

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035275.D
 Acq On : 25 Apr 2023 11:46
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 25 16:07:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:06:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	289726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	457789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173028	49.502	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.000%		
35) Dibromofluoromethane	5.385	113	141027	50.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.380%		
50) Toluene-d8	8.646	98	534138	50.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.079	95	199577	50.053	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	159377	51.988	ug/l	100
3) Chloromethane	1.294	50	136941	49.103	ug/l	98
4) Vinyl Chloride	1.373	62	138435	49.492	ug/l	100
5) Bromomethane	1.617	94	91910	49.438	ug/l	99
6) Chloroethane	1.690	64	80256	49.059	ug/l	99
7) Trichlorofluoromethane	1.885	101	211978	48.462	ug/l	99
8) Diethyl Ether	2.135	74	75427	47.295	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	142762	48.866	ug/l	96
10) Methyl Iodide	2.452	142	192998	52.344	ug/l	99
11) Tert butyl alcohol	3.025	59	164665	259.423	ug/l #	89
12) 1,1-Dichloroethene	2.318	96	136497	48.507	ug/l	99
13) Acrolein	2.239	56	158685	253.534	ug/l	100
14) Allyl chloride	2.666	41	246606	49.799	ug/l	98
15) Acrylonitrile	3.068	53	397826	249.923	ug/l	99
16) Acetone	2.398	43	366500	241.420	ug/l	96
17) Carbon Disulfide	2.513	76	342411	50.760	ug/l	99
18) Methyl Acetate	2.708	43	295964	50.416	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	480133	49.734	ug/l	99
20) Methylene Chloride	2.788	84	156192	44.871	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	148893	48.719	ug/l	98
22) Diisopropyl ether	3.757	45	486781	49.674	ug/l	95
23) Vinyl Acetate	3.720	43	1746531	259.290	ug/l	99
24) 1,1-Dichloroethane	3.611	63	274928	49.808	ug/l	99
25) 2-Butanone	4.568	43	552824	249.501	ug/l	95
26) 2,2-Dichloropropane	4.470	77	219319	50.717	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	173186	48.209	ug/l	96
28) Bromochloromethane	4.897	49	120321	51.151	ug/l	87
29) Tetrahydrofuran	5.013	42	352037	247.897	ug/l	97
30) Chloroform	5.092	83	278180	49.923	ug/l	94
31) Cyclohexane	5.470	56	247710	49.958	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	246487	50.475	ug/l	97
36) 1,1-Dichloropropene	5.690	75	209308	47.707	ug/l	98
37) Ethyl Acetate	4.714	43	208773	51.294	ug/l	97
38) Carbon Tetrachloride	5.677	117	213267	51.206	ug/l	99
39) Methylcyclohexane	7.378	83	265657	49.744	ug/l	99
40) Benzene	6.037	78	615760	48.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	117821	51.314	ug/l	97
42) 1,2-Dichloroethane	6.086	62	220856	49.217	ug/l	97
43) Isopropyl Acetate	6.336	43	342941	50.933	ug/l	96
44) Trichloroethene	7.122	130	170380	49.142	ug/l	99
45) 1,2-Dichloropropane	7.427	63	157620	49.675	ug/l	99
46) Dibromomethane	7.580	93	106836	49.031	ug/l	93
47) Bromodichloromethane	7.823	83	208070	51.828	ug/l	99
48) Methyl methacrylate	7.689	41	172434	52.208	ug/l	94
49) 1,4-Dioxane	7.720	88	79934	992.884	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	1038379	251.021	ug/l	96
52) Toluene	8.720	92	395562	49.583	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	227177	54.185	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	252959	53.379	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	157243	49.443	ug/l	94
56) Ethyl methacrylate	9.116	69	243040	51.300	ug/l	92
57) 1,3-Dichloropropane	9.311	76	267479	49.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	627275	264.798	ug/l	95
59) 2-Hexanone	9.433	43	795329	255.928	ug/l	95
60) Dibromochloromethane	9.518	129	162320	53.270	ug/l	100
61) 1,2-Dibromoethane	9.610	107	165596	50.509	ug/l	100
64) Tetrachloroethene	9.274	164	148880	47.422	ug/l	99
65) Chlorobenzene	10.079	112	422158	47.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	155694	50.431	ug/l	98
67) Ethyl Benzene	10.195	91	760033	49.473	ug/l	99
68) m/p-Xylenes	10.299	106	581988	98.866	ug/l	98
69) o-Xylene	10.640	106	285748	49.502	ug/l	99
70) Styrene	10.652	104	473364	50.577	ug/l	98
71) Bromoform	10.798	173	114224	53.191	ug/l #	99
73) Isopropylbenzene	10.963	105	743899	49.289	ug/l	100
74) N-amyl acetate	10.841	43	296811	52.330	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	227468	48.558	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	188187m	47.840	ug/l	
77) Bromobenzene	11.195	156	185633	49.480	ug/l	92
78) n-propylbenzene	11.304	91	858377	49.521	ug/l	99
79) 2-Chlorotoluene	11.365	91	521318	48.130	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	637182	50.070	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	66204	52.062	ug/l	99
82) 4-Chlorotoluene	11.451	91	590494	48.539	ug/l	97
83) tert-Butylbenzene	11.713	119	620530	48.598	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	636157	49.751	ug/l	100
85) sec-Butylbenzene	11.890	105	780555	49.836	ug/l	100
86) p-Isopropyltoluene	12.006	119	669103	50.230	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	345828	48.505	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	347115	46.435	ug/l	98
89) n-Butylbenzene	12.335	91	570103	50.698	ug/l	98
90) Hexachloroethane	12.536	117	108016	52.971	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	336871	47.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	49219	52.398	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	218408	48.727	ug/l	98
94) Hexachlorobutadiene	13.725	225	93443	47.501	ug/l	98
95) Naphthalene	13.774	128	699327	50.680	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215930	47.855	ug/l	99

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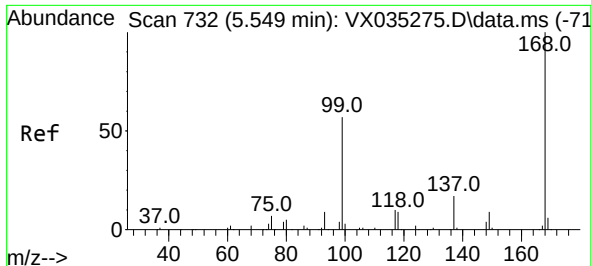
Manual Integrations
APPROVED

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Response via : Initial Calibration

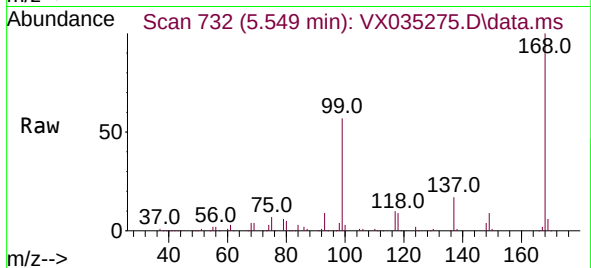
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
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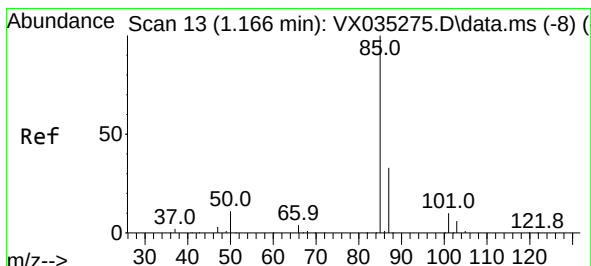
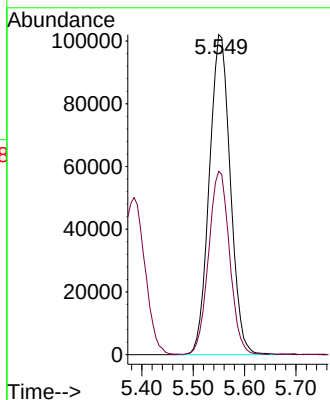
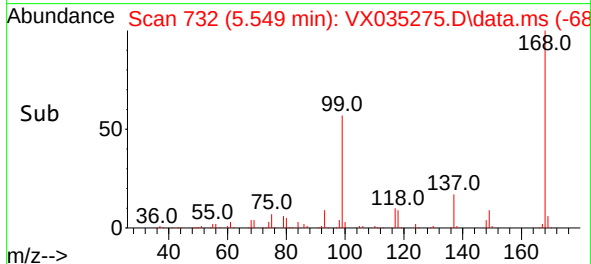
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 289720
Ion Ratio Lower Upper
168 100
99 57.2 45.7 68.5

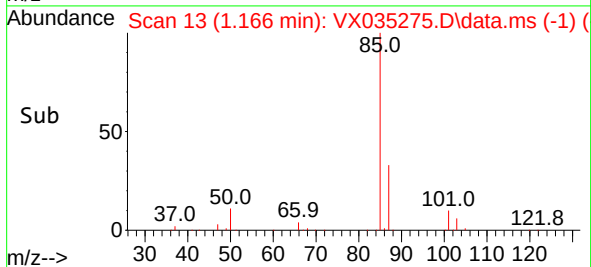
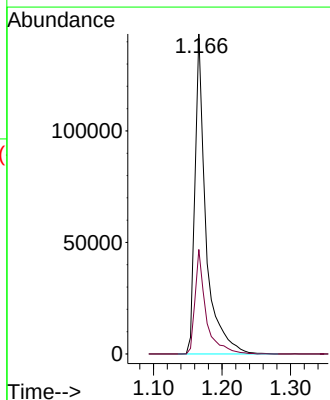
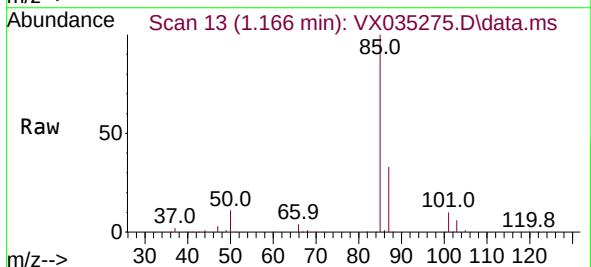
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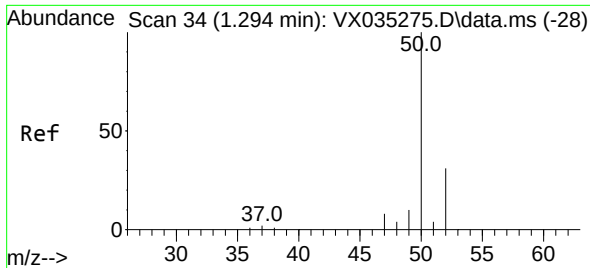
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 51.988 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

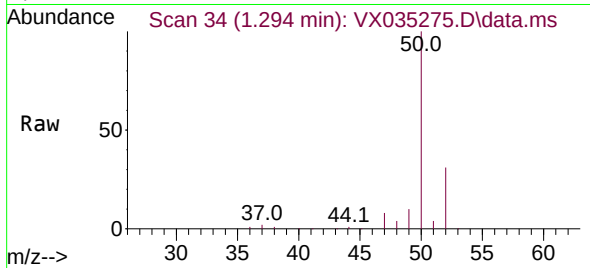
Tgt Ion: 85 Resp: 159377
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





#3
Chloromethane
Concen: 49.103 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

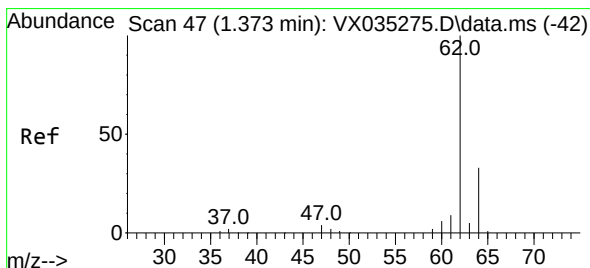
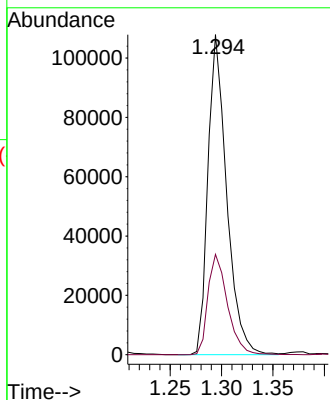
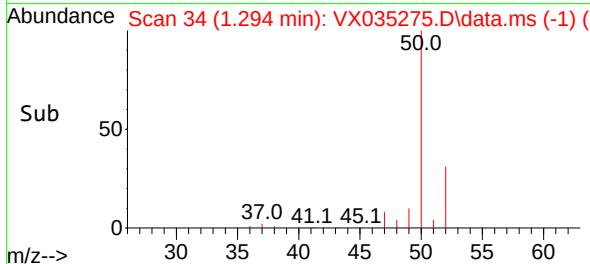
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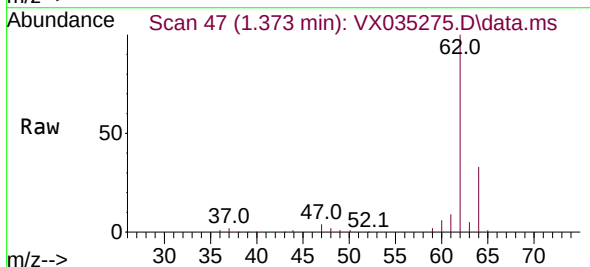
Tgt Ion: 50 Resp: 13694
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9

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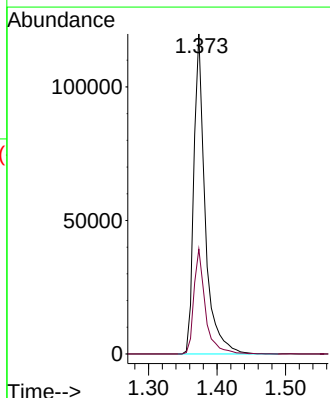
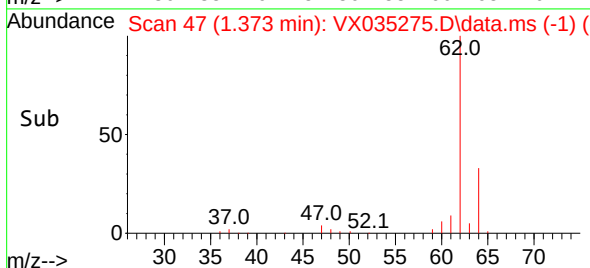
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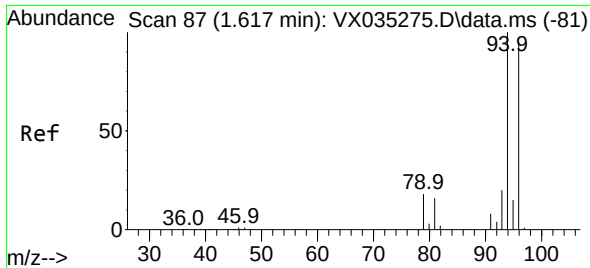


#4
Vinyl Chloride
Concen: 49.492 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



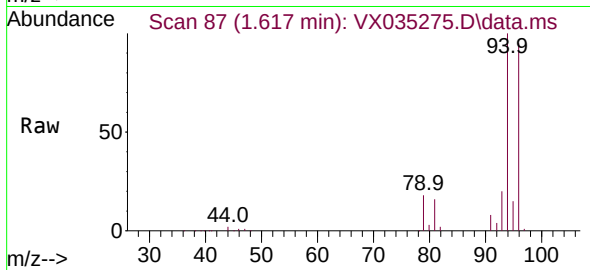
Tgt Ion: 62 Resp: 138435
Ion Ratio Lower Upper
62 100
64 32.8 26.4 39.6





#5
Bromomethane
Concen: 49.438 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035275.D
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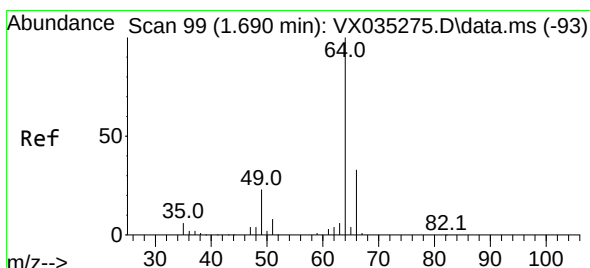
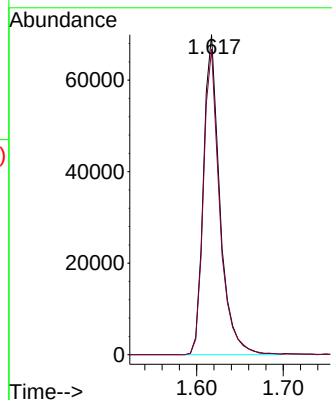
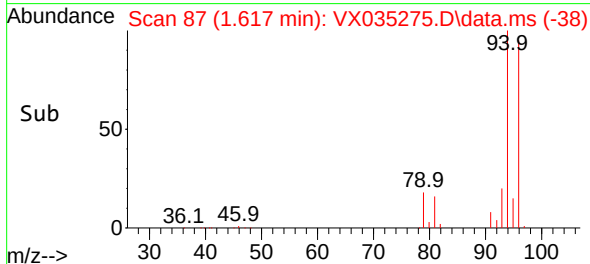
Instrument :
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Tgt Ion: 94 Resp: 91910
Ion Ratio Lower Upper
94 100
96 95.5 77.0 115.6

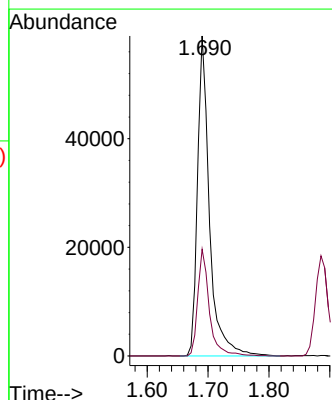
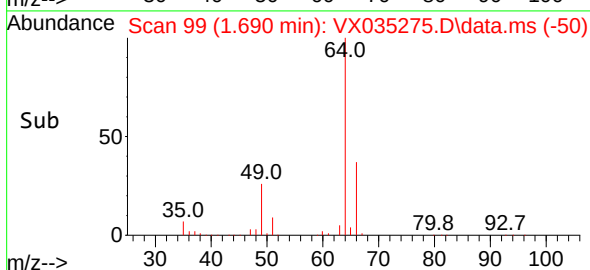
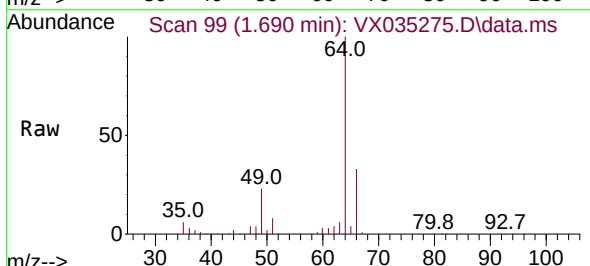
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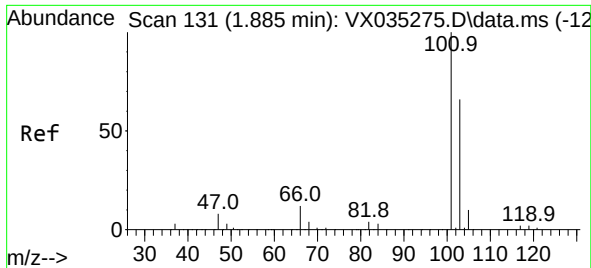
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#6
Chloroethane
Concen: 49.059 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035275.D
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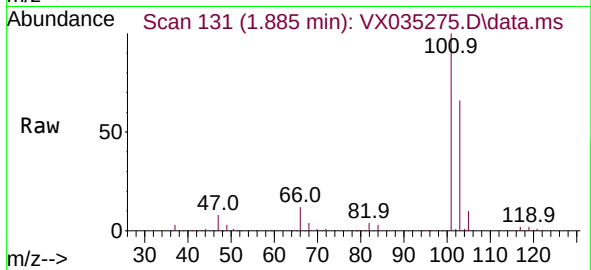
Tgt Ion: 64 Resp: 80256
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.462 ug/l
RT: 1.885 min Scan# 131
Delta R.T. 0.000 min
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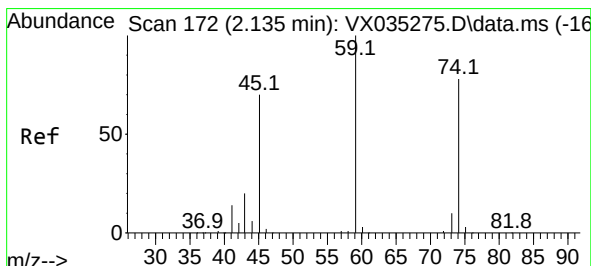
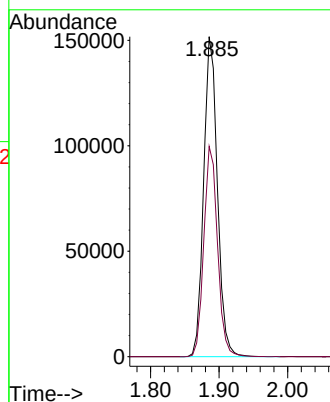
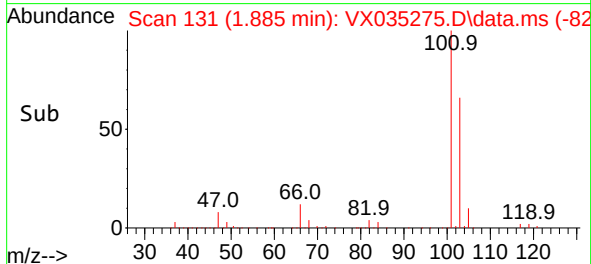
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 211978
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

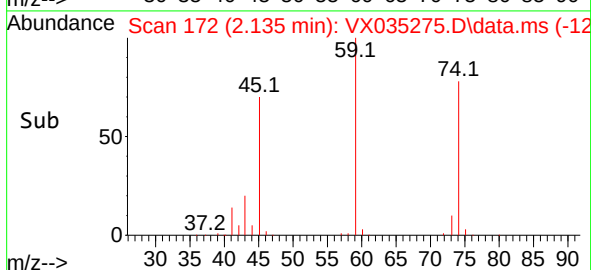
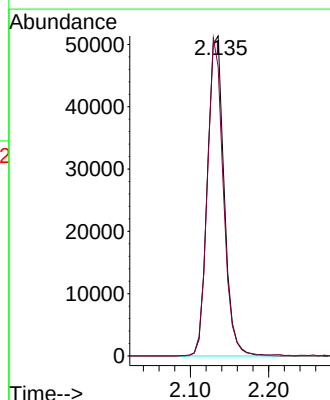
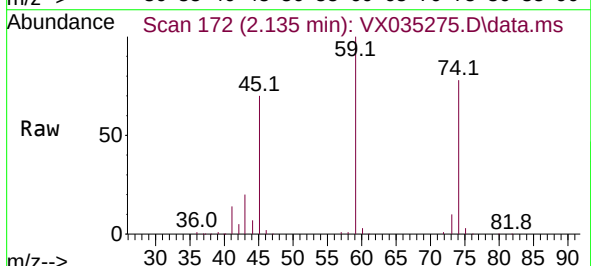
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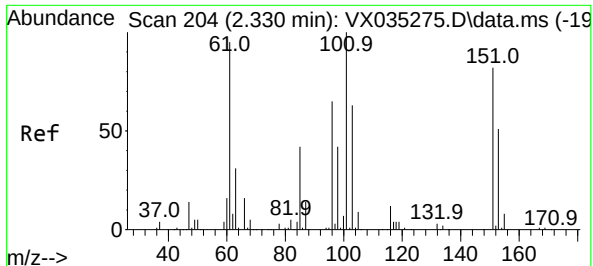
Reviewed By :John Carlone 04/25/2023
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#8
Diethyl Ether
Concen: 47.295 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 75427
Ion Ratio Lower Upper
74 100
45 95.8 49.8 149.3





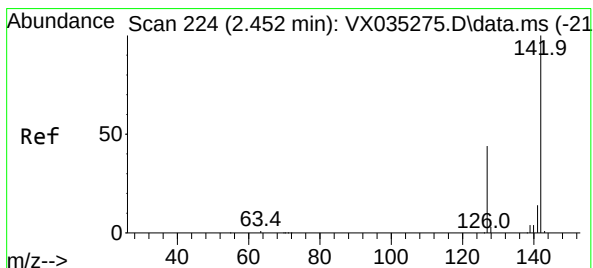
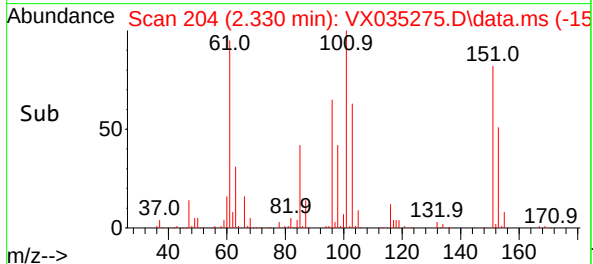
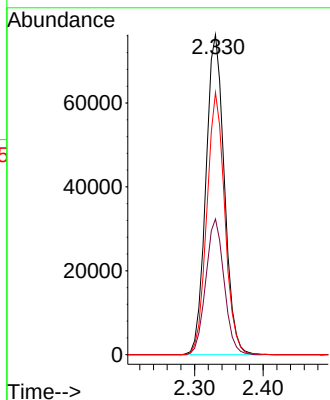
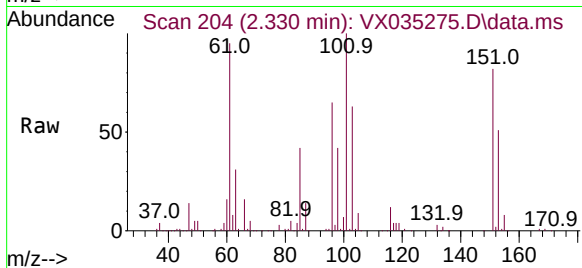
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.866 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 142762
Ion Ratio Lower Upper
101 100
85 42.1 35.4 53.2
151 79.7 60.2 90.4

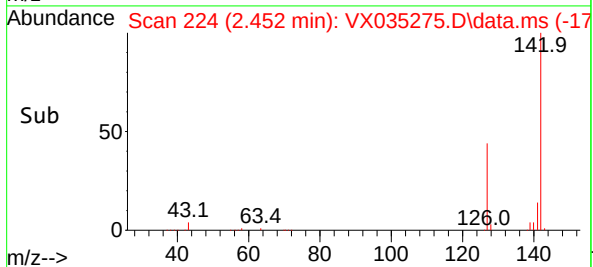
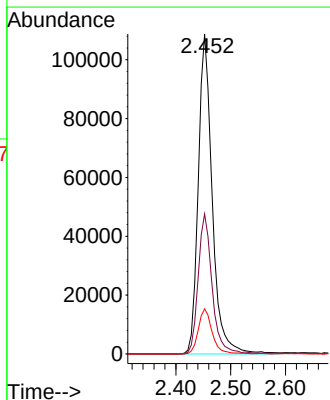
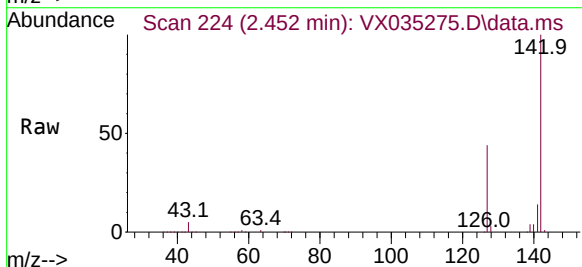
Manual Integrations
APPROVED

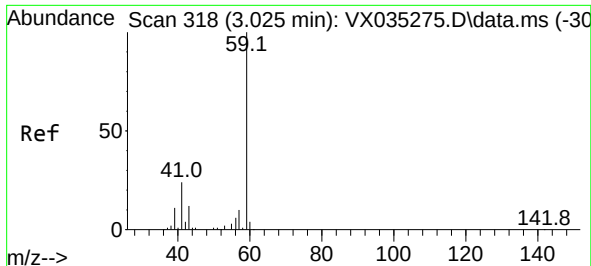
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 52.344 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

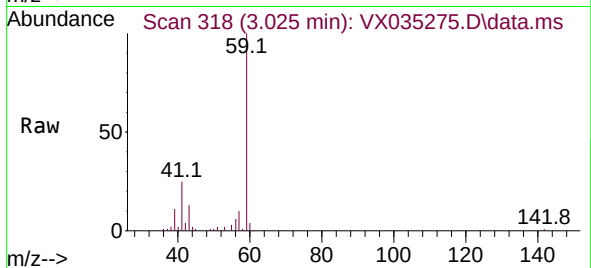
Tgt Ion:142 Resp: 192998
Ion Ratio Lower Upper
142 100
127 43.7 34.0 51.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 259.423 ug/l
RT: 3.025 min Scan# 318
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

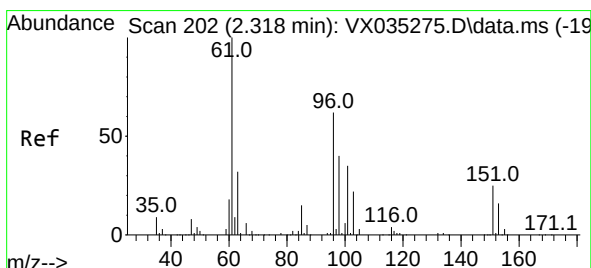
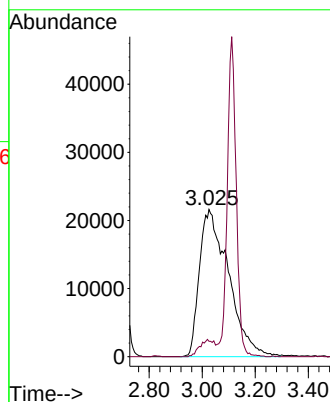
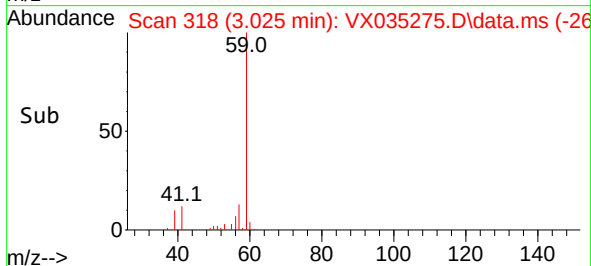
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



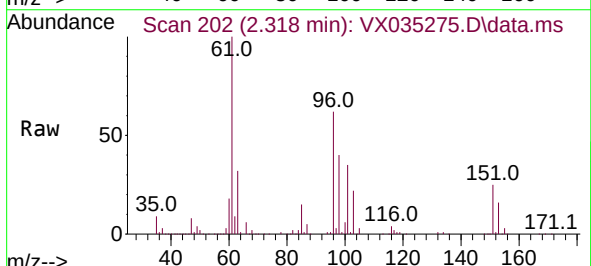
Tgt Ion: 59 Resp: 16466
Ion Ratio Lower Upper
59 100
57 6.1 8.1 12.1

Manual Integrations
APPROVED

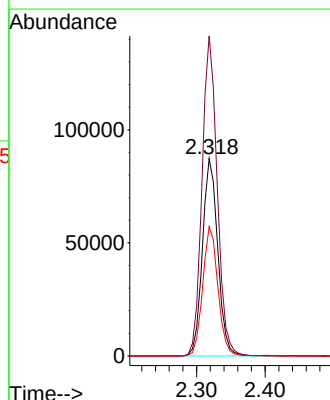
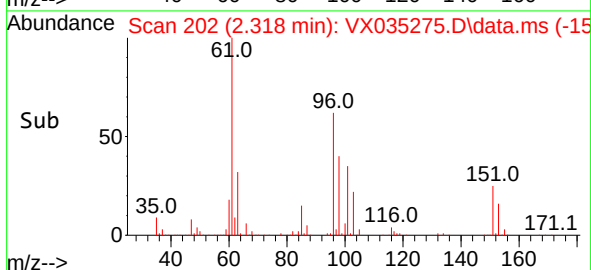
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

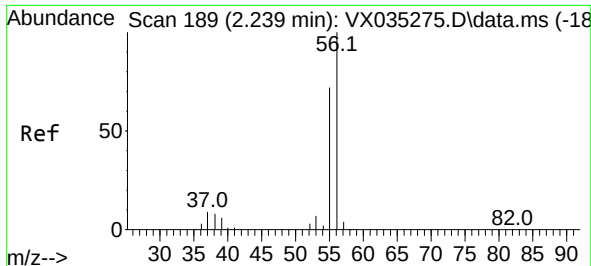


#12
1,1-Dichloroethene
Concen: 48.507 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



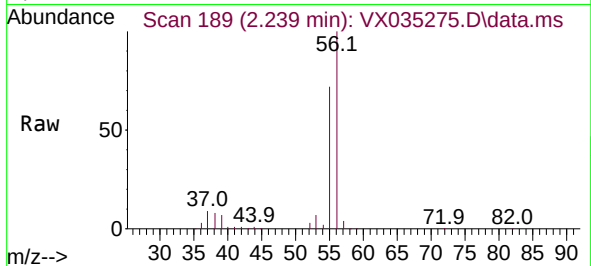
Tgt Ion: 96 Resp: 136497
Ion Ratio Lower Upper
96 100
61 162.1 128.8 193.2
98 65.6 51.4 77.0





#13
Acrolein
Concen: 253.534 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

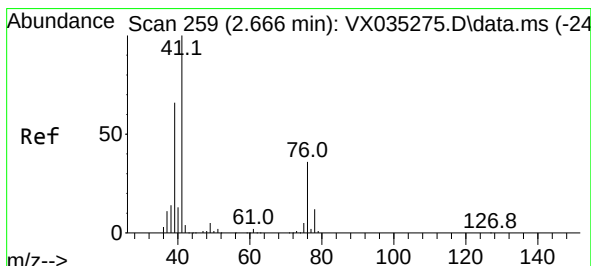
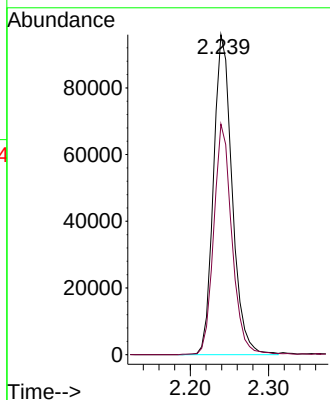
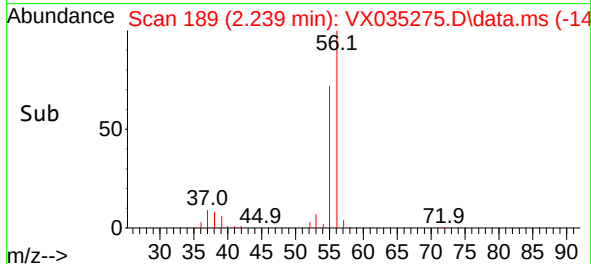
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 158685
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

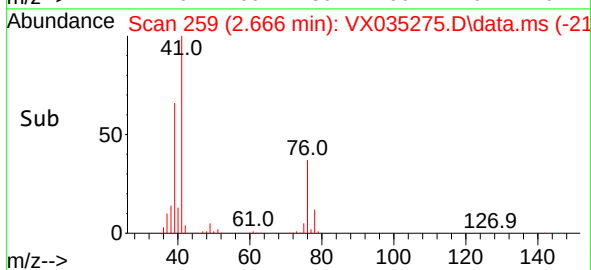
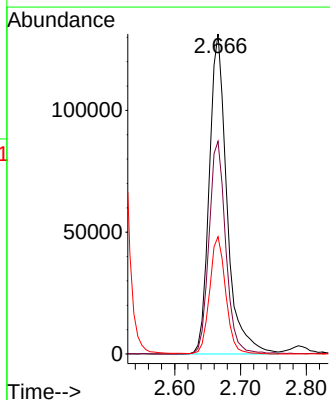
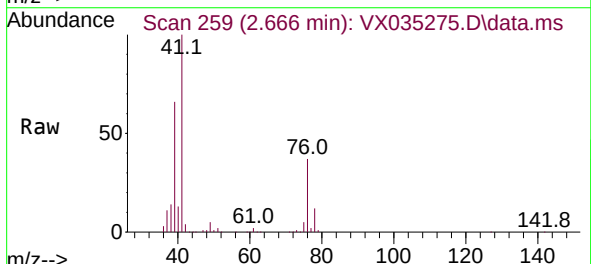
Manual Integrations
APPROVED

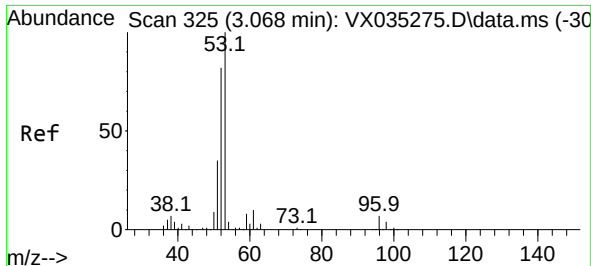
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 49.799 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

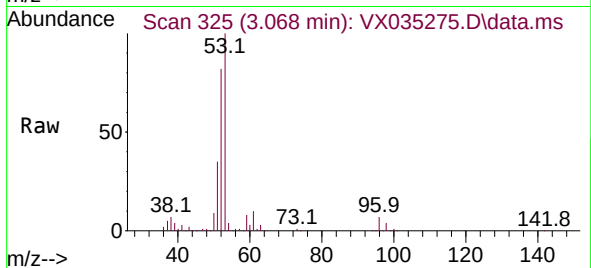
Tgt Ion: 41 Resp: 246606
Ion Ratio Lower Upper
41 100
39 63.1 52.4 78.6
76 33.3 26.0 39.0





#15
Acrylonitrile
Concen: 249.923 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

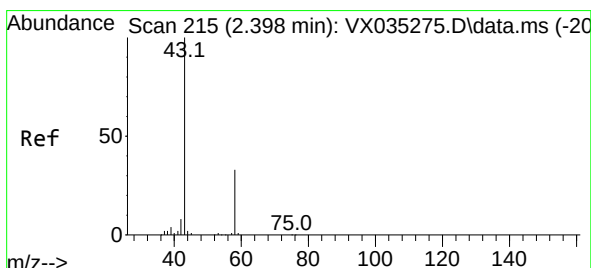
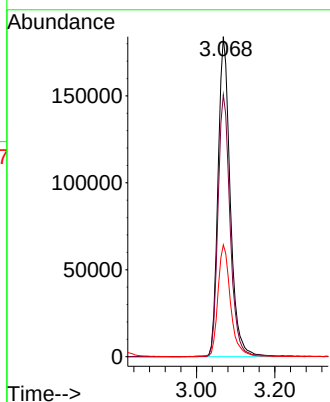
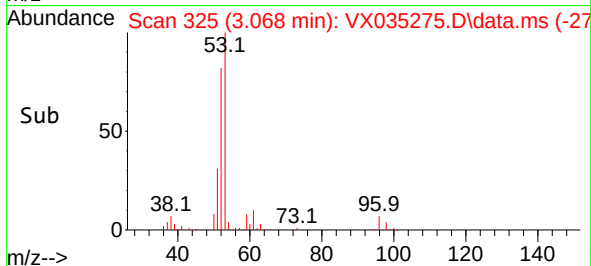
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



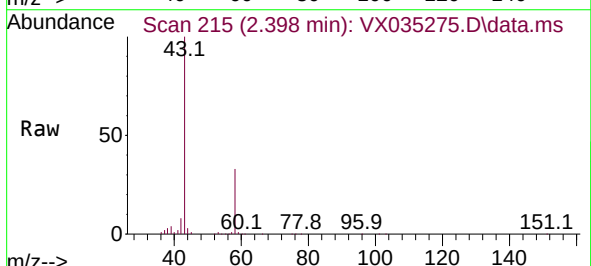
Tgt Ion: 53 Resp: 397820
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.2
51 35.8 28.3 42.5

Manual Integrations
APPROVED

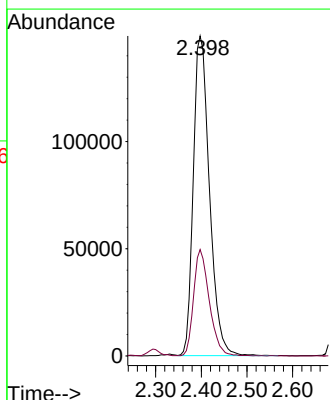
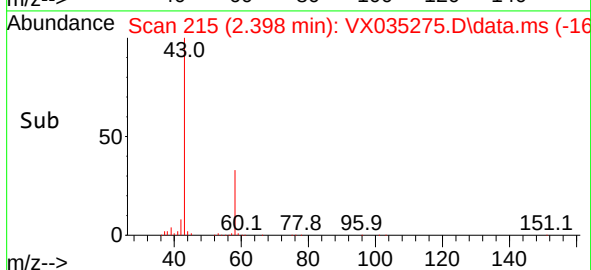
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

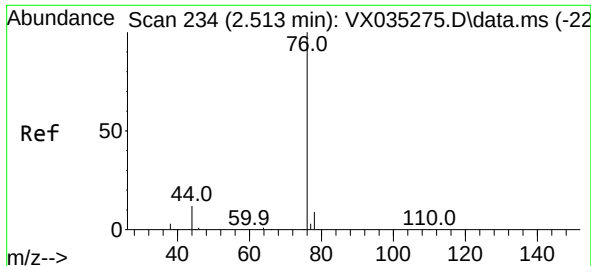


#16
Acetone
Concen: 241.420 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



Tgt Ion: 43 Resp: 366500
Ion Ratio Lower Upper
43 100
58 33.2 24.7 37.1





#17

Carbon Disulfide

Concen: 50.760 ug/l

RT: 2.513 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 34241

Ion Ratio Lower Upper

76 100

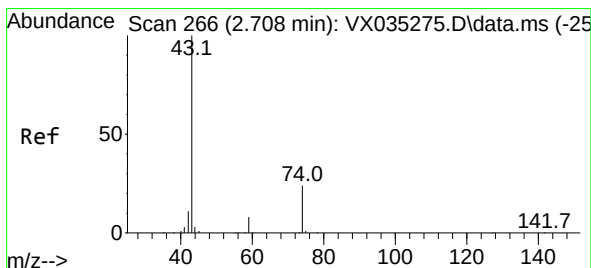
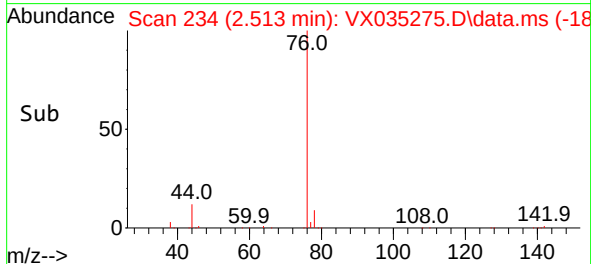
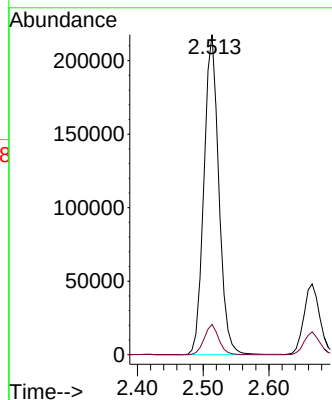
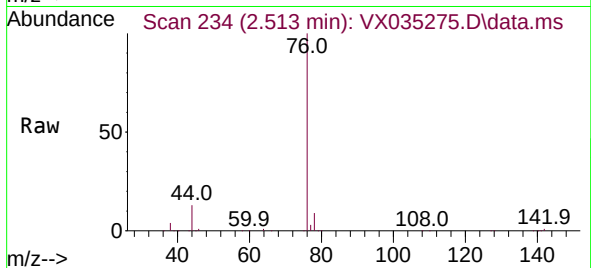
78 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#18

Methyl Acetate

Concen: 50.416 ug/l

RT: 2.708 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX035275.D

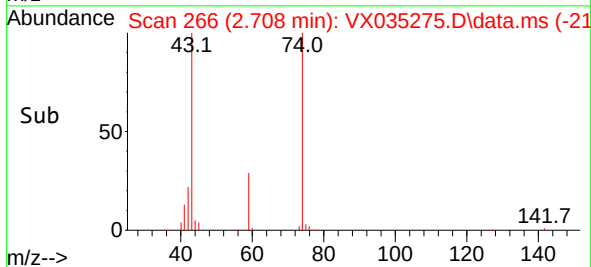
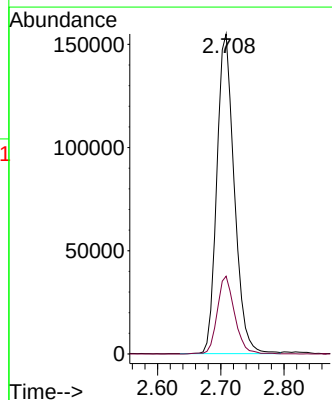
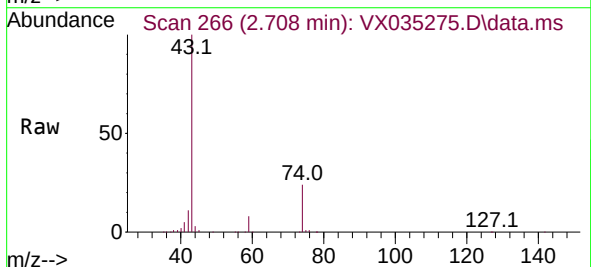
Acq: 25 Apr 2023 11:46

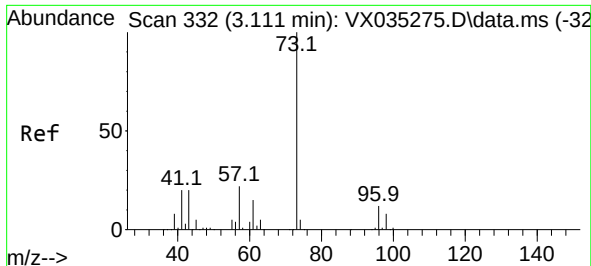
Tgt Ion: 43 Resp: 295964

Ion Ratio Lower Upper

43 100

74 24.3 18.3 27.5





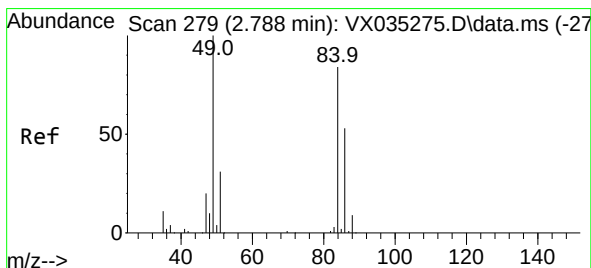
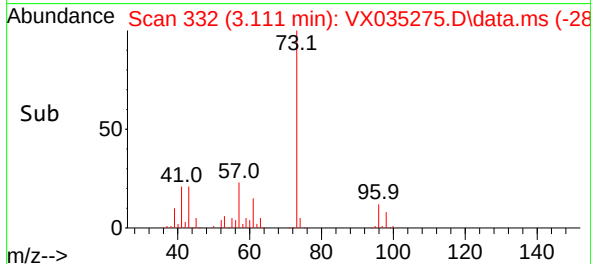
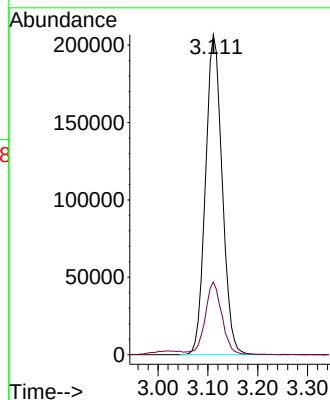
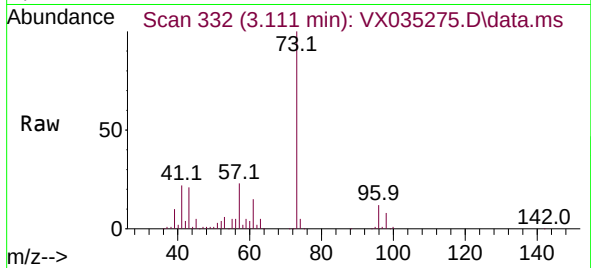
#19
Methyl tert-butyl Ether
Concen: 49.734 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 48013
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7

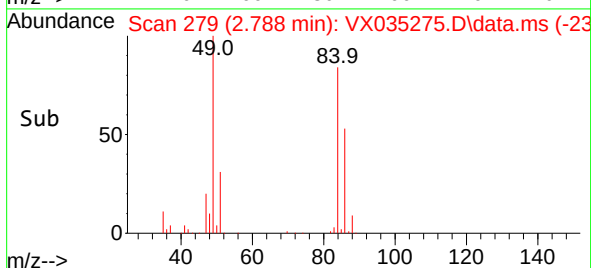
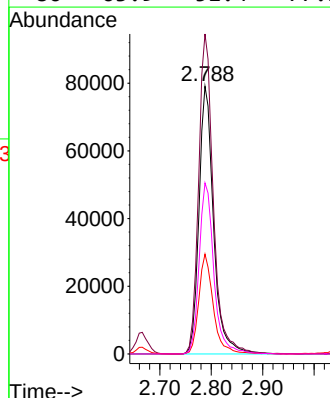
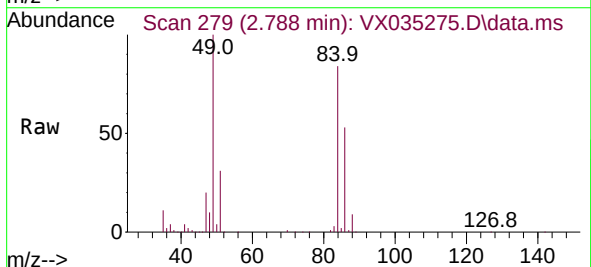
Manual Integrations
APPROVED

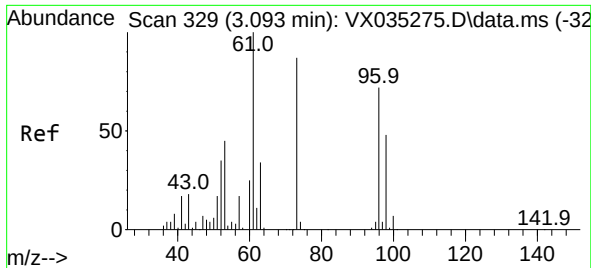
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 44.871 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

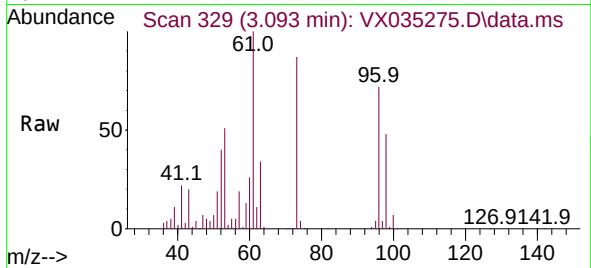
Tgt Ion: 84 Resp: 156192
Ion Ratio Lower Upper
84 100
49 119.5 103.8 155.8
51 37.3 31.8 47.8
86 63.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.719 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

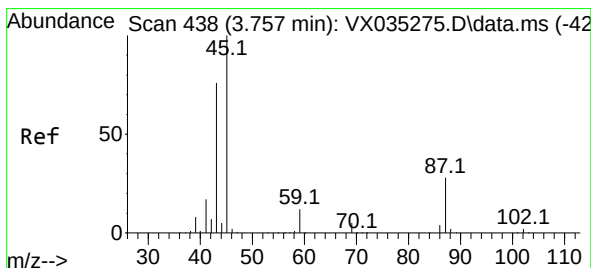
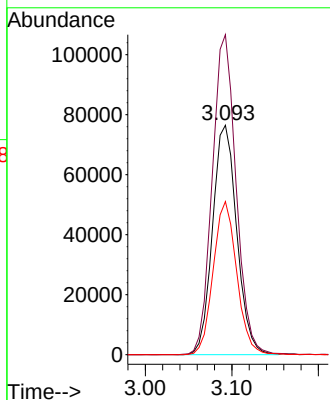
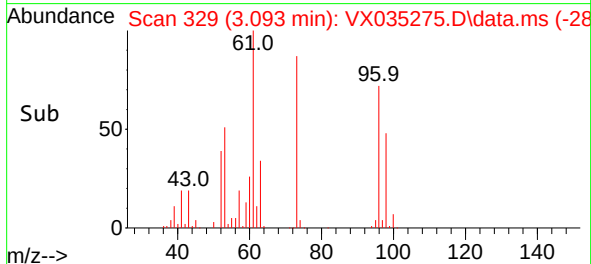
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 14889
Ion Ratio Lower Upper
96 100
61 139.5 113.0 169.6
98 66.8 52.1 78.1

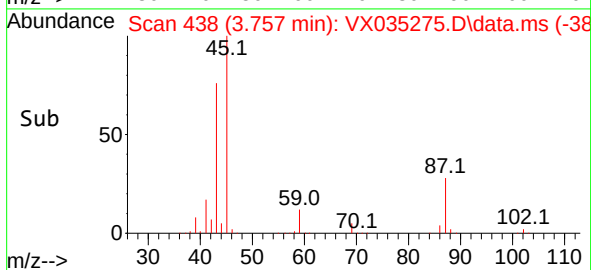
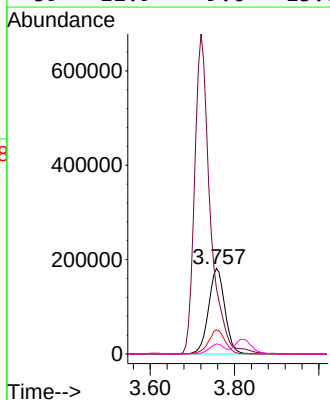
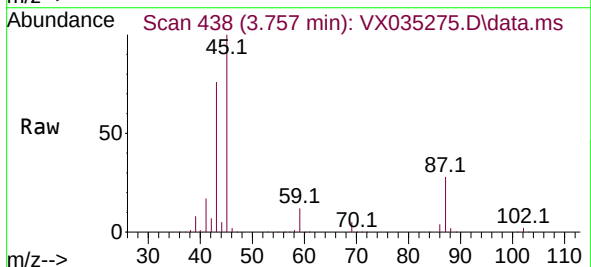
Manual Integrations
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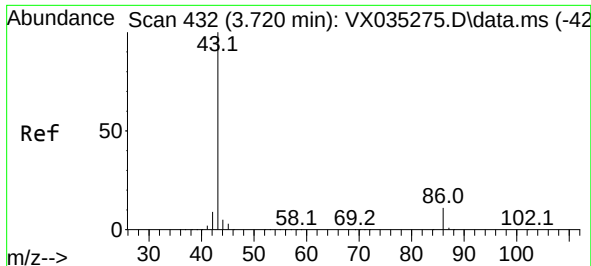
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 49.674 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 45 Resp: 486781
Ion Ratio Lower Upper
45 100
43 76.4 65.4 98.2
87 28.3 20.6 31.0
59 11.9 9.0 13.6





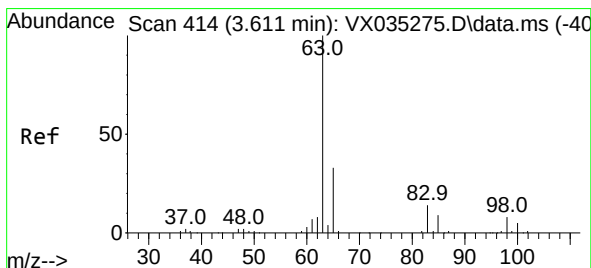
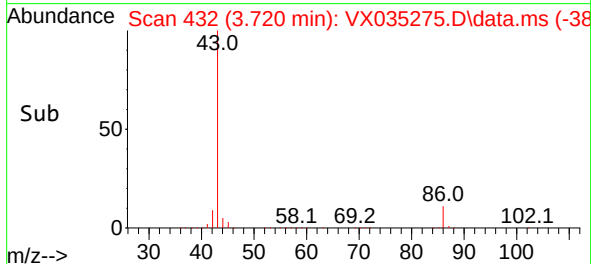
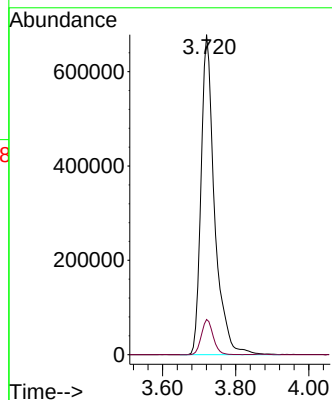
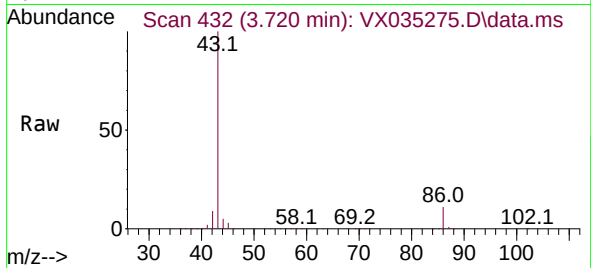
#23
 Vinyl Acetate
 Concen: 259.290 ug/l
 RT: 3.720 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX035275.D
 Acq: 25 Apr 2023 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 174653
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7

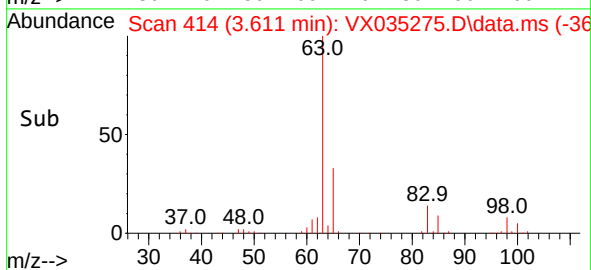
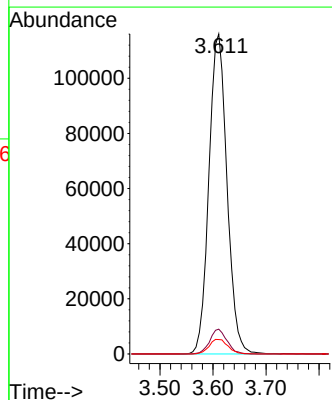
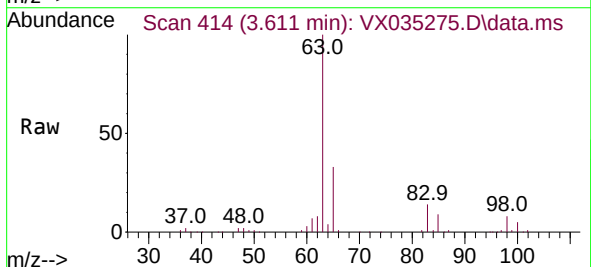
Manual Integrations
 APPROVED

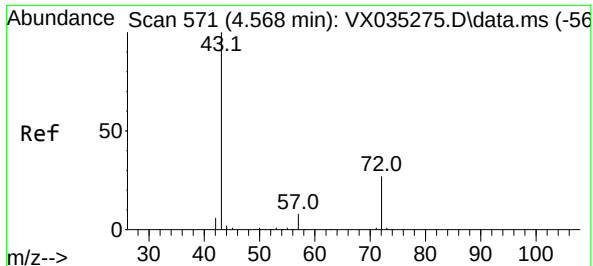
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#24
 1,1-Dichloroethane
 Concen: 49.808 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035275.D
 Acq: 25 Apr 2023 11:46

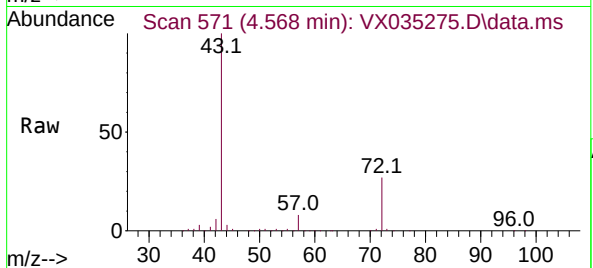
Tgt Ion: 63 Resp: 274928
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.5 2.4 7.1





#25
2-Butanone
Concen: 249.501 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

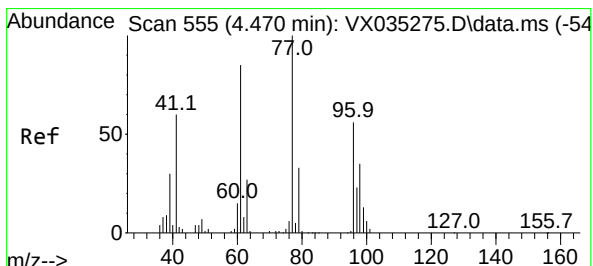
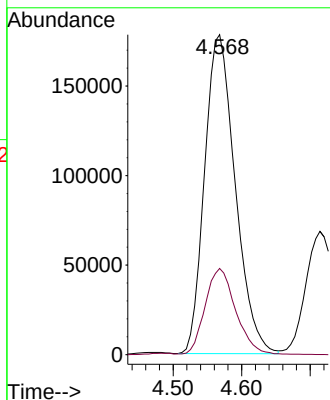
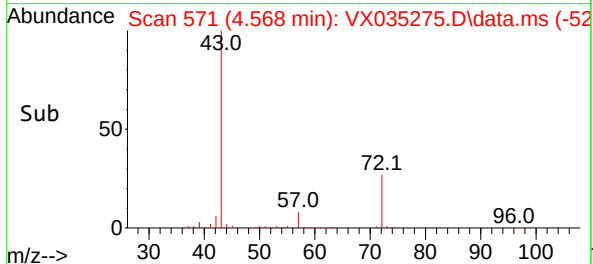
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



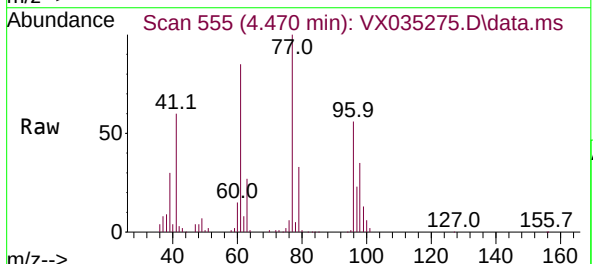
Tgt Ion: 43 Resp: 552824
Ion Ratio Lower Upper
43 100
72 26.7 19.3 28.9

Manual Integrations
APPROVED

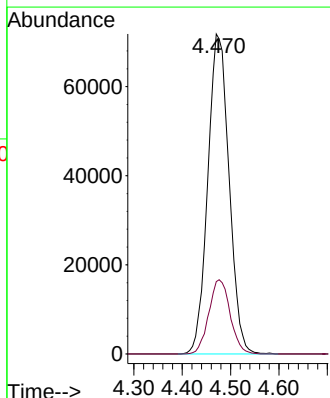
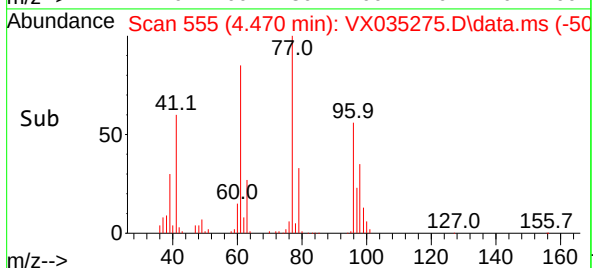
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

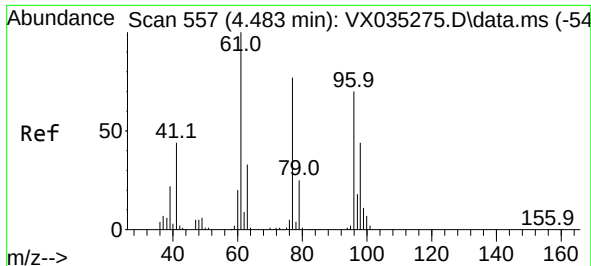


#26
2,2-Dichloropropane
Concen: 50.717 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



Tgt Ion: 77 Resp: 219319
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.209 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 173180

Ion Ratio Lower Upper

96 100

61 142.9 0.0 300.4

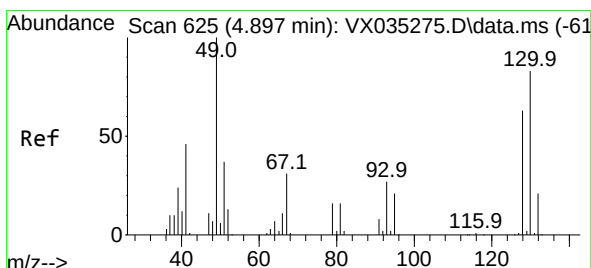
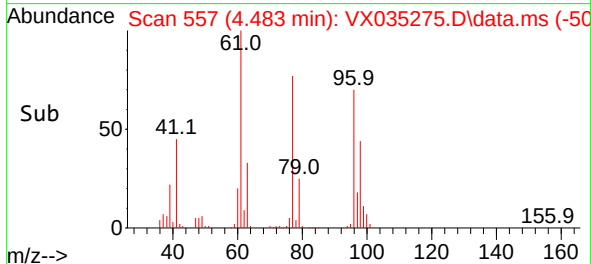
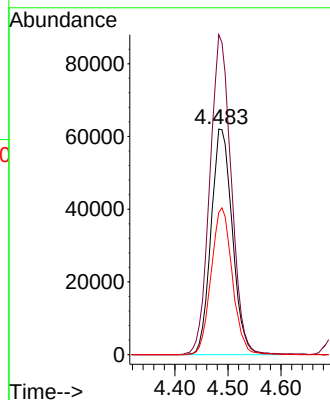
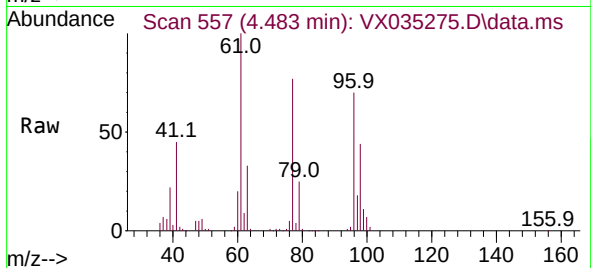
98 64.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 51.151 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

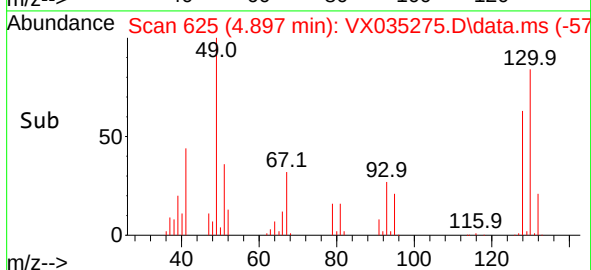
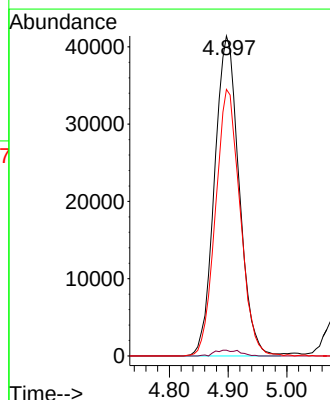
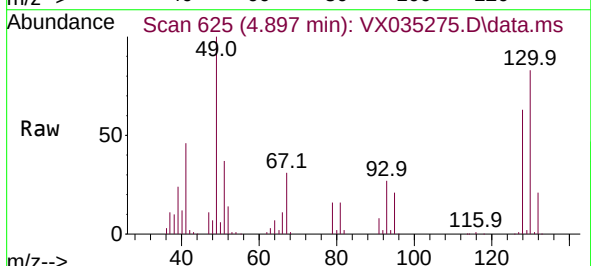
Tgt Ion: 49 Resp: 120321

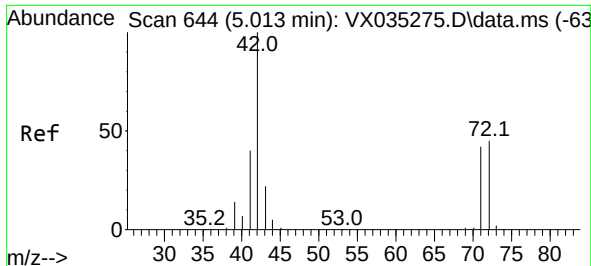
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 83.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 247.897 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035275.D

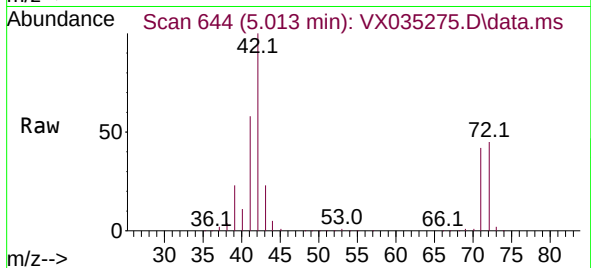
Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



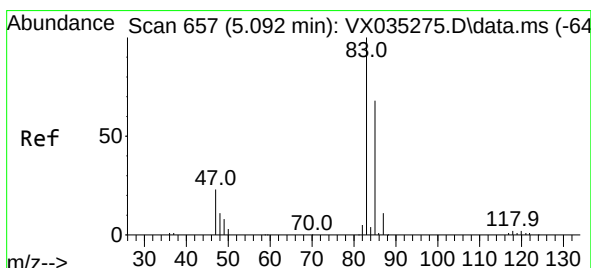
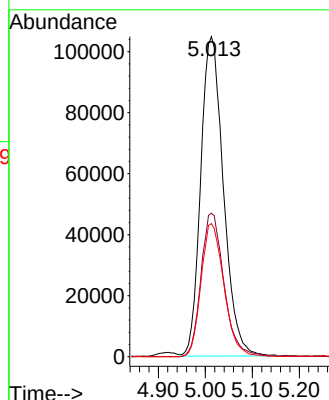
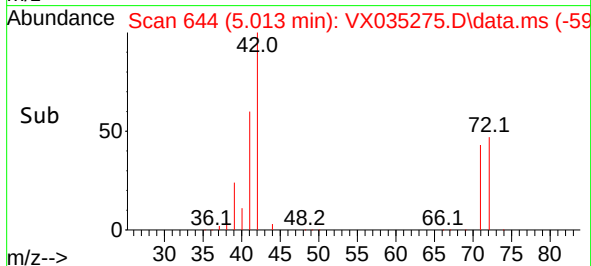
Tgt Ion:	42	Resp:	35203
Ion	Ratio	Lower	Upper
42	100		
72	45.4	34.5	51.7
71	42.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 49.923 ug/l

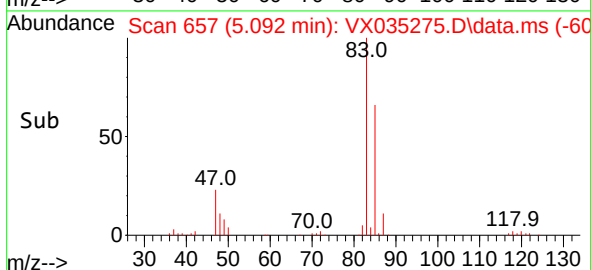
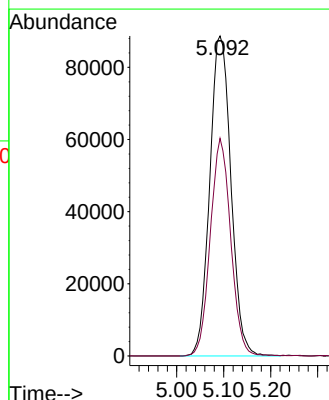
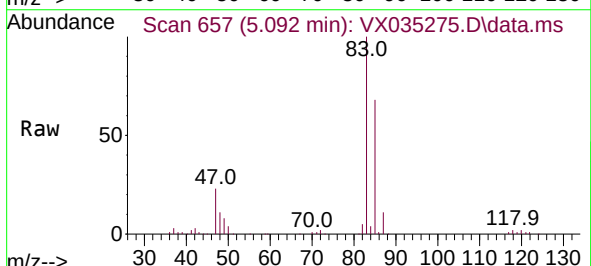
RT: 5.092 min Scan# 657

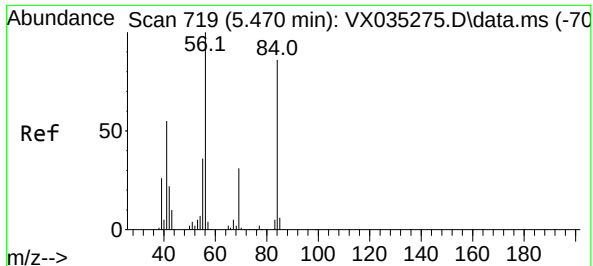
Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

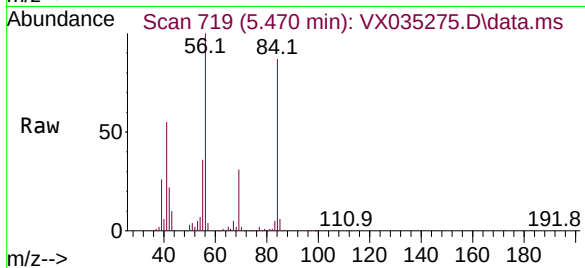
Tgt Ion:	83	Resp:	278180
Ion	Ratio	Lower	Upper
83	100		
85	68.0	50.6	76.0





#31
Cyclohexane
Concen: 49.958 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

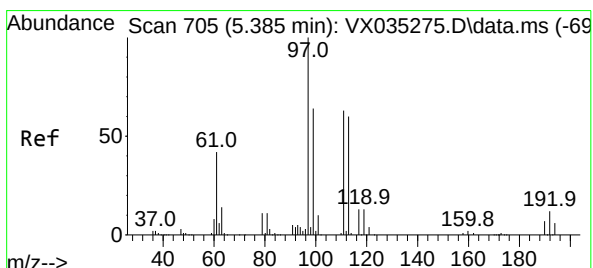
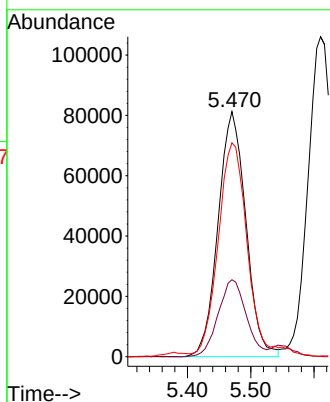
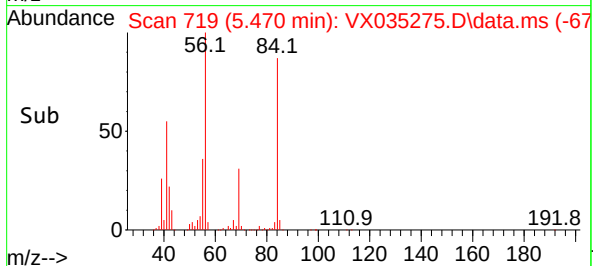
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



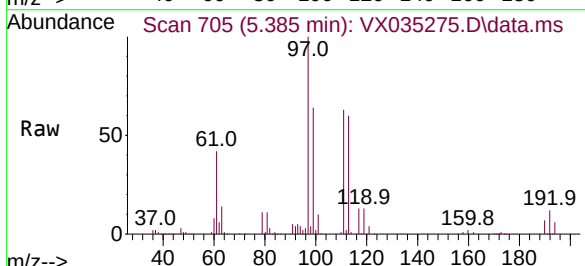
Tgt Ion: 56 Resp: 247710
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 85.9 68.5 102.7

Manual Integrations
APPROVED

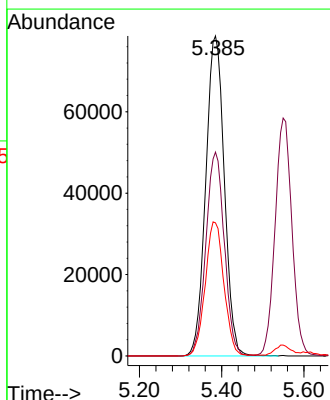
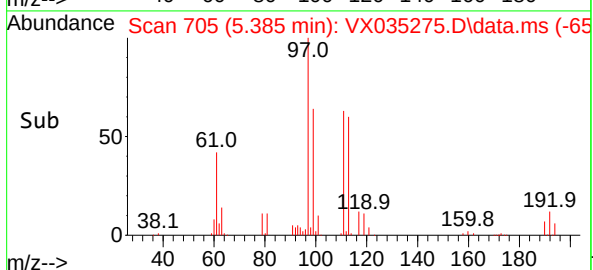
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

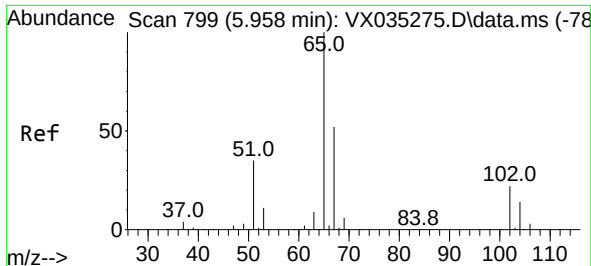


#32
1,1,1-Trichloroethane
Concen: 50.475 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



Tgt Ion: 97 Resp: 246487
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 42.1 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.502 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 173028

Ion Ratio Lower Upper

65 100

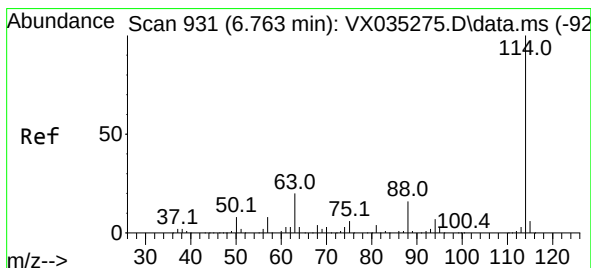
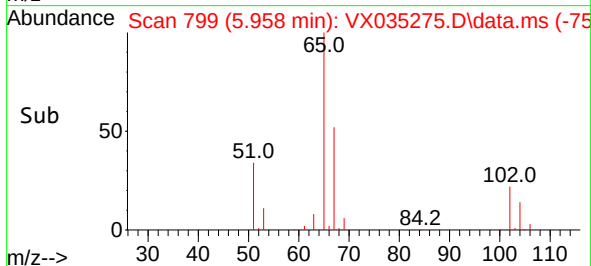
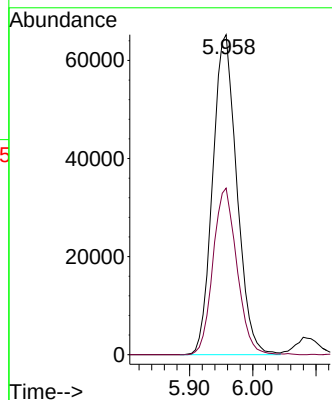
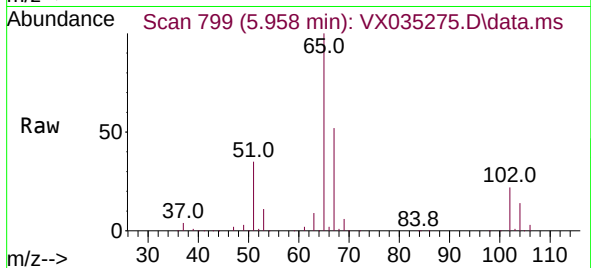
67 51.4 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

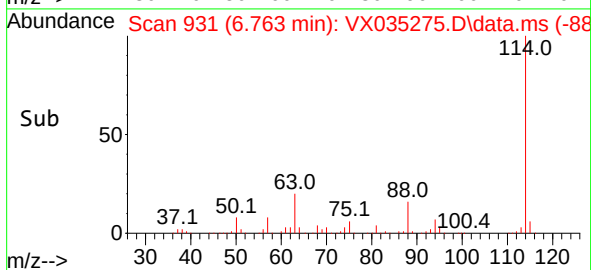
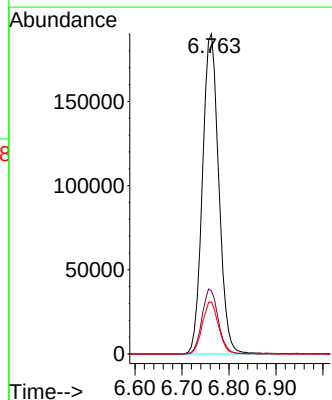
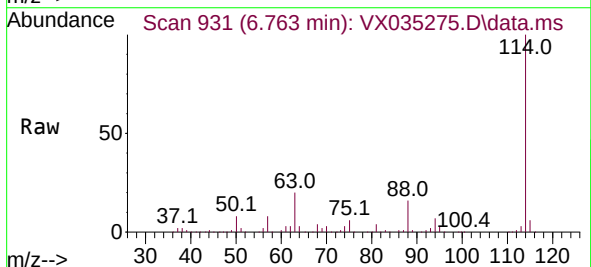
Tgt Ion:114 Resp: 457789

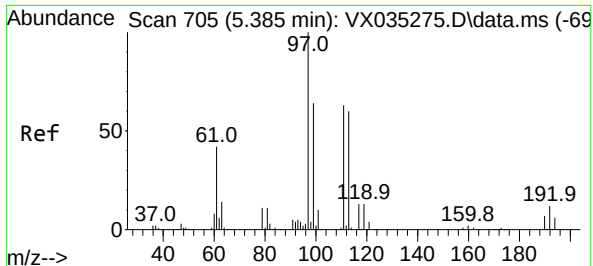
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.192 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

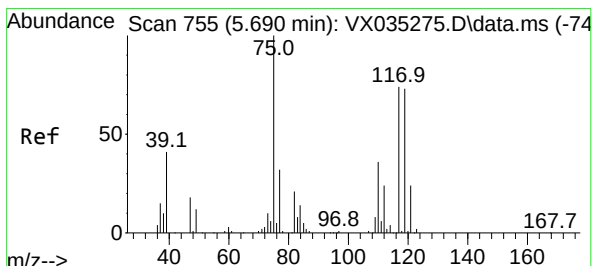
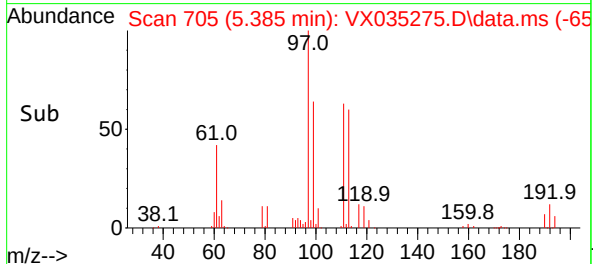
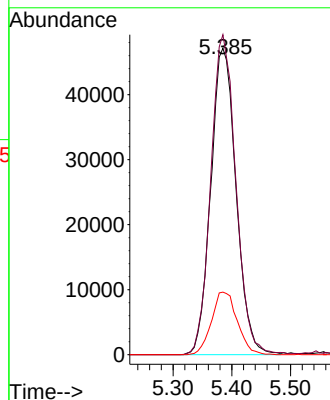
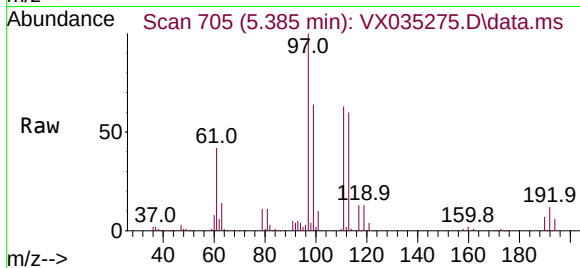
Tgt Ion:	113	Resp:	14102
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.7	125.5
192	20.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#36

1,1-Dichloropropene

Concen: 47.707 ug/l

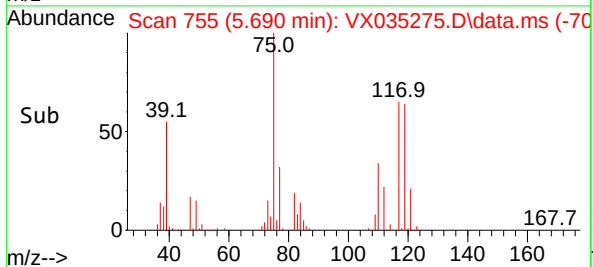
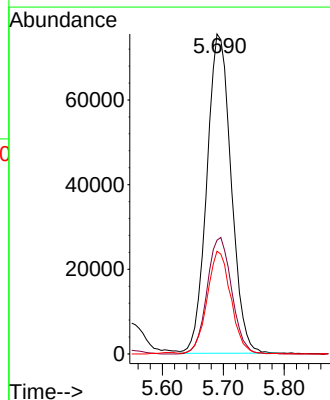
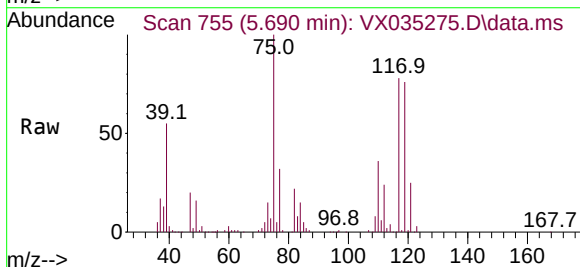
RT: 5.690 min Scan# 755

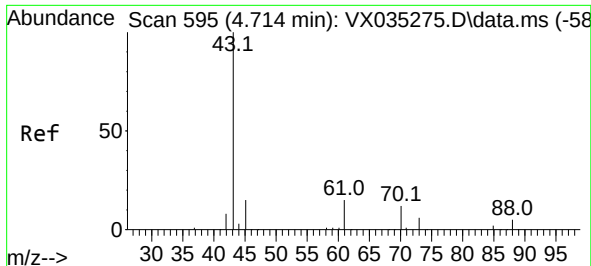
Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Tgt Ion:	75	Resp:	209308
Ion Ratio	Lower	Upper	
75	100		
110	37.0	17.5	52.5
77	31.1	24.3	36.5





#37

Ethyl Acetate

Concen: 51.294 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 20877

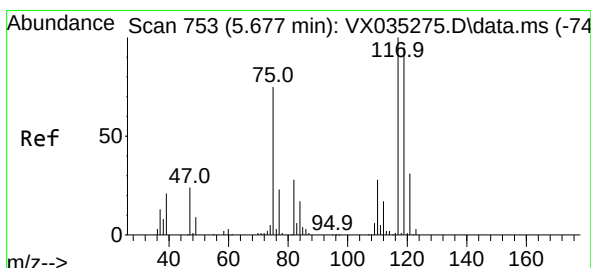
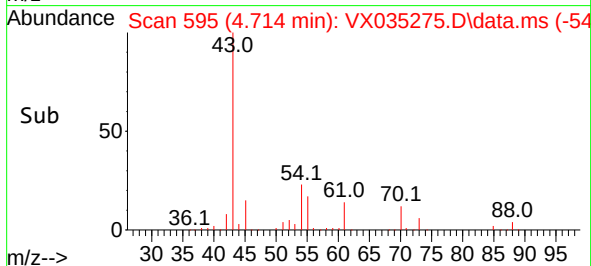
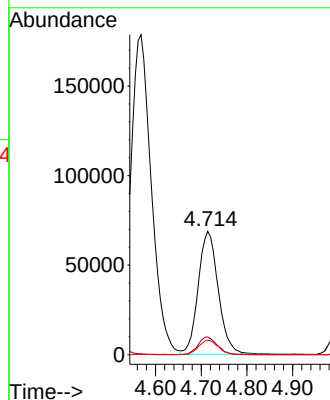
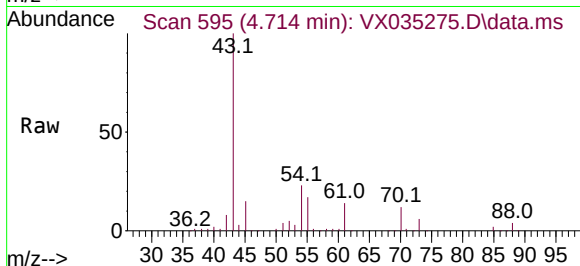
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	11.5	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Carbon Tetrachloride

Concen: 51.206 ug/l

RT: 5.677 min Scan# 753

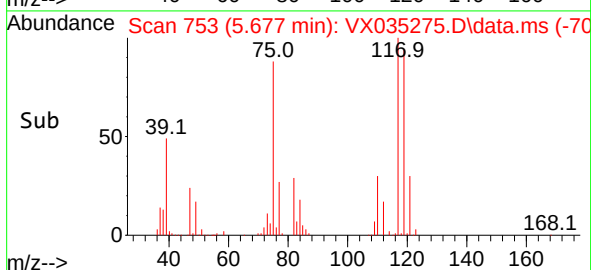
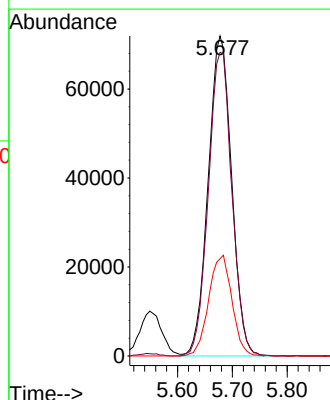
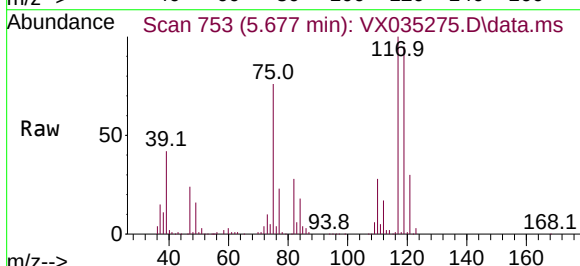
Delta R.T. 0.000 min

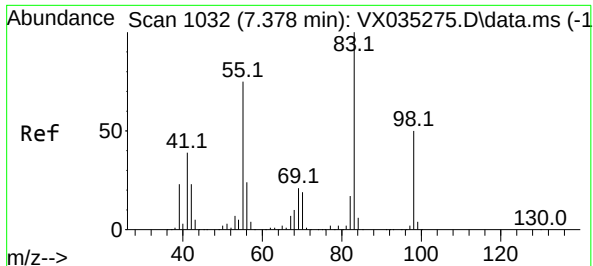
Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Tgt Ion:117 Resp: 213267

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
121	30.4	23.8	35.6





#39

Methylcyclohexane

Concen: 49.744 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 26565

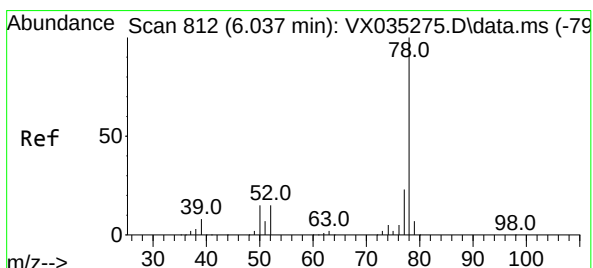
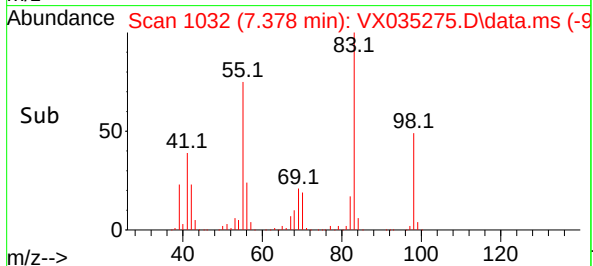
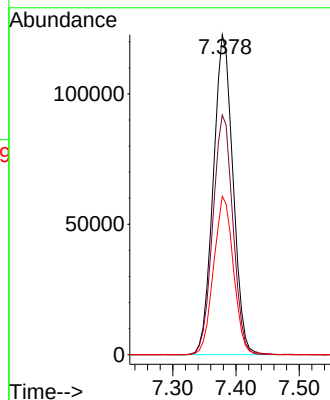
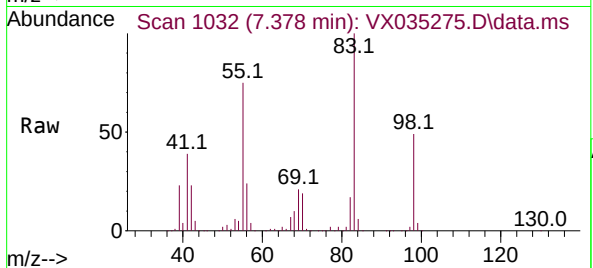
Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.5	90.7
98	49.5	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 48.925 ug/l

RT: 6.037 min Scan# 812

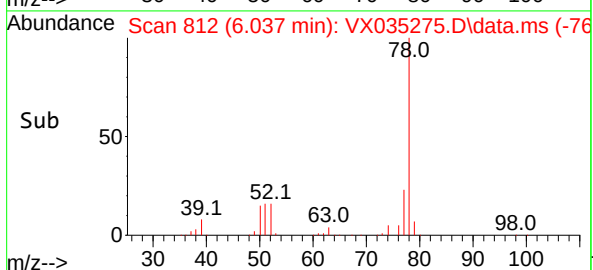
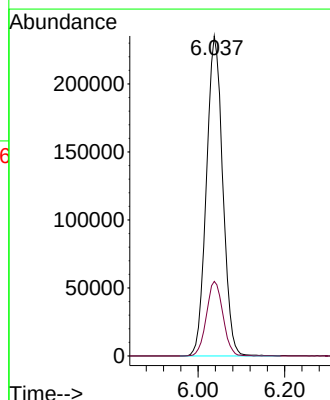
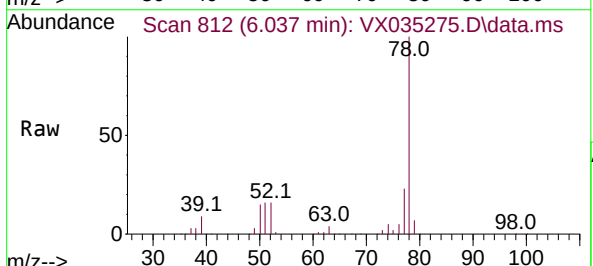
Delta R.T. 0.000 min

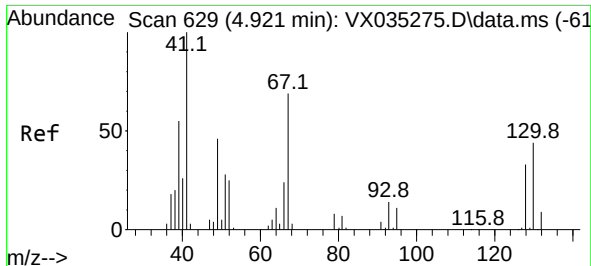
Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Tgt Ion: 78 Resp: 615760

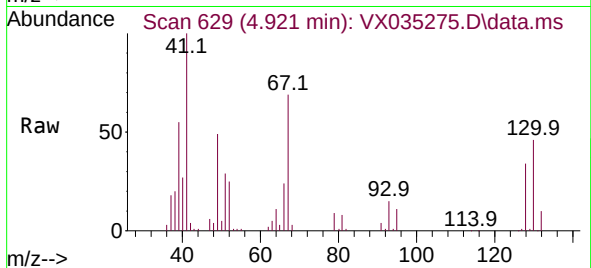
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41
Methacrylonitrile
Concen: 51.314 ug/l
RT: 4.921 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

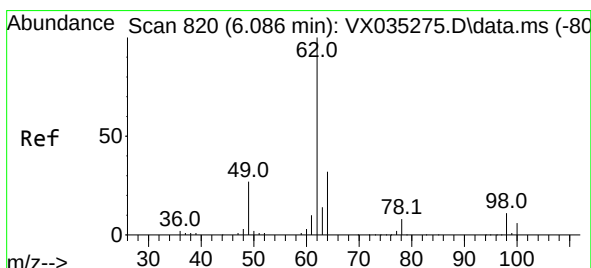
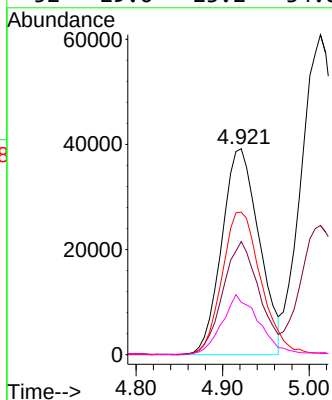
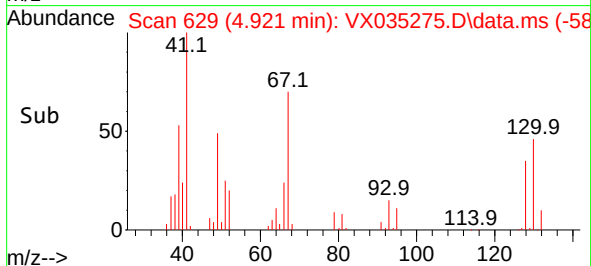
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 11782
Ion Ratio Lower Upper
41 100
39 53.5 45.0 67.6
67 72.6 55.6 83.4
52 29.6 23.2 34.8

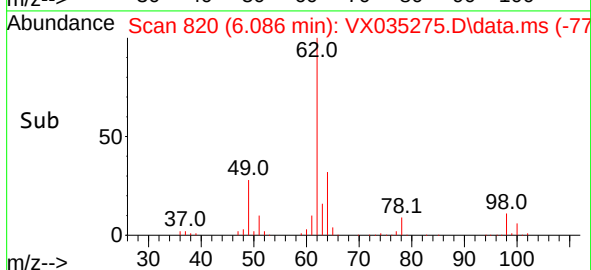
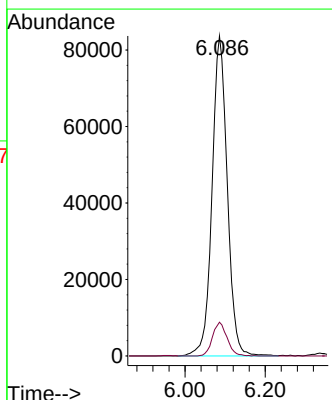
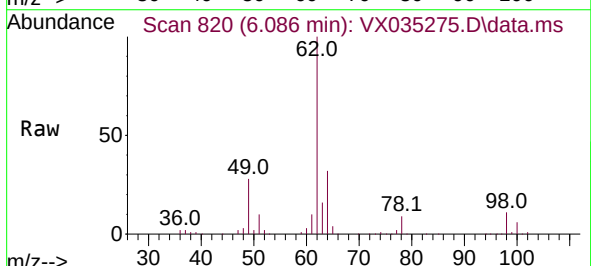
Manual Integrations
APPROVED

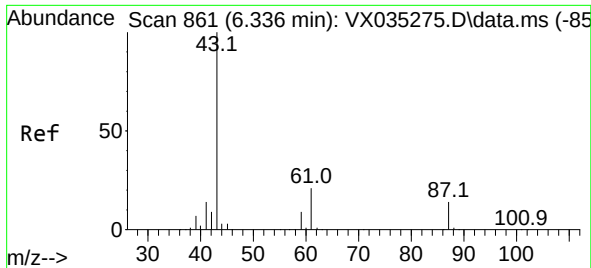
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 49.217 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 62 Resp: 220856
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 50.933 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

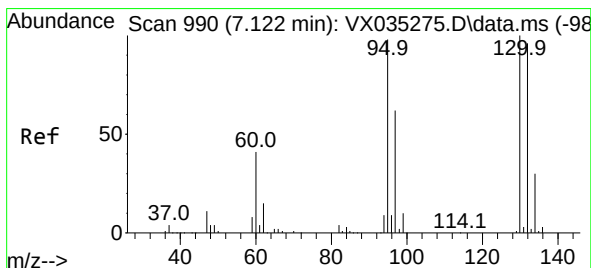
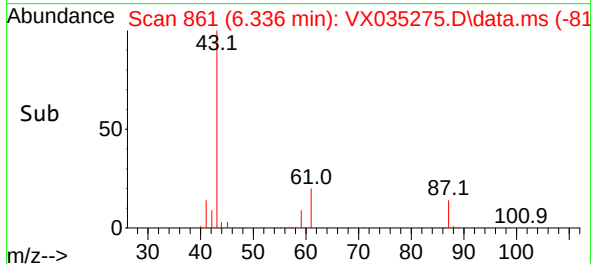
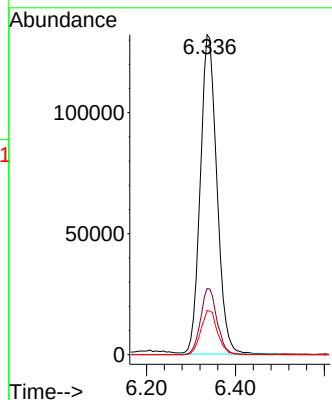
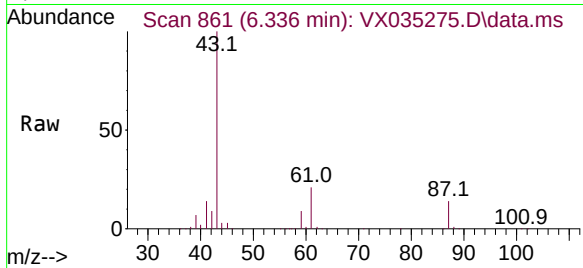
Tgt Ion: 43	Resp: 34294
Ion Ratio	Lower Upper
43 100	
61 20.6	15.2 22.8
87 13.9	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#44

Trichloroethene

Concen: 49.142 ug/l

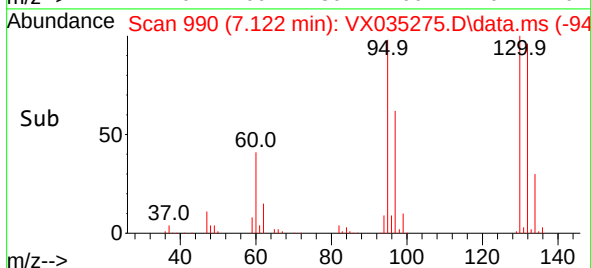
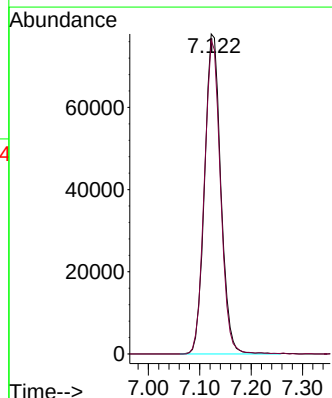
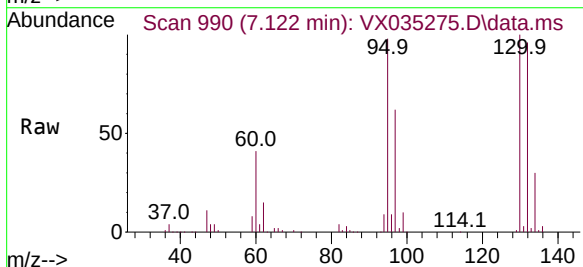
RT: 7.122 min Scan# 990

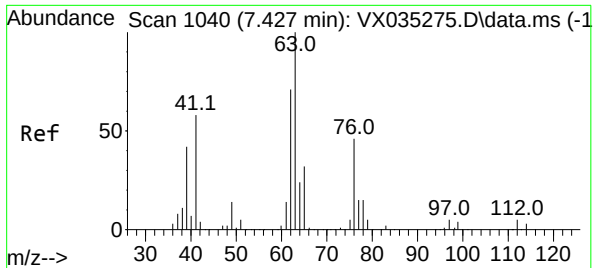
Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Tgt Ion:130	Resp: 170380
Ion Ratio	Lower Upper
130 100	
95 98.1	0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.675 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 157620

Ion Ratio Lower Upper

63 100

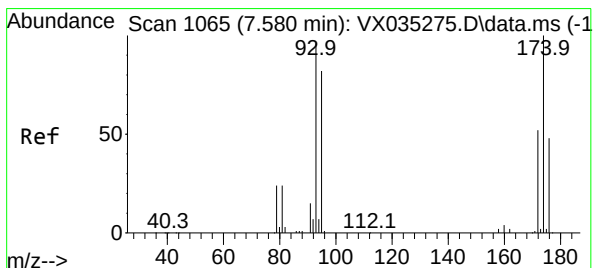
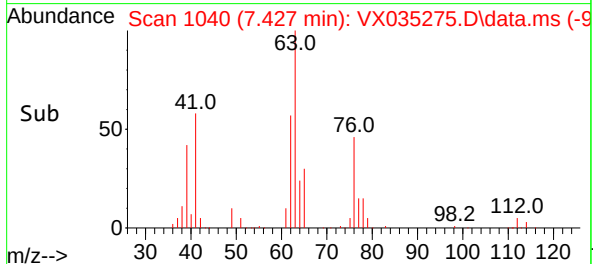
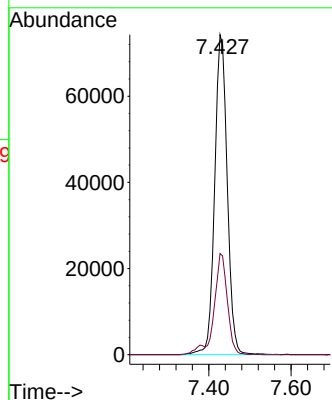
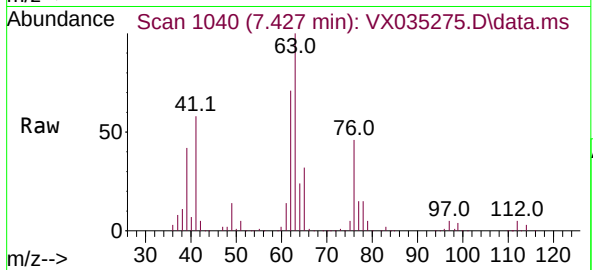
65 31.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 49.031 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

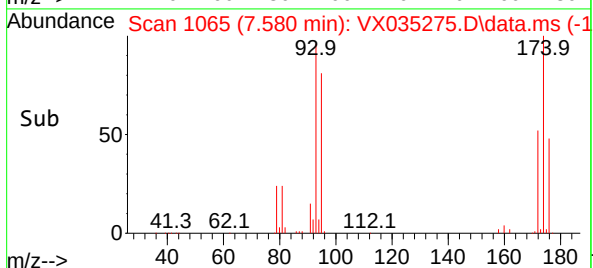
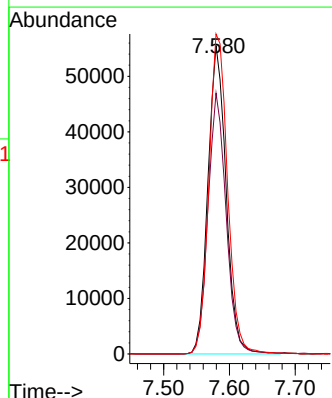
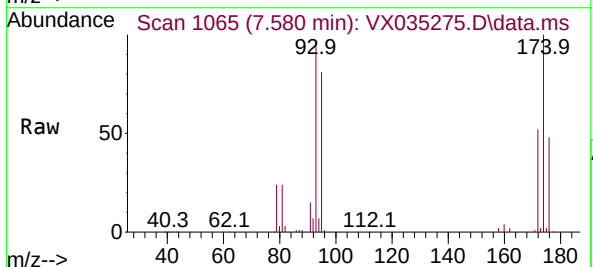
Tgt Ion: 93 Resp: 106836

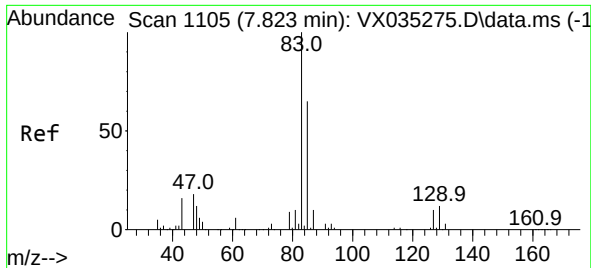
Ion Ratio Lower Upper

93 100

95 84.5 66.9 100.3

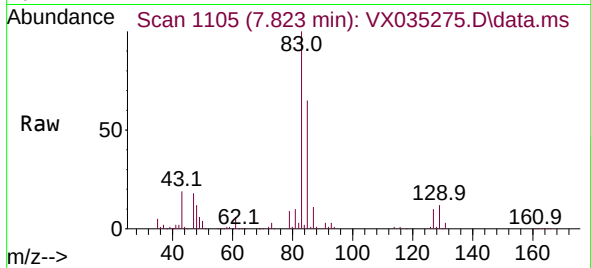
174 106.9 75.4 113.0





#47
Bromodichloromethane
Concen: 51.828 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

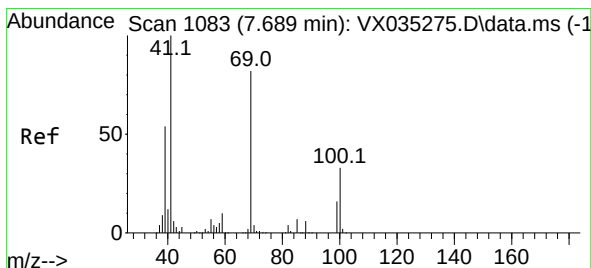
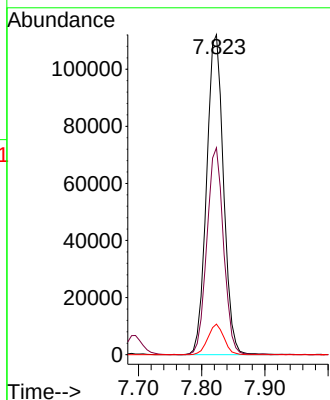
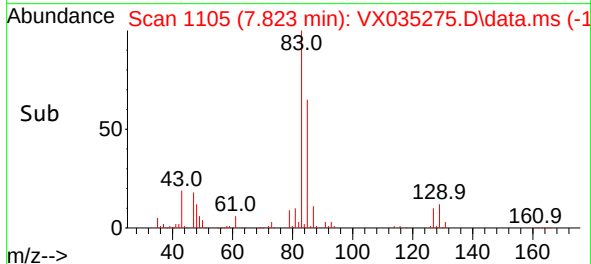
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 208070
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 9.5 6.6 9.8

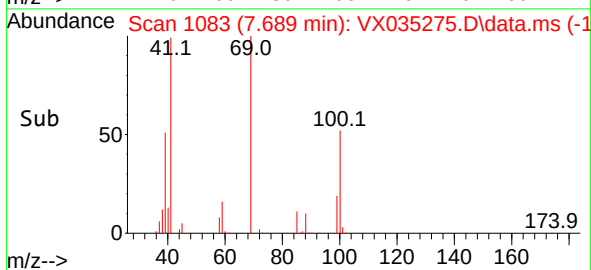
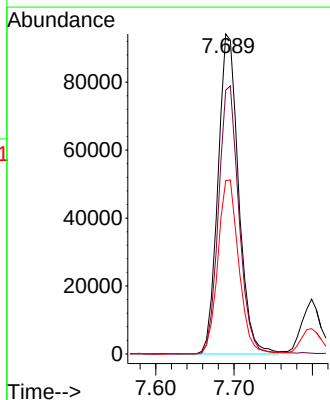
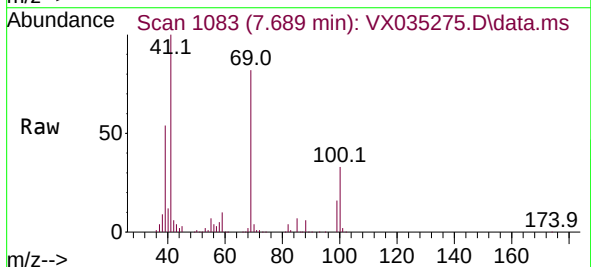
Manual Integrations
APPROVED

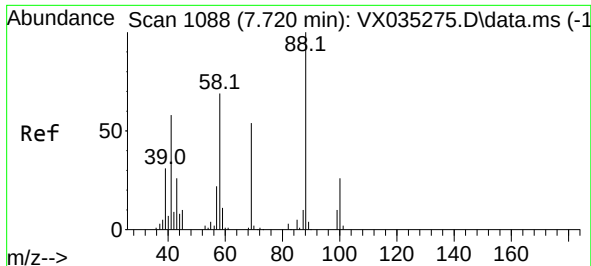
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#48
Methyl methacrylate
Concen: 52.208 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 41 Resp: 172434
Ion Ratio Lower Upper
41 100
69 82.9 62.2 93.4
39 55.0 47.7 71.5





#49

1,4-Dioxane

Concen: 992.884 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

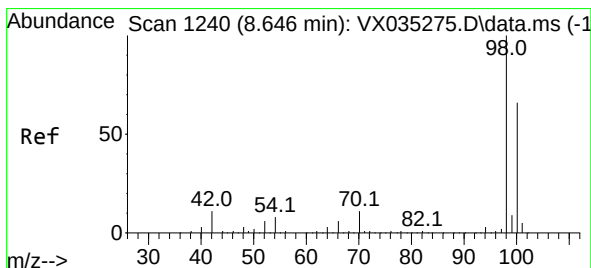
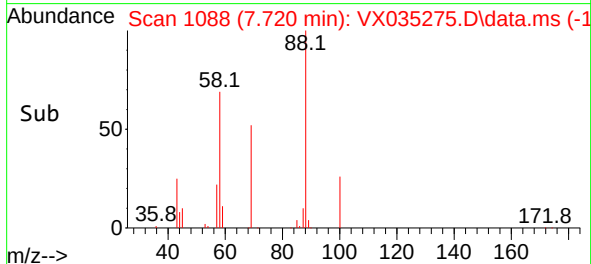
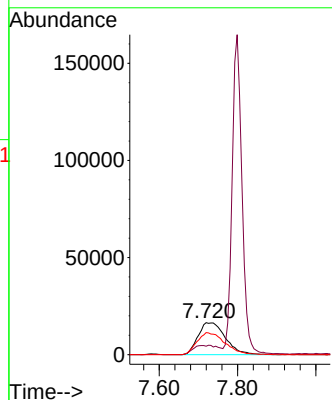
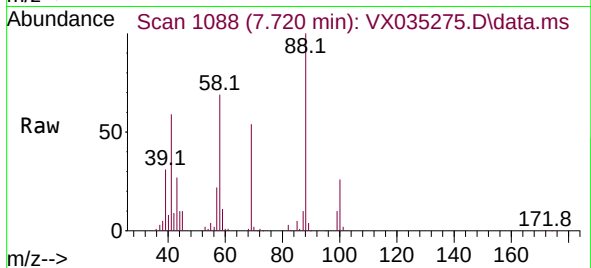
Tgt Ion: 88 Resp: 79934
 Ion Ratio Lower Upper
 88 100
 43 14.1 27.7 41.5
 58 70.7 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 50.393 ug/l

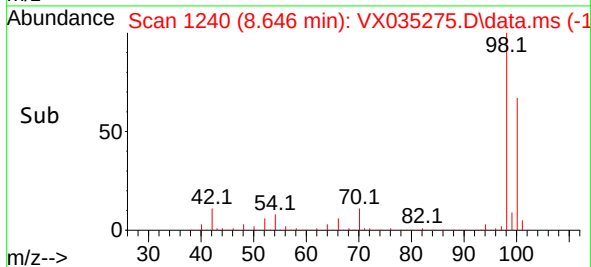
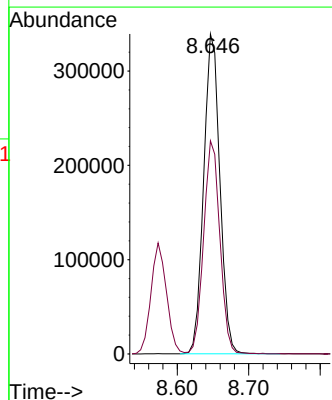
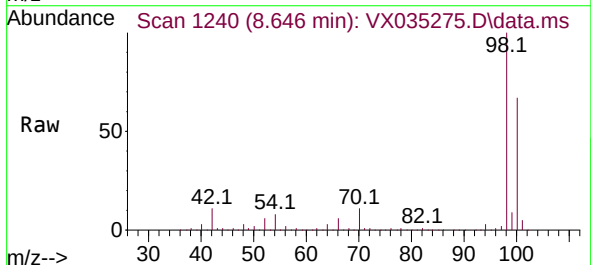
RT: 8.646 min Scan# 1240

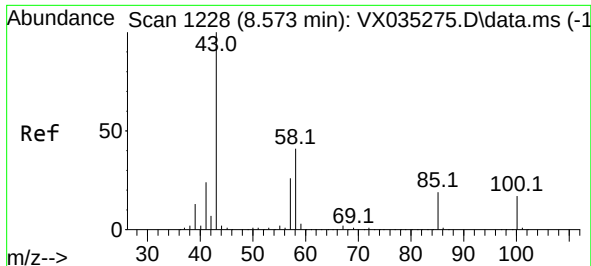
Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

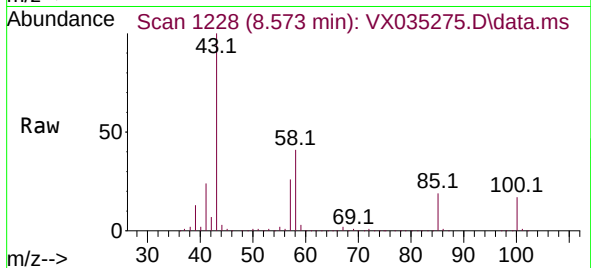
Tgt Ion: 98 Resp: 534138
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 251.021 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

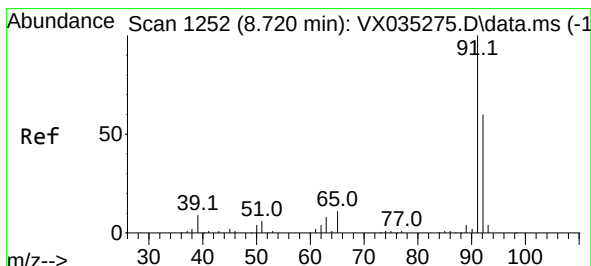
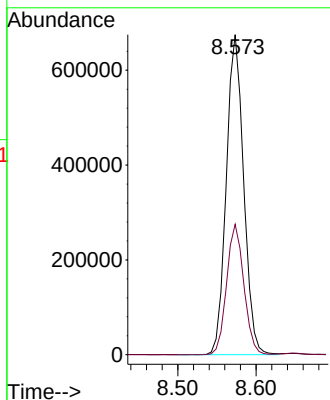
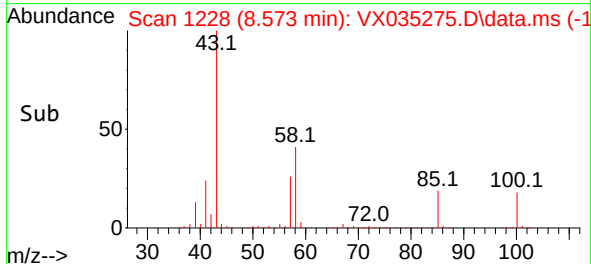
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1038379
Ion Ratio Lower Upper
43 100
58 40.5 30.6 46.0

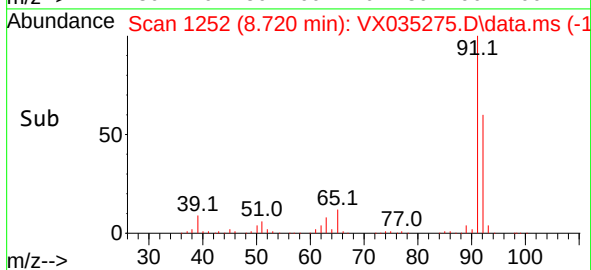
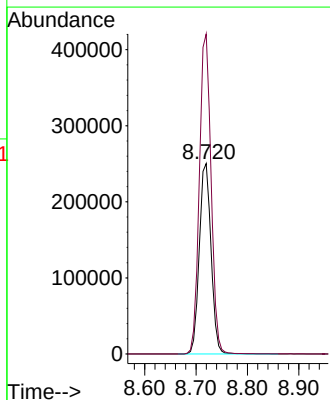
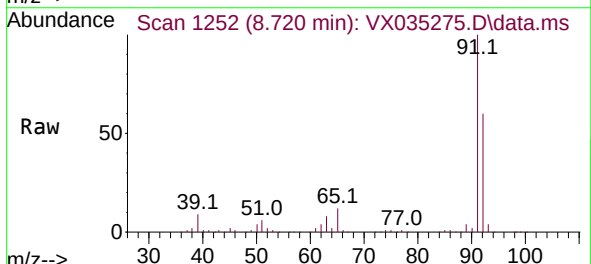
Manual Integrations
APPROVED

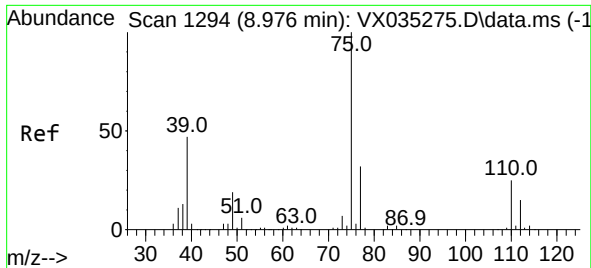
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 49.583 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

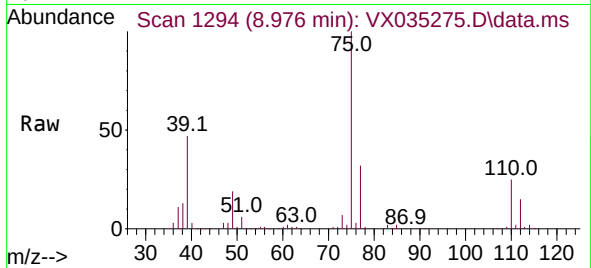
Tgt Ion: 92 Resp: 395562
Ion Ratio Lower Upper
92 100
91 168.0 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 54.185 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX035275.D
 Acq: 25 Apr 2023 11:46

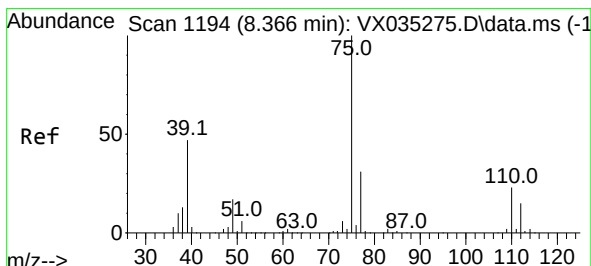
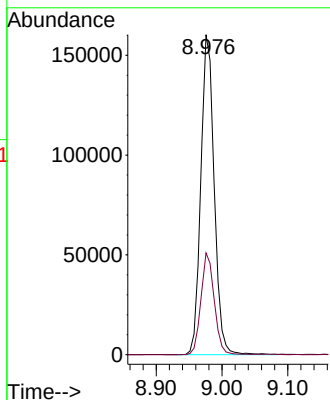
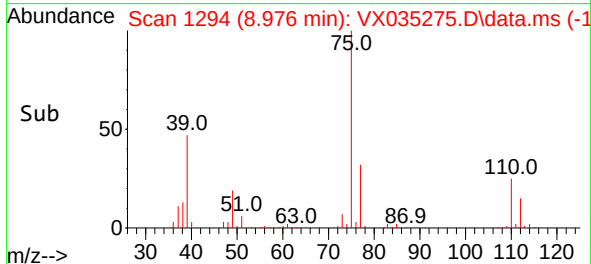
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 22717
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2

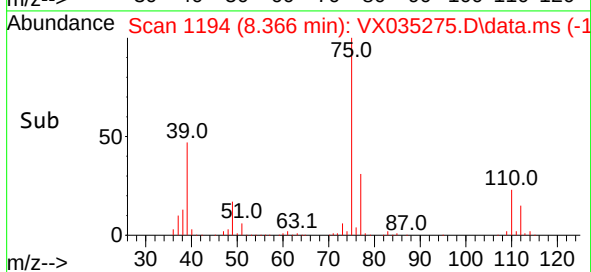
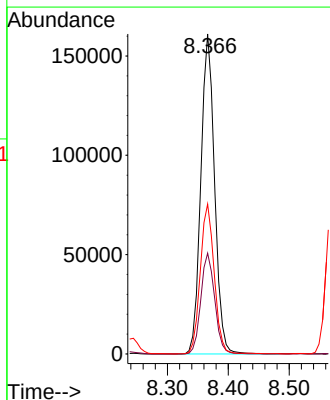
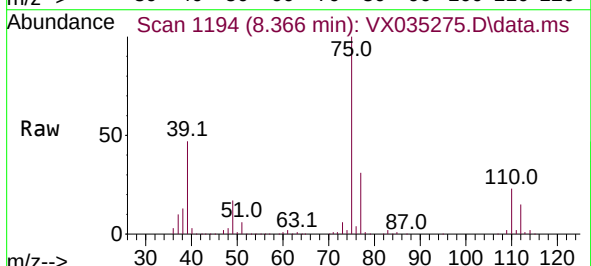
Manual Integrations
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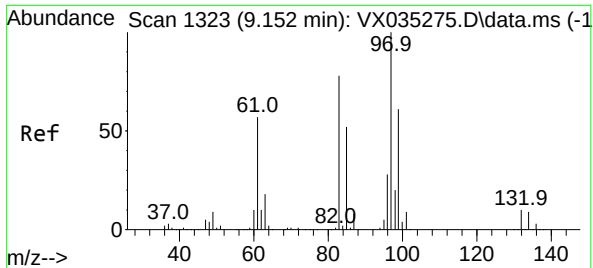
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.379 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035275.D
 Acq: 25 Apr 2023 11:46

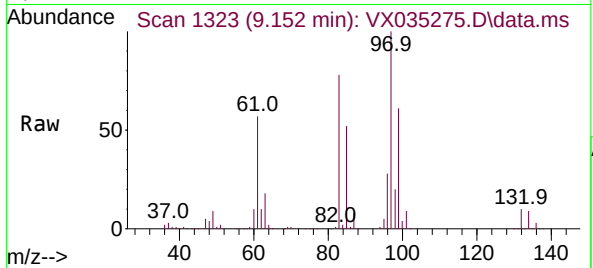
Tgt Ion: 75 Resp: 252959
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4
 39 46.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.443 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

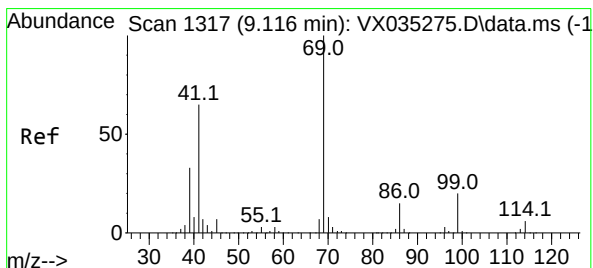
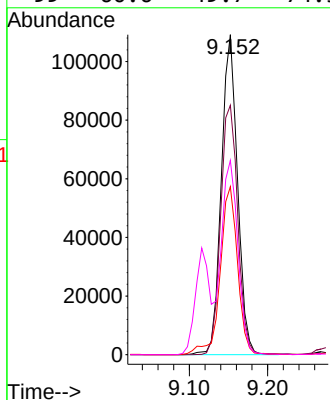
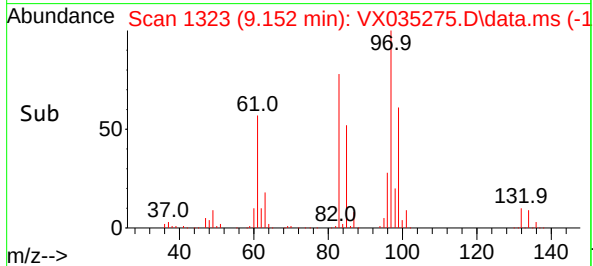


Tgt Ion: 97 Resp: 15724

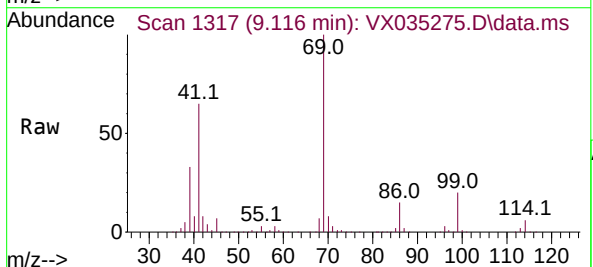
Ion	Ratio	Lower	Upper
97	100		
83	77.9	69.7	104.5
85	52.5	43.7	65.5
99	60.6	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

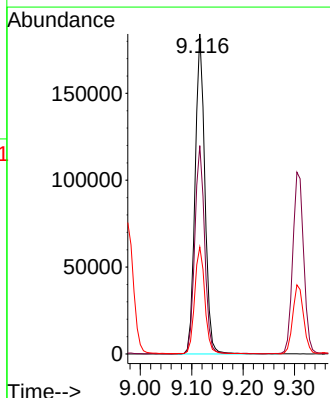
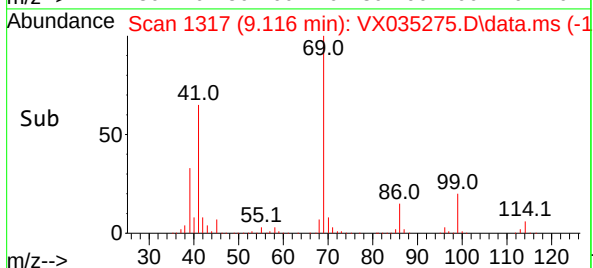


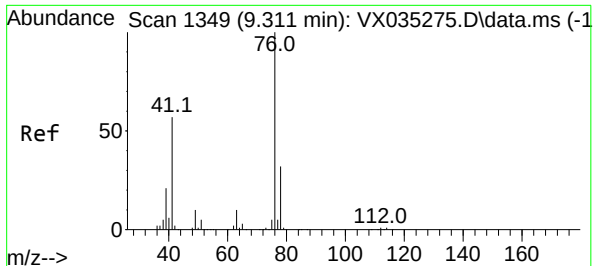
#56
Ethyl methacrylate
Concen: 51.300 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



Tgt Ion: 69 Resp: 243040

Ion	Ratio	Lower	Upper
69	100		
41	66.1	57.4	86.0
39	34.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 49.172 ug/l

RT: 9.311 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 267479

Ion Ratio Lower Upper

76 100

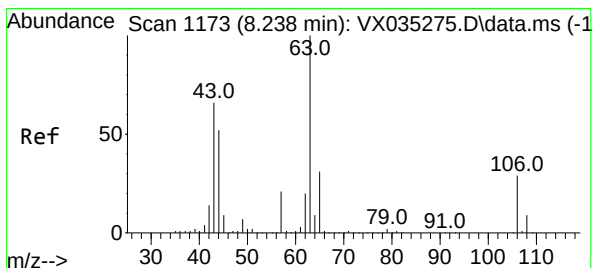
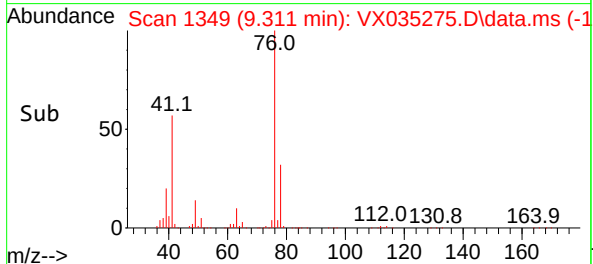
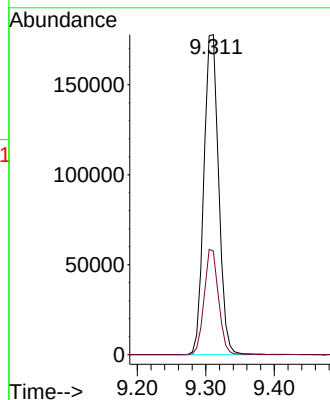
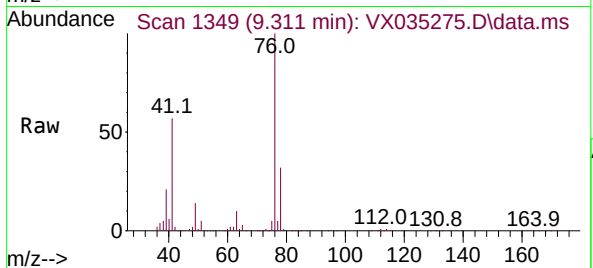
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 264.798 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035275.D

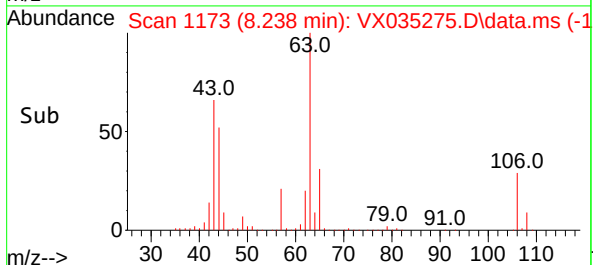
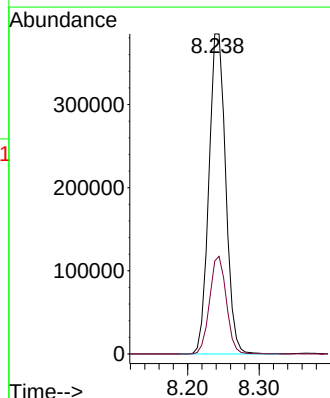
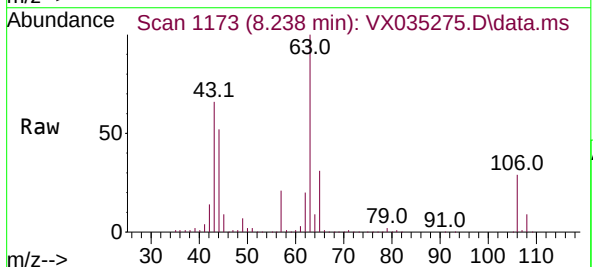
Acq: 25 Apr 2023 11:46

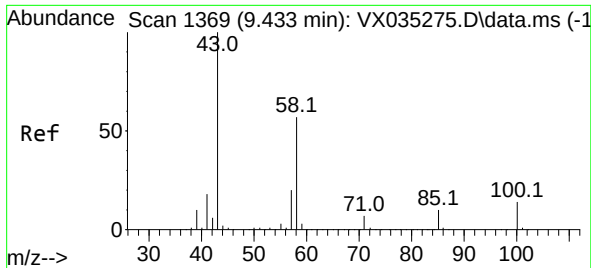
Tgt Ion: 63 Resp: 627275

Ion Ratio Lower Upper

63 100

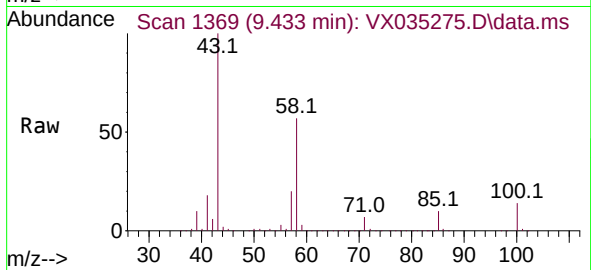
106 30.3 22.2 33.2





#59
2-Hexanone
Concen: 255.928 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

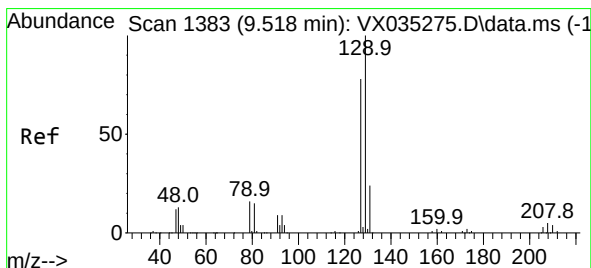
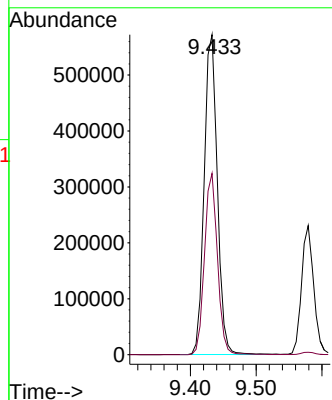
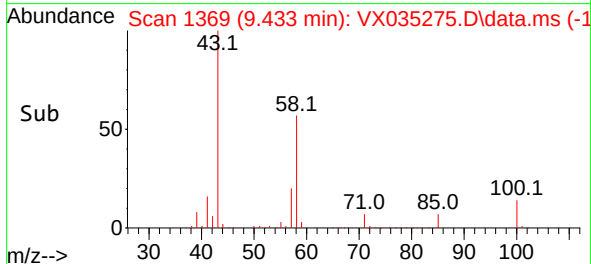
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



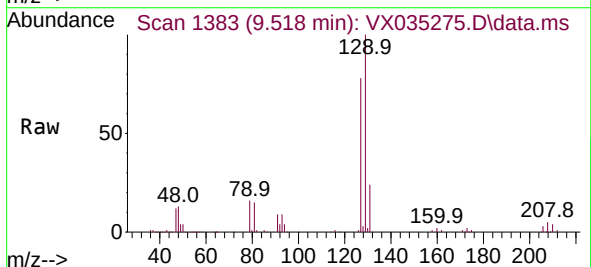
Tgt Ion: 43 Resp: 795329
Ion Ratio Lower Upper
43 100
58 55.9 26.3 78.9

Manual Integrations
APPROVED

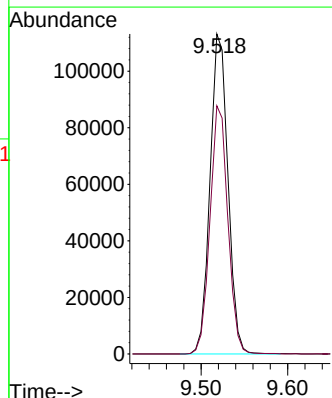
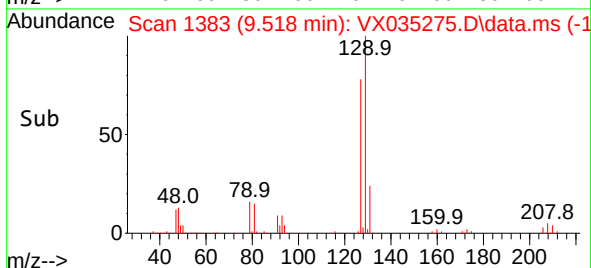
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

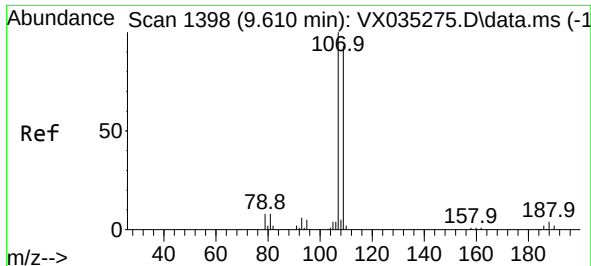


#60
Dibromochloromethane
Concen: 53.270 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



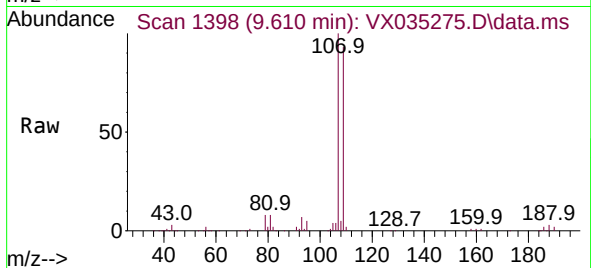
Tgt Ion:129 Resp: 162320
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.509 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

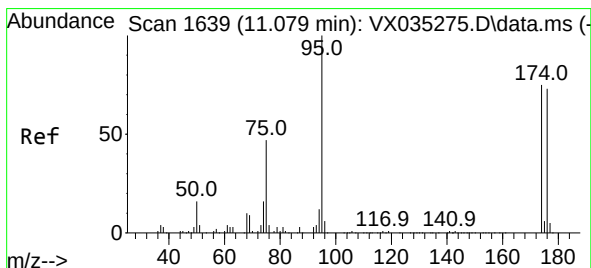
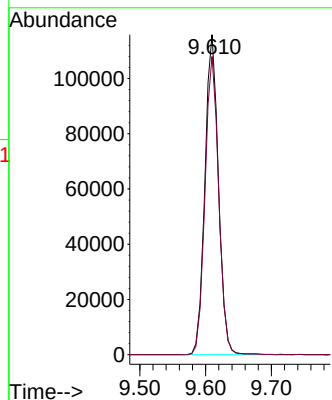
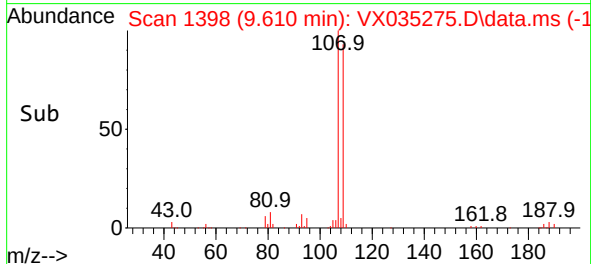
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



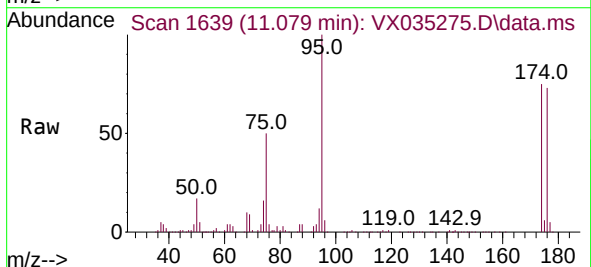
Tgt Ion:107 Resp: 165590
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
APPROVED

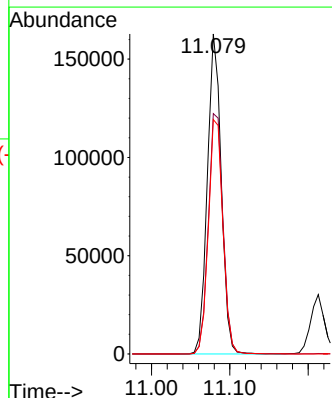
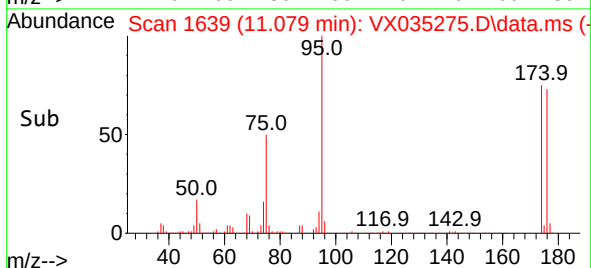
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

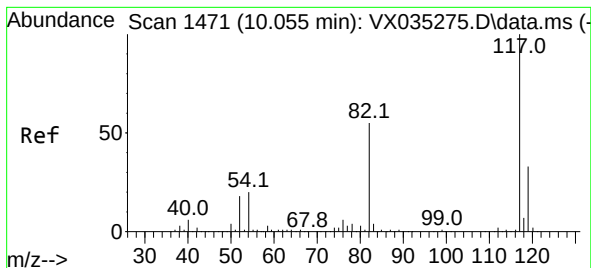


#62
4-Bromofluorobenzene
Concen: 50.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



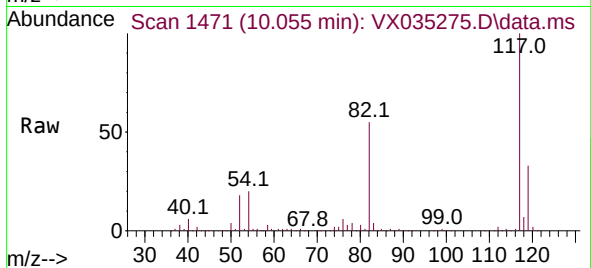
Tgt Ion: 95 Resp: 199577
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 77.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

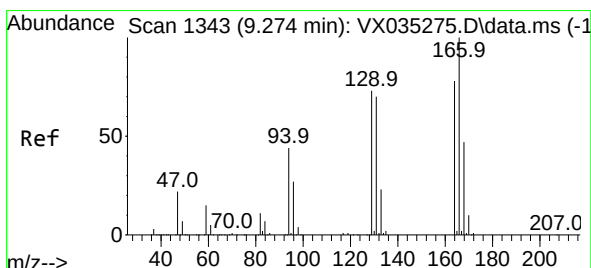
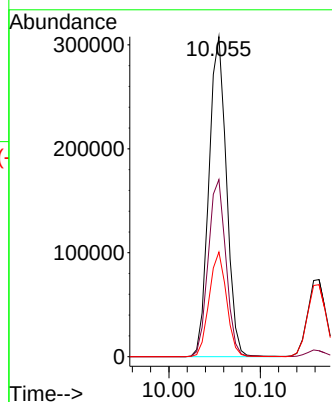
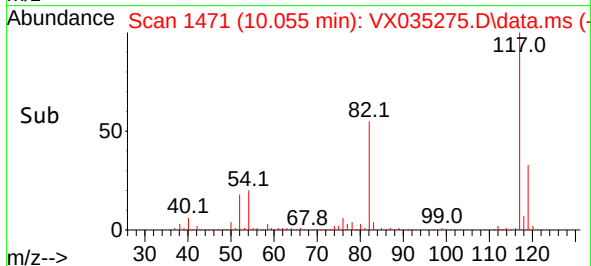
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 410020
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.7 26.0 39.0

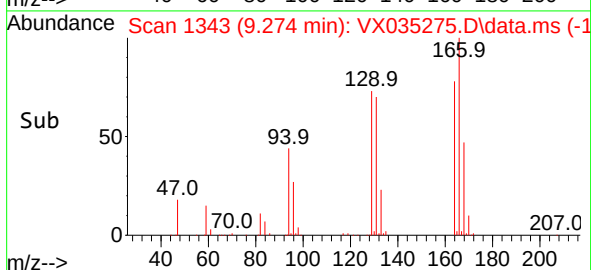
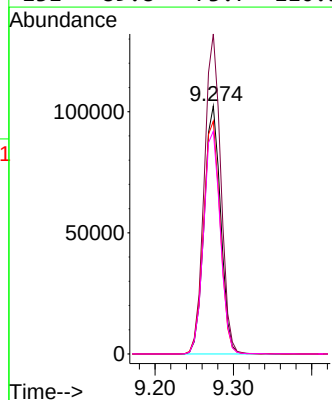
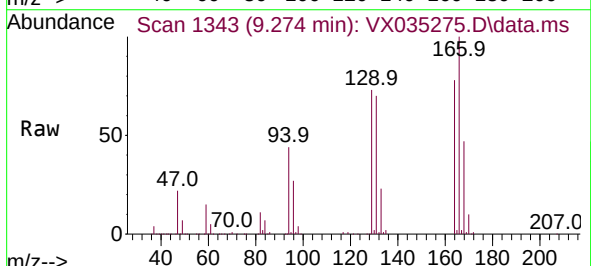
Manual Integrations
APPROVED

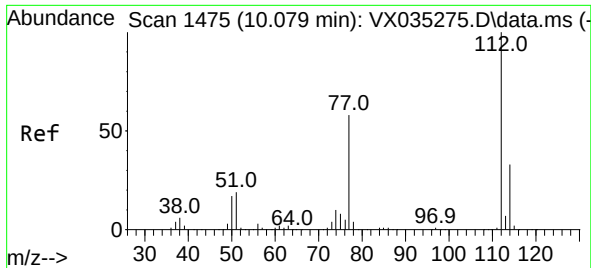
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#64
Tetrachloroethene
Concen: 47.422 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

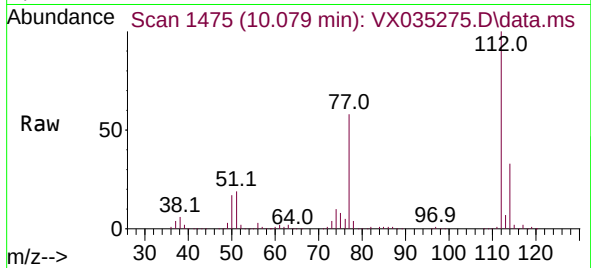
Tgt Ion:164 Resp: 148880
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 93.9 75.6 113.4
131 89.8 73.7 110.5





#65
Chlorobenzene
Concen: 47.589 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

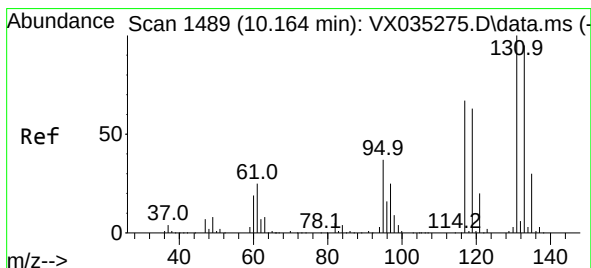
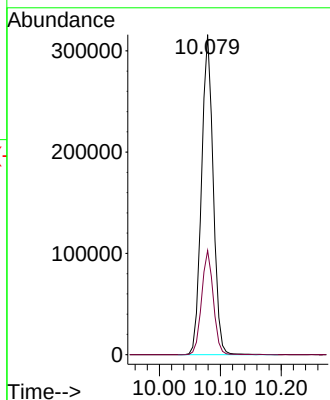
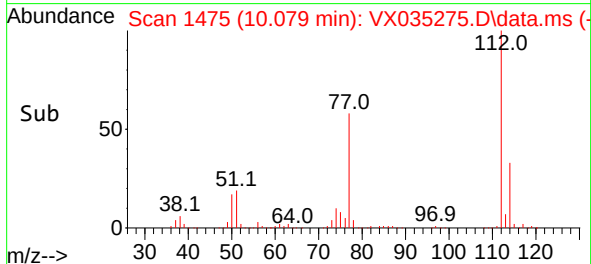
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



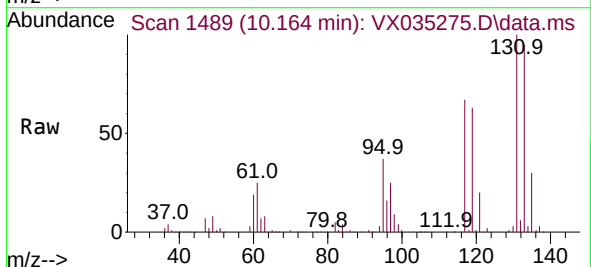
Tgt Ion:112 Resp: 422158
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

Manual Integrations
APPROVED

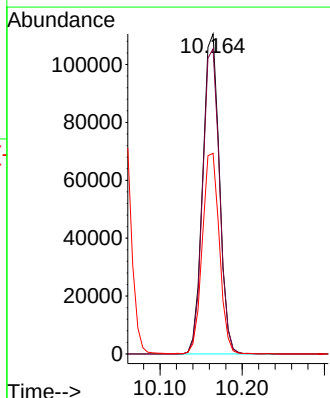
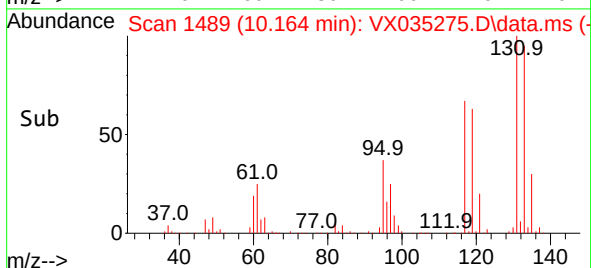
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

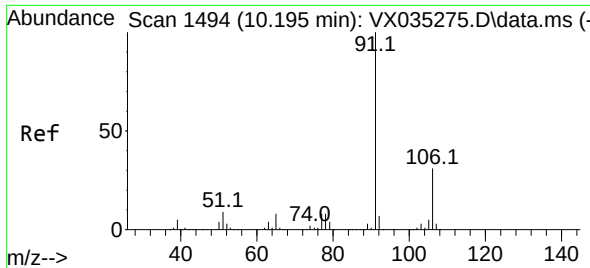


#66
1,1,1,2-Tetrachloroethane
Concen: 50.431 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



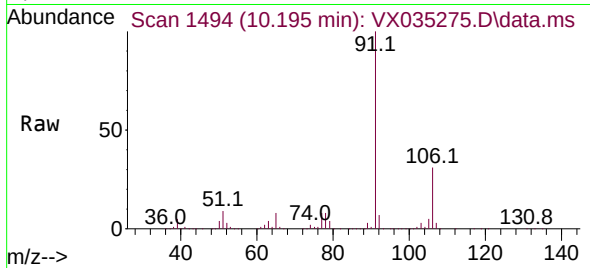
Tgt Ion:131 Resp: 155694
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 64.0 32.6 98.0





#67
Ethyl Benzene
Concen: 49.473 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

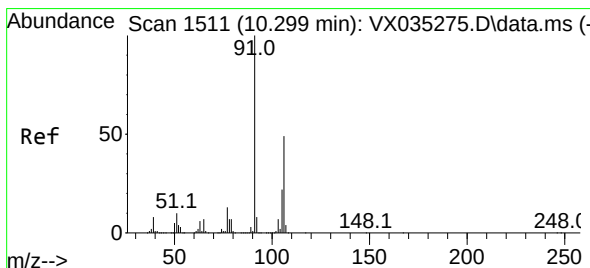
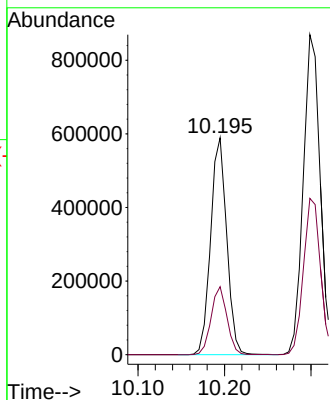
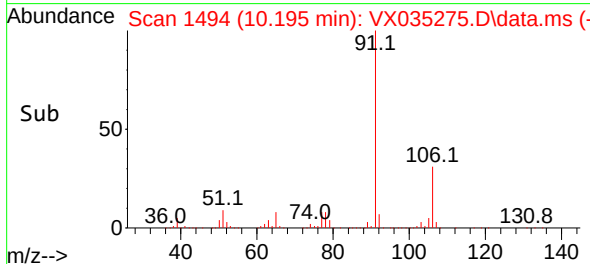
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



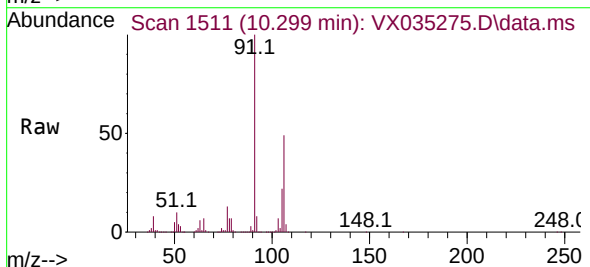
Tgt Ion: 91 Resp: 76003
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

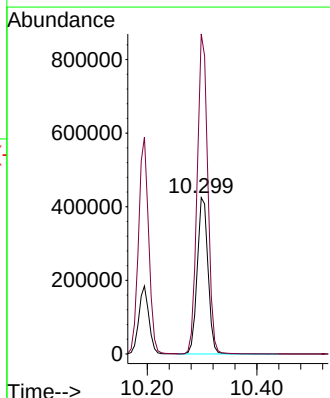
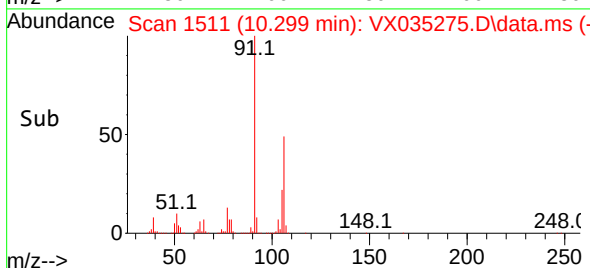
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

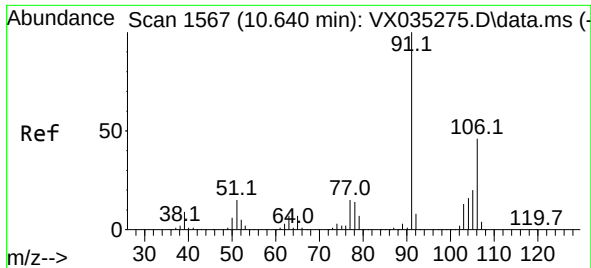


#68
m/p-Xylenes
Concen: 98.866 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



Tgt Ion:106 Resp: 581988
Ion Ratio Lower Upper
106 100
91 201.8 164.0 246.0





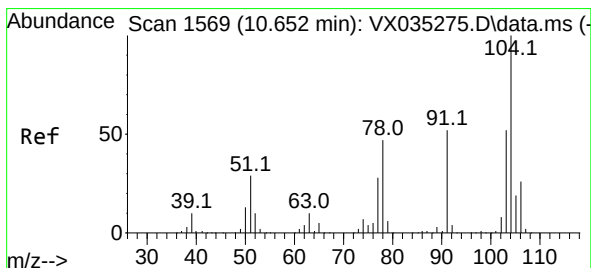
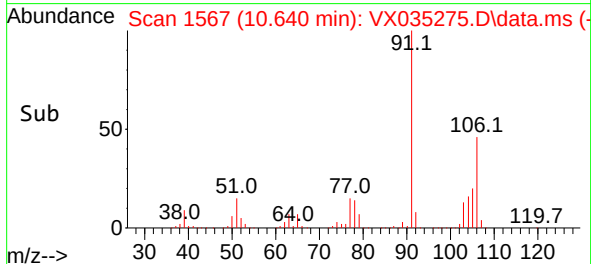
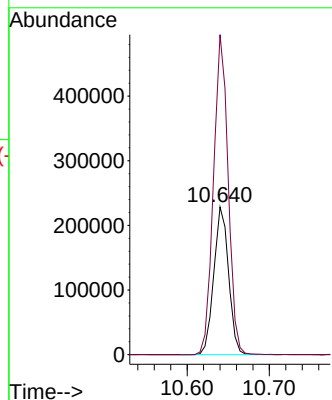
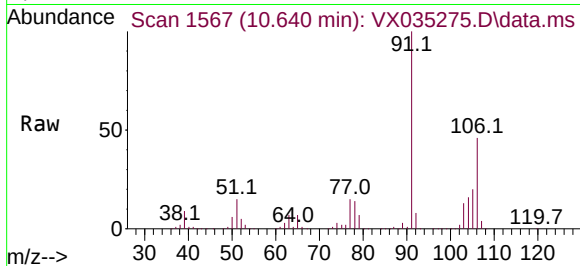
#69
o-Xylene
Concen: 49.502 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 285748
Ion Ratio Lower Upper
106 100
91 214.5 108.5 325.3

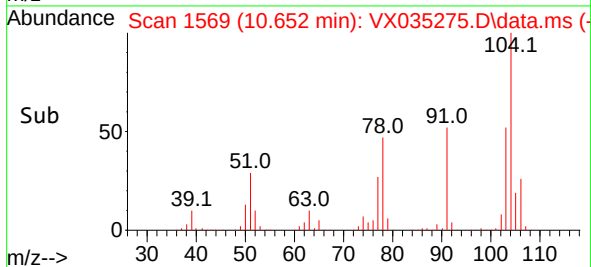
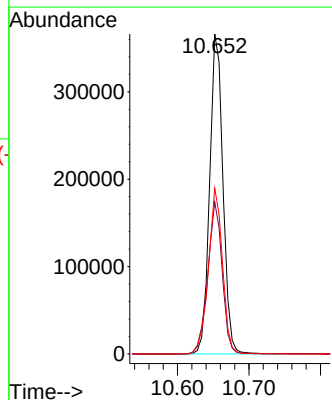
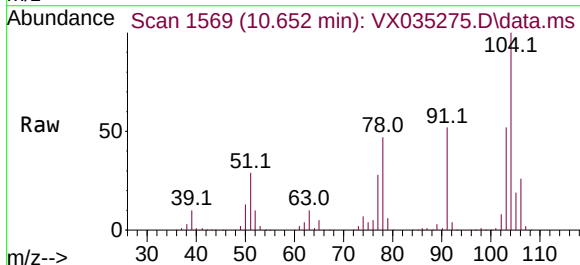
Manual Integrations
APPROVED

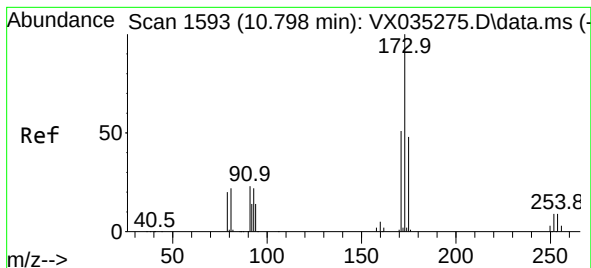
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 50.577 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion:104 Resp: 473364
Ion Ratio Lower Upper
104 100
78 51.4 43.4 65.2
103 54.7 44.2 66.2





#71

Bromoform

Concen: 53.191 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

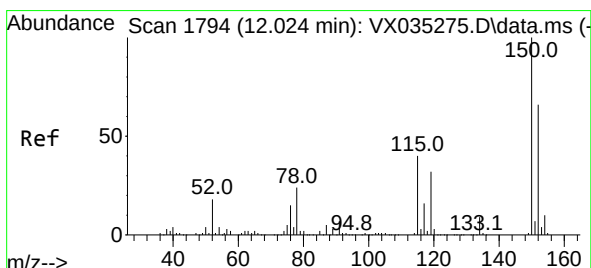
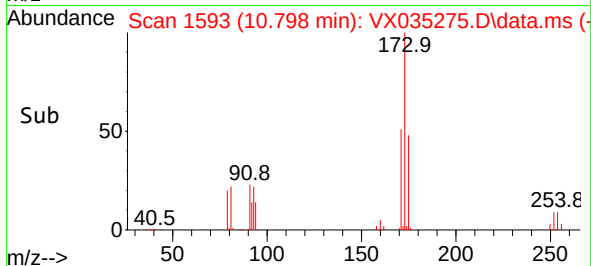
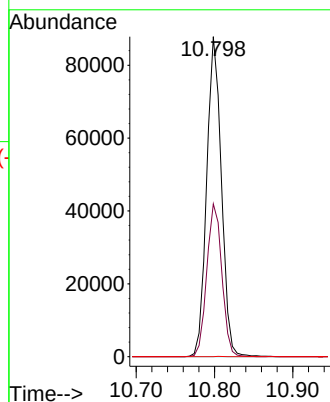
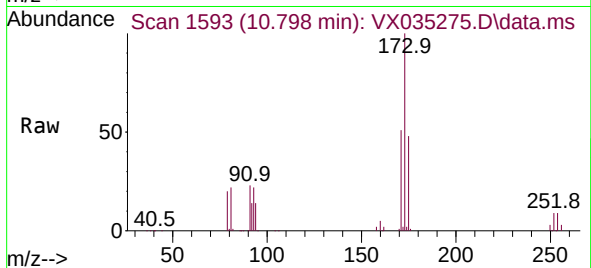
Tgt Ion:173 Resp: 114224
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

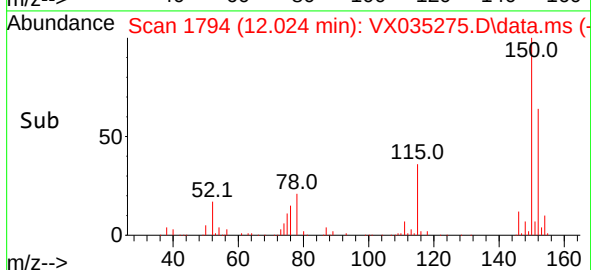
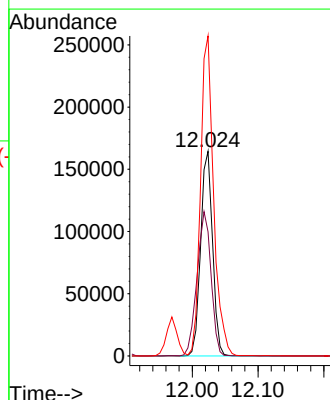
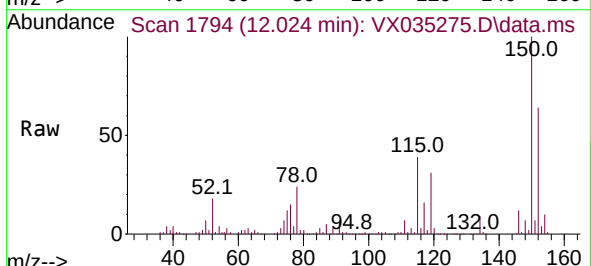
RT: 12.024 min Scan# 1794

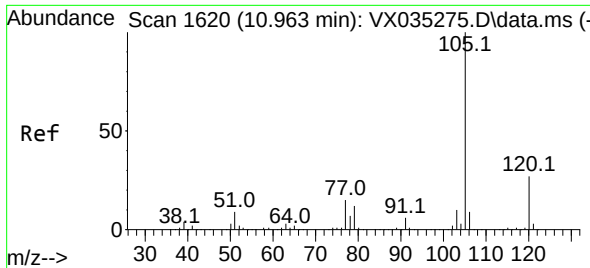
Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

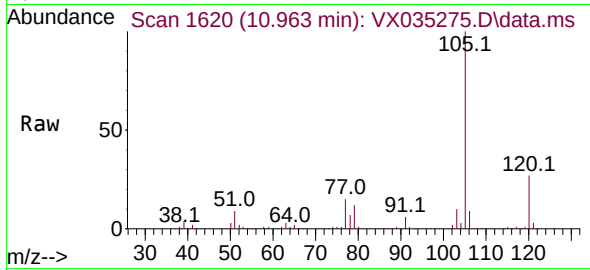
Tgt Ion:152 Resp: 206468
 Ion Ratio Lower Upper
 152 100
 115 83.2 45.0 135.0
 150 171.5 0.0 352.4





#73
Isopropylbenzene
Concen: 49.289 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

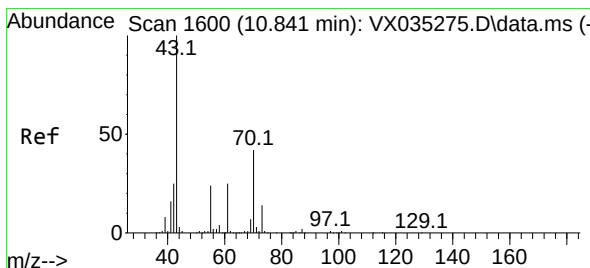
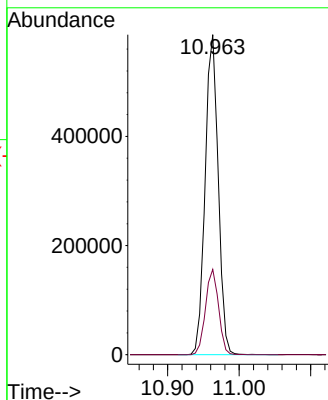
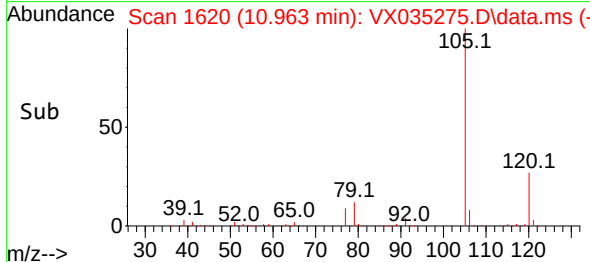
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 74389
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

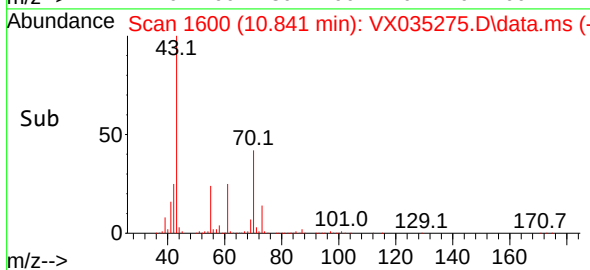
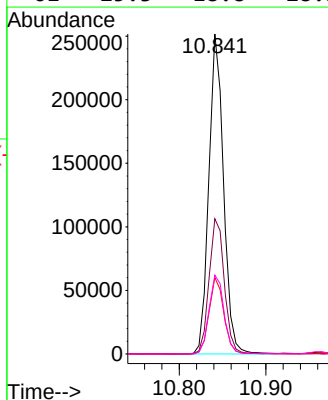
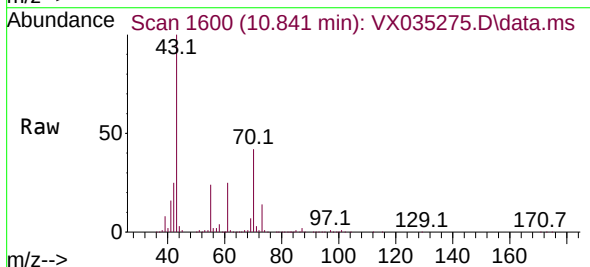
Manual Integrations
APPROVED

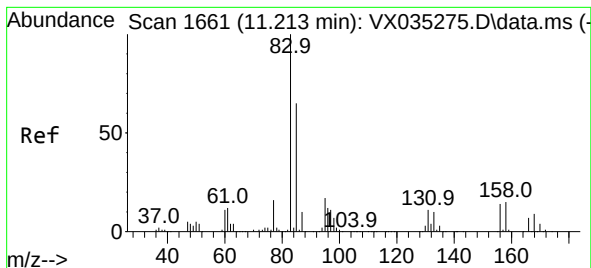
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#74
N-ethyl acetate
Concen: 52.330 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 43 Resp: 296811
Ion Ratio Lower Upper
43 100
70 44.2 32.1 48.1
55 24.3 18.3 27.5
61 25.3 18.8 28.2





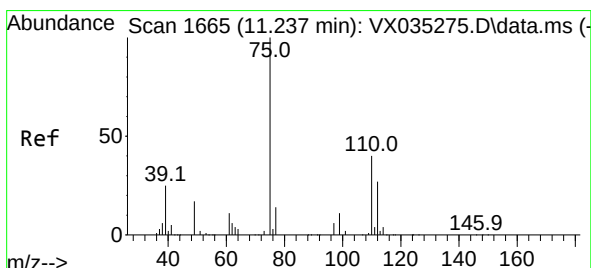
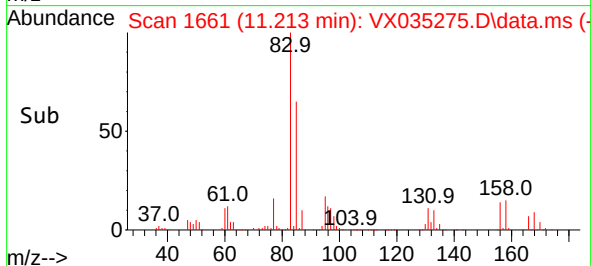
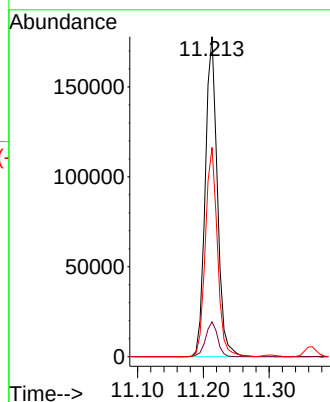
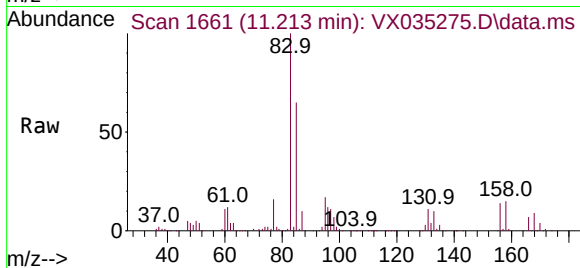
#75
1,1,2,2-Tetrachloroethane
Concen: 48.558 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 227468
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.3
85 65.1 32.0 96.0

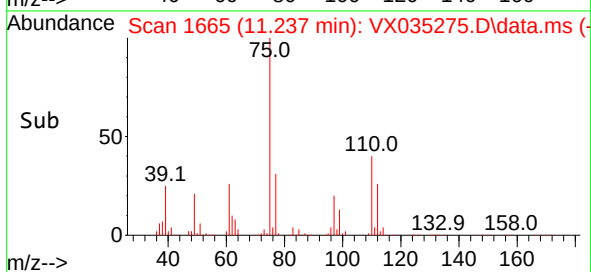
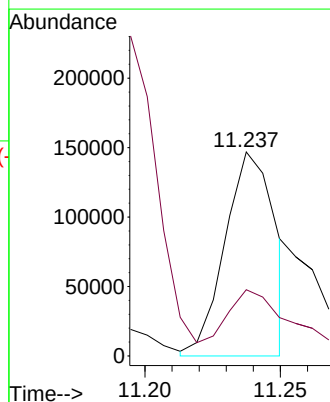
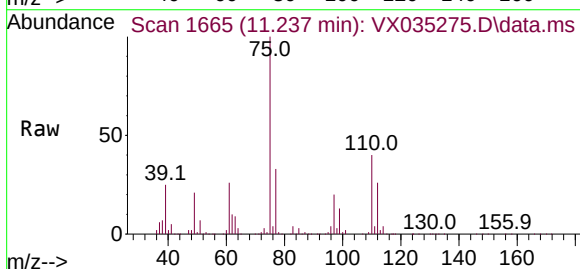
Manual Integrations
APPROVED

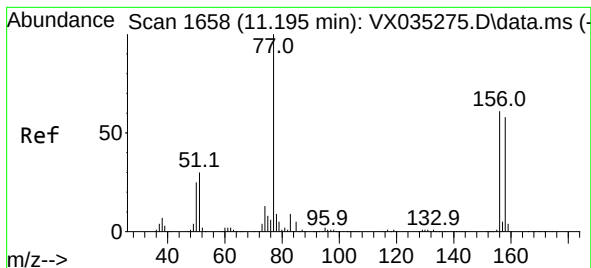
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 47.840 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 75 Resp: 188187
Ion Ratio Lower Upper
75 100
77 43.6 21.6 64.8





#77

Bromobenzene

Concen: 49.480 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 18563

Ion Ratio Lower Upper

156 100

77 155.2 86.7 259.9

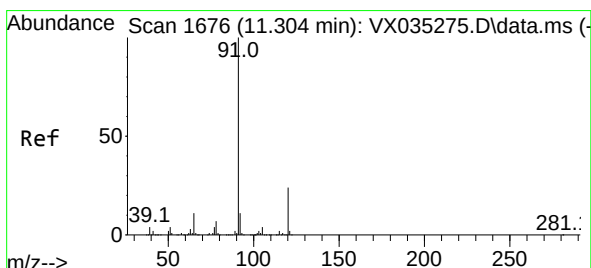
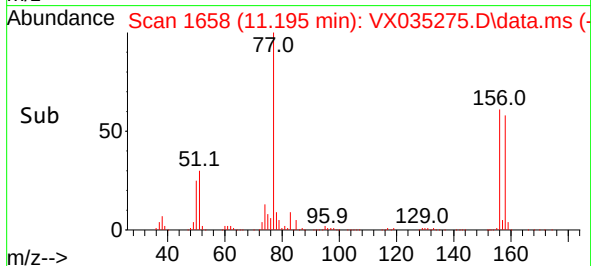
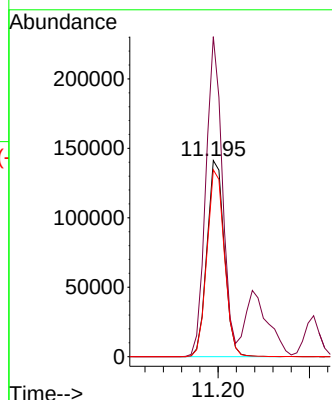
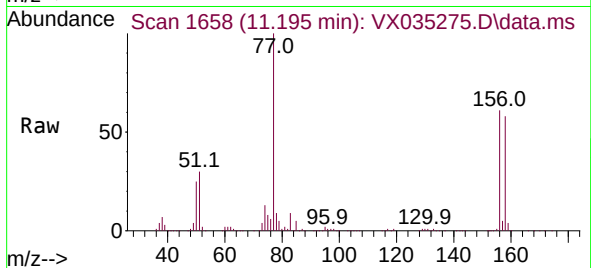
158 96.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#78

n-propylbenzene

Concen: 49.521 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035275.D

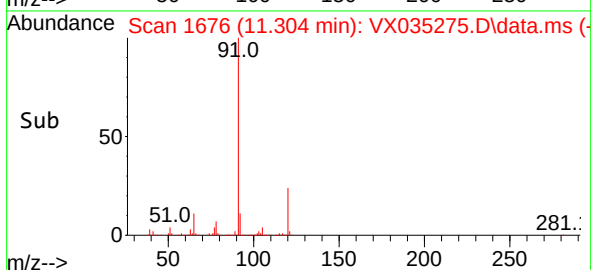
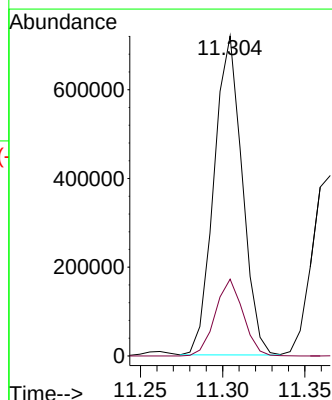
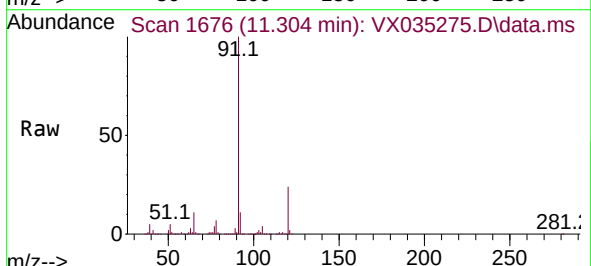
Acq: 25 Apr 2023 11:46

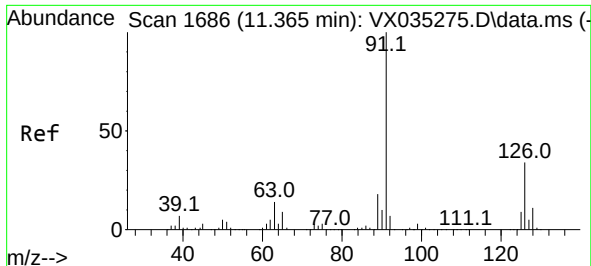
Tgt Ion: 91 Resp: 858377

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.5





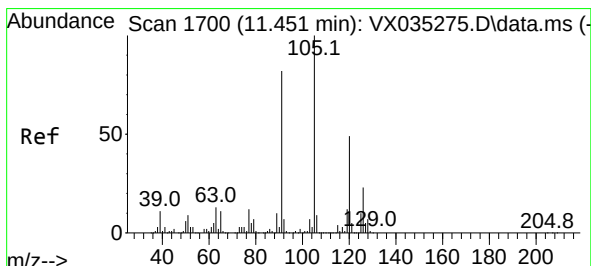
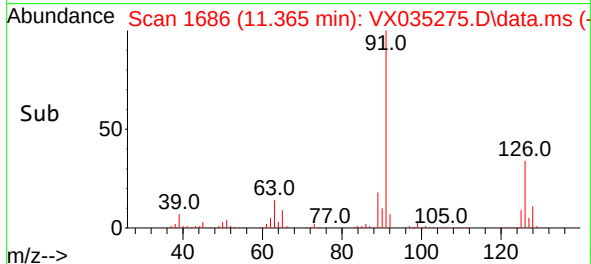
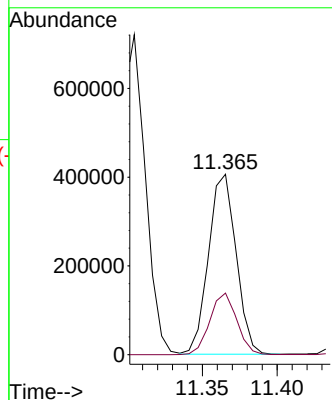
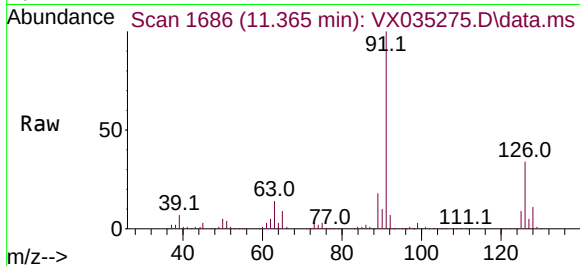
#79
2-Chlorotoluene
Concen: 48.130 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 521318
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.9

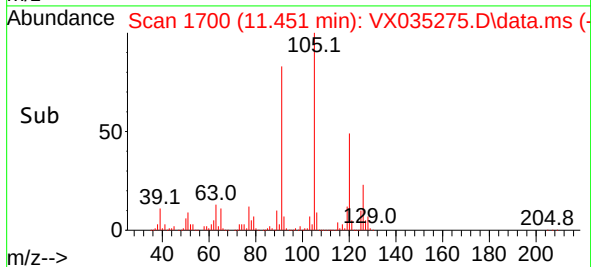
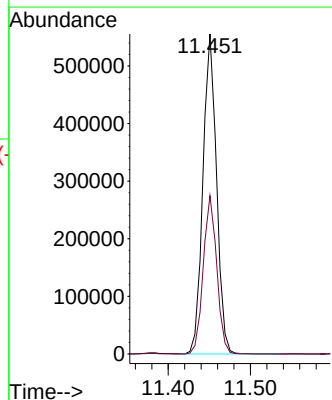
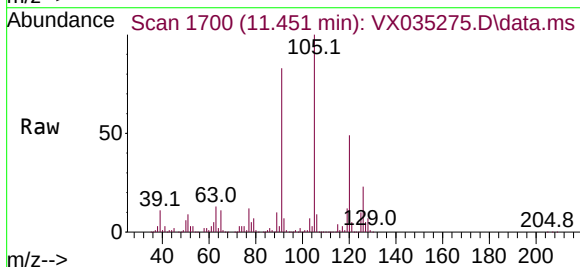
Manual Integrations
APPROVED

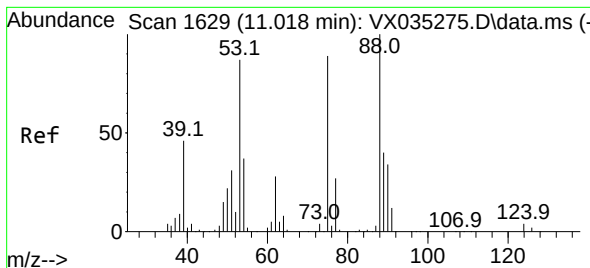
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.070 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion:105 Resp: 637182
Ion Ratio Lower Upper
105 100
120 49.1 23.7 71.1





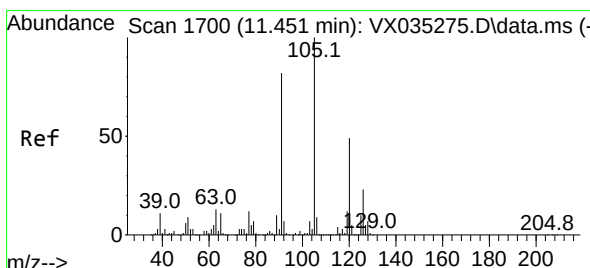
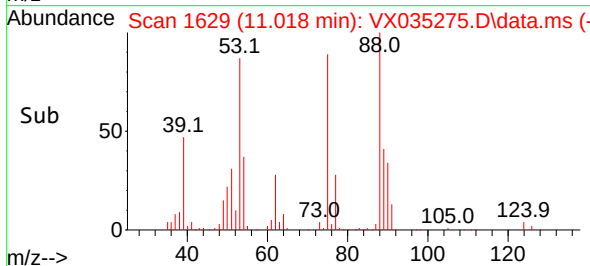
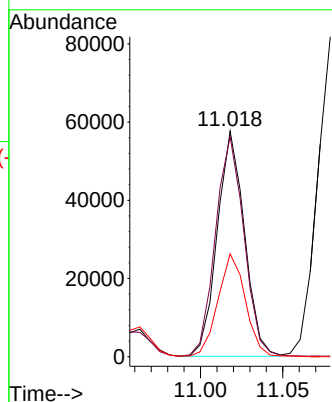
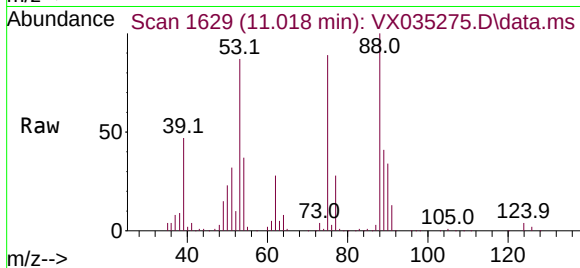
#81
trans-1,4-Dichloro-2-butene
Concen: 52.062 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 66204
Ion Ratio Lower Upper
75 100
53 102.1 82.6 124.0
89 46.2 36.9 55.3

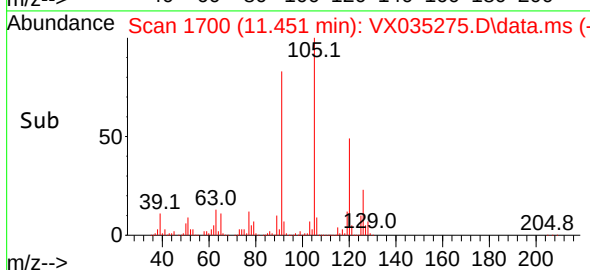
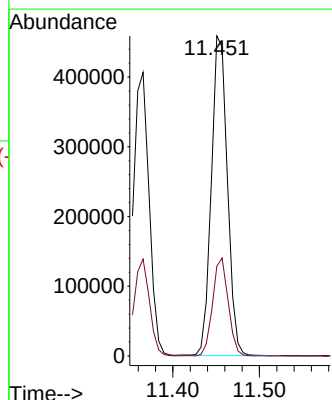
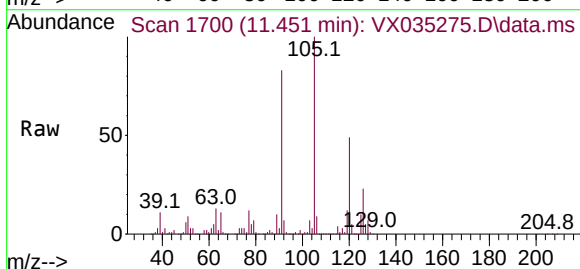
Manual Integrations
APPROVED

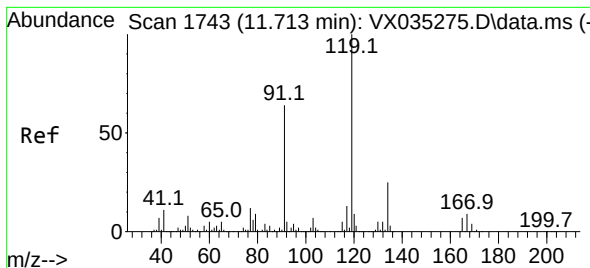
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 48.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion: 91 Resp: 590494
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.598 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 620530

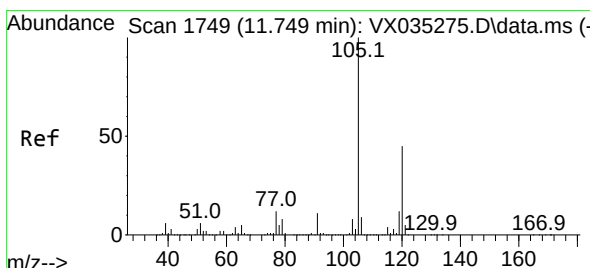
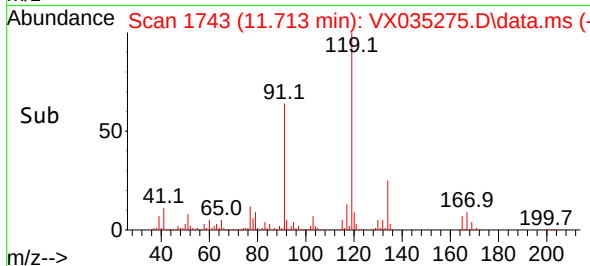
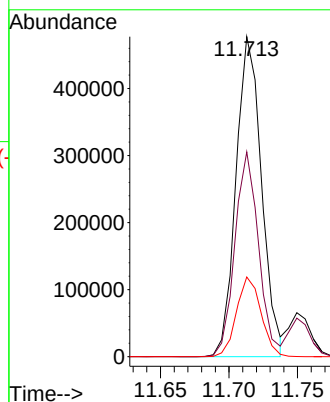
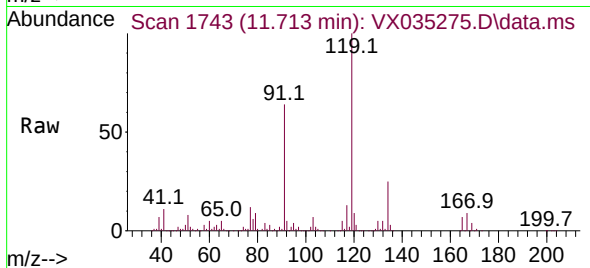
Ion	Ratio	Lower	Upper
119	100		
91	59.4	30.6	92.0
134	23.9	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.751 ug/l

RT: 11.749 min Scan# 1749

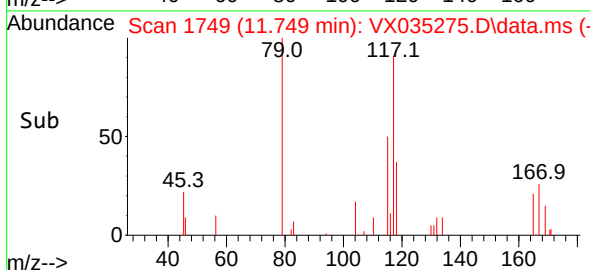
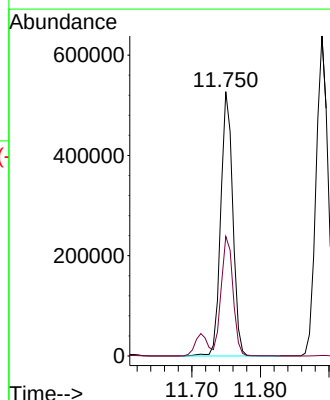
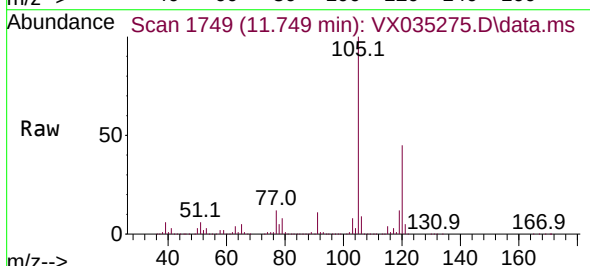
Delta R.T. 0.000 min

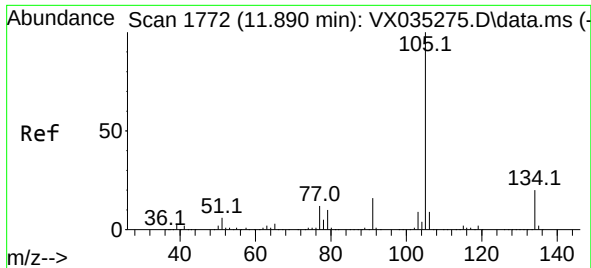
Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Tgt Ion:105 Resp: 636157

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.0





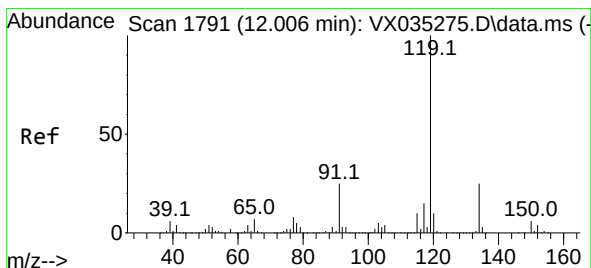
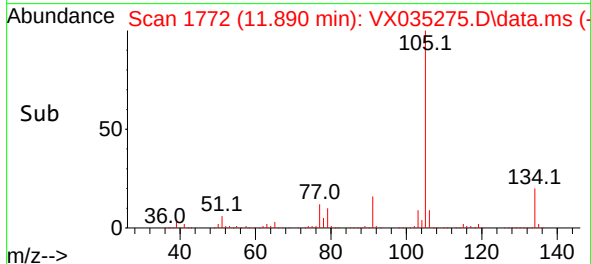
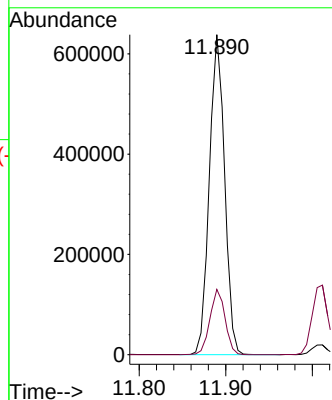
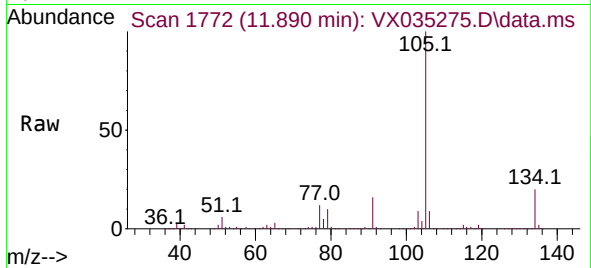
#85
 sec-Butylbenzene
 Concen: 49.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035275.D
 Acq: 25 Apr 2023 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 78055
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

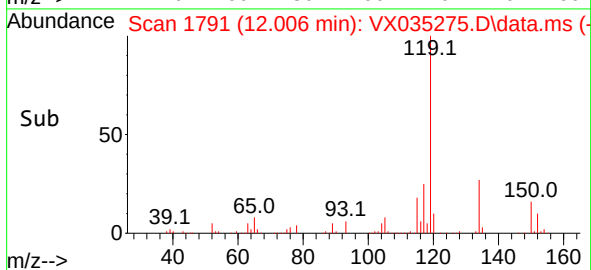
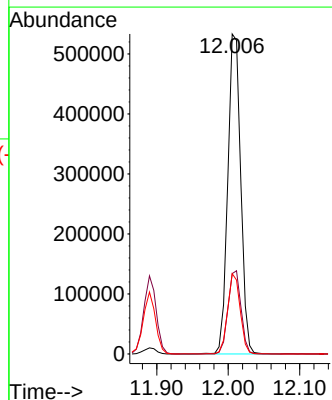
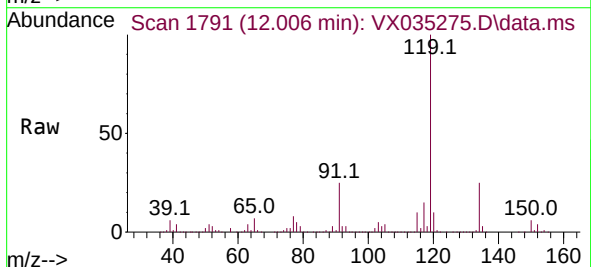
Manual Integrations
 APPROVED

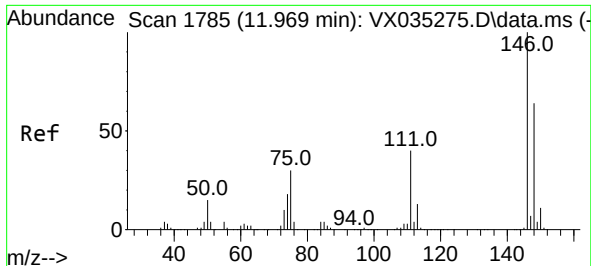
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#86
 p-Isopropyltoluene
 Concen: 50.230 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035275.D
 Acq: 25 Apr 2023 11:46

Tgt Ion:119 Resp: 669103
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.505 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 345828

Ion Ratio Lower Upper

146 100

111 40.7 20.9 62.8

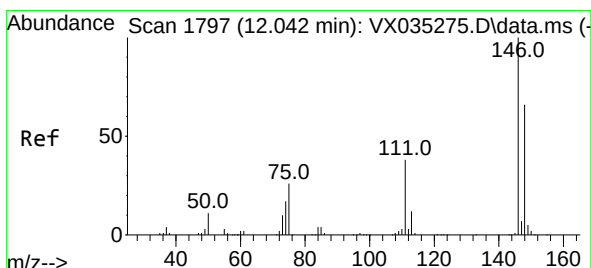
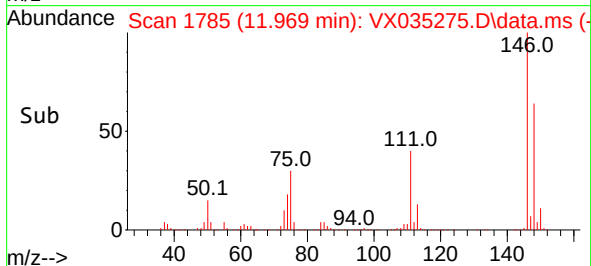
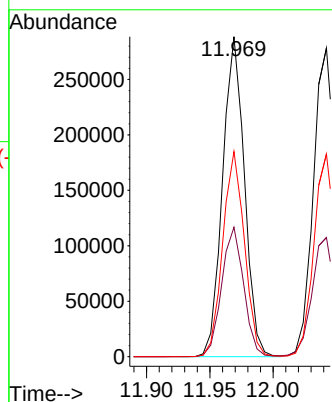
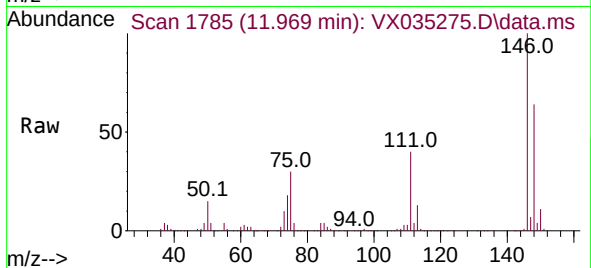
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#88

1,4-Dichlorobenzene

Concen: 46.435 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035275.D

Acq: 25 Apr 2023 11:46

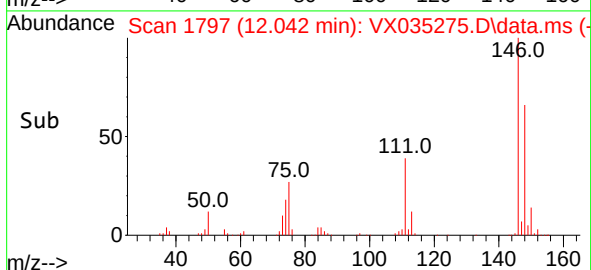
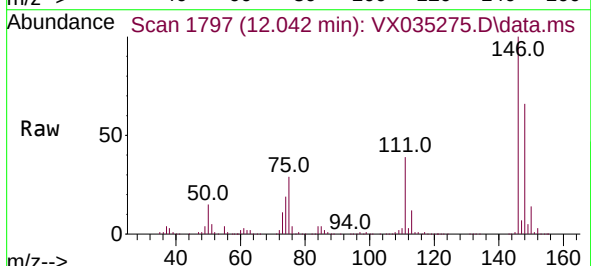
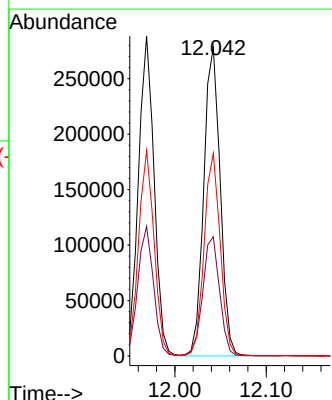
Tgt Ion:146 Resp: 347115

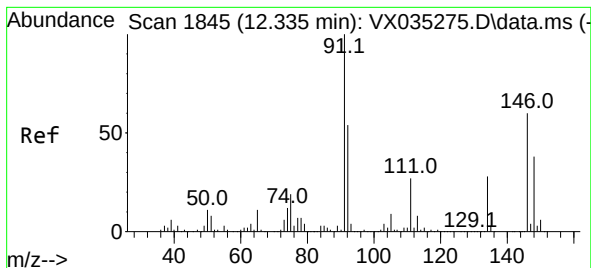
Ion Ratio Lower Upper

146 100

111 39.4 20.6 61.9

148 64.0 31.8 95.4





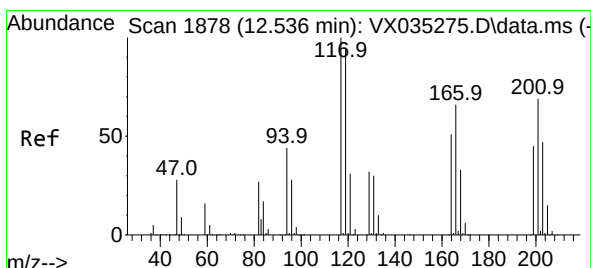
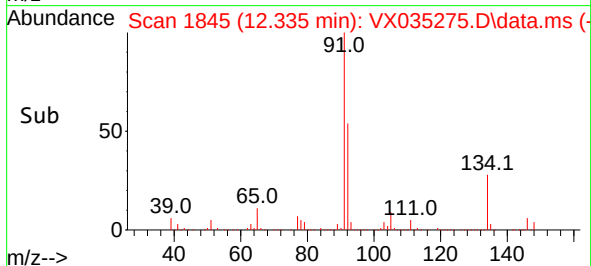
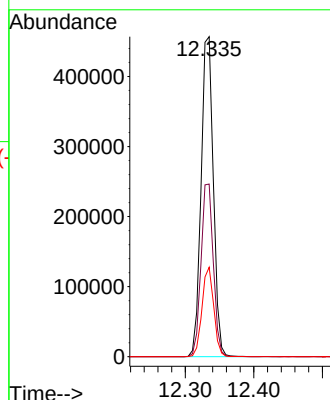
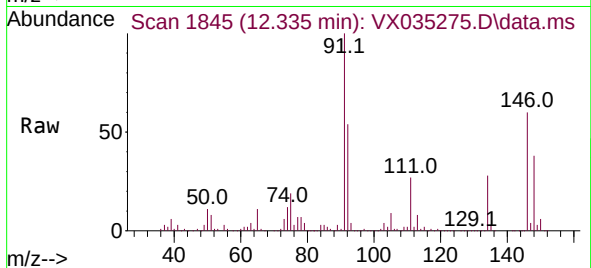
#89
n-Butylbenzene
Concen: 50.698 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 57010
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 26.7 13.0 38.9

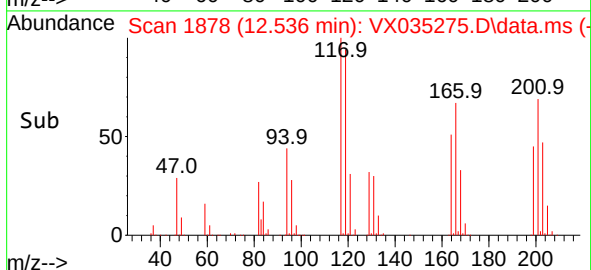
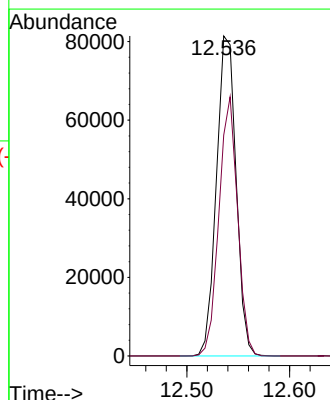
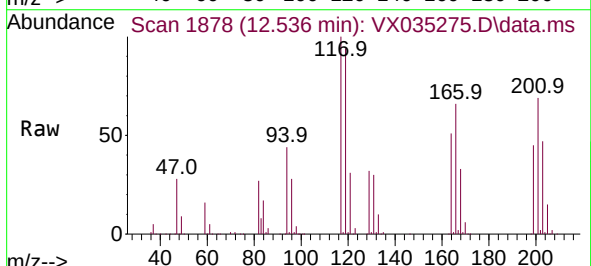
Manual Integrations
APPROVED

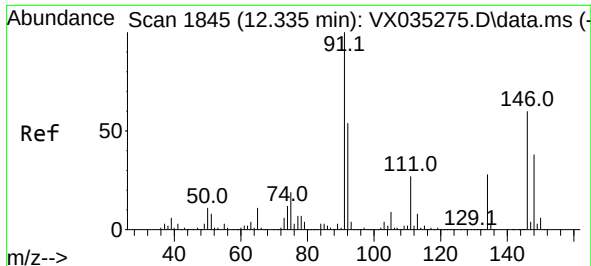
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#90
Hexachloroethane
Concen: 52.971 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

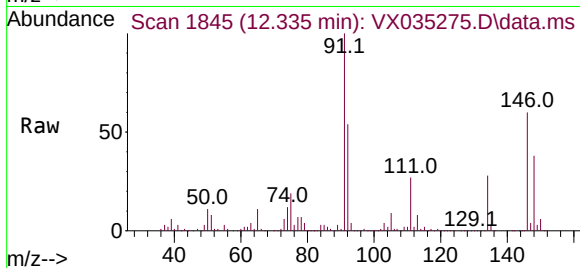
Tgt Ion:117 Resp: 108016
Ion Ratio Lower Upper
117 100
201 76.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.241 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

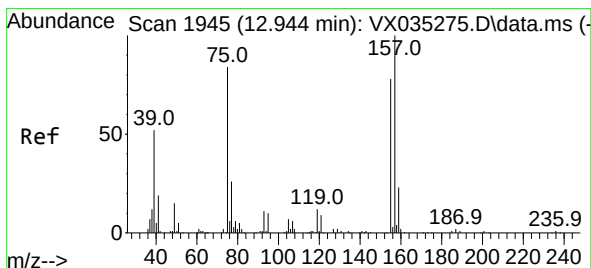
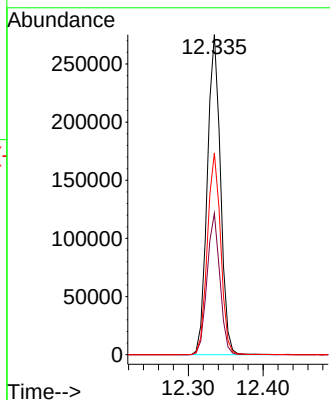
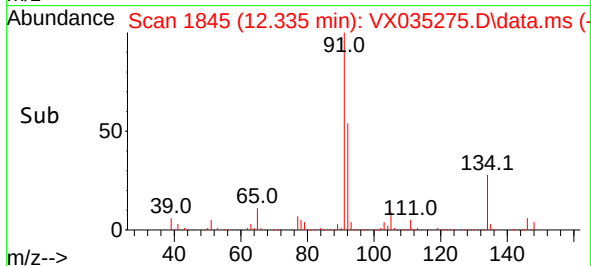
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



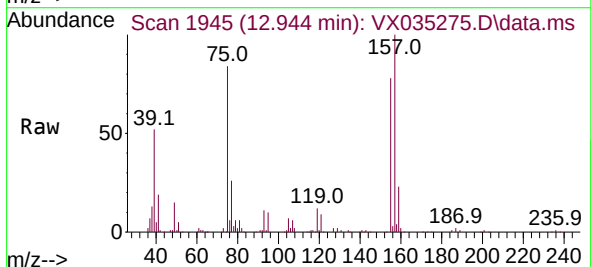
Tgt Ion:146 Resp: 33687
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

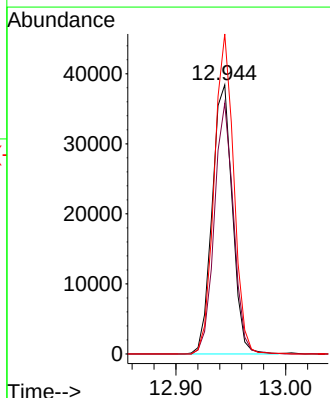
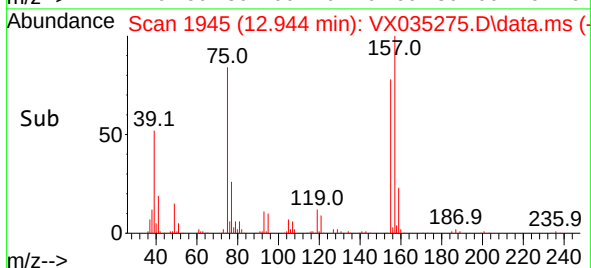
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

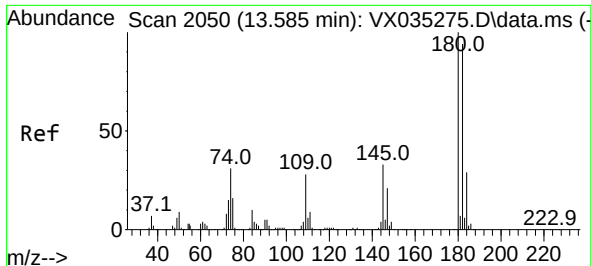


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.398 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46



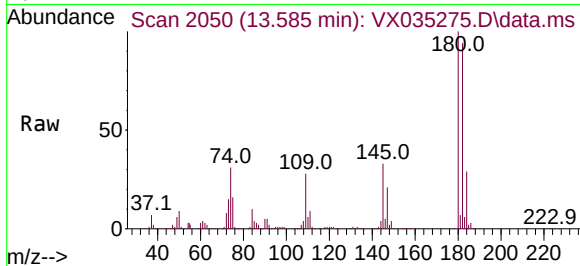
Tgt Ion: 75 Resp: 49219
Ion Ratio Lower Upper
75 100
155 88.5 38.4 115.1
157 114.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 48.727 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

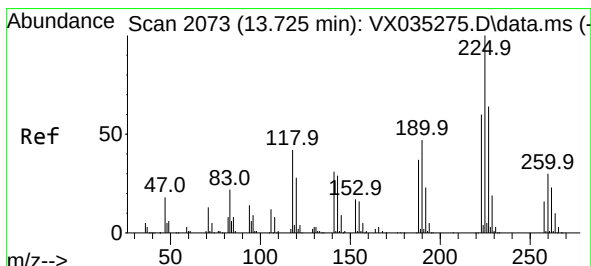
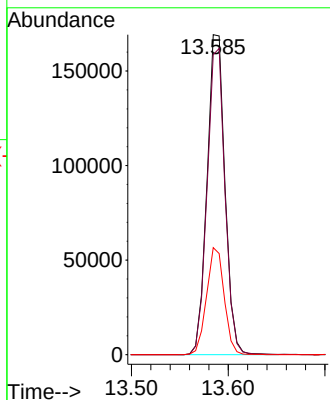
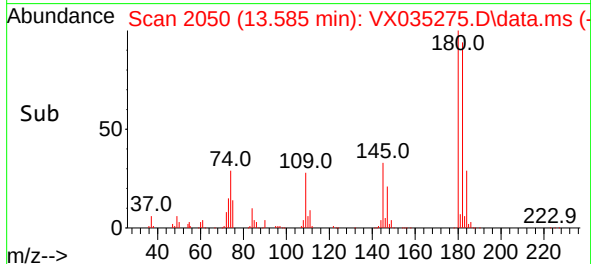
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 218408
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.0
145 32.9 15.9 47.7

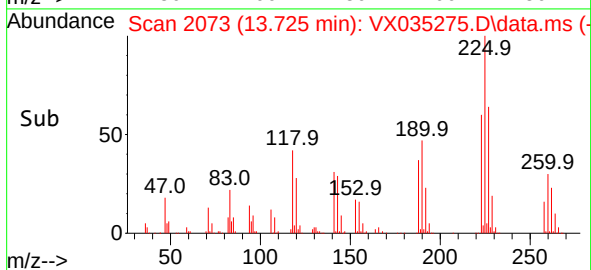
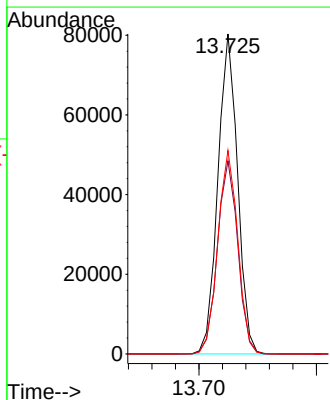
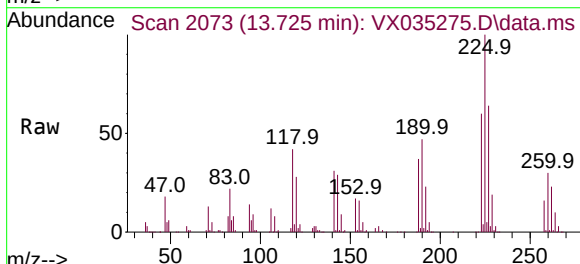
Manual Integrations
APPROVED

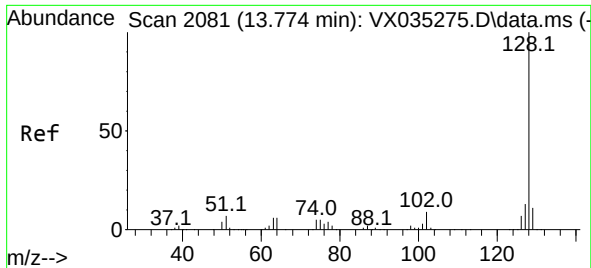
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#94
Hexachlorobutadiene
Concen: 47.501 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion:225 Resp: 93443
Ion Ratio Lower Upper
225 100
223 62.3 32.1 96.5
227 64.6 31.8 95.4





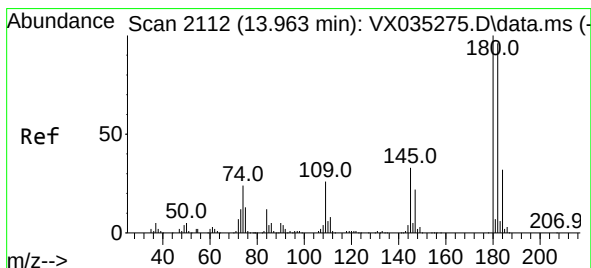
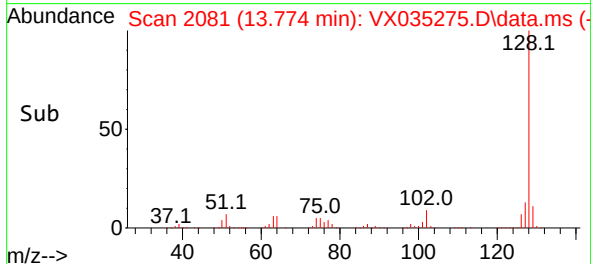
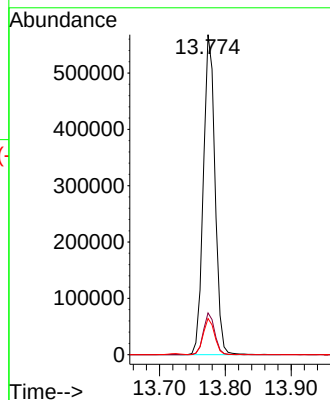
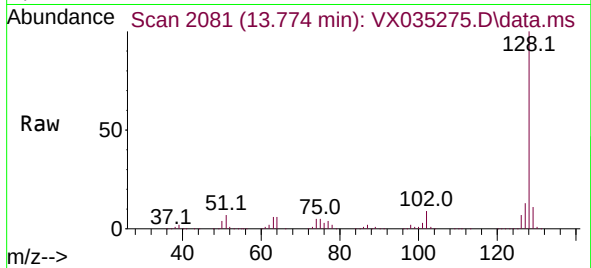
#95
Naphthalene
Concen: 50.680 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 69932
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.855 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035275.D
Acq: 25 Apr 2023 11:46

Tgt Ion:180 Resp: 215930
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.2
145 33.8 17.7 53.1

