

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034746.D
 Acq On : 19 Mar 2024 19:33
 Operator : SY/MD
 Sample : P1756-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 20 01:27:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	327958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	131299	46.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.360%
7) Chloroethane-d5	1.529	69	106815	48.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	2.060	65	59133	45.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
21) 2-Butanone-d5	3.786	46	182310	95.889	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.890%
24) Chloroform-d	4.246	84	249749	49.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	4.940	65	162463	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	4.960	84	466382	49.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
36) 1,2-Dichloropropane-d6	5.985	67	142141	49.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	7.243	98	427171	50.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.540%
43) trans-1,3-Dichloroprop...	7.551	79	73873	51.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.680%
47) 2-Hexanone-d5	8.024	63	116355	81.313	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.310%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	196144	52.013	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.020%
66) 1,2-Dichlorobenzene-d4	11.558	152	165034	49.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	144074	41.882	ug/L	100
3) Chloromethane	1.214	50	138408	40.946	ug/L	99
5) Vinyl chloride	1.285	62	143353	43.689	ug/L	99
6) Bromomethane	1.484	94	89859	45.644	ug/L	99
8) Chloroethane	1.545	64	93526	47.956	ug/L	98
9) Trichlorofluoromethane	1.712	101	225636	45.920	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	125137	47.252	ug/L	98
12) 1,1-Dichloroethene	2.069	96	115018	46.836	ug/L	98
13) Acetone	2.114	43	191662	83.855	ug/L	98
14) Carbon disulfide	2.240	76	279427	40.999	ug/L	99
15) Methyl Acetate	2.371	43	150650	51.521	ug/L	99
16) Methylene chloride	2.445	84	135391	51.976	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	115210	48.471	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	470970	55.176	ug/L	98
19) 1,1-Dichloroethane	3.111	63	256158	55.015	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	135977	52.726	ug/L	94
22) 2-Butanone	3.867	43	198765	88.066	ug/L	99
23) Bromochloromethane	4.146	128	70084	52.554	ug/L	95
25) Chloroform	4.275	83	250668	51.940	ug/L	99

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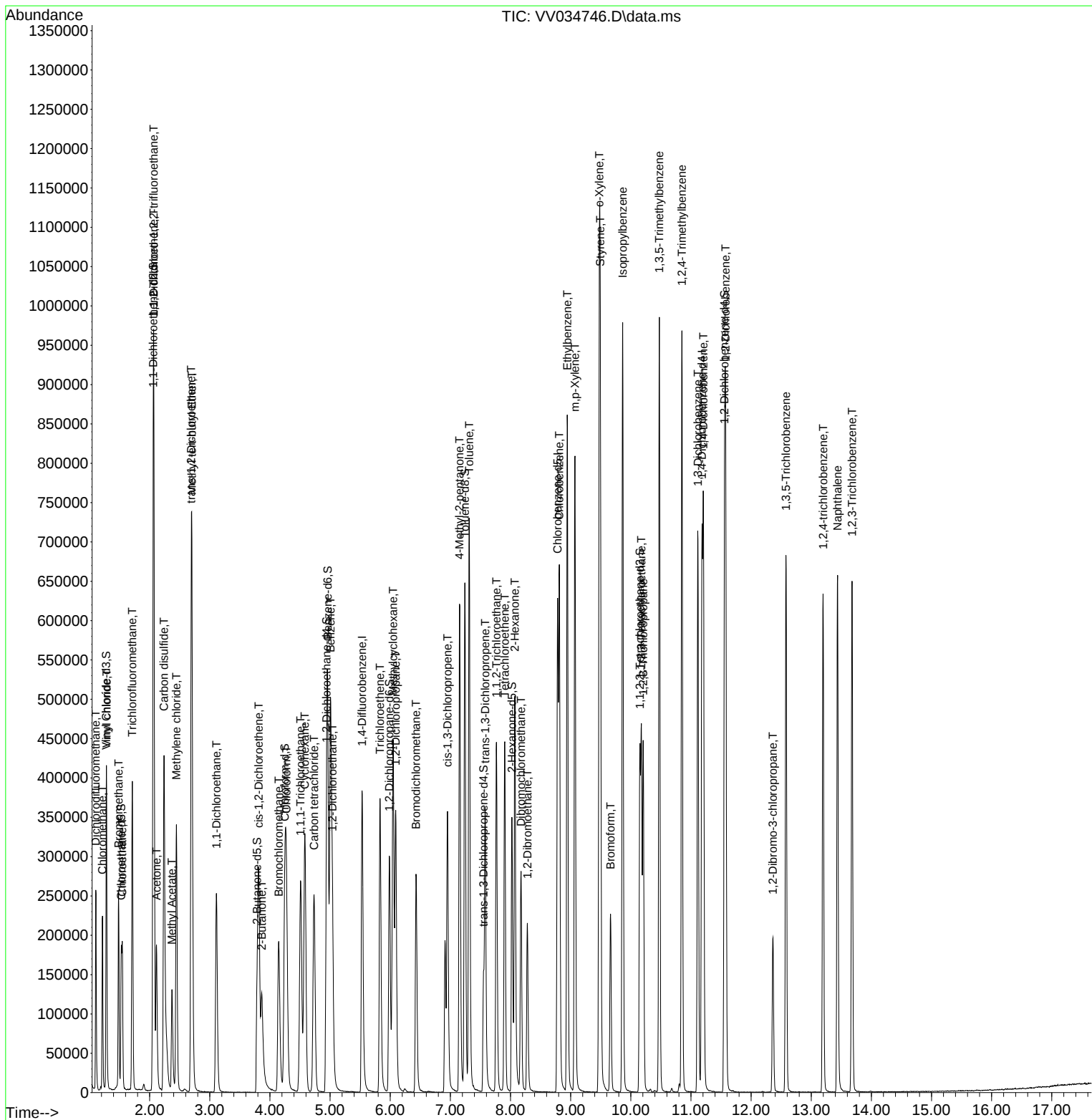
Instrument :
 MSVOA_V
 ClientSampleId :

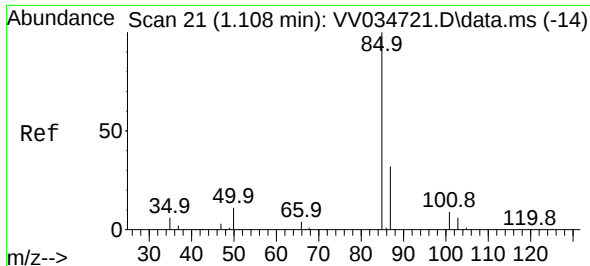
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 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	206075	52.556	ug/L	98
29) Cyclohexane	4.580	56	185136	45.240	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	223973	50.202	ug/L	100
31) Carbon tetrachloride	4.735	117	193241	48.922	ug/L	99
33) Benzene	5.008	78	495356	51.294	ug/L	100
34) Trichloroethene	5.831	95	131429	47.877	ug/L	99
35) Methylcyclohexane	6.050	83	188032	45.056	ug/L	100
37) 1,2-Dichloropropane	6.092	63	137374	54.333	ug/L	100
38) Bromodichloromethane	6.429	83	186829	52.533	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	208956	51.009	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	399983	107.285	ug/L	98
42) Toluene	7.313	91	516101	50.495	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	209348	53.136	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	133536	54.739	ug/L	98
46) Tetrachloroethene	7.905	164	98708	48.350	ug/L	98
48) 2-Hexanone	8.072	43	316439	106.516	ug/L	98
49) Dibromochloromethane	8.175	129	140390	54.534	ug/L	98
50) 1,2-Dibromoethane	8.281	107	135936	52.511	ug/L	99
51) Chlorobenzene	8.812	112	346056	52.373	ug/L	99
52) Ethylbenzene	8.944	91	597486	52.172	ug/L	98
53) m,p-Xylene	9.072	106	221190	50.897	ug/L	99
54) o-Xylene	9.477	106	222177	52.209	ug/L	100
55) Styrene	9.493	104	382520	53.089	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	206889	56.464	ug/L	100
59) Bromoform	9.664	173	97544	54.054	ug/L	99
60) Isopropylbenzene	9.866	105	610540	53.038	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	172816	55.623	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	511396	52.665	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	512752	53.390	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	278855	52.393	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	283461	52.445	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	282818	53.029	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	49264	53.229	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	197766	49.531	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	184009	51.217	ug/L	99
71) Naphthalene	13.438	128	507144	52.770	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	186765	53.287	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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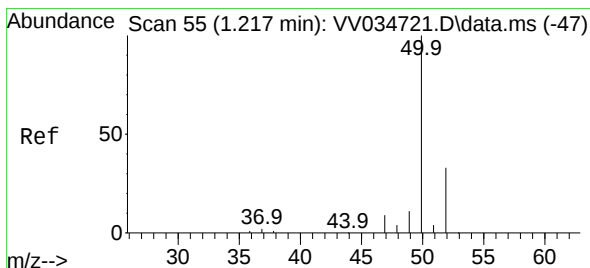
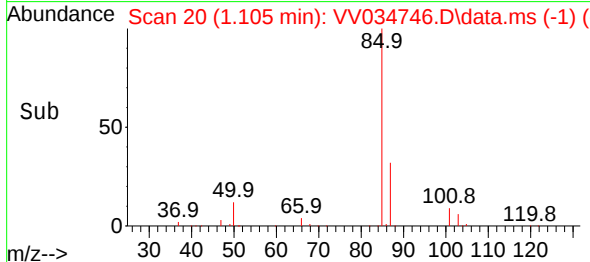
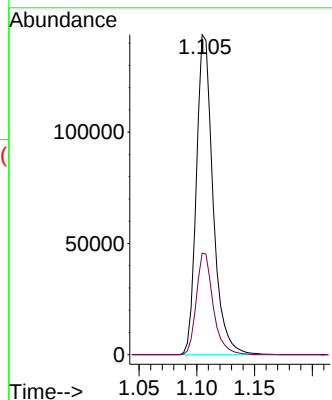
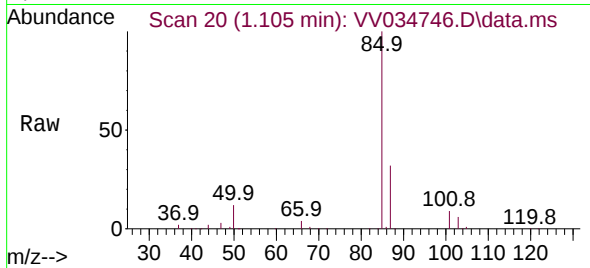




#2
 Dichlorodifluoromethane
 Concen: 41.882 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV034746.D
 Acq: 19 Mar 2024 19:33

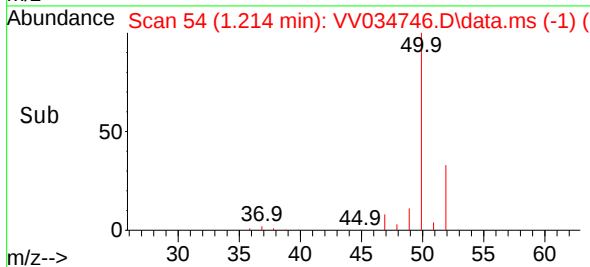
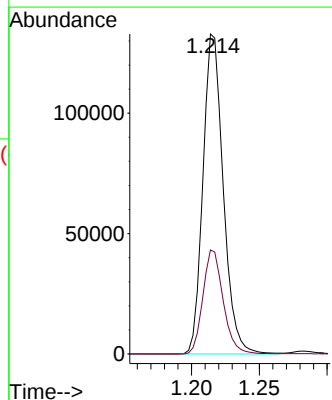
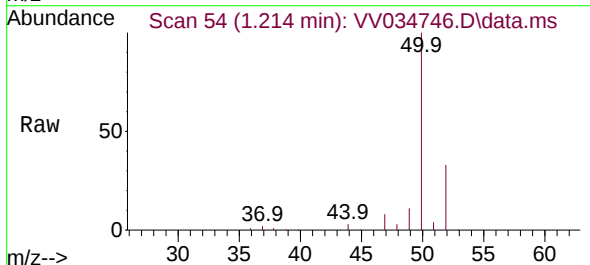
Instrument :
 MSVOA_V
 ClientSampleId :

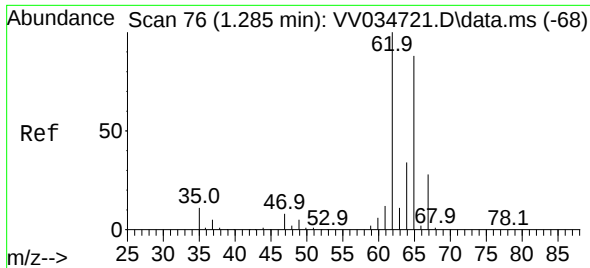
Tgt Ion: 85 Resp: 144074
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.5 38.3



#3
 Chloromethane
 Concen: 40.946 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV034746.D
 Acq: 19 Mar 2024 19:33

Tgt Ion: 50 Resp: 138408
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8

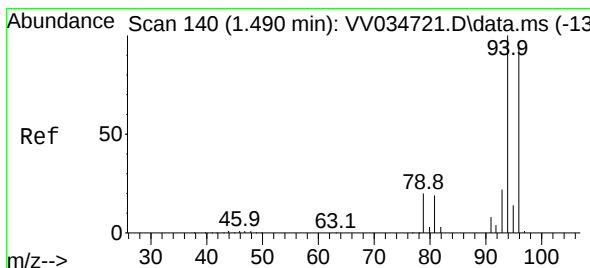
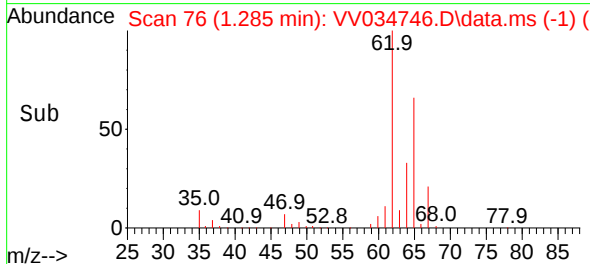
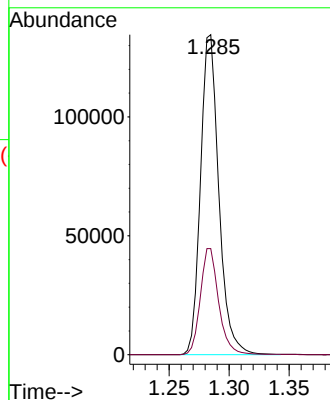
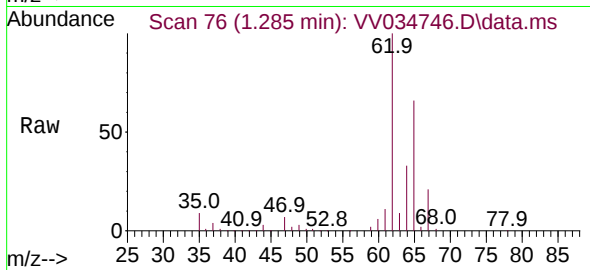




#5
 Vinyl chloride
 Concen: 43.689 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034746.D
 Acq: 19 Mar 2024 19:33

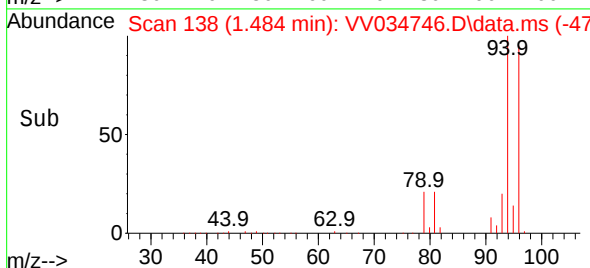
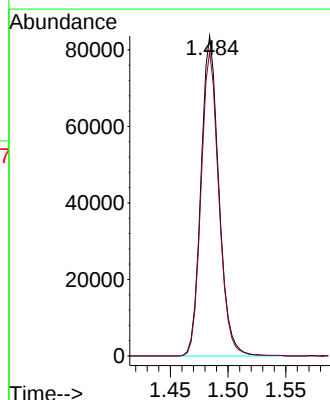
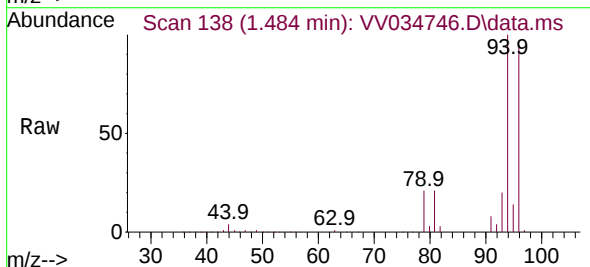
Instrument :
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 ClientSampleId :

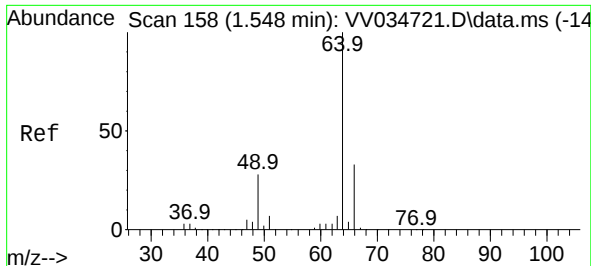
Tgt Ion: 62 Resp: 143353
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 45.644 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.006 min
 Lab File: VV034746.D
 Acq: 19 Mar 2024 19:33

Tgt Ion: 94 Resp: 89859
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.0 122.6

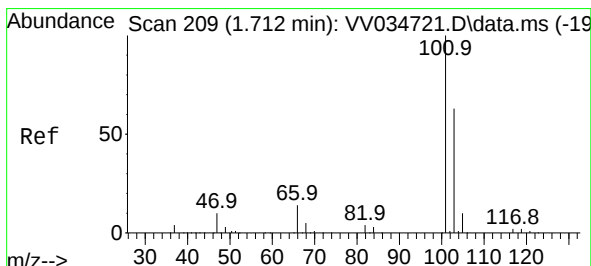
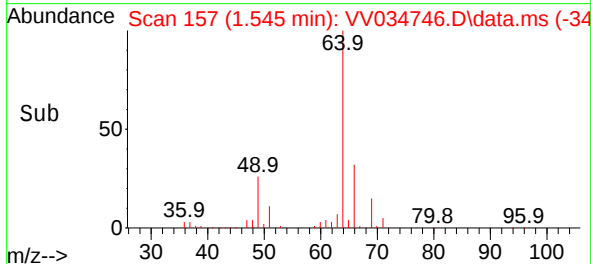
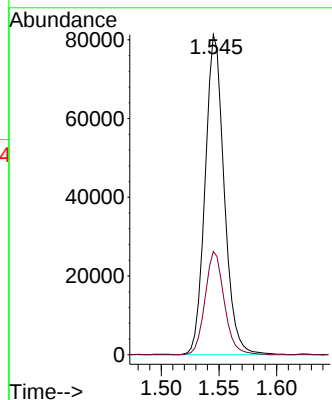
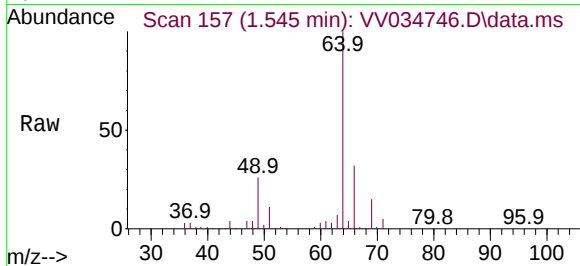




#8
Chloroethane
Concen: 47.956 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

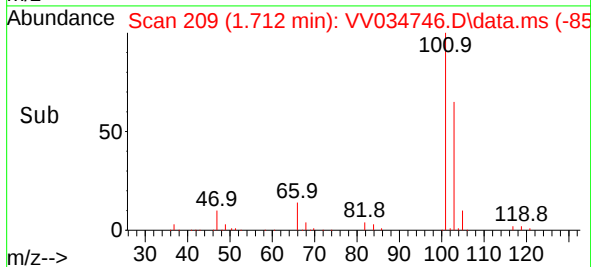
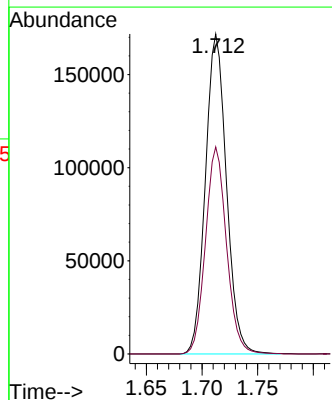
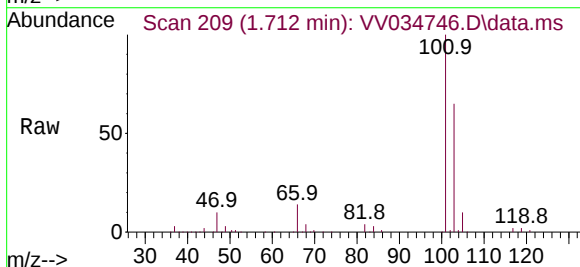
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ClientSampleId :

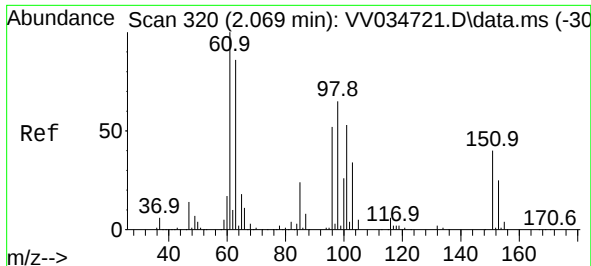
Tgt Ion: 64 Resp: 93526
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 45.920 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion:101 Resp: 225636
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8





#10

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

Concen: 47.252 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

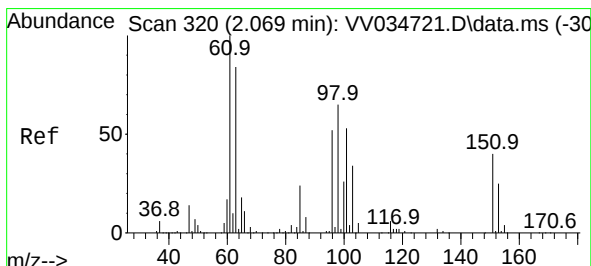
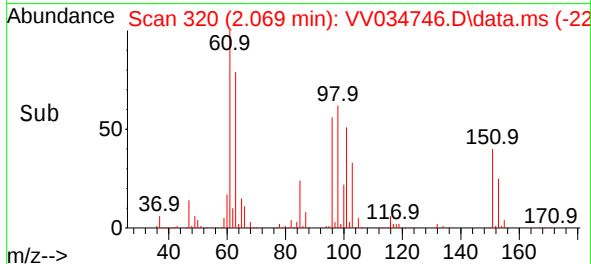
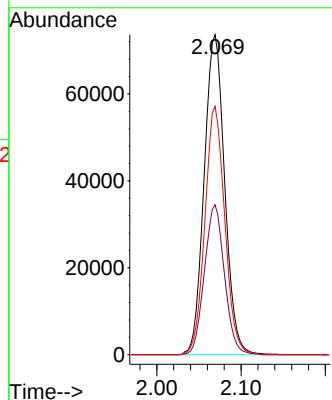
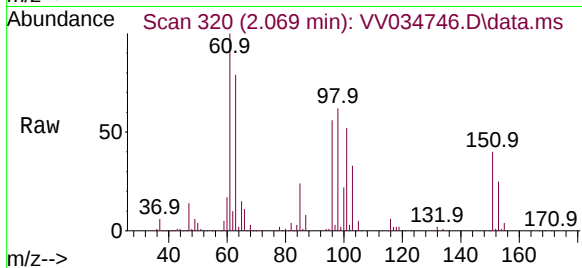
Tgt Ion:101 Resp: 125137

Ion Ratio Lower Upper

101 100

85 45.6 37.4 56.0

151 75.1 61.4 92.2



#12

1,1-Dichloroethene

Concen: 46.836 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

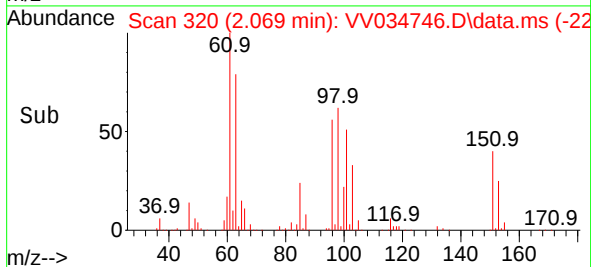
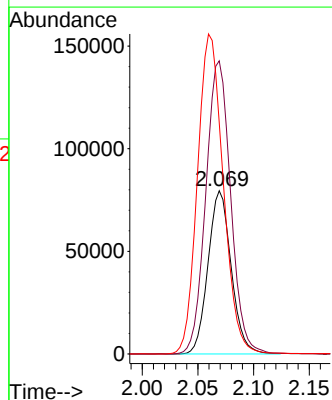
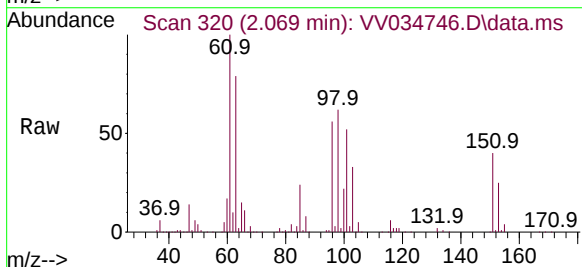
Tgt Ion: 96 Resp: 115018

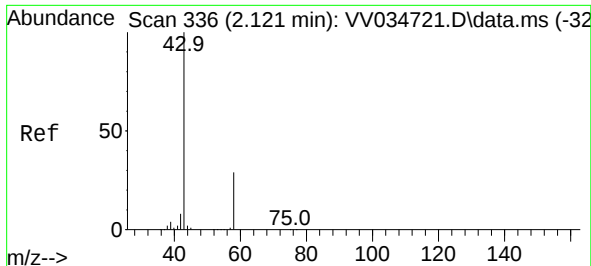
Ion Ratio Lower Upper

96 100

61 179.6 128.9 239.3

63 141.6 98.0 182.0





#13

Acetone

Concen: 83.855 ug/L

RT: 2.114 min Scan# 336

Delta R.T. -0.006 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

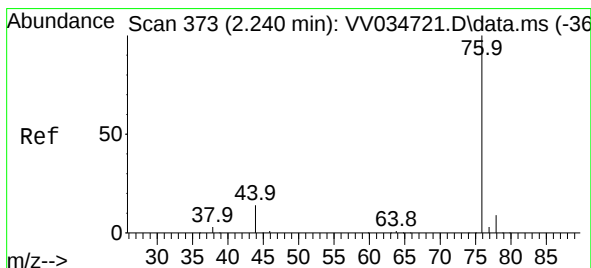
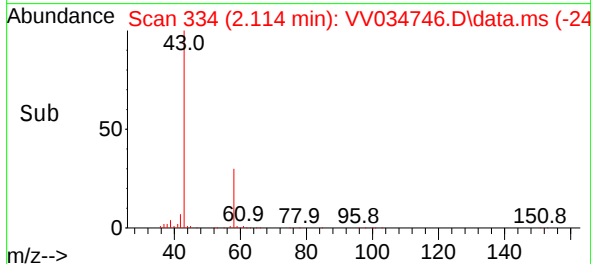
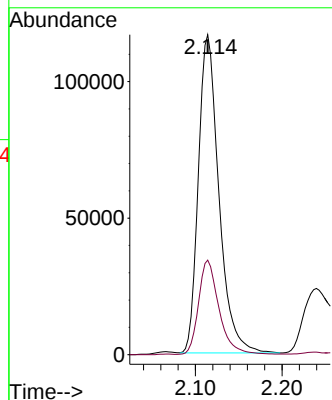
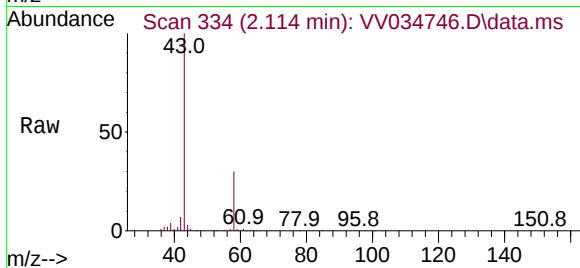
ClientSampleId :

Tgt Ion: 43 Resp: 191662

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.2



#14

Carbon disulfide

Concen: 40.999 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034746.D

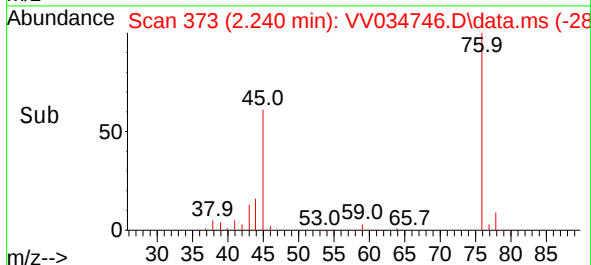
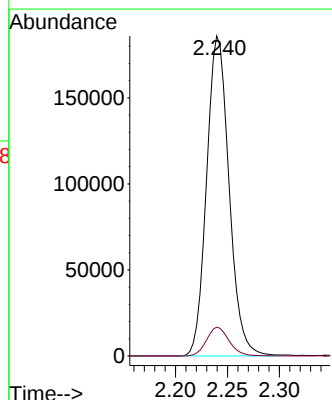
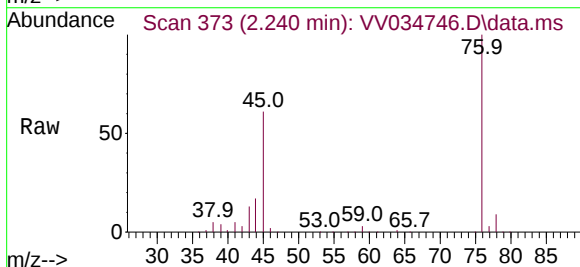
Acq: 19 Mar 2024 19:33

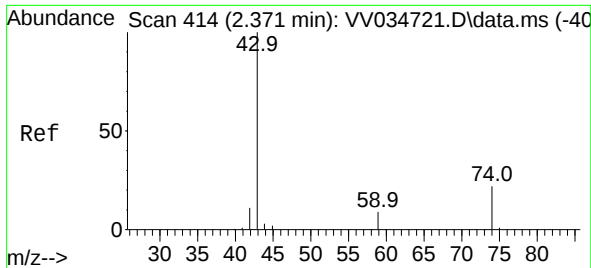
Tgt Ion: 76 Resp: 279427

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

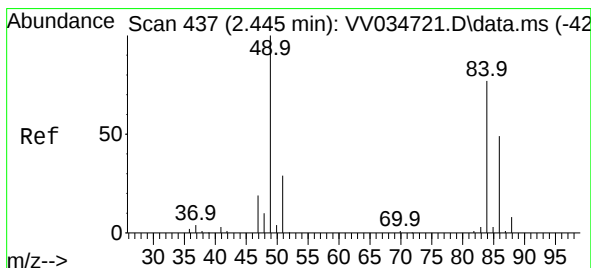
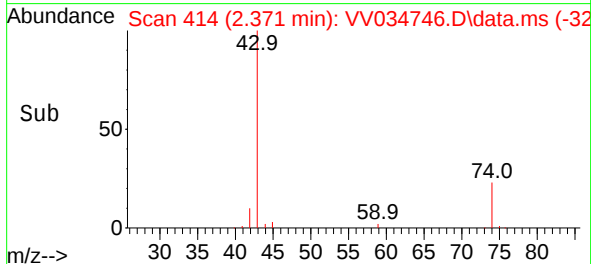
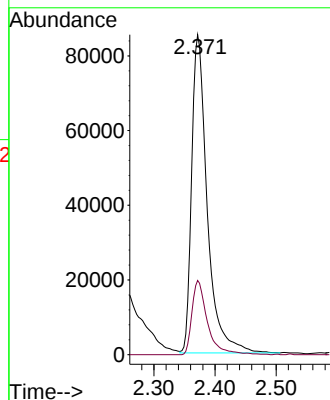
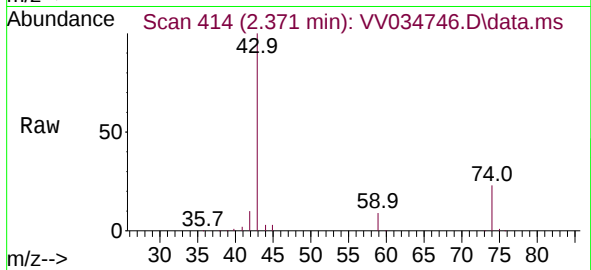




#15
Methyl Acetate
Concen: 51.521 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

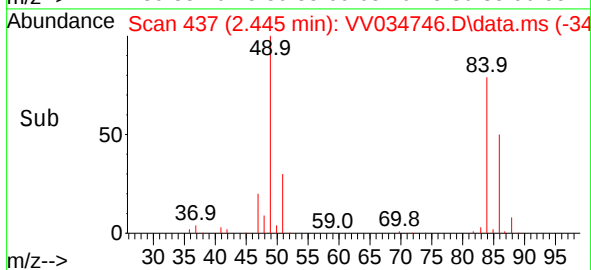
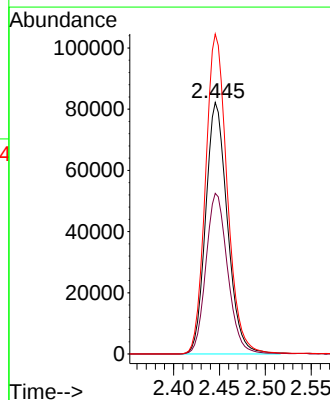
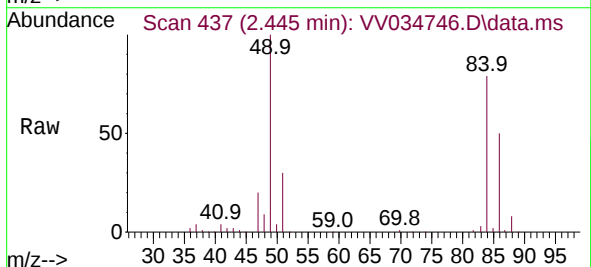
Instrument :
MSVOA_V
ClientSampleId :

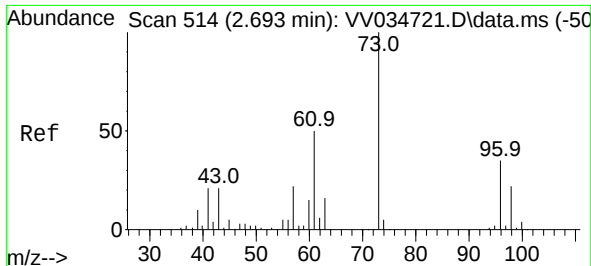
Tgt Ion: 43 Resp: 150650
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8



#16
Methylene chloride
Concen: 51.976 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion: 84 Resp: 135391
Ion Ratio Lower Upper
84 100
86 63.9 45.6 84.6
49 127.3 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 48.471 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

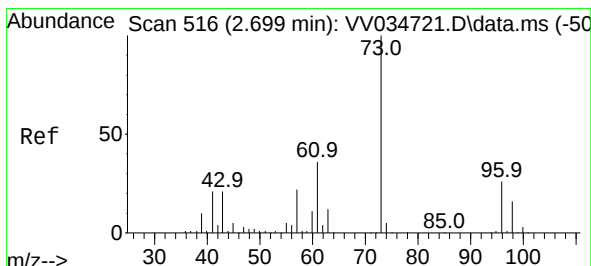
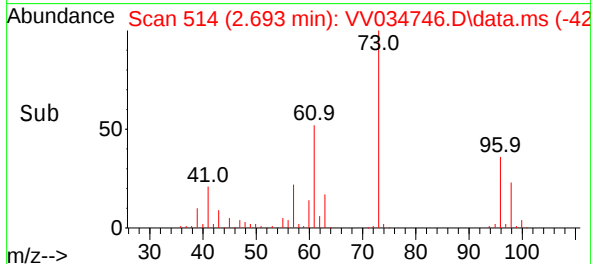
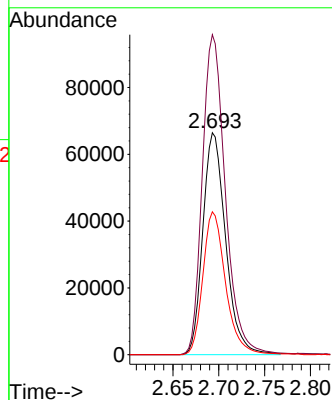
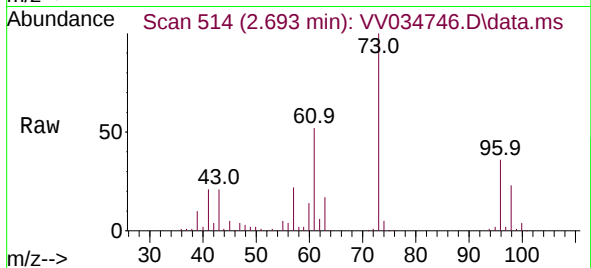
Tgt Ion: 96 Resp: 115210

Ion Ratio Lower Upper

96 100

61 144.2 98.8 183.4

98 64.3 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 55.176 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

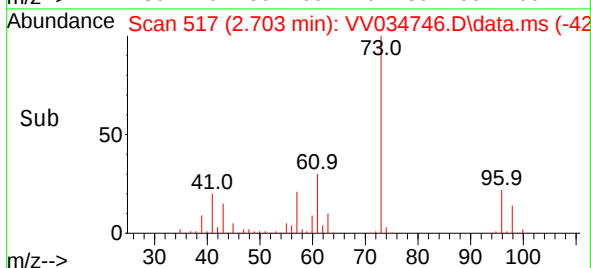
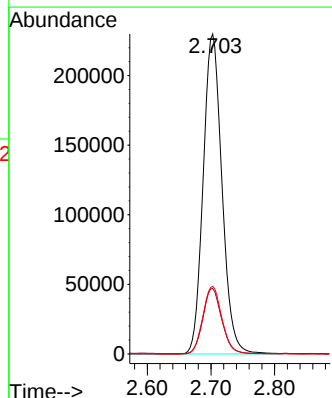
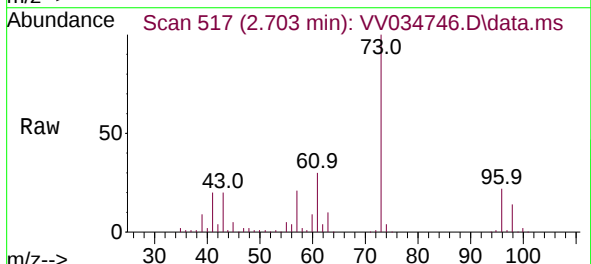
Tgt Ion: 73 Resp: 470970

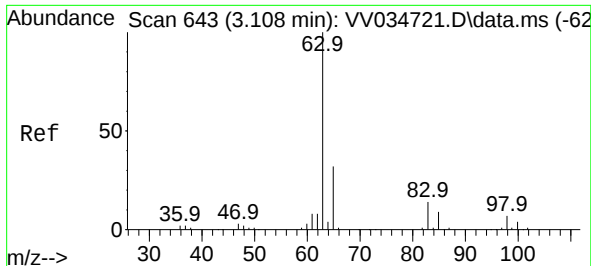
Ion Ratio Lower Upper

73 100

43 20.2 17.1 25.7

57 21.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 55.015 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

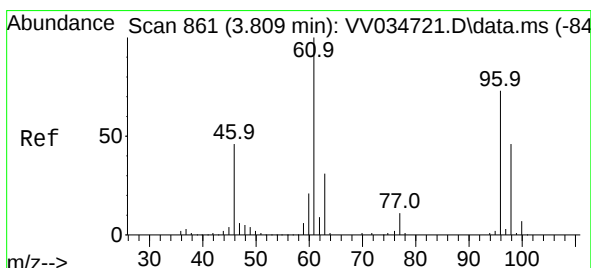
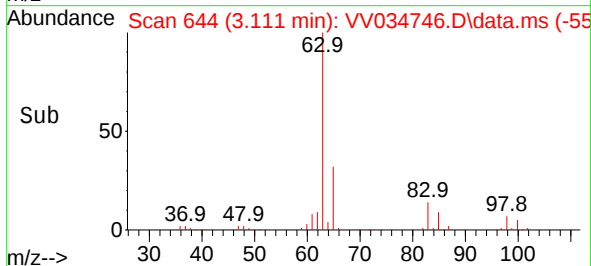
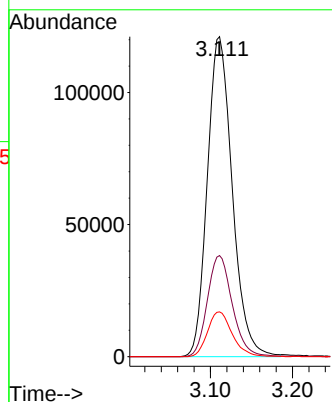
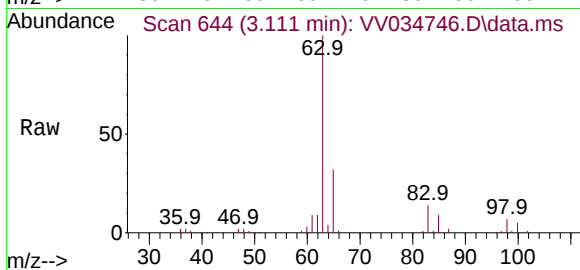
Tgt Ion: 63 Resp: 256158

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 14.0 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.726 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.006 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

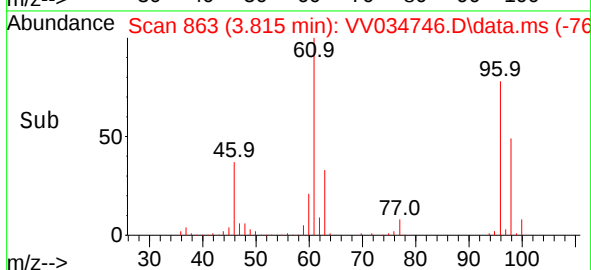
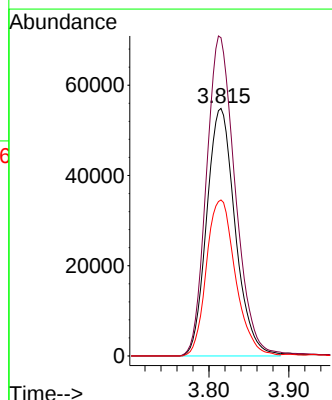
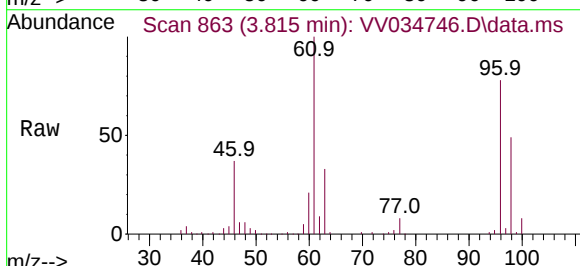
Tgt Ion: 96 Resp: 135977

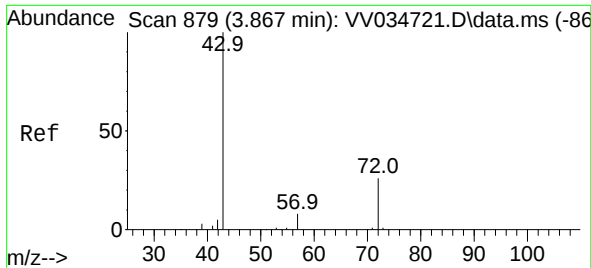
Ion Ratio Lower Upper

96 100

61 128.5 96.0 178.4

98 63.0 46.0 85.4

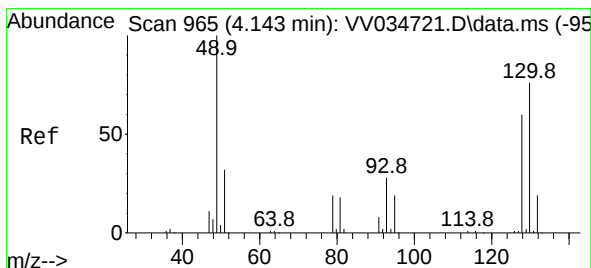
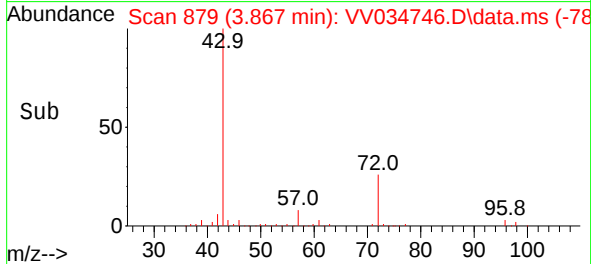
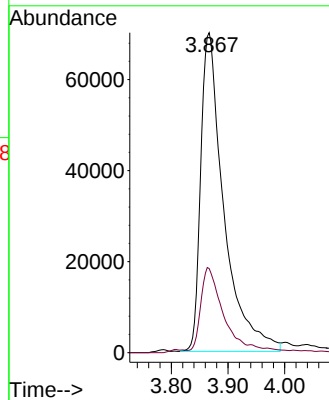
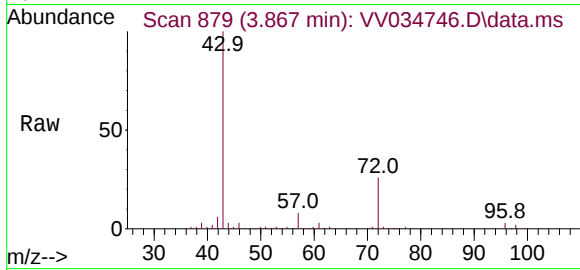




#22
2-Butanone
Concen: 88.066 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

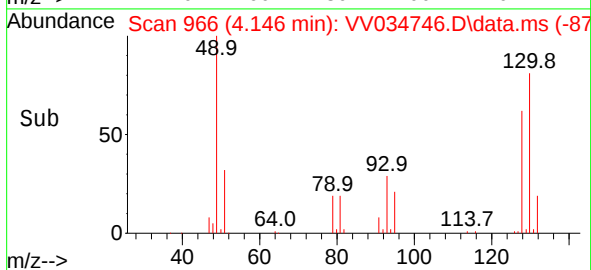
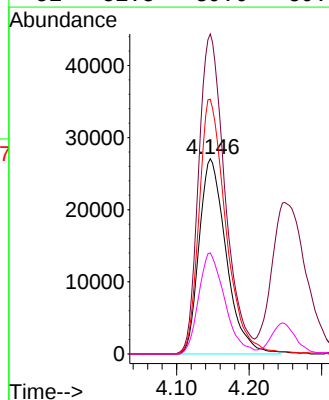
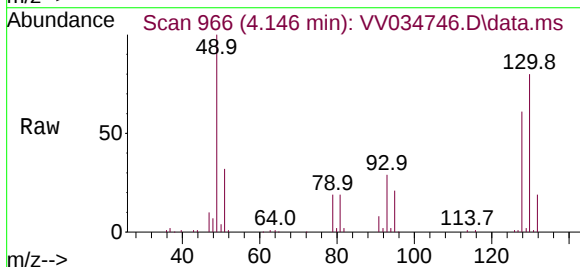
Instrument :
MSVOA_V
ClientSampleId :

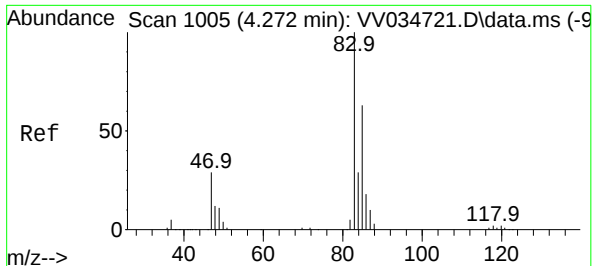
Tgt Ion: 43 Resp: 198765
Ion Ratio Lower Upper
43 100
72 23.4 11.5 34.4



#23
Bromochloromethane
Concen: 52.554 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion: 128 Resp: 70084
Ion Ratio Lower Upper
128 100
49 163.9 109.4 203.2
130 130.5 87.7 162.9
51 51.8 39.6 59.4





#25

Chloroform

Concen: 51.940 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

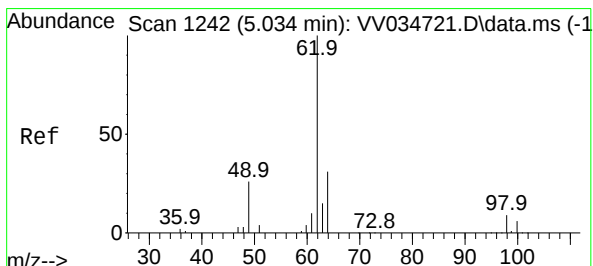
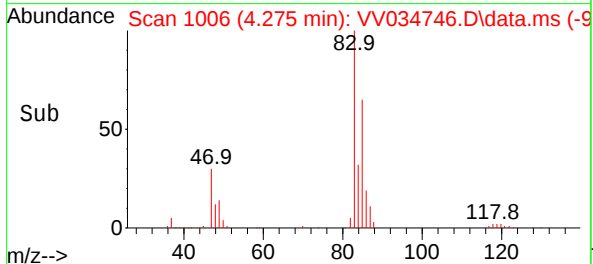
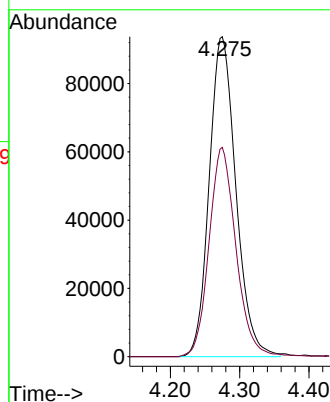
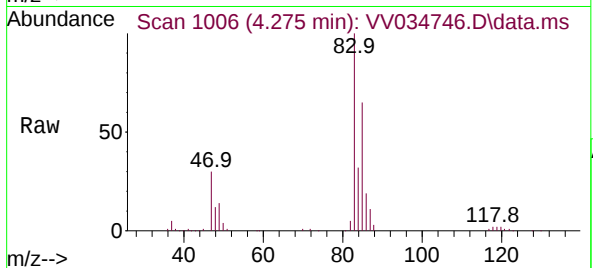
ClientSampleId :

Tgt Ion: 83 Resp: 250668

Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 52.556 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VV034746.D

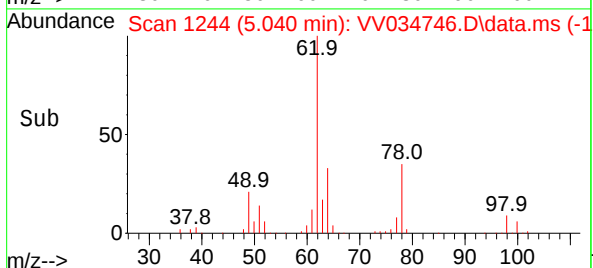
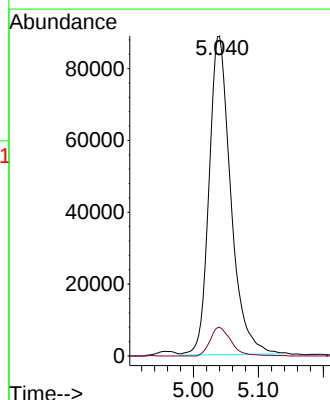
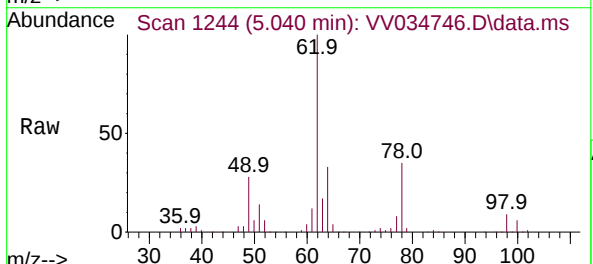
Acq: 19 Mar 2024 19:33

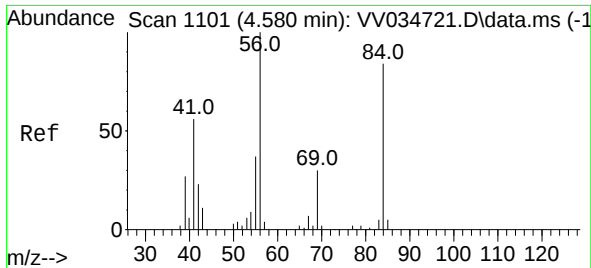
Tgt Ion: 62 Resp: 206075

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0





#29

Cyclohexane

Concen: 45.240 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

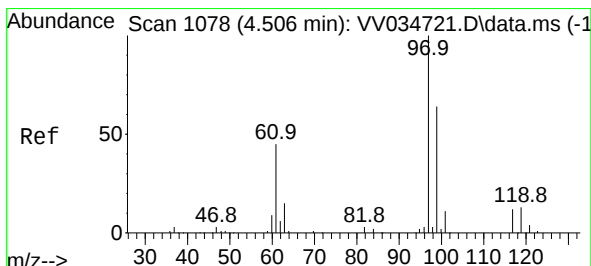
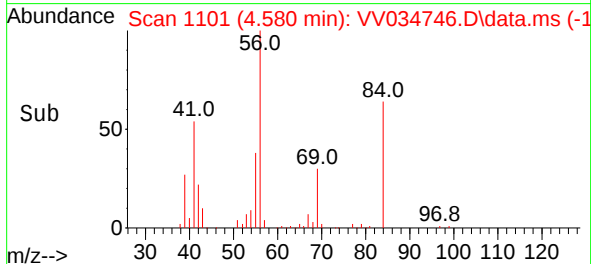
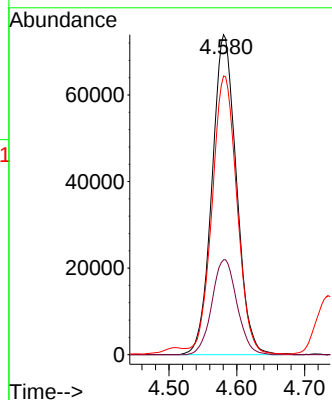
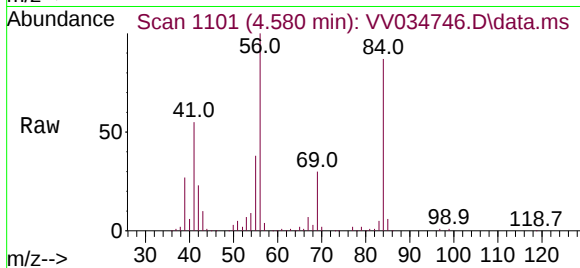
Tgt Ion: 56 Resp: 185136

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

84 88.1 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 50.202 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

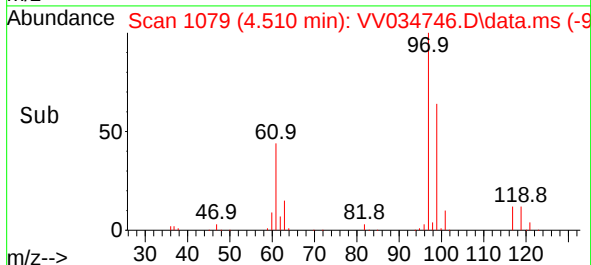
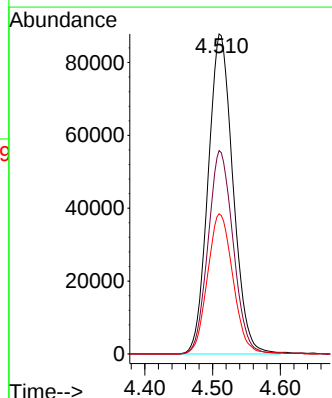
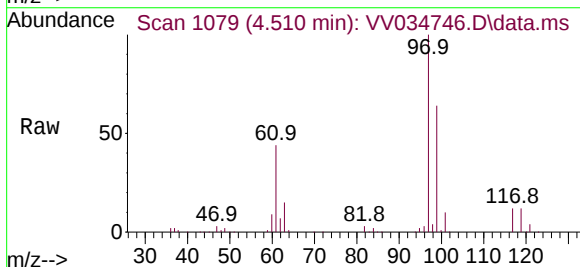
Tgt Ion: 97 Resp: 223973

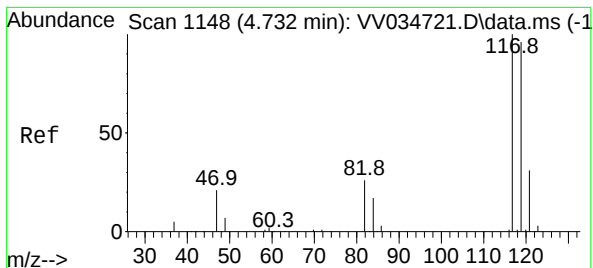
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 44.8 36.0 54.0





#31

Carbon tetrachloride

Concen: 48.922 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

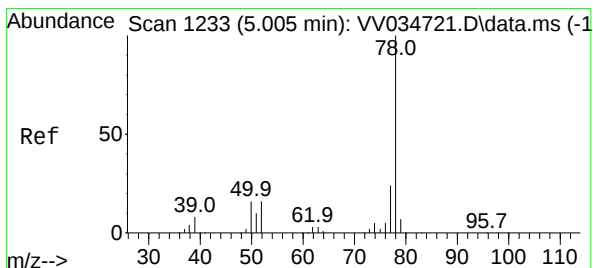
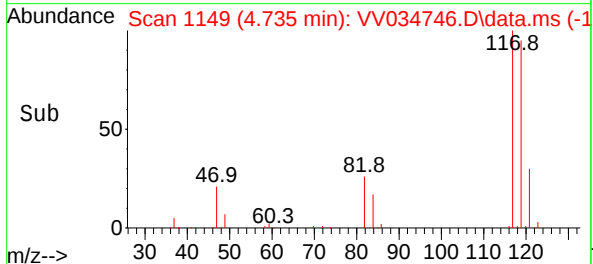
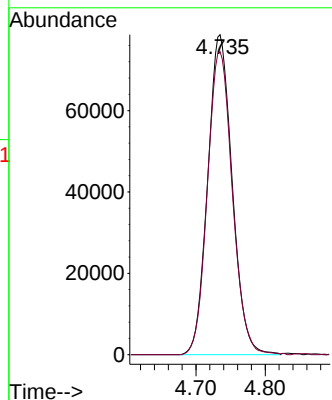
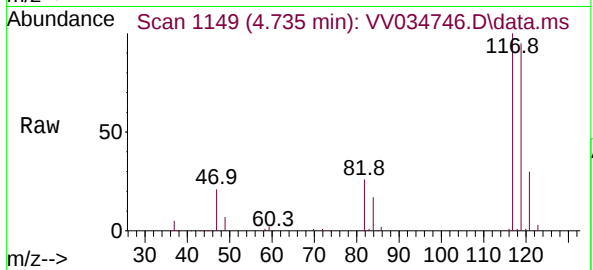
ClientSampleId :

Tgt Ion:117 Resp: 193241

Ion Ratio Lower Upper

117 100

119 96.3 77.5 116.3



#33

Benzene

Concen: 51.294 ug/L

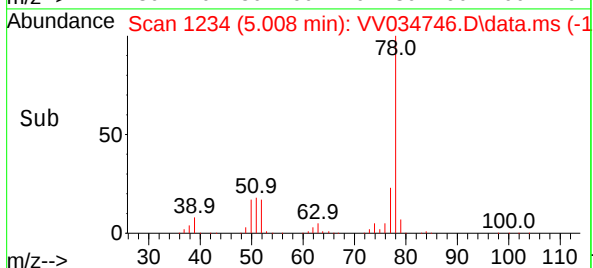
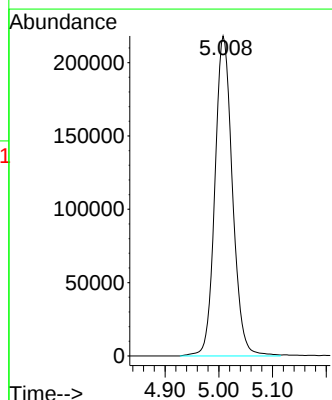
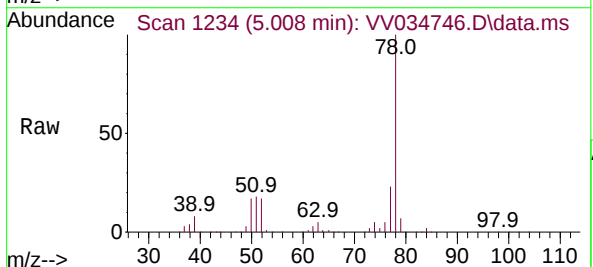
RT: 5.008 min Scan# 1234

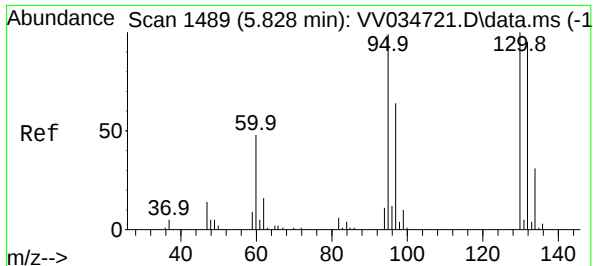
Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Tgt Ion: 78 Resp: 495356





#34

Trichloroethene

Concen: 47.877 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 131429

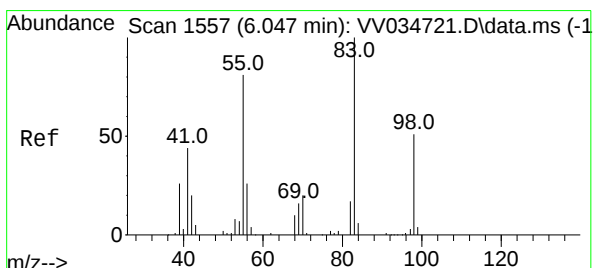
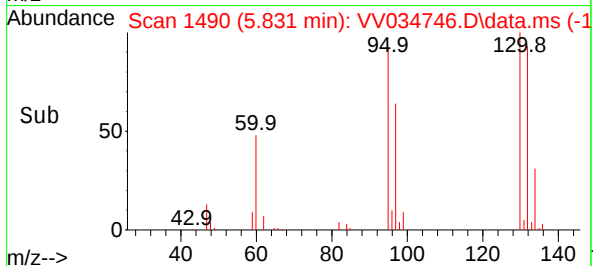
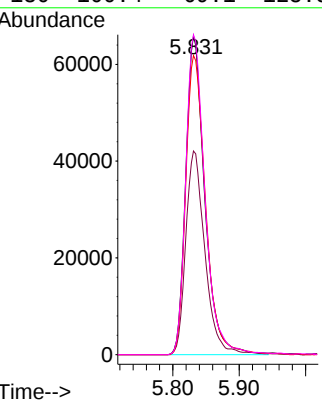
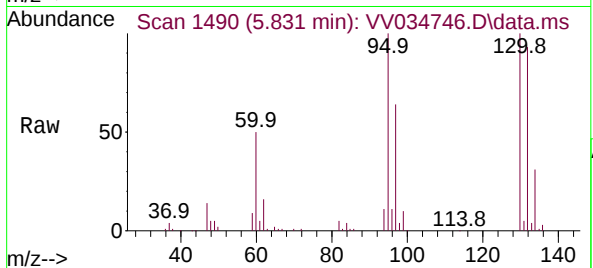
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 93.9 65.3 121.3

130 100.4 69.1 128.3



#35

Methylcyclohexane

Concen: 45.056 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

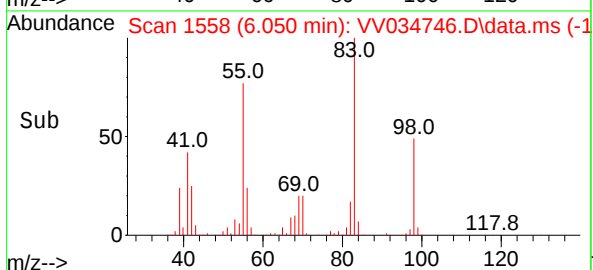
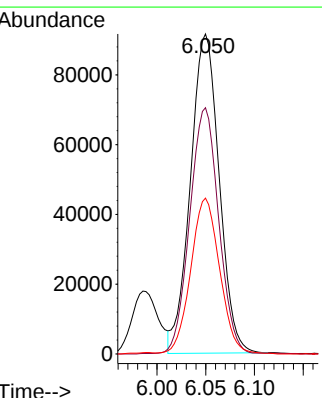
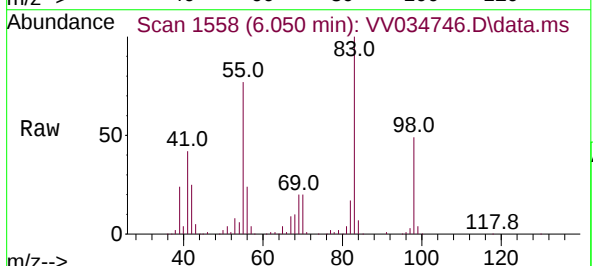
Tgt Ion: 83 Resp: 188032

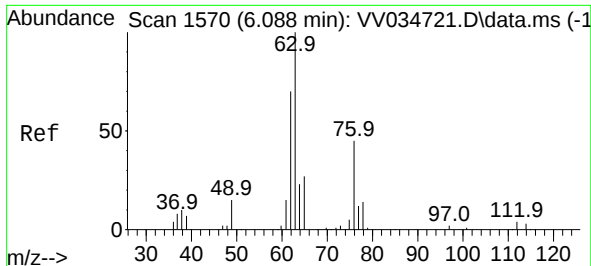
Ion Ratio Lower Upper

83 100

55 77.8 62.6 94.0

98 49.1 39.5 59.3

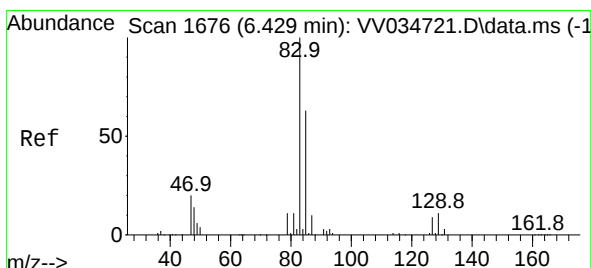
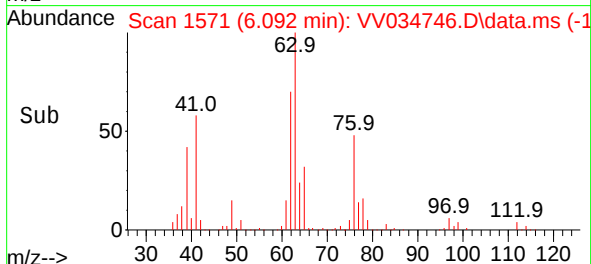
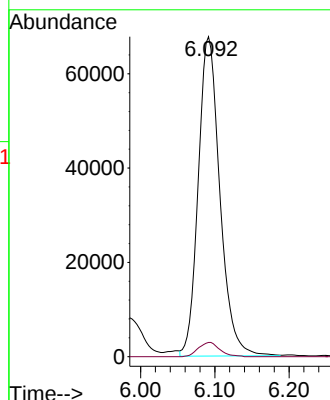
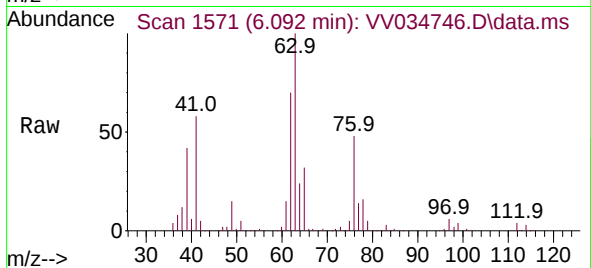




#37
1,2-Dichloropropane
Concen: 54.333 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

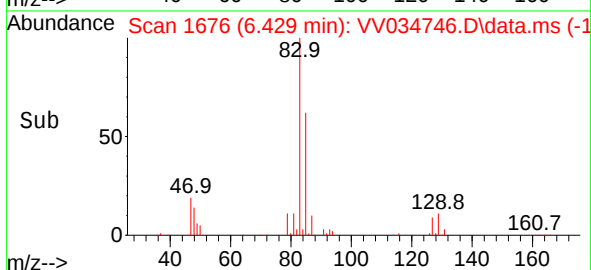
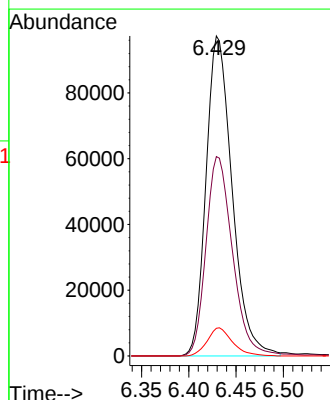
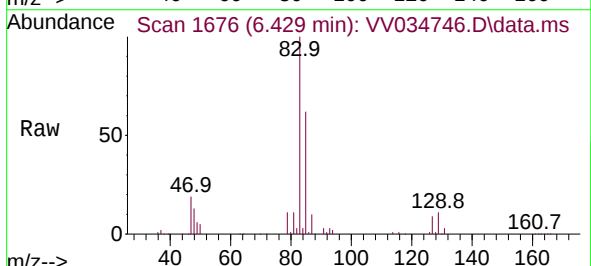
Instrument :
MSVOA_V
ClientSampleId :

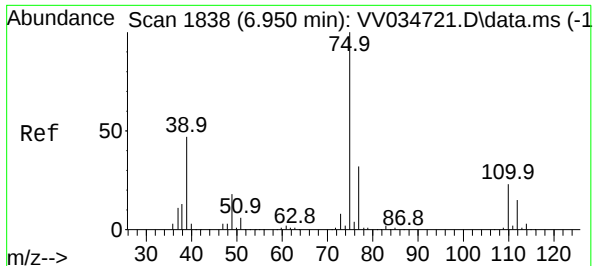
Tgt Ion: 63 Resp: 137374
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 52.533 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion: 83 Resp: 186829
Ion Ratio Lower Upper
83 100
85 62.3 44.6 82.8
127 8.7 6.9 10.3

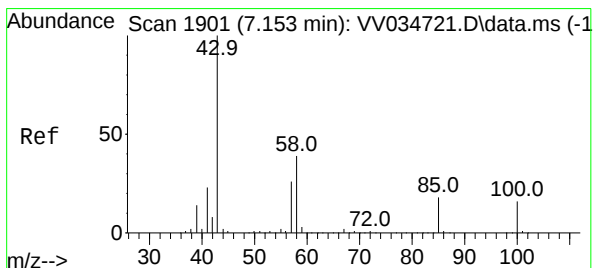
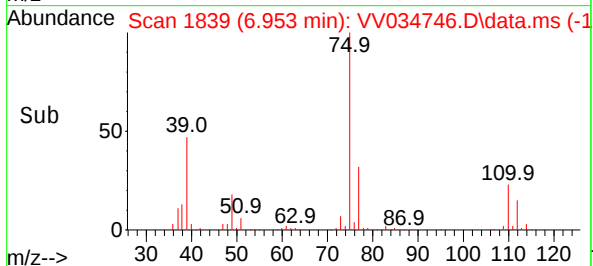
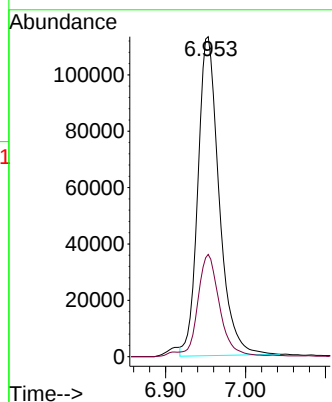
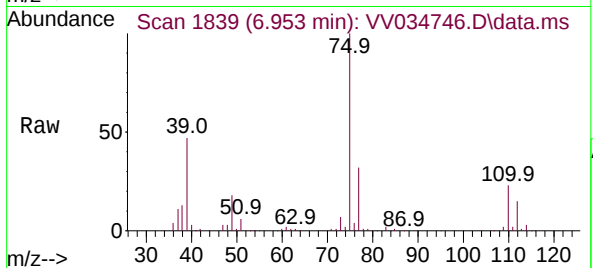




#39
 cis-1,3-Dichloropropene
 Concen: 51.009 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV034746.D
 Acq: 19 Mar 2024 19:33

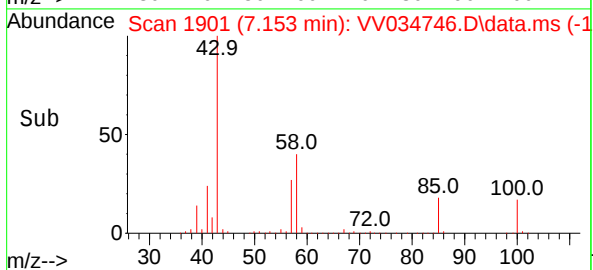
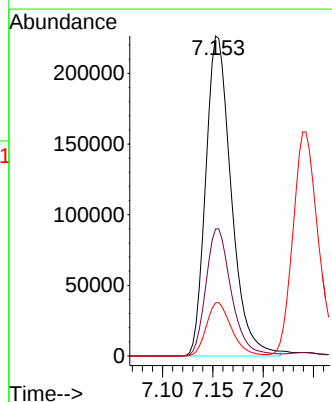
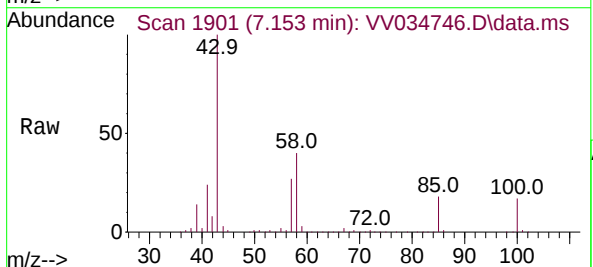
Instrument :
 MSVOA_V
 ClientSampleId :

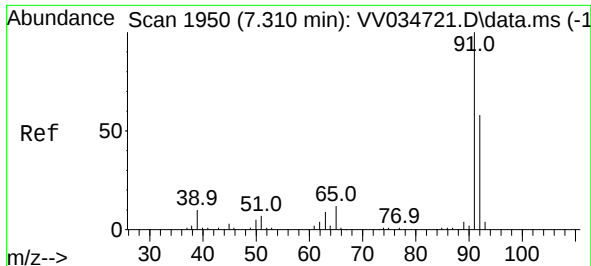
Tgt Ion: 75 Resp: 208956
 Ion Ratio Lower Upper
 75 100
 77 32.0 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 107.285 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV034746.D
 Acq: 19 Mar 2024 19:33

Tgt Ion: 43 Resp: 399983
 Ion Ratio Lower Upper
 43 100
 58 39.7 30.6 46.0
 100 16.4 12.5 18.7





#42

Toluene

Concen: 50.495 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

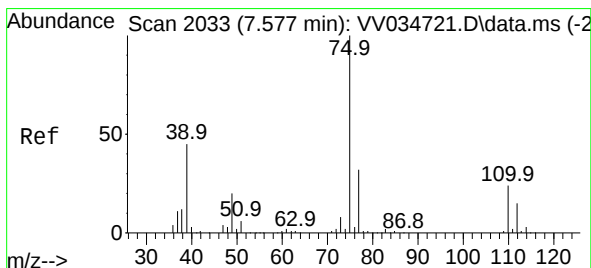
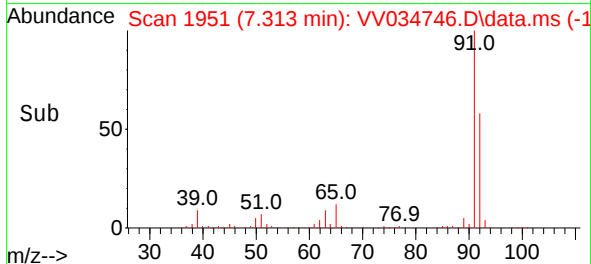
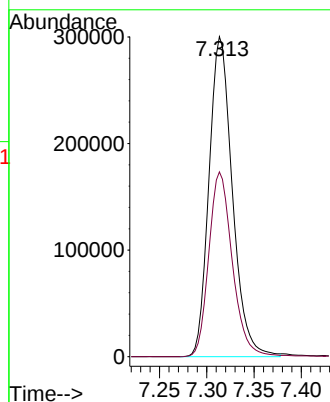
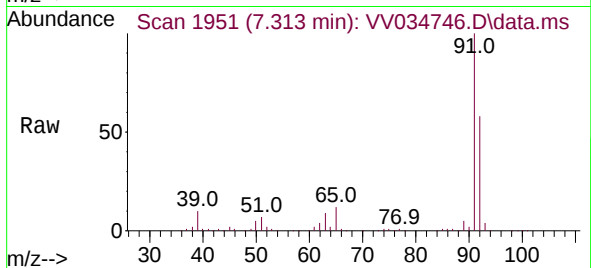
ClientSampleId :

Tgt Ion: 91 Resp: 516101

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 53.136 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034746.D

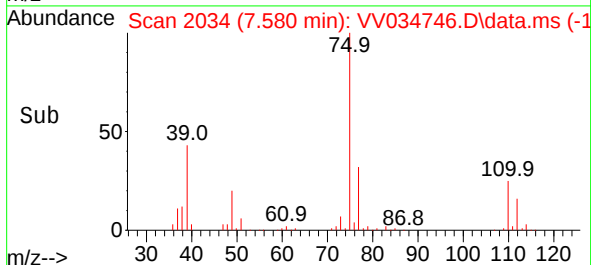
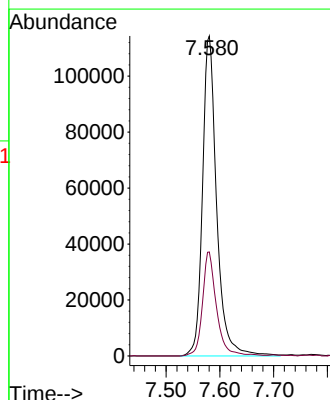
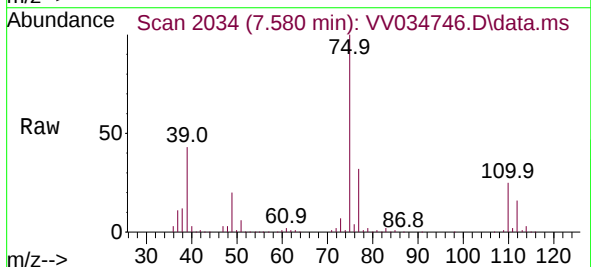
Acq: 19 Mar 2024 19:33

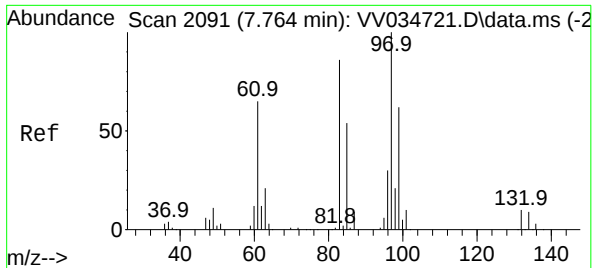
Tgt Ion: 75 Resp: 209348

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4

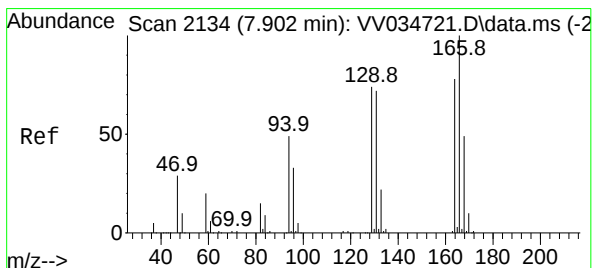
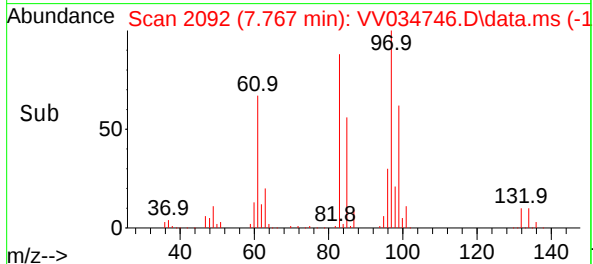
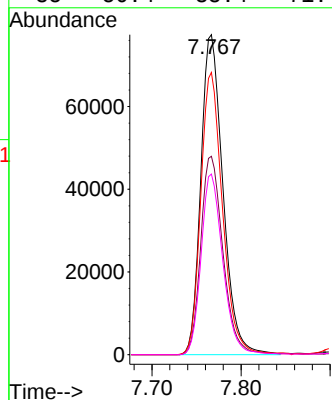
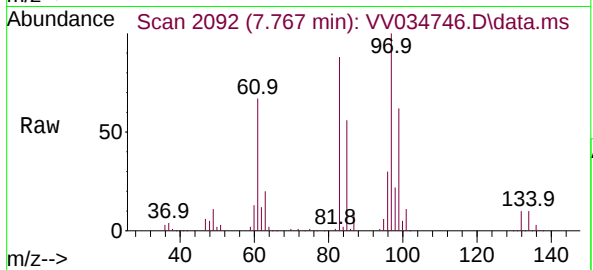




#45
1,1,2-Trichloroethane
Concen: 54.739 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

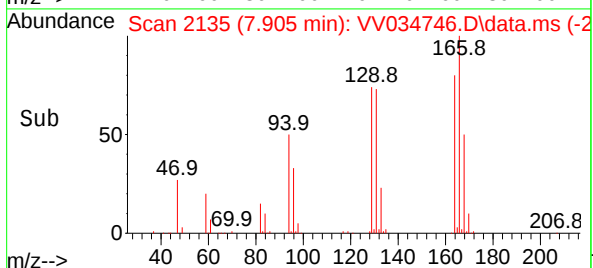
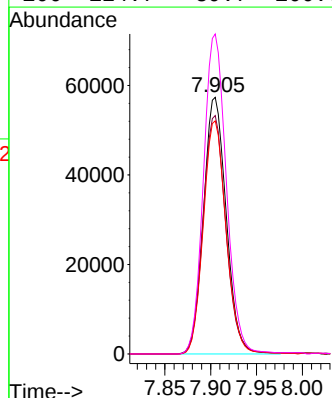
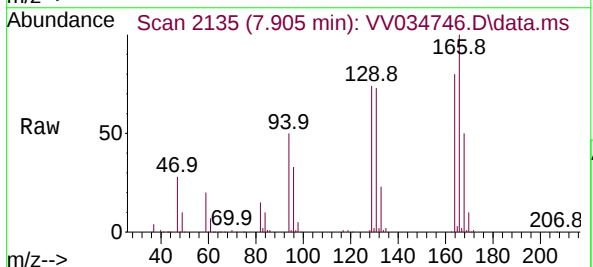
Instrument :
MSVOA_V
ClientSampleId :

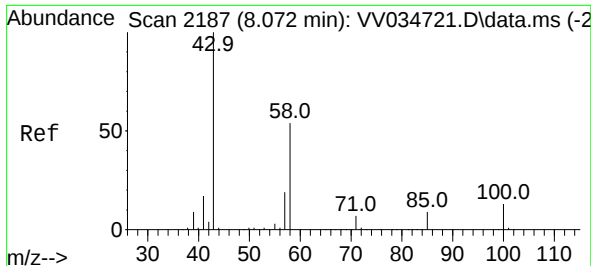
Tgt Ion:	97	Resp:	133536
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.8	81.4
83	88.2	59.4	110.2
85	56.4	38.4	71.4



#46
Tetrachloroethene
Concen: 48.350 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion:	164	Resp:	98708
Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.7	121.9
131	90.8	62.2	115.6
166	124.7	89.7	166.7





#48

2-Hexanone

Concen: 106.516 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 316439

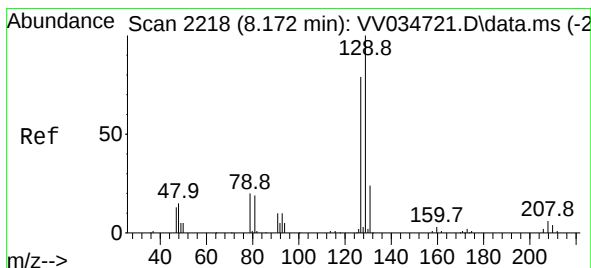
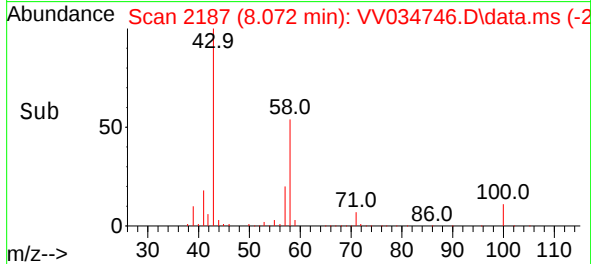
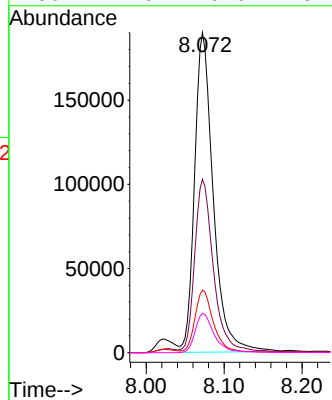
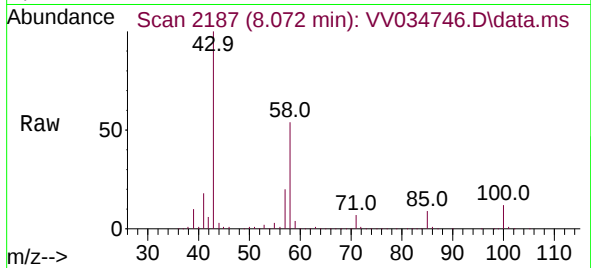
Ion Ratio Lower Upper

43 100

58 54.4 42.0 63.0

57 19.1 15.2 22.8

100 12.6 10.0 15.0



#49

Dibromochloromethane

Concen: 54.534 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VV034746.D

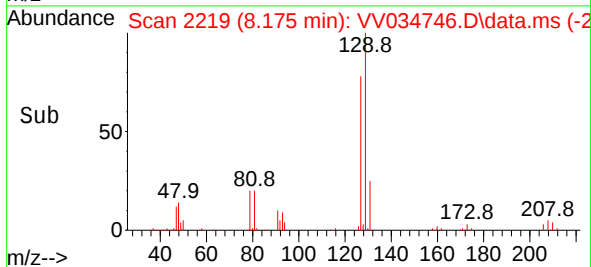
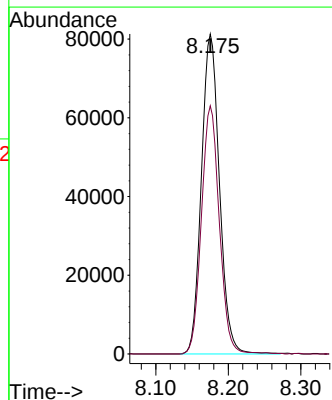
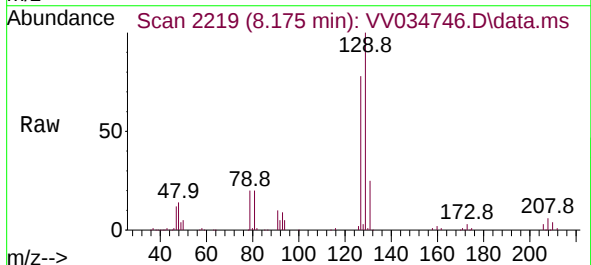
Acq: 19 Mar 2024 19:33

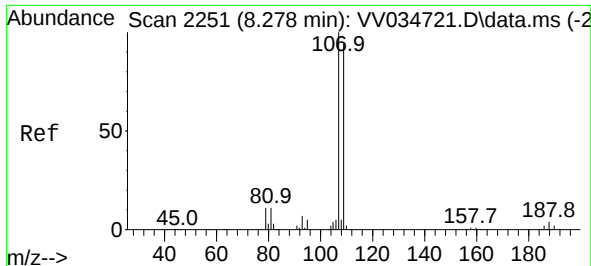
Tgt Ion:129 Resp: 140390

Ion Ratio Lower Upper

129 100

127 77.5 53.3 98.9

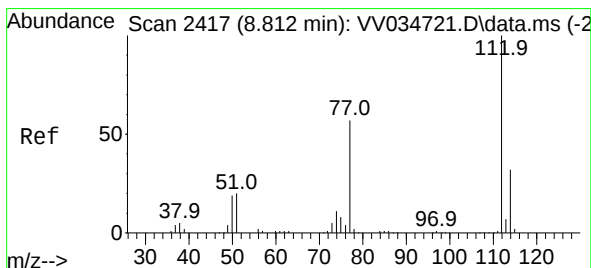
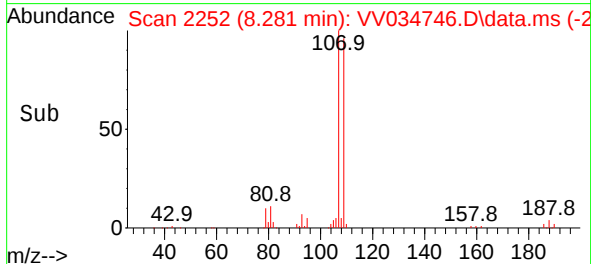
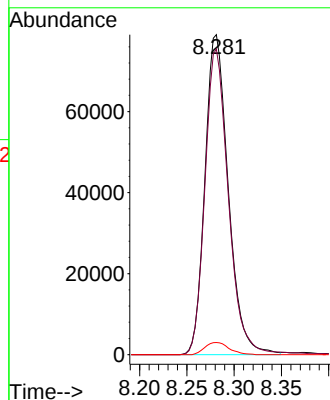
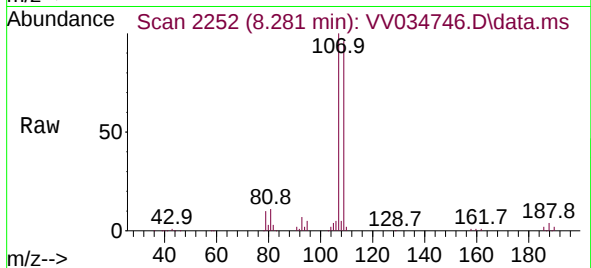




#50
1,2-Dibromoethane
Concen: 52.511 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

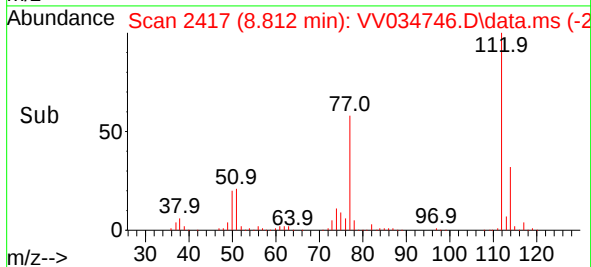
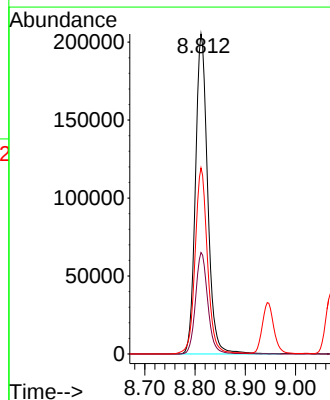
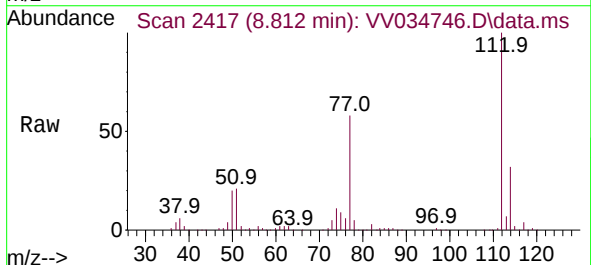
Instrument :
MSVOA_V
ClientSampleId :

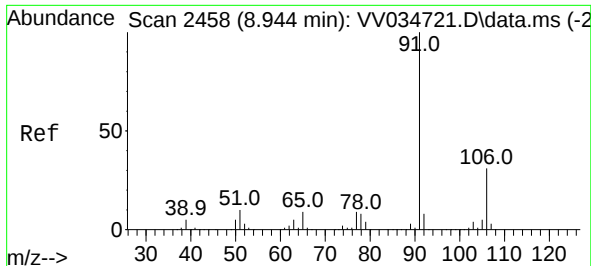
Tgt Ion:107 Resp: 135936
Ion Ratio Lower Upper
107 100
109 95.5 66.5 123.5
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 52.373 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion:112 Resp: 346056
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 58.2 47.7 71.5

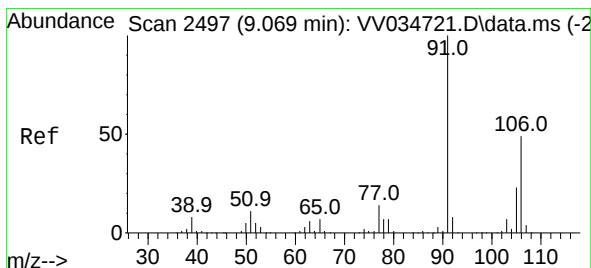
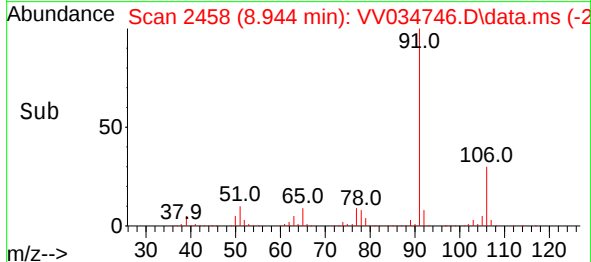
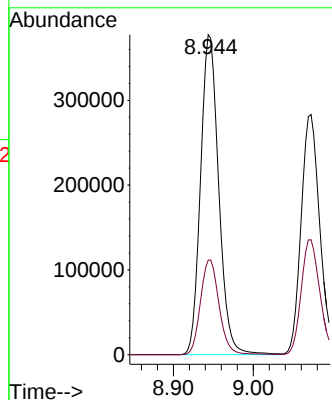
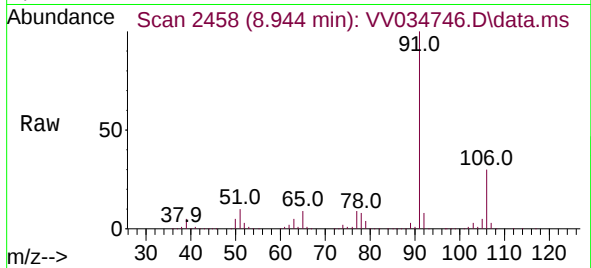




#52
Ethylbenzene
Concen: 52.172 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

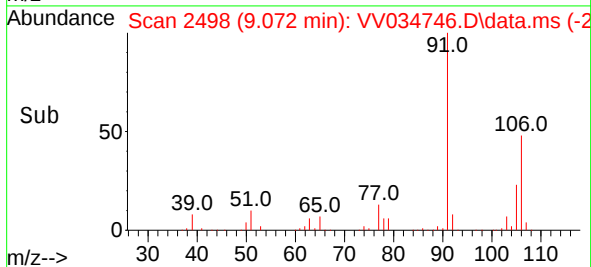
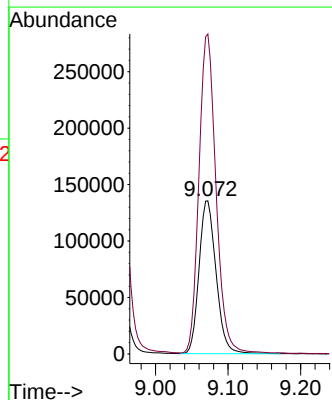
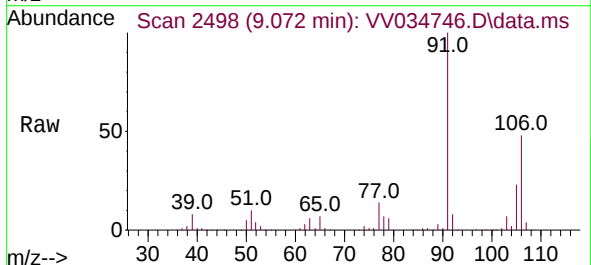
Instrument :
MSVOA_V
ClientSampleId :

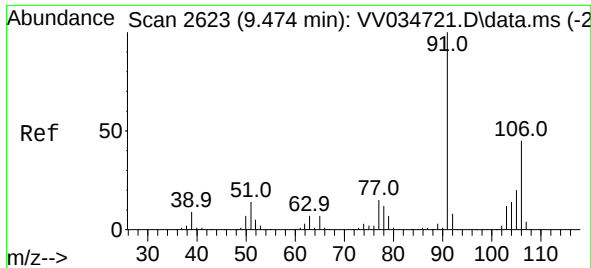
Tgt Ion: 91 Resp: 597486
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5



#53
m,p-Xylene
Concen: 50.897 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion:106 Resp: 221190
Ion Ratio Lower Upper
106 100
91 209.1 145.3 269.9

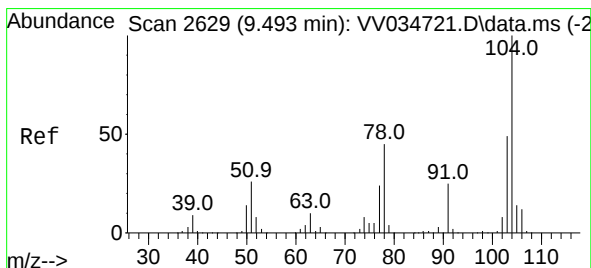
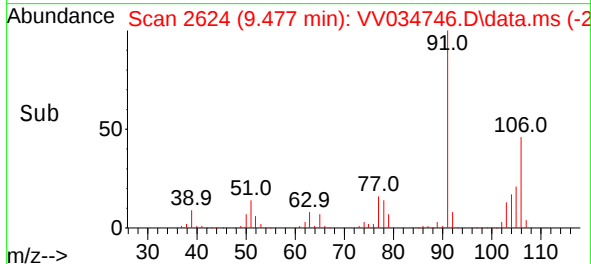
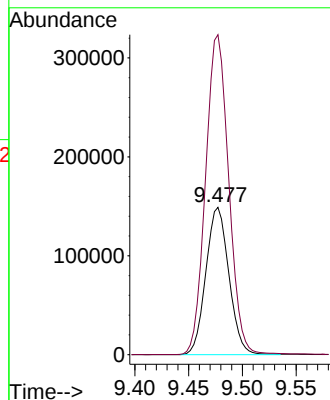
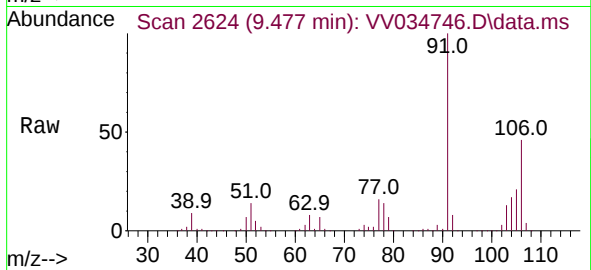




#54
o-Xylene
Concen: 52.209 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

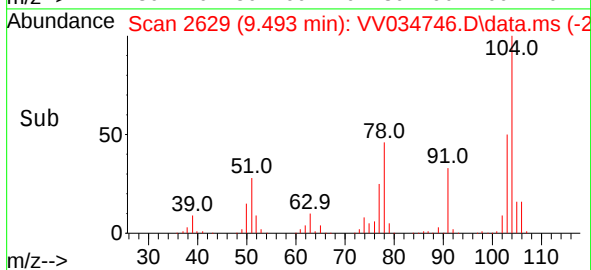
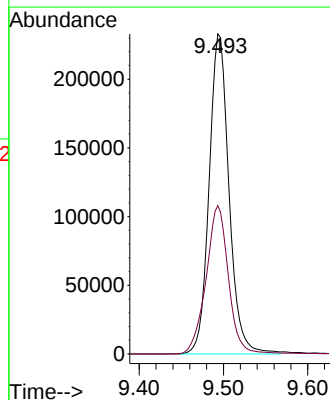
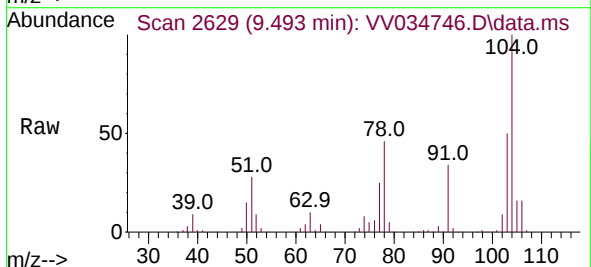
Instrument :
MSVOA_V
ClientSampleId :

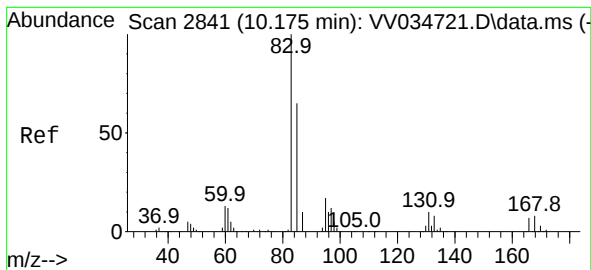
Tgt Ion:106 Resp: 222177
Ion Ratio Lower Upper
106 100
91 217.1 152.2 282.7



#55
Styrene
Concen: 53.089 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion:104 Resp: 382520
Ion Ratio Lower Upper
104 100
78 46.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 56.464 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

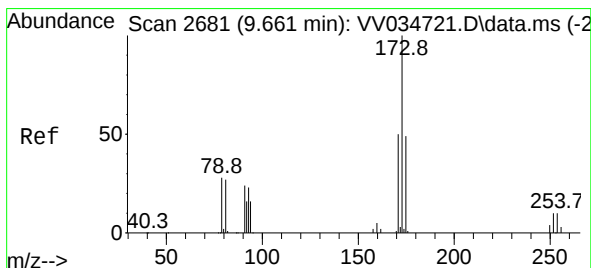
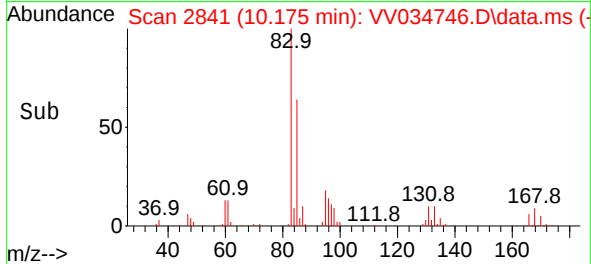
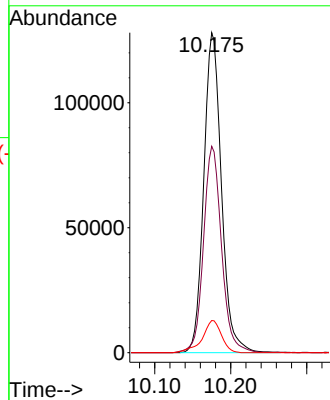
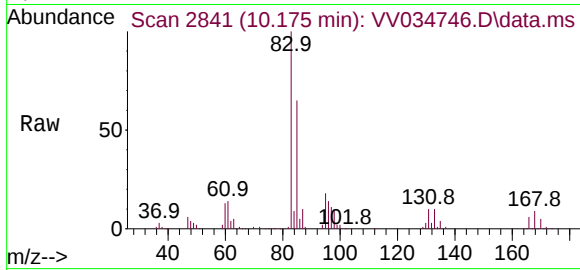
Tgt Ion: 83 Resp: 206889

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2

131 10.0 8.3 12.5



#59

Bromoform

Concen: 54.054 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

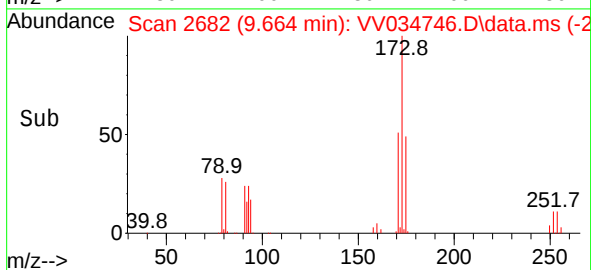
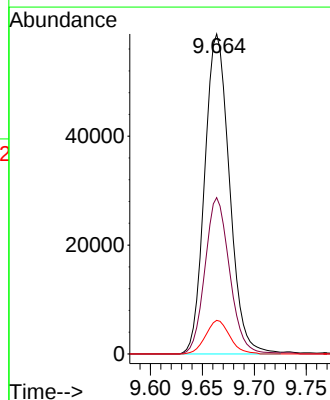
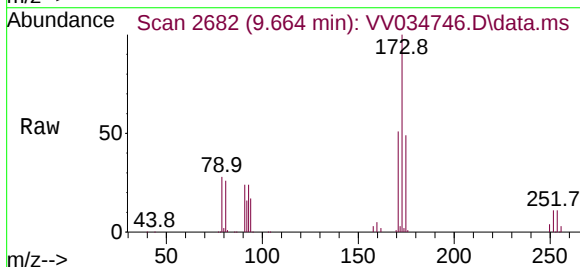
Tgt Ion: 173 Resp: 97544

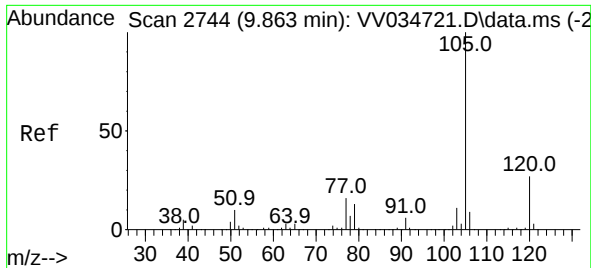
Ion Ratio Lower Upper

173 100

175 48.5 39.1 58.7

254 10.2 7.8 11.8

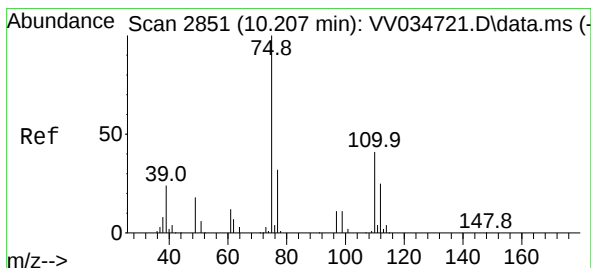
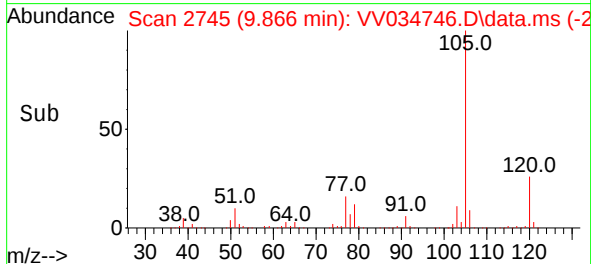
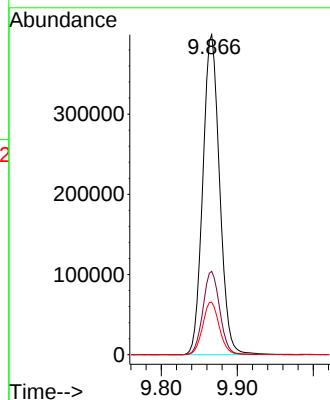
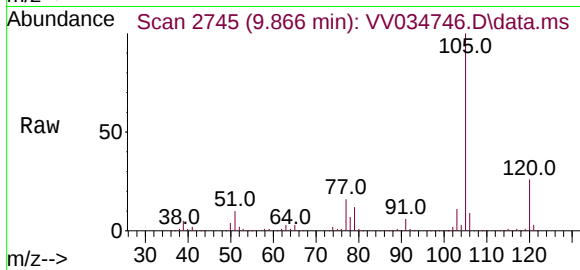




#60
Isopropylbenzene
Concen: 53.038 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

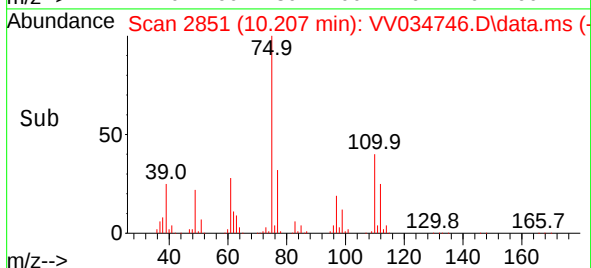
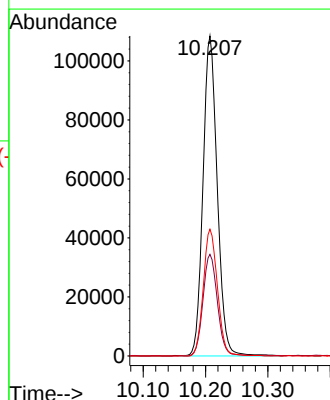
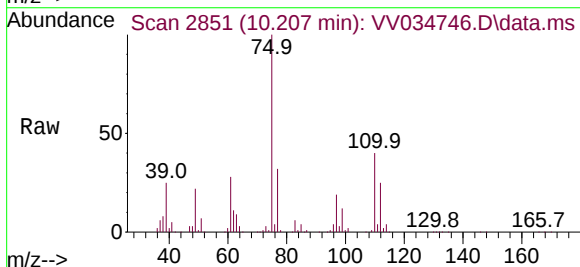
Instrument :
MSVOA_V
ClientSampleId :

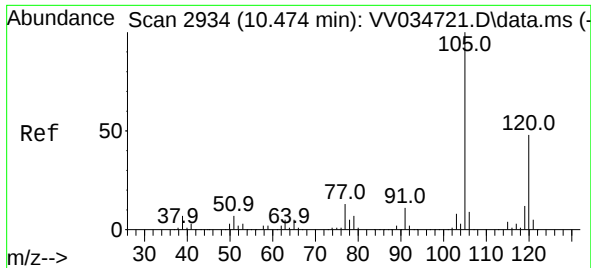
Tgt Ion:105 Resp: 610540
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 55.623 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion: 75 Resp: 172816
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
110 39.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 52.665 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

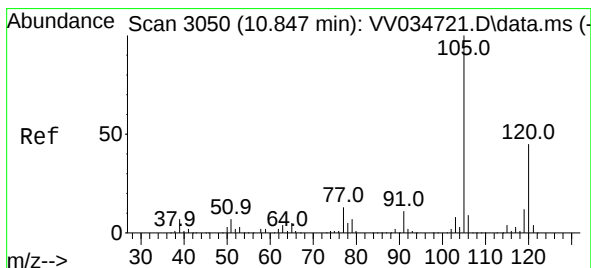
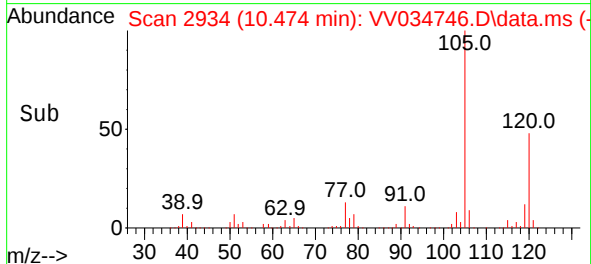
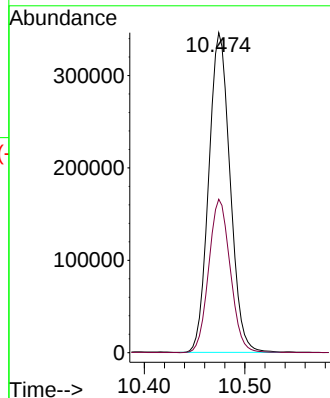
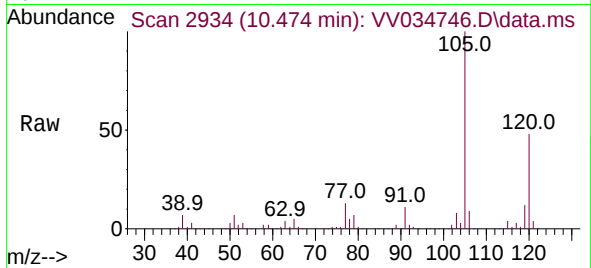
ClientSampleId :

Tgt Ion:105 Resp: 511396

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 53.390 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV034746.D

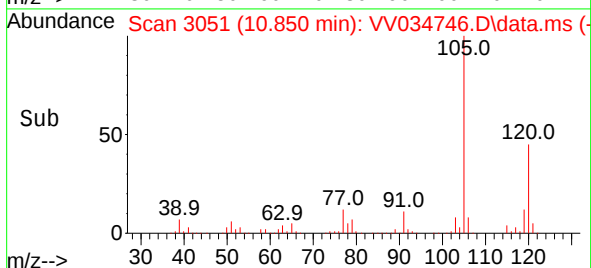
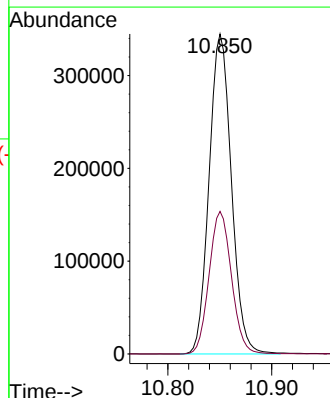
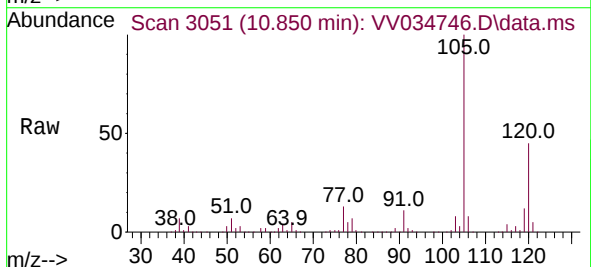
Acq: 19 Mar 2024 19:33

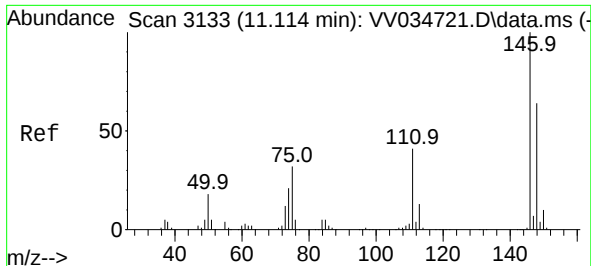
Tgt Ion:105 Resp: 512752

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 52.393 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

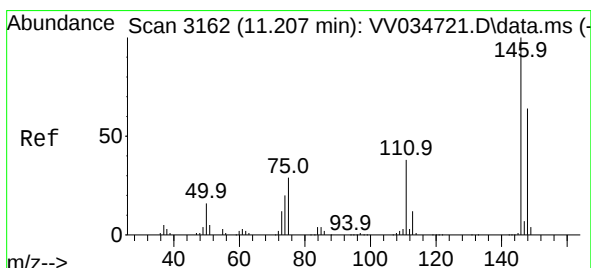
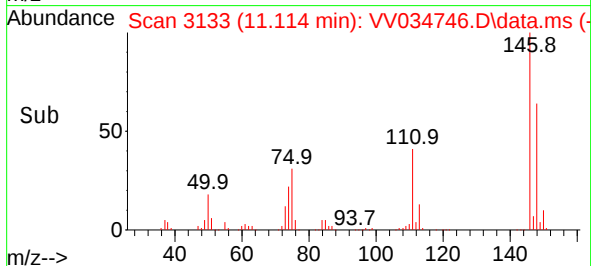
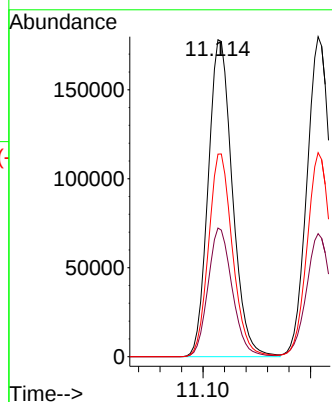
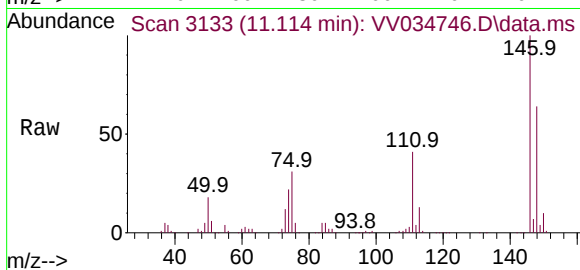
Tgt Ion:146 Resp: 278855

Ion Ratio Lower Upper

146 100

111 40.6 27.9 51.7

148 63.9 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 52.445 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

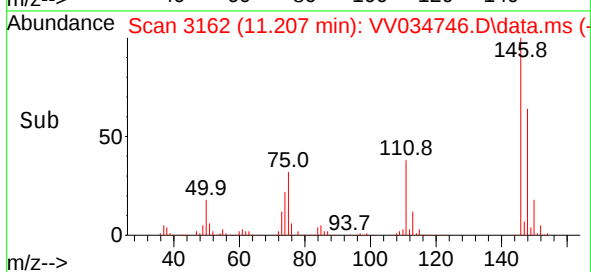
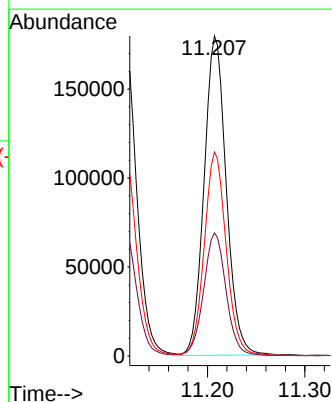
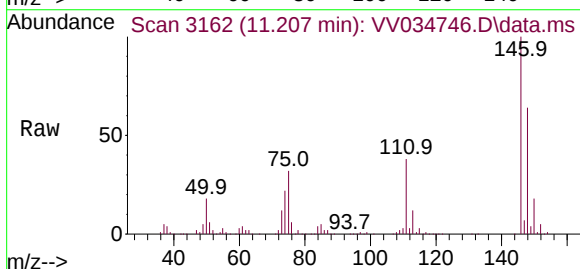
Tgt Ion:146 Resp: 283461

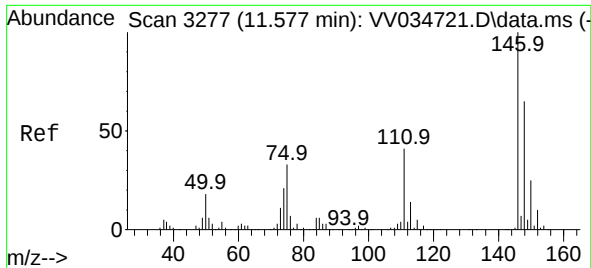
Ion Ratio Lower Upper

146 100

111 38.5 26.5 49.1

148 63.8 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 53.029 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :

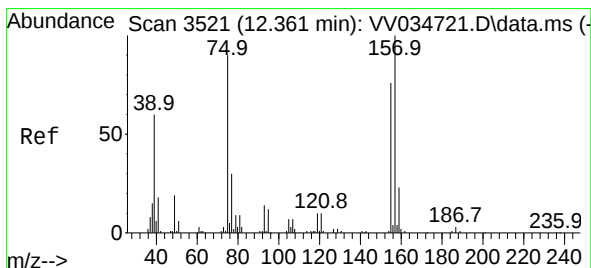
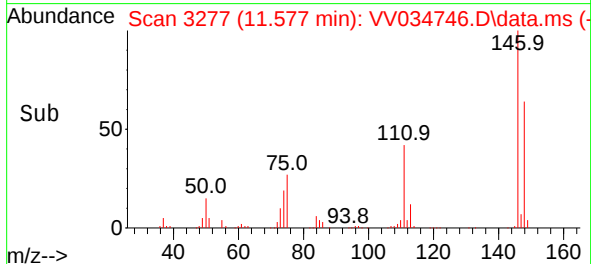
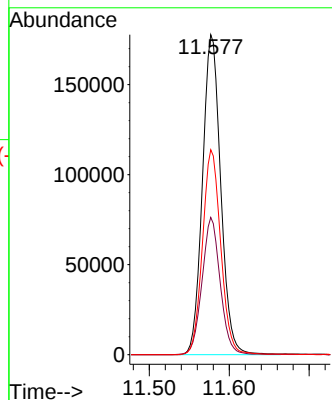
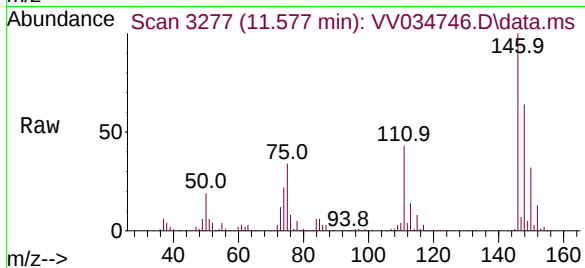
Tgt Ion:146 Resp: 282818

Ion Ratio Lower Upper

146 100

111 42.9 33.8 50.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.229 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

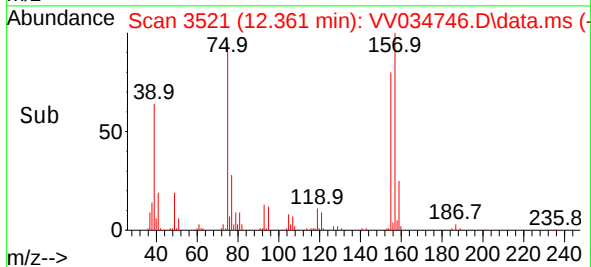
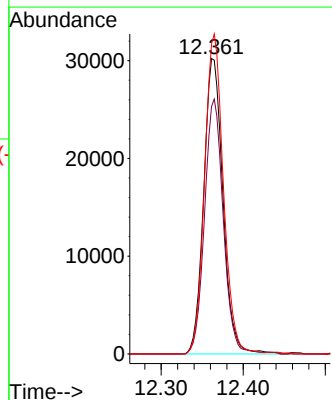
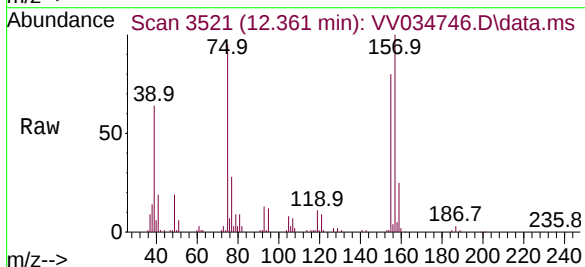
Tgt Ion: 75 Resp: 49264

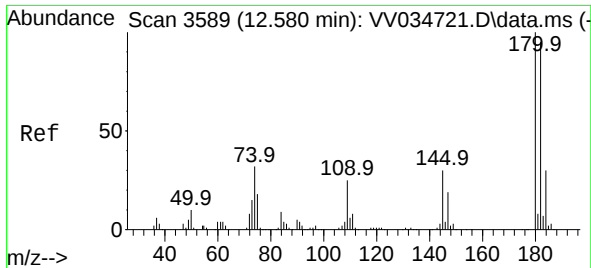
Ion Ratio Lower Upper

75 100

155 83.8 63.3 94.9

157 105.0 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 49.531 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

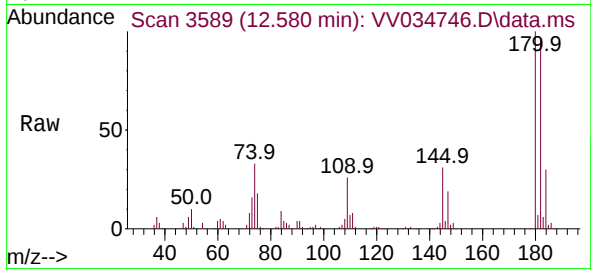
Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 197766

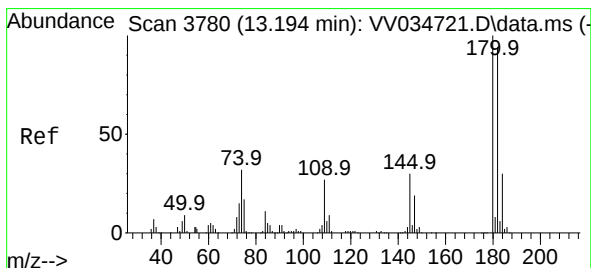
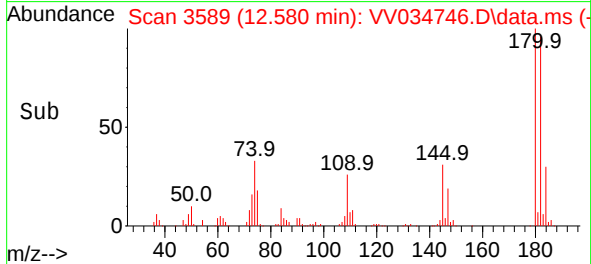
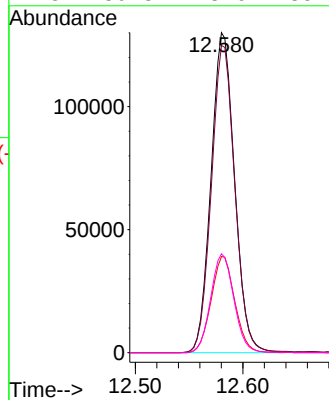
Ion Ratio Lower Upper

180 100

182 95.6 74.6 112.0

184 30.2 23.6 35.4

145 30.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.217 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV034746.D

Acq: 19 Mar 2024 19:33

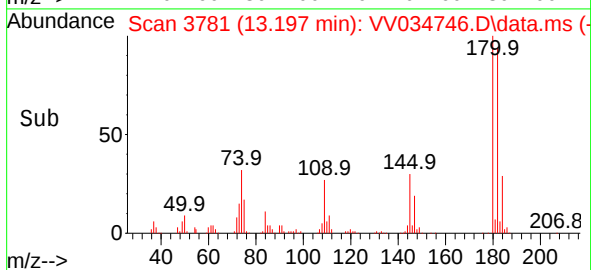
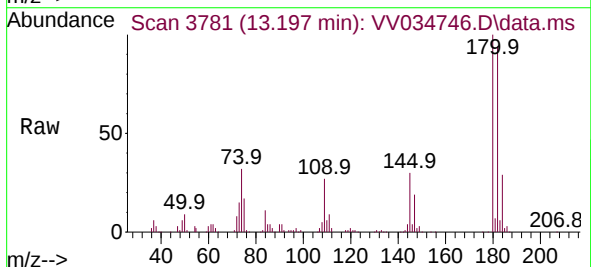
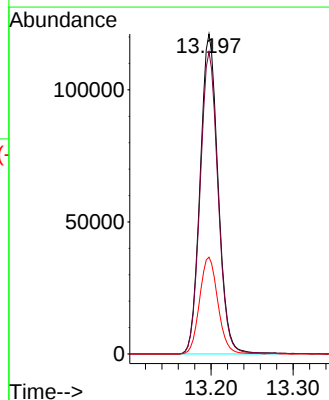
Tgt Ion:180 Resp: 184009

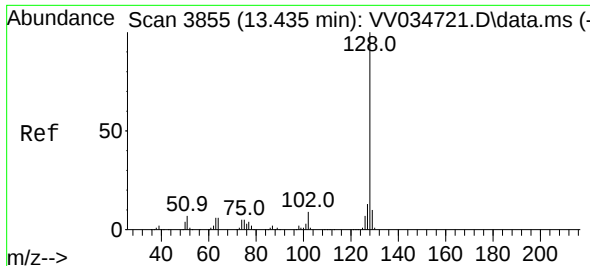
Ion Ratio Lower Upper

180 100

182 94.2 74.8 112.2

145 30.8 24.2 36.4

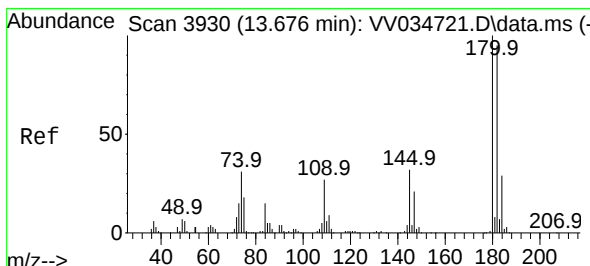
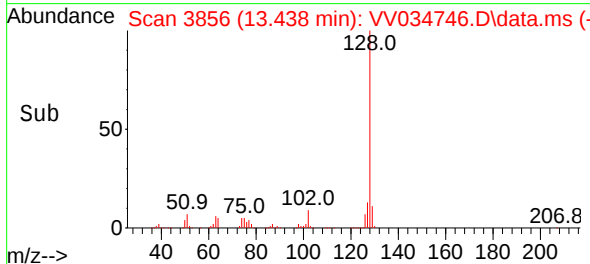
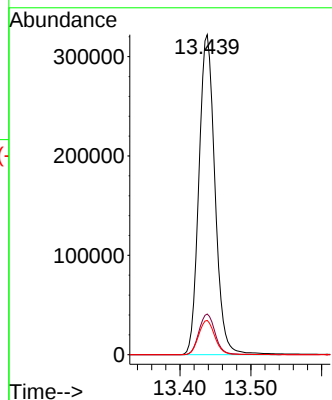
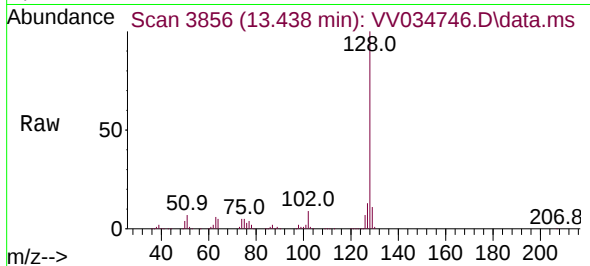




#71
Naphthalene
Concen: 52.770 ug/L
RT: 13.438 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 507144
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.287 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034746.D
Acq: 19 Mar 2024 19:33

Tgt Ion:180 Resp: 186765
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 32.6 25.5 38.3

