

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033251.D
 Acq On : 12 Dec 2023 06:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 06:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74116	41.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.560%
7) Chloroethane-d5	1.529	69	57306	46.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.740%
11) 1,1-Dichloroethene-d2	2.059	65	29880	44.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.560%
21) 2-Butanone-d5	3.776	46	99401	112.825	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.830%
24) Chloroform-d	4.249	84	188245	50.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	4.940	65	119511	51.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.120%
32) Benzene-d6	4.960	84	338266	48.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	5.985	67	91462	49.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.243	98	330025	50.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.100%
43) trans-1,3-Dichloroprop...	7.551	79	55327	47.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.021	63	86999	116.520	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.520%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	147849	55.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	162597	50.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	151997	46.864	ug/L	99
3) Chloromethane	1.214	50	98517	46.054	ug/L	99
5) Vinyl chloride	1.281	62	103985	50.686	ug/L	97
6) Bromomethane	1.484	94	63350	47.322	ug/L	99
8) Chloroethane	1.548	64	54734	50.111	ug/L	99
9) Trichlorofluoromethane	1.712	101	179841	53.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	83814	52.723	ug/L	98
12) 1,1-Dichloroethene	2.069	96	79412	53.382	ug/L	96
13) Acetone	2.108	43	64696	76.921	ug/L	100
14) Carbon disulfide	2.240	76	246911	46.262	ug/L	99
15) Methyl Acetate	2.368	43	72366	51.623	ug/L	93
16) Methylene chloride	2.445	84	99443	50.483	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	97075	49.701	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	314283	52.968	ug/L	99
19) 1,1-Dichloroethane	3.111	63	163256	50.501	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	111363	53.734	ug/L	96
22) 2-Butanone	3.860	43	99095	92.582	ug/L	90
23) Bromochloromethane	4.146	128	61866	51.988	ug/L	94
25) Chloroform	4.272	83	194396	52.287	ug/L	94

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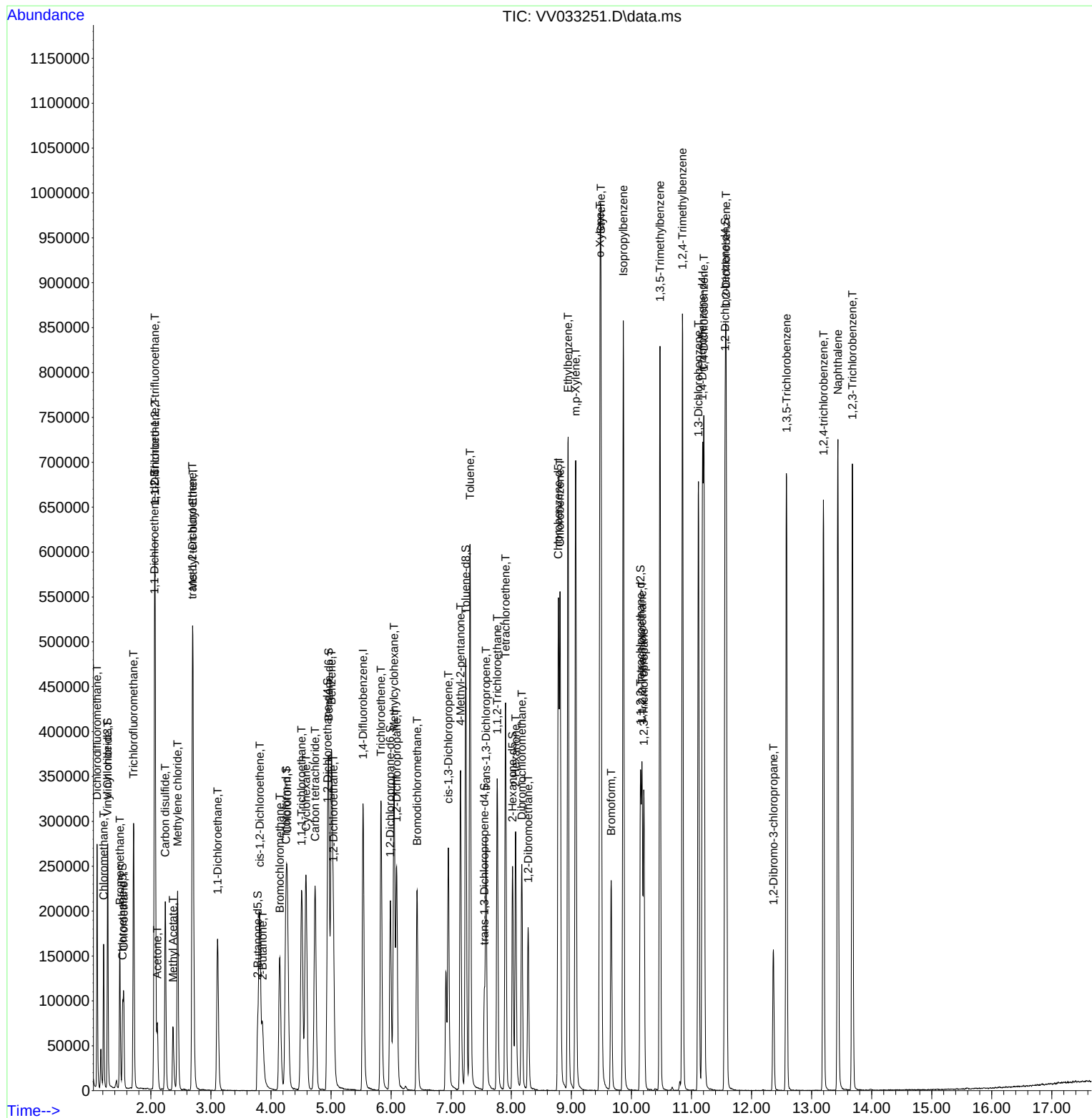
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	153570	52.272	ug/L	99
29) Cyclohexane	4.584	56	127608	46.746	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	190753	52.224	ug/L	97
31) Carbon tetrachloride	4.735	117	181107	53.325	ug/L	99
33) Benzene	5.008	78	386766	51.641	ug/L	100
34) Trichloroethene	5.831	95	109724	49.038	ug/L	97
35) Methylcyclohexane	6.050	83	160395	49.392	ug/L	97
37) 1,2-Dichloropropane	6.091	63	87734	50.616	ug/L	98
38) Bromodichloromethane	6.432	83	147526	52.794	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	161466	51.337	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	203077	110.346	ug/L	97
42) Toluene	7.313	91	446552	52.911	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	162768	51.179	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	108429	53.952	ug/L	100
46) Tetrachloroethene	7.905	164	99083	51.513	ug/L	96
48) 2-Hexanone	8.072	43	160827	105.402	ug/L	99
49) Dibromochloromethane	8.175	129	131423	54.779	ug/L	99
50) 1,2-Dibromoethane	8.281	107	114304	53.347	ug/L	100
51) Chlorobenzene	8.812	112	307982	51.893	ug/L	99
52) Ethylbenzene	8.947	91	502909	51.769	ug/L	100
53) m,p-Xylene	9.072	106	207269	53.877	ug/L	93
54) o-Xylene	9.477	106	200273	52.757	ug/L	97
55) Styrene	9.493	104	356516	54.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	153890	56.045	ug/L	96
59) Bromoform	9.664	173	106204	53.938	ug/L	100
60) Isopropylbenzene	9.866	105	543624	51.968	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	122495	54.149	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	439539	52.152	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	463555	52.813	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	287408	51.428	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	293750	50.601	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	283900	51.818	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	37915	54.622	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	218952	48.912	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	208639	50.448	ug/L	99
71) Naphthalene	13.438	128	577823	57.290	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	213732	53.558	ug/L	99

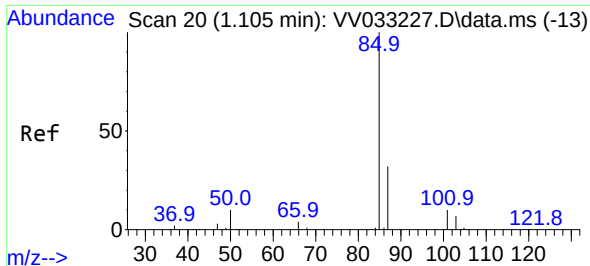
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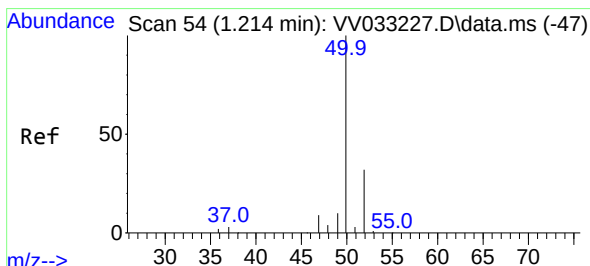
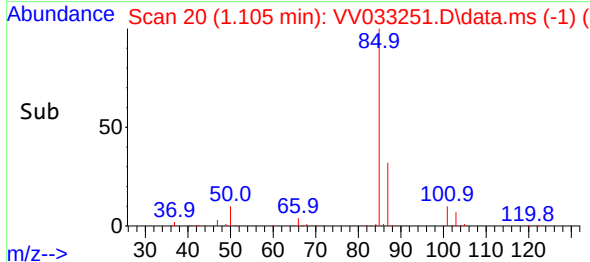
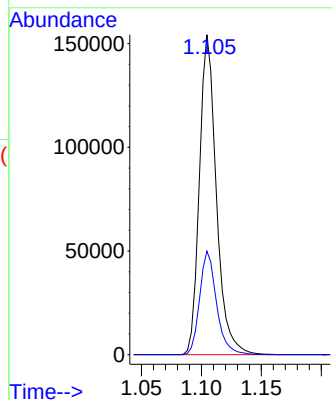
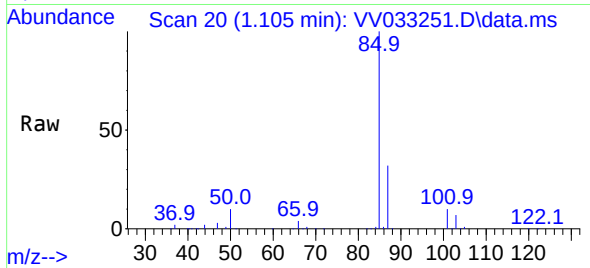




#2
 Dichlorodifluoromethane
 Concen: 46.864 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033251.D
 Acq: 12 Dec 2023 06:26

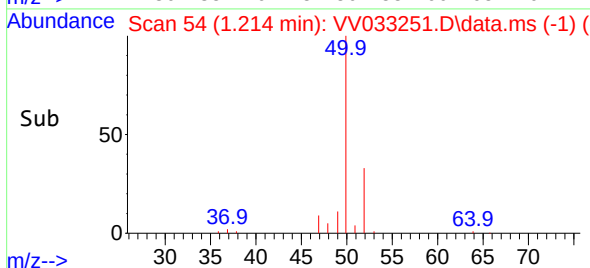
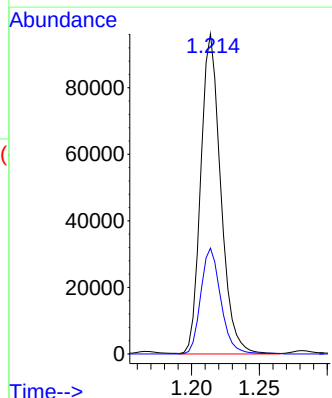
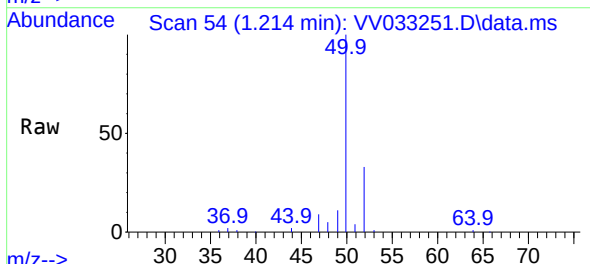
Instrument :
 MSVOA_V
 ClientSampleId :

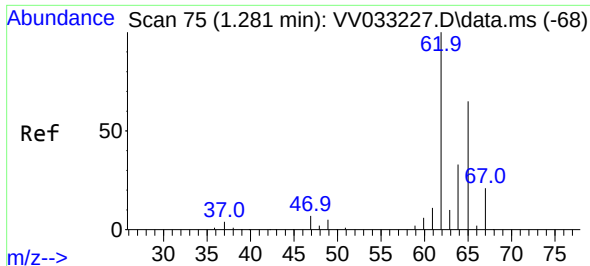
Tgt Ion: 85 Resp: 151997
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 46.054 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033251.D
 Acq: 12 Dec 2023 06:26

Tgt Ion: 50 Resp: 98517
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.8 42.4

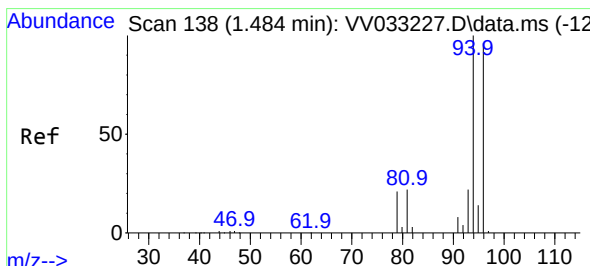
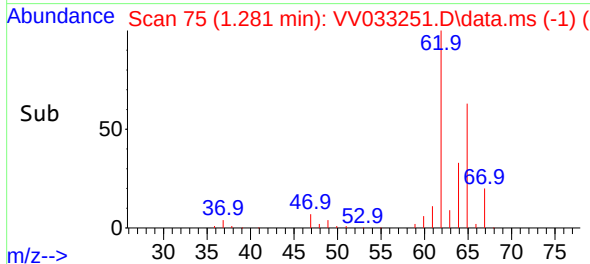
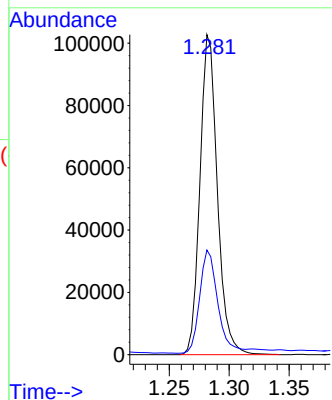
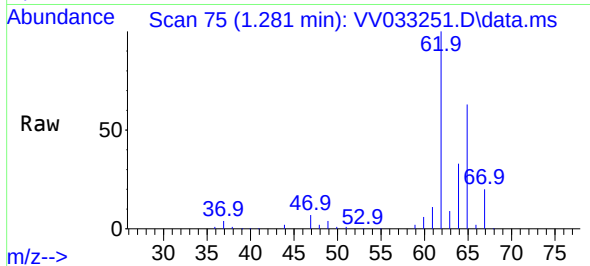




#5
 Vinyl chloride
 Concen: 50.686 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.003 min
 Lab File: VV033251.D
 Acq: 12 Dec 2023 06:26

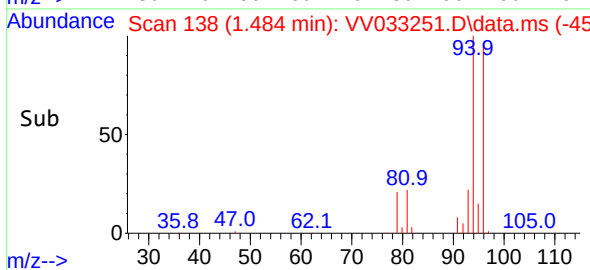
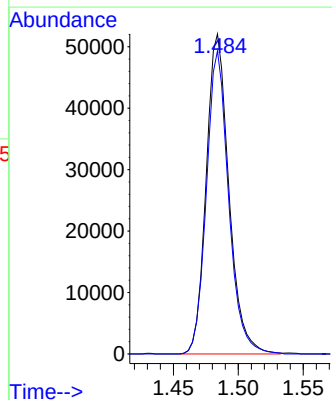
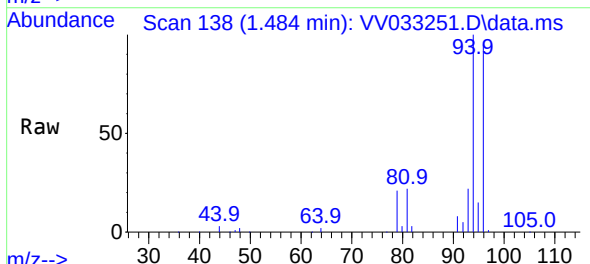
Instrument :
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 ClientSampleId :

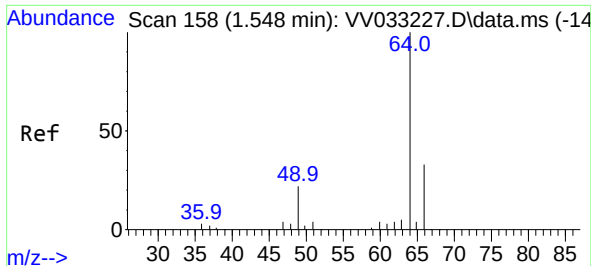
Tgt Ion: 62 Resp: 103985
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 45.0



#6
 Bromomethane
 Concen: 47.322 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033251.D
 Acq: 12 Dec 2023 06:26

Tgt Ion: 94 Resp: 63350
 Ion Ratio Lower Upper
 94 100
 96 94.7 67.1 124.7

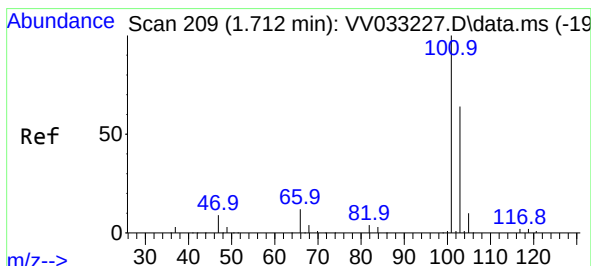
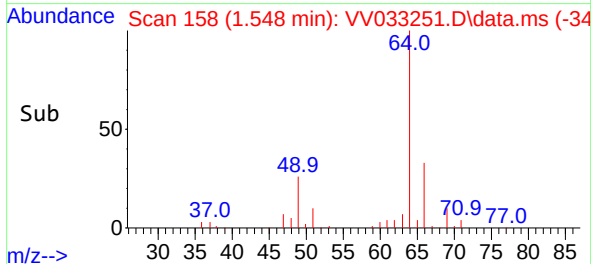
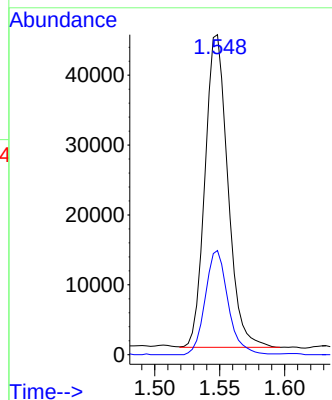
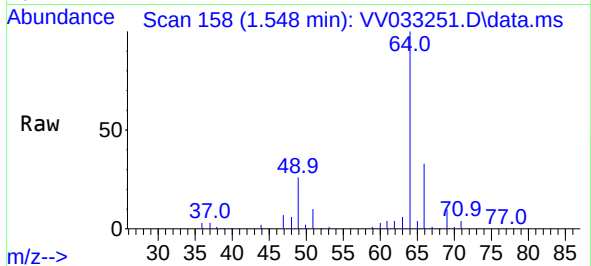




#8
Chloroethane
Concen: 50.111 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

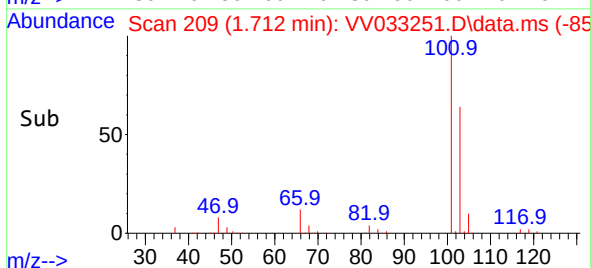
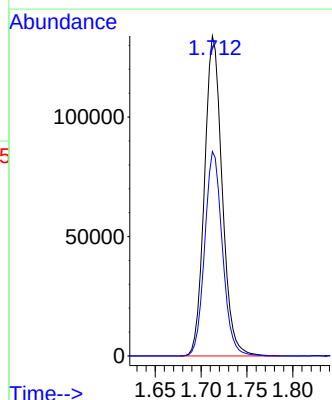
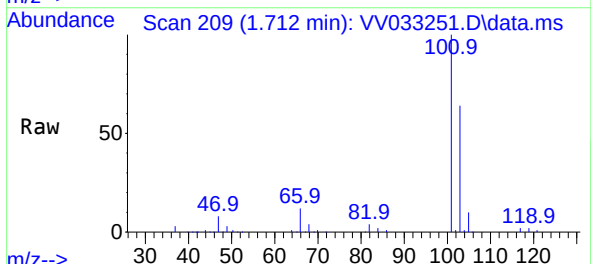
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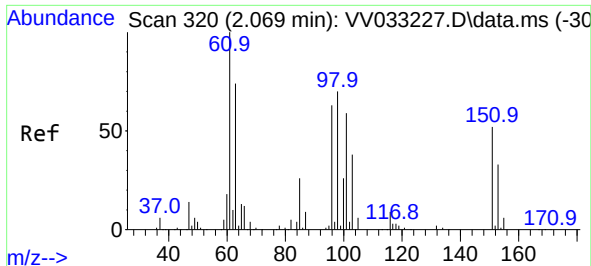
Tgt Ion: 64 Resp: 54734
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 53.124 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion:101 Resp: 179841
Ion Ratio Lower Upper
101 100
103 63.9 51.3 76.9

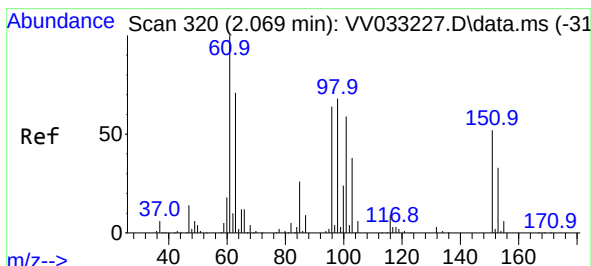
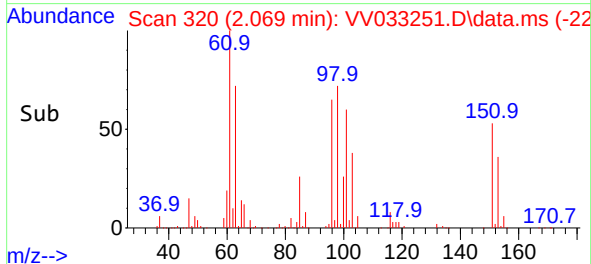
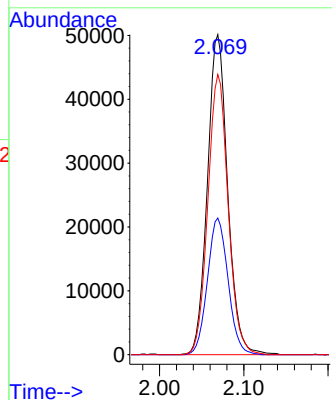
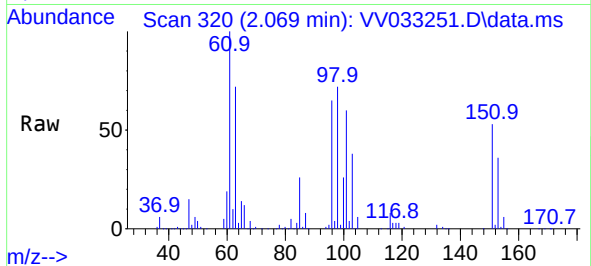




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.723 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

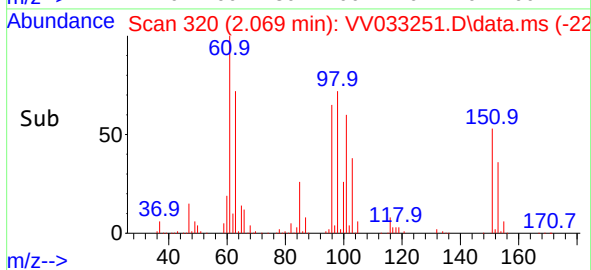
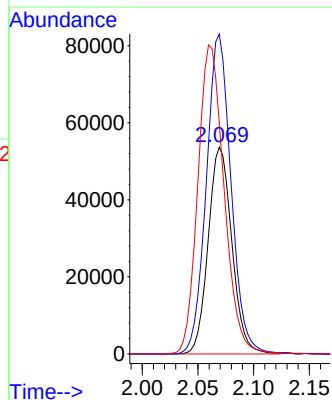
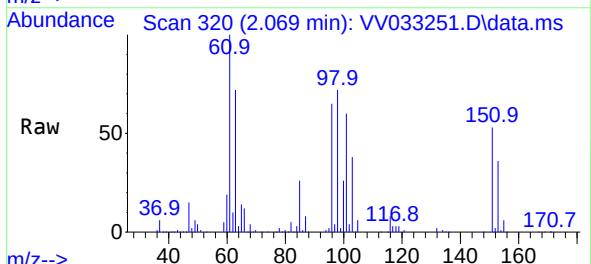
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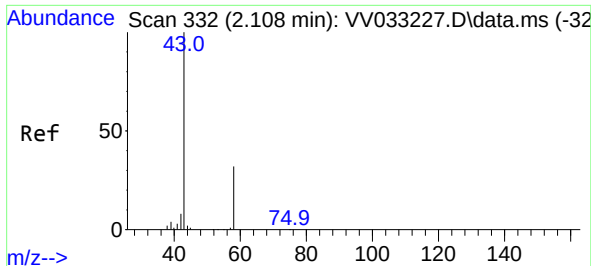
Tgt Ion:101 Resp: 83814
Ion Ratio Lower Upper
101 100
85 43.5 36.0 54.0
151 87.8 69.1 103.7



#12
1,1-Dichloroethene
Concen: 53.382 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 96 Resp: 79412
Ion Ratio Lower Upper
96 100
61 154.7 109.1 202.7
63 111.8 85.3 158.3





#13

Acetone

Concen: 76.921 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

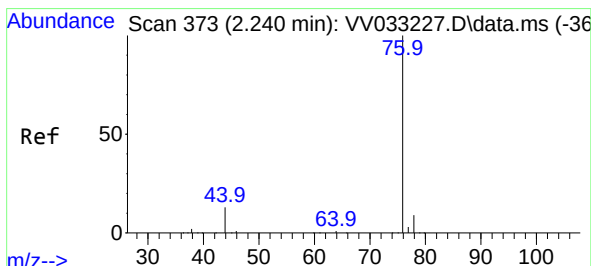
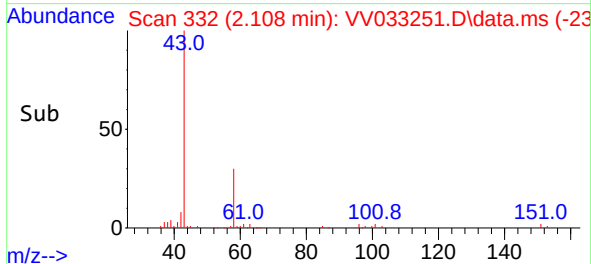
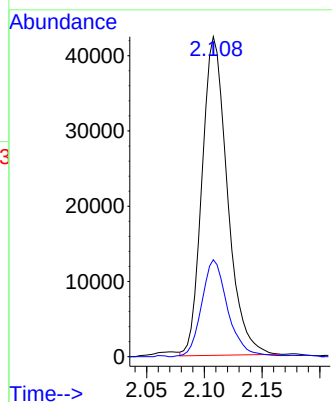
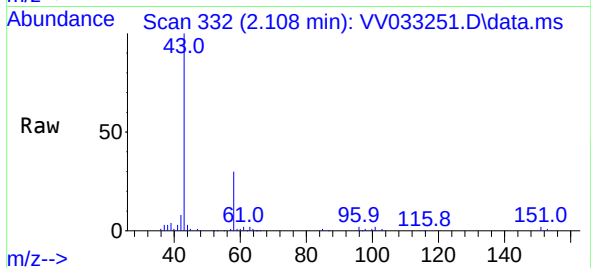
ClientSampleId :

Tgt Ion: 43 Resp: 64696

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8



#14

Carbon disulfide

Concen: 46.262 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033251.D

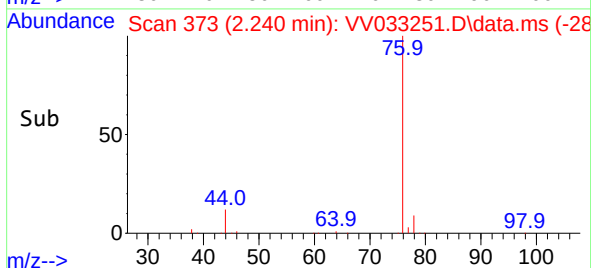
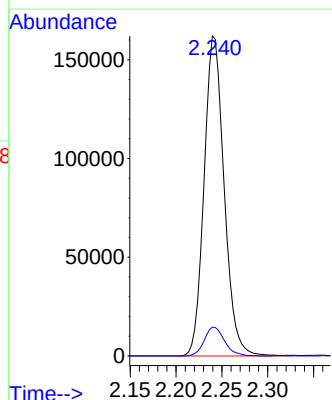
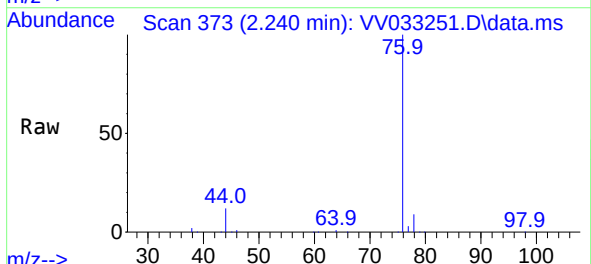
Acq: 12 Dec 2023 06:26

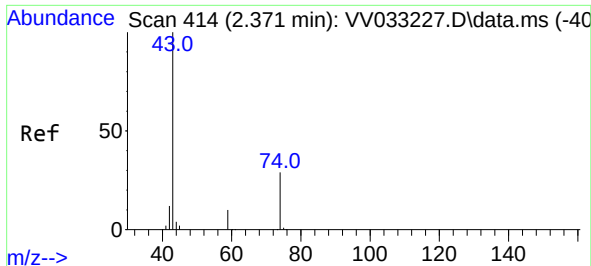
Tgt Ion: 76 Resp: 246911

Ion Ratio Lower Upper

76 100

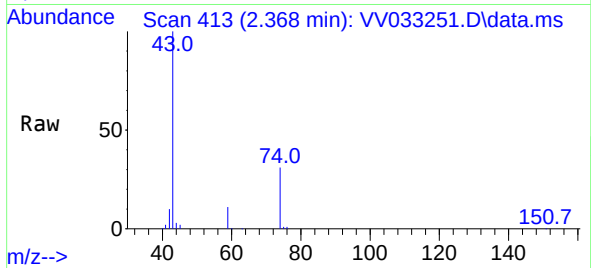
78 9.0 7.4 11.0



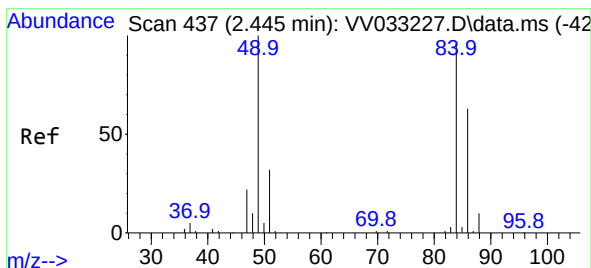
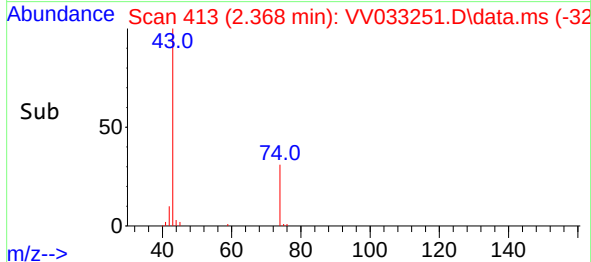
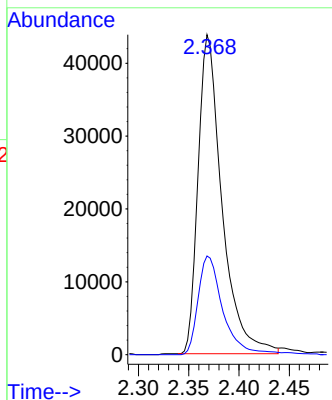


#15
Methyl Acetate
Concen: 51.623 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Instrument :
MSVOA_V
ClientSampleId :

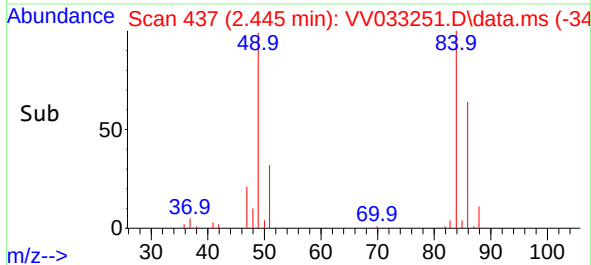
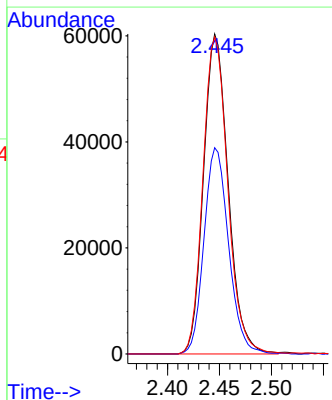
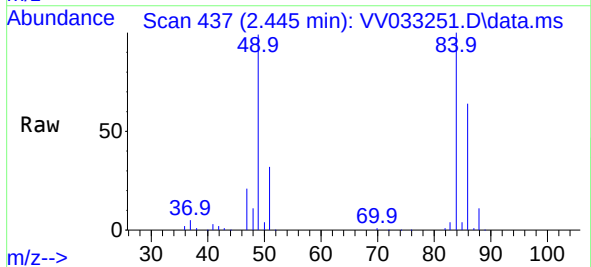


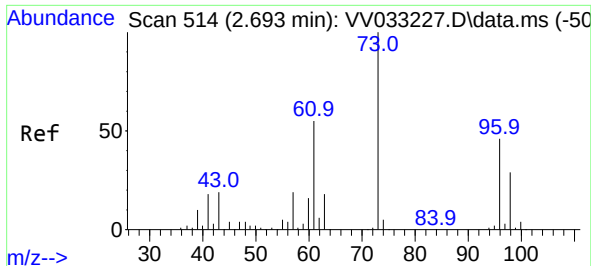
Tgt Ion: 43 Resp: 72366
Ion Ratio Lower Upper
43 100
74 31.9 22.6 33.8



#16
Methylene chloride
Concen: 50.483 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

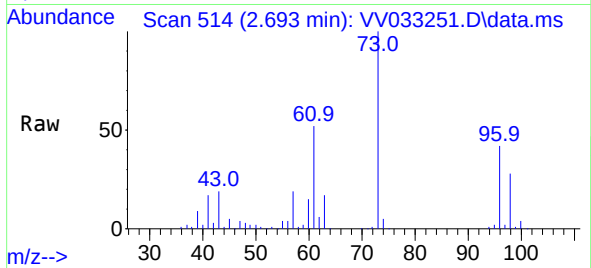
Tgt Ion: 84 Resp: 99443
Ion Ratio Lower Upper
84 100
86 64.4 45.9 85.3
49 99.1 75.5 140.1



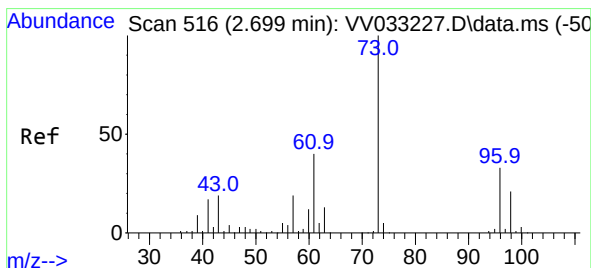
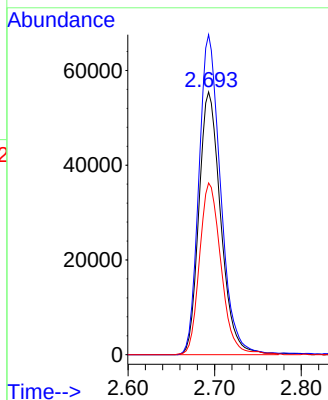
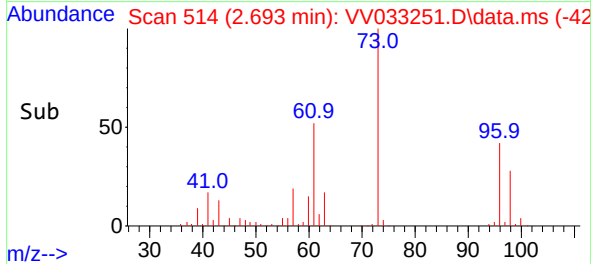


#17
trans-1,2-Dichloroethene
Concen: 49.701 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

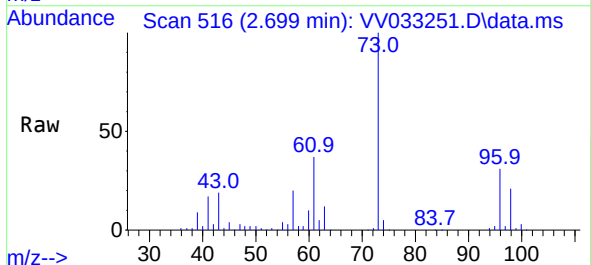
Instrument :
MSVOA_V
ClientSampleId :



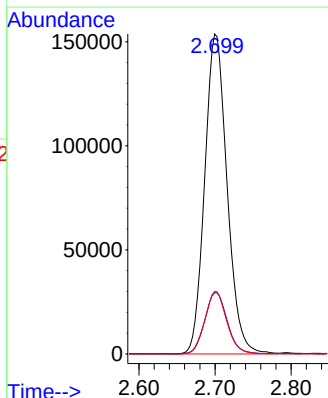
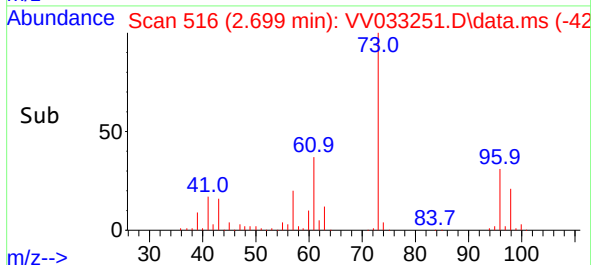
Tgt Ion: 96 Resp: 97075
Ion Ratio Lower Upper
96 100
61 121.8 86.5 160.6
98 65.3 45.1 83.7

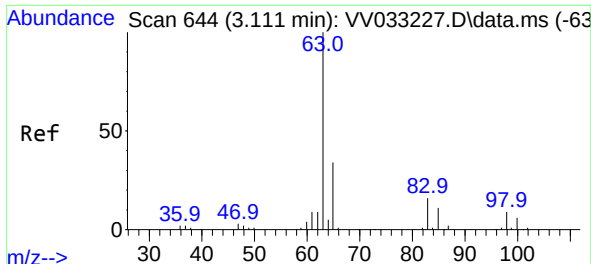


#18
Methyl tert-butyl Ether
Concen: 52.968 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26



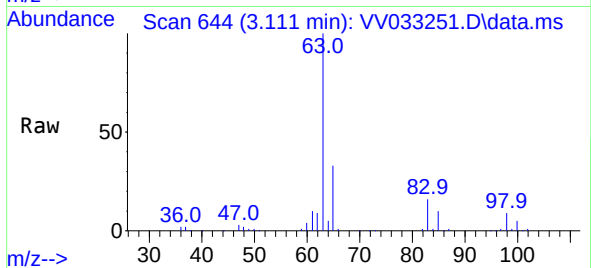
Tgt Ion: 73 Resp: 314283
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.2
57 19.2 16.1 24.1



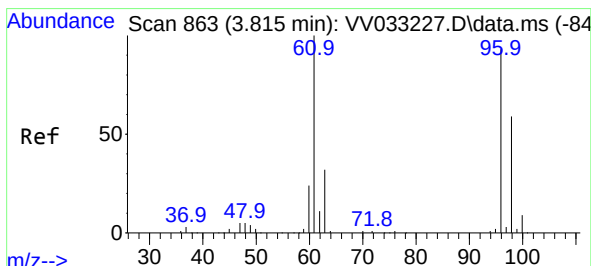
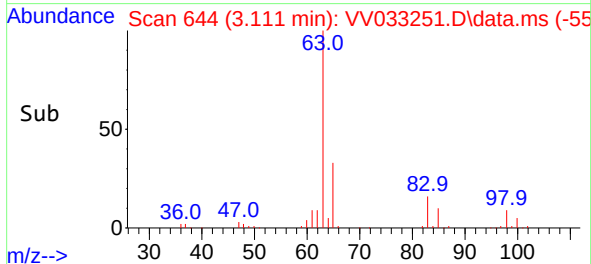
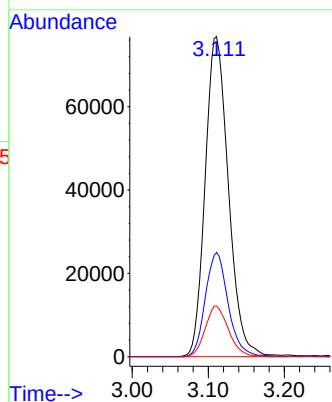


#19
1,1-Dichloroethane
Concen: 50.501 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Instrument :
MSVOA_V
ClientSampleId :

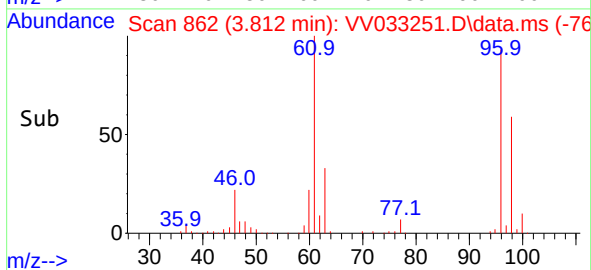
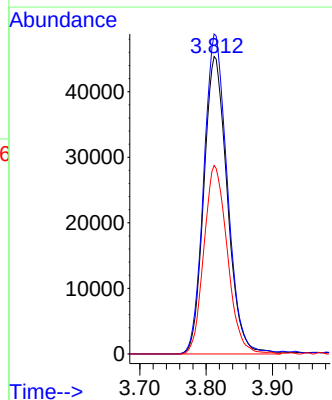
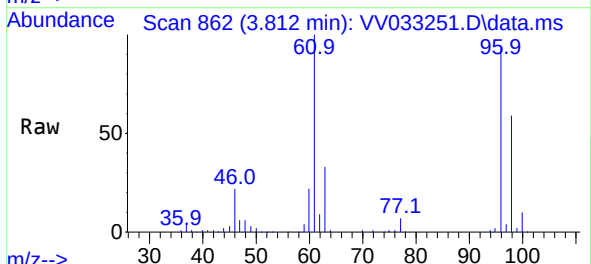


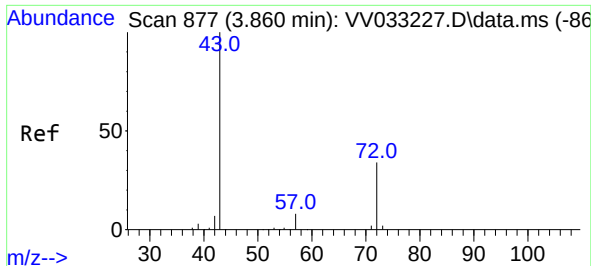
Tgt Ion: 63 Resp: 163256
Ion Ratio Lower Upper
63 100
65 32.5 23.0 42.6
83 15.9 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 53.734 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 96 Resp: 111363
Ion Ratio Lower Upper
96 100
61 107.6 79.1 146.9
98 63.4 45.1 83.7

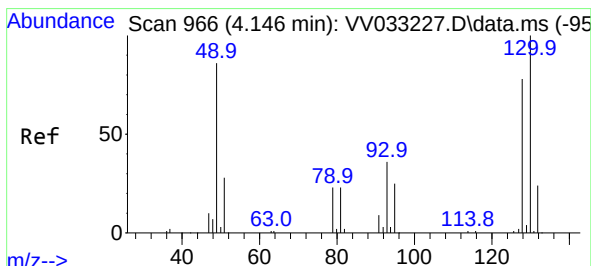
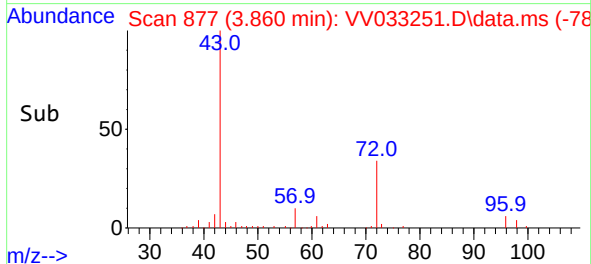
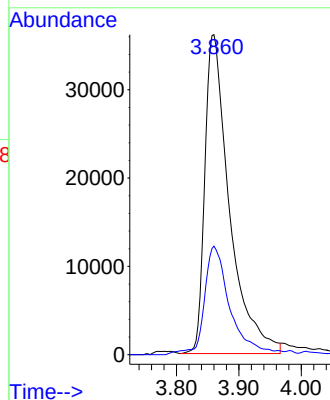
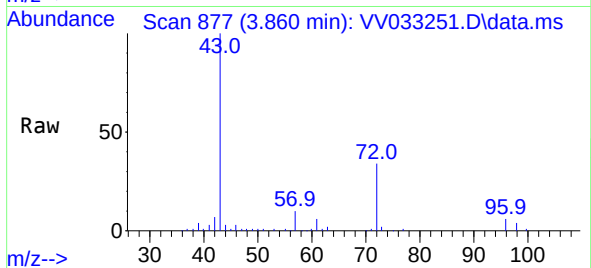




#22
2-Butanone
Concen: 92.582 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

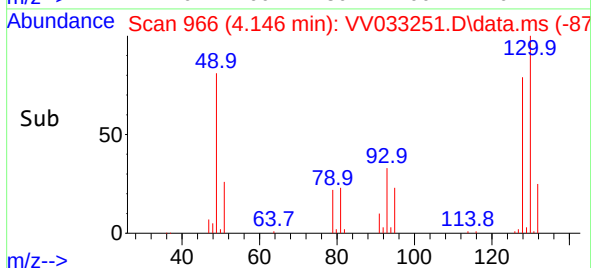
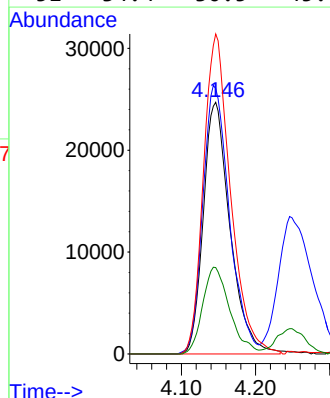
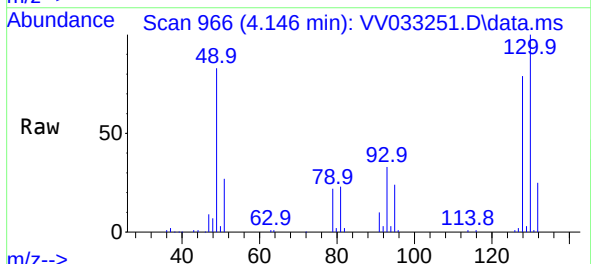
Instrument :
MSVOA_V
ClientSampleId :

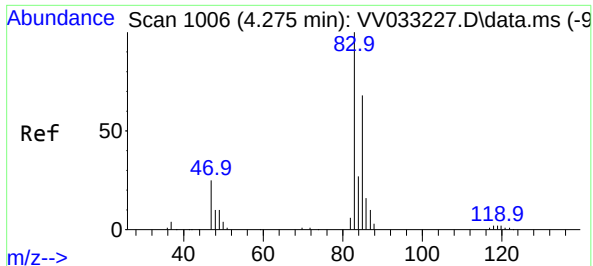
Tgt Ion: 43 Resp: 99095
Ion Ratio Lower Upper
43 100
72 34.5 14.6 43.8



#23
Bromochloromethane
Concen: 51.988 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion:128 Resp: 61866
Ion Ratio Lower Upper
128 100
49 105.5 81.7 151.7
130 127.2 90.1 167.3
51 34.4 30.5 45.7





#25

Chloroform

Concen: 52.287 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

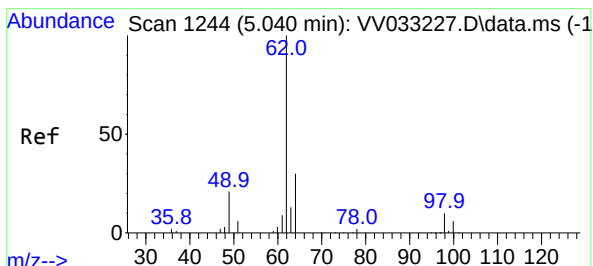
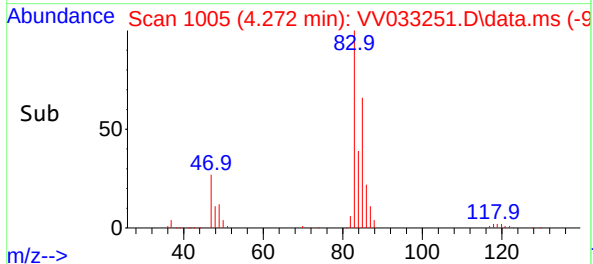
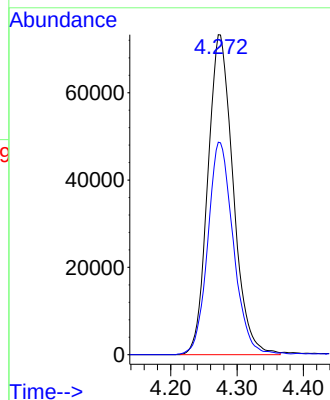
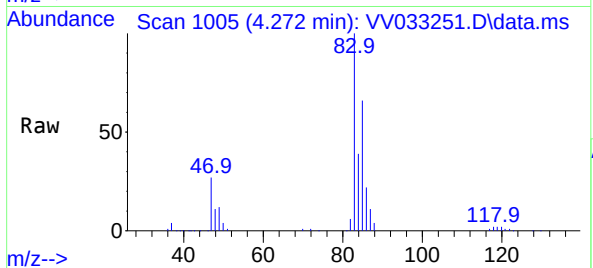
ClientSampleId :

Tgt Ion: 83 Resp: 194396

Ion Ratio Lower Upper

83 100

85 66.4 43.5 80.7



#27

1,2-Dichloroethane

Concen: 52.272 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033251.D

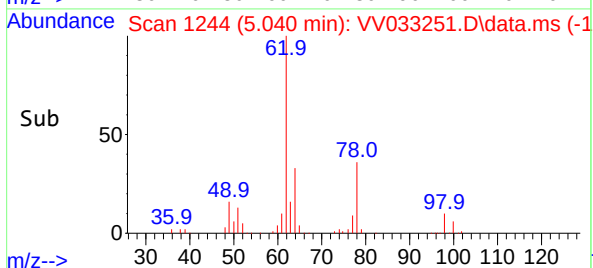
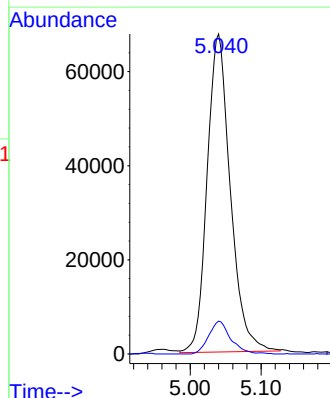
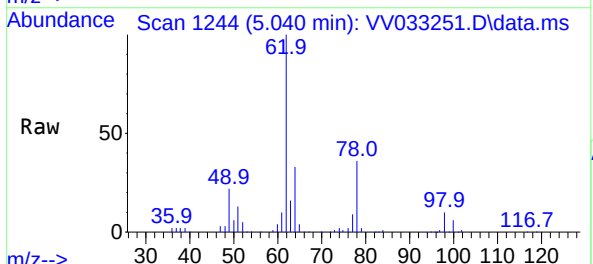
Acq: 12 Dec 2023 06:26

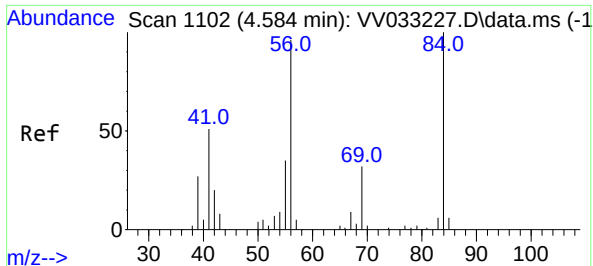
Tgt Ion: 62 Resp: 153570

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 46.746 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

ClientSampleId :

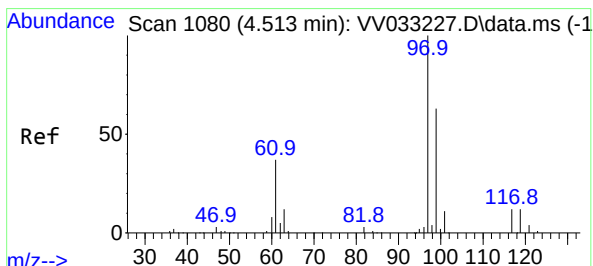
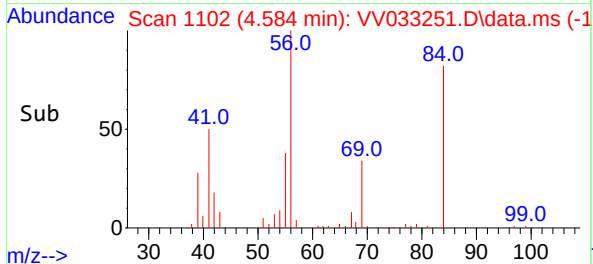
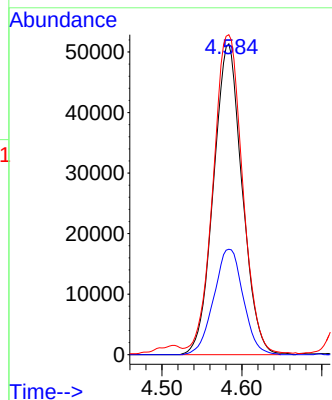
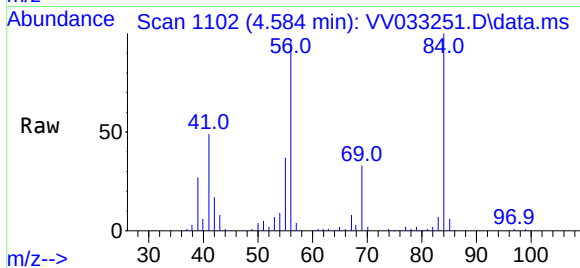
Tgt Ion: 56 Resp: 127608

Ion Ratio Lower Upper

56 100

69 34.9 26.9 40.3

84 104.5 80.6 121.0



#30

1,1,1-Trichloroethane

Concen: 52.224 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

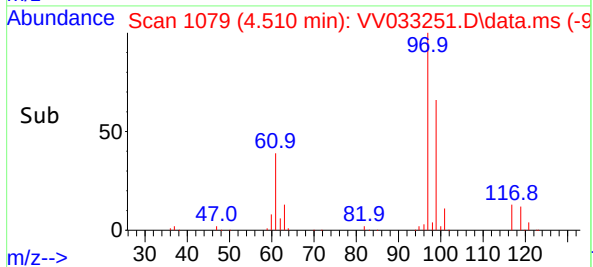
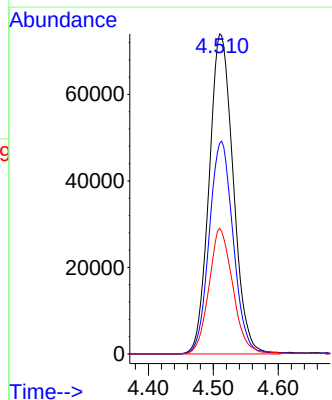
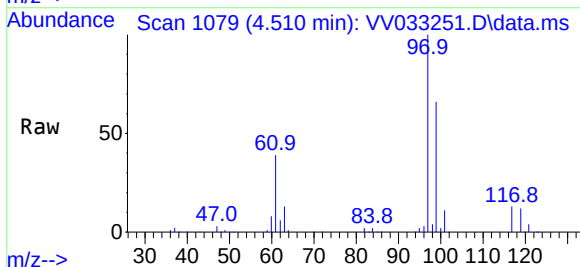
Tgt Ion: 97 Resp: 190753

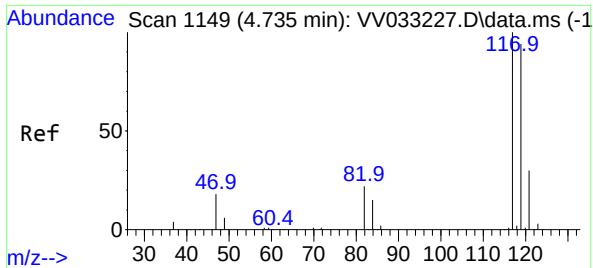
Ion Ratio Lower Upper

97 100

99 66.3 51.3 76.9

61 38.4 31.8 47.8

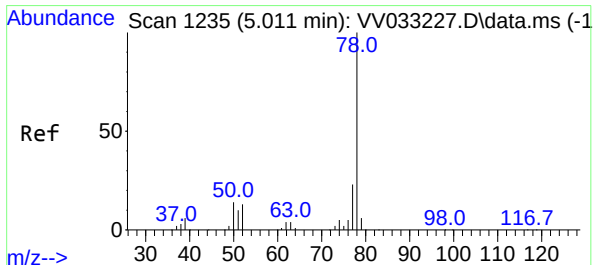
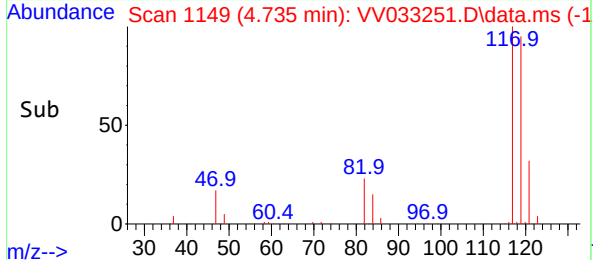
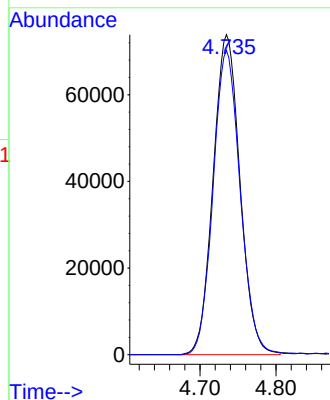
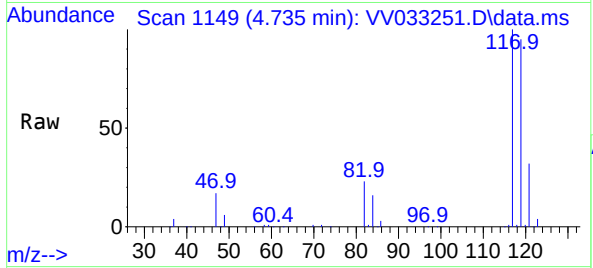




#31
Carbon tetrachloride
Concen: 53.325 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

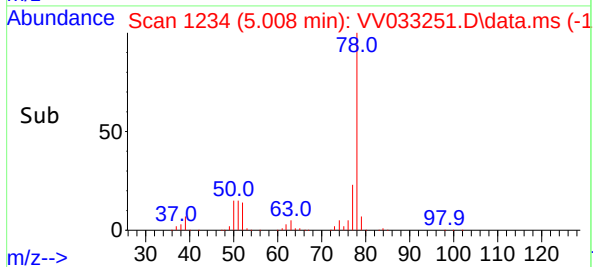
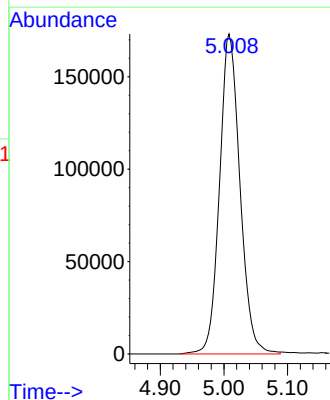
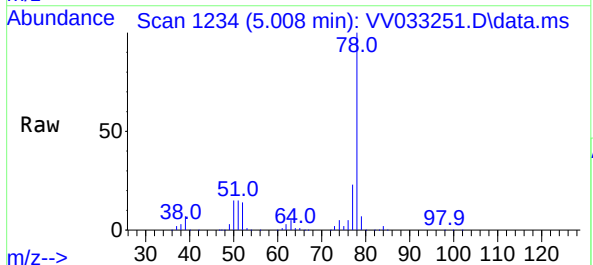
Instrument :
MSVOA_V
ClientSampleId :

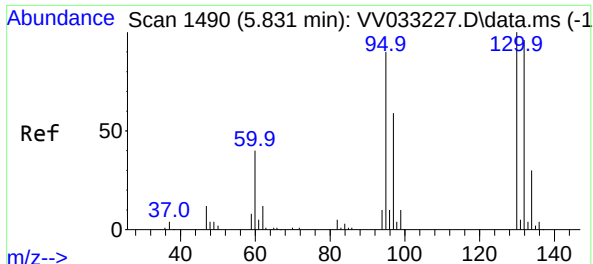
Tgt Ion:117 Resp: 181107
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 51.641 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

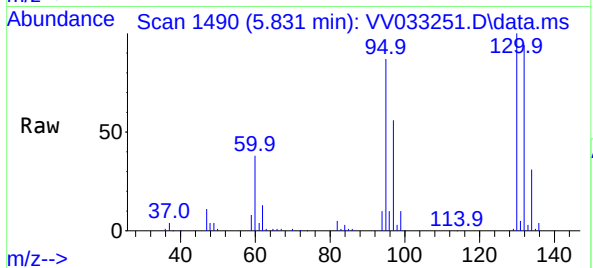
Tgt Ion: 78 Resp: 386766



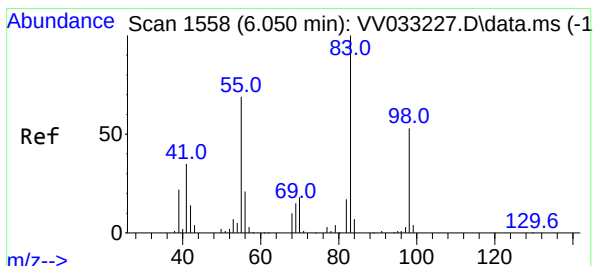
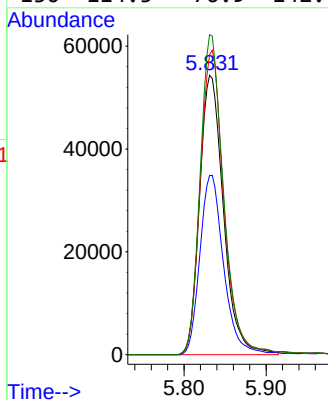
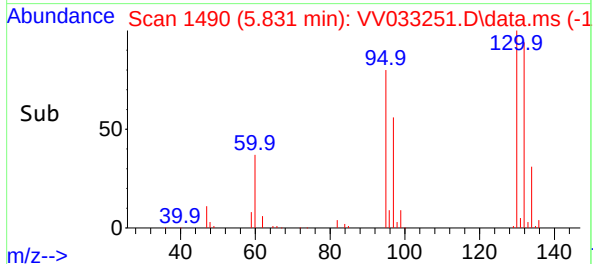


#34
Trichloroethene
Concen: 49.038 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

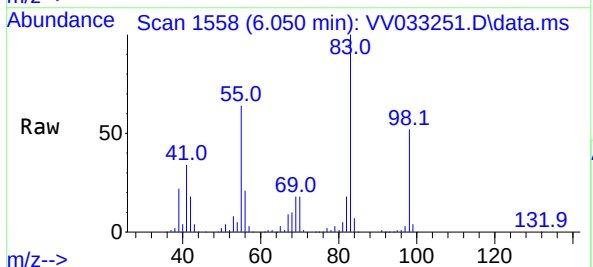
Instrument :
MSVOA_V
ClientSampleId :



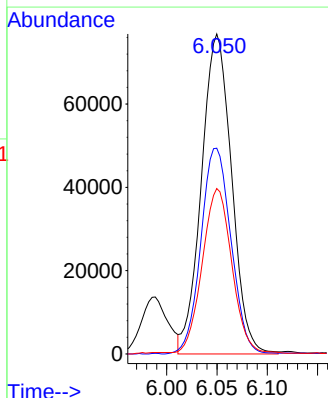
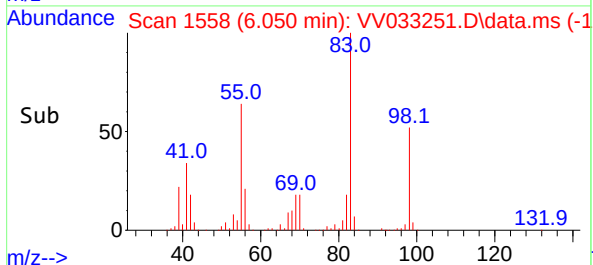
Tgt Ion: 95 Resp: 109724
Ion Ratio Lower Upper
95 100
97 64.1 45.8 85.0
132 107.3 77.4 143.8
130 114.5 76.9 142.7

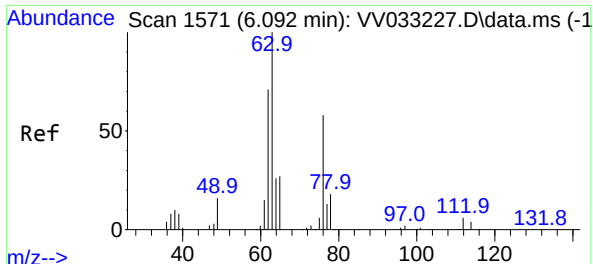


#35
Methylcyclohexane
Concen: 49.392 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26



Tgt Ion: 83 Resp: 160395
Ion Ratio Lower Upper
83 100
55 64.1 54.8 82.2
98 51.1 41.4 62.0

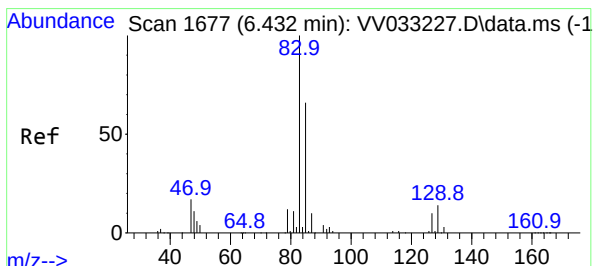
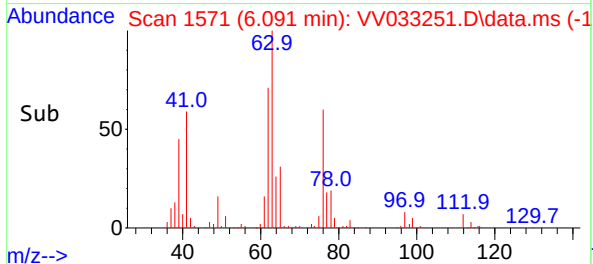
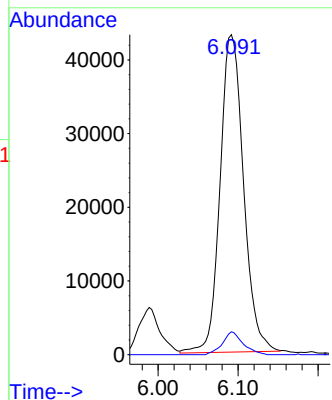
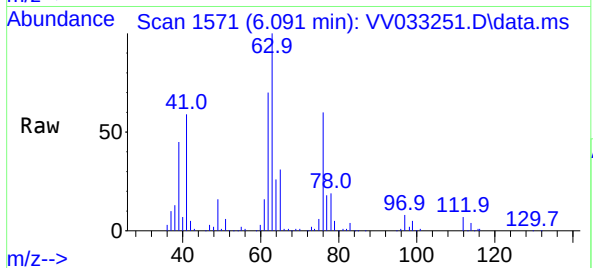




#37
1,2-Dichloropropane
Concen: 50.616 ug/L
RT: 6.091 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

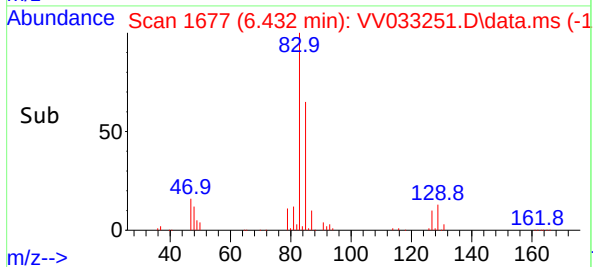
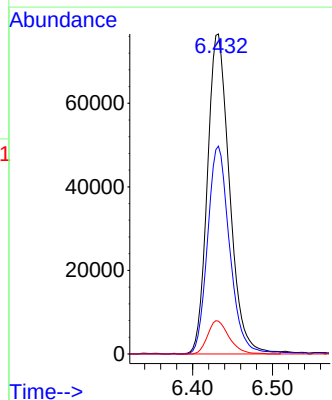
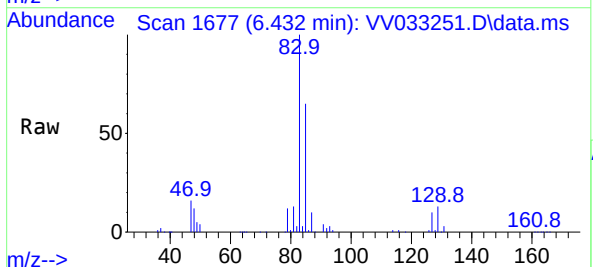
Instrument :
MSVOA_V
ClientSampleId :

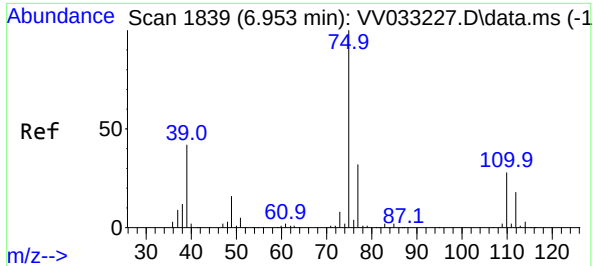
Tgt Ion: 63 Resp: 87734
Ion Ratio Lower Upper
63 100
112 6.3 4.6 6.8



#38
Bromodichloromethane
Concen: 52.794 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 83 Resp: 147526
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.6
127 10.3 7.4 11.2

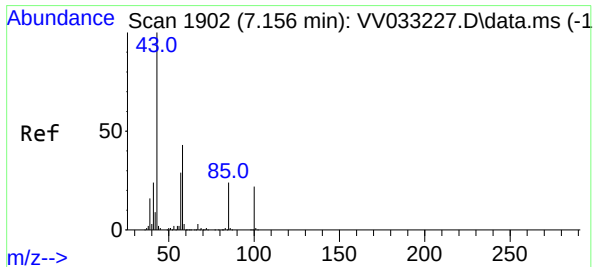
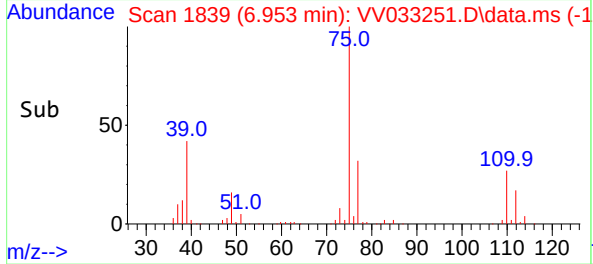
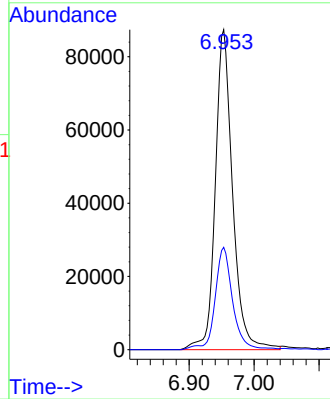
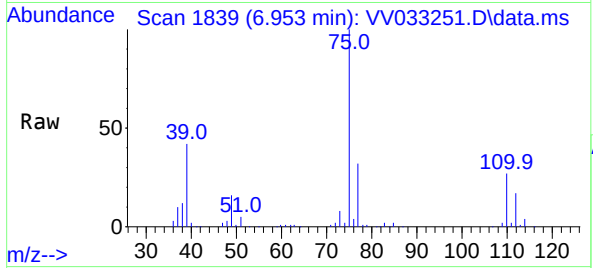




#39
cis-1,3-Dichloropropene
Concen: 51.337 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

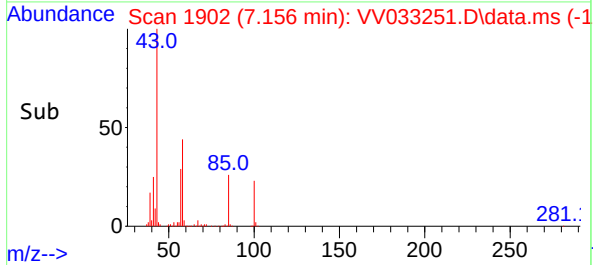
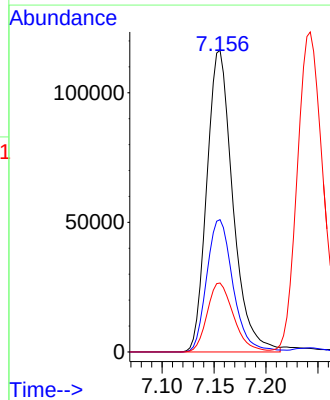
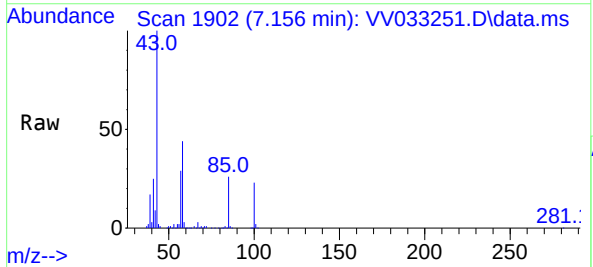
Instrument :
MSVOA_V
ClientSampleId :

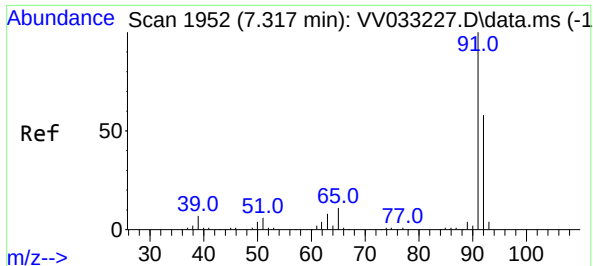
Tgt Ion: 75 Resp: 161466
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 110.346 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 43 Resp: 203077
Ion Ratio Lower Upper
43 100
58 44.4 34.5 51.7
100 23.1 17.0 25.6





#42

Toluene

Concen: 52.911 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

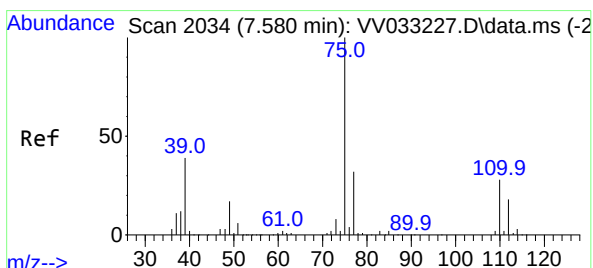
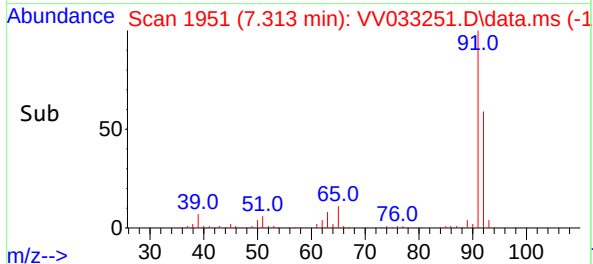
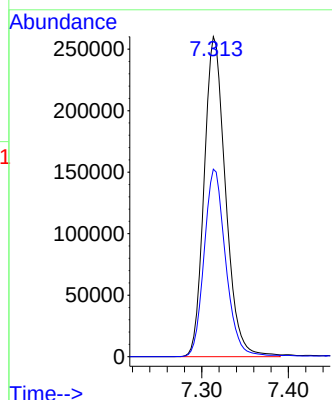
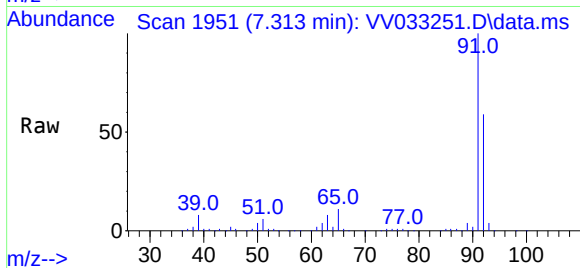
ClientSampleId :

Tgt Ion: 91 Resp: 446552

Ion Ratio Lower Upper

91 100

92 58.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 51.179 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033251.D

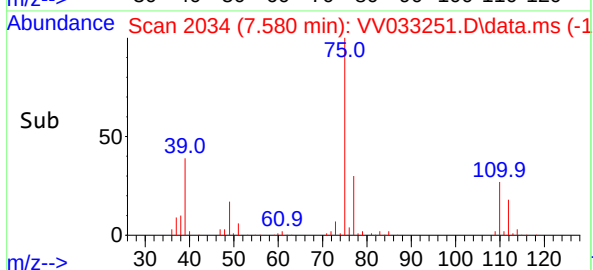
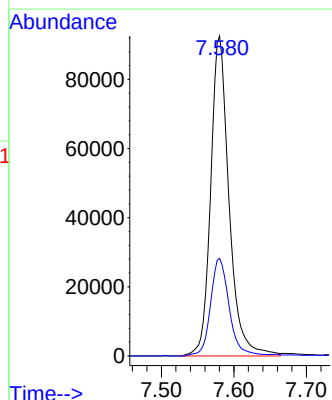
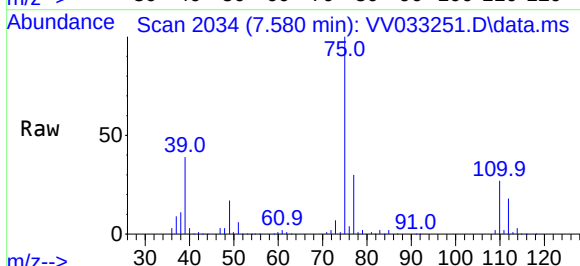
Acq: 12 Dec 2023 06:26

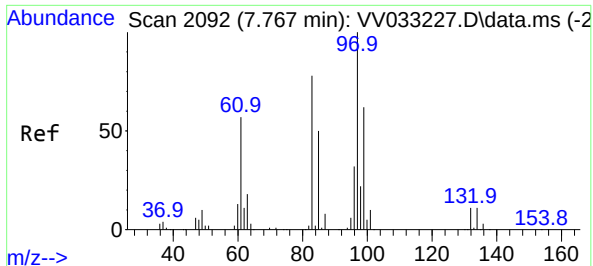
Tgt Ion: 75 Resp: 162768

Ion Ratio Lower Upper

75 100

77 30.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 53.952 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 108429

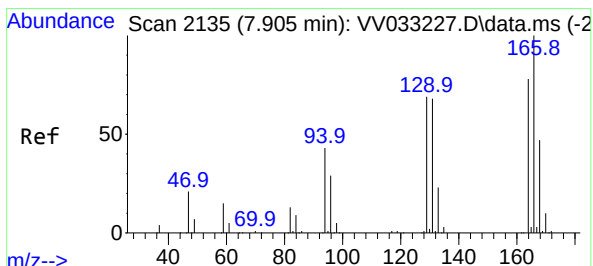
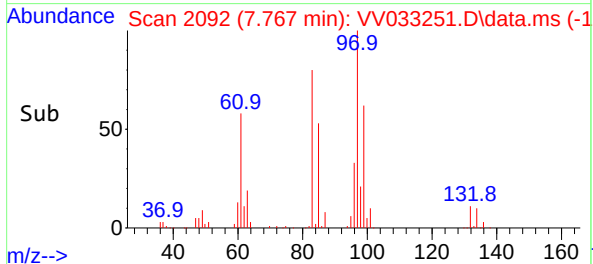
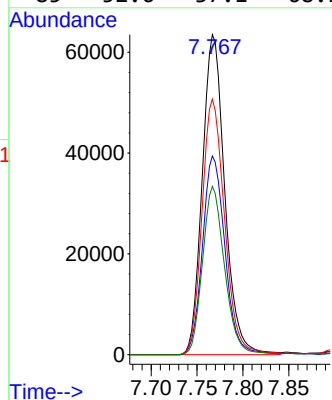
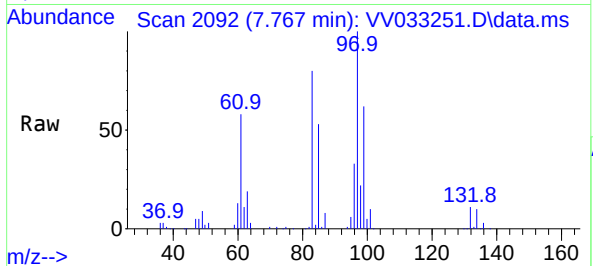
Ion Ratio Lower Upper

97 100

99 62.1 43.2 80.2

83 79.8 55.8 103.6

85 52.6 37.1 68.9



#46

Tetrachloroethene

Concen: 51.513 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Tgt Ion:164 Resp: 99083

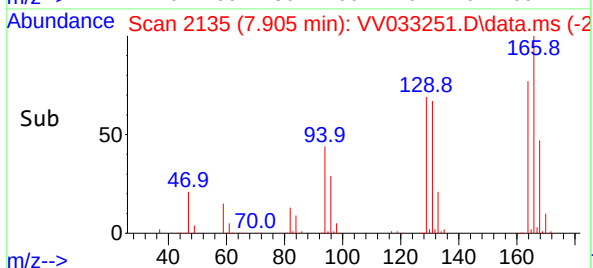
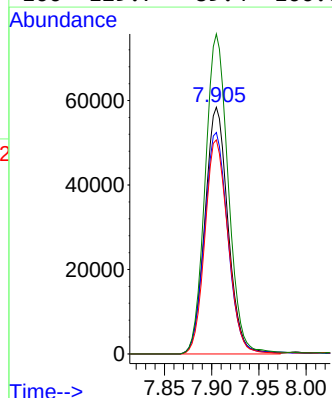
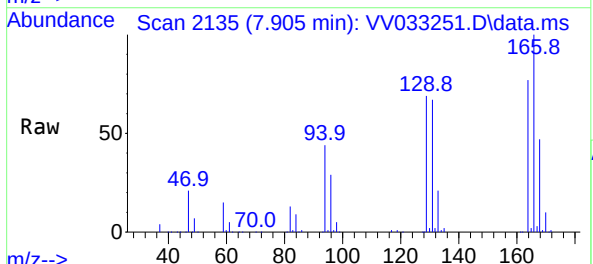
Ion Ratio Lower Upper

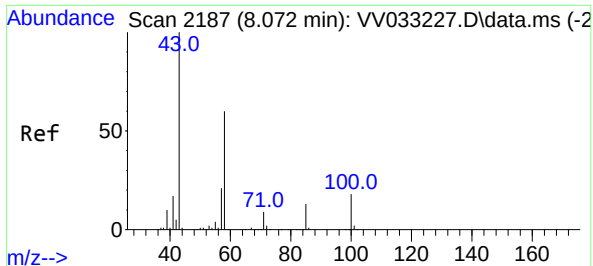
164 100

129 89.8 65.6 121.8

131 86.8 64.7 120.1

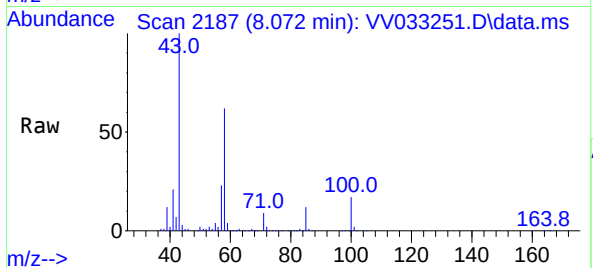
166 129.7 89.4 166.0





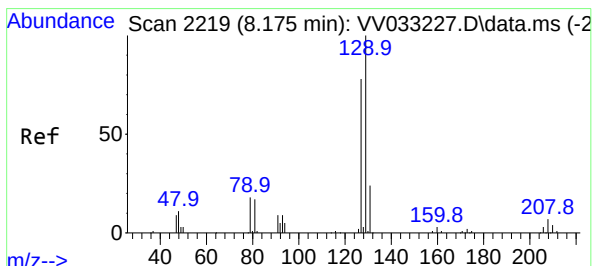
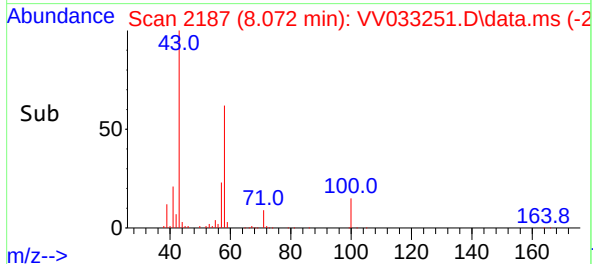
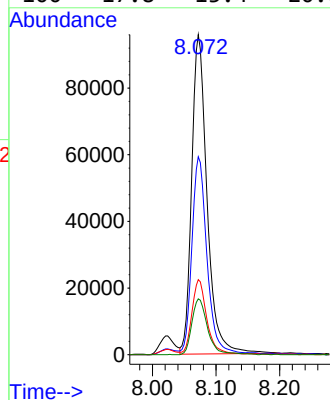
#48
2-Hexanone
Concen: 105.402 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 160827

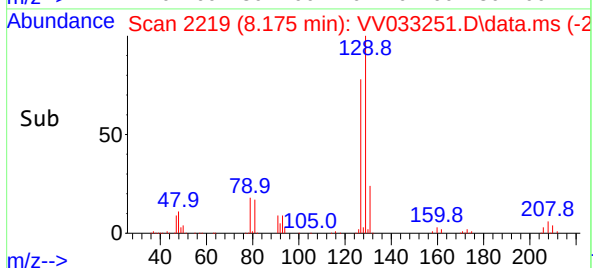
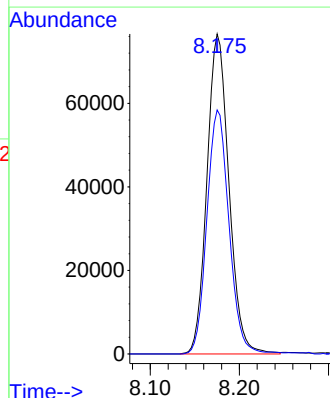
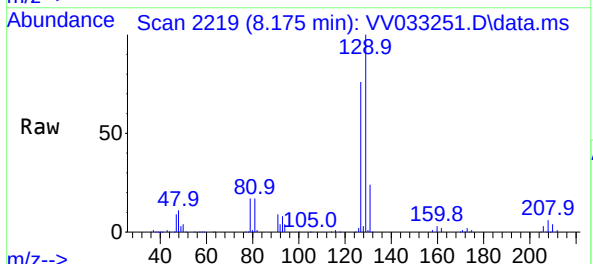
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.9	71.9
57	22.8	17.4	26.0
100	17.8	13.4	20.0

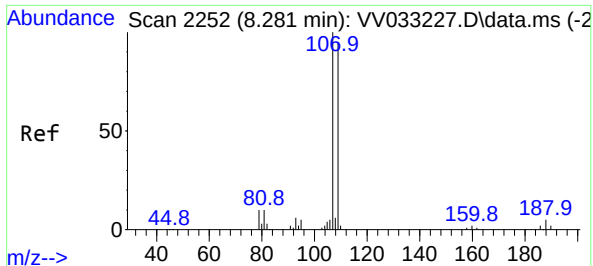


#49
Dibromochloromethane
Concen: 54.779 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 129 Resp: 131423

Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.1	100.5

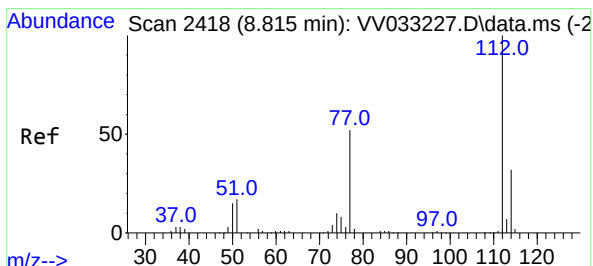
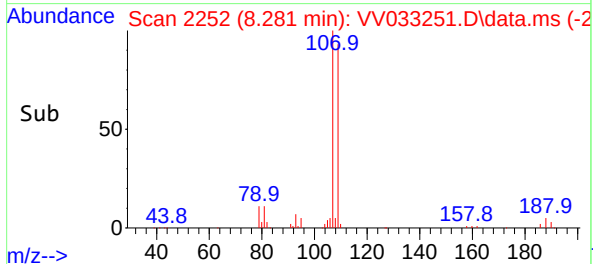
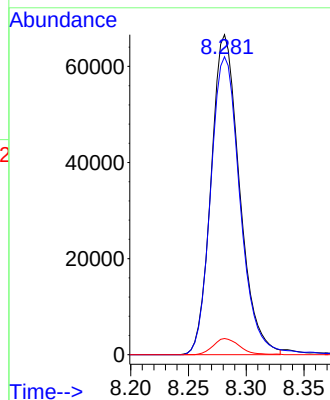
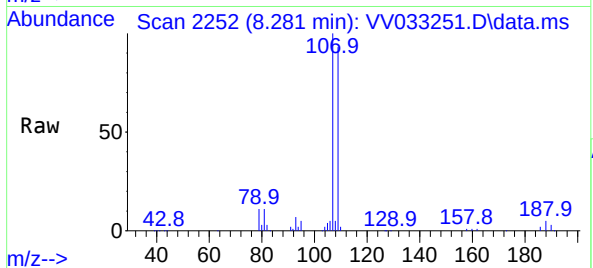




#50
1,2-Dibromoethane
Concen: 53.347 ug/L
RT: 8.281 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

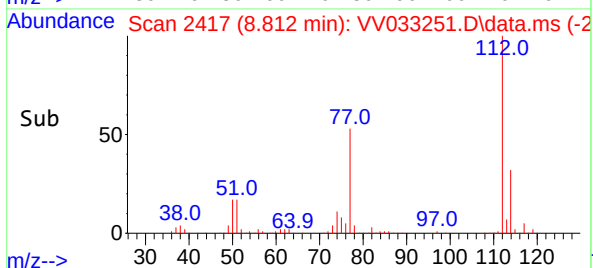
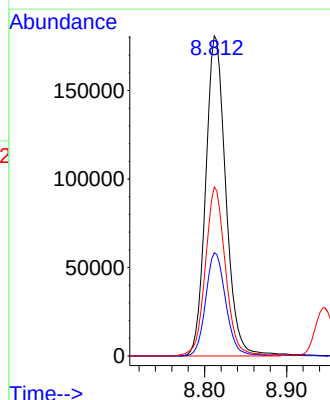
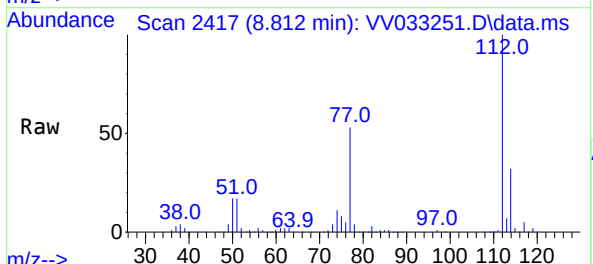
Instrument :
MSVOA_V
ClientSampleId :

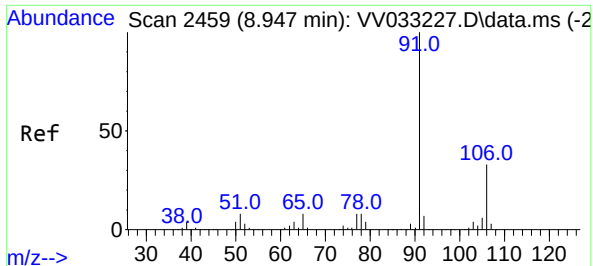
Tgt Ion:107 Resp: 114304
Ion Ratio Lower Upper
107 100
109 93.1 65.2 121.2
188 5.1 3.8 5.6



#51
Chlorobenzene
Concen: 51.893 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion:112 Resp: 307982
Ion Ratio Lower Upper
112 100
114 32.2 22.9 42.5
77 52.8 42.6 64.0

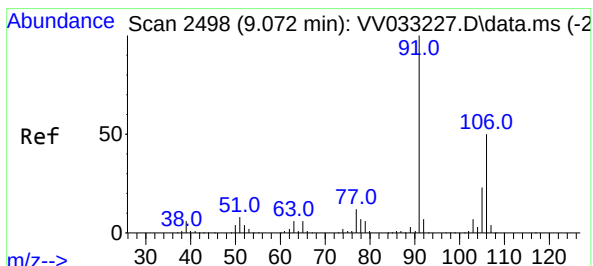
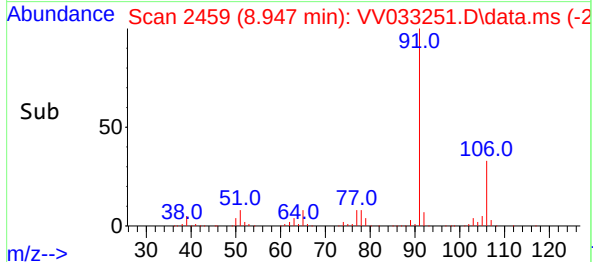
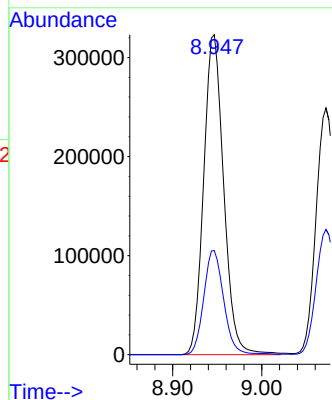
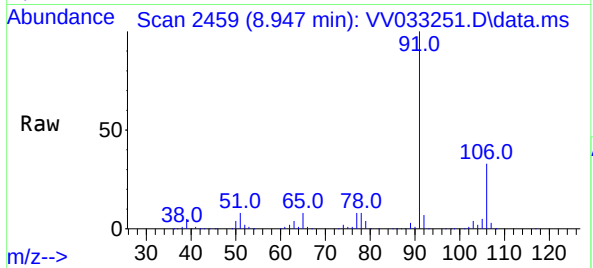




#52
Ethylbenzene
Concen: 51.769 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

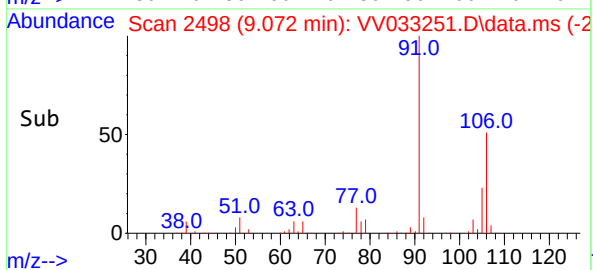
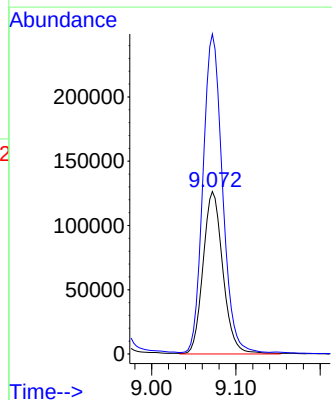
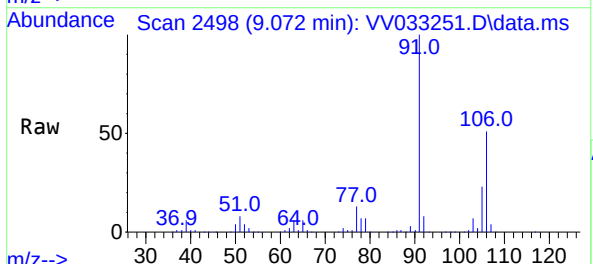
Instrument :
MSVOA_V
ClientSampleId :

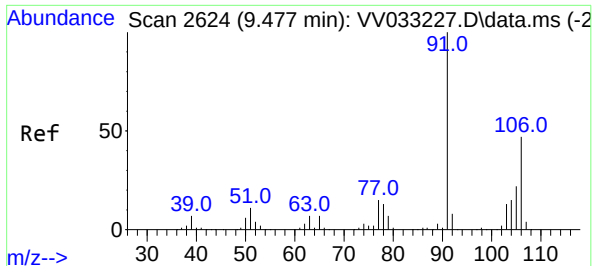
Tgt Ion: 91 Resp: 502909
Ion Ratio Lower Upper
91 100
106 32.6 22.6 42.0



#53
m,p-Xylene
Concen: 53.877 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 106 Resp: 207269
Ion Ratio Lower Upper
106 100
91 197.0 145.2 269.6

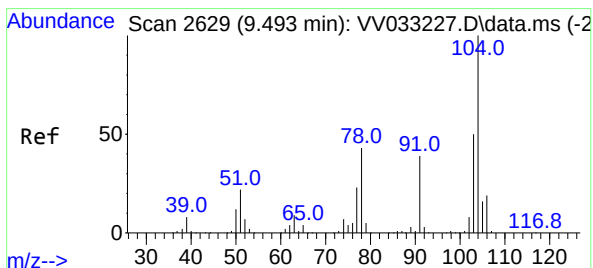
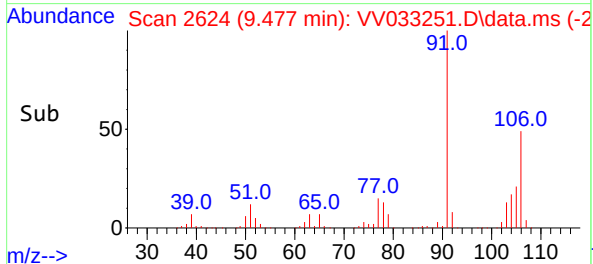
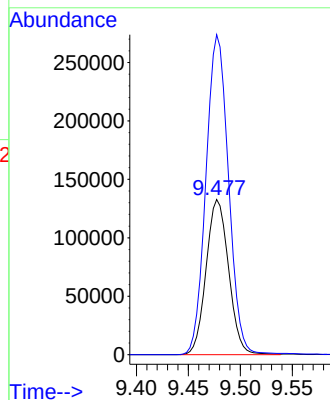
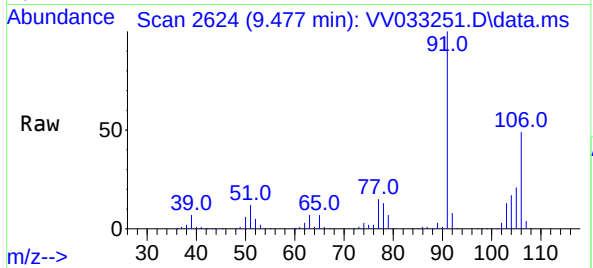




#54
o-Xylene
Concen: 52.757 ug/L
RT: 9.477 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

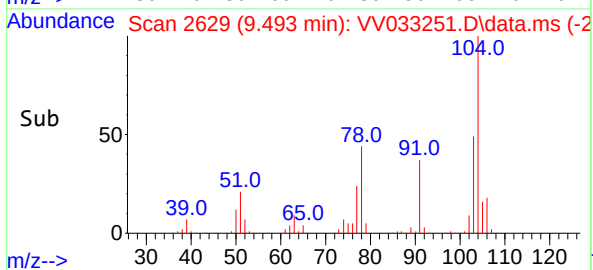
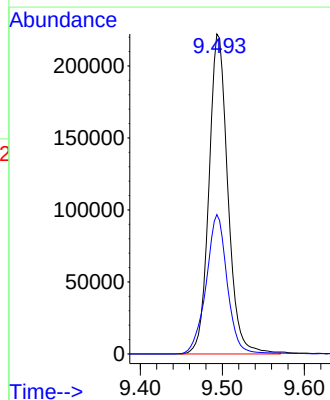
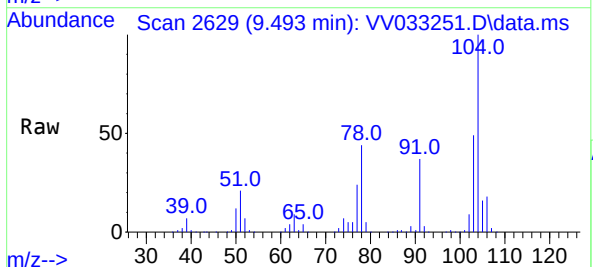
Instrument :
MSVOA_V
ClientSampleId :

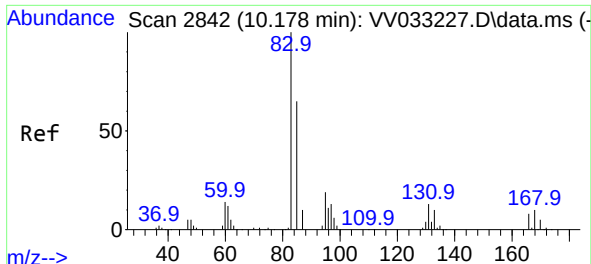
Tgt Ion:106 Resp: 200273
Ion Ratio Lower Upper
106 100
91 206.2 147.8 274.6



#55
Styrene
Concen: 54.288 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion:104 Resp: 356516
Ion Ratio Lower Upper
104 100
78 43.6 30.2 56.0

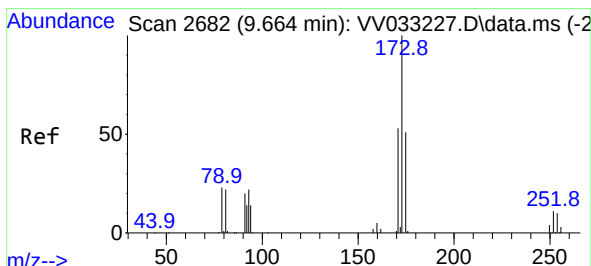
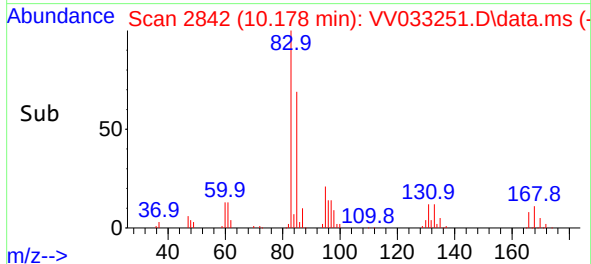
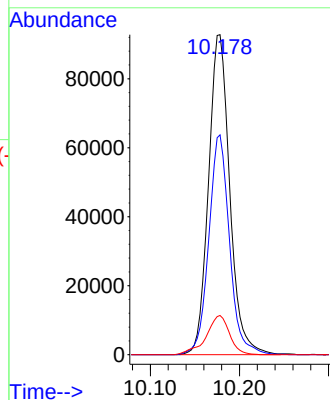
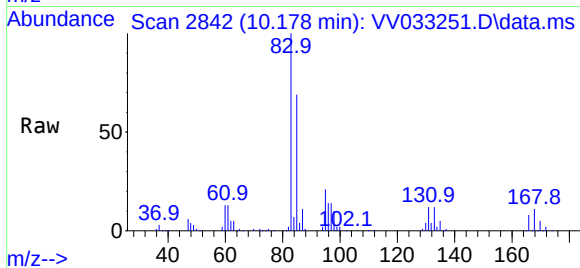




#57
1,1,2,2-Tetrachloroethane
Concen: 56.045 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

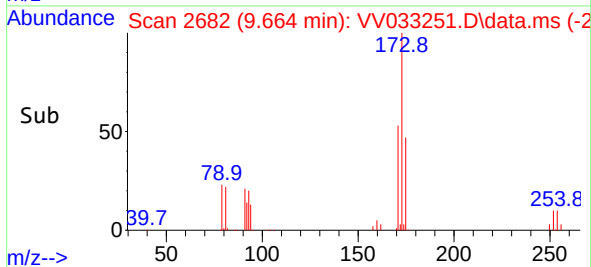
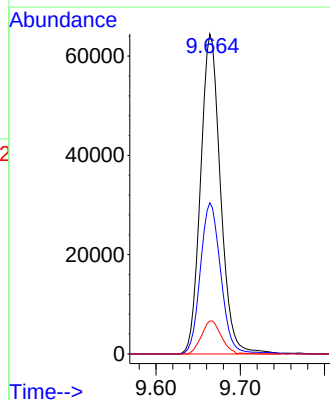
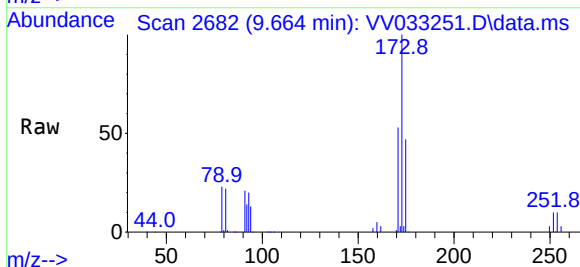
Instrument :
MSVOA_V
ClientSampleId :

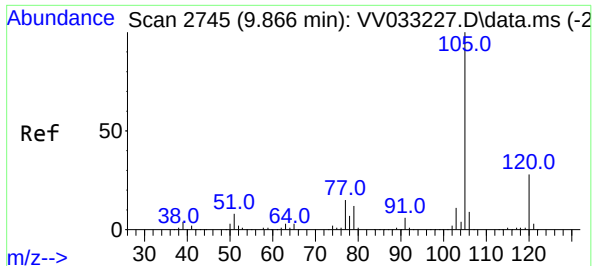
Tgt Ion: 83 Resp: 153890
Ion Ratio Lower Upper
83 100
85 68.7 45.5 84.5
131 12.2 9.7 14.5



#59
Bromoform
Concen: 53.938 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 173 Resp: 106204
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 10.2 8.0 12.0

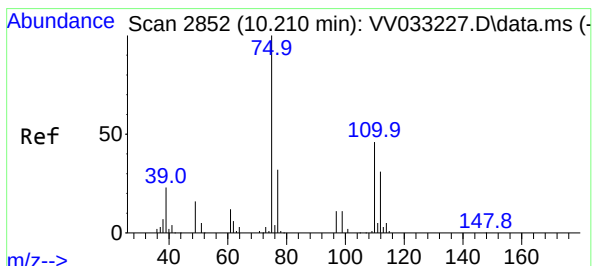
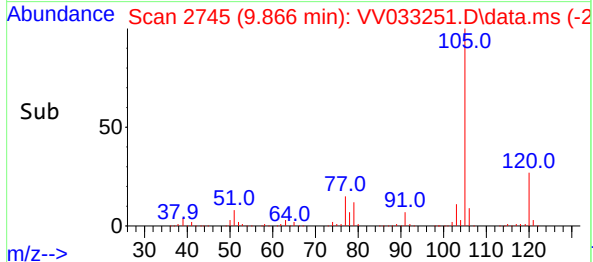
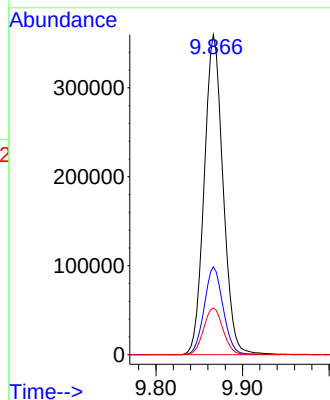
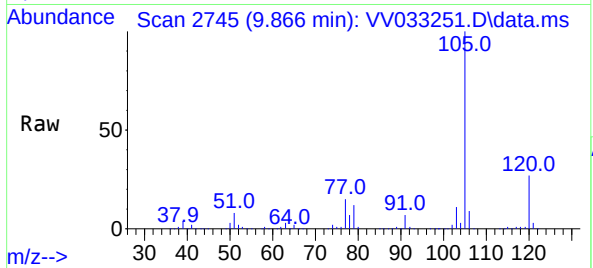




#60
Isopropylbenzene
Concen: 51.968 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

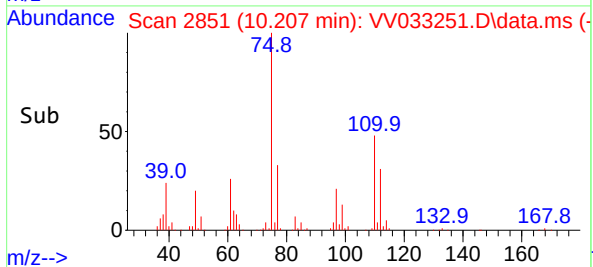
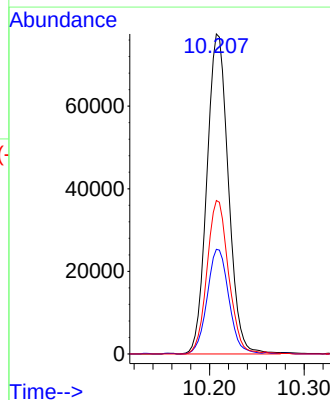
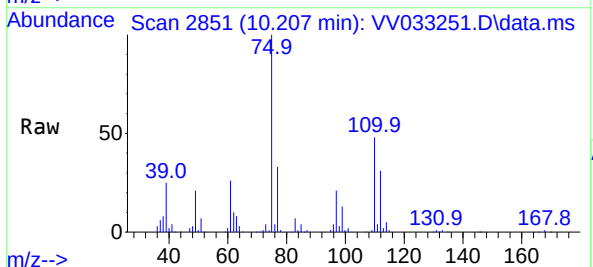
Instrument :
MSVOA_V
ClientSampleId :

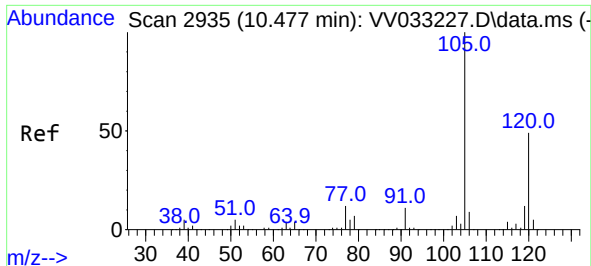
Tgt Ion:105 Resp: 543624
Ion Ratio Lower Upper
105 100
120 27.6 21.3 31.9
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 54.149 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion: 75 Resp: 122495
Ion Ratio Lower Upper
75 100
77 33.0 27.0 40.6
110 48.0 38.1 57.1

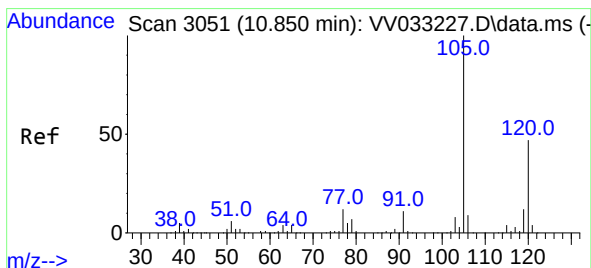
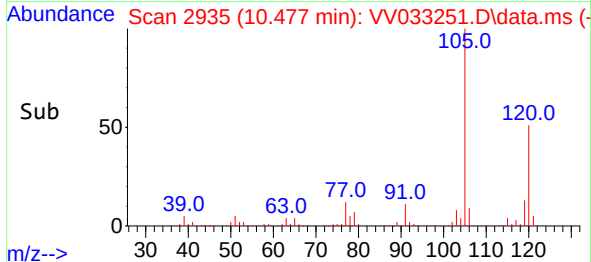
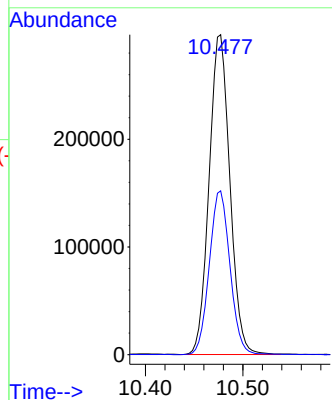
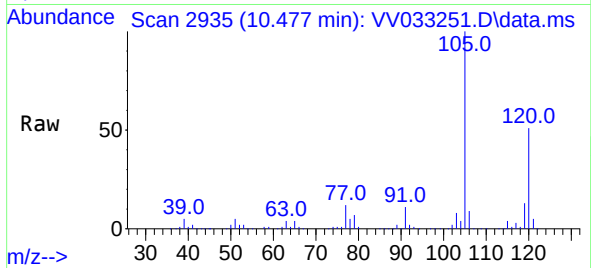




#62
 1,3,5-Trimethylbenzene
 Concen: 52.152 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VV033251.D
 Acq: 12 Dec 2023 06:26

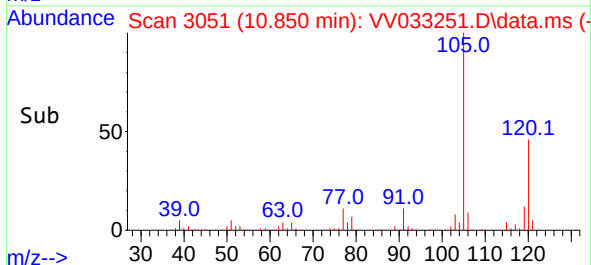
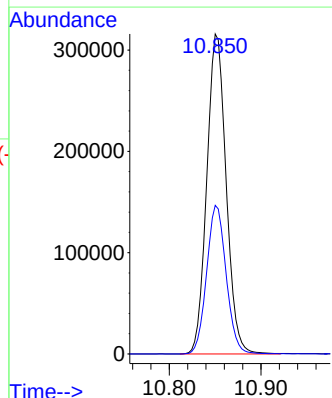
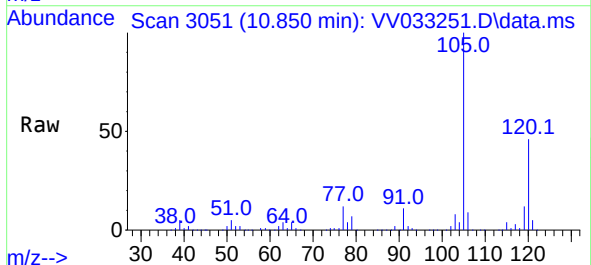
Instrument :
 MSVOA_V
 ClientSampleId :

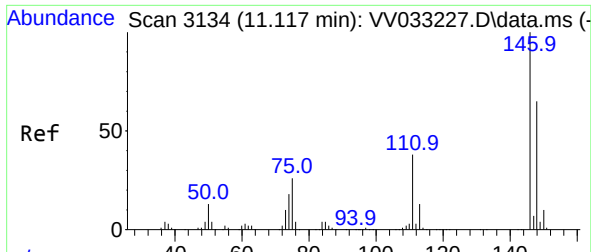
Tgt Ion:105 Resp: 439539
 Ion Ratio Lower Upper
 105 100
 120 51.0 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 52.813 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.000 min
 Lab File: VV033251.D
 Acq: 12 Dec 2023 06:26

Tgt Ion:105 Resp: 463555
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.7 55.1

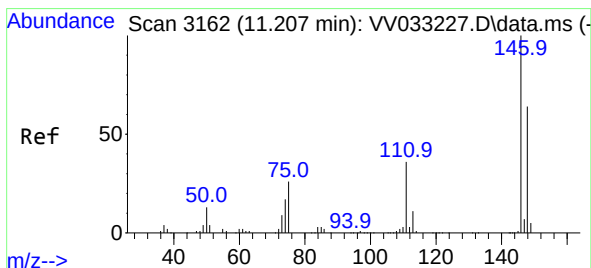
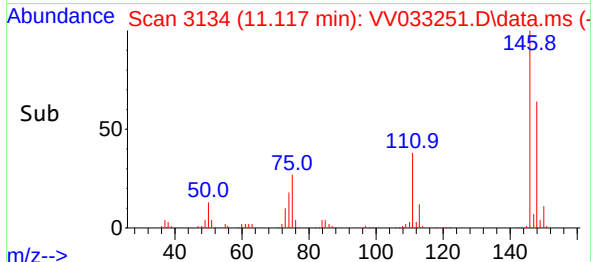
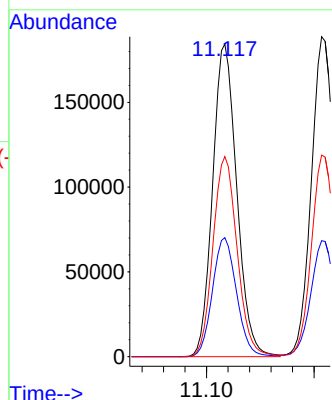
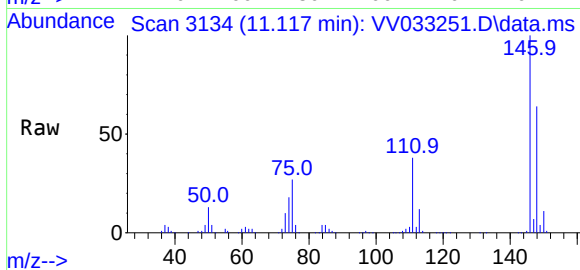




#64
1,3-Dichlorobenzene
Concen: 51.428 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

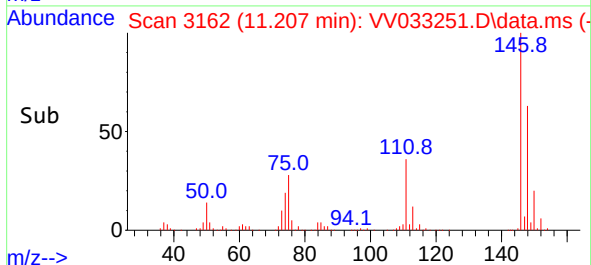
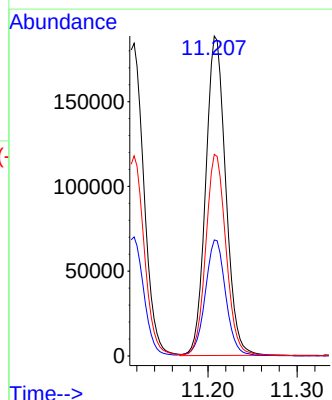
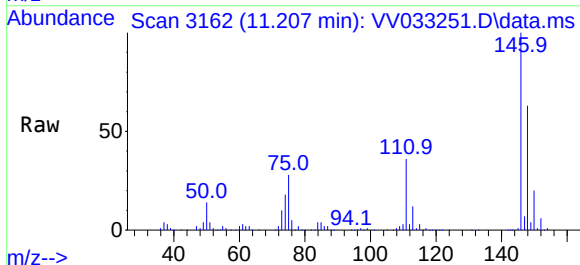
Instrument :
MSVOA_V
ClientSampleId :

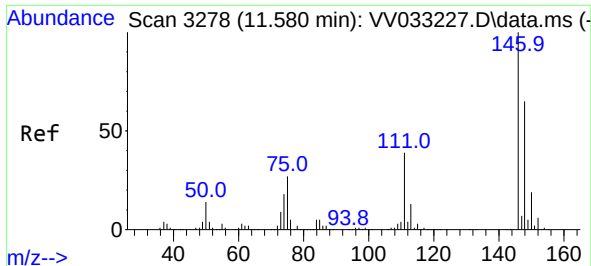
Tgt Ion:146 Resp: 287408
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.6
148 64.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 50.601 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion:146 Resp: 293750
Ion Ratio Lower Upper
146 100
111 36.3 25.9 48.1
148 63.0 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 51.818 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

ClientSampleId :

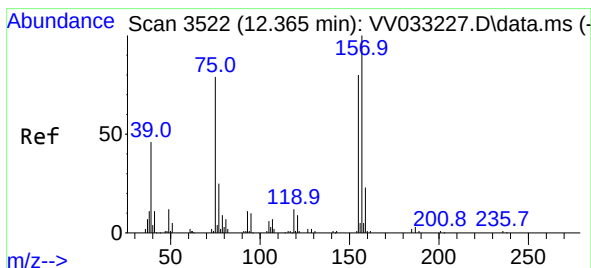
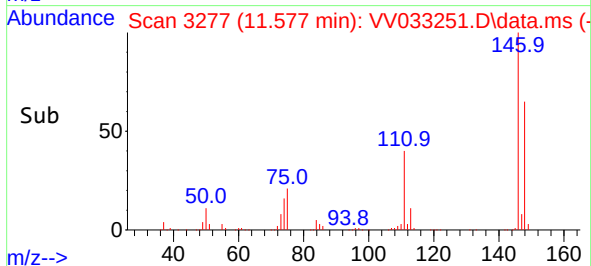
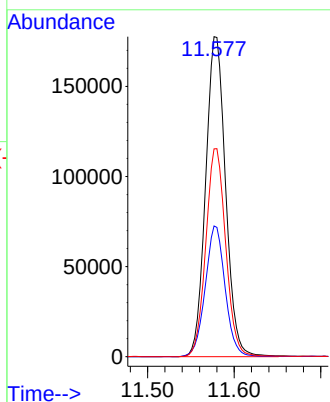
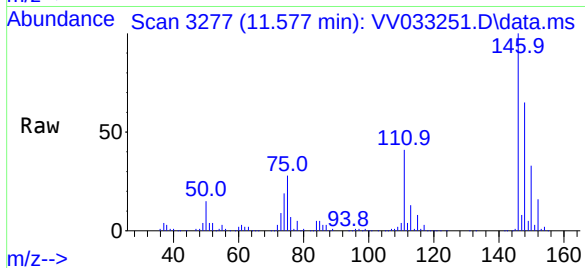
Tgt Ion:146 Resp: 283900

Ion Ratio Lower Upper

146 100

111 40.9 32.4 48.6

148 65.0 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 54.622 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

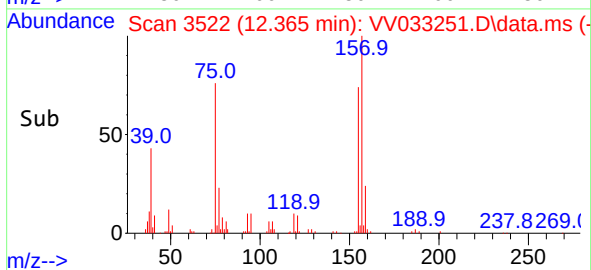
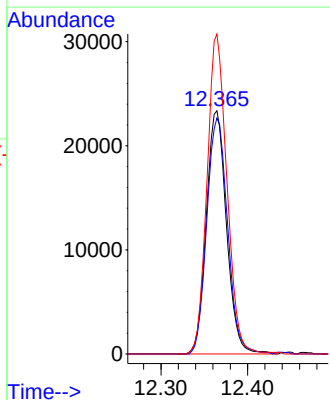
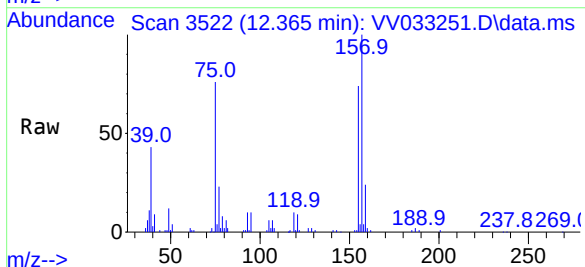
Tgt Ion: 75 Resp: 37915

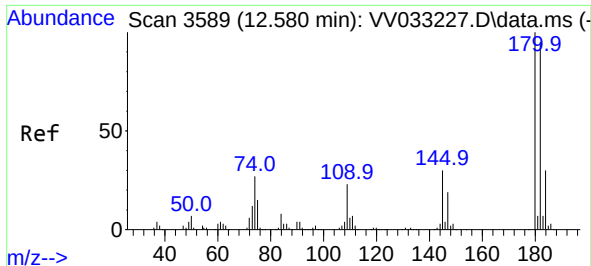
Ion Ratio Lower Upper

75 100

155 97.0 75.8 113.6

157 131.6 95.4 143.0





#69

1,3,5-Trichlorobenzene

Concen: 48.912 ug/L

RT: 12.583 min Scan# 31

Delta R.T. -0.000 min

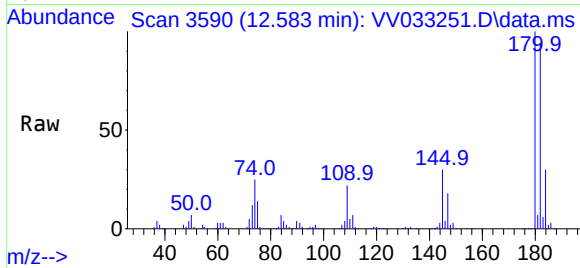
Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 218952

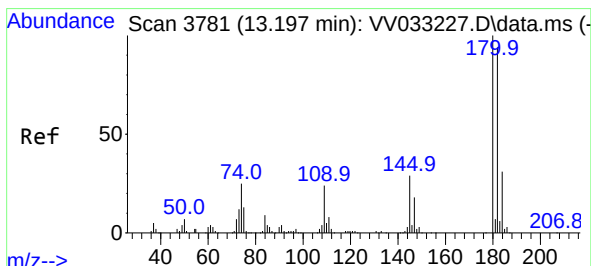
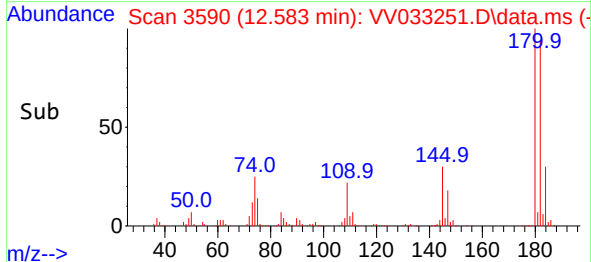
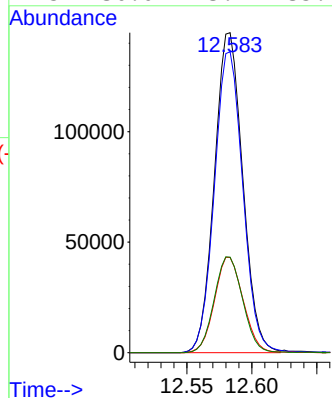
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

184 30.1 24.2 36.4

145 30.0 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 50.448 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033251.D

Acq: 12 Dec 2023 06:26

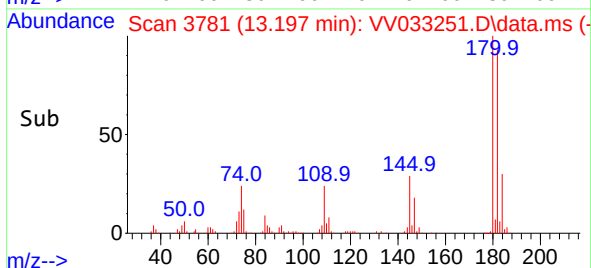
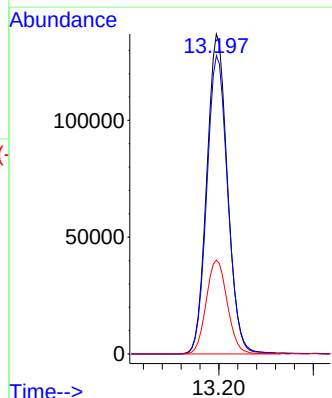
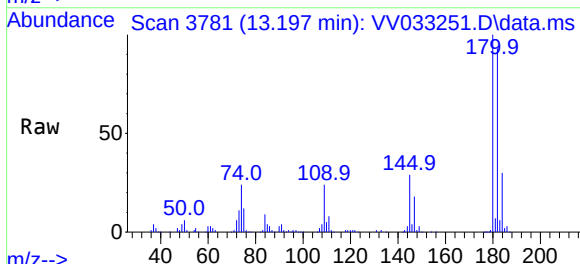
Tgt Ion:180 Resp: 208639

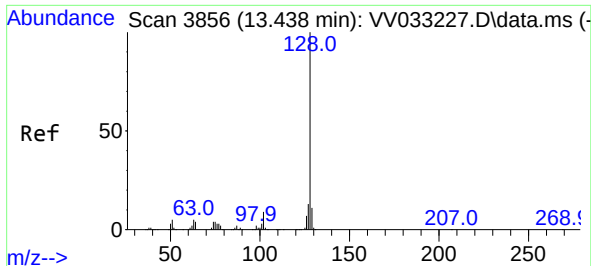
Ion Ratio Lower Upper

180 100

182 94.1 76.3 114.5

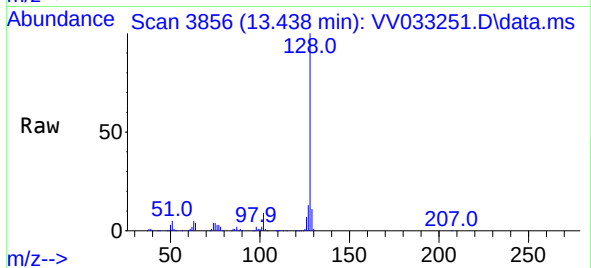
145 29.8 23.4 35.0



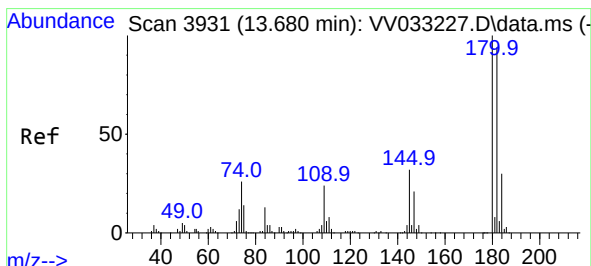
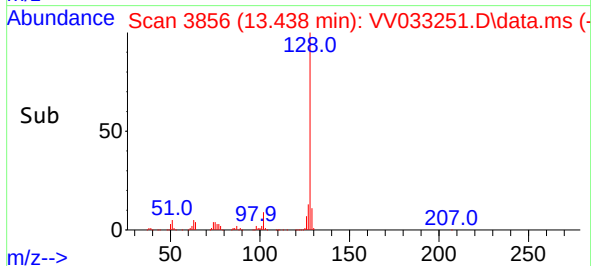
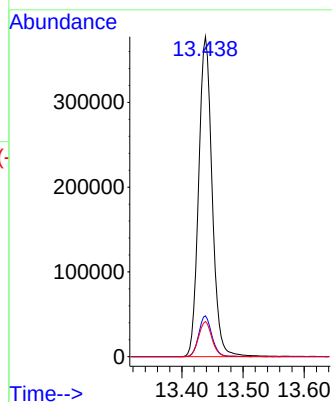


#71
Naphthalene
Concen: 57.290 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 577823
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.558 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033251.D
Acq: 12 Dec 2023 06:26

Tgt Ion:180 Resp: 213732
Ion Ratio Lower Upper
180 100
182 95.2 75.2 112.8
145 31.3 24.9 37.3

