

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120523\
 Data File : VW033106.D
 Acq On : 05 Dec 2023 15:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 01:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	322410	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74596	38.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.400%
7) Chloroethane-d5	1.529	69	59388	44.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.440%
11) 1,1-Dichloroethene-d2	2.060	65	29601	40.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.740%
21) 2-Butanone-d5	3.773	46	99132	103.555	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.560%
24) Chloroform-d	4.243	84	197909	48.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
26) 1,2-Dichloroethane-d4	4.937	65	126730	49.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	4.957	84	343384	45.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
36) 1,2-Dichloropropane-d6	5.985	67	102615	50.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	7.239	98	319837	44.768	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.540%
43) trans-1,3-Dichloroprop...	7.548	79	58895	46.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
47) 2-Hexanone-d5	8.021	63	82349	101.795	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	153091	53.481	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	153433	46.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	137327	38.967	ug/L	99
3) Chloromethane	1.214	50	117270	50.453	ug/L	99
5) Vinyl chloride	1.281	62	97587	43.777	ug/L	95
6) Bromomethane	1.484	94	72474	49.825	ug/L	97
8) Chloroethane	1.548	64	56236	47.385	ug/L	96
9) Trichlorofluoromethane	1.712	101	151044	41.063	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	73010	42.268	ug/L	99
12) 1,1-Dichloroethene	2.069	96	73410	45.416	ug/L	94
13) Acetone	2.108	43	68137	74.558	ug/L	97
14) Carbon disulfide	2.240	76	245143	42.272	ug/L	99
15) Methyl Acetate	2.365	43	79852	52.425	ug/L	100
16) Methylene chloride	2.445	84	109632	51.221	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	100623	47.413	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	339128	52.602	ug/L	99
19) 1,1-Dichloroethane	3.108	63	172423	49.087	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	115288	51.196	ug/L	97
22) 2-Butanone	3.854	43	97608	83.927	ug/L	99
23) Bromochloromethane	4.140	128	65274	50.482	ug/L	99
25) Chloroform	4.268	83	203740	50.434	ug/L	96

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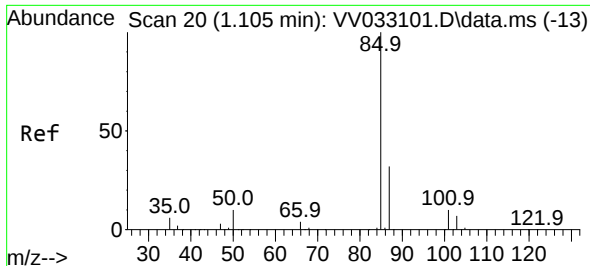
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	163921	51.350	ug/L	99
29) Cyclohexane	4.580	56	116592	39.420	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	179977	45.477	ug/L	99
31) Carbon tetrachloride	4.731	117	156743	42.596	ug/L	99
33) Benzene	5.005	78	397784	49.020	ug/L	100
34) Trichloroethene	5.828	95	107544	44.361	ug/L	98
35) Methylcyclohexane	6.050	83	142242	40.427	ug/L	100
37) 1,2-Dichloropropane	6.088	63	94391	50.262	ug/L	99
38) Bromodichloromethane	6.429	83	154742	51.110	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	175375	51.464	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	205578	103.099	ug/L	99
42) Toluene	7.313	91	439614	48.076	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	177081	51.389	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	112636	51.727	ug/L	99
46) Tetrachloroethene	7.902	164	90513	43.432	ug/L	97
48) 2-Hexanone	8.069	43	150137	90.815	ug/L	98
49) Dibromochloromethane	8.175	129	134649	51.800	ug/L	100
50) 1,2-Dibromoethane	8.278	107	118789	51.169	ug/L	99
51) Chlorobenzene	8.812	112	298954	46.491	ug/L	99
52) Ethylbenzene	8.944	91	470684	44.719	ug/L	99
53) m,p-Xylene	9.072	106	187182	44.907	ug/L	94
54) o-Xylene	9.477	106	188709	45.881	ug/L	98
55) Styrene	9.493	104	340622	47.872	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	155380	52.228	ug/L	99
59) Bromoform	9.664	173	106477	52.635	ug/L	98
60) Isopropylbenzene	9.866	105	485216	45.148	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	118993	51.198	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	397571	45.915	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	419519	46.522	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	266276	46.376	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	270804	45.405	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	265498	47.167	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	35113	49.236	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	199280	43.330	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	189688	44.643	ug/L	100
71) Naphthalene	13.439	128	472215	45.570	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	188207	45.904	ug/L	99

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

Instrument :
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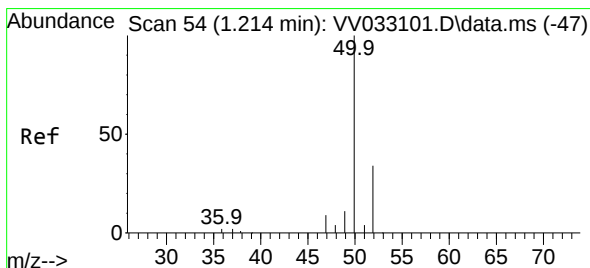
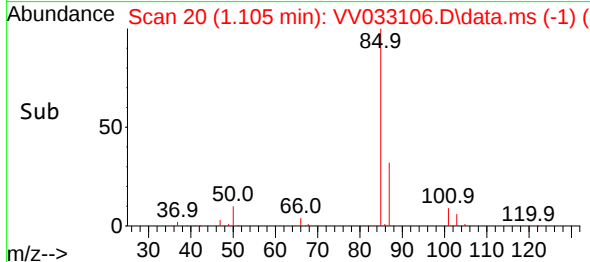
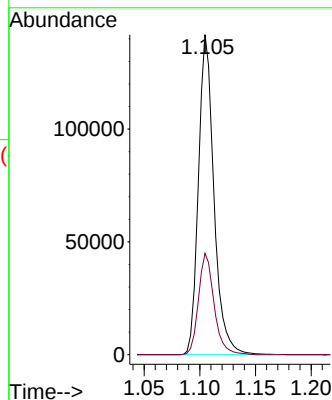
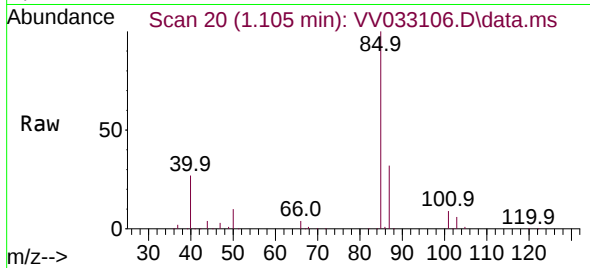
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#2
Dichlorodifluoromethane
Concen: 38.967 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

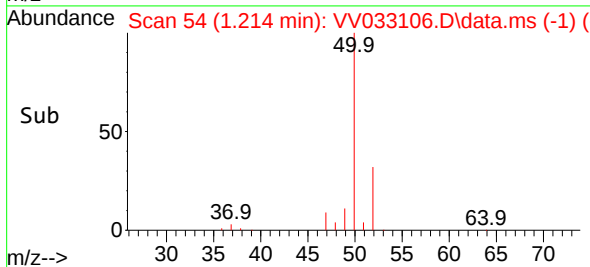
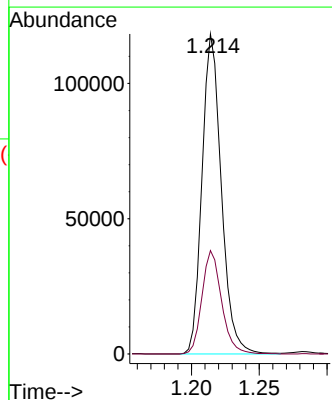
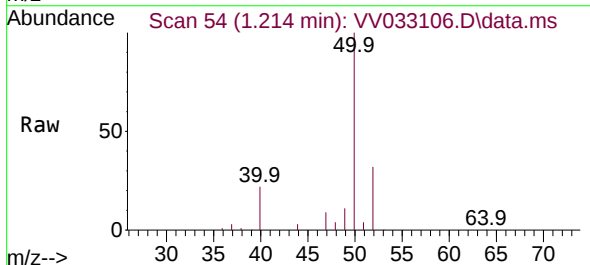
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MSVOA_V
ClientSampleId :

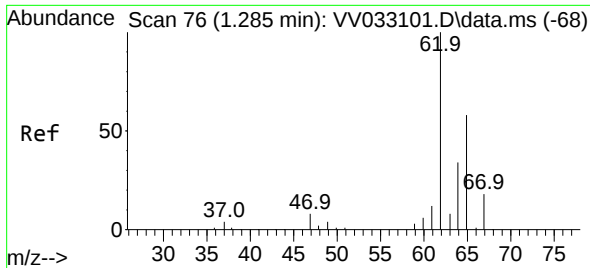
Tgt Ion: 85 Resp: 137327
Ion Ratio Lower Upper
85 100
87 31.8 26.0 39.0



#3
Chloromethane
Concen: 50.453 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

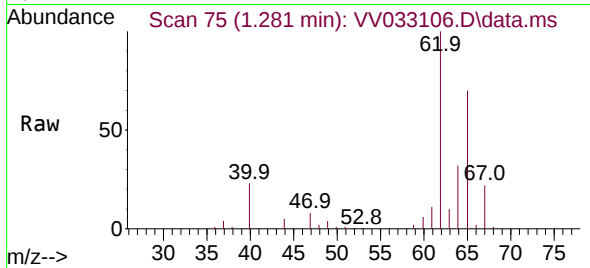
Tgt Ion: 50 Resp: 117270
Ion Ratio Lower Upper
50 100
52 32.3 22.8 42.4



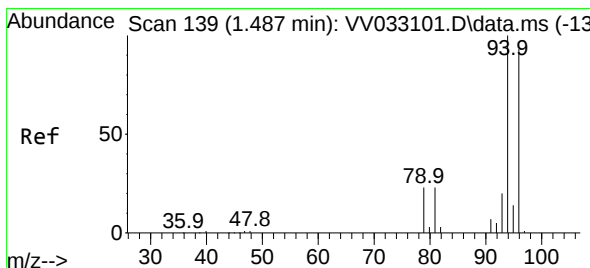
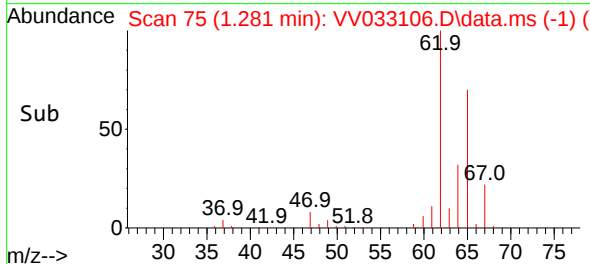
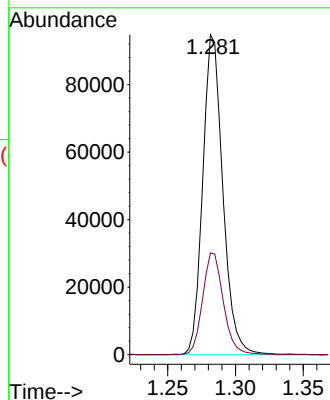


#5
 Vinyl chloride
 Concen: 43.777 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV033106.D
 Acq: 05 Dec 2023 15:10

Instrument :
 MSVOA_V
 ClientSampleId :

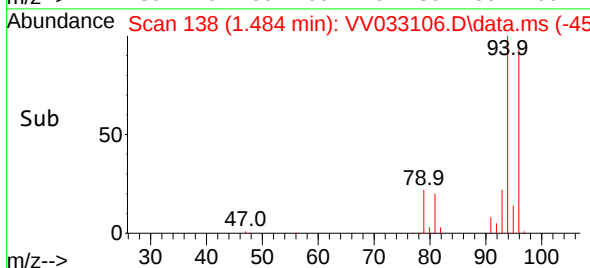
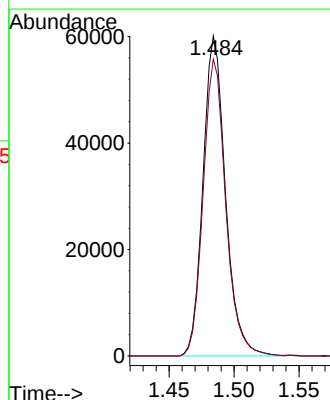
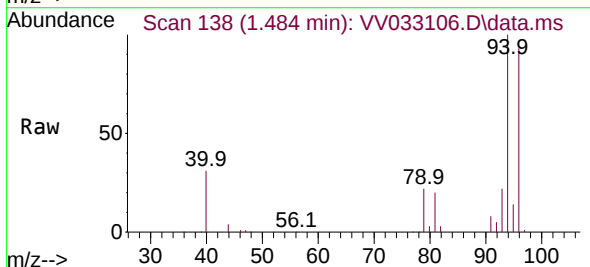


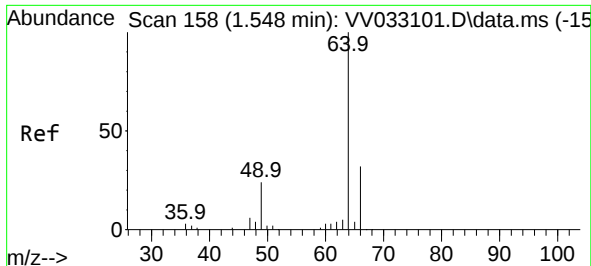
Tgt Ion: 62 Resp: 97587
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.2 45.0



#6
 Bromomethane
 Concen: 49.825 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV033106.D
 Acq: 05 Dec 2023 15:10

Tgt Ion: 94 Resp: 72474
 Ion Ratio Lower Upper
 94 100
 96 92.7 67.1 124.7

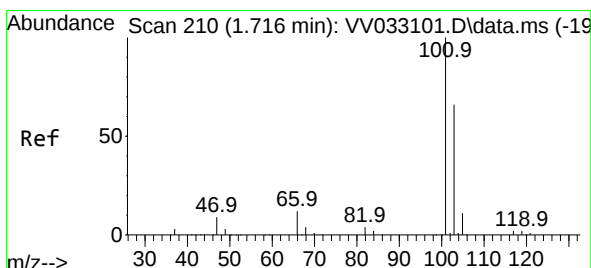
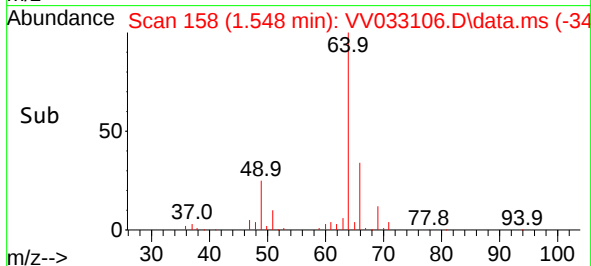
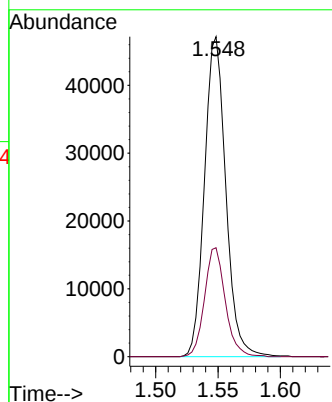
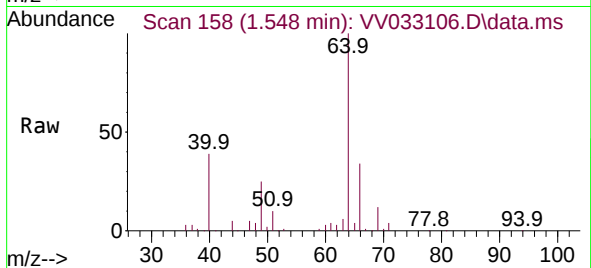




#8
Chloroethane
Concen: 47.385 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

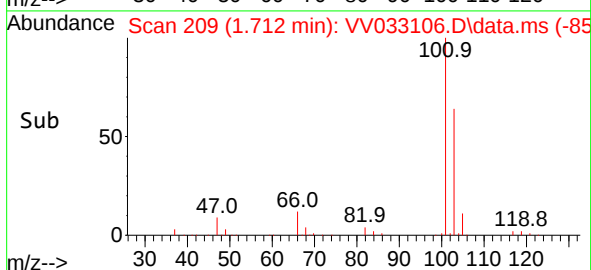
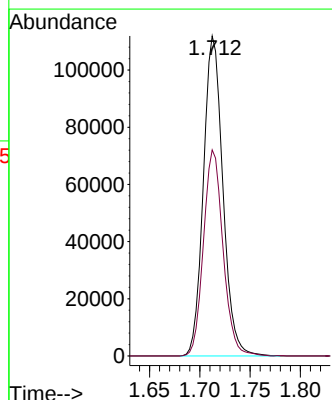
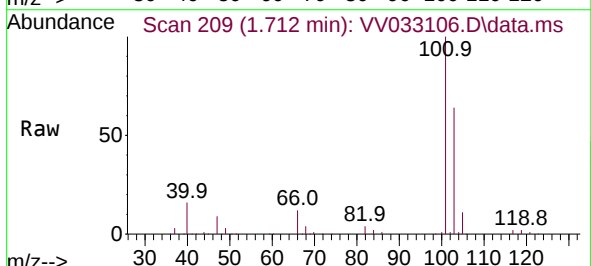
Instrument :
MSVOA_V
ClientSampleId :

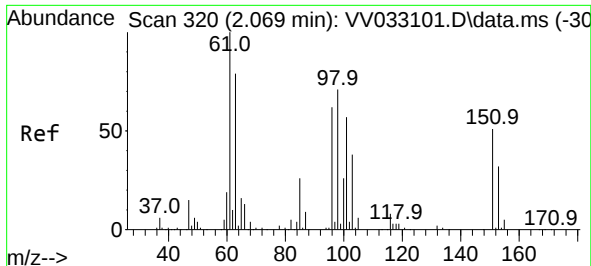
Tgt Ion: 64 Resp: 56236
Ion Ratio Lower Upper
64 100
66 34.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 41.063 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion:101 Resp: 151044
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9





#10

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

Concen: 42.268 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

ClientSampleId :

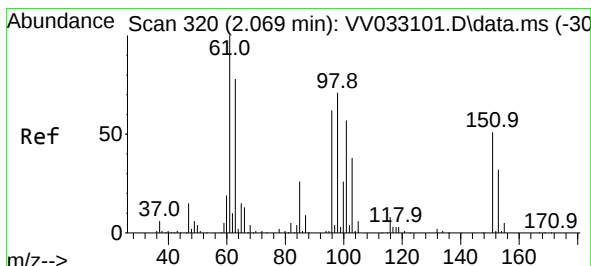
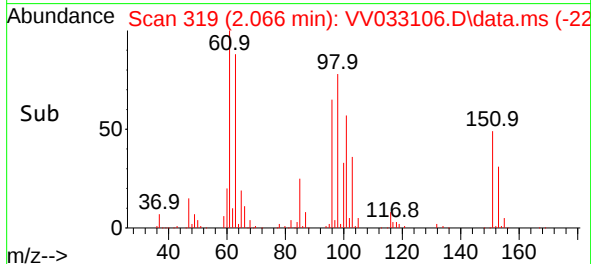
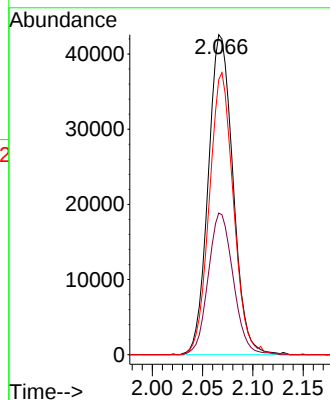
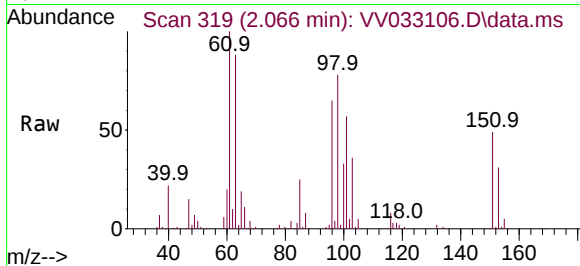
Tgt Ion:101 Resp: 73010

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

151 85.3 69.1 103.7



#12

1,1-Dichloroethene

Concen: 45.416 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

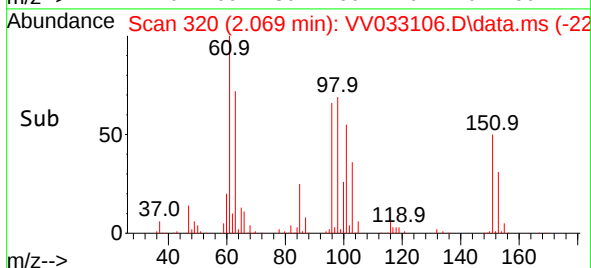
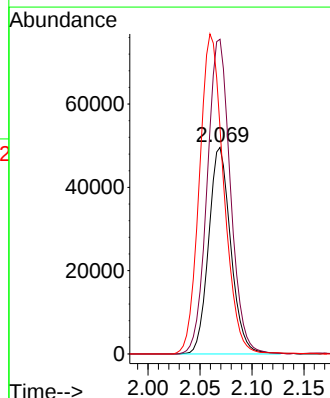
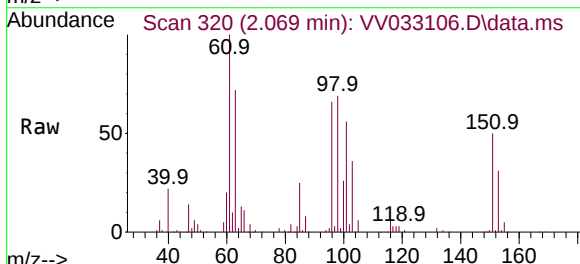
Tgt Ion: 96 Resp: 73410

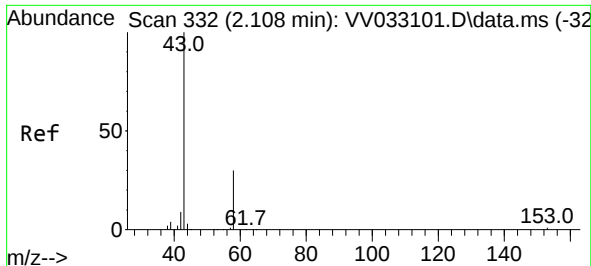
Ion Ratio Lower Upper

96 100

61 152.4 109.1 202.7

63 109.4 85.3 158.3





#13

Acetone

Concen: 74.558 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

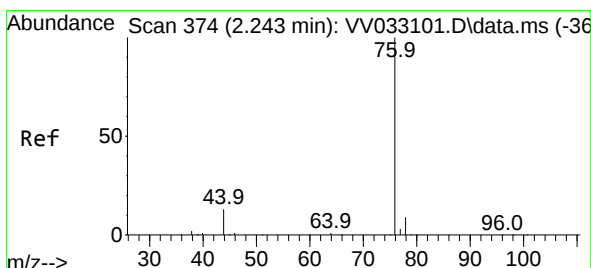
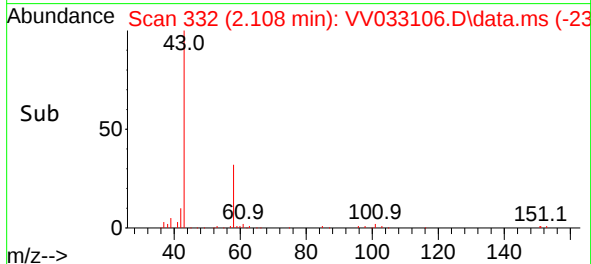
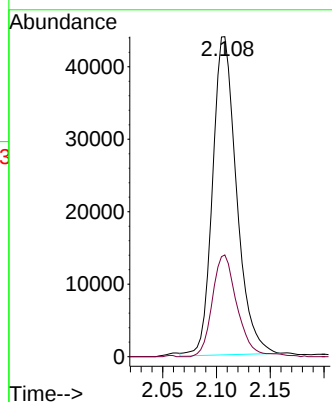
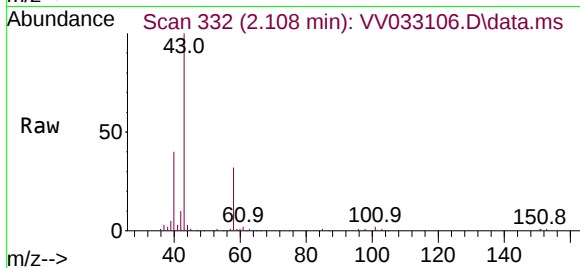
ClientSampleId :

Tgt Ion: 43 Resp: 68137

Ion Ratio Lower Upper

43 100

58 33.2 0.0 62.8



#14

Carbon disulfide

Concen: 42.272 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033106.D

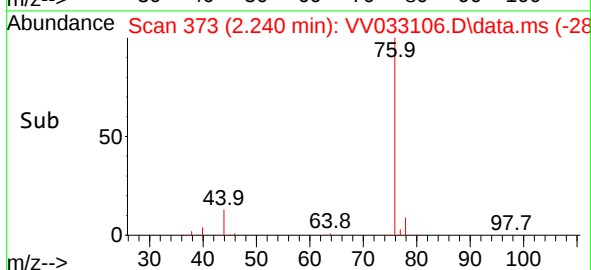
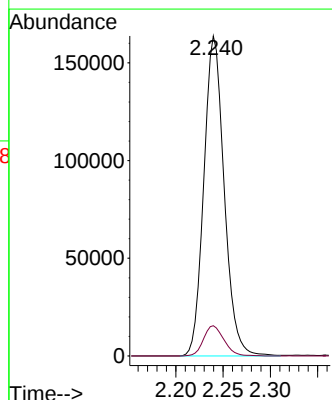
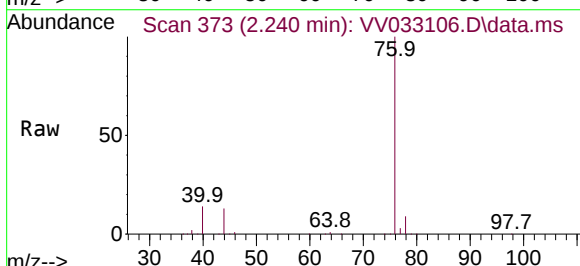
Acq: 05 Dec 2023 15:10

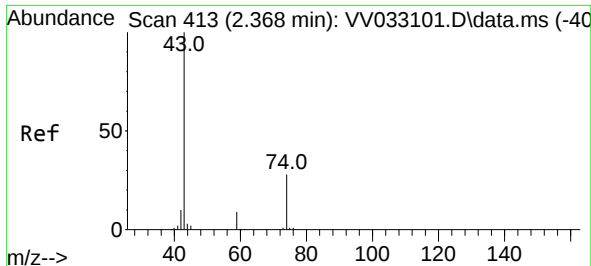
Tgt Ion: 76 Resp: 245143

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

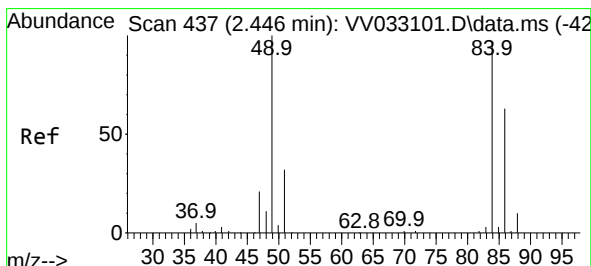
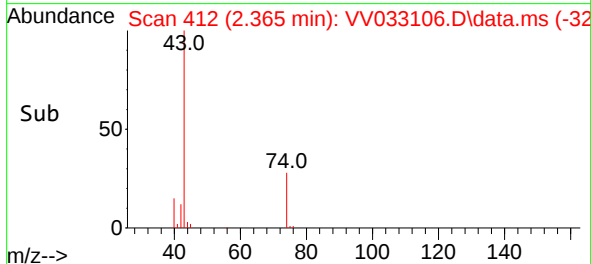
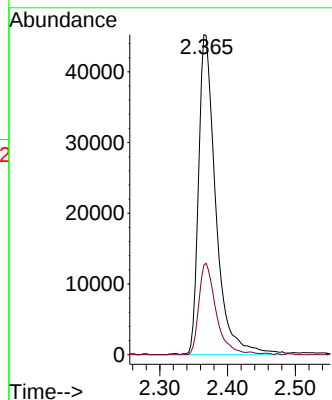
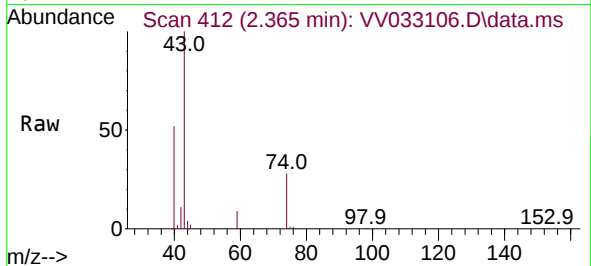




#15
Methyl Acetate
Concen: 52.425 ug/L
RT: 2.365 min Scan# 413
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

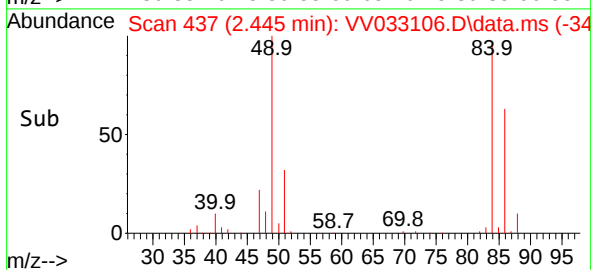
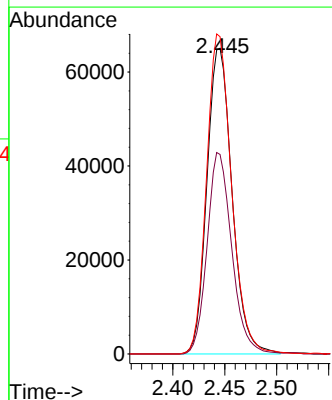
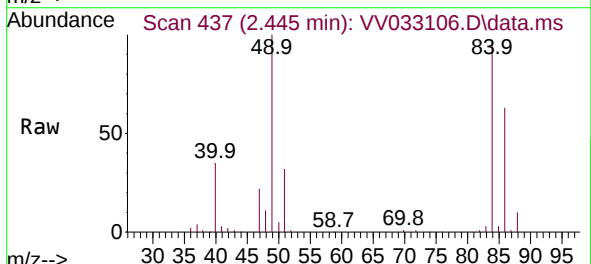
Instrument :
MSVOA_V
ClientSampleId :

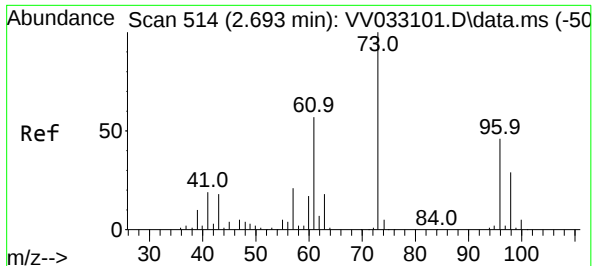
Tgt Ion: 43 Resp: 79852
Ion Ratio Lower Upper
43 100
74 28.2 22.6 33.8



#16
Methylene chloride
Concen: 51.221 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 84 Resp: 109632
Ion Ratio Lower Upper
84 100
86 65.3 45.9 85.3
49 103.8 75.5 140.1

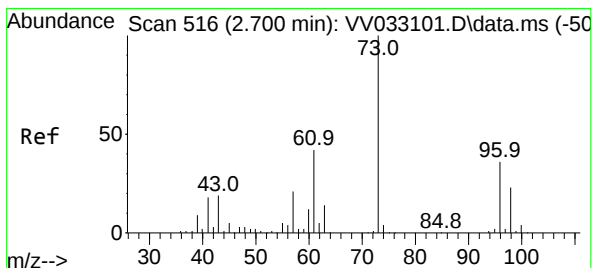
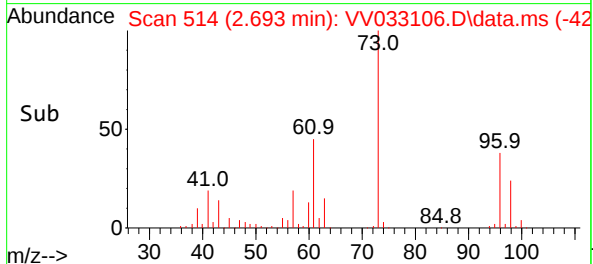
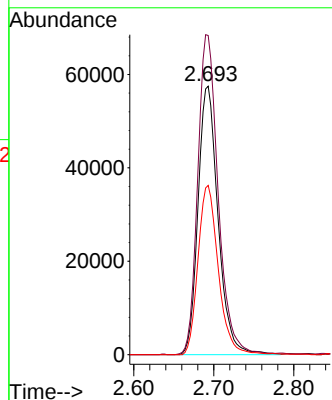
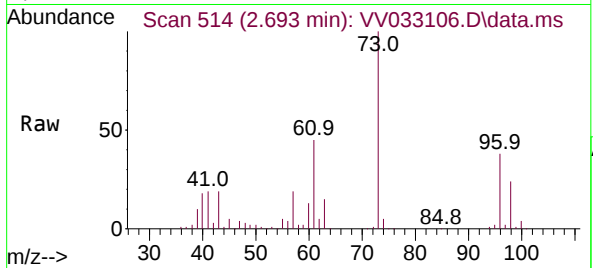




#17
trans-1,2-Dichloroethene
Concen: 47.413 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

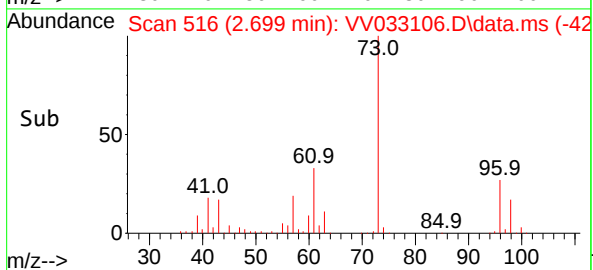
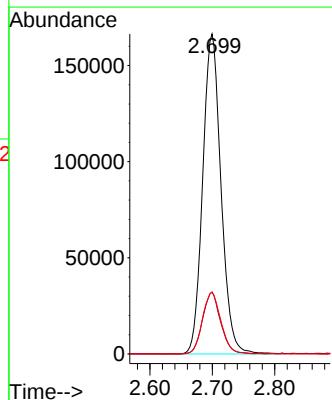
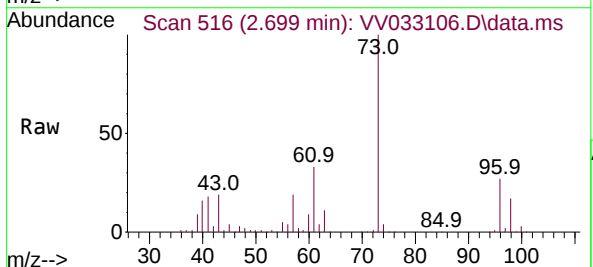
Instrument :
MSVOA_V
ClientSampleId :

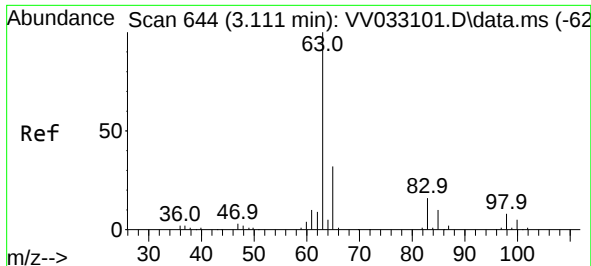
Tgt Ion: 96 Resp: 100623
Ion Ratio Lower Upper
96 100
61 118.9 86.5 160.6
98 63.0 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 52.602 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 73 Resp: 339128
Ion Ratio Lower Upper
73 100
43 18.8 15.4 23.2
57 19.5 16.1 24.1





#19

1,1-Dichloroethane

Concen: 49.087 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

ClientSampleId :

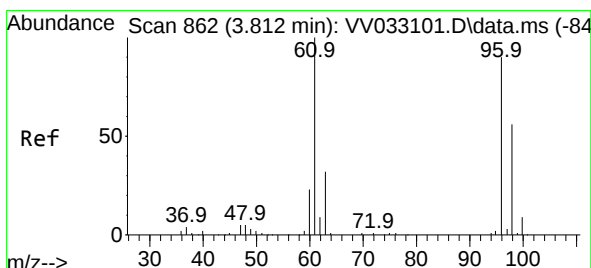
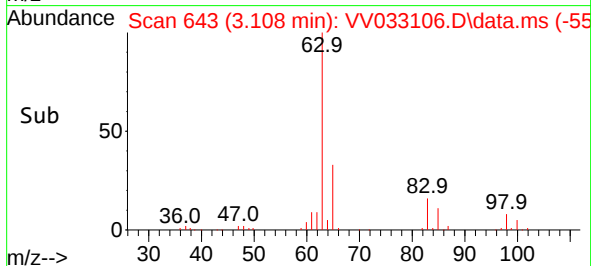
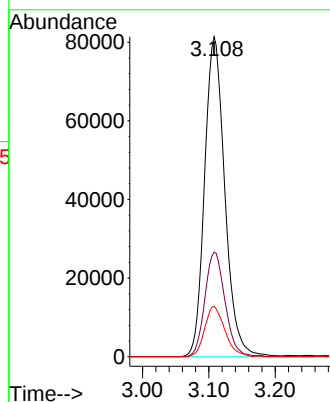
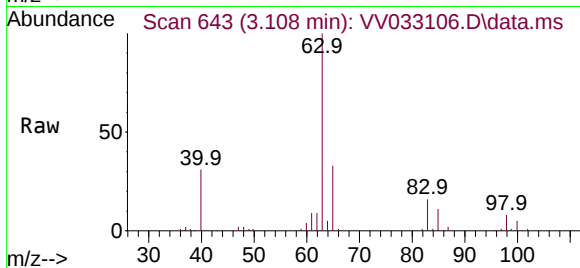
Tgt Ion: 63 Resp: 172423

Ion Ratio Lower Upper

63 100

65 32.7 23.0 42.6

83 15.7 11.4 21.2



#20

cis-1,2-Dichloroethene

Concen: 51.196 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

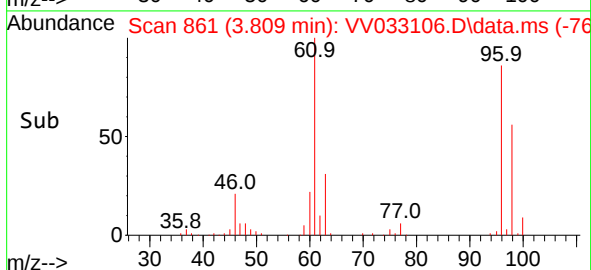
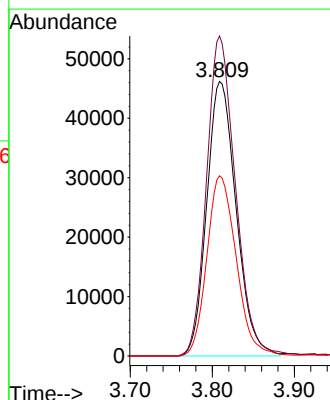
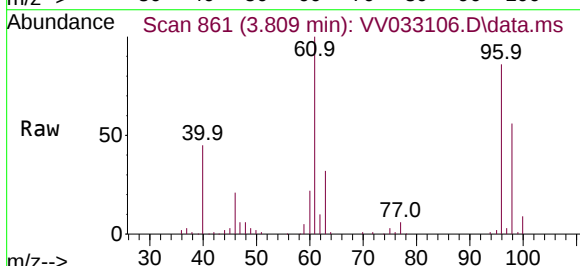
Tgt Ion: 96 Resp: 115288

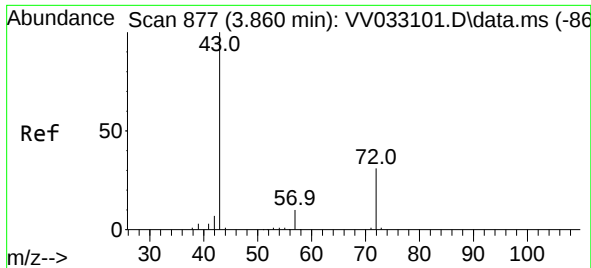
Ion Ratio Lower Upper

96 100

61 116.6 79.1 146.9

98 65.7 45.1 83.7

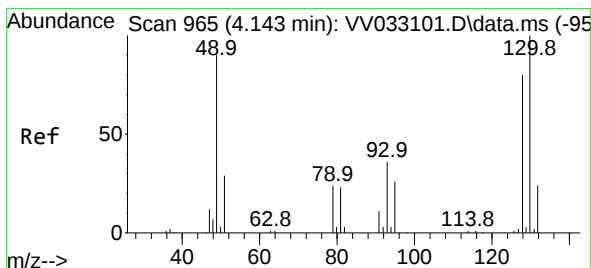
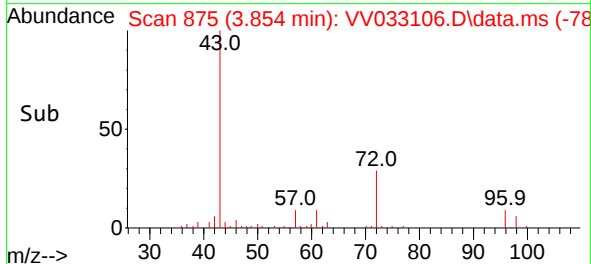
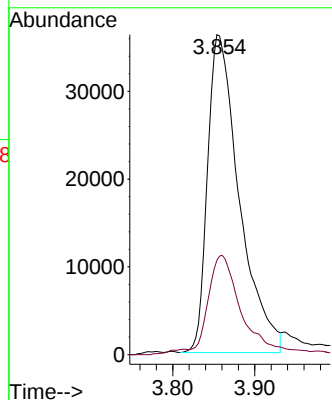
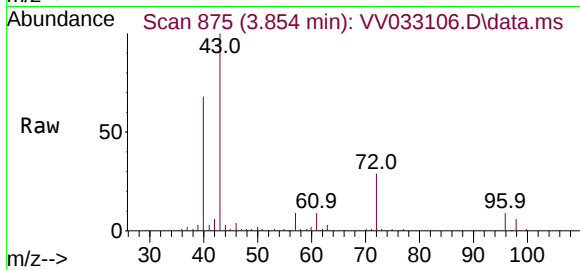




#22
2-Butanone
Concen: 83.927 ug/L
RT: 3.854 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

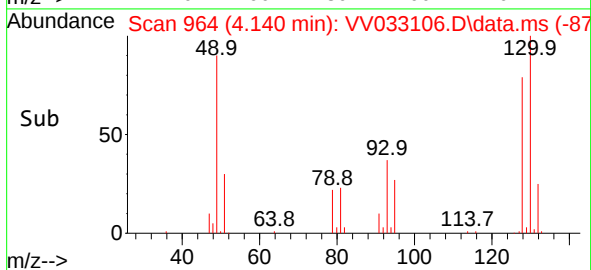
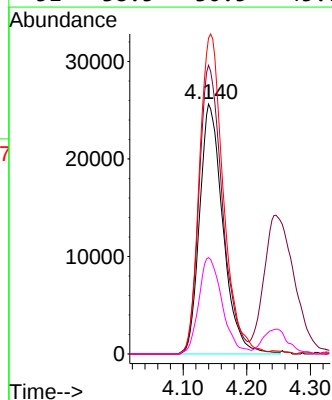
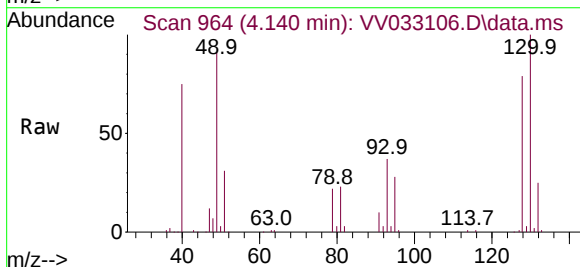
Instrument :
MSVOA_V
ClientSampleId :

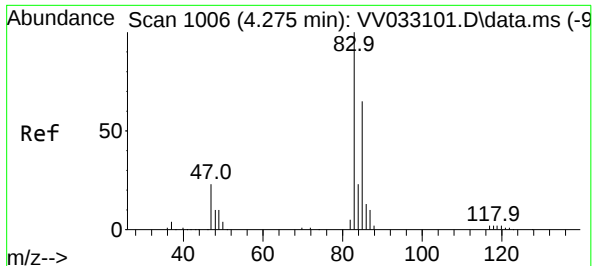
Tgt Ion: 43 Resp: 97608
Ion Ratio Lower Upper
43 100
72 29.6 14.6 43.8



#23
Bromochloromethane
Concen: 50.482 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 128 Resp: 65274
Ion Ratio Lower Upper
128 100
49 115.5 81.7 151.7
130 126.4 90.1 167.3
51 38.5 30.5 45.7





#25

Chloroform

Concen: 50.434 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

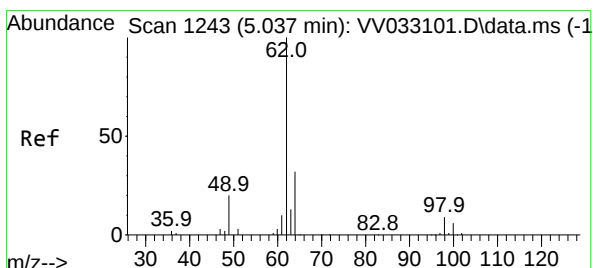
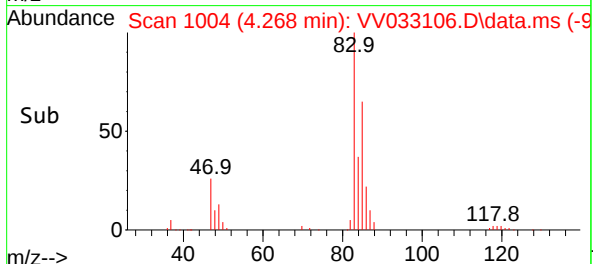
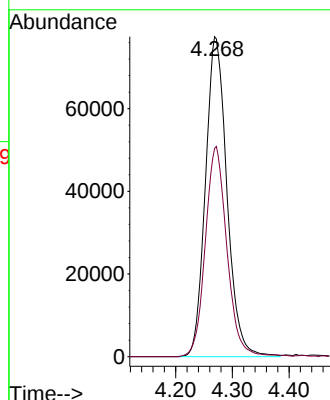
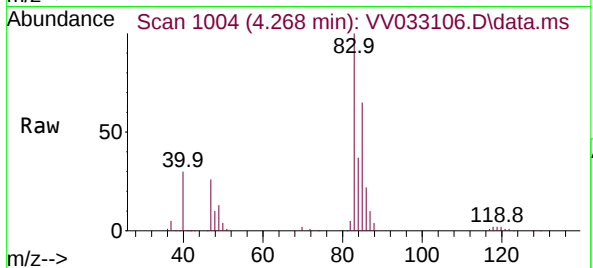
ClientSampleId :

Tgt Ion: 83 Resp: 203740

Ion Ratio Lower Upper

83 100

85 65.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 51.350 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV033106.D

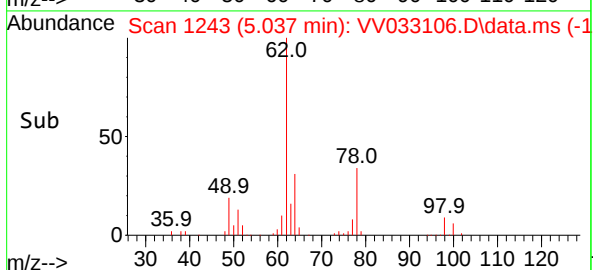
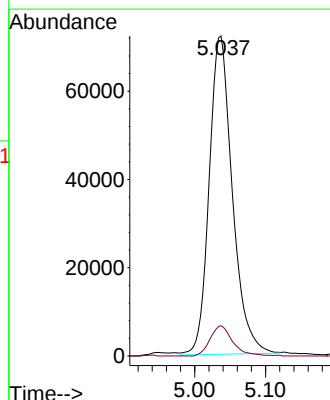
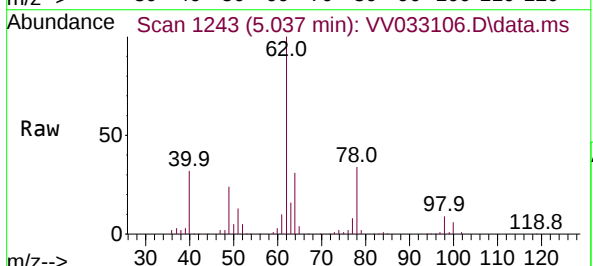
Acq: 05 Dec 2023 15:10

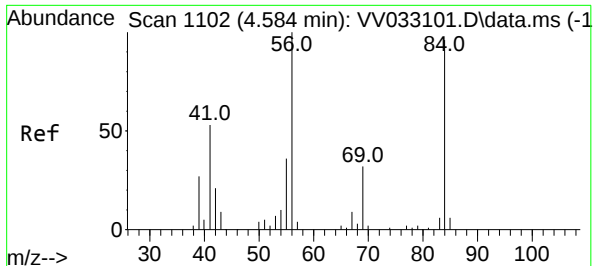
Tgt Ion: 62 Resp: 163921

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

Cyclohexane

Concen: 39.420 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

ClientSampleId :

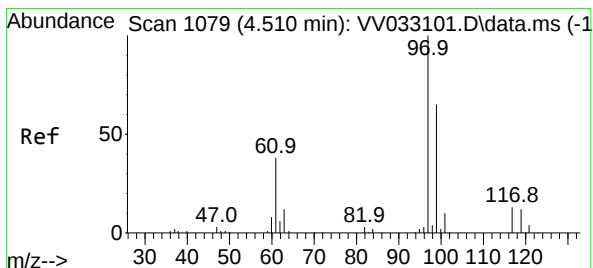
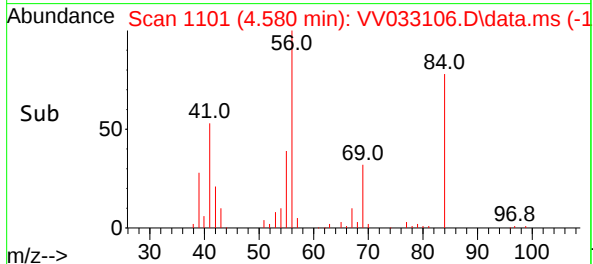
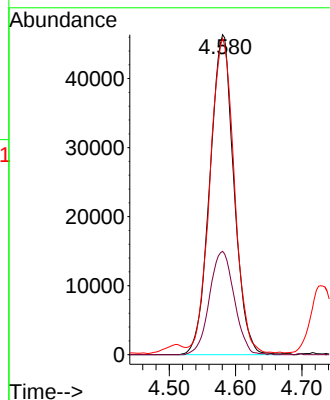
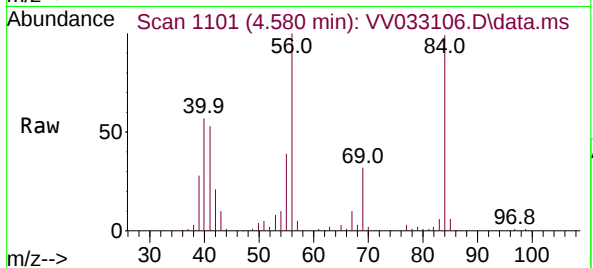
Tgt Ion: 56 Resp: 116592

Ion Ratio Lower Upper

56 100

69 33.2 26.9 40.3

84 100.1 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 45.477 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

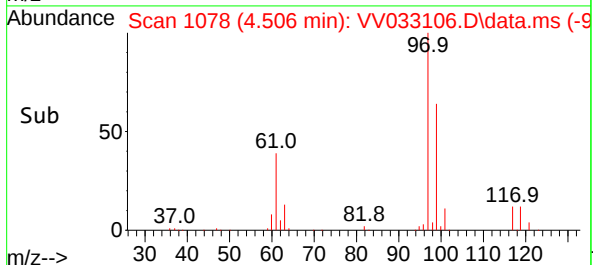
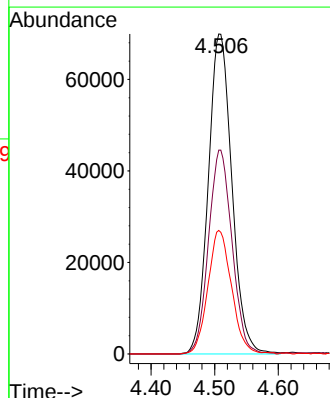
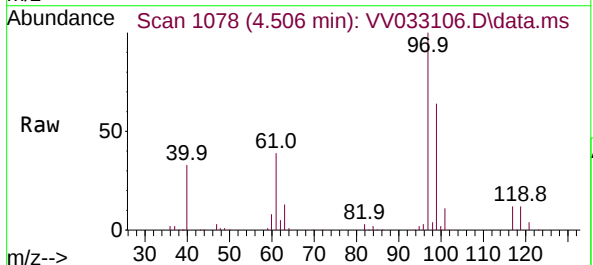
Tgt Ion: 97 Resp: 179977

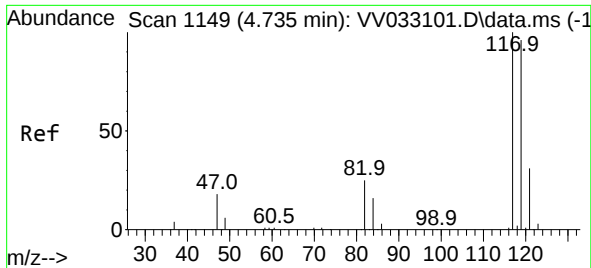
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 38.6 31.8 47.8

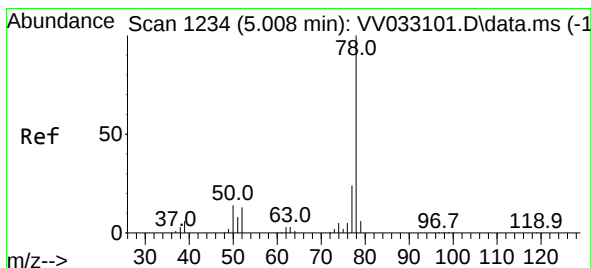
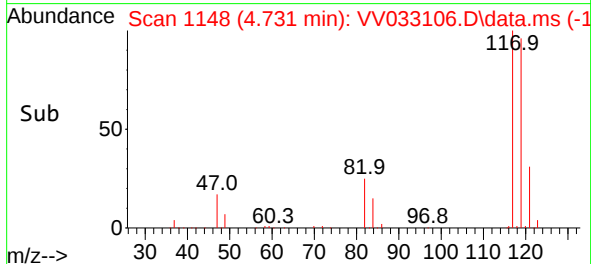
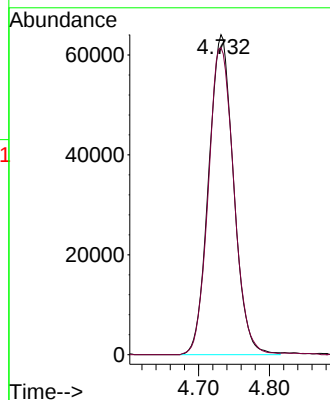
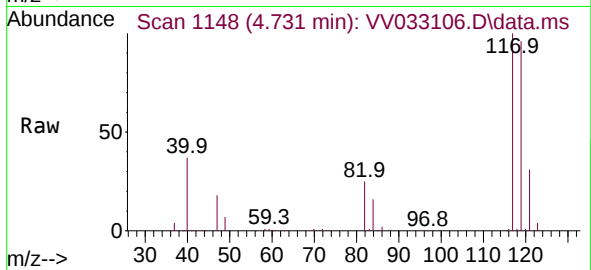




#31
Carbon tetrachloride
Concen: 42.596 ug/L
RT: 4.731 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

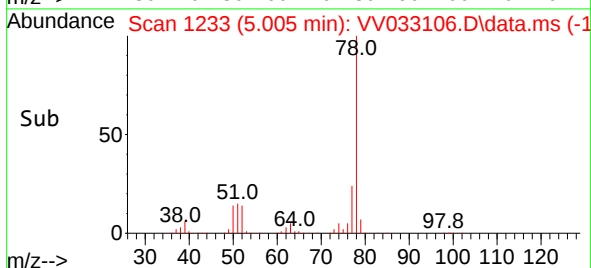
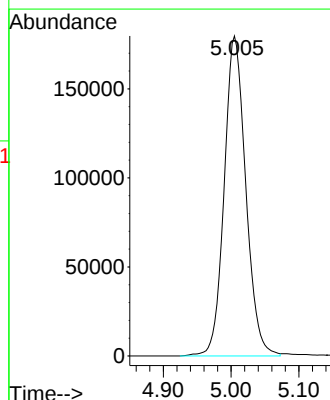
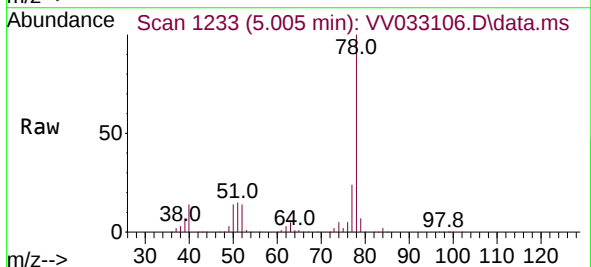
Instrument :
MSVOA_V
ClientSampleId :

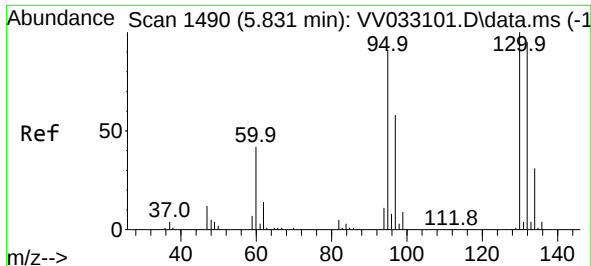
Tgt Ion:117 Resp: 156743
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3



#33
Benzene
Concen: 49.020 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 78 Resp: 397784

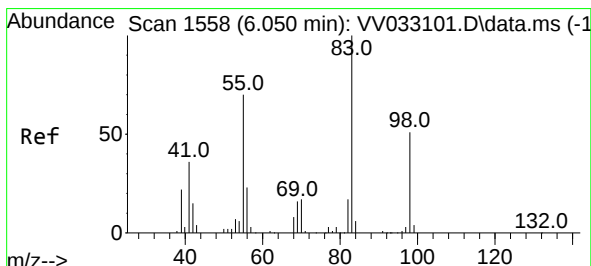
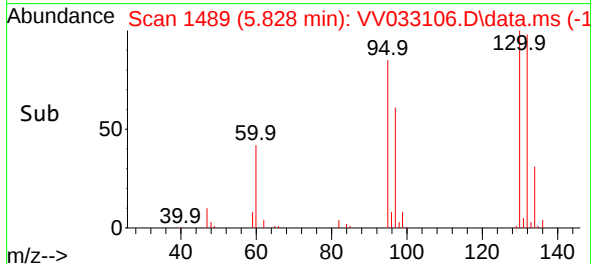
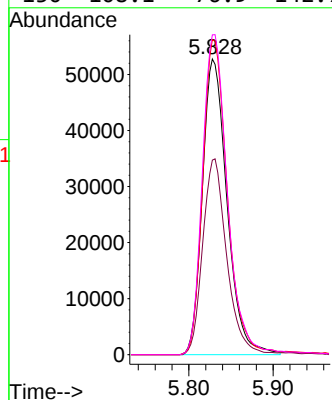
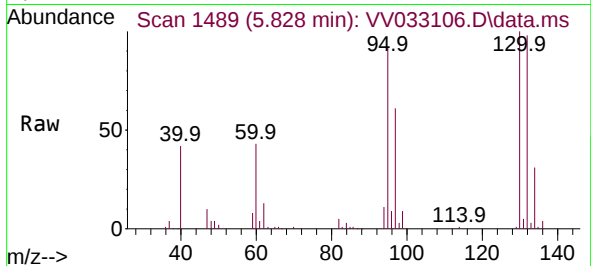




#34
Trichloroethene
Concen: 44.361 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

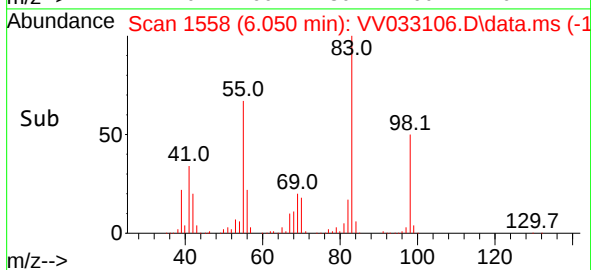
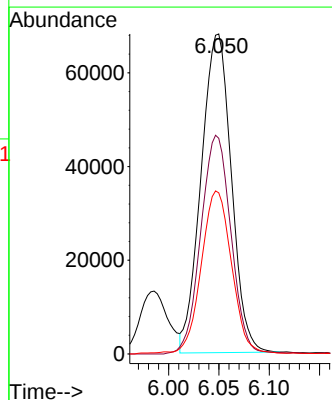
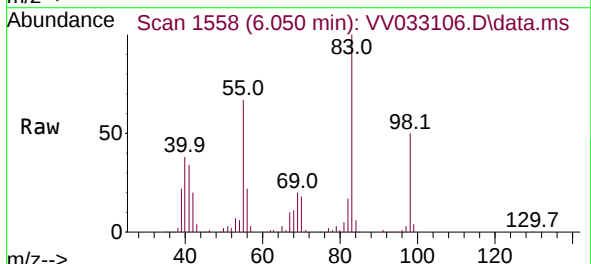
Instrument :
MSVOA_V
ClientSampleId :

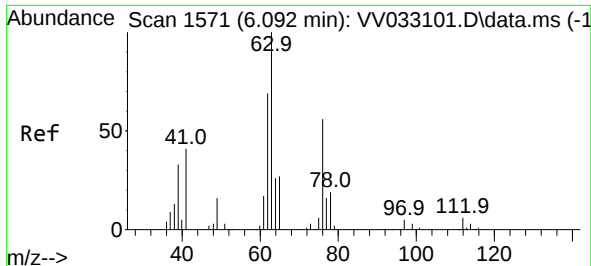
Tgt Ion: 95 Resp: 107544
Ion Ratio Lower Upper
95 100
97 65.8 45.8 85.0
132 106.5 77.4 143.8
130 108.1 76.9 142.7



#35
Methylcyclohexane
Concen: 40.427 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 83 Resp: 142242
Ion Ratio Lower Upper
83 100
55 68.4 54.8 82.2
98 51.3 41.4 62.0





#37

1,2-Dichloropropane

Concen: 50.262 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

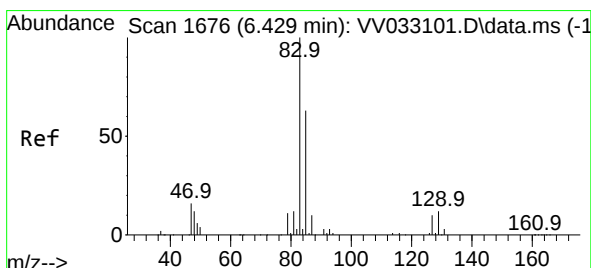
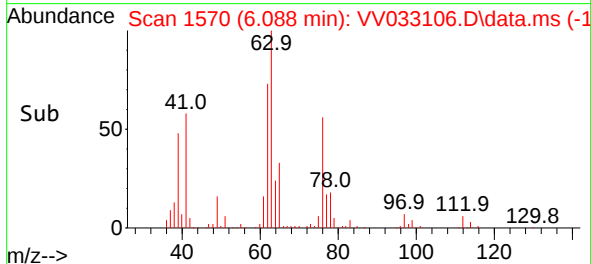
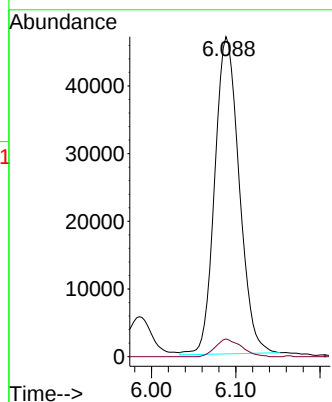
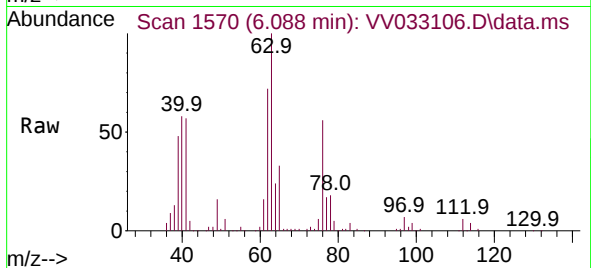
ClientSampleId :

Tgt Ion: 63 Resp: 94391

Ion Ratio Lower Upper

63 100

112 5.9 4.6 6.8



#38

Bromodichloromethane

Concen: 51.110 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

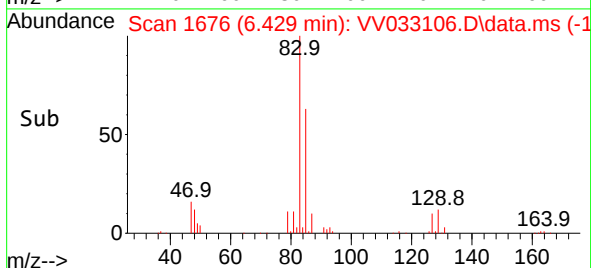
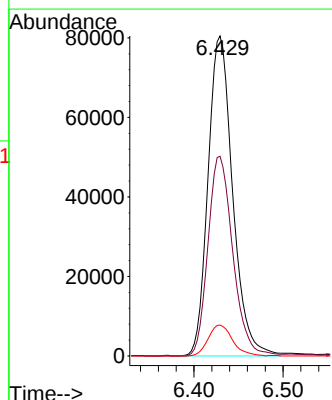
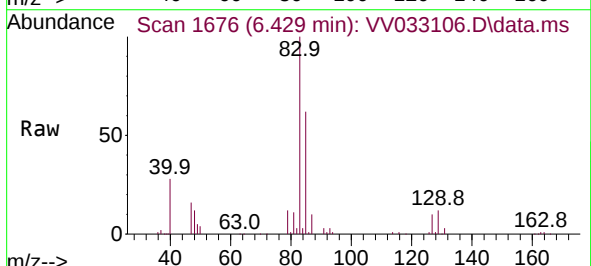
Tgt Ion: 83 Resp: 154742

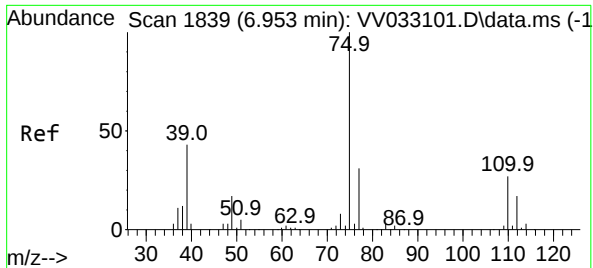
Ion Ratio Lower Upper

83 100

85 62.4 45.6 84.6

127 9.6 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 51.464 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

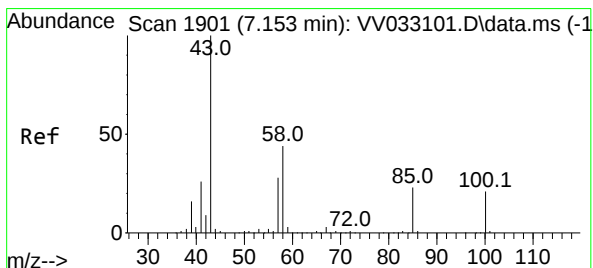
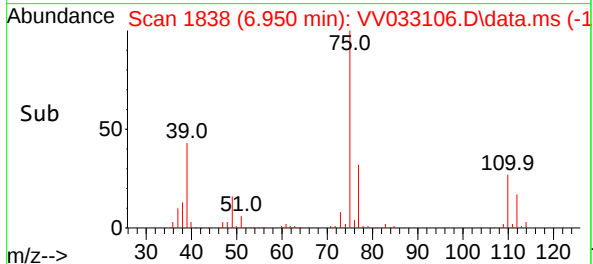
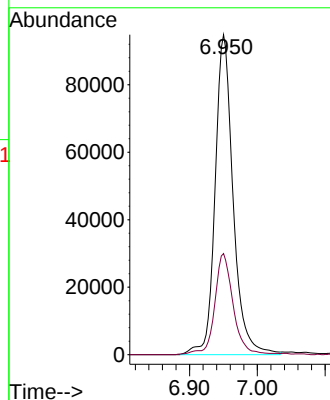
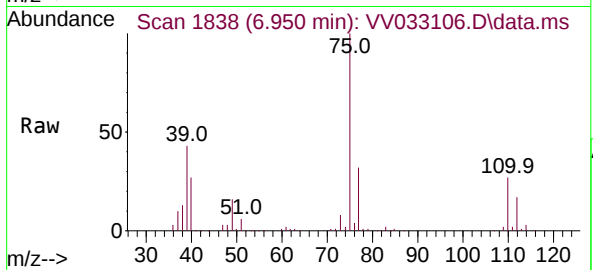
ClientSampleId :

Tgt Ion: 75 Resp: 175375

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 103.099 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

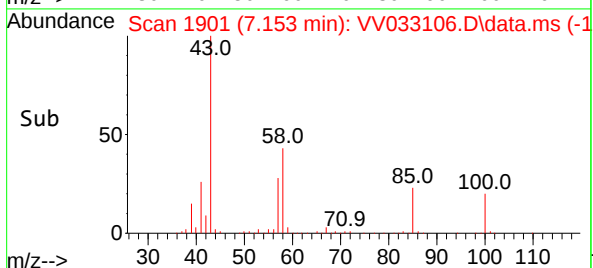
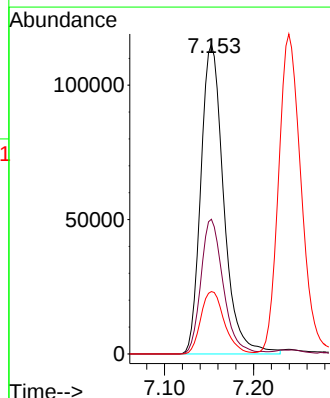
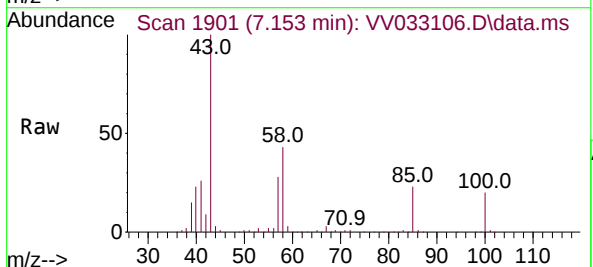
Tgt Ion: 43 Resp: 205578

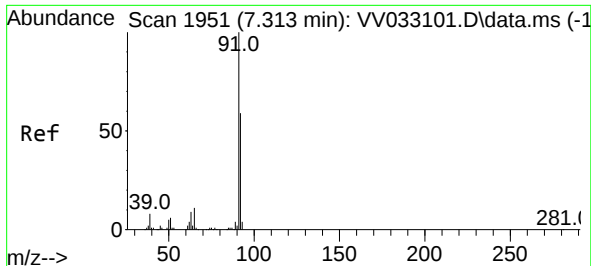
Ion Ratio Lower Upper

43 100

58 42.5 34.5 51.7

100 20.8 17.0 25.6

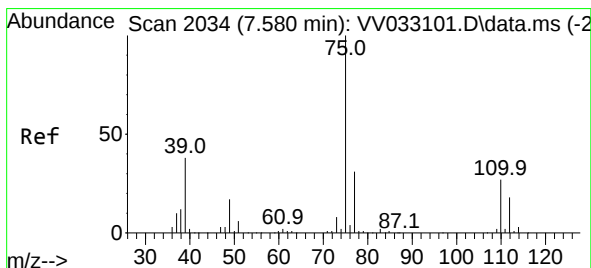
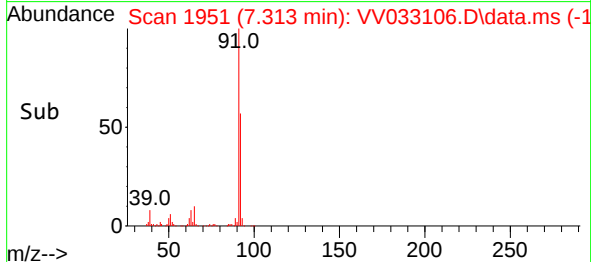
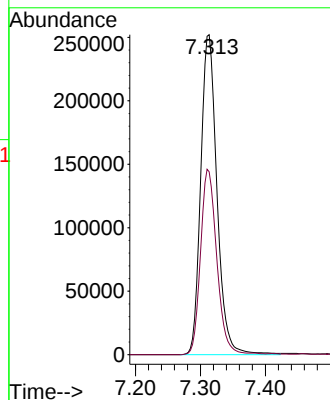
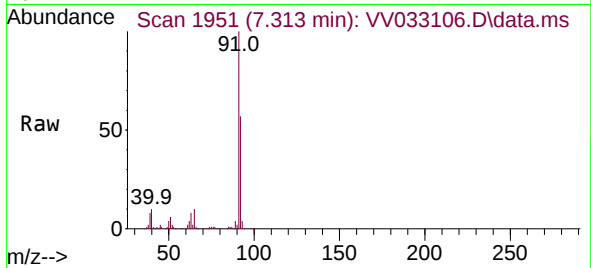




#42
Toluene
Concen: 48.076 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

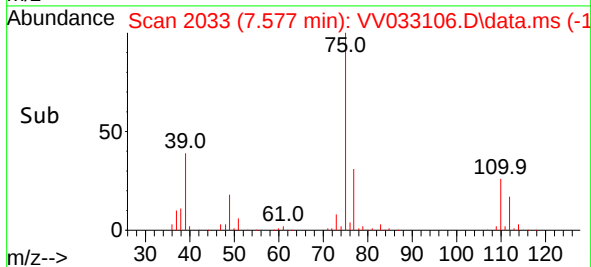
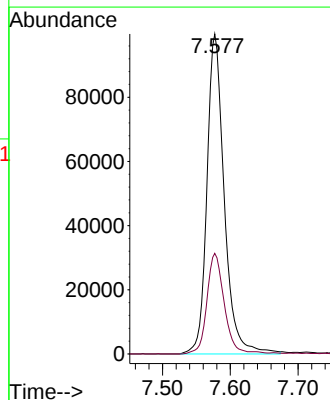
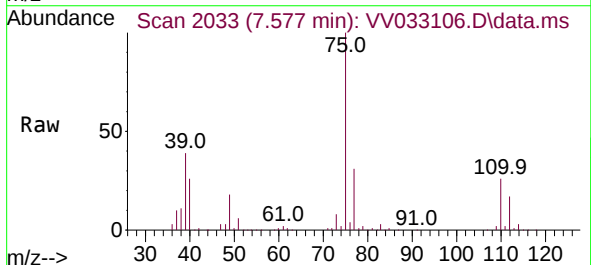
Instrument :
MSVOA_V
ClientSampleId :

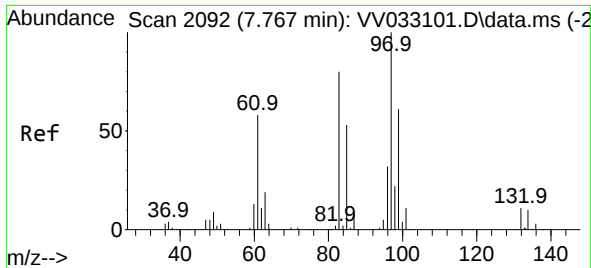
Tgt Ion: 91 Resp: 439614
Ion Ratio Lower Upper
91 100
92 57.1 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 51.389 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 75 Resp: 177081
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0



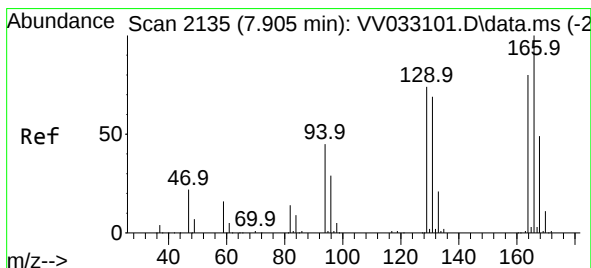
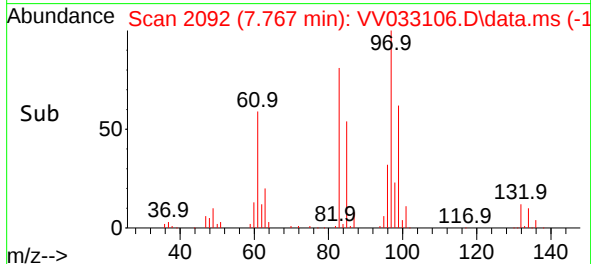
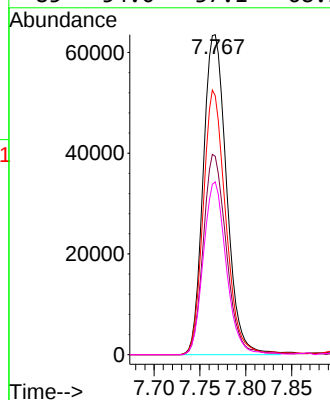
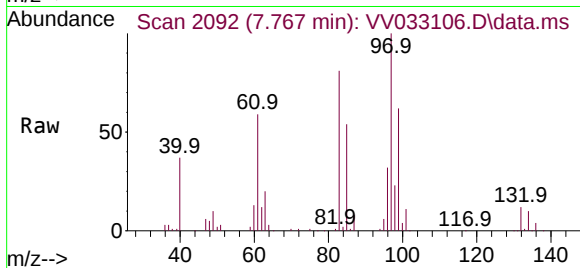


#45
1,1,2-Trichloroethane
Concen: 51.727 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 112636

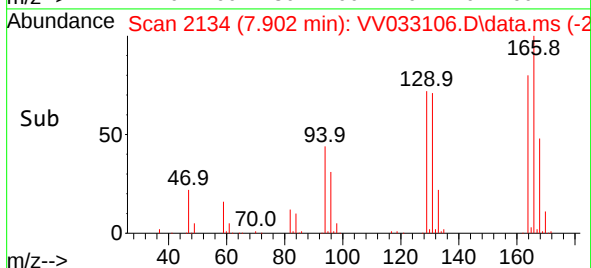
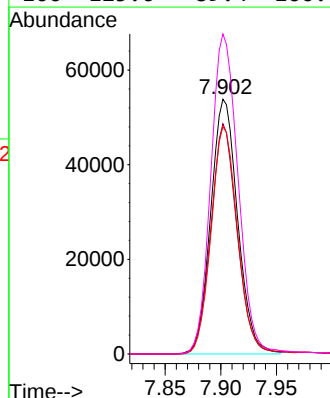
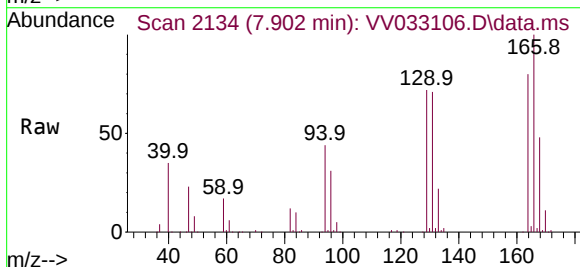
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.2	80.2
83	80.9	55.8	103.6
85	54.0	37.1	68.9

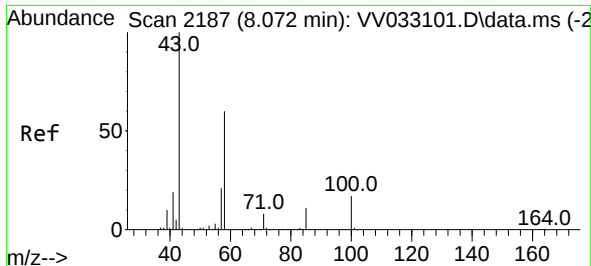


#46
Tetrachloroethene
Concen: 43.432 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 164 Resp: 90513

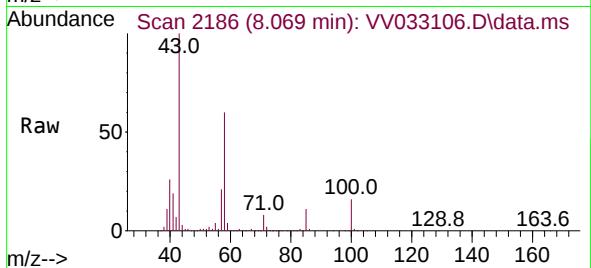
Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.6	121.8
131	89.2	64.7	120.1
166	125.6	89.4	166.0



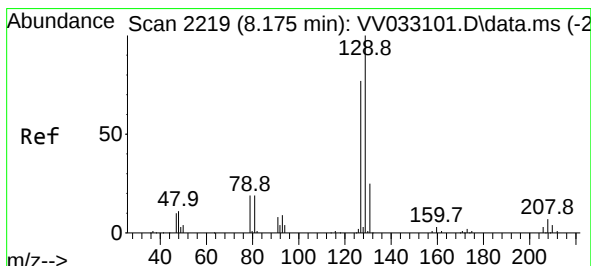
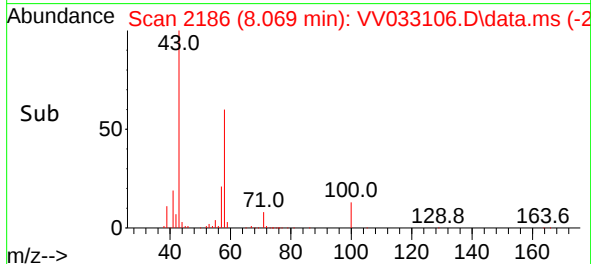
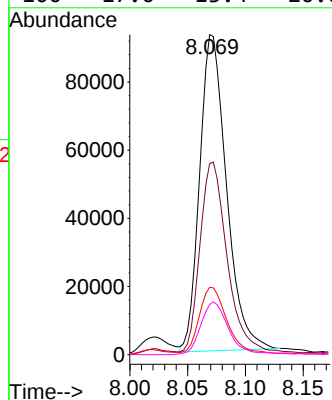


#48
2-Hexanone
Concen: 90.815 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Instrument :
MSVOA_V
ClientSampleId :

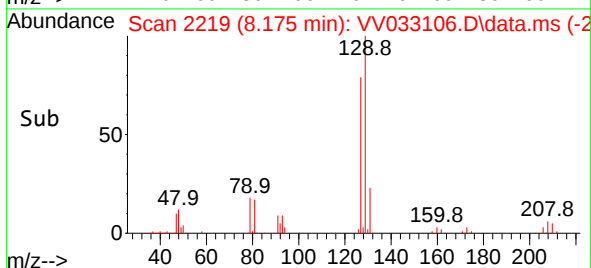
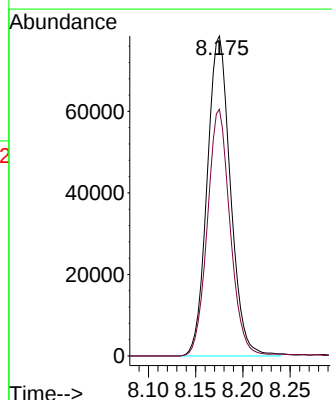
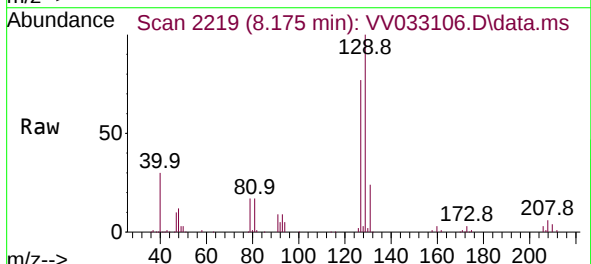


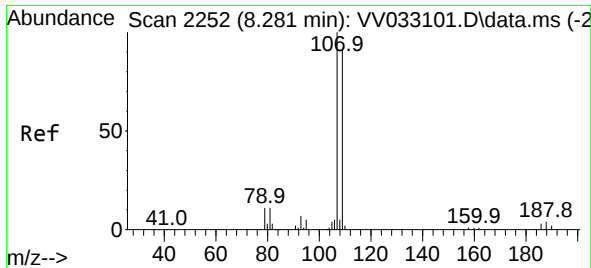
Tgt Ion: 43 Resp: 150137
Ion Ratio Lower Upper
43 100
58 62.1 47.9 71.9
57 21.4 17.4 26.0
100 17.0 13.4 20.0



#49
Dibromochloromethane
Concen: 51.800 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 129 Resp: 134649
Ion Ratio Lower Upper
129 100
127 77.1 54.1 100.5

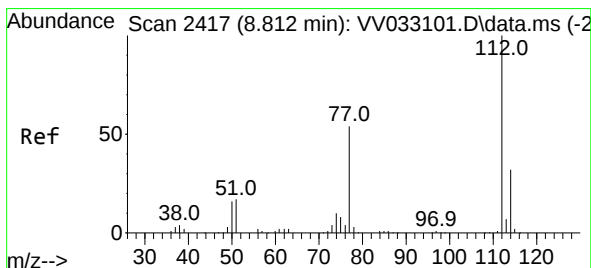
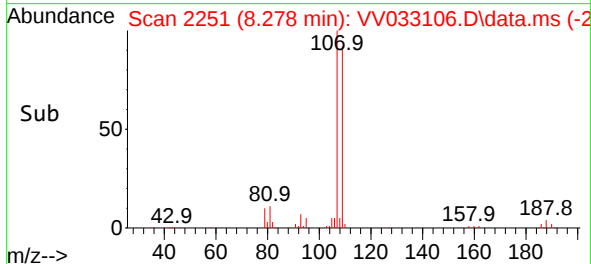
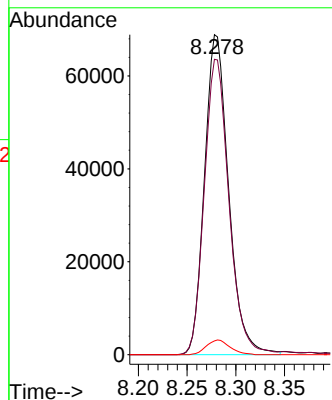
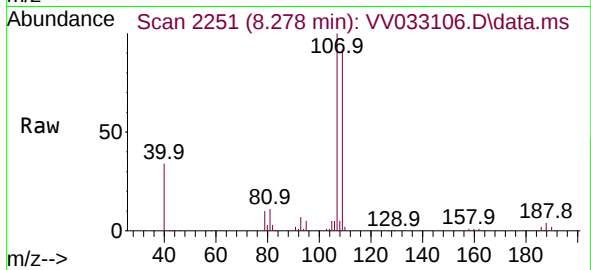




#50
1,2-Dibromoethane
Concen: 51.169 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

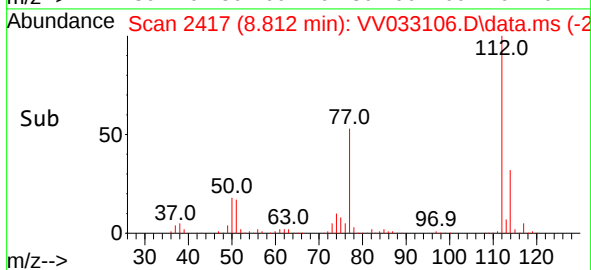
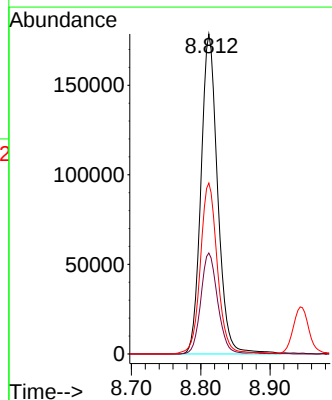
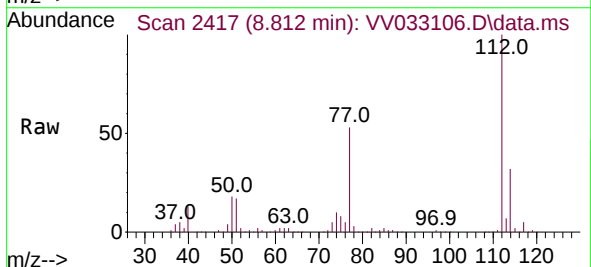
Instrument :
MSVOA_V
ClientSampleId :

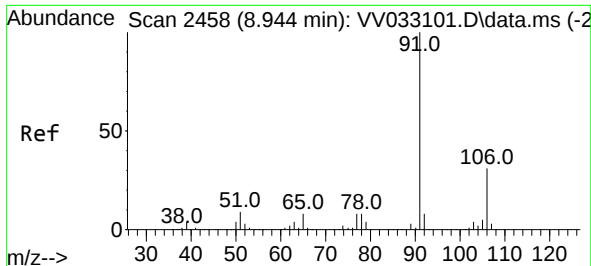
Tgt Ion:107 Resp: 118789
Ion Ratio Lower Upper
107 100
109 92.3 65.2 121.2
188 4.3 3.8 5.6



#51
Chlorobenzene
Concen: 46.491 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion:112 Resp: 298954
Ion Ratio Lower Upper
112 100
114 31.6 22.9 42.5
77 53.4 42.6 64.0

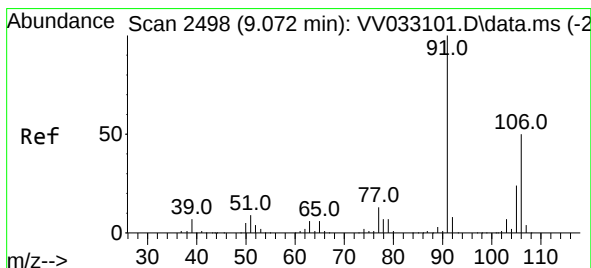
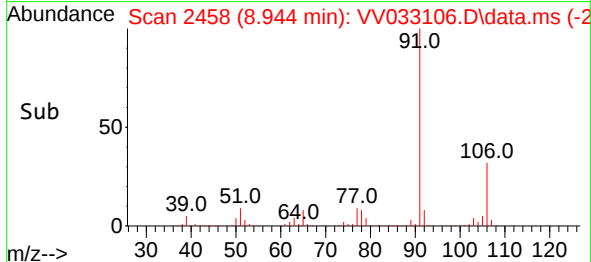
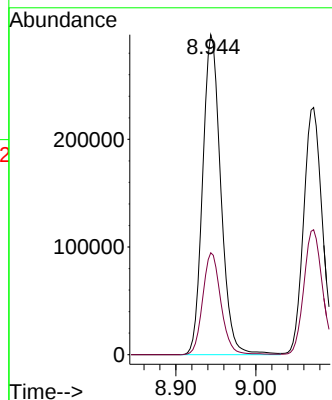
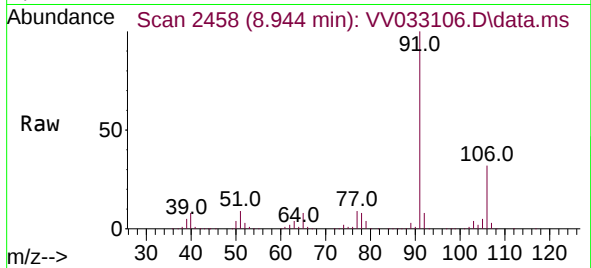




#52
Ethylbenzene
Concen: 44.719 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

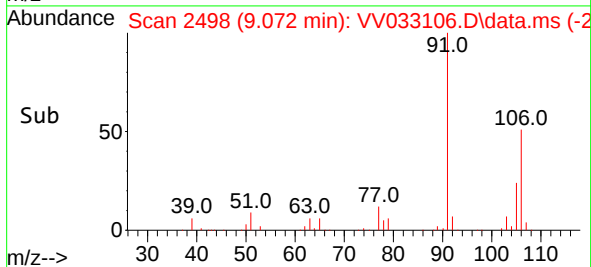
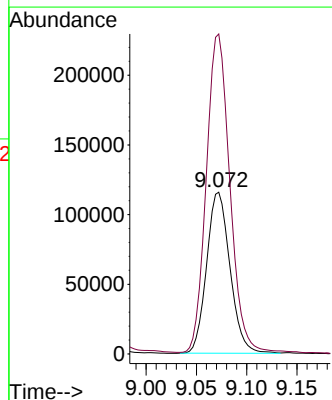
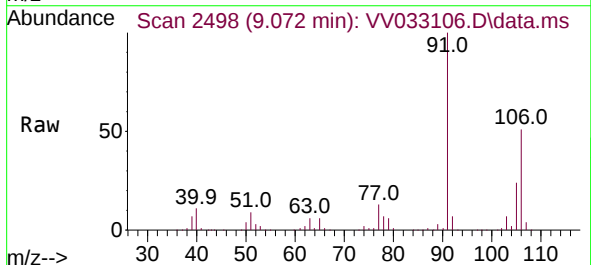
Instrument :
MSVOA_V
ClientSampleId :

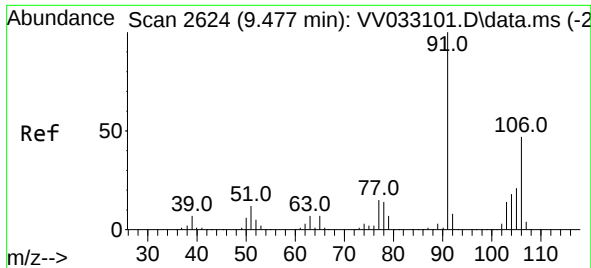
Tgt Ion: 91 Resp: 470684
Ion Ratio Lower Upper
91 100
106 31.9 22.6 42.0



#53
m,p-Xylene
Concen: 44.907 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 106 Resp: 187182
Ion Ratio Lower Upper
106 100
91 197.9 145.2 269.6

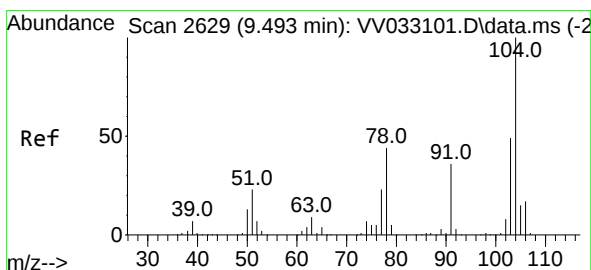
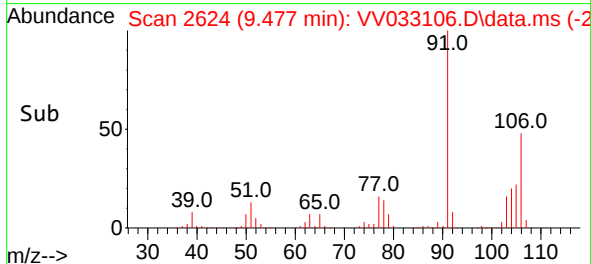
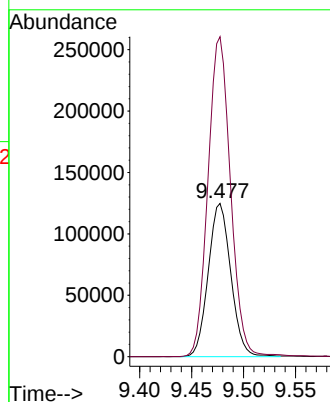
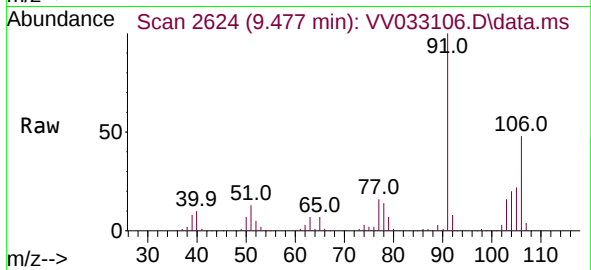




#54
o-Xylene
Concen: 45.881 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

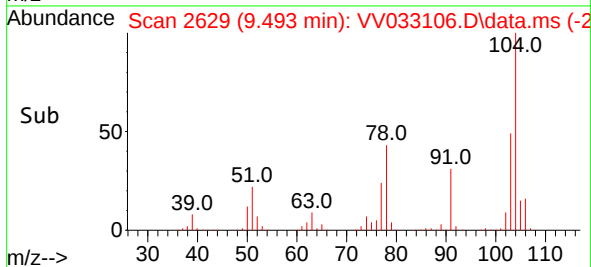
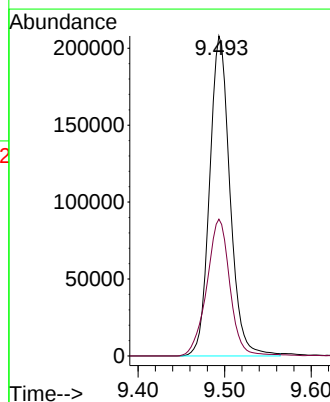
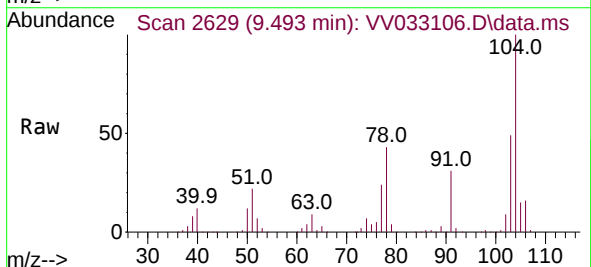
Instrument :
MSVOA_V
ClientSampleId :

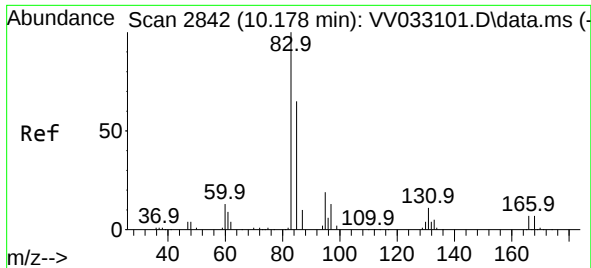
Tgt Ion:106 Resp: 188709
Ion Ratio Lower Upper
106 100
91 208.7 147.8 274.6



#55
Styrene
Concen: 47.872 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion:104 Resp: 340622
Ion Ratio Lower Upper
104 100
78 42.8 30.2 56.0

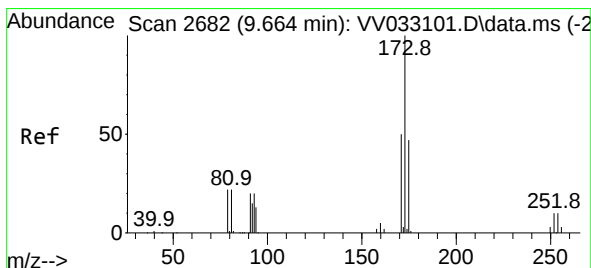
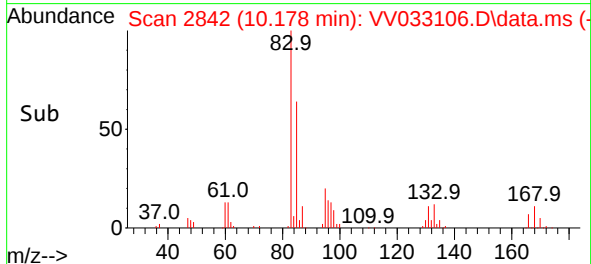
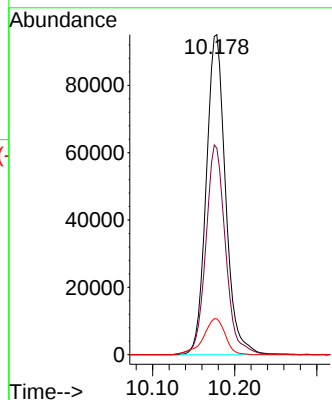
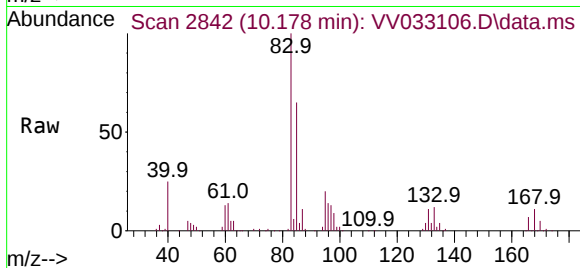




#57
1,1,2,2-Tetrachloroethane
Concen: 52.228 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

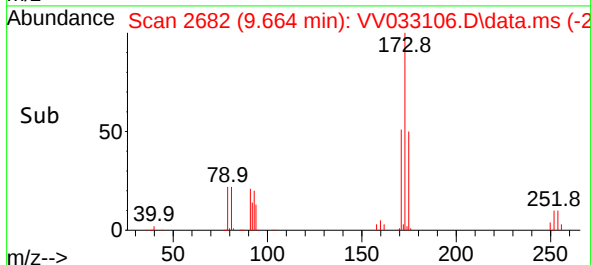
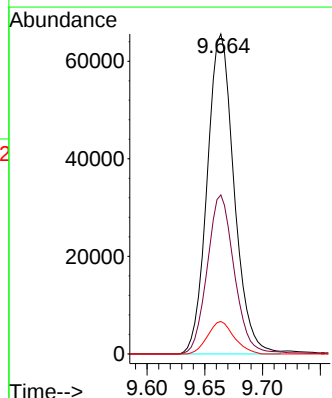
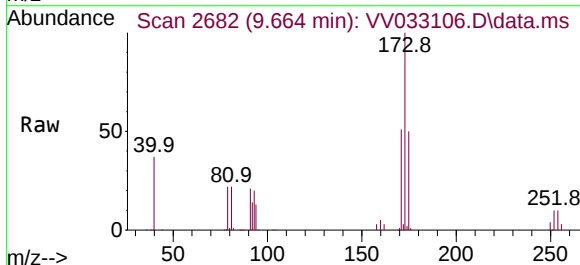
Instrument :
MSVOA_V
ClientSampleId :

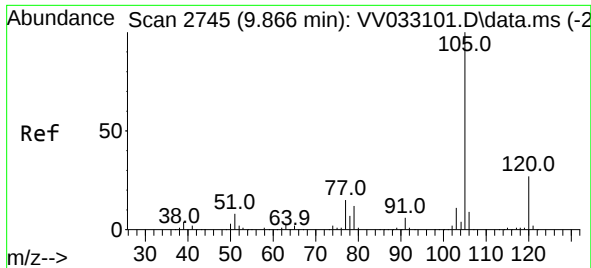
Tgt Ion: 83 Resp: 155380
Ion Ratio Lower Upper
83 100
85 64.6 45.5 84.5
131 11.2 9.7 14.5



#59
Bromoform
Concen: 52.635 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 173 Resp: 106477
Ion Ratio Lower Upper
173 100
175 50.1 38.7 58.1
254 10.0 8.0 12.0

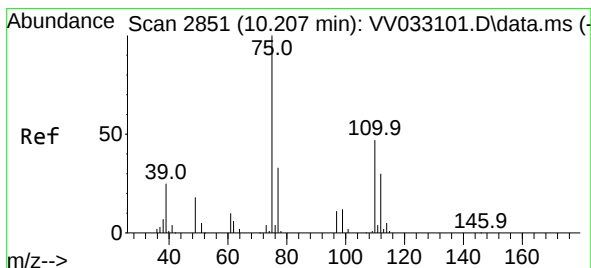
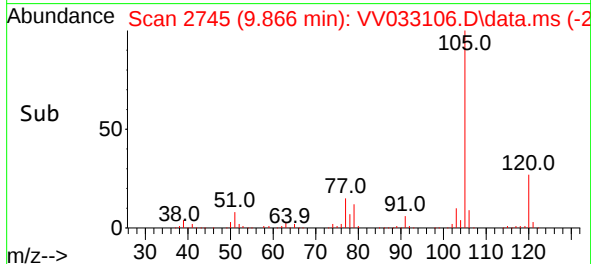
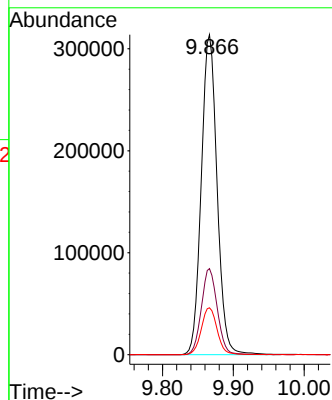
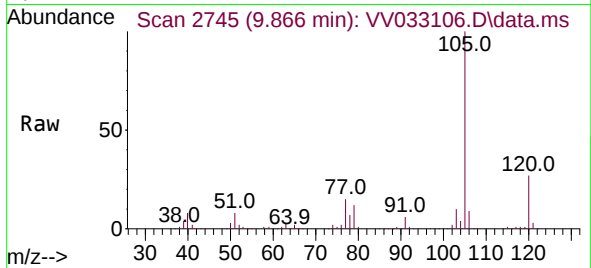




#60
Isopropylbenzene
Concen: 45.148 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

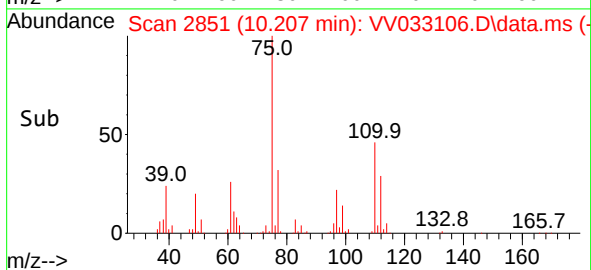
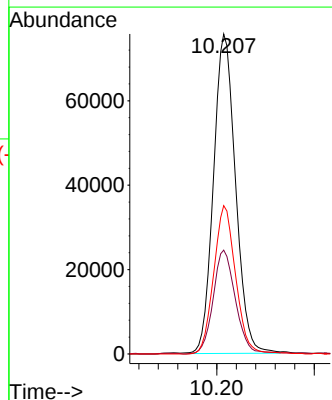
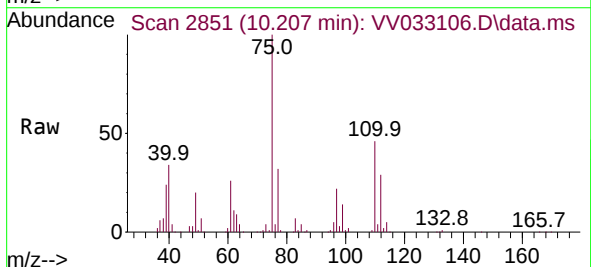
Instrument :
MSVOA_V
ClientSampleId :

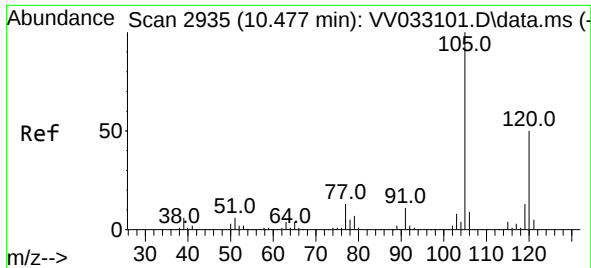
Tgt Ion:105 Resp: 485216
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 51.198 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion: 75 Resp: 118993
Ion Ratio Lower Upper
75 100
77 32.7 27.0 40.6
110 46.1 38.1 57.1

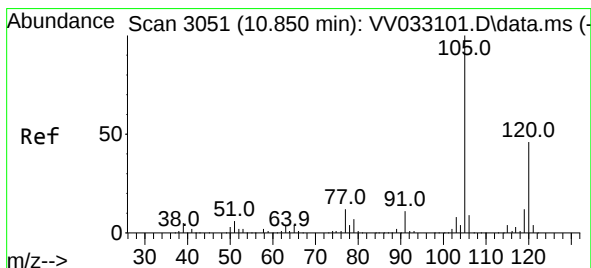
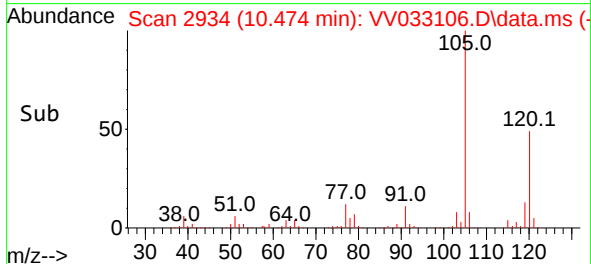
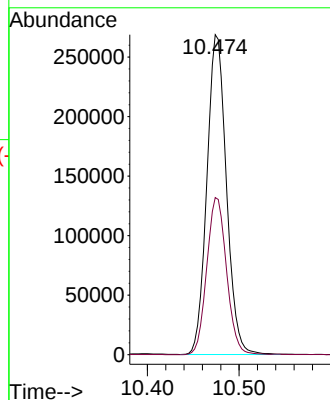
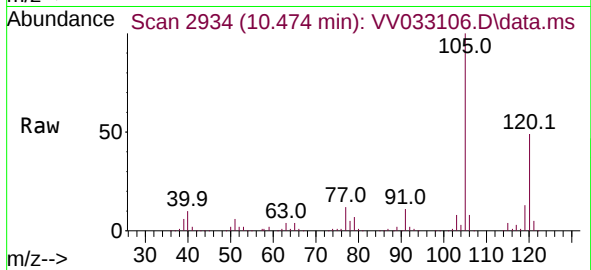




#62
1,3,5-Trimethylbenzene
Concen: 45.915 ug/L
RT: 10.474 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

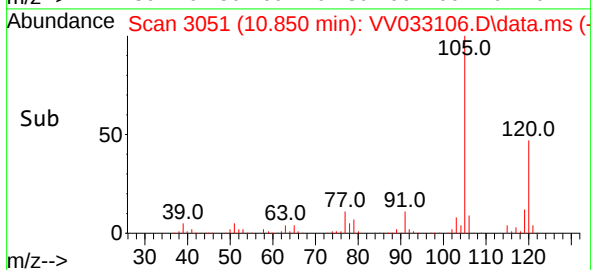
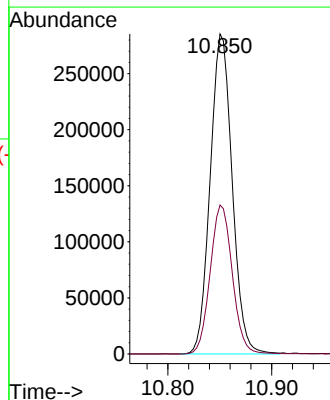
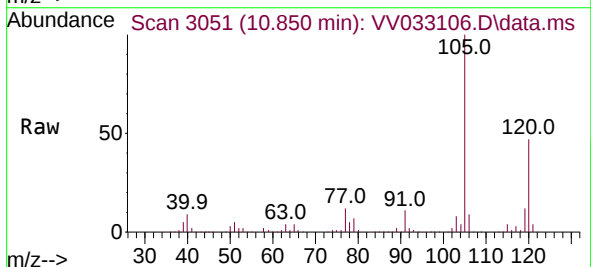
Instrument :
MSVOA_V
ClientSampleId :

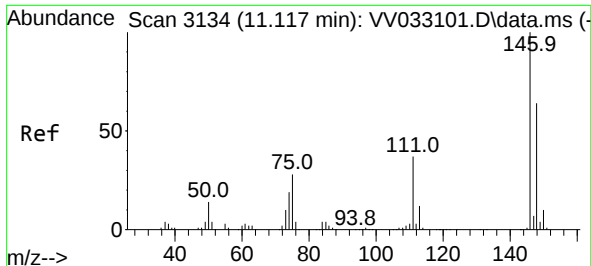
Tgt Ion:105 Resp: 397571
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 46.522 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion:105 Resp: 419519
Ion Ratio Lower Upper
105 100
120 46.8 36.7 55.1

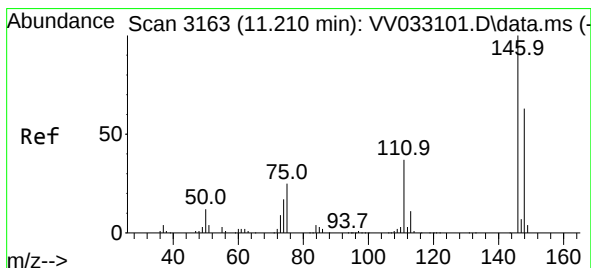
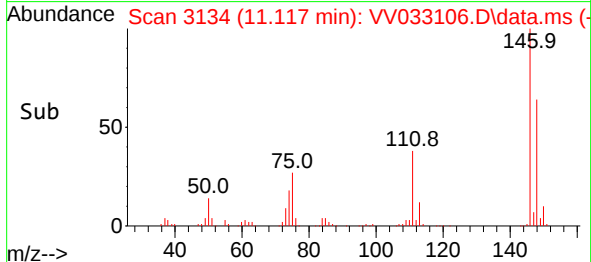
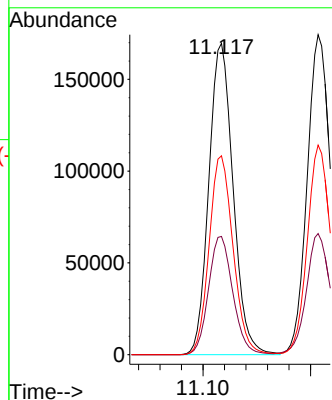
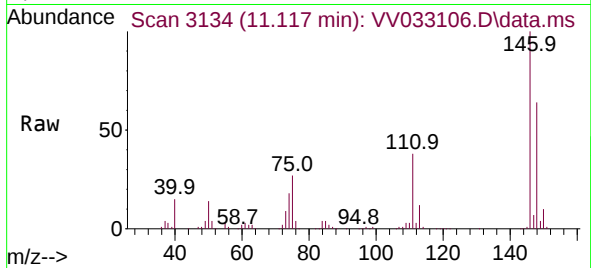




#64
1,3-Dichlorobenzene
Concen: 46.376 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

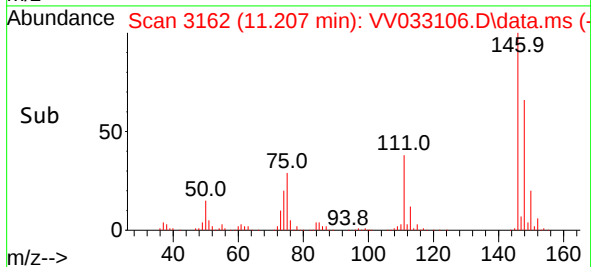
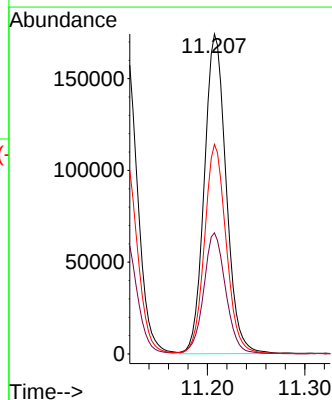
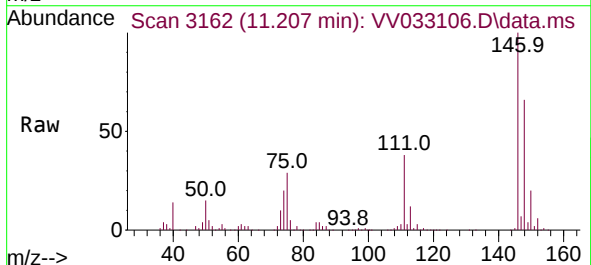
Instrument :
MSVOA_V
ClientSampleId :

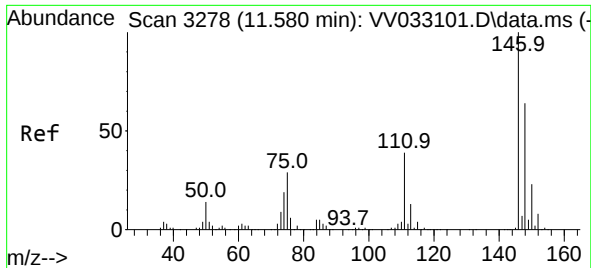
Tgt Ion:146 Resp: 266276
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.6
148 63.9 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 45.405 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033106.D
Acq: 05 Dec 2023 15:10

Tgt Ion:146 Resp: 270804
Ion Ratio Lower Upper
146 100
111 37.8 25.9 48.1
148 65.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 47.167 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

ClientSampleId :

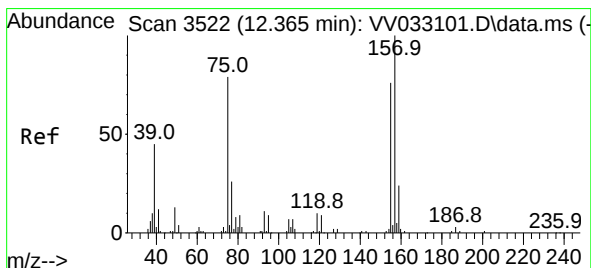
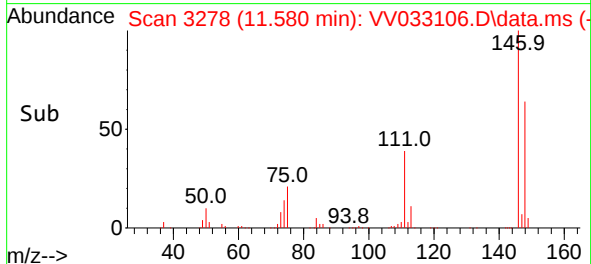
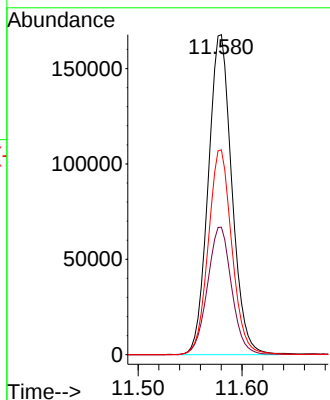
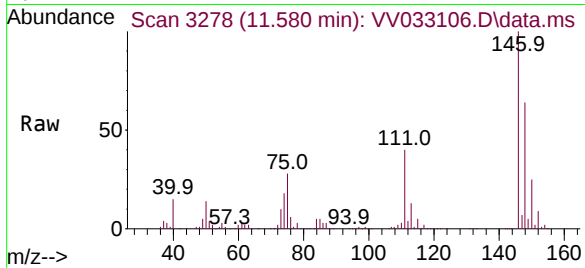
Tgt Ion:146 Resp: 265498

Ion Ratio Lower Upper

146 100

111 39.9 32.4 48.6

148 64.0 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.236 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

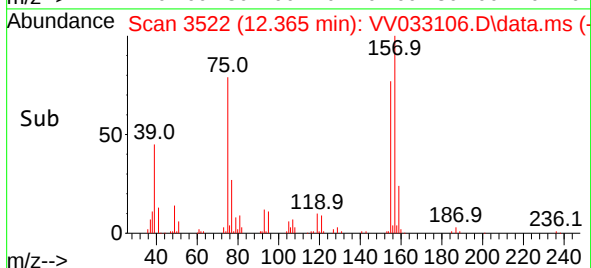
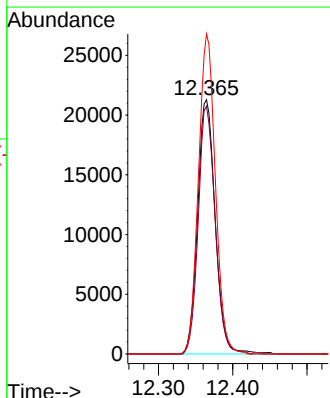
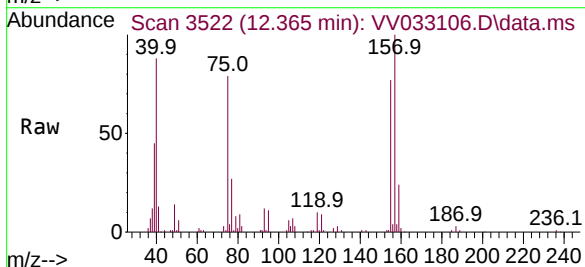
Tgt Ion: 75 Resp: 35113

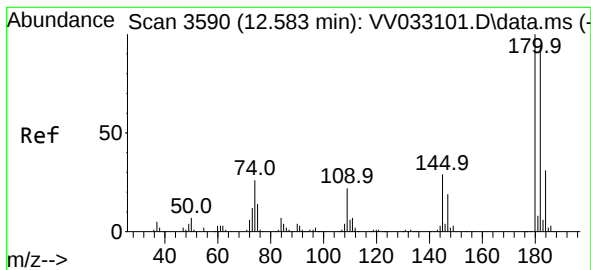
Ion Ratio Lower Upper

75 100

155 97.4 75.8 113.6

157 125.9 95.4 143.0





#69

1,3,5-Trichlorobenzene

Concen: 43.330 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

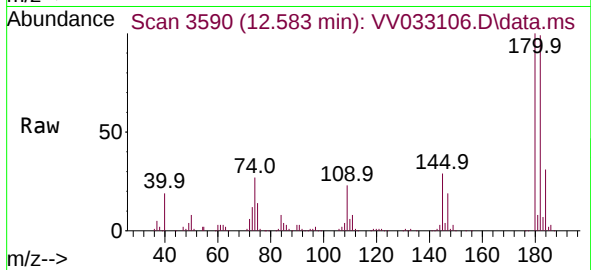
Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 199280

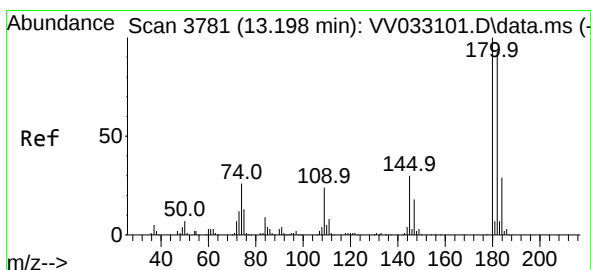
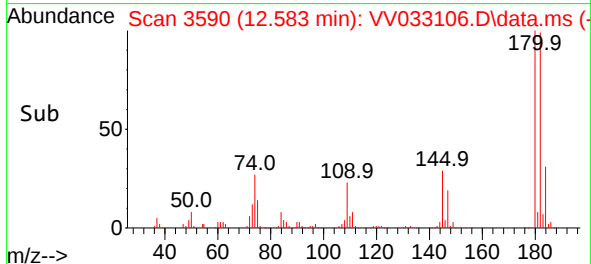
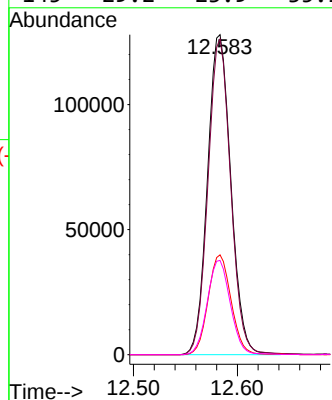
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

184 30.6 24.2 36.4

145 29.2 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 44.643 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

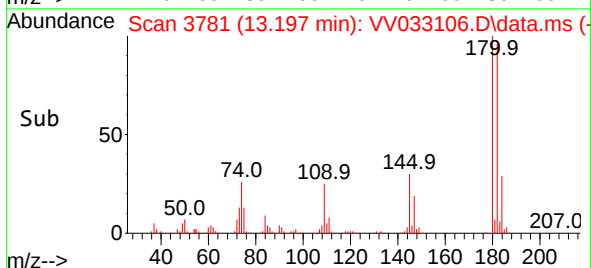
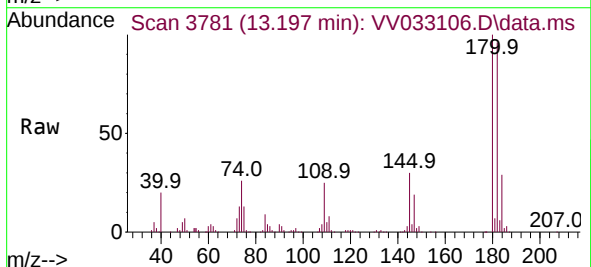
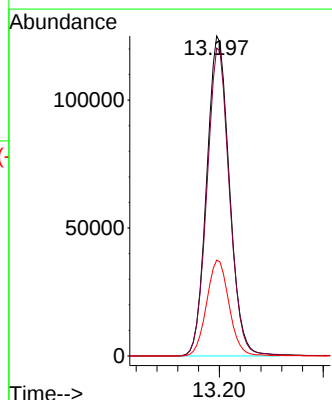
Tgt Ion:180 Resp: 189688

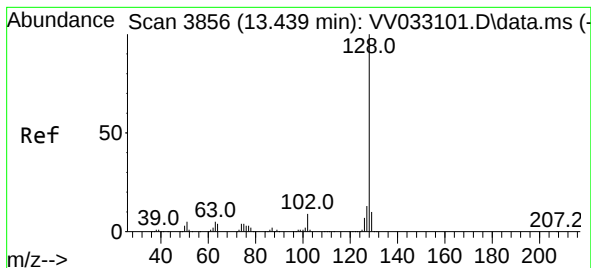
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 29.7 23.4 35.0





#71

Naphthalene

Concen: 45.570 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Instrument :

MSVOA_V

ClientSampleId :

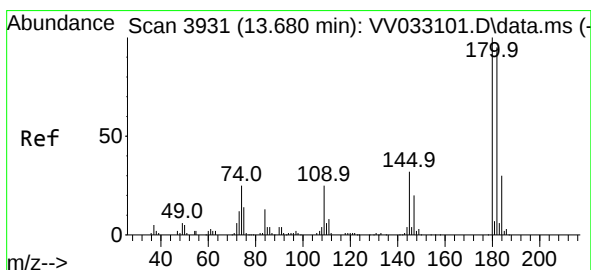
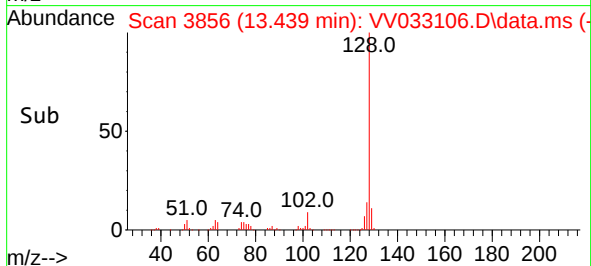
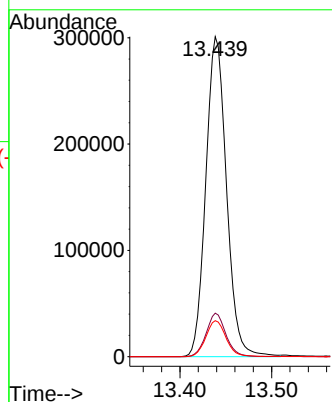
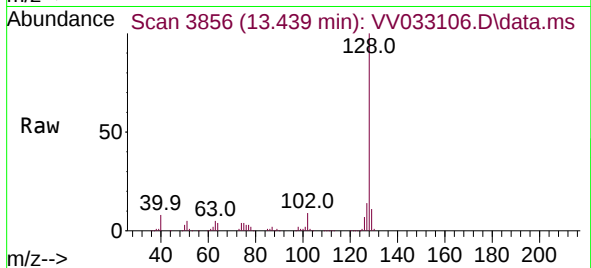
Tgt Ion:128 Resp: 472215

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 45.904 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033106.D

Acq: 05 Dec 2023 15:10

Tgt Ion:180 Resp: 188207

Ion Ratio Lower Upper

180 100

182 95.3 75.2 112.8

145 32.1 24.9 37.3

