

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122322\
 Data File : VX033558.D
 Acq On : 23 Dec 2022 12:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 00:28:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 24 00:26:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	199666	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45374	42.720	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.440%			
7) Chloroethane-d5	1.672	69	47048	56.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.280%			
11) 1,1-Dichloroethene-d2	2.313	63	101274	59.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 119.440%			
21) 2-Butanone-d5	4.458	46	89098	115.482	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.480%			
24) Chloroform-d	5.062	84	136593	51.875	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.740%			
26) 1,2-Dichloroethane-d4	5.958	65	89015	54.523	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.040%			
32) Benzene-d6	5.976	84	248626	47.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.580%			
36) 1,2-Dichloropropane-d6	7.306	67	76733	49.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.920%			
41) Toluene-d8	8.647	98	240900	47.212	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.420%			
43) trans-1,3-Dichloroprop...	8.952	79	37254	50.171	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.340%			
47) 2-Hexanone-d5	9.384	63	69508	110.389	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.390%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	113393	53.840	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.680%			
66) 1,2-Dichlorobenzene-d4	12.323	152	96500	49.192	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25475	52.862	ug/L	99
3) Chloromethane	1.294	50	29207	48.271	ug/L	97
5) Vinyl chloride	1.374	62	37222	46.555	ug/L	96
6) Bromomethane	1.618	94	26365	55.430	ug/L	97
8) Chloroethane	1.691	64	30122	56.629	ug/L	93
9) Trichlorofluoromethane	1.892	101	67562	51.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	51820	61.552	ug/L	99
12) 1,1-Dichloroethene	2.325	96	44659	58.991	ug/L #	81
13) Acetone	2.392	43	53519	107.991	ug/L	99
14) Carbon disulfide	2.514	76	108512	47.105	ug/L	100
15) Methyl Acetate	2.709	43	53678	54.172	ug/L	96
16) Methylene chloride	2.794	84	52836	46.621	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	50439	44.980	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	181315	51.017	ug/L	98
19) 1,1-Dichloroethane	3.611	63	94809	48.713	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	61728	46.968	ug/L	99
22) 2-Butanone	4.562	43	78305	95.942	ug/L	96
23) Bromochloromethane	4.904	128	33704	47.908	ug/L	94
25) Chloroform	5.099	83	112421	49.711	ug/L	99

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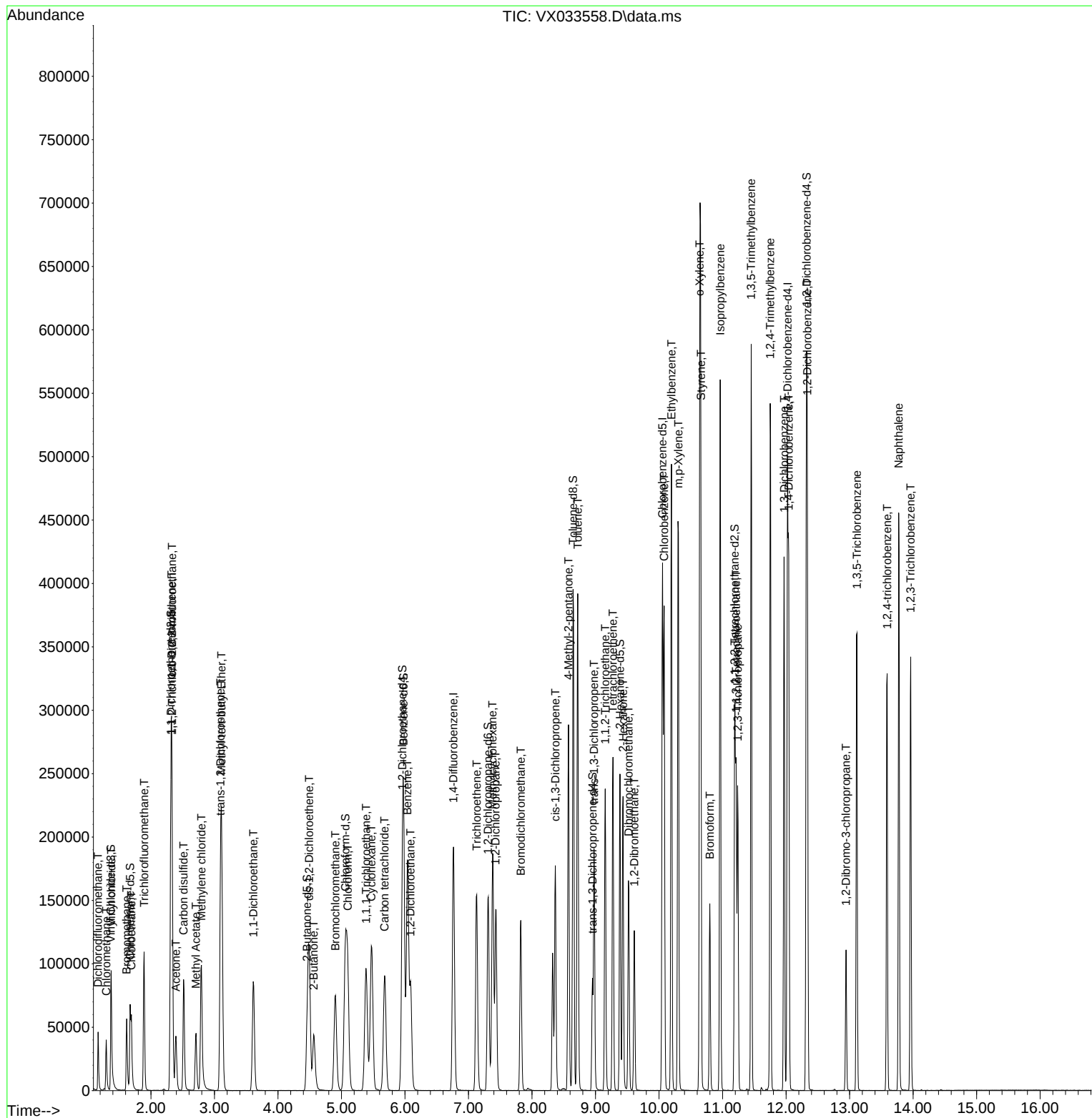
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93153	53.999	ug/L	100
29) Cyclohexane	5.470	56	77980	43.344	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	97922	45.740	ug/L	98
31) Carbon tetrachloride	5.678	117	84920	44.697	ug/L	99
33) Benzene	6.037	78	223960	45.779	ug/L	100
34) Trichloroethene	7.129	95	60398	44.274	ug/L	97
35) Methylcyclohexane	7.379	83	88488	44.260	ug/L	98
37) 1,2-Dichloropropane	7.427	63	57822	47.929	ug/L	98
38) Bromodichloromethane	7.824	83	86774	48.739	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	91347	46.601	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	158609	106.158	ug/L	98
42) Toluene	8.720	91	252232	45.616	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	90822	49.349	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	63993	49.002	ug/L	98
46) Tetrachloroethene	9.275	164	49538	43.025	ug/L	97
48) 2-Hexanone	9.433	43	120890	101.874	ug/L	99
49) Dibromochloromethane	9.519	129	74964	49.155	ug/L	98
50) 1,2-Dibromoethane	9.610	107	68602	48.664	ug/L	97
51) Chlorobenzene	10.079	112	170230	46.394	ug/L	99
52) Ethylbenzene	10.195	91	279433	46.128	ug/L	100
53) m,p-Xylene	10.305	106	112067	46.382	ug/L	96
54) o-Xylene	10.640	106	111122	47.025	ug/L	97
55) Styrene	10.659	104	191277	48.029	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	96913	50.750	ug/L	99
59) Bromoform	10.799	173	53595	48.671	ug/L	99
60) Isopropylbenzene	10.963	105	290247	46.417	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	76127	51.110	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	249400	46.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	247787	47.447	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	131472	46.032	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	132394	45.825	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	134152	47.595	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20859	52.094	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	89785	46.982	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	82338	47.567	ug/L	98
71) Naphthalene	13.774	128	285558	50.491	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	83873	48.554	ug/L	98

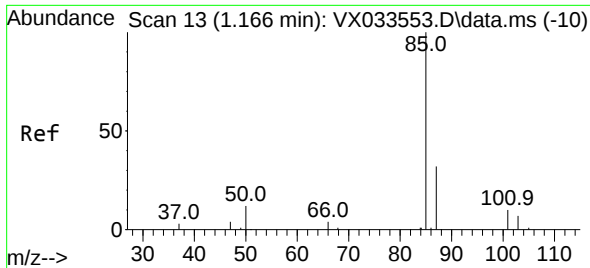
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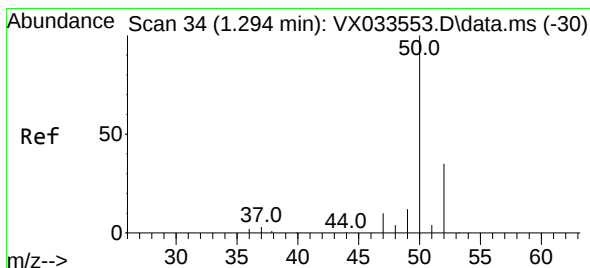
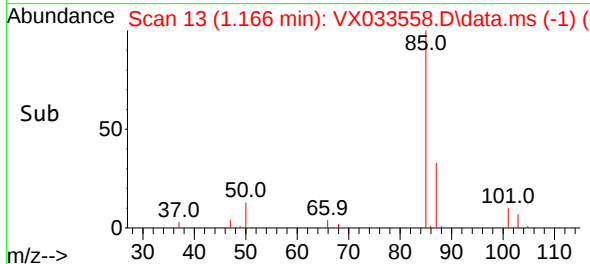
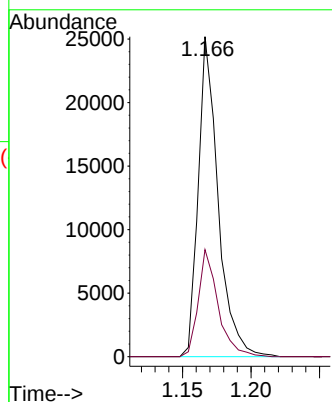
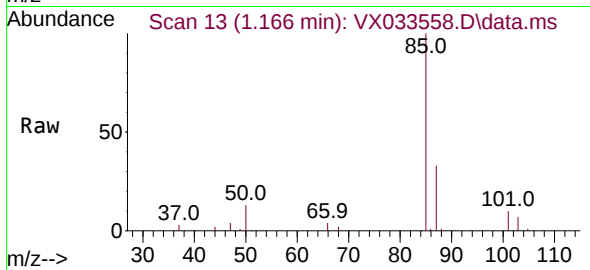




#2
Dichlorodifluoromethane
Concen: 52.862 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

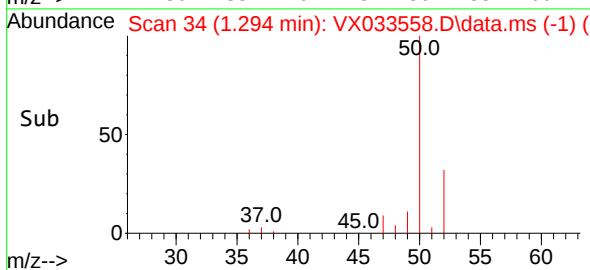
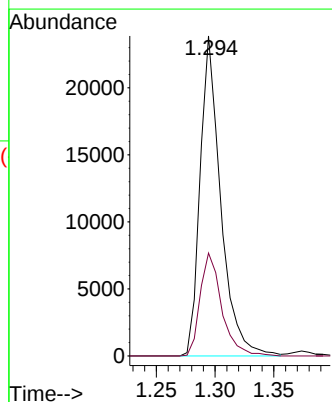
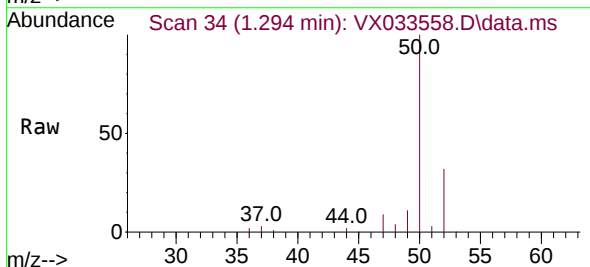
Instrument :
MSVOA_X
ClientSampleId :

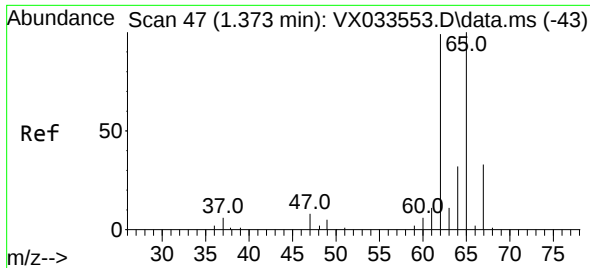
Tgt Ion: 85 Resp: 25475
Ion Ratio Lower Upper
85 100
87 33.4 26.1 39.1



#3
Chloromethane
Concen: 48.271 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

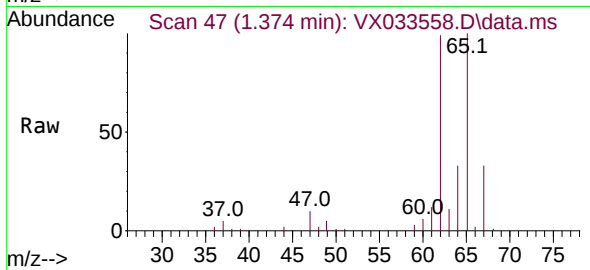
Tgt Ion: 50 Resp: 29207
Ion Ratio Lower Upper
50 100
52 32.1 23.7 43.9



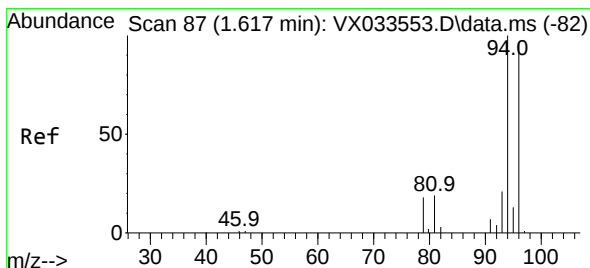
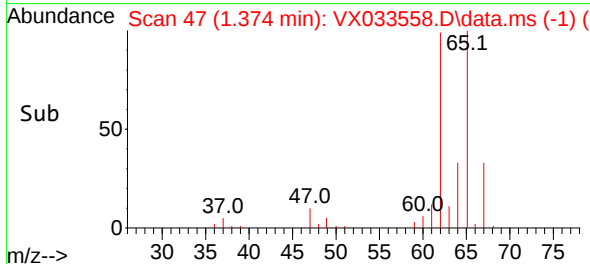
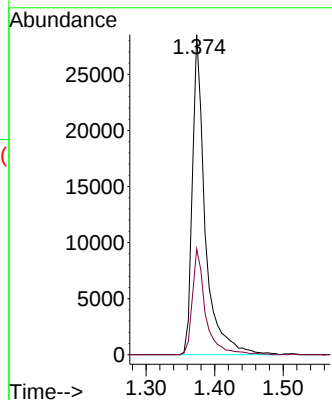


#5
 Vinyl chloride
 Concen: 46.555 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033558.D
 Acq: 23 Dec 2022 12:25

Instrument :
 MSVOA_X
 ClientSampleId :

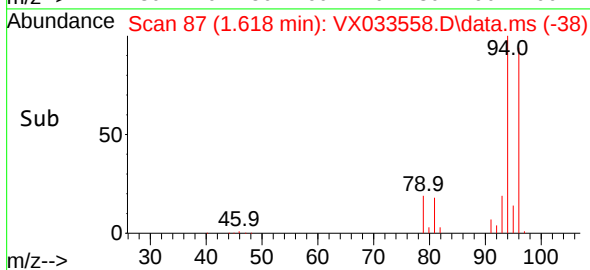
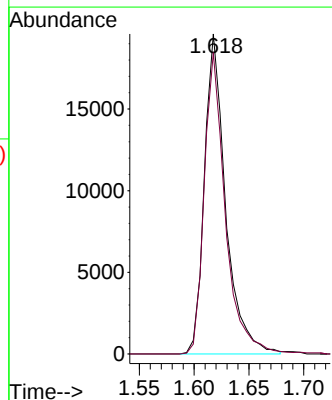
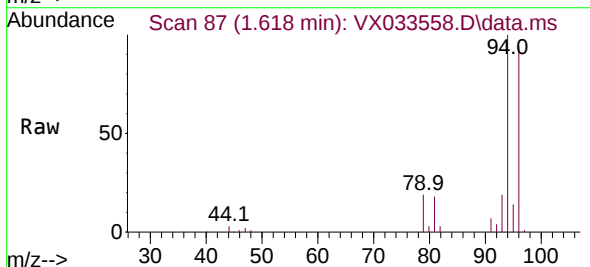


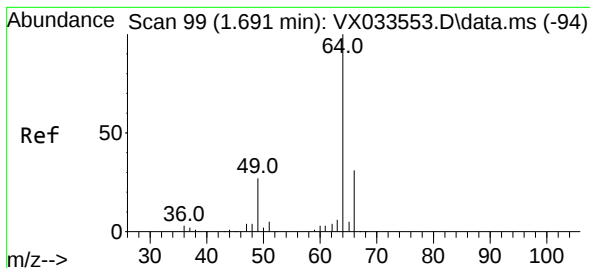
Tgt Ion: 62 Resp: 37222
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.8 46.1



#6
 Bromomethane
 Concen: 55.430 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX033558.D
 Acq: 23 Dec 2022 12:25

Tgt Ion: 94 Resp: 26365
 Ion Ratio Lower Upper
 94 100
 96 94.2 68.0 126.2





#8

Chloroethane

Concen: 56.629 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

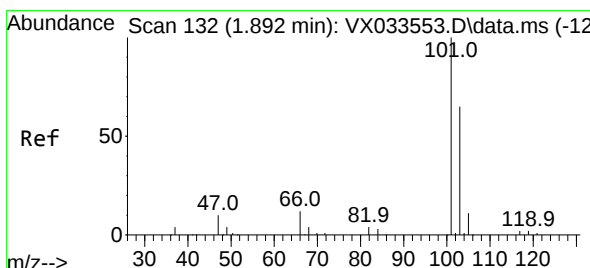
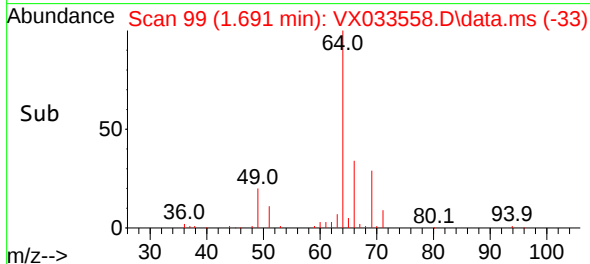
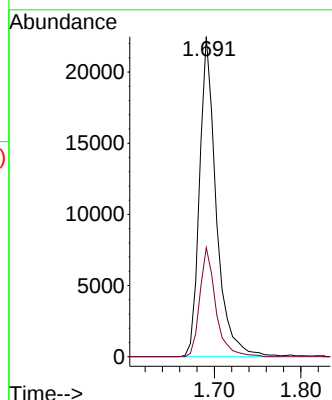
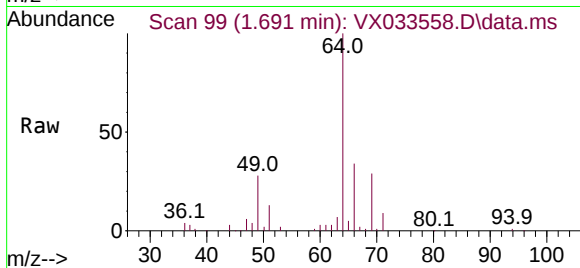
ClientSampleId :

Tgt Ion: 64 Resp: 30122

Ion Ratio Lower Upper

64 100

66 34.0 21.3 39.6



#9

Trichlorofluoromethane

Concen: 51.059 ug/L

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX033558.D

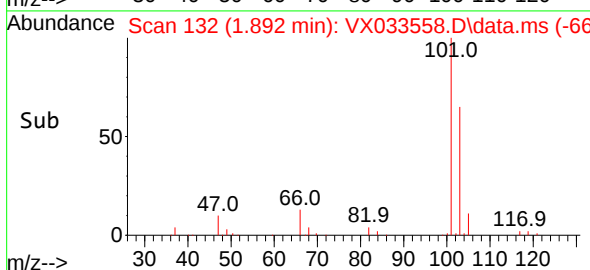
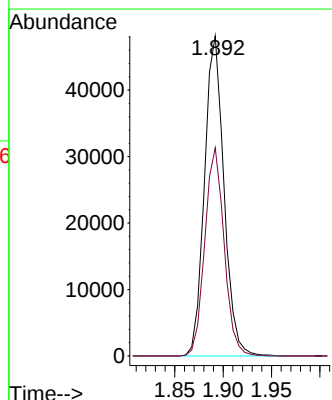
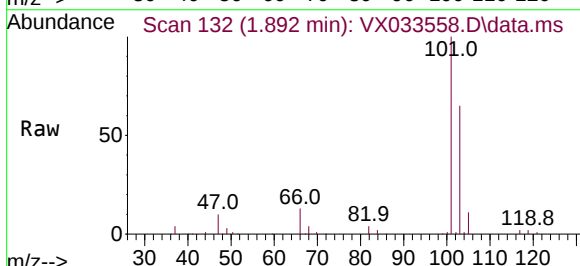
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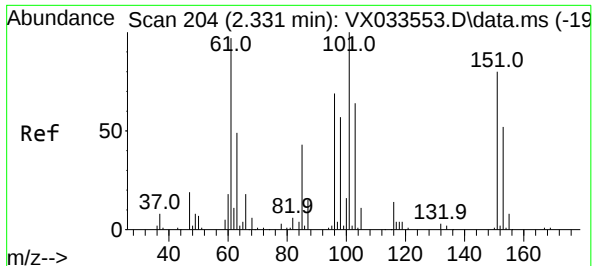
Tgt Ion: 101 Resp: 67562

Ion Ratio Lower Upper

101 100

103 64.6 51.8 77.6

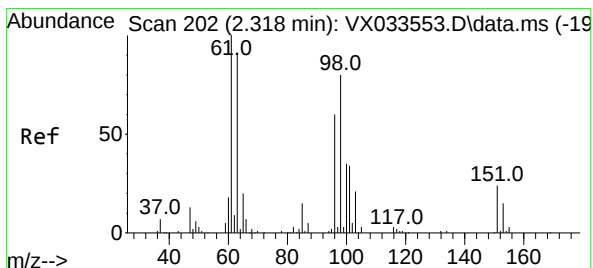
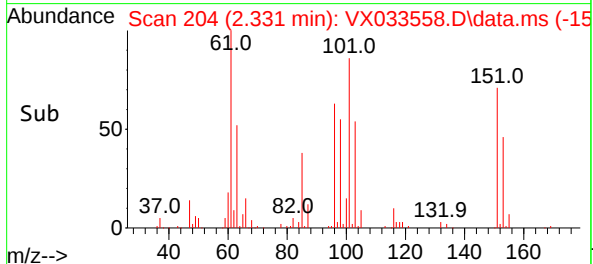
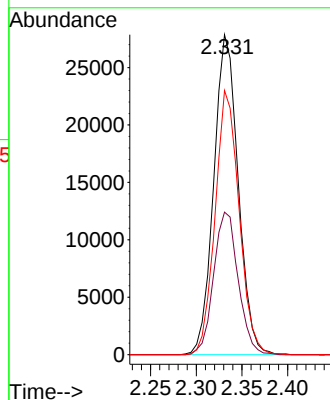
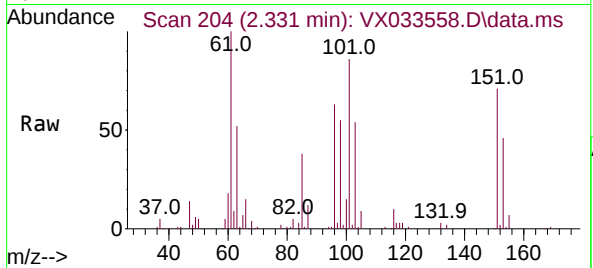




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 61.552 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033558.D
 Acq: 23 Dec 2022 12:25

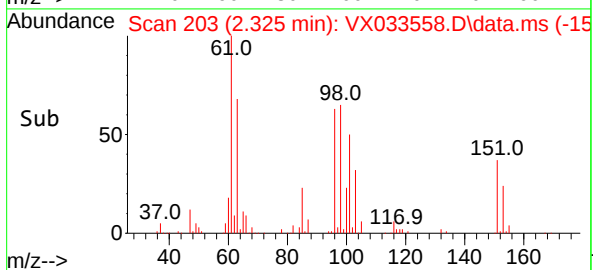
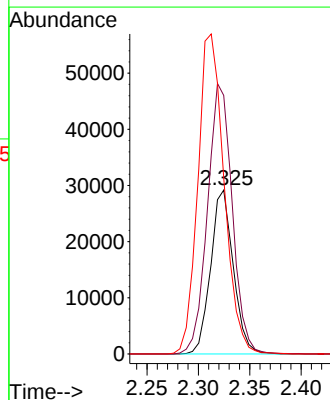
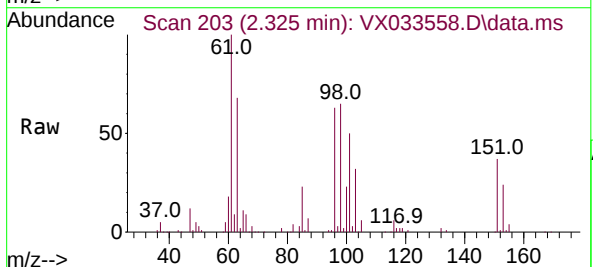
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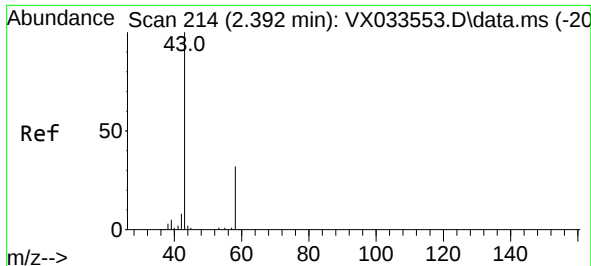
Tgt Ion:101 Resp: 51820
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.0 52.6
 151 81.1 65.7 98.5



#12
 1,1-Dichloroethene
 Concen: 58.991 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX033558.D
 Acq: 23 Dec 2022 12:25

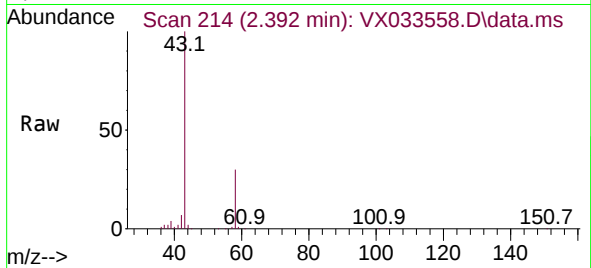
Tgt Ion: 96 Resp: 44659
 Ion Ratio Lower Upper
 96 100
 61 157.8 111.6 207.2
 63 107.5 108.6 201.6#



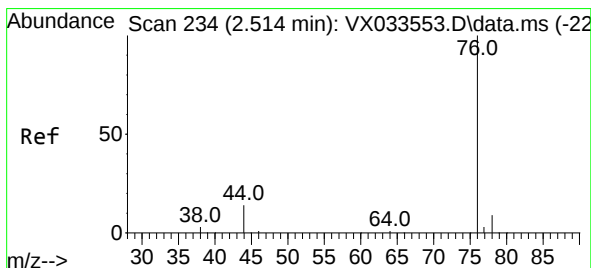
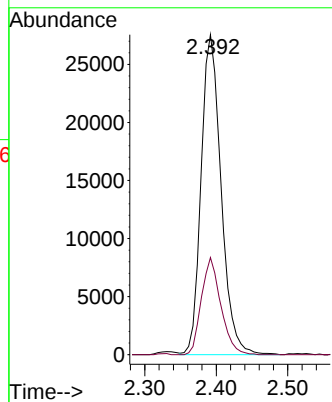
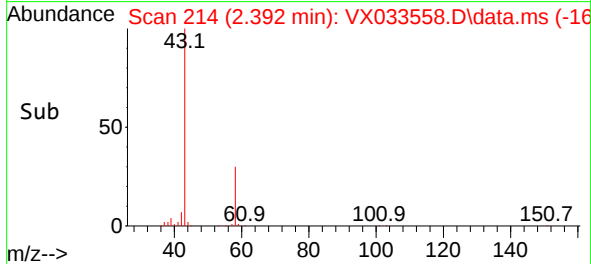


#13
Acetone
Concen: 107.991 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

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ClientSampleId :

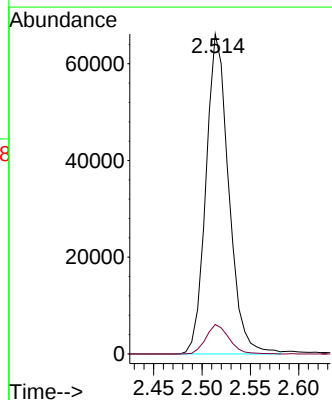
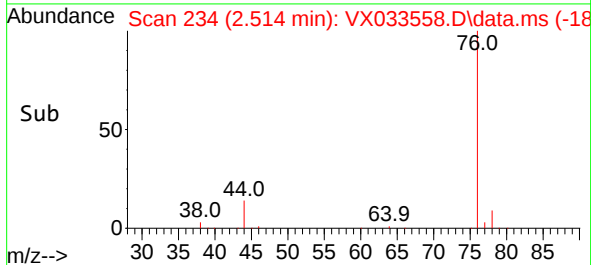
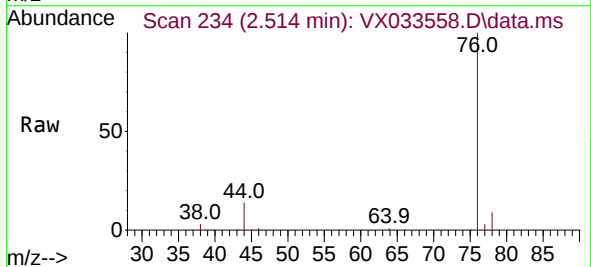


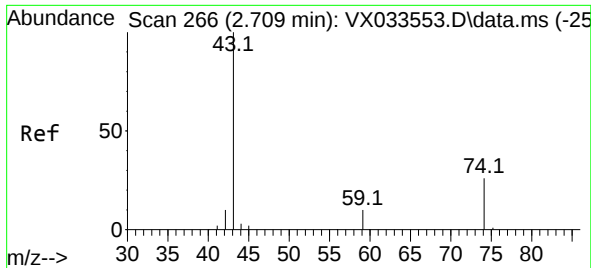
Tgt Ion: 43 Resp: 53519
Ion Ratio Lower Upper
43 100
58 29.4 0.0 60.0



#14
Carbon disulfide
Concen: 47.105 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033558.D
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Tgt Ion: 76 Resp: 108512
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

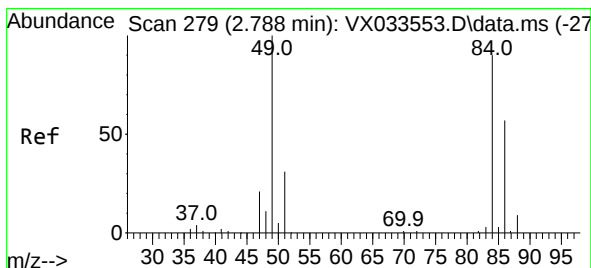
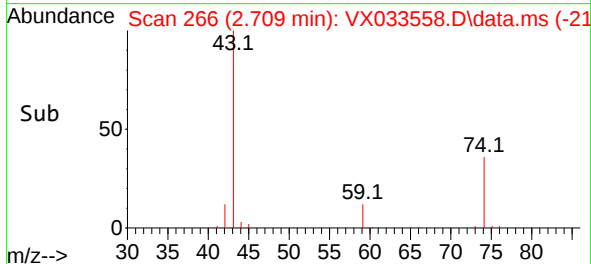
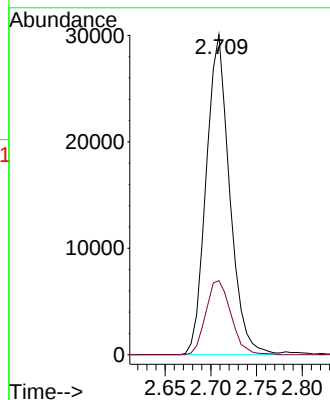
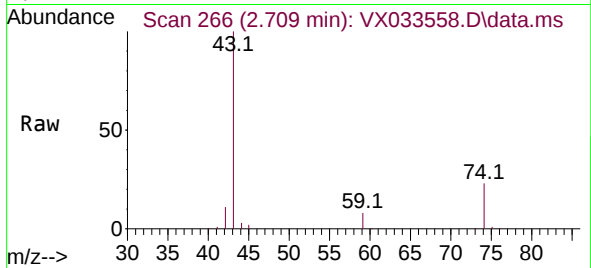




#15
Methyl Acetate
Concen: 54.172 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

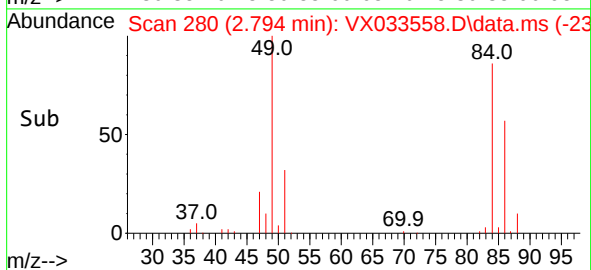
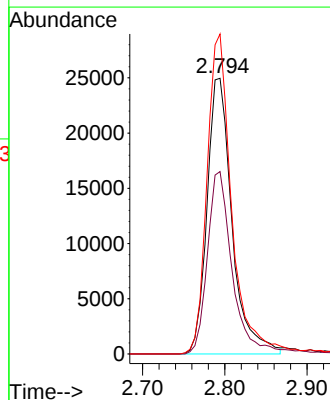
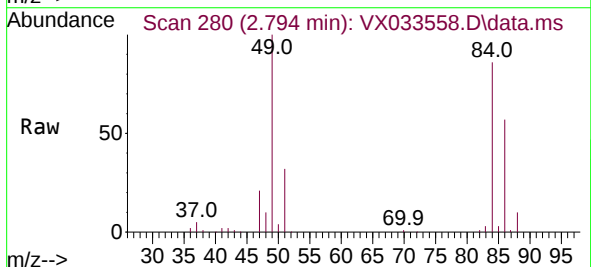
Instrument :
MSVOA_X
ClientSampleId :

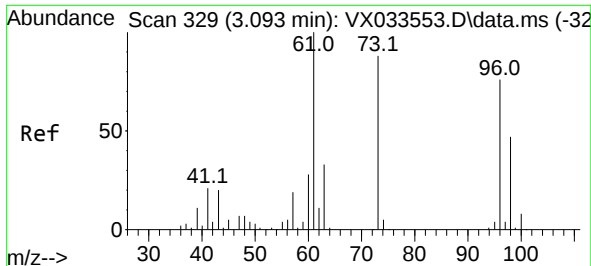
Tgt Ion: 43 Resp: 53678
Ion Ratio Lower Upper
43 100
74 24.8 21.4 32.0



#16
Methylene chloride
Concen: 46.621 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 84 Resp: 52836
Ion Ratio Lower Upper
84 100
86 66.1 44.0 81.6
49 116.1 77.2 143.4

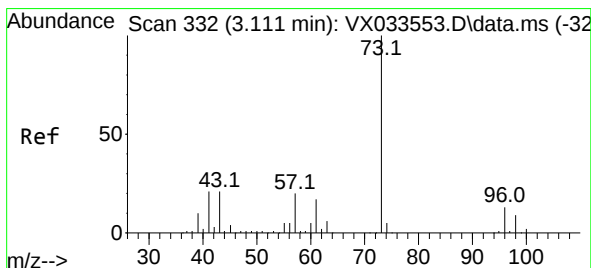
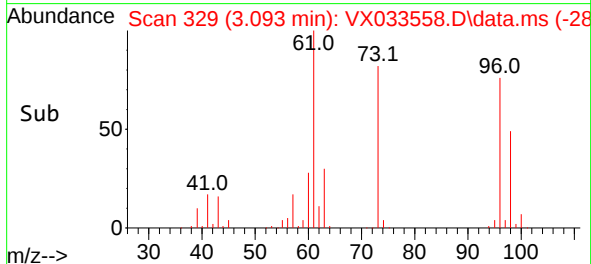
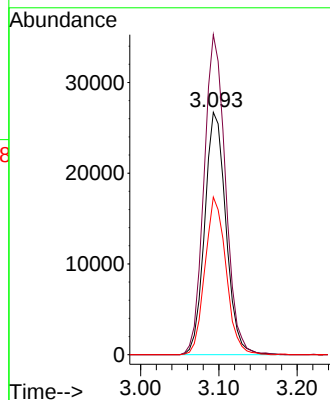
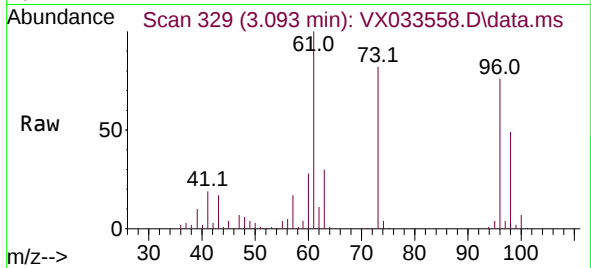




#17
trans-1,2-Dichloroethene
Concen: 44.980 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

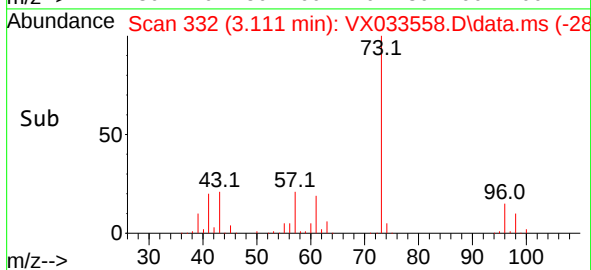
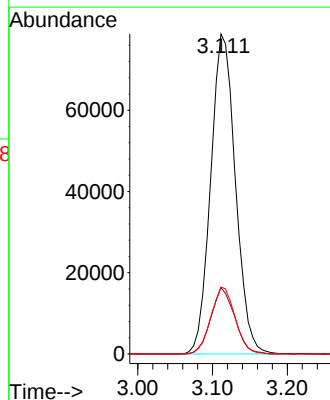
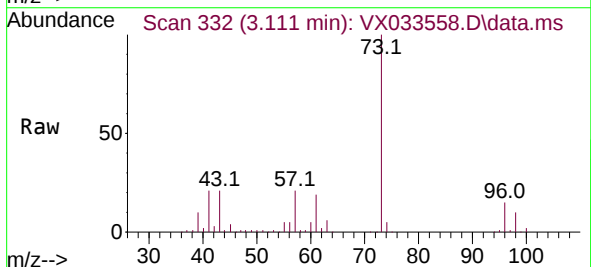
Instrument :
MSVOA_X
ClientSampleId :

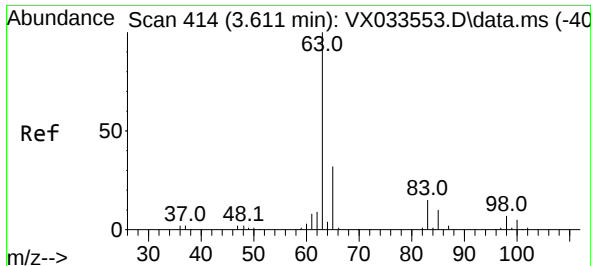
Tgt Ion: 96 Resp: 50439
Ion Ratio Lower Upper
96 100
61 132.0 90.6 168.2
98 65.0 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 51.017 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 73 Resp: 181315
Ion Ratio Lower Upper
73 100
43 20.0 14.7 22.1
57 20.5 16.4 24.6





#19

1,1-Dichloroethane

Concen: 48.713 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX033558.D

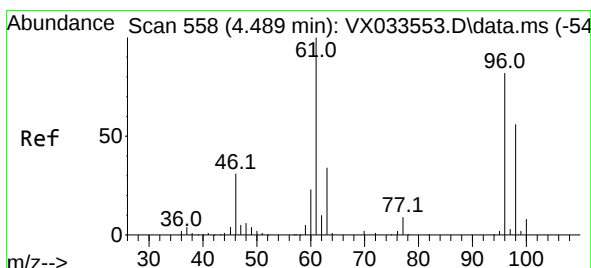
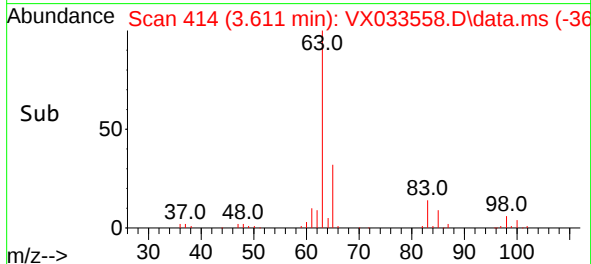
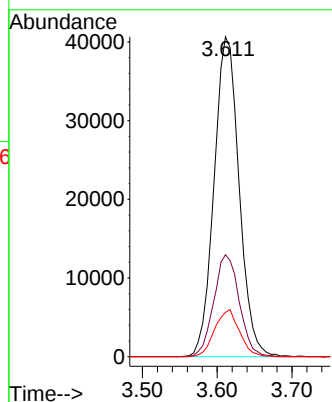
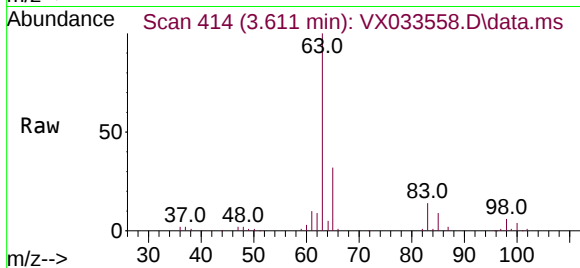
Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 94809
Ion Ratio	Lower Upper
63 100	
65 31.8	21.8 40.6
83 13.9	9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 46.968 ug/L

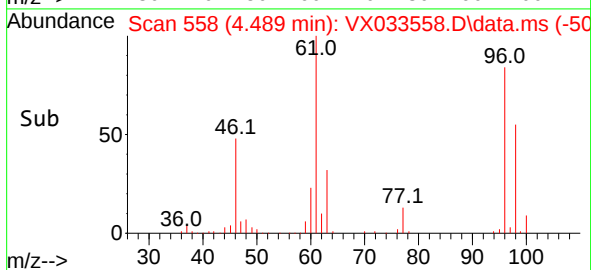
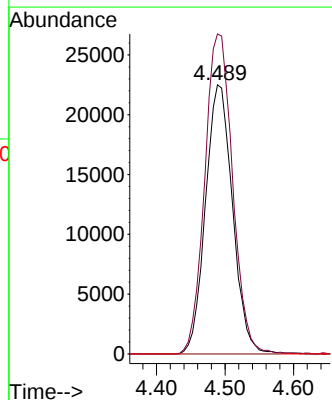
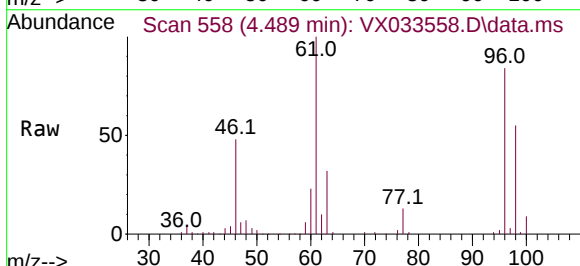
RT: 4.489 min Scan# 558

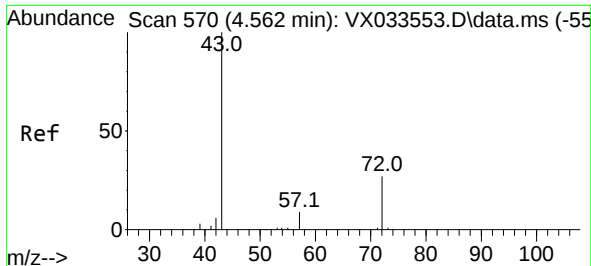
Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Tgt Ion: 96	Resp: 61728
Ion Ratio	Lower Upper
96 100	
61 118.9	82.7 153.7
68 0.0	0.0 0.0

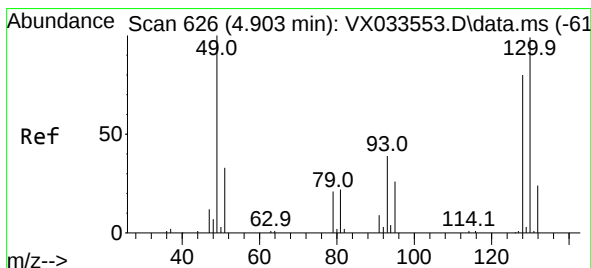
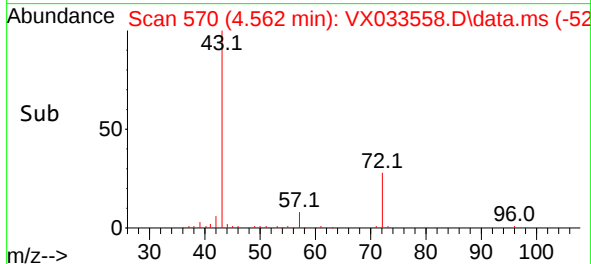
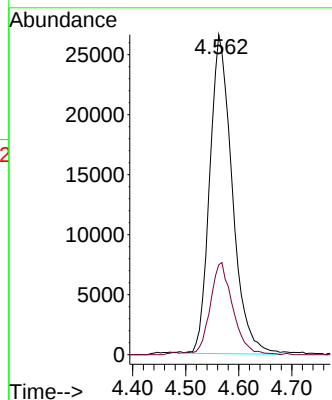
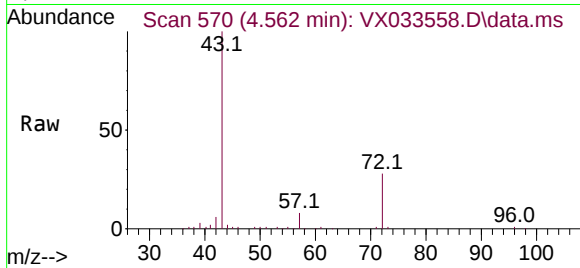




#22
2-Butanone
Concen: 95.942 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

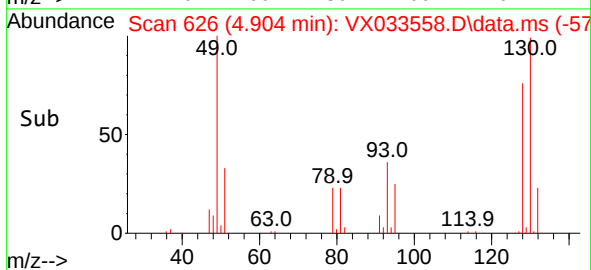
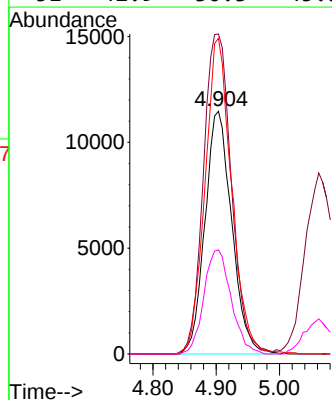
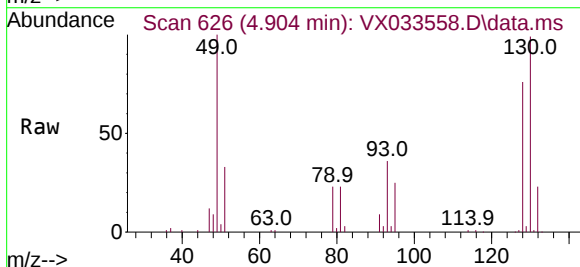
Instrument :
MSVOA_X
ClientSampleId :

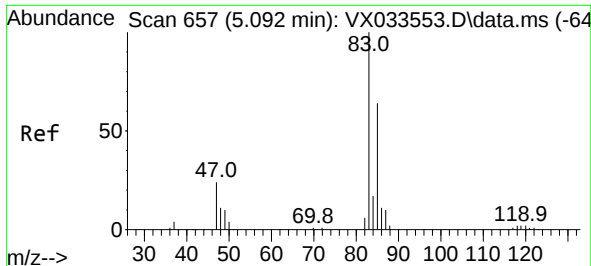
Tgt Ion: 43 Resp: 78305
Ion Ratio Lower Upper
43 100
72 27.1 14.6 44.0



#23
Bromochloromethane
Concen: 47.908 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 128 Resp: 33704
Ion Ratio Lower Upper
128 100
49 131.9 89.2 165.8
130 130.1 85.8 159.3
51 42.9 30.3 45.5

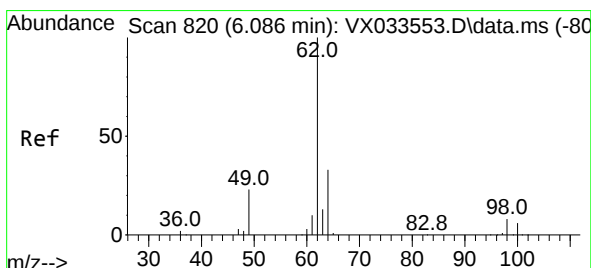
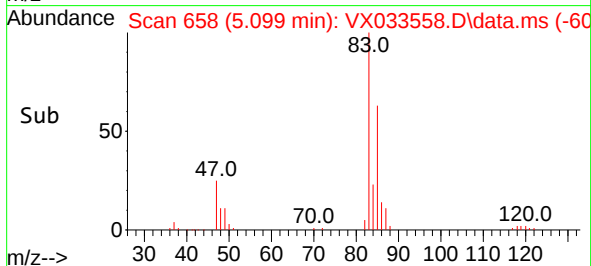
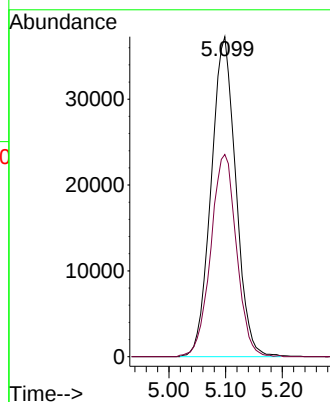
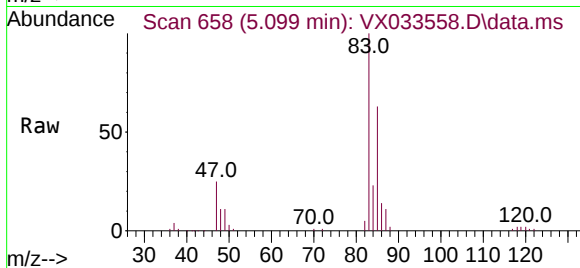




#25
Chloroform
Concen: 49.711 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

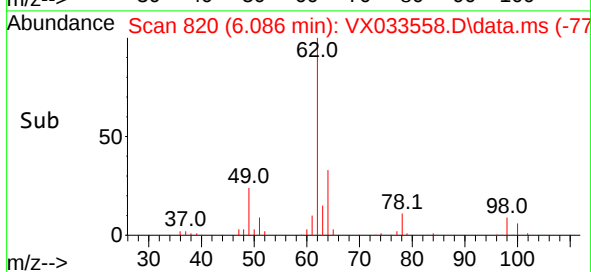
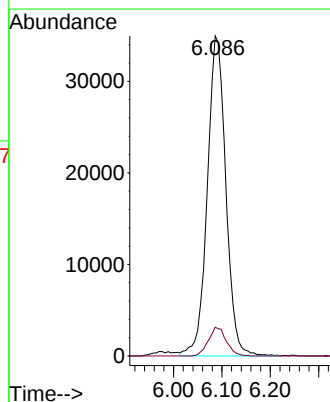
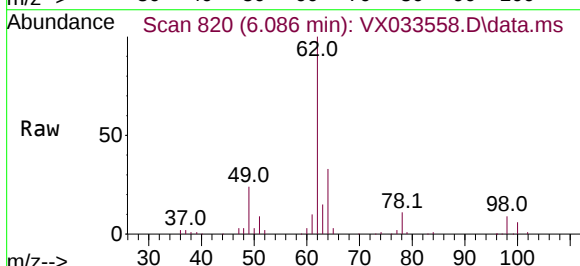
Instrument :
MSVOA_X
ClientSampleId :

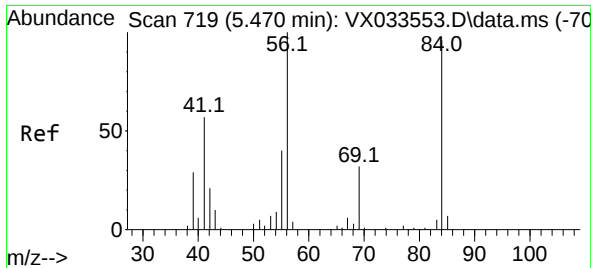
Tgt Ion: 83 Resp: 112421
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.3



#27
1,2-Dichloroethane
Concen: 53.999 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 62 Resp: 93153
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#29

Cyclohexane

Concen: 43.344 ug/L

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

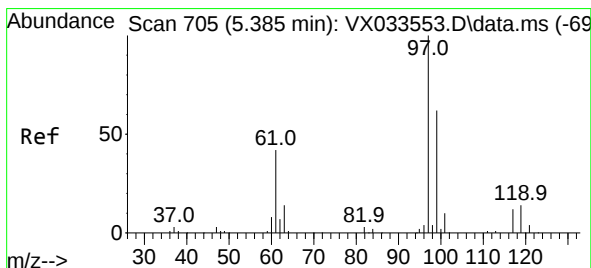
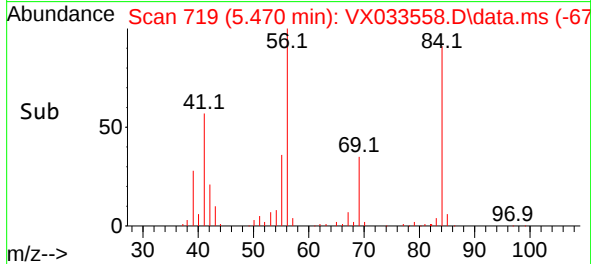
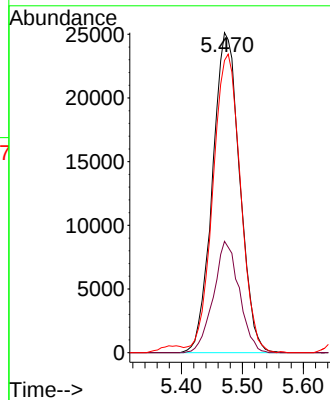
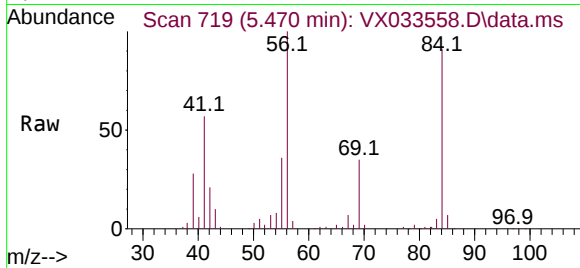
Tgt Ion: 56 Resp: 77980

Ion Ratio Lower Upper

56 100

69 32.8 26.3 39.5

84 94.5 75.6 113.4



#30

1,1,1-Trichloroethane

Concen: 45.740 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

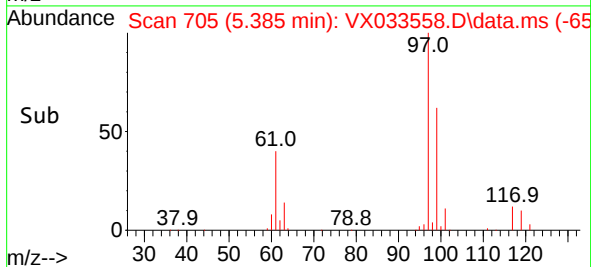
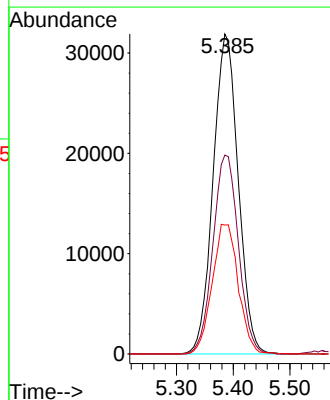
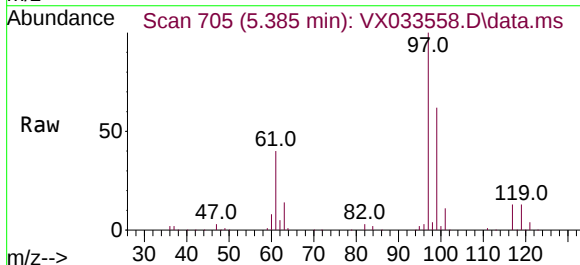
Tgt Ion: 97 Resp: 97922

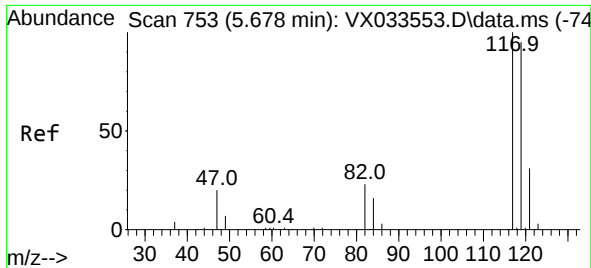
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

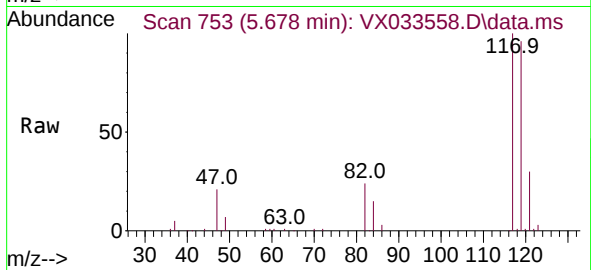
61 42.1 32.4 48.6



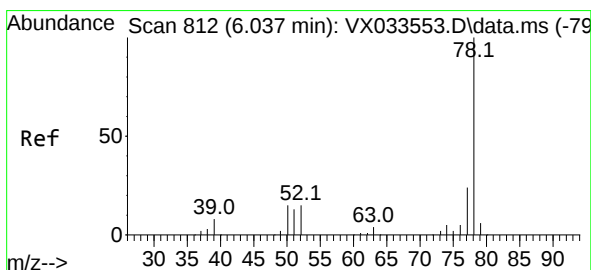
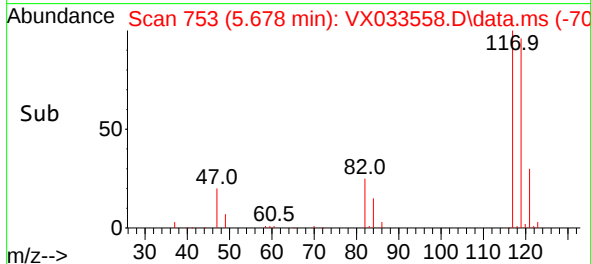
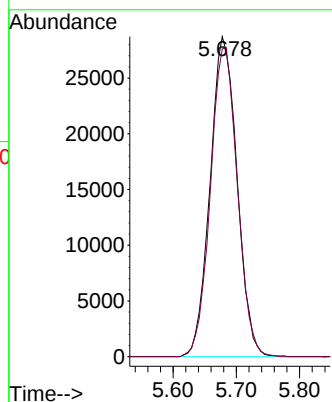


#31
Carbon tetrachloride
Concen: 44.697 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :

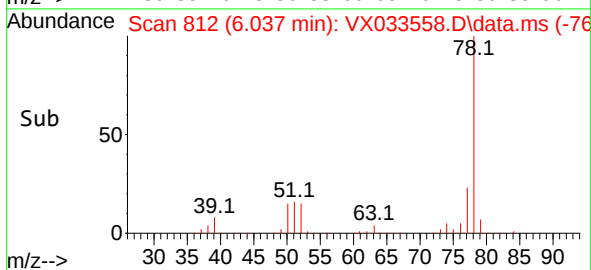
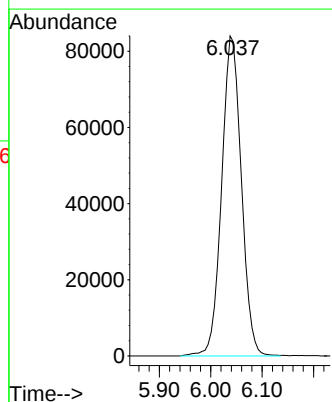
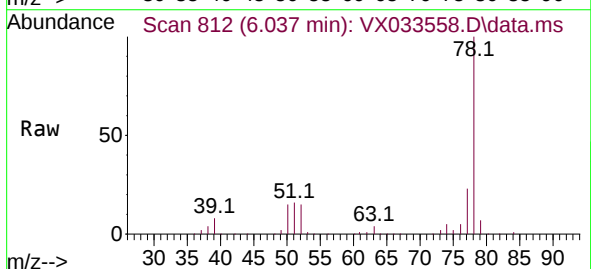


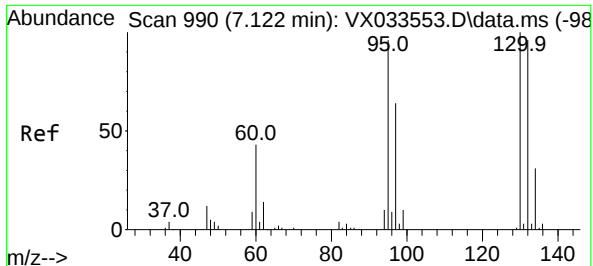
Tgt Ion:117 Resp: 84920
Ion Ratio Lower Upper
117 100
119 96.8 77.9 116.9



#33
Benzene
Concen: 45.779 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 78 Resp: 223960

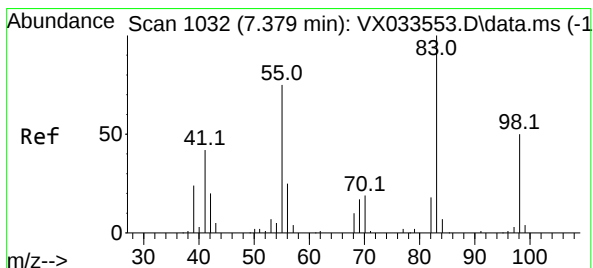
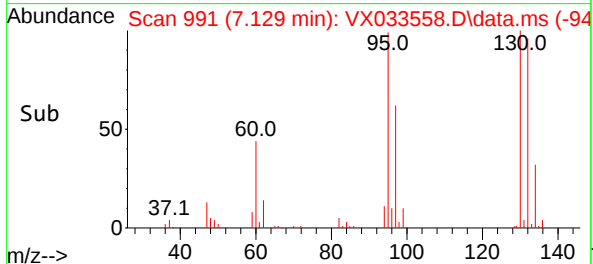
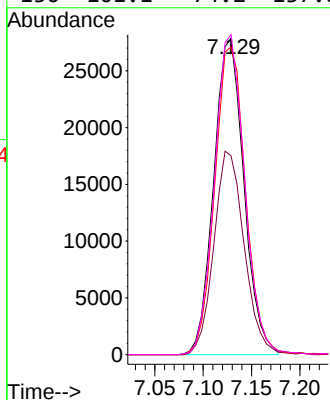
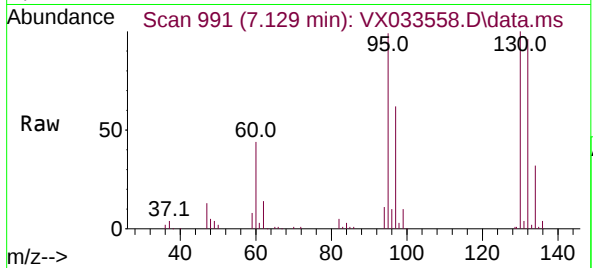




#34
Trichloroethene
Concen: 44.274 ug/L
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

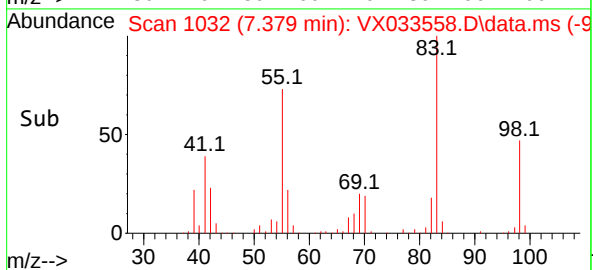
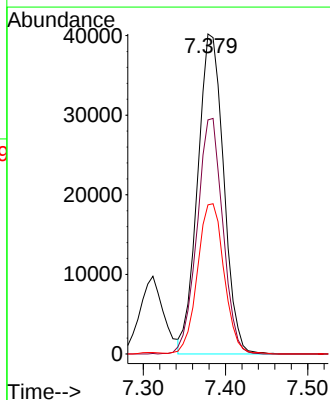
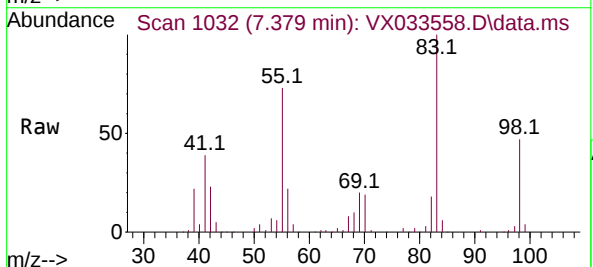
Instrument :
MSVOA_X
ClientSampleId :

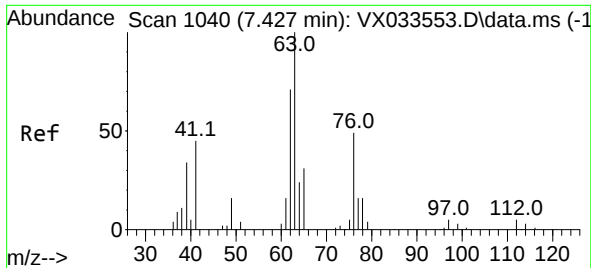
Tgt Ion: 95 Resp: 60398
Ion Ratio Lower Upper
95 100
97 62.9 44.9 83.3
132 97.2 69.5 129.1
130 101.1 74.2 137.8



#35
Methylcyclohexane
Concen: 44.260 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 83 Resp: 88488
Ion Ratio Lower Upper
83 100
55 72.6 55.6 83.4
98 48.1 38.6 57.8





#37

1,2-Dichloropropane

Concen: 47.929 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

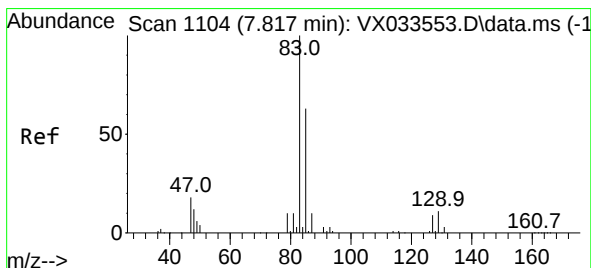
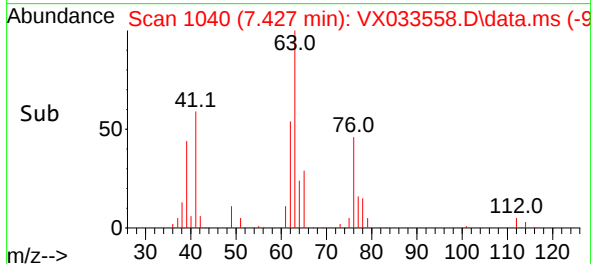
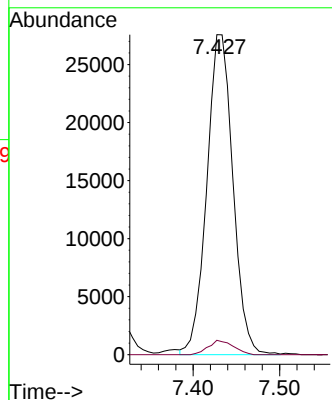
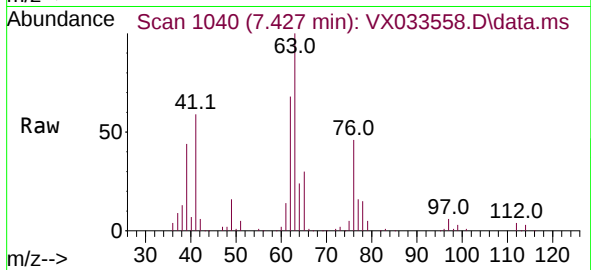
ClientSampleId :

Tgt Ion: 63 Resp: 57822

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.8



#38

Bromodichloromethane

Concen: 48.739 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

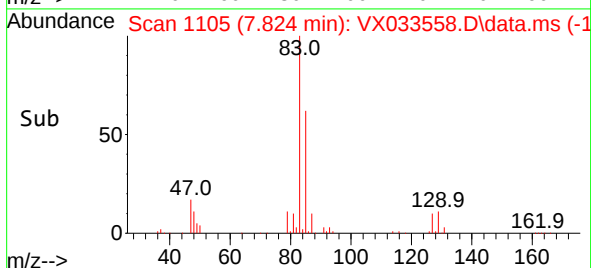
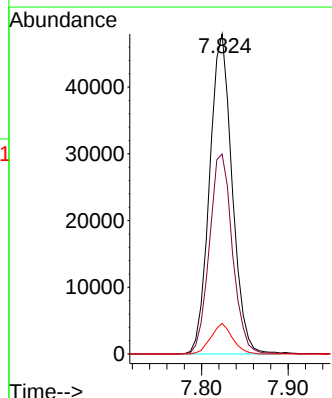
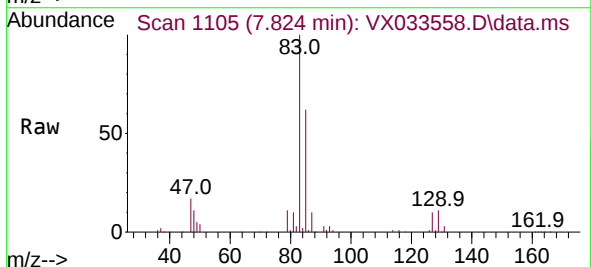
Tgt Ion: 83 Resp: 86774

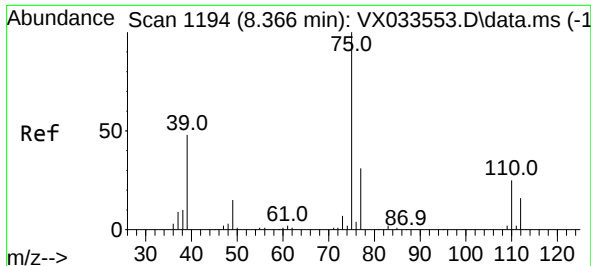
Ion Ratio Lower Upper

83 100

85 62.5 45.1 83.9

127 9.6 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 46.601 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

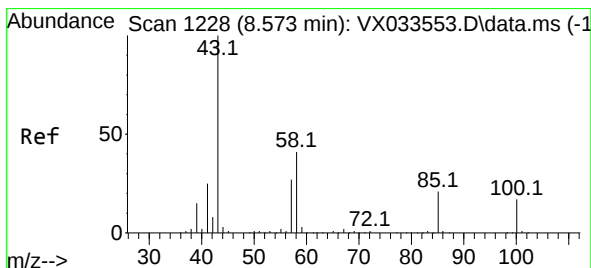
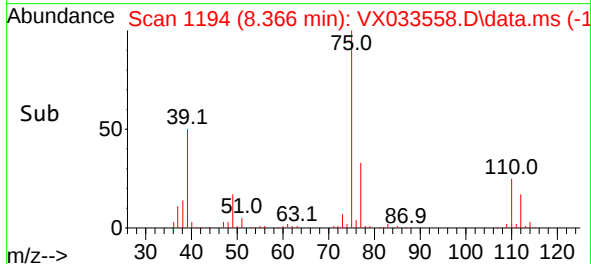
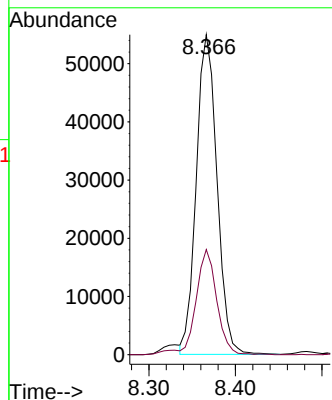
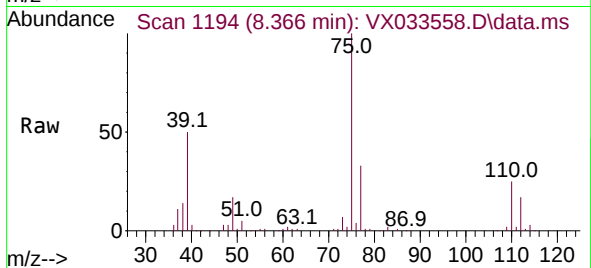
ClientSampleId :

Tgt Ion: 75 Resp: 91347

Ion Ratio Lower Upper

75 100

77 32.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 106.158 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

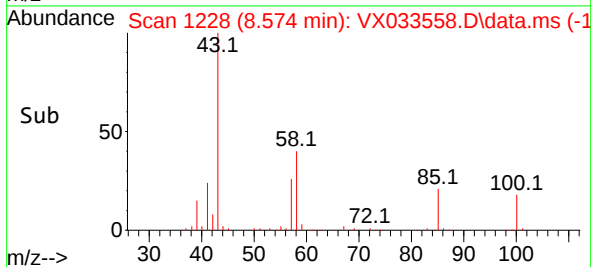
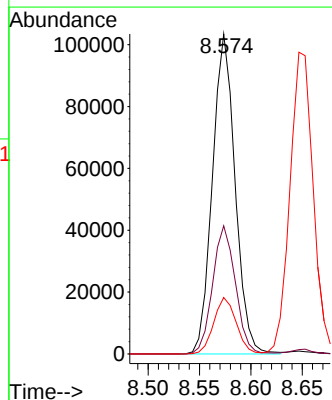
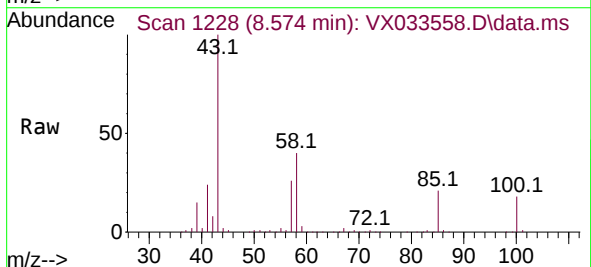
Tgt Ion: 43 Resp: 158609

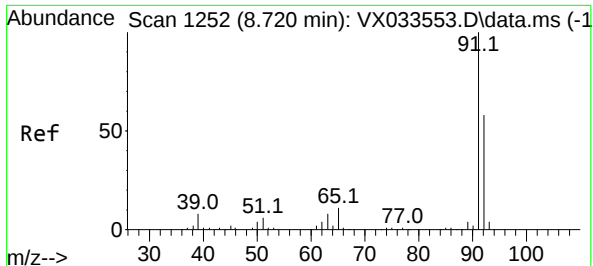
Ion Ratio Lower Upper

43 100

58 40.2 32.9 49.3

100 17.5 14.9 22.3





#42

Toluene

Concen: 45.616 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

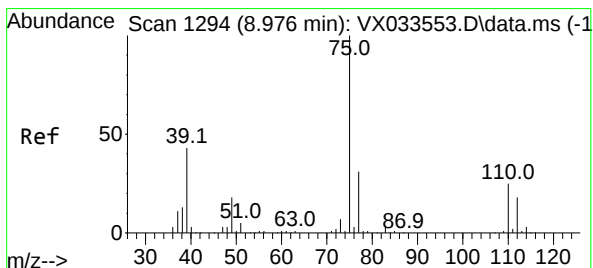
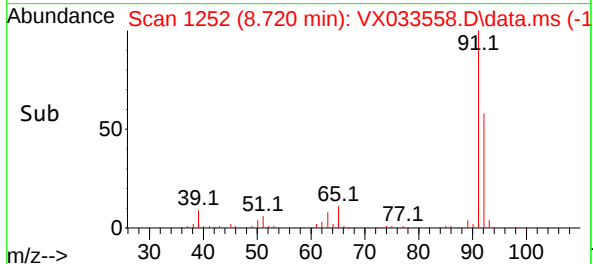
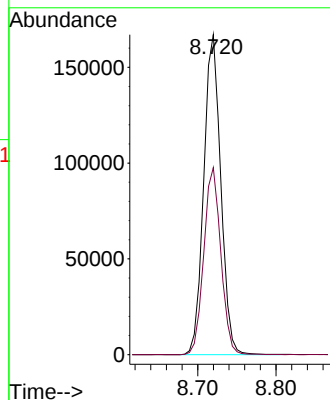
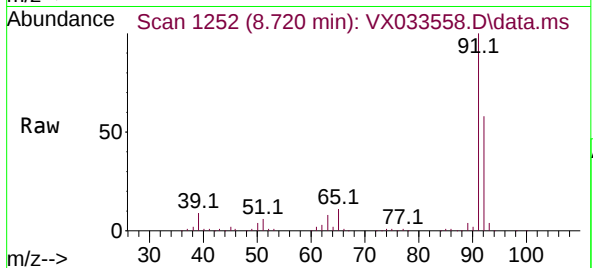
ClientSampleId :

Tgt Ion: 91 Resp: 252232

Ion Ratio Lower Upper

91 100

92 58.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 49.349 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033558.D

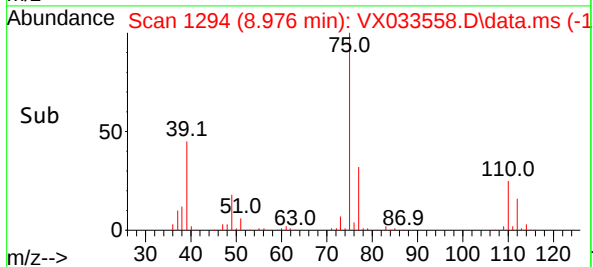
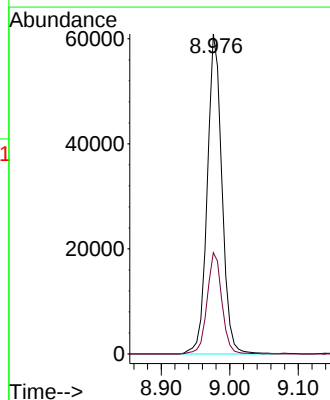
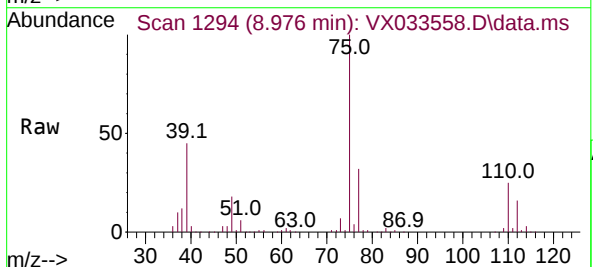
Acq: 23 Dec 2022 12:25

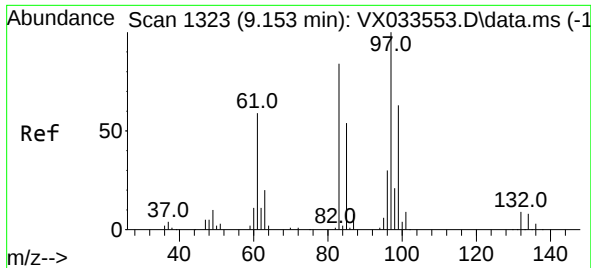
Tgt Ion: 75 Resp: 90822

Ion Ratio Lower Upper

75 100

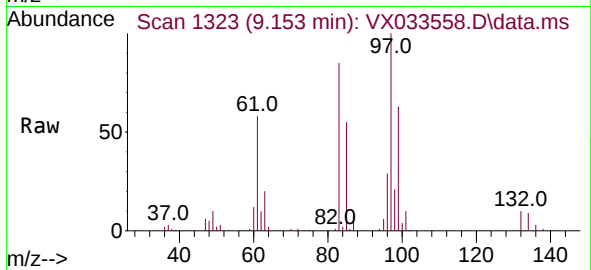
77 31.6 22.8 42.4



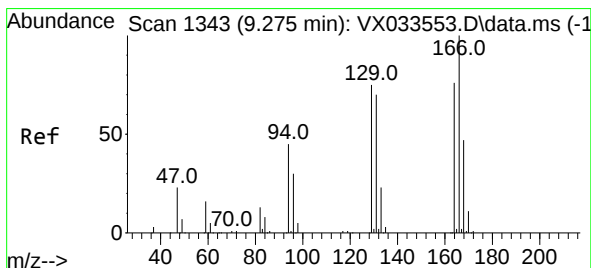
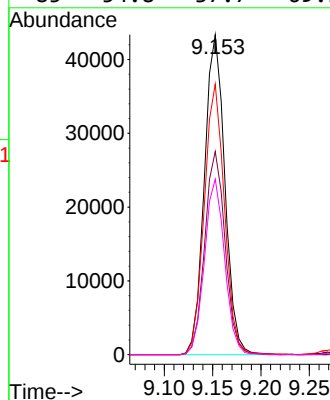
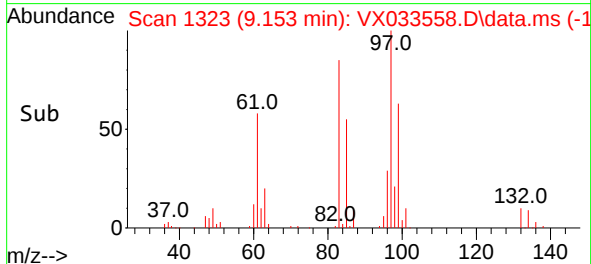


#45
1,1,2-Trichloroethane
Concen: 49.002 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

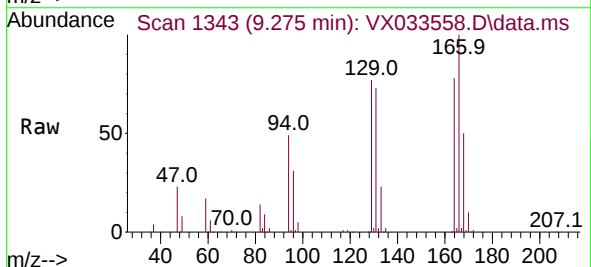
Instrument :
MSVOA_X
ClientSampleId :



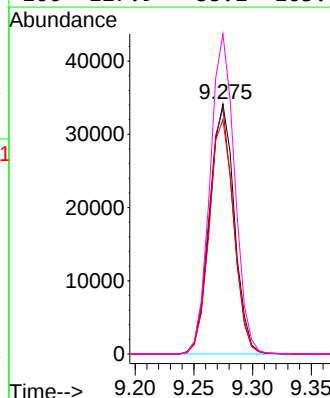
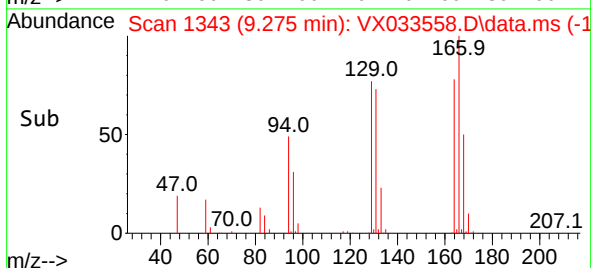
Tgt Ion:	97	Resp:	63993
Ion	Ratio	Lower	Upper
97	100		
99	63.5	45.4	84.2
83	84.5	57.0	105.9
85	54.8	37.7	69.9

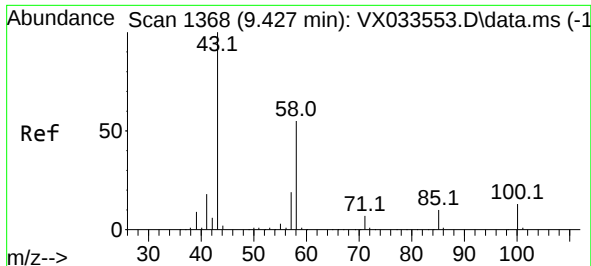


#46
Tetrachloroethene
Concen: 43.025 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25



Tgt Ion:	164	Resp:	49538
Ion	Ratio	Lower	Upper
164	100		
129	98.2	65.6	121.8
131	93.7	63.5	117.9
166	127.9	88.1	163.7



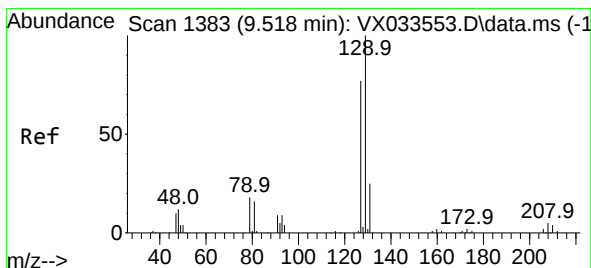
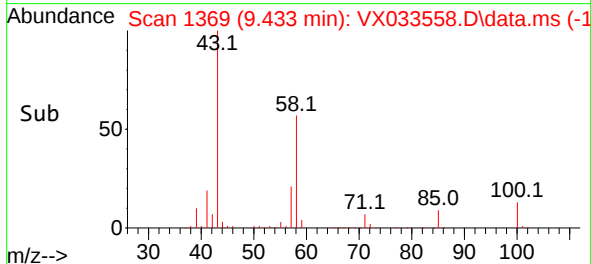
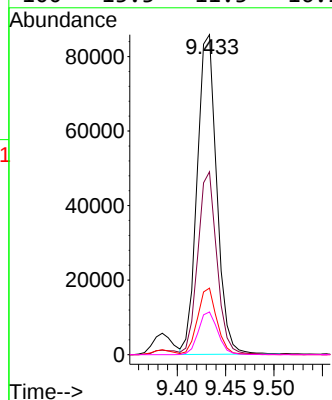
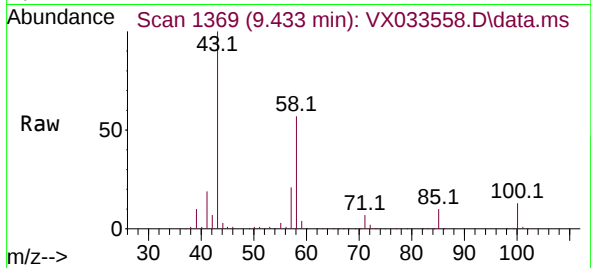


#48
2-Hexanone
Concen: 101.874 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 120890

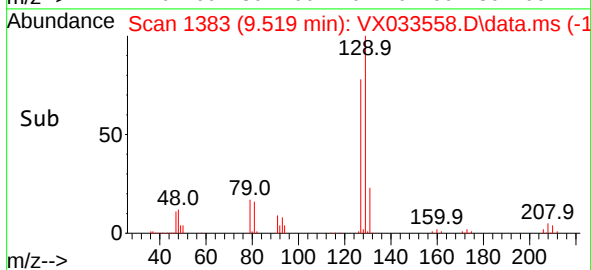
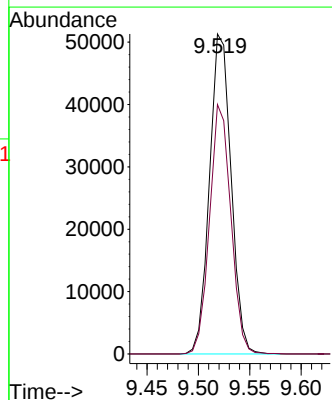
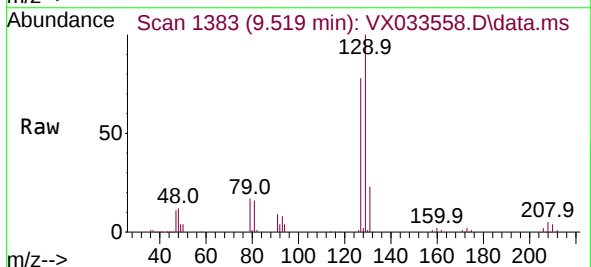
Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.6	66.8
57	20.6	16.4	24.6
100	13.3	11.3	16.9

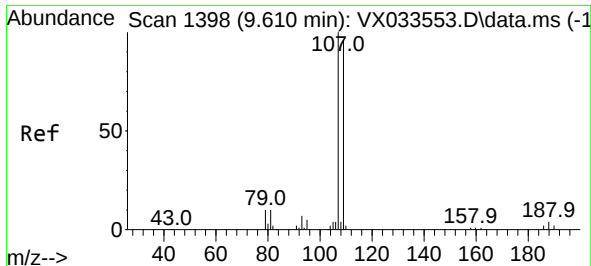


#49
Dibromochloromethane
Concen: 49.155 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 129 Resp: 74964

Ion	Ratio	Lower	Upper
129	100		
127	77.9	55.8	103.6





#50

1,2-Dibromoethane

Concen: 48.664 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033558.D

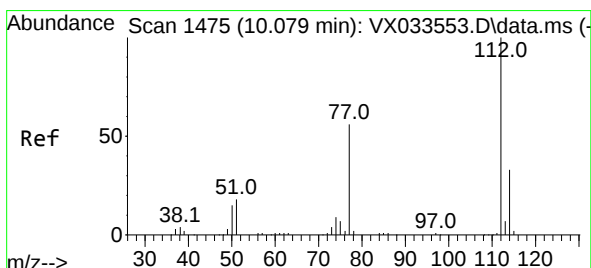
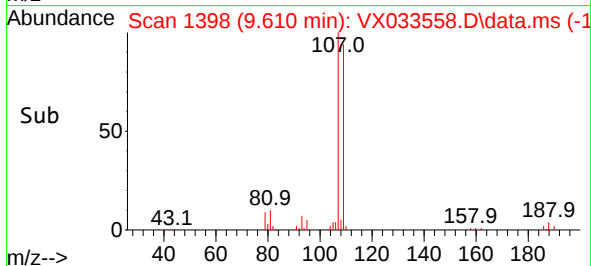
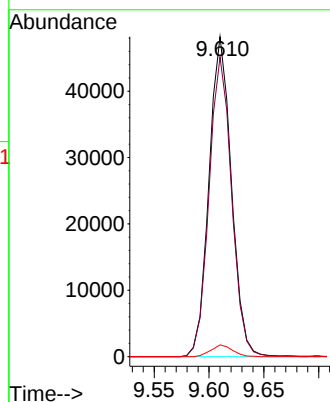
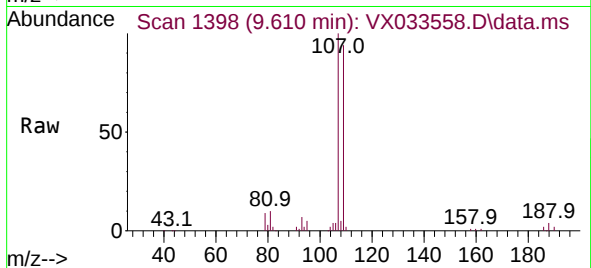
Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	68602
Ion	Ratio	Lower Upper
107	100	
109	93.6	67.5 125.3
188	3.7	3.0 4.4



#51

Chlorobenzene

Concen: 46.394 ug/L

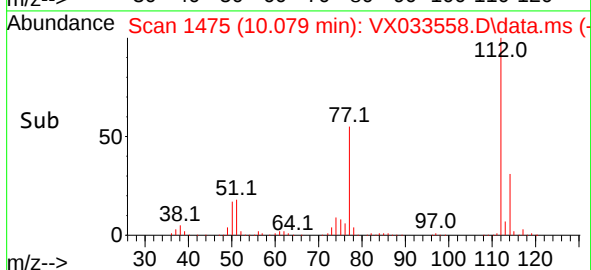
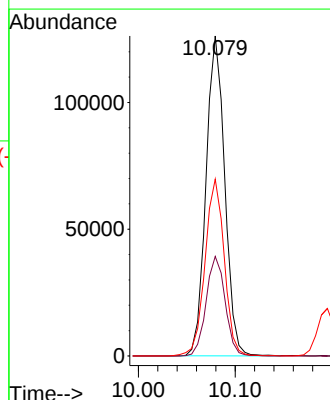
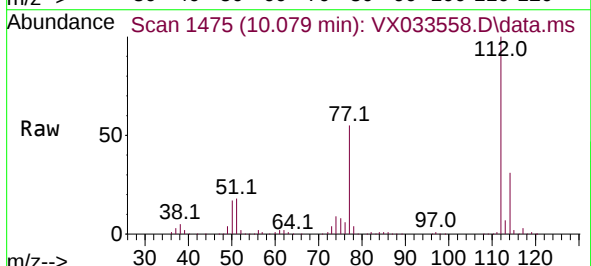
RT: 10.079 min Scan# 1475

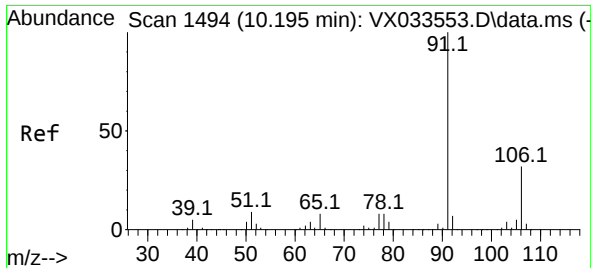
Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Tgt Ion:112	Resp:	170230
Ion	Ratio	Lower Upper
112	100	
114	31.1	22.1 41.1
77	55.3	45.0 67.4

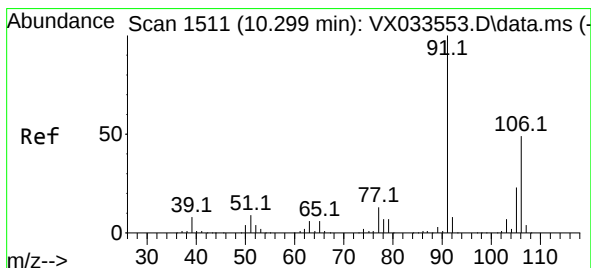
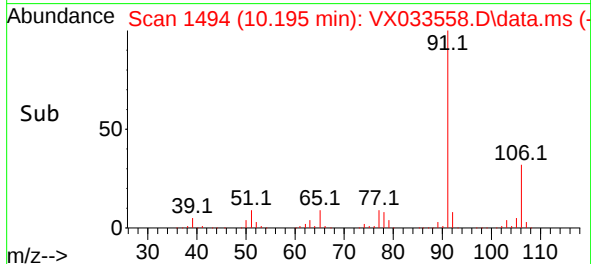
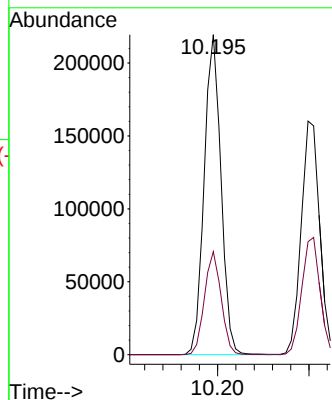
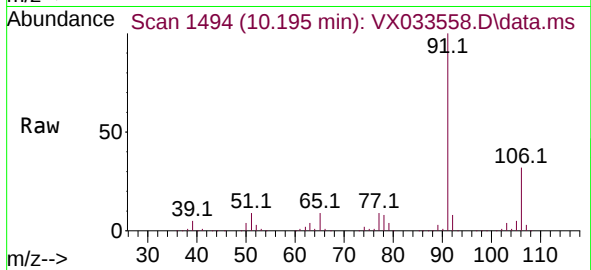




#52
Ethylbenzene
Concen: 46.128 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

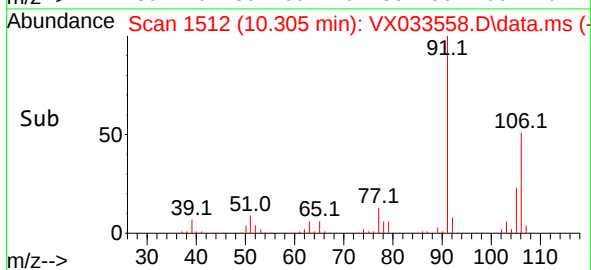
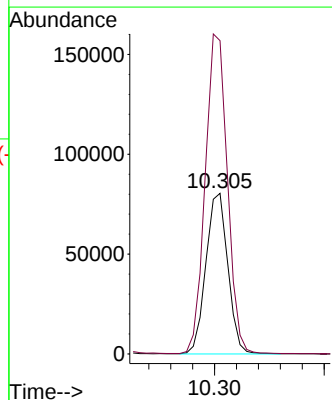
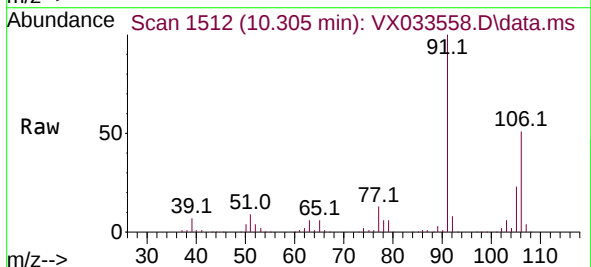
Instrument :
MSVOA_X
ClientSampleId :

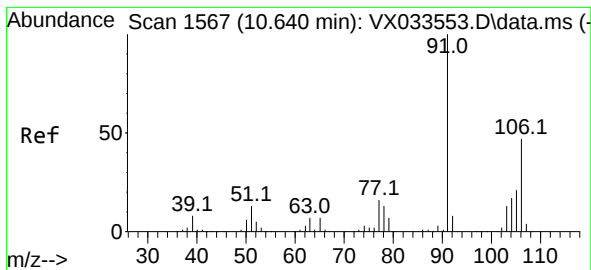
Tgt Ion: 91 Resp: 279433
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.7



#53
m,p-Xylene
Concen: 46.382 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 106 Resp: 112067
Ion Ratio Lower Upper
106 100
91 195.0 140.4 260.8





#54

o-Xylene

Concen: 47.025 ug/L

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

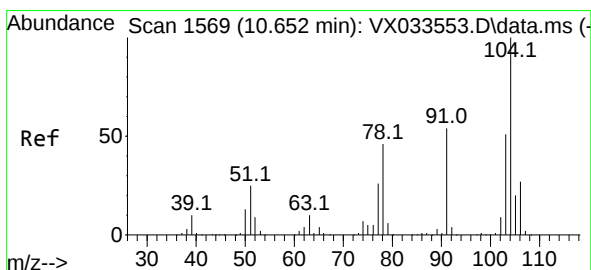
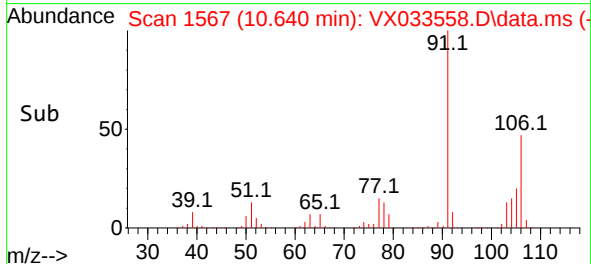
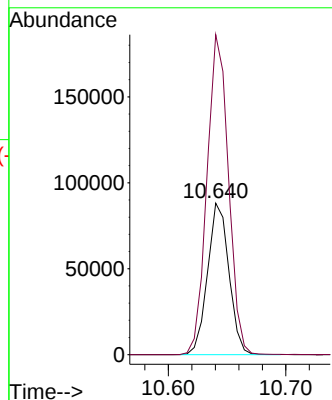
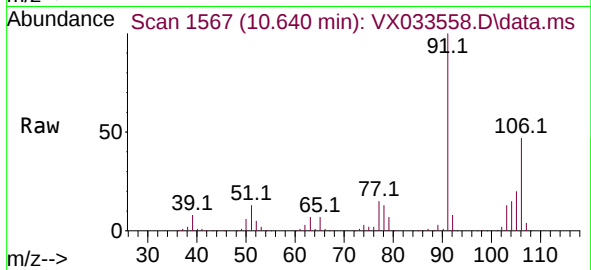
ClientSampleId :

Tgt Ion:106 Resp: 111122

Ion Ratio Lower Upper

106 100

91 211.1 150.6 279.6



#55

Styrene

Concen: 48.029 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX033558.D

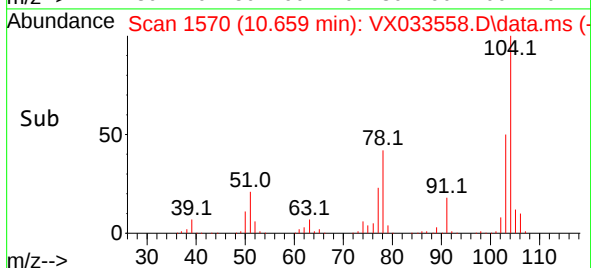
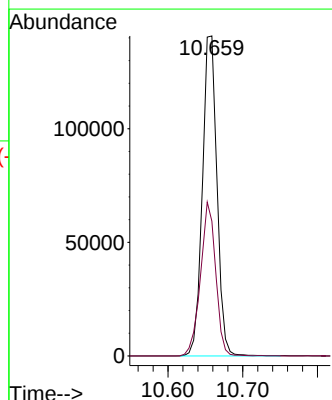
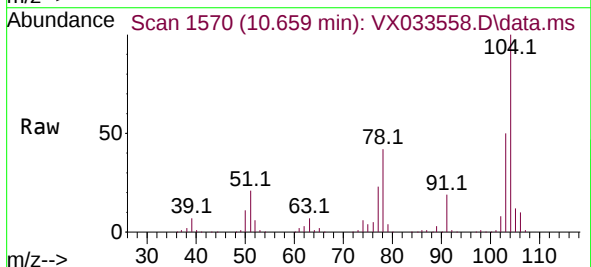
Acq: 23 Dec 2022 12:25

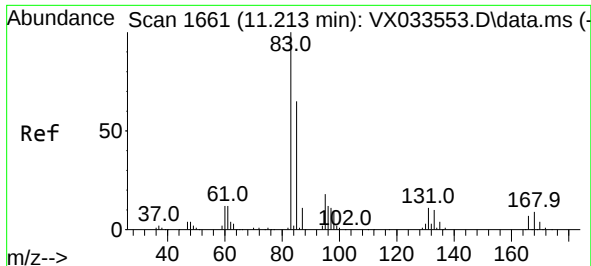
Tgt Ion:104 Resp: 191277

Ion Ratio Lower Upper

104 100

78 42.1 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 50.750 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

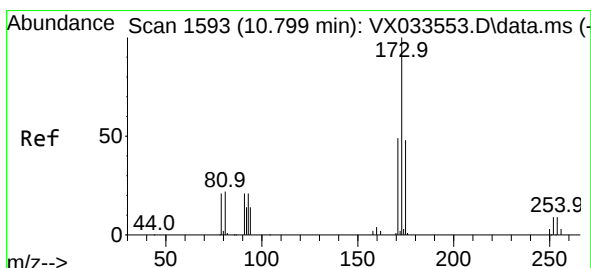
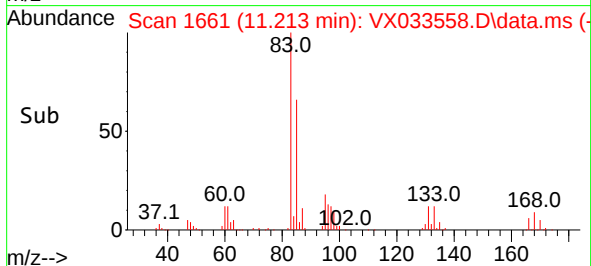
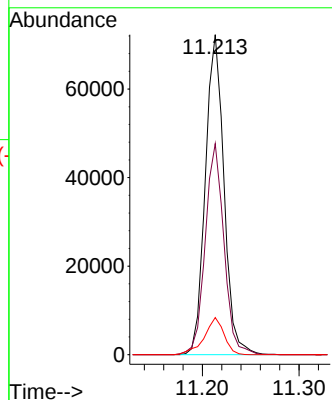
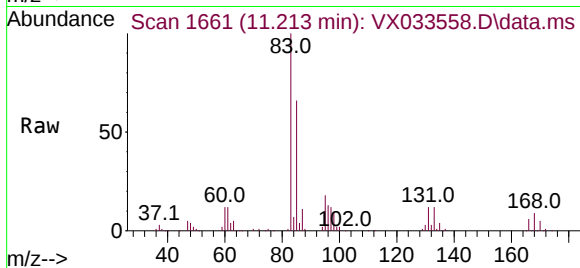
Tgt Ion: 83 Resp: 96913

Ion Ratio Lower Upper

83 100

85 66.0 45.6 84.8

131 11.6 8.4 12.6



#59

Bromoform

Concen: 48.671 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

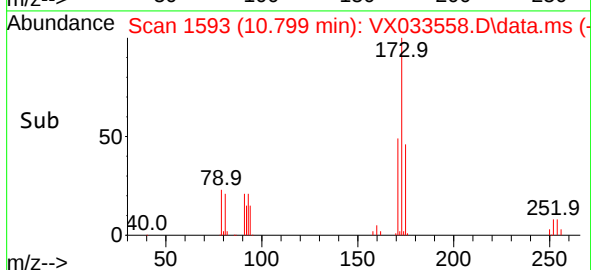
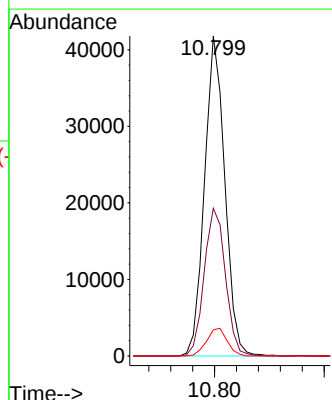
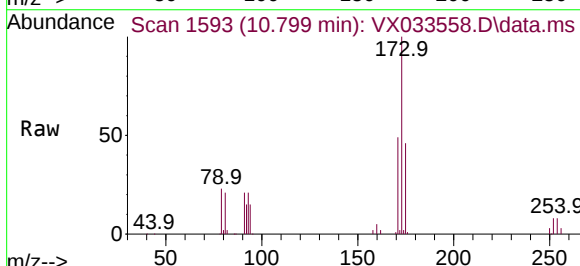
Tgt Ion:173 Resp: 53595

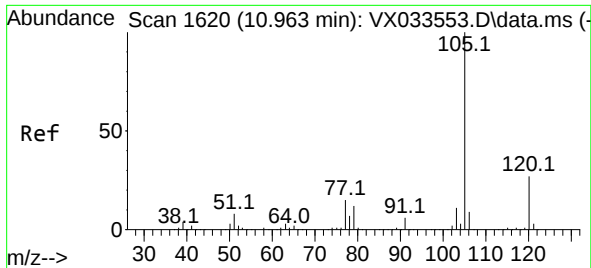
Ion Ratio Lower Upper

173 100

175 48.3 38.9 58.3

254 8.8 7.2 10.8

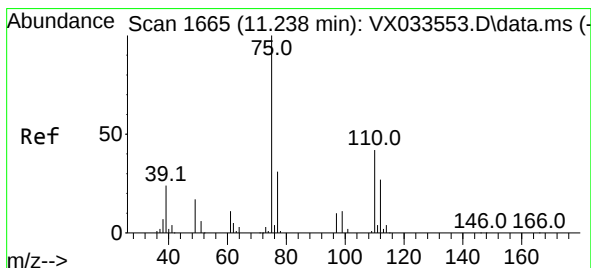
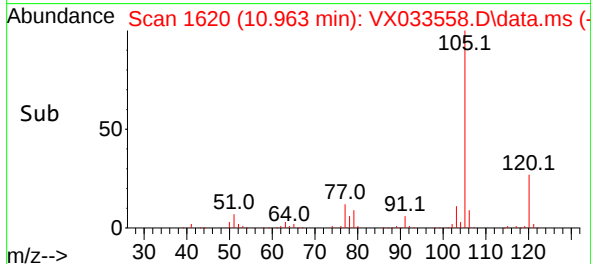
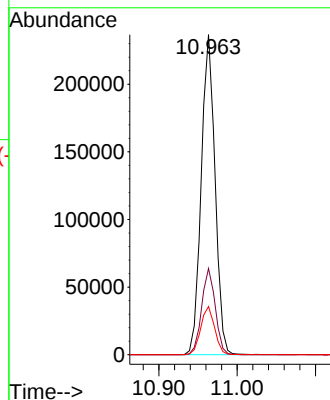
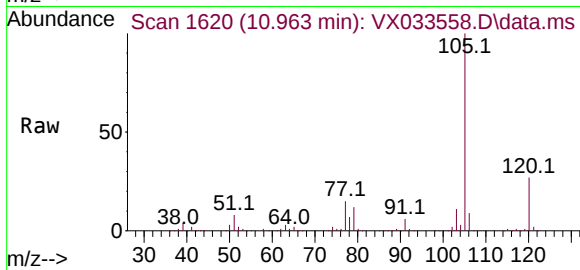




#60
Isopropylbenzene
Concen: 46.417 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

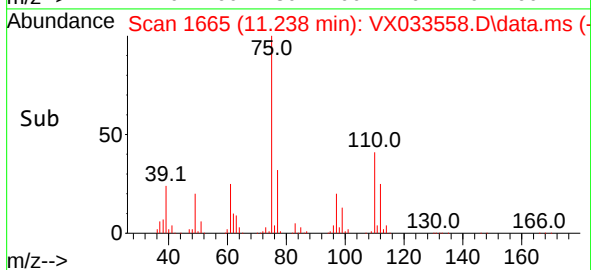
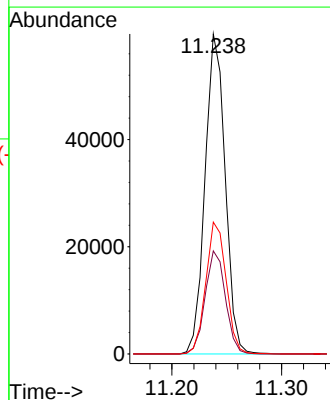
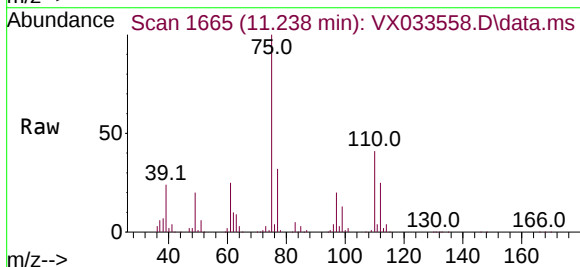
Instrument :
MSVOA_X
ClientSampleId :

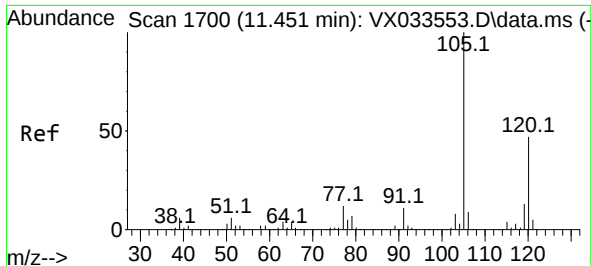
Tgt Ion:105 Resp: 290247
Ion Ratio Lower Upper
105 100
120 26.5 21.6 32.4
77 15.2 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 51.110 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion: 75 Resp: 76127
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 41.5 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 46.952 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

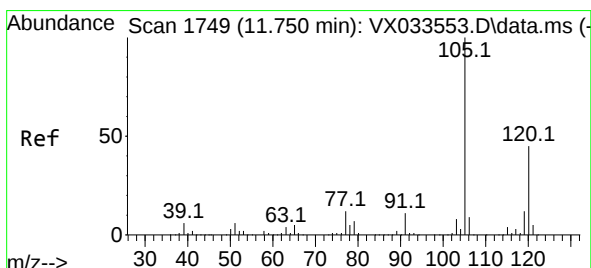
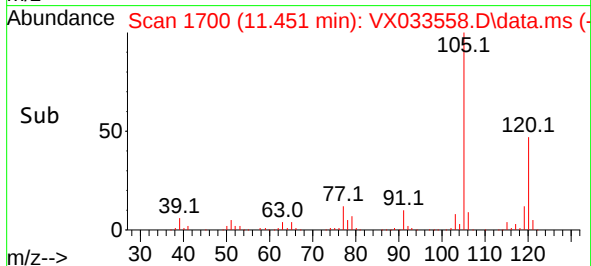
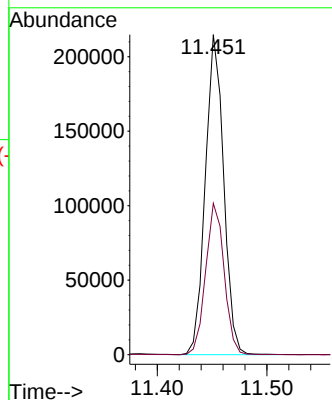
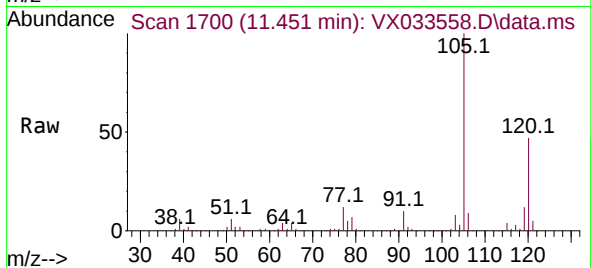
ClientSampleId :

Tgt Ion:105 Resp: 249400

Ion Ratio Lower Upper

105 100

120 47.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 47.447 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033558.D

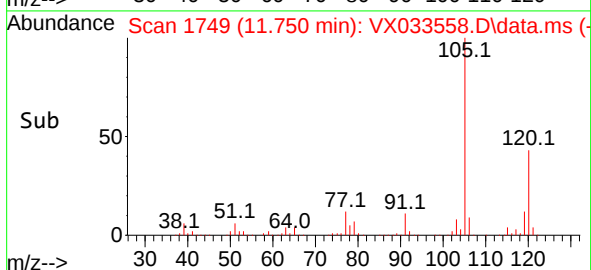
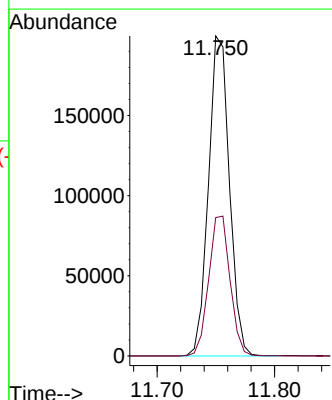
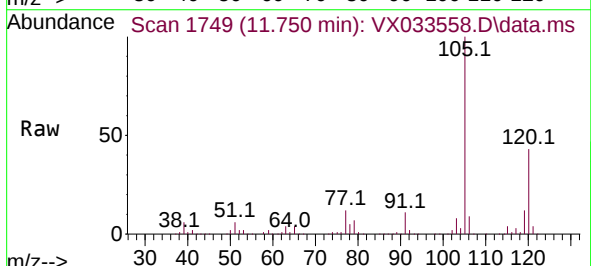
Acq: 23 Dec 2022 12:25

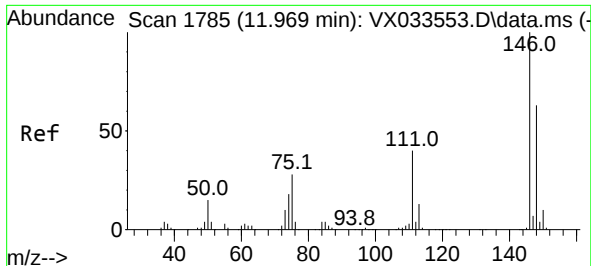
Tgt Ion:105 Resp: 247787

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.6

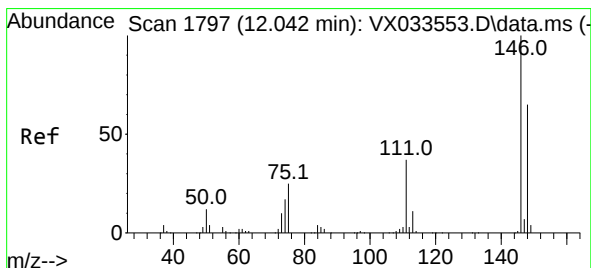
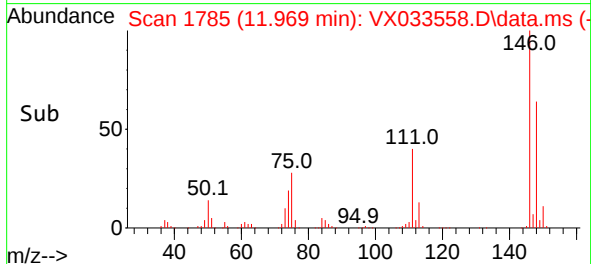
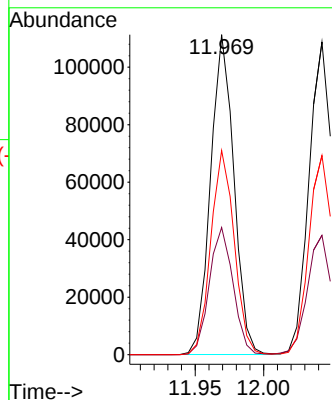
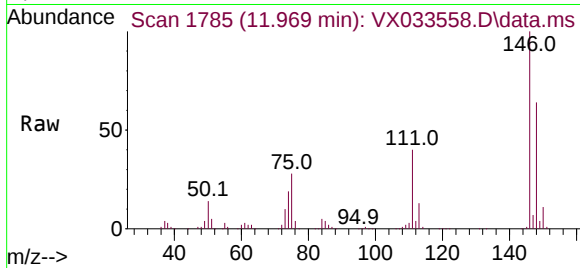




#64
 1,3-Dichlorobenzene
 Concen: 46.032 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX033558.D
 Acq: 23 Dec 2022 12:25

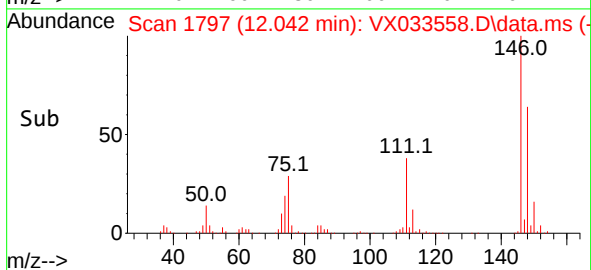
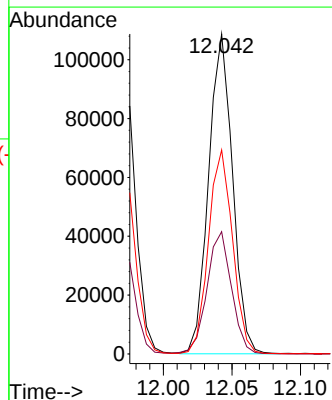
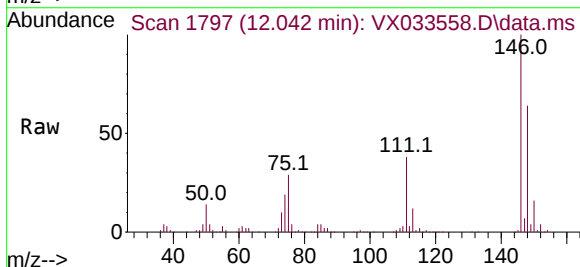
Instrument :
 MSVOA_X
 ClientSampleId :

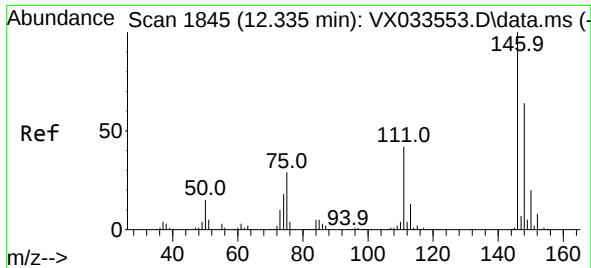
Tgt Ion:146 Resp: 131472
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.6 51.2
 148 63.8 45.3 84.1



#65
 1,4-Dichlorobenzene
 Concen: 45.825 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX033558.D
 Acq: 23 Dec 2022 12:25

Tgt Ion:146 Resp: 132394
 Ion Ratio Lower Upper
 146 100
 111 38.2 25.8 47.8
 148 63.7 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 47.595 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

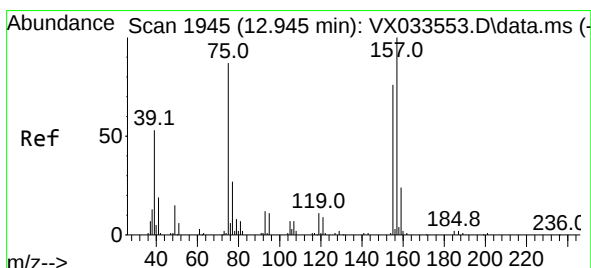
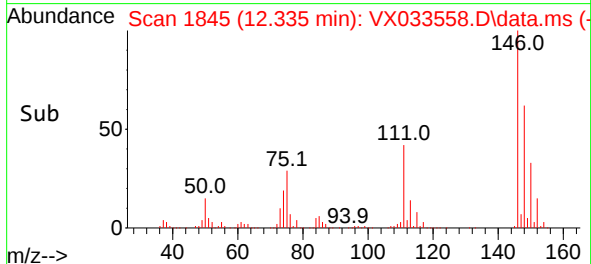
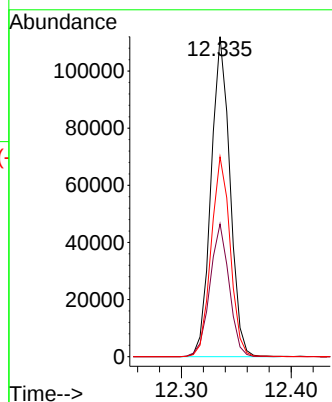
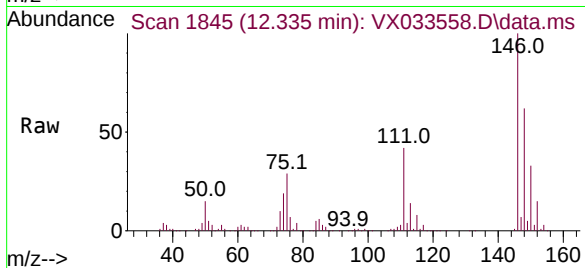
Tgt Ion:146 Resp: 134152

Ion Ratio Lower Upper

146 100

111 41.5 33.2 49.8

148 62.4 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.094 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

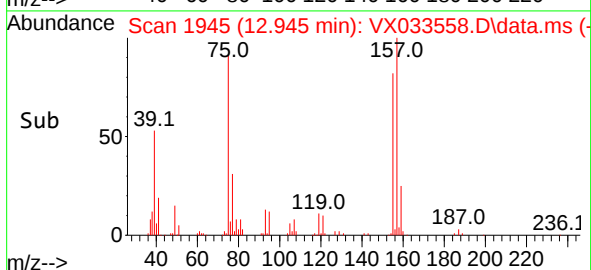
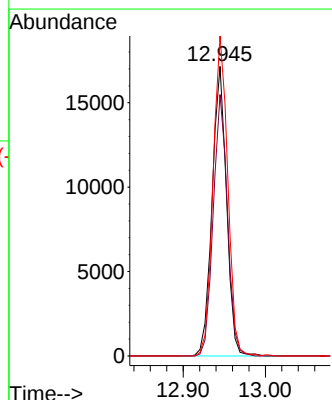
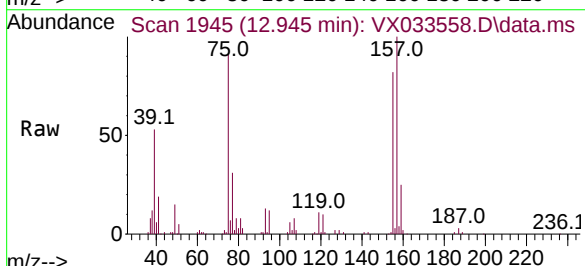
Tgt Ion: 75 Resp: 20859

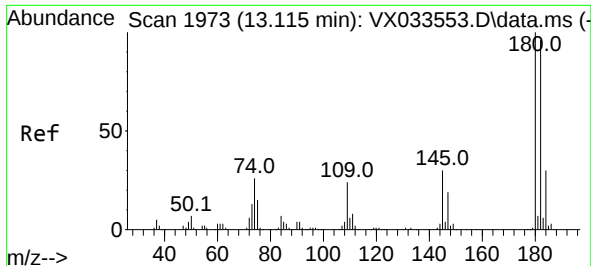
Ion Ratio Lower Upper

75 100

155 90.3 75.4 113.2

157 110.5 98.7 148.1





#69

1,3,5-Trichlorobenzene

Concen: 46.982 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.000 min

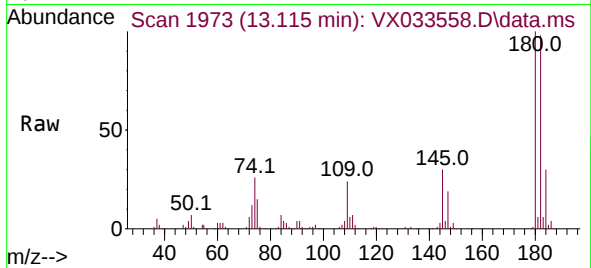
Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 89785

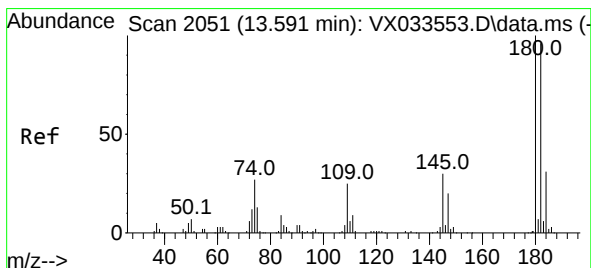
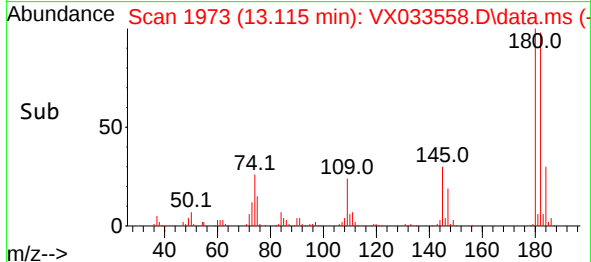
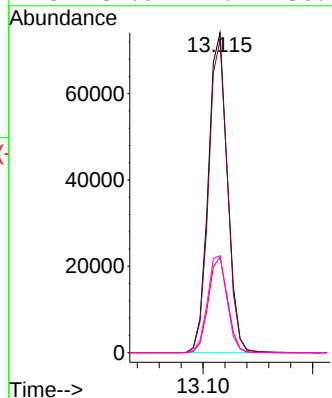
Ion Ratio Lower Upper

180 100

182 96.1 75.0 112.6

184 30.0 24.0 36.0

145 31.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 47.567 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033558.D

Acq: 23 Dec 2022 12:25

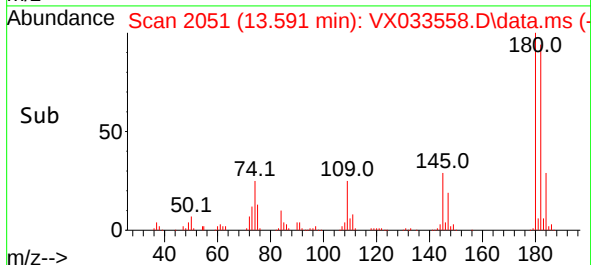
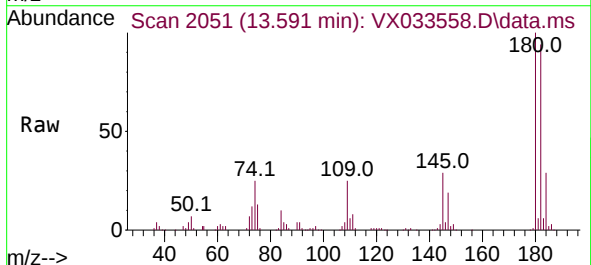
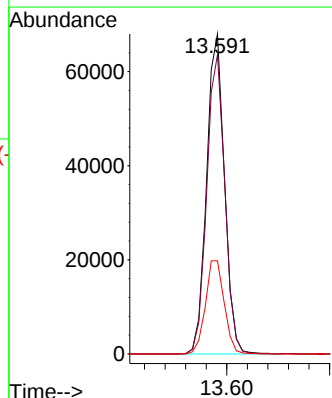
Tgt Ion:180 Resp: 82338

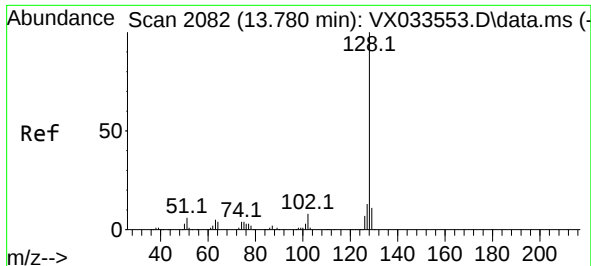
Ion Ratio Lower Upper

180 100

182 94.2 76.6 115.0

145 30.6 25.2 37.8

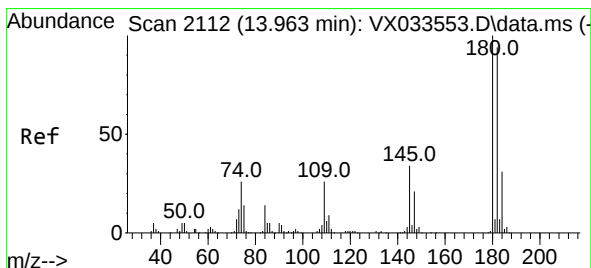
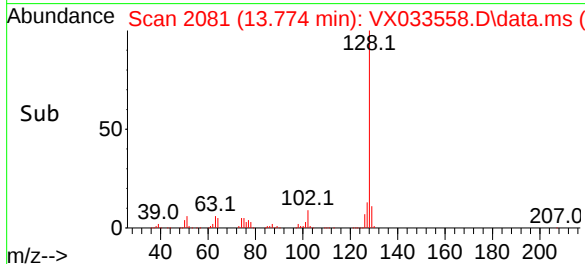
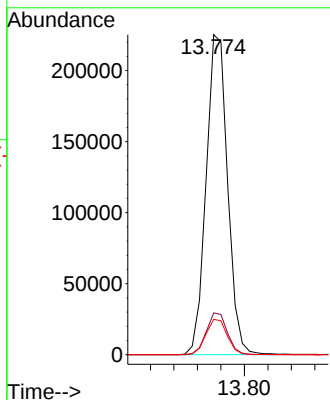
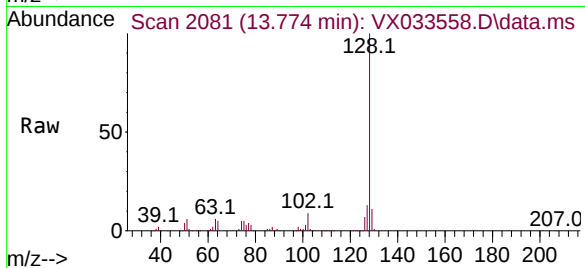




#71
Naphthalene
Concen: 50.491 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 285558
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.554 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033558.D
Acq: 23 Dec 2022 12:25

Tgt Ion:180 Resp: 83873
Ion Ratio Lower Upper
180 100
182 94.2 76.4 114.6
145 34.1 26.2 39.4

