

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038943.D
 Acq On : 18 Nov 2023 20:55
 Operator : JC/MD
 Sample : 05404-19MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109MSD

Quant Time: Nov 20 04:41:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	121444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87245	44.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.160%		
35) Dibromofluoromethane	5.385	113	69189	42.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.340%		
50) Toluene-d8	8.647	98	256329	40.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	81.660%#		
62) 4-Bromofluorobenzene	11.079	95	101881	40.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.080%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70604	49.825	ug/l	98
3) Chloromethane	1.295	50	81460	44.044	ug/l	98
4) Vinyl Chloride	1.374	62	82947	46.558	ug/l	99
5) Bromomethane	1.599	94	42998	58.373	ug/l	94
6) Chloroethane	1.679	64	51206	50.364	ug/l	98
7) Trichlorofluoromethane	1.886	101	115398	51.044	ug/l	99
8) Diethyl Ether	2.130	74	47414	48.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	67224	44.838	ug/l	98
10) Methyl Iodide	2.453	142	83171	45.578	ug/l	91
11) Tert butyl alcohol	2.959	59	160194	294.328	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67153	44.365	ug/l	93
13) Acrolein	2.233	56	83860	291.228	ug/l	98
14) Allyl chloride	2.660	41	140348	46.311	ug/l	94
15) Acrylonitrile	3.063	53	296283	257.628	ug/l	99
16) Acetone	2.380	43	255373	245.144	ug/l	90
17) Carbon Disulfide	2.508	76	188380	40.178	ug/l	99
18) Methyl Acetate	2.703	43	239756	48.454	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	265803	49.927	ug/l	98
20) Methylene Chloride	2.788	84	82647	44.011	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	75395	45.143	ug/l	92
22) Diisopropyl ether	3.758	45	271402	48.817	ug/l	92
23) Vinyl Acetate	3.721	43	901058	225.037	ug/l	99
24) 1,1-Dichloroethane	3.605	63	149226	47.998	ug/l	99
25) 2-Butanone	4.550	43	436869	258.610	ug/l	95
26) 2,2-Dichloropropane	4.477	77	104025	38.573	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	92546	47.538	ug/l	94
28) Bromochloromethane	4.898	49	76209	51.055	ug/l	99
29) Tetrahydrofuran	5.001	42	286348	266.964	ug/l	98
30) Chloroform	5.093	83	149049	49.097	ug/l	97
31) Cyclohexane	5.471	56	125266	44.835	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	130640	49.682	ug/l	99
36) 1,1-Dichloropropene	5.690	75	107592	45.754	ug/l	98
37) Ethyl Acetate	4.715	43	144924	47.304	ug/l	99
38) Carbon Tetrachloride	5.678	117	108447	49.899	ug/l	98
39) Methylcyclohexane	7.379	83	130762	42.631	ug/l	100
40) Benzene	6.038	78	326618	46.961	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82522	51.935	ug/l	94
42) 1,2-Dichloroethane	6.086	62	118401	51.382	ug/l	97
43) Isopropyl Acetate	6.336	43	233405	47.671	ug/l	99
44) Trichloroethene	7.123	130	131057	77.415	ug/l	95
45) 1,2-Dichloropropane	7.434	63	89261	47.691	ug/l	96
46) Dibromomethane	7.580	93	61945	49.629	ug/l	98
47) Bromodichloromethane	7.818	83	120659	48.706	ug/l	98
48) Methyl methacrylate	7.690	41	113532	47.791	ug/l	95
49) 1,4-Dioxane	7.659	88	54758	1191.465	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	813438	259.973	ug/l	100
52) Toluene	8.720	92	203791	47.218	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	134468	45.676	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	139839	45.985	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	86996	48.308	ug/l	94
56) Ethyl methacrylate	9.116	69	148807	48.837	ug/l	97
57) 1,3-Dichloropropane	9.305	76	145207	48.754	ug/l	100
59) 2-Hexanone	9.427	43	653543	260.591	ug/l	98
60) Dibromochloromethane	9.519	129	91390	49.910	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92647	49.027	ug/l	99
64) Tetrachloroethene	9.275	164	62847	47.339	ug/l	97
65) Chlorobenzene	10.080	112	217297	47.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79721	48.170	ug/l	98
67) Ethyl Benzene	10.195	91	400110	47.334	ug/l	99
68) m/p-Xylenes	10.299	106	298126	93.236	ug/l	99
69) o-Xylene	10.640	106	148036	46.788	ug/l	98
70) Styrene	10.653	104	249191	46.635	ug/l	98
71) Bromoform	10.799	173	67654	49.036	ug/l #	98
73) Isopropylbenzene	10.964	105	384410	45.872	ug/l	99
74) N-amyl acetate	10.842	43	194428	43.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	152077	46.489	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	126129m	47.002	ug/l	
77) Bromobenzene	11.195	156	87877	46.670	ug/l	98
78) n-propylbenzene	11.305	91	473211	45.877	ug/l	98
79) 2-Chlorotoluene	11.366	91	278022	45.417	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	330781	46.946	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	50259	41.543	ug/l #	83
82) 4-Chlorotoluene	11.451	91	326643	46.277	ug/l	100
83) tert-Butylbenzene	11.713	119	324101	46.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	330947	46.405	ug/l	99
85) sec-Butylbenzene	11.890	105	412699	45.467	ug/l	99
86) p-Isopropyltoluene	12.006	119	329422	45.210	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169954	46.092	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	171999	45.576	ug/l	98
89) n-Butylbenzene	12.329	91	321185	43.689	ug/l	97
90) Hexachloroethane	12.536	117	66611	45.777	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	165835	47.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39534	49.327	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	105353	44.954	ug/l	98
94) Hexachlorobutadiene	13.725	225	35833	43.176	ug/l	98
95) Naphthalene	13.774	128	404559	46.350	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	103116	46.415	ug/l	99

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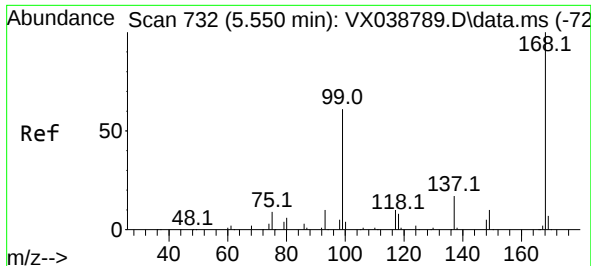
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Manual Integrations

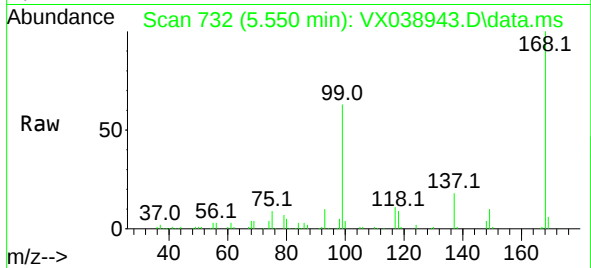
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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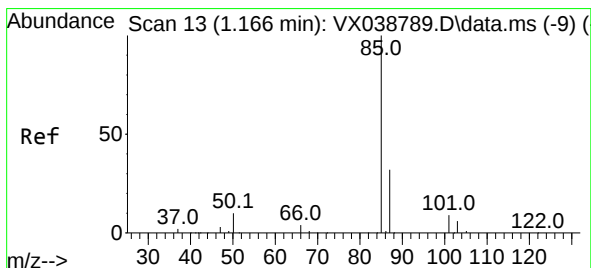
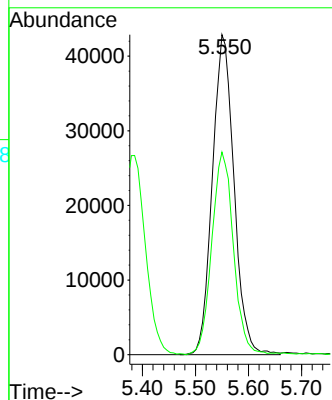
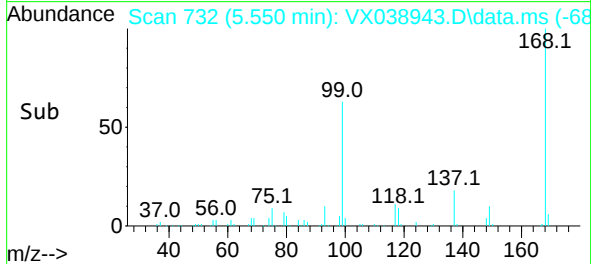
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion:168 Resp: 121444
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0

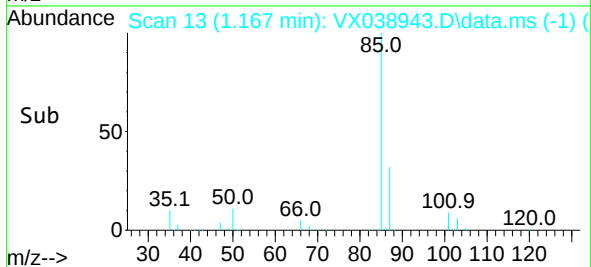
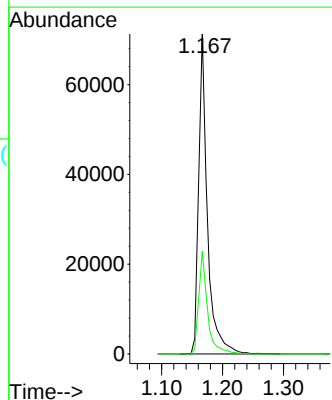
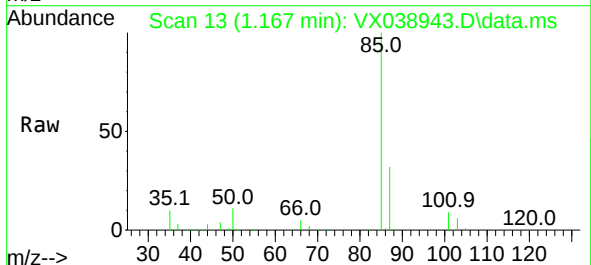
Manual Integrations
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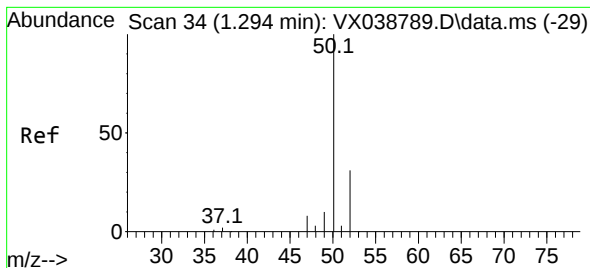
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 49.825 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 85 Resp: 70604
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3

Chloromethane

Concen: 44.044 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 50 Resp: 81460

Ion Ratio Lower Upper

50 100

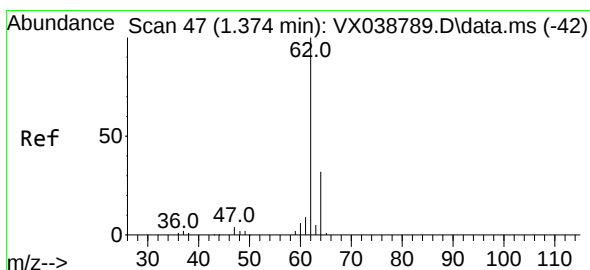
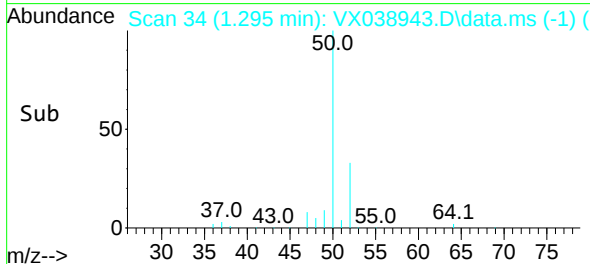
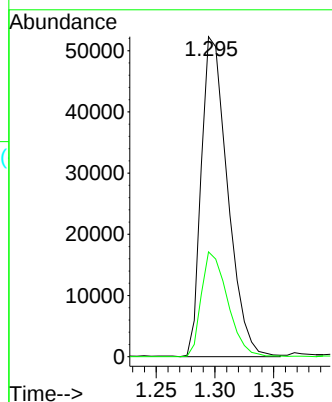
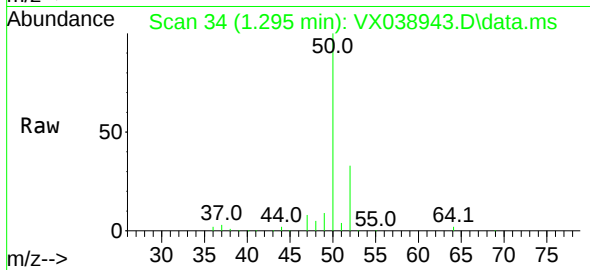
52 32.8 25.5 38.3

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 46.558 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038943.D

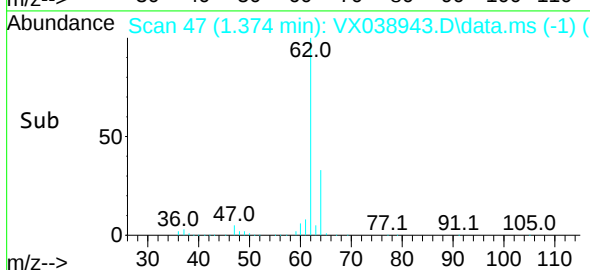
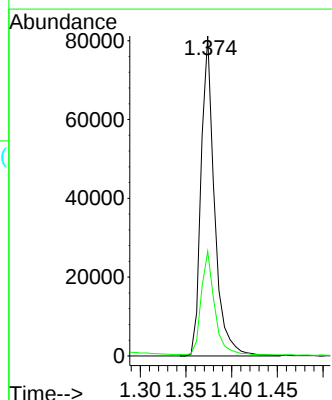
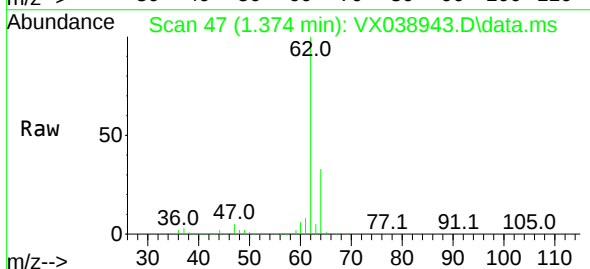
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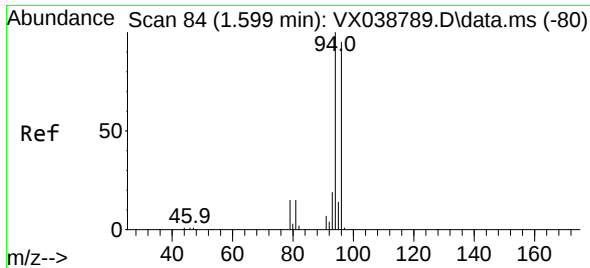
Tgt Ion: 62 Resp: 82947

Ion Ratio Lower Upper

62 100

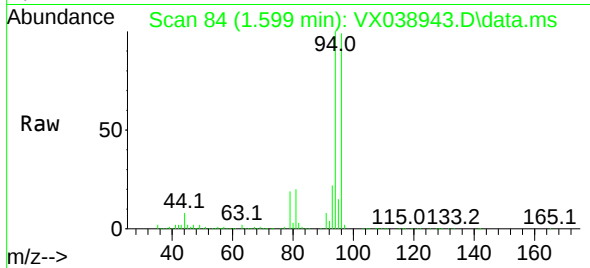
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 58.373 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

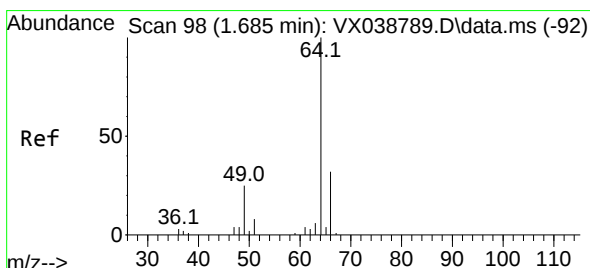
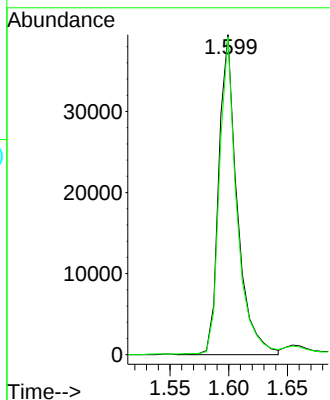
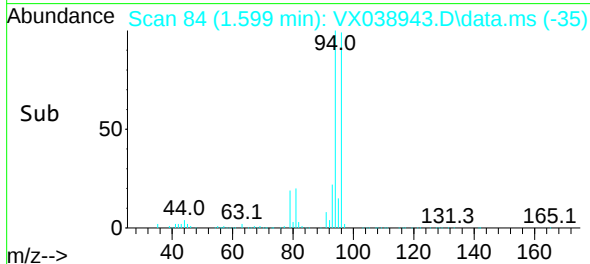
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Tgt Ion: 94 Resp: 42998
Ion Ratio Lower Upper
94 100
96 99.1 74.6 111.8

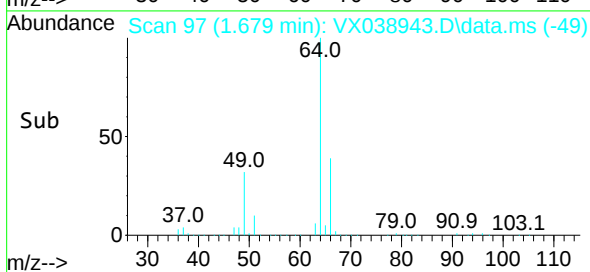
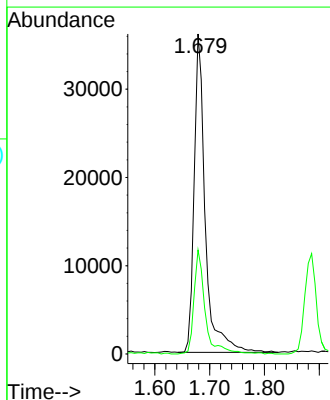
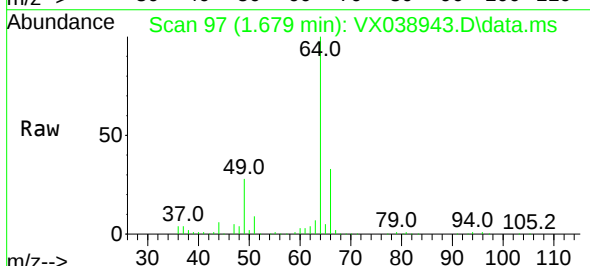
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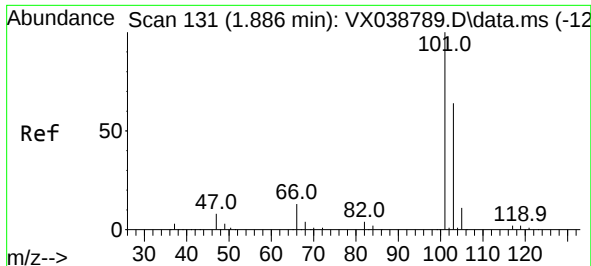
Reviewed By :John Carlone 11/20/2023
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#6
Chloroethane
Concen: 50.364 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 64 Resp: 51206
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





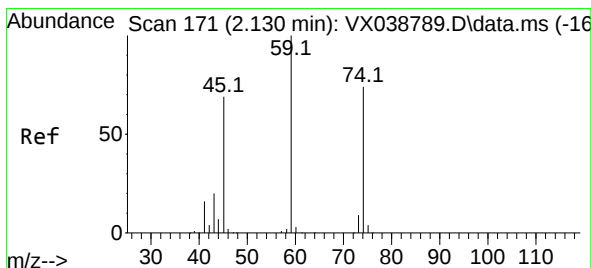
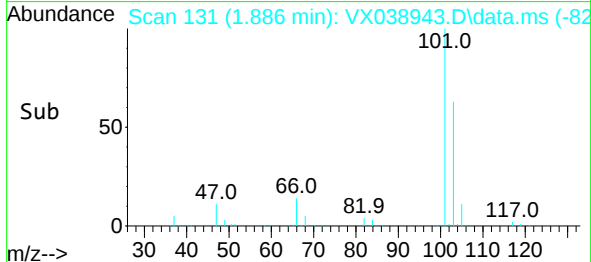
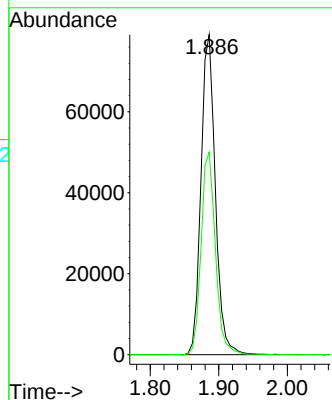
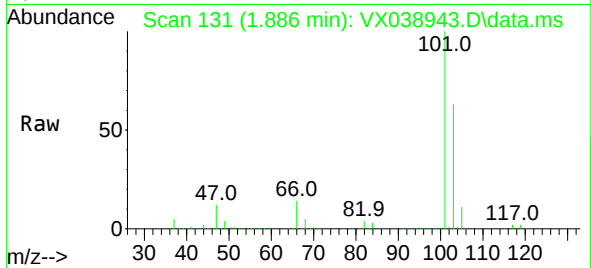
#7
Trichlorofluoromethane
Concen: 51.044 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

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ClientSampleId :
RE108D1-20231109MSD

Tgt Ion:101 Resp: 115398
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

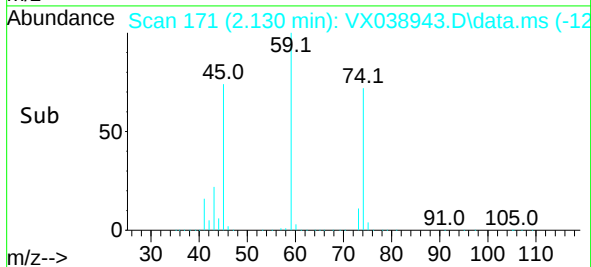
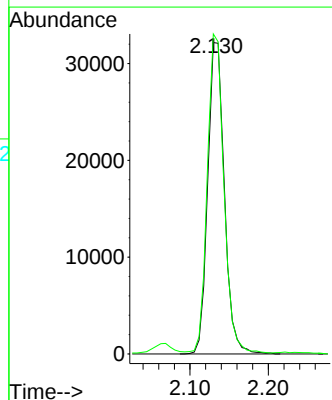
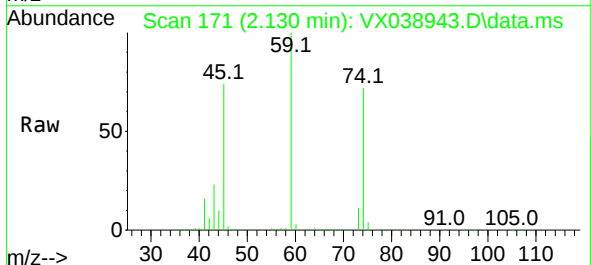
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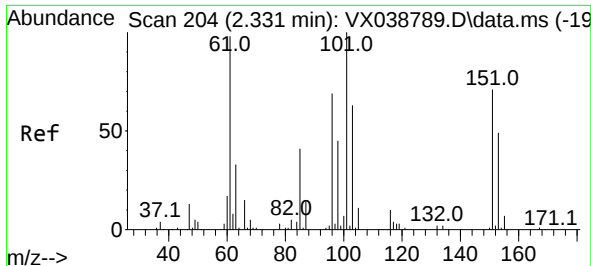
Reviewed By :John Carlone 11/20/2023
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#8
Diethyl Ether
Concen: 48.152 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038943.D
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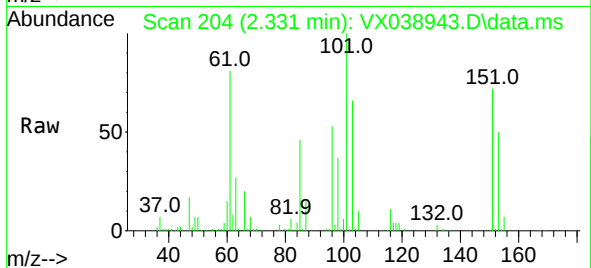
Tgt Ion: 74 Resp: 47414
Ion Ratio Lower Upper
74 100
45 101.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.838 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

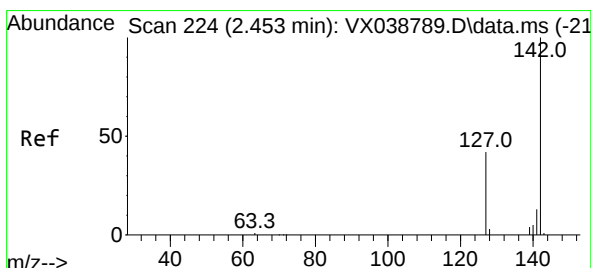
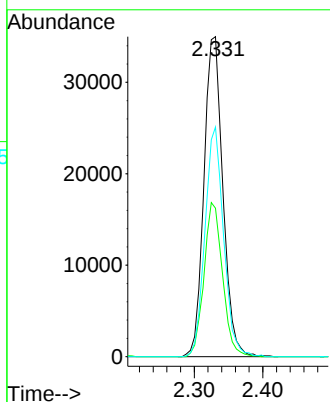
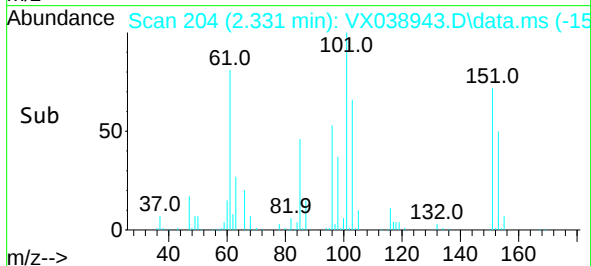
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion:101 Resp: 67224
Ion Ratio Lower Upper
101 100
85 47.2 37.0 55.6
151 70.8 58.6 87.8

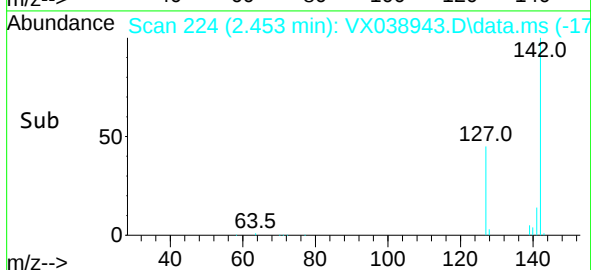
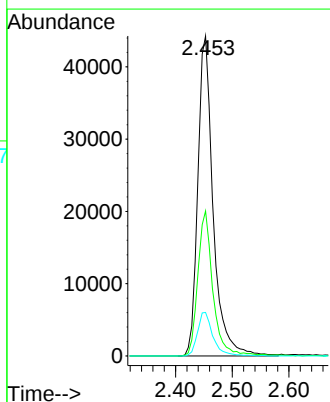
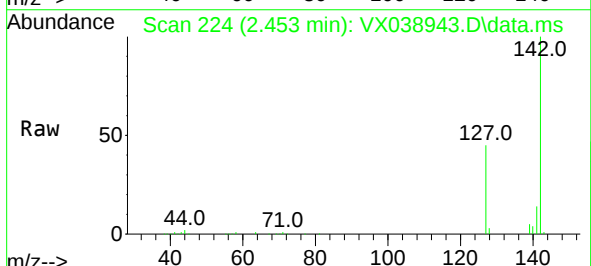
Manual Integrations
APPROVED

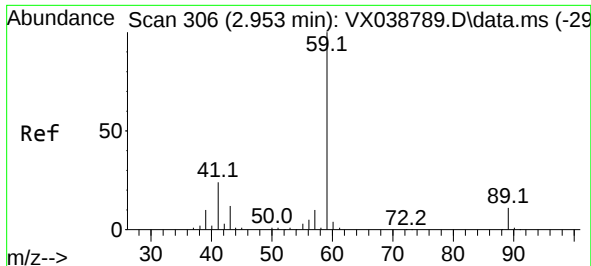
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 45.578 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

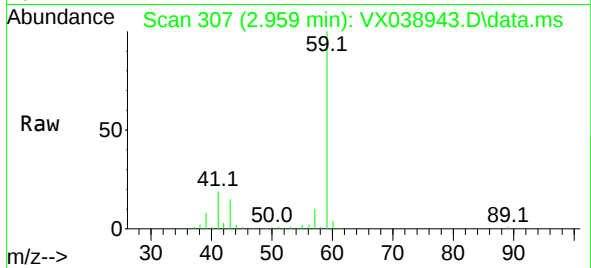
Tgt Ion:142 Resp: 83171
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 294.328 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

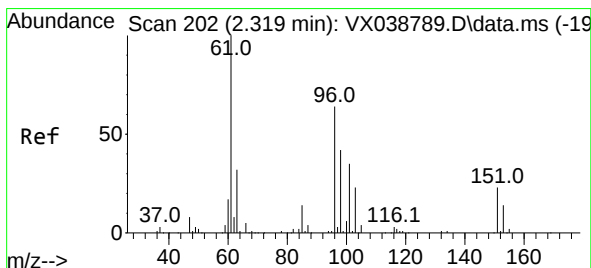
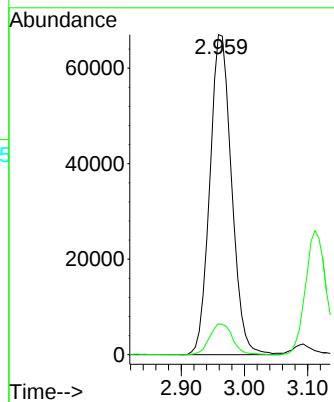
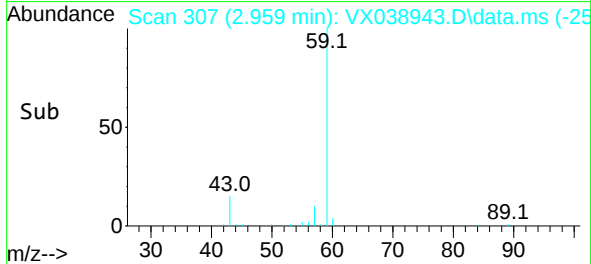
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 59 Resp: 160194
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

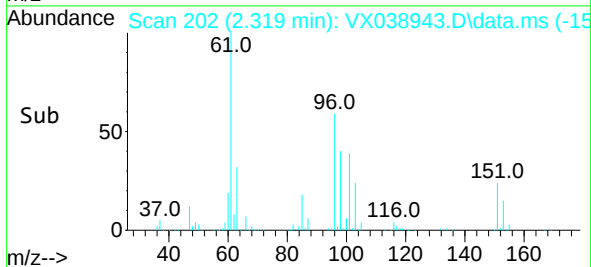
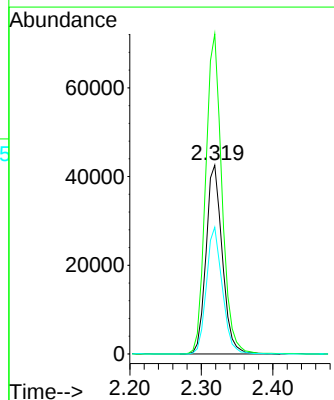
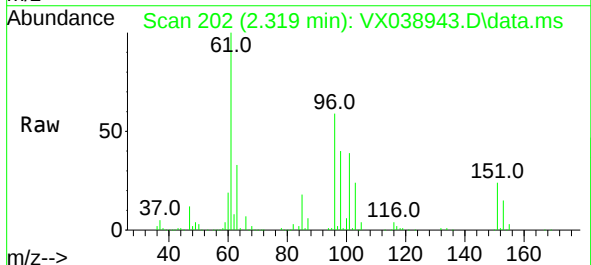
Manual Integrations
APPROVED

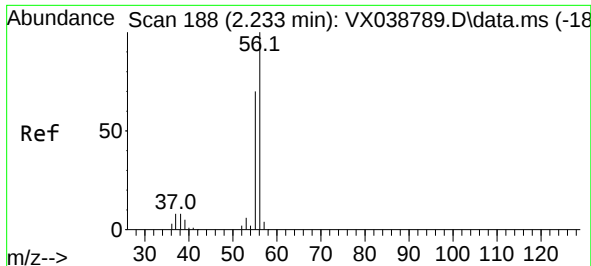
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 44.365 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 96 Resp: 67153
Ion Ratio Lower Upper
96 100
61 169.5 144.6 216.8
98 67.1 50.4 75.6





#13

Acrolein

Concen: 291.228 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 56 Resp: 83860

Ion Ratio Lower Upper

56 100

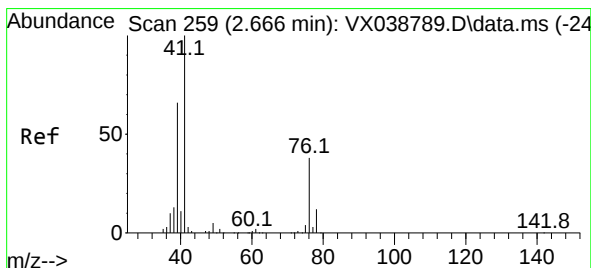
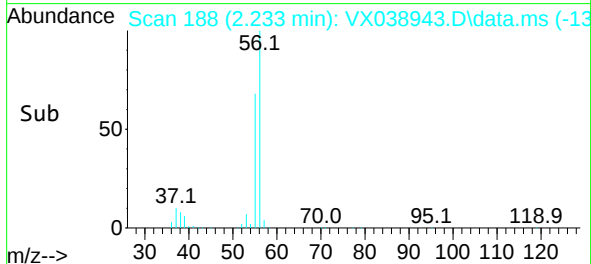
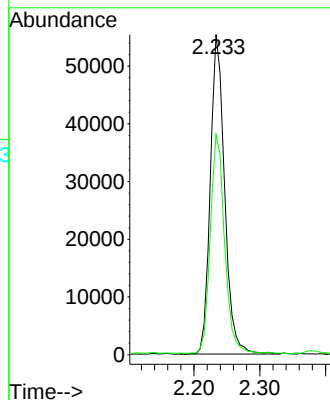
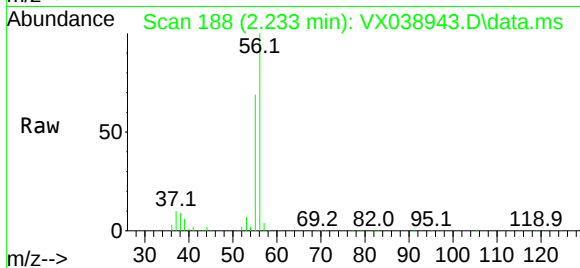
55 69.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#14

Allyl chloride

Concen: 46.311 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

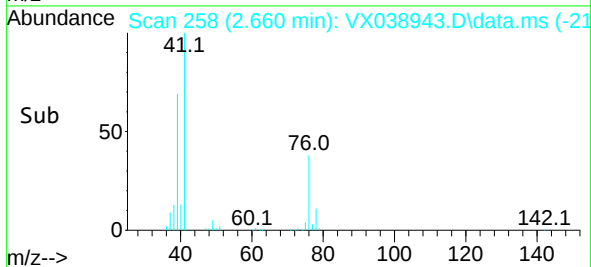
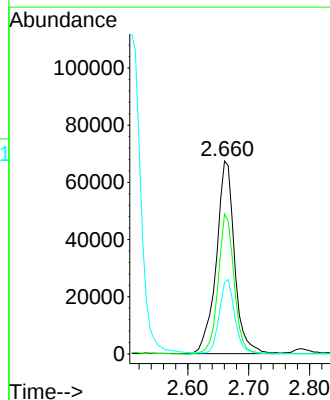
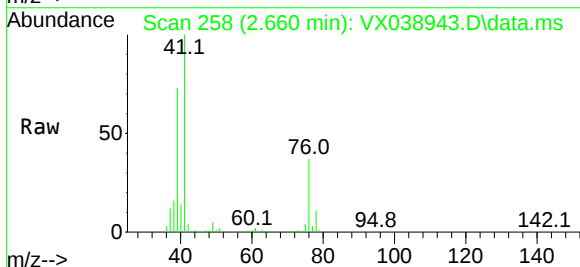
Tgt Ion: 41 Resp: 140348

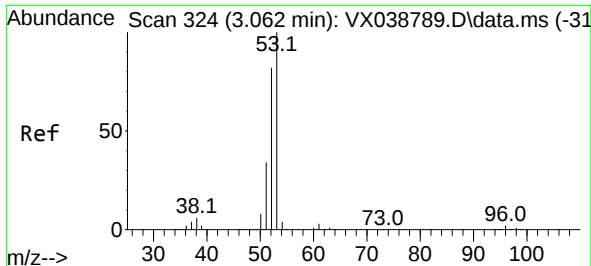
Ion Ratio Lower Upper

41 100

39 63.5 55.8 83.6

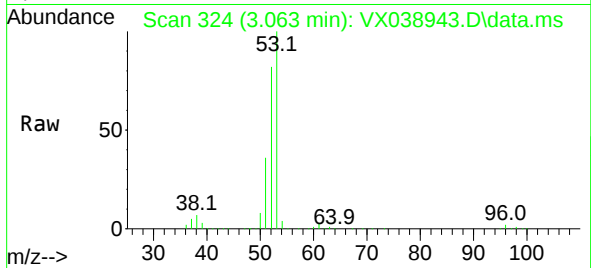
76 32.5 24.3 36.5





#15
Acrylonitrile
Concen: 257.628 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

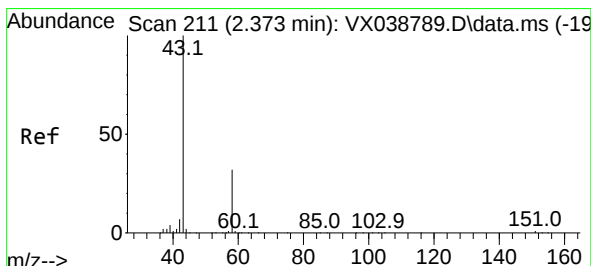
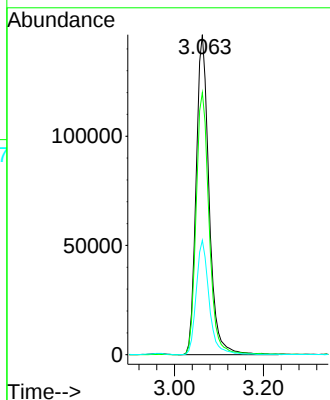
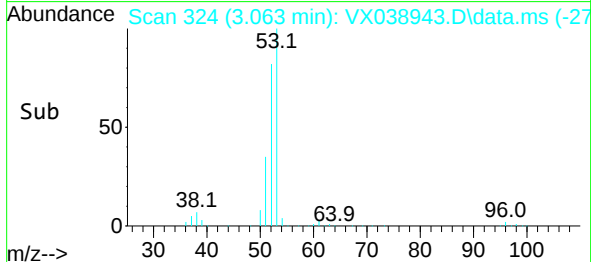
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



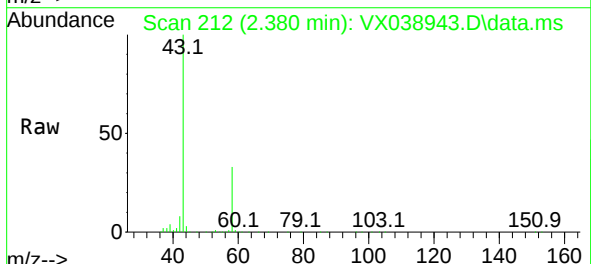
Tgt Ion: 53 Resp: 296283
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.8 29.8 44.6

Manual Integrations
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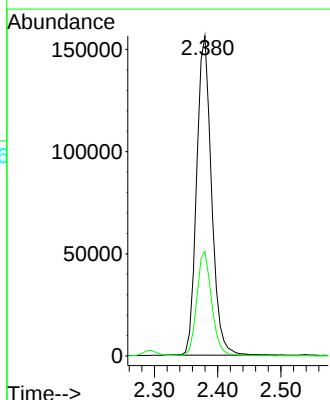
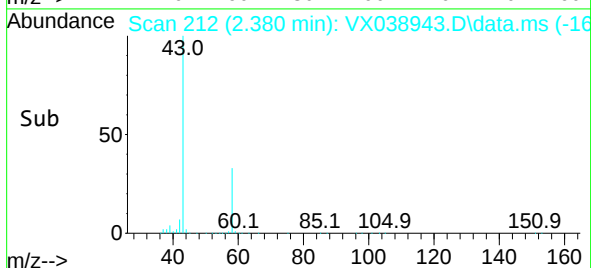
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

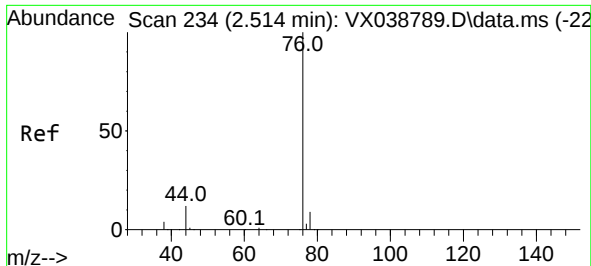


#16
Acetone
Concen: 245.144 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion: 43 Resp: 255373
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#17

Carbon Disulfide

Concen: 40.178 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 76 Resp: 188380

Ion Ratio Lower Upper

76 100

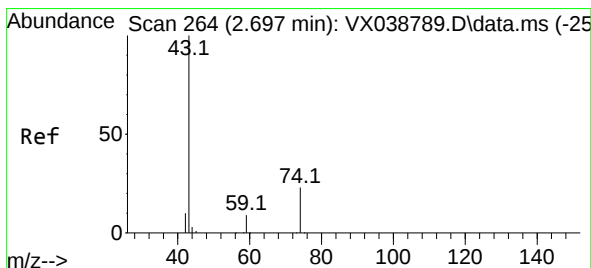
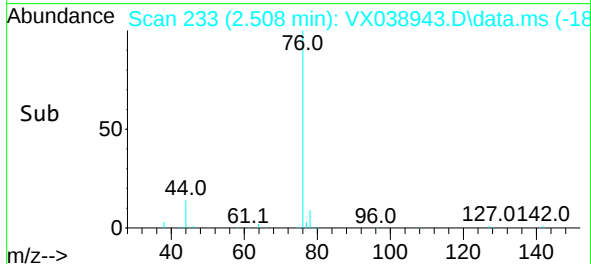
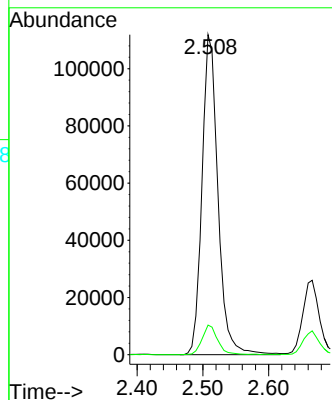
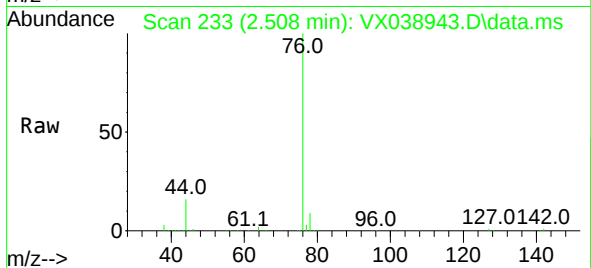
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 48.454 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038943.D

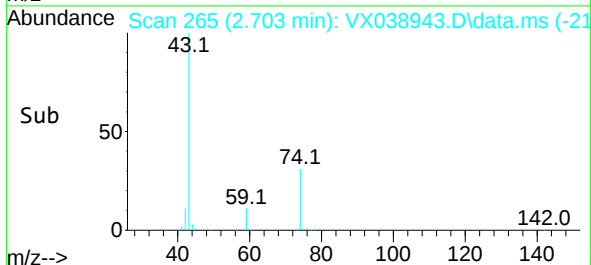
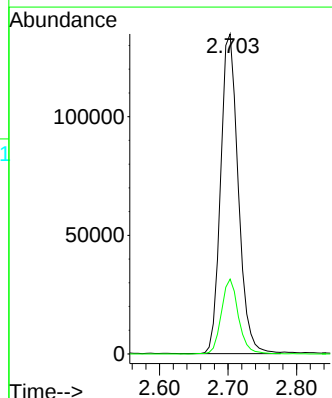
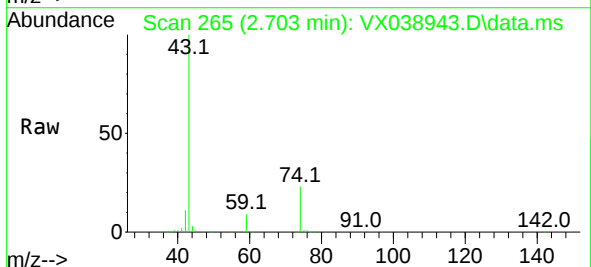
Acq: 18 Nov 2023 20:55

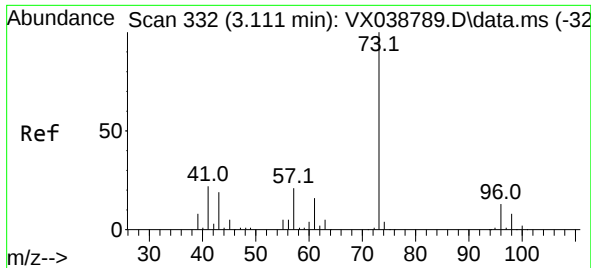
Tgt Ion: 43 Resp: 239756

Ion Ratio Lower Upper

43 100

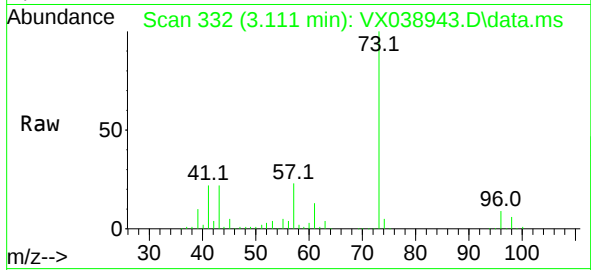
74 22.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.927 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

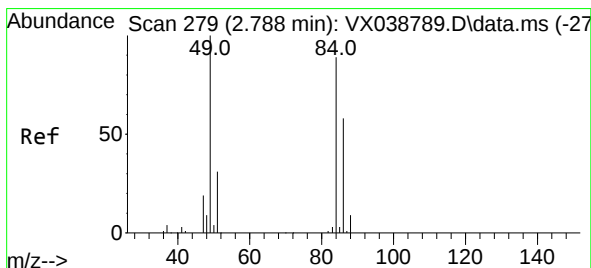
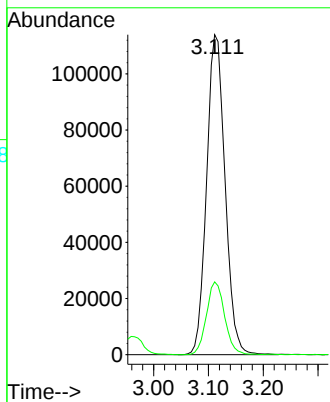
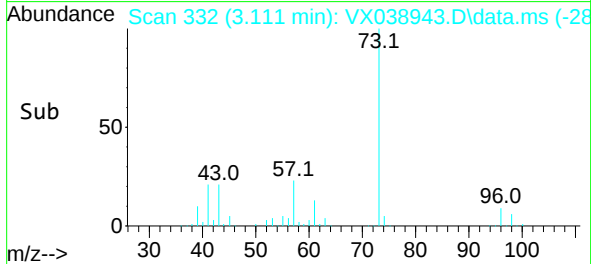
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 73 Resp: 26580
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

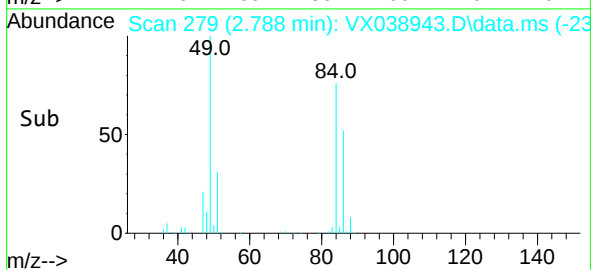
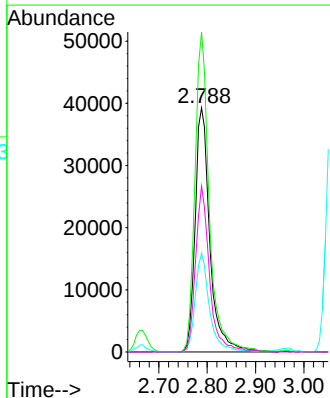
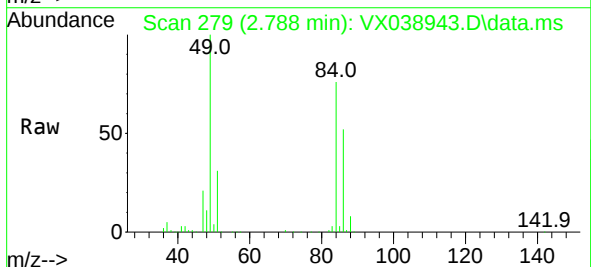
Manual Integrations
APPROVED

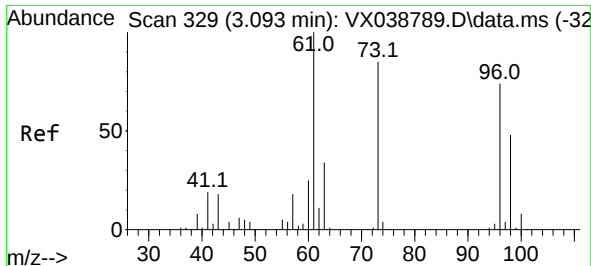
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 44.011 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

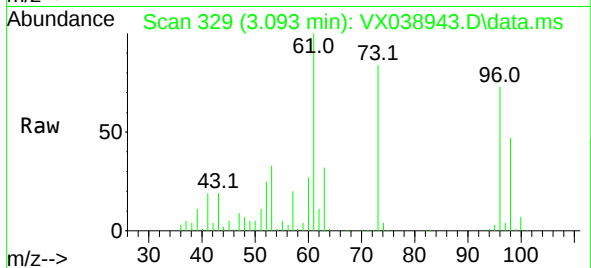
Tgt Ion: 84 Resp: 82647
Ion Ratio Lower Upper
84 100
49 131.1 103.6 155.4
51 40.5 33.8 50.6
86 68.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.143 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

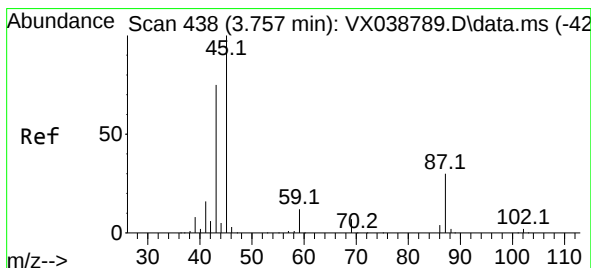
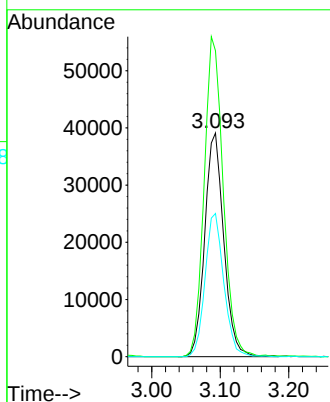
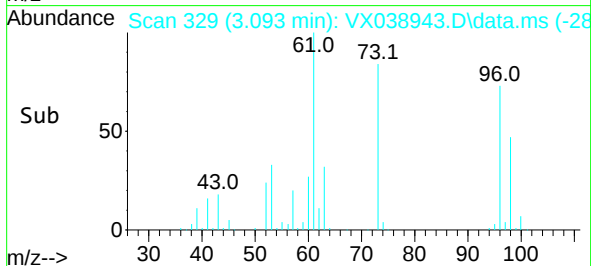
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



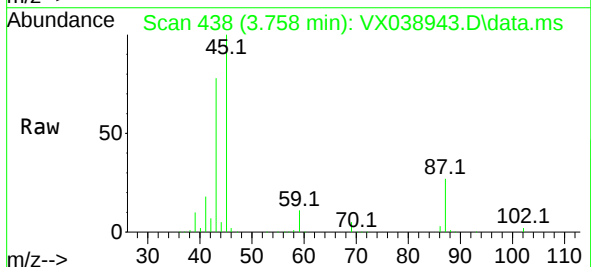
Tgt Ion: 96 Resp: 7539
Ion Ratio Lower Upper
96 100
61 136.8 119.2 178.8
98 64.0 48.7 73.1

Manual Integrations
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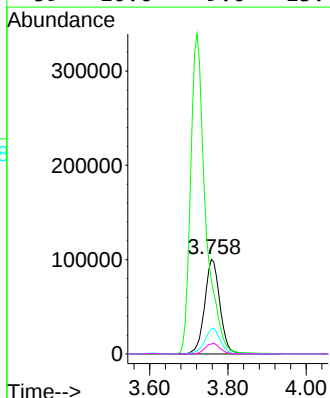
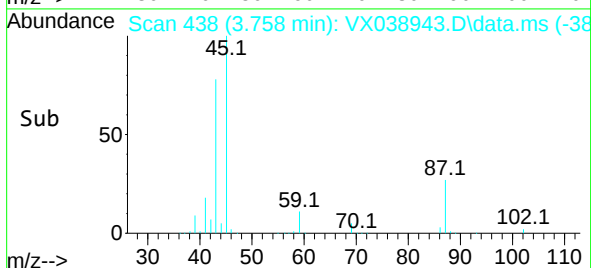
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

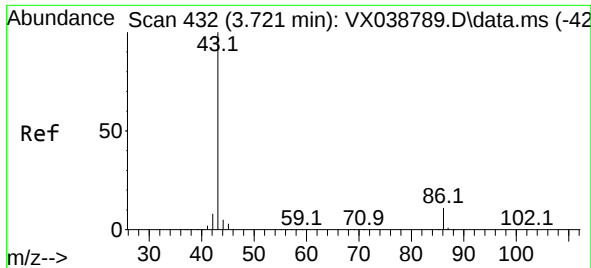


#22
Diisopropyl ether
Concen: 48.817 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



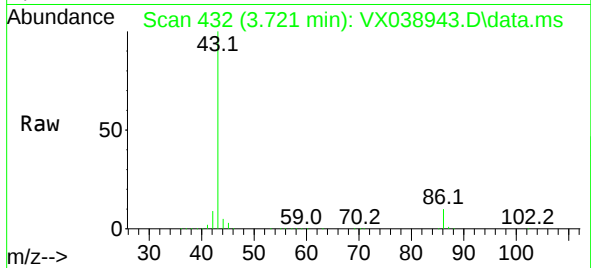
Tgt Ion: 45 Resp: 271402
Ion Ratio Lower Upper
45 100
43 77.7 69.7 104.5
87 26.6 20.8 31.2
59 10.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 225.037 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX038943.D
 Acq: 18 Nov 2023 20:55

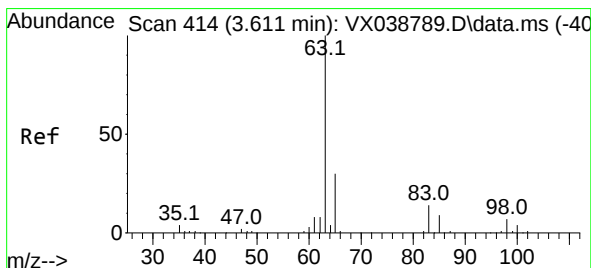
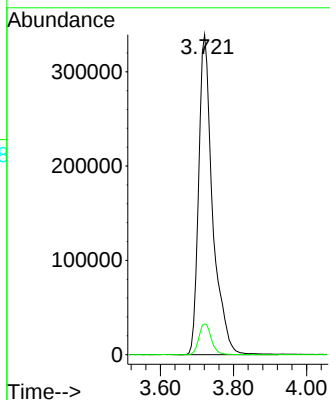
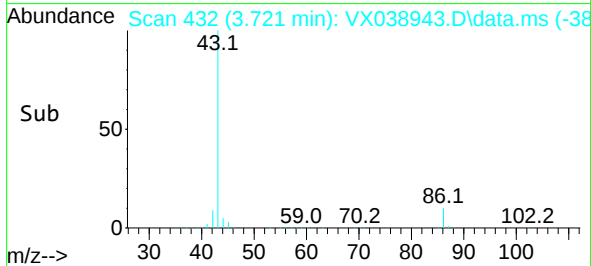
Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109MSD



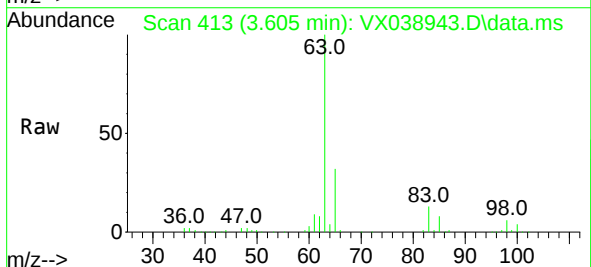
Tgt Ion: 43 Resp: 901058
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

Manual Integrations
 APPROVED

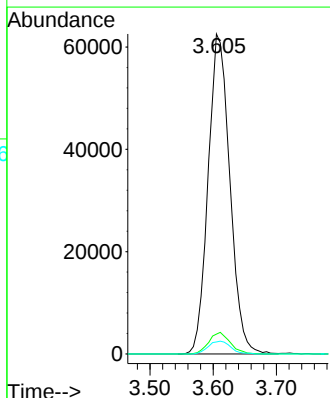
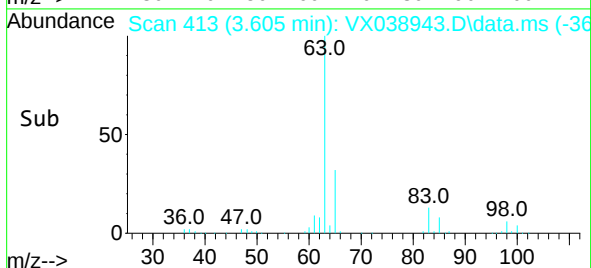
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

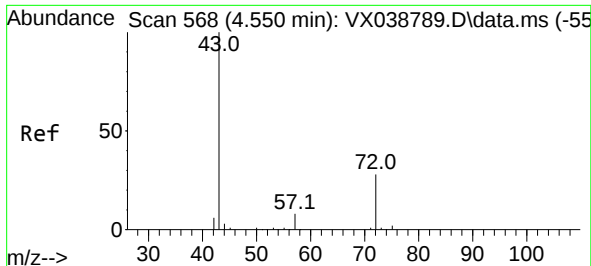


#24
 1,1-Dichloroethane
 Concen: 47.998 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038943.D
 Acq: 18 Nov 2023 20:55



Tgt Ion: 63 Resp: 149226
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.8 2.1 6.5





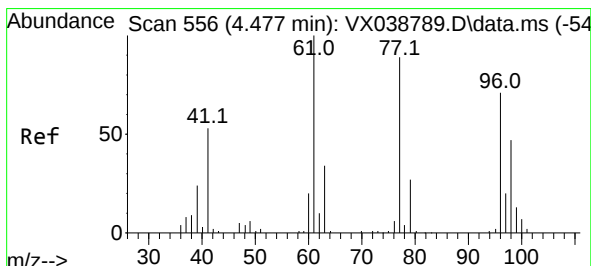
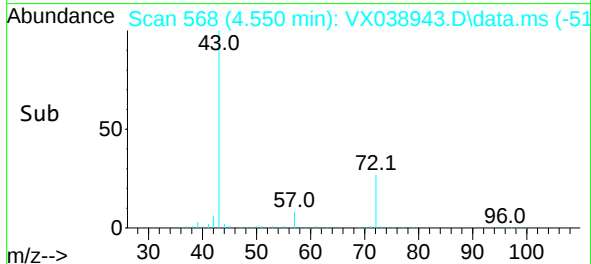
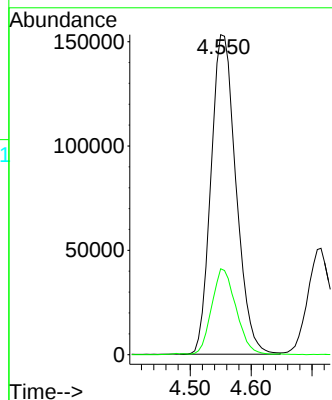
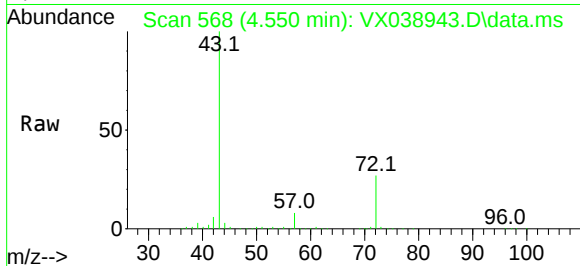
#25
2-Butanone
Concen: 258.610 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD

Tgt Ion: 43 Resp: 436869
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

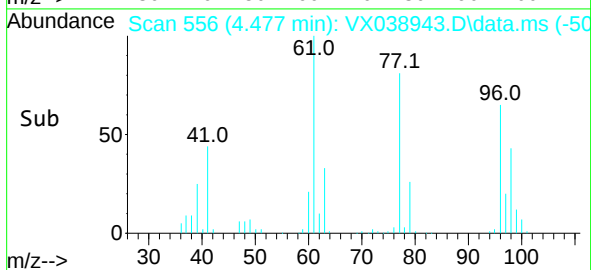
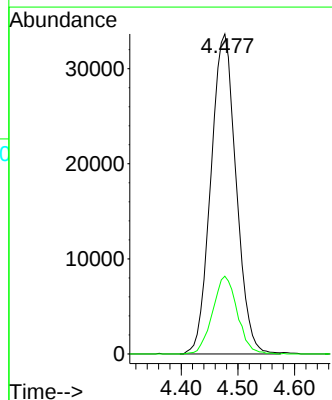
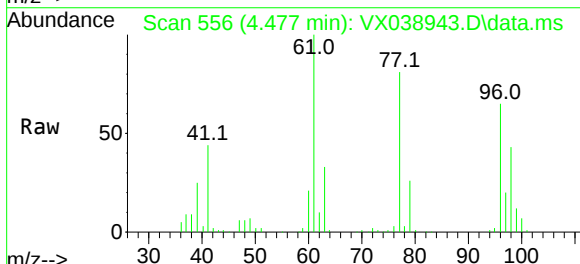
Manual Integrations
APPROVED

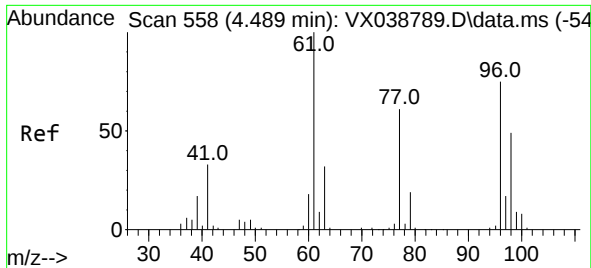
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 38.573 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 77 Resp: 104025
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.538 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038943.D

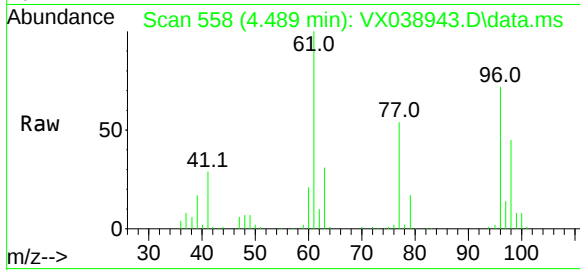
Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD



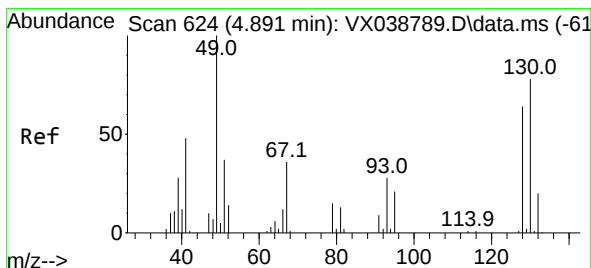
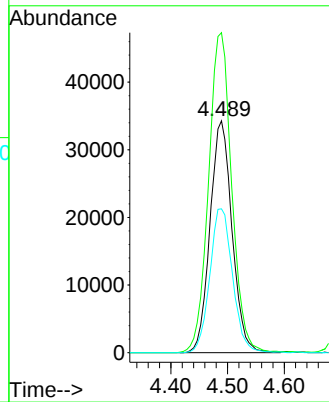
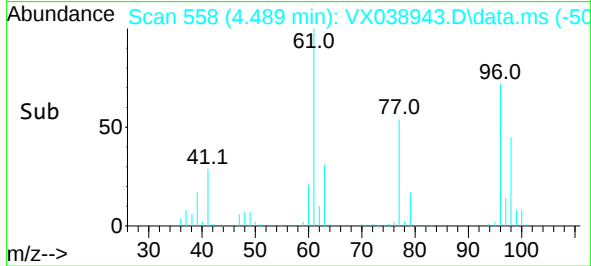
Tgt Ion: 96	Resp: 92540
Ion Ratio	Lower Upper
96	100
61	145.1 0.0 312.2
98	64.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#28

Bromochloromethane

Concen: 51.055 ug/l

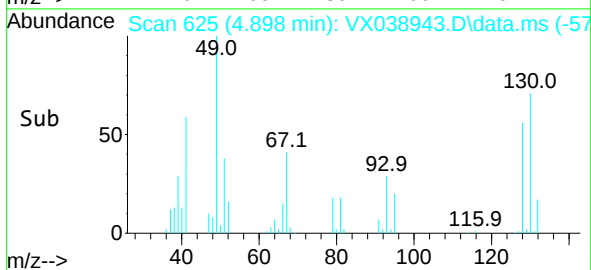
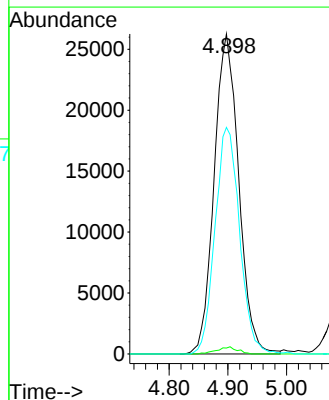
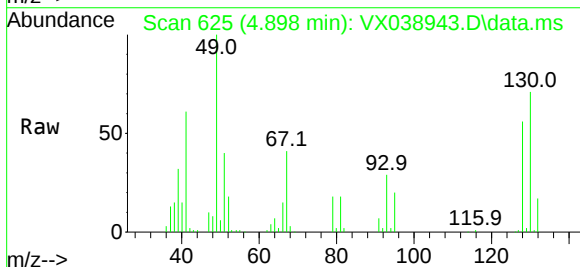
RT: 4.898 min Scan# 625

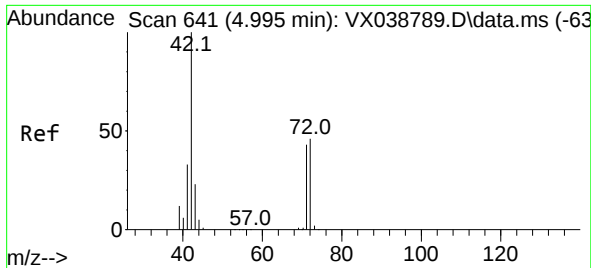
Delta R.T. 0.006 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Tgt Ion: 49	Resp: 76209
Ion Ratio	Lower Upper
49	100
129	1.8 0.0 3.8
130	70.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 266.964 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 42 Resp: 286348

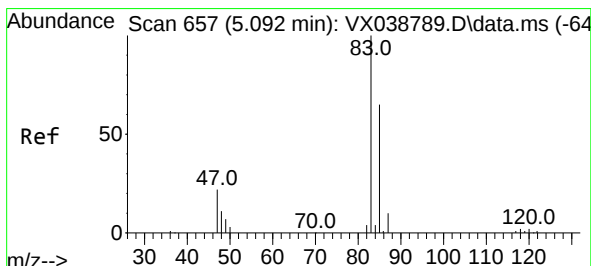
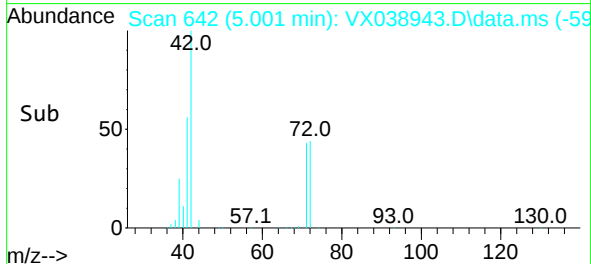
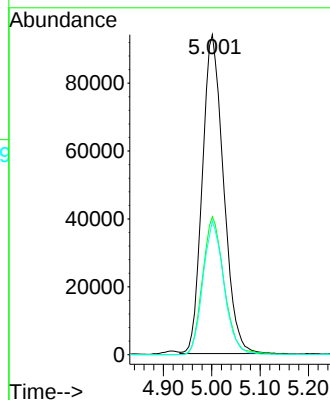
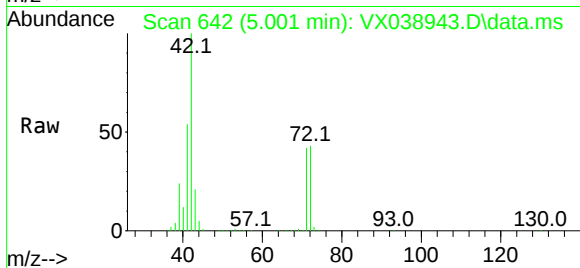
Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.2	51.4
71	41.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 49.097 ug/l

RT: 5.093 min Scan# 657

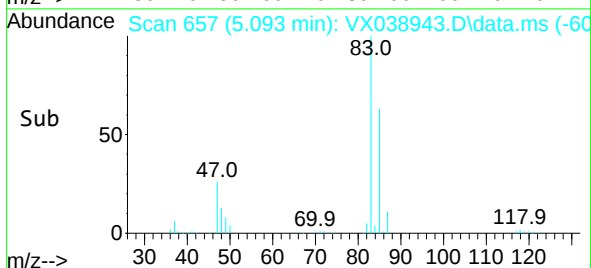
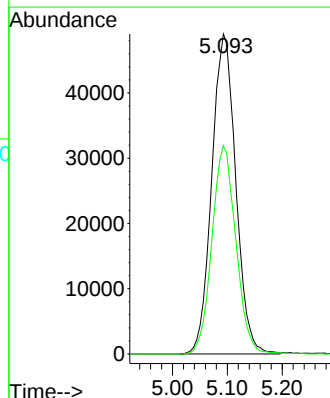
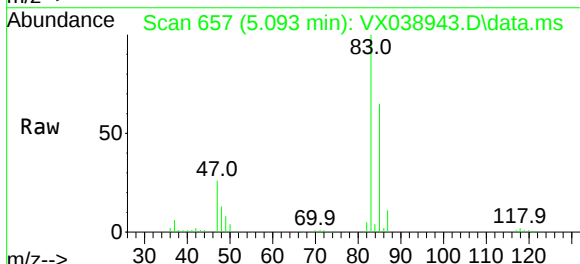
Delta R.T. 0.000 min

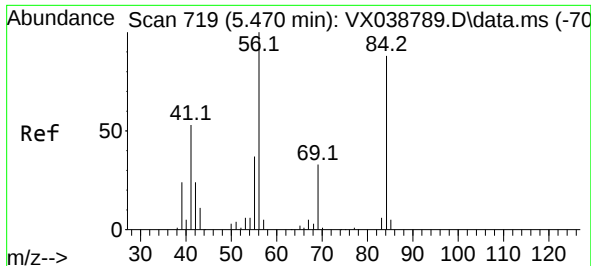
Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Tgt Ion: 83 Resp: 149049

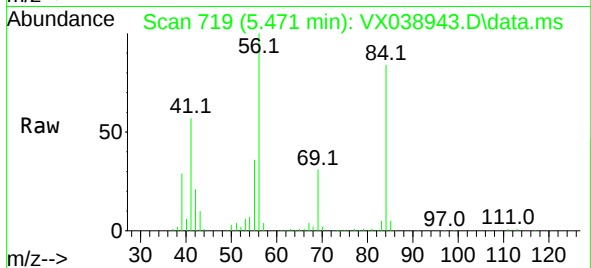
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5





#31
Cyclohexane
Concen: 44.835 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

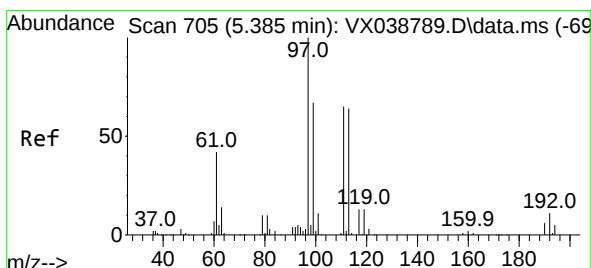
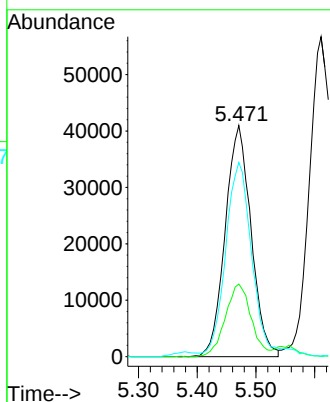
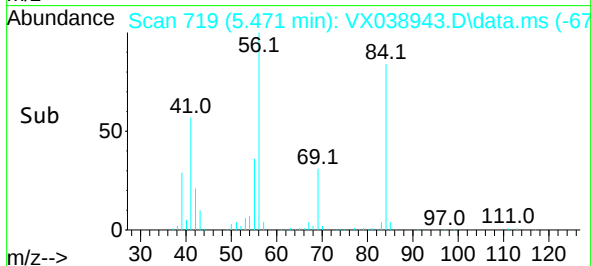
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 56 Resp: 125260
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.2
84 82.4 65.9 98.9

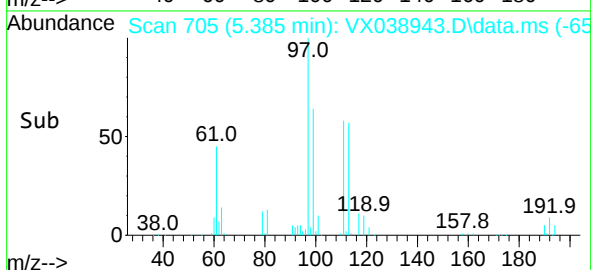
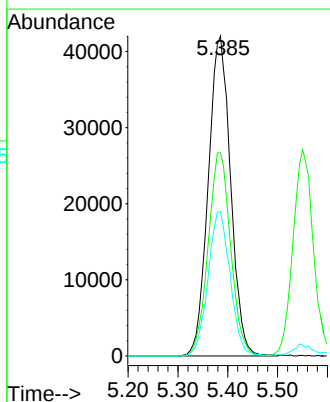
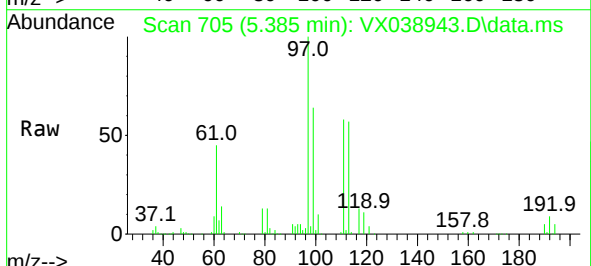
Manual Integrations
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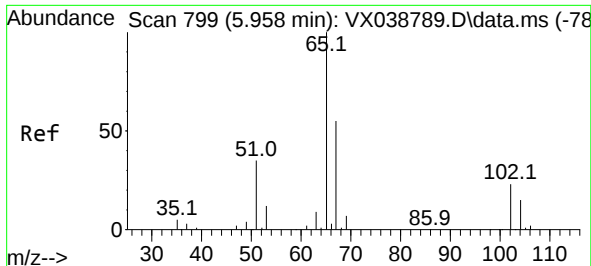
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.682 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 97 Resp: 130640
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 44.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.584 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 65 Resp: 8724

Ion Ratio Lower Upper

65 100

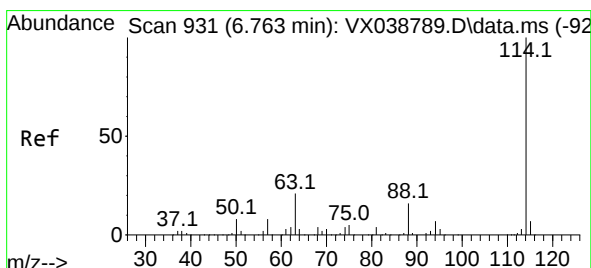
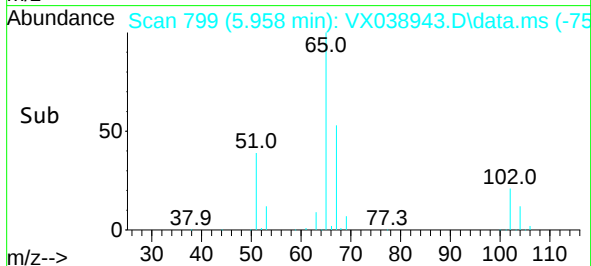
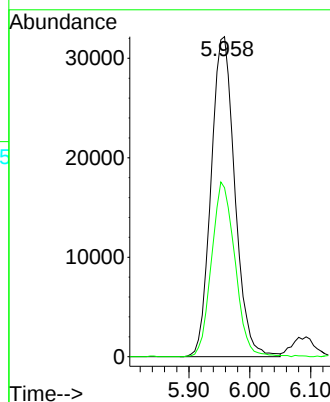
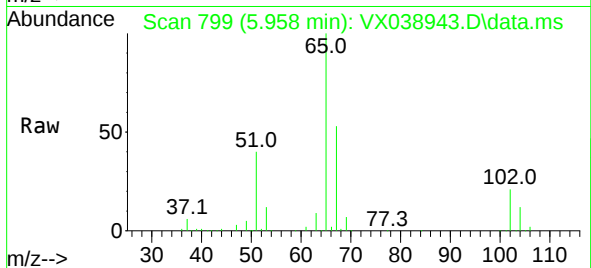
67 53.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

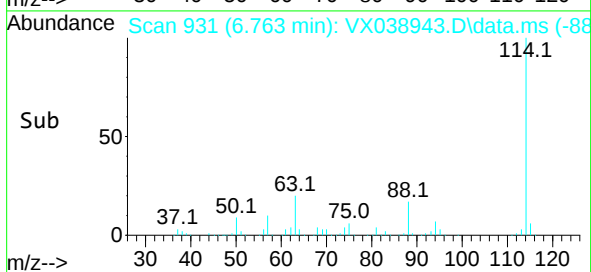
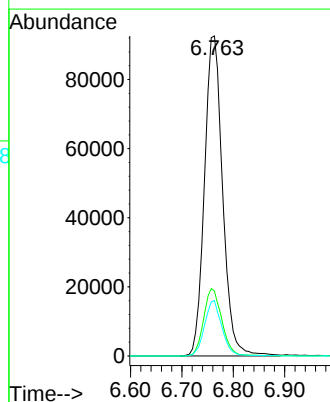
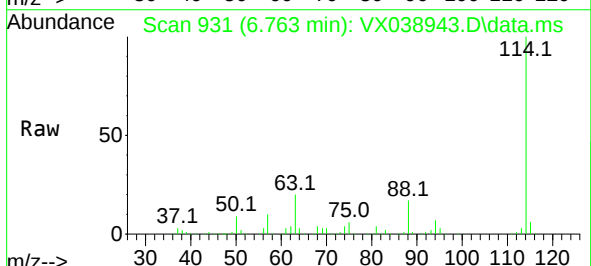
Tgt Ion:114 Resp: 227174

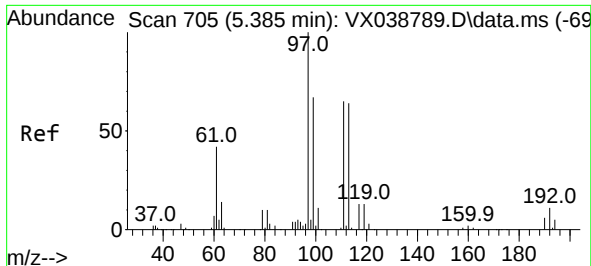
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 42.170 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

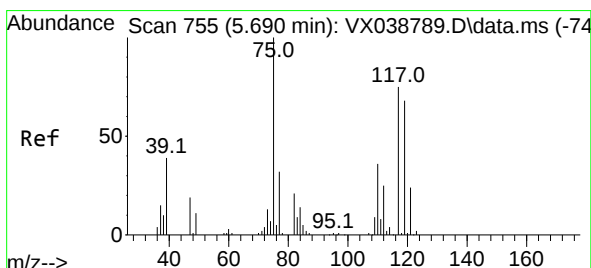
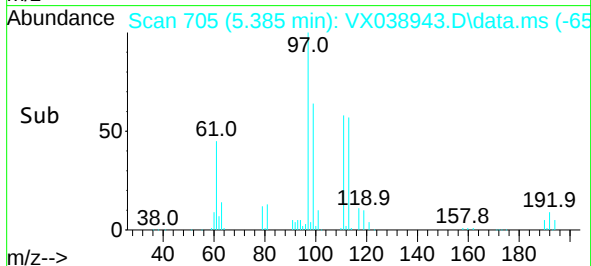
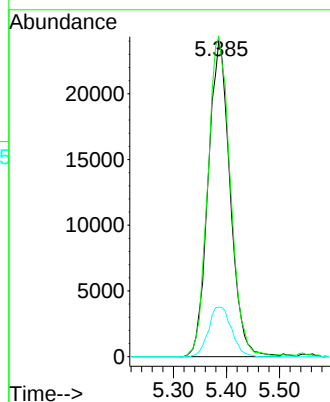
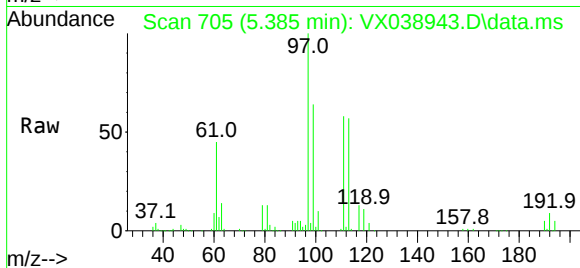
Tgt Ion:	113	Resp:	69189
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	16.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#36

1,1-Dichloropropene

Concen: 45.754 ug/l

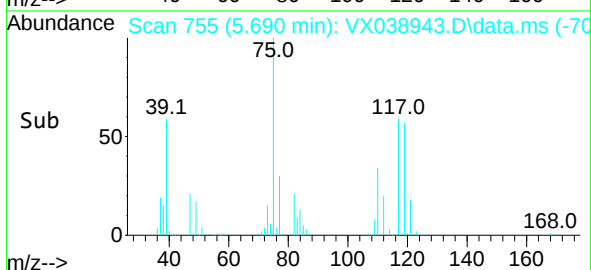
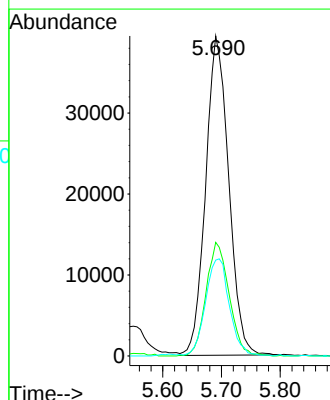
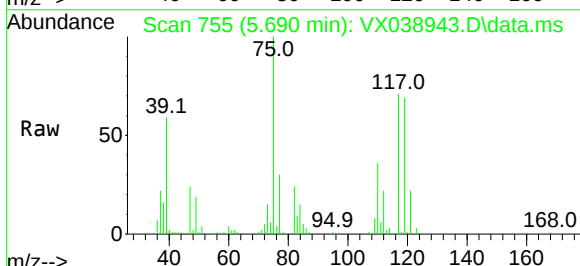
RT: 5.690 min Scan# 755

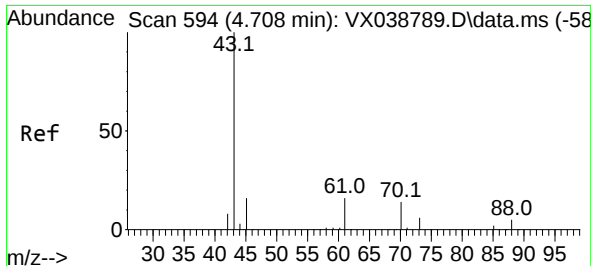
Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Tgt Ion:	75	Resp:	107592
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 47.304 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 43 Resp: 144924

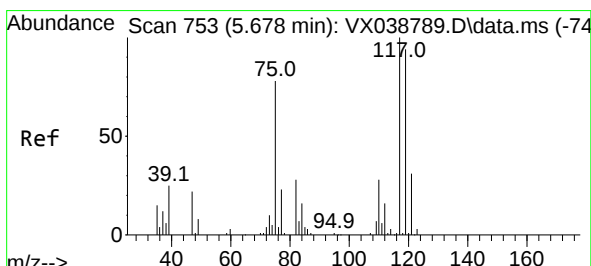
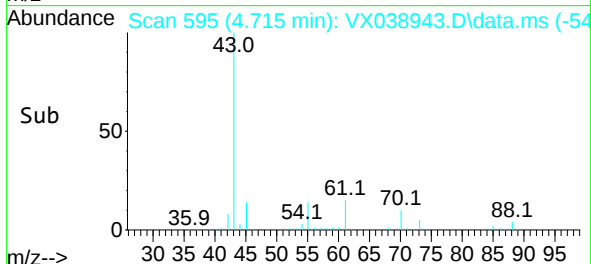
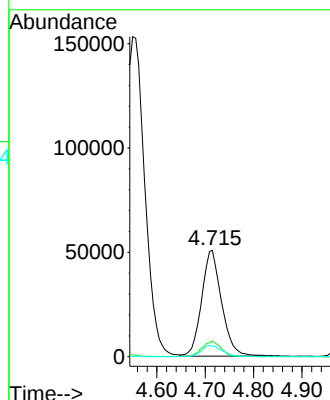
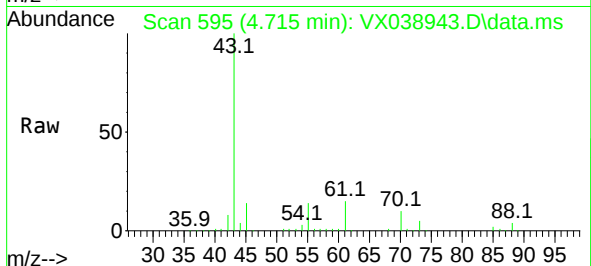
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	16.0
70	10.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 49.899 ug/l

RT: 5.678 min Scan# 753

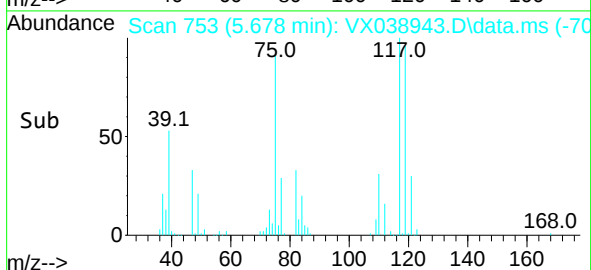
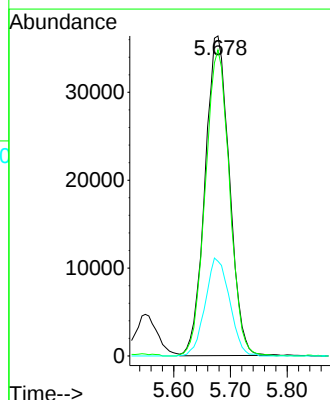
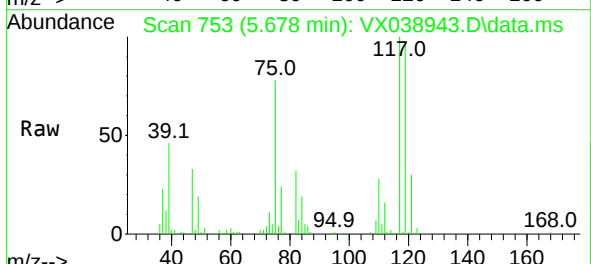
Delta R.T. 0.000 min

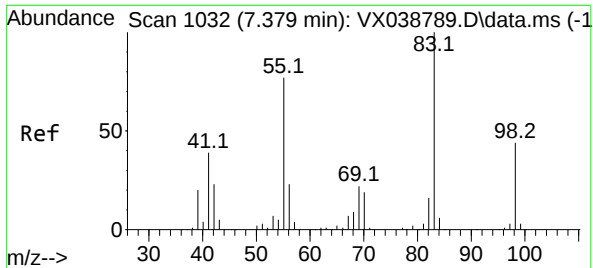
Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Tgt Ion:117 Resp: 108447

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.2
121	29.7	24.4	36.6





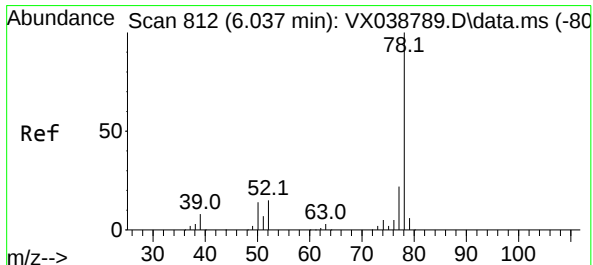
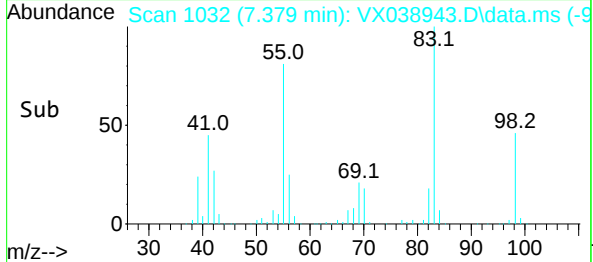
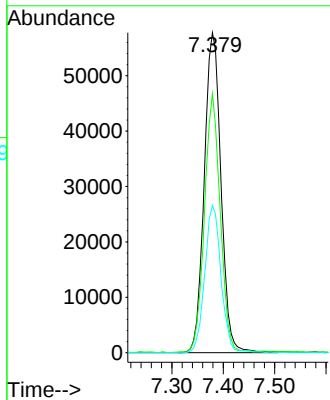
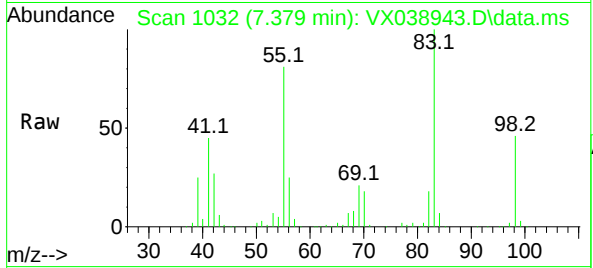
#39
Methylcyclohexane
Concen: 42.631 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD

Tgt Ion: 83 Resp: 130762
Ion Ratio Lower Upper
83 100
55 80.7 64.6 97.0
98 46.0 36.7 55.1

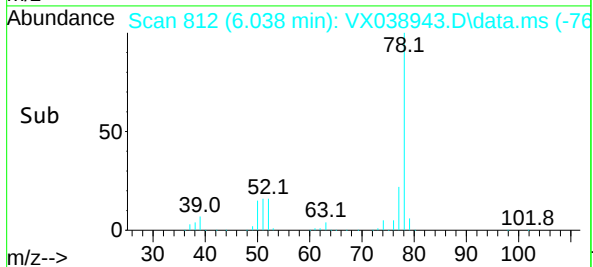
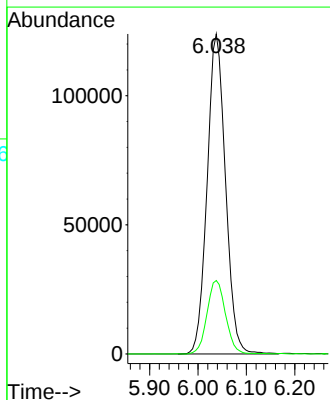
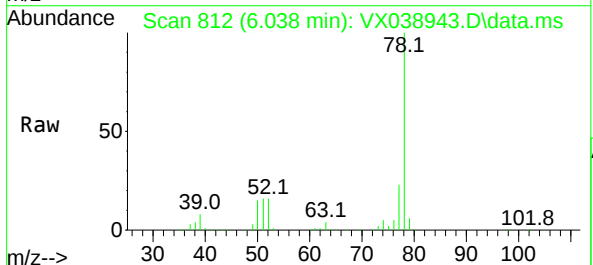
Manual Integrations
APPROVED

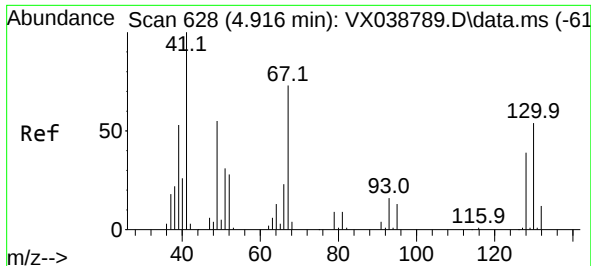
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 46.961 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

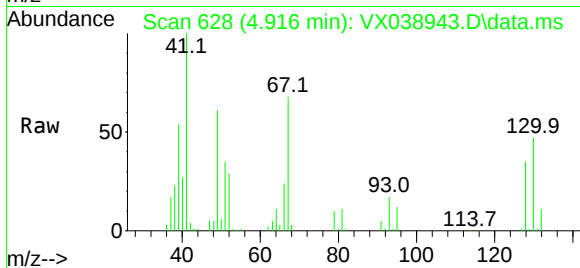
Tgt Ion: 78 Resp: 326618
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 51.935 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

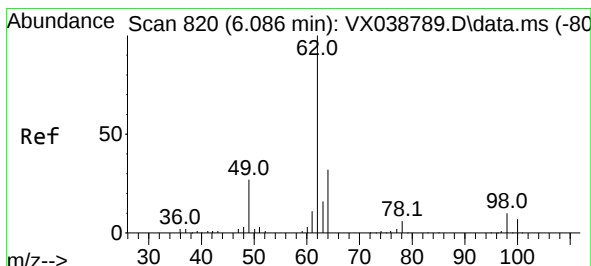
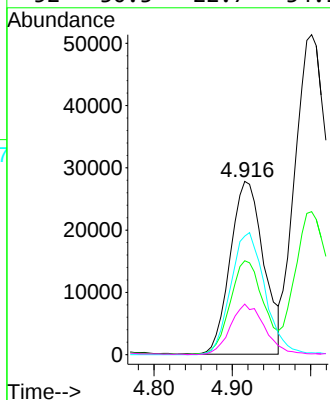
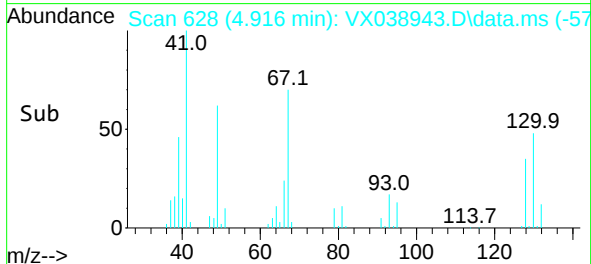
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 41 Resp: 8252
Ion Ratio Lower Upper
41 100
39 53.9 45.2 67.8
67 72.9 52.6 78.8
52 30.3 22.7 34.1

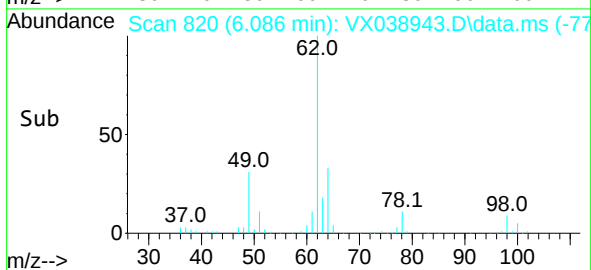
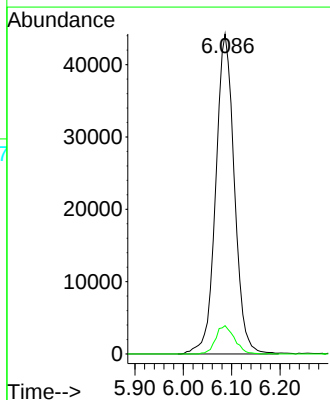
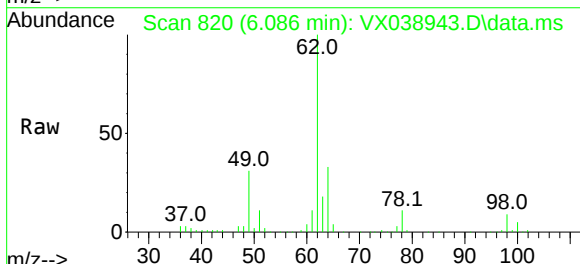
Manual Integrations
APPROVED

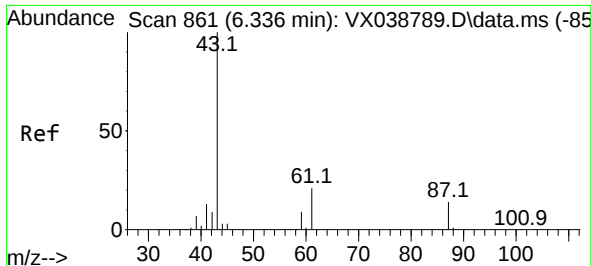
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 51.382 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 62 Resp: 118401
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 47.671 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038943.D

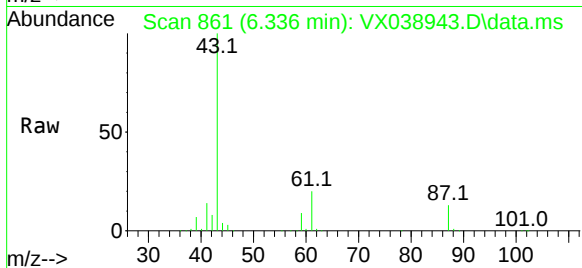
Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

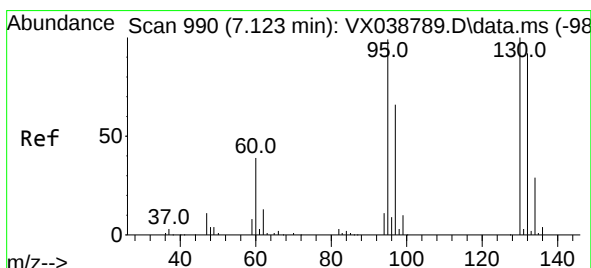
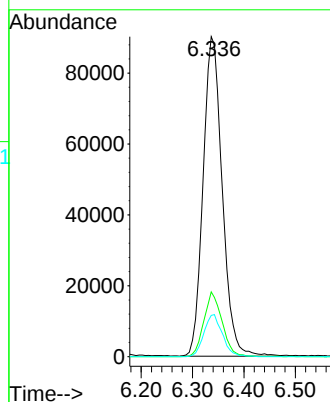
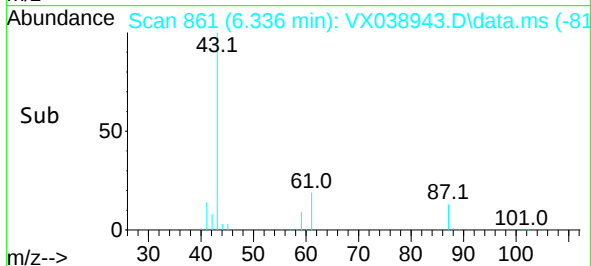


Tgt Ion: 43	Resp: 23340
Ion Ratio	Lower Upper
43	100
61	19.4 15.2 22.8
87	12.8 9.8 14.6

Manual Integrations
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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 77.415 ug/l

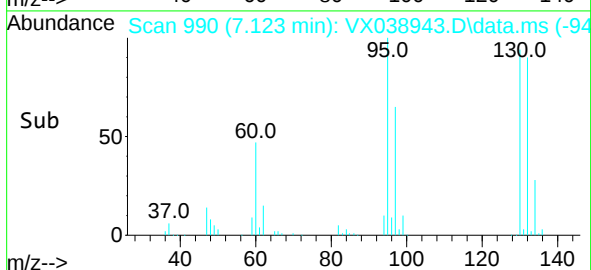
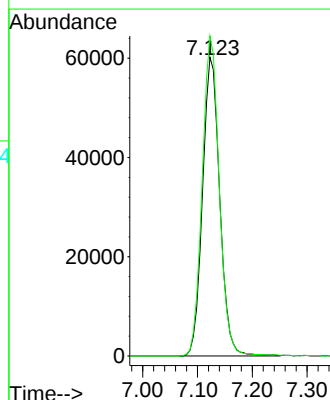
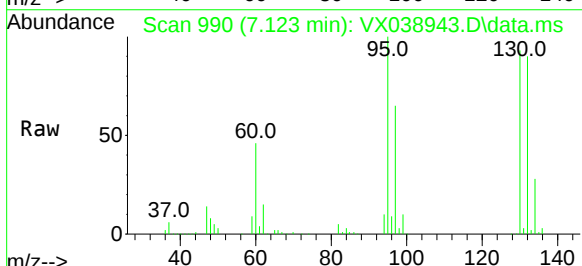
RT: 7.123 min Scan# 990

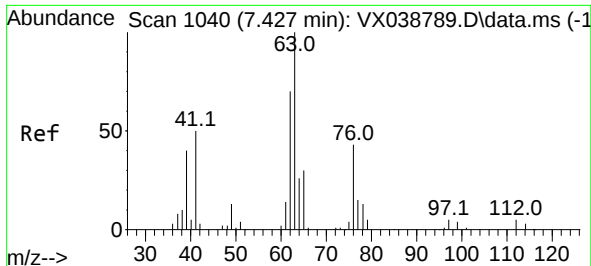
Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

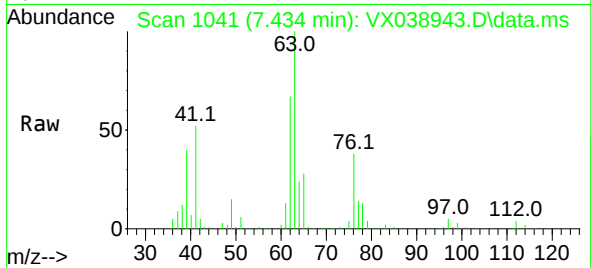
Tgt Ion:130	Resp: 131057
Ion Ratio	Lower Upper
130	100
95	107.1 0.0 204.4





#45
1,2-Dichloropropane
Concen: 47.691 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

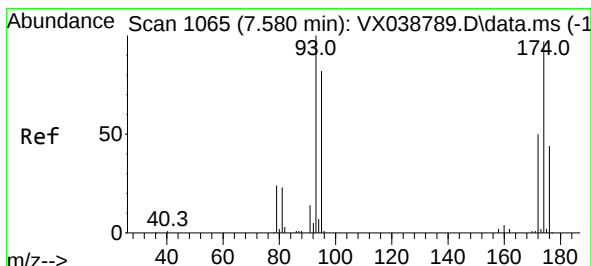
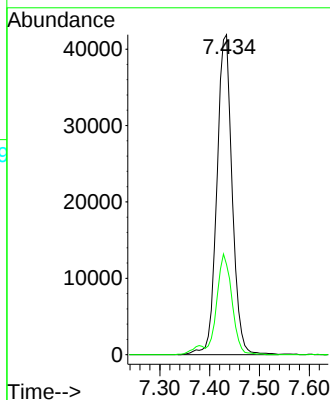
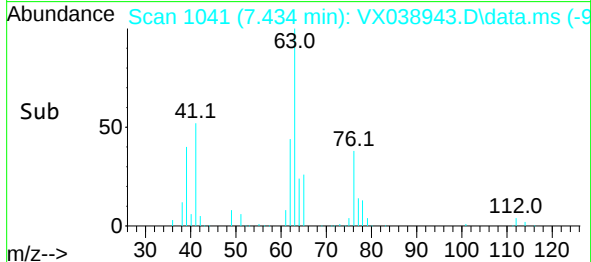
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 63 Resp: 8926
Ion Ratio Lower Upper
63 100
65 28.2 24.3 36.5

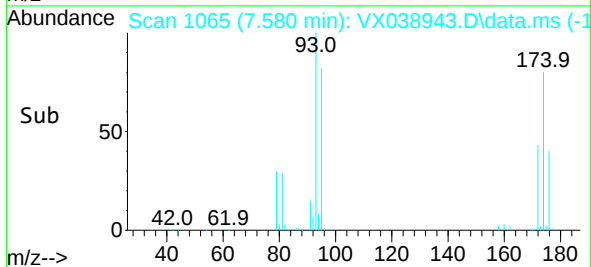
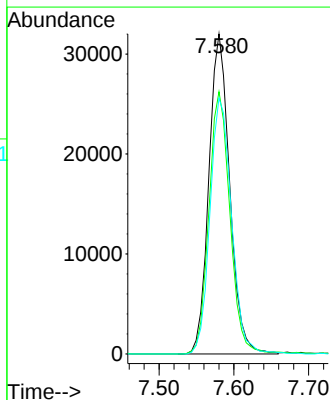
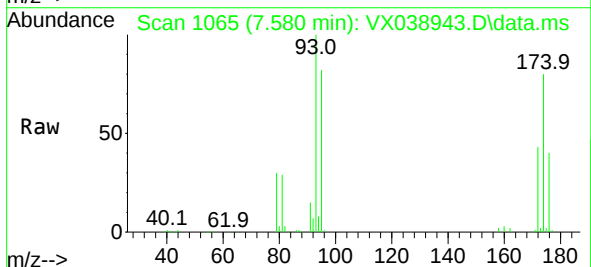
Manual Integrations
APPROVED

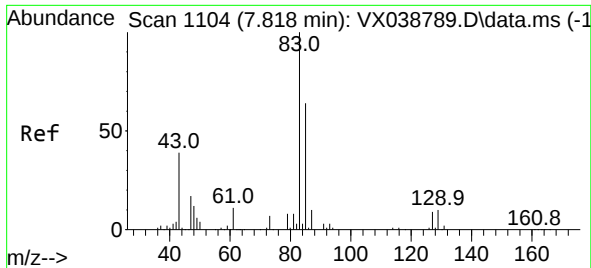
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#46
Dibromomethane
Concen: 49.629 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

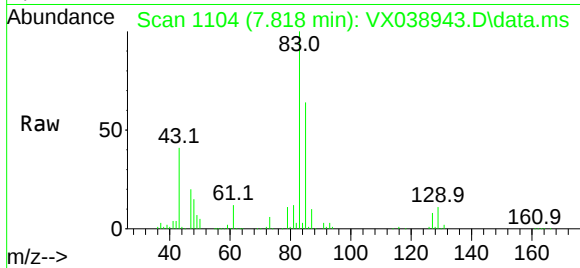
Tgt Ion: 93 Resp: 61945
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 83.2 69.4 104.0





#47
Bromodichloromethane
Concen: 48.706 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

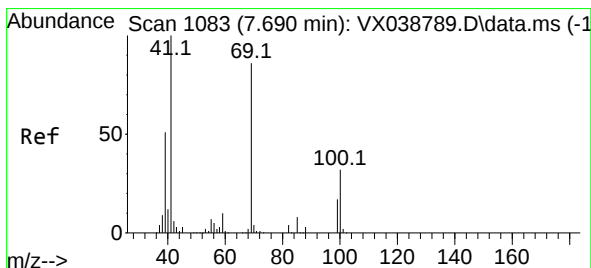
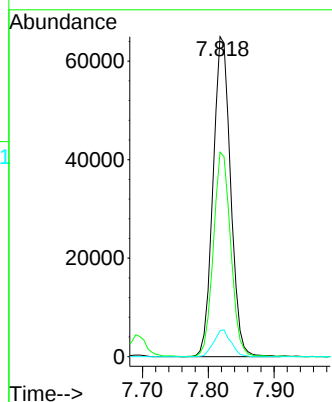
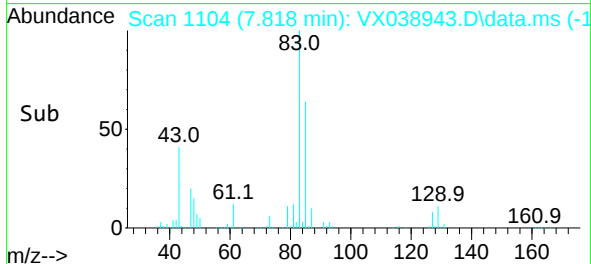
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 83 Resp: 120659
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 8.1 7.1 10.7

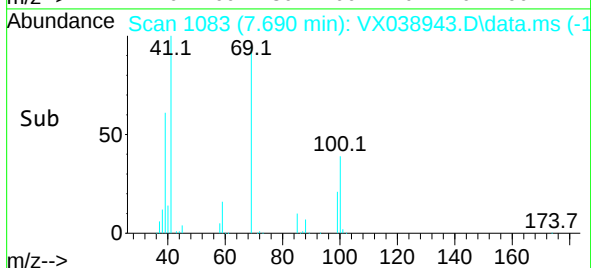
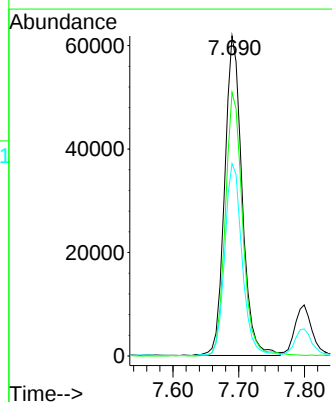
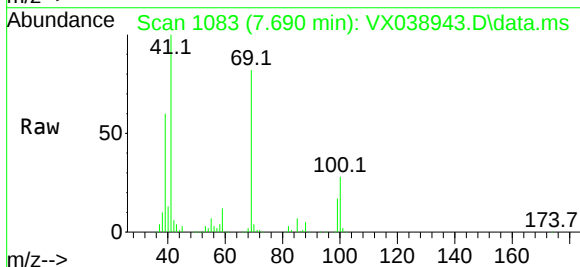
Manual Integrations
APPROVED

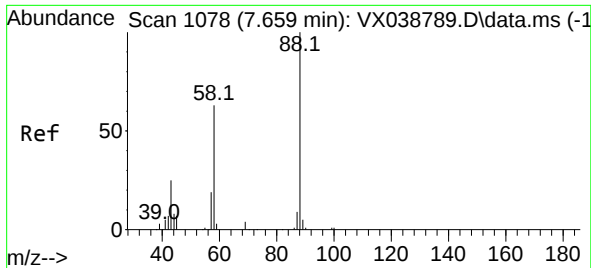
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 47.791 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

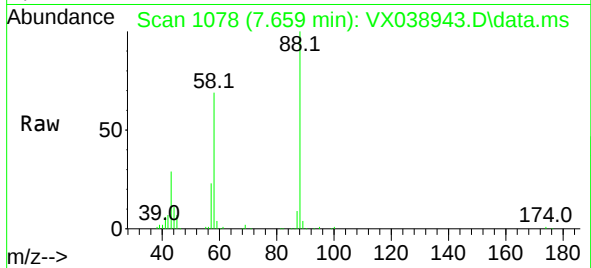
Tgt Ion: 41 Resp: 113532
Ion Ratio Lower Upper
41 100
69 82.1 59.2 88.8
39 59.8 47.7 71.5





#49
1,4-Dioxane
Concen: 1191.465 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

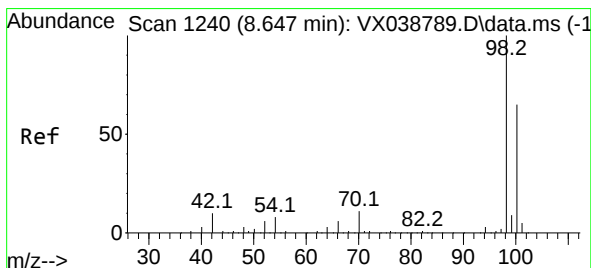
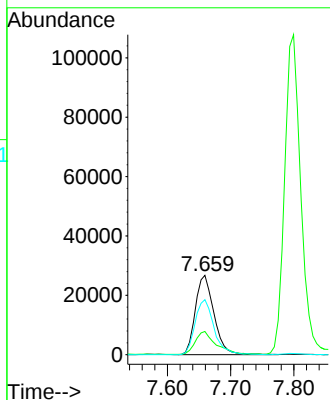
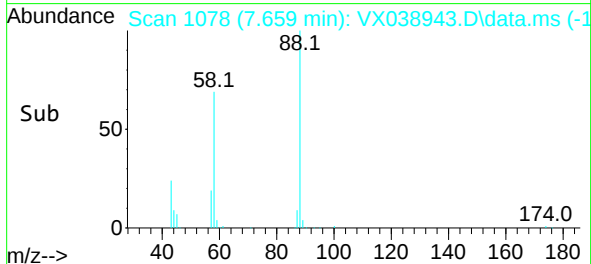
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 88 Resp: 54758
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0
58 70.5 60.1 90.1

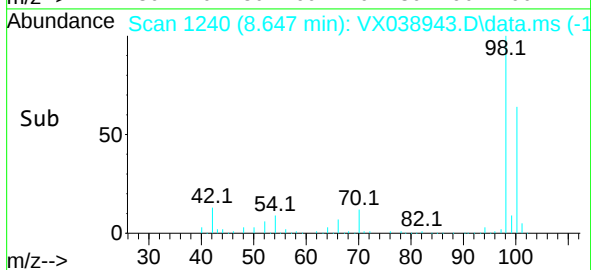
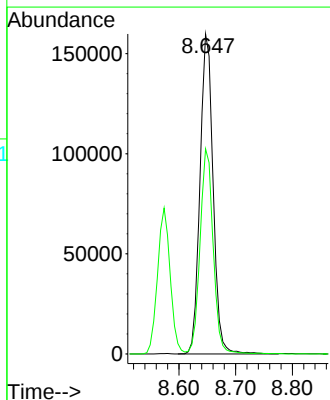
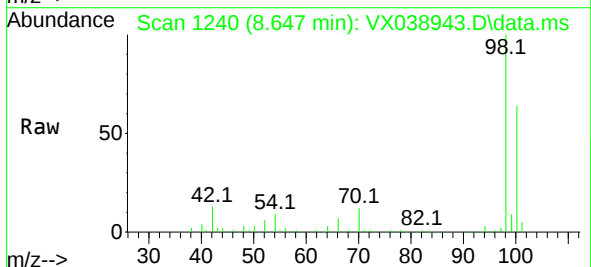
Manual Integrations
APPROVED

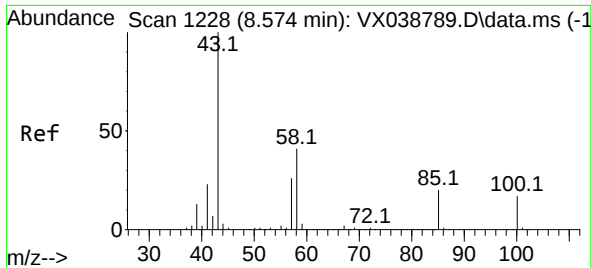
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#50
Toluene-d8
Concen: 40.834 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

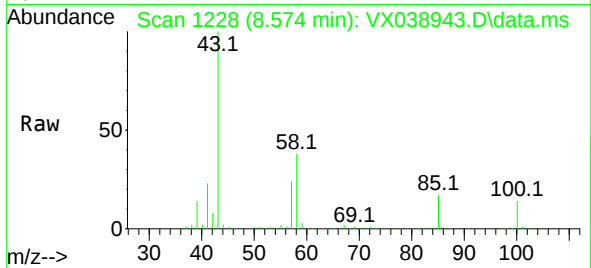
Tgt Ion: 98 Resp: 256329
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 259.973 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

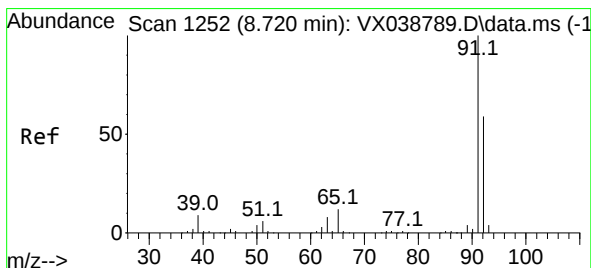
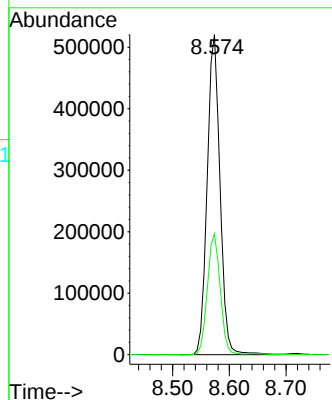
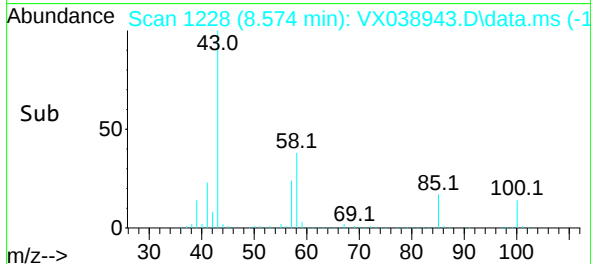
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion: 43 Resp: 813438
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

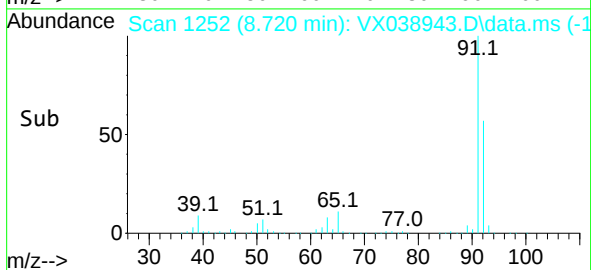
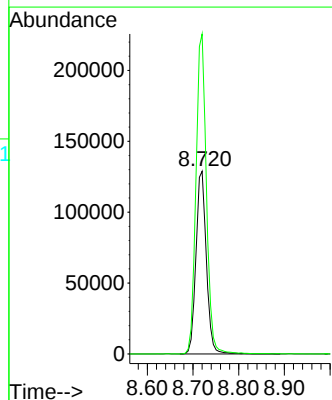
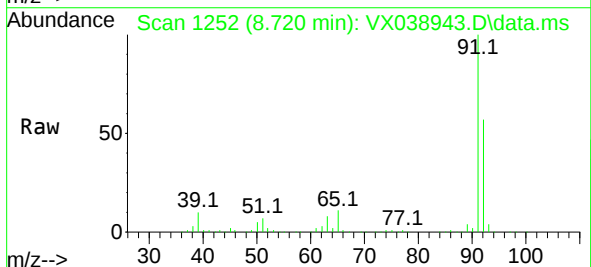
Manual Integrations
APPROVED

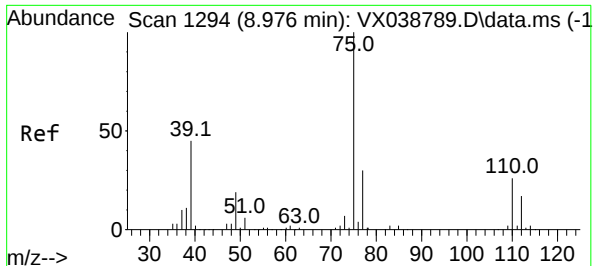
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 47.218 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Tgt Ion: 92 Resp: 203791
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 45.676 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 75 Resp: 134468

Ion Ratio Lower Upper

75 100

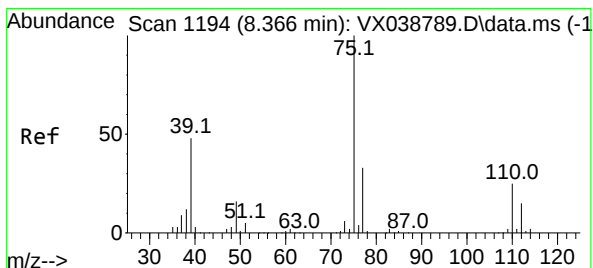
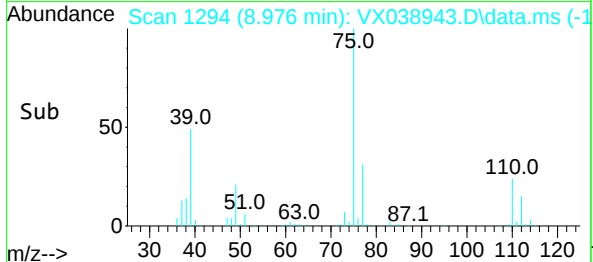
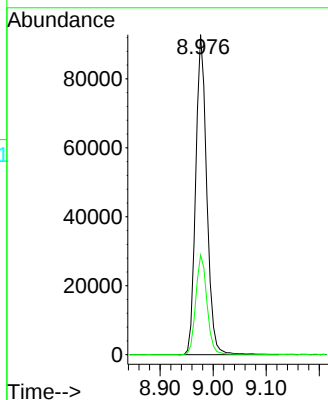
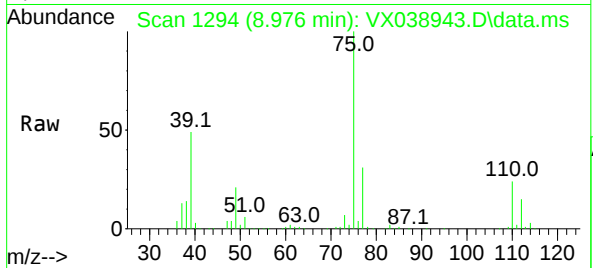
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#54

cis-1,3-Dichloropropene

Concen: 45.985 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

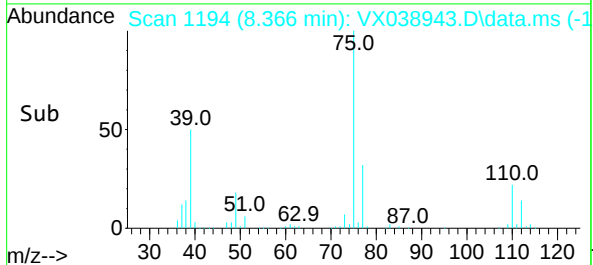
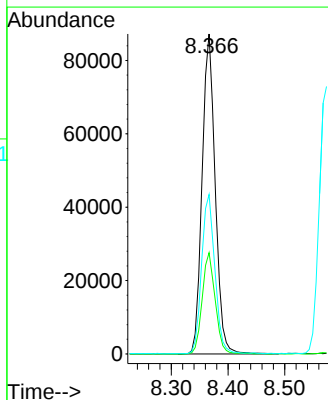
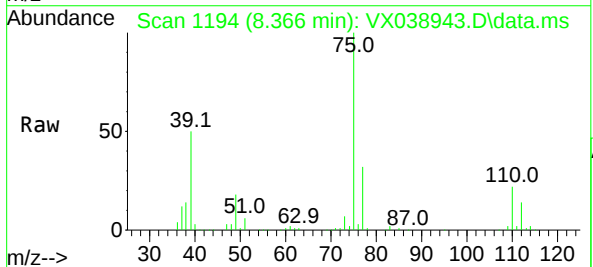
Tgt Ion: 75 Resp: 139839

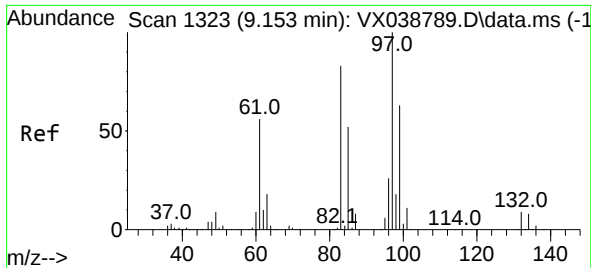
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

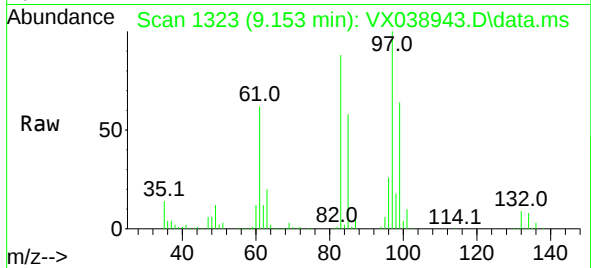
39 49.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.308 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD

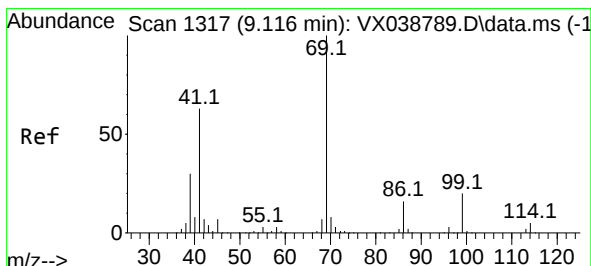
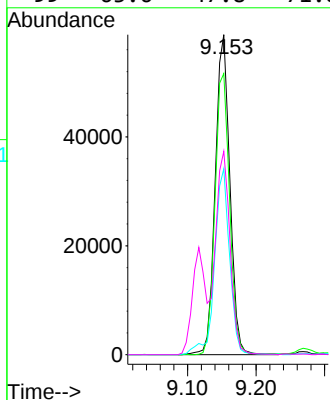
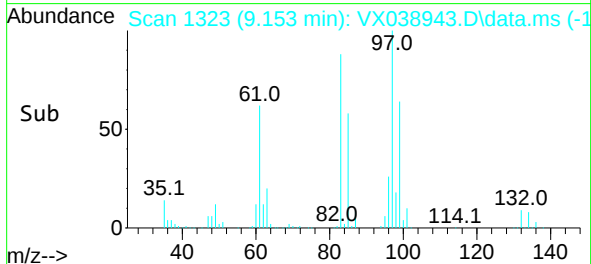


Tgt Ion: 97 Resp: 86990

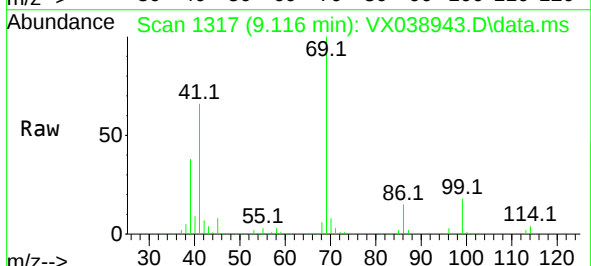
Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.8	98.8
85	58.1	41.6	62.4
99	63.6	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

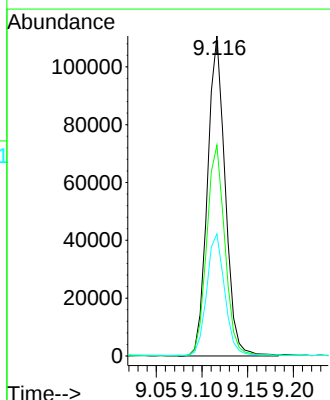
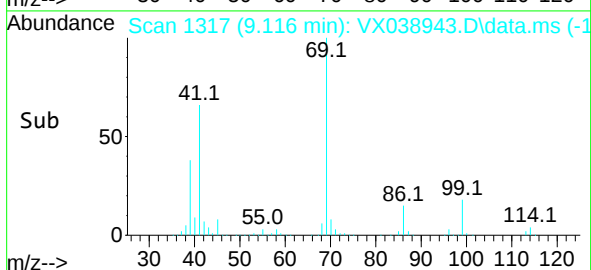


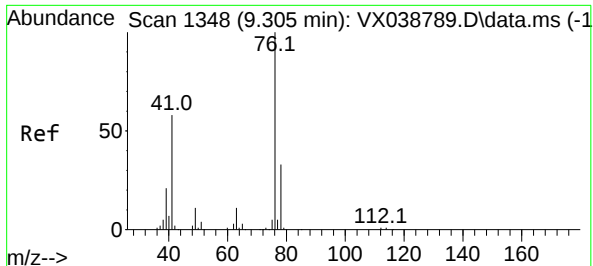
#56
Ethyl methacrylate
Concen: 48.837 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion: 69 Resp: 148807

Ion	Ratio	Lower	Upper
69	100		
41	67.5	56.8	85.2
39	38.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 48.754 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 76 Resp: 14520

Ion Ratio Lower Upper

76 100

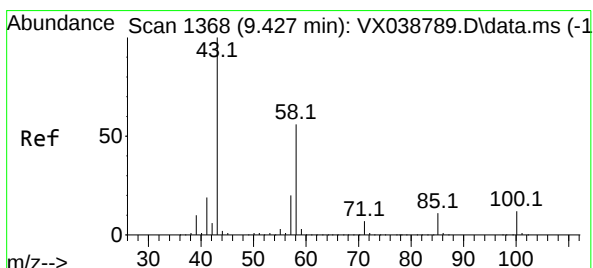
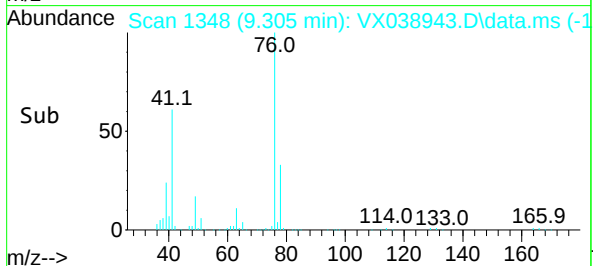
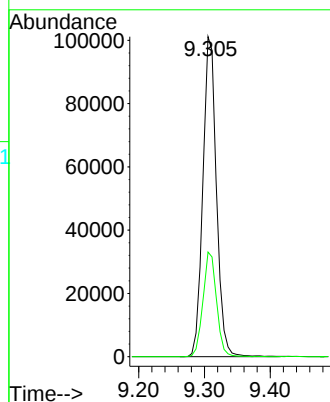
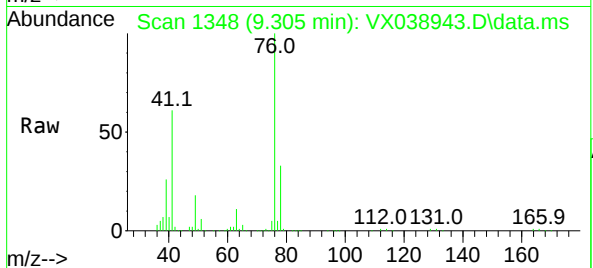
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#59

2-Hexanone

Concen: 260.591 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038943.D

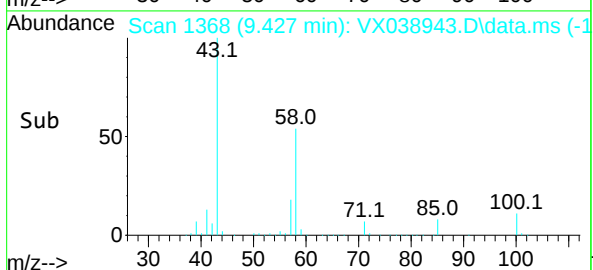
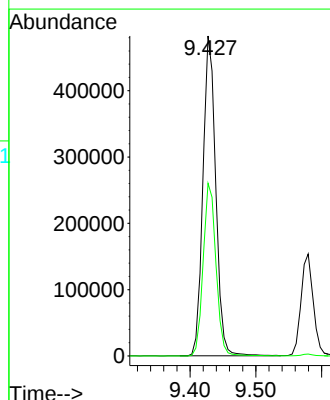
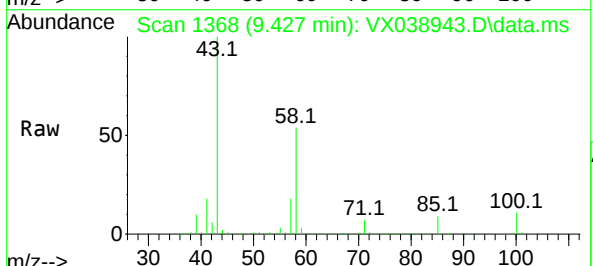
Acq: 18 Nov 2023 20:55

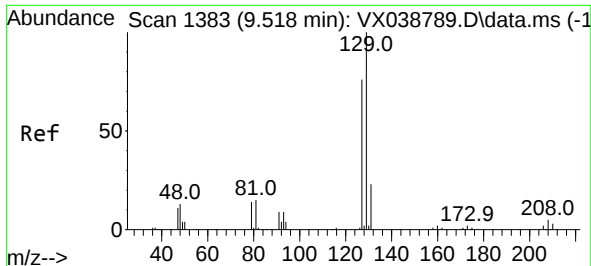
Tgt Ion: 43 Resp: 653543

Ion Ratio Lower Upper

43 100

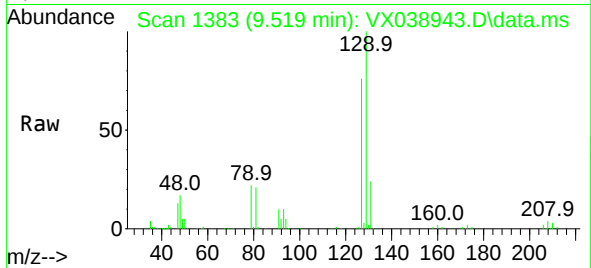
58 54.0 26.2 78.5





#60
Dibromochloromethane
Concen: 49.910 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

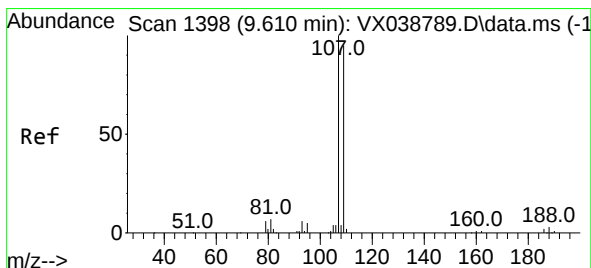
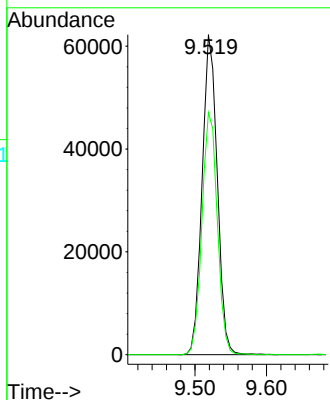
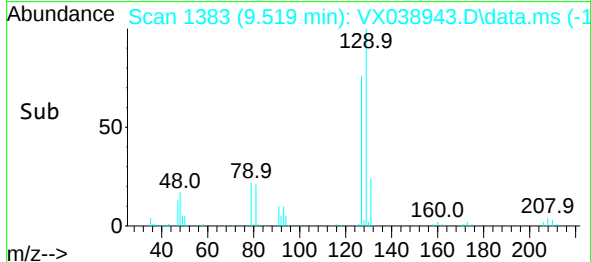
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion:129 Resp: 91390
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

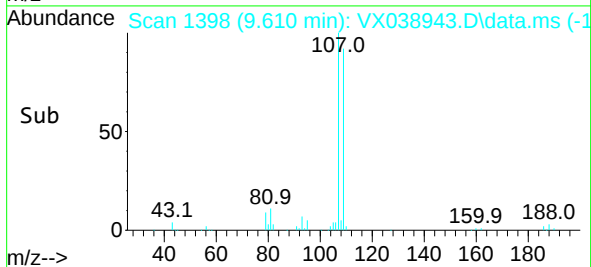
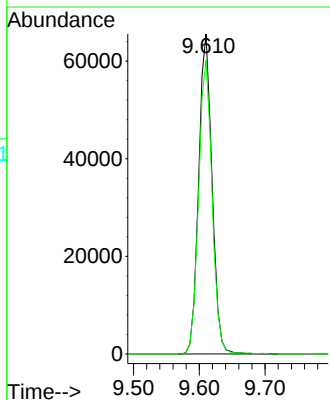
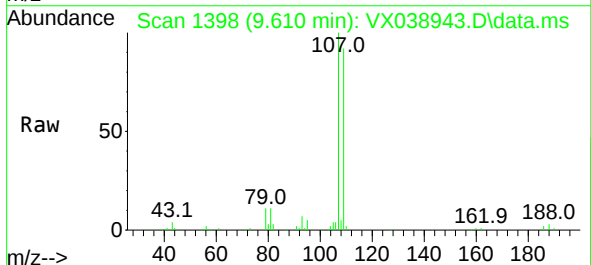
Manual Integrations
APPROVED

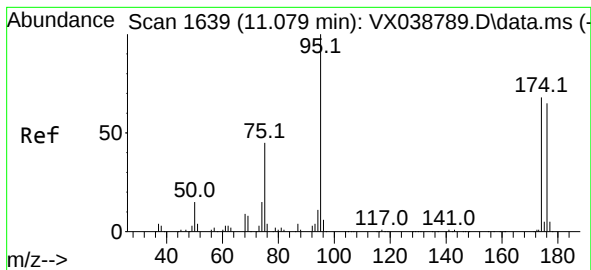
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#61
1,2-Dibromoethane
Concen: 49.027 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

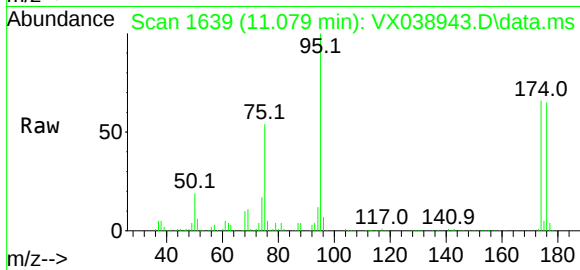
Tgt Ion:107 Resp: 92647
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 40.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

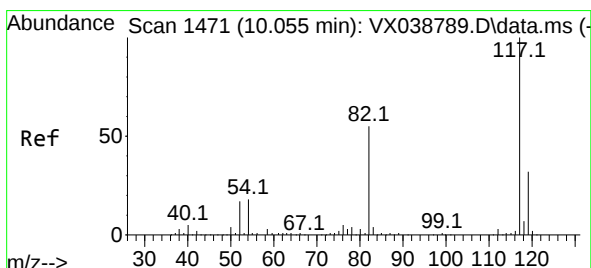
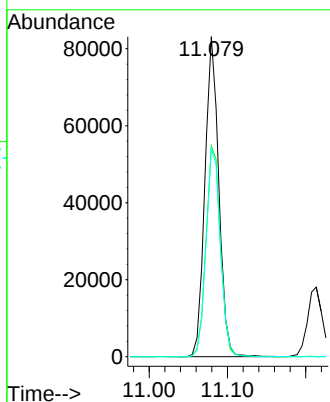
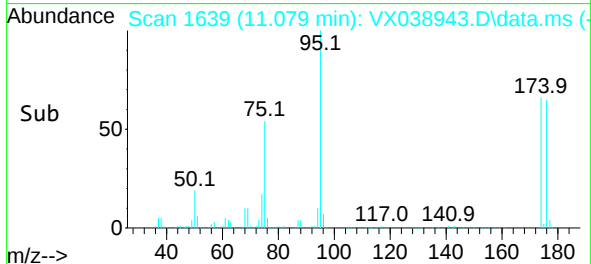
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



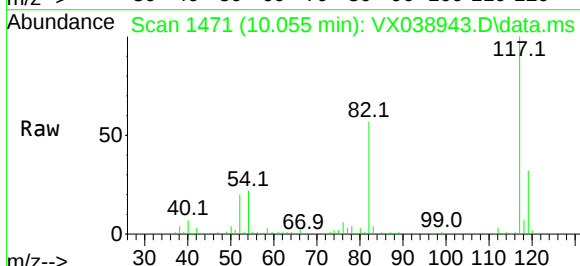
Tgt Ion: 95 Resp: 10188
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 67.2 0.0 131.0

Manual Integrations
APPROVED

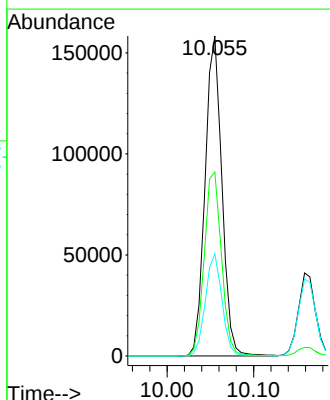
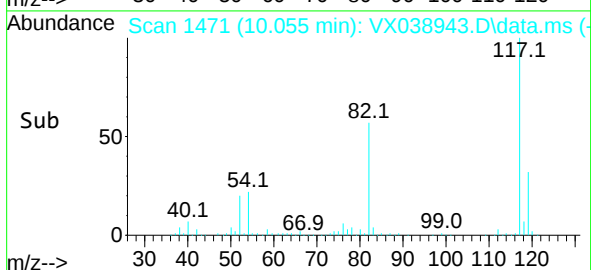
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

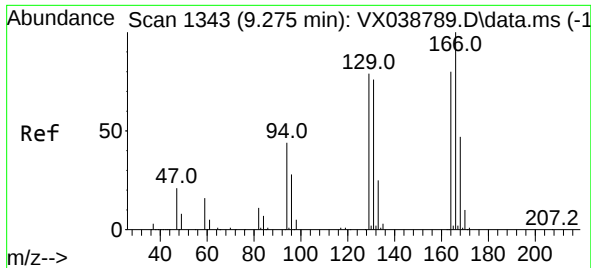


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



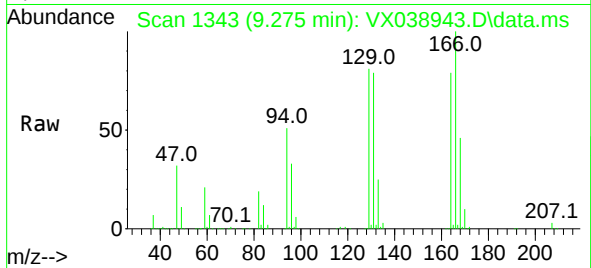
Tgt Ion:117 Resp: 213584
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.9 25.5 38.3





#64
Tetrachloroethene
Concen: 47.339 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

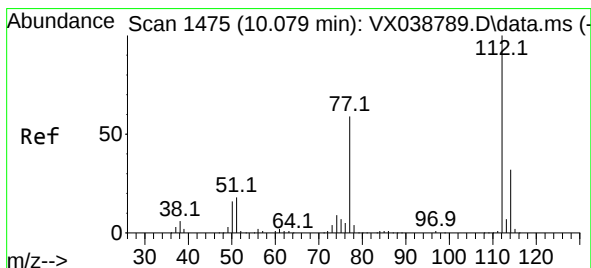
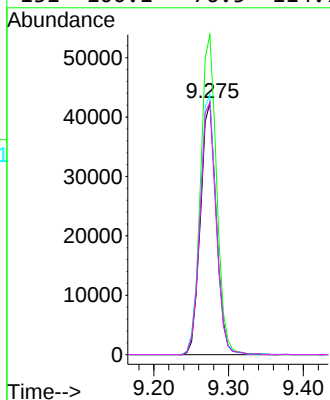
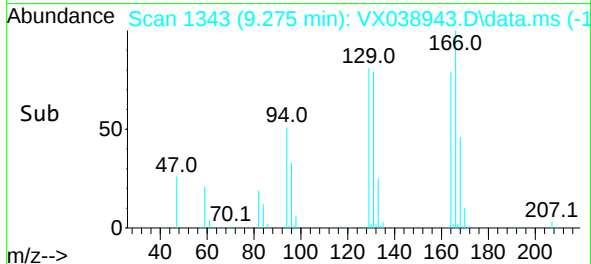
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



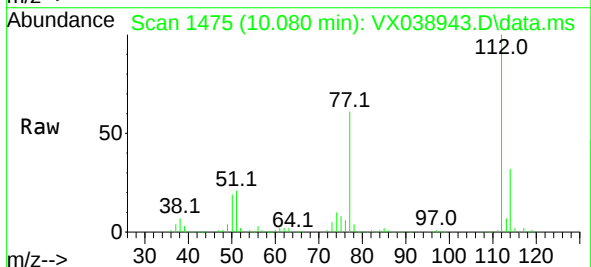
Tgt Ion:164 Resp: 6284
Ion Ratio Lower Upper
164 100
166 127.0 102.7 154.1
129 103.3 80.4 120.6
131 100.1 76.5 114.7

Manual Integrations
APPROVED

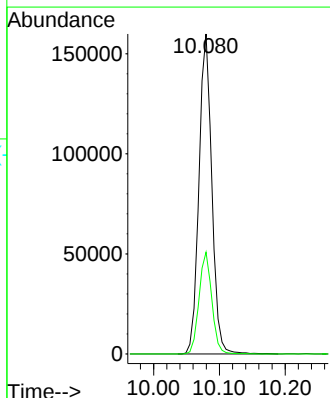
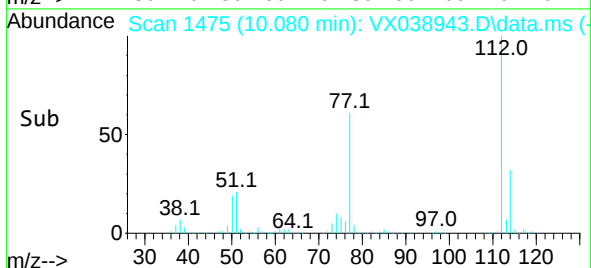
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

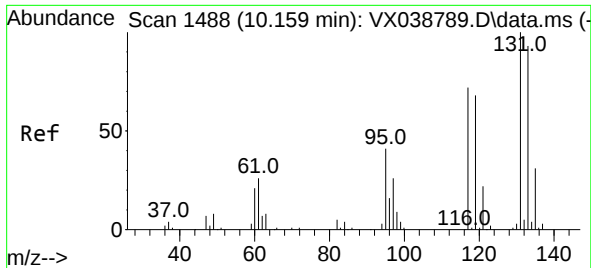


#65
Chlorobenzene
Concen: 47.230 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



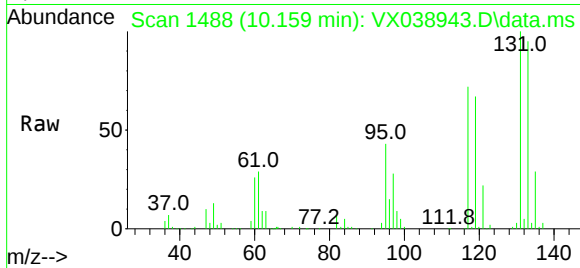
Tgt Ion:112 Resp: 217297
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 48.170 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

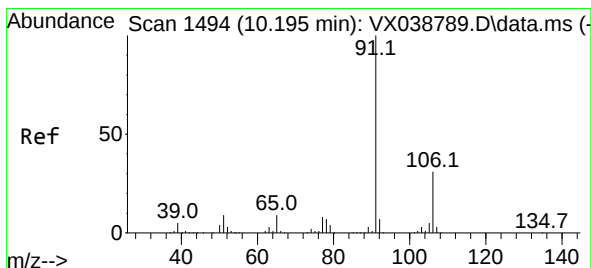
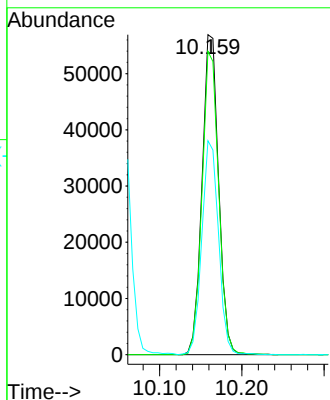
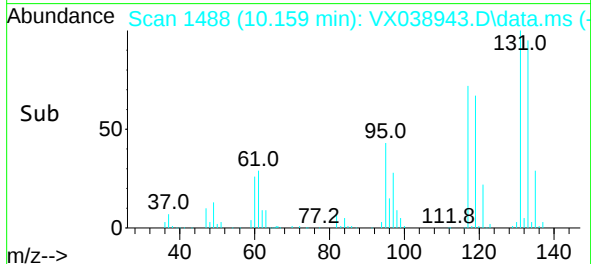
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion:131 Resp: 7972
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 67.4 32.2 96.6

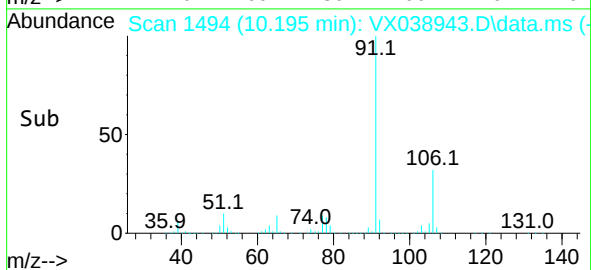
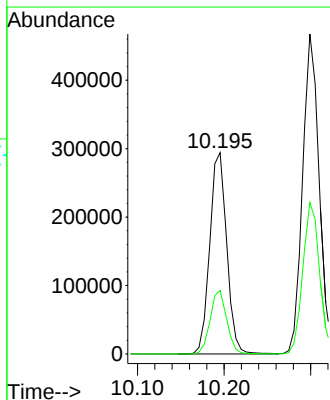
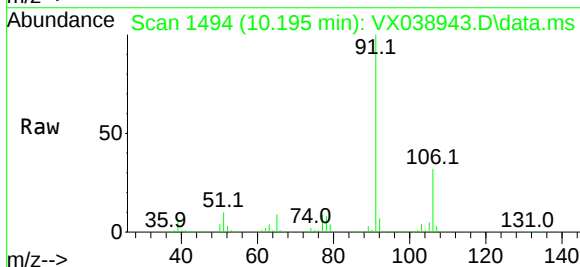
Manual Integrations
APPROVED

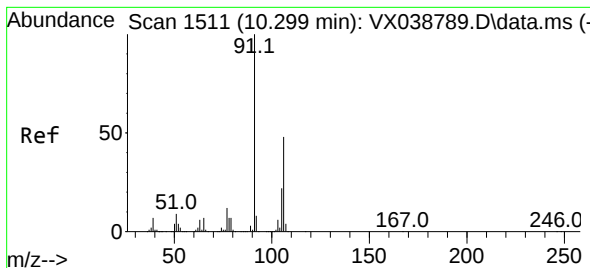
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#67
Ethyl Benzene
Concen: 47.334 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

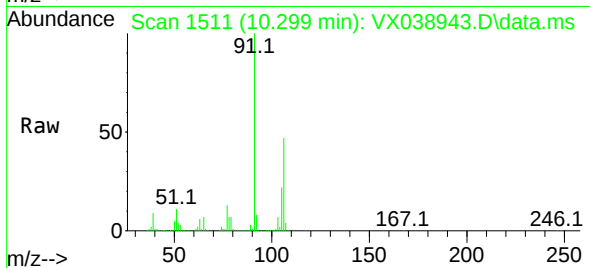
Tgt Ion: 91 Resp: 400110
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3





#68
m/p-Xylenes
Concen: 93.236 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

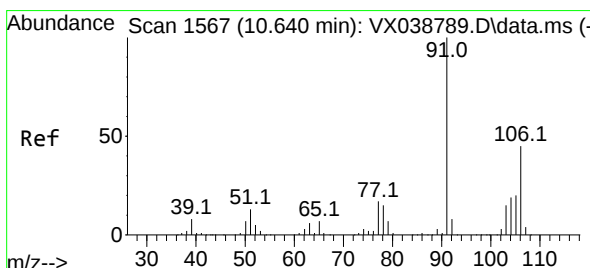
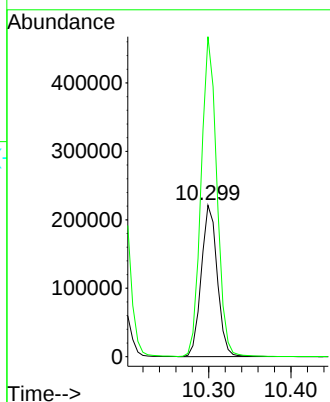
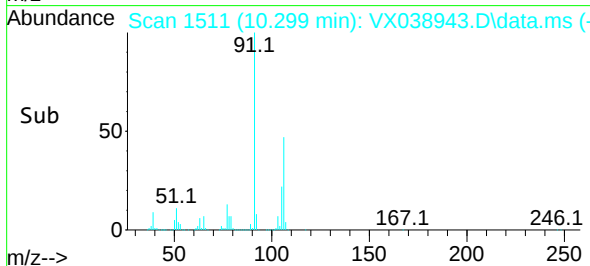
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



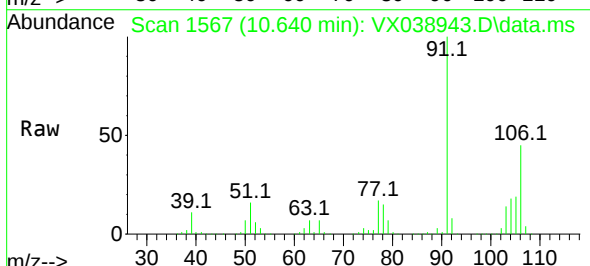
Tgt Ion:106 Resp: 298120
Ion Ratio Lower Upper
106 100
91 208.7 165.5 248.3

Manual Integrations
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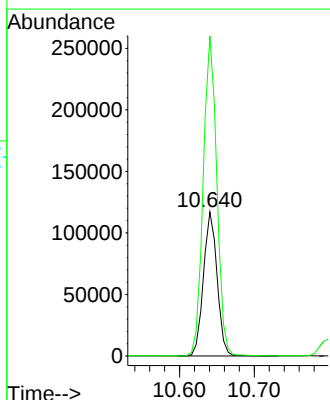
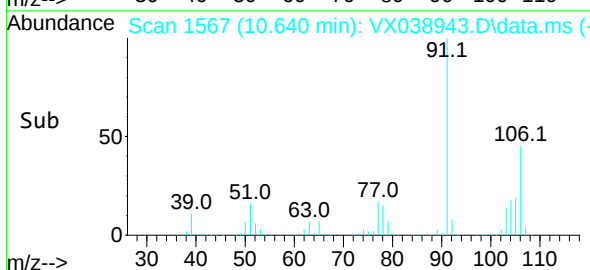
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

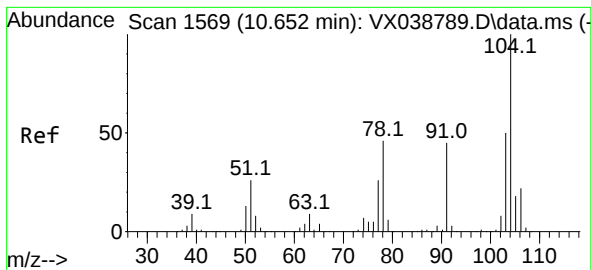


#69
o-Xylene
Concen: 46.788 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion:106 Resp: 148036
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.8





#70

Styrene

Concen: 46.635 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

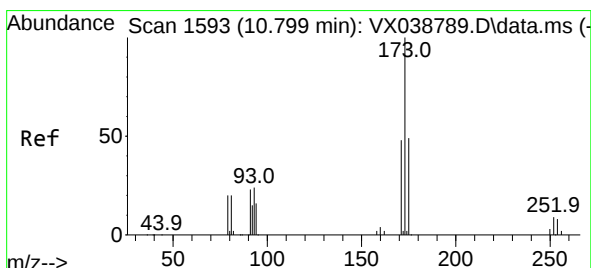
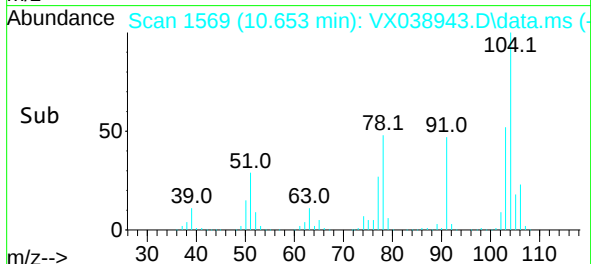
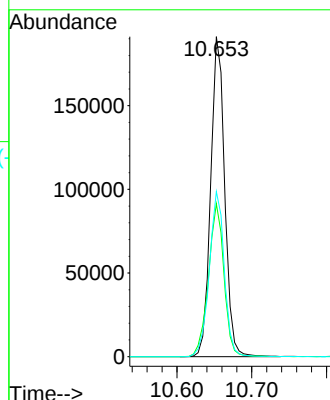
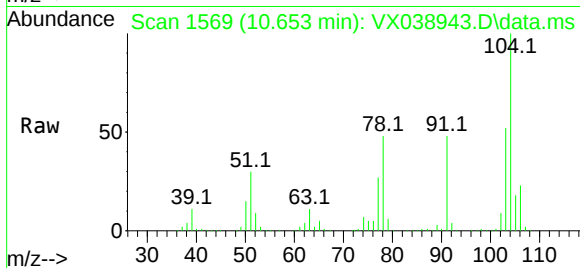
Tgt Ion:104	Resp:	24919
Ion Ratio	Lower	Upper
104	100	
78	52.8	43.6 65.4
103	55.4	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#71

Bromoform

Concen: 49.036 ug/l

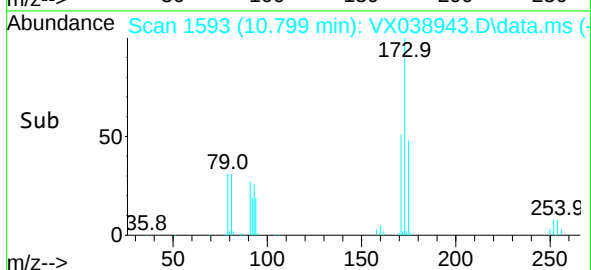
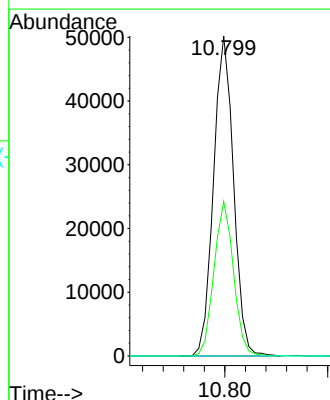
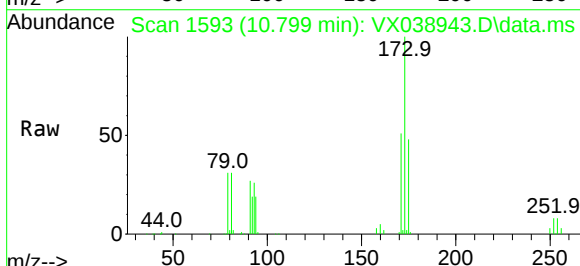
RT: 10.799 min Scan# 1593

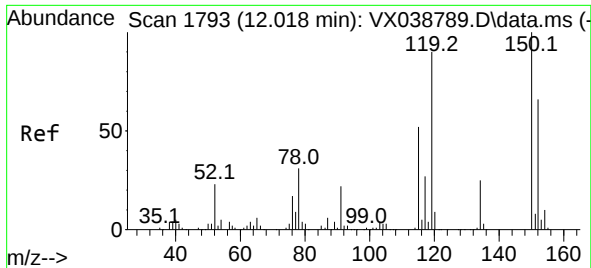
Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

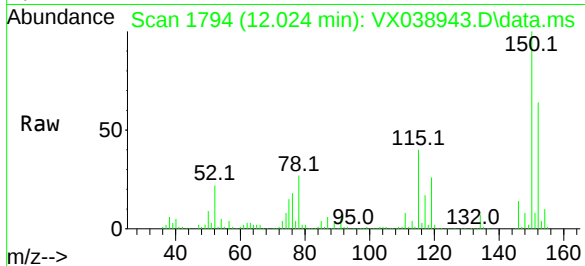
Tgt Ion:173	Resp:	67654
Ion Ratio	Lower	Upper
173	100	
175	47.1	24.1 72.4
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

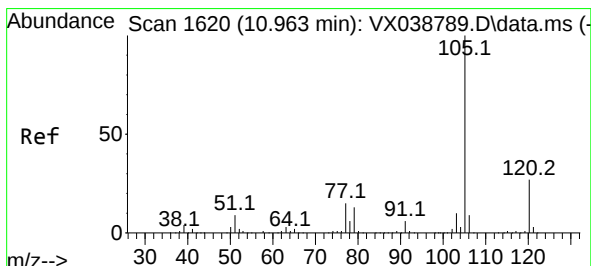
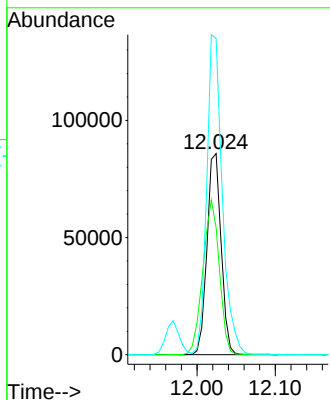
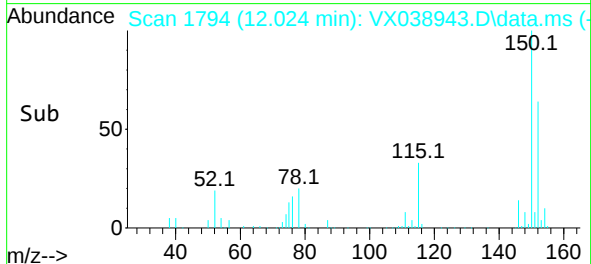
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



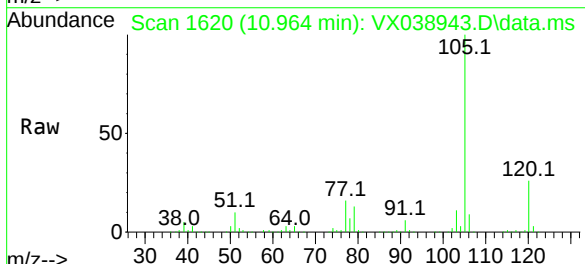
Tgt Ion:152 Resp: 107554
Ion Ratio Lower Upper
152 100
115 89.0 43.3 129.9
150 175.1 0.0 345.0

Manual Integrations
APPROVED

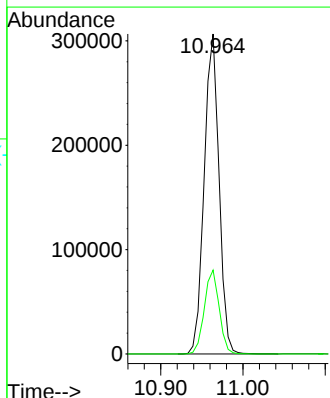
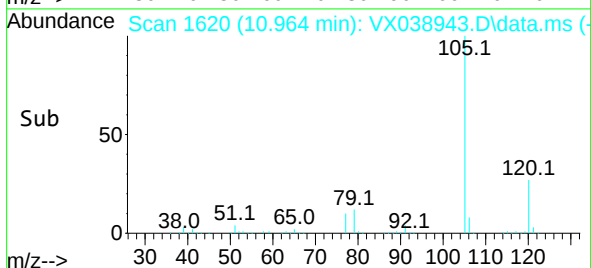
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

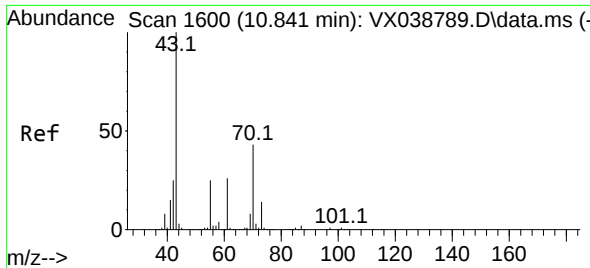


#73
Isopropylbenzene
Concen: 45.872 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



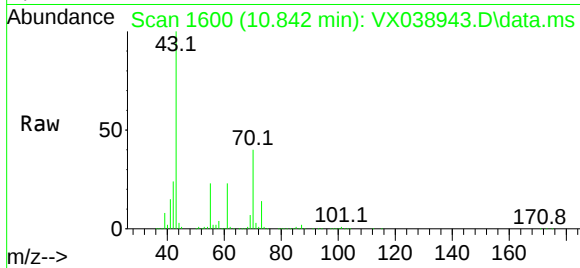
Tgt Ion:105 Resp: 384410
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6





#74
N-amy1 acetate
Concen: 43.891 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

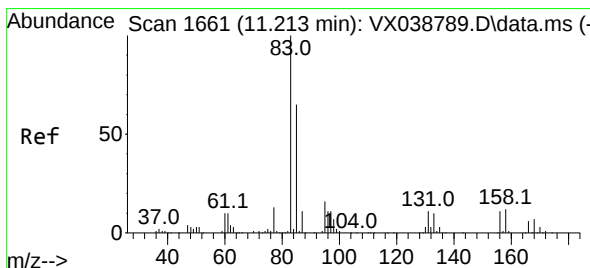
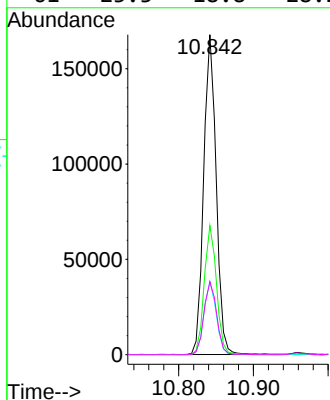
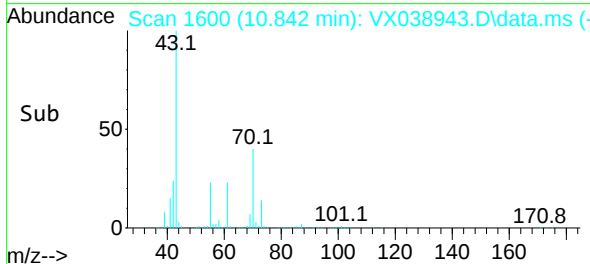
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



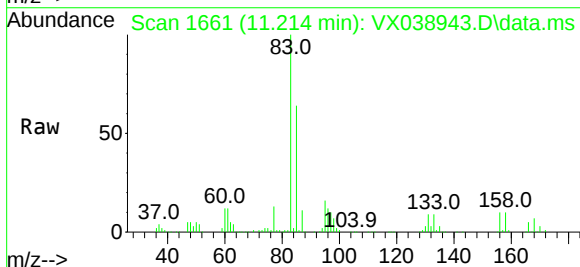
Tgt Ion: 43 Resp: 194428
Ion Ratio Lower Upper
43 100
70 39.8 32.9 49.3
55 22.9 19.3 28.9
61 23.3 18.8 28.2

Manual Integrations
APPROVED

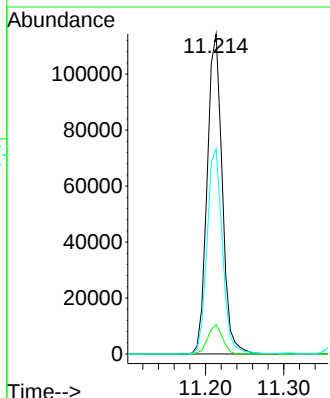
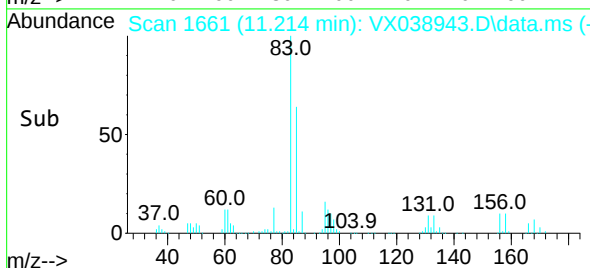
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

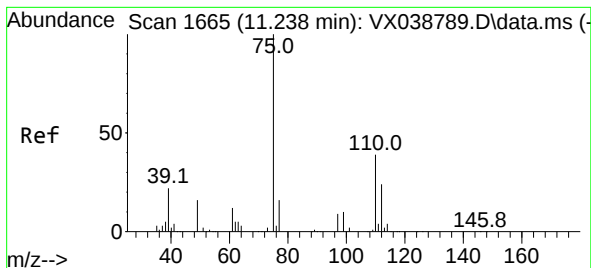


#75
1,1,2,2-Tetrachloroethane
Concen: 46.489 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



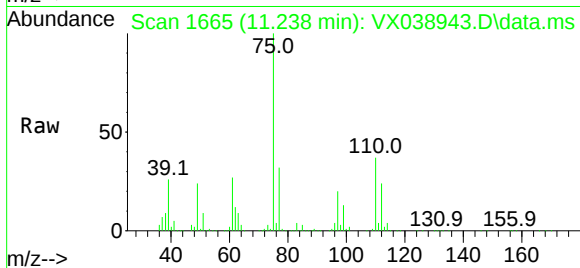
Tgt Ion: 83 Resp: 152077
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 65.3 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 47.002 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

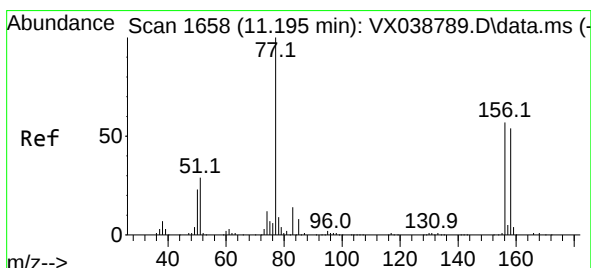
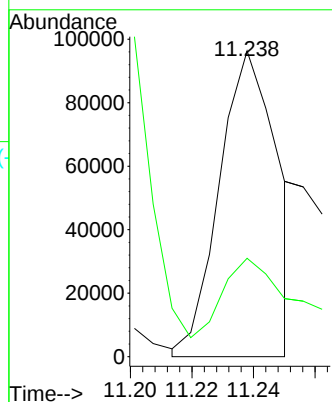
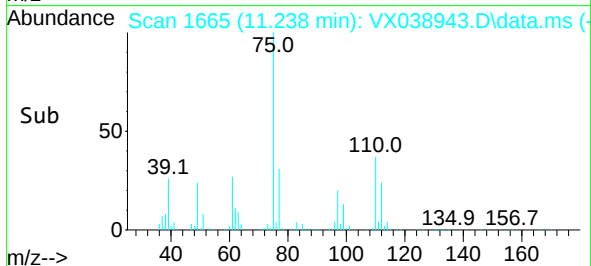
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



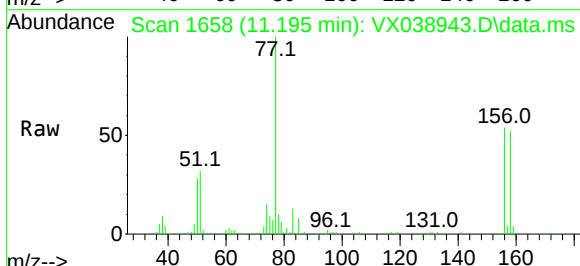
Tgt Ion: 75 Resp: 126129
Ion Ratio Lower Upper
75 100
77 44.7 19.1 57.5

Manual Integrations
APPROVED

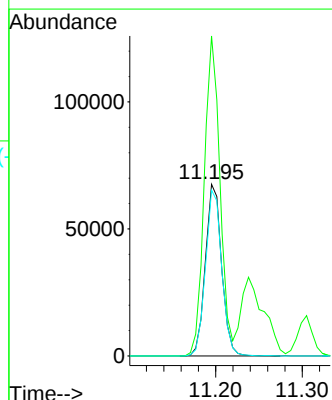
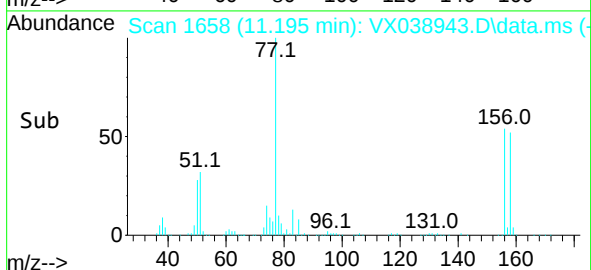
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

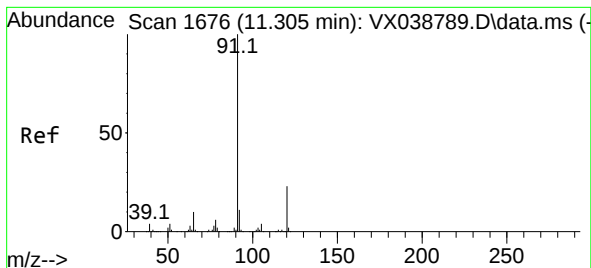


#77
Bromobenzene
Concen: 46.670 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion:156 Resp: 87877
Ion Ratio Lower Upper
156 100
77 180.3 88.4 265.3
158 96.5 48.0 144.0





#78

n-propylbenzene

Concen: 45.877 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion: 91 Resp: 47321

Ion Ratio Lower Upper

91 100

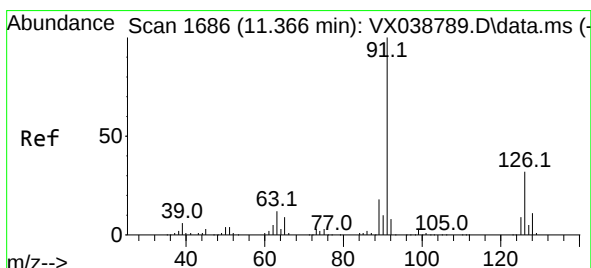
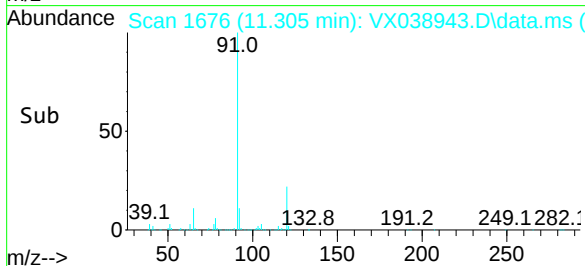
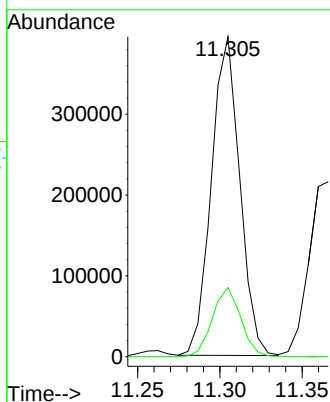
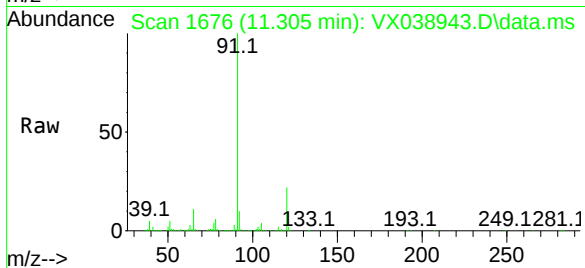
120 21.8 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#79

2-Chlorotoluene

Concen: 45.417 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX038943.D

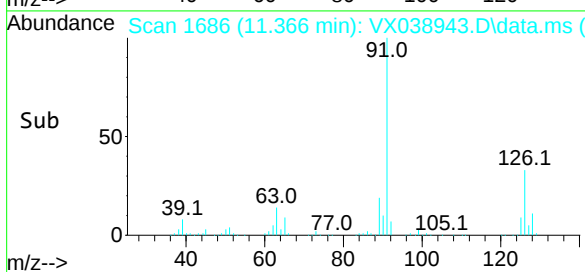
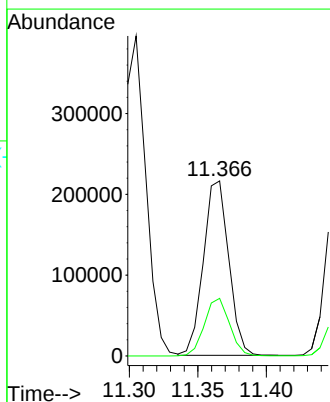
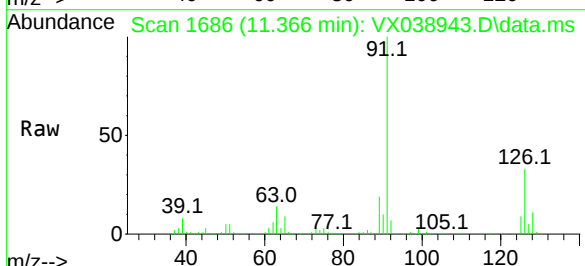
Acq: 18 Nov 2023 20:55

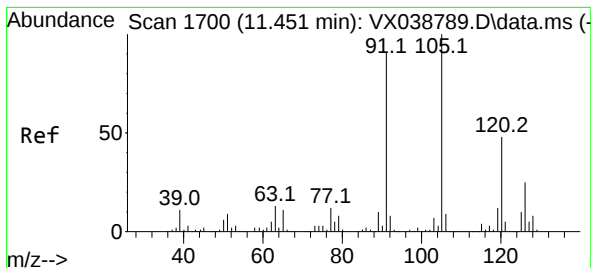
Tgt Ion: 91 Resp: 278022

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 46.946 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion:105 Resp: 33078

Ion Ratio Lower Upper

105 100

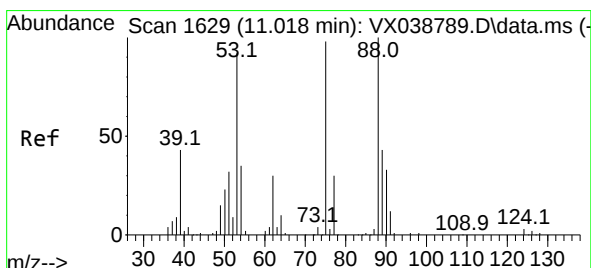
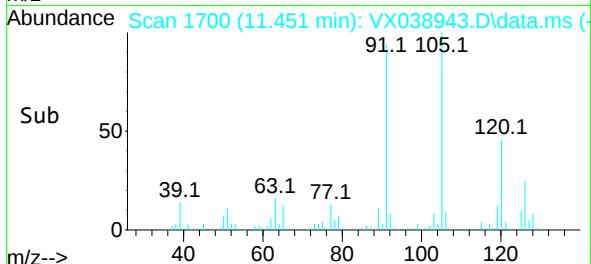
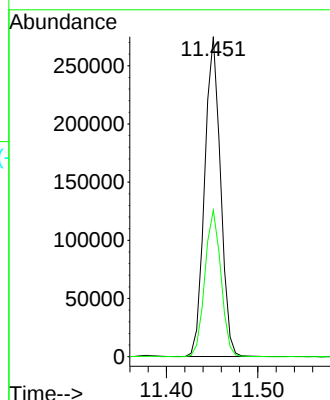
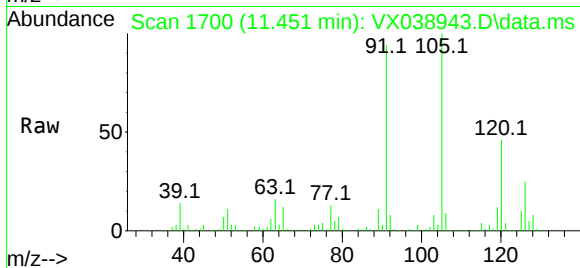
120 46.2 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 41.543 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

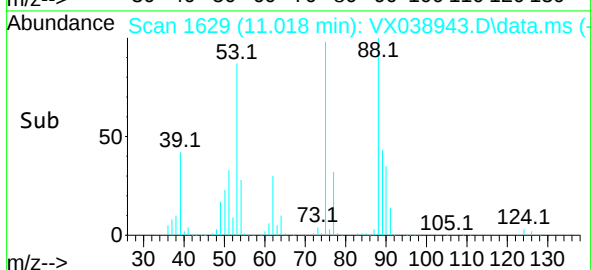
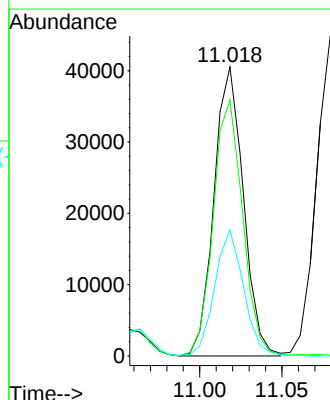
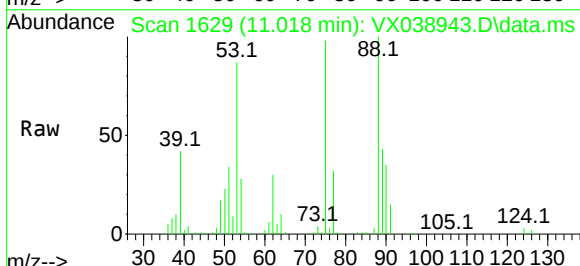
Tgt Ion: 75 Resp: 50259

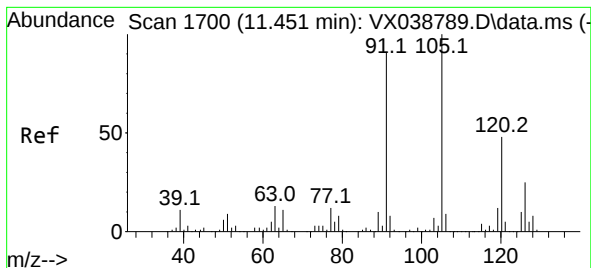
Ion Ratio Lower Upper

75 100

53 89.2 90.5 135.7#

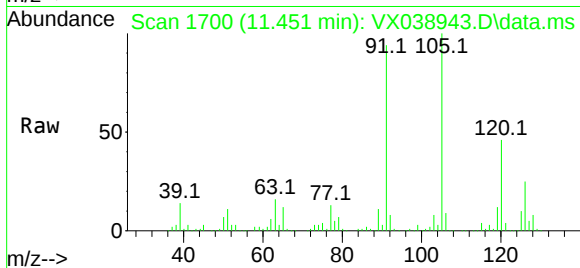
89 42.9 36.9 55.3





#82
4-Chlorotoluene
Concen: 46.277 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

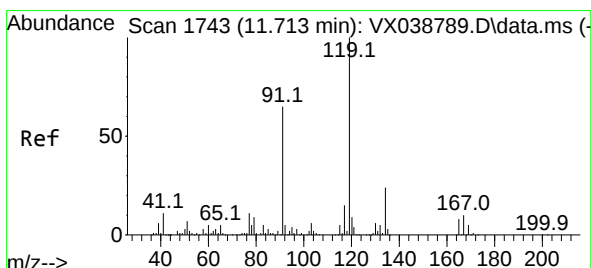
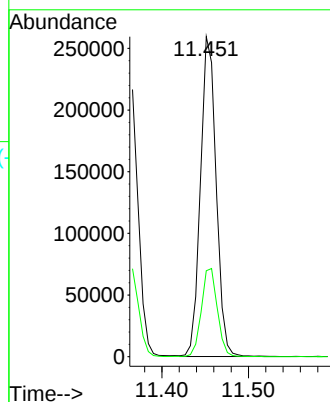
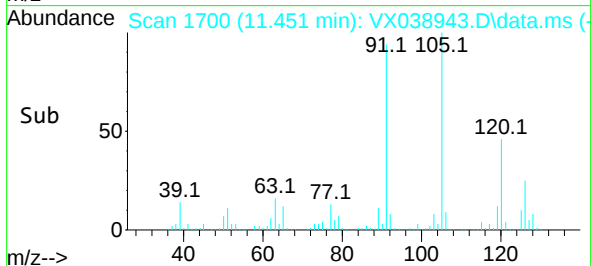
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



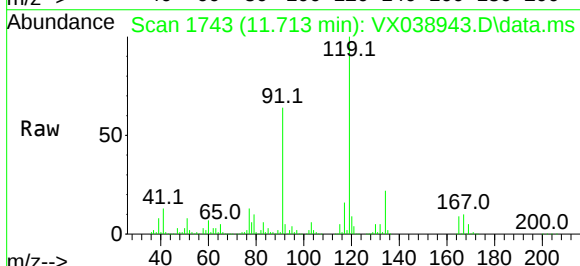
Tgt Ion: 91 Resp: 32664
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6

Manual Integrations
APPROVED

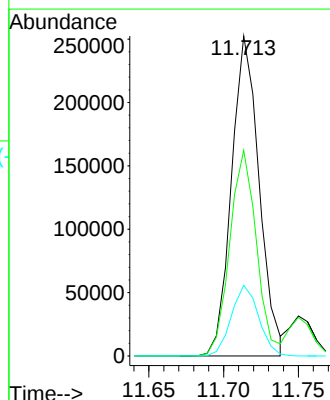
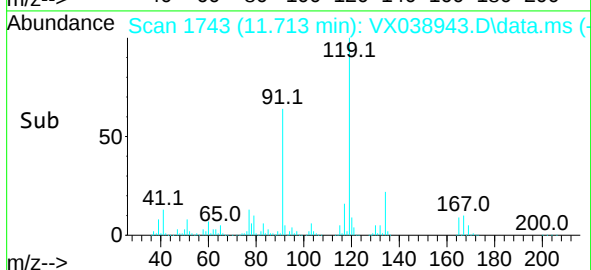
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

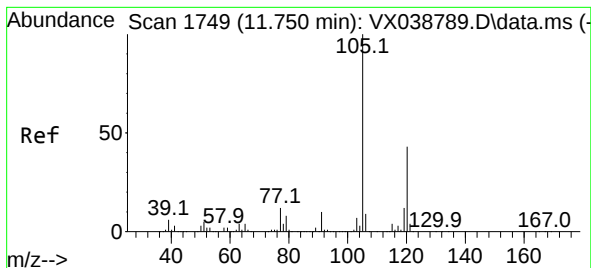


#83
tert-Butylbenzene
Concen: 46.705 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion:119 Resp: 324101
Ion Ratio Lower Upper
119 100
91 62.1 31.2 93.6
134 21.9 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 46.405 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

Tgt Ion:105 Resp: 33094

Ion Ratio Lower Upper

105 100

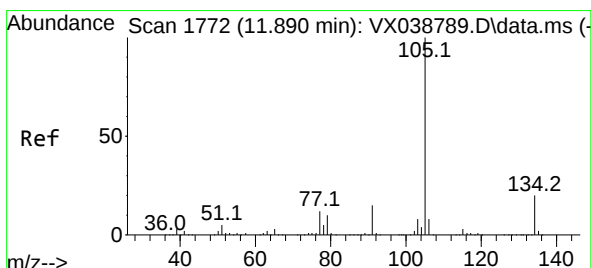
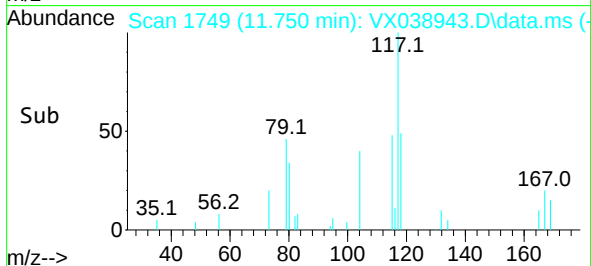
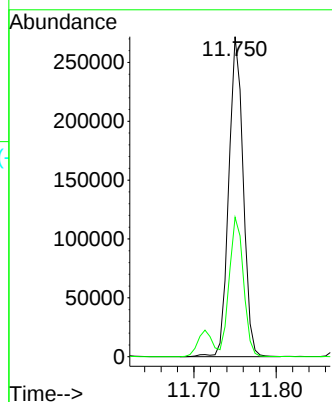
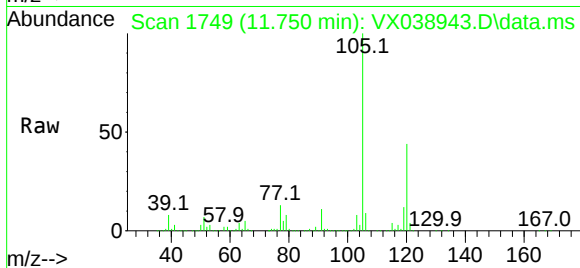
120 42.9 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#85

sec-Butylbenzene

Concen: 45.467 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038943.D

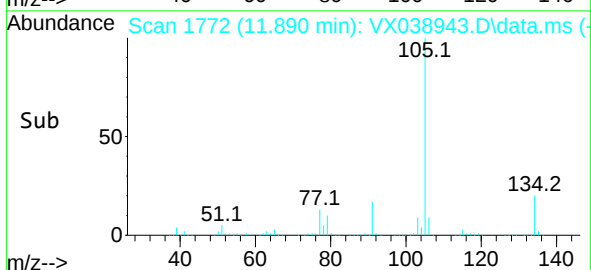
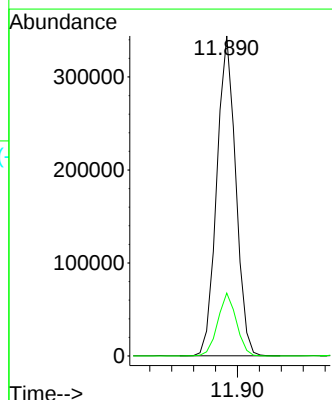
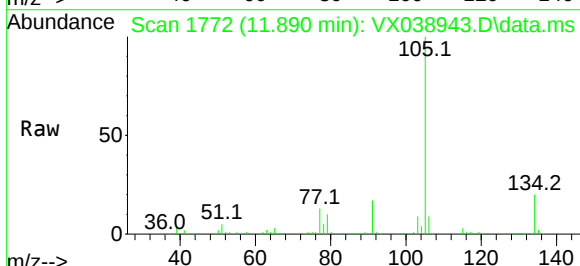
Acq: 18 Nov 2023 20:55

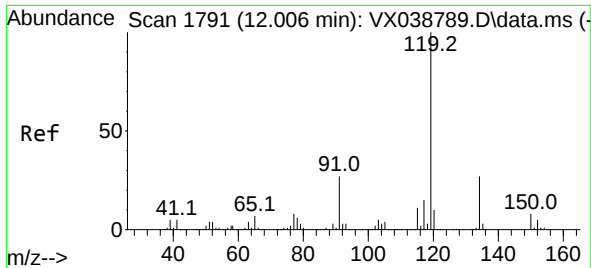
Tgt Ion:105 Resp: 412699

Ion Ratio Lower Upper

105 100

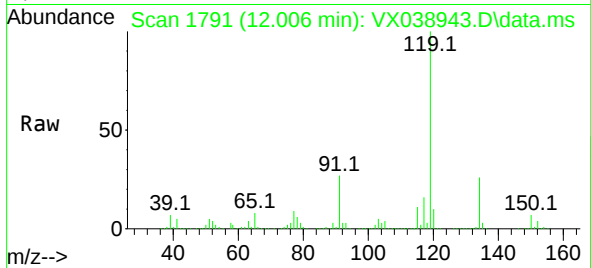
134 19.3 9.8 29.4





#86
p-Isopropyltoluene
Concen: 45.210 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

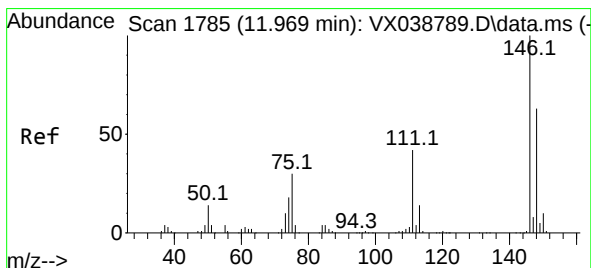
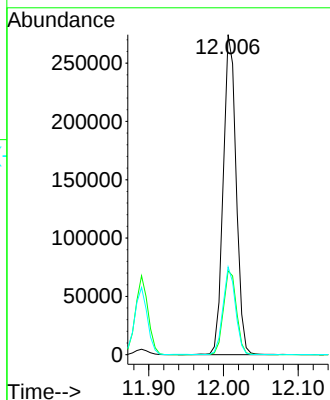
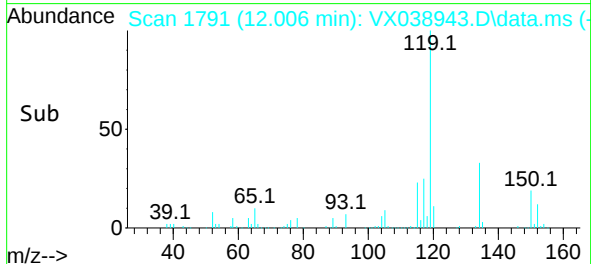
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



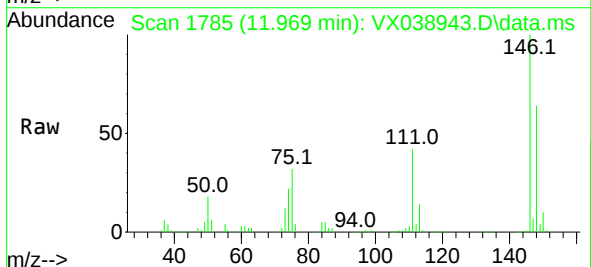
Tgt Ion:119 Resp: 32942
Ion Ratio Lower Upper
119 100
134 26.4 12.8 38.3
91 26.5 13.1 39.3

Manual Integrations
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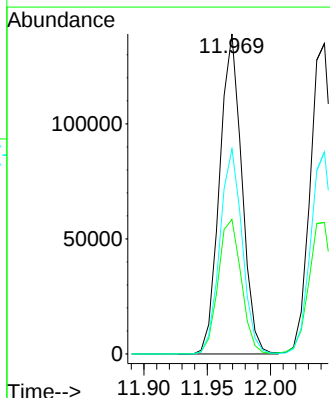
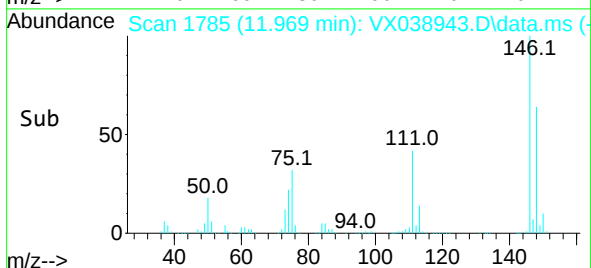
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

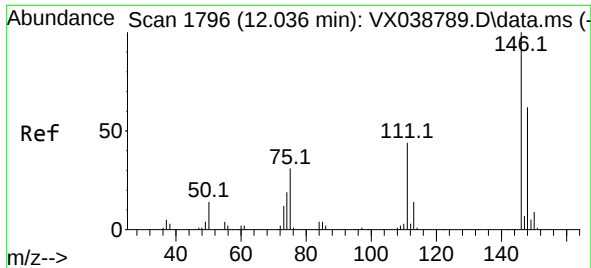


#87
1,3-Dichlorobenzene
Concen: 46.092 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



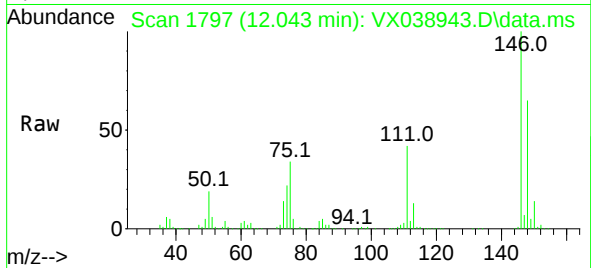
Tgt Ion:146 Resp: 169954
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 64.1 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 45.576 ug/l
RT: 12.043 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

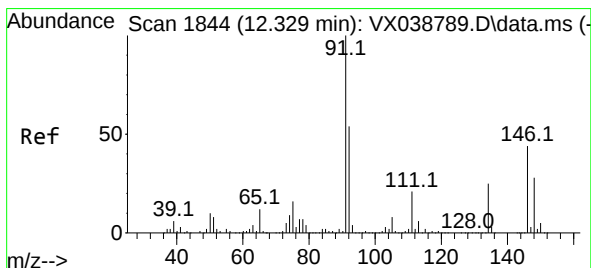
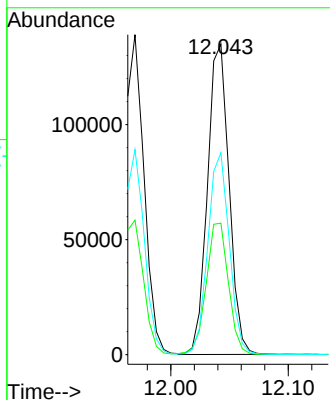
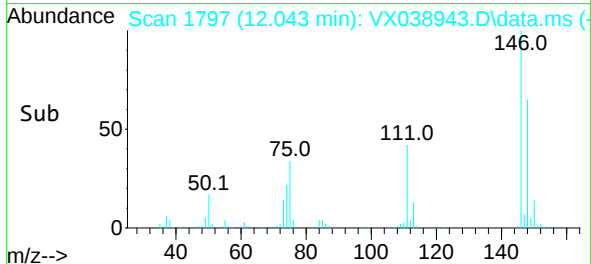
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



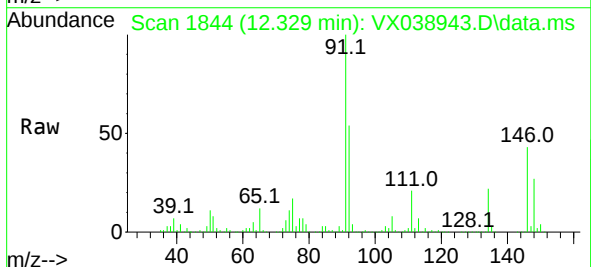
Tgt Ion:146 Resp: 171999
Ion Ratio Lower Upper
146 100
111 43.9 21.3 63.7
148 64.7 31.8 95.4

Manual Integrations
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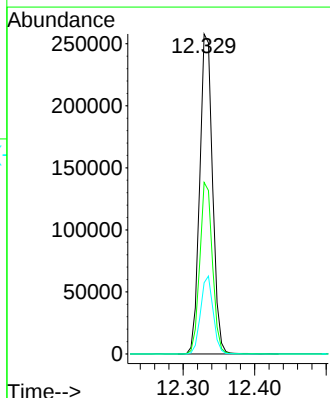
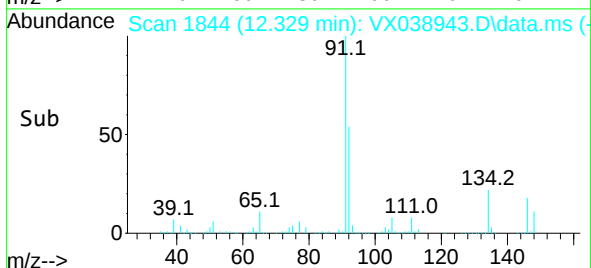
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

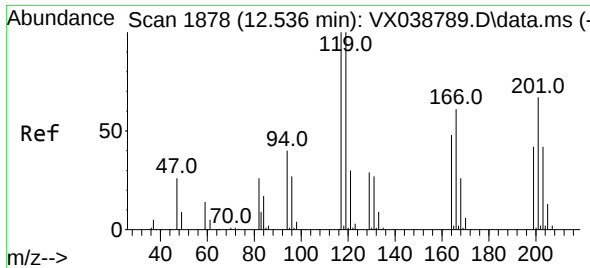


#89
n-Butylbenzene
Concen: 43.689 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion: 91 Resp: 321185
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 23.8 12.6 37.8





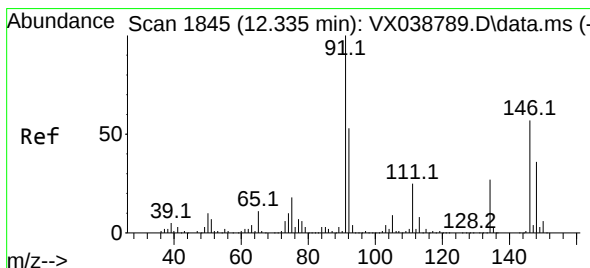
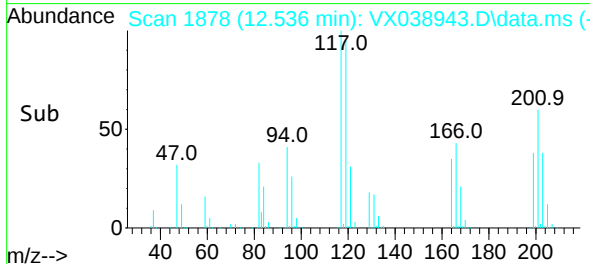
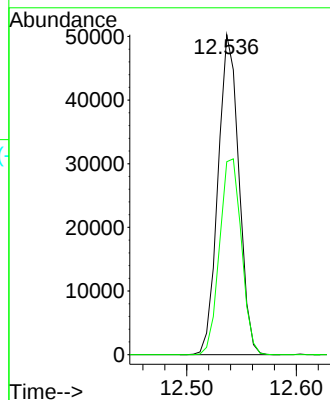
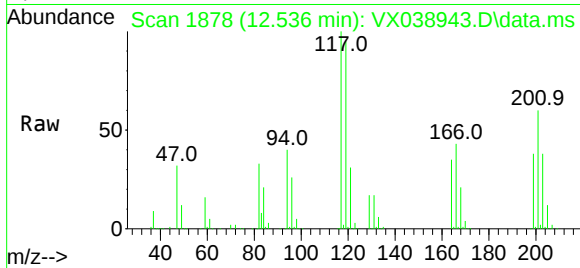
#90
Hexachloroethane
Concen: 45.777 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD

Tgt Ion:117 Resp: 6661
Ion Ratio Lower Upper
117 100
201 64.1 32.9 98.6

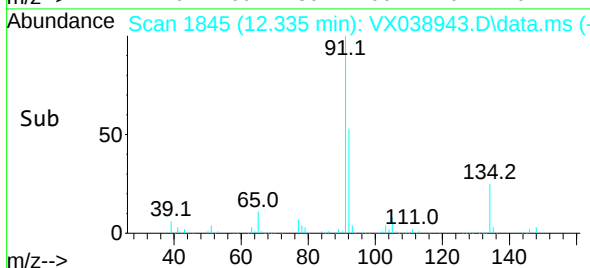
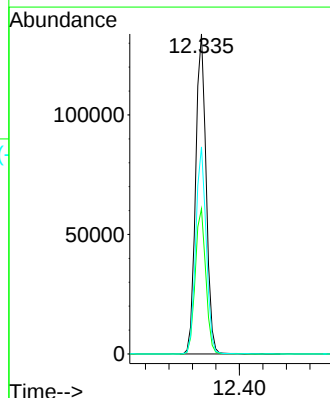
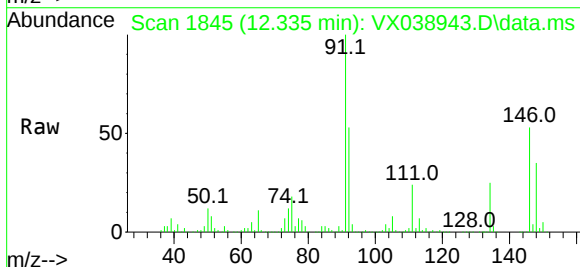
Manual Integrations
APPROVED

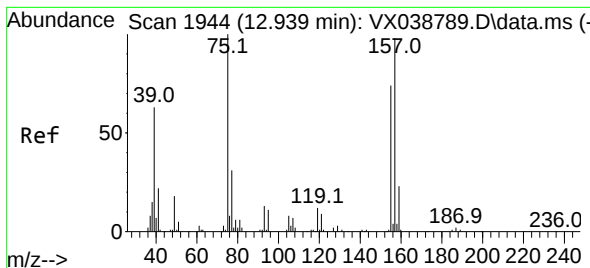
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#91
1,2-Dichlorobenzene
Concen: 47.418 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

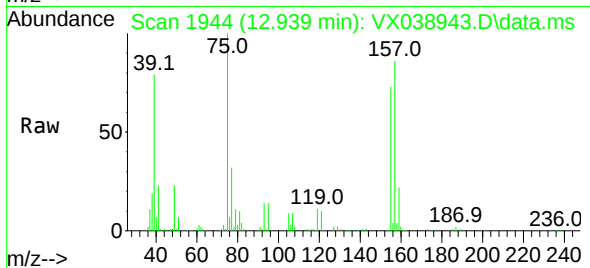
Tgt Ion:146 Resp: 165835
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 64.3 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 49.327 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55

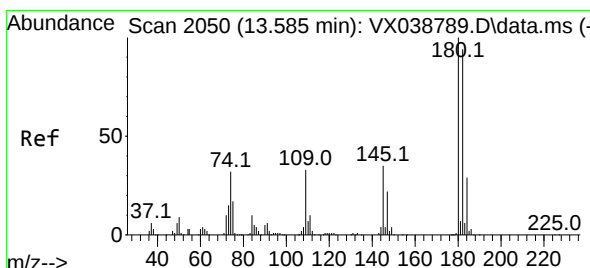
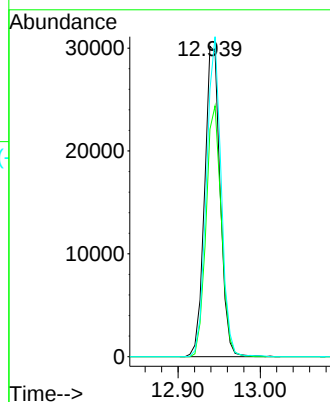
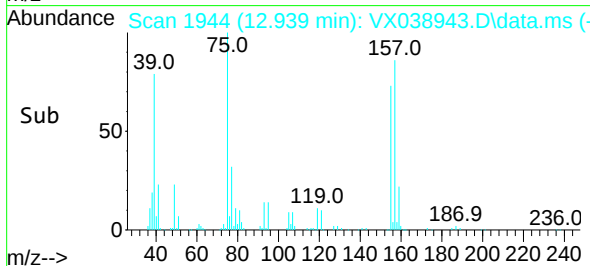
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD



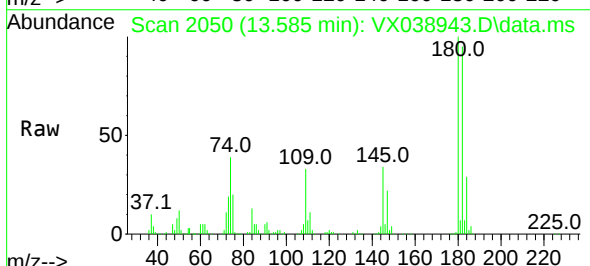
Tgt Ion: 75 Resp: 39534
Ion Ratio Lower Upper
75 100
155 79.2 36.1 108.5
157 97.5 44.9 134.7

Manual Integrations
APPROVED

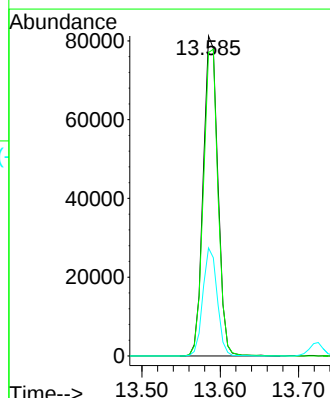
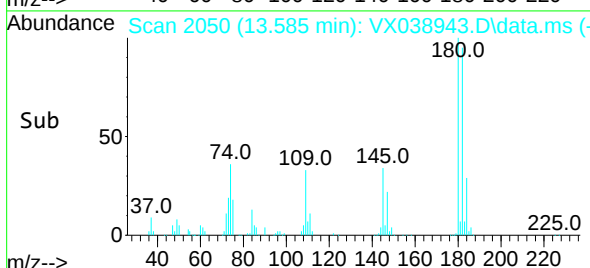
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

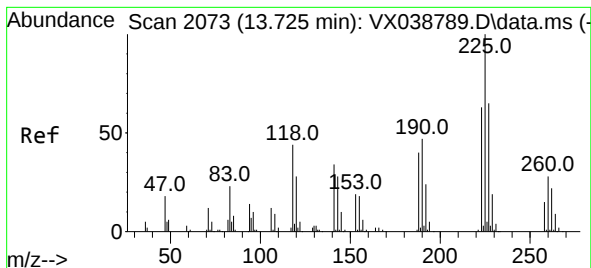


#93
1,2,4-Trichlorobenzene
Concen: 44.954 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038943.D
Acq: 18 Nov 2023 20:55



Tgt Ion:180 Resp: 105353
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.8
145 33.1 18.0 54.0





#94

Hexachlorobutadiene

Concen: 43.176 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD

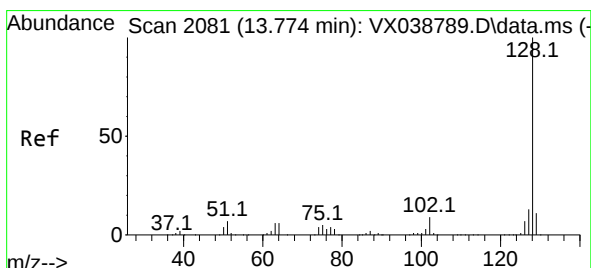
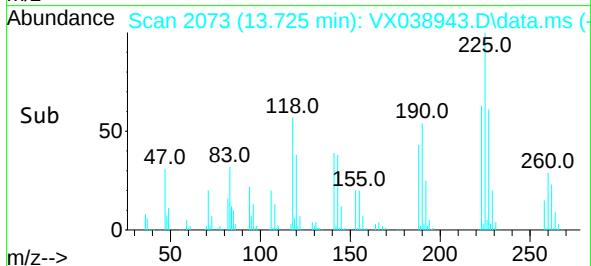
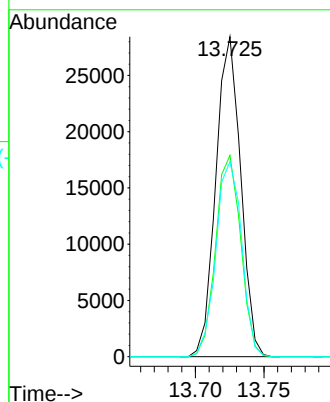
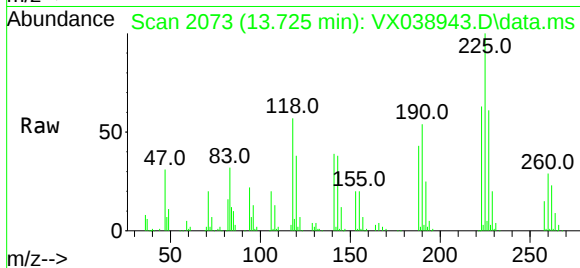
Tgt Ion:	225	Resp:	3583
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.1	93.2
227	63.0	32.5	97.5

Manual Integrations

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Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#95

Naphthalene

Concen: 46.350 ug/l

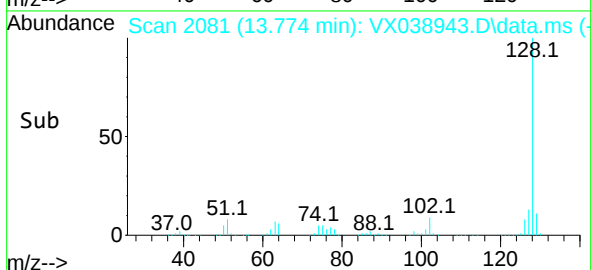
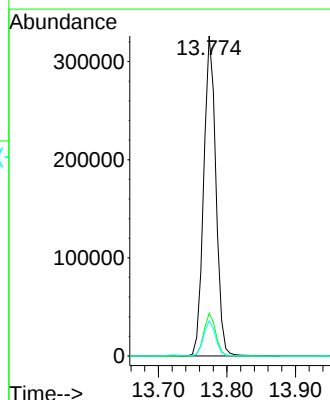
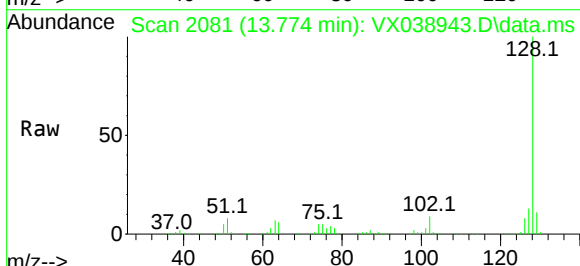
RT: 13.774 min Scan# 2081

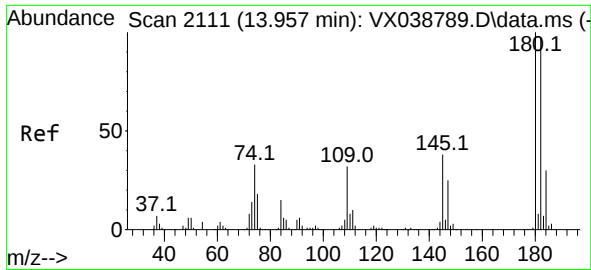
Delta R.T. 0.000 min

Lab File: VX038943.D

Acq: 18 Nov 2023 20:55

Tgt Ion:	128	Resp:	404559
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.8	13.2





#96

1,2,3-Trichlorobenzene

Concen: 46.415 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038943.D

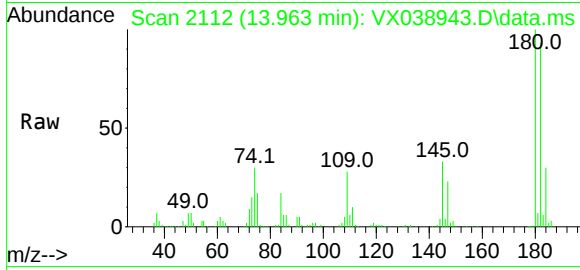
Acq: 18 Nov 2023 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109MSD



Tgt Ion:180 Resp: 103110

Ion Ratio Lower Upper

180 100

182 92.7 46.9 140.6

145 35.6 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023

