

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034825.D
 Acq On : 26 Mar 2024 13:30
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:07:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	430177	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	410046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	210555	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	204678	53.981	ug/L	0.00
7) Chloroethane-d5	1.529	69	194457	63.070	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	90475	53.053	ug/L	0.00
21) 2-Butanone-d5	3.783	46	258307	103.796	ug/L	0.00
24) Chloroform-d	4.246	84	353215	52.889	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	220139	51.059	ug/L	0.00
32) Benzene-d6	4.957	84	699846	55.393	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	223408	57.103	ug/L	0.00
41) Toluene-d8	7.239	98	634097	55.445	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	109838	56.472	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	175553	95.805	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	306903	59.123	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	233921	53.273	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	157081	37.273	ug/L	100
3) Chloromethane	1.217	50	203914	46.855	ug/L	100
5) Vinyl chloride	1.285	62	212934	49.779	ug/L	100
6) Bromomethane	1.487	94	179102	64.293	ug/L	100
8) Chloroethane	1.548	64	146215	55.844	ug/L	100
9) Trichlorofluoromethane	1.712	101	279068	44.676	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	170725	49.507	ug/L	100
12) 1,1-Dichloroethene	2.069	96	163786	50.848	ug/L	100
13) Acetone	2.117	43	224987	79.270	ug/L	100
14) Carbon disulfide	2.243	76	452064	50.710	ug/L	100
15) Methyl Acetate	2.371	43	187497	49.723	ug/L	100
16) Methylene chloride	2.445	84	176770	51.577	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	159127	51.035	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	576143	51.540	ug/L	100
19) 1,1-Dichloroethane	3.111	63	328346	53.401	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	181835	53.419	ug/L	100
22) 2-Butanone	3.863	43	265133	91.984	ug/L	100
23) Bromochloromethane	4.146	128	92085	52.638	ug/L	100
25) Chloroform	4.275	83	326512	51.529	ug/L	100
27) 1,2-Dichloroethane	5.037	62	263645	51.502	ug/L	100
29) Cyclohexane	4.584	56	264240	49.656	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	275078	47.808	ug/L	100
31) Carbon tetrachloride	4.735	117	231879	45.813	ug/L	100
33) Benzene	5.008	78	698419	54.363	ug/L	100
34) Trichloroethene	5.831	95	184592	51.060	ug/L	100
35) Methylcyclohexane	6.050	83	283289	51.728	ug/L	100
37) 1,2-Dichloropropane	6.092	63	194524	57.008	ug/L	100
38) Bromodichloromethane	6.429	83	247162	52.630	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	311802	56.985	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	510327	104.533	ug/L	100
42) Toluene	7.313	91	735609	54.143	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	291607	55.611	ug/L	100

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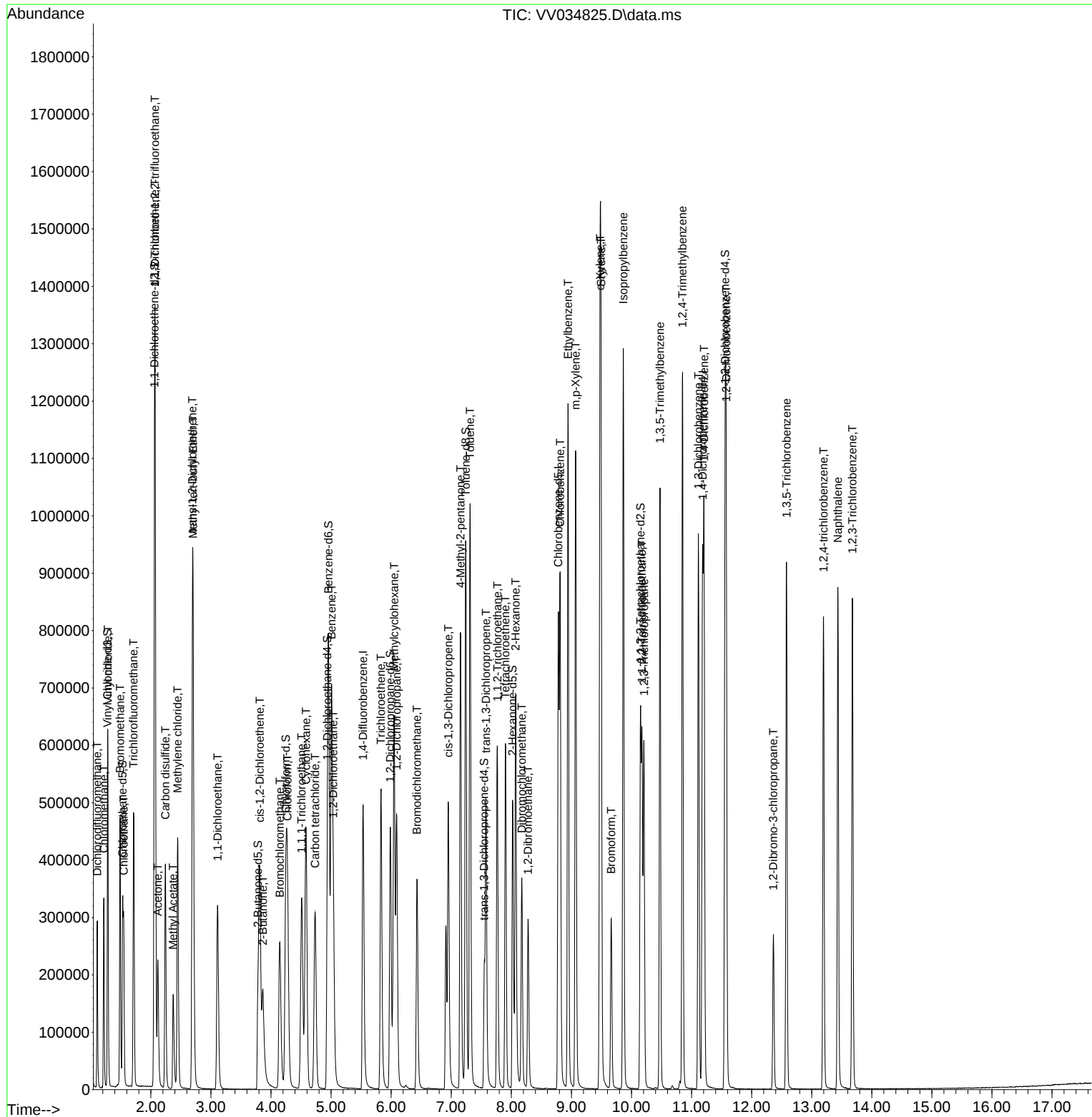
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	181015	55.377	ug/L	100
46) Tetrachloroethene	7.902	164	128162	48.364	ug/L	100
48) 2-Hexanone	8.072	43	418989	107.754	ug/L	100
49) Dibromochloromethane	8.175	129	180789	53.051	ug/L	100
50) 1,2-Dibromoethane	8.278	107	194456	55.983	ug/L	100
51) Chlorobenzene	8.812	112	467577	53.131	ug/L	100
52) Ethylbenzene	8.944	91	809147	53.356	ug/L	100
53) m,p-Xylene	9.072	106	300799	52.294	ug/L	100
54) o-Xylene	9.477	106	301184	53.374	ug/L	100
55) Styrene	9.493	104	514252	53.918	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	296106	59.040	ug/L	100
59) Bromoform	9.664	173	124443	53.087	ug/L	100
60) Isopropylbenzene	9.863	105	800582	53.549	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	236748	57.207	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	531635	44.224	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	660115	53.091	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	363257	52.510	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	369817	52.423	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	360767	51.997	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	66659	55.031	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	264338	51.336	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	242719	52.310	ug/L	100
71) Naphthalene	13.435	128	651347	53.106	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	242062	53.554	ug/L	100

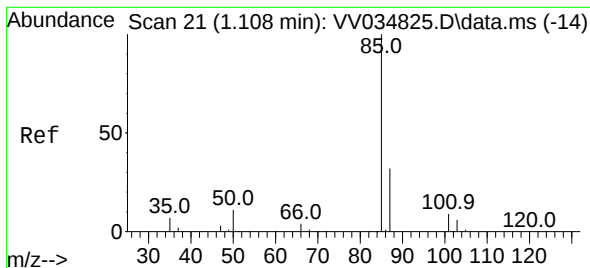
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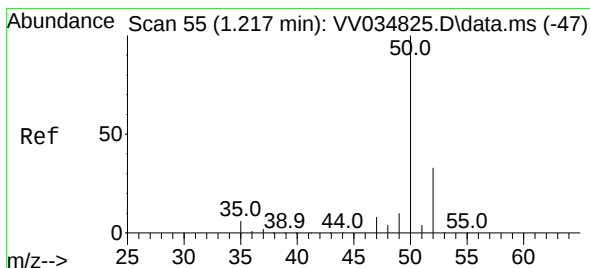
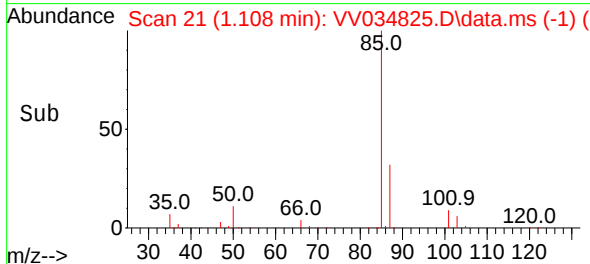
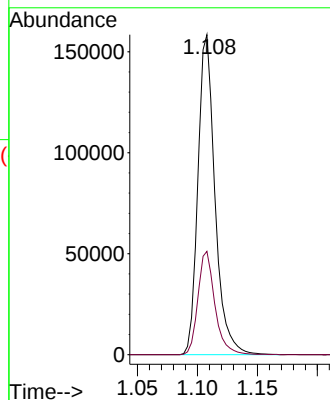
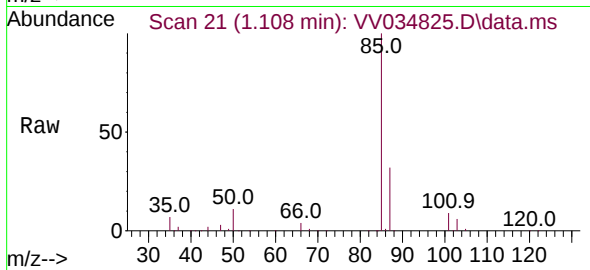




#2
Dichlorodifluoromethane
Concen: 37.273 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

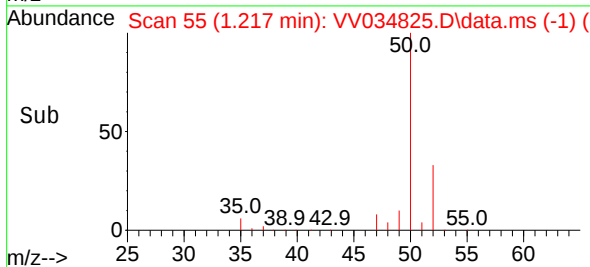
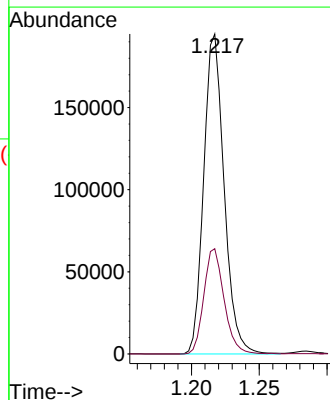
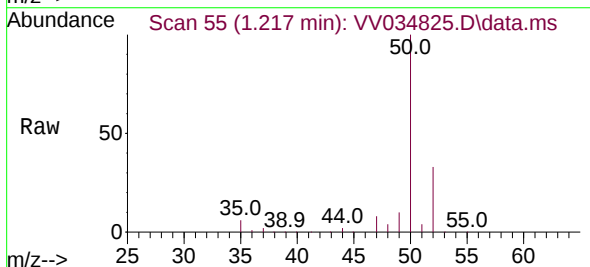
Instrument :
MSVOA_V
ClientSampleId :

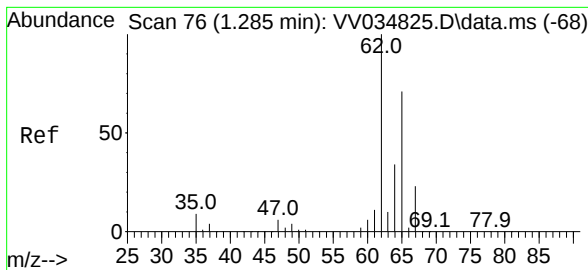
Tgt Ion: 85 Resp: 157081
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 46.855 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 50 Resp: 203914
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

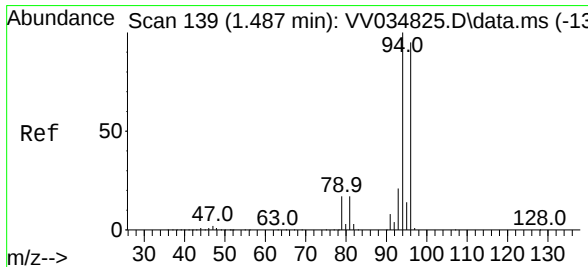
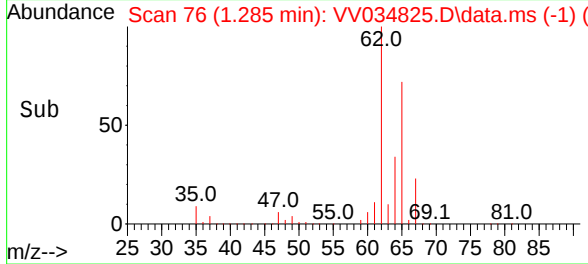
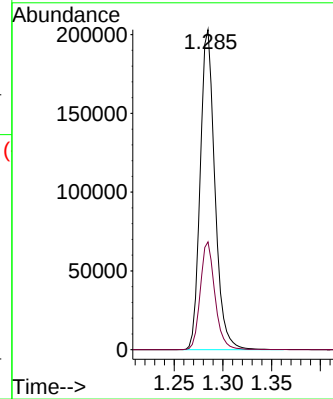
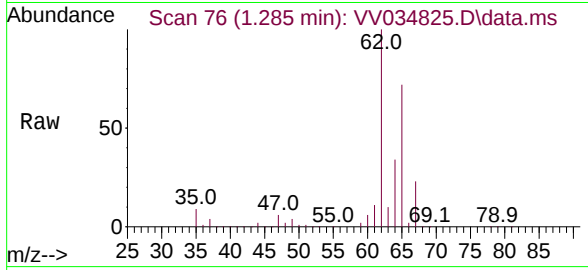




#5
 Vinyl chloride
 Concen: 49.779 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034825.D
 Acq: 26 Mar 2024 13:30

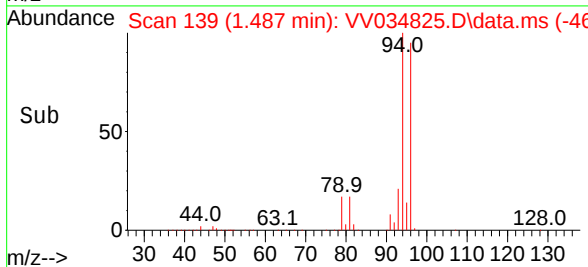
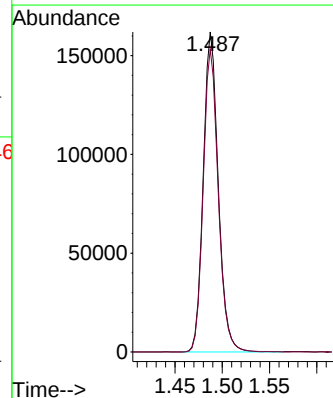
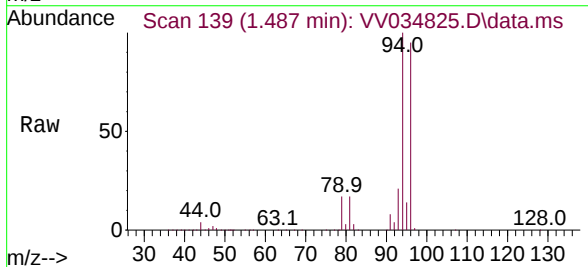
Instrument :
 MSVOA_V
 ClientSampleId :

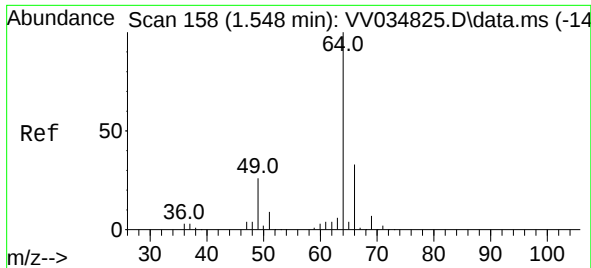
Tgt Ion: 62 Resp: 212934
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.6 43.8



#6
 Bromomethane
 Concen: 64.293 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034825.D
 Acq: 26 Mar 2024 13:30

Tgt Ion: 94 Resp: 179102
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1

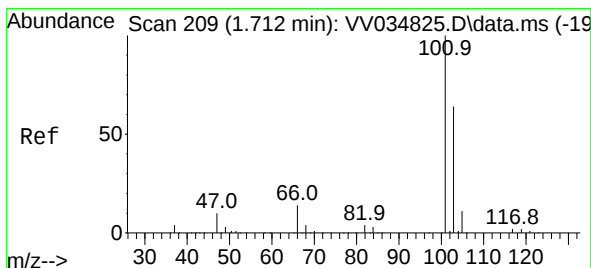
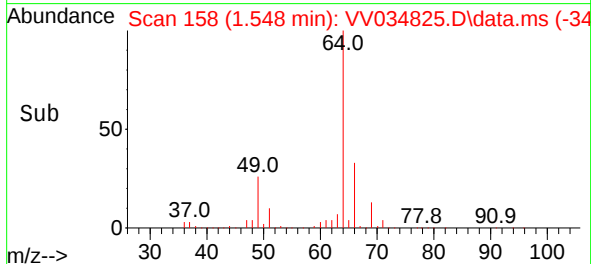
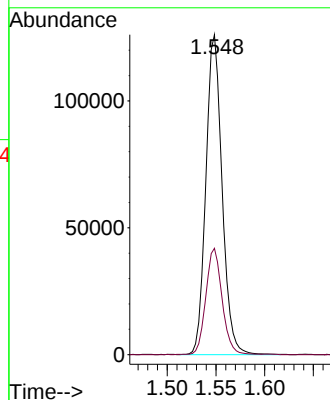
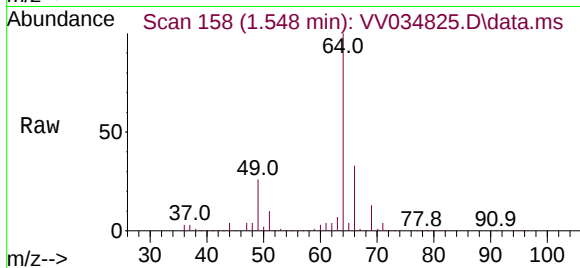




#8
Chloroethane
Concen: 55.844 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

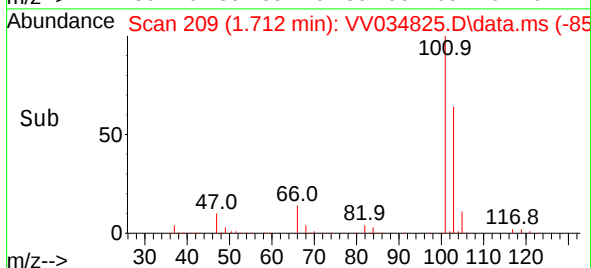
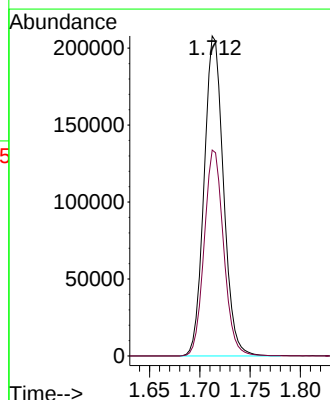
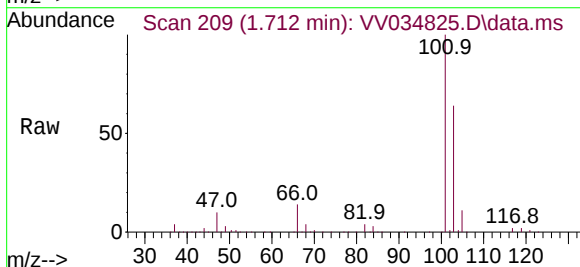
Instrument :
MSVOA_V
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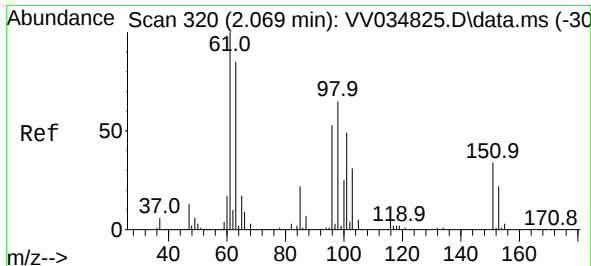
Tgt Ion: 64 Resp: 146215
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 44.676 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion:101 Resp: 279068
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.507 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

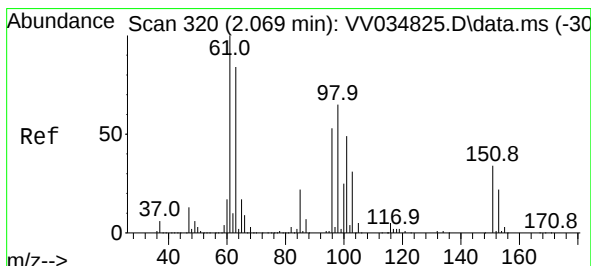
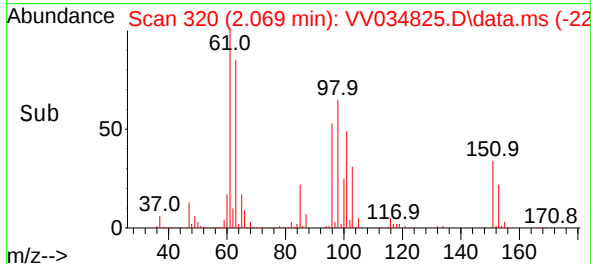
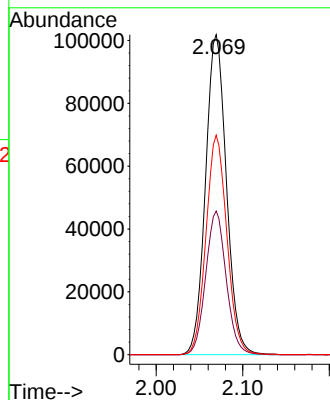
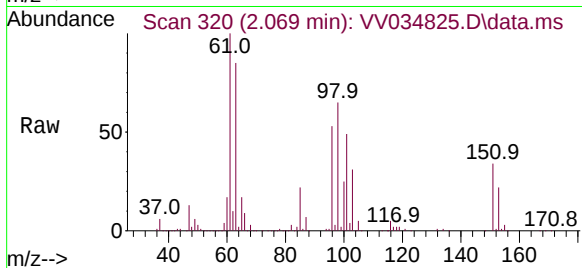
Tgt Ion:101 Resp: 170725

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

151 68.7 55.0 82.4



#12

1,1-Dichloroethene

Concen: 50.848 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

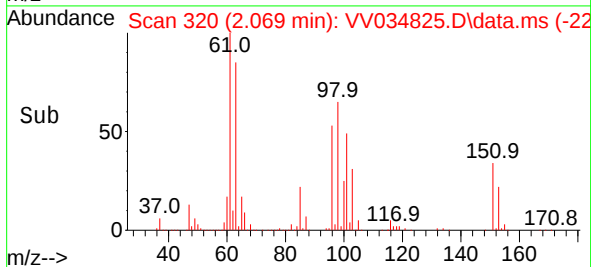
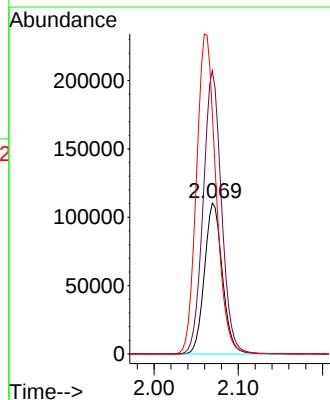
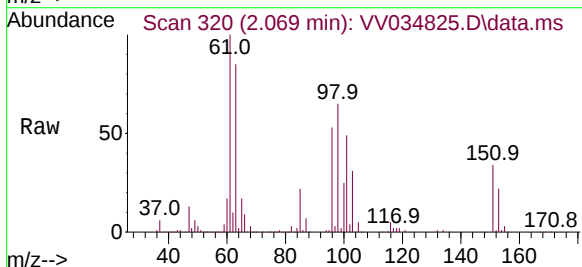
Tgt Ion: 96 Resp: 163786

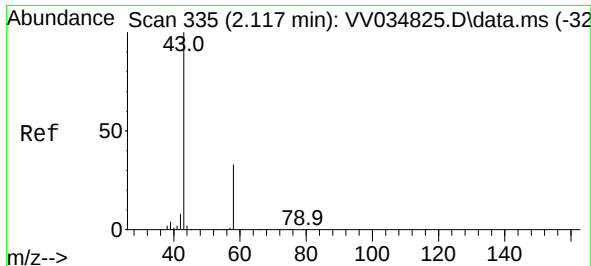
Ion Ratio Lower Upper

96 100

61 187.9 131.5 244.3

63 159.1 111.4 206.8





#13

Acetone

Concen: 79.270 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV034825.D

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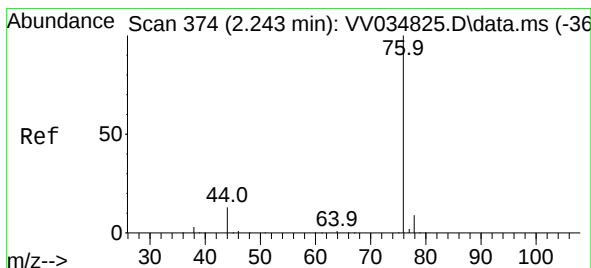
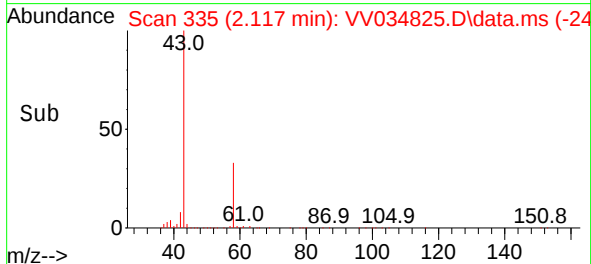
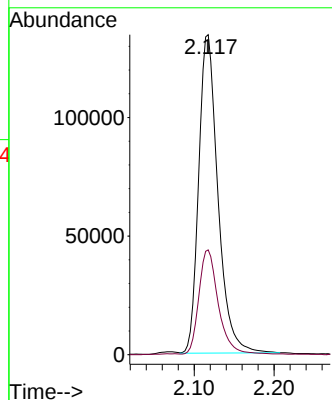
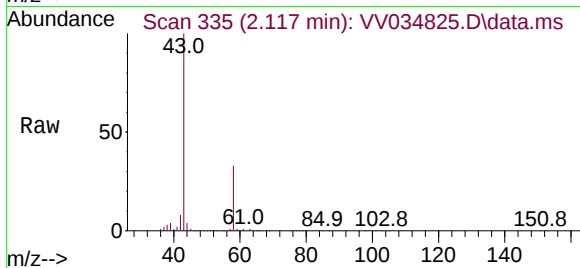
ClientSampleId :

Tgt Ion: 43 Resp: 224987

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.0



#14

Carbon disulfide

Concen: 50.710 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV034825.D

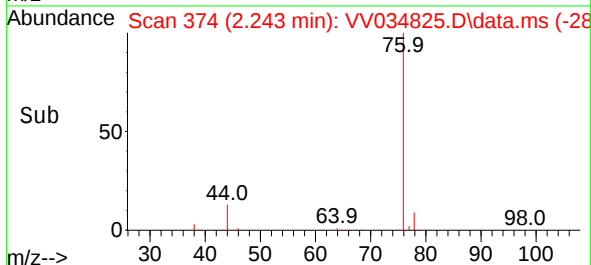
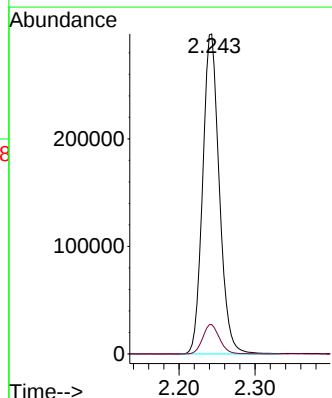
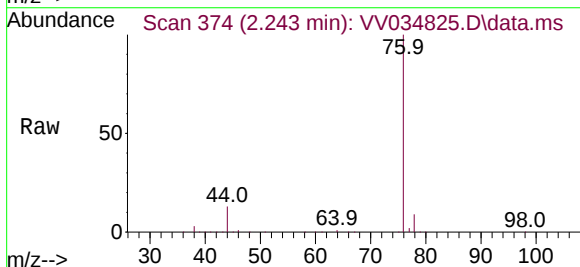
Acq: 26 Mar 2024 13:30

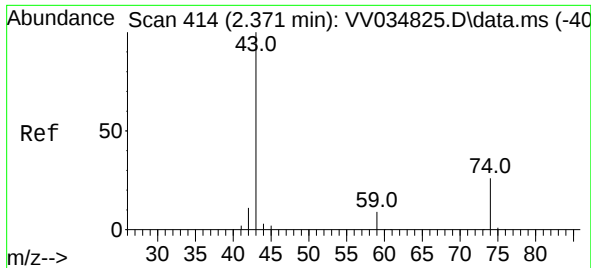
Tgt Ion: 76 Resp: 452064

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

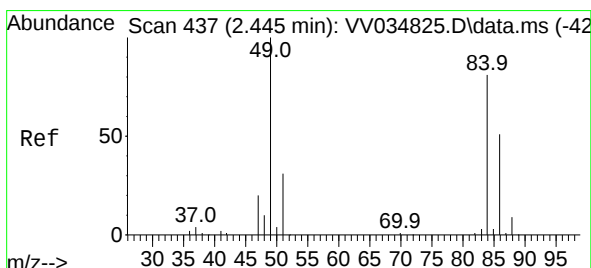
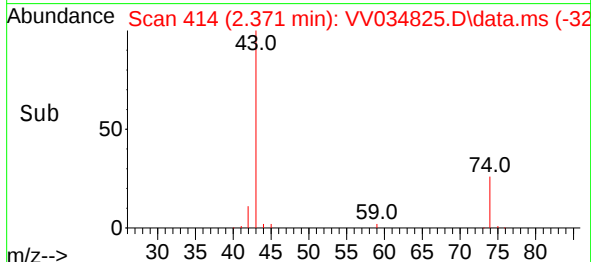
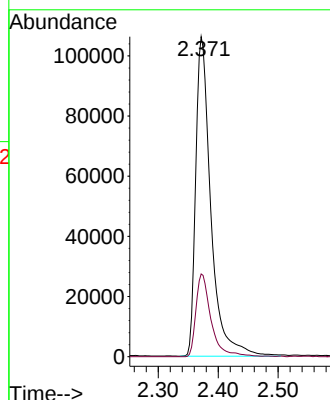
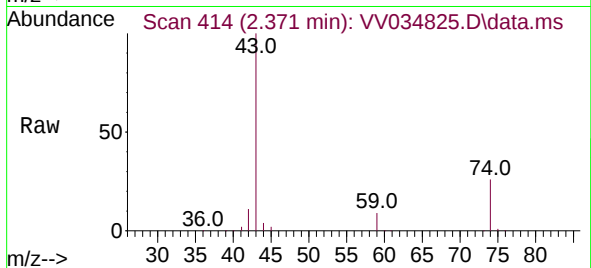




#15
Methyl Acetate
Concen: 49.723 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

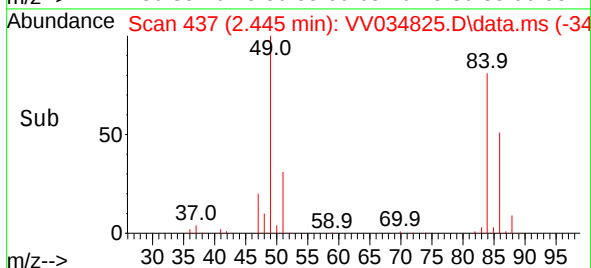
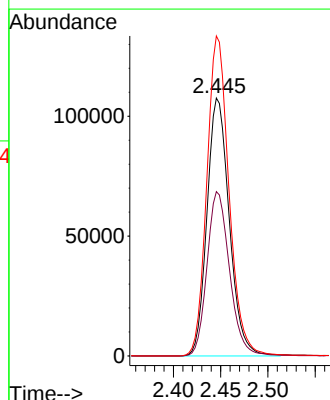
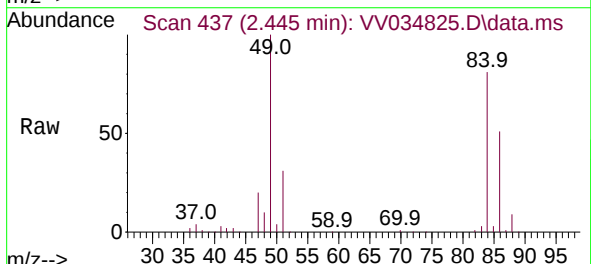
Instrument :
MSVOA_V
ClientSampleId :

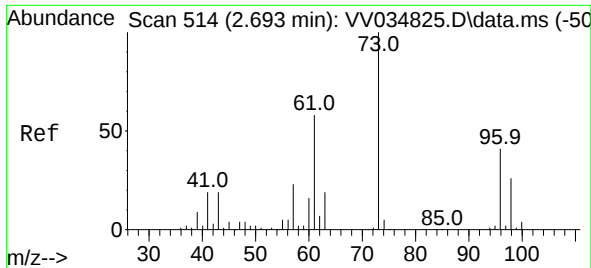
Tgt Ion: 43 Resp: 187497
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8



#16
Methylene chloride
Concen: 51.577 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 84 Resp: 176770
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 124.1 86.9 161.3

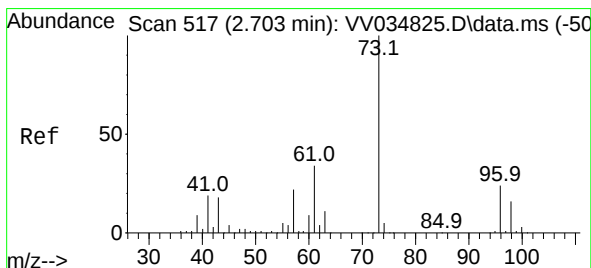
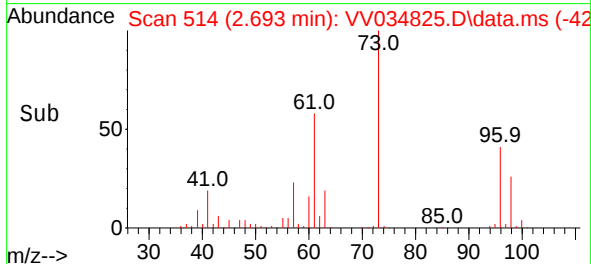
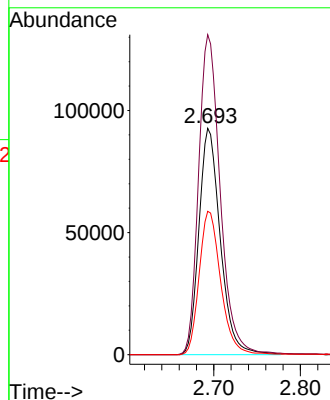
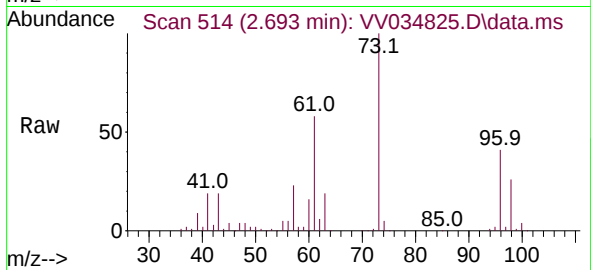




#17
trans-1,2-Dichloroethene
Concen: 51.035 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

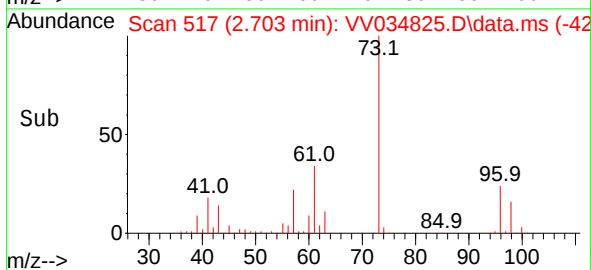
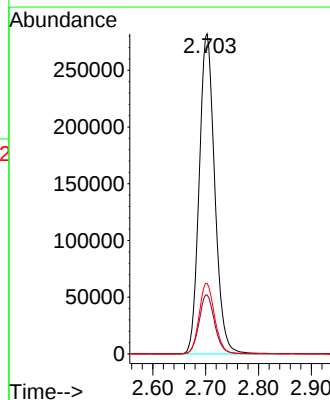
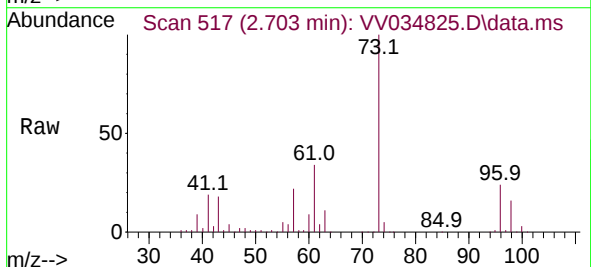
Instrument :
MSVOA_V
ClientSampleId :

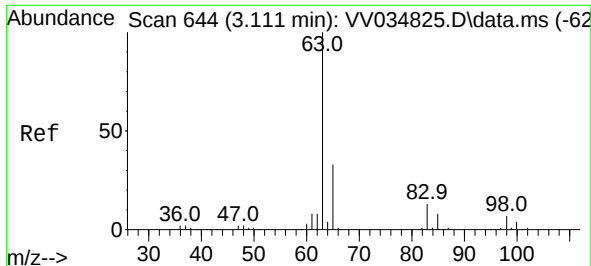
Tgt Ion: 96 Resp: 159127
Ion Ratio Lower Upper
96 100
61 141.4 99.0 183.8
98 63.3 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 51.540 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 73 Resp: 576143
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 22.0 17.6 26.4

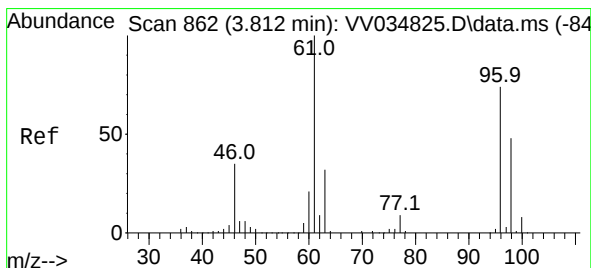
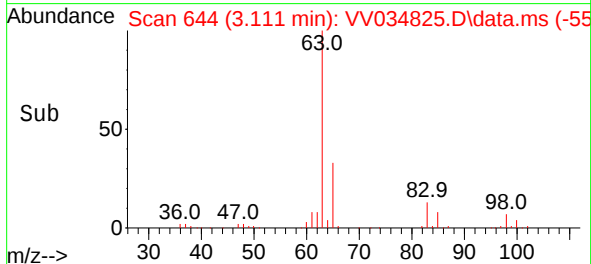
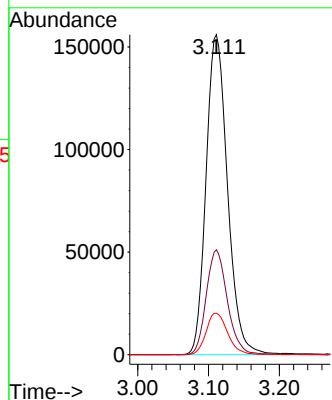
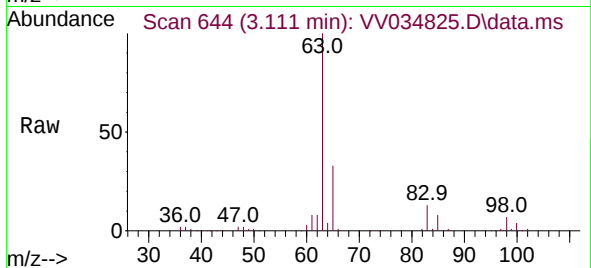




#19
1,1-Dichloroethane
Concen: 53.401 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

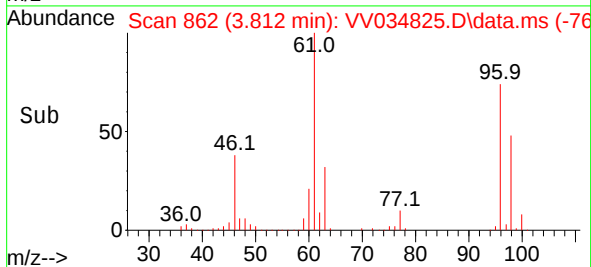
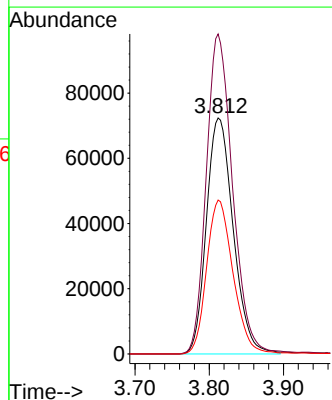
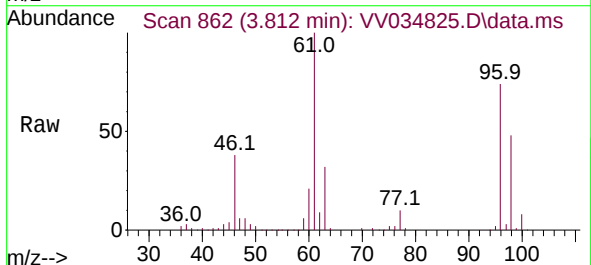
Instrument :
MSVOA_V
ClientSampleId :

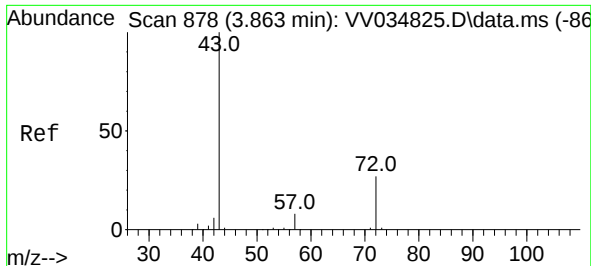
Tgt Ion: 63 Resp: 328346
Ion Ratio Lower Upper
63 100
65 32.8 23.0 42.6
83 13.0 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 53.419 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 96 Resp: 181835
Ion Ratio Lower Upper
96 100
61 135.6 94.9 176.3
98 65.2 45.6 84.8

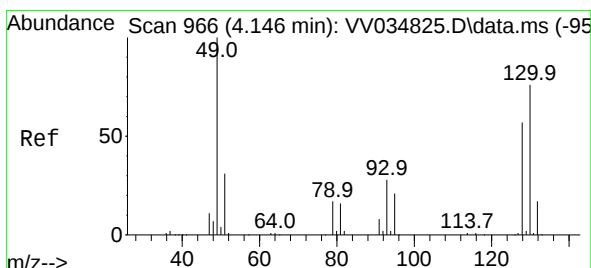
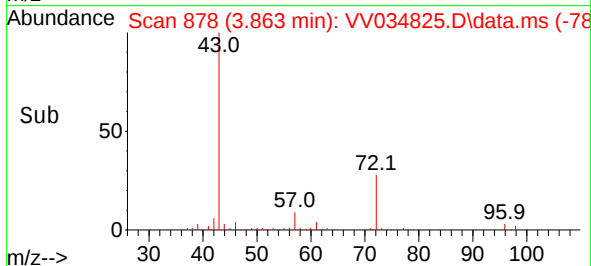
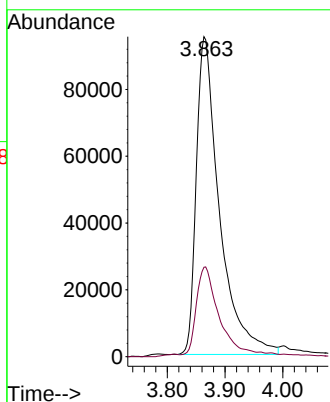
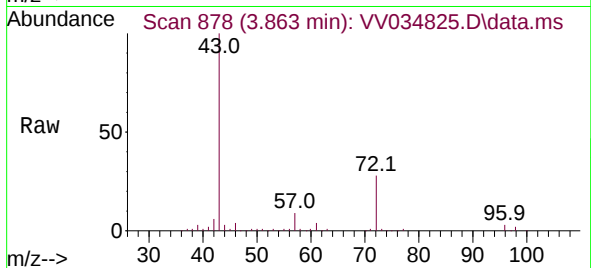




#22
2-Butanone
Concen: 91.984 ug/L
RT: 3.863 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

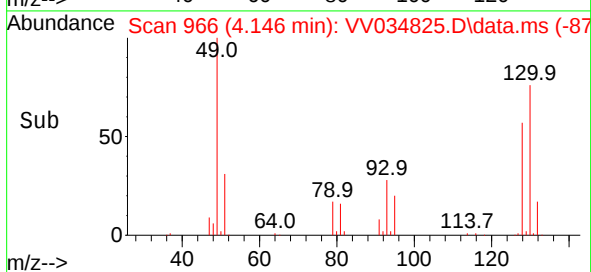
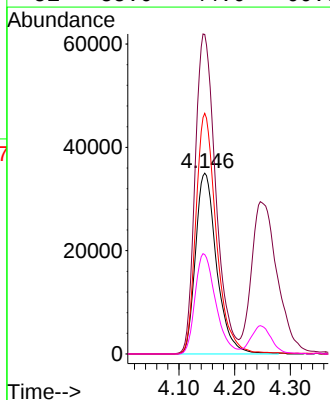
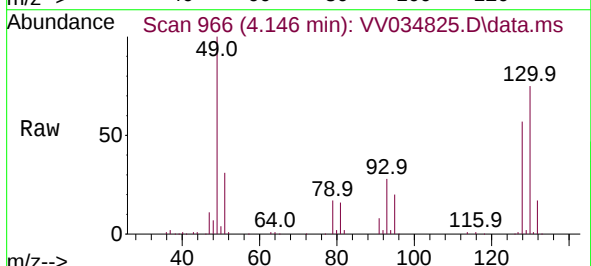
Instrument :
MSVOA_V
ClientSampleId :

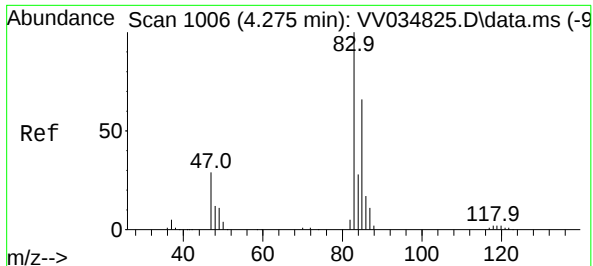
Tgt Ion: 43 Resp: 265133
Ion Ratio Lower Upper
43 100
72 26.4 13.2 39.6



#23
Bromochloromethane
Concen: 52.638 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion:128 Resp: 92085
Ion Ratio Lower Upper
128 100
49 176.8 123.8 229.8
130 133.1 93.2 173.0
51 55.0 44.0 66.0





#25

Chloroform

Concen: 51.529 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

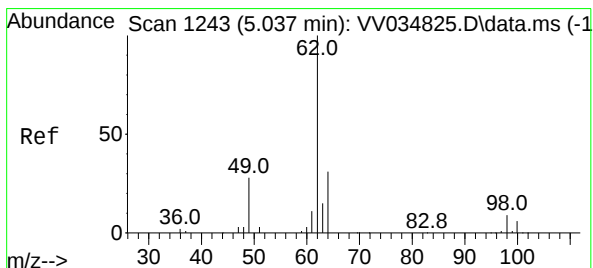
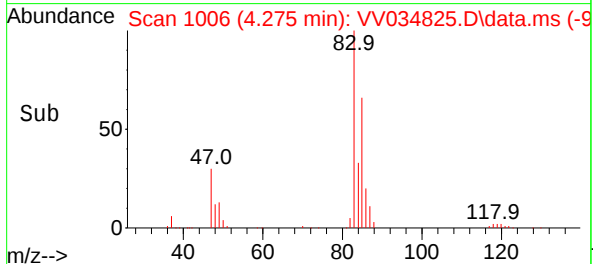
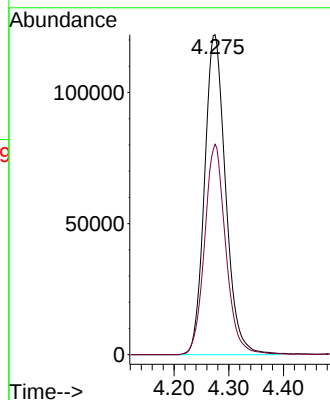
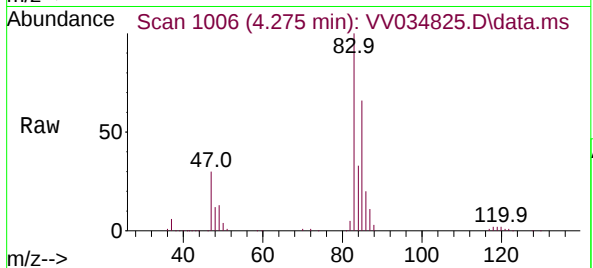
ClientSampleId :

Tgt Ion: 83 Resp: 326512

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.502 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034825.D

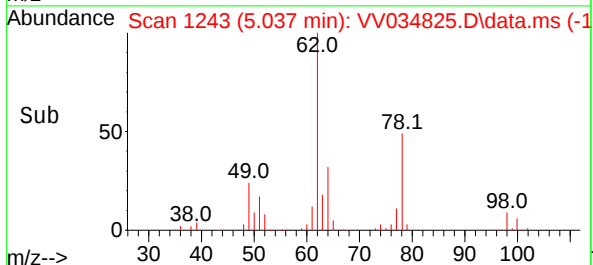
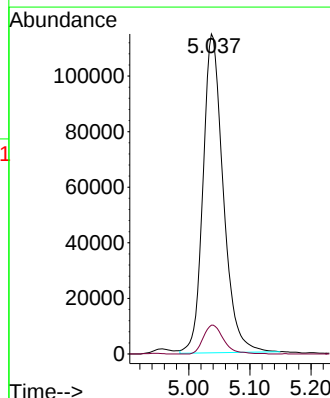
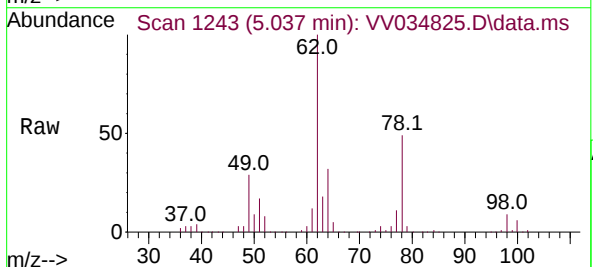
Acq: 26 Mar 2024 13:30

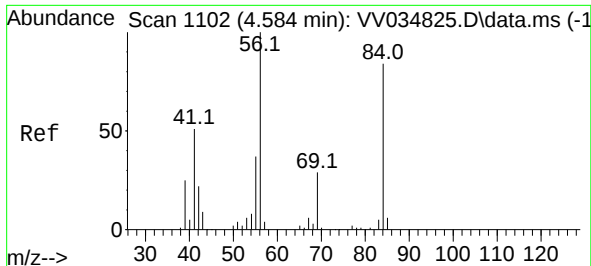
Tgt Ion: 62 Resp: 263645

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 49.656 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

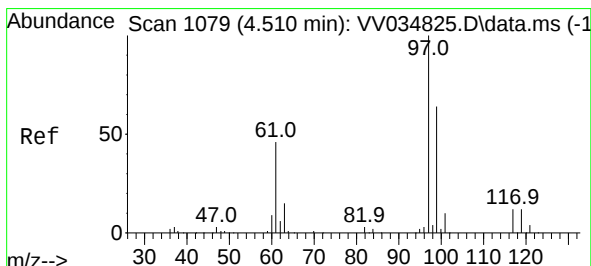
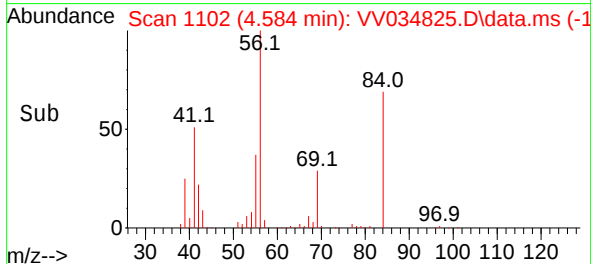
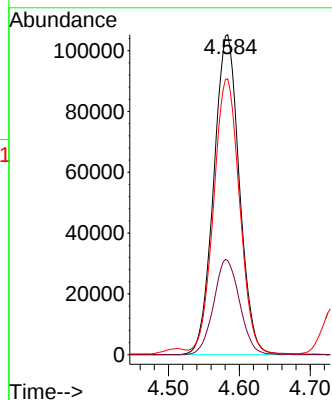
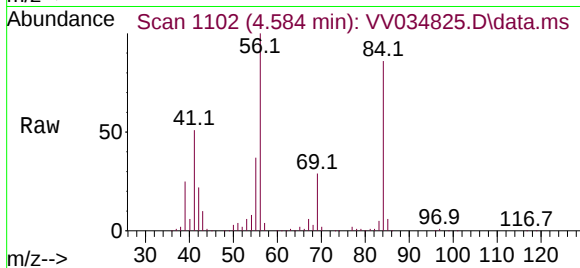
Tgt Ion: 56 Resp: 264240

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 87.3 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 47.808 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

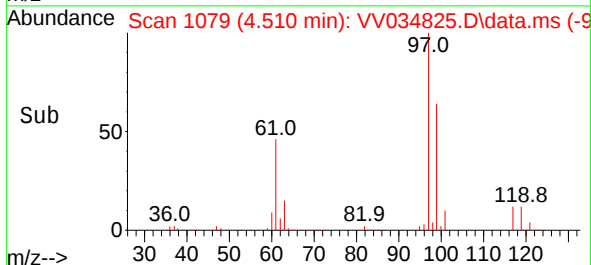
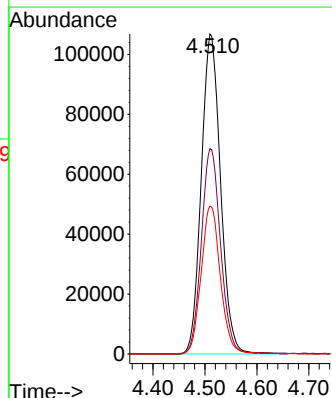
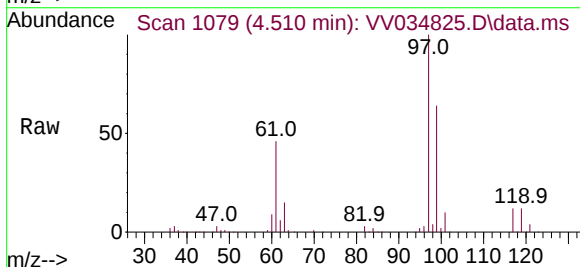
Tgt Ion: 97 Resp: 275078

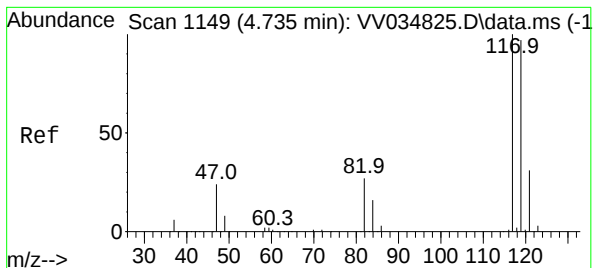
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 46.0 36.8 55.2





#31

Carbon tetrachloride

Concen: 45.813 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

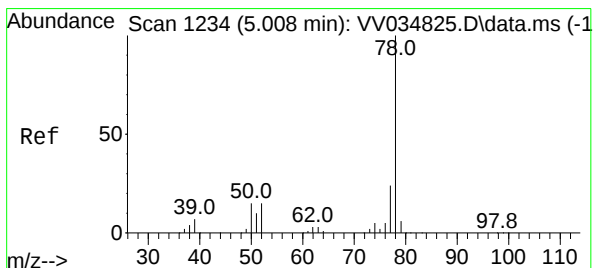
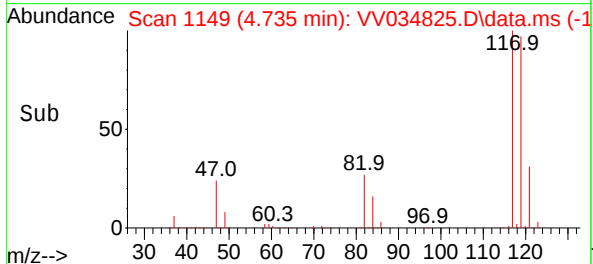
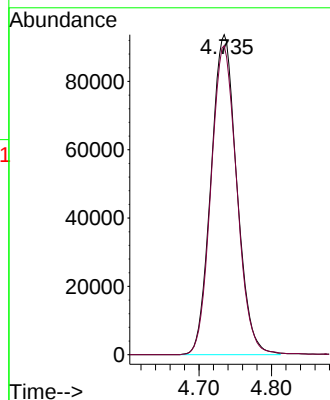
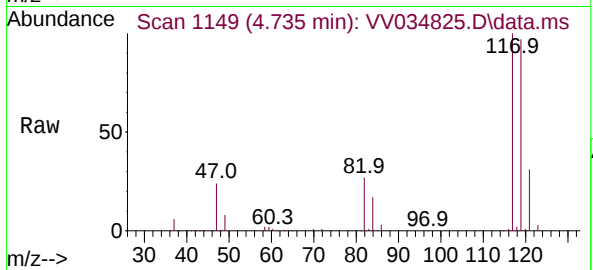
ClientSampleId :

Tgt Ion:117 Resp: 231879

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7



#33

Benzene

Concen: 54.363 ug/L

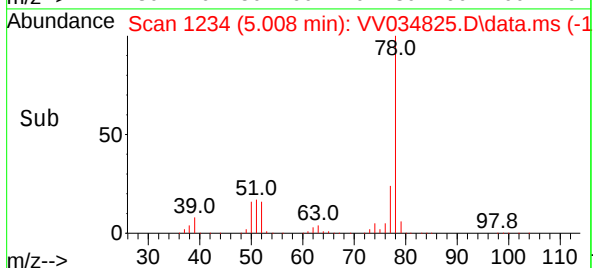
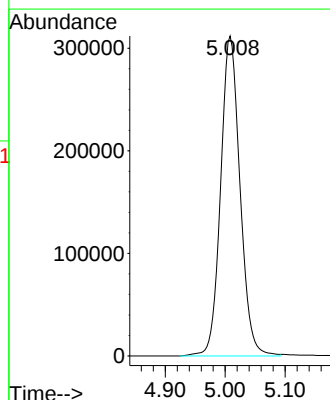
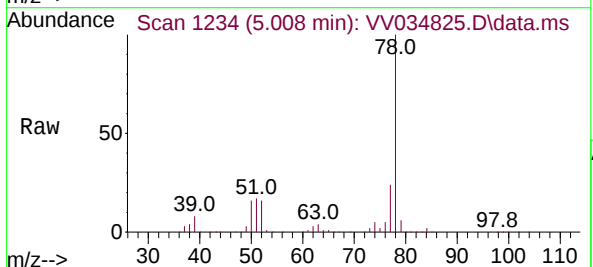
RT: 5.008 min Scan# 1234

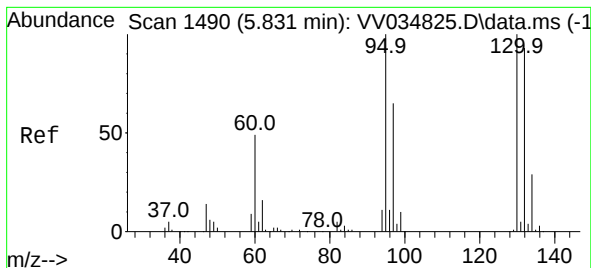
Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Tgt Ion: 78 Resp: 698419





#34

Trichloroethene

Concen: 51.060 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 184592

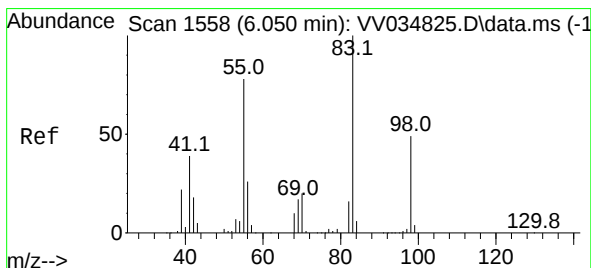
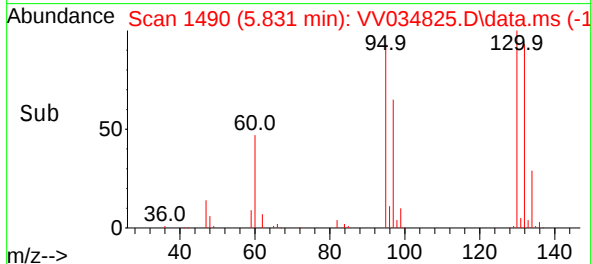
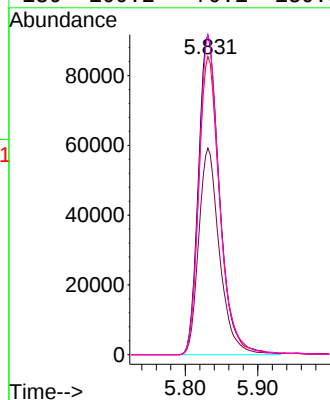
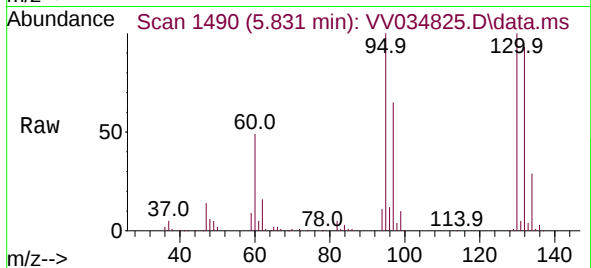
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 93.3 65.3 121.3

130 100.2 70.1 130.3



#35

Methylcyclohexane

Concen: 51.728 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

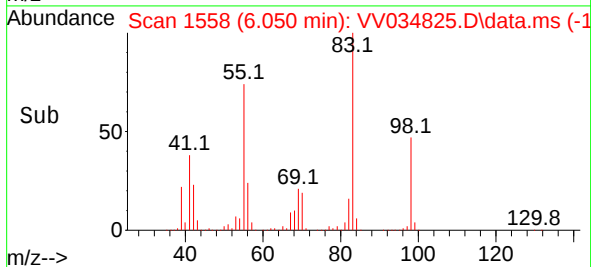
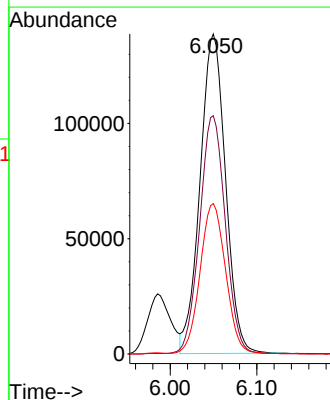
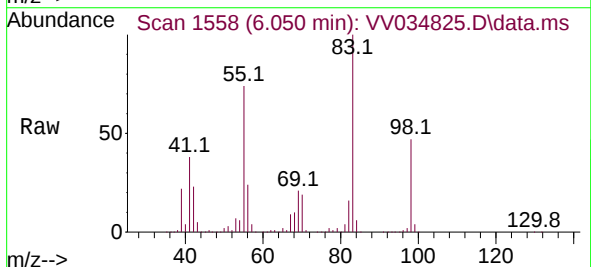
Tgt Ion: 83 Resp: 283289

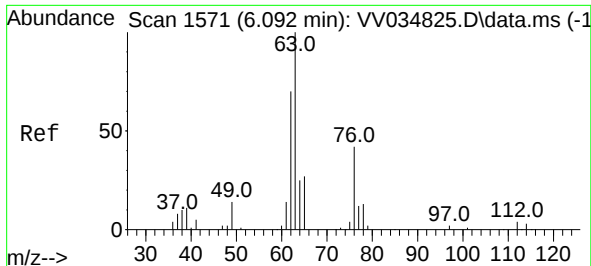
Ion Ratio Lower Upper

83 100

55 75.0 60.0 90.0

98 47.0 37.6 56.4

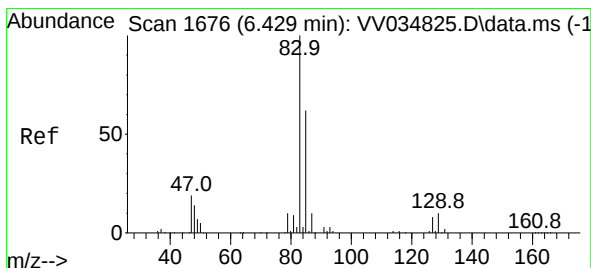
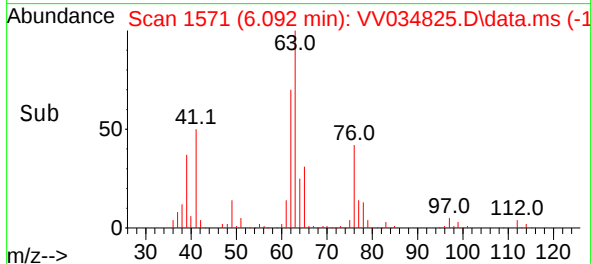
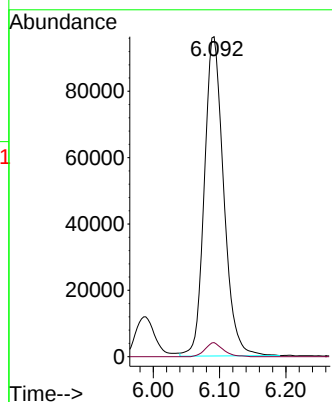
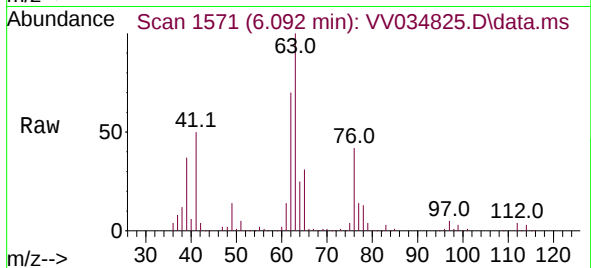




#37
1,2-Dichloropropane
Concen: 57.008 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

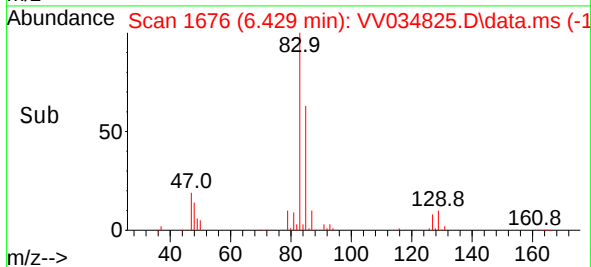
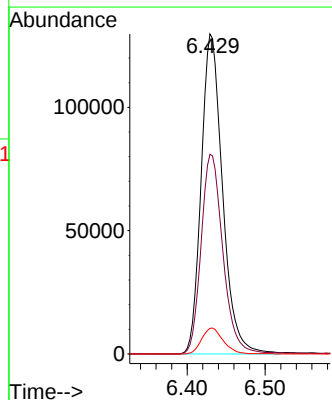
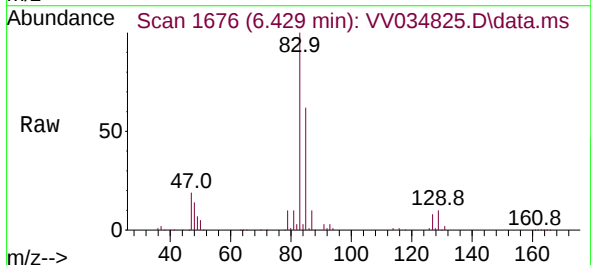
Instrument :
MSVOA_V
ClientSampleId :

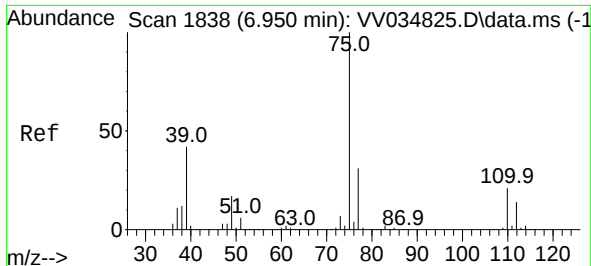
Tgt Ion: 63 Resp: 194524
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 52.630 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 83 Resp: 247162
Ion Ratio Lower Upper
83 100
85 62.4 43.7 81.1
127 8.0 6.4 9.6

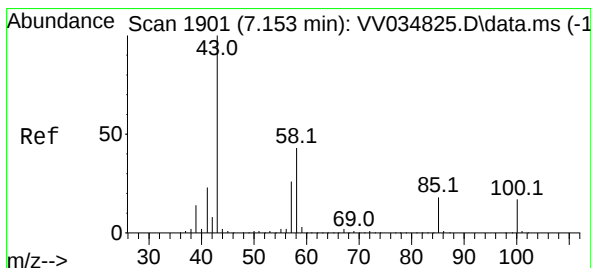
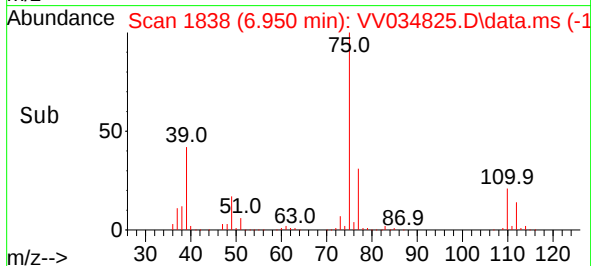
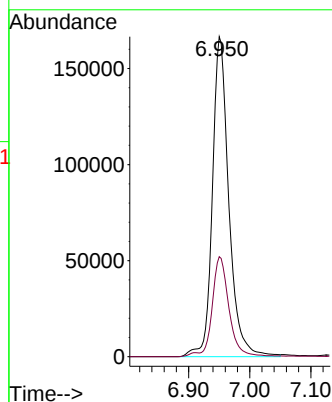
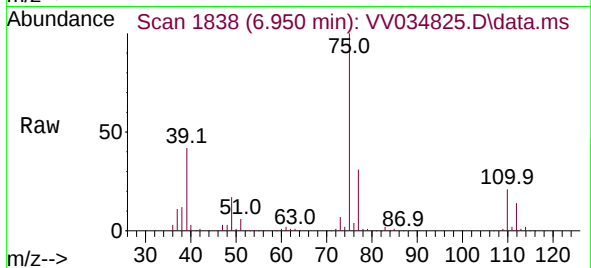




#39
 cis-1,3-Dichloropropene
 Concen: 56.985 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034825.D
 Acq: 26 Mar 2024 13:30

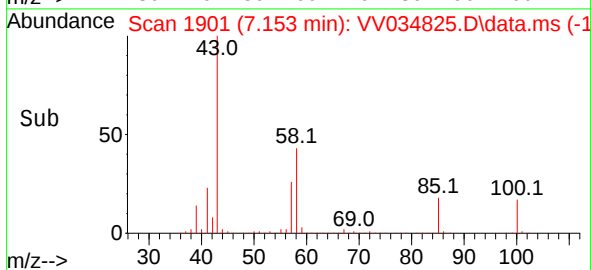
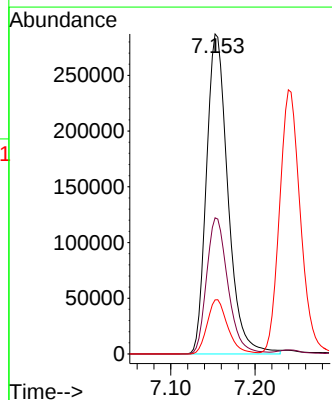
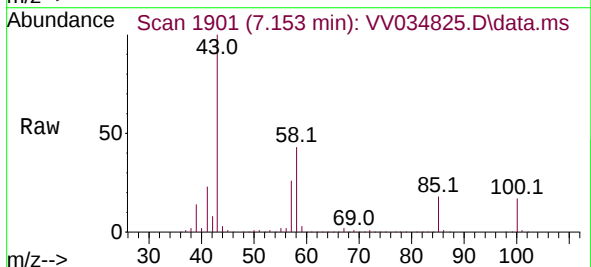
Instrument :
 MSVOA_V
 ClientSampleId :

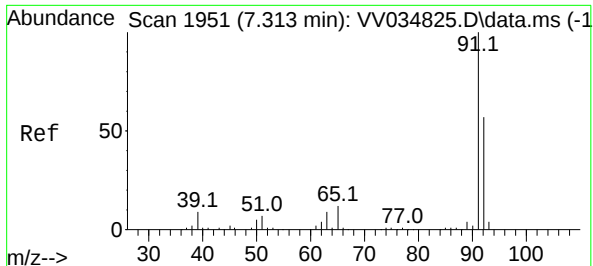
Tgt Ion: 75 Resp: 311802
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 104.533 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034825.D
 Acq: 26 Mar 2024 13:30

Tgt Ion: 43 Resp: 510327
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.8 50.8
 100 16.2 13.0 19.4





#42

Toluene

Concen: 54.143 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

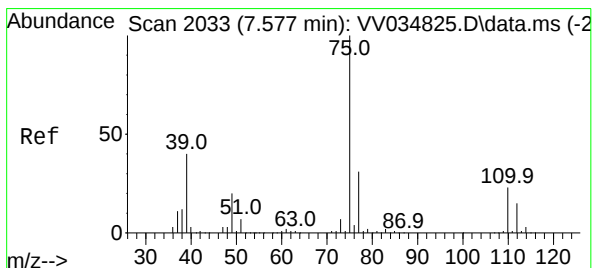
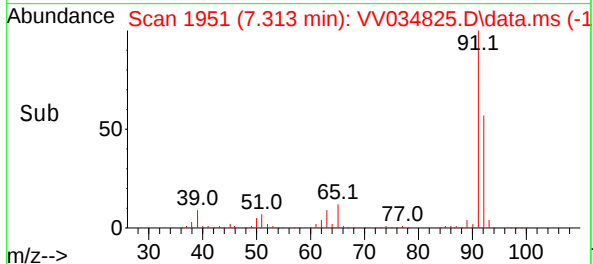
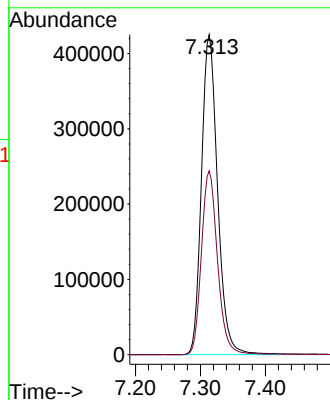
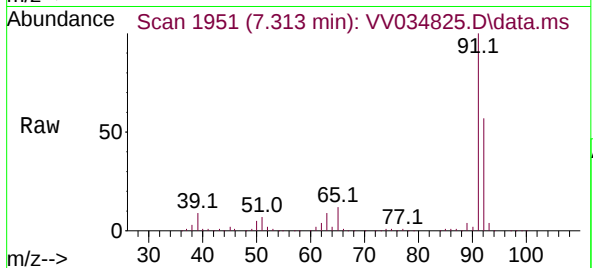
ClientSampleId :

Tgt Ion: 91 Resp: 735609

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 55.611 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034825.D

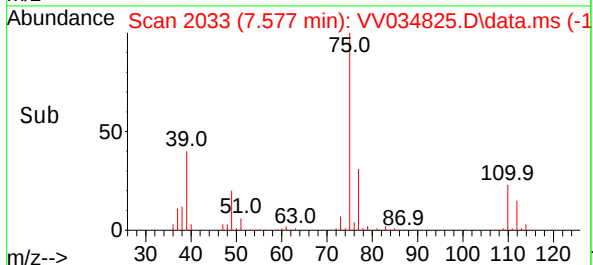
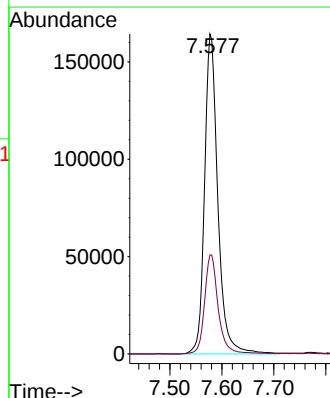
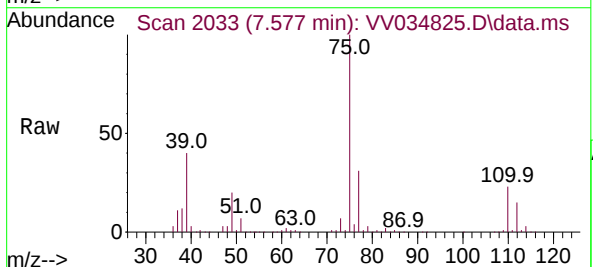
Acq: 26 Mar 2024 13:30

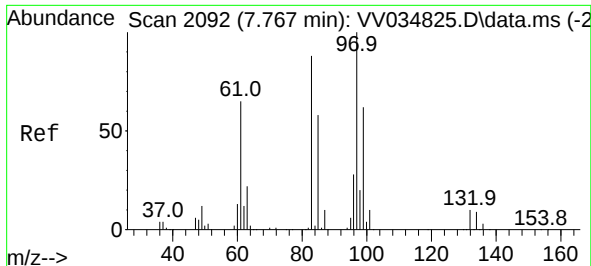
Tgt Ion: 75 Resp: 291607

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3

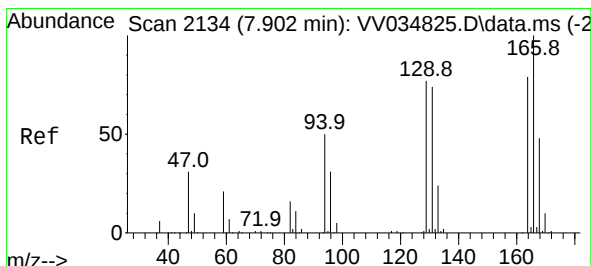
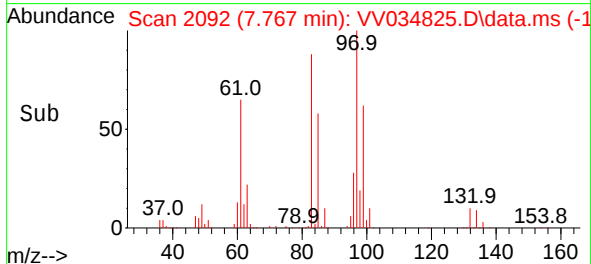
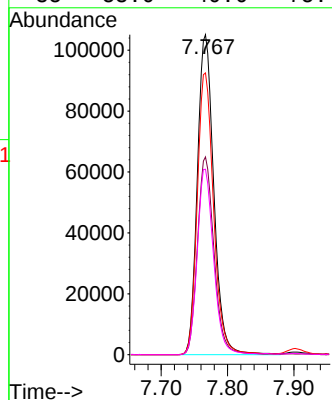
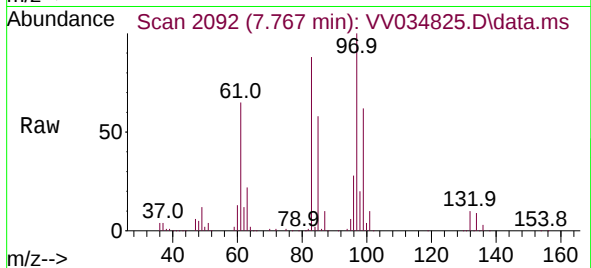




#45
1,1,2-Trichloroethane
Concen: 55.377 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

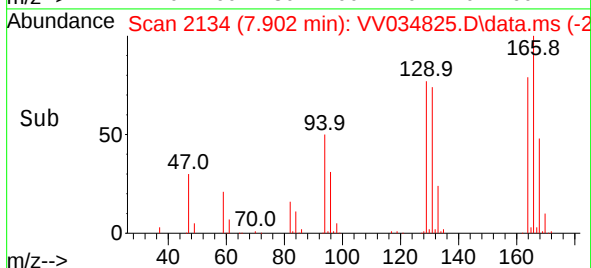
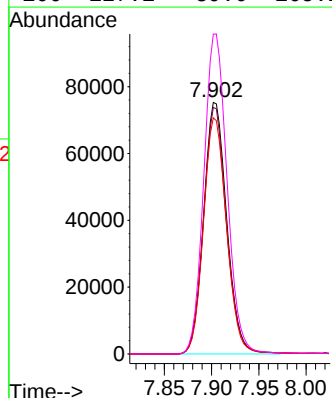
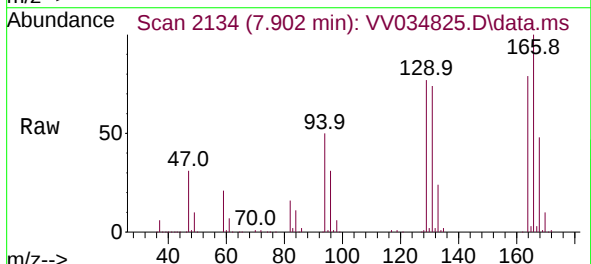
Instrument :
MSVOA_V
ClientSampleId :

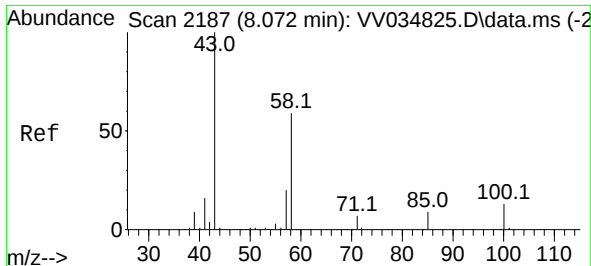
Tgt Ion:	97	Resp:	181015
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	88.0	61.6	114.4
85	58.0	40.6	75.4



#46
Tetrachloroethene
Concen: 48.364 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion:	164	Resp:	128162
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.6	127.4
131	93.9	65.7	122.1
166	127.1	89.0	165.2



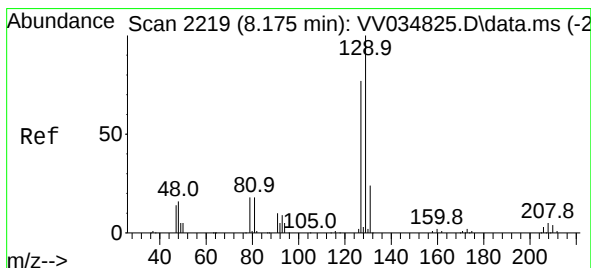
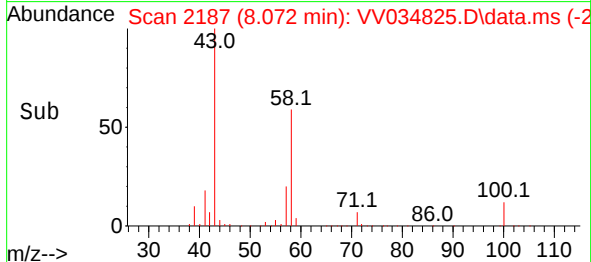
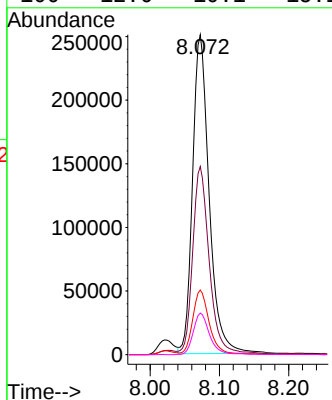
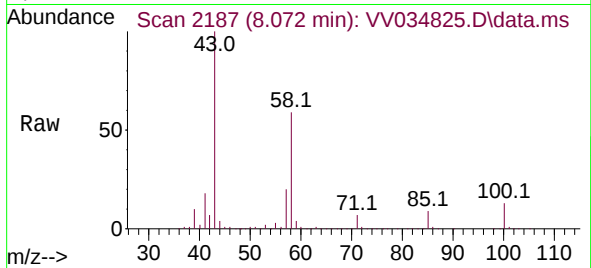


#48
2-Hexanone
Concen: 107.754 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 418989

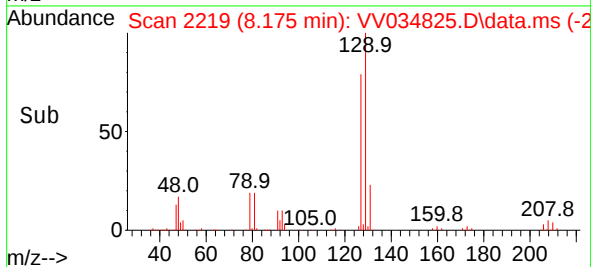
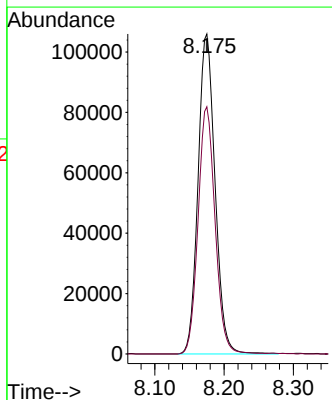
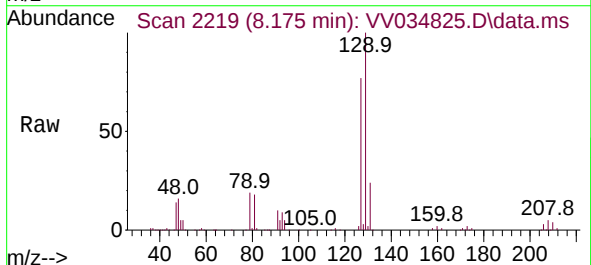
Ion	Ratio	Lower	Upper
43	100		
58	56.8	45.4	68.2
57	20.3	16.2	24.4
100	12.6	10.1	15.1

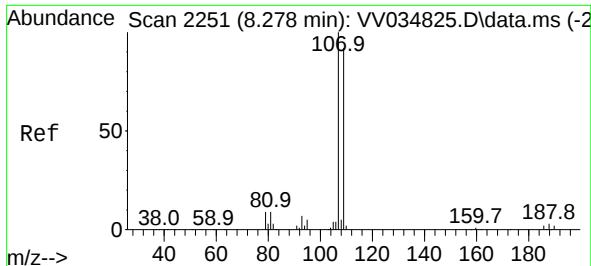


#49
Dibromochloromethane
Concen: 53.051 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 129 Resp: 180789

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5

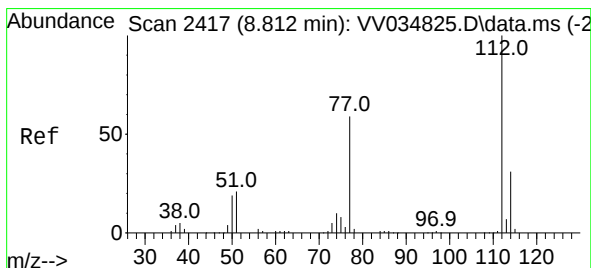
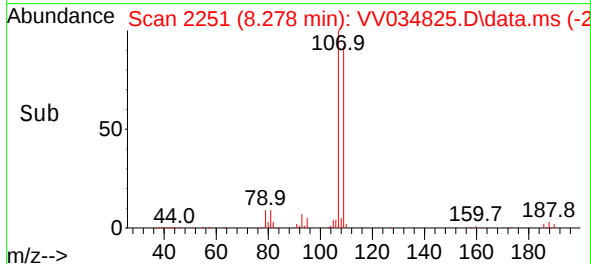
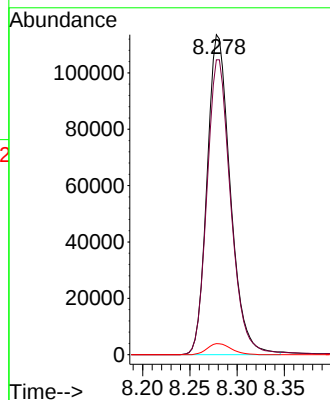
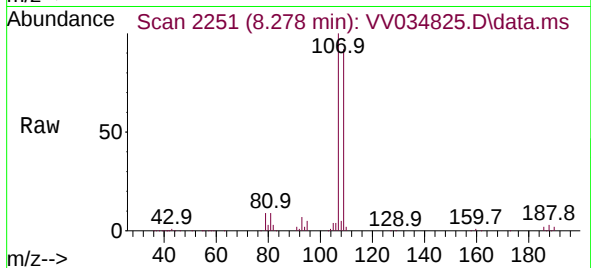




#50
1,2-Dibromoethane
Concen: 55.983 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

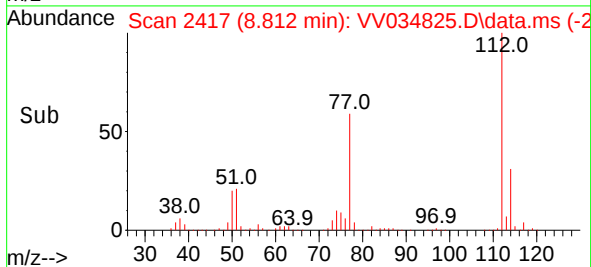
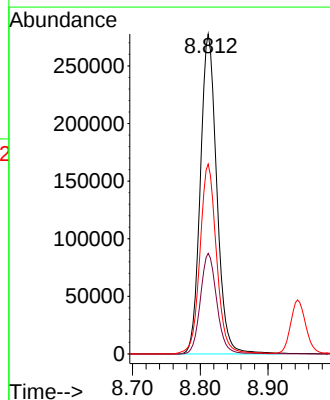
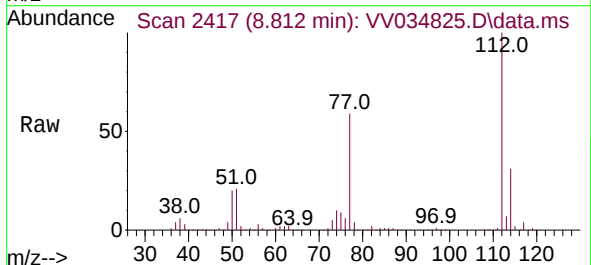
Instrument :
MSVOA_V
ClientSampleId :

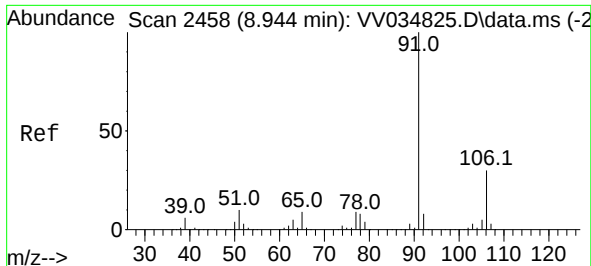
Tgt Ion:107 Resp: 194456
Ion Ratio Lower Upper
107 100
109 92.2 64.5 119.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 53.131 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion:112 Resp: 467577
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 59.3 47.4 71.2





#52

Ethylbenzene

Concen: 53.356 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

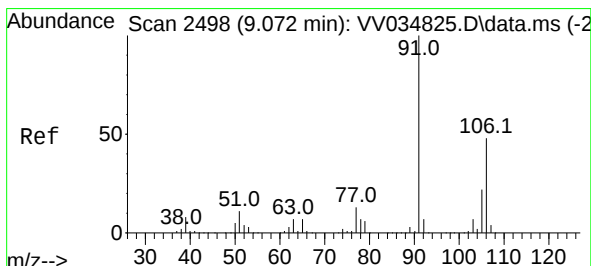
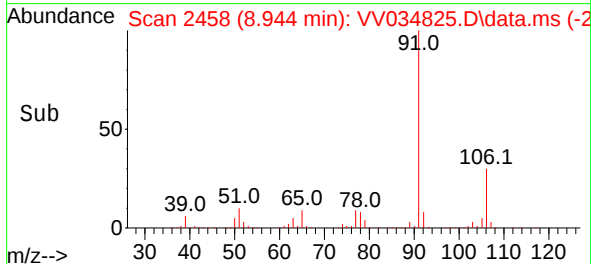
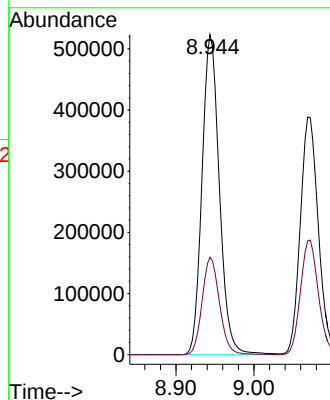
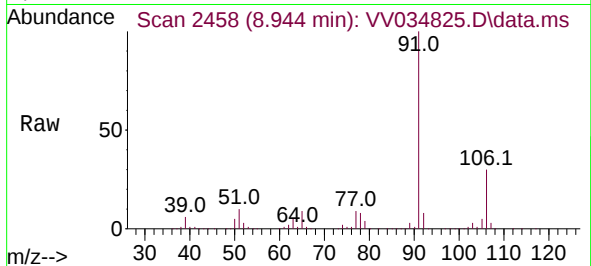
ClientSampleId :

Tgt Ion: 91 Resp: 809147

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 52.294 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034825.D

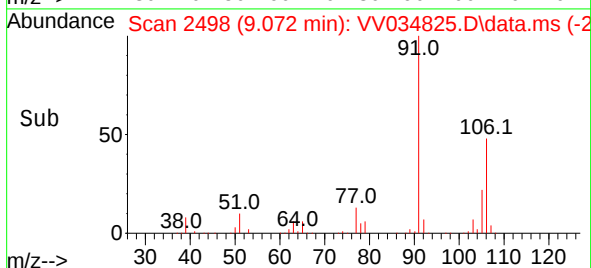
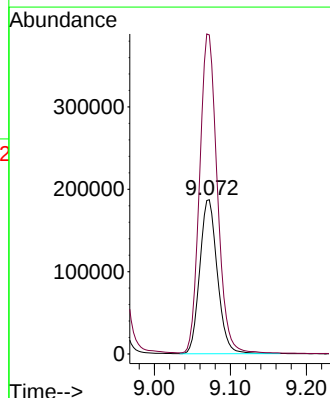
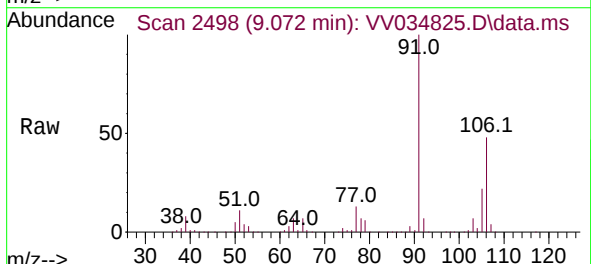
Acq: 26 Mar 2024 13:30

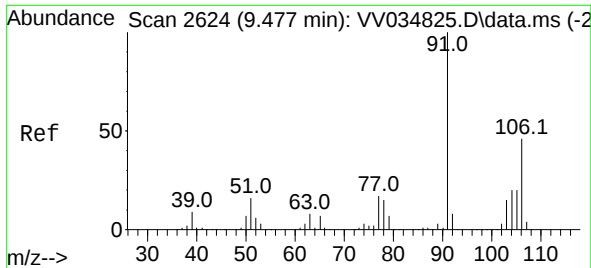
Tgt Ion:106 Resp: 300799

Ion Ratio Lower Upper

106 100

91 206.9 144.8 269.0

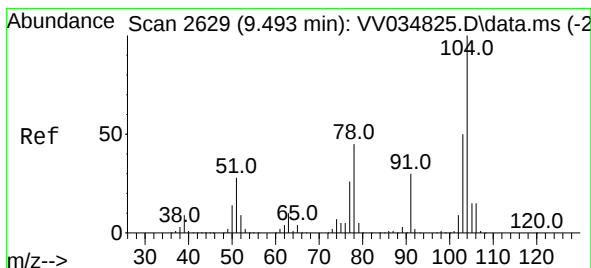
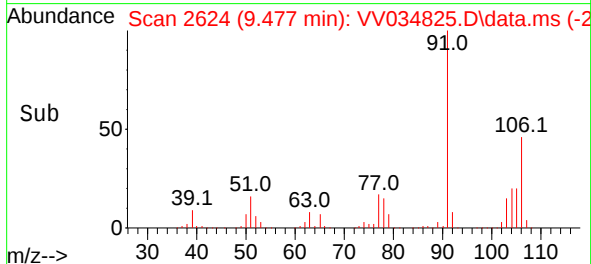
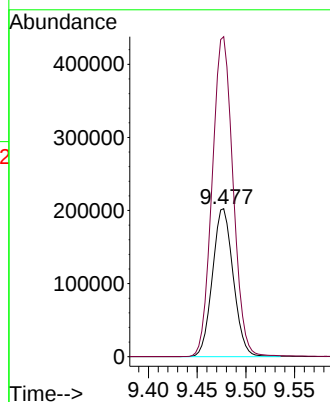
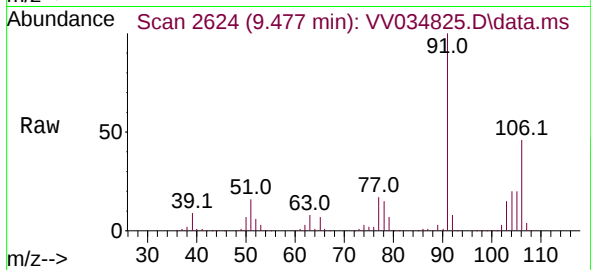




#54
o-Xylene
Concen: 53.374 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

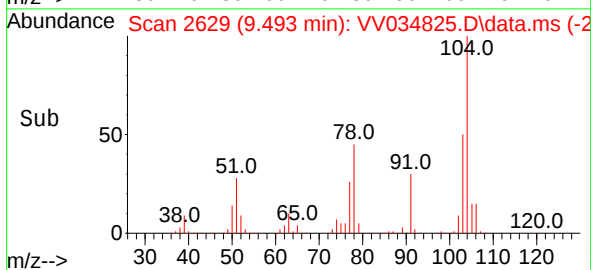
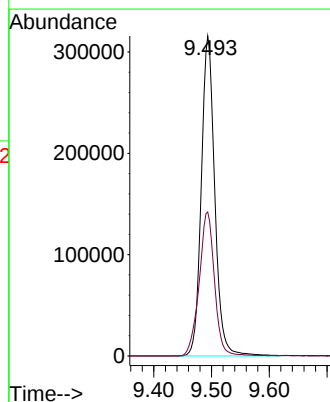
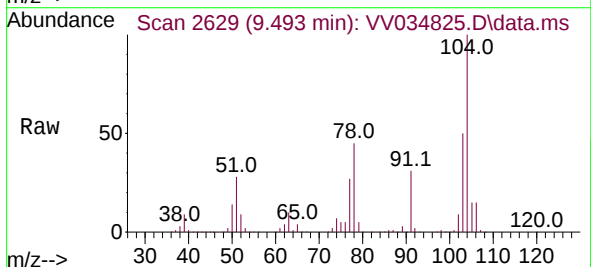
Instrument :
MSVOA_V
ClientSampleId :

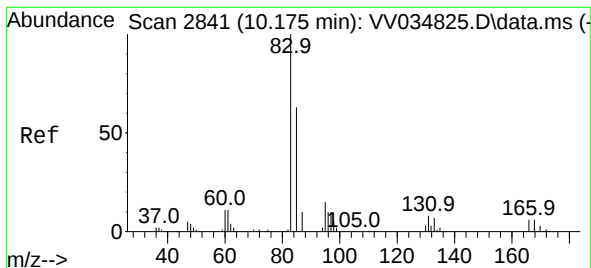
Tgt Ion:106 Resp: 301184
Ion Ratio Lower Upper
106 100
91 216.1 151.3 280.9



#55
Styrene
Concen: 53.918 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion:104 Resp: 514252
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5

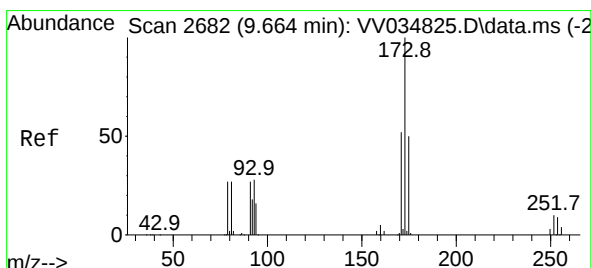
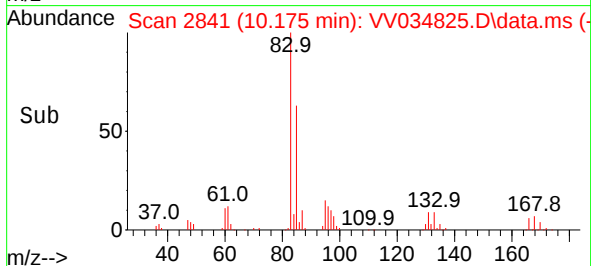
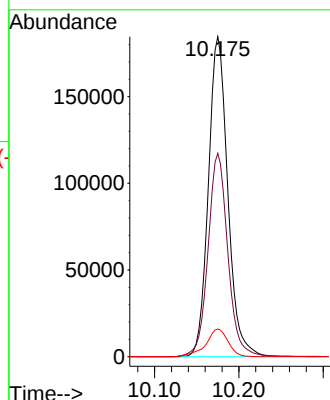
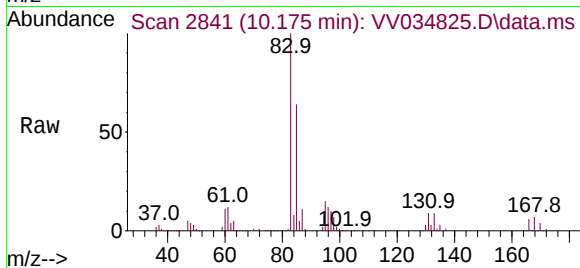




#57
1,1,2,2-Tetrachloroethane
Concen: 59.040 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

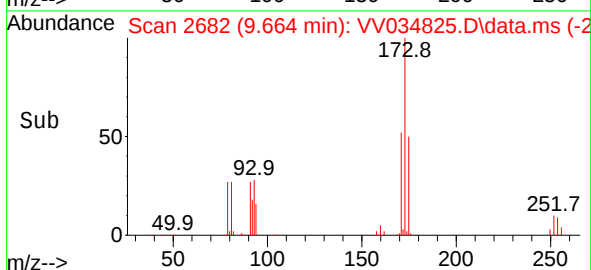
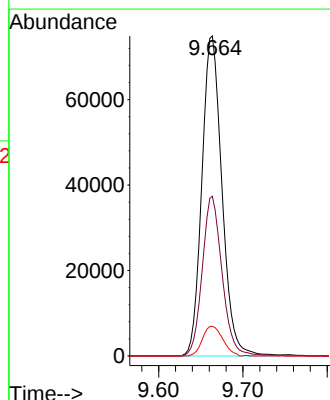
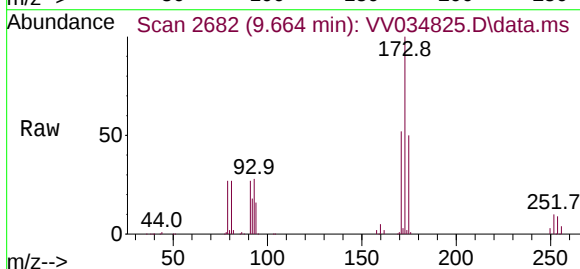
Instrument :
MSVOA_V
ClientSampleId :

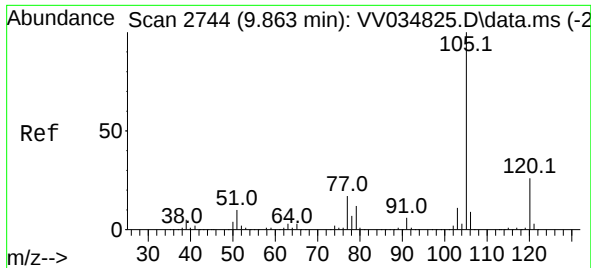
Tgt Ion: 83 Resp: 296106
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
131 8.6 6.9 10.3



#59
Bromoform
Concen: 53.087 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 173 Resp: 124443
Ion Ratio Lower Upper
173 100
175 49.1 39.3 58.9
254 9.4 7.5 11.3

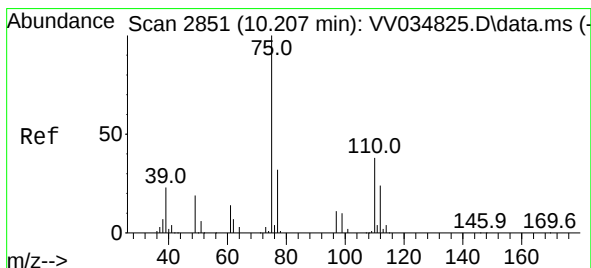
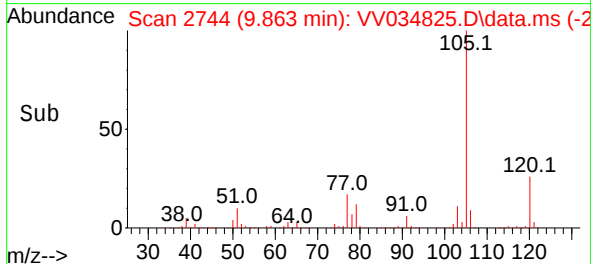
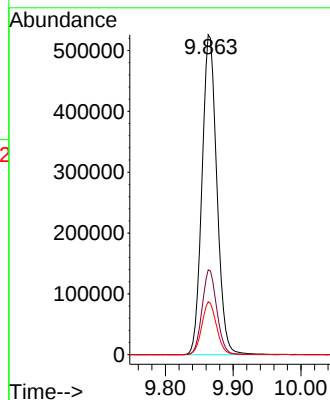
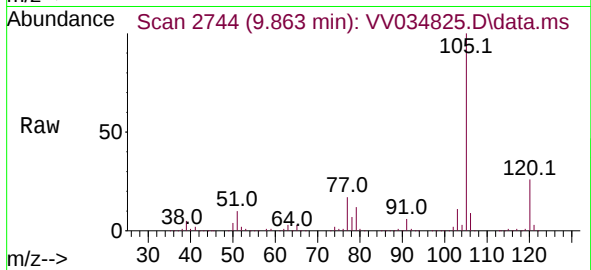




#60
Isopropylbenzene
Concen: 53.549 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

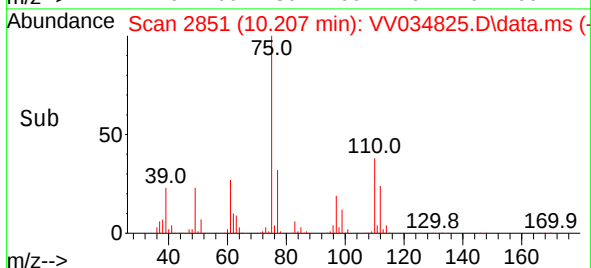
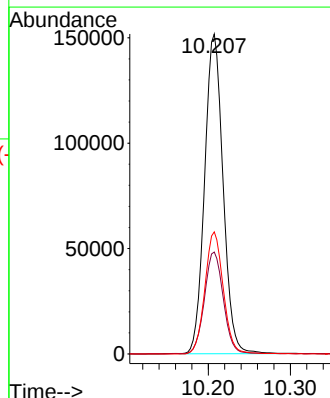
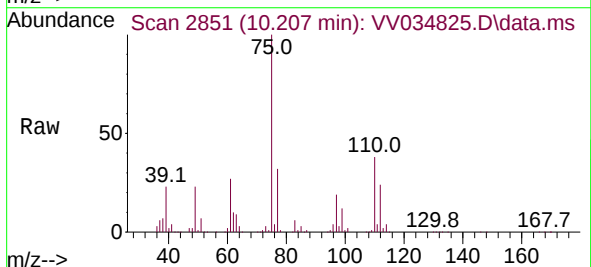
Instrument :
MSVOA_V
ClientSampleId :

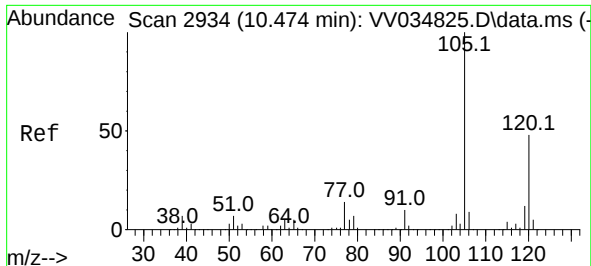
Tgt Ion:105 Resp: 800582
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 57.207 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion: 75 Resp: 236748
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 38.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 44.224 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

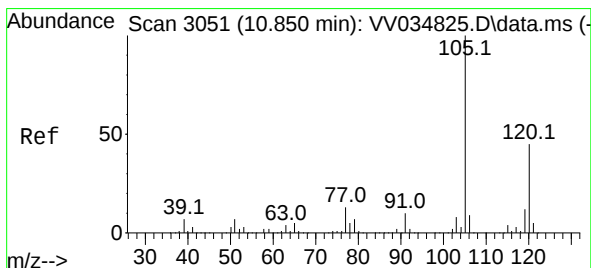
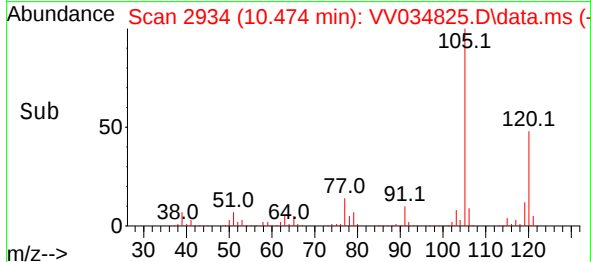
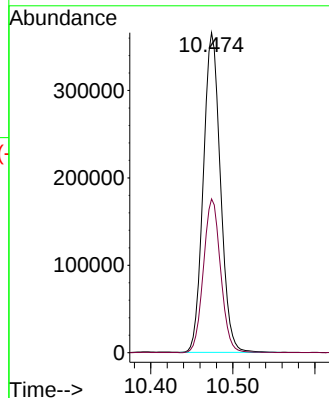
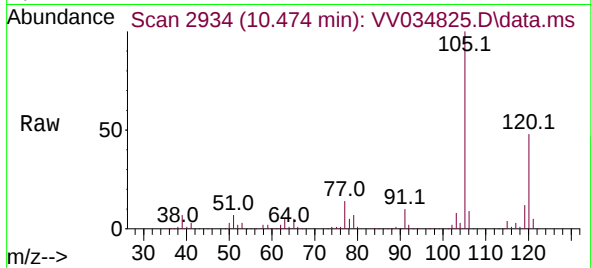
ClientSampleId :

Tgt Ion:105 Resp: 531635

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 53.091 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034825.D

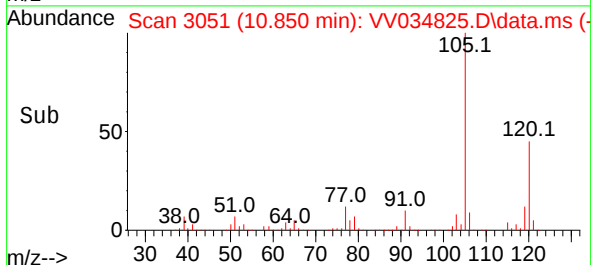
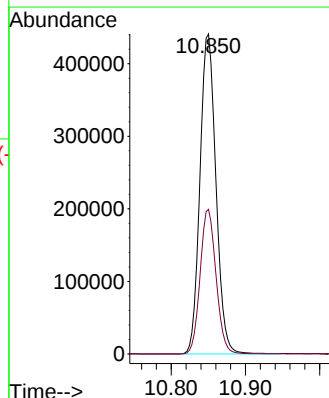
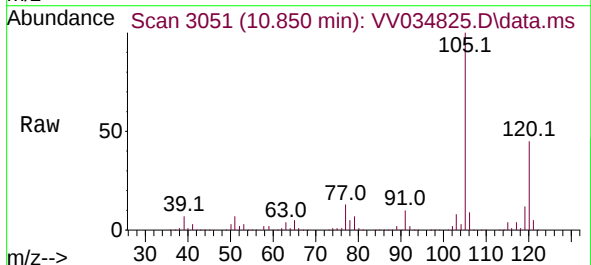
Acq: 26 Mar 2024 13:30

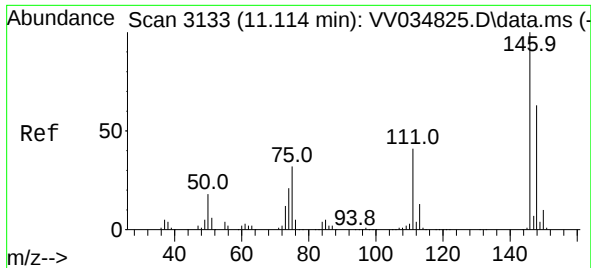
Tgt Ion:105 Resp: 660115

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9

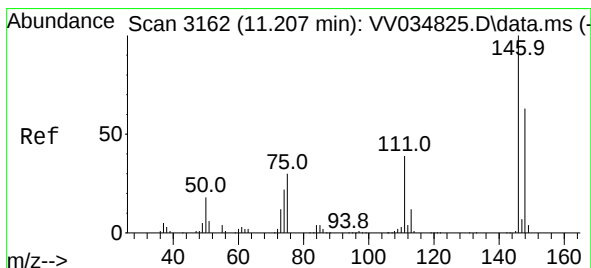
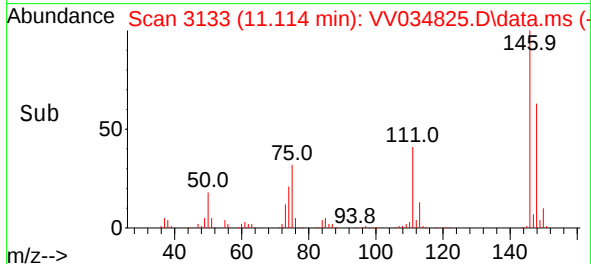
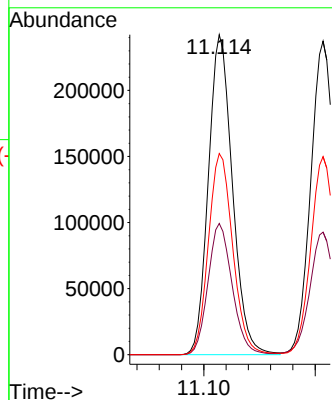
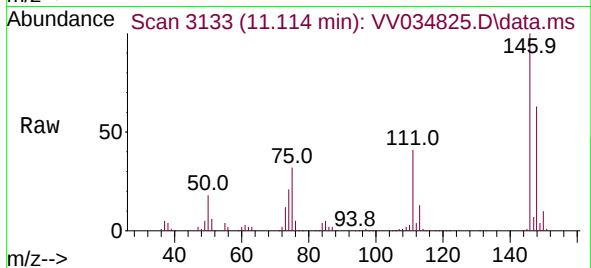




#64
1,3-Dichlorobenzene
Concen: 52.510 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

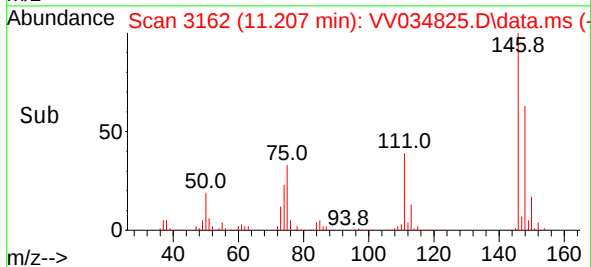
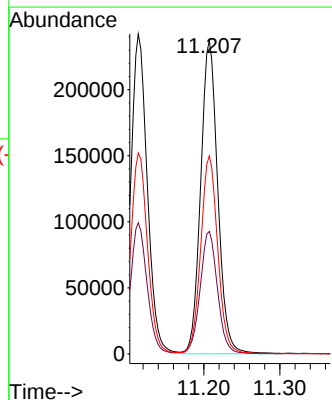
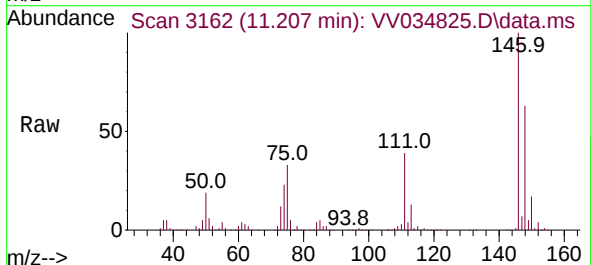
Instrument :
MSVOA_V
ClientSampleId :

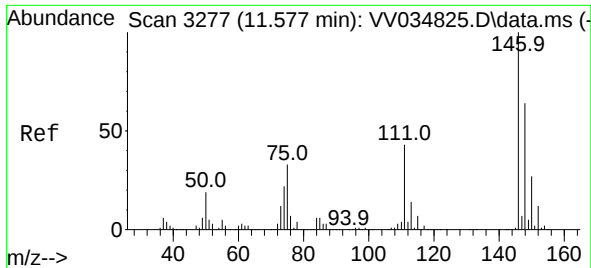
Tgt Ion:146 Resp: 363257
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 52.423 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034825.D
Acq: 26 Mar 2024 13:30

Tgt Ion:146 Resp: 369817
Ion Ratio Lower Upper
146 100
111 39.1 27.4 50.8
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 51.997 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

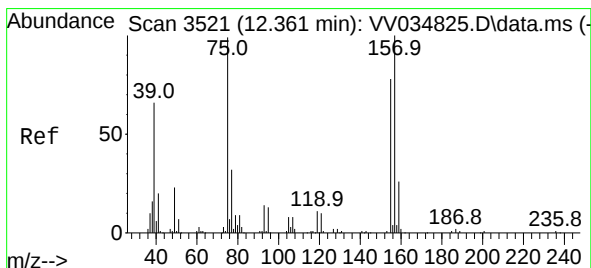
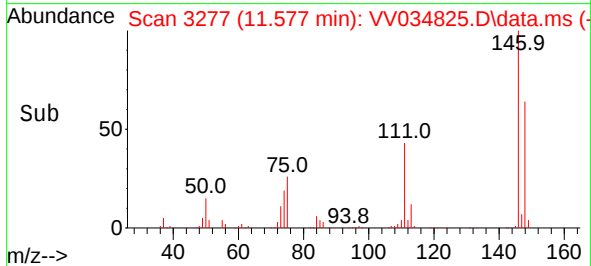
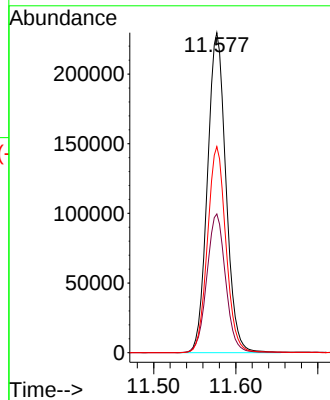
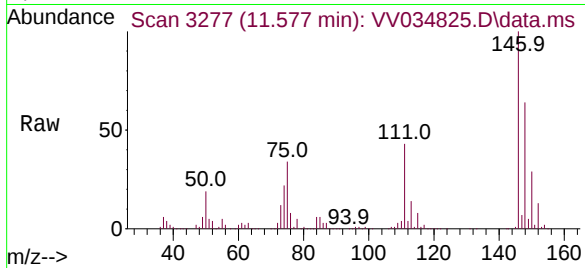
Tgt Ion:146 Resp: 360767

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 55.031 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

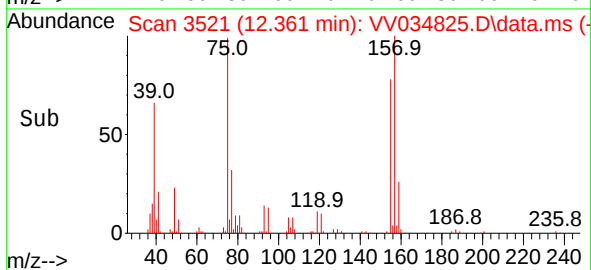
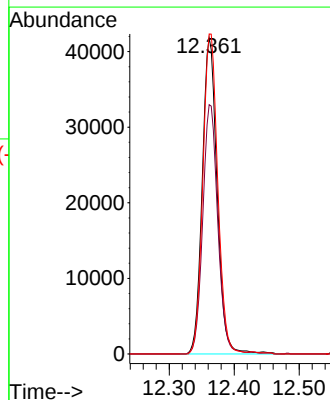
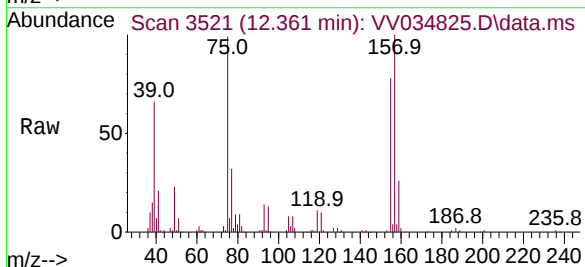
Tgt Ion: 75 Resp: 66659

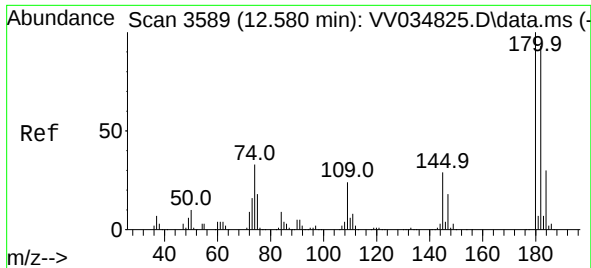
Ion Ratio Lower Upper

75 100

155 78.8 63.0 94.6

157 101.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 51.336 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

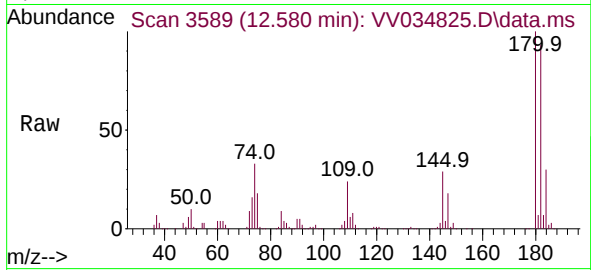
Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 264338

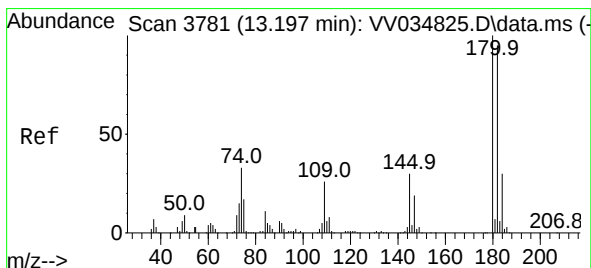
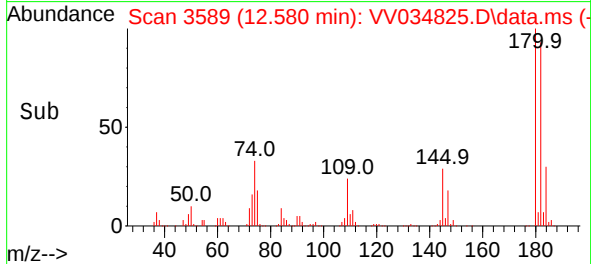
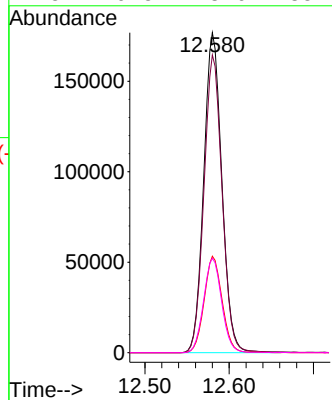
Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

184 30.0 24.0 36.0

145 29.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 52.310 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

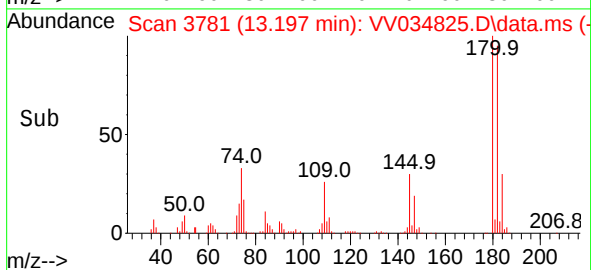
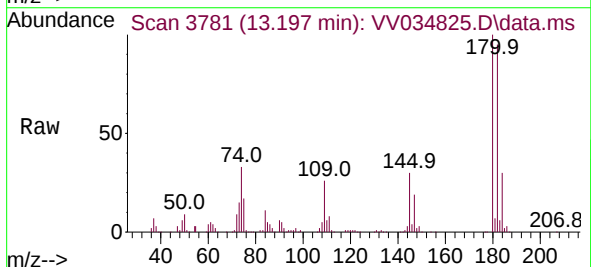
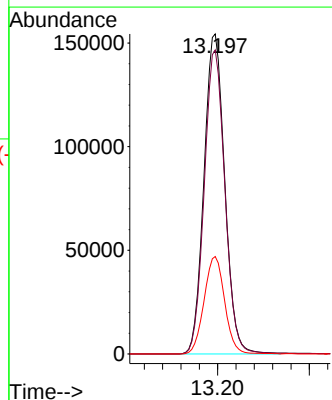
Tgt Ion:180 Resp: 242719

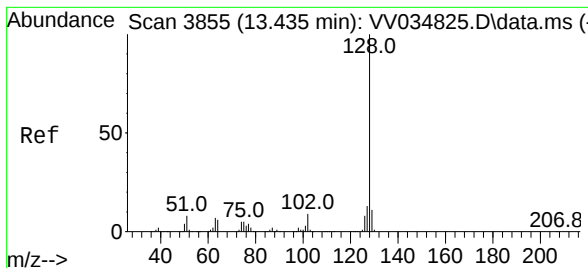
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 30.1 24.1 36.1





#71

Naphthalene

Concen: 53.106 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

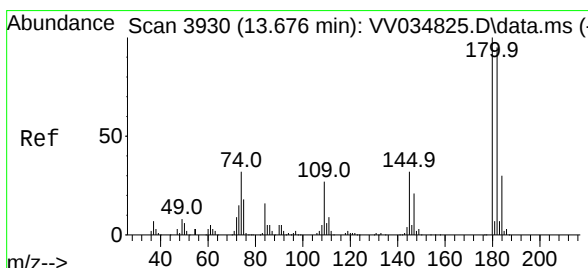
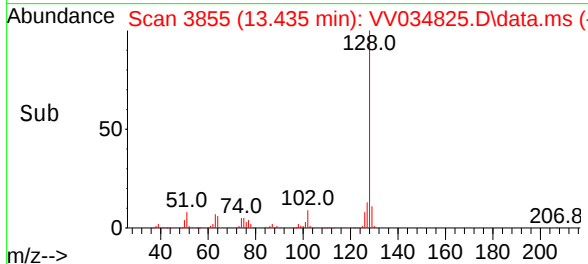
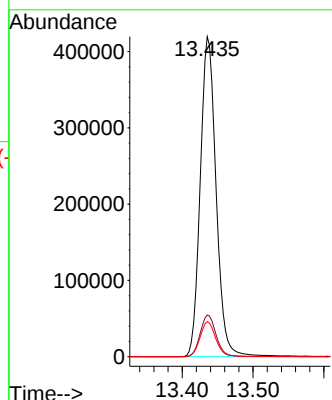
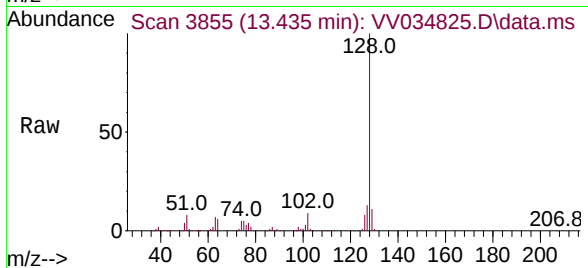
Tgt Ion:128 Resp: 651347

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.554 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV034825.D

Acq: 26 Mar 2024 13:30

Tgt Ion:180 Resp: 242062

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 32.2 25.8 38.6

