

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038974.D
 Acq On : 21 Nov 2023 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 03:14:40 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	124921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	210611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97879	48.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.379	113	78142	48.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	294275	47.490	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.980%		
62) 4-Bromofluorobenzene	11.079	95	117961	47.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80026	54.903	ug/l	100
3) Chloromethane	1.294	50	84733	44.538	ug/l	98
4) Vinyl Chloride	1.374	62	89603	48.894	ug/l	99
5) Bromomethane	1.599	94	59217	78.154	ug/l	99
6) Chloroethane	1.685	64	53987	51.622	ug/l	97
7) Trichlorofluoromethane	1.886	101	128628	55.312	ug/l	98
8) Diethyl Ether	2.130	74	52157	51.495	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	77509	50.259	ug/l	97
10) Methyl Iodide	2.453	142	88391	47.091	ug/l	94
11) Tert butyl alcohol	2.953	59	135410	241.867	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	74190	47.650	ug/l	93
13) Acrolein	2.233	56	86528	292.129	ug/l	98
14) Allyl chloride	2.660	41	151739	48.676	ug/l	96
15) Acrylonitrile	3.056	53	284788	240.740	ug/l	99
16) Acetone	2.374	43	313950	292.986	ug/l	90
17) Carbon Disulfide	2.508	76	199401	41.345	ug/l	99
18) Methyl Acetate	2.697	43	252838	49.676	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	286363	52.292	ug/l	99
20) Methylene Chloride	2.782	84	89430	46.298	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	81497	47.438	ug/l	96
22) Diisopropyl ether	3.751	45	295268	51.632	ug/l	94
23) Vinyl Acetate	3.715	43	1058989	257.119	ug/l	99
24) 1,1-Dichloroethane	3.605	63	160686	50.246	ug/l	100
25) 2-Butanone	4.544	43	429111	246.947	ug/l	97
26) 2,2-Dichloropropane	4.471	77	145297	52.378	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	99613	49.744	ug/l	95
28) Bromochloromethane	4.891	49	79571	51.824	ug/l	99
29) Tetrahydrofuran	4.989	42	269745	244.485	ug/l	98
30) Chloroform	5.086	83	166241	53.236	ug/l	99
31) Cyclohexane	5.471	56	138718	48.268	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	143945	53.218	ug/l	98
36) 1,1-Dichloropropene	5.690	75	119459	51.463	ug/l	98
37) Ethyl Acetate	4.702	43	155352	51.369	ug/l	98
38) Carbon Tetrachloride	5.672	117	120594	56.212	ug/l	98
39) Methylcyclohexane	7.379	83	147506	48.717	ug/l	96
40) Benzene	6.031	78	351393	51.182	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	79944	50.968	ug/l	93
42) 1,2-Dichloroethane	6.080	62	128902	56.669	ug/l	98
43) Isopropyl Acetate	6.330	43	254380	52.632	ug/l	99
44) Trichloroethene	7.117	130	89952	53.827	ug/l	95
45) 1,2-Dichloropropane	7.428	63	95878	51.894	ug/l	100
46) Dibromomethane	7.574	93	66702	54.137	ug/l	98
47) Bromodichloromethane	7.818	83	130604	53.408	ug/l	93
48) Methyl methacrylate	7.690	41	117300	50.021	ug/l	94
49) 1,4-Dioxane	7.653	88	44897	989.640	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	810111	262.286	ug/l	100
52) Toluene	8.714	92	220721	51.807	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	152222	52.381	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	157385	52.430	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	93744	52.734	ug/l	93
56) Ethyl methacrylate	9.110	69	158064	52.552	ug/l	97
57) 1,3-Dichloropropane	9.305	76	157362	53.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	364028	259.807	ug/l	96
59) 2-Hexanone	9.427	43	655375	264.729	ug/l	98
60) Dibromochloromethane	9.519	129	100784	55.758	ug/l	99
61) 1,2-Dibromoethane	9.604	107	99357	53.263	ug/l	100
64) Tetrachloroethene	9.269	164	68760	52.524	ug/l	96
65) Chlorobenzene	10.079	112	237909	52.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	86771	53.170	ug/l	97
67) Ethyl Benzene	10.189	91	435485	52.246	ug/l	98
68) m/p-Xylenes	10.299	106	327777	103.956	ug/l	98
69) o-Xylene	10.640	106	161403	51.733	ug/l	97
70) Styrene	10.653	104	274978	52.187	ug/l	98
71) Bromoform	10.799	173	72736	53.464	ug/l #	97
73) Isopropylbenzene	10.963	105	432321	51.395	ug/l	99
74) N-amyl acetate	10.842	43	227347	51.128	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	160499	48.878	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	138044m	51.248	ug/l	
77) Bromobenzene	11.195	156	96567	51.091	ug/l	98
78) n-propylbenzene	11.305	91	526436	50.844	ug/l	98
79) 2-Chlorotoluene	11.360	91	309935	50.439	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	368470	52.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	55438	45.651	ug/l	85
82) 4-Chlorotoluene	11.451	91	363652	51.326	ug/l	100
83) tert-Butylbenzene	11.713	119	359009	51.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	367177	51.291	ug/l	99
85) sec-Butylbenzene	11.890	105	469475	51.526	ug/l	99
86) p-Isopropyltoluene	12.006	119	382828	52.340	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191328	51.693	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	192395	50.788	ug/l	98
89) n-Butylbenzene	12.329	91	378359	51.271	ug/l	97
90) Hexachloroethane	12.536	117	74047	50.695	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	183999	52.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40564	50.421	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	122258	51.970	ug/l	97
94) Hexachlorobutadiene	13.725	225	44490	53.405	ug/l	99
95) Naphthalene	13.774	128	440225	50.245	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	117468	52.675	ug/l	99

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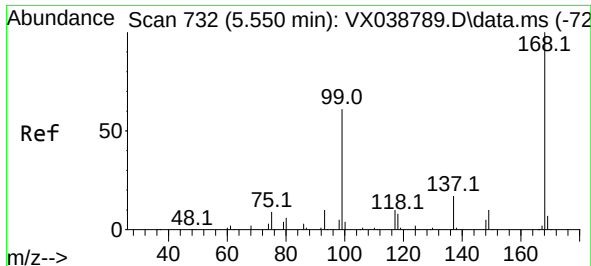
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

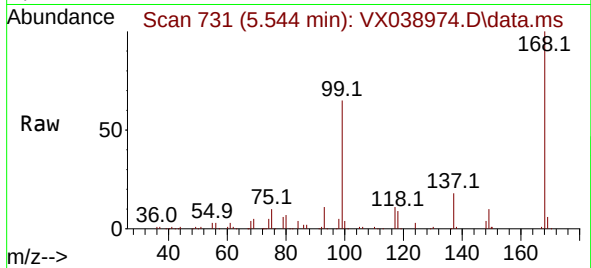
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038974.D
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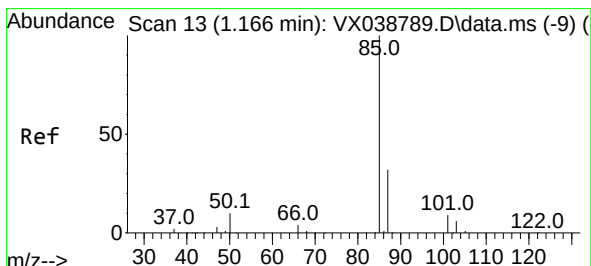
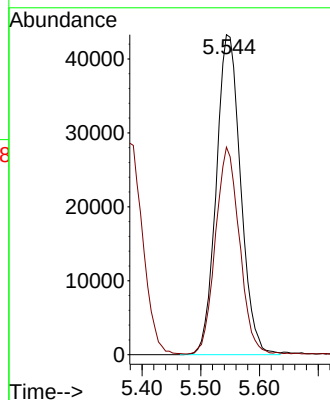
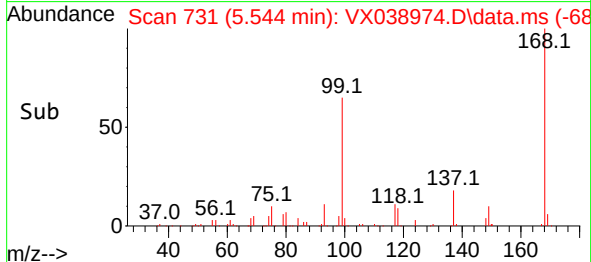
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12492
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0

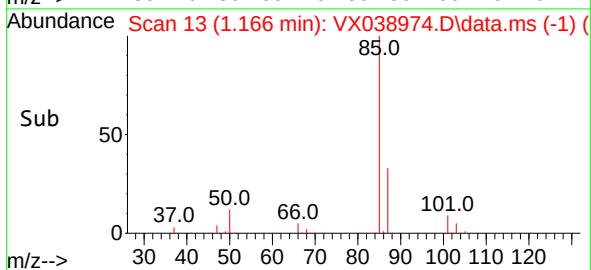
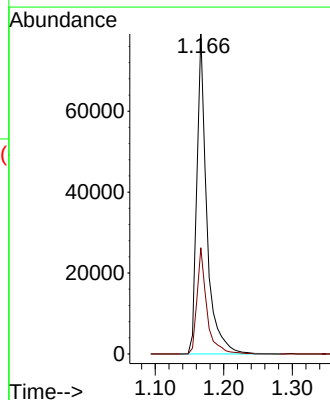
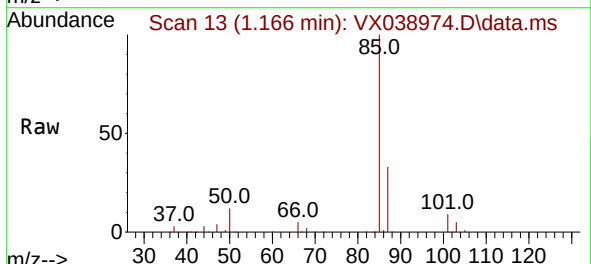
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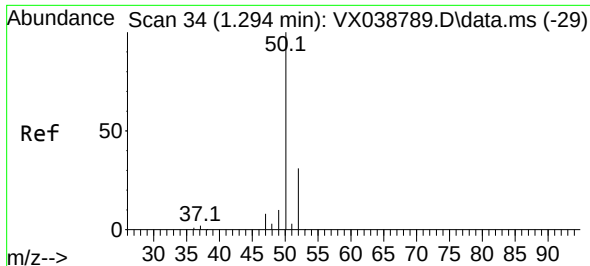
Reviewed By :John Carlone 11/22/2023
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#2
Dichlorodifluoromethane
Concen: 54.903 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 85 Resp: 80026
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1





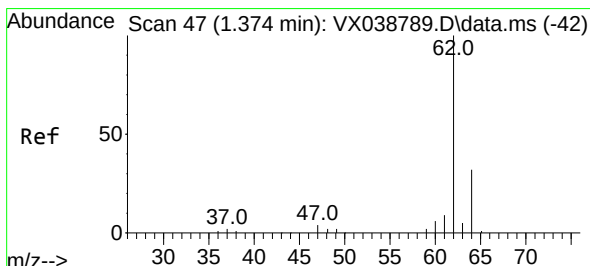
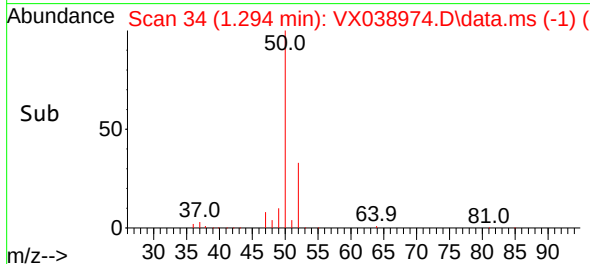
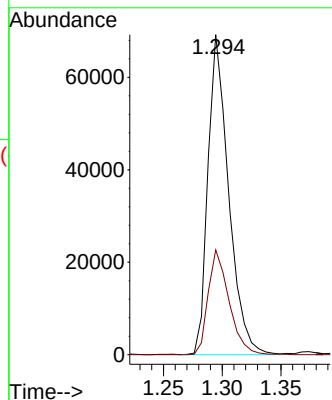
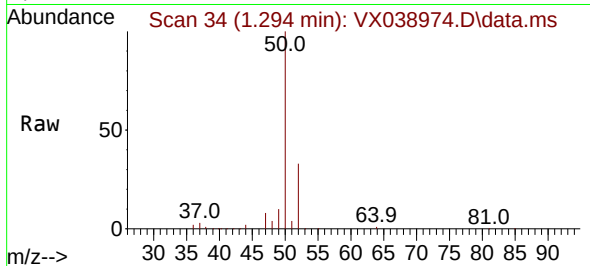
#3
Chloromethane
Concen: 44.538 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 8473
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

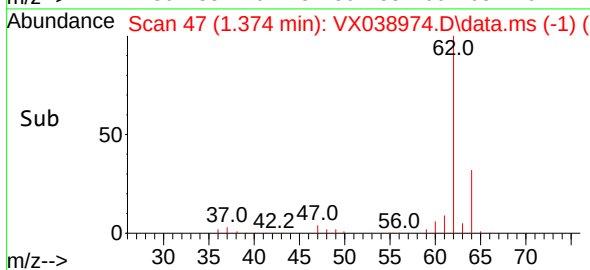
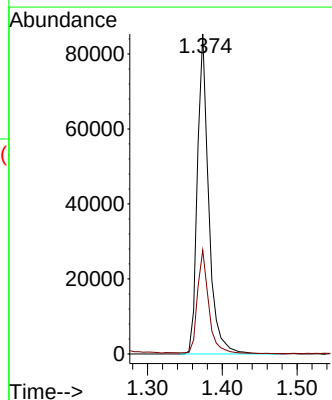
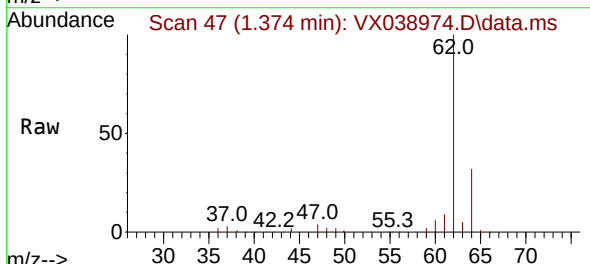
Manual Integrations
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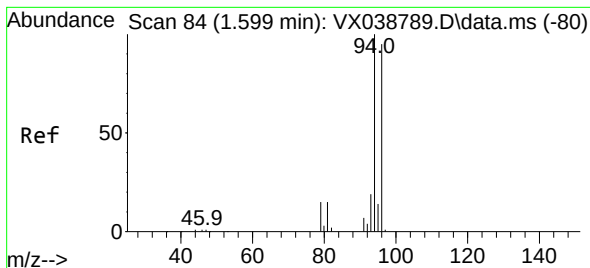
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#4
Vinyl Chloride
Concen: 48.894 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 62 Resp: 89603
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 78.154 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 5921

Ion Ratio Lower Upper

94 100

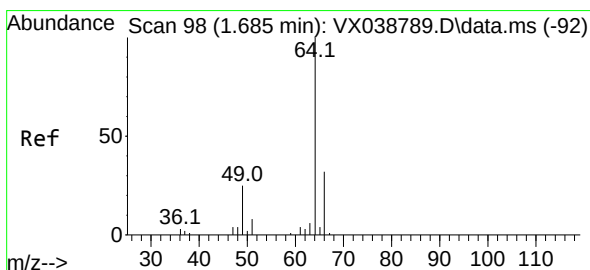
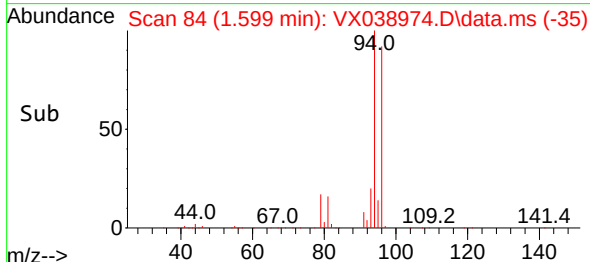
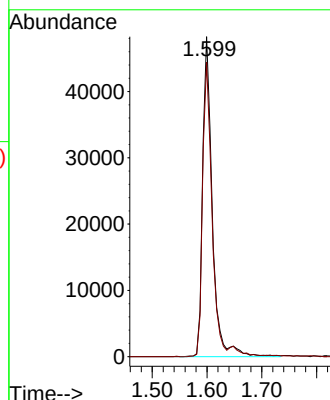
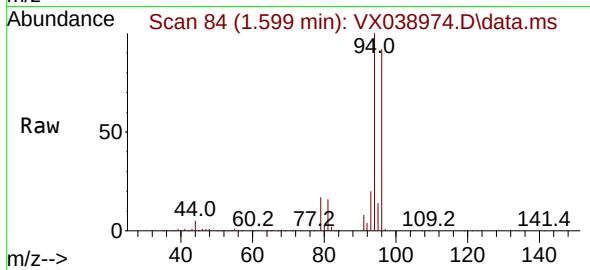
96 92.0 74.6 111.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/22/2023



#6

Chloroethane

Concen: 51.622 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX038974.D

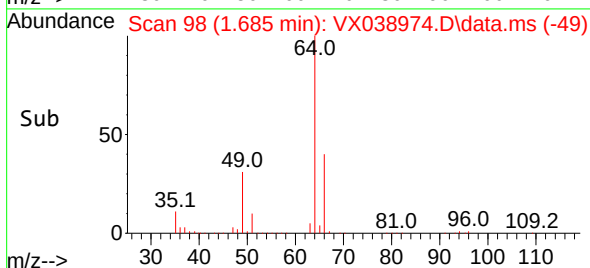
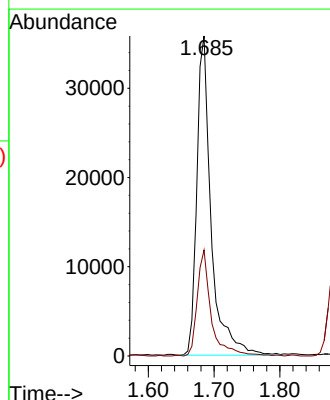
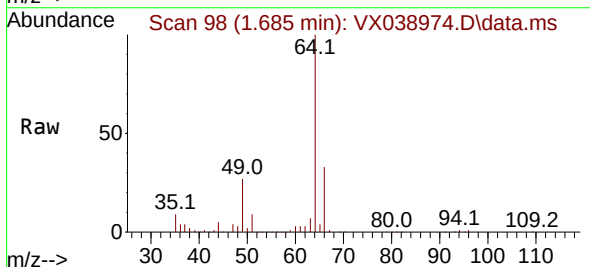
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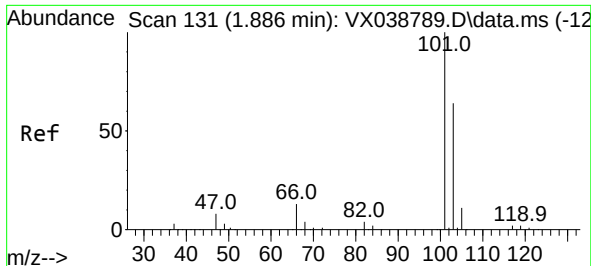
Tgt Ion: 64 Resp: 53987

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7





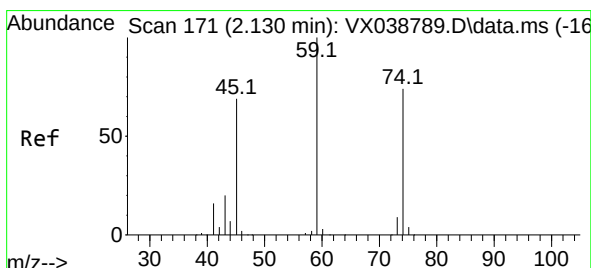
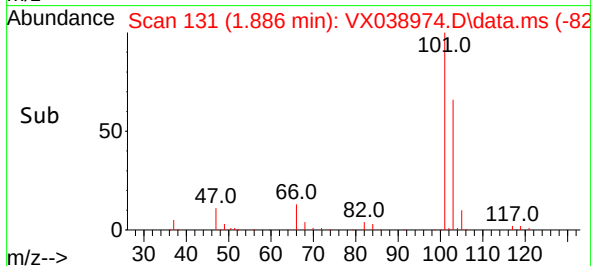
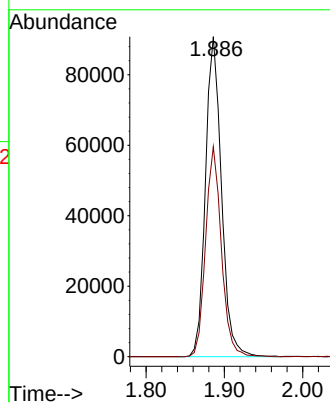
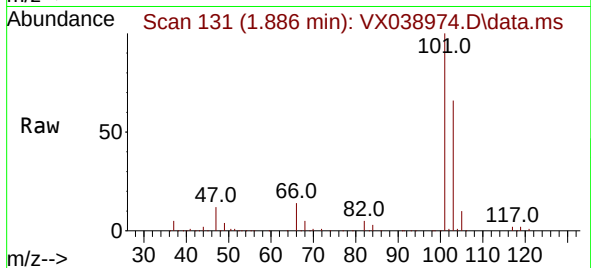
#7
Trichlorofluoromethane
Concen: 55.312 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 128628
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

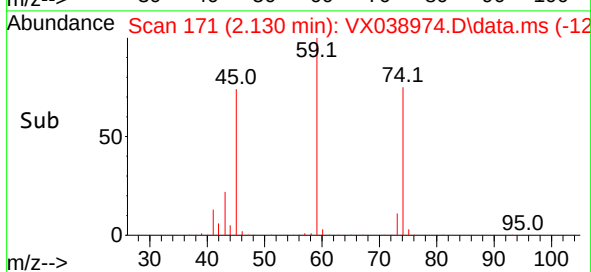
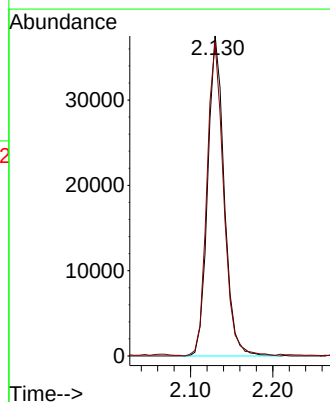
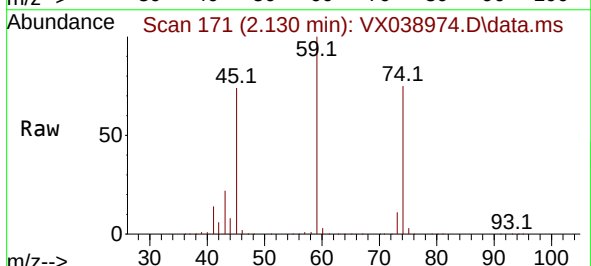
Manual Integrations
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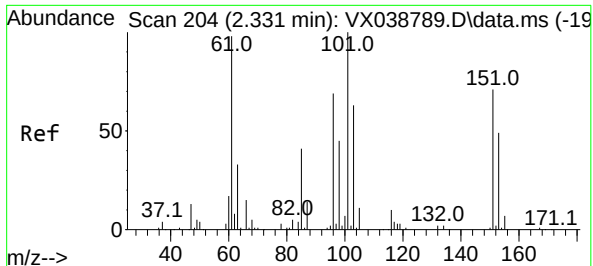
Reviewed By :John Carlone 11/22/2023
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#8
Diethyl Ether
Concen: 51.495 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 74 Resp: 52157
Ion Ratio Lower Upper
74 100
45 99.7 53.3 159.8





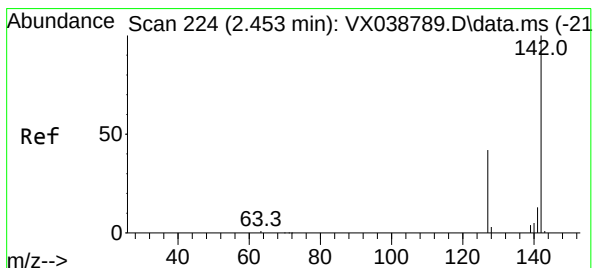
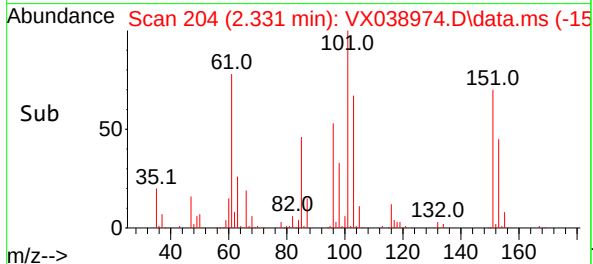
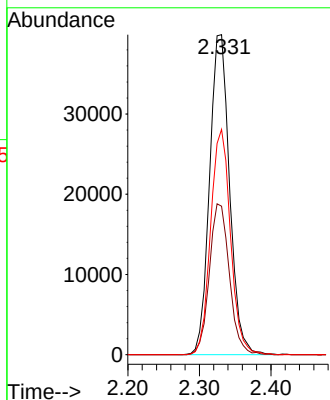
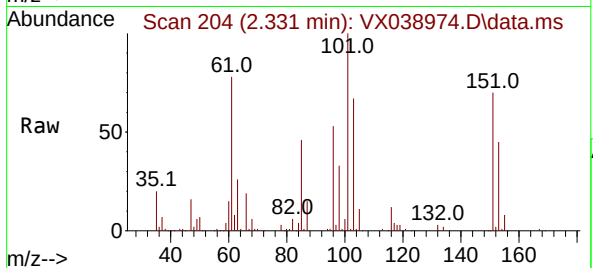
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.259 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 77509
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 70.0 58.6 87.8

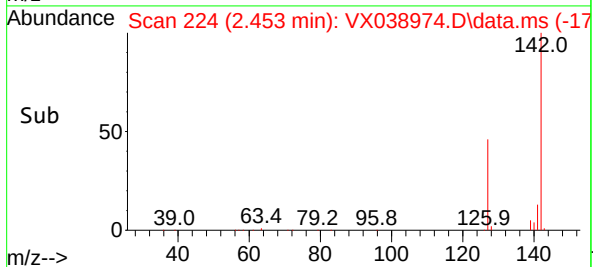
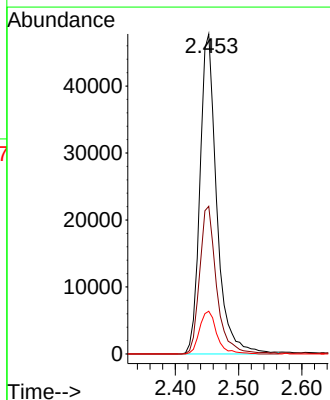
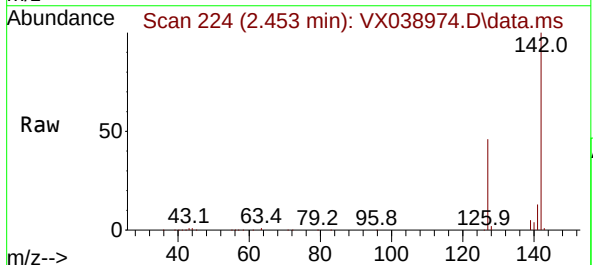
Manual Integrations
APPROVED

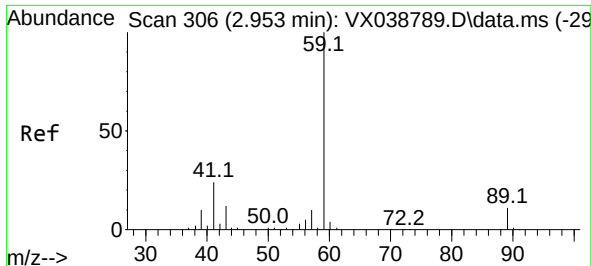
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 47.091 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

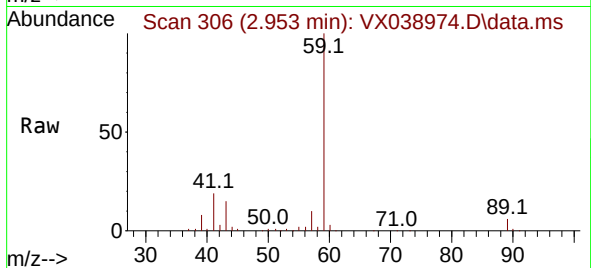
Tgt Ion:142 Resp: 88391
Ion Ratio Lower Upper
142 100
127 46.5 41.6 62.4
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 241.867 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

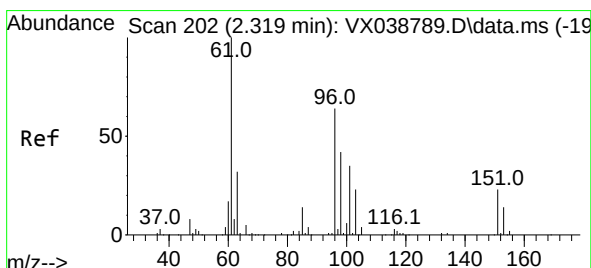
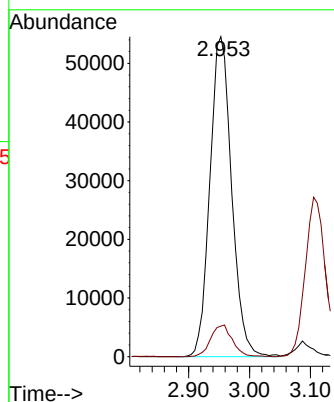
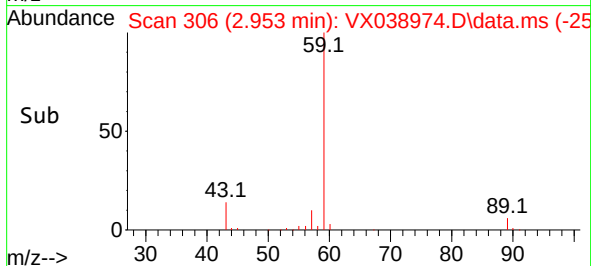
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



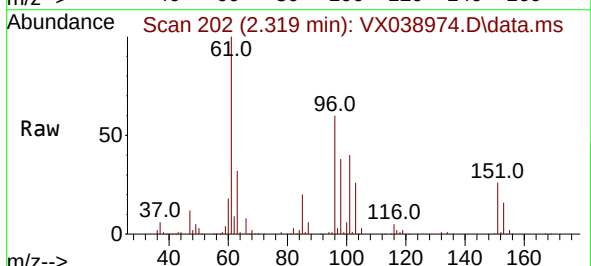
Tgt Ion: 59 Resp: 135410
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

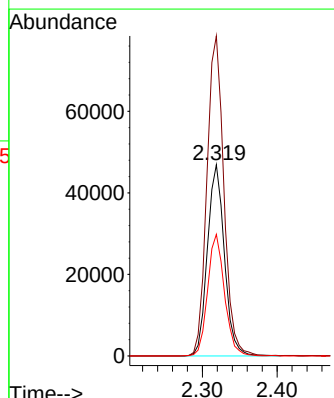
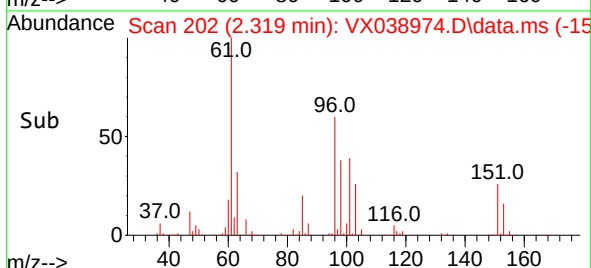
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

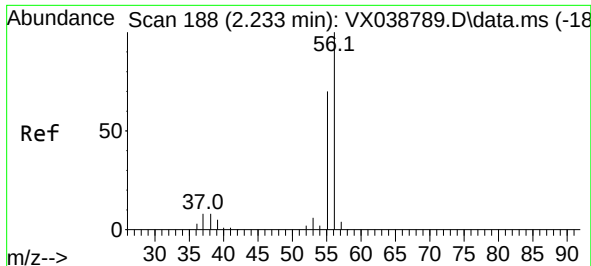


#12
1,1-Dichloroethene
Concen: 47.650 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



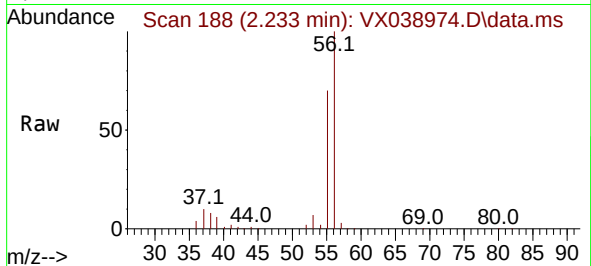
Tgt Ion: 96 Resp: 74190
Ion Ratio Lower Upper
96 100
61 167.3 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 292.129 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

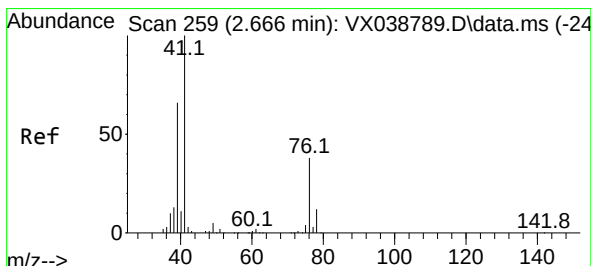
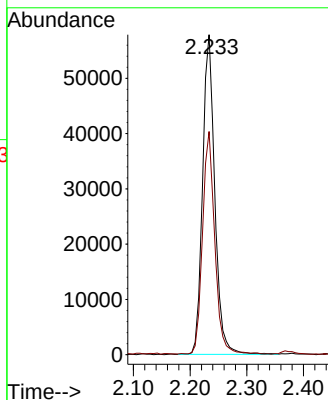
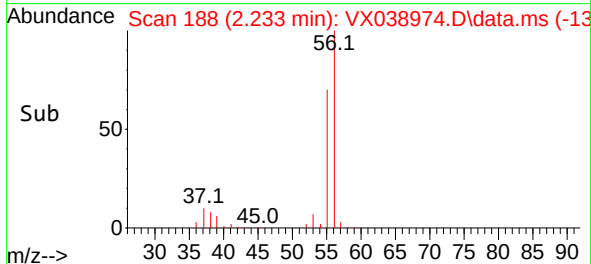
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 86528
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

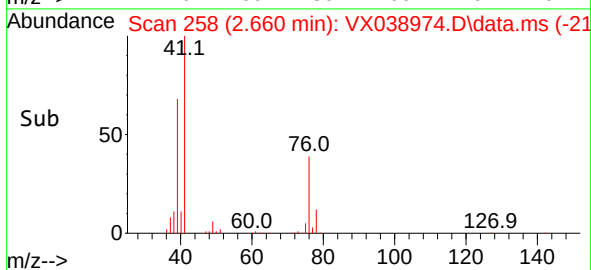
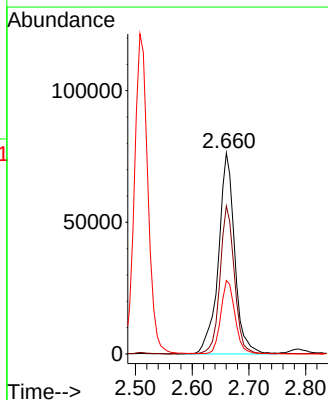
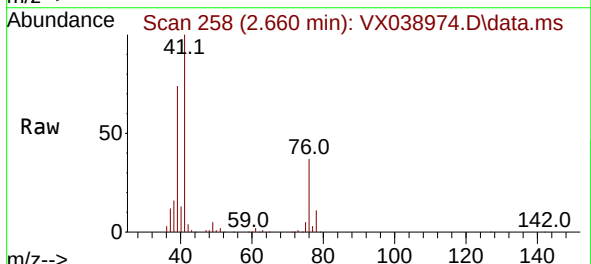
Manual Integrations
APPROVED

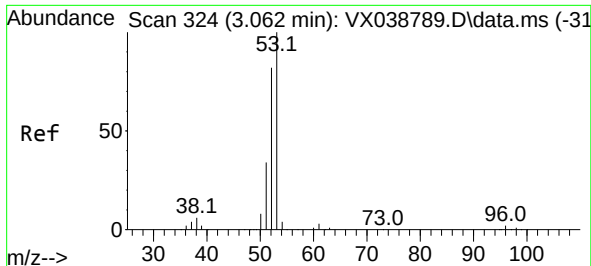
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 48.676 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 41 Resp: 151739
Ion Ratio Lower Upper
41 100
39 65.4 55.8 83.6
76 31.8 24.3 36.5





#15

Acrylonitrile

Concen: 240.740 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 28478

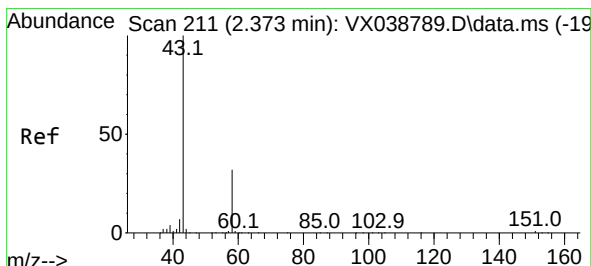
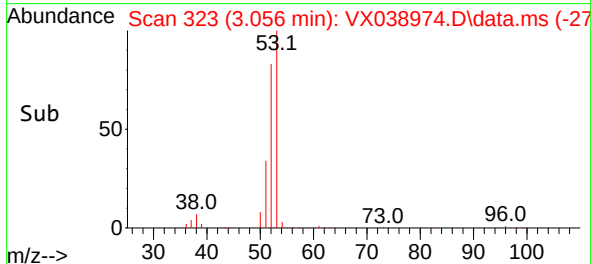
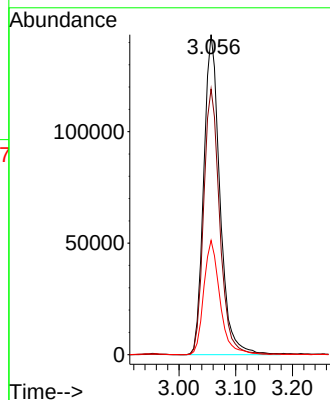
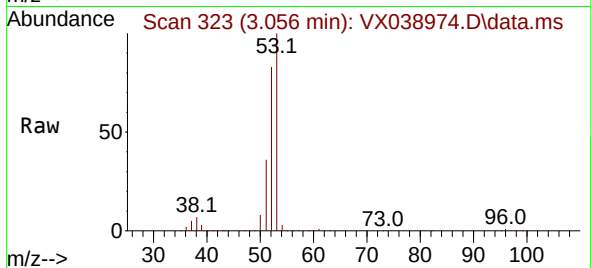
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.0	99.0
51	35.7	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#16

Acetone

Concen: 292.986 ug/l

RT: 2.374 min Scan# 211

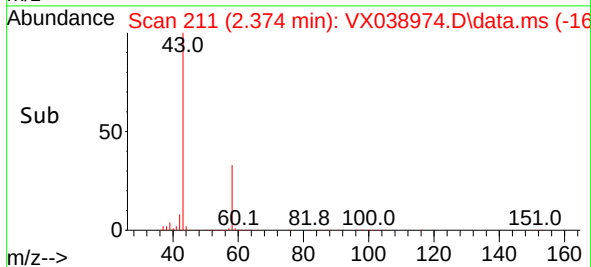
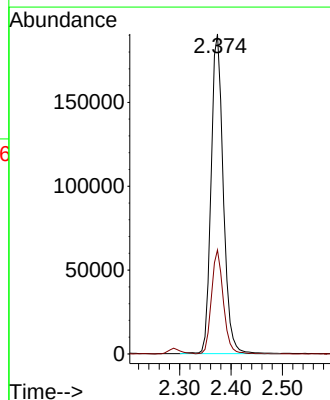
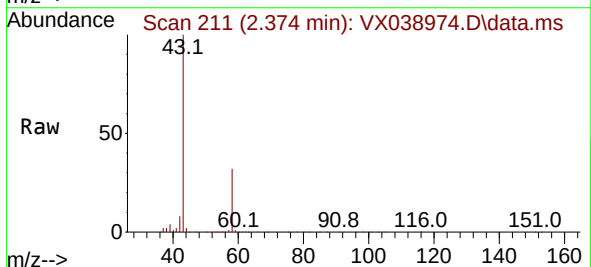
Delta R.T. 0.000 min

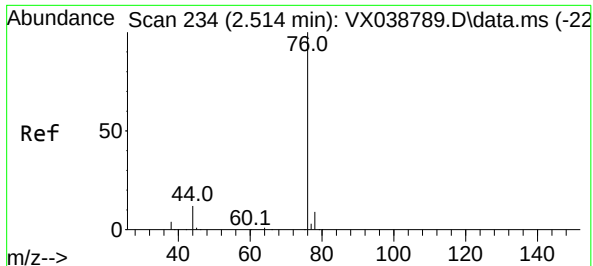
Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Tgt Ion: 43 Resp: 313950

Ion	Ratio	Lower	Upper
43	100		
58	32.5	21.9	32.9





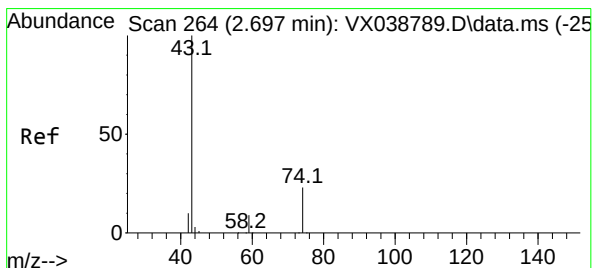
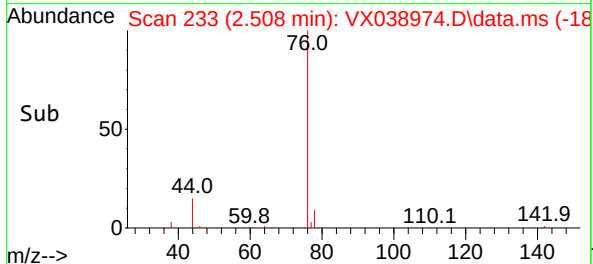
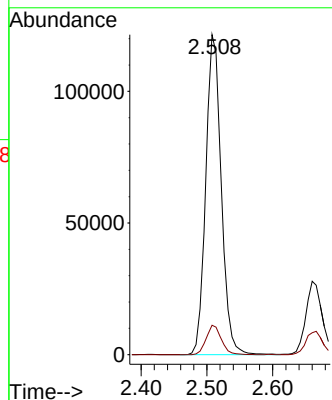
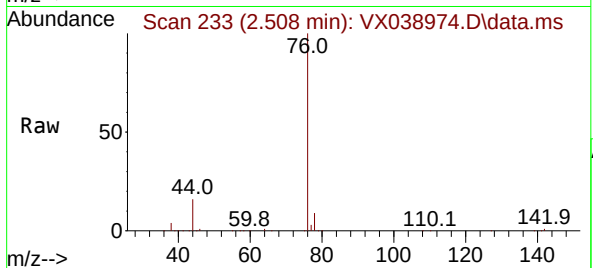
#17
Carbon Disulfide
Concen: 41.345 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 19940
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

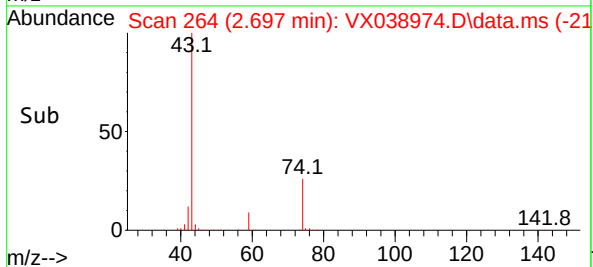
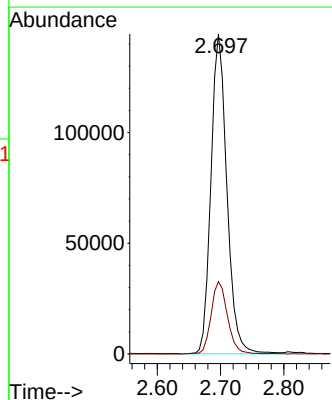
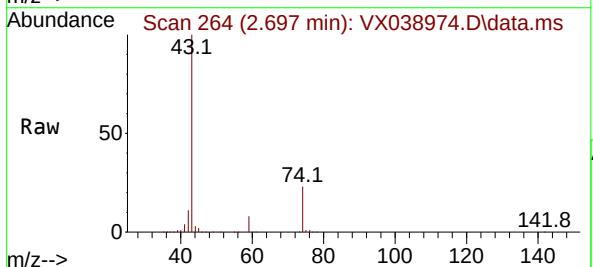
Manual Integrations
APPROVED

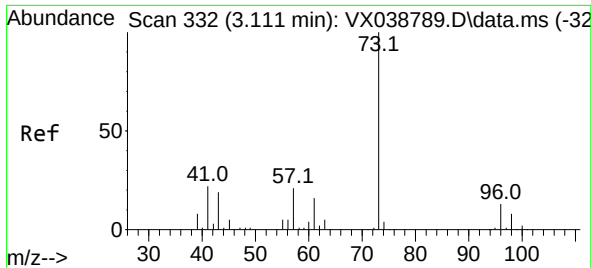
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#18
Methyl Acetate
Concen: 49.676 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 43 Resp: 252838
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





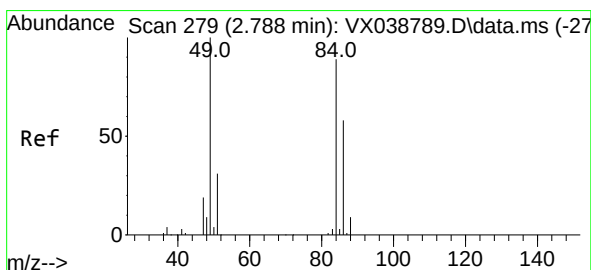
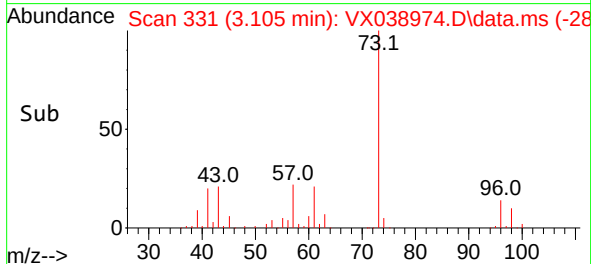
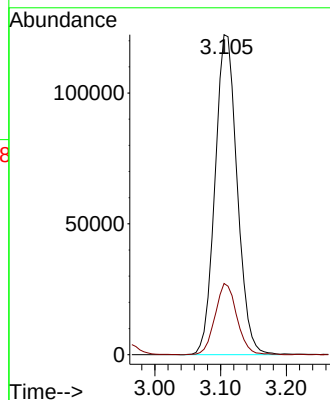
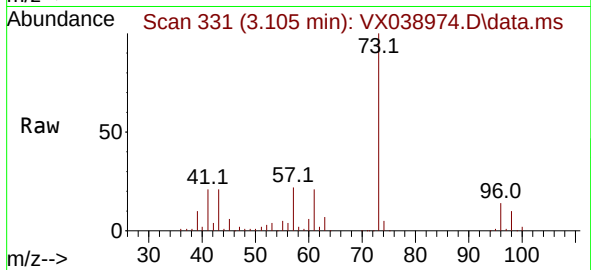
#19
Methyl tert-butyl Ether
Concen: 52.292 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 28636
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

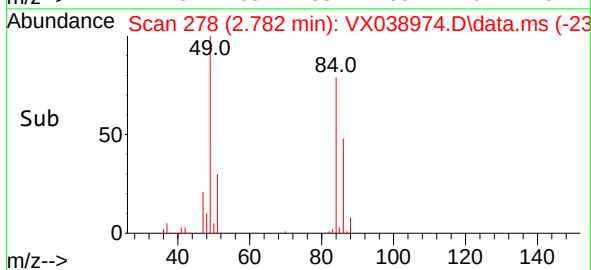
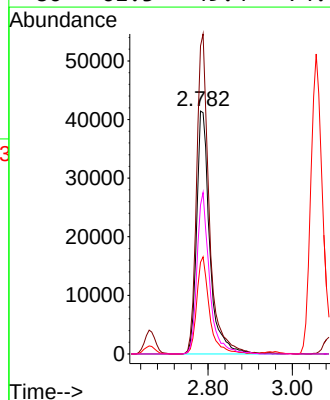
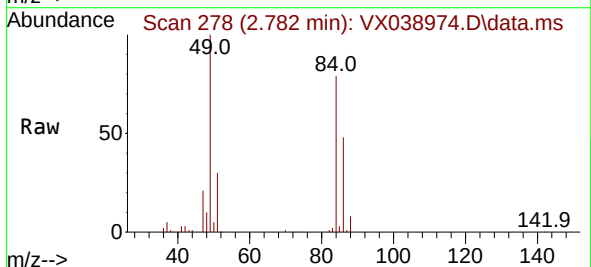
Manual Integrations
APPROVED

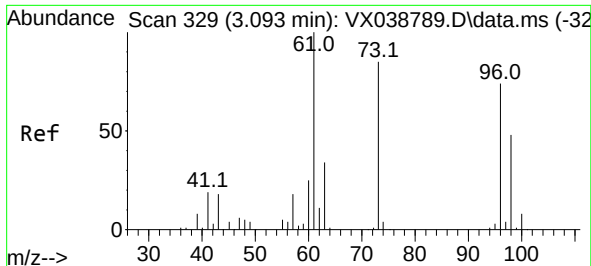
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 46.298 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 84 Resp: 89430
Ion Ratio Lower Upper
84 100
49 126.8 103.6 155.4
51 37.8 33.8 50.6
86 61.3 49.4 74.0





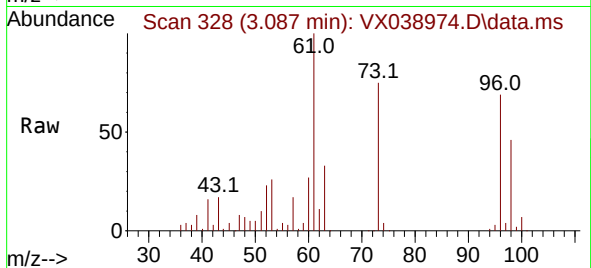
#21
trans-1,2-Dichloroethene
Concen: 47.438 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



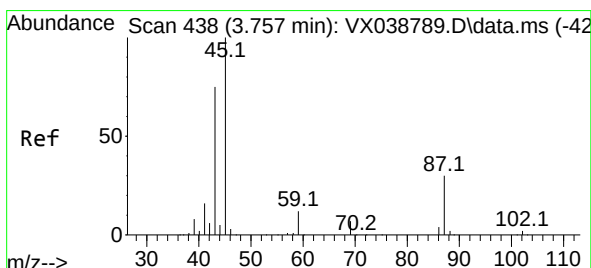
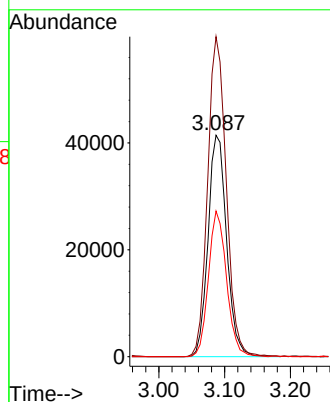
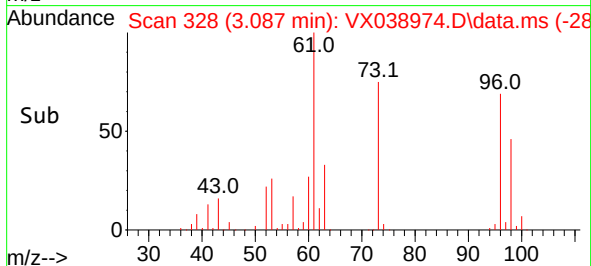
Tgt Ion: 96 Resp: 8149
Ion Ratio Lower Upper
96 100
61 144.5 119.2 178.8
98 65.7 48.7 73.1

Manual Integrations

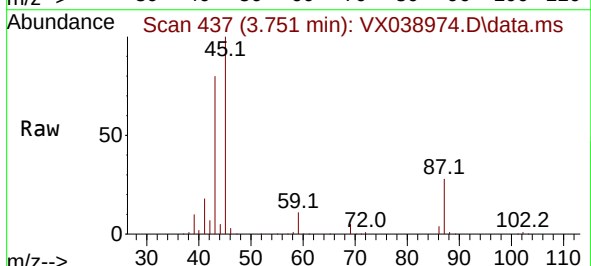
APPROVED

Reviewed By :John Carlone 11/22/2023

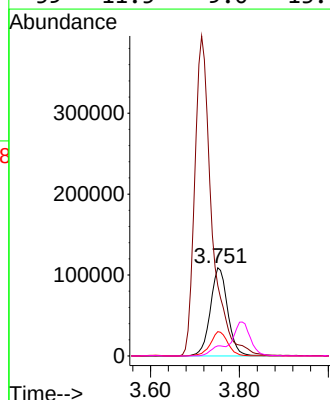
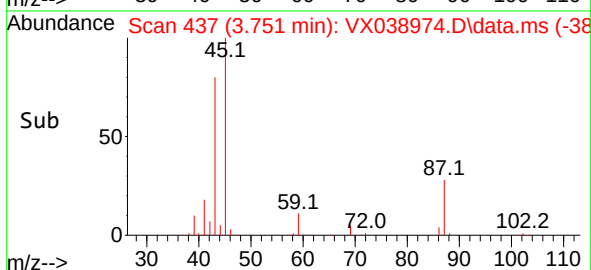
Supervised By :Mahesh Dadoda 11/22/2023

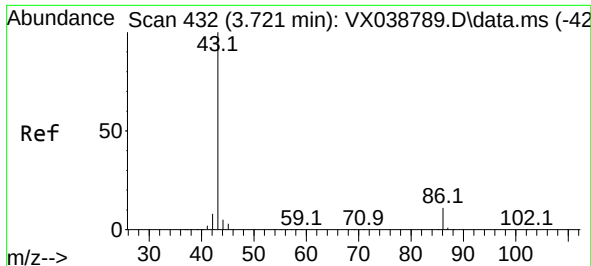


#22
Diisopropyl ether
Concen: 51.632 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



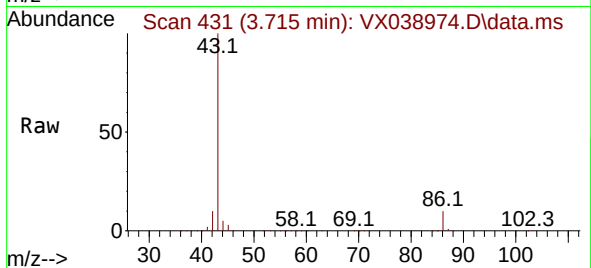
Tgt Ion: 45 Resp: 295268
Ion Ratio Lower Upper
45 100
43 79.6 69.7 104.5
87 27.6 20.8 31.2
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 257.119 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038974.D
 Acq: 21 Nov 2023 11:07

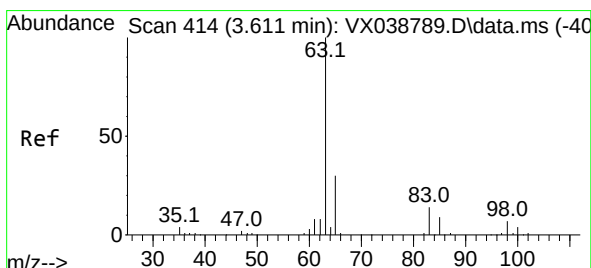
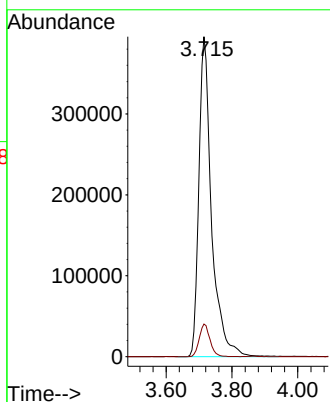
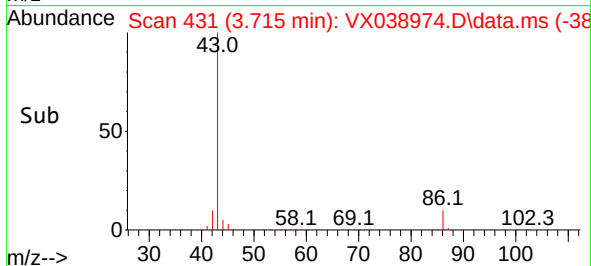
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



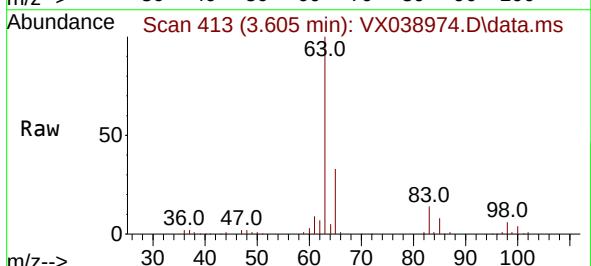
Tgt Ion: 43 Resp: 1058989
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

Manual Integrations
 APPROVED

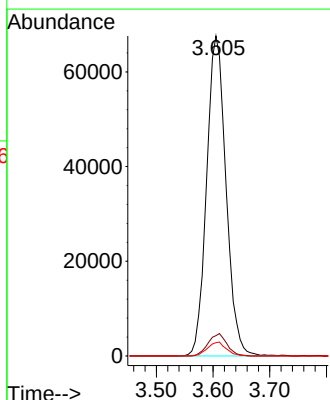
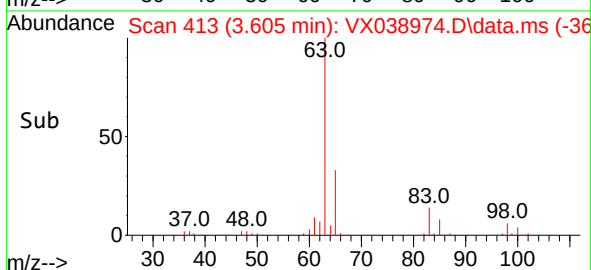
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

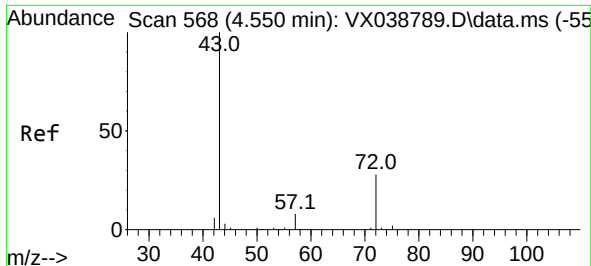


#24
 1,1-Dichloroethane
 Concen: 50.246 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038974.D
 Acq: 21 Nov 2023 11:07



Tgt Ion: 63 Resp: 160686
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.1 2.1 6.5





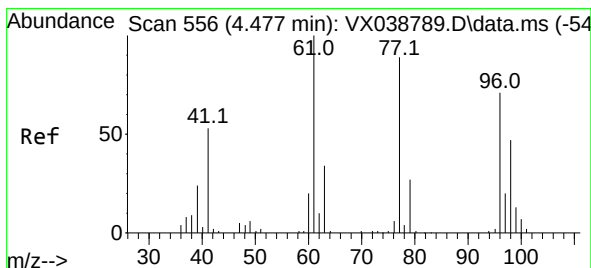
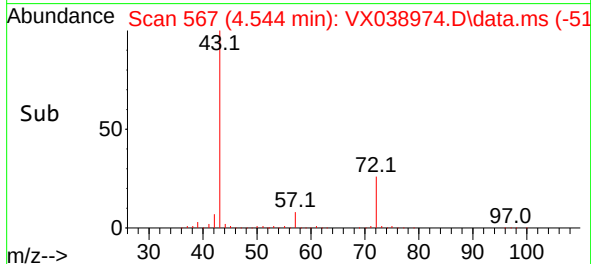
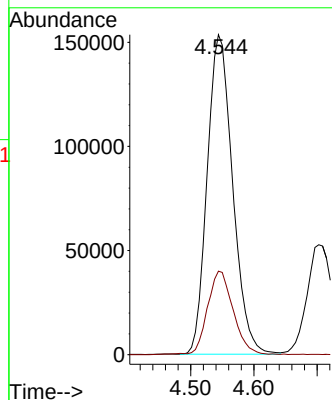
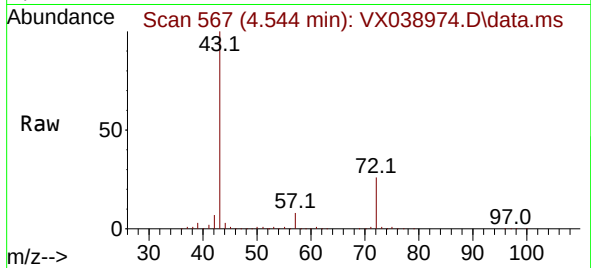
#25
2-Butanone
Concen: 246.947 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 42911
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2

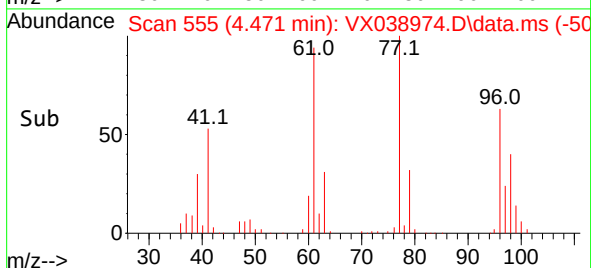
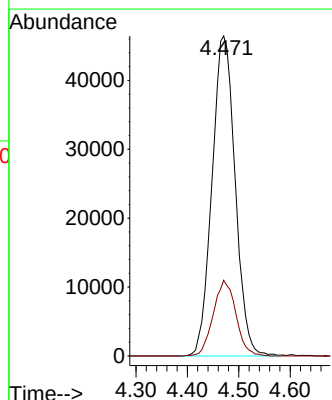
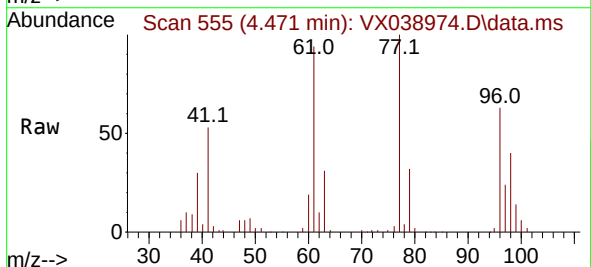
Manual Integrations
APPROVED

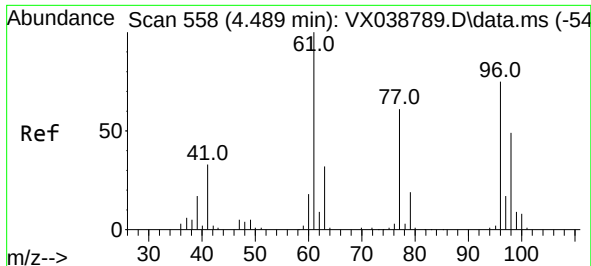
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#26
2,2-Dichloropropane
Concen: 52.378 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

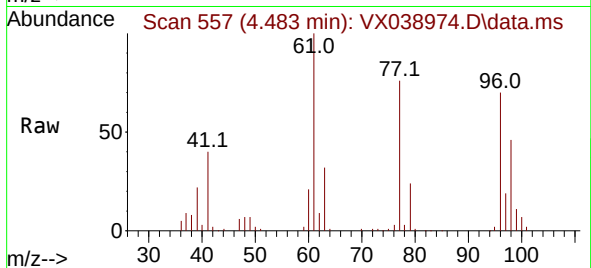
Tgt Ion: 77 Resp: 145297
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.744 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX038974.D
 Acq: 21 Nov 2023 11:07

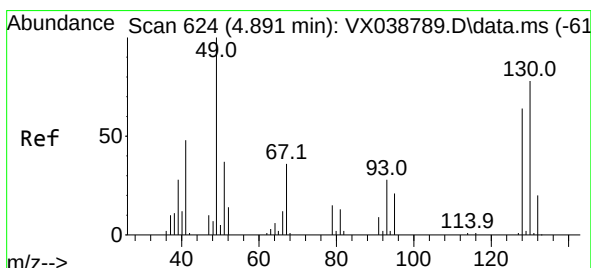
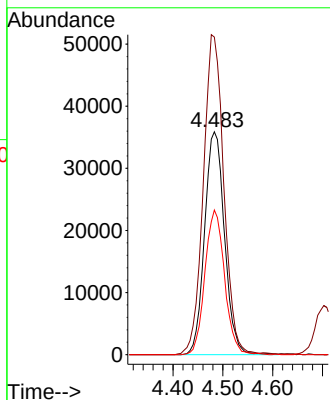
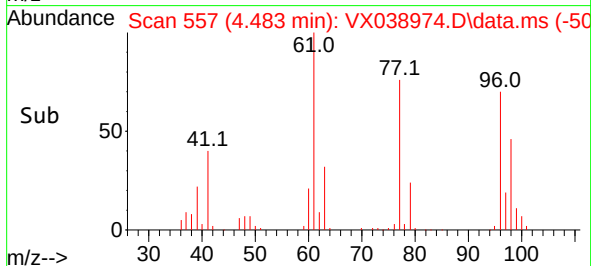
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9961
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 312.2
 98 64.0 0.0 129.0

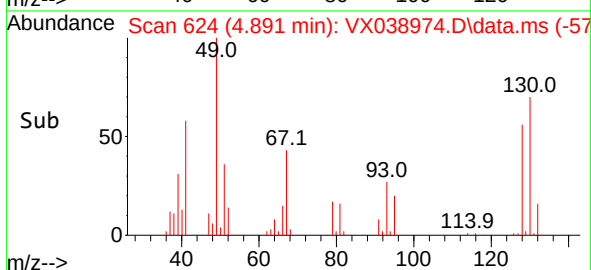
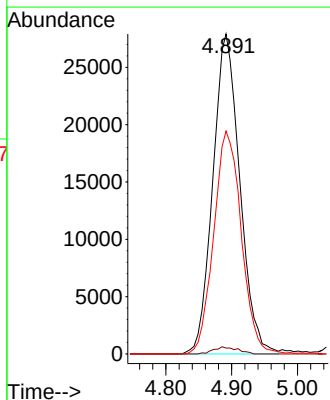
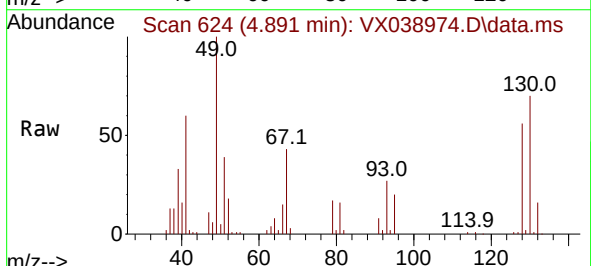
Manual Integrations
 APPROVED

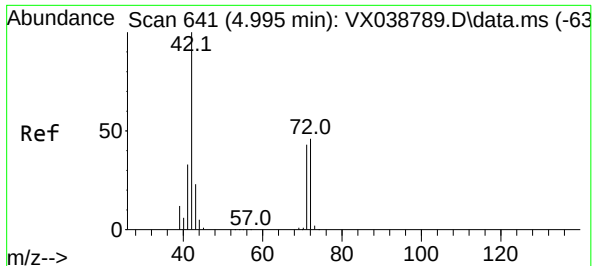
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#28
 Bromochloromethane
 Concen: 51.824 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX038974.D
 Acq: 21 Nov 2023 11:07

Tgt Ion: 49 Resp: 79571
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 71.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 244.485 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 26974

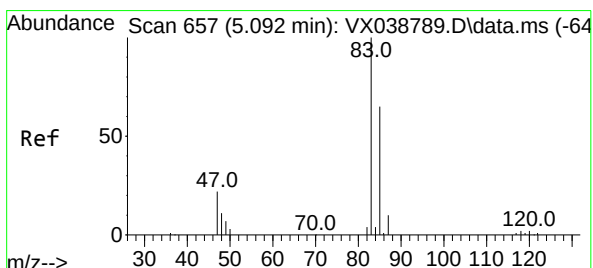
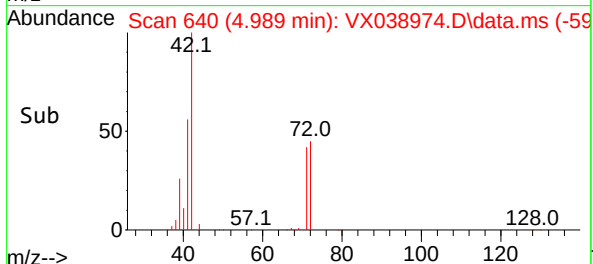
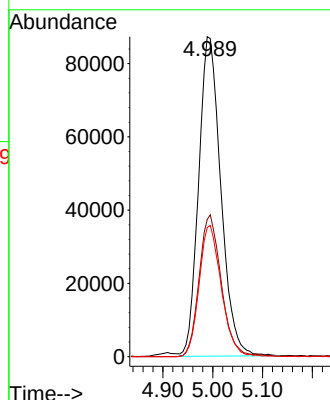
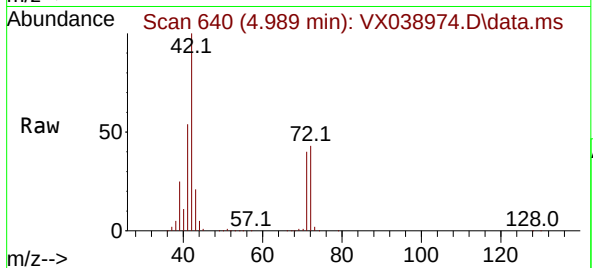
Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.2	51.4
71	41.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#30

Chloroform

Concen: 53.236 ug/l

RT: 5.086 min Scan# 656

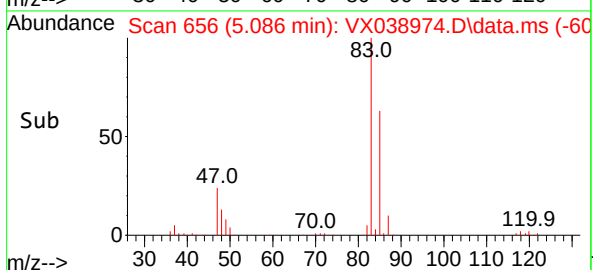
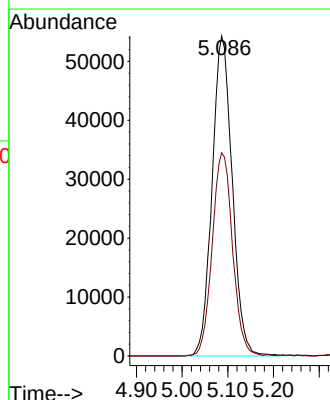
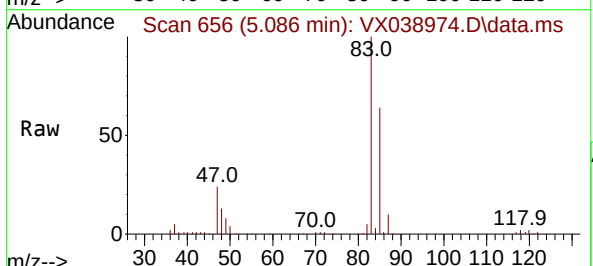
Delta R.T. -0.006 min

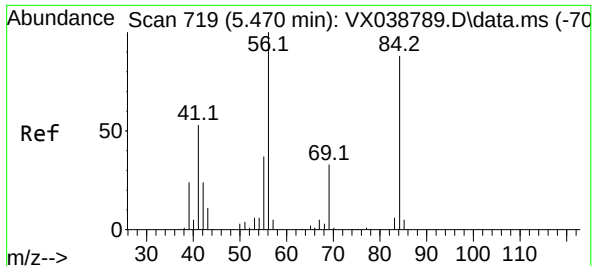
Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Tgt Ion: 83 Resp: 166241

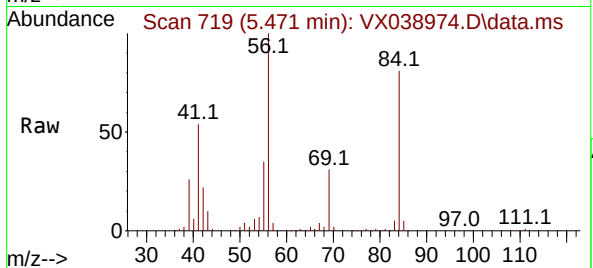
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.3	75.5





#31
Cyclohexane
Concen: 48.268 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

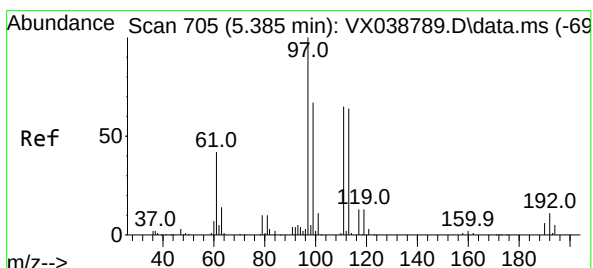
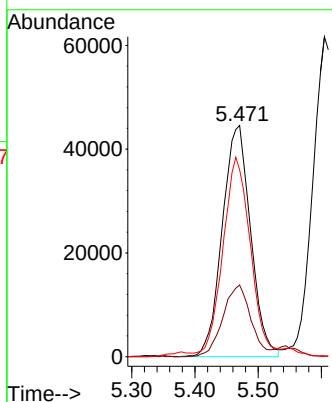
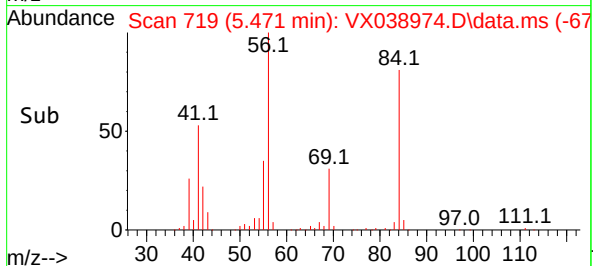
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 138718
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 79.0 65.9 98.9

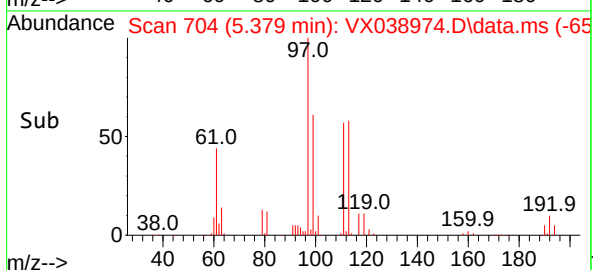
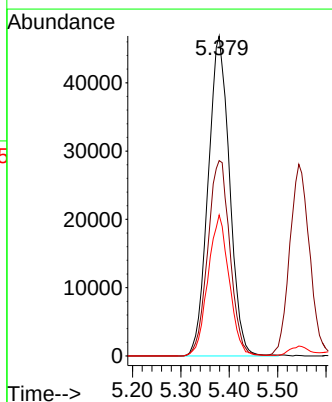
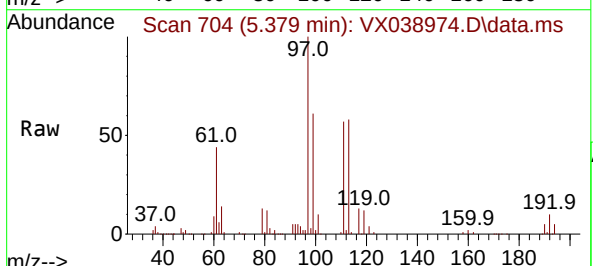
Manual Integrations
APPROVED

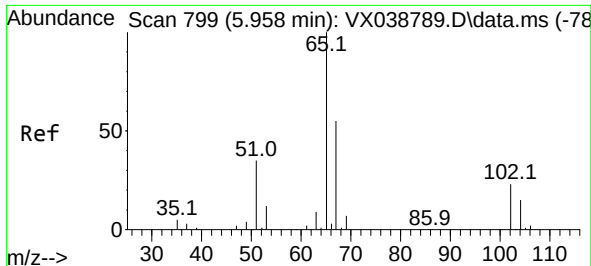
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#32
1,1,1-Trichloroethane
Concen: 53.218 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 97 Resp: 143945
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 43.8 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 48.626 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

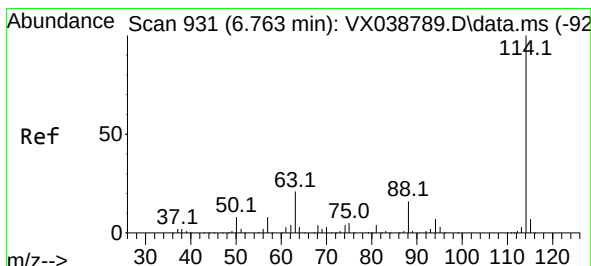
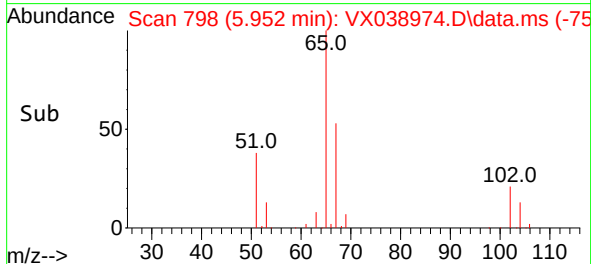
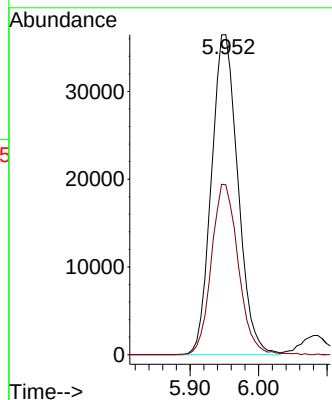
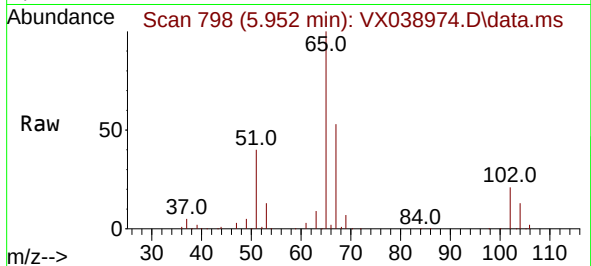
VSTDCCC050

Tgt Ion: 65 Resp: 97879
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2

Manual Integrations

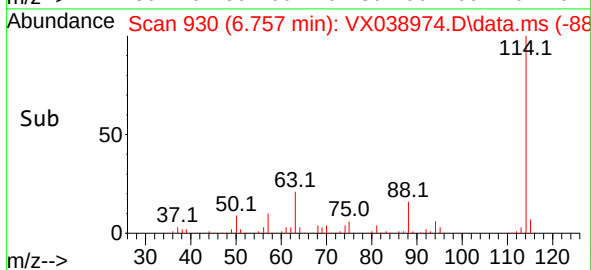
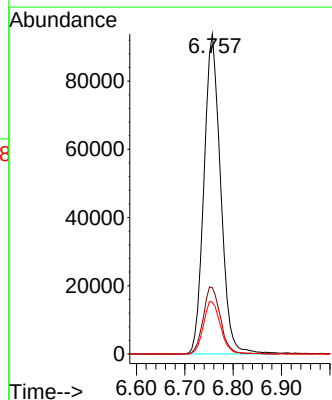
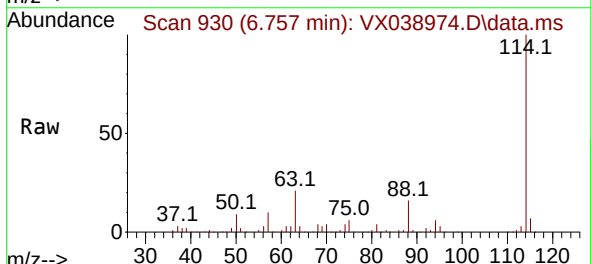
APPROVED

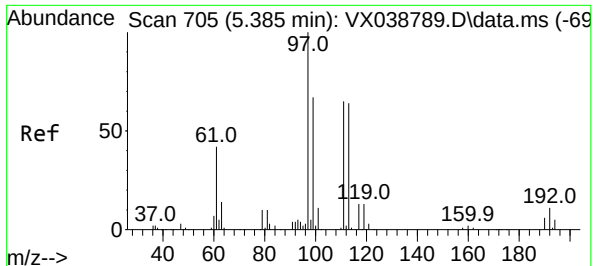
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

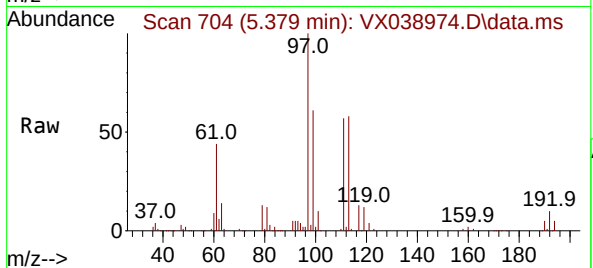
Tgt Ion:114 Resp: 224250
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.248 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

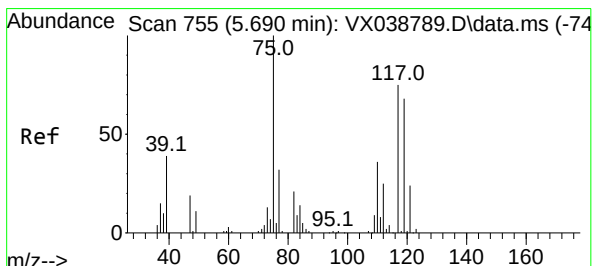
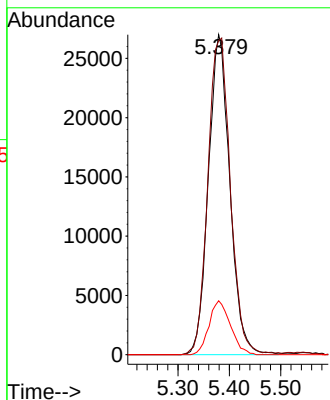
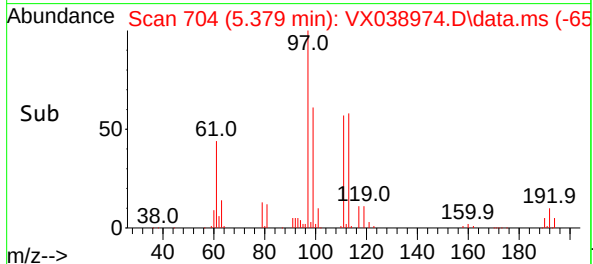
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 7814
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 16.8 13.3 19.9

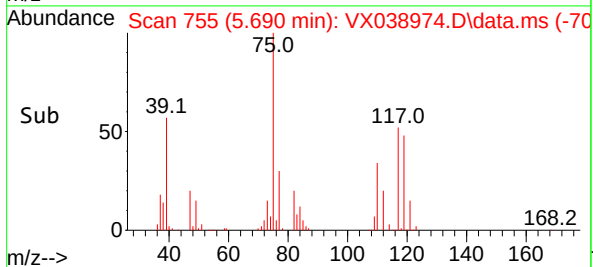
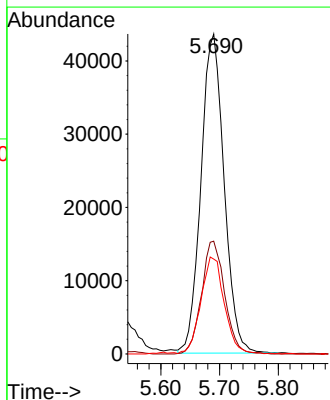
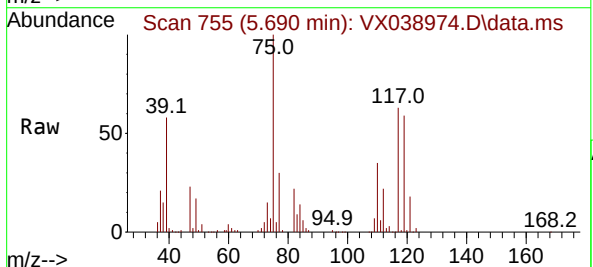
Manual Integrations
APPROVED

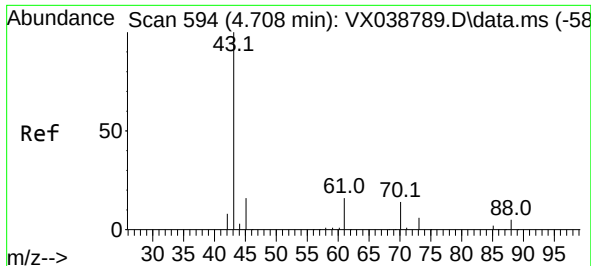
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#36
1,1-Dichloropropene
Concen: 51.463 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

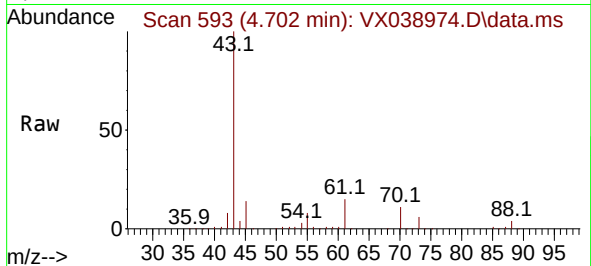
Tgt Ion: 75 Resp: 119459
Ion Ratio Lower Upper
75 100
110 35.3 17.0 50.9
77 30.3 24.7 37.1





#37
Ethyl Acetate
Concen: 51.369 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

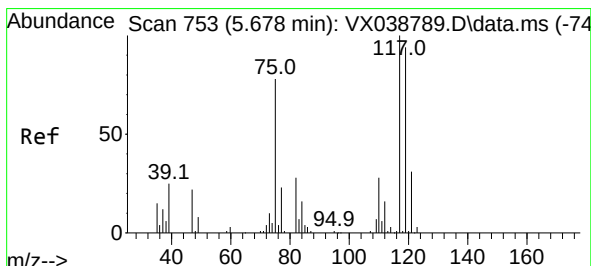
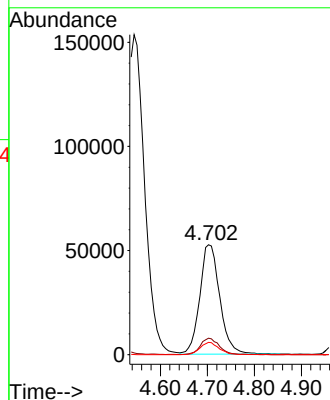
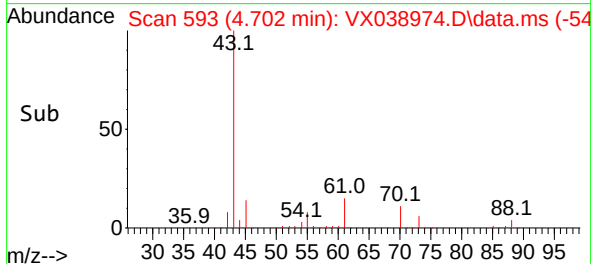
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 155352
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 10.7 8.3 12.5

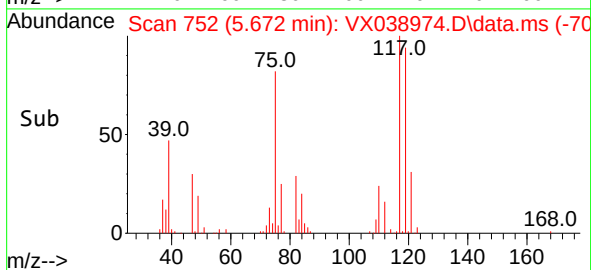
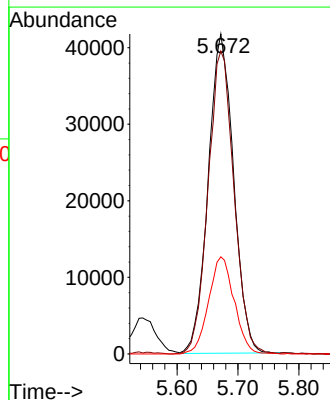
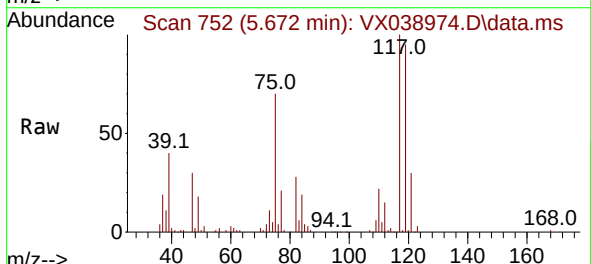
Manual Integrations
APPROVED

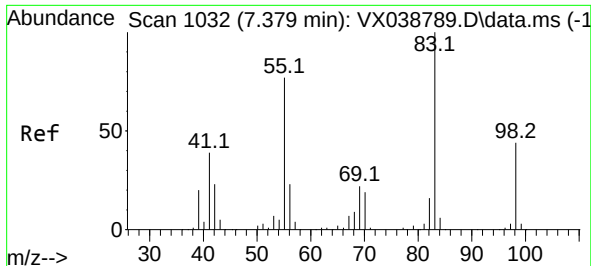
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 56.212 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion:117 Resp: 120594
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.2
121 30.5 24.4 36.6





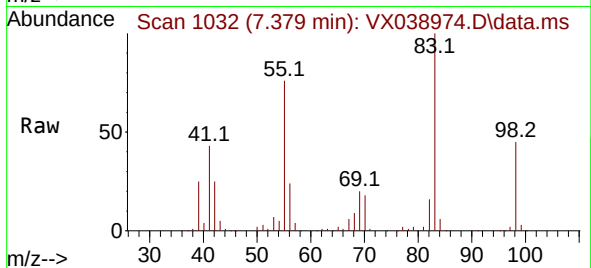
#39
Methylcyclohexane
Concen: 48.717 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



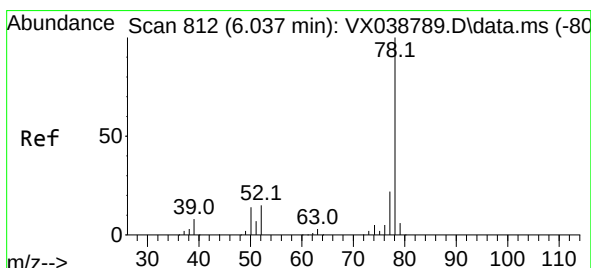
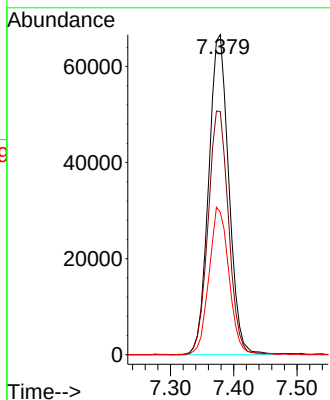
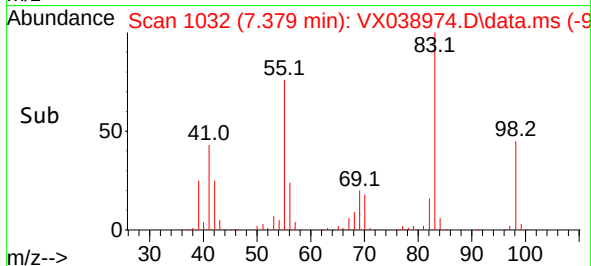
Tgt Ion: 83 Resp: 147500
Ion Ratio Lower Upper
83 100
55 75.9 64.6 97.0
98 44.5 36.7 55.1

Manual Integrations

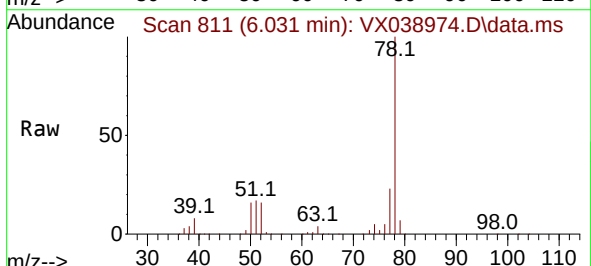
APPROVED

Reviewed By :John Carlone 11/22/2023

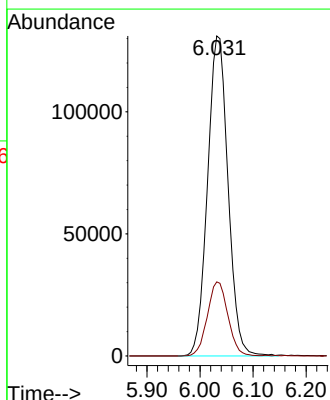
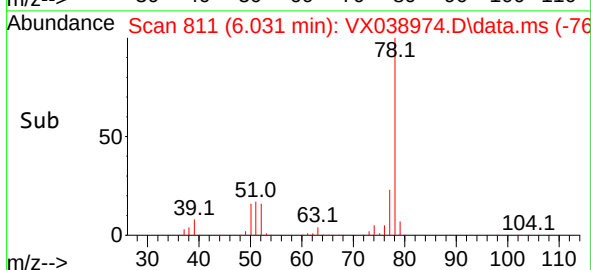
Supervised By :Mahesh Dadoda 11/22/2023

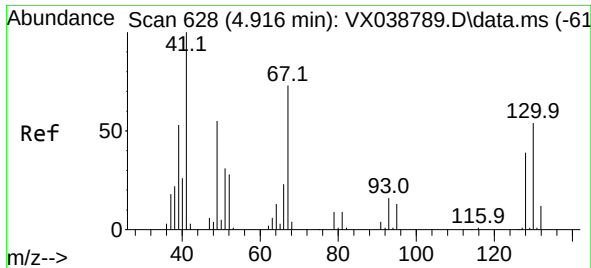


#40
Benzene
Concen: 51.182 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



Tgt Ion: 78 Resp: 351393
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 50.968 ug/l
RT: 4.910 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

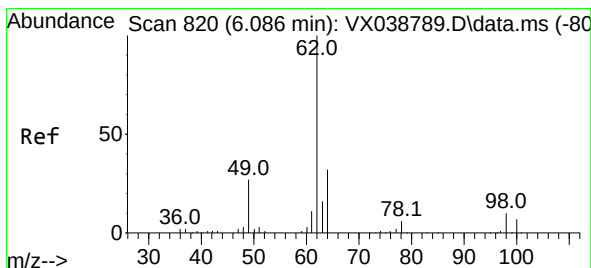
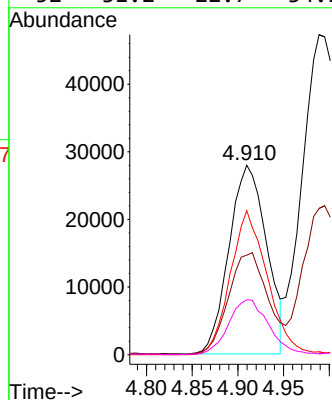
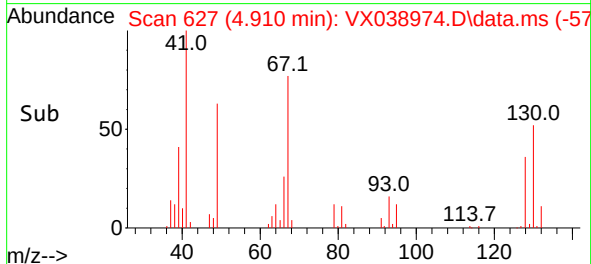
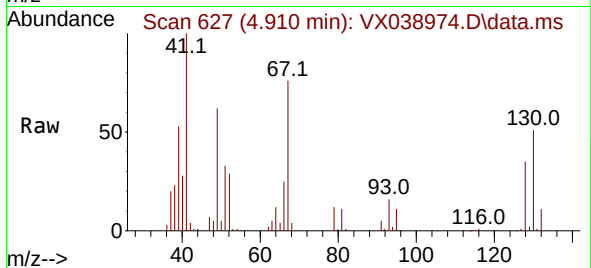
Tgt Ion: 41 Resp: 79944
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 75.6 52.6 78.8
52 31.2 22.7 34.1

Manual Integrations

APPROVED

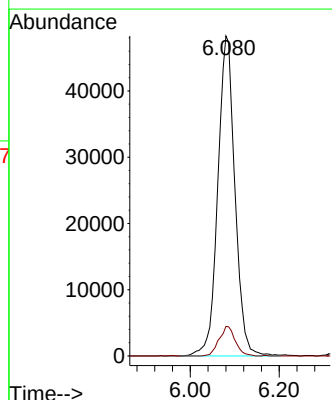
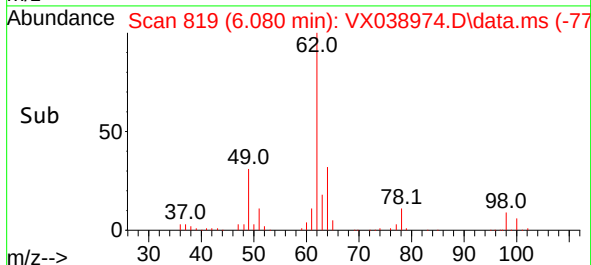
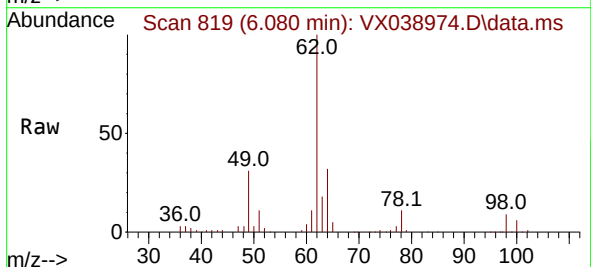
Reviewed By :John Carlone 11/22/2023

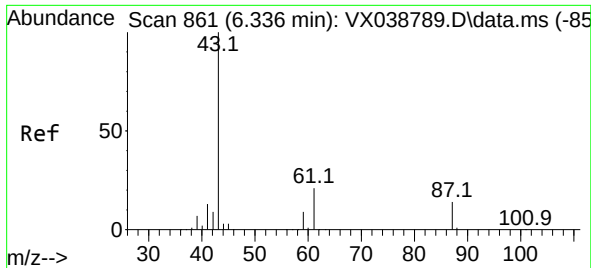
Supervised By :Mahesh Dadoda 11/22/2023



#42
1,2-Dichloroethane
Concen: 56.669 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

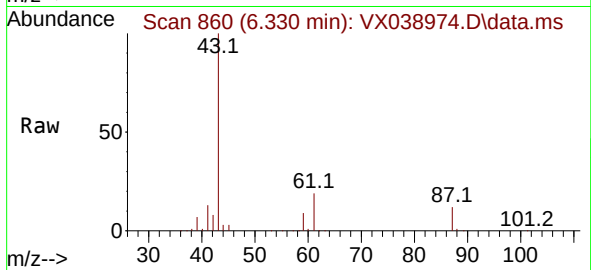
Tgt Ion: 62 Resp: 128902
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.632 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

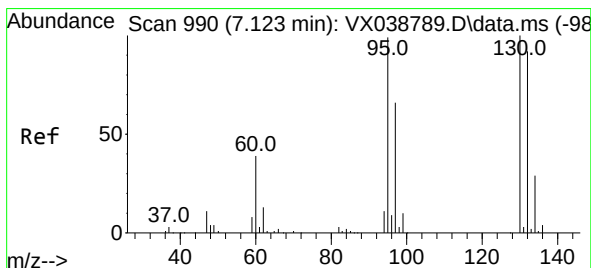
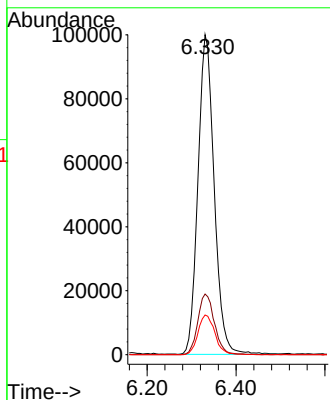
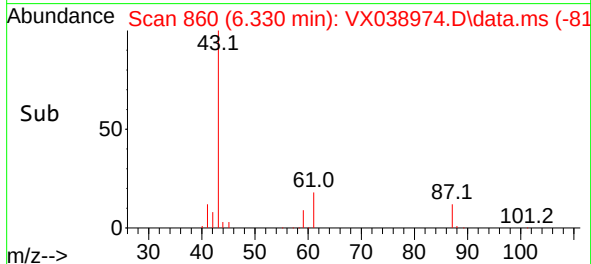
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 254380
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 12.9 9.8 14.6

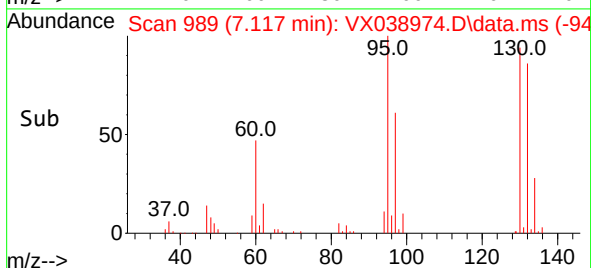
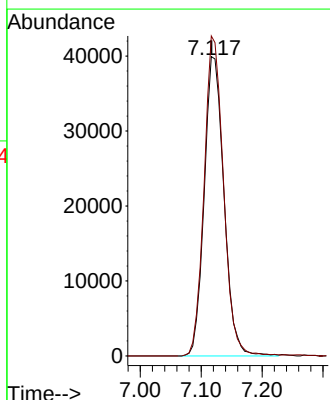
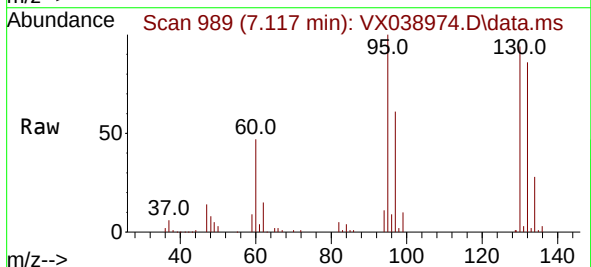
Manual Integrations
APPROVED

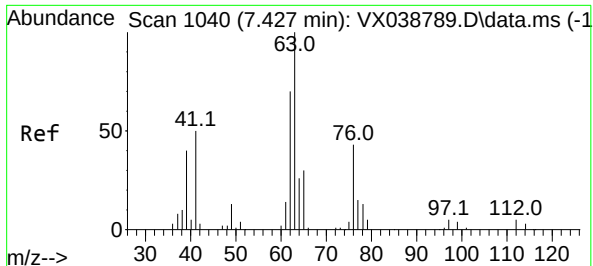
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#44
Trichloroethene
Concen: 53.827 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion:130 Resp: 89952
Ion Ratio Lower Upper
130 100
95 106.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.894 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 95878

Ion Ratio Lower Upper

63 100

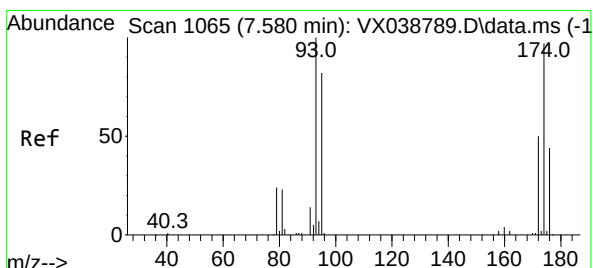
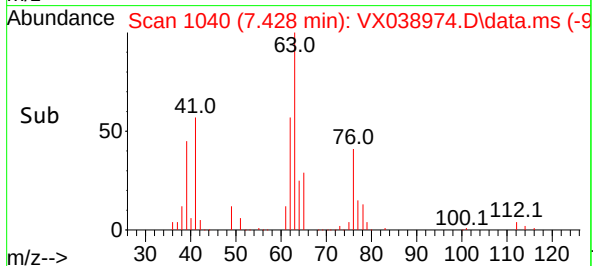
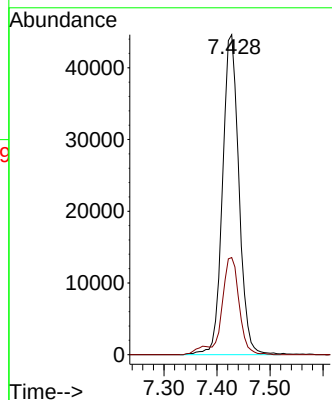
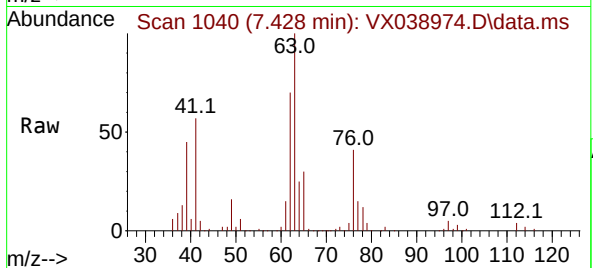
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#46

Dibromomethane

Concen: 54.137 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

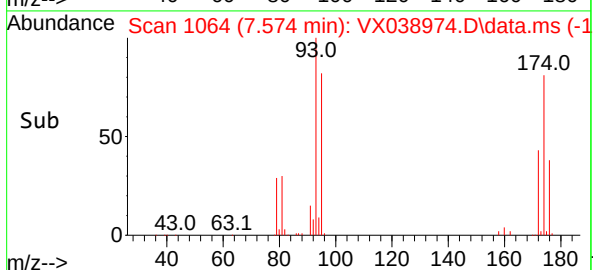
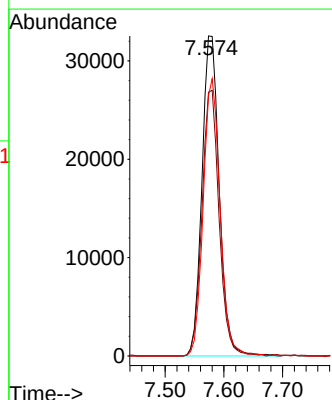
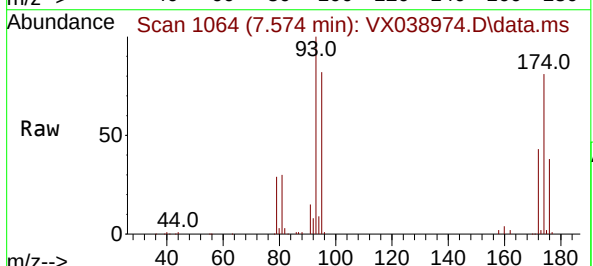
Tgt Ion: 93 Resp: 66702

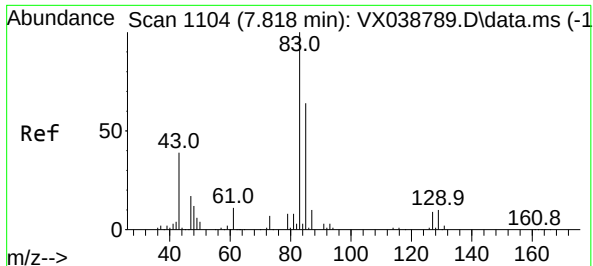
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 84.8 69.4 104.0





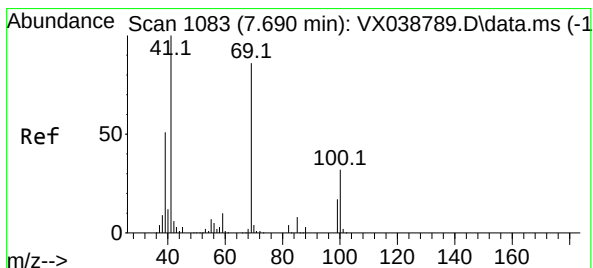
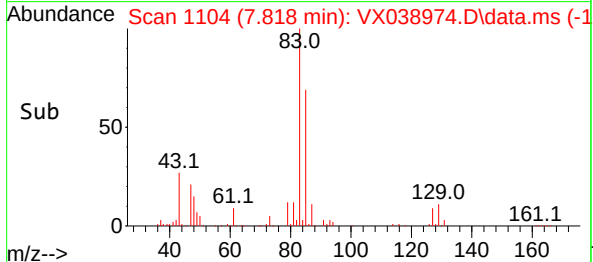
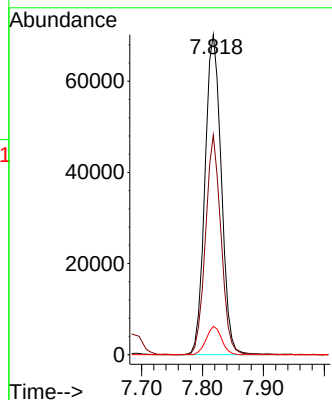
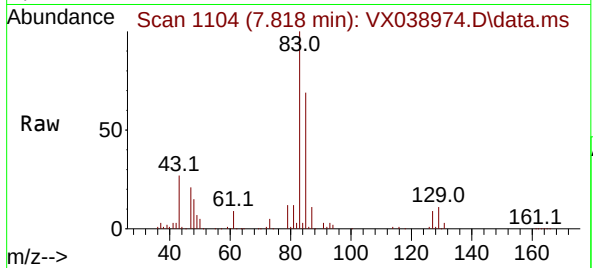
#47
Bromodichloromethane
Concen: 53.408 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130604
Ion Ratio Lower Upper
83 100
85 68.6 49.8 74.6
127 8.9 7.1 10.7

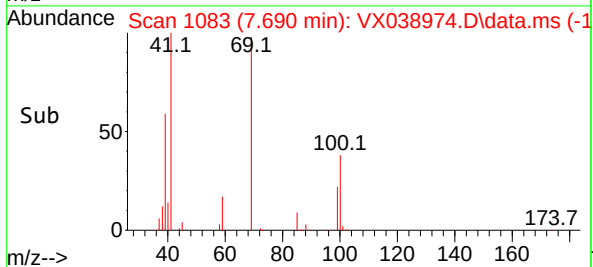
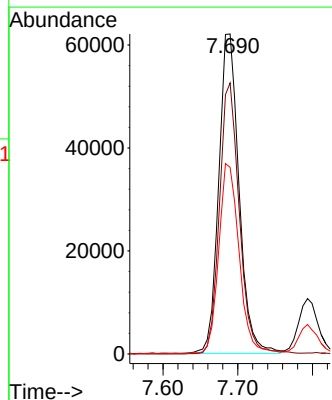
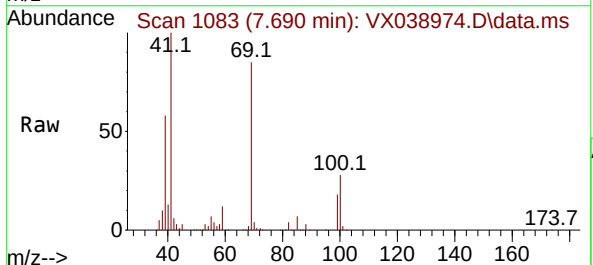
Manual Integrations
APPROVED

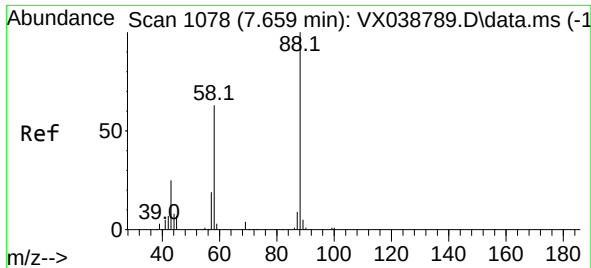
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#48
Methyl methacrylate
Concen: 50.021 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 41 Resp: 117300
Ion Ratio Lower Upper
41 100
69 83.2 59.2 88.8
39 59.8 47.7 71.5





#49

1,4-Dioxane

Concen: 989.640 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4489

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0

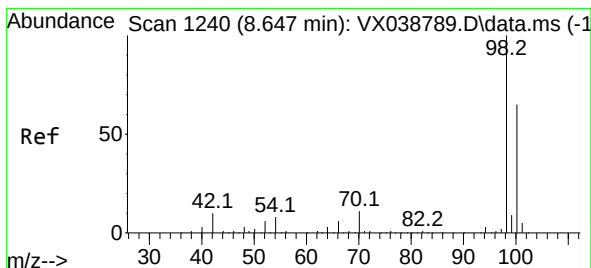
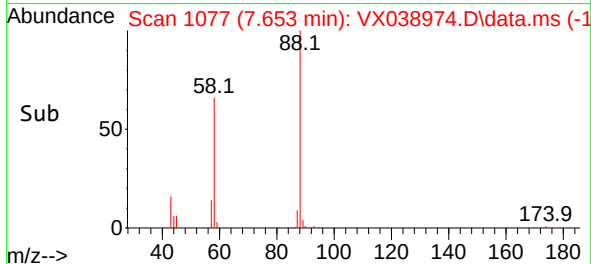
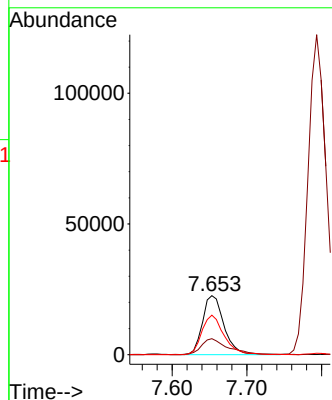
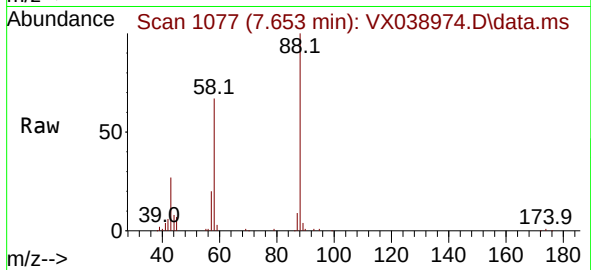
58 69.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#50

Toluene-d8

Concen: 47.490 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038974.D

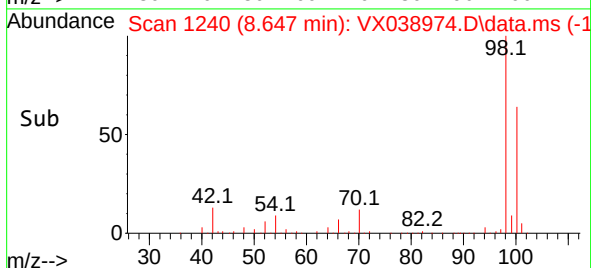
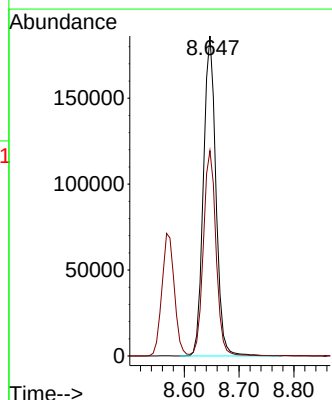
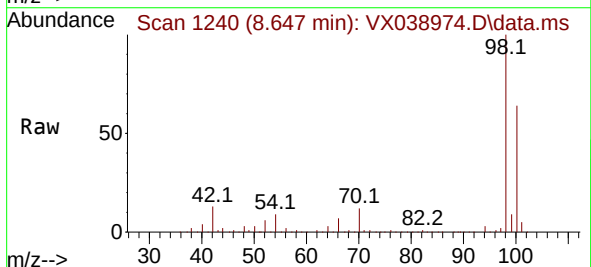
Acq: 21 Nov 2023 11:07

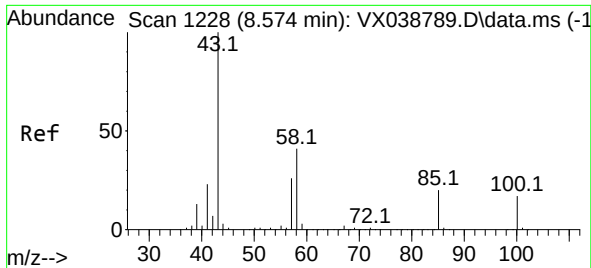
Tgt Ion: 98 Resp: 294275

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7





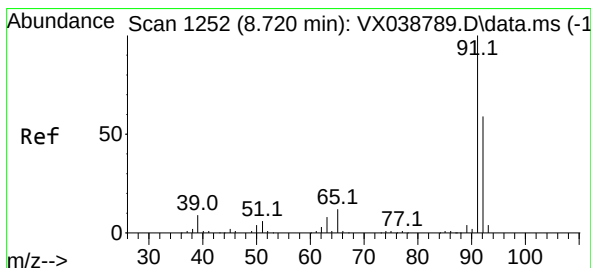
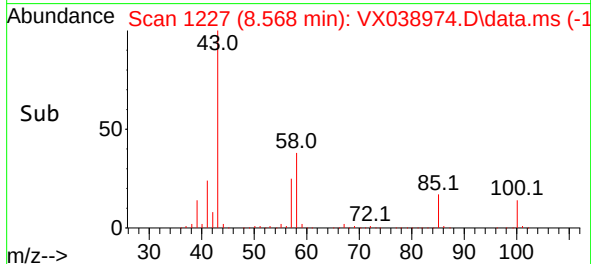
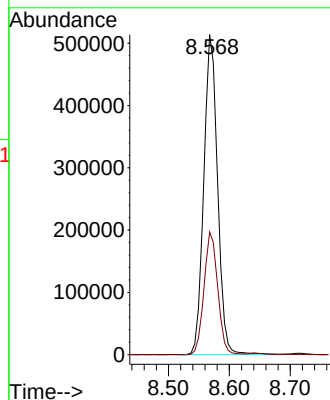
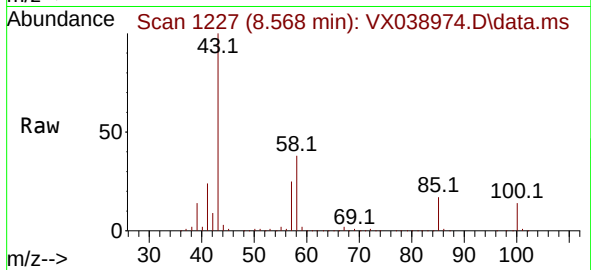
#51
4-Methyl-2-Pentanone
Concen: 262.286 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 81011
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

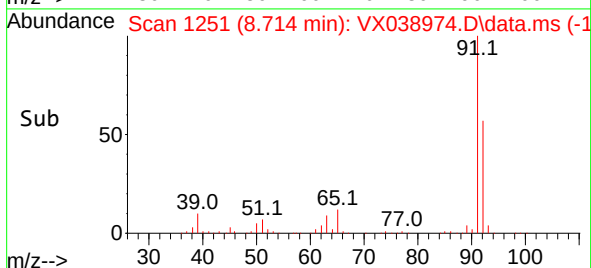
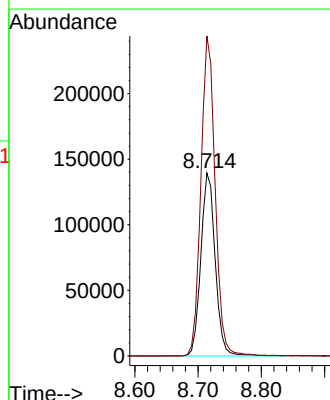
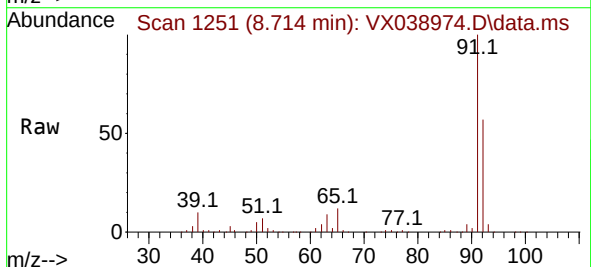
Manual Integrations
APPROVED

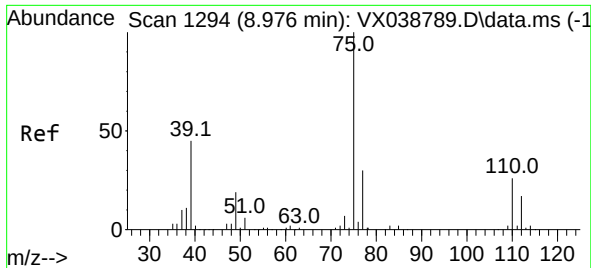
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 51.807 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

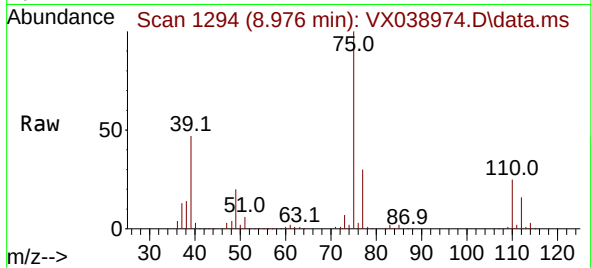
Tgt Ion: 92 Resp: 220721
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.381 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

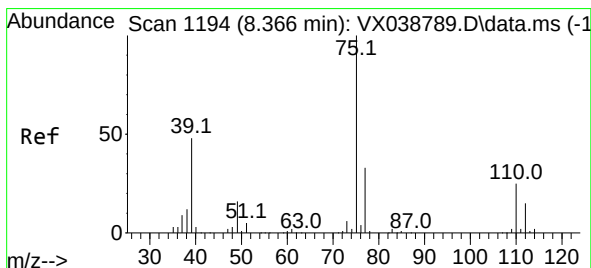
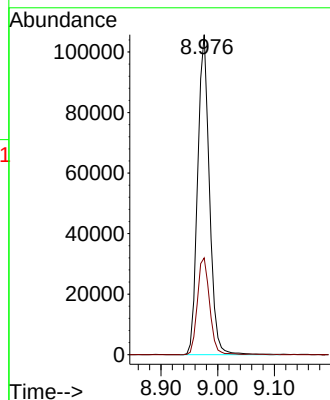
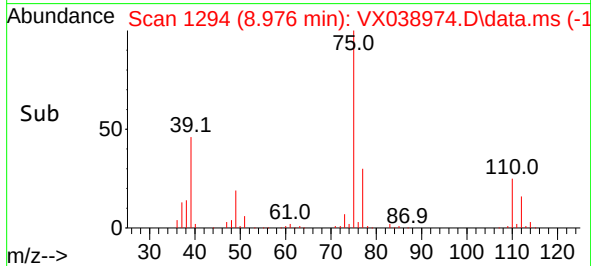
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 15222
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5

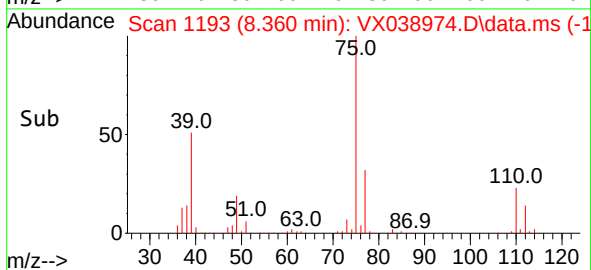
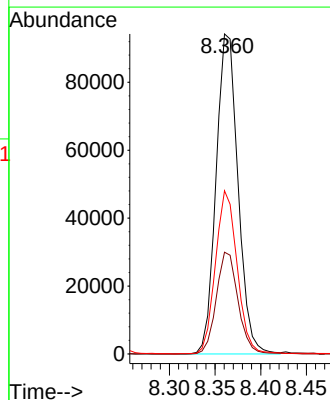
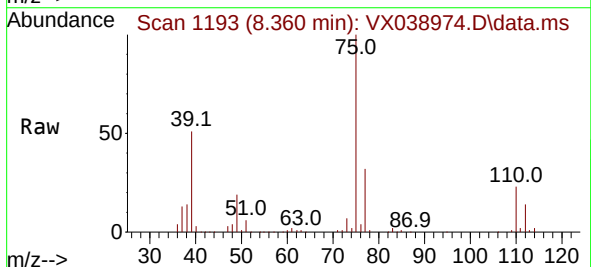
Manual Integrations
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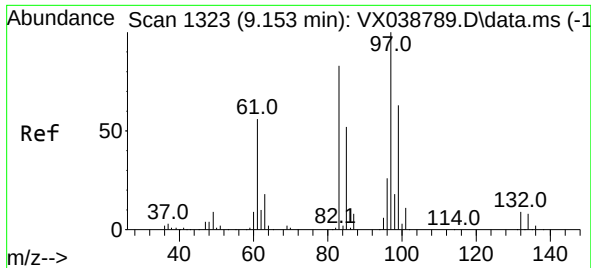
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#54
cis-1,3-Dichloropropene
Concen: 52.430 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion: 75 Resp: 157385
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 50.9 46.7 70.1





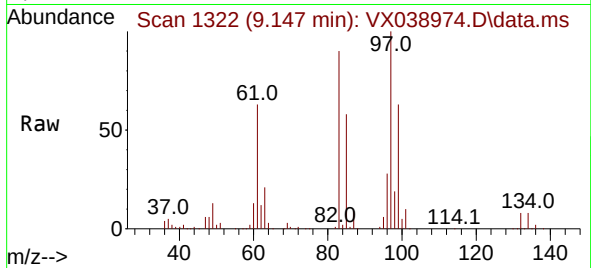
#55
1,1,2-Trichloroethane
Concen: 52.734 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



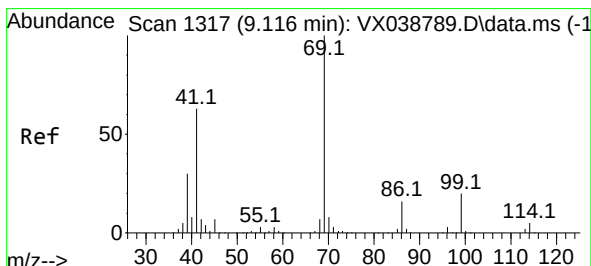
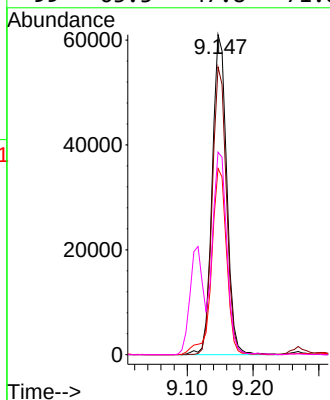
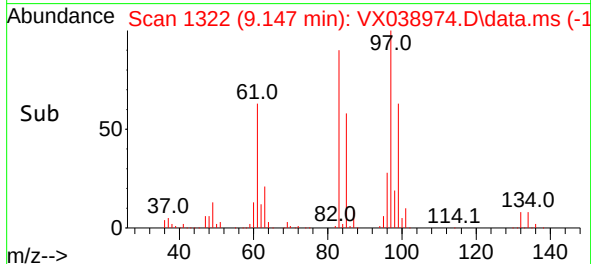
Tgt Ion:	97	Resp:	93744
Ion Ratio	100	Lower	Upper
97	100		
83	89.8	65.8	98.8
85	58.2	41.6	62.4
99	63.3	47.8	71.8

Manual Integrations

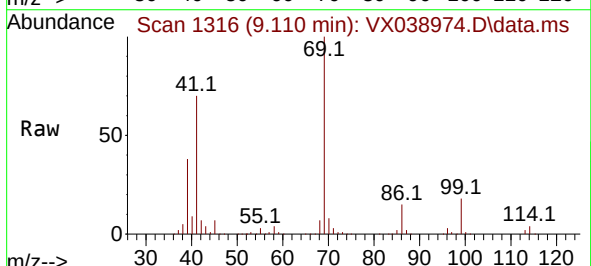
APPROVED

Reviewed By :John Carlone 11/22/2023

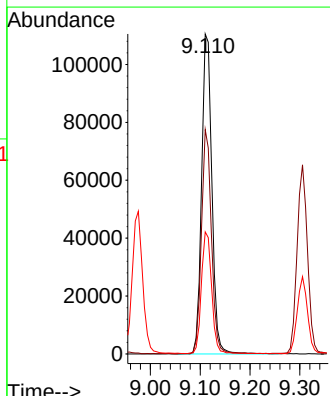
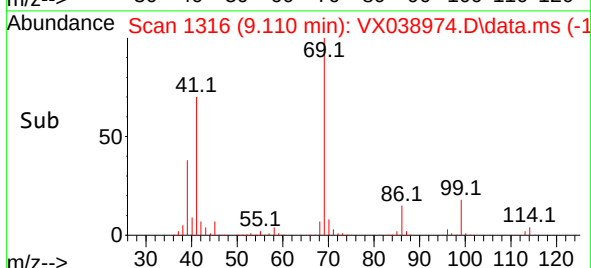
Supervised By :Mahesh Dadoda 11/22/2023

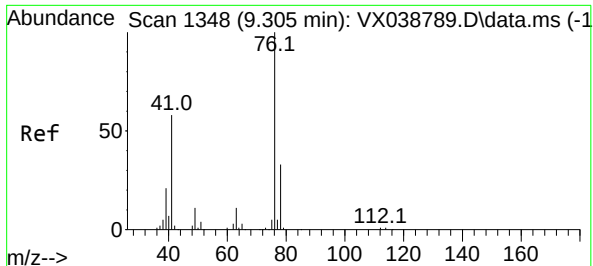


#56
Ethyl methacrylate
Concen: 52.552 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



Tgt Ion:	69	Resp:	158064
Ion Ratio	100	Lower	Upper
69	100		
41	68.2	56.8	85.2
39	38.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.524 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 157362

Ion Ratio Lower Upper

76 100

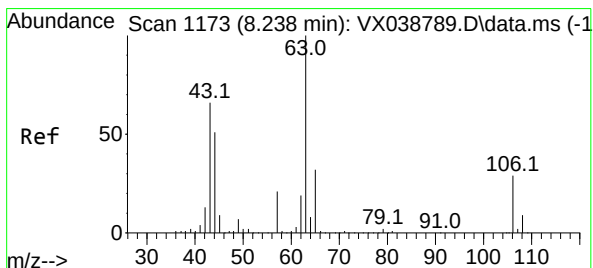
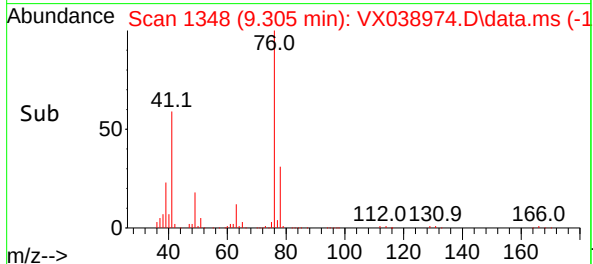
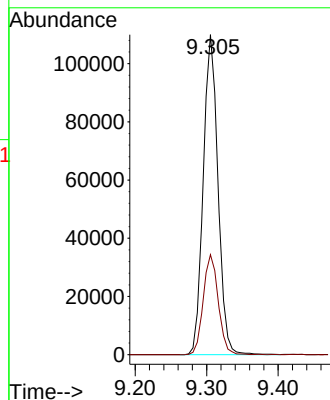
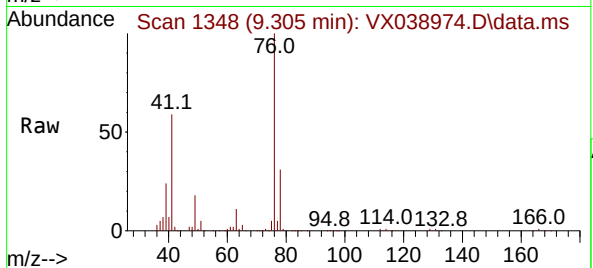
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 259.807 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038974.D

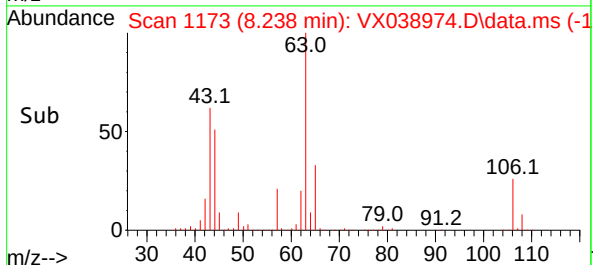
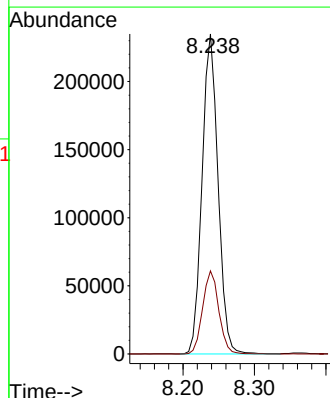
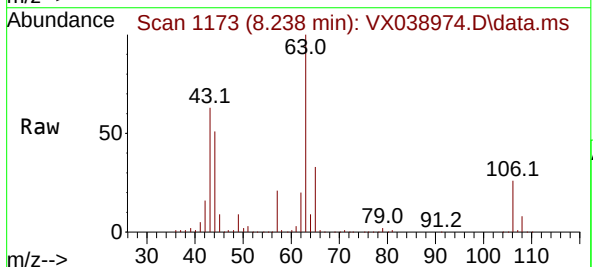
Acq: 21 Nov 2023 11:07

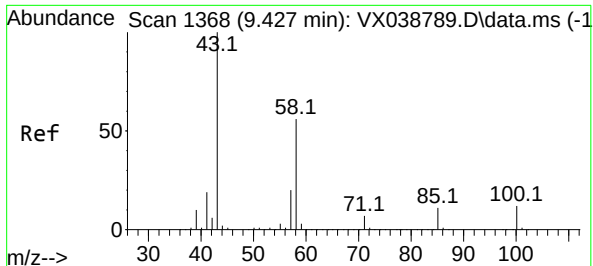
Tgt Ion: 63 Resp: 364028

Ion Ratio Lower Upper

63 100

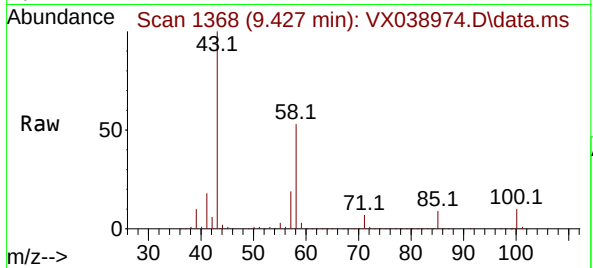
106 26.2 22.5 33.7





#59
2-Hexanone
Concen: 264.729 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

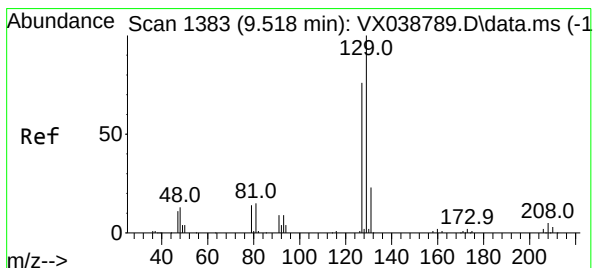
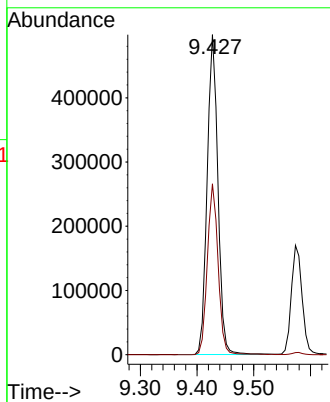
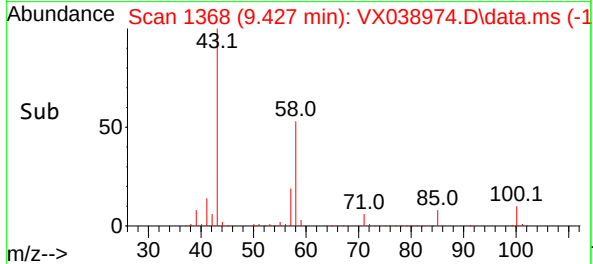
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 655375
Ion Ratio Lower Upper
43 100
58 53.5 26.2 78.5

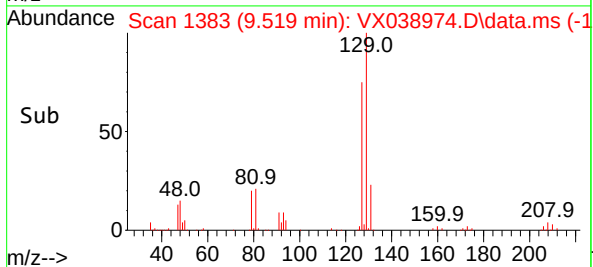
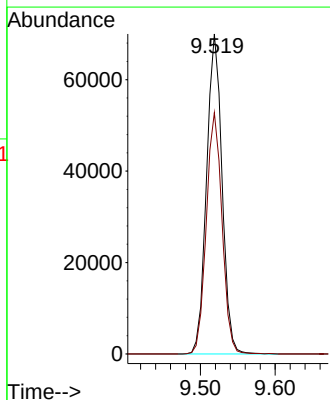
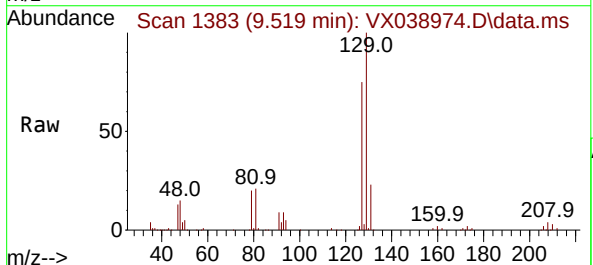
Manual Integrations
APPROVED

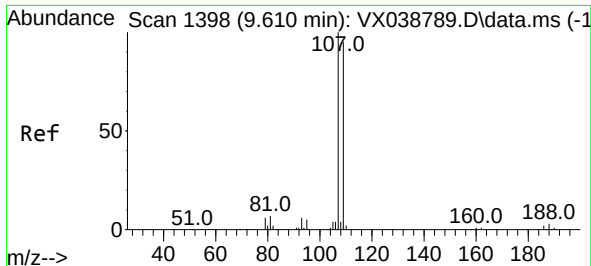
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#60
Dibromochloromethane
Concen: 55.758 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

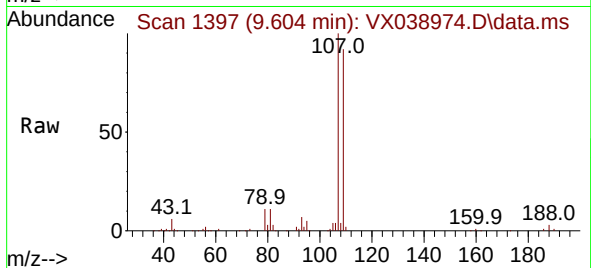
Tgt Ion:129 Resp: 100784
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.263 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

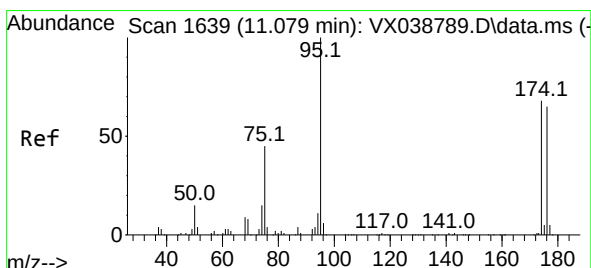
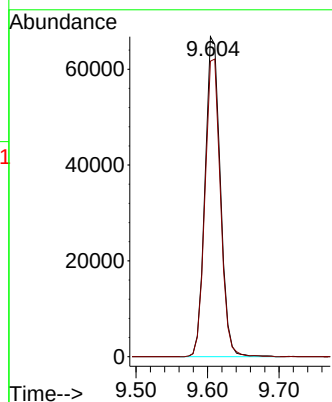
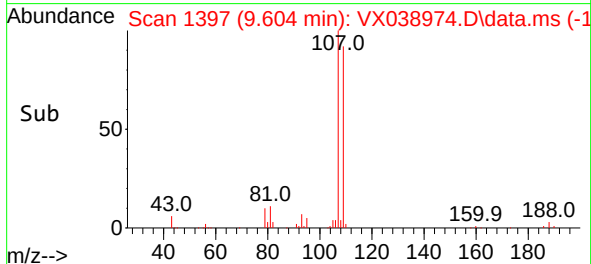
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 9935
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

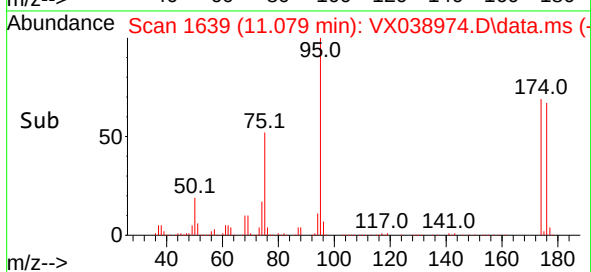
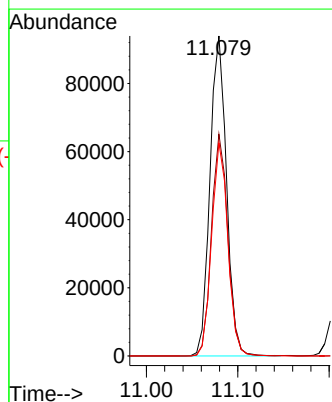
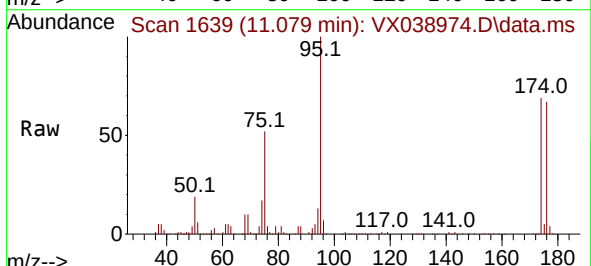
Manual Integrations
APPROVED

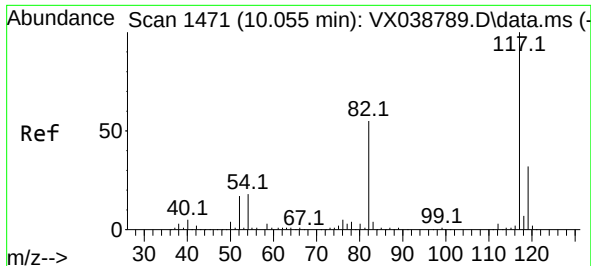
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#62
4-Bromofluorobenzene
Concen: 47.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

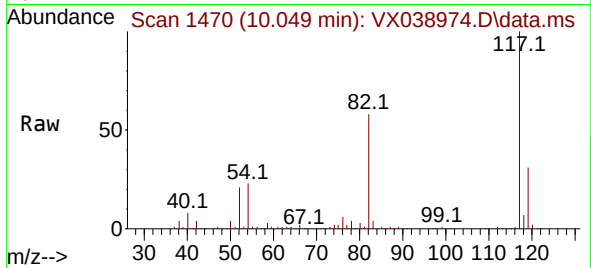
Tgt Ion: 95 Resp: 117961
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 65.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

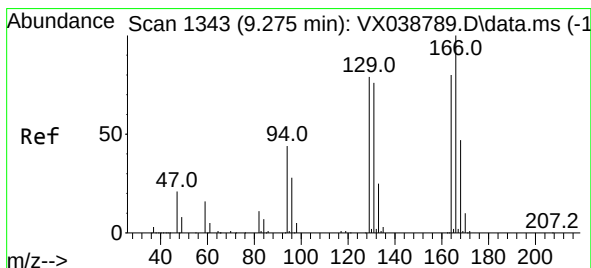
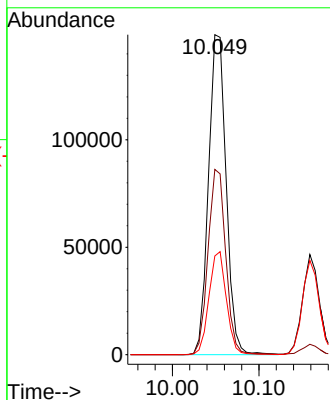
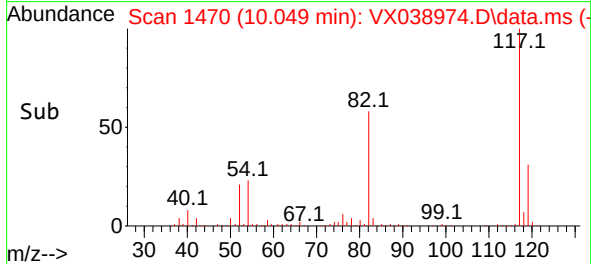
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 21061
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 30.9 25.5 38.3

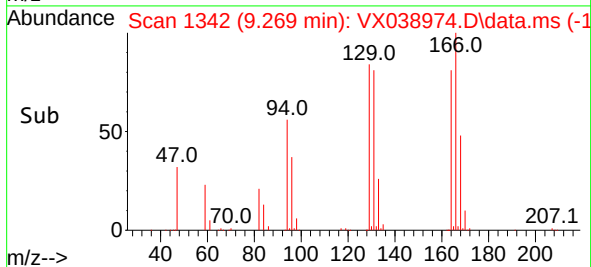
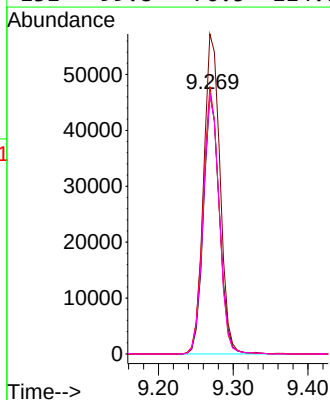
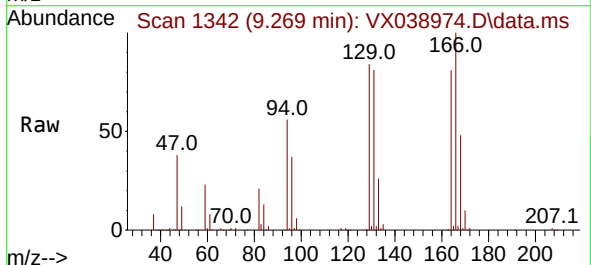
Manual Integrations
APPROVED

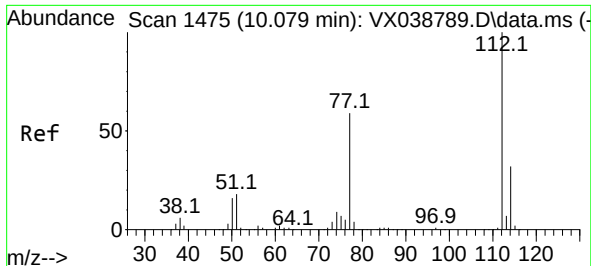
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#64
Tetrachloroethene
Concen: 52.524 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion:164 Resp: 68760
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 102.9 80.4 120.6
131 99.8 76.5 114.7





#65

Chlorobenzene

Concen: 52.440 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 237909

Ion Ratio Lower Upper

112 100

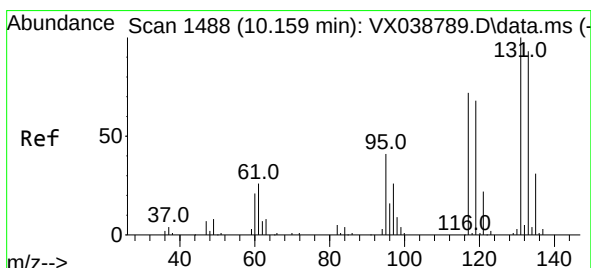
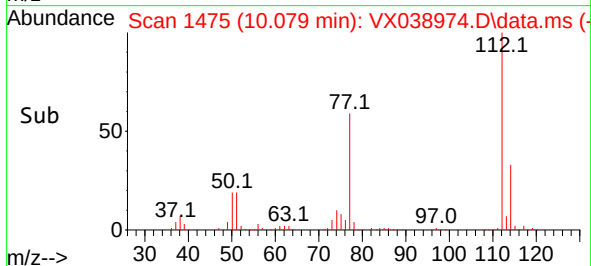
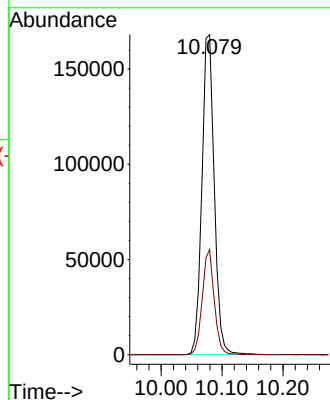
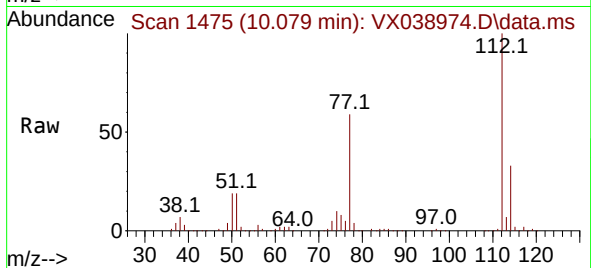
114 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 53.170 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

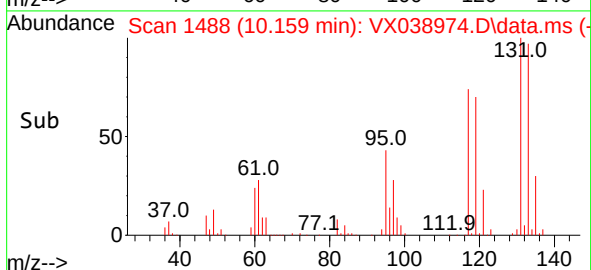
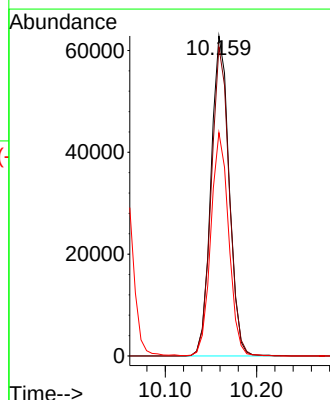
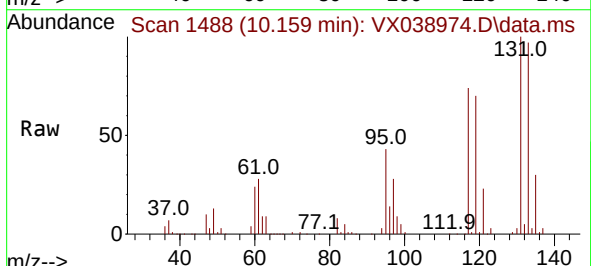
Tgt Ion:131 Resp: 86771

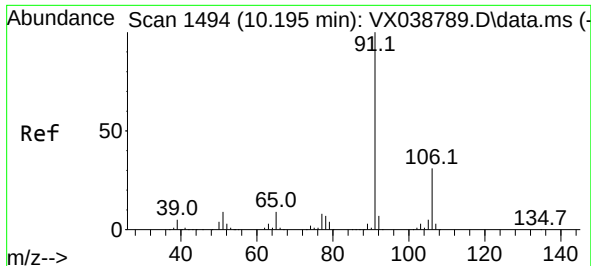
Ion Ratio Lower Upper

131 100

133 95.8 47.1 141.4

119 68.7 32.2 96.6





#67

Ethyl Benzene

Concen: 52.246 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 435489

Ion Ratio Lower Upper

91 100

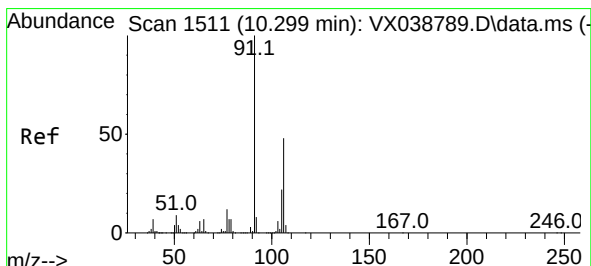
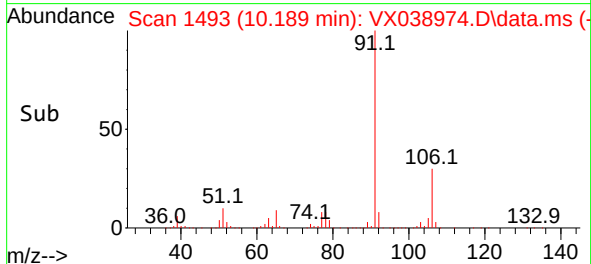
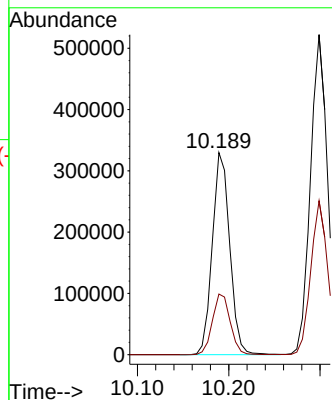
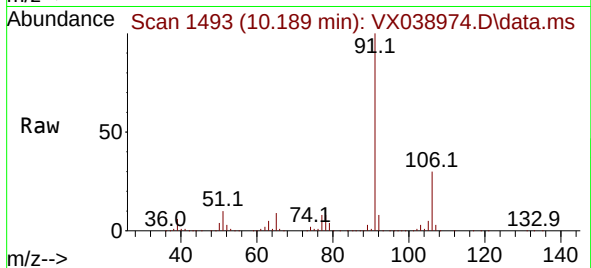
106 30.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#68

m/p-Xylenes

Concen: 103.956 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038974.D

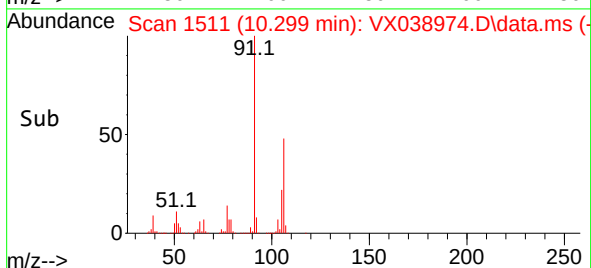
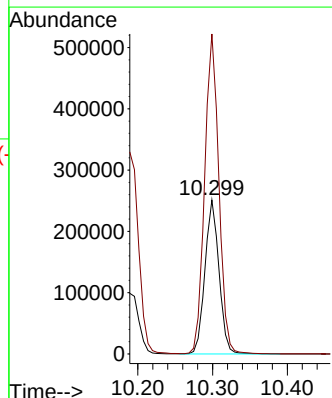
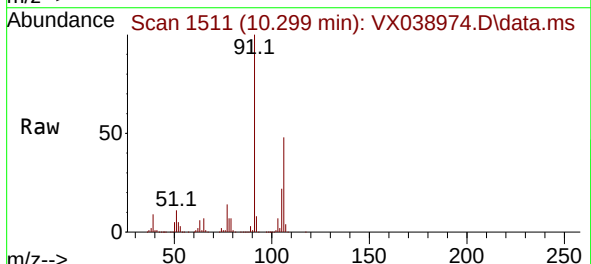
Acq: 21 Nov 2023 11:07

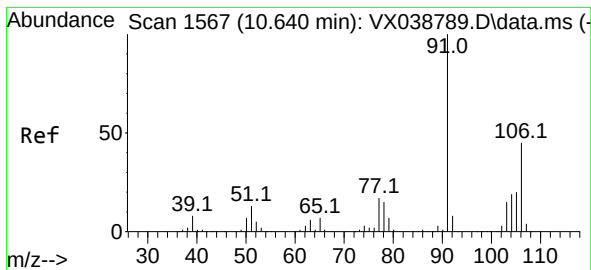
Tgt Ion:106 Resp: 327777

Ion Ratio Lower Upper

106 100

91 210.1 165.5 248.3





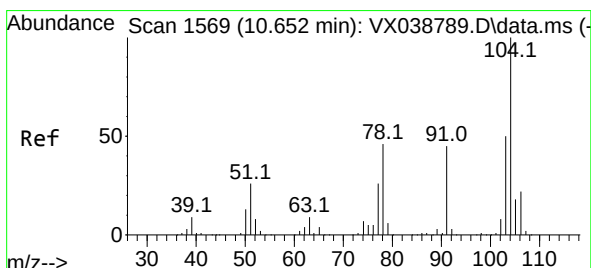
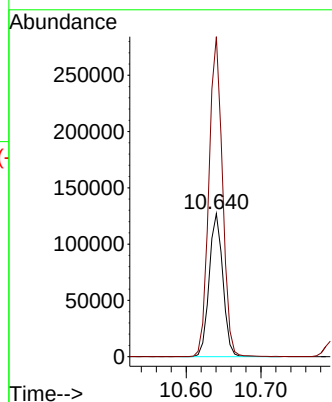
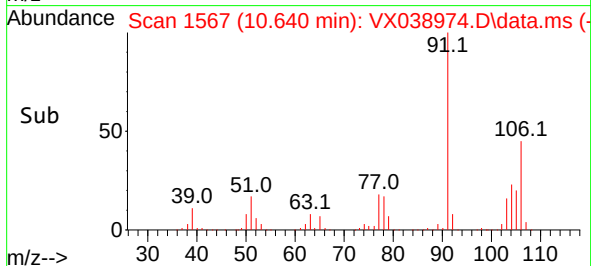
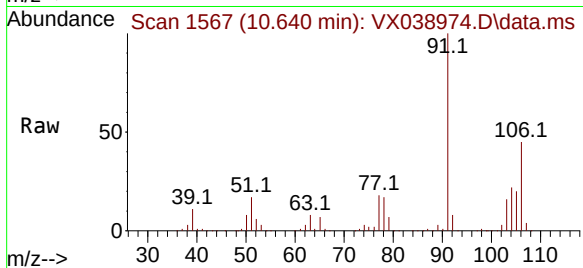
#69
o-Xylene
Concen: 51.733 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 161400
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.8

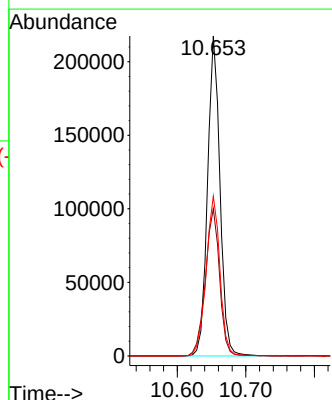
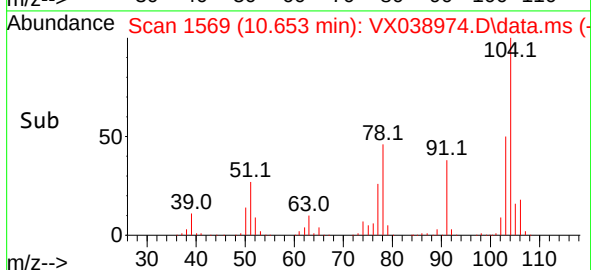
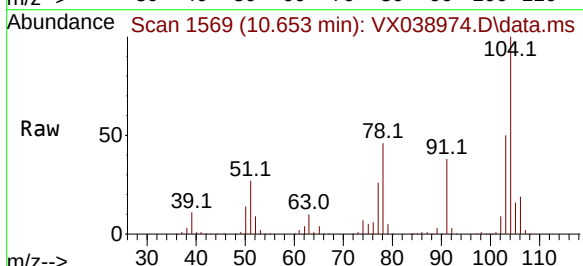
Manual Integrations
APPROVED

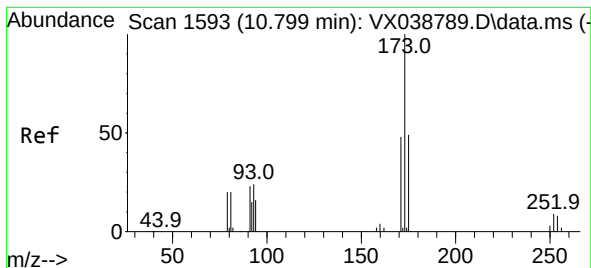
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 52.187 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion:104 Resp: 274978
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 55.6 43.6 65.4





#71

Bromoform

Concen: 53.464 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

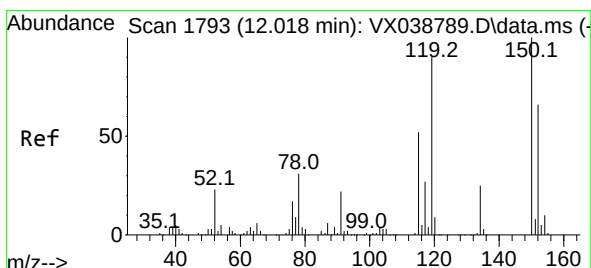
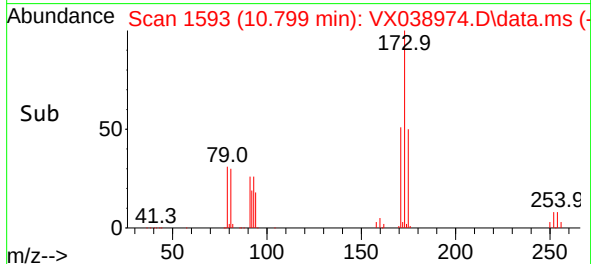
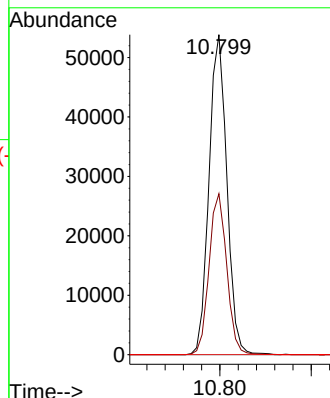
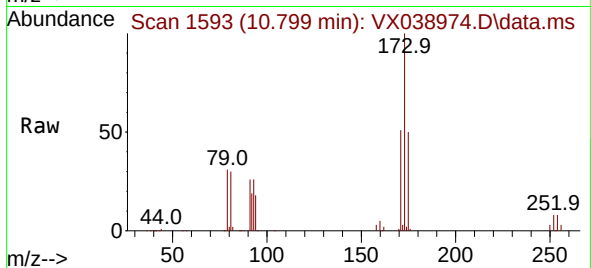
Tgt Ion:173 Resp: 72730
 Ion Ratio Lower Upper
 173 100
 175 50.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

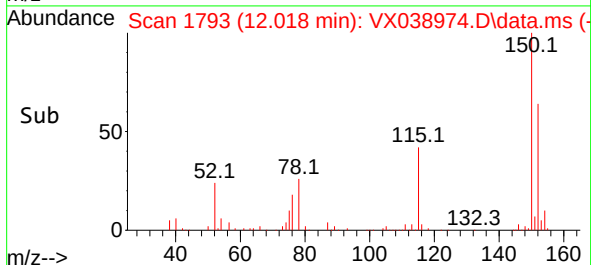
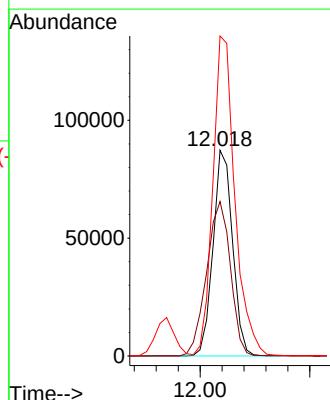
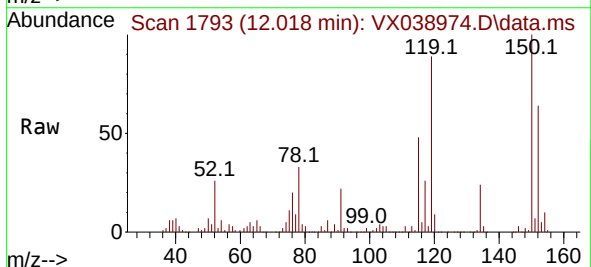
RT: 12.018 min Scan# 1793

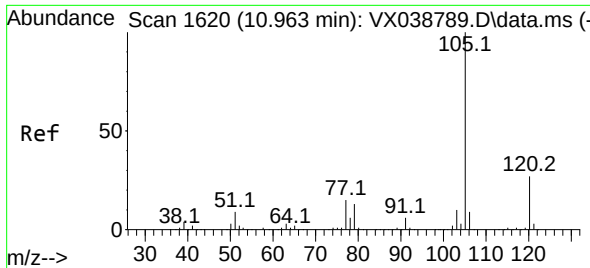
Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Tgt Ion:152 Resp: 107962
 Ion Ratio Lower Upper
 152 100
 115 91.5 43.3 129.9
 150 175.0 0.0 345.0





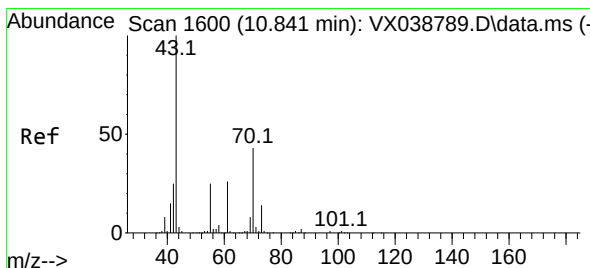
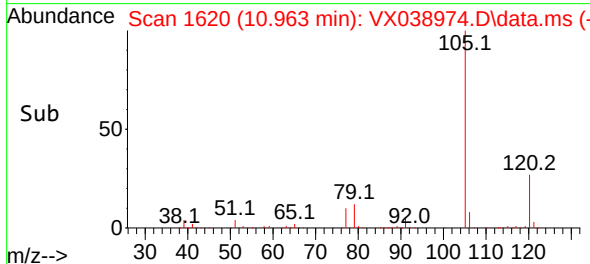
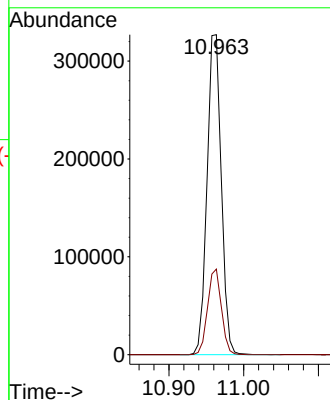
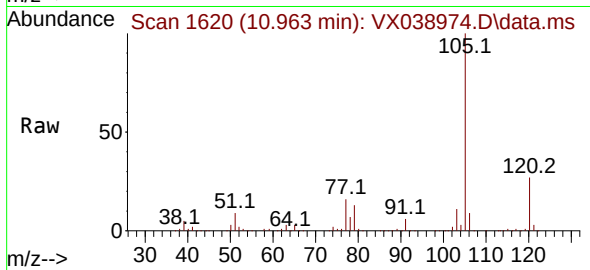
#73
Isopropylbenzene
Concen: 51.395 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 43232
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

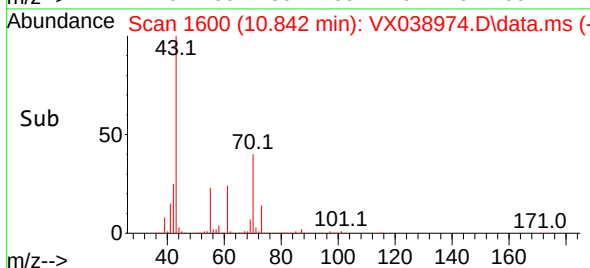
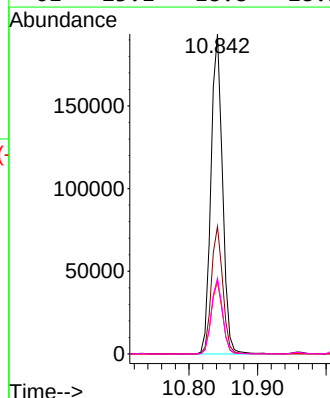
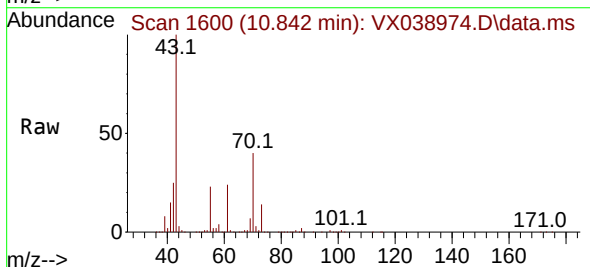
Manual Integrations
APPROVED

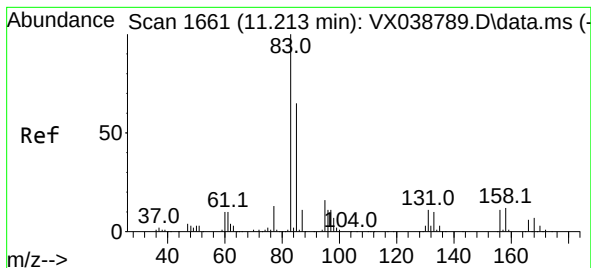
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#74
N-ethyl acetate
Concen: 51.128 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

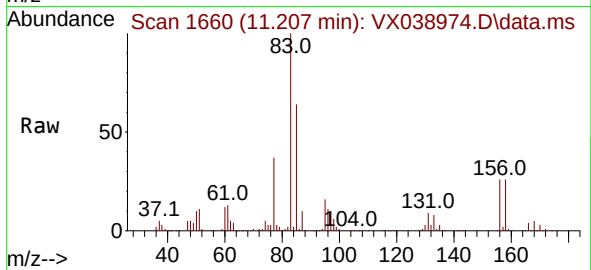
Tgt Ion: 43 Resp: 227347
Ion Ratio Lower Upper
43 100
70 39.4 32.9 49.3
55 22.3 19.3 28.9
61 23.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.878 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

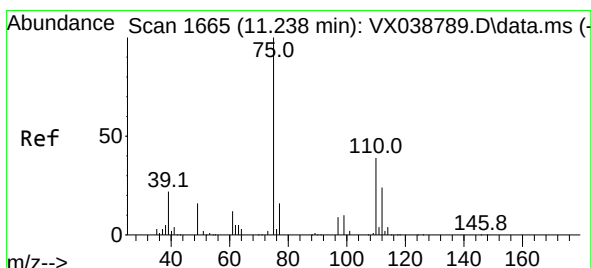
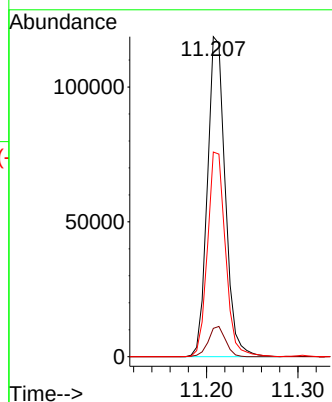
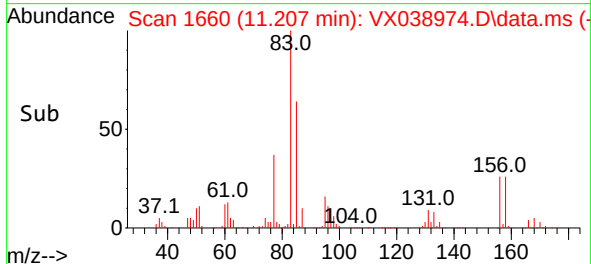
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



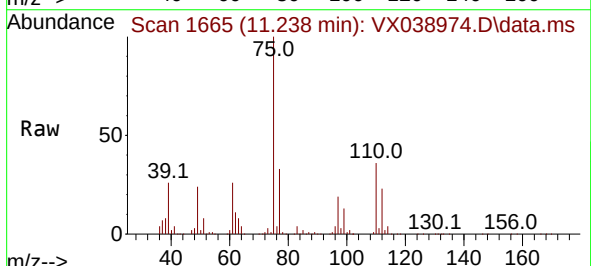
Tgt Ion: 83 Resp: 160499
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

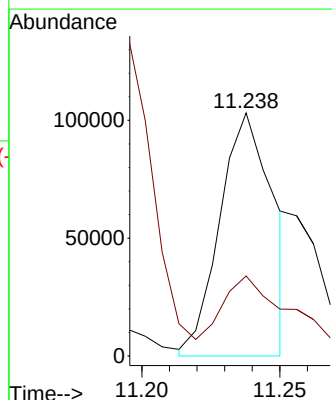
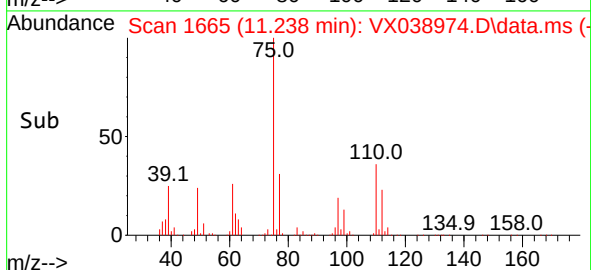
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

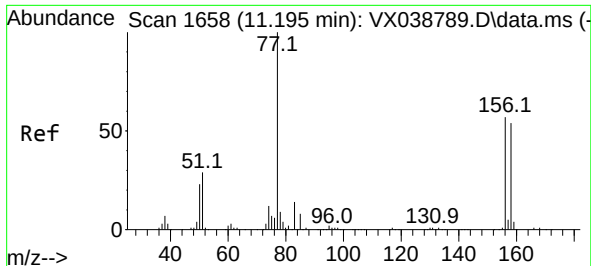


#76
1,2,3-Trichloropropane
Concen: 51.248 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



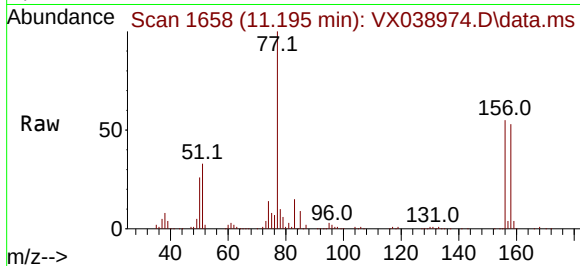
Tgt Ion: 75 Resp: 138044
Ion Ratio Lower Upper
75 100
77 44.0 19.1 57.5





#77
Bromobenzene
Concen: 51.091 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

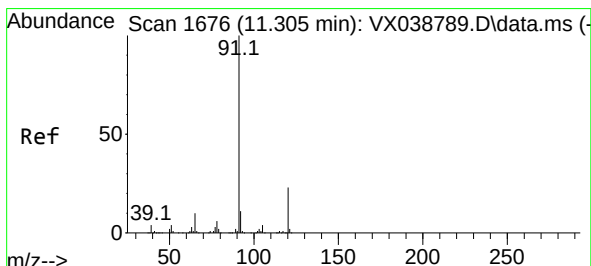
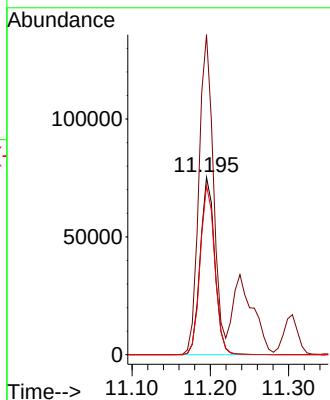
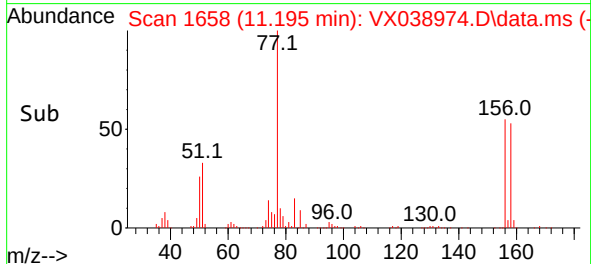
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



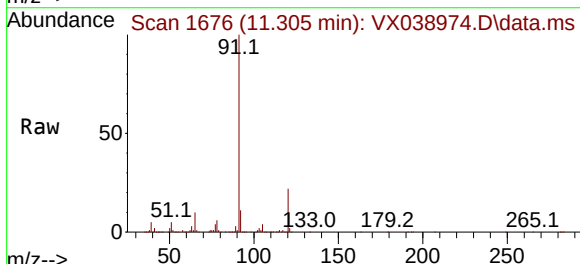
Tgt Ion:156 Resp: 9656
Ion Ratio Lower Upper
156 100
77 181.3 88.4 265.3
158 96.1 48.0 144.0

Manual Integrations
APPROVED

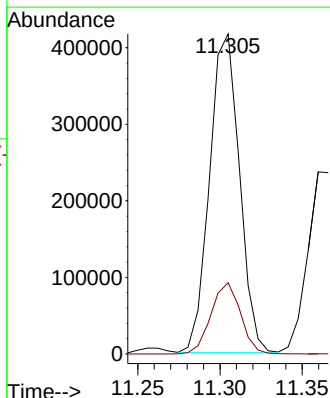
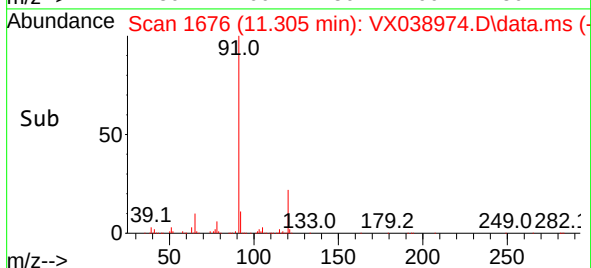
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

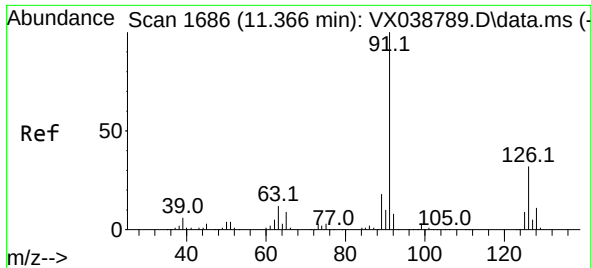


#78
n-propylbenzene
Concen: 50.844 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



Tgt Ion: 91 Resp: 526436
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





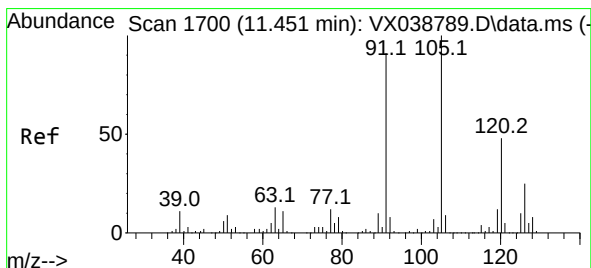
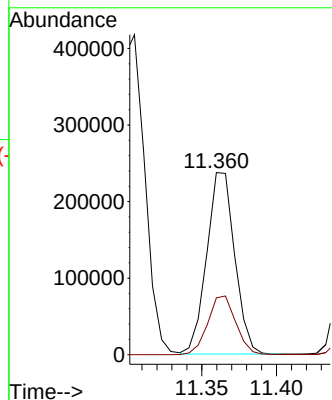
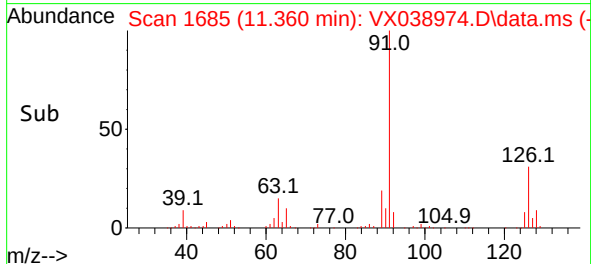
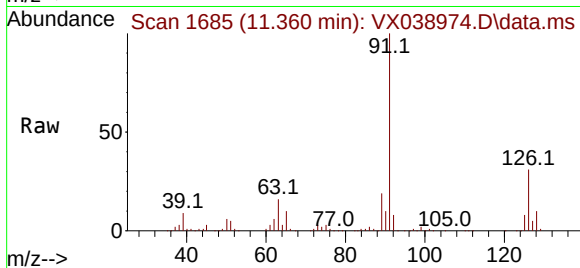
#79
2-Chlorotoluene
Concen: 50.439 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 309935
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

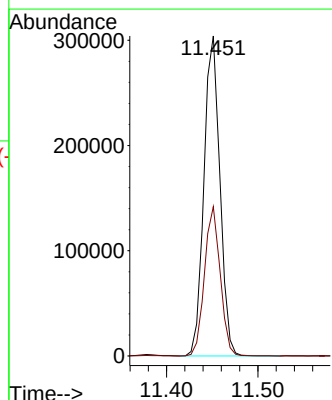
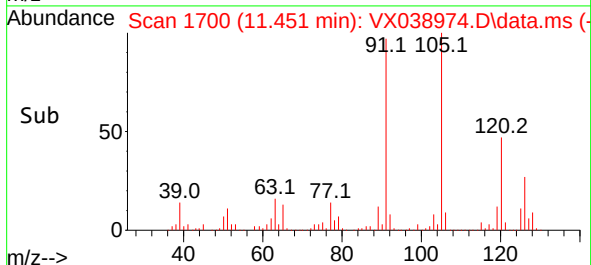
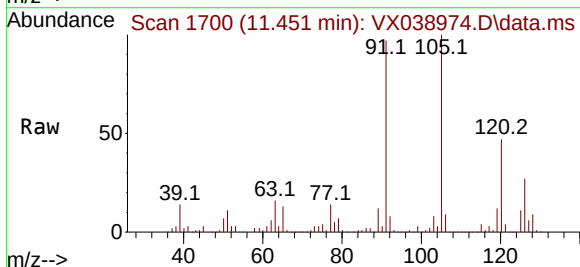
Manual Integrations
APPROVED

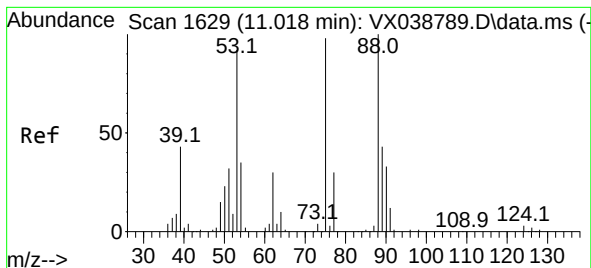
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.097 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Tgt Ion:105 Resp: 368470
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





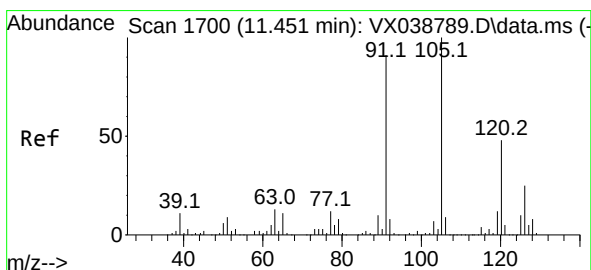
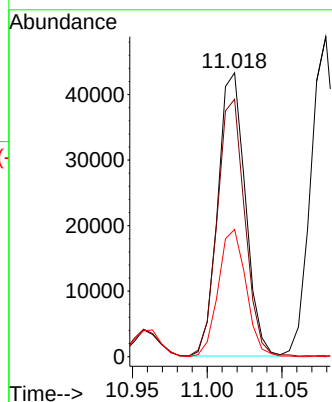
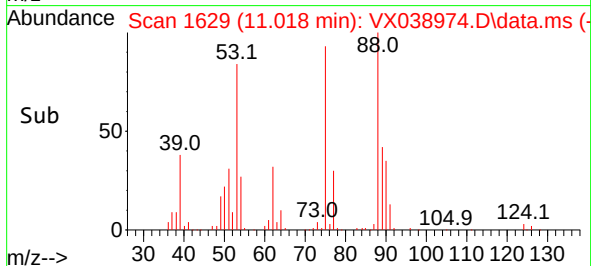
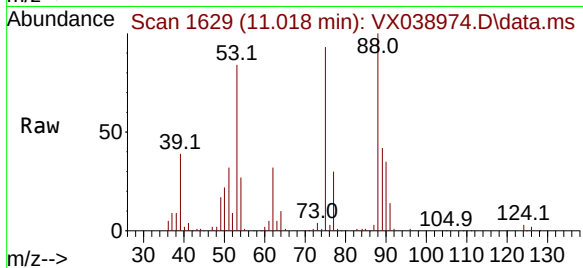
#81
trans-1,4-Dichloro-2-butene
Concen: 45.651 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 55438
Ion Ratio Lower Upper
75 100
53 90.7 90.5 135.7
89 45.2 36.9 55.3

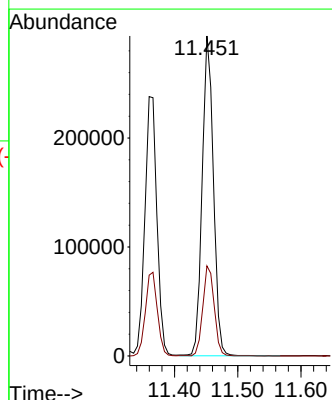
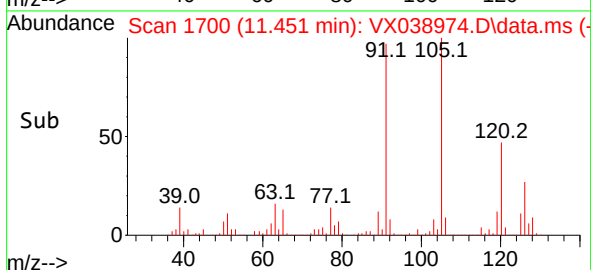
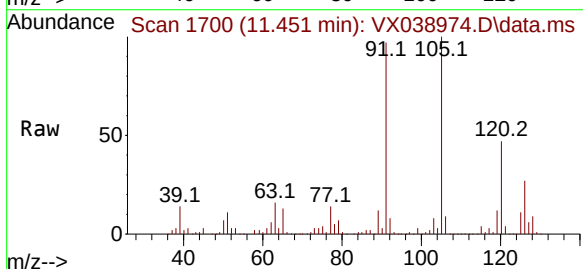
Manual Integrations
APPROVED

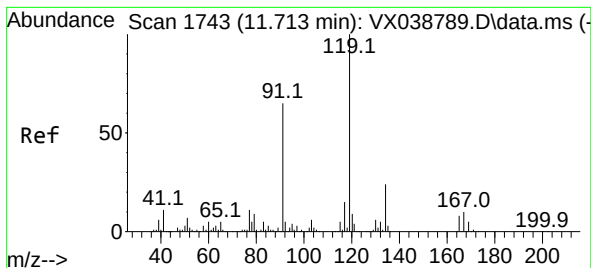
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#82
4-Chlorotoluene
Concen: 51.326 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

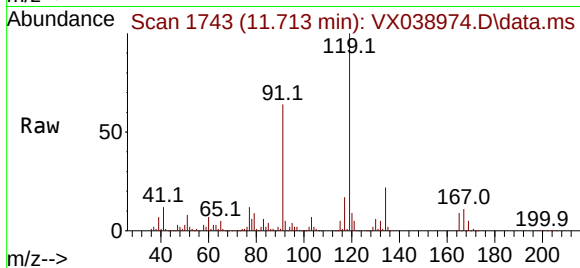
Tgt Ion: 91 Resp: 363652
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.540 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

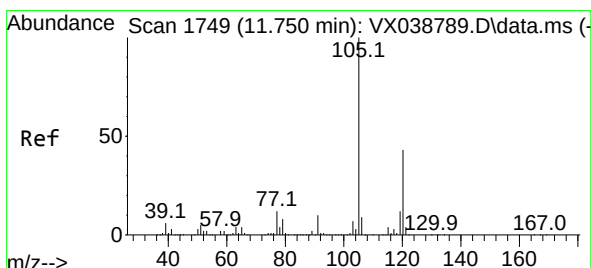
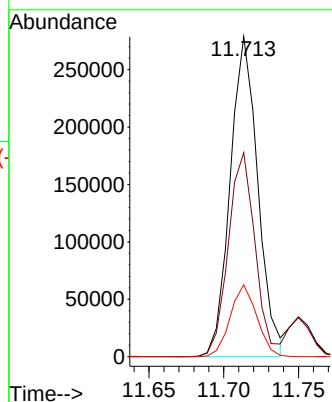
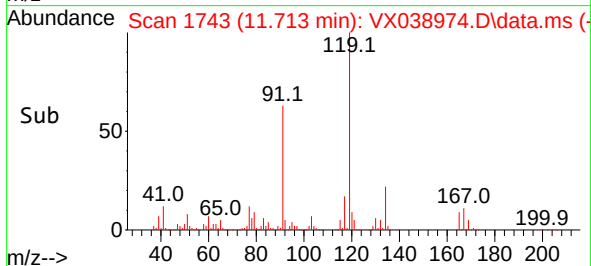
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



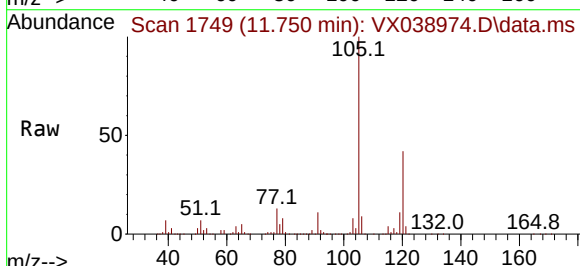
Tgt Ion:119 Resp: 359009
Ion Ratio Lower Upper
119 100
91 62.1 31.2 93.6
134 21.6 11.7 35.0

Manual Integrations
APPROVED

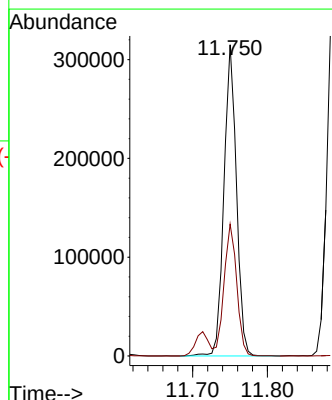
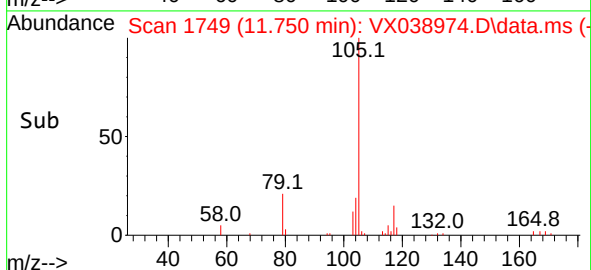
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

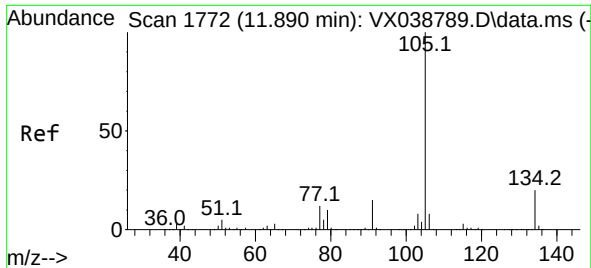


#84
1,2,4-Trimethylbenzene
Concen: 51.291 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



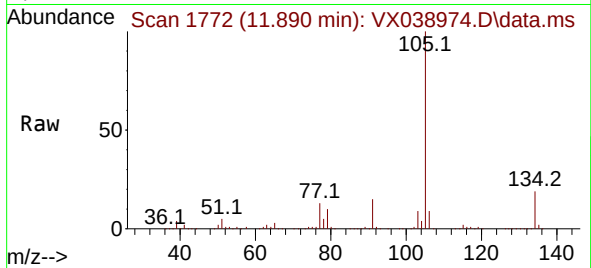
Tgt Ion:105 Resp: 367177
Ion Ratio Lower Upper
105 100
120 43.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.526 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038974.D
 Acq: 21 Nov 2023 11:07

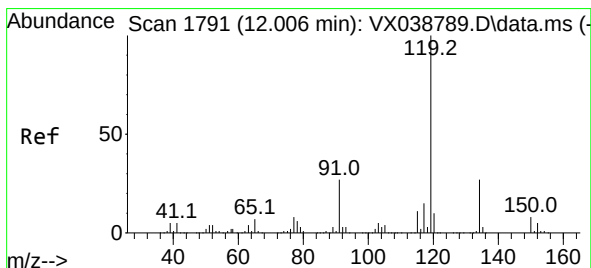
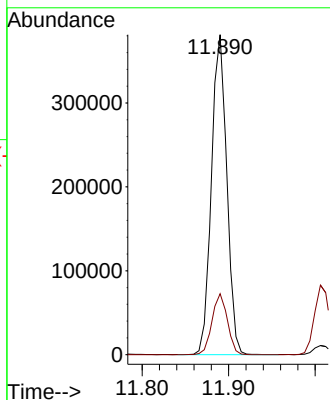
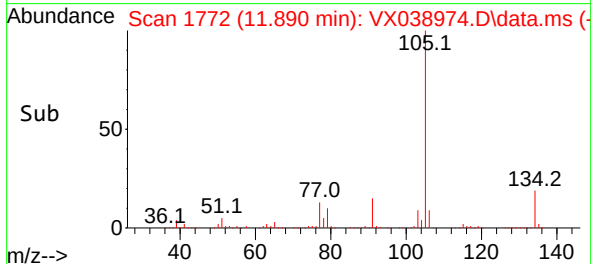
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 469475
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

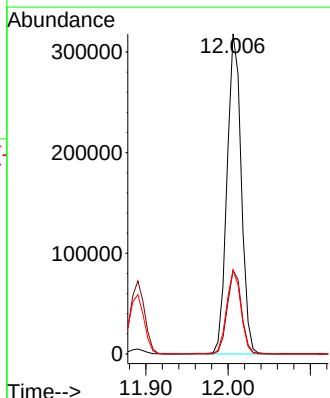
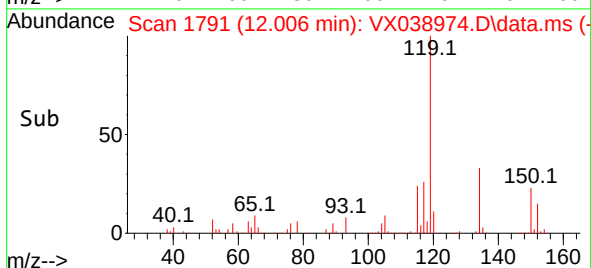
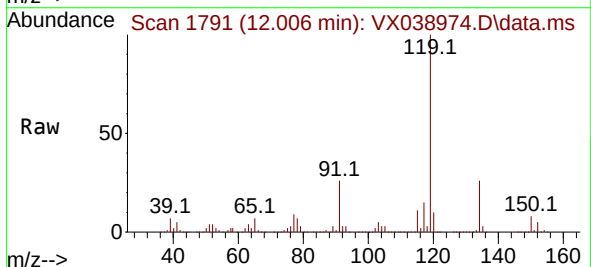
Manual Integrations
 APPROVED

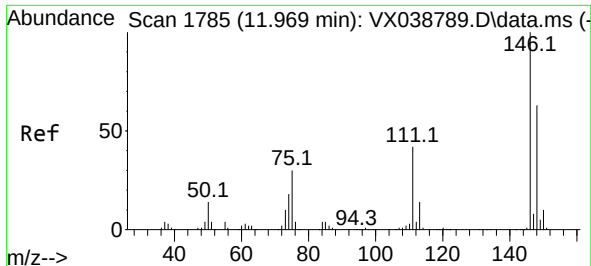
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#86
 p-Isopropyltoluene
 Concen: 52.340 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038974.D
 Acq: 21 Nov 2023 11:07

Tgt Ion:119 Resp: 382828
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.693 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 191328

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

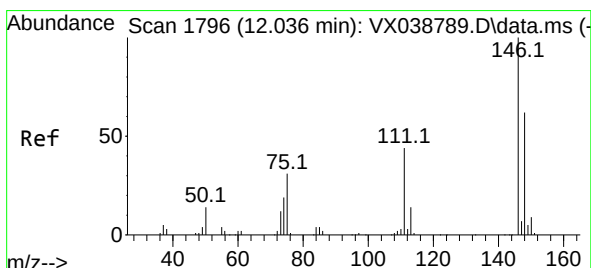
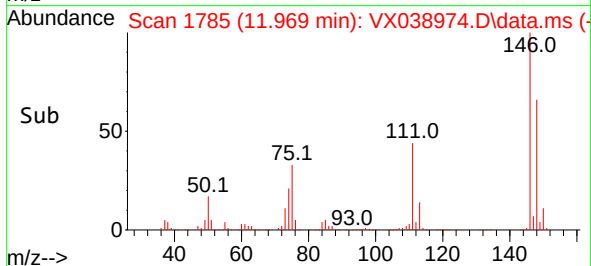
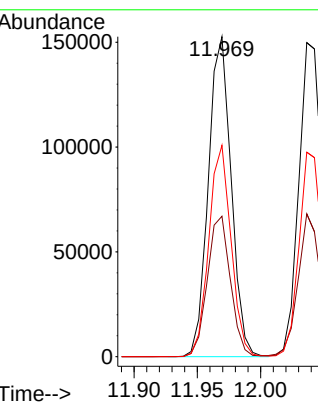
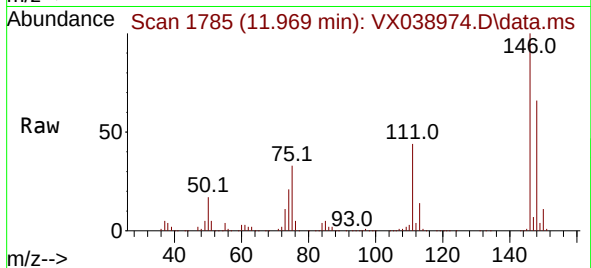
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#88

1,4-Dichlorobenzene

Concen: 50.788 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

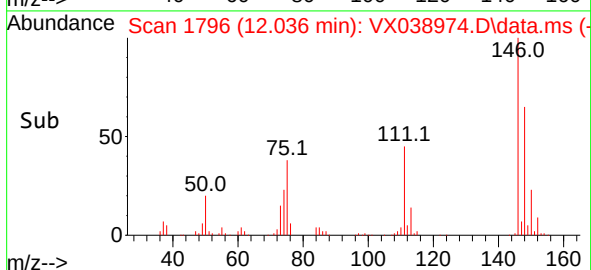
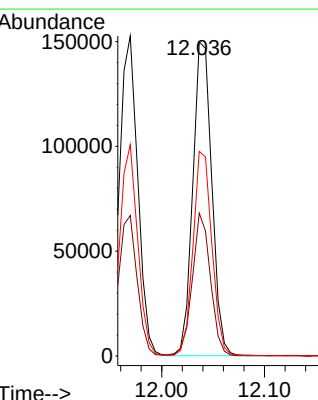
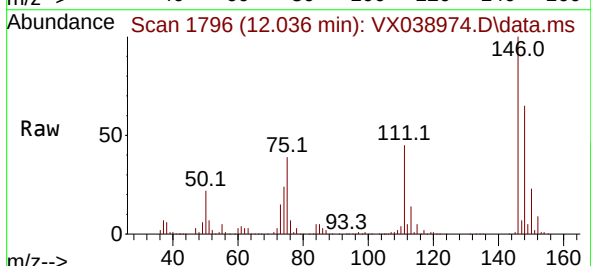
Tgt Ion:146 Resp: 192395

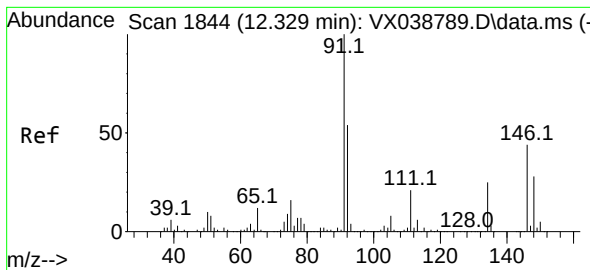
Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.7

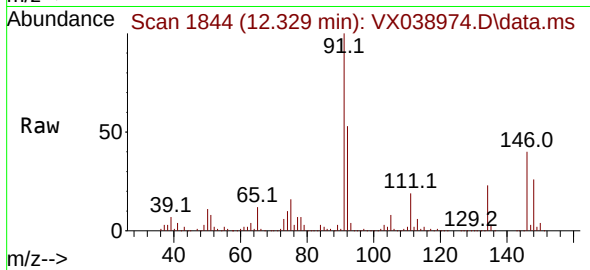
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 51.271 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

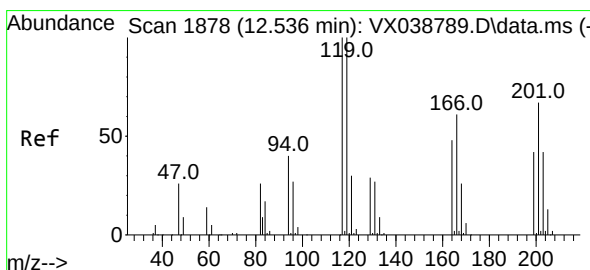
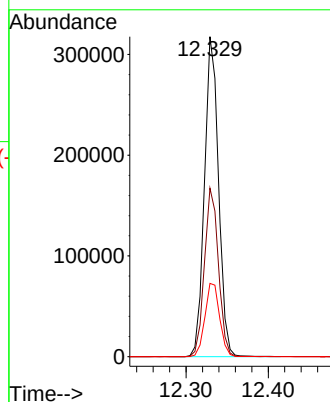
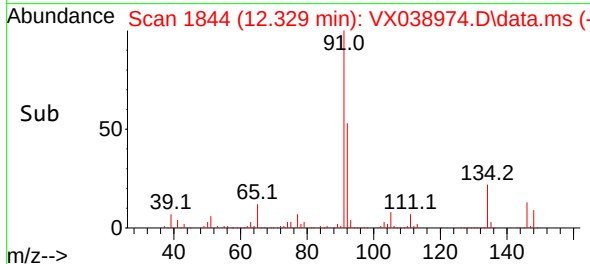
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 378358
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 24.0 12.6 37.8

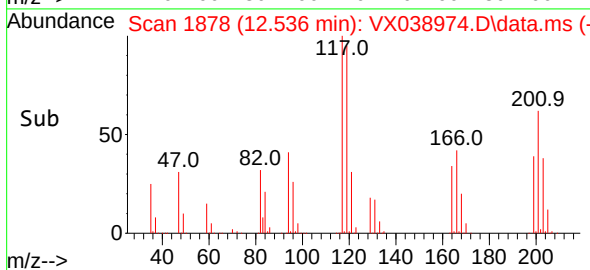
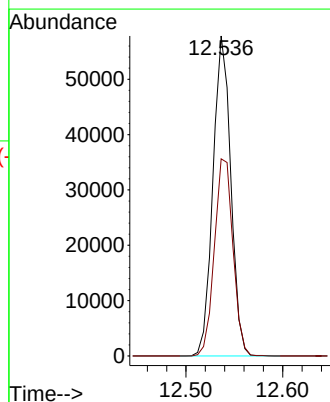
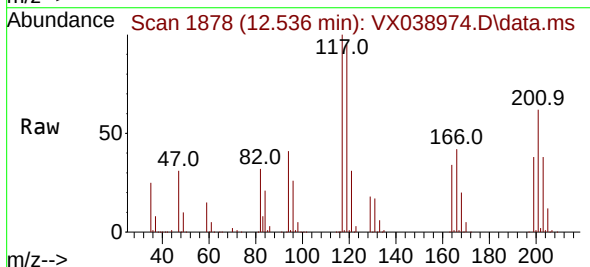
Manual Integrations
APPROVED

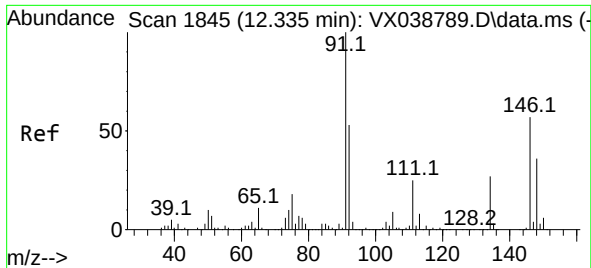
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#90
Hexachloroethane
Concen: 50.695 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

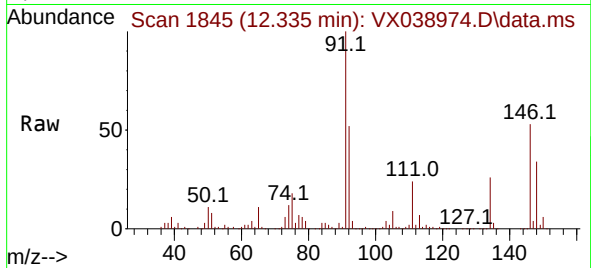
Tgt Ion:117 Resp: 74047
Ion Ratio Lower Upper
117 100
201 64.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.413 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07

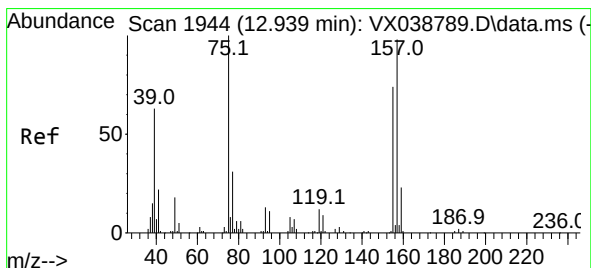
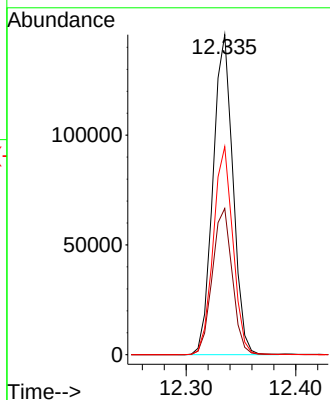
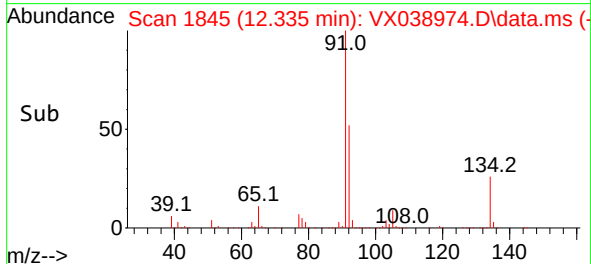
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



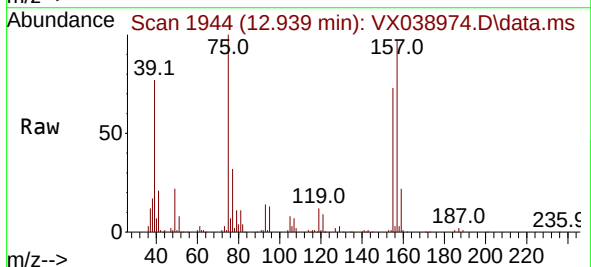
Tgt Ion:146 Resp: 183999
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
APPROVED

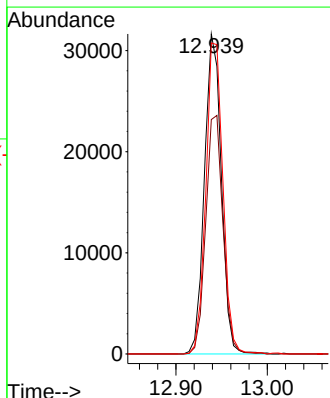
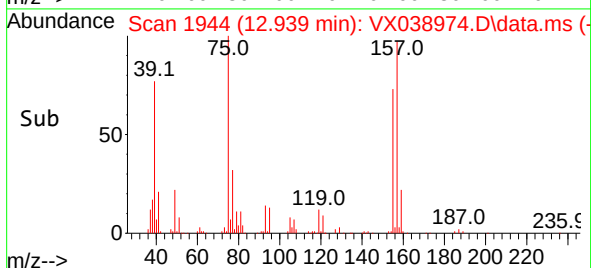
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

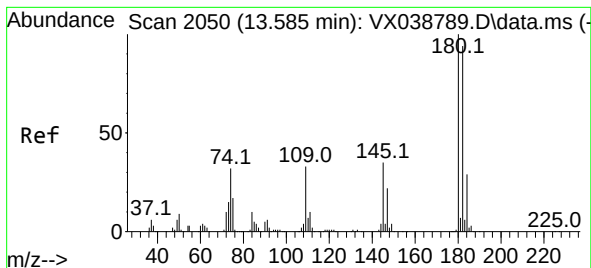


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.421 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038974.D
Acq: 21 Nov 2023 11:07



Tgt Ion: 75 Resp: 40564
Ion Ratio Lower Upper
75 100
155 76.2 36.1 108.5
157 98.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.970 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

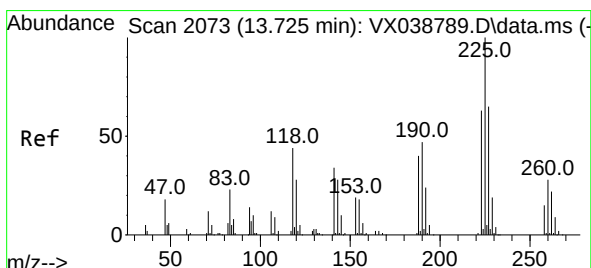
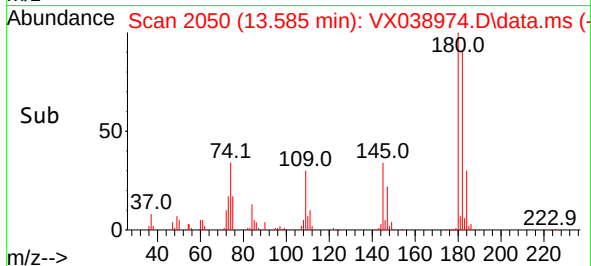
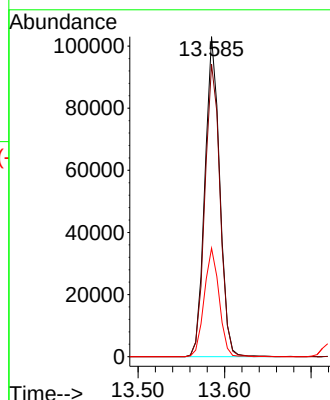
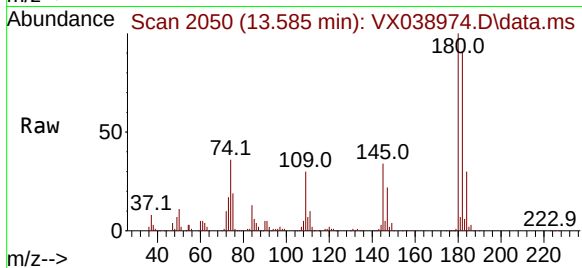
Tgt Ion:180	Resp:	122258
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.3 144.8
145	34.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#94

Hexachlorobutadiene

Concen: 53.405 ug/l

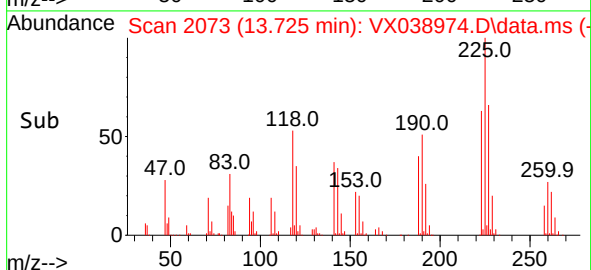
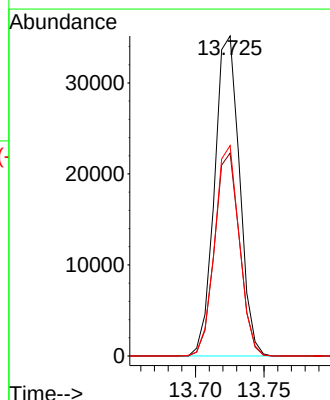
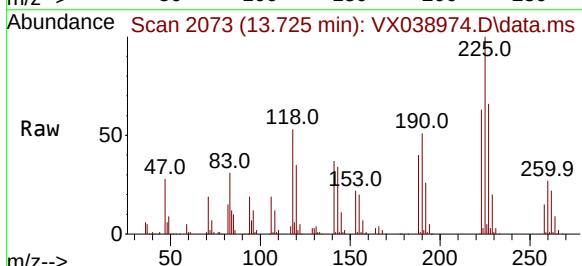
RT: 13.725 min Scan# 2073

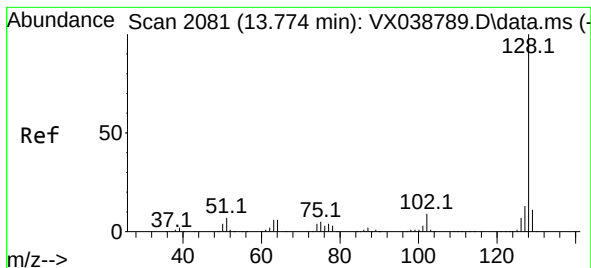
Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Tgt Ion:225	Resp:	44490
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.1 93.2
227	64.8	32.5 97.5





#95

Naphthalene

Concen: 50.245 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 440225

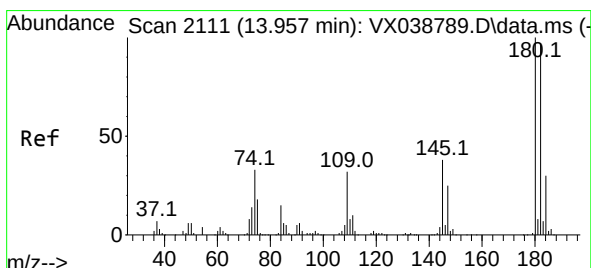
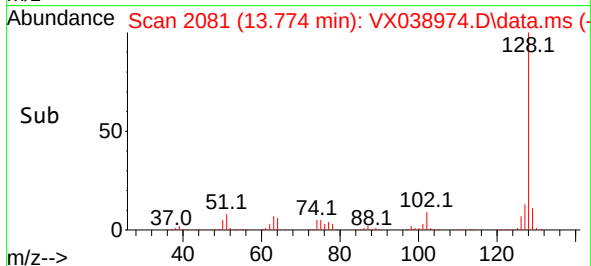
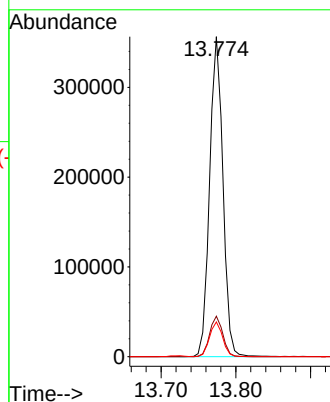
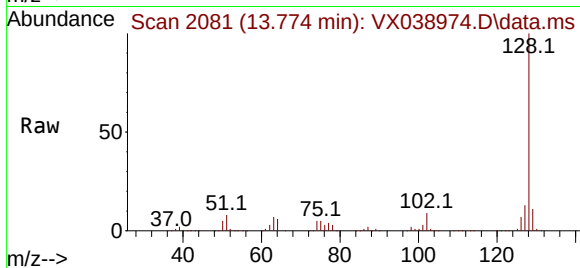
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 52.675 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038974.D

Acq: 21 Nov 2023 11:07

Tgt Ion:180 Resp: 117468

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.6
145	36.1	17.8	53.5

