

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033766.D
 Acq On : 19 Jan 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 22:27:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	226488	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	211094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	72769	41.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.620%
7) Chloroethane-d5	1.529	69	61908	44.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.820%
11) 1,1-Dichloroethene-d2	2.060	65	34966	46.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
21) 2-Butanone-d5	3.780	46	101016	84.607	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.610%
24) Chloroform-d	4.246	84	144692	46.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.980%
26) 1,2-Dichloroethane-d4	4.940	65	94196	46.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
32) Benzene-d6	4.960	84	272290	45.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.740%
36) 1,2-Dichloropropane-d6	5.989	67	84516	42.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.560%
41) Toluene-d8	7.243	98	253830	46.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	7.551	79	43889	44.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.900%
47) 2-Hexanone-d5	8.021	63	72365	88.315	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.310%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	110590	43.852	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.700%
66) 1,2-Dichlorobenzene-d4	11.561	152	99255	47.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	80311	42.624	ug/L	99
3) Chloromethane	1.217	50	89551	41.796	ug/L	100
5) Vinyl chloride	1.285	62	93338	45.537	ug/L	85
6) Bromomethane	1.481	94	49955	46.633	ug/L	98
8) Chloroethane	1.548	64	61391	50.229	ug/L	96
9) Trichlorofluoromethane	1.712	101	135939	55.577	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75470	52.372	ug/L	97
12) 1,1-Dichloroethene	2.069	96	70567	51.915	ug/L	96
13) Acetone	2.111	43	87214	76.400	ug/L	99
14) Carbon disulfide	2.243	76	218592	47.316	ug/L	100
15) Methyl Acetate	2.371	43	81769	43.805	ug/L	# 100
16) Methylene chloride	2.445	84	77658	46.832	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	71879	47.340	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	263757	48.299	ug/L	99
19) 1,1-Dichloroethane	3.111	63	145146	46.758	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	86523	51.201	ug/L	95
22) 2-Butanone	3.863	43	109805	79.199	ug/L	99
23) Bromochloromethane	4.146	128	41005	49.948	ug/L	88
25) Chloroform	4.275	83	143531	48.768	ug/L	98

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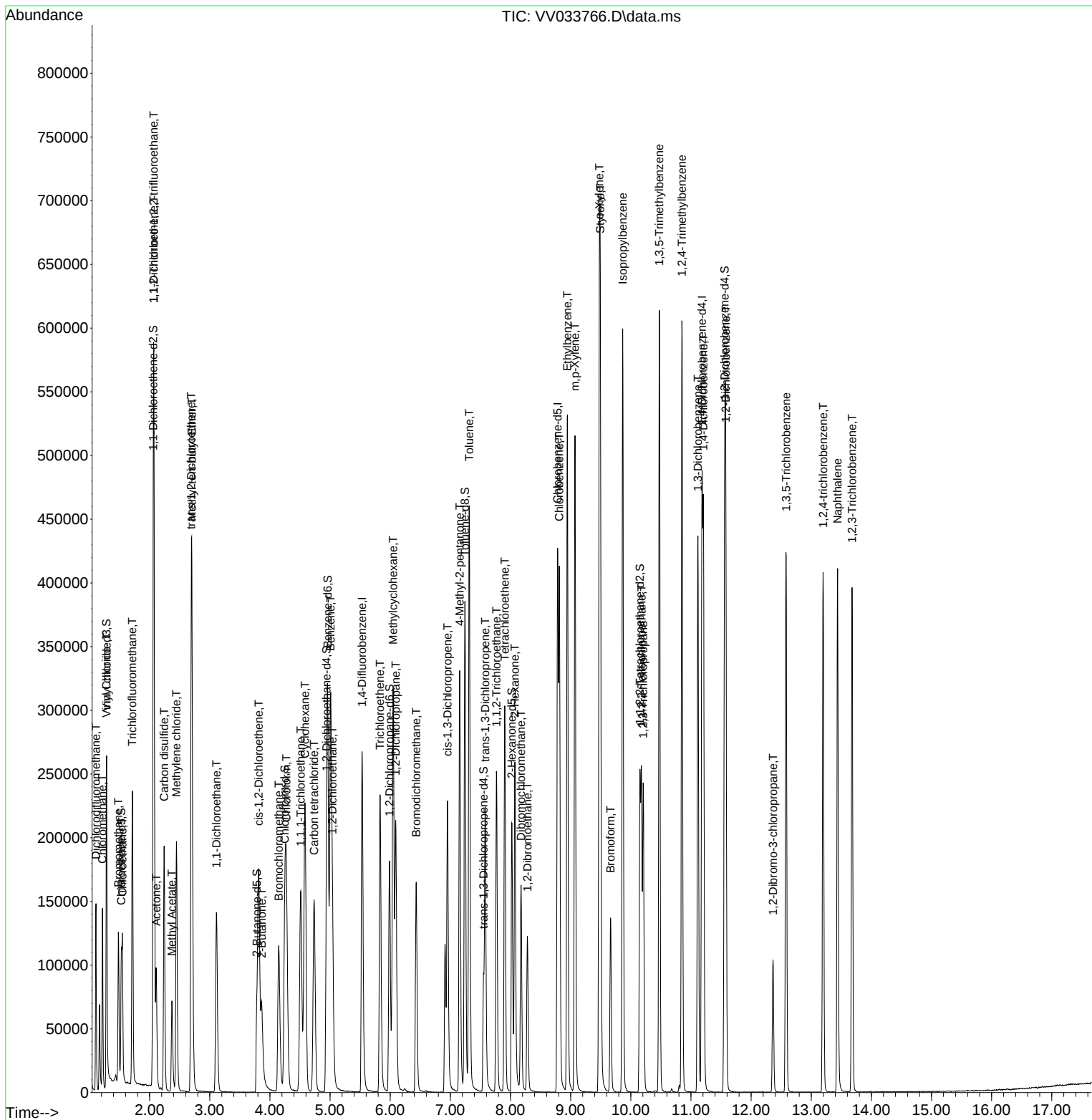
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 ClientSampleId :

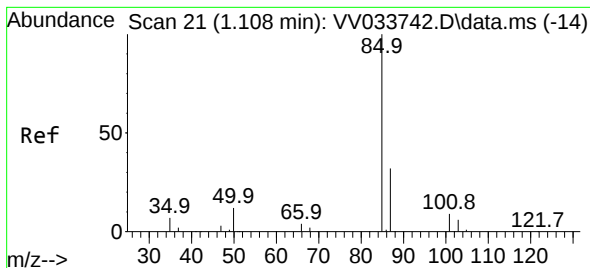
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 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	120301	48.937	ug/L	98
29) Cyclohexane	4.584	56	132911	44.662	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	133077	52.532	ug/L	99
31) Carbon tetrachloride	4.735	117	115414	53.376	ug/L	99
33) Benzene	5.008	78	302569	48.800	ug/L	100
34) Trichloroethene	5.831	95	82611	49.671	ug/L	98
35) Methylcyclohexane	6.050	83	132427	46.526	ug/L	96
37) 1,2-Dichloropropane	6.091	63	78959	46.279	ug/L	98
38) Bromodichloromethane	6.432	83	110924	49.698	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	134682	47.271	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	221580	87.648	ug/L	98
42) Toluene	7.313	91	321465	49.048	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	124405	47.383	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	74413	48.069	ug/L	99
46) Tetrachloroethene	7.905	164	65276	53.509	ug/L	96
48) 2-Hexanone	8.072	43	163076	80.955	ug/L	98
49) Dibromochloromethane	8.175	129	79706	49.436	ug/L	100
50) 1,2-Dibromoethane	8.281	107	78963	48.267	ug/L	97
51) Chlorobenzene	8.812	112	205433	49.207	ug/L	99
52) Ethylbenzene	8.947	91	366294	48.252	ug/L	100
53) m,p-Xylene	9.072	106	136719	48.784	ug/L	100
54) o-Xylene	9.477	106	136952	49.360	ug/L	99
55) Styrene	9.493	104	231760	48.382	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	115247	46.779	ug/L	99
59) Bromoform	9.664	173	57394	49.131	ug/L	98
60) Isopropylbenzene	9.866	105	371040	49.894	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	92069	47.199	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	314379	49.271	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	316386	49.765	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	168331	50.113	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	166348	49.389	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	167374	50.995	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25818	45.866	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	124600	50.197	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	115403	51.223	ug/L	100
71) Naphthalene	13.438	128	302039	51.305	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	111206	52.883	ug/L	99

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

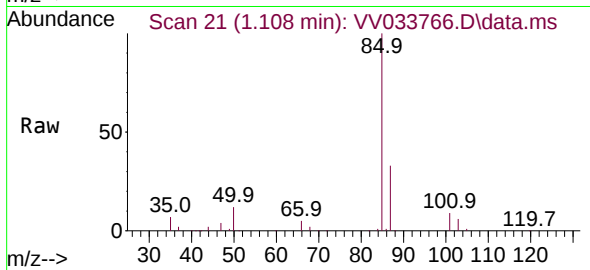
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
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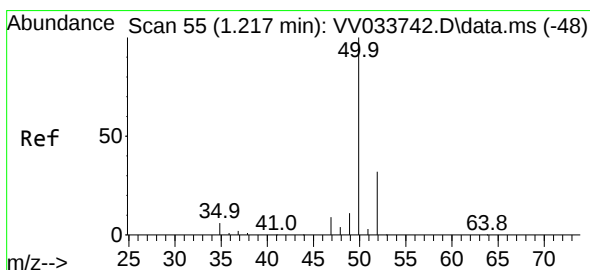
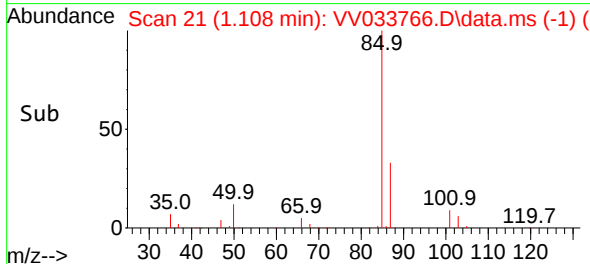
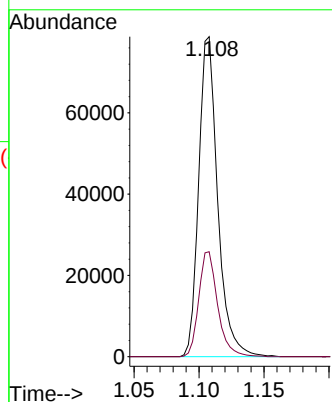


#2
 Dichlorodifluoromethane
 Concen: 42.624 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033766.D
 Acq: 19 Jan 2024 20:00

Instrument :
 MSVOA_V
 ClientSampleId :

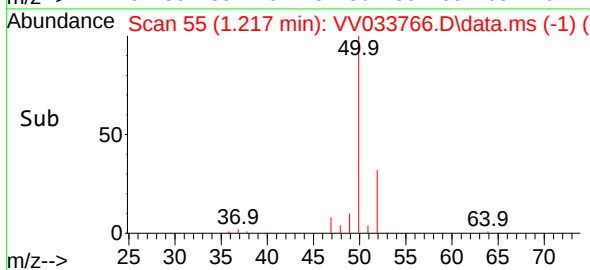
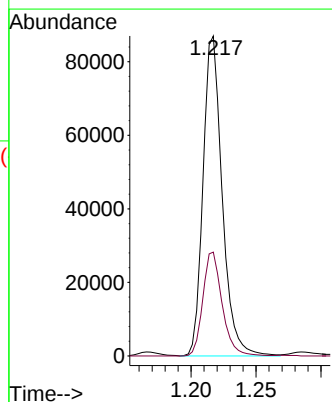
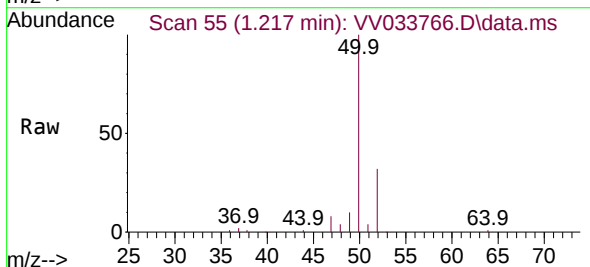


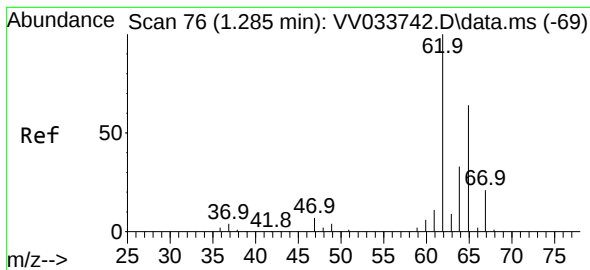
Tgt Ion: 85 Resp: 80311
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 41.796 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033766.D
 Acq: 19 Jan 2024 20:00

Tgt Ion: 50 Resp: 89551
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.8 42.4





#5

Vinyl chloride

Concen: 45.537 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

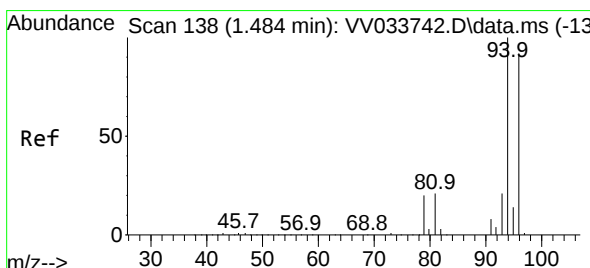
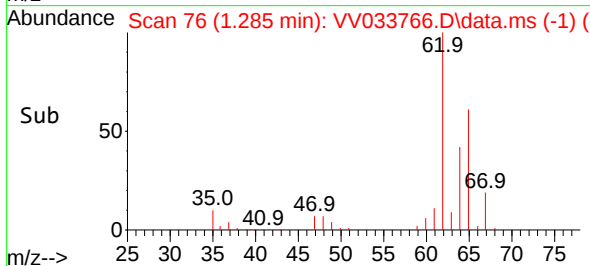
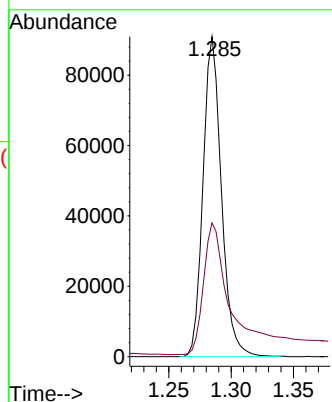
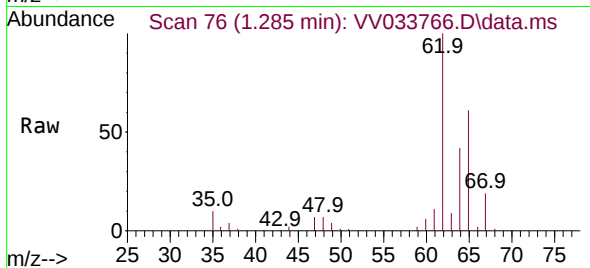
ClientSampleId :

Tgt Ion: 62 Resp: 93338

Ion Ratio Lower Upper

62 100

64 41.8 23.2 43.0



#6

Bromomethane

Concen: 46.633 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV033766.D

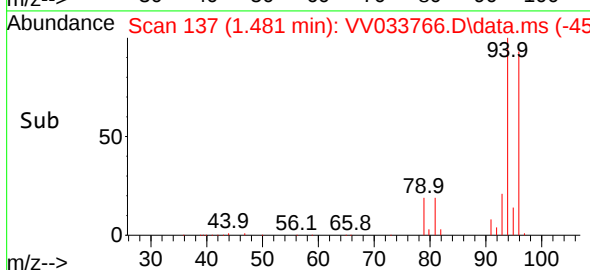
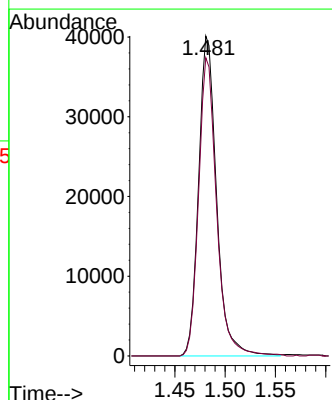
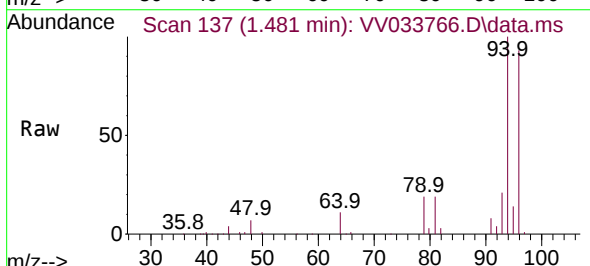
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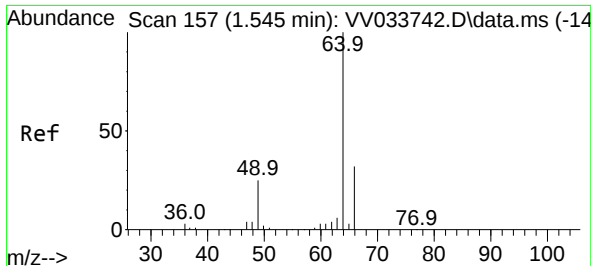
Tgt Ion: 94 Resp: 49955

Ion Ratio Lower Upper

94 100

96 93.2 66.4 123.2





#8

Chloroethane

Concen: 50.229 ug/L

RT: 1.548 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

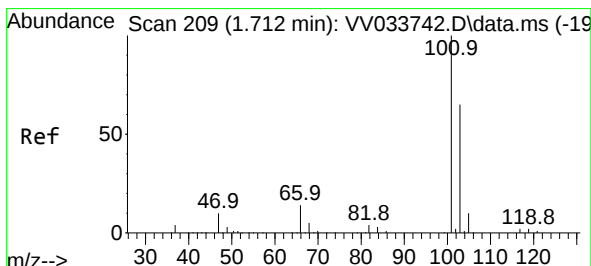
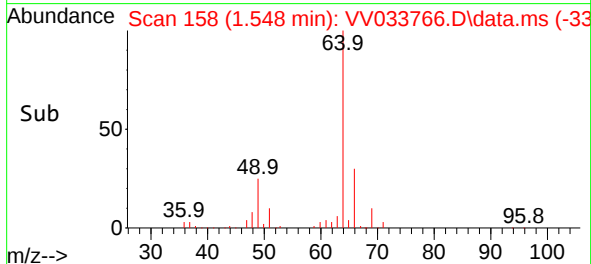
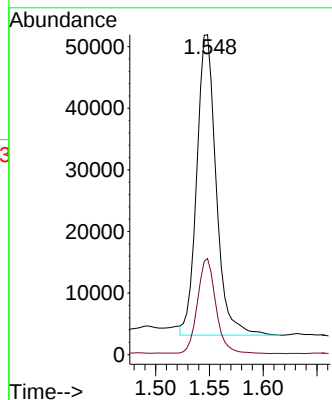
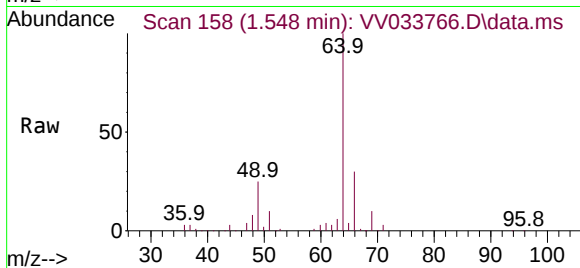
ClientSampleId :

Tgt Ion: 64 Resp: 61391

Ion Ratio Lower Upper

64 100

66 30.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 55.577 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.000 min

Lab File: VV033766.D

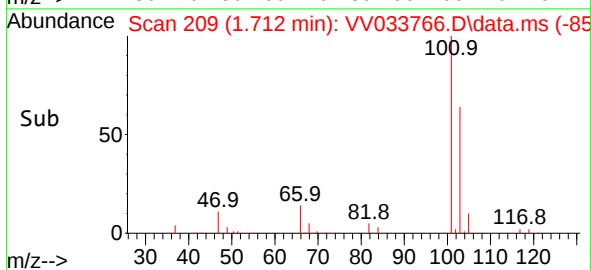
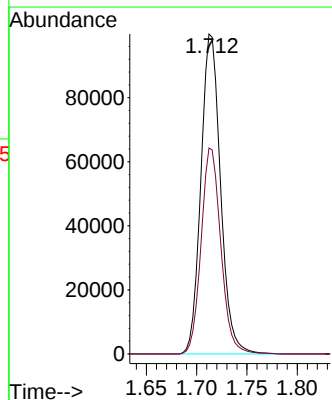
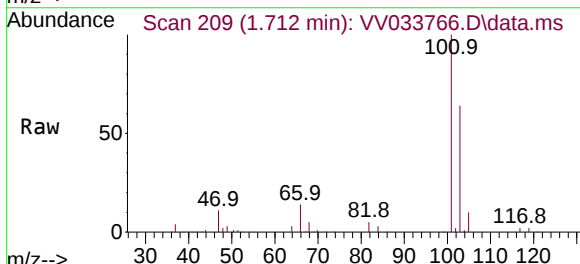
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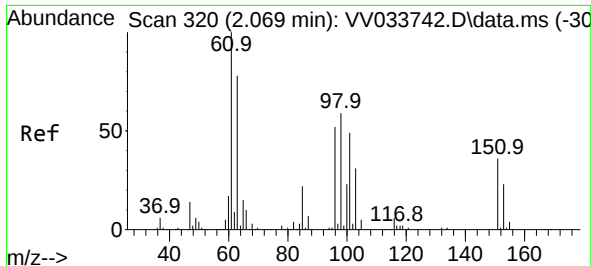
Tgt Ion:101 Resp: 135939

Ion Ratio Lower Upper

101 100

103 64.5 51.3 76.9

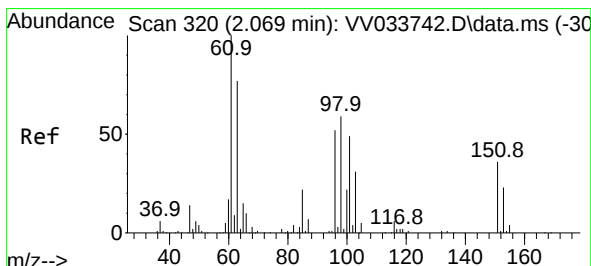
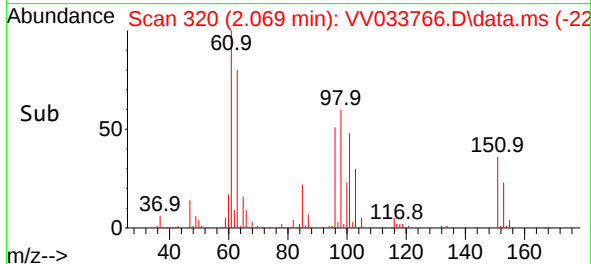
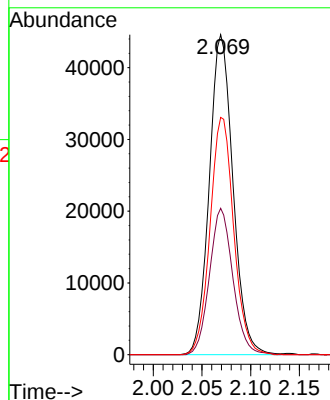
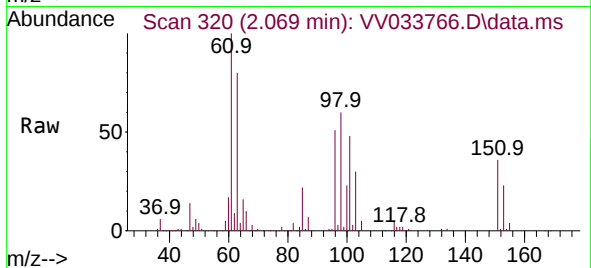




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.372 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033766.D
 Acq: 19 Jan 2024 20:00

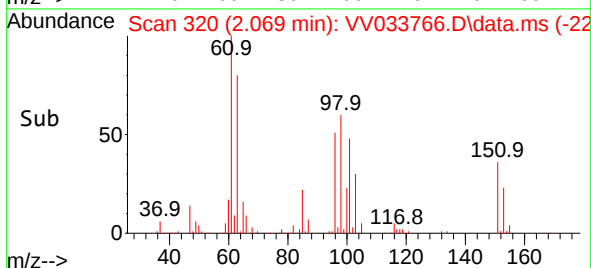
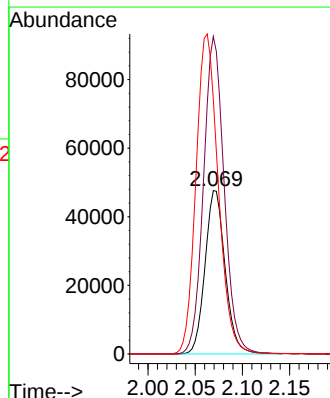
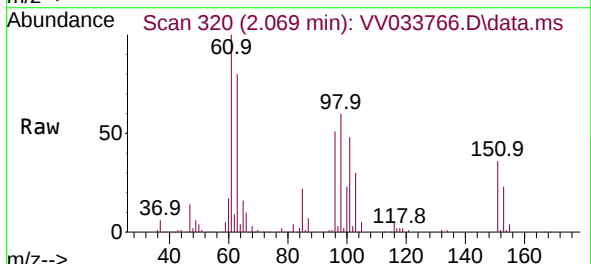
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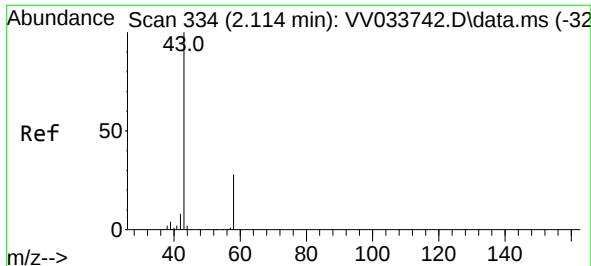
Tgt Ion:101 Resp: 75470
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.2 54.4
 151 74.0 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 51.915 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033766.D
 Acq: 19 Jan 2024 20:00

Tgt Ion: 96 Resp: 70567
 Ion Ratio Lower Upper
 96 100
 61 194.3 134.0 248.8
 63 155.8 103.4 192.0





#13

Acetone

Concen: 76.400 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

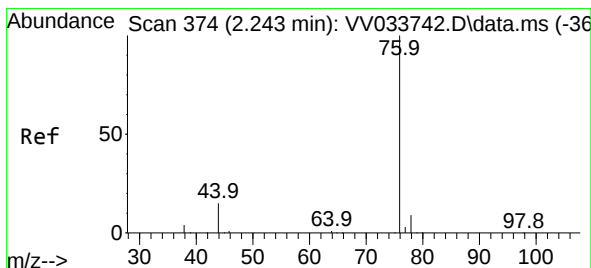
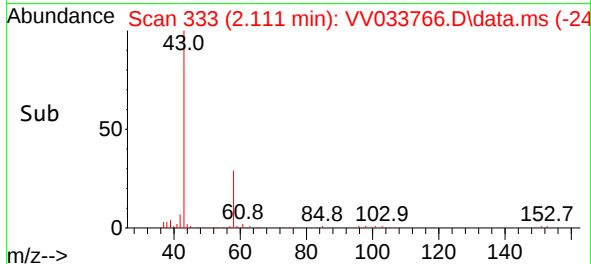
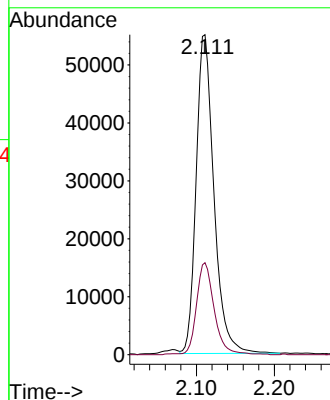
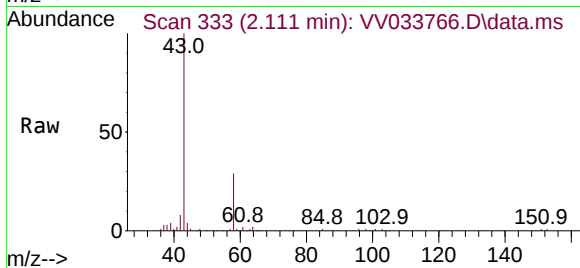
ClientSampleId :

Tgt Ion: 43 Resp: 87214

Ion Ratio Lower Upper

43 100

58 28.0 0.0 57.2



#14

Carbon disulfide

Concen: 47.316 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033766.D

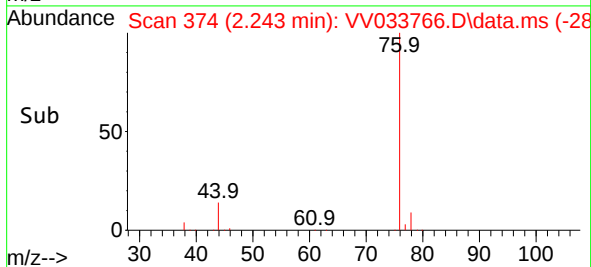
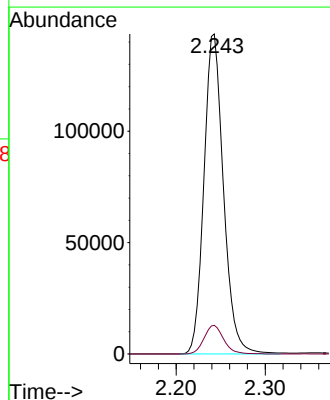
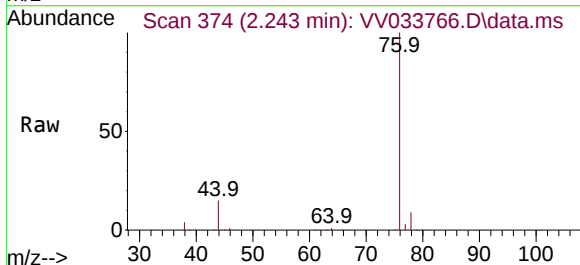
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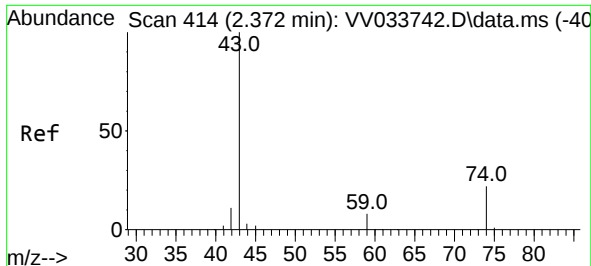
Tgt Ion: 76 Resp: 218592

Ion Ratio Lower Upper

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78 8.9 7.1 10.7

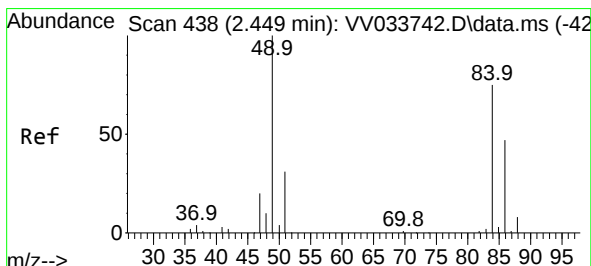
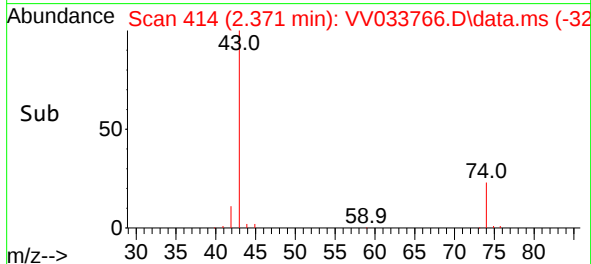
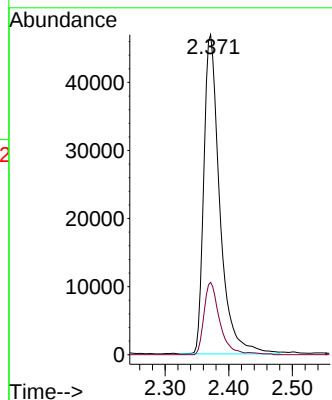
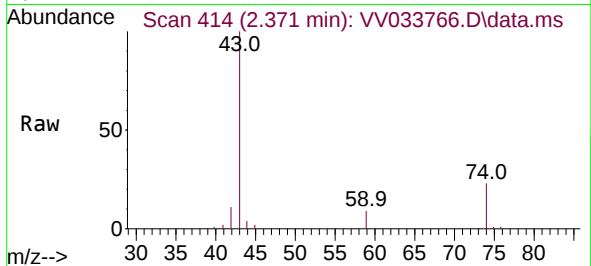




#15
Methyl Acetate
Concen: 43.805 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

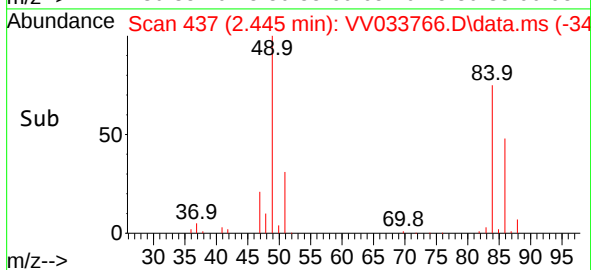
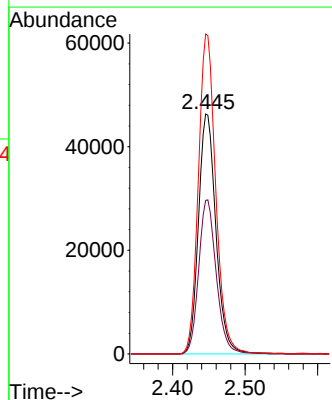
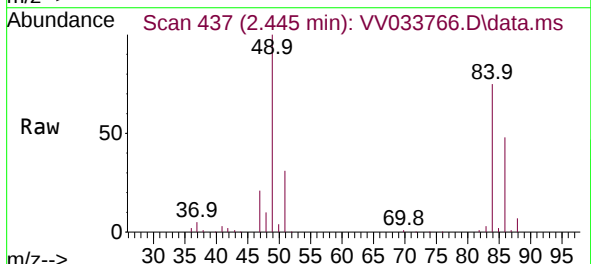
Instrument :
MSVOA_V
ClientSampleId :

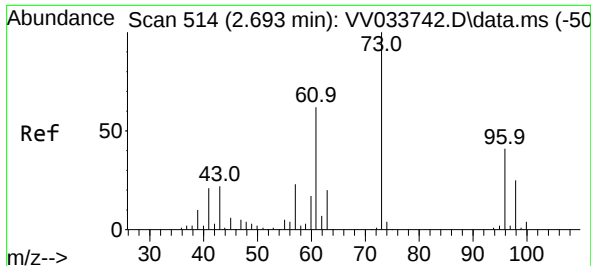
Tgt Ion: 43 Resp: 81769
Ion Ratio Lower Upper
43 100
74 21.9 0.0 0.0#



#16
Methylene chloride
Concen: 46.832 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion: 84 Resp: 77658
Ion Ratio Lower Upper
84 100
86 64.0 43.9 81.5
49 133.3 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 47.340 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

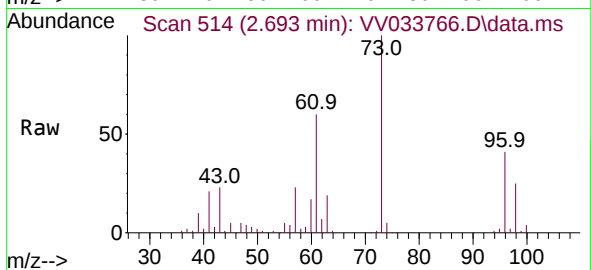
Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :



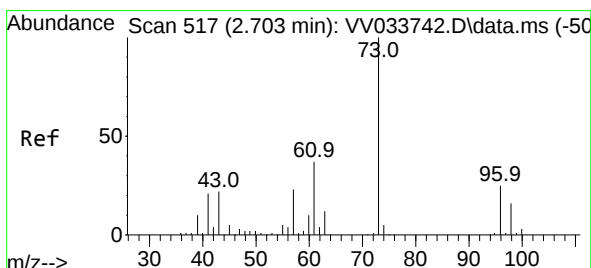
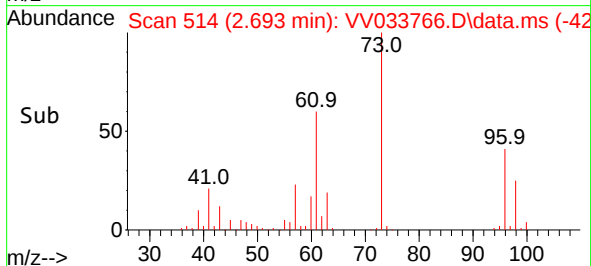
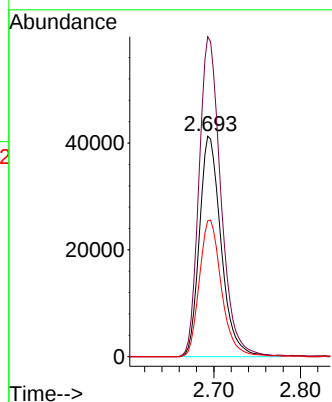
Tgt Ion: 96 Resp: 71879

Ion Ratio Lower Upper

96 100

61 145.1 108.4 201.4

98 61.6 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 48.299 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

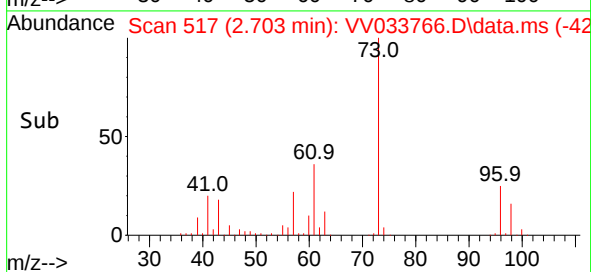
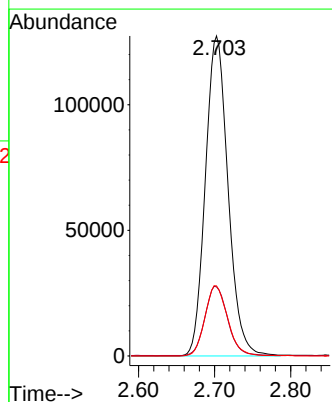
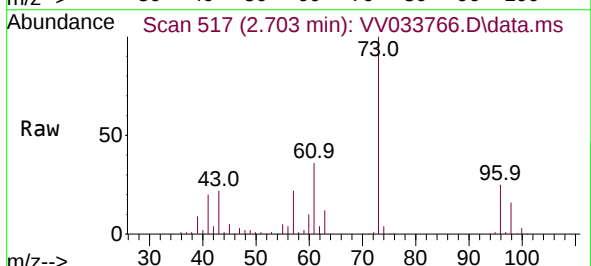
Tgt Ion: 73 Resp: 263757

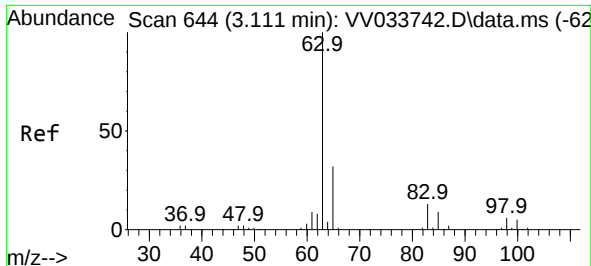
Ion Ratio Lower Upper

73 100

43 21.6 17.4 26.2

57 21.9 18.6 27.8





#19

1,1-Dichloroethane

Concen: 46.758 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

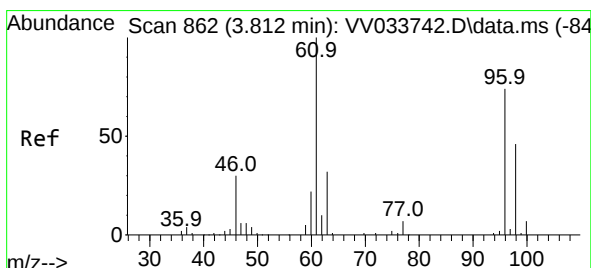
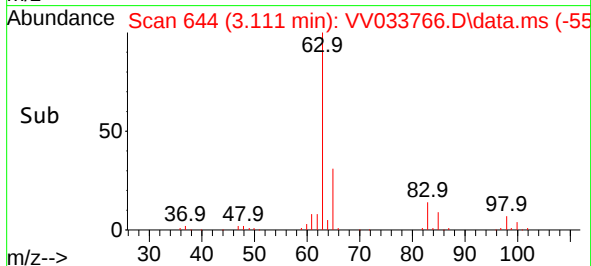
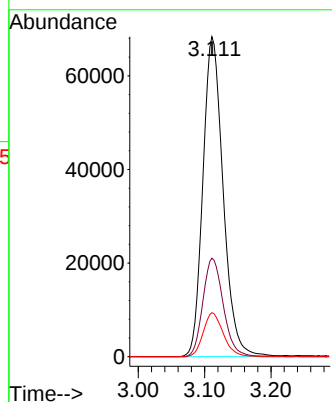
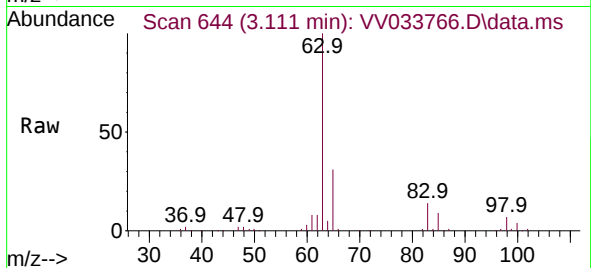
Tgt Ion: 63 Resp: 145146

Ion Ratio Lower Upper

63 100

65 30.8 22.4 41.6

83 13.8 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 51.201 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

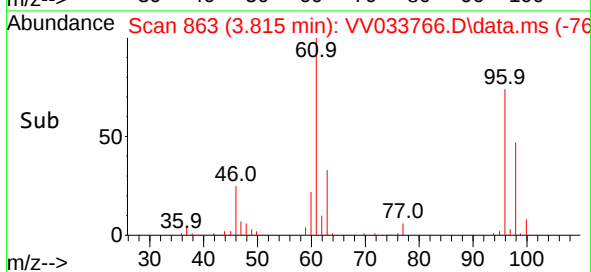
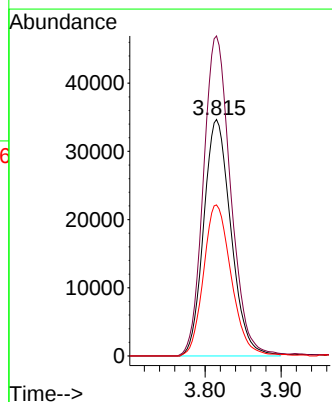
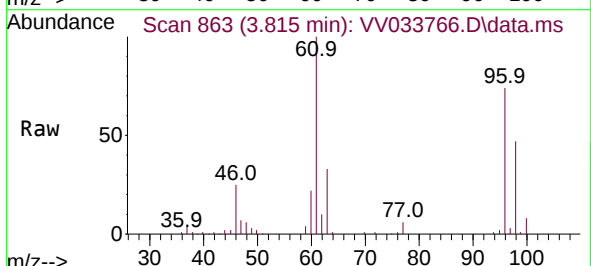
Tgt Ion: 96 Resp: 86523

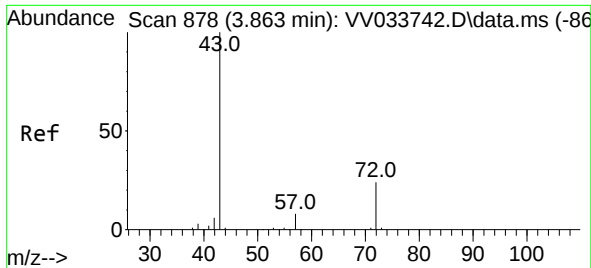
Ion Ratio Lower Upper

96 100

61 135.3 100.6 186.8

98 63.9 44.6 82.8

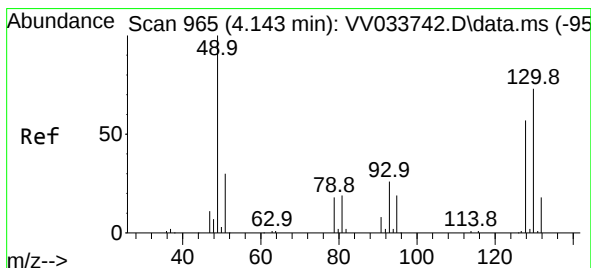
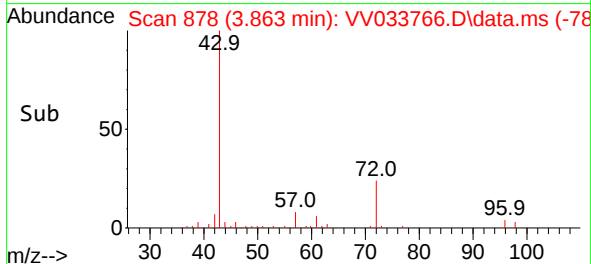
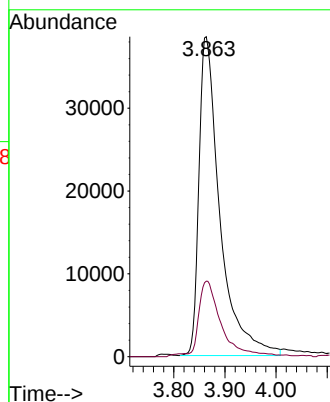
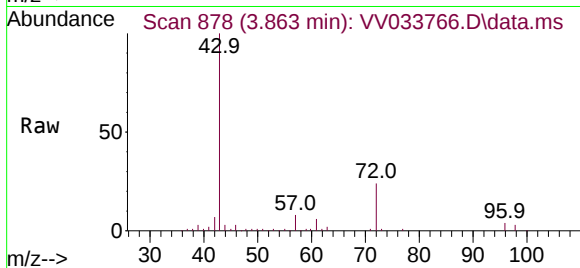




#22
2-Butanone
Concen: 79.199 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

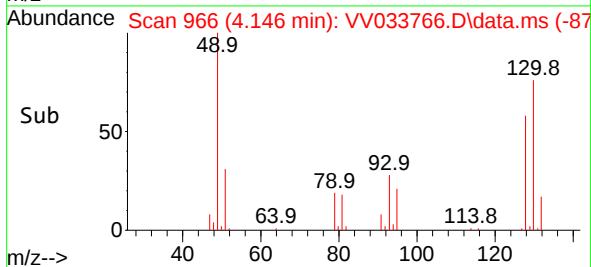
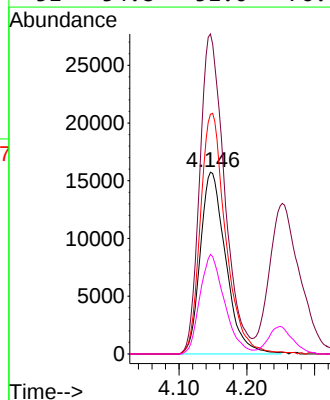
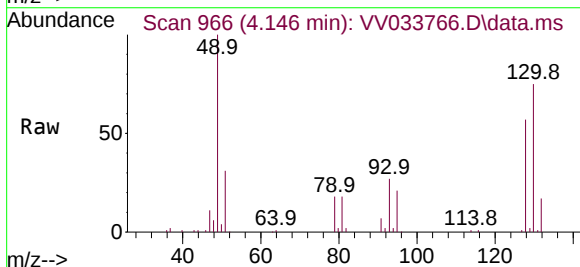
Instrument :
MSVOA_V
ClientSampleId :

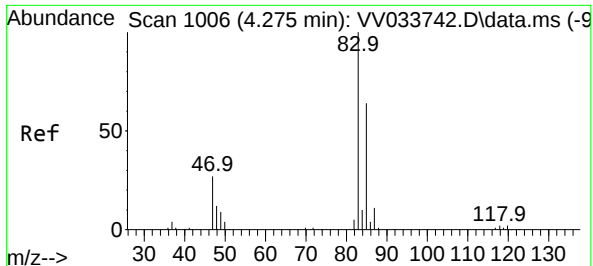
Tgt Ion: 43 Resp: 109805
Ion Ratio Lower Upper
43 100
72 23.1 11.9 35.5



#23
Bromochloromethane
Concen: 49.948 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion:128 Resp: 41005
Ion Ratio Lower Upper
128 100
49 176.0 143.9 267.2
130 131.9 90.6 168.2
51 54.8 51.0 76.6





#25

Chloroform

Concen: 48.768 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

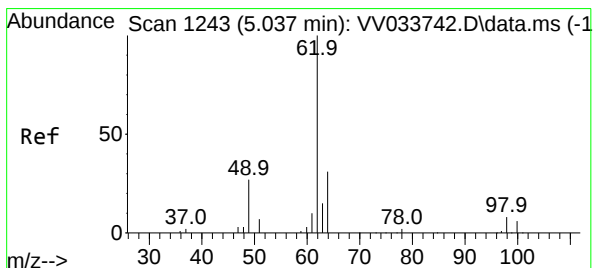
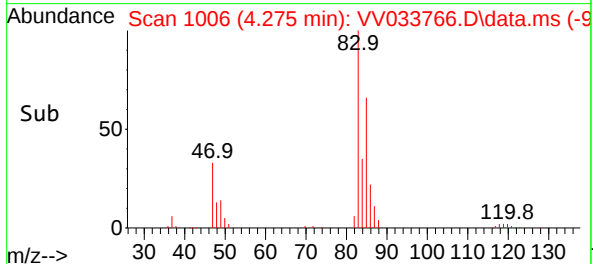
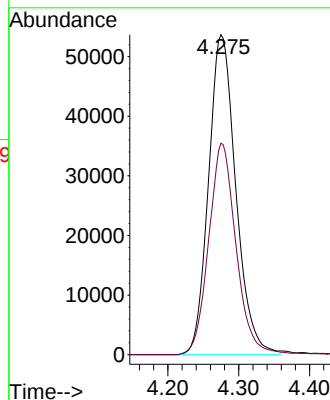
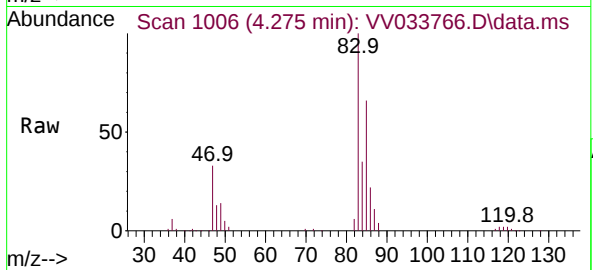
ClientSampleId :

Tgt Ion: 83 Resp: 143531

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.9



#27

1,2-Dichloroethane

Concen: 48.937 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033766.D

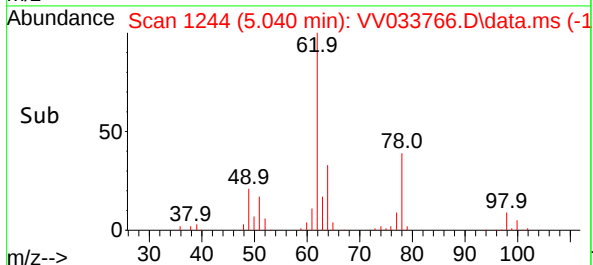
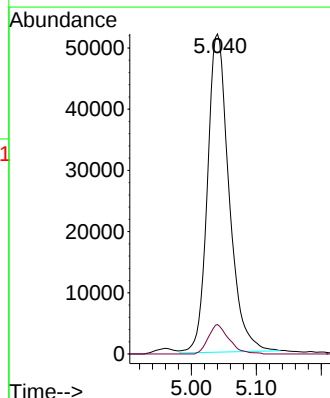
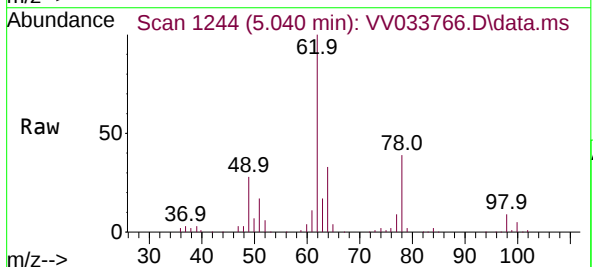
Acq: 19 Jan 2024 20:00

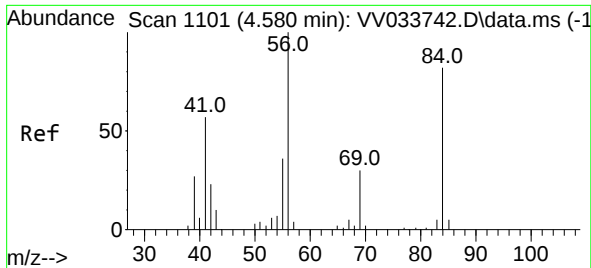
Tgt Ion: 62 Resp: 120301

Ion Ratio Lower Upper

62 100

98 9.2 6.8 10.2

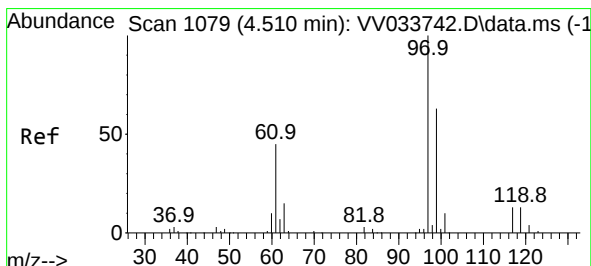
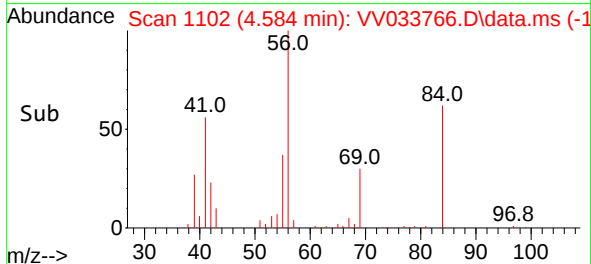
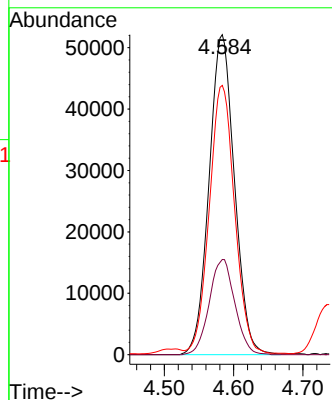
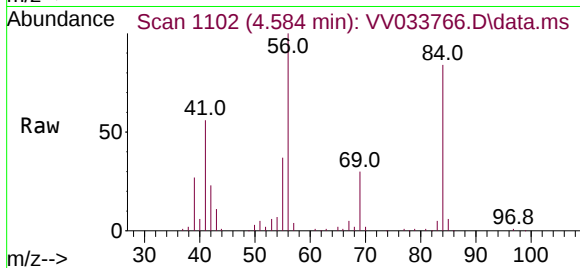




#29
Cyclohexane
Concen: 44.662 ug/L
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

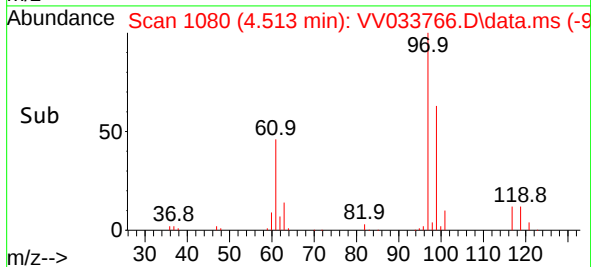
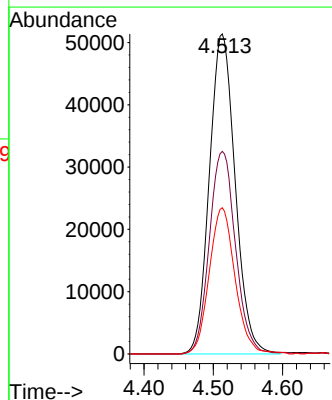
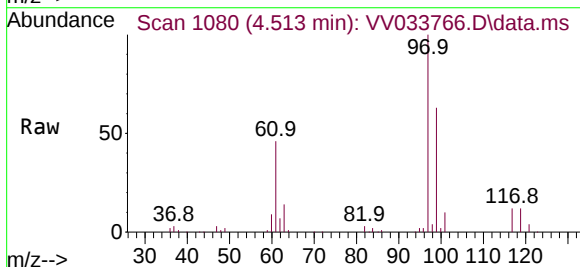
Instrument :
MSVOA_V
ClientSampleId :

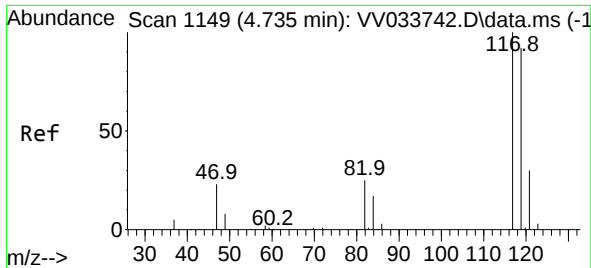
Tgt Ion: 56 Resp: 132911
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.6
84 83.0 63.8 95.6



#30
1,1,1-Trichloroethane
Concen: 52.532 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

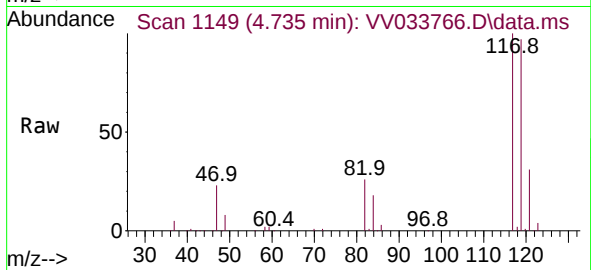
Tgt Ion: 97 Resp: 133077
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 45.6 38.2 57.2



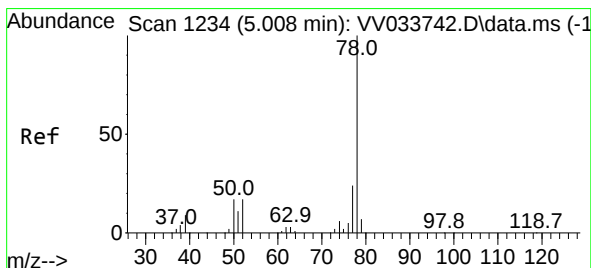
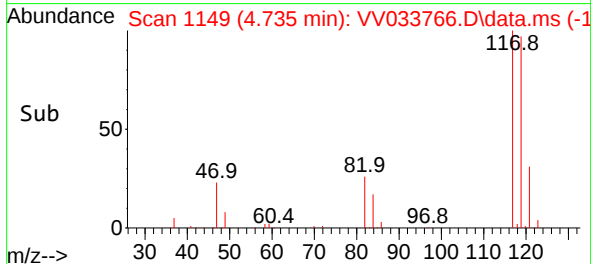
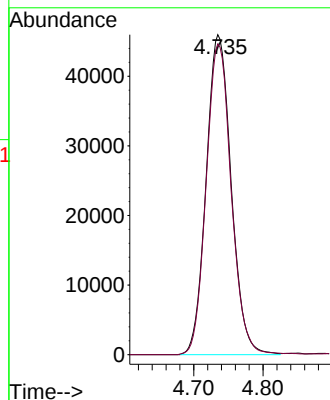


#31
Carbon tetrachloride
Concen: 53.376 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Instrument :
MSVOA_V
ClientSampleId :

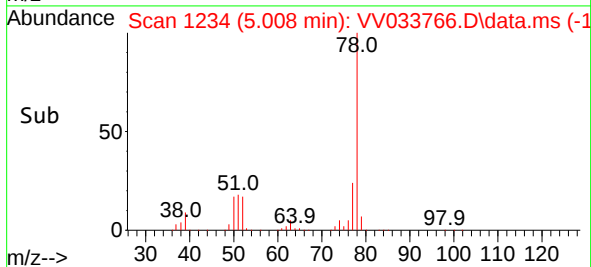
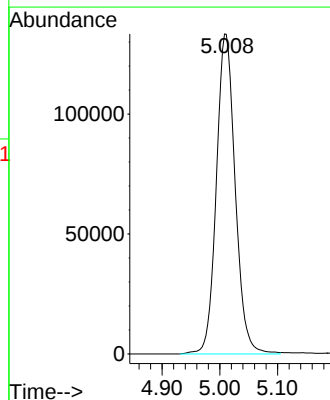
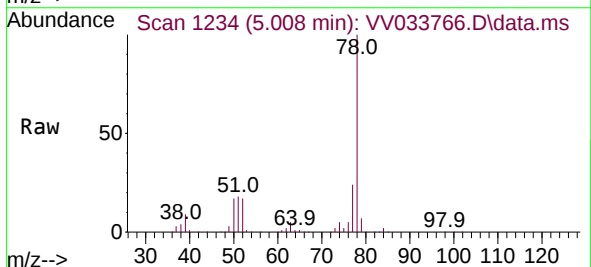


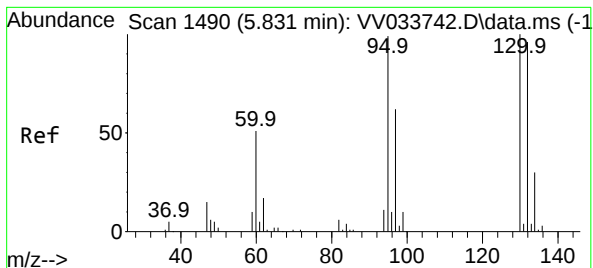
Tgt Ion:117 Resp: 115414
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4



#33
Benzene
Concen: 48.800 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion: 78 Resp: 302569





#34

Trichloroethene

Concen: 49.671 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

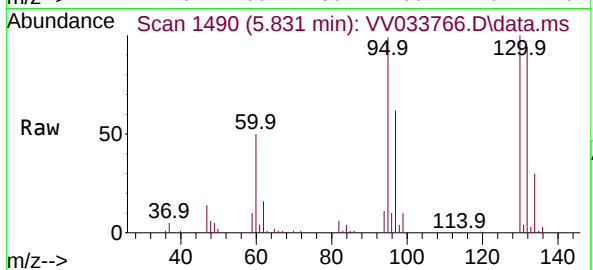
Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 82611

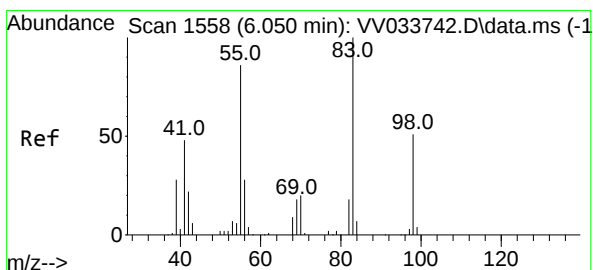
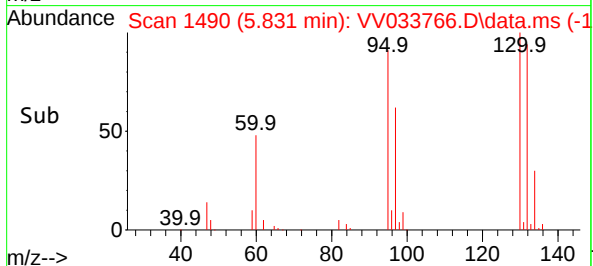
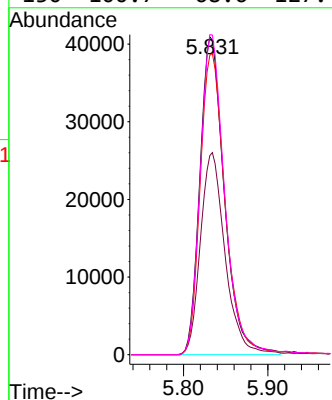
Ion Ratio Lower Upper

95 100

97 62.6 44.4 82.4

132 94.2 65.5 121.7

130 100.7 68.6 127.4



#35

Methylcyclohexane

Concen: 46.526 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

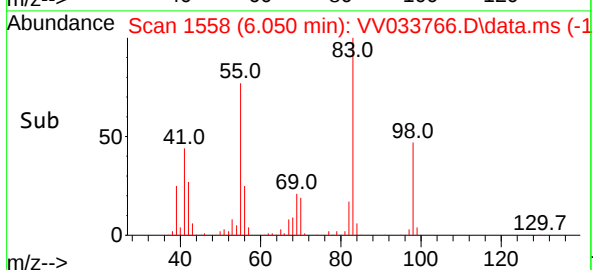
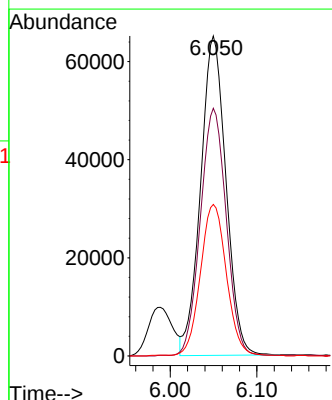
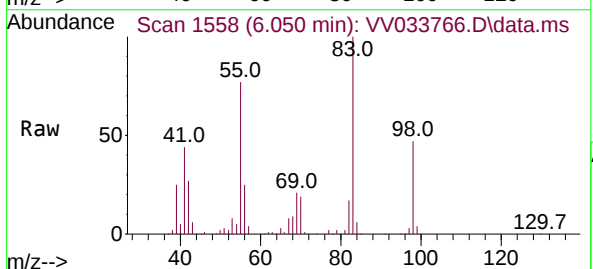
Tgt Ion: 83 Resp: 132427

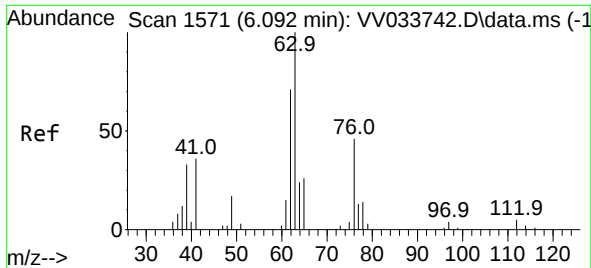
Ion Ratio Lower Upper

83 100

55 79.4 67.1 100.7

98 48.3 37.7 56.5

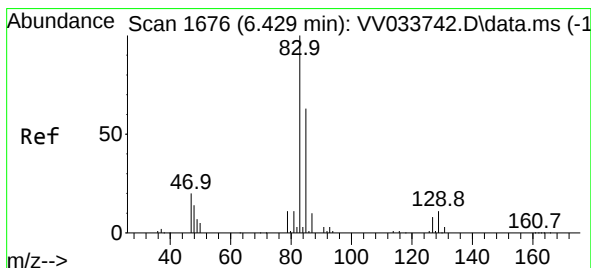
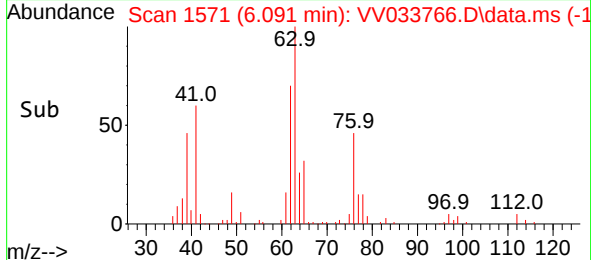
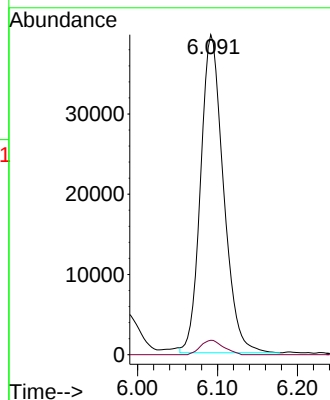
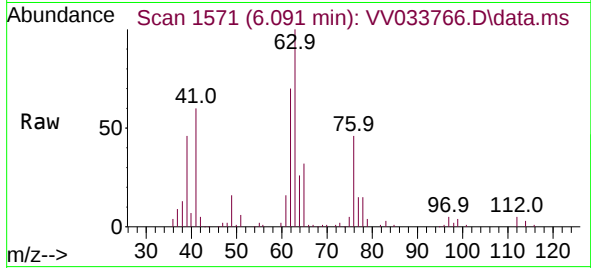




#37
1,2-Dichloropropane
Concen: 46.279 ug/L
RT: 6.091 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

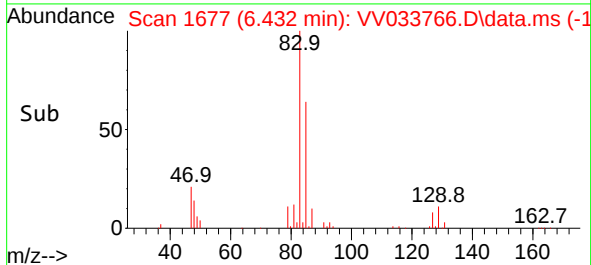
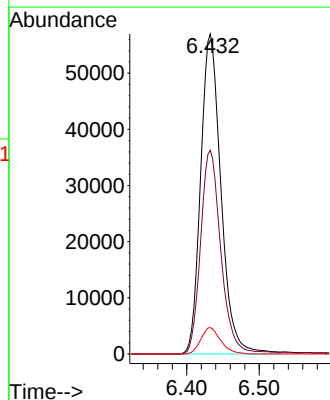
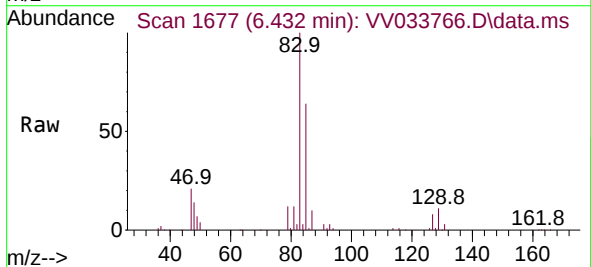
Instrument :
MSVOA_V
ClientSampleId :

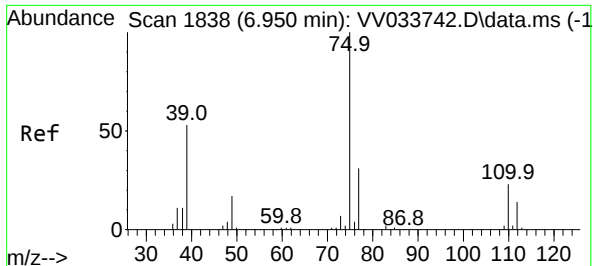
Tgt Ion: 63 Resp: 78959
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7



#38
Bromodichloromethane
Concen: 49.698 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion: 83 Resp: 110924
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 47.271 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

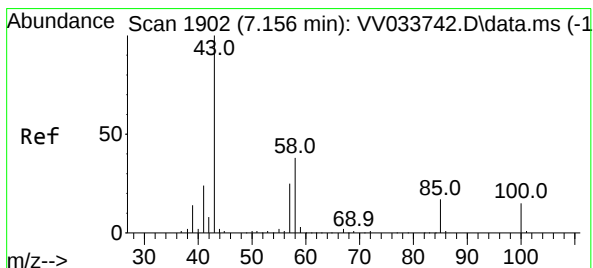
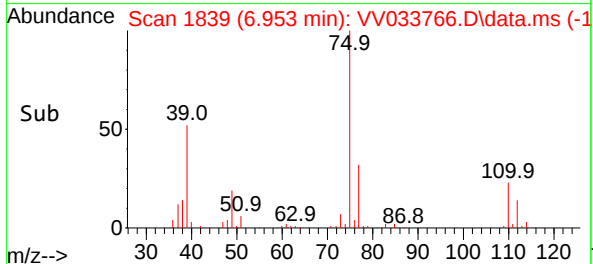
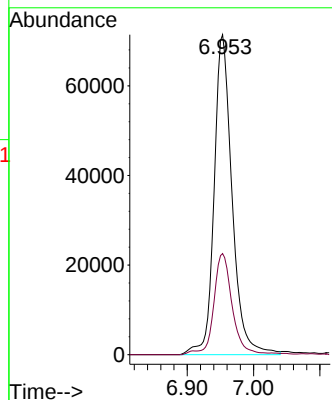
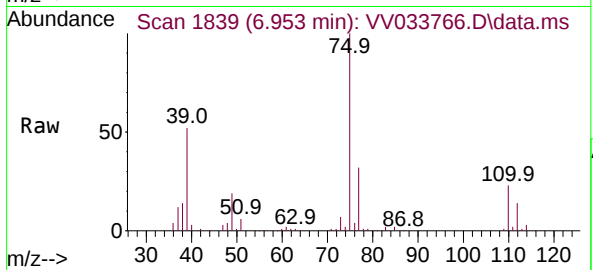
ClientSampleId :

Tgt Ion: 75 Resp: 134682

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 87.648 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

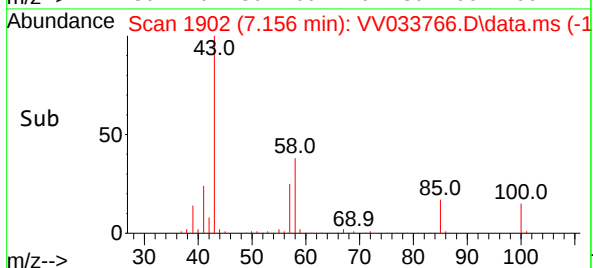
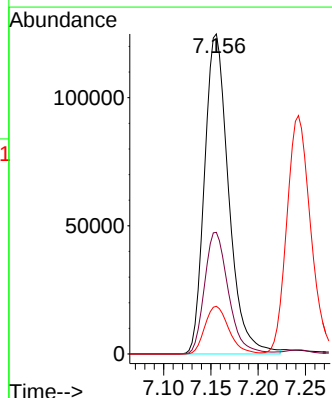
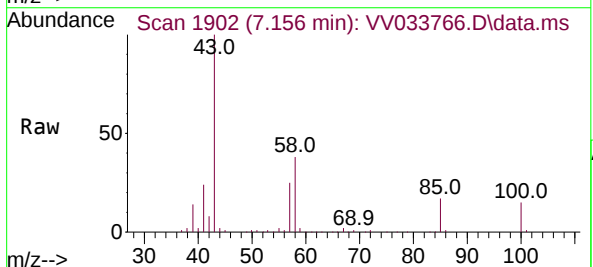
Tgt Ion: 43 Resp: 221580

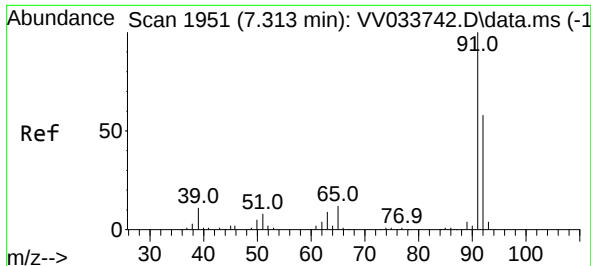
Ion Ratio Lower Upper

43 100

58 37.8 29.6 44.4

100 14.8 10.6 16.0





#42

Toluene

Concen: 49.048 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

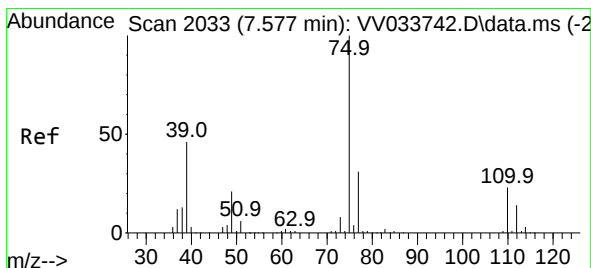
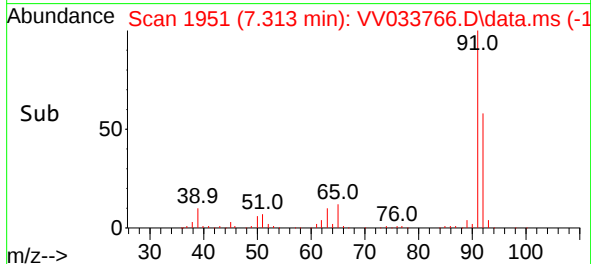
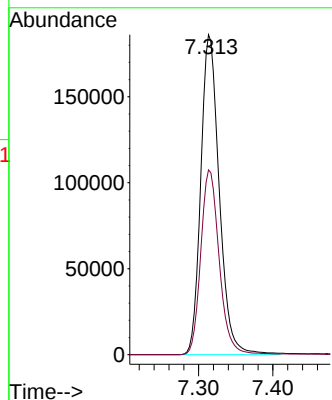
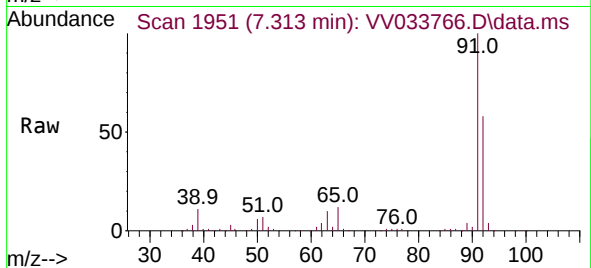
ClientSampleId :

Tgt Ion: 91 Resp: 321465

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.383 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033766.D

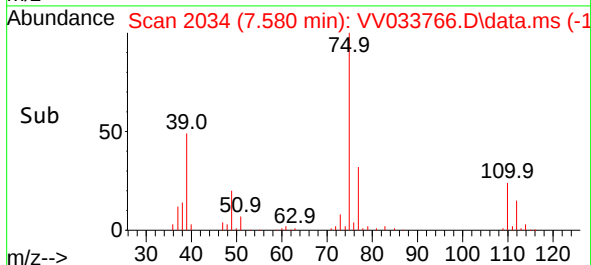
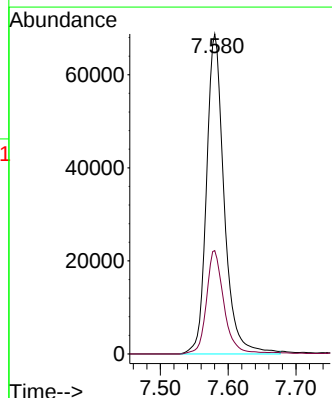
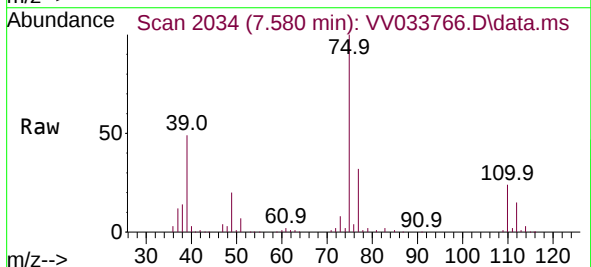
Acq: 19 Jan 2024 20:00

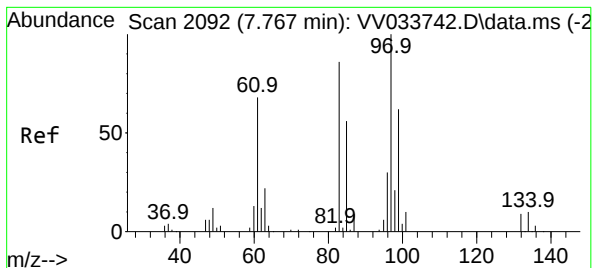
Tgt Ion: 75 Resp: 124405

Ion Ratio Lower Upper

75 100

77 32.3 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 48.069 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 74413

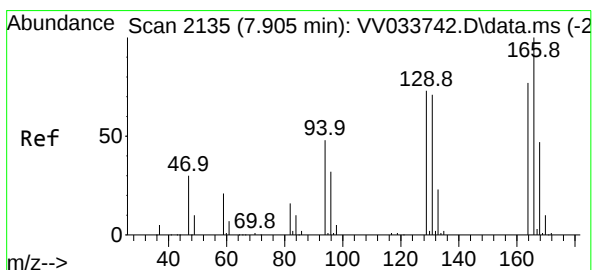
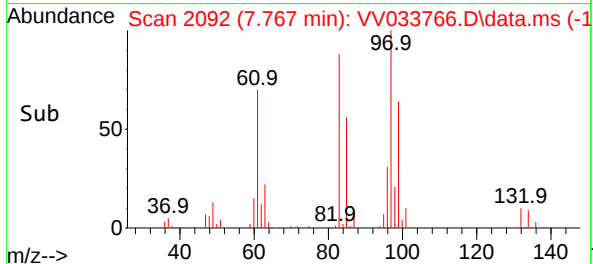
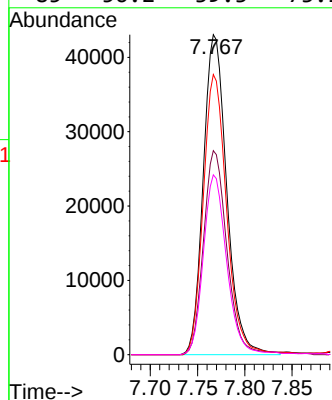
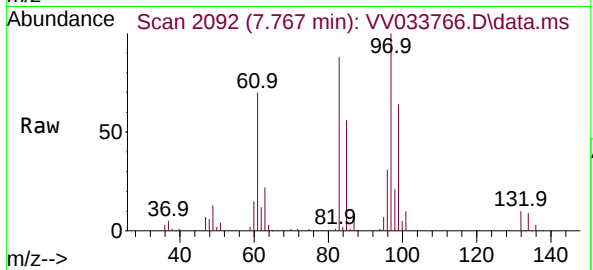
Ion Ratio Lower Upper

97 100

99 63.8 42.8 79.6

83 87.6 61.2 113.8

85 56.2 39.3 73.1



#46

Tetrachloroethene

Concen: 53.509 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Tgt Ion:164 Resp: 65276

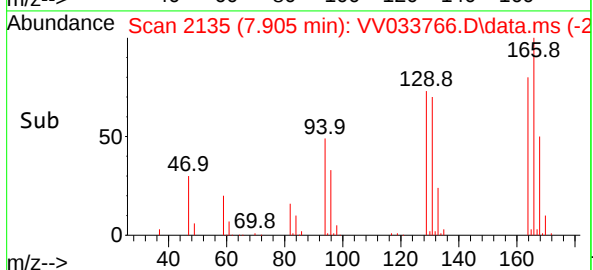
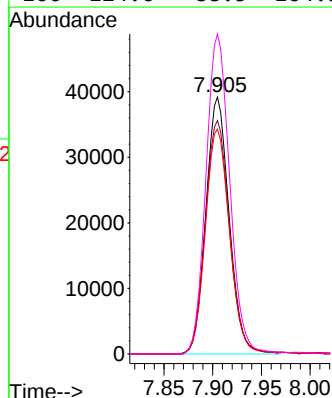
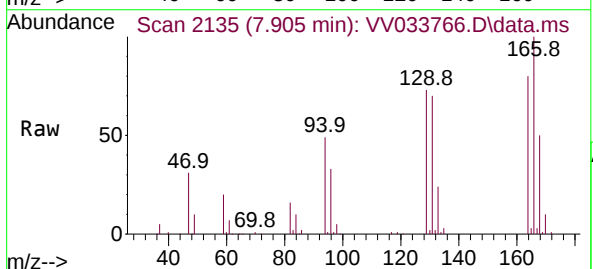
Ion Ratio Lower Upper

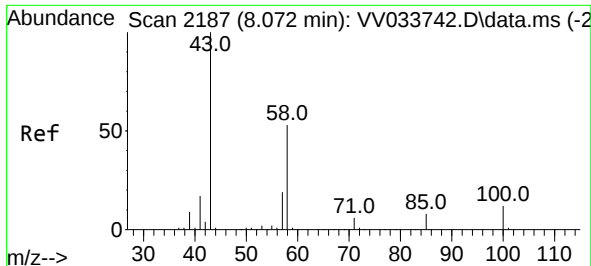
164 100

129 90.9 66.1 122.7

131 87.5 65.9 122.5

166 124.6 88.5 164.3



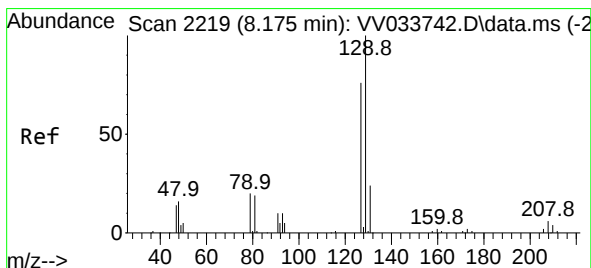
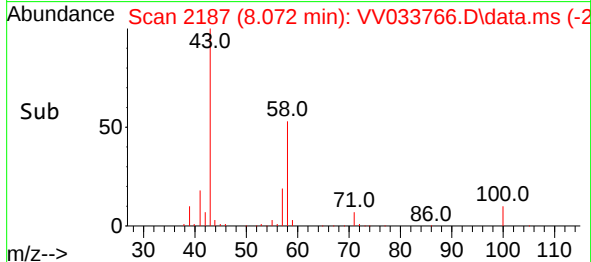
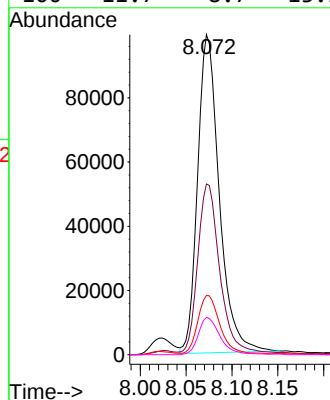
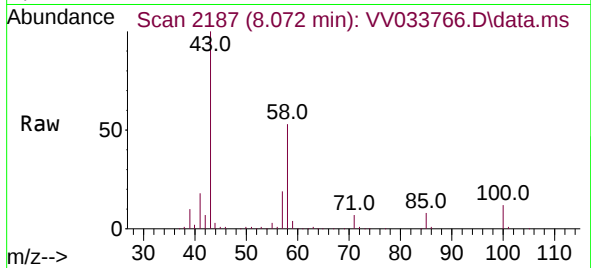


#48
2-Hexanone
Concen: 80.955 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 163076

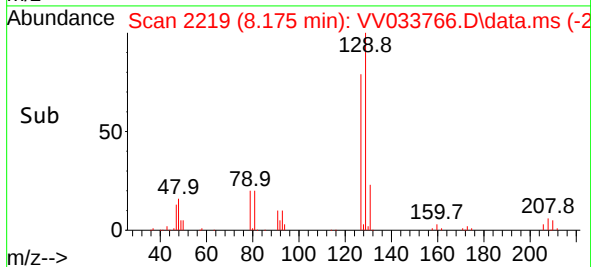
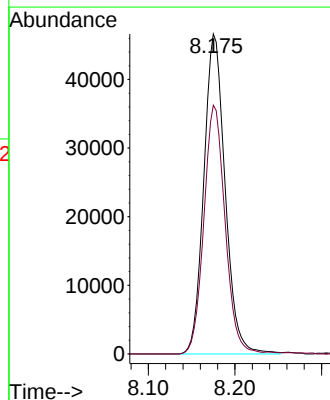
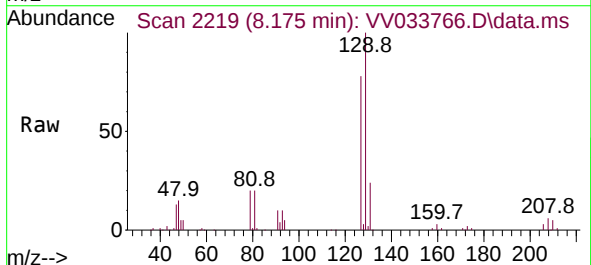
Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.3	63.5
57	18.9	14.2	21.2
100	11.7	8.7	13.1

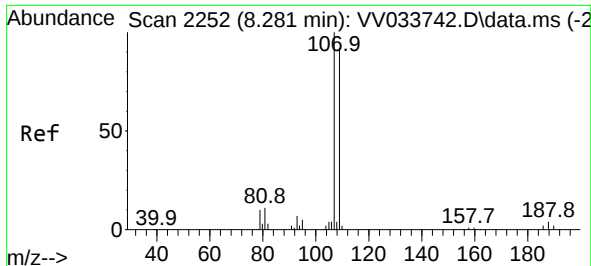


#49
Dibromochloromethane
Concen: 49.436 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion: 129 Resp: 79706

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.3





#50

1,2-Dibromoethane

Concen: 48.267 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

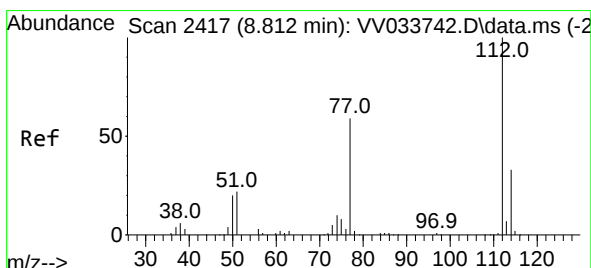
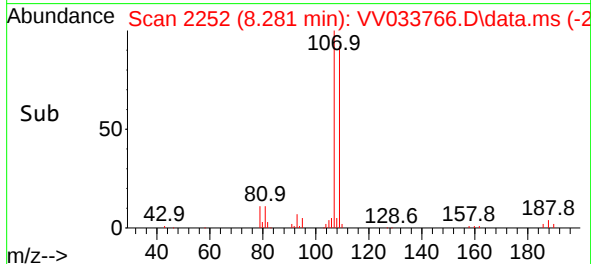
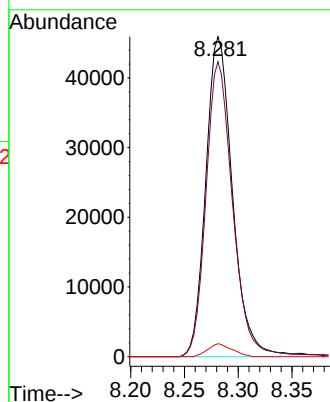
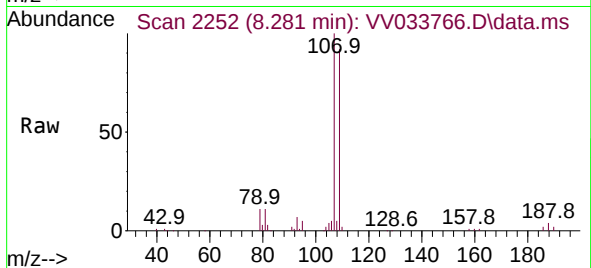
Tgt Ion:107 Resp: 78963

Ion Ratio Lower Upper

107 100

109 92.2 66.4 123.4

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 49.207 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

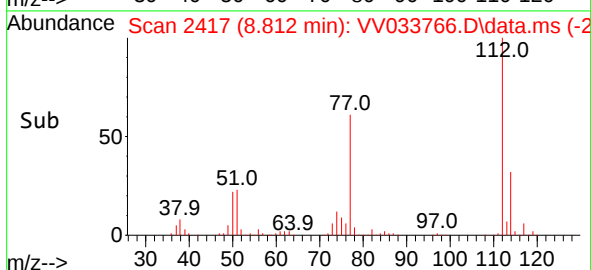
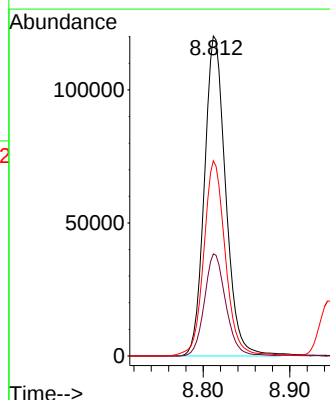
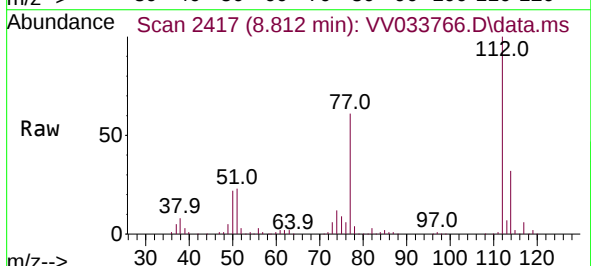
Tgt Ion:112 Resp: 205433

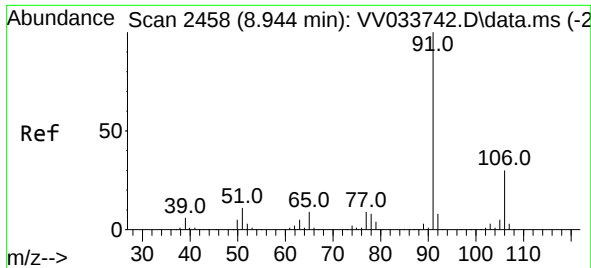
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 61.0 49.4 74.0

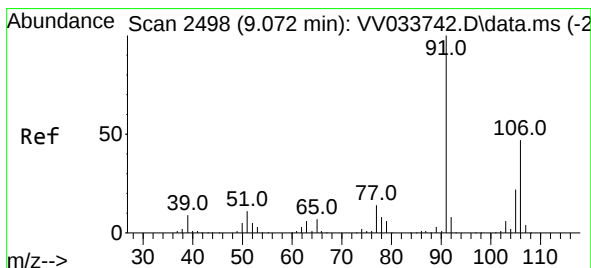
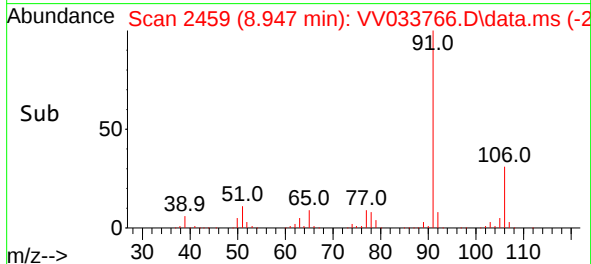
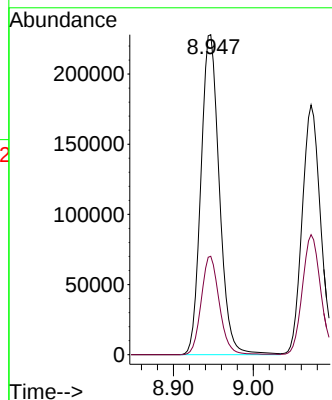
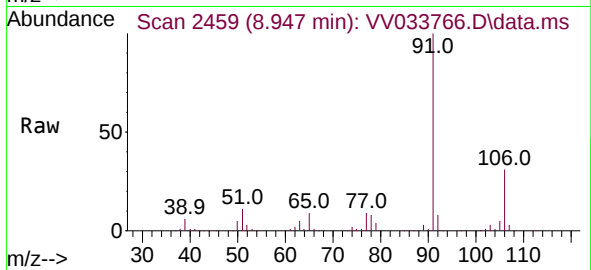




#52
Ethylbenzene
Concen: 48.252 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

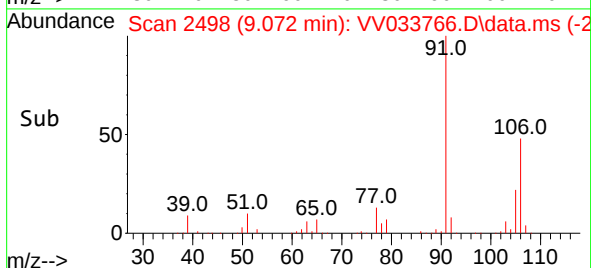
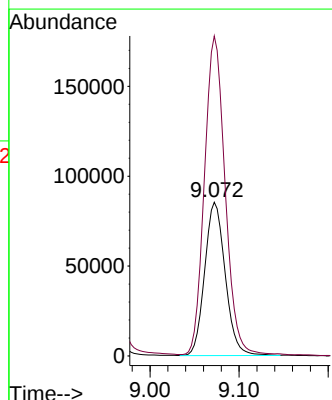
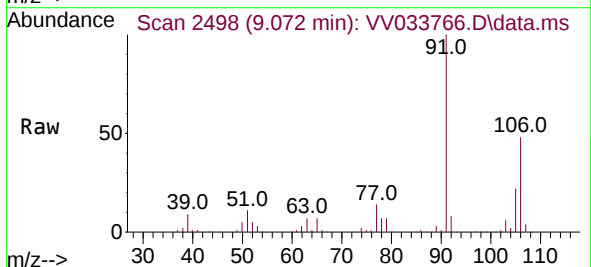
Instrument :
MSVOA_V
ClientSampleId :

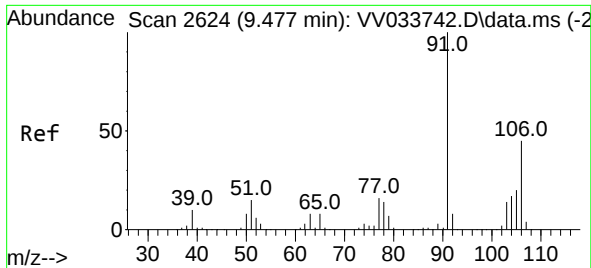
Tgt Ion: 91 Resp: 366294
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 48.784 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion:106 Resp: 136719
Ion Ratio Lower Upper
106 100
91 208.2 146.1 271.3

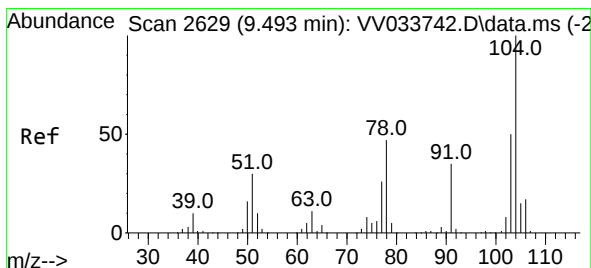
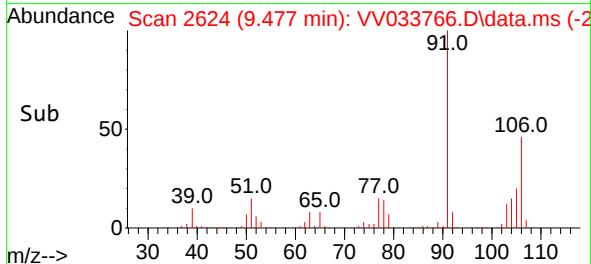
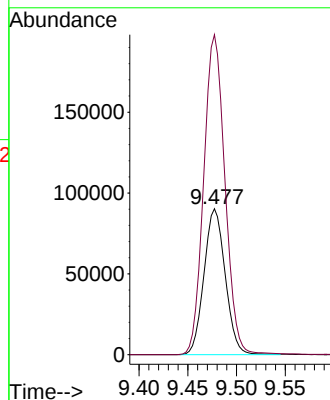
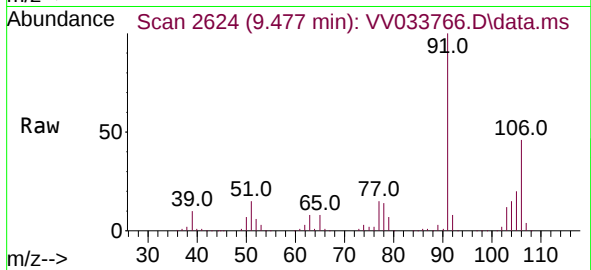




#54
o-Xylene
Concen: 49.360 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

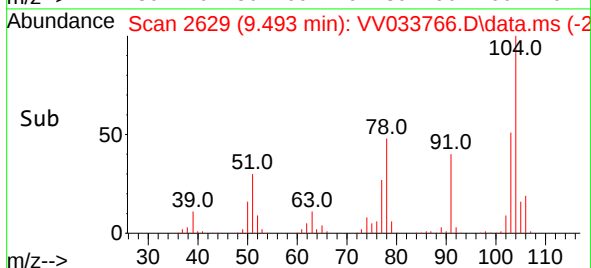
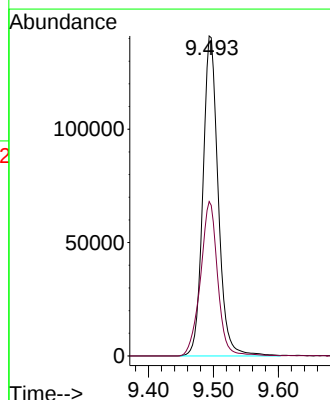
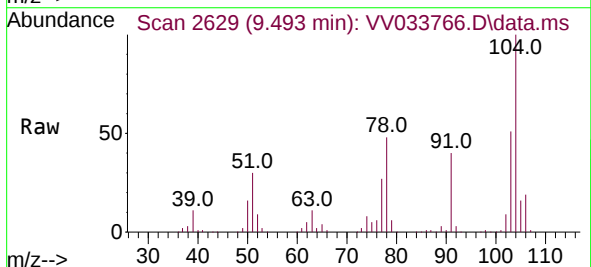
Instrument :
MSVOA_V
ClientSampleId :

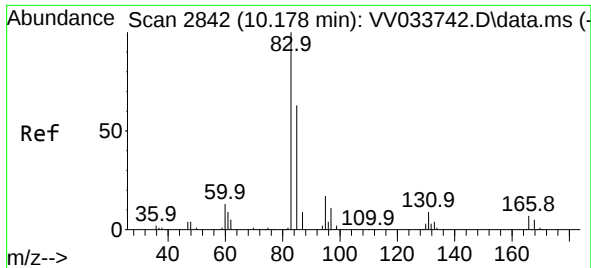
Tgt Ion:106 Resp: 136952
Ion Ratio Lower Upper
106 100
91 219.3 155.2 288.2



#55
Styrene
Concen: 48.382 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion:104 Resp: 231760
Ion Ratio Lower Upper
104 100
78 48.2 33.0 61.4

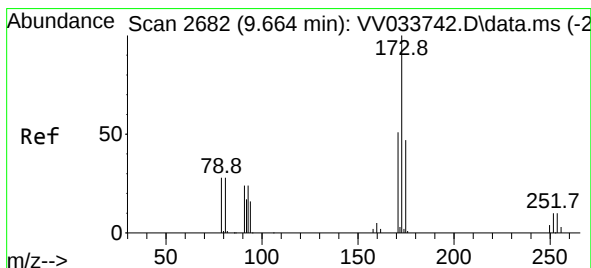
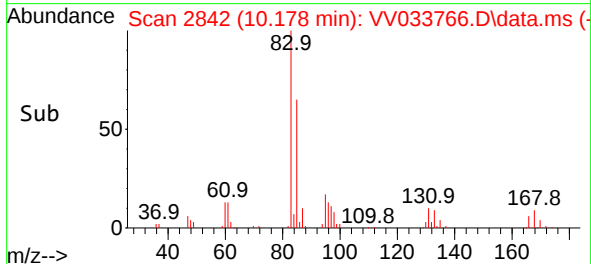
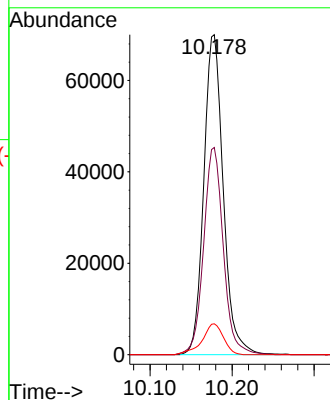
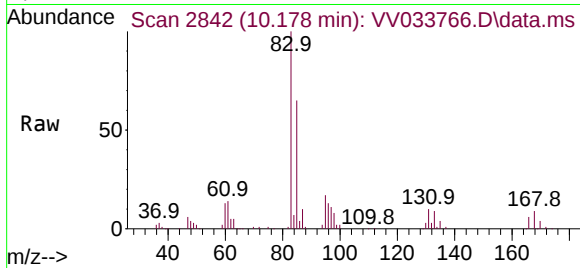




#57
1,1,2,2-Tetrachloroethane
Concen: 46.779 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

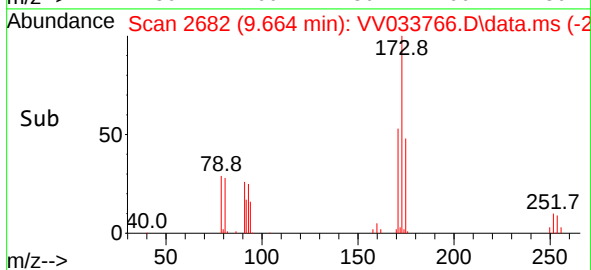
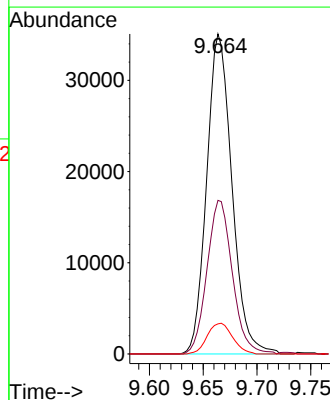
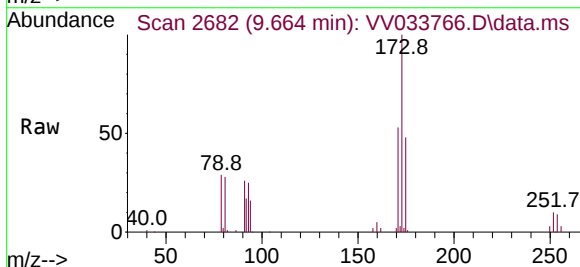
Instrument :
MSVOA_V
ClientSampleId :

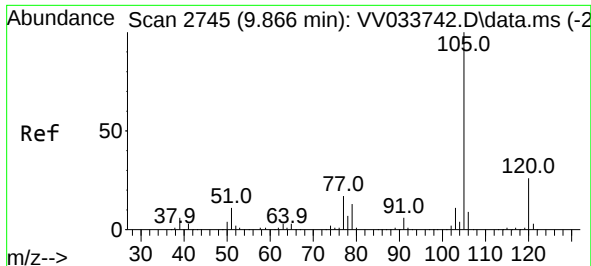
Tgt Ion: 83 Resp: 115247
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.5
131 9.7 7.5 11.3



#59
Bromoform
Concen: 49.131 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

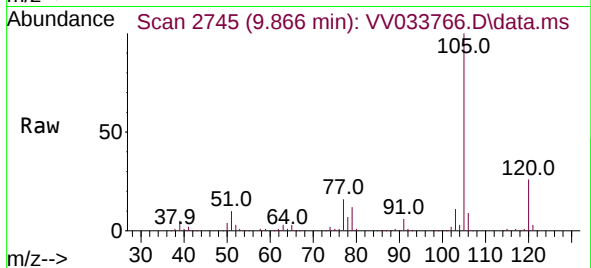
Tgt Ion: 173 Resp: 57394
Ion Ratio Lower Upper
173 100
175 48.1 37.2 55.8
254 9.6 7.4 11.0



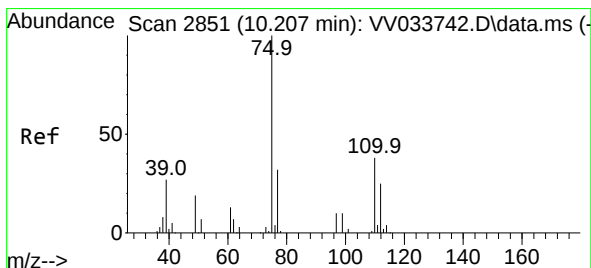
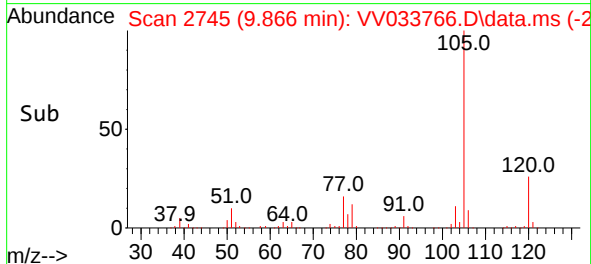
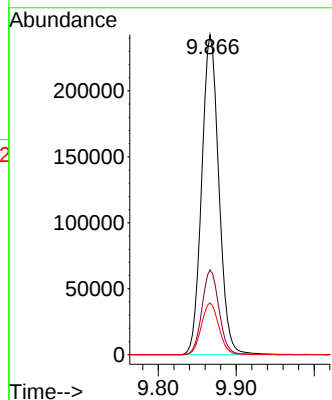


#60
Isopropylbenzene
Concen: 49.894 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Instrument :
MSVOA_V
ClientSampleId :

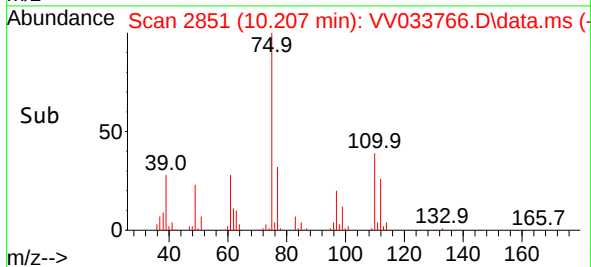
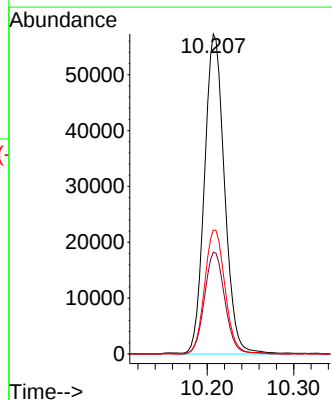
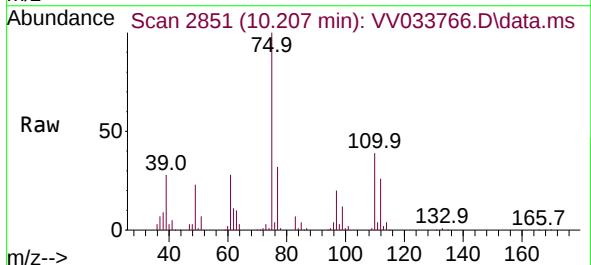


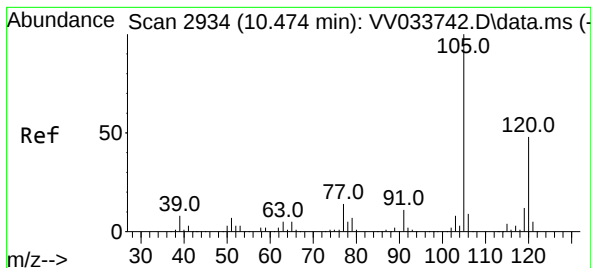
Tgt Ion:105 Resp: 371040
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 47.199 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion: 75 Resp: 92069
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 39.5 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 49.271 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

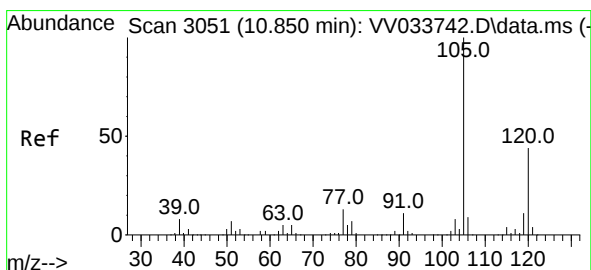
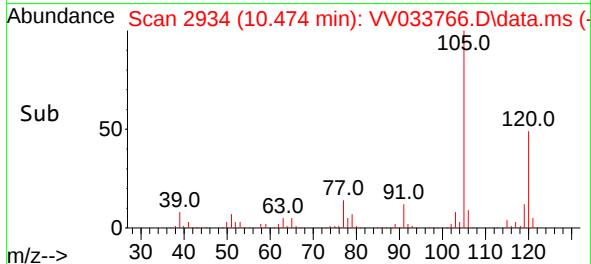
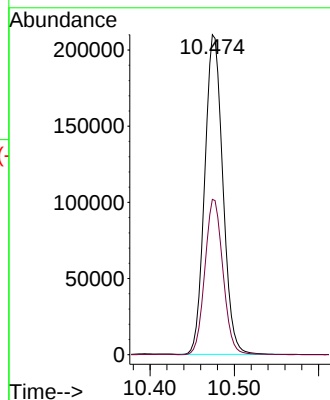
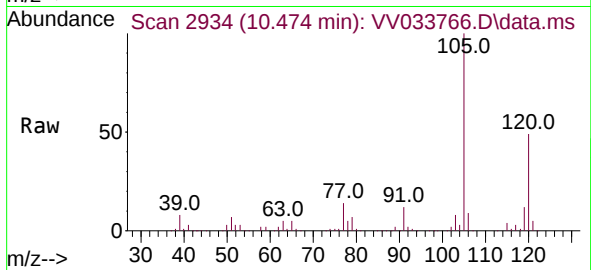
ClientSampleId :

Tgt Ion:105 Resp: 314379

Ion Ratio Lower Upper

105 100

120 48.6 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 49.765 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033766.D

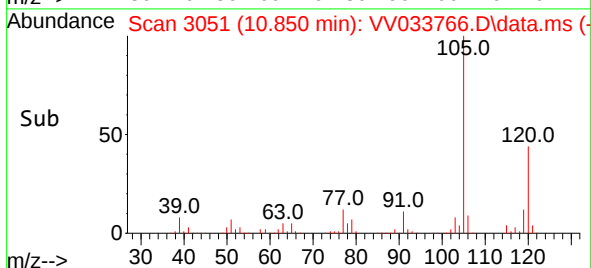
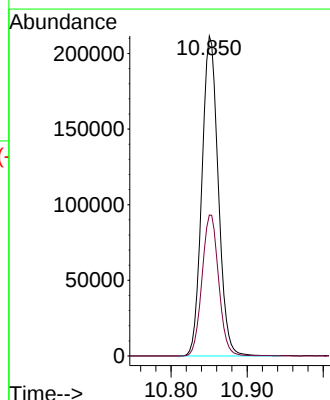
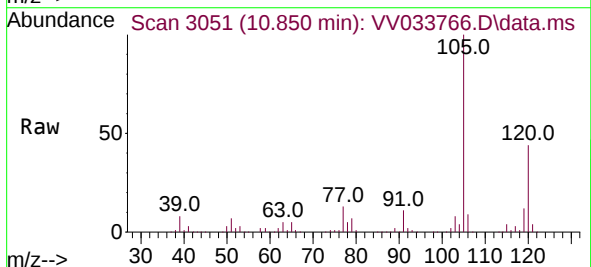
Acq: 19 Jan 2024 20:00

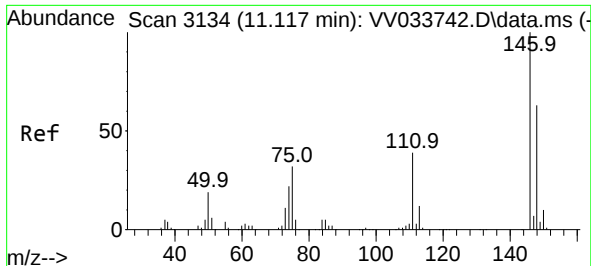
Tgt Ion:105 Resp: 316386

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0

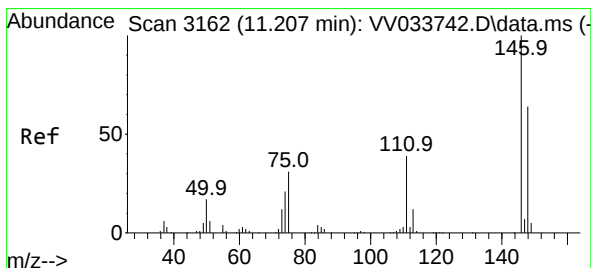
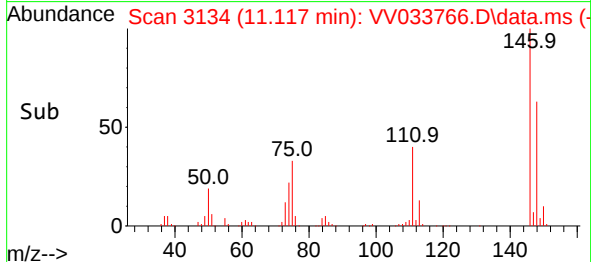
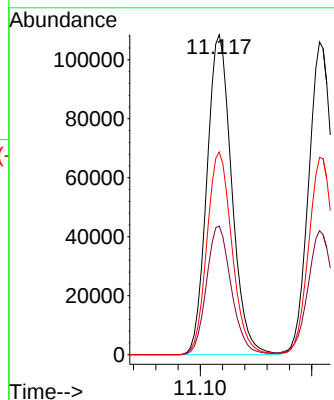
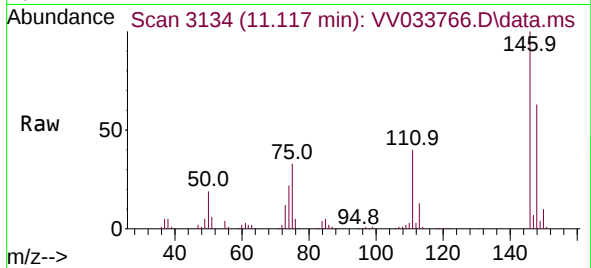




#64
1,3-Dichlorobenzene
Concen: 50.113 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

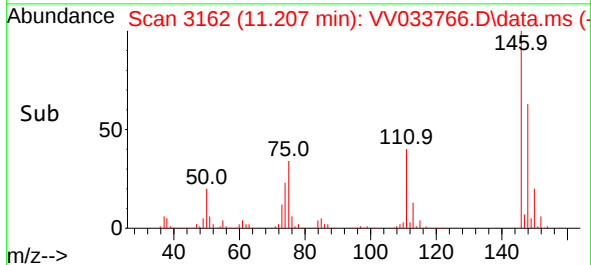
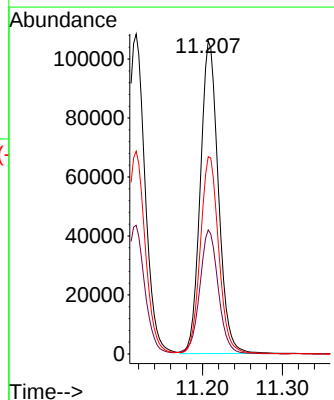
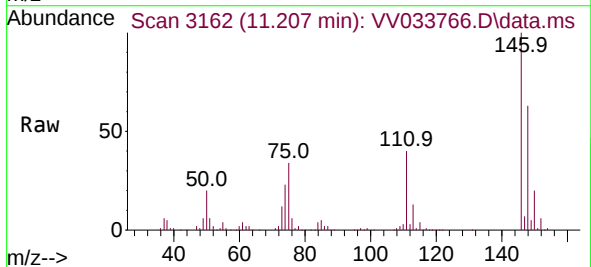
Instrument :
MSVOA_V
ClientSampleId :

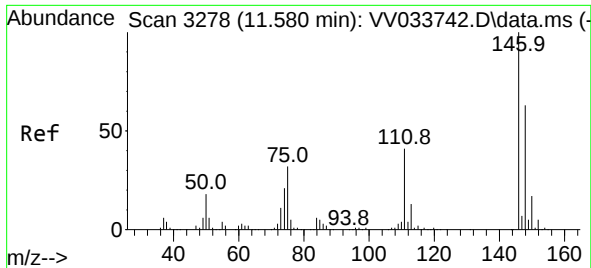
Tgt Ion:146 Resp: 168331
Ion Ratio Lower Upper
146 100
111 40.2 29.0 53.8
148 63.3 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 49.389 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion:146 Resp: 166348
Ion Ratio Lower Upper
146 100
111 39.7 27.7 51.5
148 63.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 50.995 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

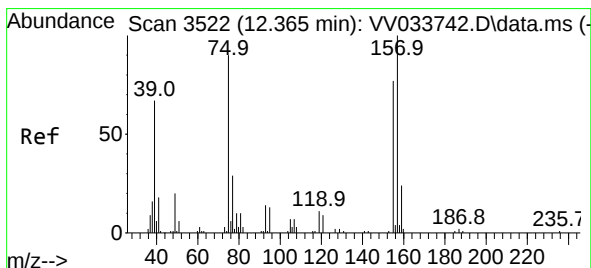
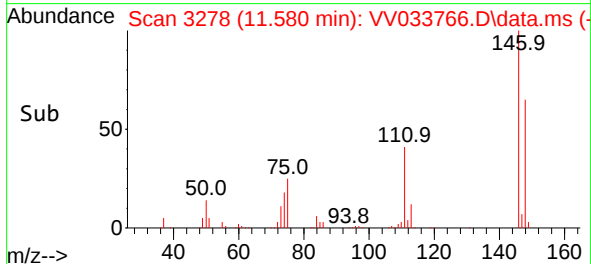
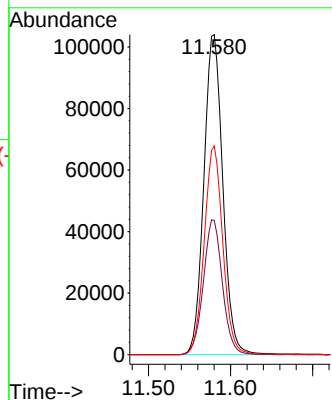
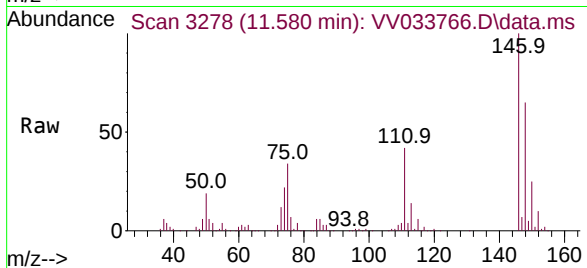
Tgt Ion:146 Resp: 167374

Ion Ratio Lower Upper

146 100

111 42.0 35.4 53.0

148 65.2 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 45.866 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

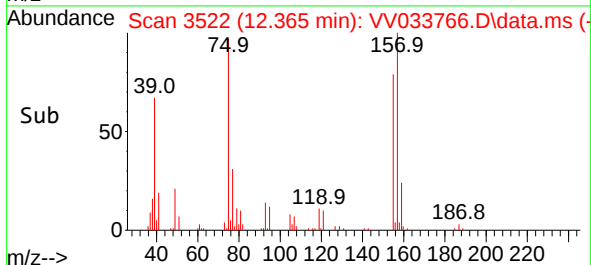
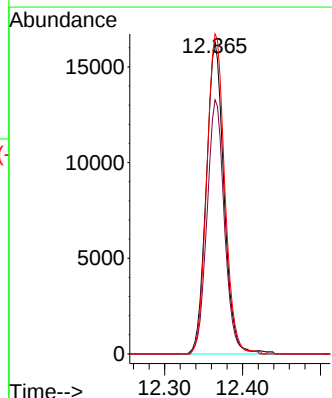
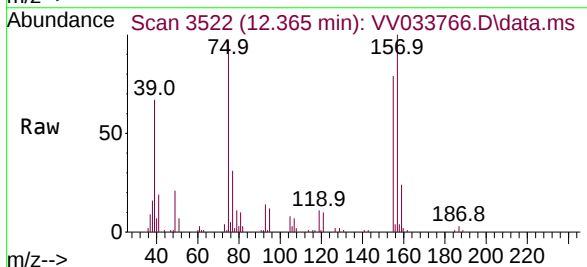
Tgt Ion: 75 Resp: 25818

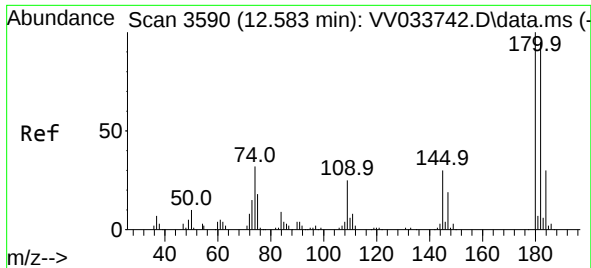
Ion Ratio Lower Upper

75 100

155 81.6 61.6 92.4

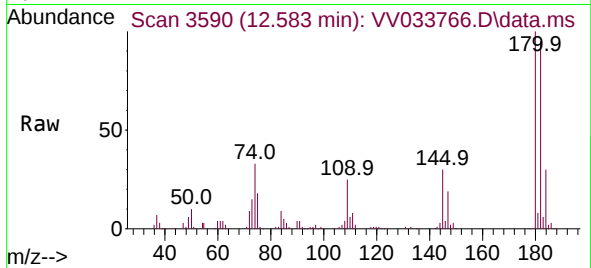
157 102.7 79.2 118.8



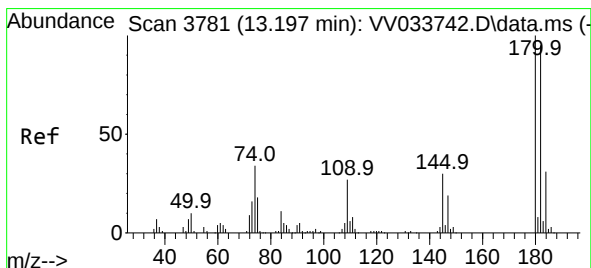
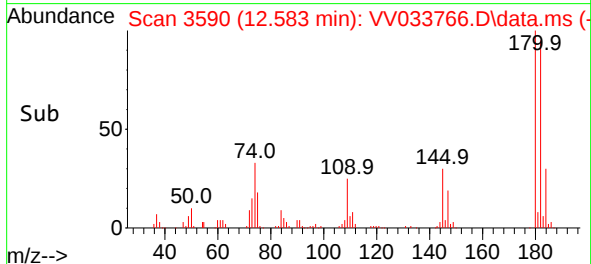
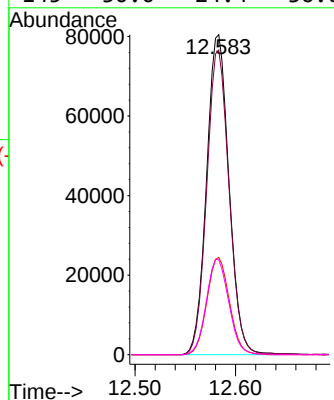


#69
1,3,5-Trichlorobenzene
Concen: 50.197 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Instrument :
MSVOA_V
ClientSampleId :

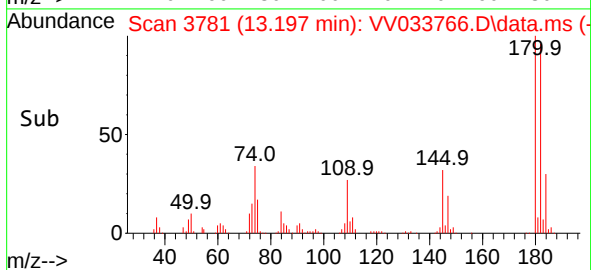
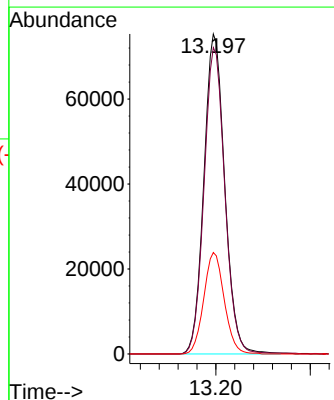
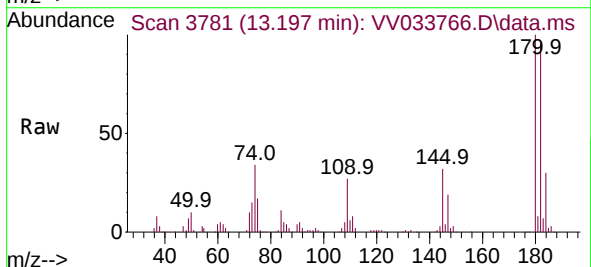


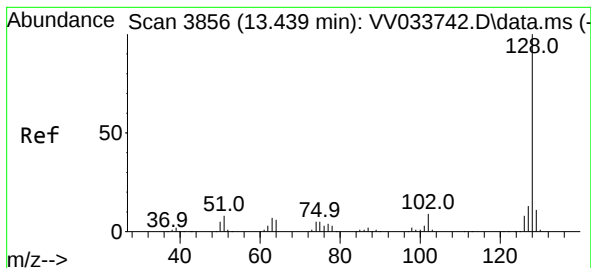
Tgt Ion:180 Resp: 124600
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
184 30.4 23.9 35.9
145 30.0 24.4 36.6



#70
1,2,4-trichlorobenzene
Concen: 51.223 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033766.D
Acq: 19 Jan 2024 20:00

Tgt Ion:180 Resp: 115403
Ion Ratio Lower Upper
180 100
182 95.3 76.3 114.5
145 31.1 25.4 38.0





#71

Naphthalene

Concen: 51.305 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Instrument :

MSVOA_V

ClientSampleId :

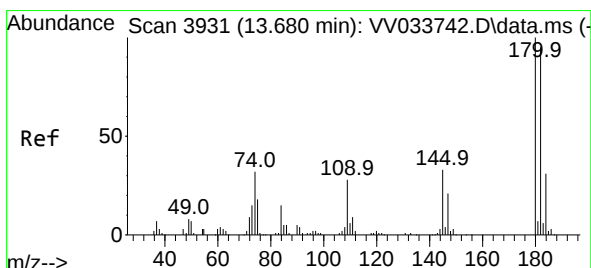
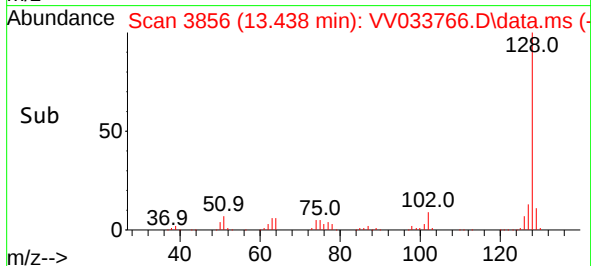
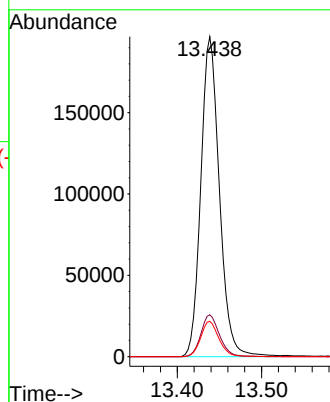
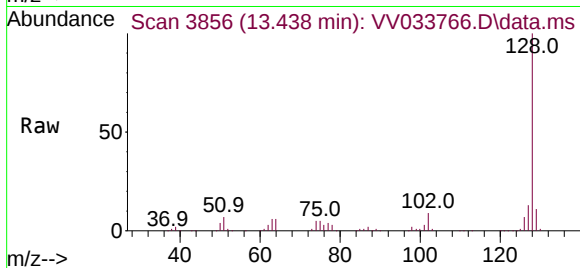
Tgt Ion:128 Resp: 302039

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.883 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033766.D

Acq: 19 Jan 2024 20:00

Tgt Ion:180 Resp: 111206

Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 32.5 26.3 39.5

