

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038921.D
 Acq On : 18 Nov 2023 12:21
 Operator : JC/MD
 Sample : VX1118WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBS01

Quant Time: Nov 20 04:32:09 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	5.556	168	132716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105843	49.494	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.980%		
35) Dibromofluoromethane	5.385	113	85318	48.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.647	98	316858	46.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.720%		
62) 4-Bromofluorobenzene	11.079	95	124369	45.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31345	20.242	ug/l	99
3) Chloromethane	1.300	50	33610	16.629	ug/l	97
4) Vinyl Chloride	1.374	62	34678	17.812	ug/l	99
5) Bromomethane	1.605	94	22621	28.101	ug/l	99
6) Chloroethane	1.685	64	20838	18.755	ug/l	100
7) Trichlorofluoromethane	1.886	101	47824	19.357	ug/l	98
8) Diethyl Ether	2.136	74	19695	18.303	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	29250	17.852	ug/l	97
10) Methyl Iodide	2.453	142	34851	17.476	ug/l	91
11) Tert butyl alcohol	2.959	59	61935	104.130	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	28600	17.290	ug/l	89
13) Acrolein	2.233	56	34209	108.710	ug/l	98
14) Allyl chloride	2.666	41	58538	17.675	ug/l	93
15) Acrylonitrile	3.062	53	118467	94.262	ug/l	99
16) Acetone	2.380	43	111978	98.363	ug/l	94
17) Carbon Disulfide	2.508	76	78728	15.365	ug/l	99
18) Methyl Acetate	2.703	43	108563	20.077	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	107256	18.435	ug/l	98
20) Methylene Chloride	2.788	84	35896	17.492	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	31426	17.218	ug/l	93
22) Diisopropyl ether	3.757	45	111715	18.388	ug/l	98
23) Vinyl Acetate	3.721	43	395756	90.444	ug/l	99
24) 1,1-Dichloroethane	3.611	63	60353	17.764	ug/l	99
25) 2-Butanone	4.556	43	178231	96.545	ug/l	95
26) 2,2-Dichloropropane	4.477	77	53014	17.988	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	37320	17.542	ug/l	97
28) Bromochloromethane	4.897	49	32056	19.651	ug/l	100
29) Tetrahydrofuran	5.001	42	113476	96.809	ug/l	97
30) Chloroform	5.092	83	61081	18.411	ug/l	99
31) Cyclohexane	5.470	56	53802	17.621	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	53337	18.561	ug/l	99
36) 1,1-Dichloropropene	5.696	75	45501	17.964	ug/l	99
37) Ethyl Acetate	4.715	43	61489	18.633	ug/l	98
38) Carbon Tetrachloride	5.678	117	44332	18.938	ug/l	96
39) Methylcyclohexane	7.379	83	55532	16.808	ug/l	98
40) Benzene	6.037	78	134553	17.961	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31185	18.221	ug/l	90
42) 1,2-Dichloroethane	6.086	62	47379	19.089	ug/l	96
43) Isopropyl Acetate	6.342	43	97062	18.405	ug/l	98
44) Trichloroethene	7.123	130	33208	18.211	ug/l	98
45) 1,2-Dichloropropane	7.434	63	37043	18.374	ug/l	98
46) Dibromomethane	7.580	93	25085	18.659	ug/l	98
47) Bromodichloromethane	7.824	83	48199	18.063	ug/l	96
48) Methyl methacrylate	7.696	41	47835	18.694	ug/l	95
49) 1,4-Dioxane	7.659	88	21334	430.966	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	328460	97.459	ug/l	100
52) Toluene	8.720	92	81630	17.559	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	55489	17.499	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	58322	17.806	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	35026	18.057	ug/l	98
56) Ethyl methacrylate	9.116	69	59131	18.017	ug/l	99
57) 1,3-Dichloropropane	9.311	76	59226	18.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	147119	96.227	ug/l	96
59) 2-Hexanone	9.427	43	263223	97.442	ug/l	98
60) Dibromochloromethane	9.519	129	36997	18.758	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37931	18.635	ug/l	100
64) Tetrachloroethene	9.275	164	25747	18.305	ug/l	97
65) Chlorobenzene	10.079	112	89083	18.276	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32548	18.563	ug/l	98
67) Ethyl Benzene	10.195	91	163237	18.227	ug/l	100
68) m/p-Xylenes	10.299	106	122169	36.063	ug/l	98
69) o-Xylene	10.640	106	59790	17.837	ug/l	96
70) Styrene	10.652	104	101106	17.860	ug/l	99
71) Bromoform	10.799	173	26667	18.244	ug/l #	98
73) Isopropylbenzene	10.963	105	159834	17.755	ug/l	100
74) N-amyl acetate	10.841	43	81152	17.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61296	17.442	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60010m	20.817	ug/l	
77) Bromobenzene	11.195	156	35680	17.639	ug/l	96
78) n-propylbenzene	11.305	91	193281	17.443	ug/l	99
79) 2-Chlorotoluene	11.366	91	113850	17.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	134701	17.796	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20928	16.103	ug/l #	83
82) 4-Chlorotoluene	11.451	91	131352	17.323	ug/l	98
83) tert-Butylbenzene	11.713	119	131619	17.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	135073	17.630	ug/l	100
85) sec-Butylbenzene	11.890	105	171189	17.556	ug/l	98
86) p-Isopropyltoluene	12.006	119	134820	17.223	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	69448	17.532	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	71223	17.568	ug/l	99
89) n-Butylbenzene	12.335	91	132662	16.798	ug/l	97
90) Hexachloroethane	12.536	117	27064	17.313	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	67445	17.952	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15778	18.325	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	43430	17.250	ug/l	95
94) Hexachlorobutadiene	13.725	225	14407	16.159	ug/l	99
95) Naphthalene	13.774	128	161974	17.274	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42352	17.746	ug/l	100

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QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

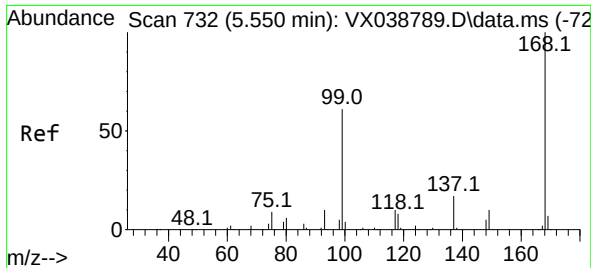
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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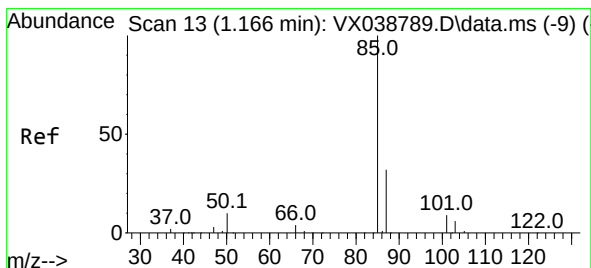
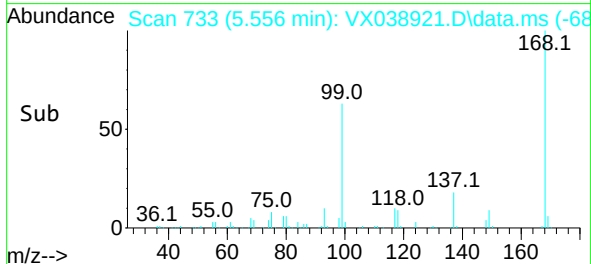
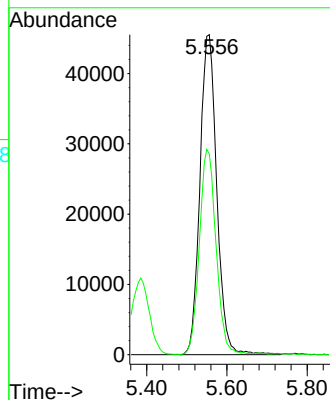
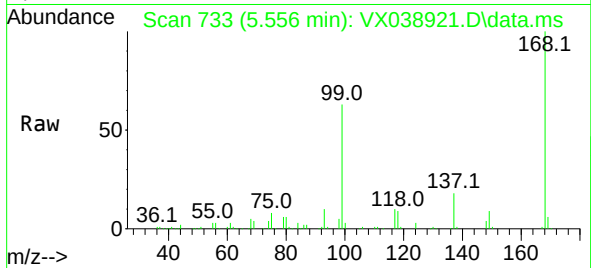
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion:168 Resp: 132710
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0

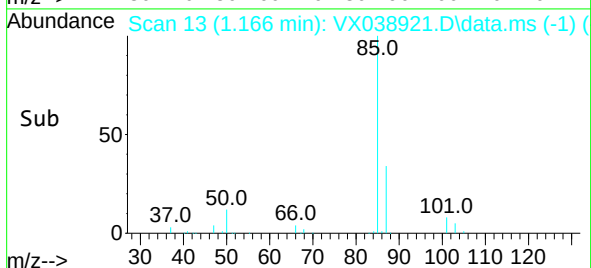
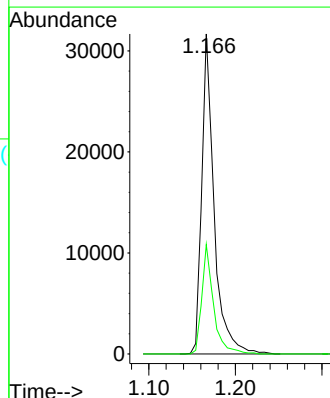
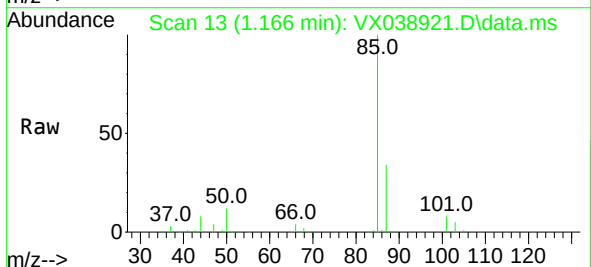
Manual Integrations
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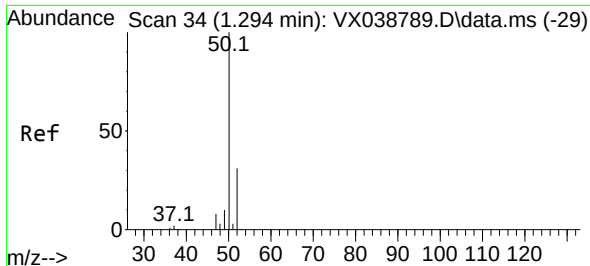
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 20.242 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 85 Resp: 31345
Ion Ratio Lower Upper
85 100
87 34.2 16.7 50.1





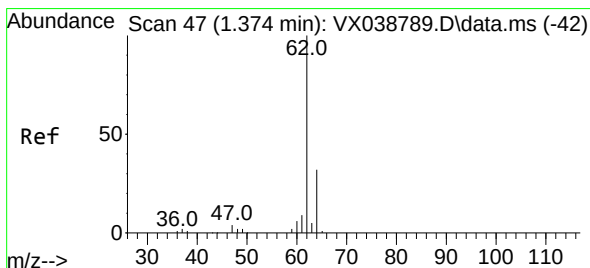
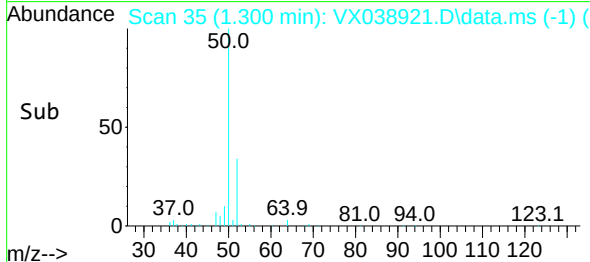
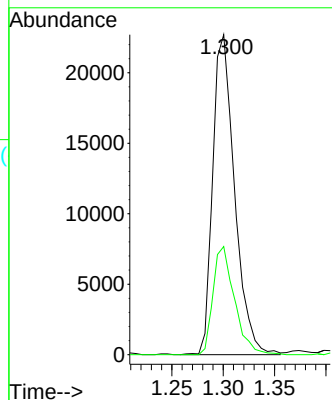
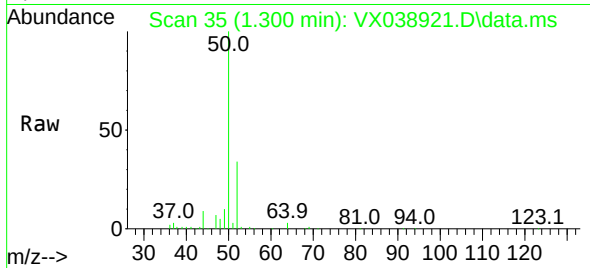
#3
Chloromethane
Concen: 16.629 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 50 Resp: 33610
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

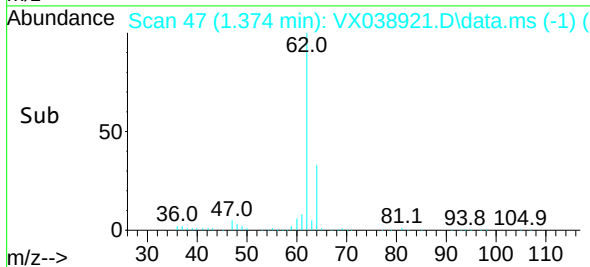
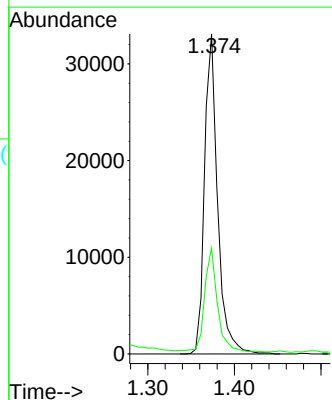
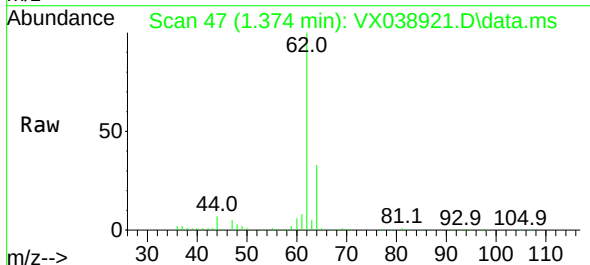
Manual Integrations
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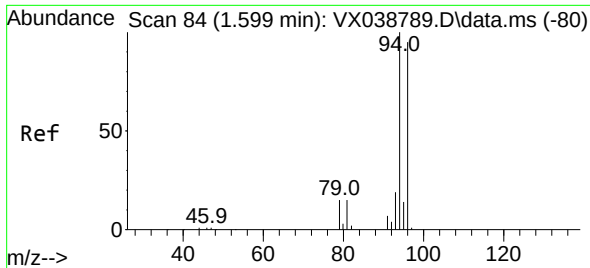
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 17.812 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 62 Resp: 34678
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





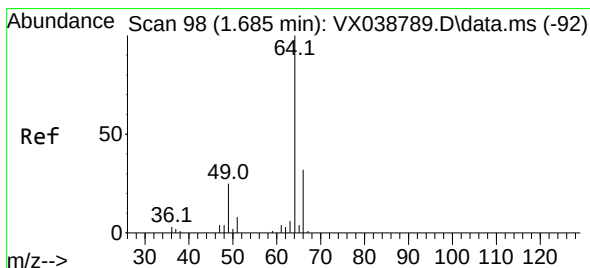
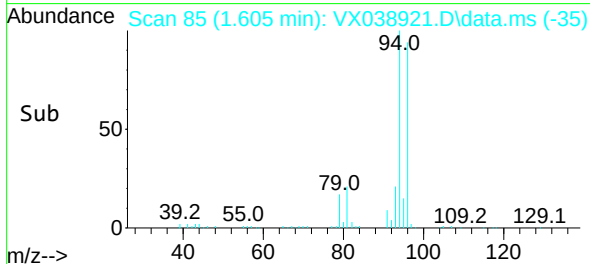
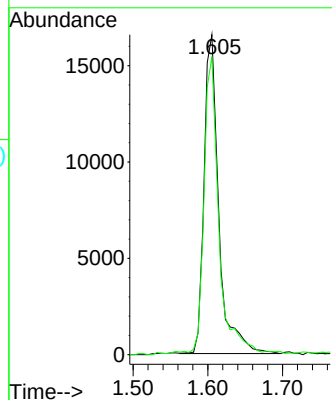
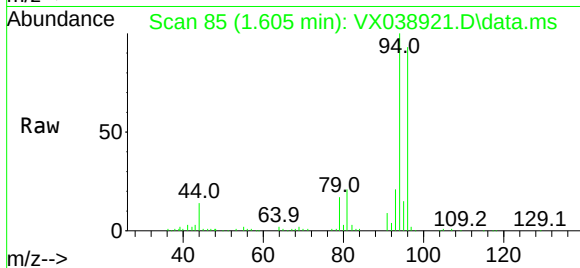
#5
Bromomethane
Concen: 28.101 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 94 Resp: 2262
Ion Ratio Lower Upper
94 100
96 92.7 74.6 111.8

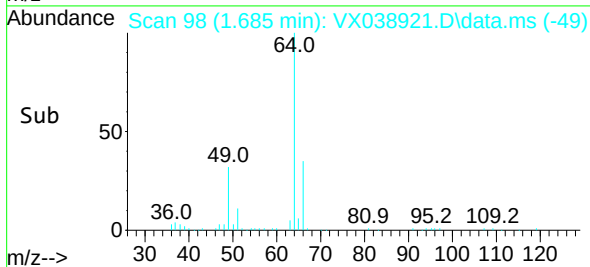
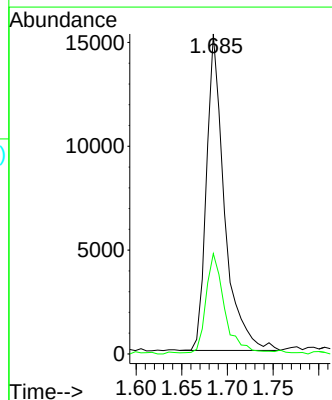
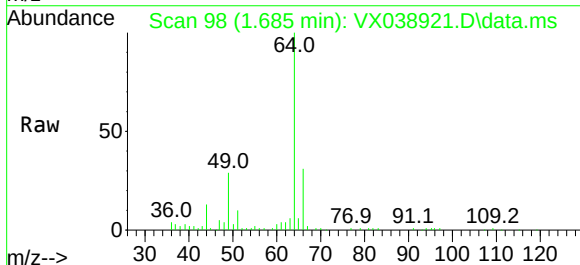
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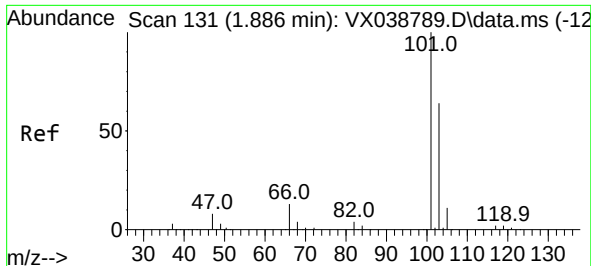
Reviewed By :John Carlone 11/20/2023
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#6
Chloroethane
Concen: 18.755 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 64 Resp: 20838
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





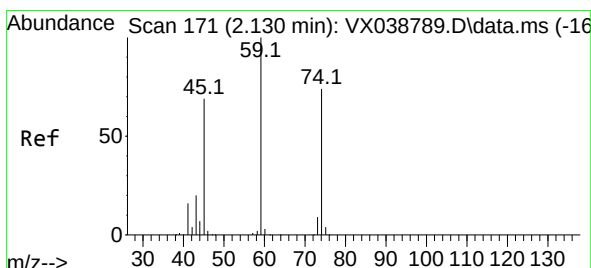
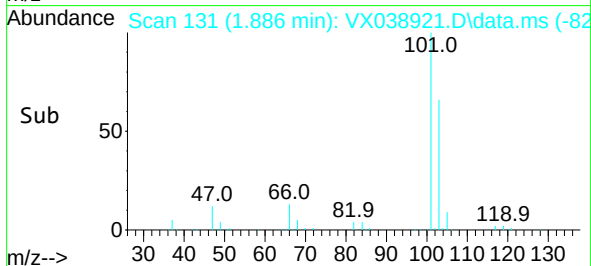
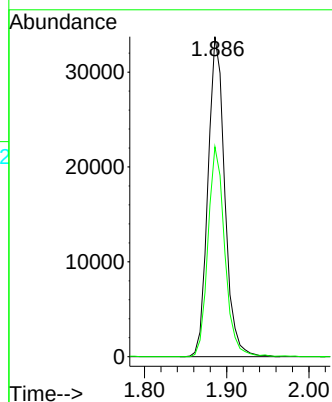
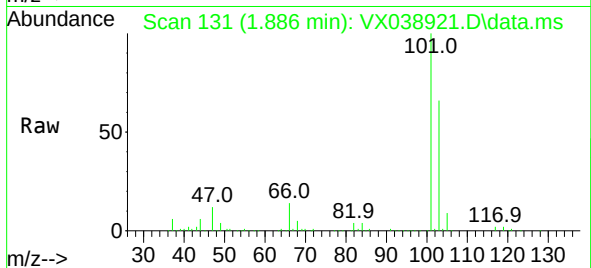
#7
Trichlorofluoromethane
Concen: 19.357 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion:101 Resp: 47824
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

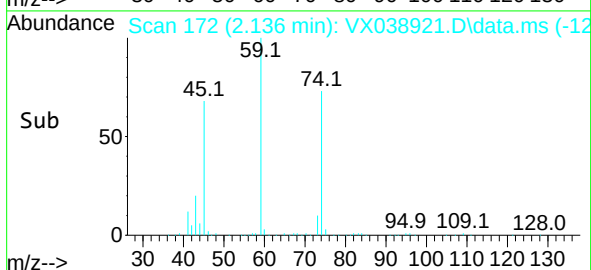
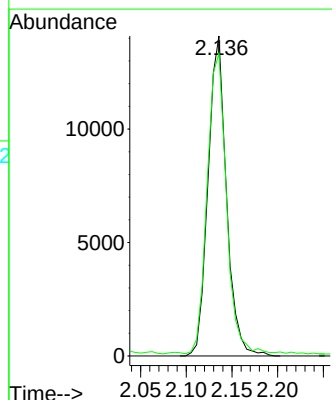
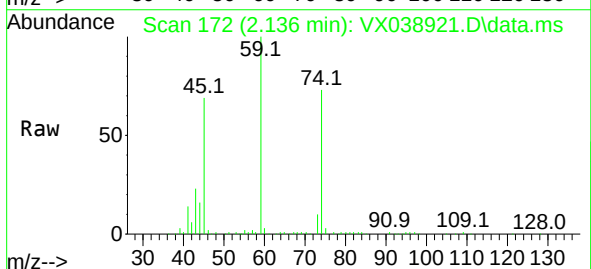
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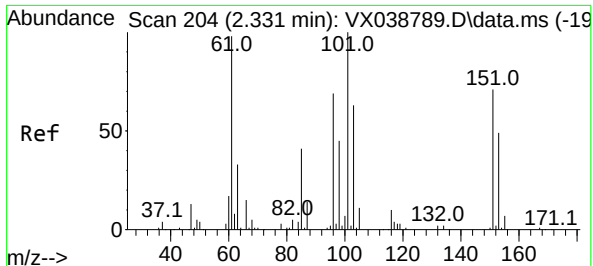
Reviewed By :John Carlone 11/20/2023
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#8
Diethyl Ether
Concen: 18.303 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 74 Resp: 19695
Ion Ratio Lower Upper
74 100
45 98.0 53.3 159.8





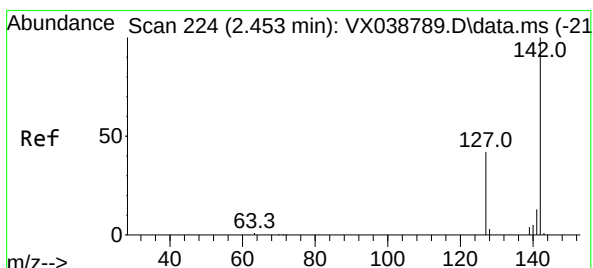
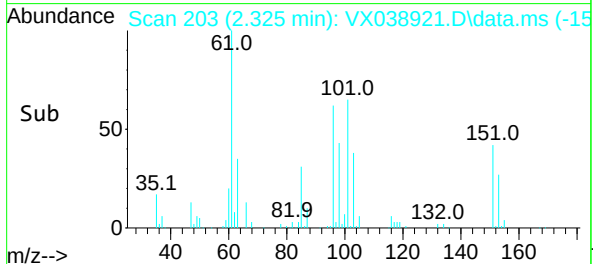
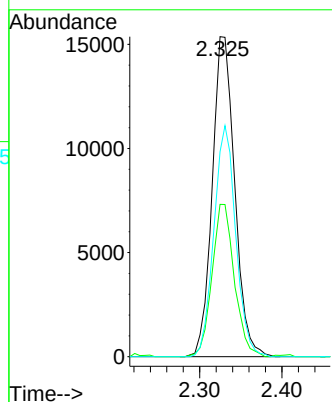
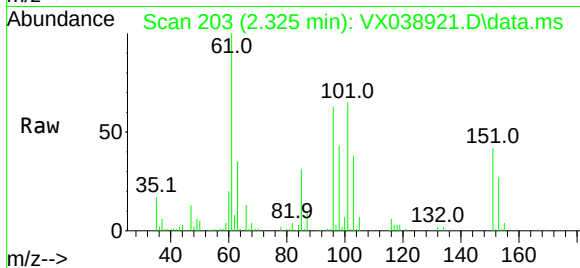
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.852 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion:101 Resp: 29250
Ion Ratio Lower Upper
101 100
85 47.2 37.0 55.6
151 70.1 58.6 87.8

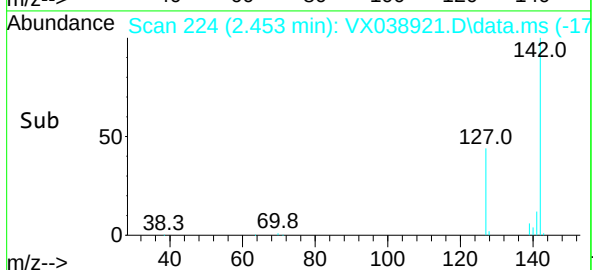
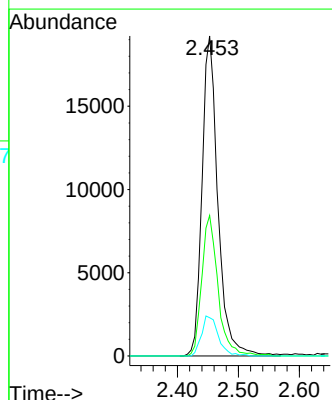
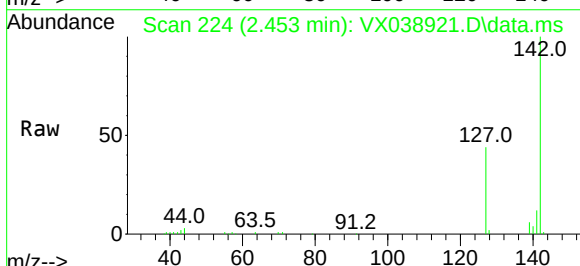
Manual Integrations
APPROVED

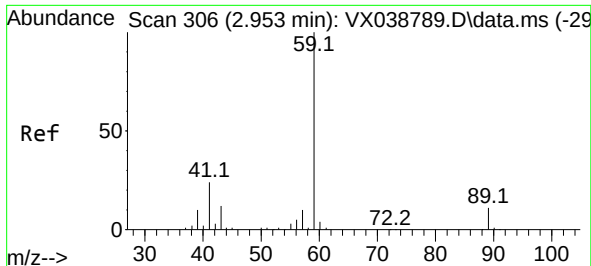
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 17.476 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion:142 Resp: 34851
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 13.3 11.6 17.4





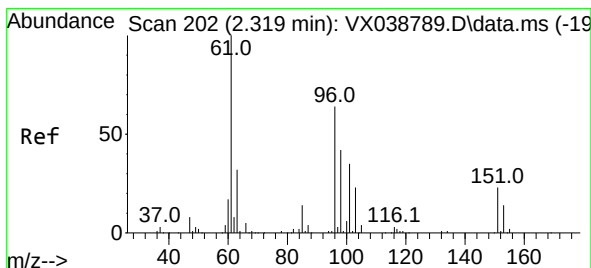
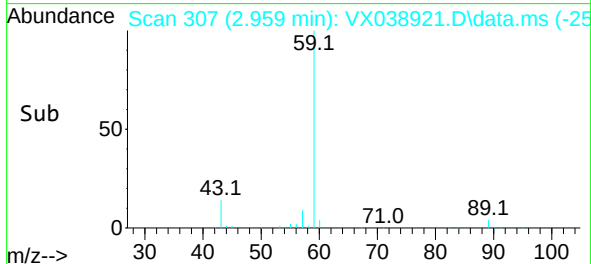
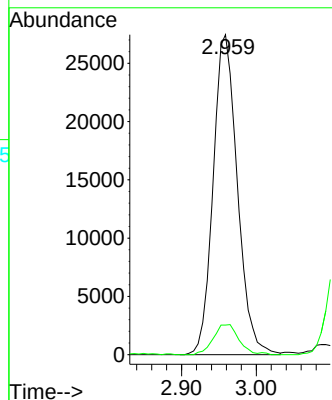
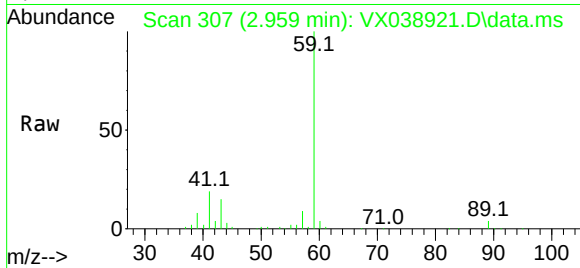
#11
Tert butyl alcohol
Concen: 104.130 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 59 Resp: 61935
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

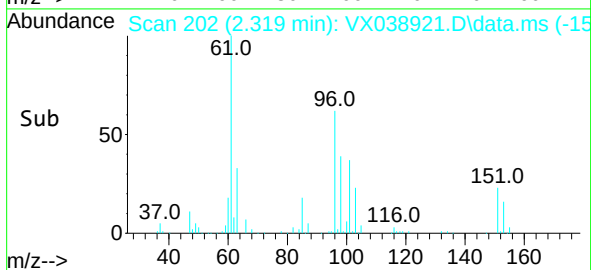
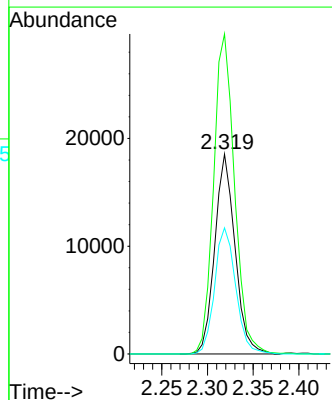
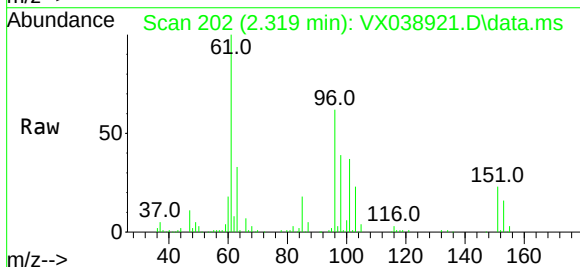
Manual Integrations
APPROVED

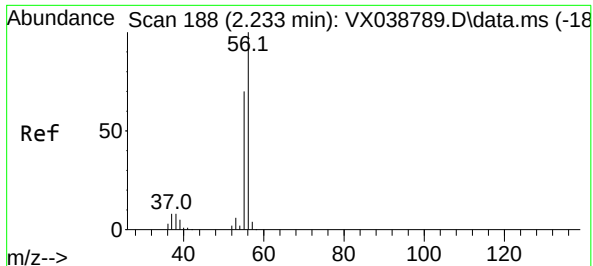
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 17.290 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

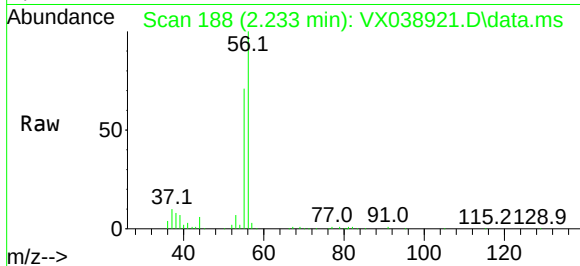
Tgt Ion: 96 Resp: 28600
Ion Ratio Lower Upper
96 100
61 160.1 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 108.710 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

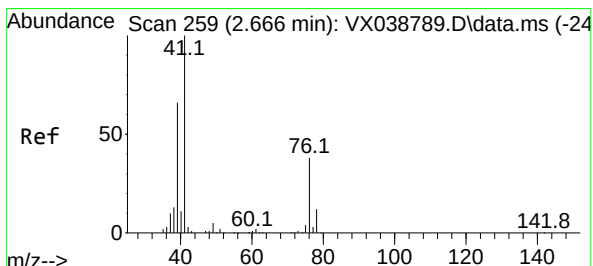
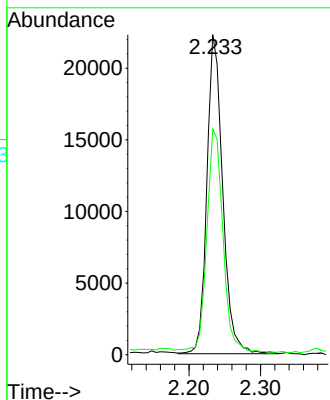
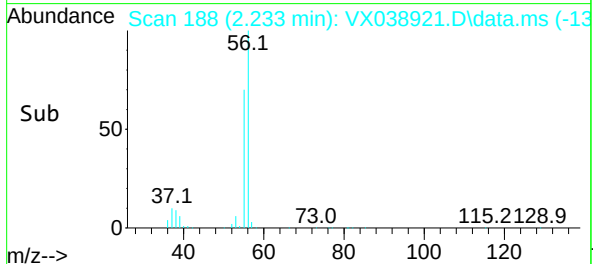
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 56 Resp: 34209
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

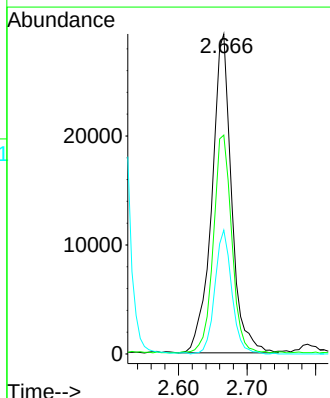
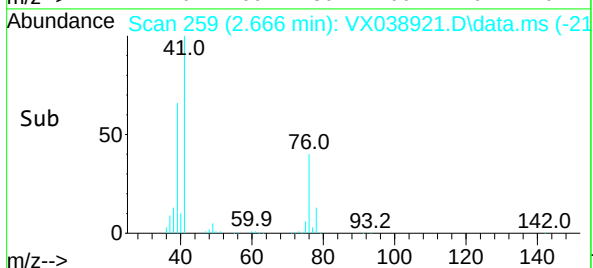
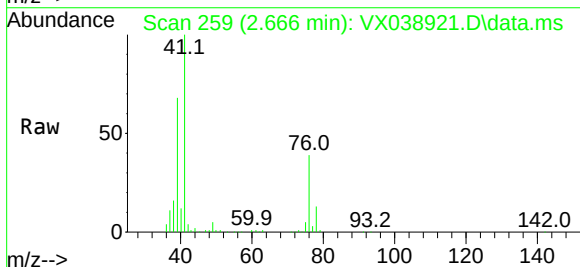
Manual Integrations
APPROVED

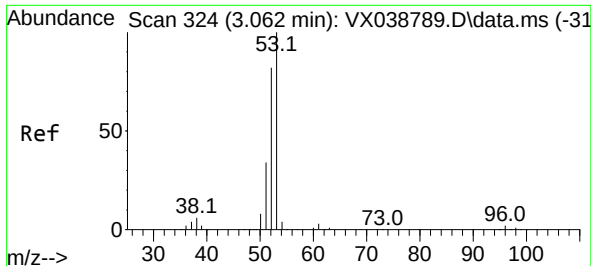
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 17.675 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

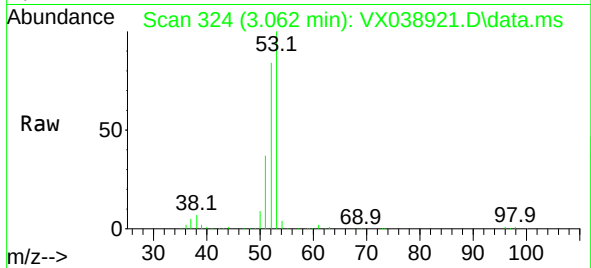
Tgt Ion: 41 Resp: 58538
Ion Ratio Lower Upper
41 100
39 63.6 55.8 83.6
76 33.2 24.3 36.5





#15
Acrylonitrile
Concen: 94.262 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

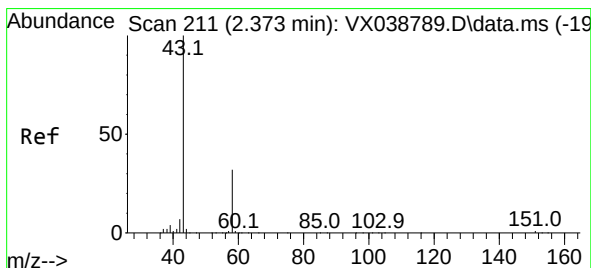
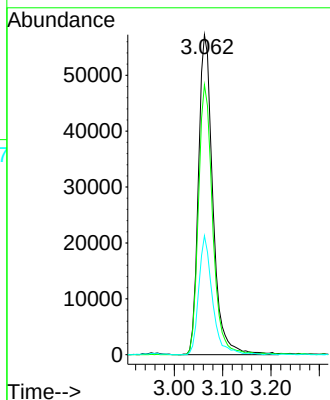
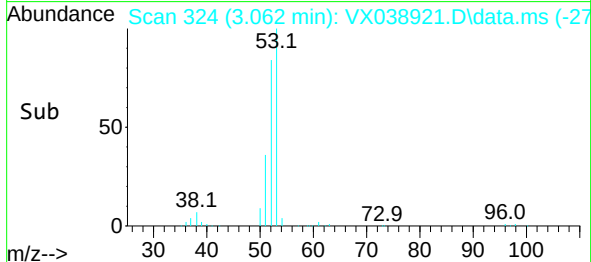
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



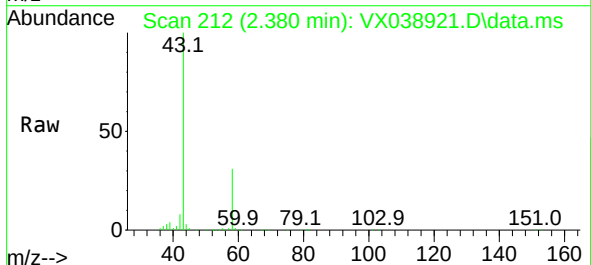
Tgt Ion: 53 Resp: 11846
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 35.5 29.8 44.6

Manual Integrations
APPROVED

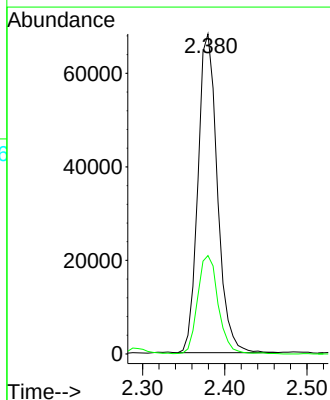
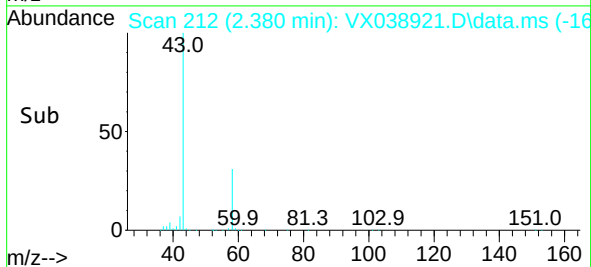
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

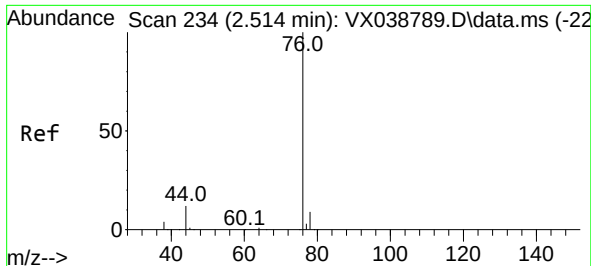


#16
Acetone
Concen: 98.363 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 43 Resp: 111978
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#17

Carbon Disulfide

Concen: 15.365 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 76 Resp: 78728

Ion Ratio Lower Upper

76 100

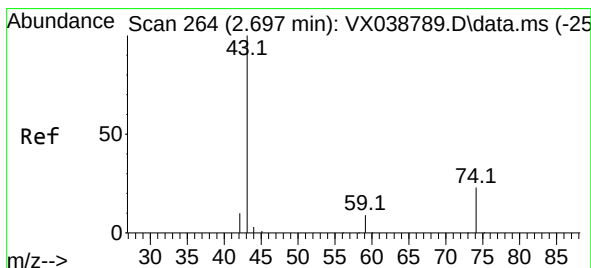
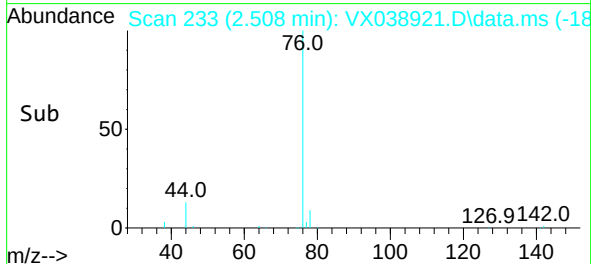
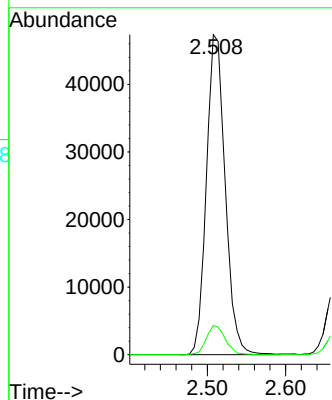
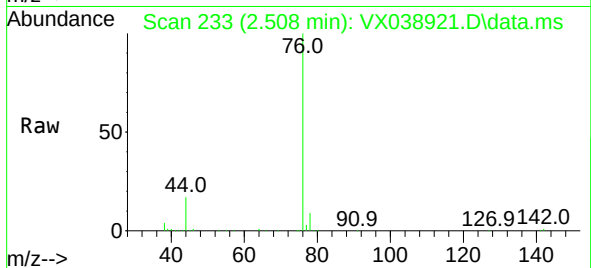
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 20.077 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038921.D

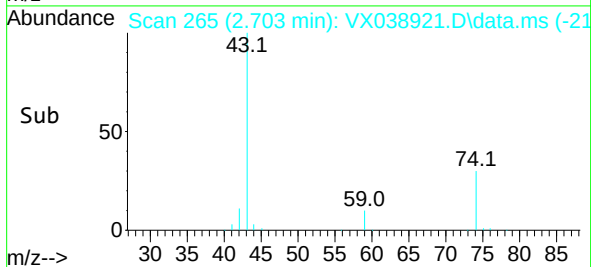
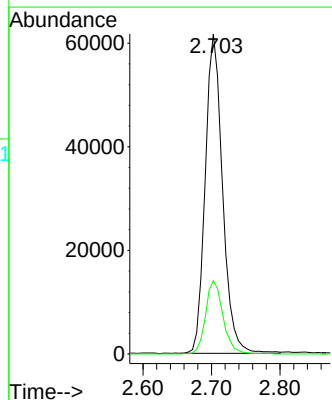
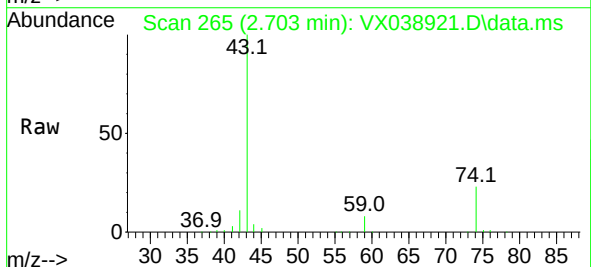
Acq: 18 Nov 2023 12:21

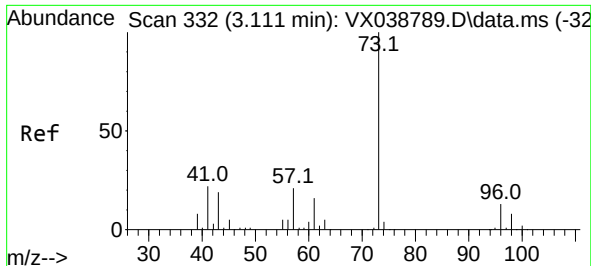
Tgt Ion: 43 Resp: 108563

Ion Ratio Lower Upper

43 100

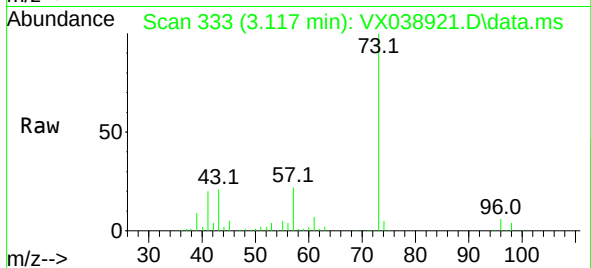
74 23.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.435 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

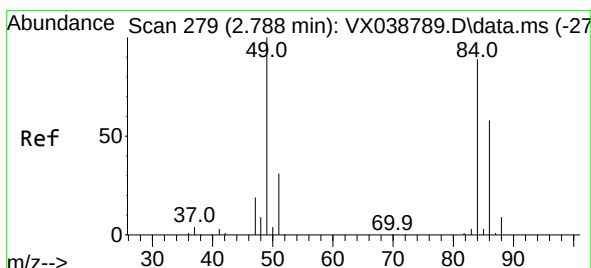
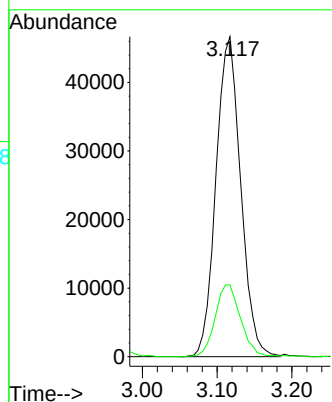
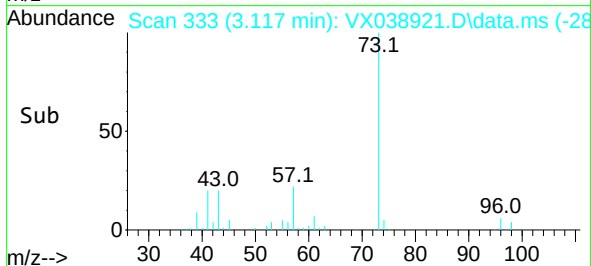
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 73 Resp: 107250
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

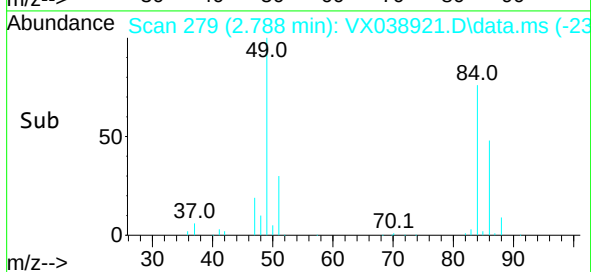
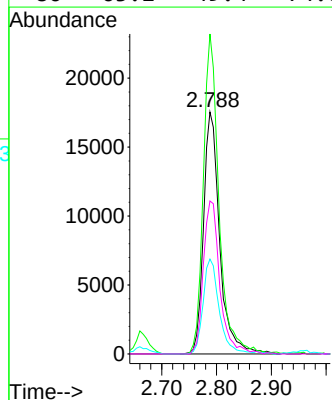
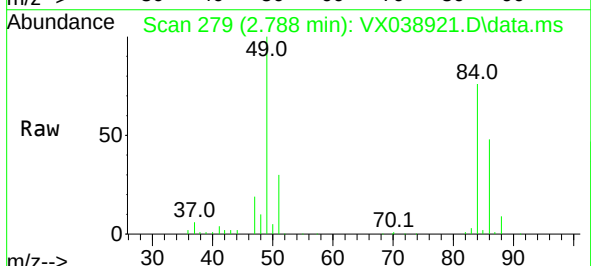
Manual Integrations
APPROVED

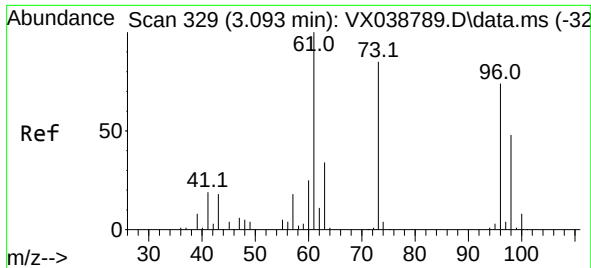
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 17.492 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

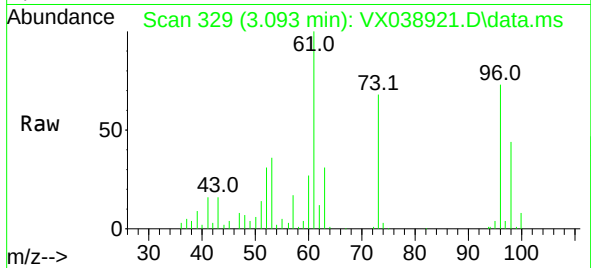
Tgt Ion: 84 Resp: 35896
Ion Ratio Lower Upper
84 100
49 132.3 103.6 155.4
51 39.2 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.218 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

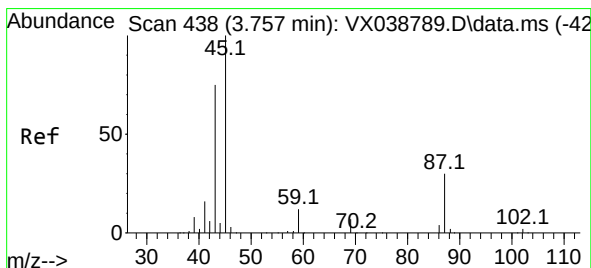
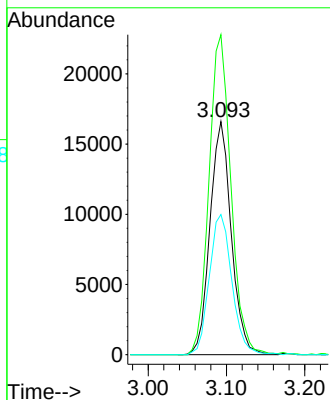
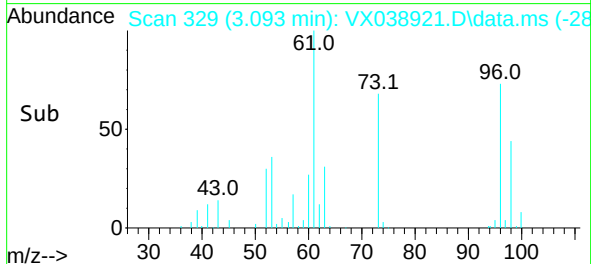
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



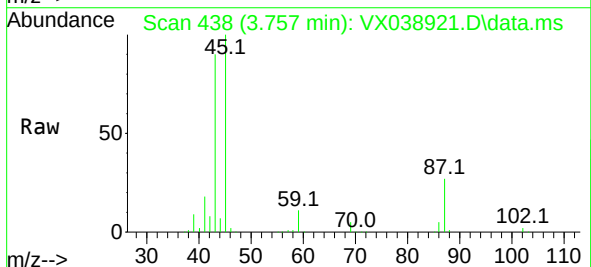
Tgt Ion: 96 Resp: 31420
Ion Ratio Lower Upper
96 100
61 137.2 119.2 178.8
98 60.1 48.7 73.1

Manual Integrations
APPROVED

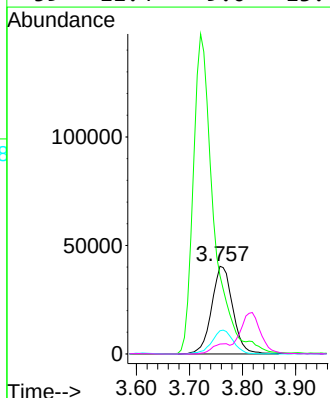
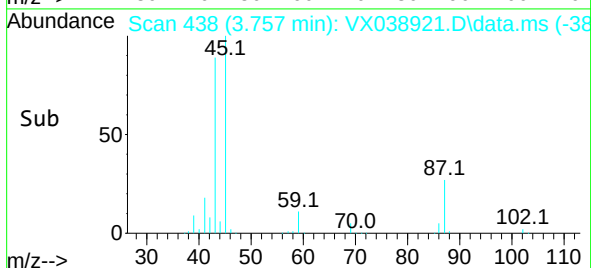
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

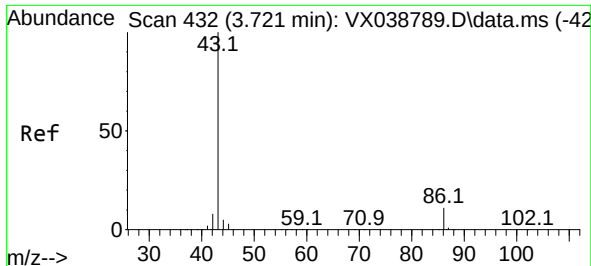


#22
Diisopropyl ether
Concen: 18.388 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



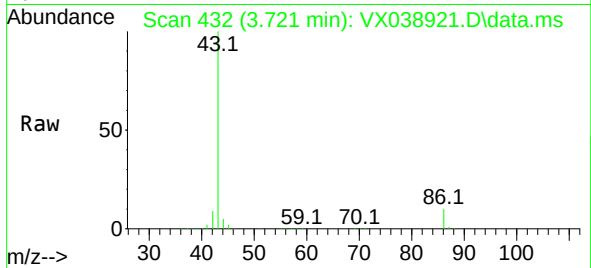
Tgt Ion: 45 Resp: 111715
Ion Ratio Lower Upper
45 100
43 88.7 69.7 104.5
87 26.5 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 90.444 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038921.D
 Acq: 18 Nov 2023 12:21

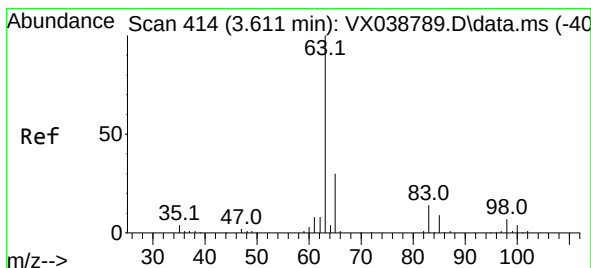
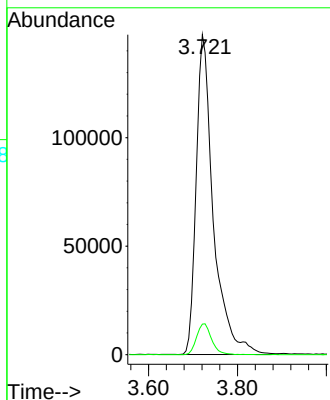
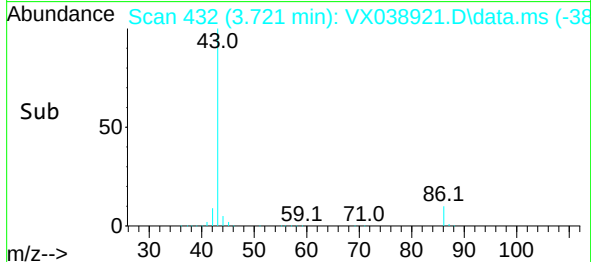
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBS01



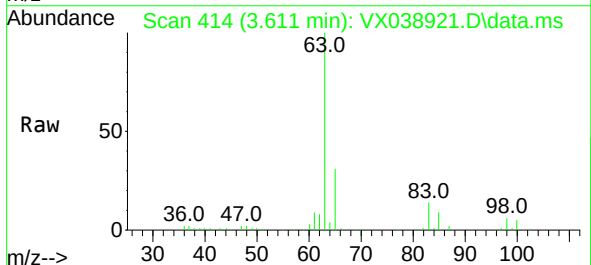
Tgt Ion: 43 Resp: 395750
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

Manual Integrations
 APPROVED

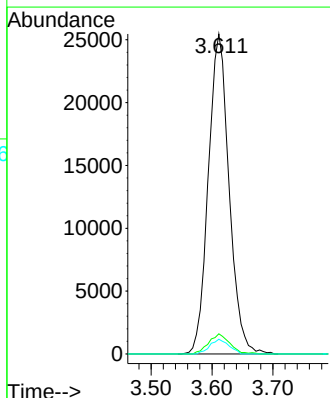
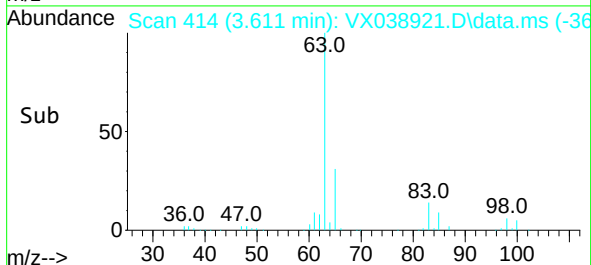
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

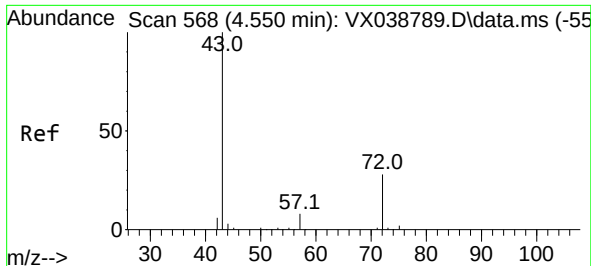


#24
 1,1-Dichloroethane
 Concen: 17.764 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038921.D
 Acq: 18 Nov 2023 12:21



Tgt Ion: 63 Resp: 60353
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.6 2.1 6.5





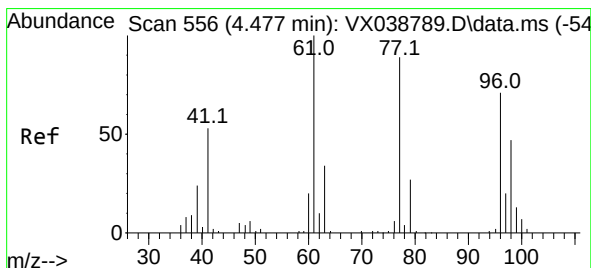
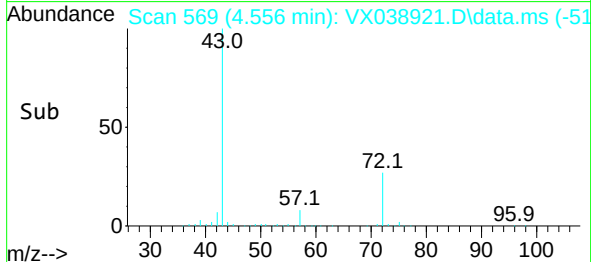
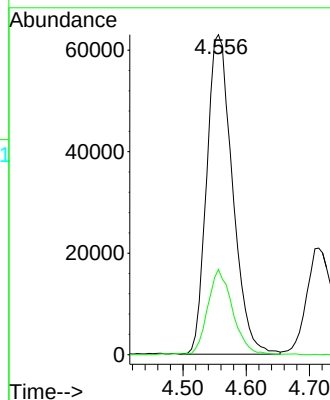
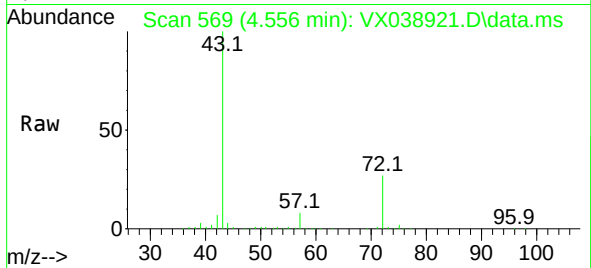
#25
2-Butanone
Concen: 96.545 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 43 Resp: 17823
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

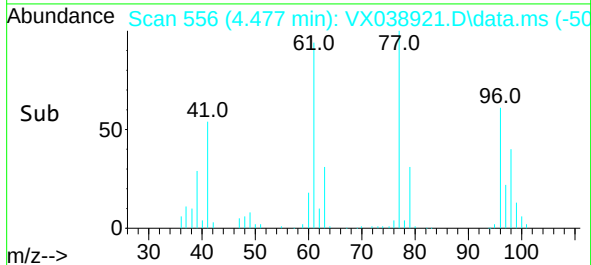
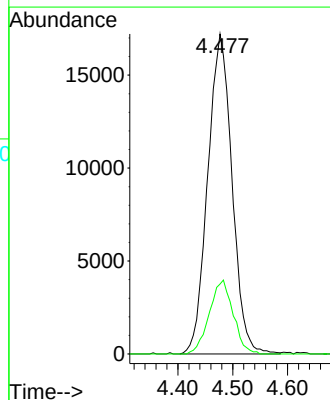
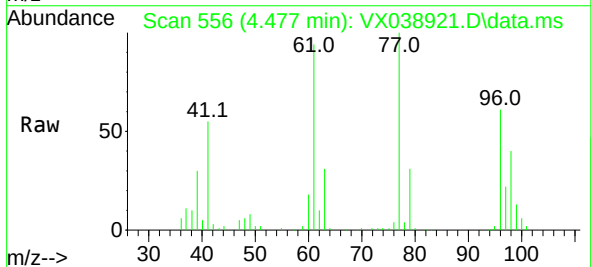
Manual Integrations
APPROVED

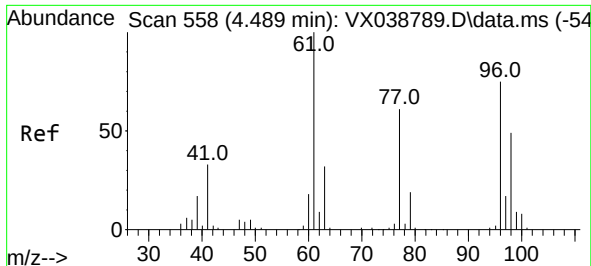
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 17.988 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 77 Resp: 53014
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 17.542 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 96 Resp: 37320

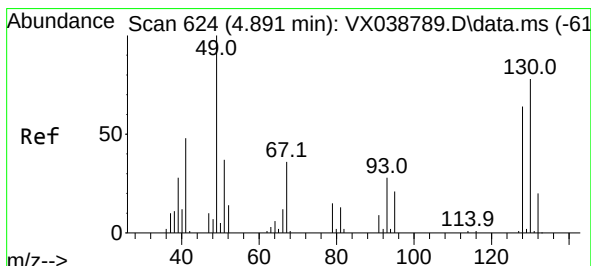
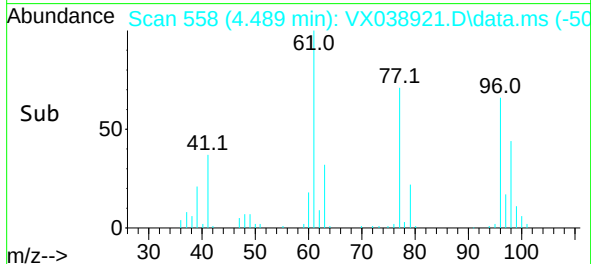
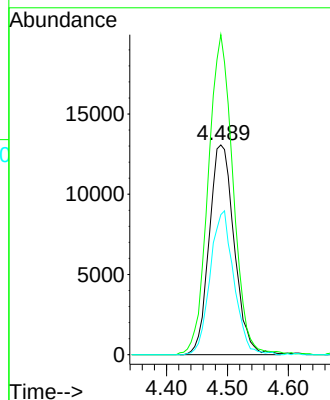
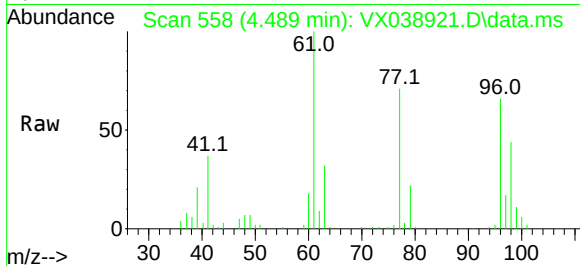
Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	312.2
98	65.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#28

Bromochloromethane

Concen: 19.651 ug/l

RT: 4.897 min Scan# 625

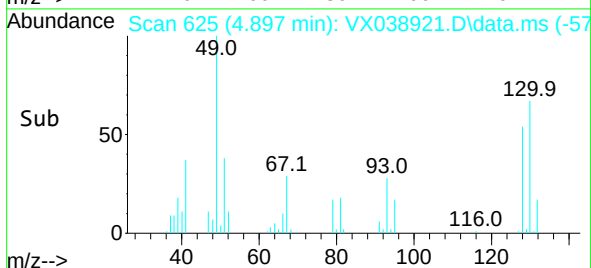
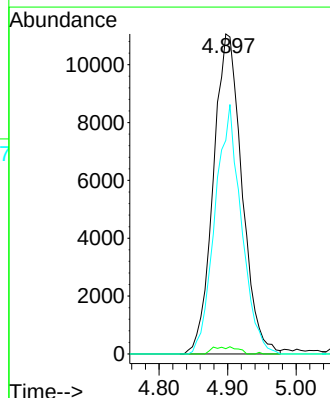
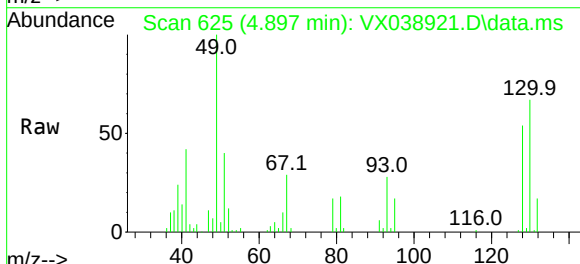
Delta R.T. 0.006 min

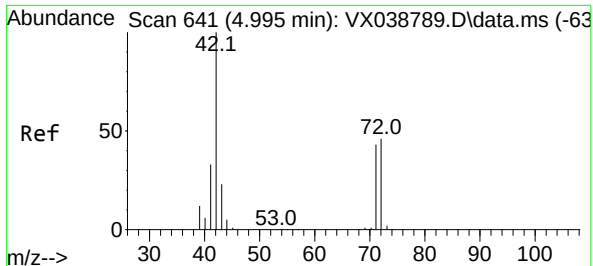
Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion: 49 Resp: 32056

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	71.8	57.5	86.3





#29

Tetrahydrofuran

Concen: 96.809 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 42 Resp: 113470

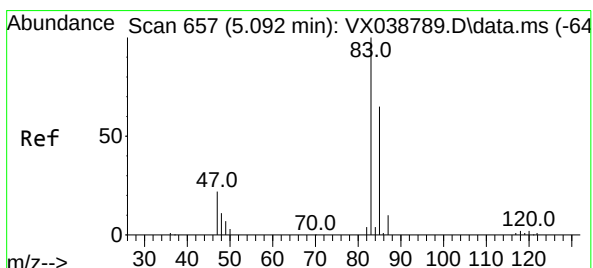
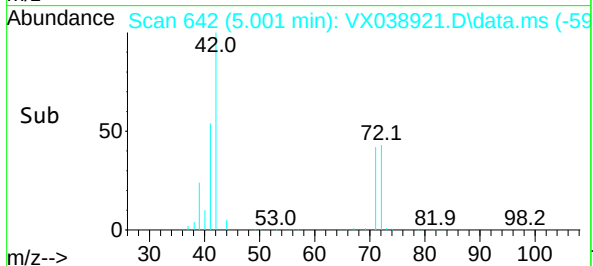
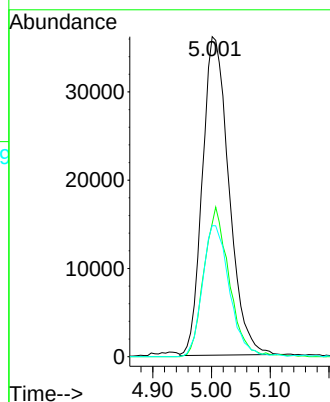
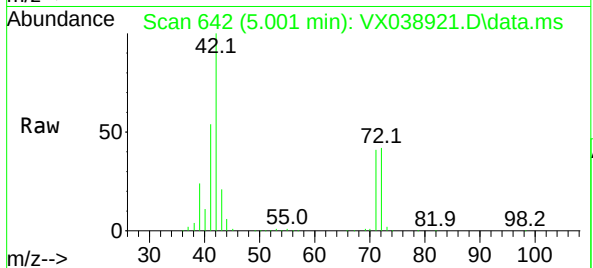
Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.2	51.4
71	41.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 18.411 ug/l

RT: 5.092 min Scan# 657

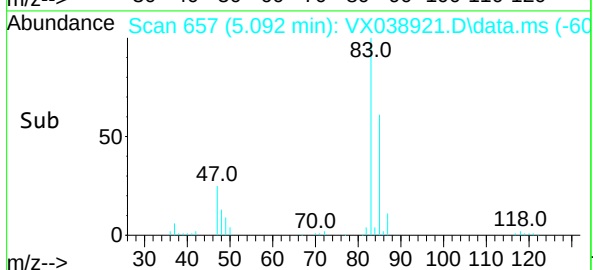
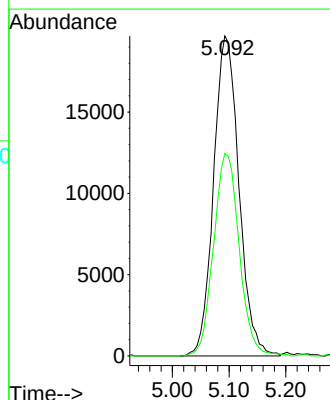
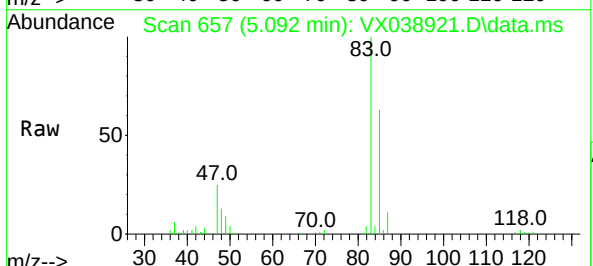
Delta R.T. 0.000 min

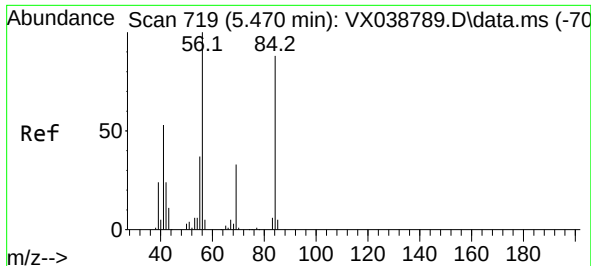
Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion: 83 Resp: 61081

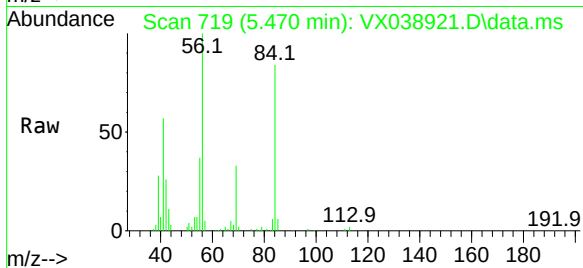
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5





#31
Cyclohexane
Concen: 17.621 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

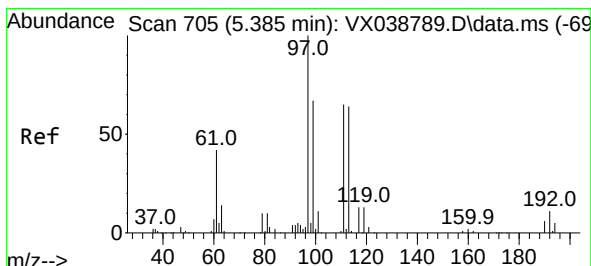
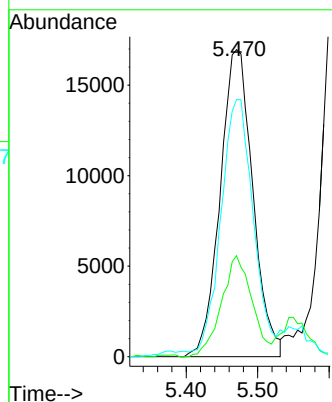
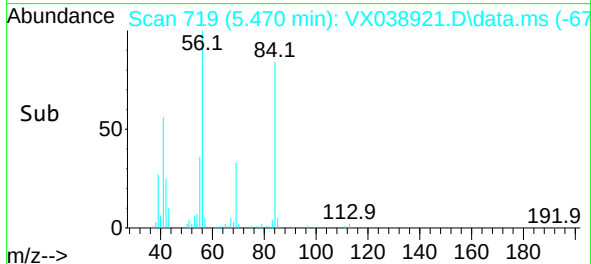
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 56 Resp: 5380
Ion Ratio Lower Upper
56 100
69 32.9 23.4 35.2
84 82.1 65.9 98.9

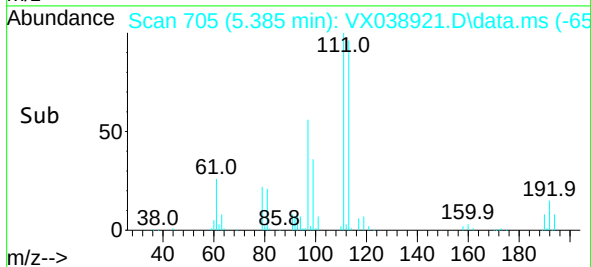
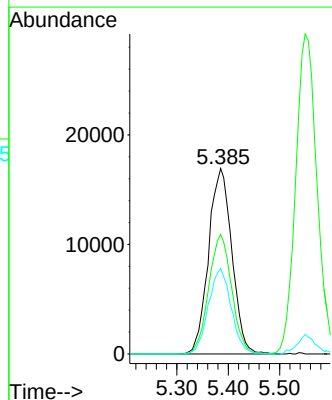
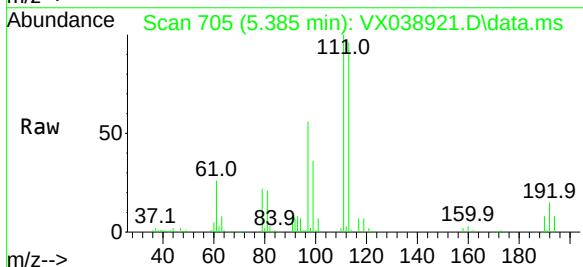
Manual Integrations
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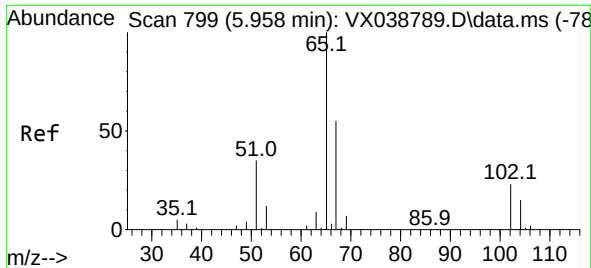
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 18.561 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 97 Resp: 53337
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 45.1 36.4 54.6





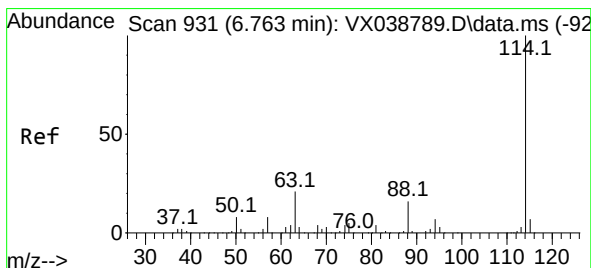
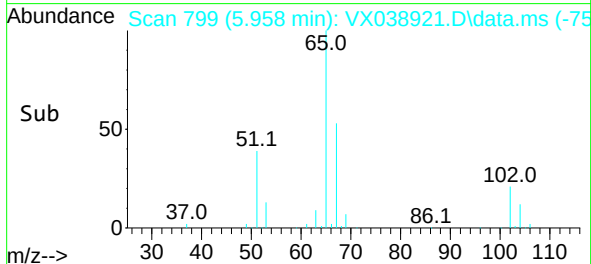
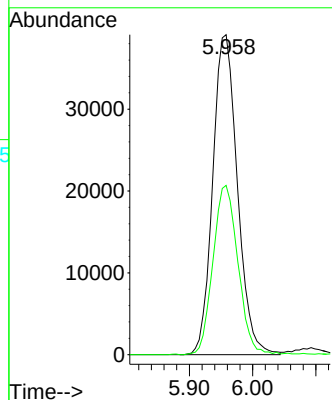
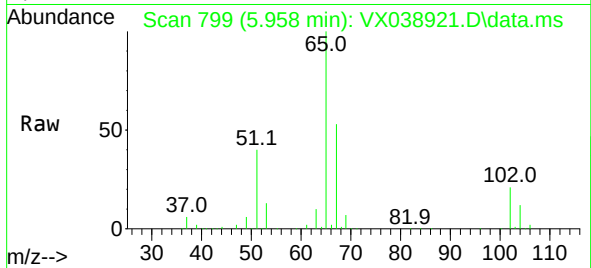
#33
1,2-Dichloroethane-d4
Concen: 49.494 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 65 Resp: 10584
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

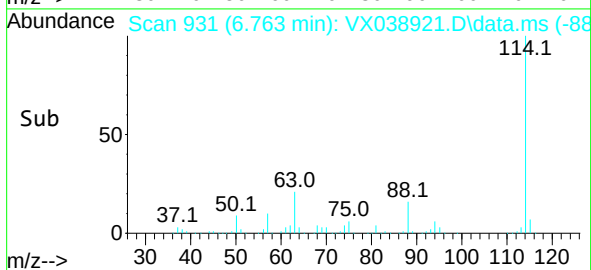
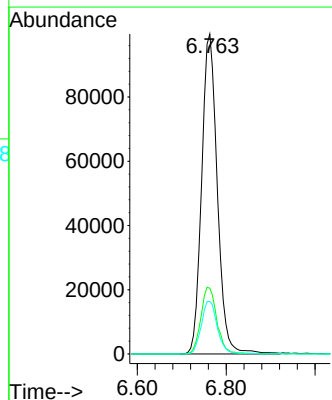
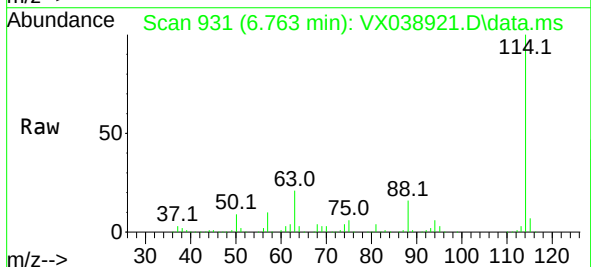
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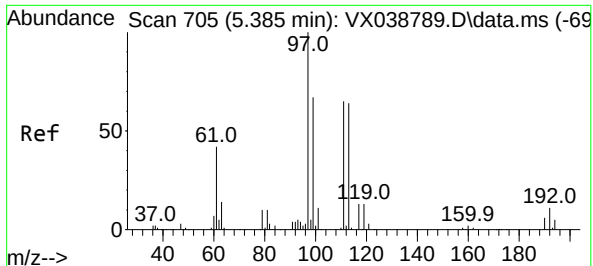
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

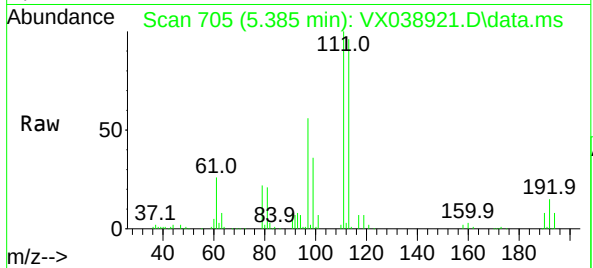
Tgt Ion:114 Resp: 244693
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

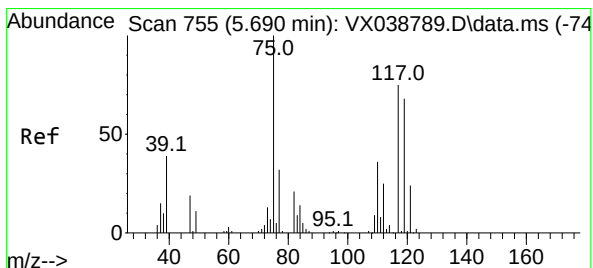
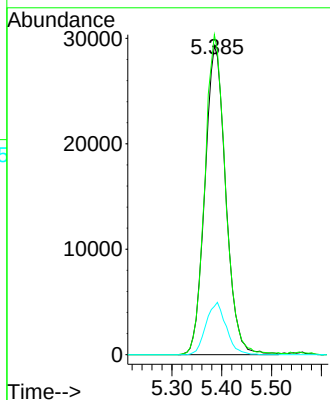
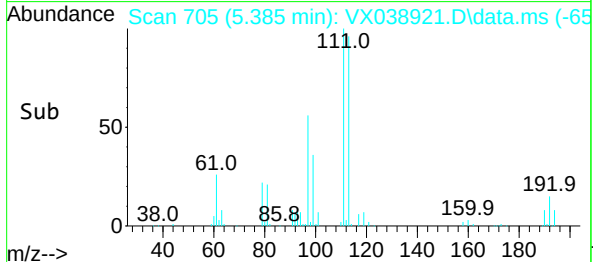
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion:113 Resp: 85318
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.4 13.3 19.9

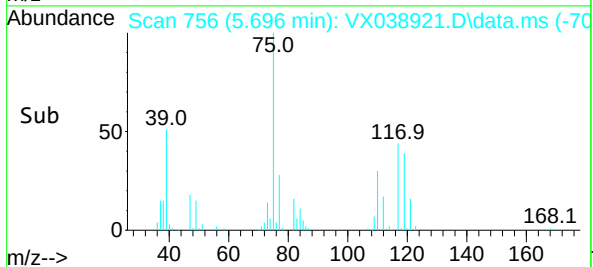
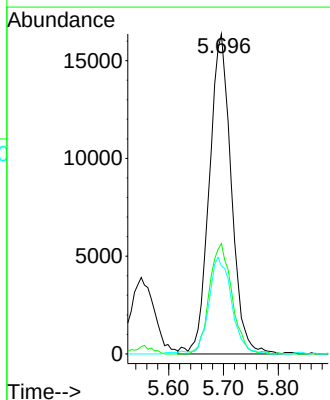
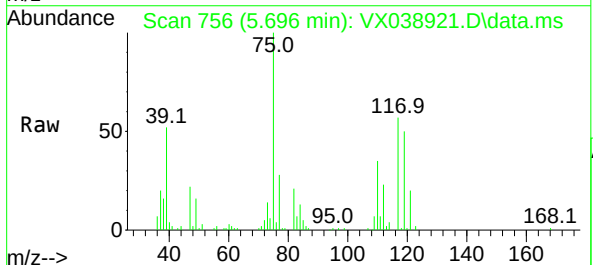
Manual Integrations
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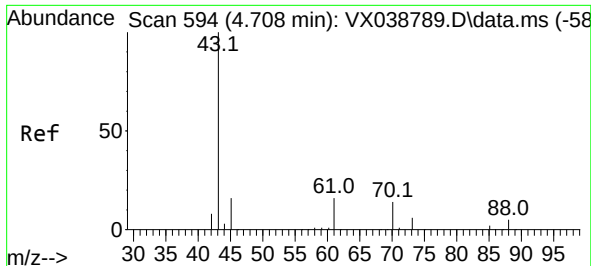
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#36
1,1-Dichloropropene
Concen: 17.964 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 75 Resp: 45501
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 18.633 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 43 Resp: 61489

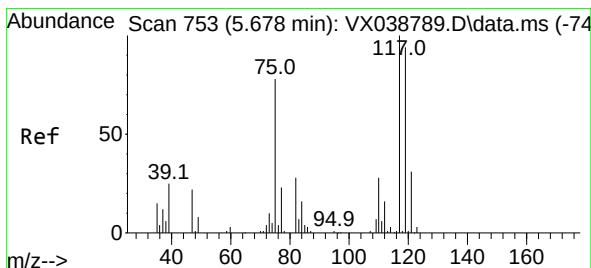
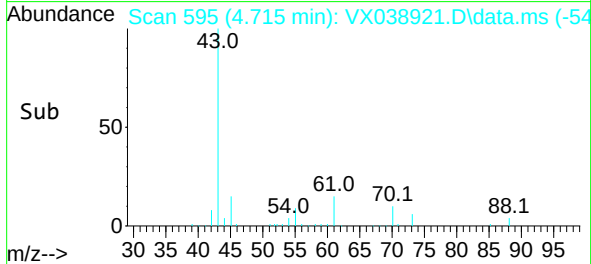
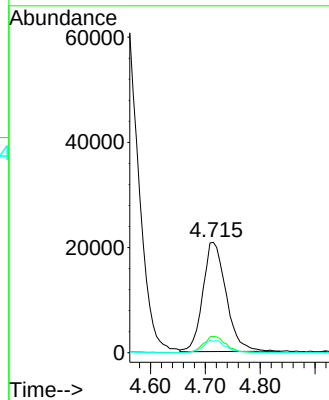
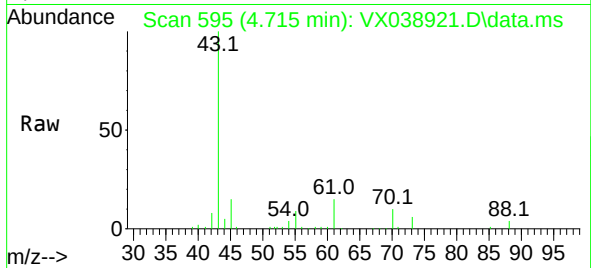
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	10.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 18.938 ug/l

RT: 5.678 min Scan# 753

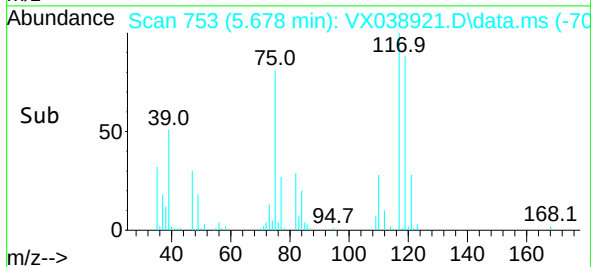
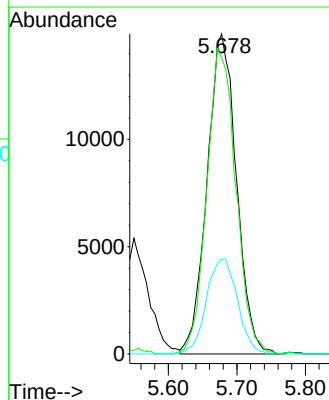
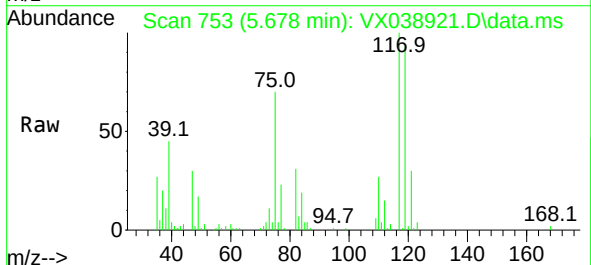
Delta R.T. 0.000 min

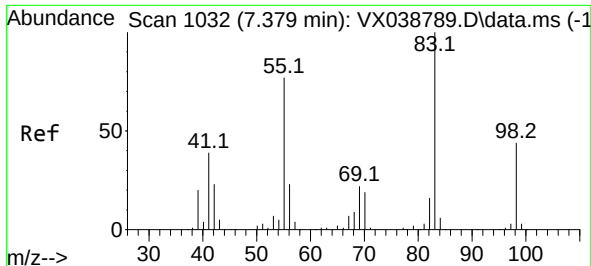
Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion:117 Resp: 44332

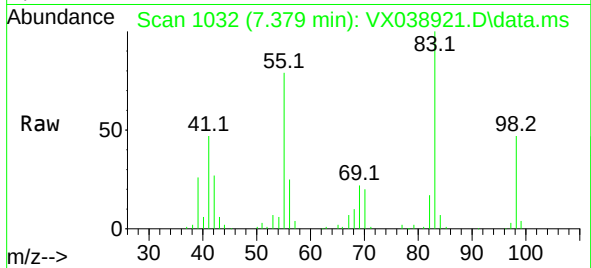
Ion	Ratio	Lower	Upper
117	100		
119	92.6	78.2	117.2
121	29.6	24.4	36.6





#39
Methylcyclohexane
Concen: 16.808 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

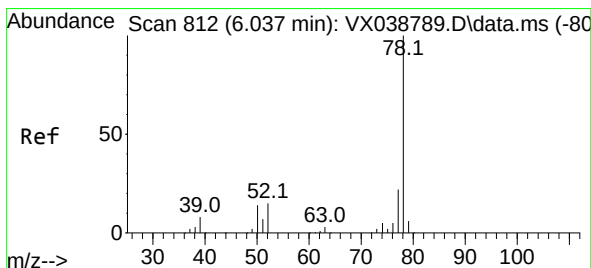
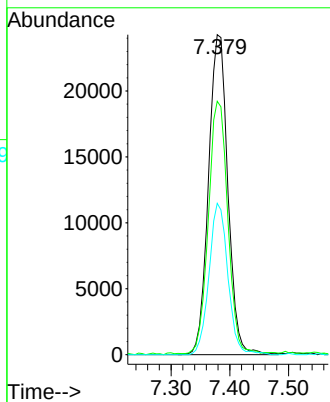
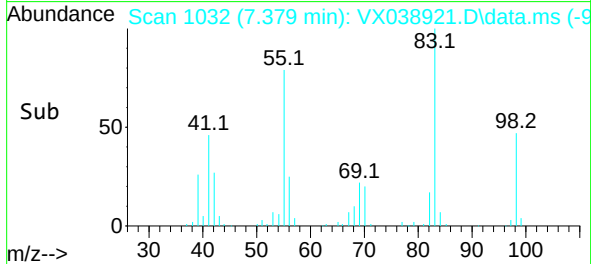
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 83 Resp: 5553
Ion Ratio Lower Upper
83 100
55 78.8 64.6 97.0
98 47.3 36.7 55.1

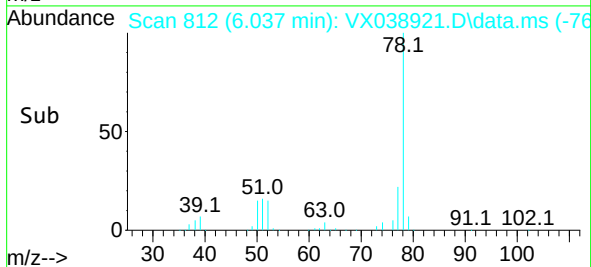
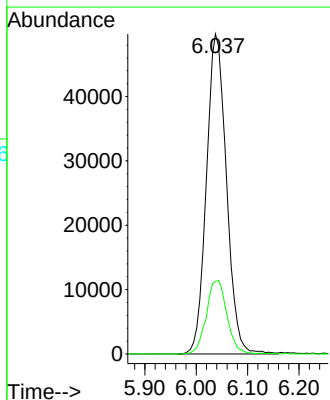
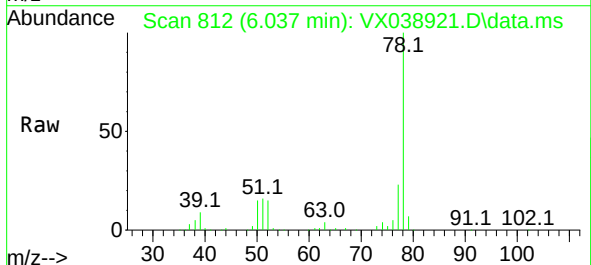
Manual Integrations
APPROVED

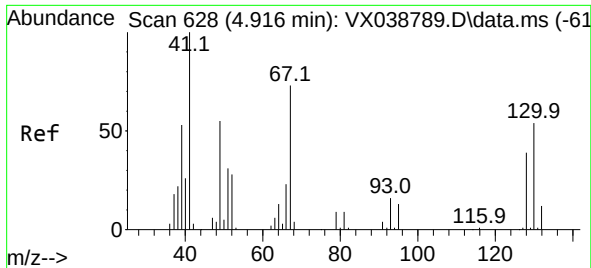
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 17.961 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

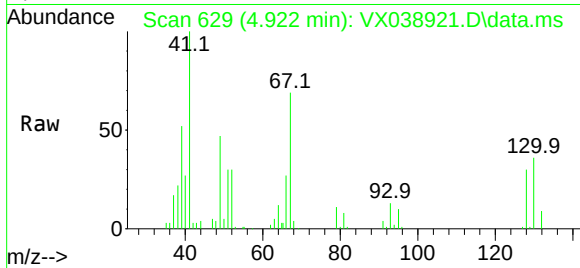
Tgt Ion: 78 Resp: 134553
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9





#41
Methacrylonitrile
Concen: 18.221 ug/l
RT: 4.922 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

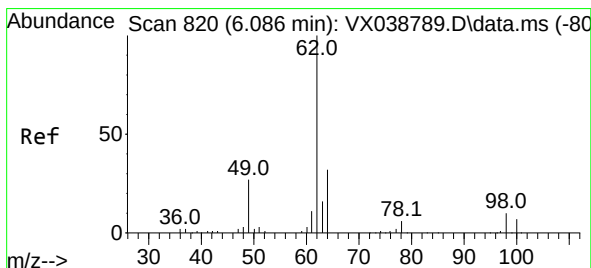
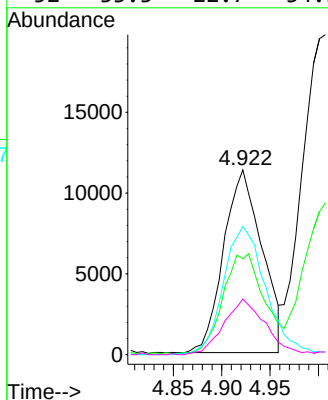
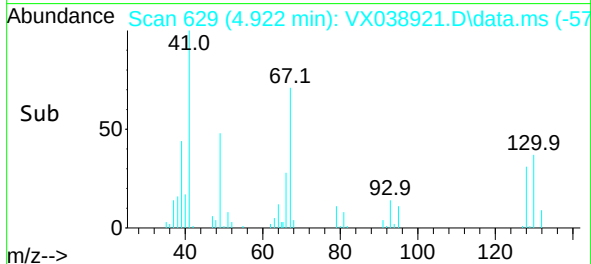
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 41 Resp: 3118
Ion Ratio Lower Upper
41 100
39 59.7 45.2 67.8
67 77.7 52.6 78.8
52 33.3 22.7 34.1

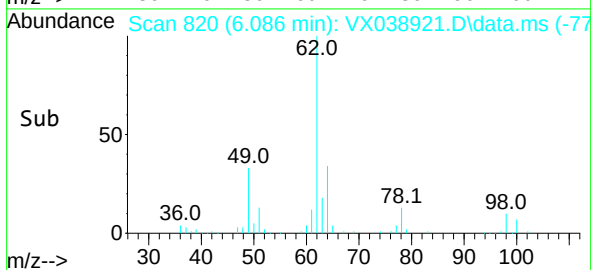
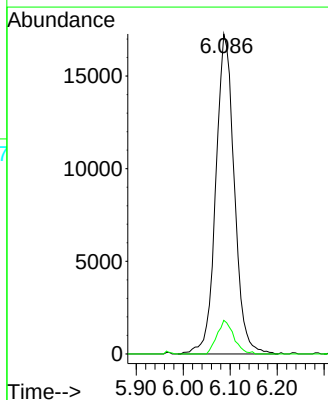
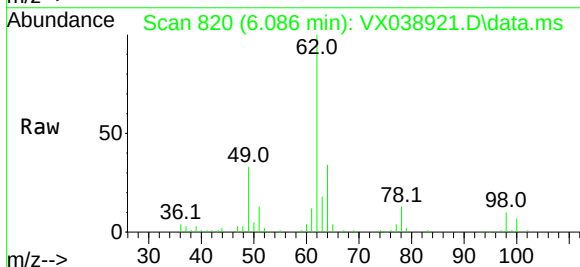
Manual Integrations
APPROVED

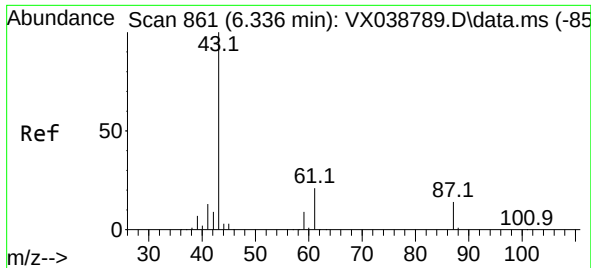
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 19.089 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 62 Resp: 47379
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.405 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

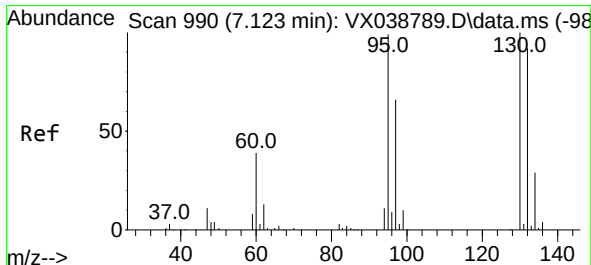
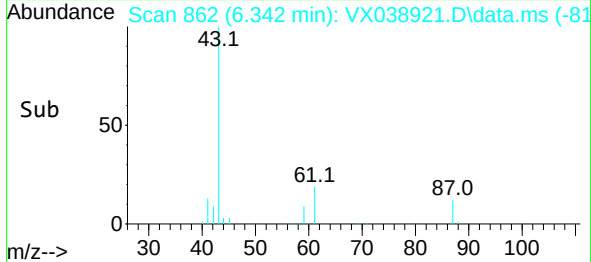
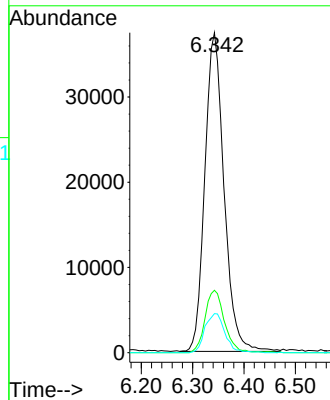
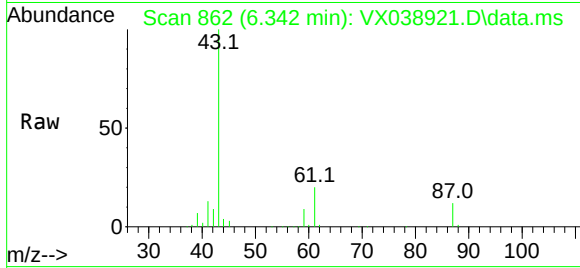
Tgt Ion: 43	Resp: 97062
Ion Ratio	Lower Upper
43 100	
61 19.8	15.2 22.8
87 12.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#44

Trichloroethene

Concen: 18.211 ug/l

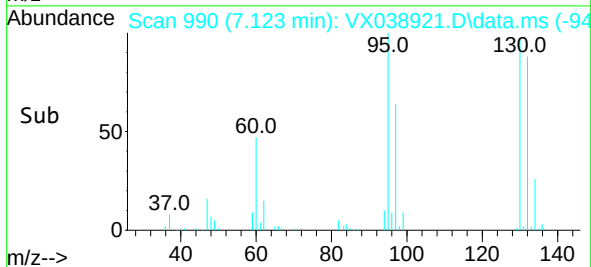
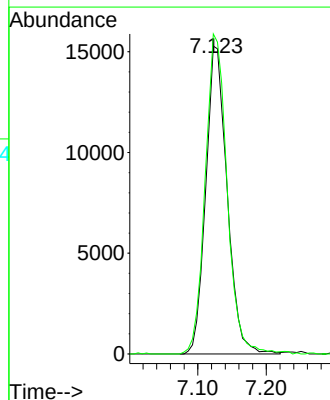
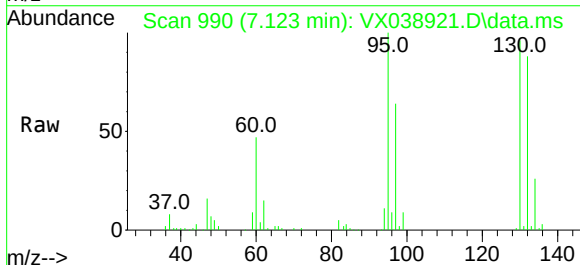
RT: 7.123 min Scan# 990

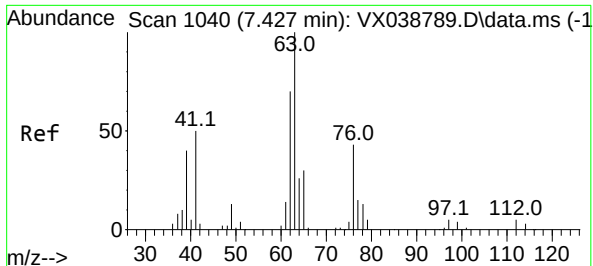
Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion:130	Resp: 33208
Ion Ratio	Lower Upper
130 100	
95 103.9	0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.374 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 63 Resp: 3704

Ion Ratio Lower Upper

63 100

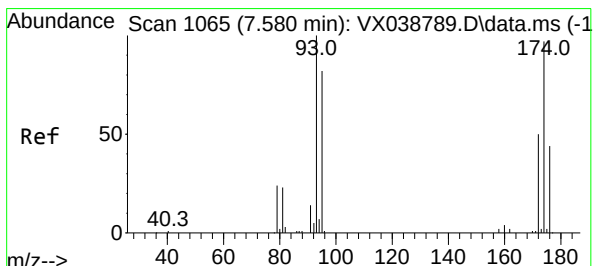
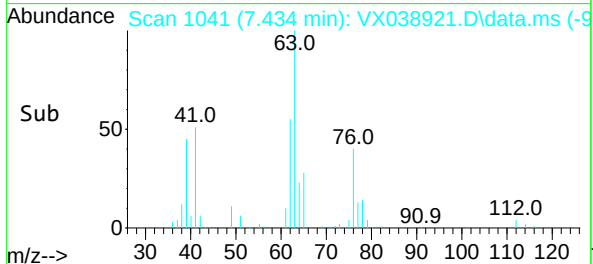
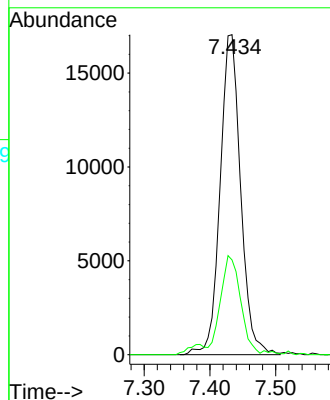
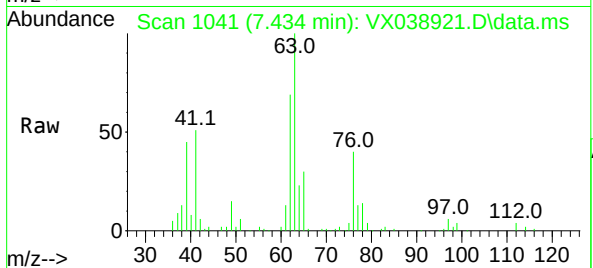
65 29.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 18.659 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

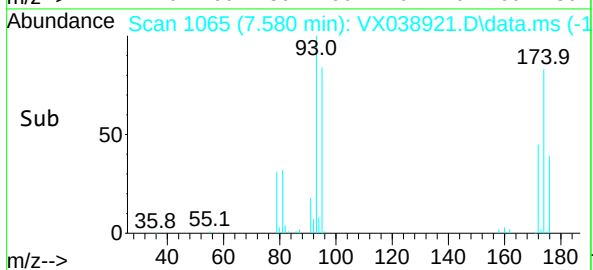
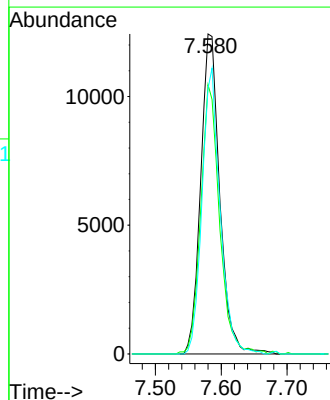
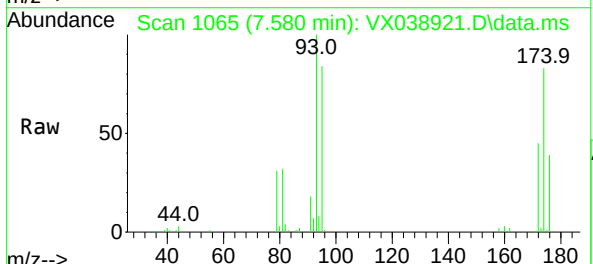
Tgt Ion: 93 Resp: 25085

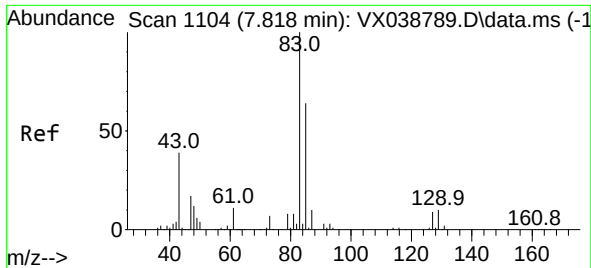
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 84.4 69.4 104.0





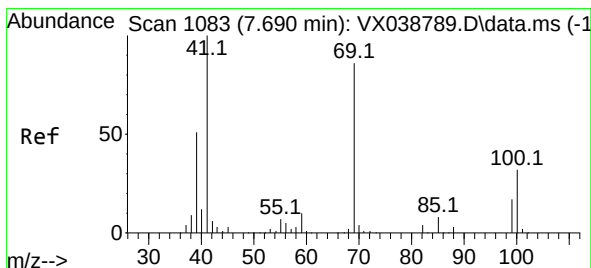
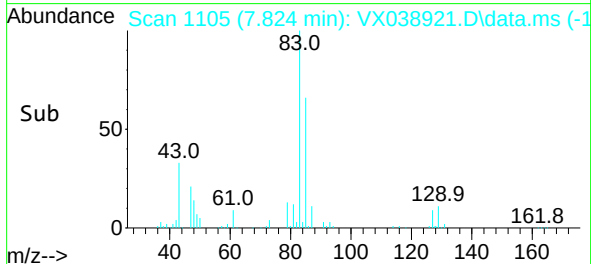
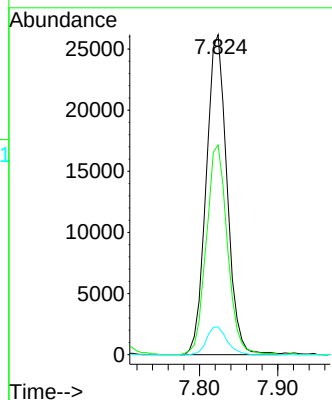
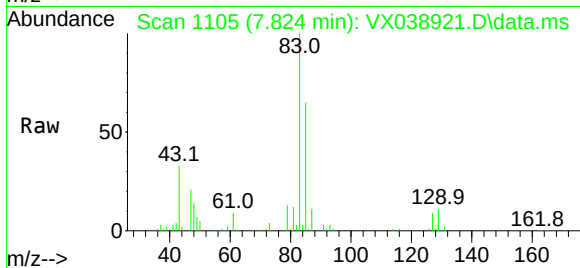
#47
Bromodichloromethane
Concen: 18.063 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 83 Resp: 48199
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 8.7 7.1 10.7

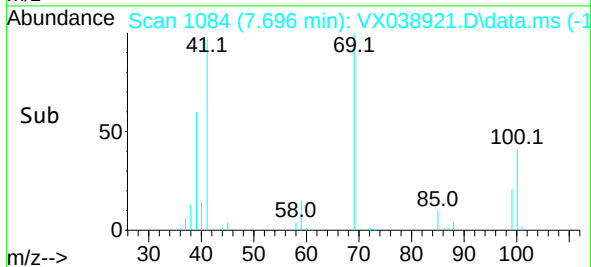
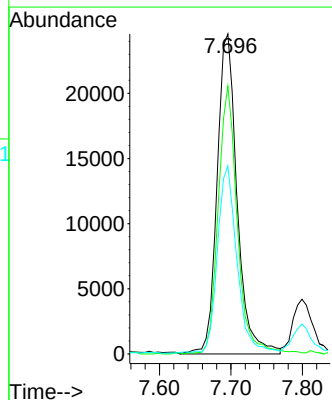
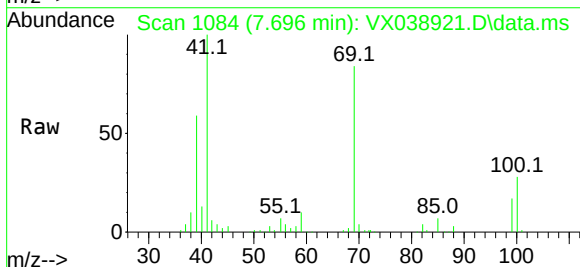
Manual Integrations
APPROVED

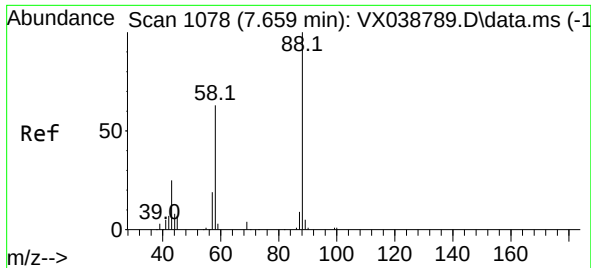
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 18.694 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

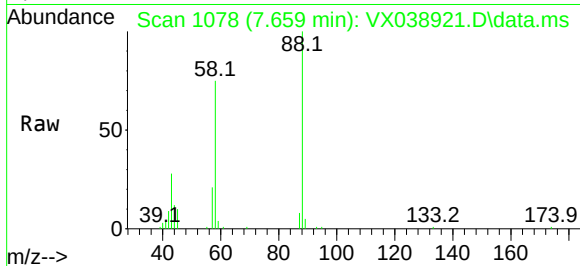
Tgt Ion: 41 Resp: 47835
Ion Ratio Lower Upper
41 100
69 79.8 59.2 88.8
39 57.1 47.7 71.5





#49
1,4-Dioxane
Concen: 430.966 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

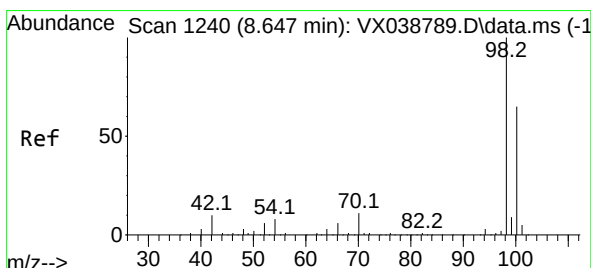
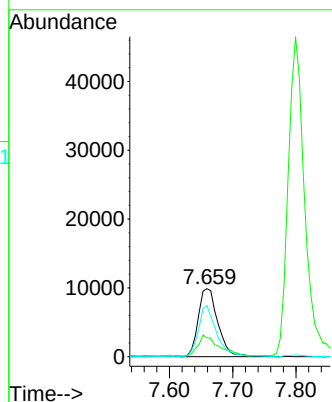
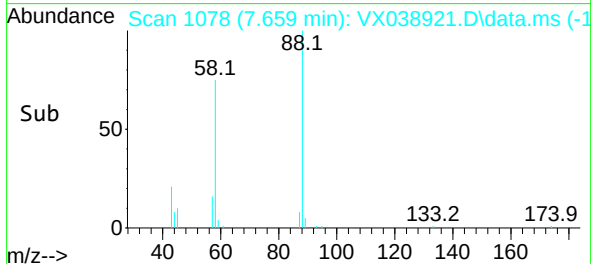
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 88 Resp: 21334
Ion Ratio Lower Upper
88 100
43 31.9 0.0 0.0
58 69.4 60.1 90.1

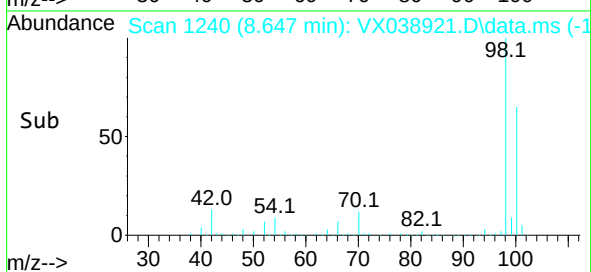
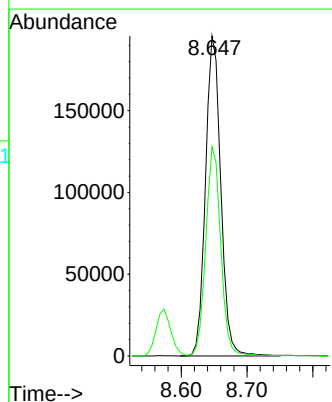
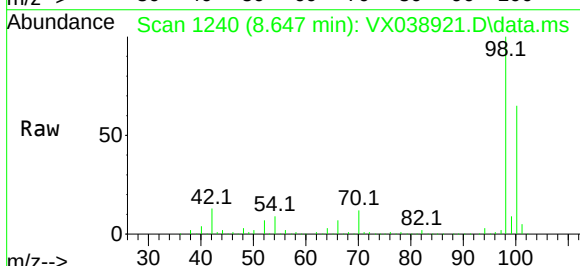
Manual Integrations
APPROVED

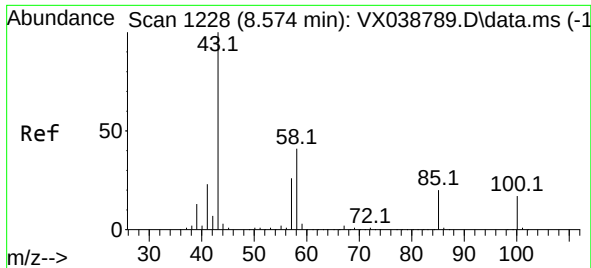
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#50
Toluene-d8
Concen: 46.862 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion: 98 Resp: 316858
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 97.459 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 43 Resp: 328460

Ion Ratio Lower Upper

43 100

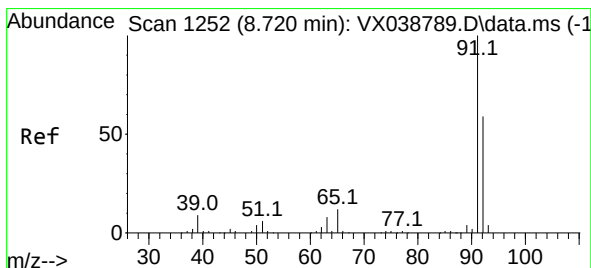
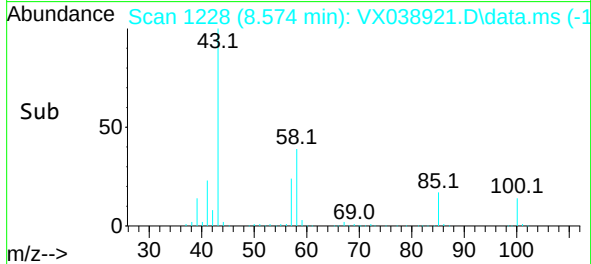
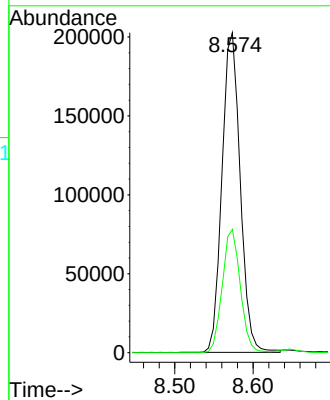
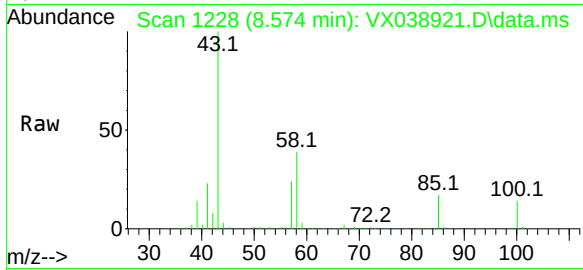
58 38.1 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#52

Toluene

Concen: 17.559 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038921.D

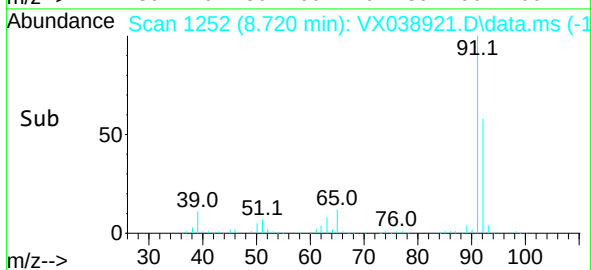
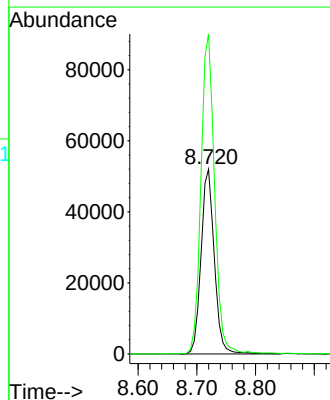
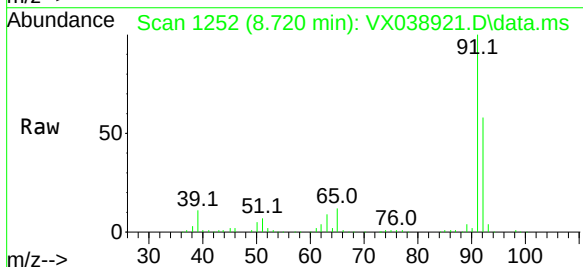
Acq: 18 Nov 2023 12:21

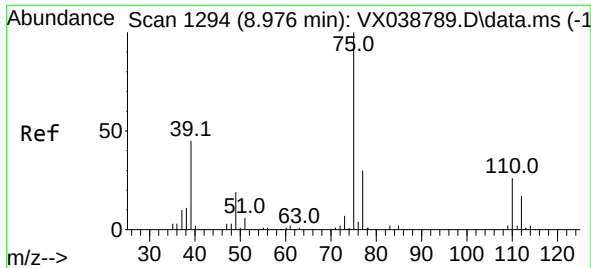
Tgt Ion: 92 Resp: 81630

Ion Ratio Lower Upper

92 100

91 176.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 17.499 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 75 Resp: 55489

Ion Ratio Lower Upper

75 100

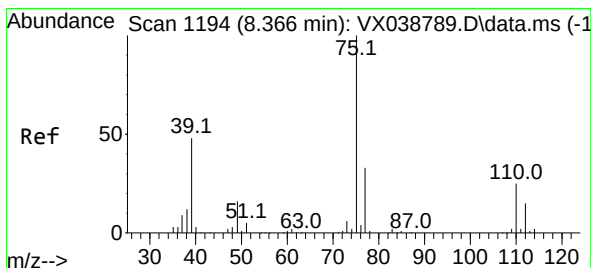
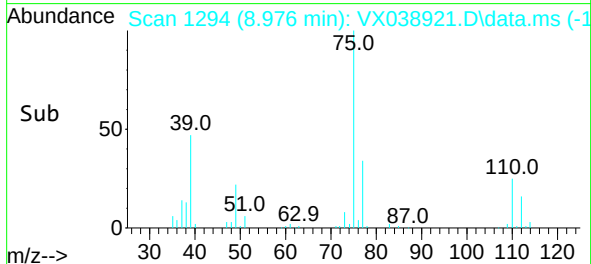
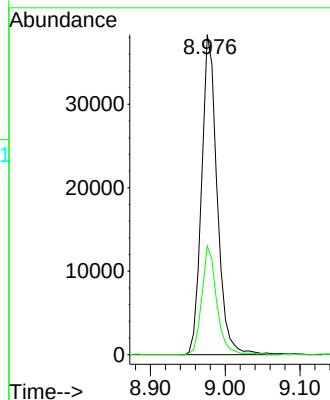
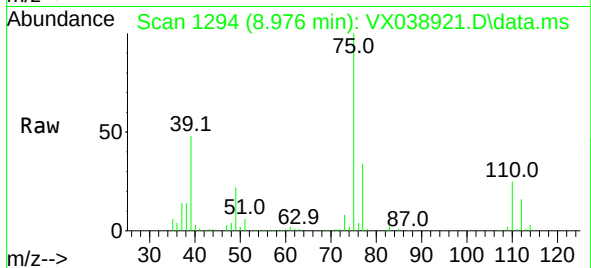
77 34.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#54

cis-1,3-Dichloropropene

Concen: 17.806 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

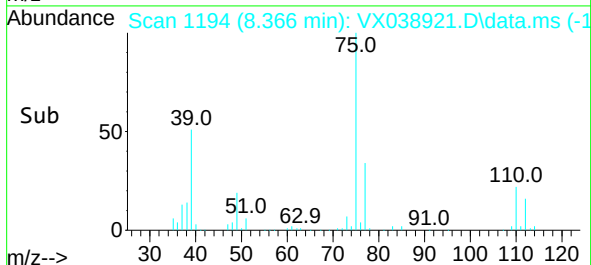
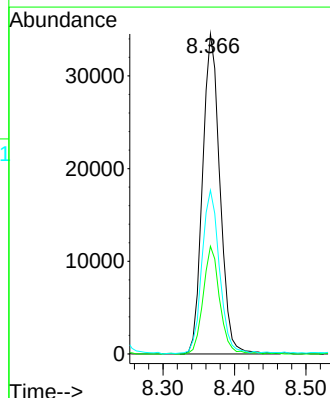
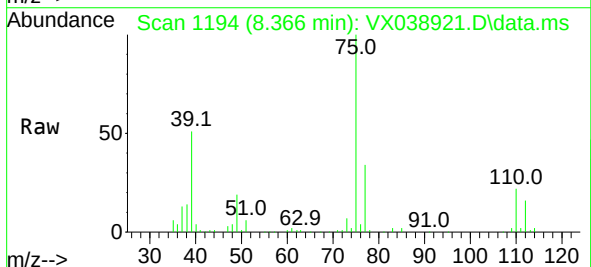
Tgt Ion: 75 Resp: 58322

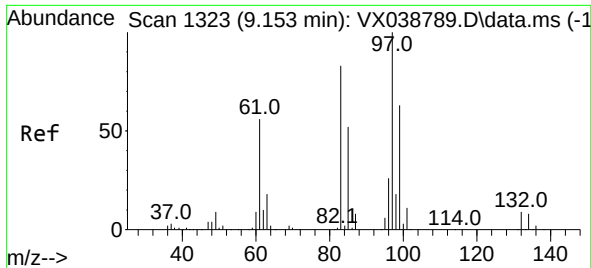
Ion Ratio Lower Upper

75 100

77 33.7 25.3 37.9

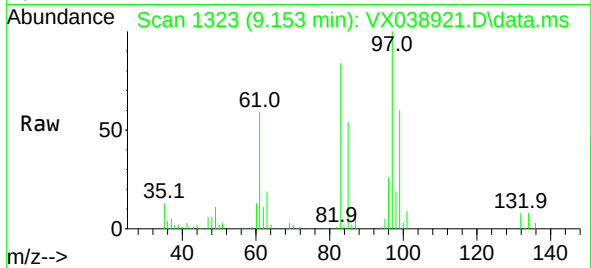
39 50.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.057 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

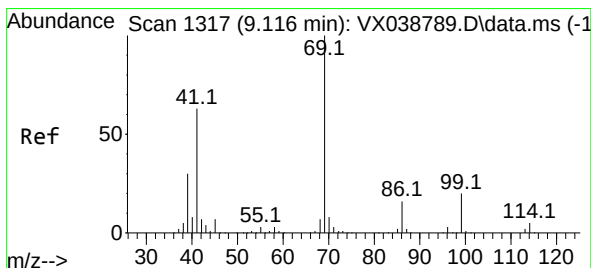
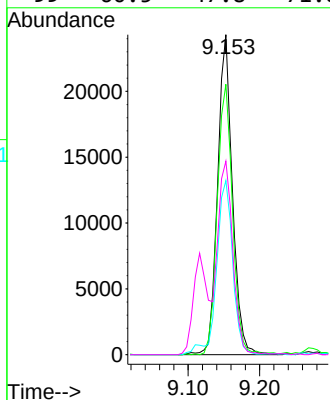
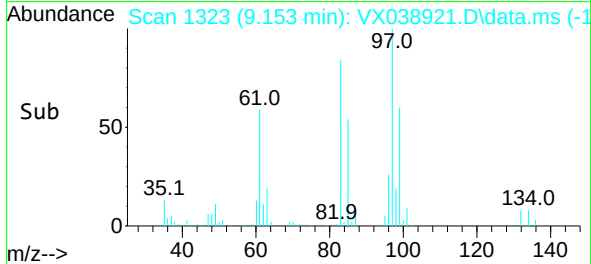


Tgt Ion: 97 Resp: 35020

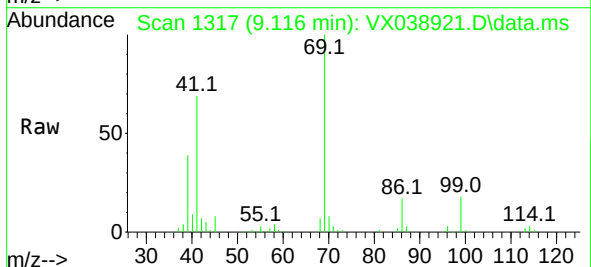
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.8
85	54.4	41.6	62.4
99	60.5	47.8	71.8

Manual Integrations
APPROVED

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

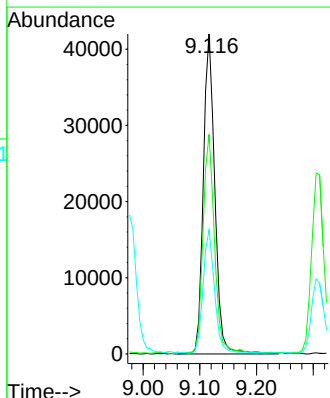
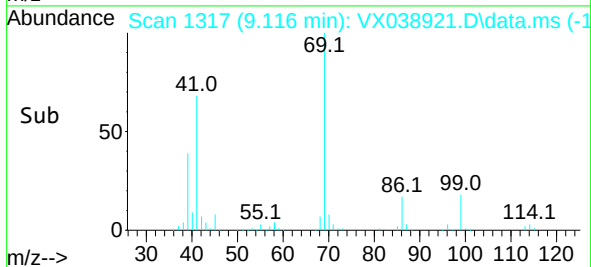


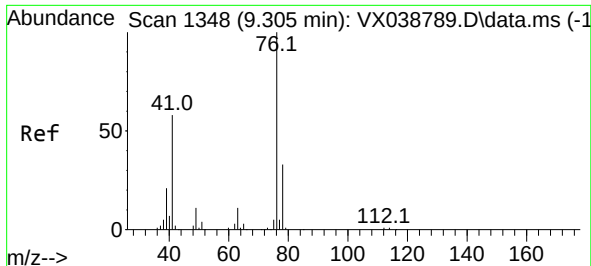
#56
Ethyl methacrylate
Concen: 18.017 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 69 Resp: 59131

Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.8	85.2
39	38.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 18.462 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 76 Resp: 59220

Ion Ratio Lower Upper

76 100

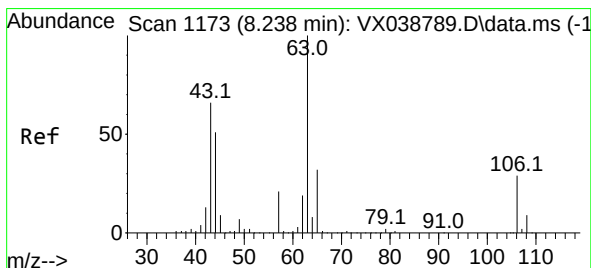
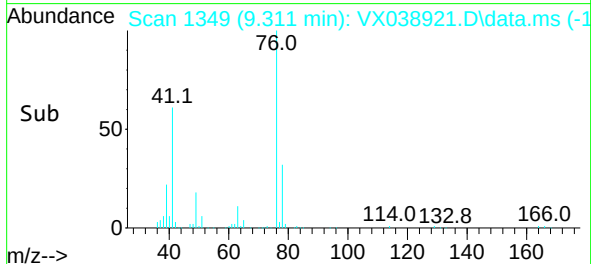
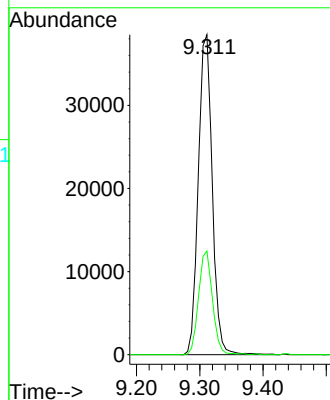
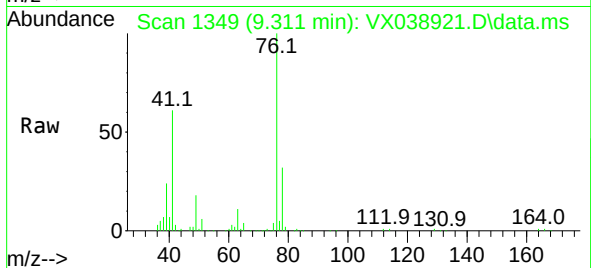
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.227 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038921.D

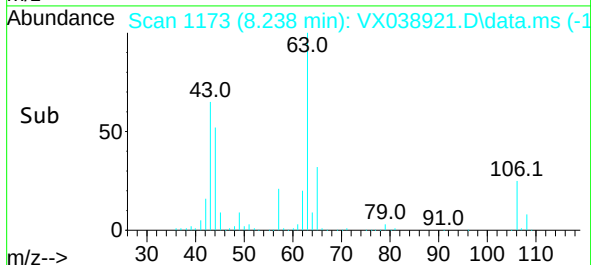
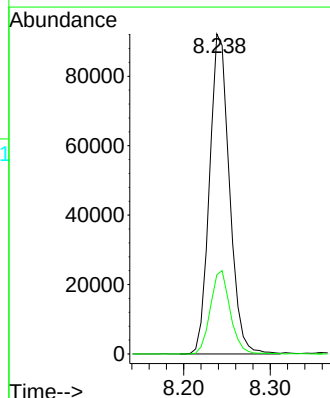
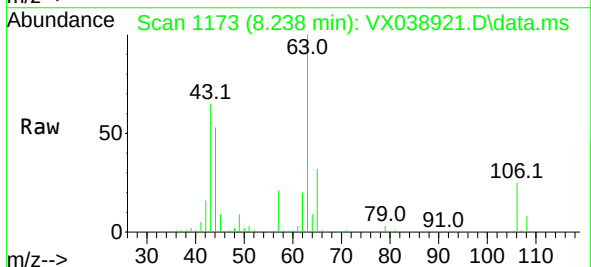
Acq: 18 Nov 2023 12:21

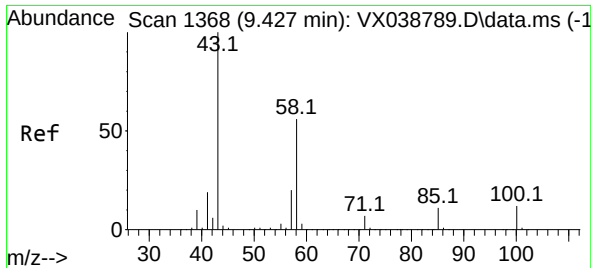
Tgt Ion: 63 Resp: 147119

Ion Ratio Lower Upper

63 100

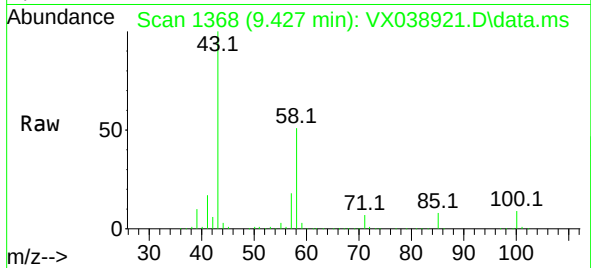
106 25.9 22.5 33.7





#59
2-Hexanone
Concen: 97.442 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

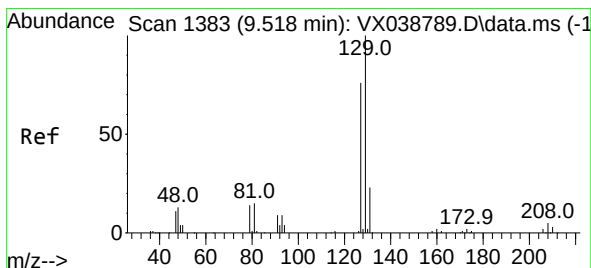
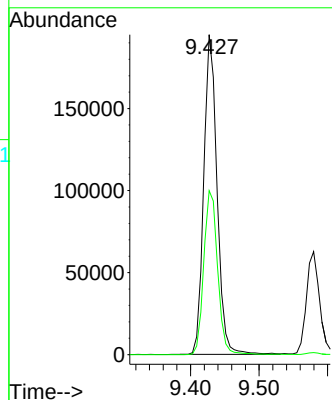
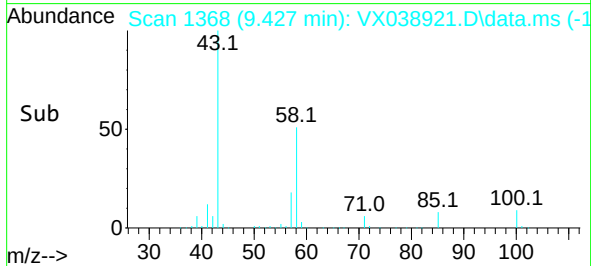
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 43 Resp: 26322
Ion Ratio Lower Upper
43 100
58 53.6 26.2 78.5

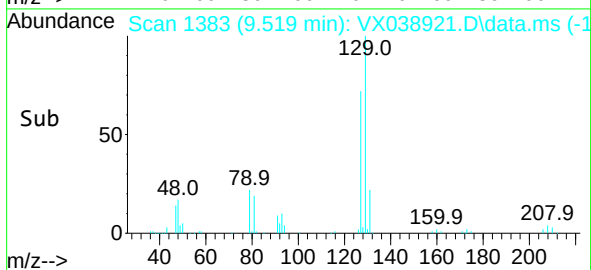
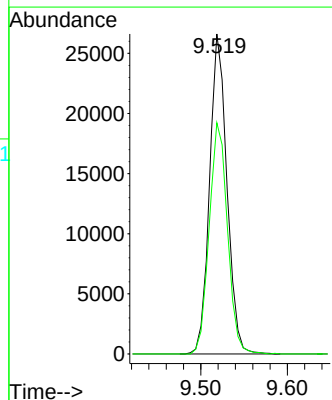
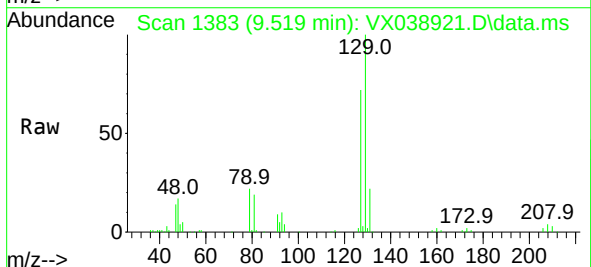
Manual Integrations
APPROVED

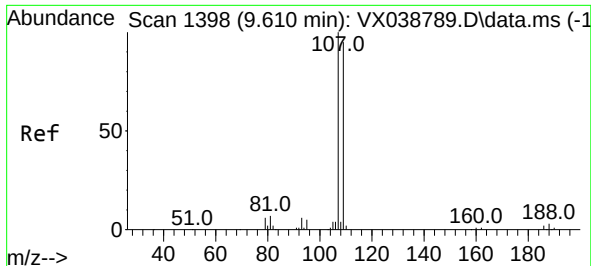
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 18.758 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

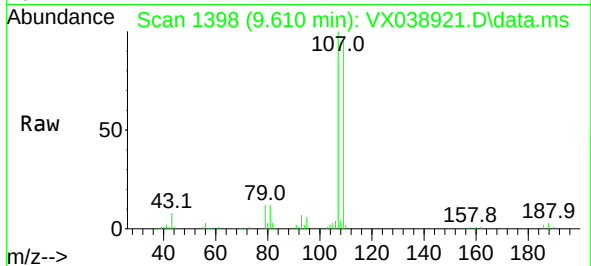
Tgt Ion:129 Resp: 36997
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.635 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

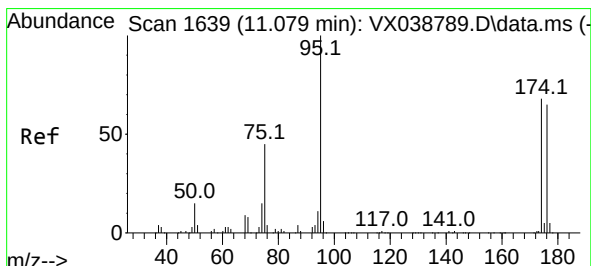
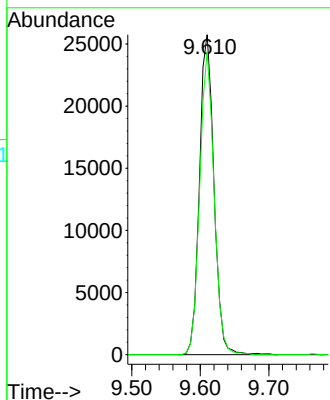
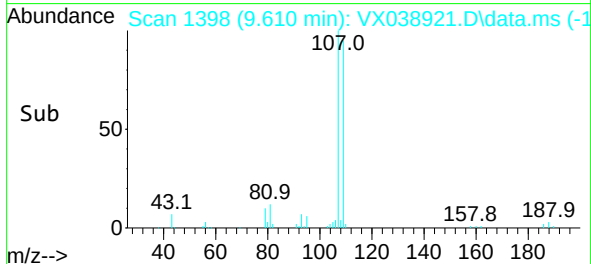
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



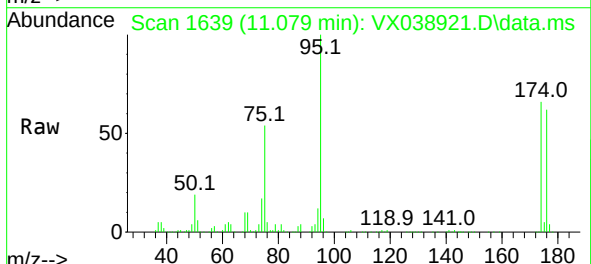
Tgt Ion:107 Resp: 3793
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

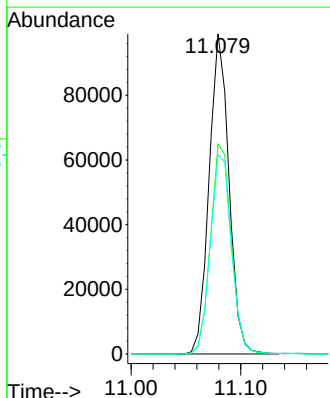
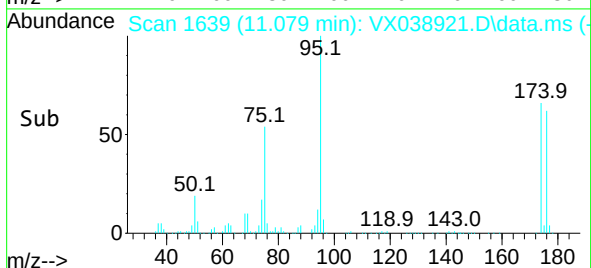
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

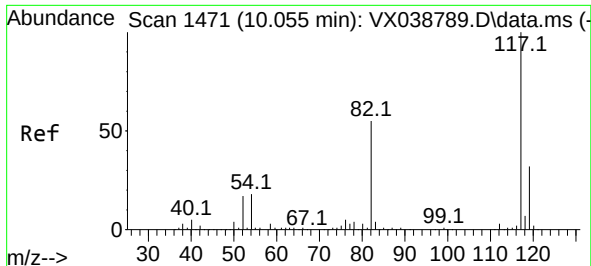


#62
4-Bromofluorobenzene
Concen: 45.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



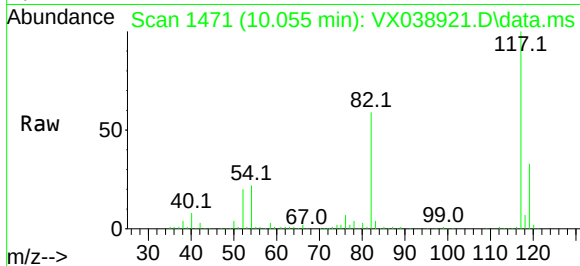
Tgt Ion: 95 Resp: 124369
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 66.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

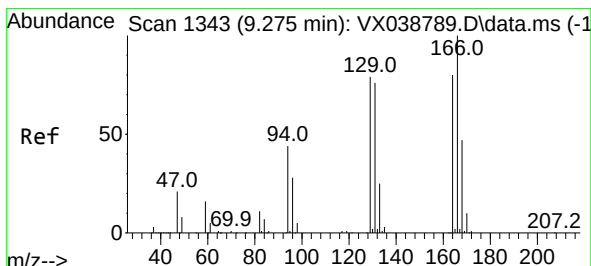
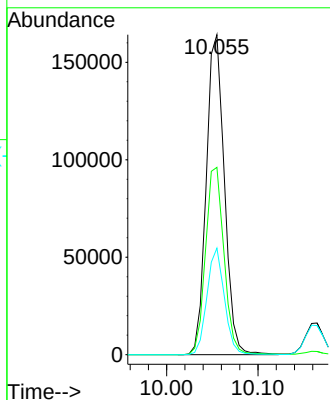
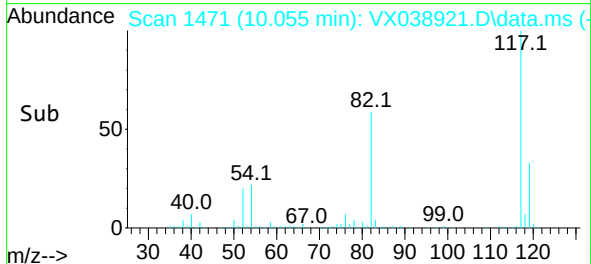
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion:117 Resp: 226285
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 33.3 25.5 38.3

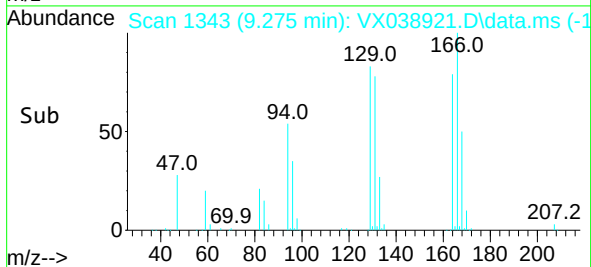
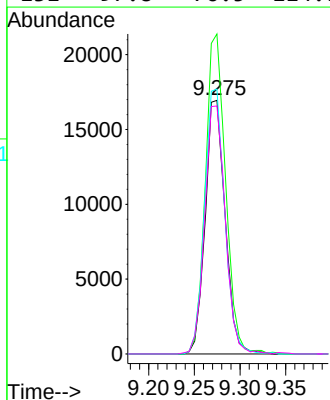
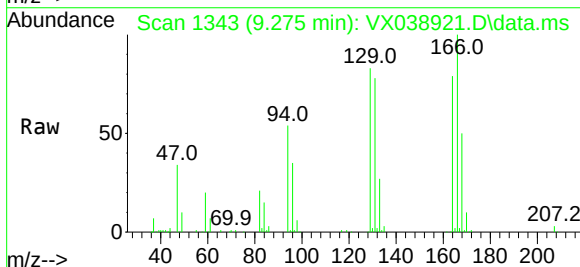
Manual Integrations
APPROVED

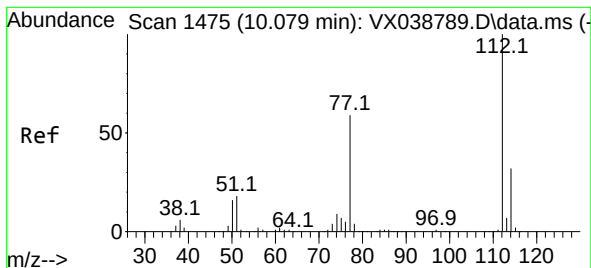
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 18.305 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion:164 Resp: 25747
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 104.4 80.4 120.6
131 97.8 76.5 114.7





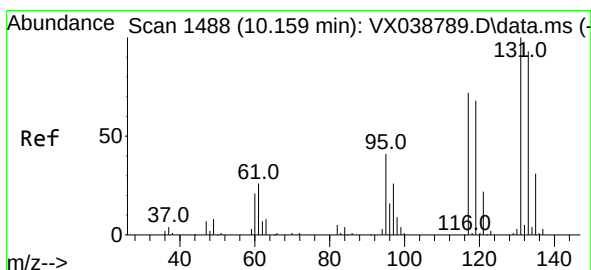
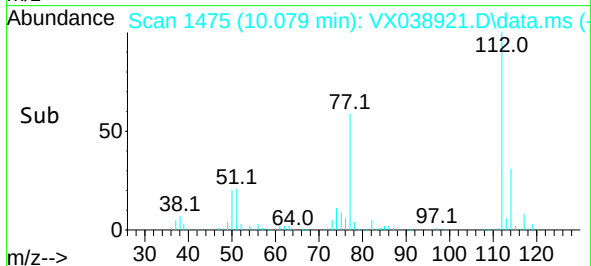
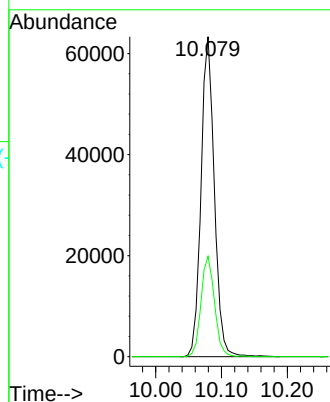
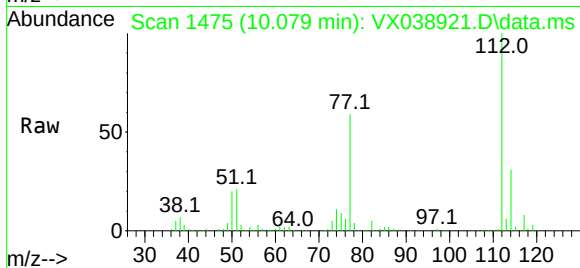
#65
Chlorobenzene
Concen: 18.276 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion:112 Resp: 8908
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

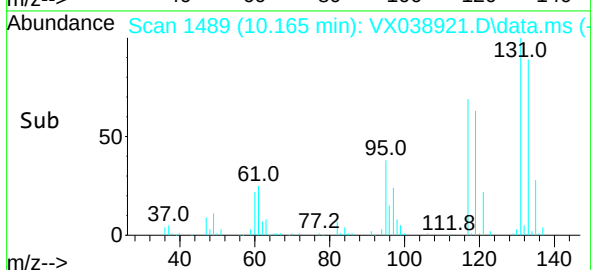
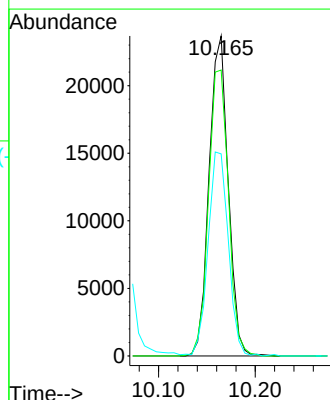
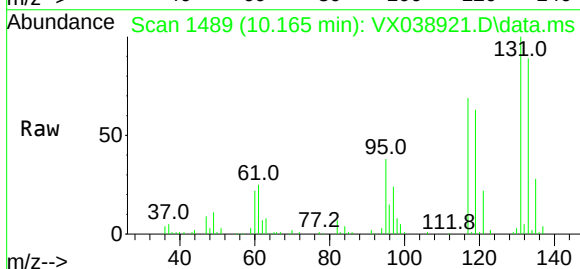
Manual Integrations
APPROVED

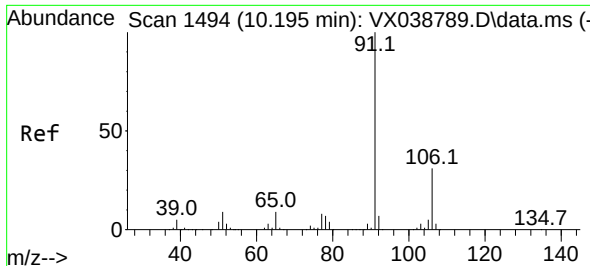
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.563 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion:131 Resp: 32548
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 66.9 32.2 96.6





#67

Ethyl Benzene

Concen: 18.227 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion: 91 Resp: 16323

Ion Ratio Lower Upper

91 100

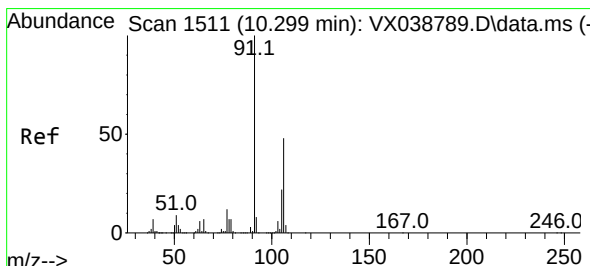
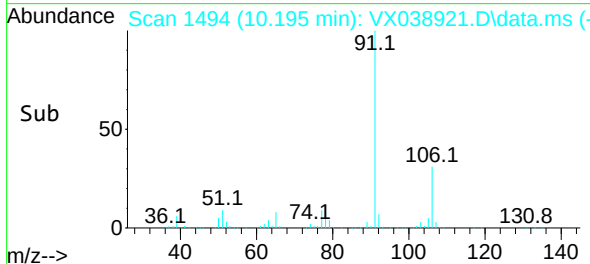
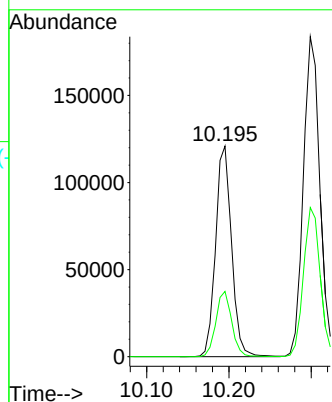
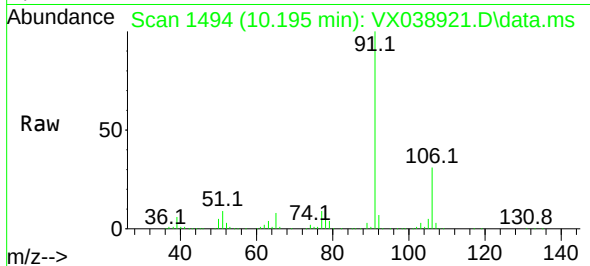
106 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#68

m/p-Xylenes

Concen: 36.063 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038921.D

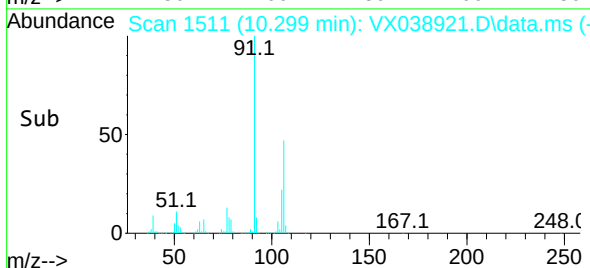
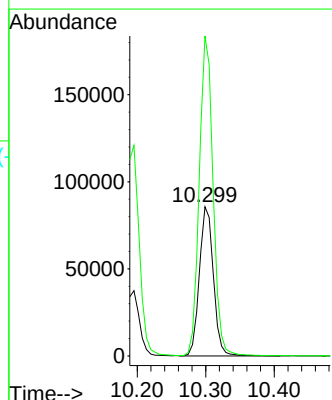
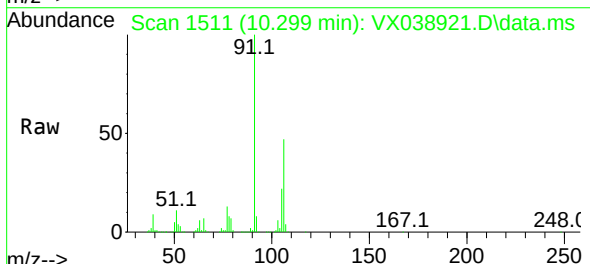
Acq: 18 Nov 2023 12:21

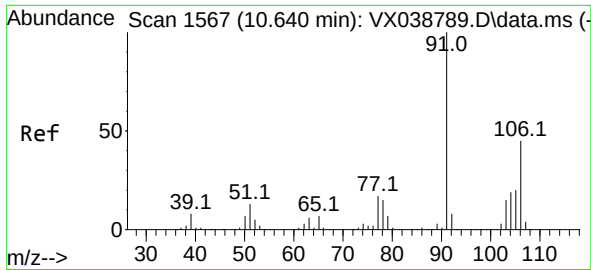
Tgt Ion:106 Resp: 122169

Ion Ratio Lower Upper

106 100

91 210.7 165.5 248.3





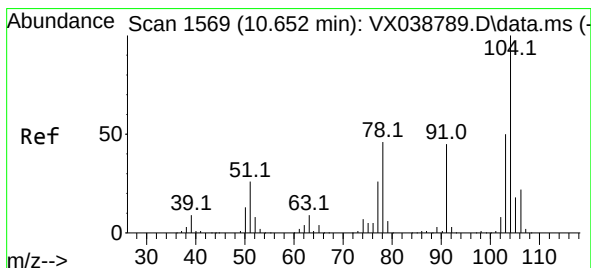
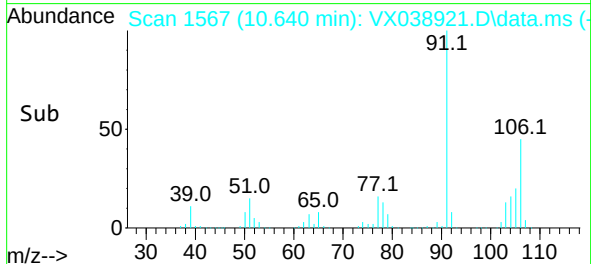
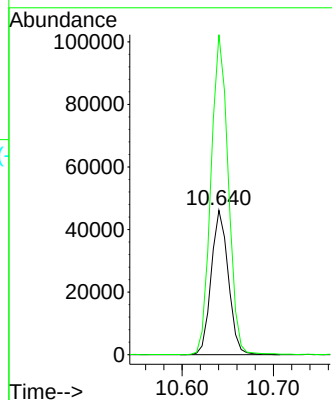
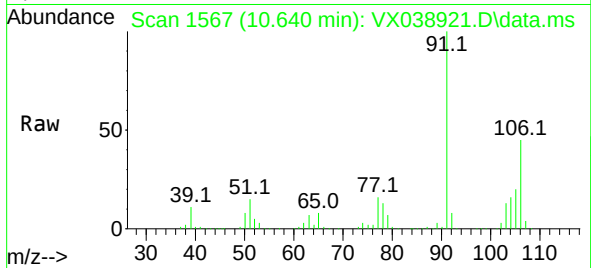
#69
o-Xylene
Concen: 17.837 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion:106 Resp: 59790
Ion Ratio Lower Upper
106 100
91 224.6 108.9 326.8

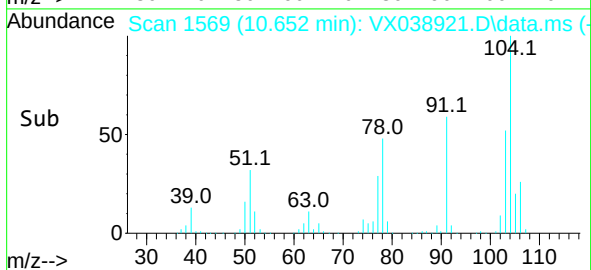
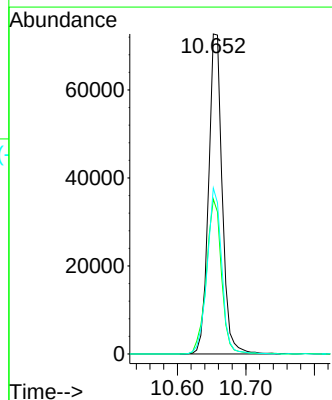
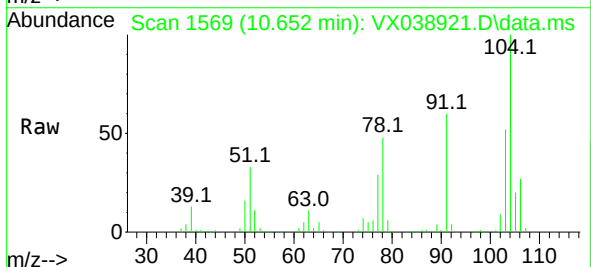
Manual Integrations
APPROVED

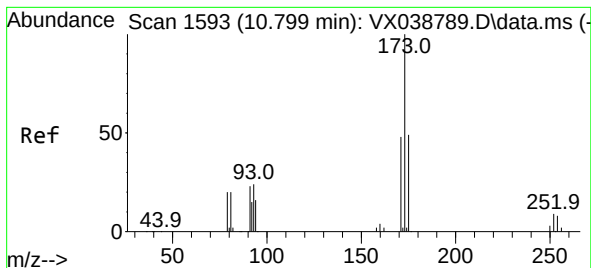
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 17.860 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion:104 Resp: 101106
Ion Ratio Lower Upper
104 100
78 53.4 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 18.244 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

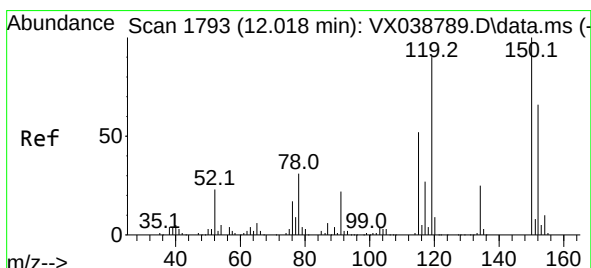
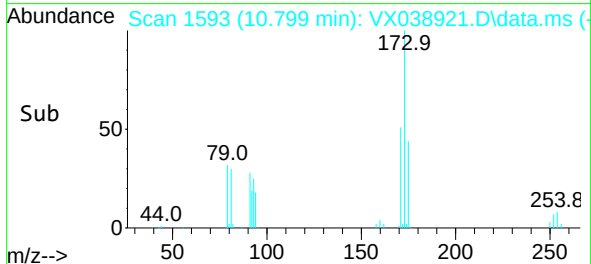
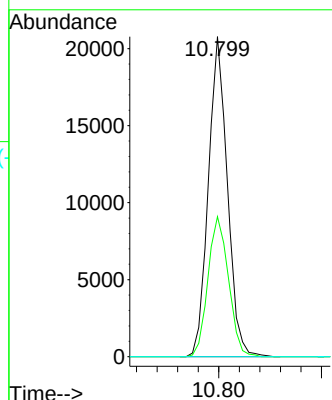
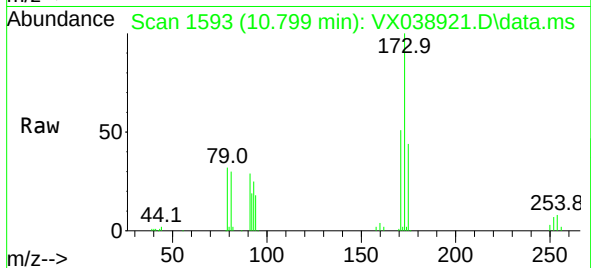
Tgt Ion:173	Resp:	2666	
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

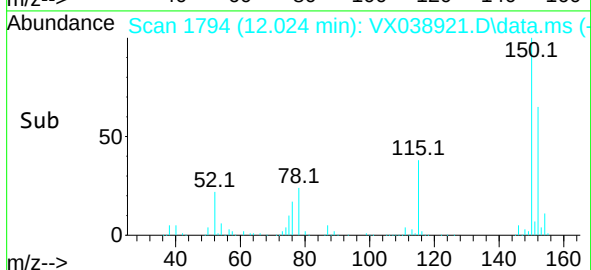
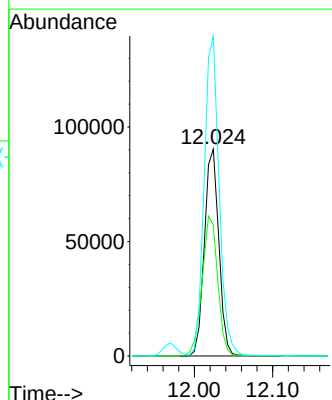
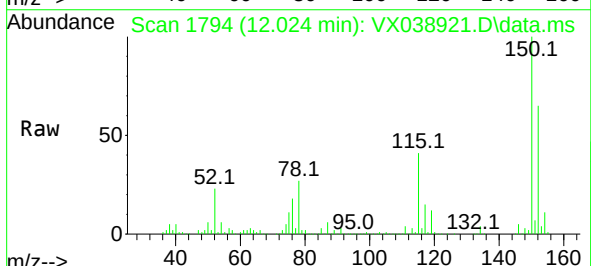
RT: 12.024 min Scan# 1794

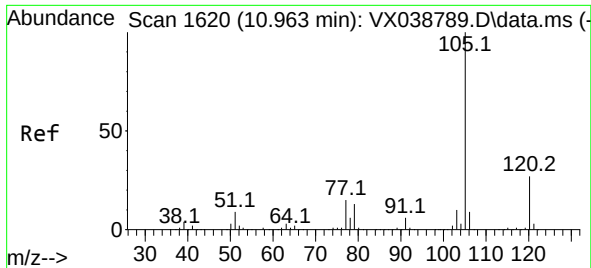
Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion:152	Resp:	115542	
Ion Ratio	Lower	Upper	
152	100		
115	73.0	43.3	129.9
150	159.9	0.0	345.0





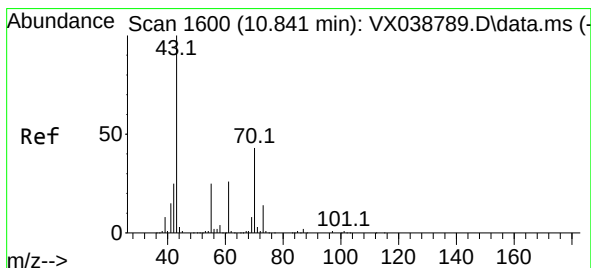
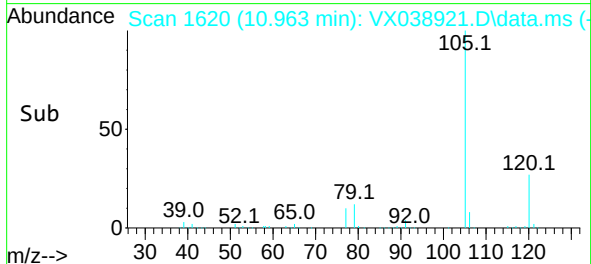
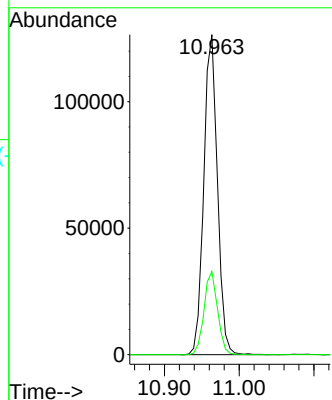
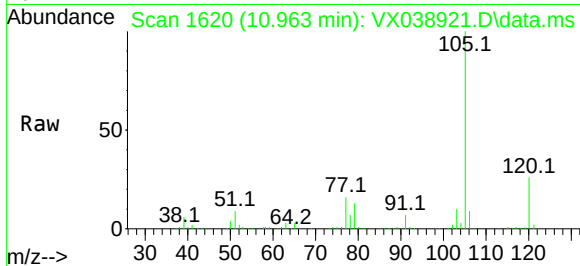
#73
Isopropylbenzene
Concen: 17.755 ug/l
RT: 10.963 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion:105 Resp: 159834
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

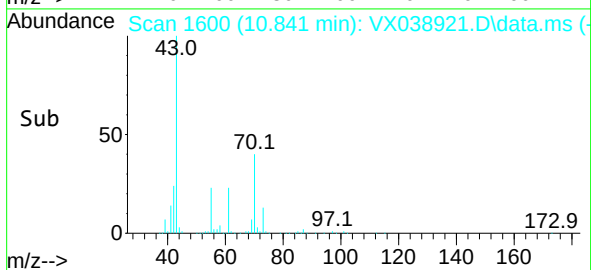
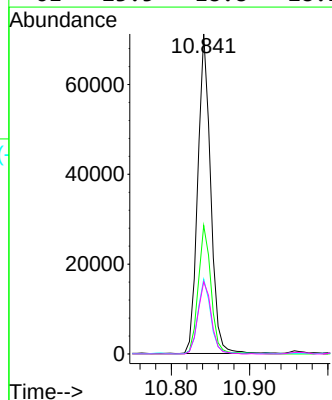
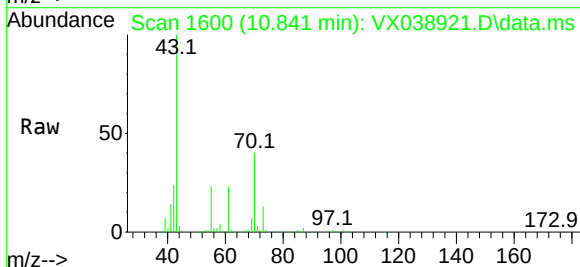
Manual Integrations
APPROVED

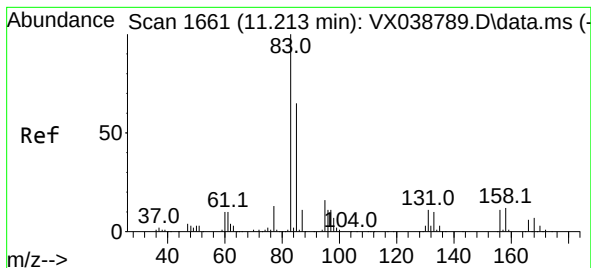
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 17.053 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

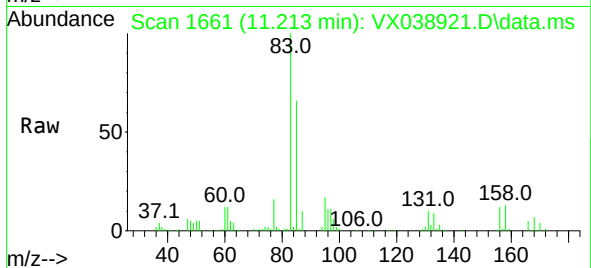
Tgt Ion: 43 Resp: 81152
Ion Ratio Lower Upper
43 100
70 40.1 32.9 49.3
55 23.5 19.3 28.9
61 23.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.442 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

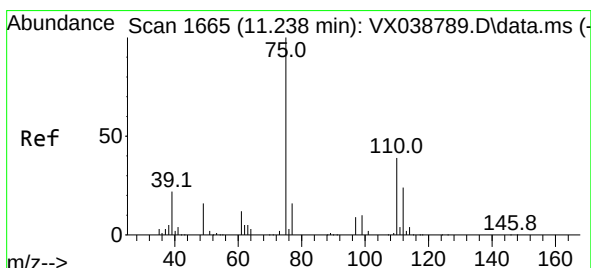
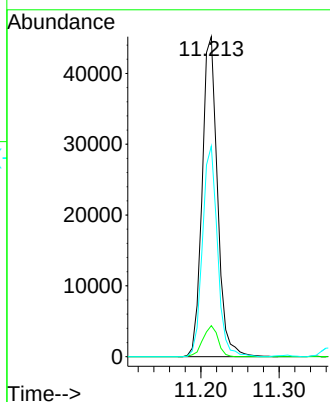
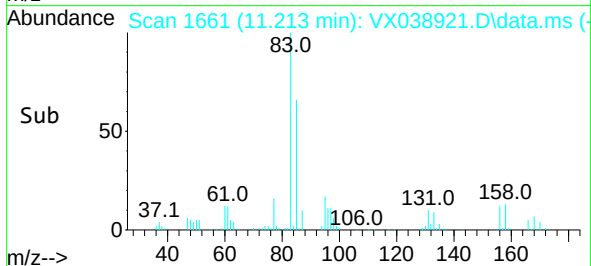
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



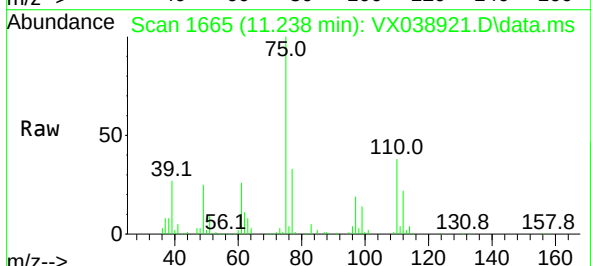
Tgt Ion: 83 Resp: 61290
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

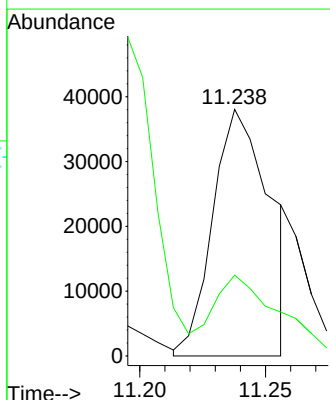
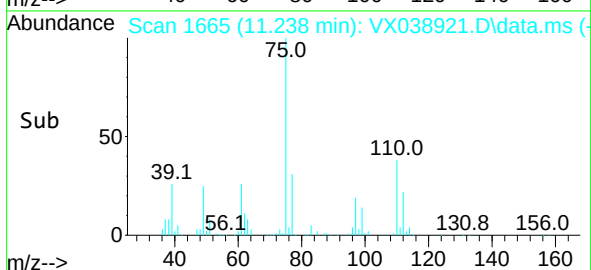
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

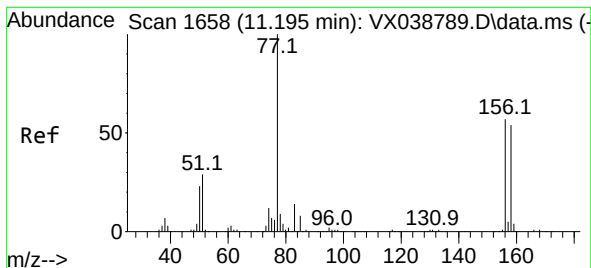


#76
1,2,3-Trichloropropane
Concen: 20.817 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 75 Resp: 60010
Ion Ratio Lower Upper
75 100
77 38.0 19.1 57.5





#77

Bromobenzene

Concen: 17.639 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion:156 Resp: 35680

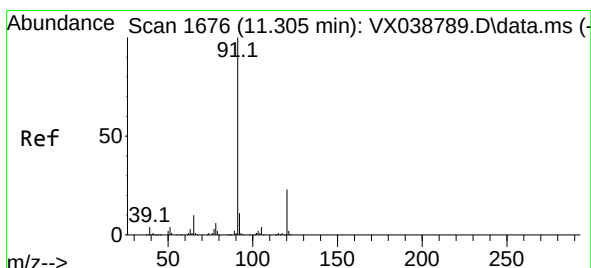
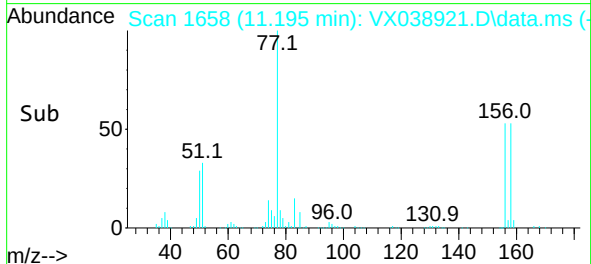
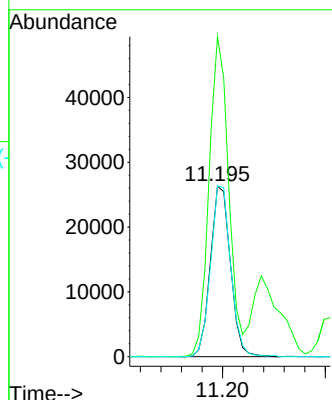
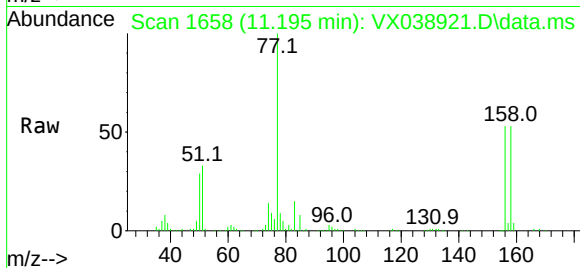
Ion	Ratio	Lower	Upper
156	100		
77	182.6	88.4	265.3
158	100.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 17.443 ug/l

RT: 11.305 min Scan# 1676

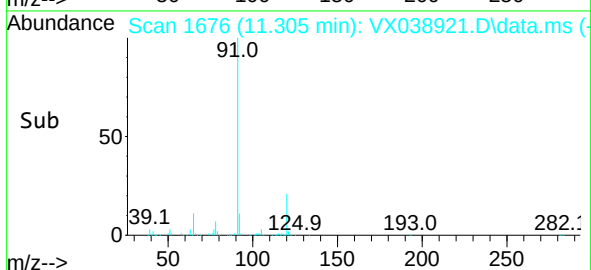
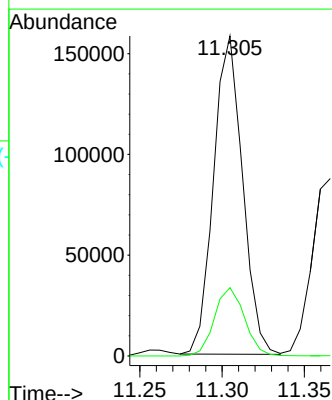
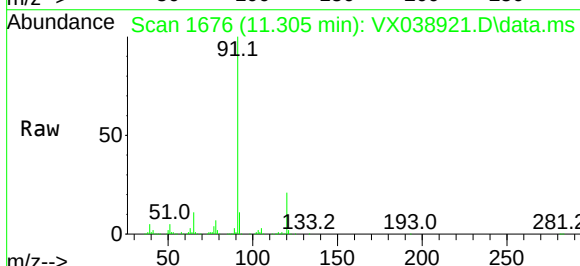
Delta R.T. 0.000 min

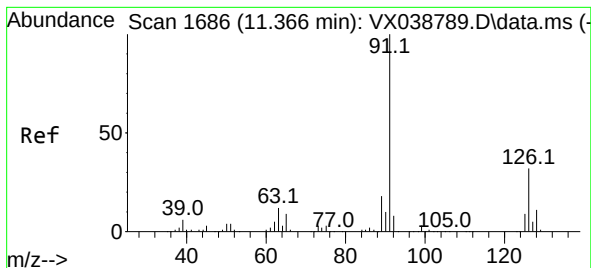
Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion: 91 Resp: 193281

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.5	34.4





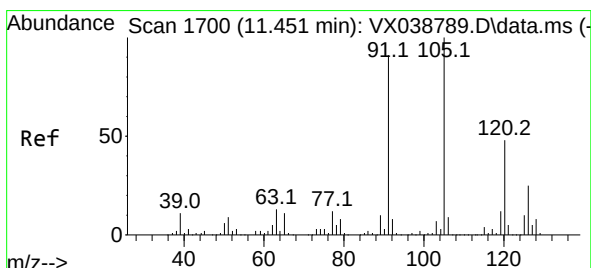
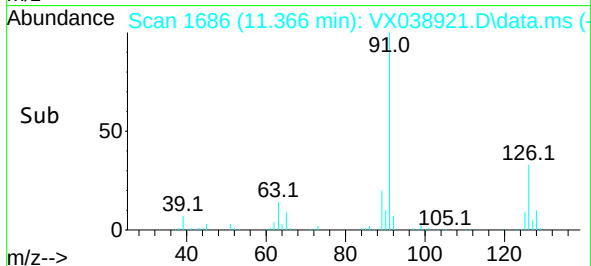
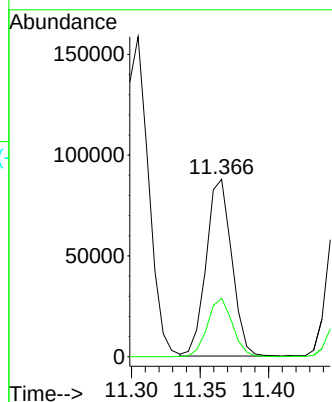
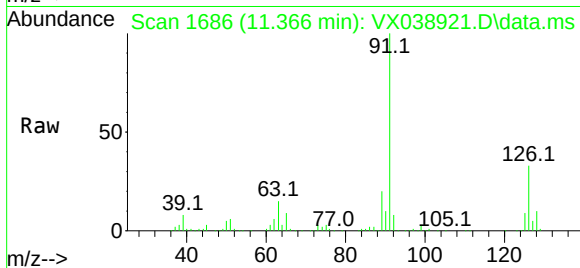
#79
2-Chlorotoluene
Concen: 17.313 ug/l
RT: 11.366 min Scan# 113850
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 91 Resp: 113850
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

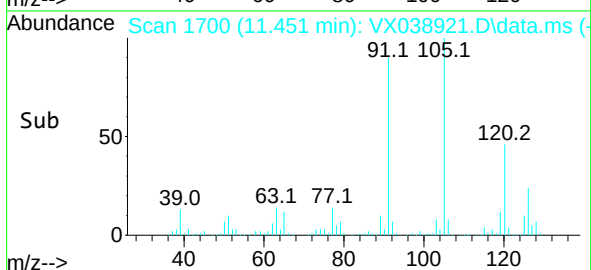
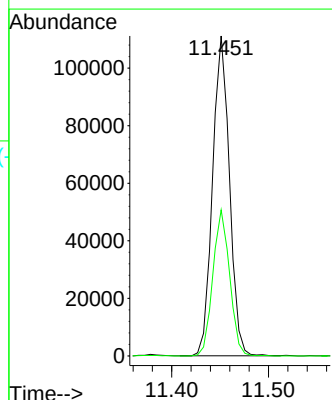
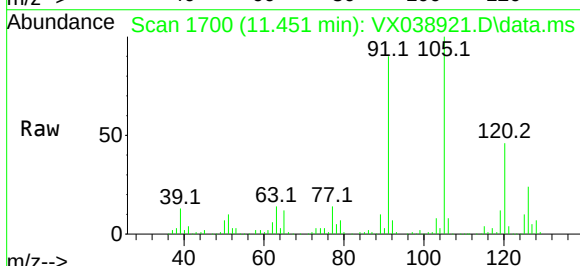
Manual Integrations
APPROVED

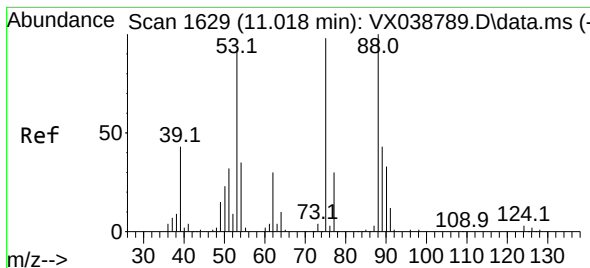
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.796 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Tgt Ion:105 Resp: 134701
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





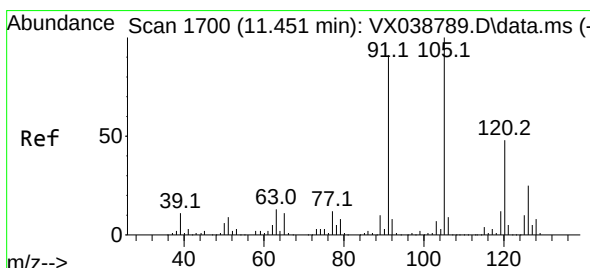
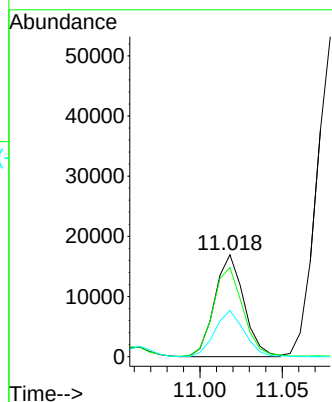
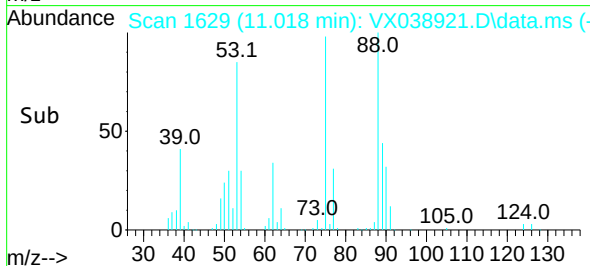
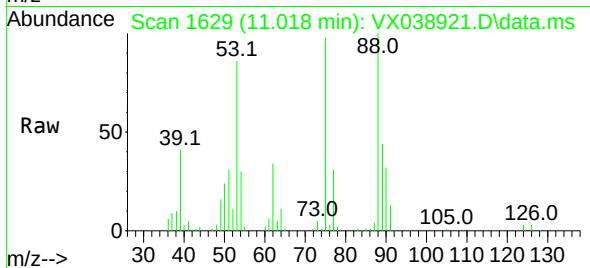
#81
trans-1,4-Dichloro-2-butene
Concen: 16.103 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Tgt Ion: 75 Resp: 20928
Ion Ratio Lower Upper
75 100
53 88.3 90.5 135.7
89 45.9 36.9 55.3

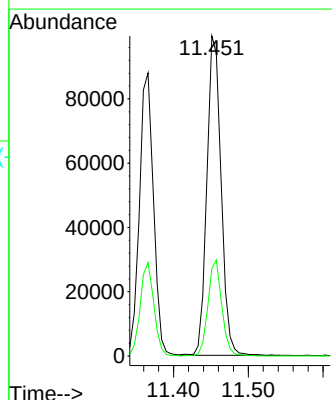
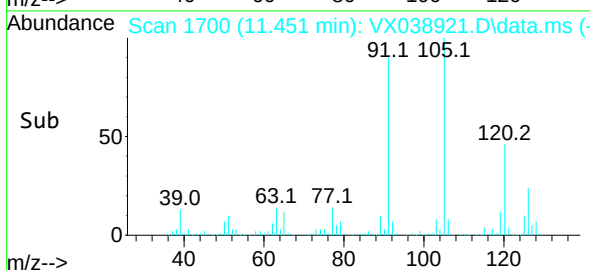
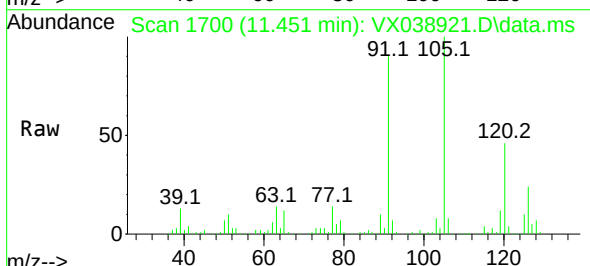
Manual Integrations
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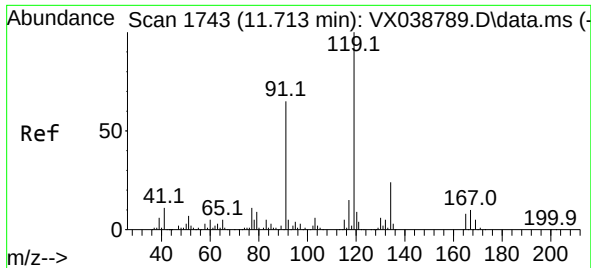
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 17.323 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

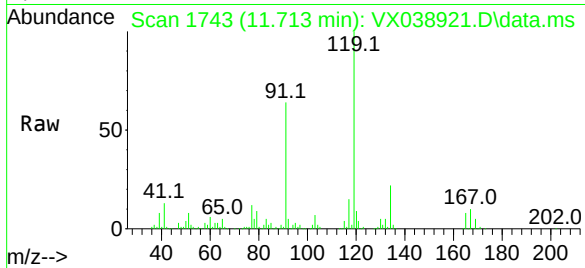
Tgt Ion: 91 Resp: 131352
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 17.656 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

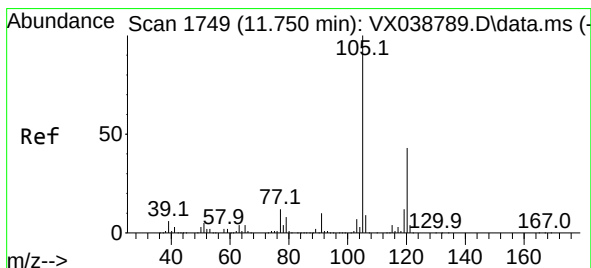
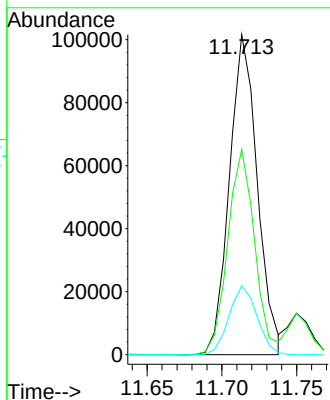
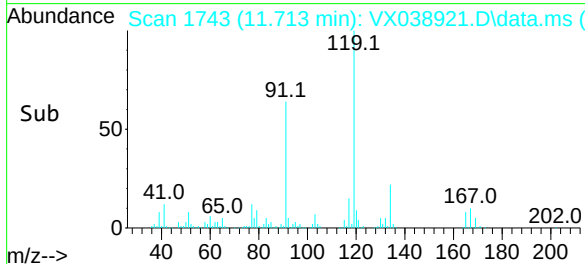
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



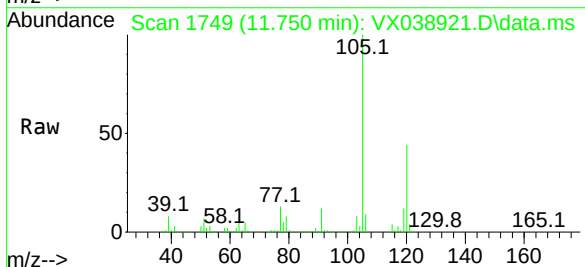
Tgt Ion:119 Resp: 131619
Ion Ratio Lower Upper
119 100
91 61.9 31.2 93.6
134 21.6 11.7 35.0

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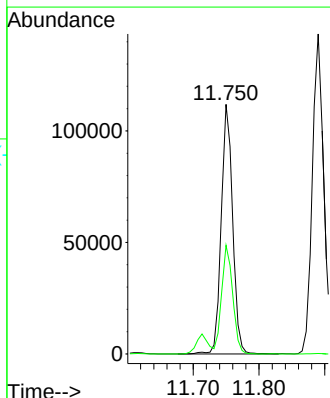
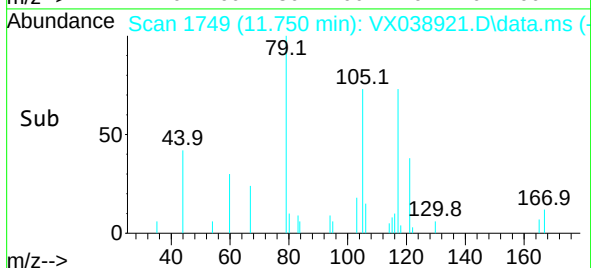
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

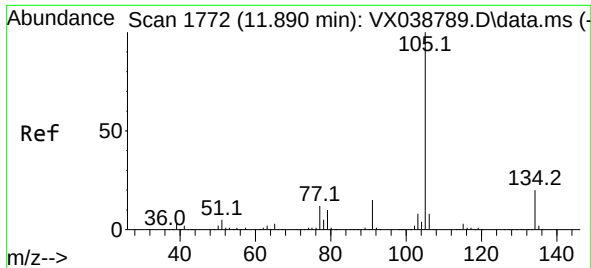


#84
1,2,4-Trimethylbenzene
Concen: 17.630 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



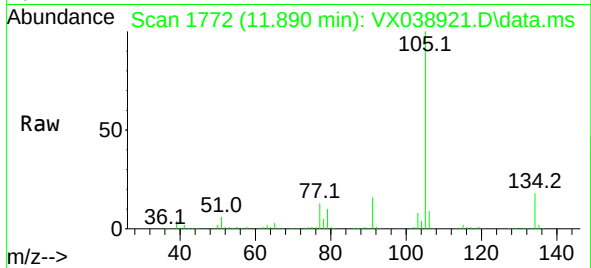
Tgt Ion:105 Resp: 135073
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 17.556 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038921.D
 Acq: 18 Nov 2023 12:21

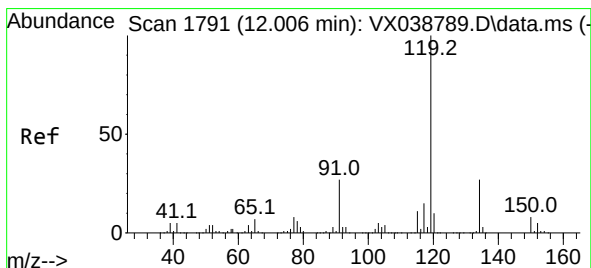
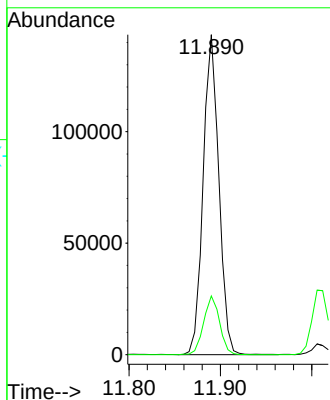
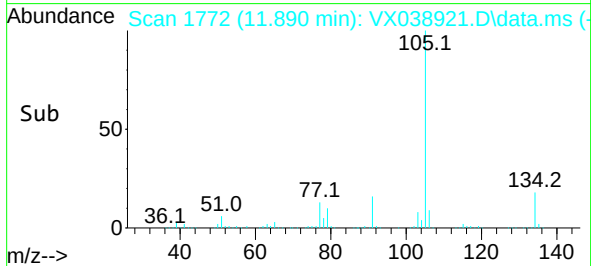
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBS01



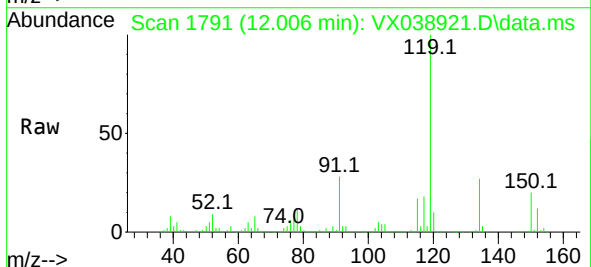
Tgt Ion:105 Resp: 171189
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

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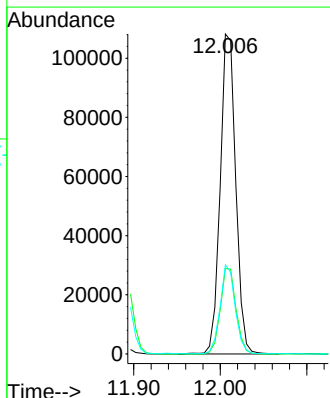
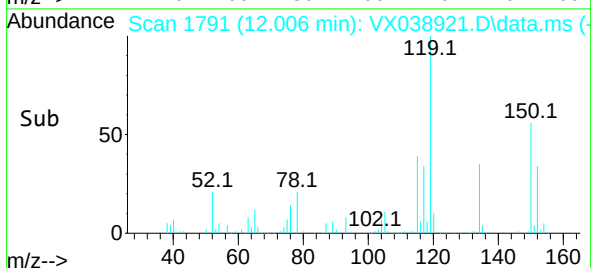
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

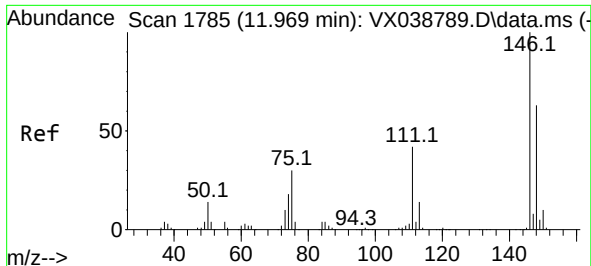


#86
 p-Isopropyltoluene
 Concen: 17.223 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038921.D
 Acq: 18 Nov 2023 12:21



Tgt Ion:119 Resp: 134820
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 26.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 17.532 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

Tgt Ion:146 Resp: 69448

Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.1

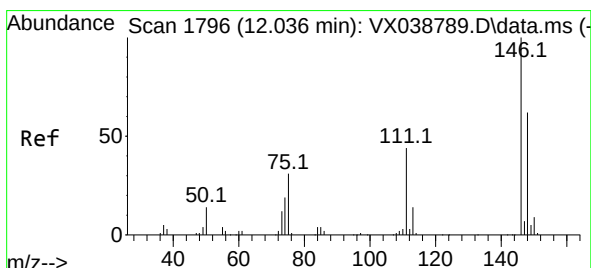
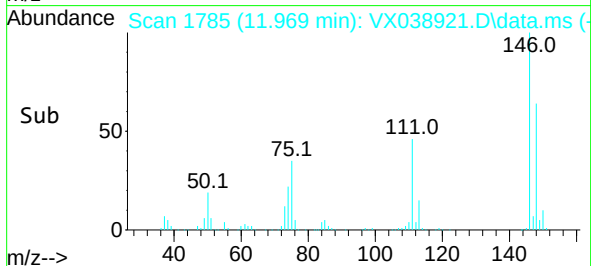
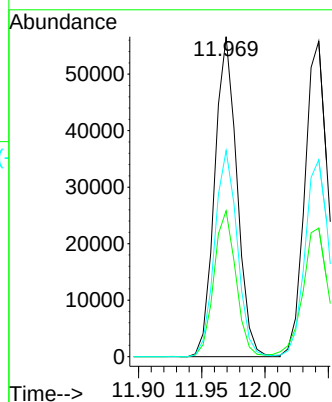
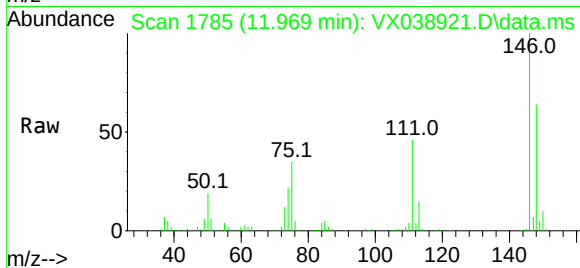
148 65.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 17.568 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

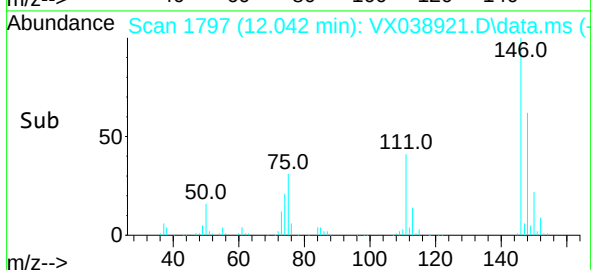
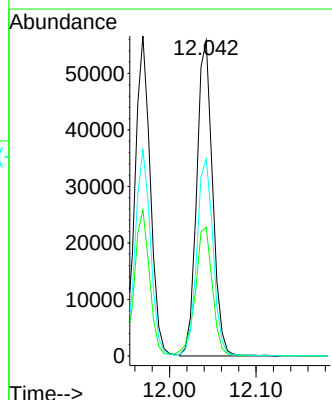
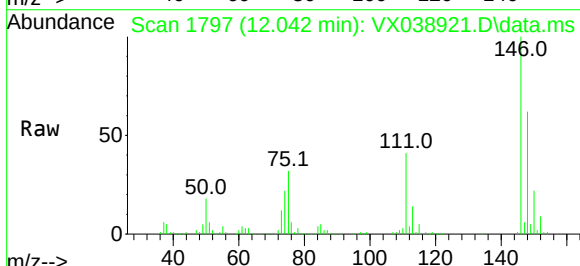
Tgt Ion:146 Resp: 71223

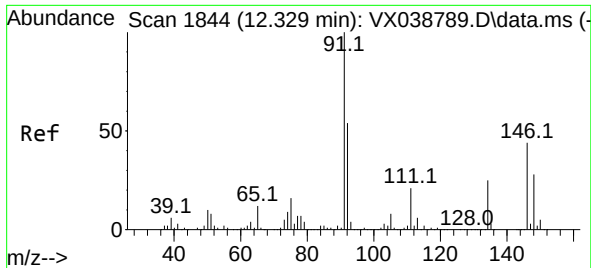
Ion Ratio Lower Upper

146 100

111 43.6 21.3 63.7

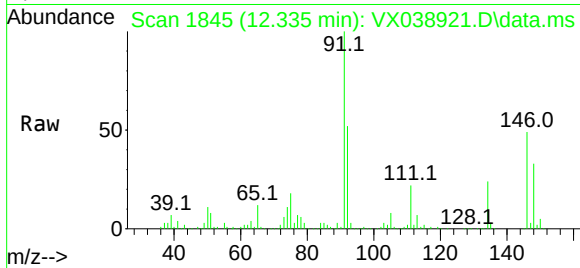
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 16.798 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

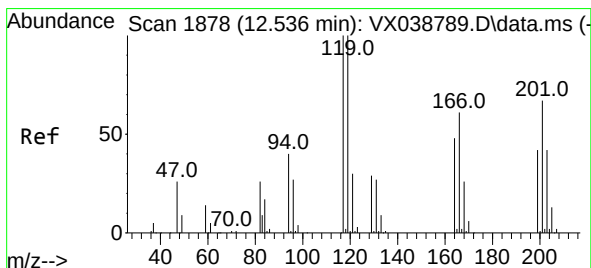
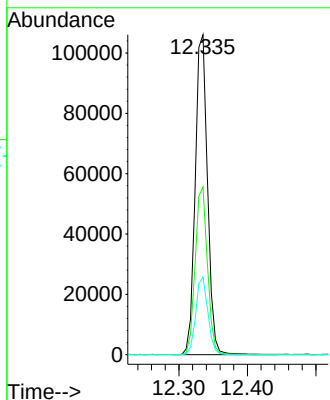
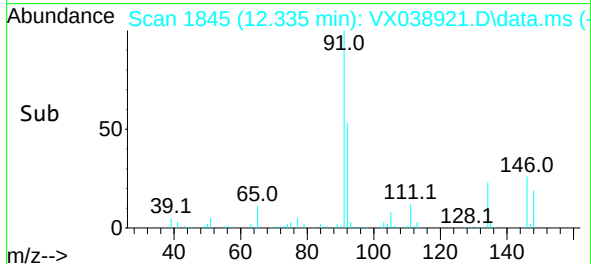
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



Tgt Ion: 91 Resp: 132662
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 23.8 12.6 37.8

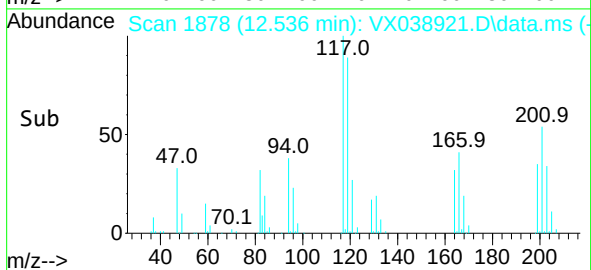
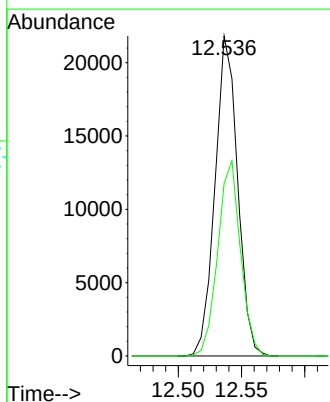
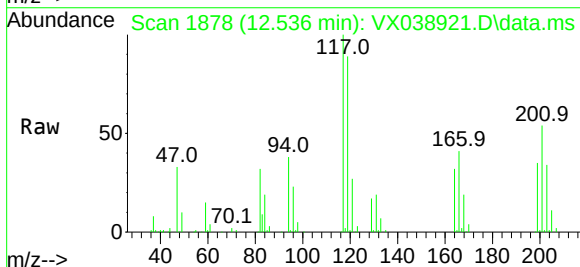
Manual Integrations
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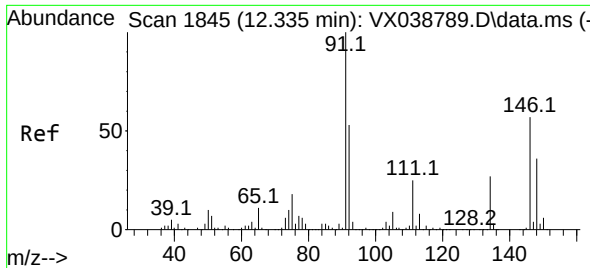
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 17.313 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

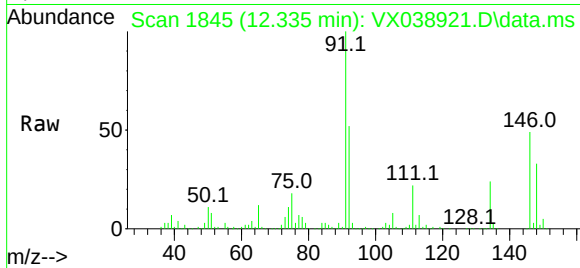
Tgt Ion:117 Resp: 27064
Ion Ratio Lower Upper
117 100
201 61.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 17.952 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21

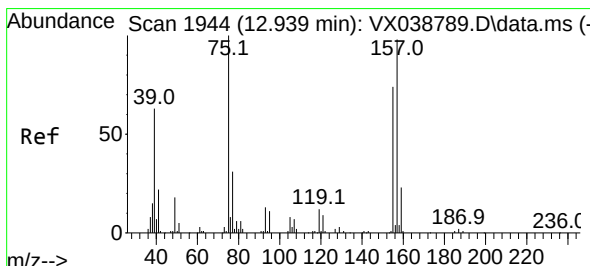
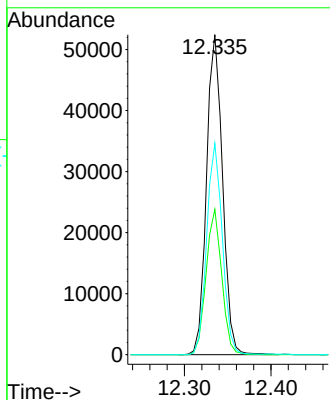
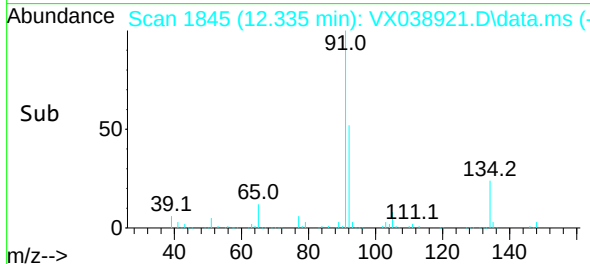
Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01



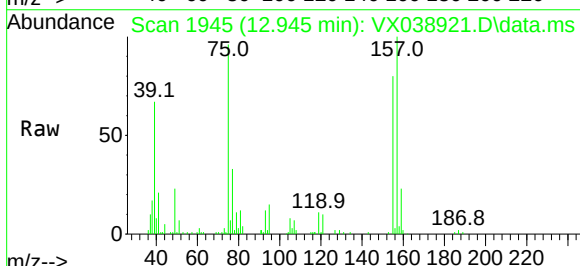
Tgt Ion:146 Resp: 67449
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations
APPROVED

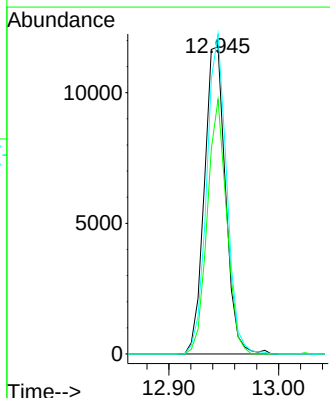
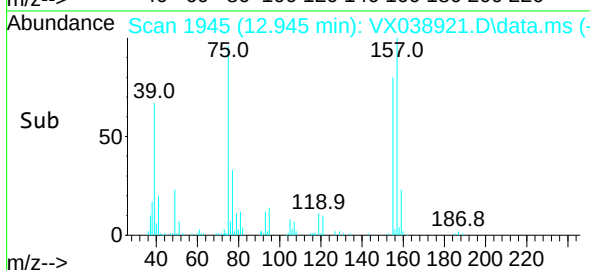
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

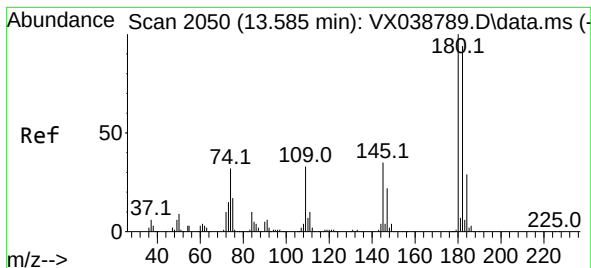


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.325 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038921.D
Acq: 18 Nov 2023 12:21



Tgt Ion: 75 Resp: 15778
Ion Ratio Lower Upper
75 100
155 75.4 36.1 108.5
157 98.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.250 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

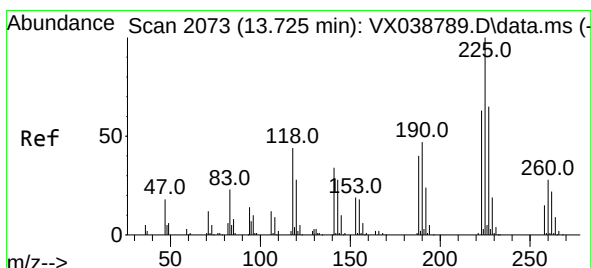
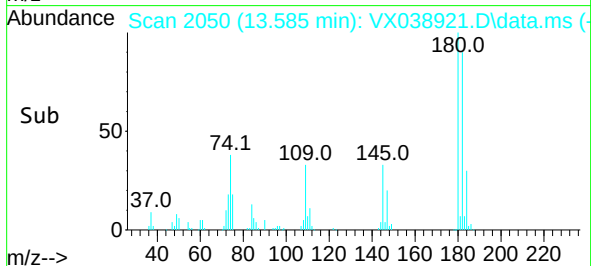
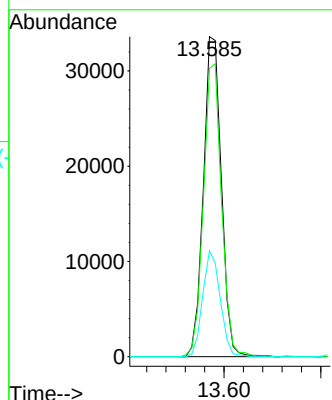
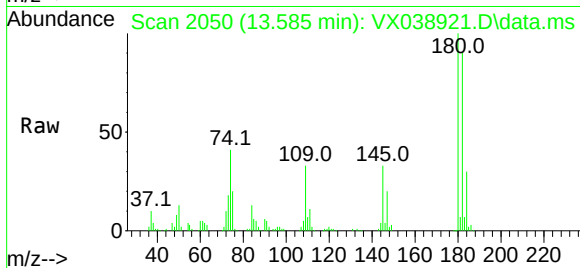
Tgt Ion:180	Resp:	43430
Ion Ratio	Lower	Upper
180	100	
182	92.3	48.3 144.8
145	32.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 16.159 ug/l

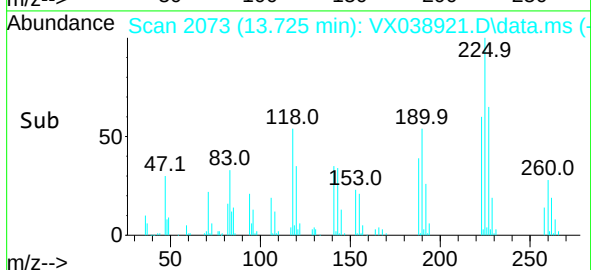
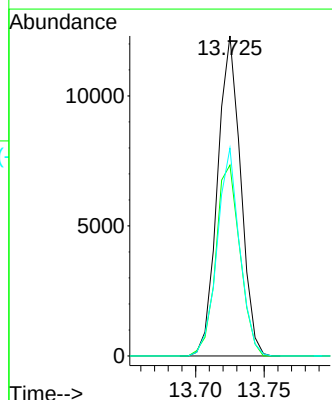
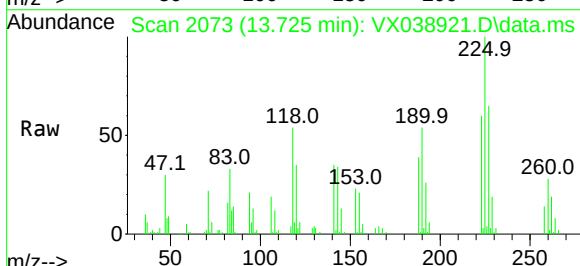
RT: 13.725 min Scan# 2073

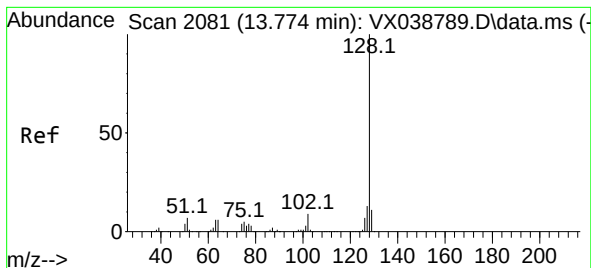
Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion:225	Resp:	14407
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.1 93.2
227	63.1	32.5 97.5





#95

Naphthalene

Concen: 17.274 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX1118WBS01

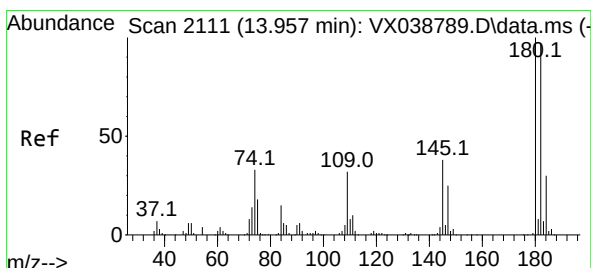
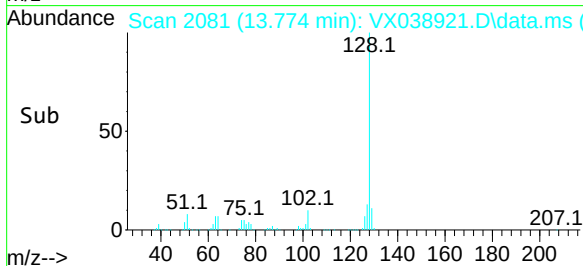
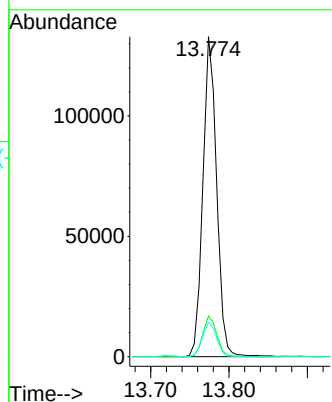
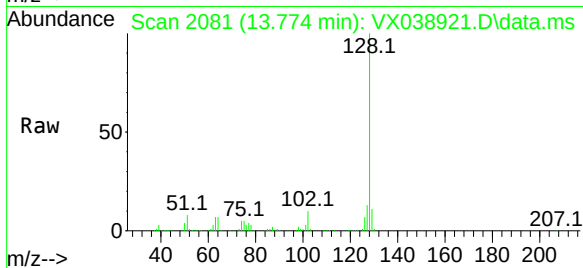
Tgt Ion:	128	Resp:	161974
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.746 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038921.D

Acq: 18 Nov 2023 12:21

Tgt Ion:	180	Resp:	42352
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.6
145	35.5	17.8	53.5

