

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033445.D
 Acq On : 18 Dec 2023 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	242949	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	246416	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	137284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75912	40.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.140%
7) Chloroethane-d5	1.529	69	71164	42.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	2.059	65	39068	41.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
21) 2-Butanone-d5	3.780	46	105433	111.815	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.810%
24) Chloroform-d	4.249	84	176213	47.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
26) 1,2-Dichloroethane-d4	4.940	65	110968	48.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
32) Benzene-d6	4.960	84	313899	47.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.989	67	97210	48.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	7.243	98	291444	47.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
43) trans-1,3-Dichloroprop...	7.551	79	50279	50.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.860%
47) 2-Hexanone-d5	8.024	63	77070	113.758	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.760%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	147721	51.026	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.060%
66) 1,2-Dichlorobenzene-d4	11.561	152	118727	46.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	104957	52.583	ug/L	98
3) Chloromethane	1.214	50	95793	52.130	ug/L	98
5) Vinyl chloride	1.281	62	104794	53.196	ug/L	99
6) Bromomethane	1.484	94	68982	48.919	ug/L	99
8) Chloroethane	1.545	64	70248	52.822	ug/L	100
9) Trichlorofluoromethane	1.712	101	178450	51.659	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	105223	52.212	ug/L	99
12) 1,1-Dichloroethene	2.069	96	90890	53.089	ug/L	87
13) Acetone	2.108	43	148803	135.952	ug/L	98
14) Carbon disulfide	2.240	76	225751	51.600	ug/L	99
15) Methyl Acetate	2.368	43	94850	60.678	ug/L	97
16) Methylene chloride	2.445	84	98051	51.279	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	85789	53.014	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	272177	55.386	ug/L	100
19) 1,1-Dichloroethane	3.111	63	166517	53.690	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	95414	52.003	ug/L	90
22) 2-Butanone	3.860	43	133872	124.146	ug/L	100
23) Bromochloromethane	4.146	128	52030	51.736	ug/L	98
25) Chloroform	4.275	83	183267	52.507	ug/L	99

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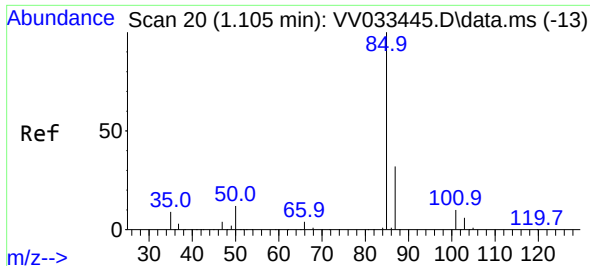
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	142096	52.815	ug/L	97
29) Cyclohexane	4.584	56	121964	54.916	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	162690	53.474	ug/L	99
31) Carbon tetrachloride	4.735	117	143202	52.595	ug/L	99
33) Benzene	5.008	78	360976	54.961	ug/L	100
34) Trichloroethene	5.831	95	97031	53.850	ug/L	97
35) Methylcyclohexane	6.050	83	141933	54.918	ug/L	98
37) 1,2-Dichloropropane	6.091	63	94555	53.085	ug/L	98
38) Bromodichloromethane	6.432	83	138503	54.026	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	144267	55.675	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	243744	128.232	ug/L	98
42) Toluene	7.313	91	390552	56.103	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	143282	55.103	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	100920	54.360	ug/L	98
46) Tetrachloroethene	7.905	164	73591	52.268	ug/L	99
48) 2-Hexanone	8.072	43	201289	126.965	ug/L	99
49) Dibromochloromethane	8.175	129	106429	54.215	ug/L	98
50) 1,2-Dibromoethane	8.281	107	103554	54.112	ug/L	95
51) Chlorobenzene	8.815	112	265132	52.848	ug/L	99
52) Ethylbenzene	8.947	91	427368	55.125	ug/L	98
53) m,p-Xylene	9.072	106	166412	57.132	ug/L	97
54) o-Xylene	9.480	106	158648	56.093	ug/L	100
55) Styrene	9.496	104	293225	58.745	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	153418	53.807	ug/L	98
59) Bromoform	9.664	173	74422	52.545	ug/L	99
60) Isopropylbenzene	9.869	105	436582	56.002	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	122174	55.524	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	331746	56.148	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	354772	57.814	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	212646	52.482	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	229292	52.580	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	216890	51.429	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	32647	54.772	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	150355	53.658	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	134753	55.014	ug/L	99
71) Naphthalene	13.442	128	405159	61.478	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	145163	60.589	ug/L	99

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

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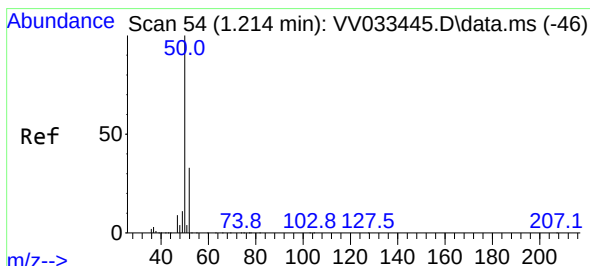
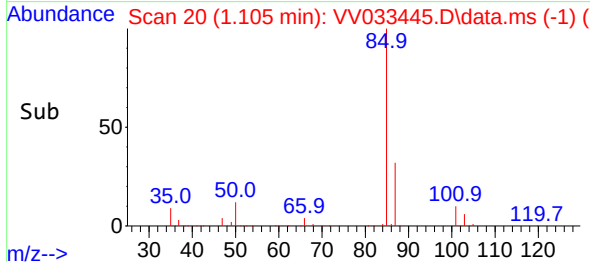
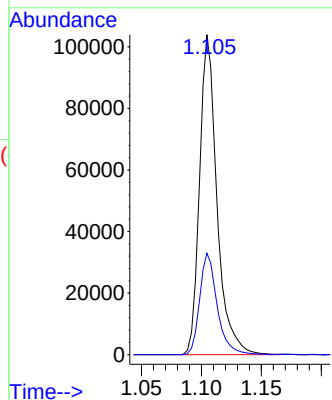
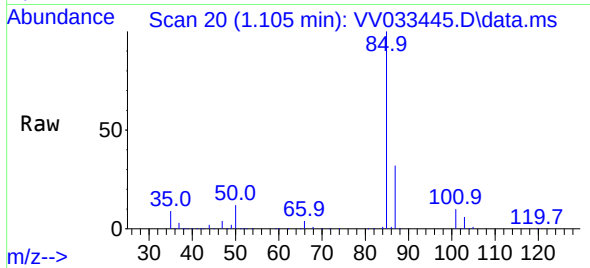




#2
 Dichlorodifluoromethane
 Concen: 52.583 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033445.D
 Acq: 18 Dec 2023 09:54

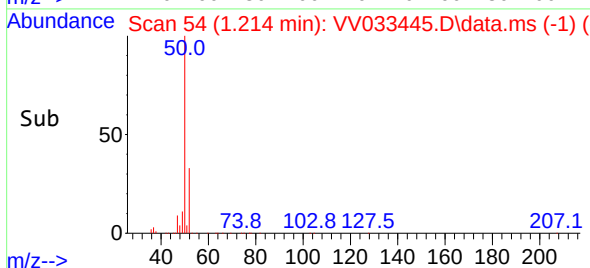
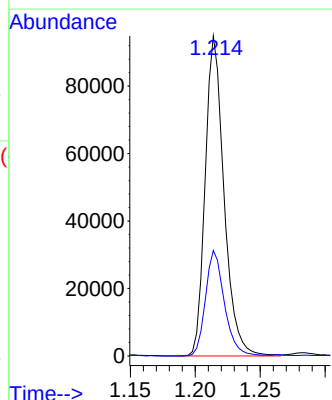
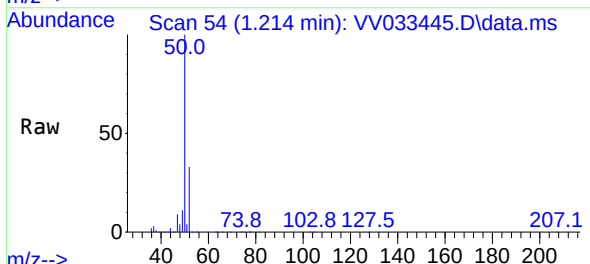
Instrument :
 MSVOA_V
 ClientSampleId :

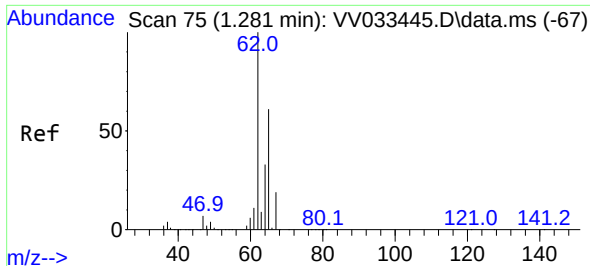
Tgt Ion: 85 Resp: 104957
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 39.8



#3
 Chloromethane
 Concen: 52.130 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033445.D
 Acq: 18 Dec 2023 09:54

Tgt Ion: 50 Resp: 95793
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5

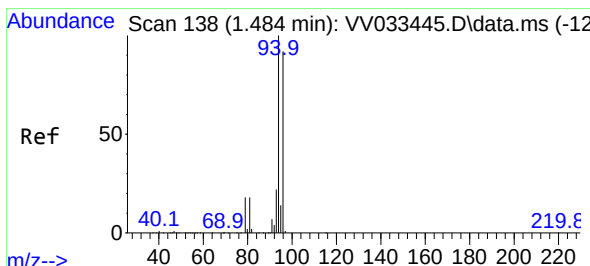
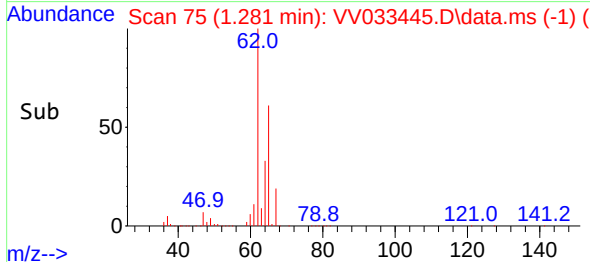
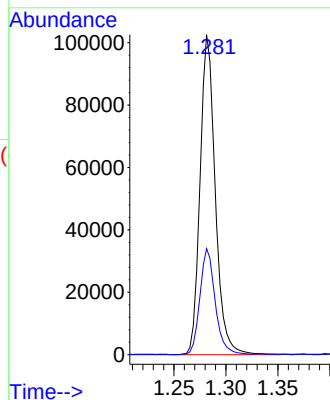
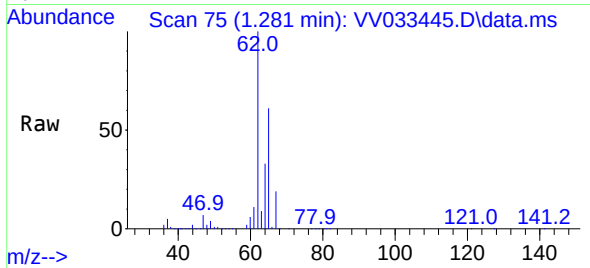




#5
 Vinyl chloride
 Concen: 53.196 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV033445.D
 Acq: 18 Dec 2023 09:54

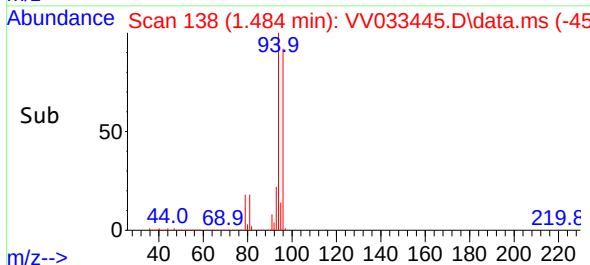
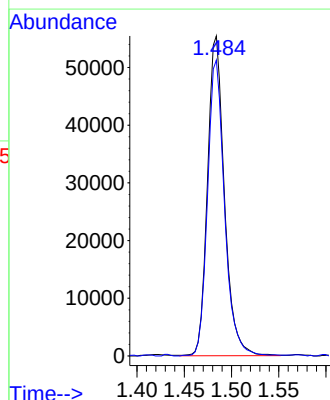
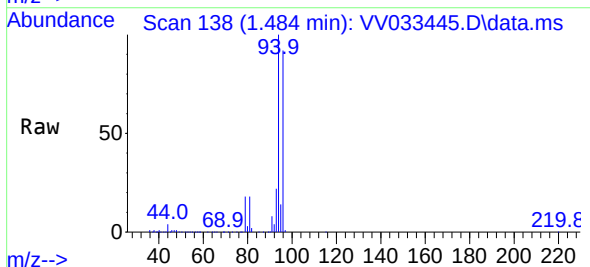
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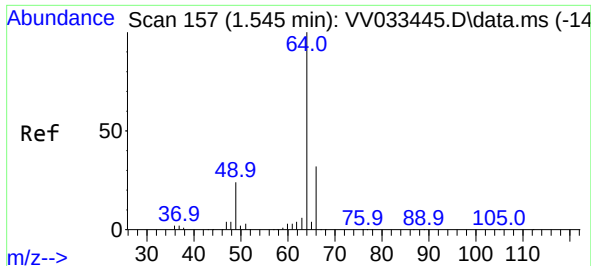
Tgt Ion: 62 Resp: 104794
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.6



#6
 Bromomethane
 Concen: 48.919 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033445.D
 Acq: 18 Dec 2023 09:54

Tgt Ion: 94 Resp: 68982
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.1 120.9

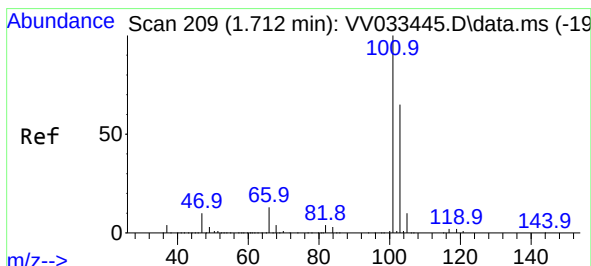
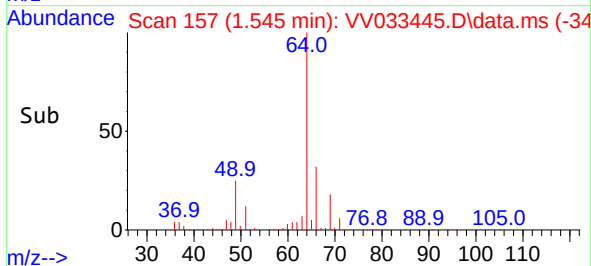
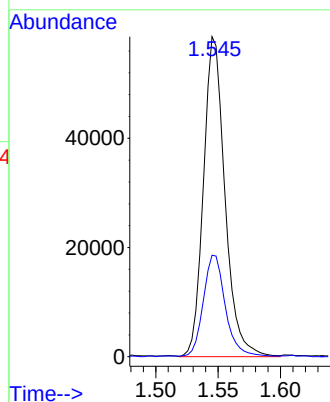
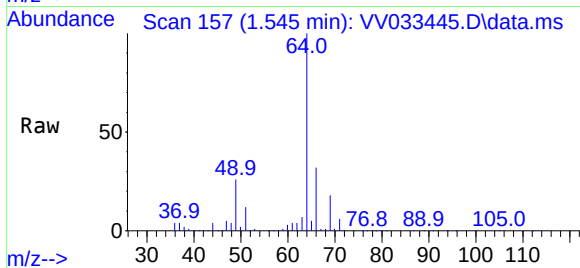




#8
Chloroethane
Concen: 52.822 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

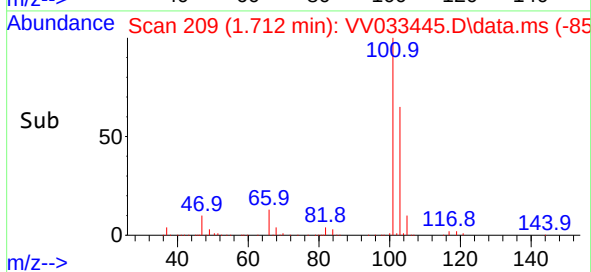
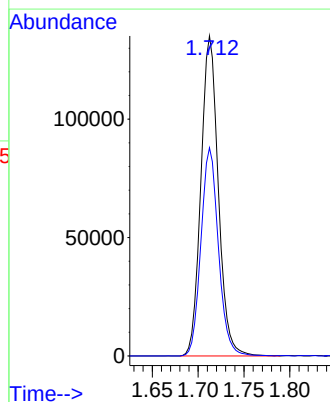
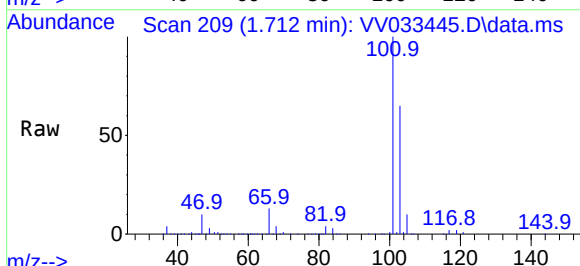
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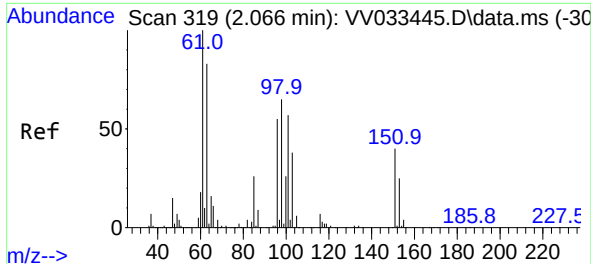
Tgt Ion: 64 Resp: 70248
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.659 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:101 Resp: 178450
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

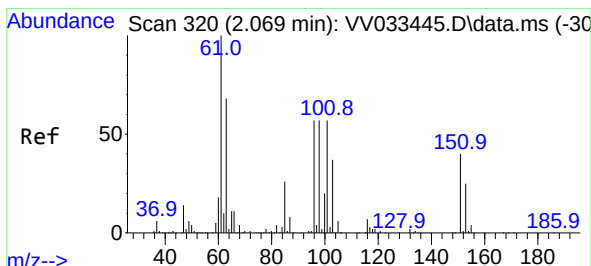
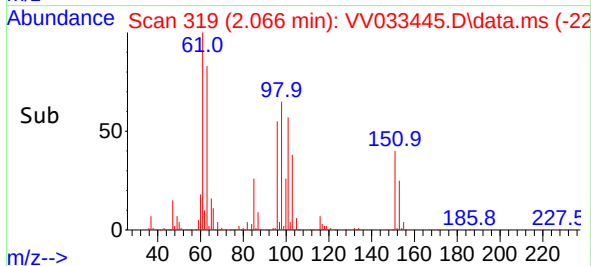
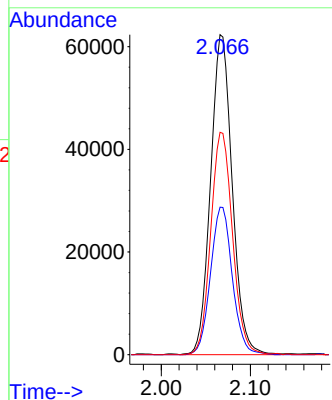
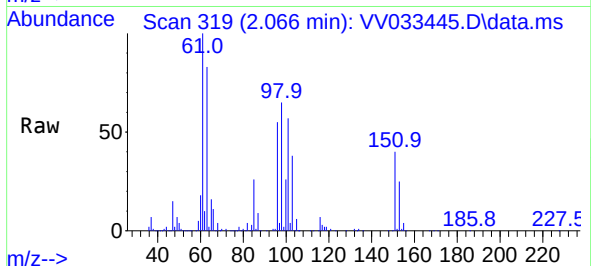




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.212 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

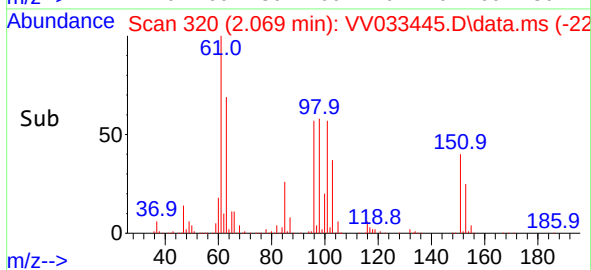
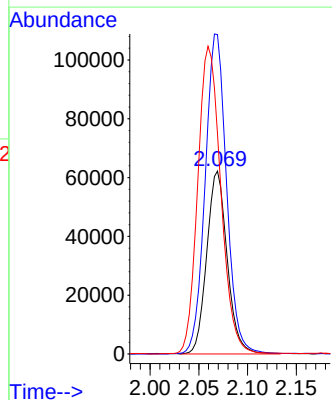
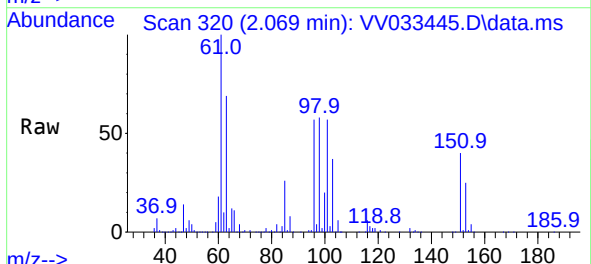
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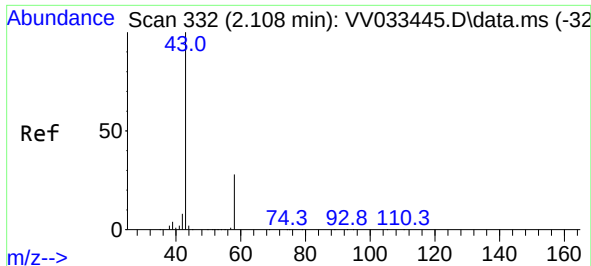
Tgt Ion:101 Resp: 105223
Ion Ratio Lower Upper
101 100
85 46.5 36.6 54.8
151 70.0 57.0 85.6



#12
1,1-Dichloroethene
Concen: 53.089 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 96 Resp: 90890
Ion Ratio Lower Upper
96 100
61 174.7 124.3 230.8
63 120.5 108.1 200.7





#13

Acetone

Concen: 135.952 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

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Acq: 18 Dec 2023 09:54

Instrument :

MSVOA_V

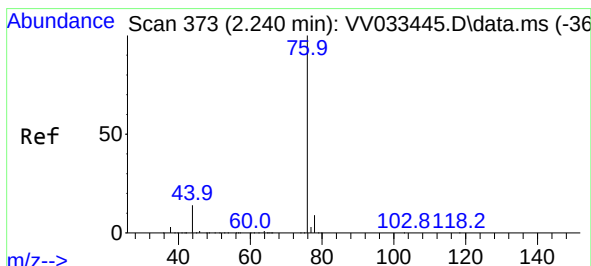
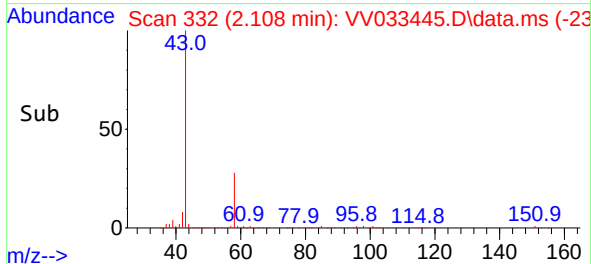
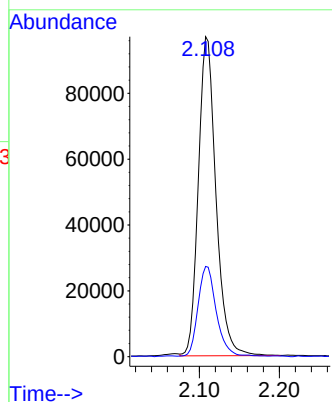
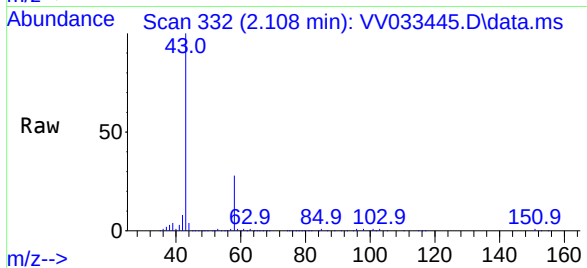
ClientSampleId :

Tgt Ion: 43 Resp: 148803

Ion Ratio Lower Upper

43 100

58 28.7 0.0 59.2



#14

Carbon disulfide

Concen: 51.600 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033445.D

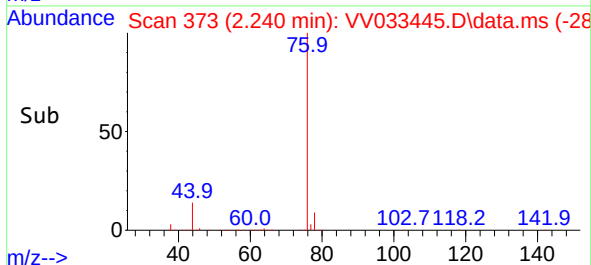
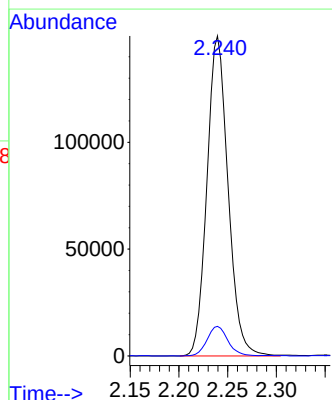
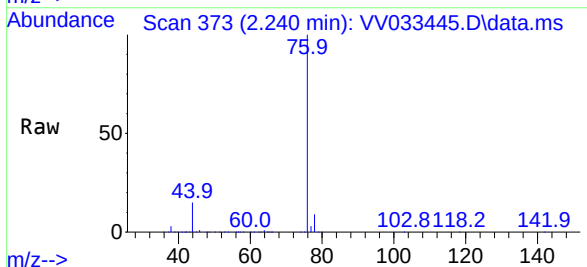
Acq: 18 Dec 2023 09:54

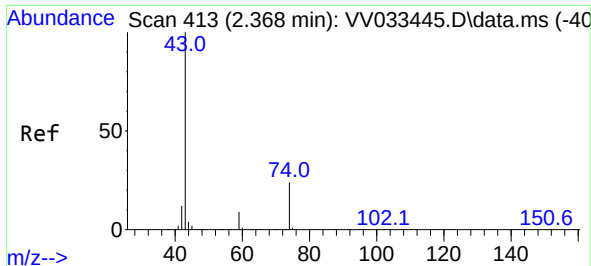
Tgt Ion: 76 Resp: 225751

Ion Ratio Lower Upper

76 100

78 9.3 7.6 11.4

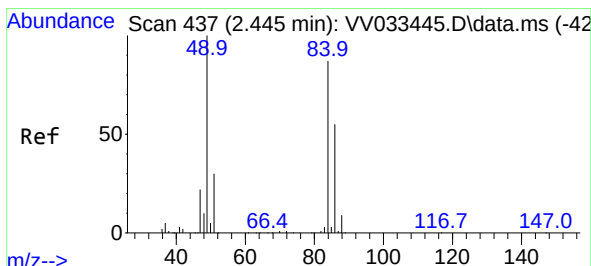
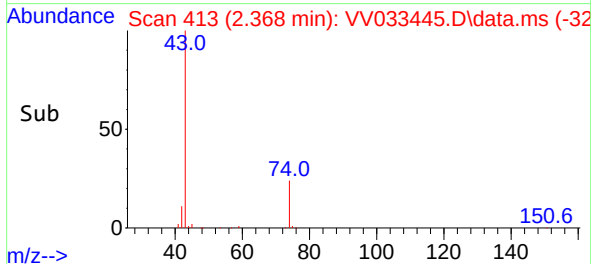
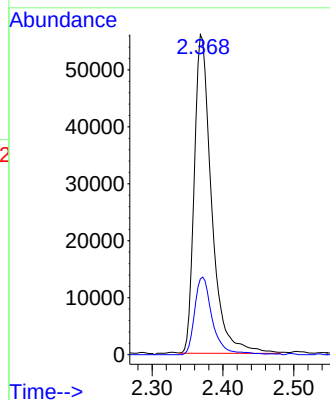
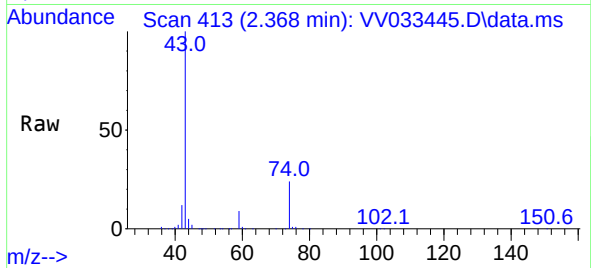




#15
Methyl Acetate
Concen: 60.678 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

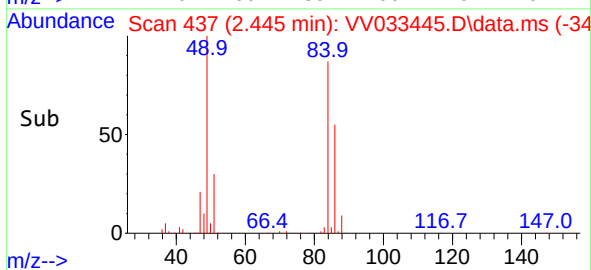
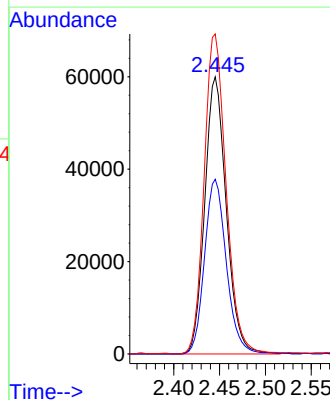
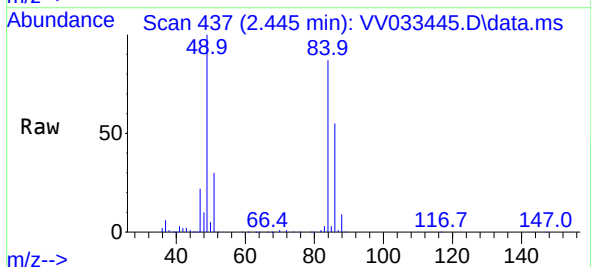
Instrument :
MSVOA_V
ClientSampleId :

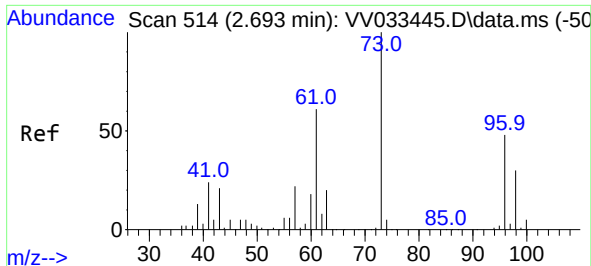
Tgt Ion: 43 Resp: 94850
Ion Ratio Lower Upper
43 100
74 24.3 20.8 31.2



#16
Methylene chloride
Concen: 51.279 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

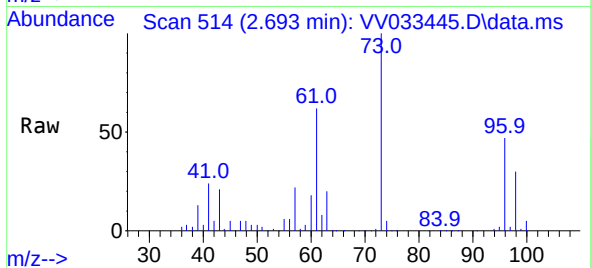
Tgt Ion: 84 Resp: 98051
Ion Ratio Lower Upper
84 100
86 63.1 45.4 84.2
49 115.5 83.3 154.7



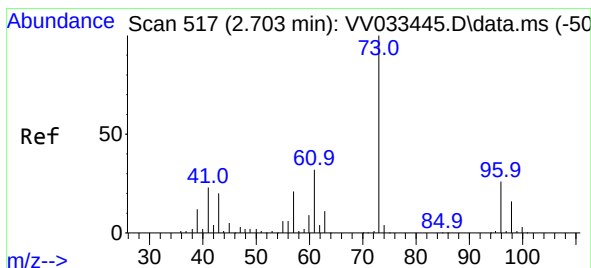
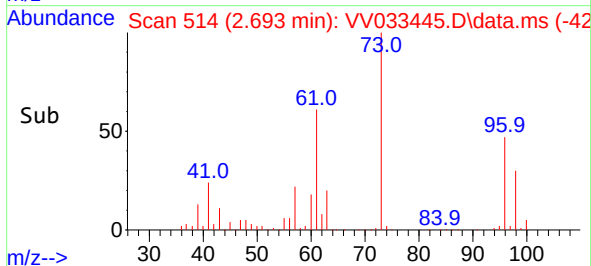
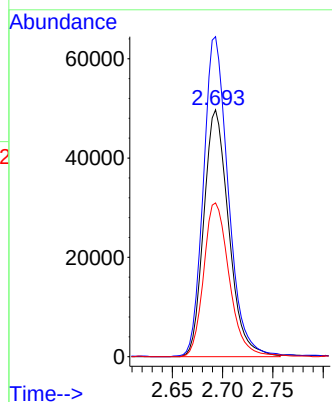


#17
trans-1,2-Dichloroethene
Concen: 53.014 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Instrument :
MSVOA_V
ClientSampleId :

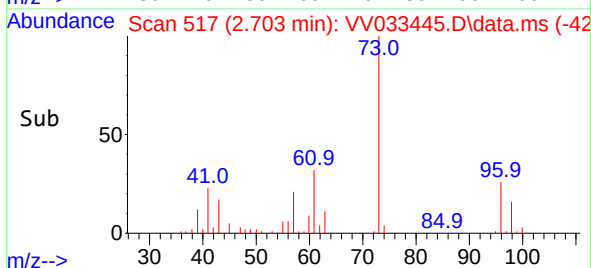
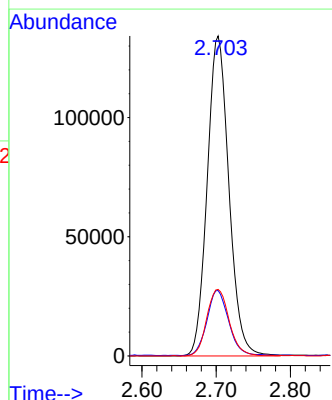
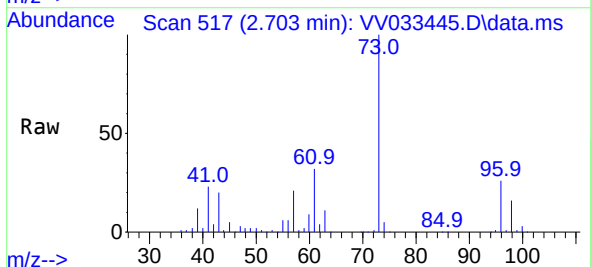


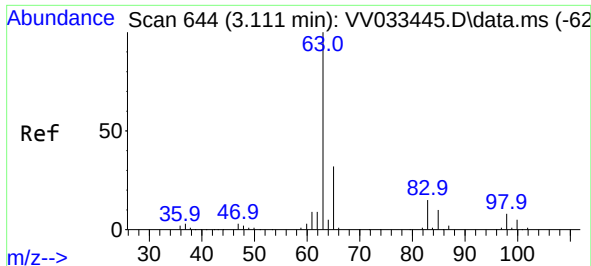
Tgt Ion: 96 Resp: 85789
Ion Ratio Lower Upper
96 100
61 129.6 89.6 166.4
98 62.3 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 55.386 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

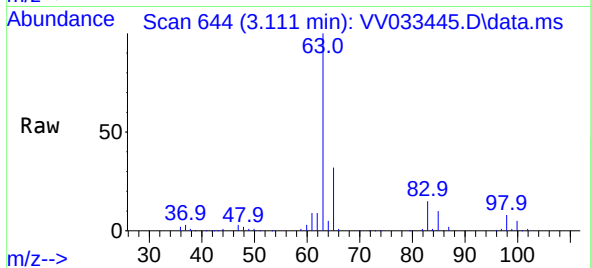
Tgt Ion: 73 Resp: 272177
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5
57 21.5 17.3 25.9



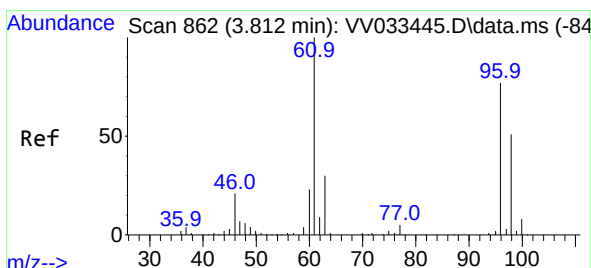
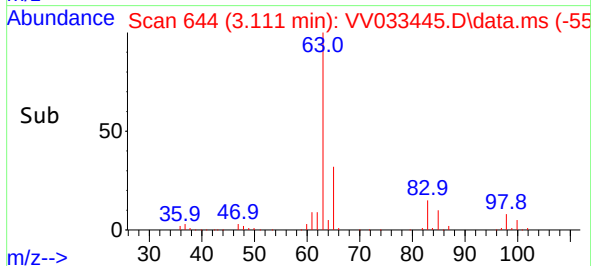
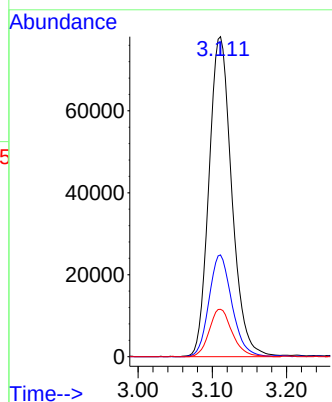


#19
1,1-Dichloroethane
Concen: 53.690 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Instrument :
MSVOA_V
ClientSampleId :

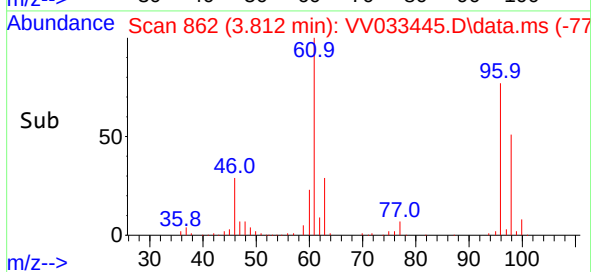
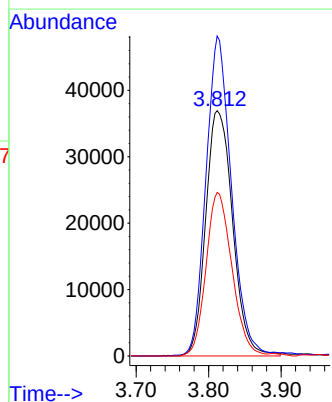
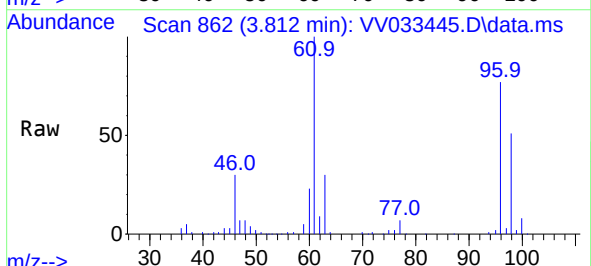


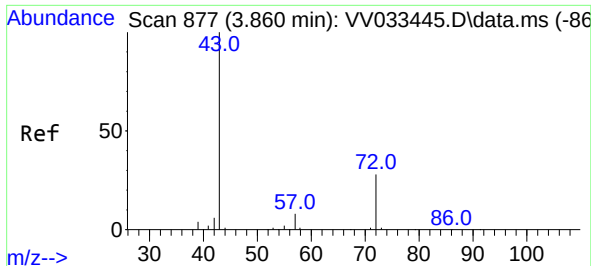
Tgt Ion: 63 Resp: 166517
Ion Ratio Lower Upper
63 100
65 31.8 21.1 39.3
83 14.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 52.003 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 96 Resp: 95414
Ion Ratio Lower Upper
96 100
61 130.5 81.9 152.1
98 66.7 44.3 82.3

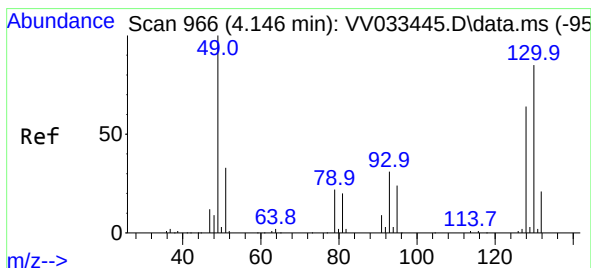
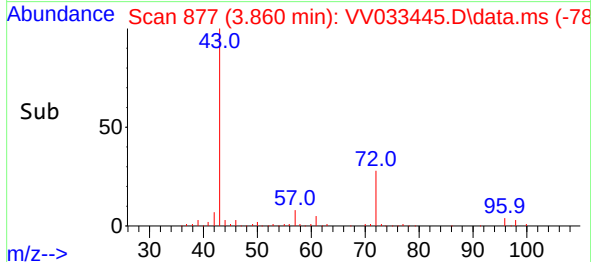
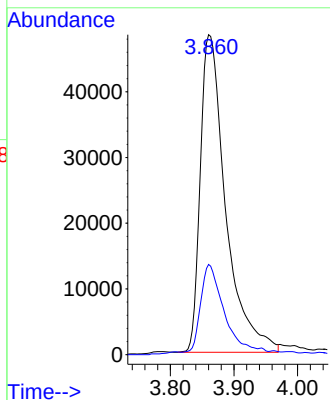
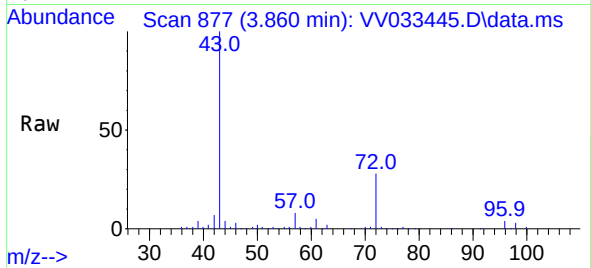




#22
2-Butanone
Concen: 124.146 ug/L
RT: 3.860 min Scan# 877
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

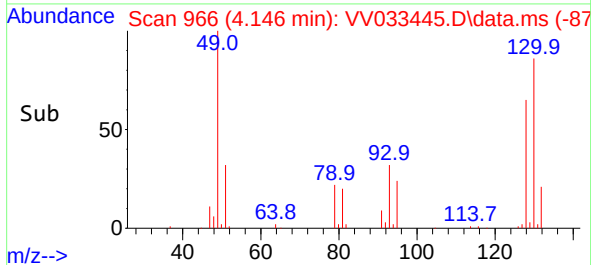
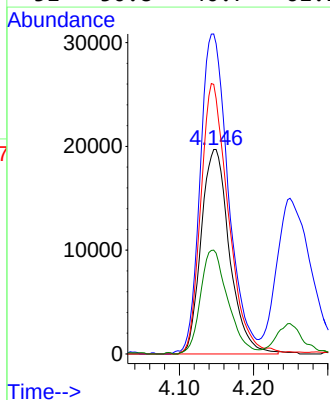
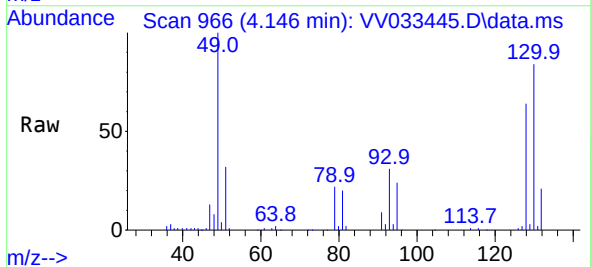
Instrument :
MSVOA_V
ClientSampleId :

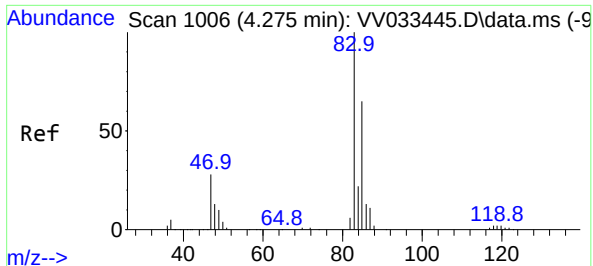
Tgt Ion: 43 Resp: 133872
Ion Ratio Lower Upper
43 100
72 24.8 12.4 37.4



#23
Bromochloromethane
Concen: 51.736 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:128 Resp: 52030
Ion Ratio Lower Upper
128 100
49 156.5 106.0 196.9
130 131.9 93.6 173.8
51 50.8 40.7 61.1

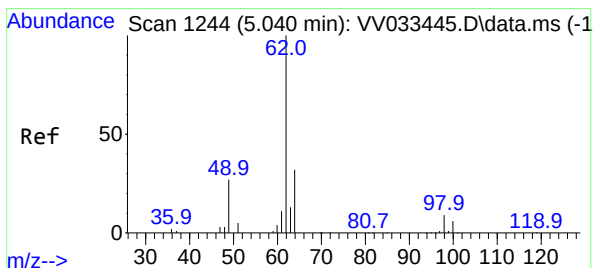
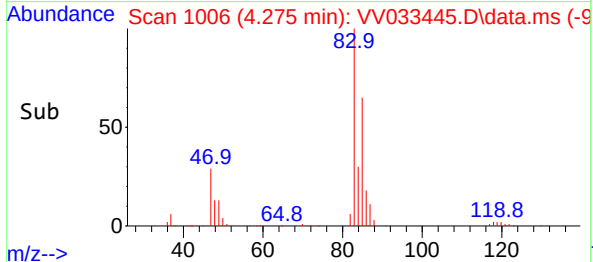
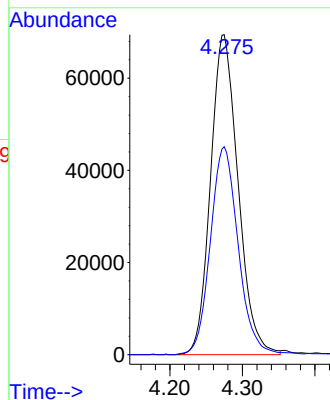
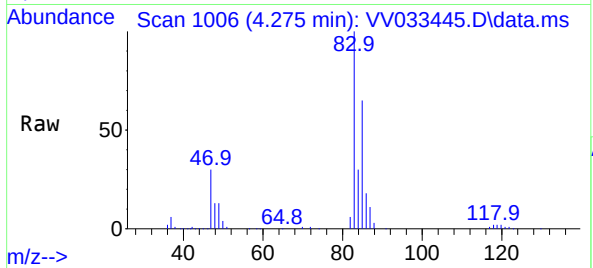




#25
Chloroform
Concen: 52.507 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

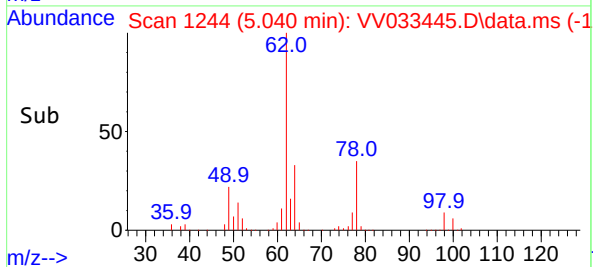
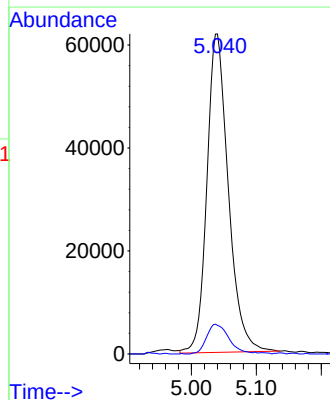
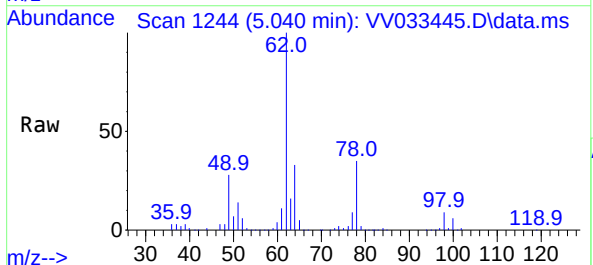
Instrument :
MSVOA_V
ClientSampleId :

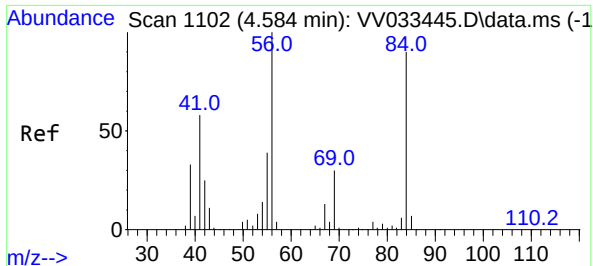
Tgt Ion: 83 Resp: 183267
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 52.815 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 62 Resp: 142096
Ion Ratio Lower Upper
62 100
98 9.0 8.0 12.0





#29

Cyclohexane

Concen: 54.916 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

Instrument :

MSVOA_V

ClientSampleId :

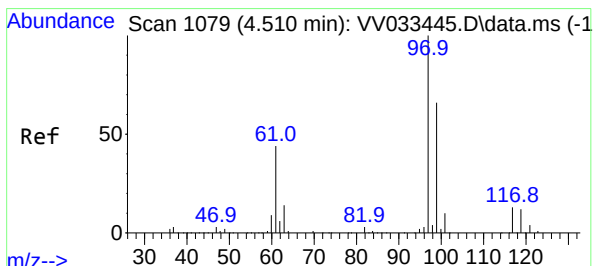
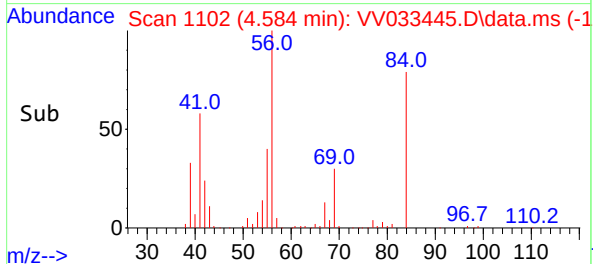
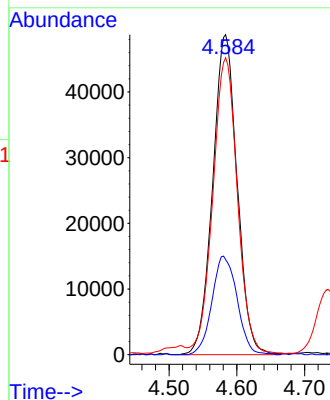
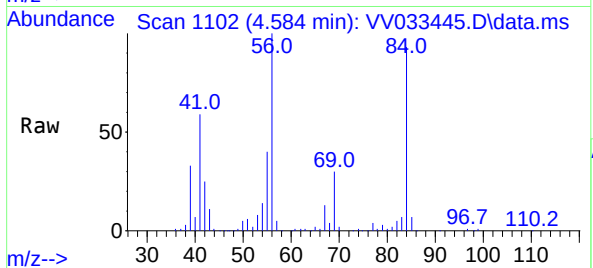
Tgt Ion: 56 Resp: 121964

Ion Ratio Lower Upper

56 100

69 31.7 25.8 38.6

84 92.6 75.2 112.8



#30

1,1,1-Trichloroethane

Concen: 53.474 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

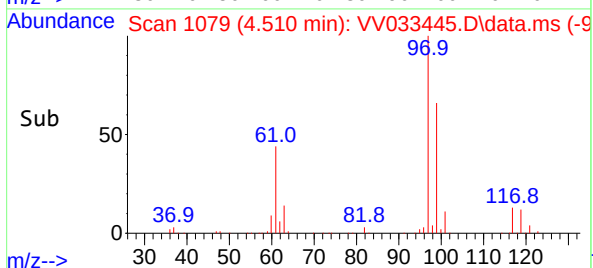
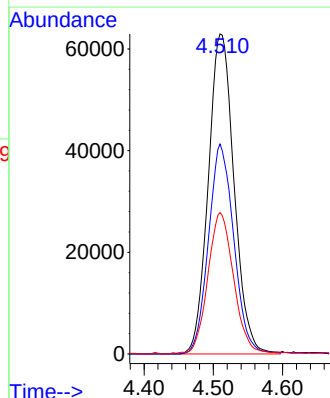
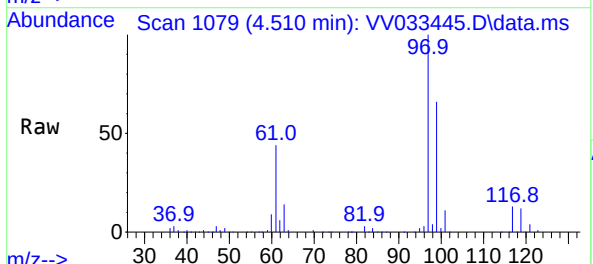
Tgt Ion: 97 Resp: 162690

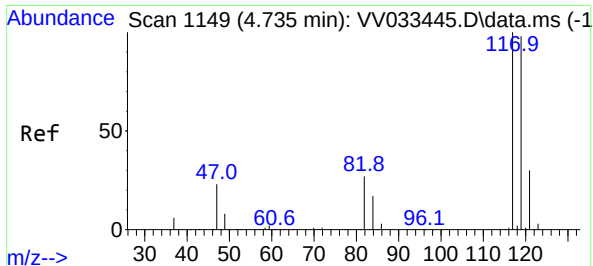
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 44.1 34.8 52.2

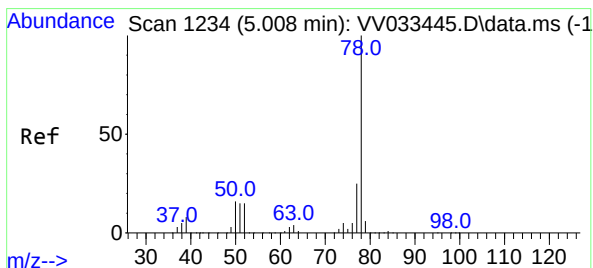
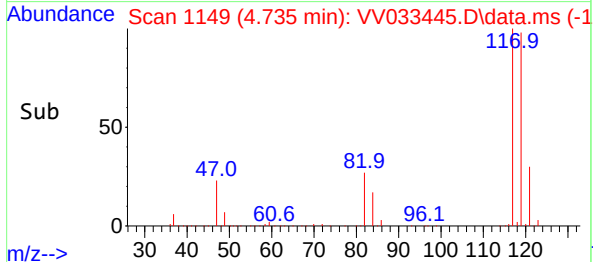
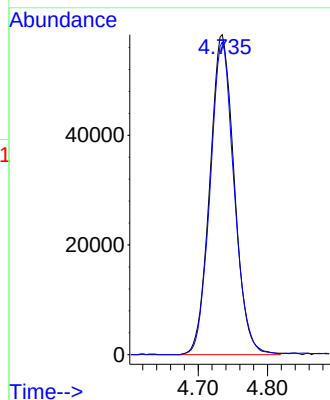
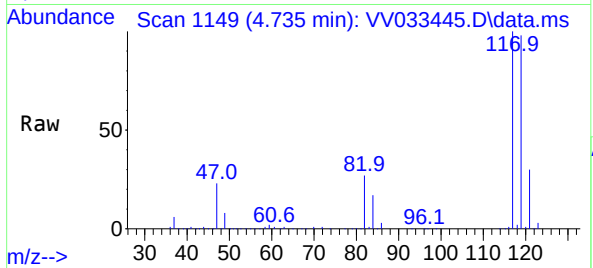




#31
Carbon tetrachloride
Concen: 52.595 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

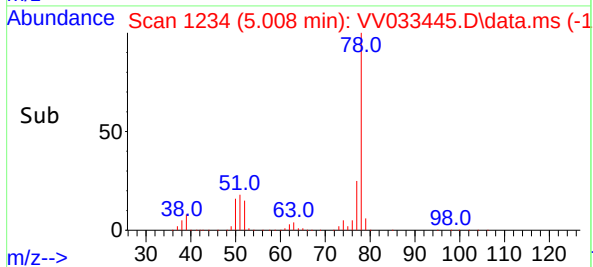
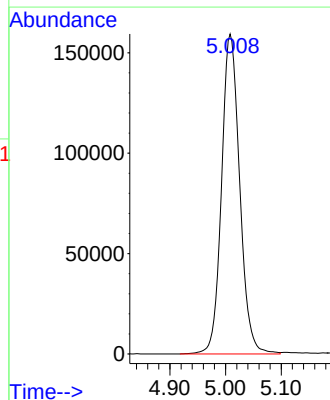
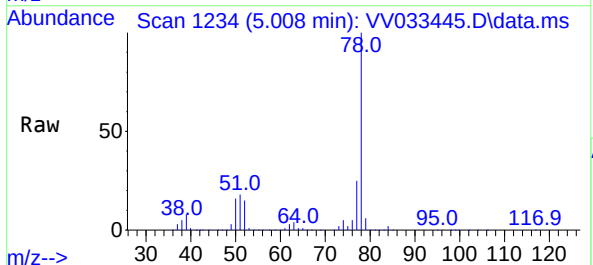
Instrument :
MSVOA_V
ClientSampleId :

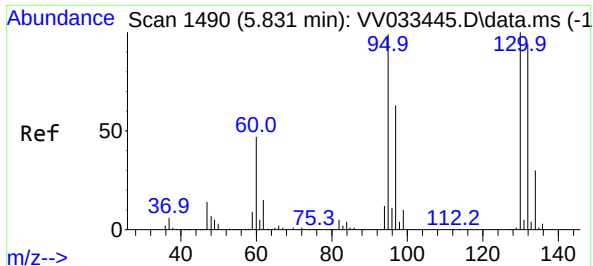
Tgt Ion:117 Resp: 143202
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6



#33
Benzene
Concen: 54.961 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 78 Resp: 360976

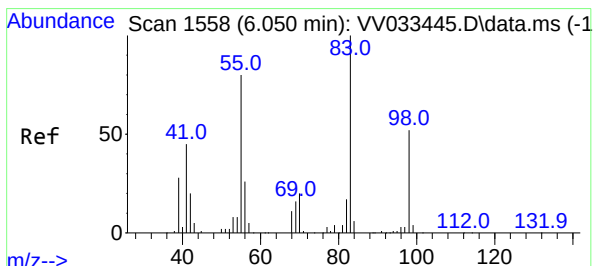
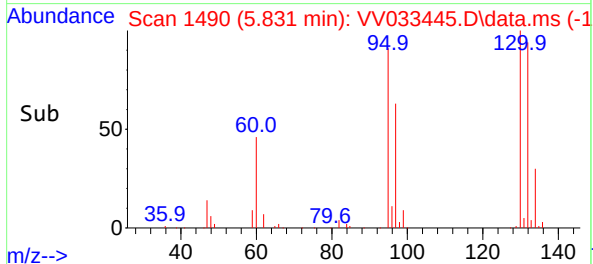
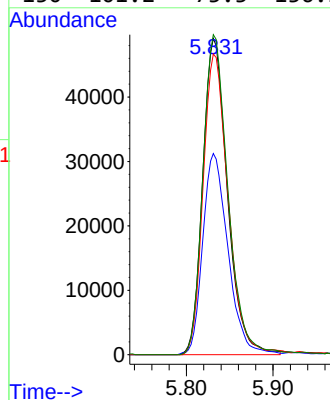
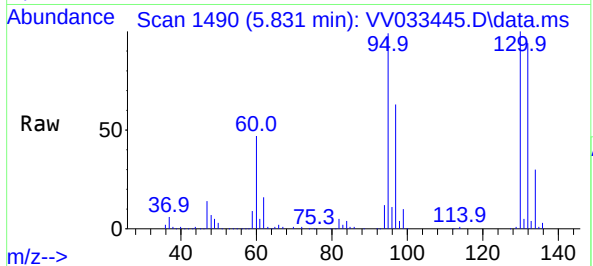




#34
Trichloroethene
Concen: 53.850 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

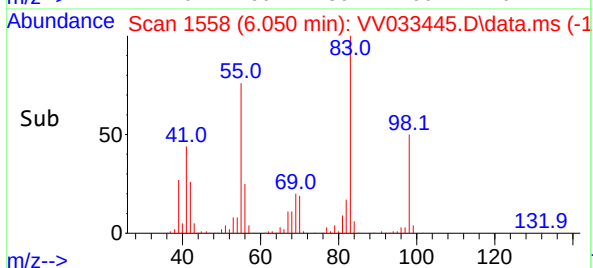
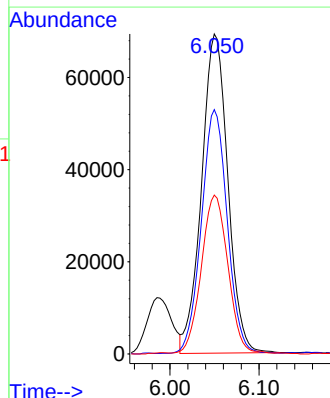
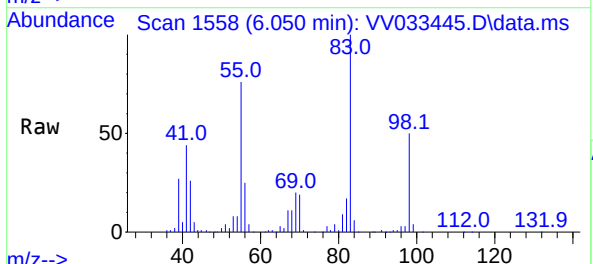
Instrument :
MSVOA_V
ClientSampleId :

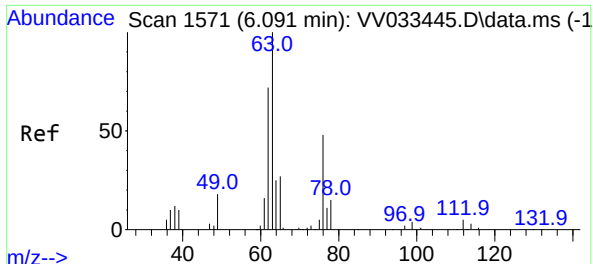
Tgt Ion: 95 Resp: 97031
Ion Ratio Lower Upper
95 100
97 63.6 44.8 83.2
132 95.0 69.9 129.7
130 101.2 73.3 136.1



#35
Methylcyclohexane
Concen: 54.918 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 83 Resp: 141933
Ion Ratio Lower Upper
83 100
55 75.2 58.6 88.0
98 49.6 40.9 61.3

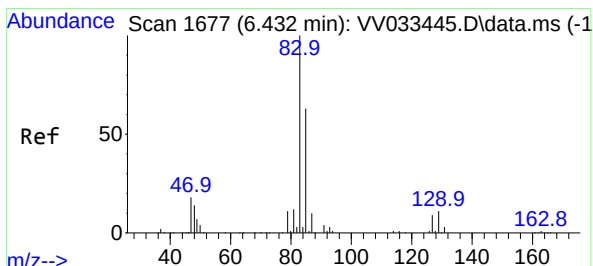
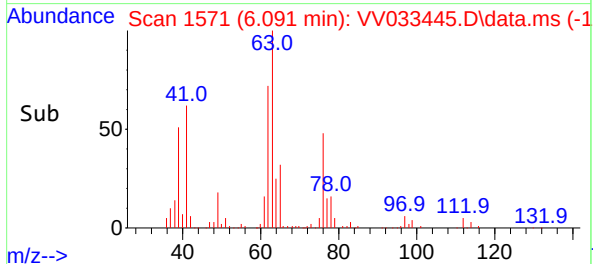
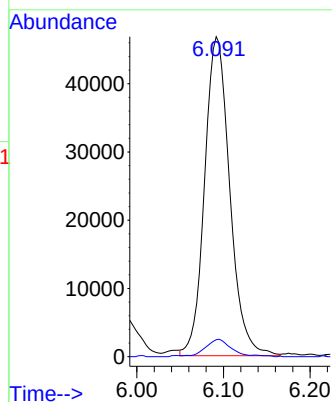
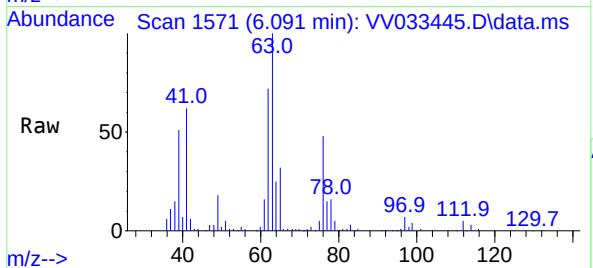




#37
1,2-Dichloropropane
Concen: 53.085 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

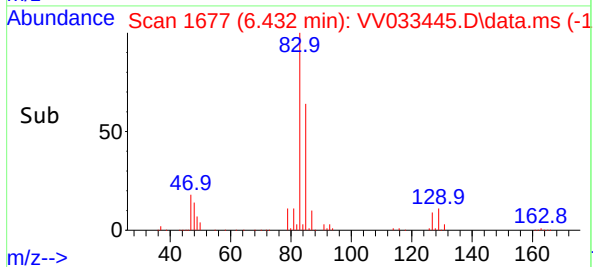
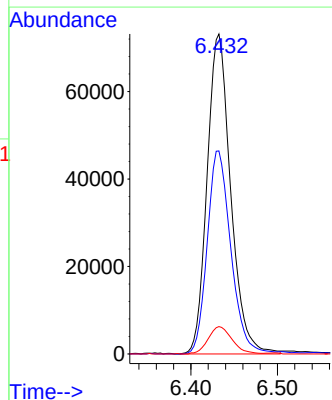
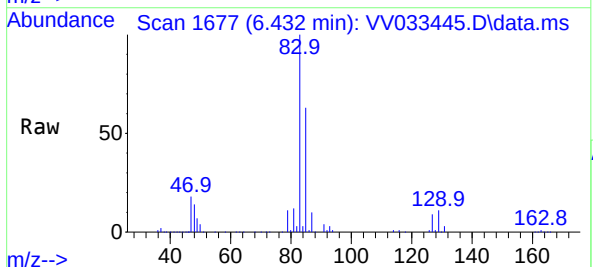
Instrument :
MSVOA_V
ClientSampleId :

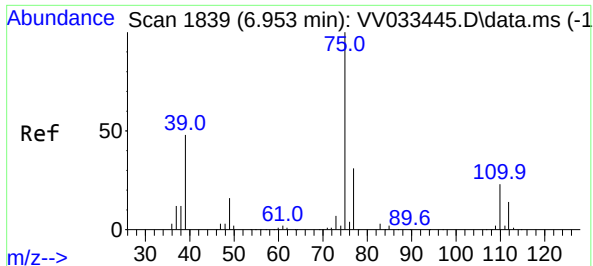
Tgt Ion: 63 Resp: 94555
Ion Ratio Lower Upper
63 100
112 5.3 3.7 5.5



#38
Bromodichloromethane
Concen: 54.026 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 83 Resp: 138503
Ion Ratio Lower Upper
83 100
85 63.5 45.2 84.0
127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 55.675 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

Instrument :

MSVOA_V

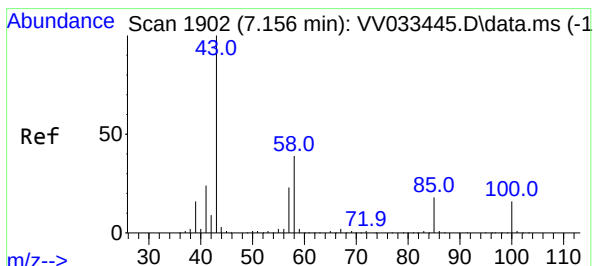
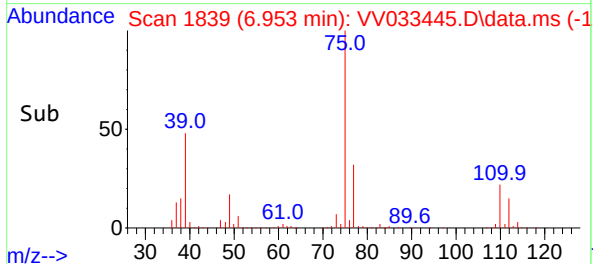
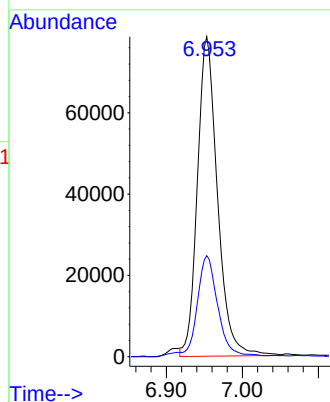
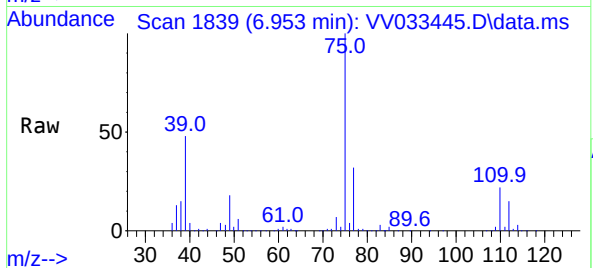
ClientSampleId :

Tgt Ion: 75 Resp: 144267

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 128.232 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

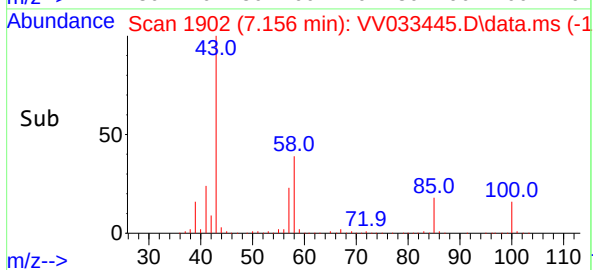
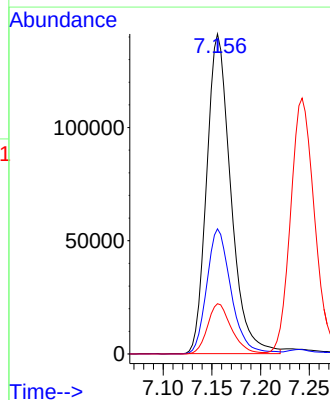
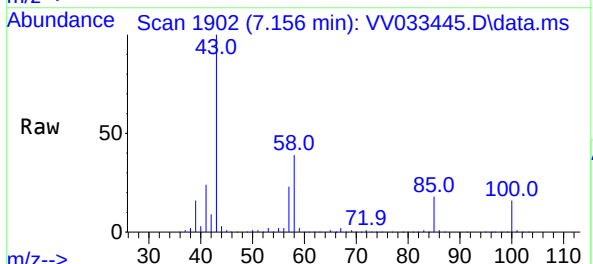
Tgt Ion: 43 Resp: 243744

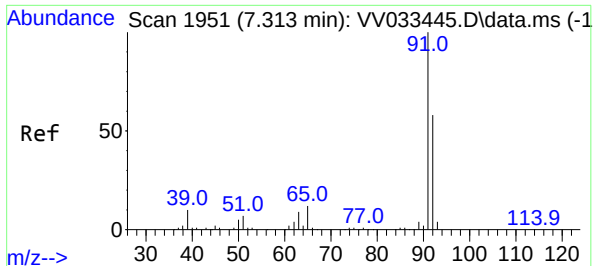
Ion Ratio Lower Upper

43 100

58 39.5 30.7 46.1

100 15.6 13.6 20.4





#42

Toluene

Concen: 56.103 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

Instrument :

MSVOA_V

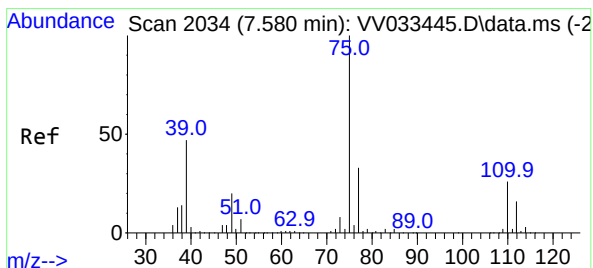
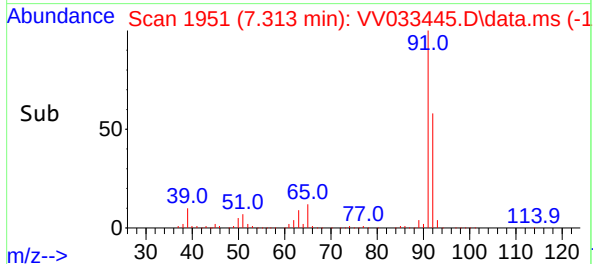
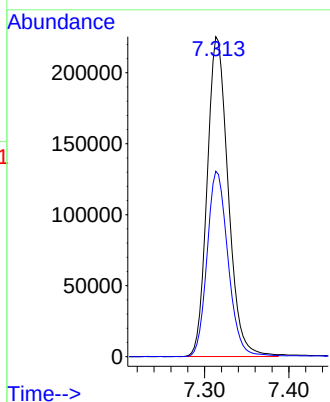
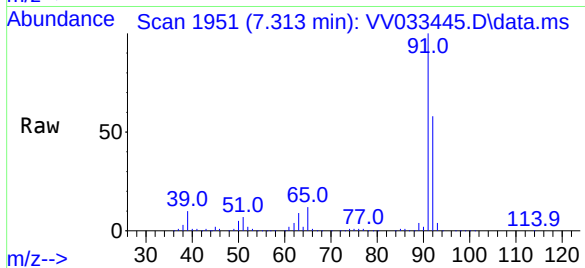
ClientSampleId :

Tgt Ion: 91 Resp: 390552

Ion Ratio Lower Upper

91 100

92 58.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 55.103 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033445.D

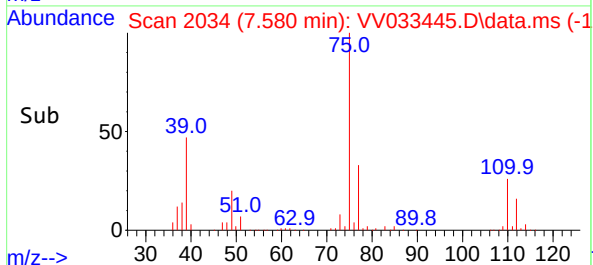
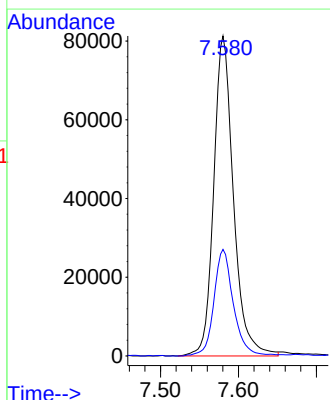
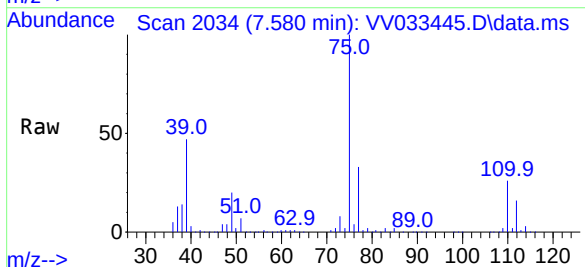
Acq: 18 Dec 2023 09:54

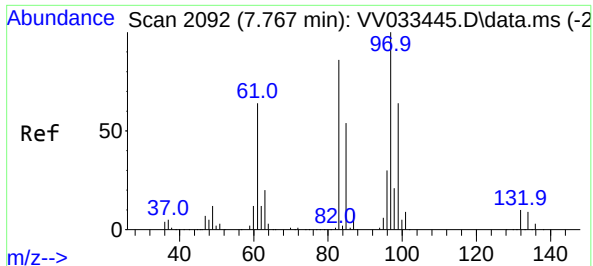
Tgt Ion: 75 Resp: 143282

Ion Ratio Lower Upper

75 100

77 33.3 22.4 41.6



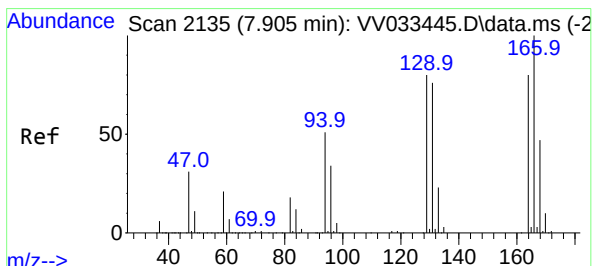
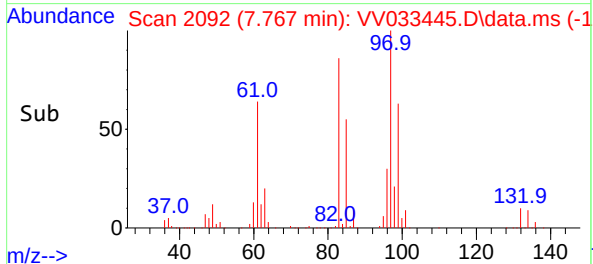
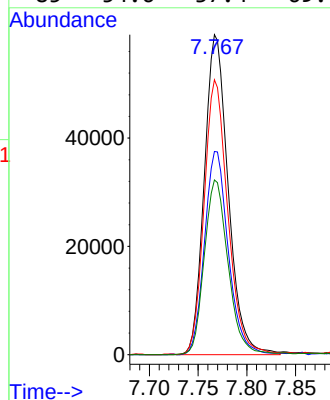
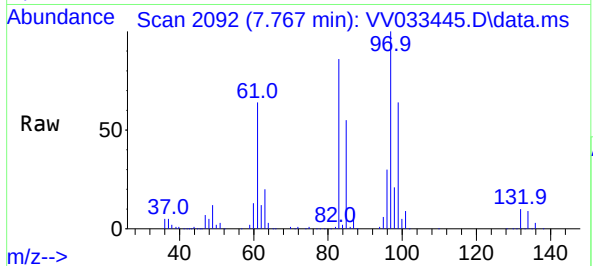


#45
1,1,2-Trichloroethane
Concen: 54.360 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 100920

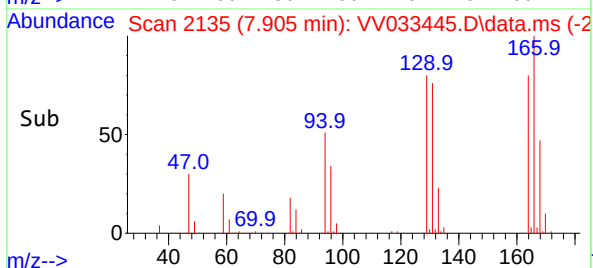
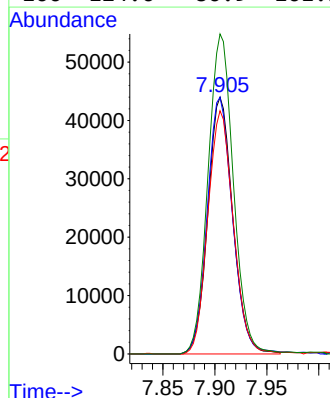
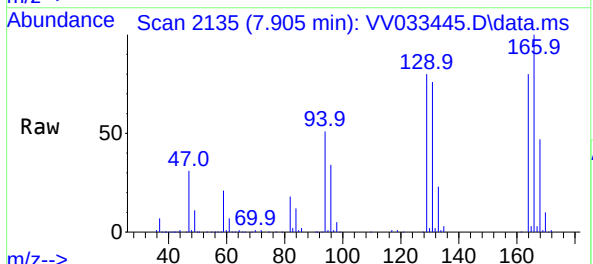
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.5	80.7
83	85.9	61.0	113.4
85	54.6	37.4	69.4

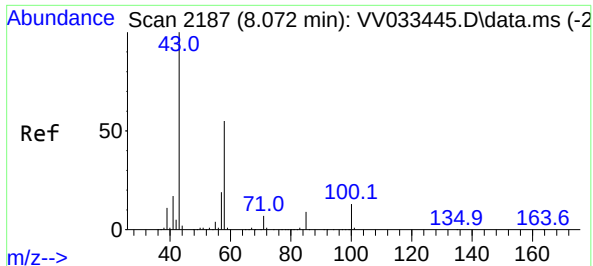


#46
Tetrachloroethene
Concen: 52.268 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 164 Resp: 73591

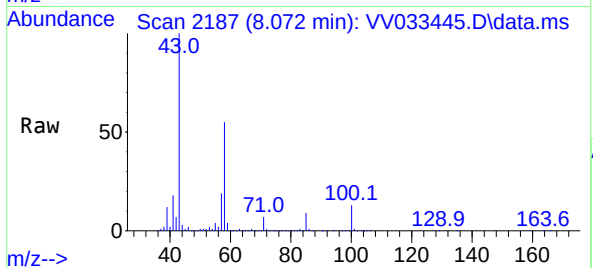
Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.9	127.9
131	94.7	65.3	121.3
166	124.6	86.9	161.3





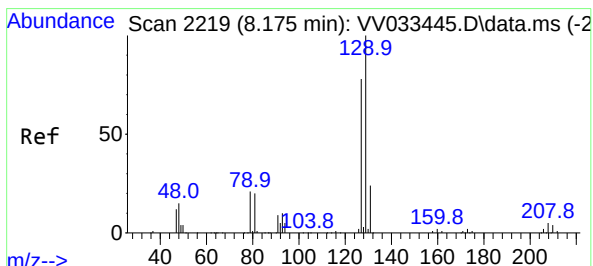
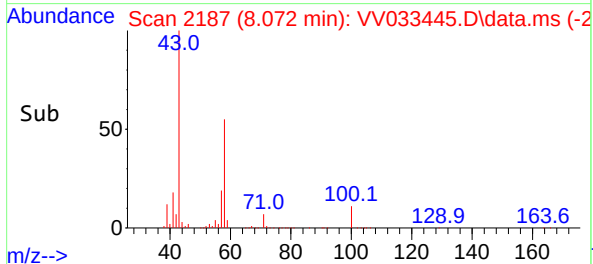
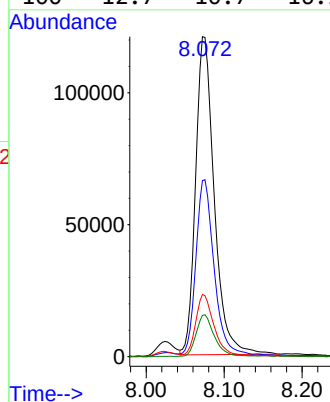
#48
2-Hexanone
Concen: 126.965 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 201289

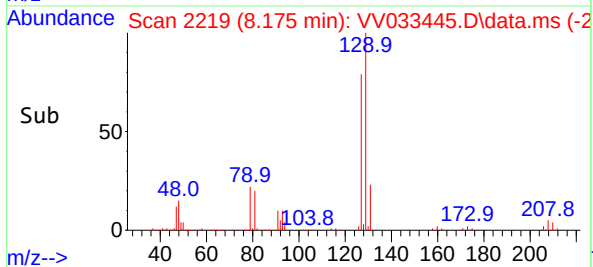
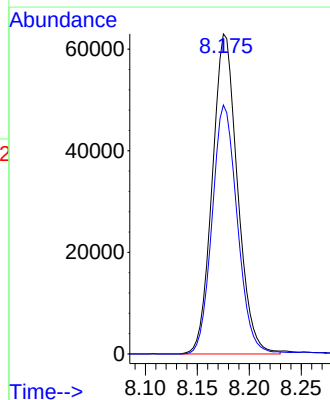
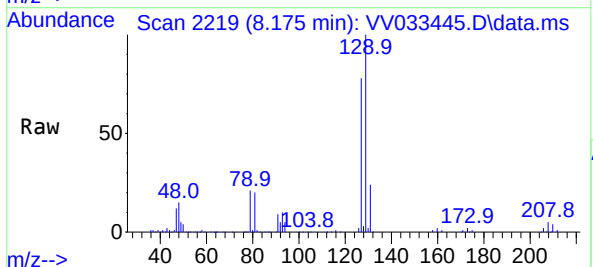
Ion	Ratio	Lower	Upper
43	100		
58	53.1	43.0	64.6
57	18.5	14.7	22.1
100	12.7	10.7	16.1

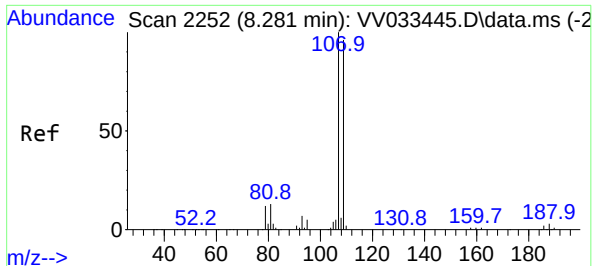


#49
Dibromochloromethane
Concen: 54.215 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 129 Resp: 106429

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.3	98.9

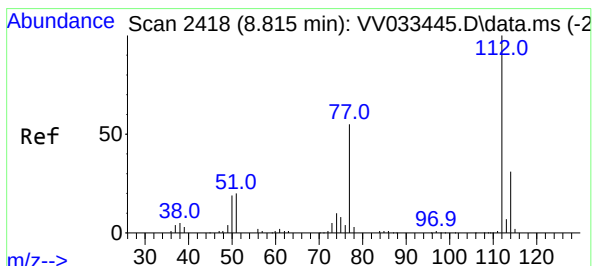
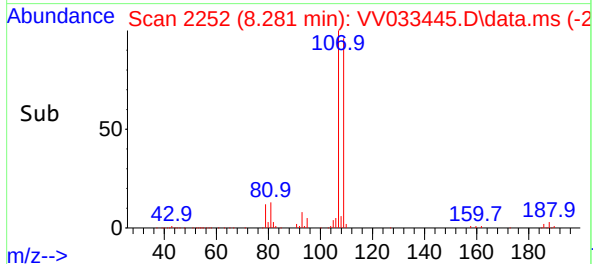
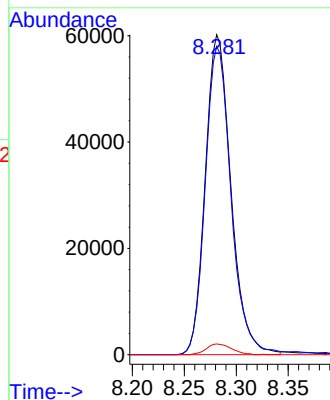
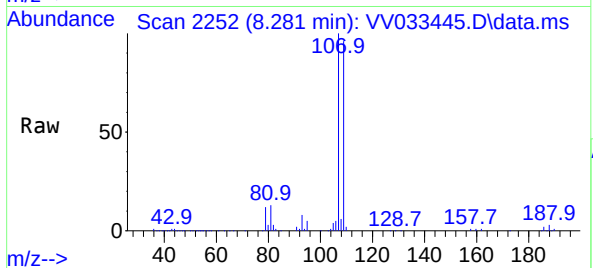




#50
1,2-Dibromoethane
Concen: 54.112 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

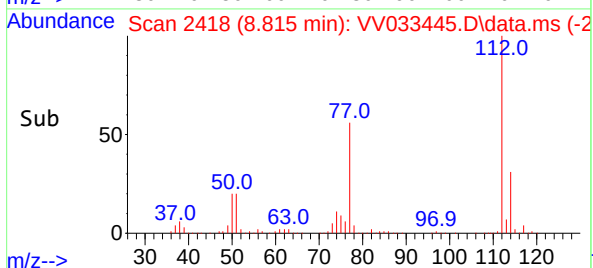
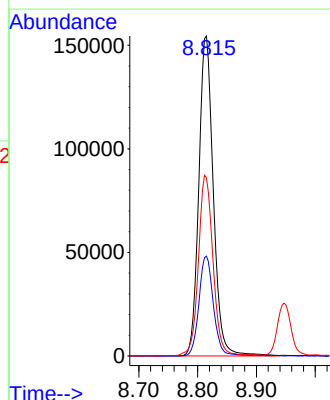
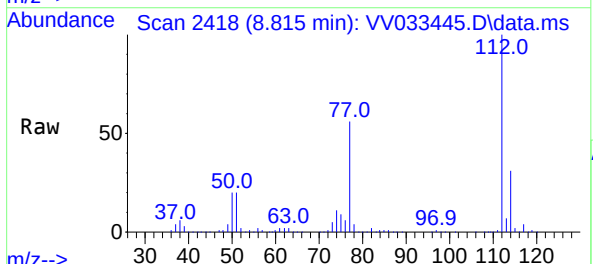
Instrument :
MSVOA_V
ClientSampleId :

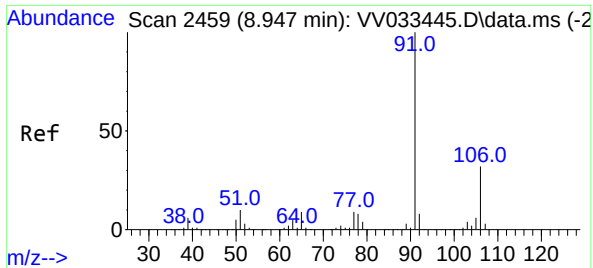
Tgt Ion:107 Resp: 103554
Ion Ratio Lower Upper
107 100
109 96.3 64.2 119.2
188 3.7 2.9 4.3



#51
Chlorobenzene
Concen: 52.848 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:112 Resp: 265132
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 55.7 45.2 67.8

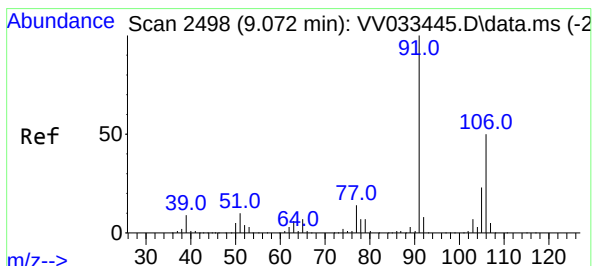
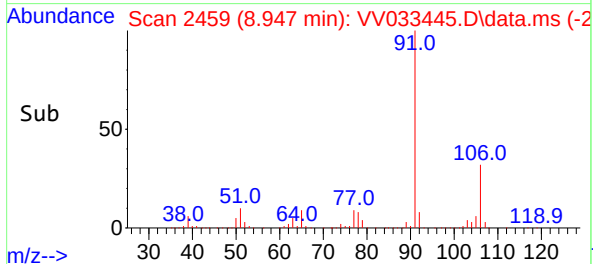
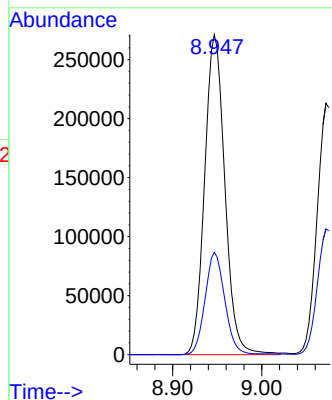
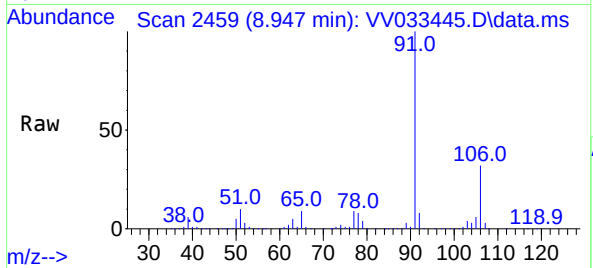




#52
Ethylbenzene
Concen: 55.125 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

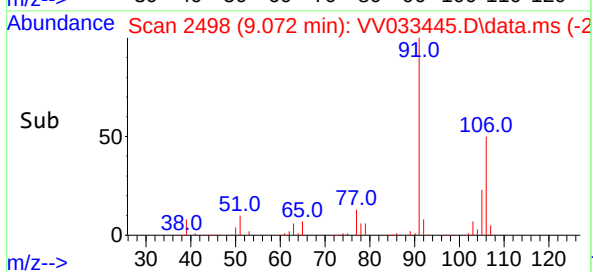
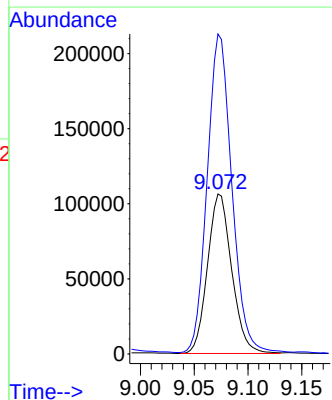
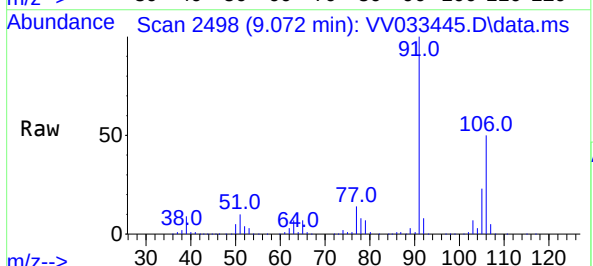
Instrument :
MSVOA_V
ClientSampleId :

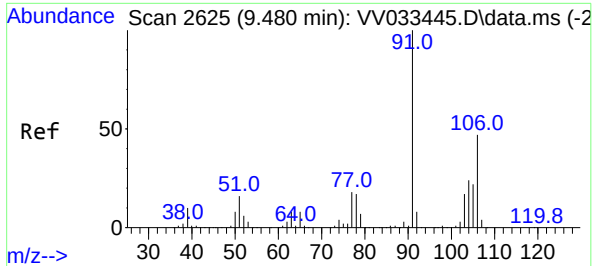
Tgt Ion: 91 Resp: 427368
Ion Ratio Lower Upper
91 100
106 32.1 21.6 40.2



#53
m,p-Xylene
Concen: 57.132 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 106 Resp: 166412
Ion Ratio Lower Upper
106 100
91 200.1 143.0 265.6

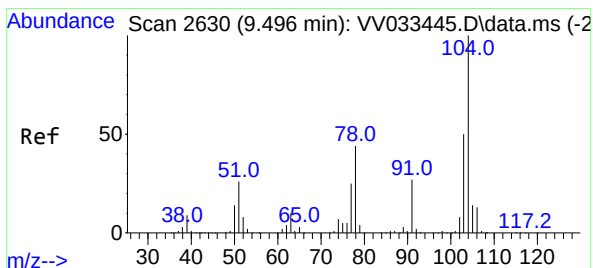
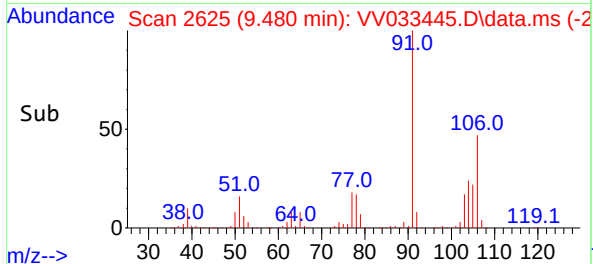
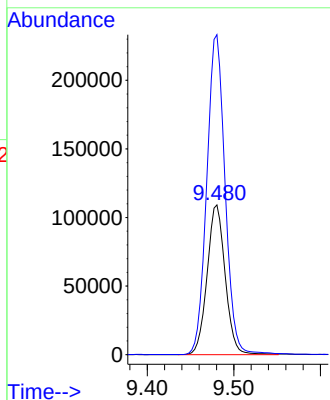
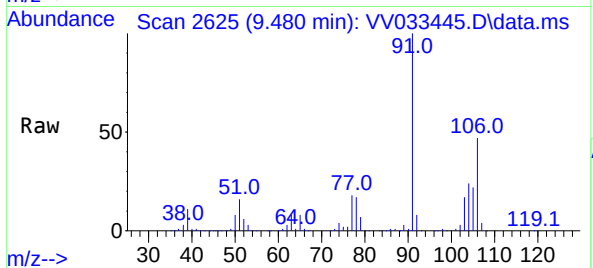




#54
o-Xylene
Concen: 56.093 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

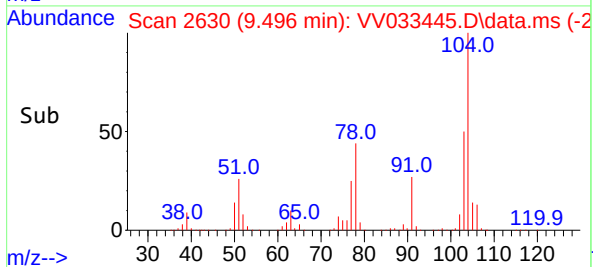
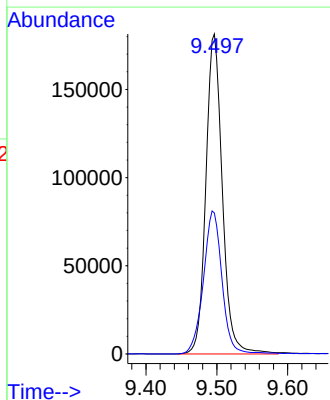
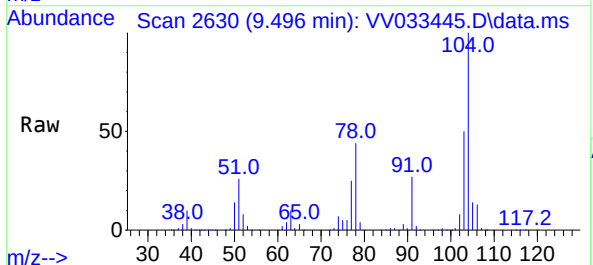
Instrument :
MSVOA_V
ClientSampleId :

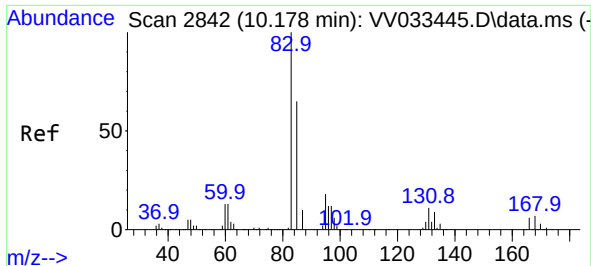
Tgt Ion:106 Resp: 158648
Ion Ratio Lower Upper
106 100
91 213.6 149.7 278.1



#55
Styrene
Concen: 58.745 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:104 Resp: 293225
Ion Ratio Lower Upper
104 100
78 44.1 30.2 56.2

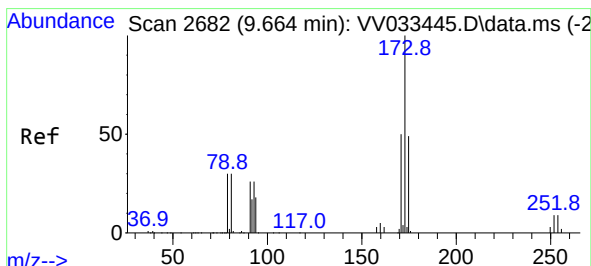
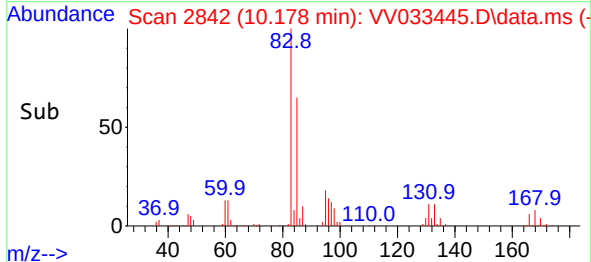
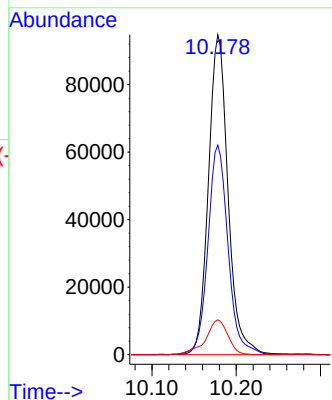
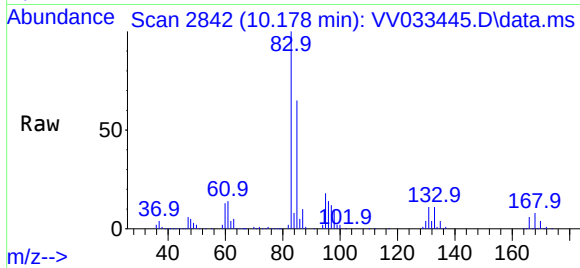




#57
1,1,2,2-Tetrachloroethane
Concen: 53.807 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

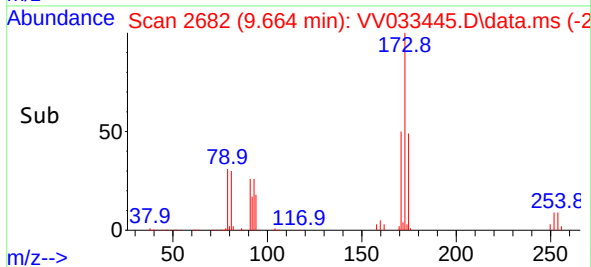
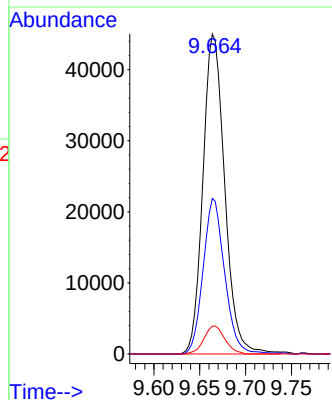
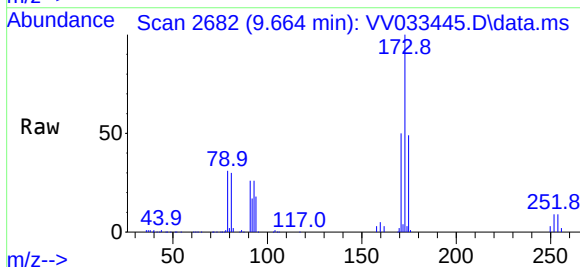
Instrument :
MSVOA_V
ClientSampleId :

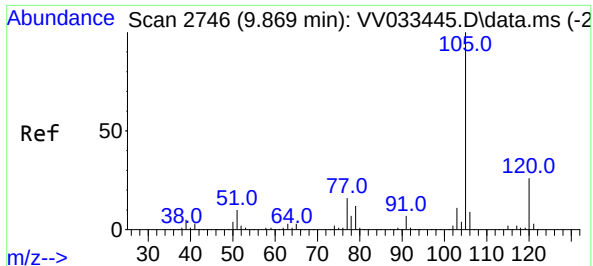
Tgt Ion: 83 Resp: 153418
Ion Ratio Lower Upper
83 100
85 65.5 44.8 83.2
131 10.9 8.6 12.8



#59
Bromoform
Concen: 52.545 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 173 Resp: 74422
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 8.4 5.8 8.8

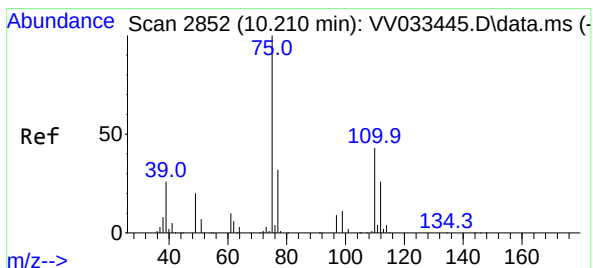
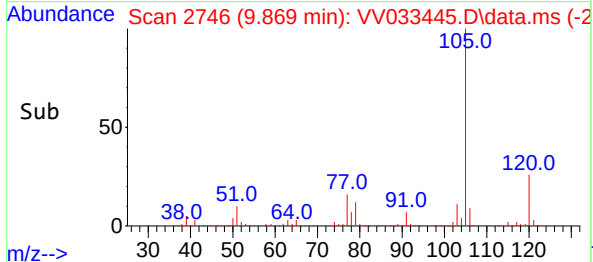
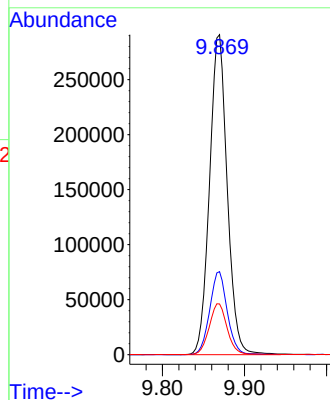
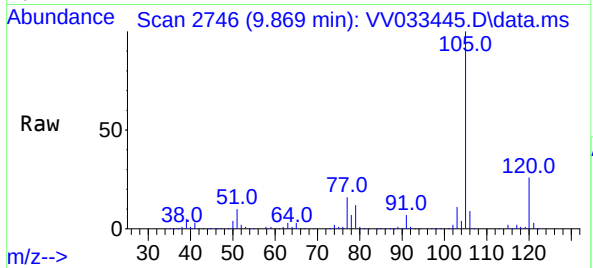




#60
Isopropylbenzene
Concen: 56.002 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

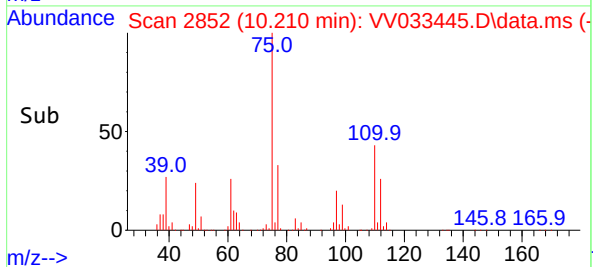
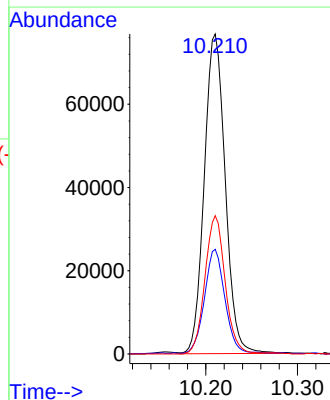
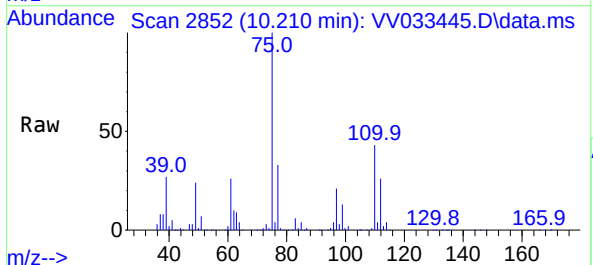
Instrument :
MSVOA_V
ClientSampleId :

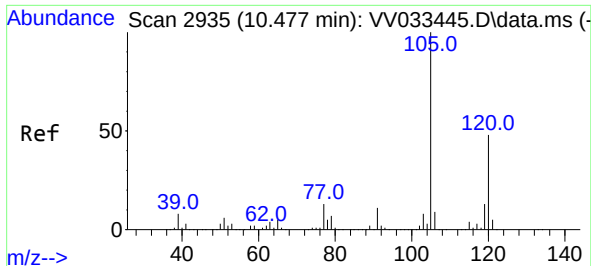
Tgt Ion:105 Resp: 436582
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 16.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 55.524 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 75 Resp: 122174
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
110 41.7 33.9 50.9

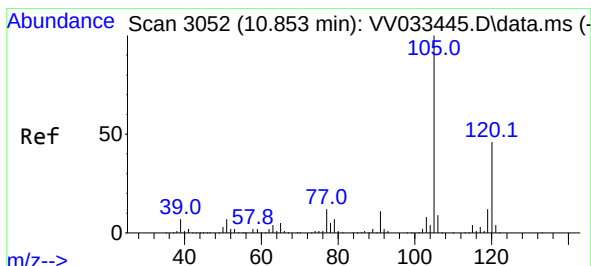
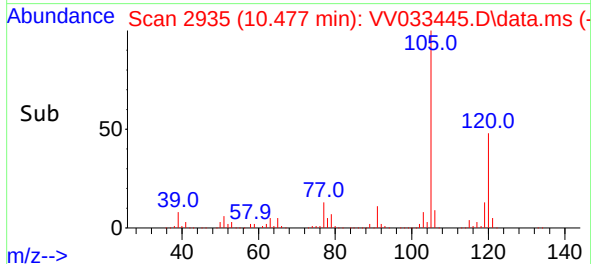
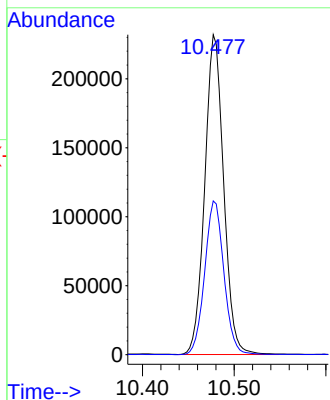
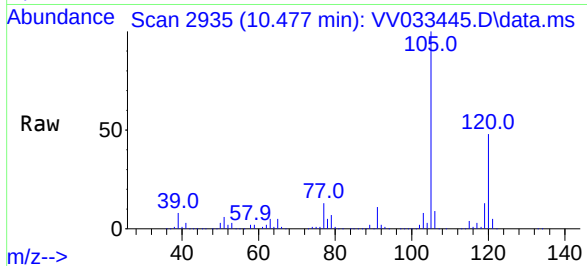




#62
1,3,5-Trimethylbenzene
Concen: 56.148 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

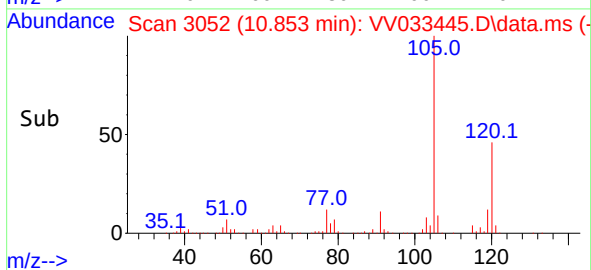
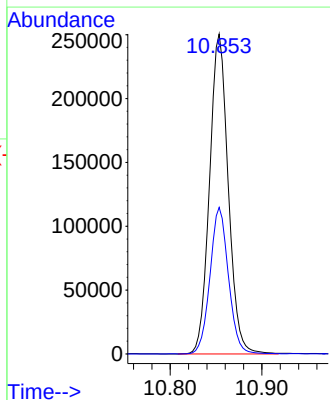
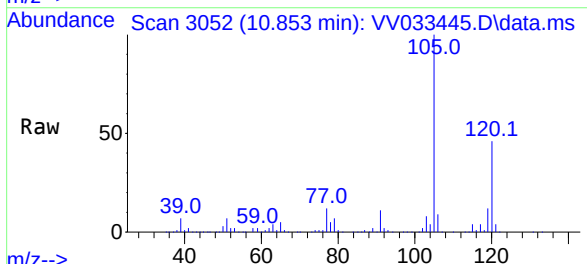
Instrument :
MSVOA_V
ClientSampleId :

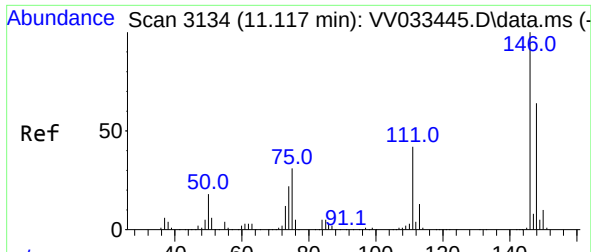
Tgt Ion:105 Resp: 331746
Ion Ratio Lower Upper
105 100
120 49.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 57.814 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:105 Resp: 354772
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.4

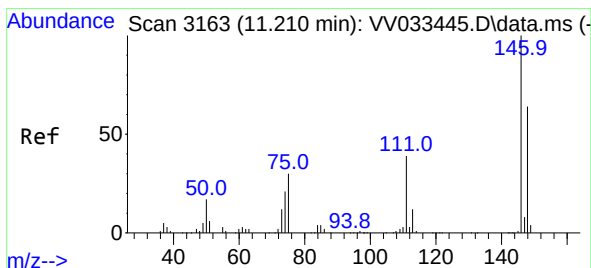
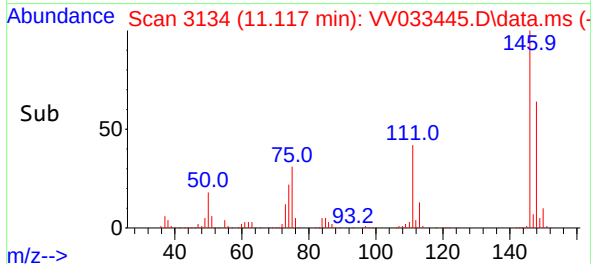
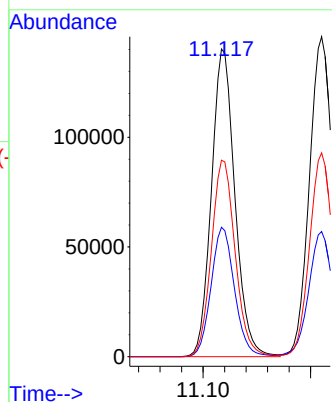
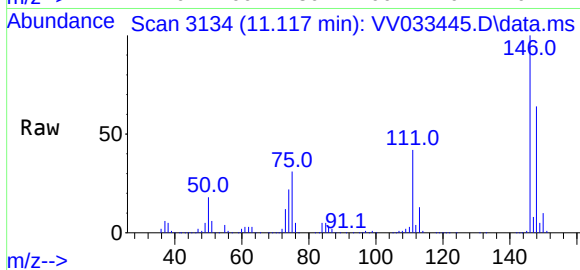




#64
1,3-Dichlorobenzene
Concen: 52.482 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

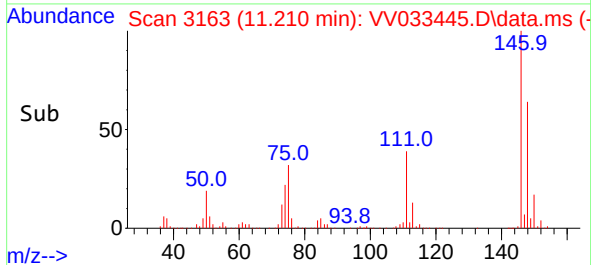
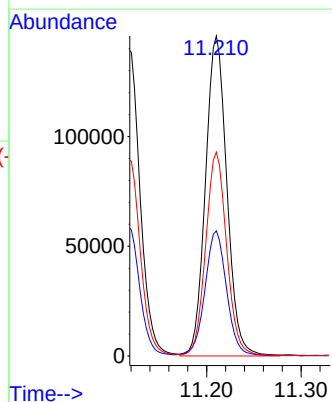
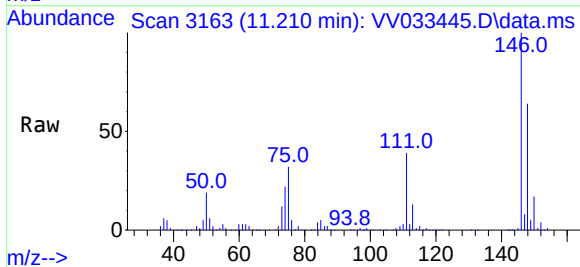
Instrument :
MSVOA_V
ClientSampleId :

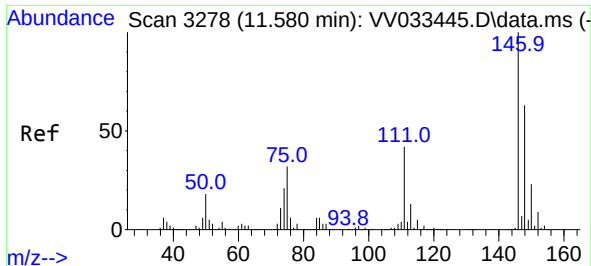
Tgt Ion:146 Resp: 212646
Ion Ratio Lower Upper
146 100
111 42.1 29.3 54.5
148 63.9 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 52.580 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:146 Resp: 229292
Ion Ratio Lower Upper
146 100
111 39.1 27.9 51.7
148 63.7 45.5 84.5

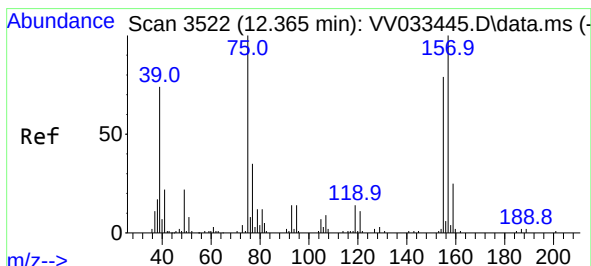
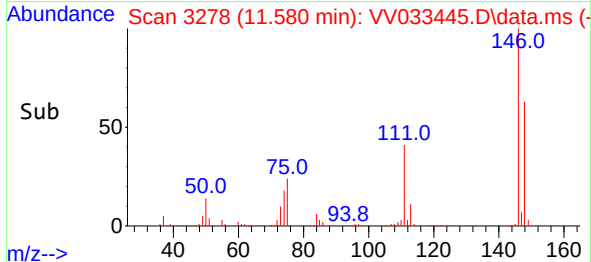
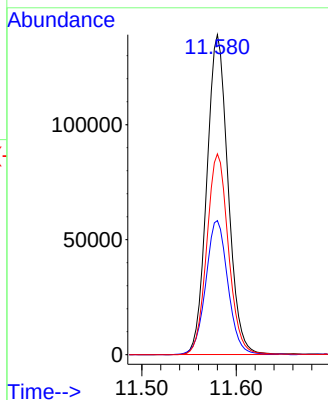
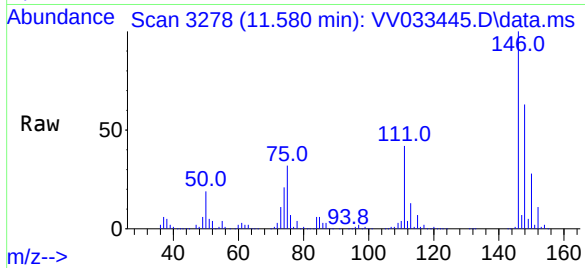




#67
1,2-Dichlorobenzene
Concen: 51.429 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

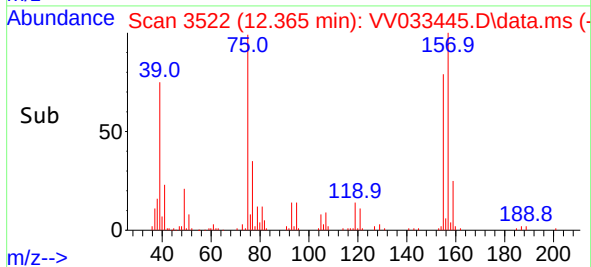
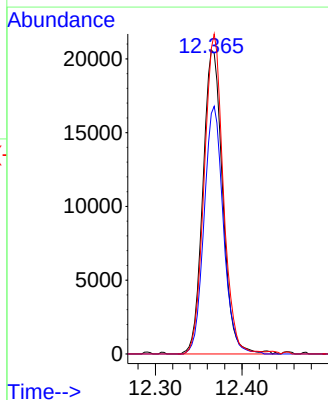
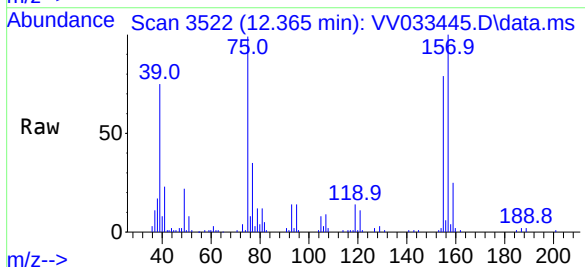
Instrument :
MSVOA_V
ClientSampleId :

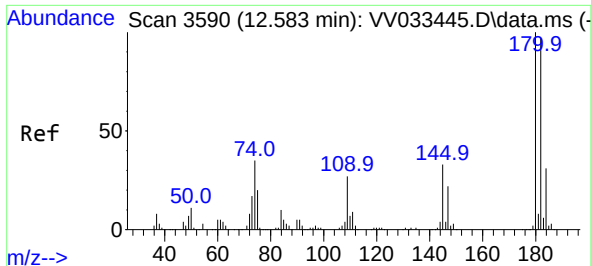
Tgt Ion:146 Resp: 216890
Ion Ratio Lower Upper
146 100
111 41.9 33.5 50.3
148 62.7 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 54.772 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.000 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion: 75 Resp: 32647
Ion Ratio Lower Upper
75 100
155 79.1 69.4 104.0
157 100.5 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 53.658 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

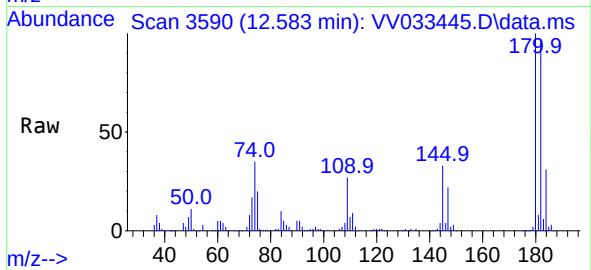
Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 150355

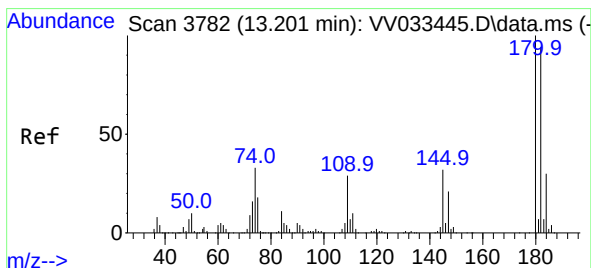
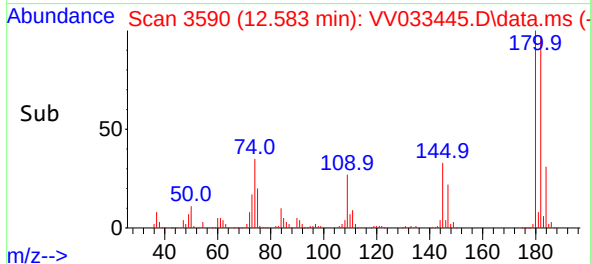
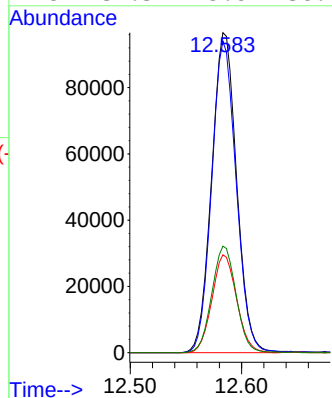
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

184 30.2 24.4 36.6

145 32.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 55.014 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033445.D

Acq: 18 Dec 2023 09:54

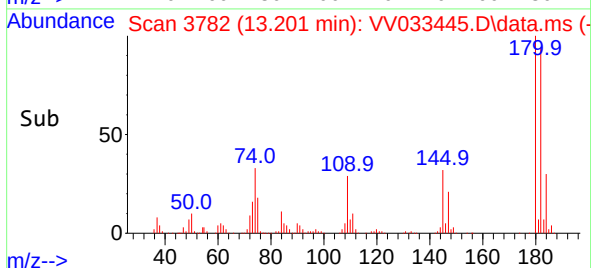
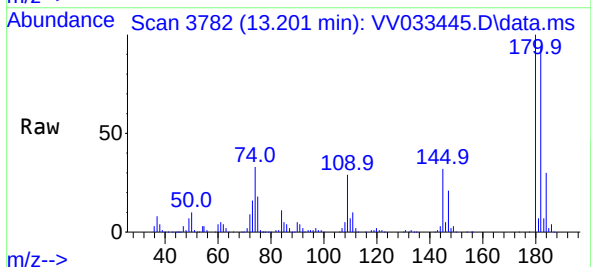
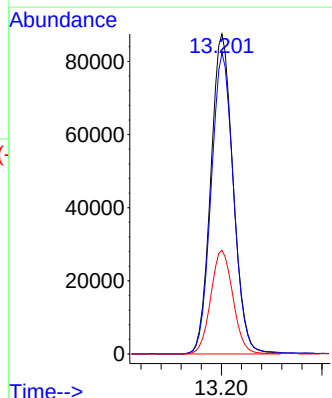
Tgt Ion:180 Resp: 134753

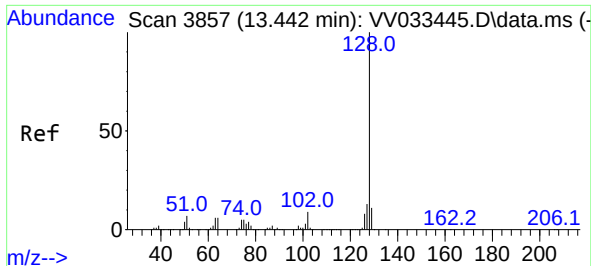
Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

145 32.2 25.6 38.4

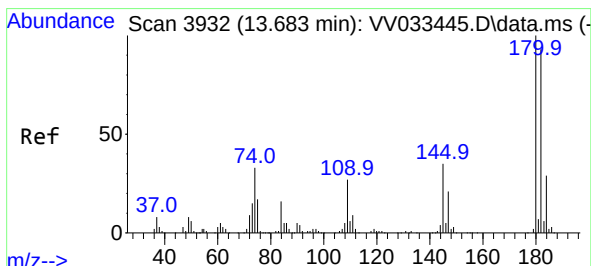
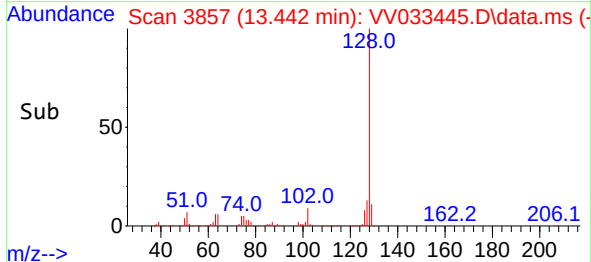
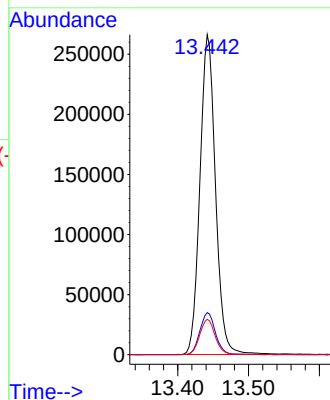
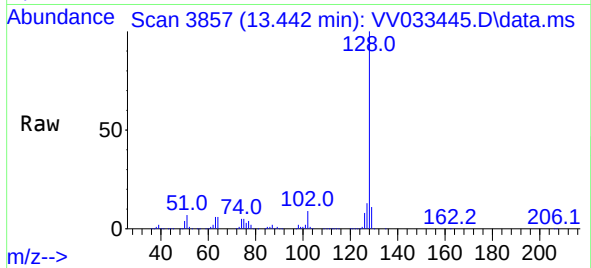




#71
Naphthalene
Concen: 61.478 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 405159
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 60.589 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV033445.D
Acq: 18 Dec 2023 09:54

Tgt Ion:180 Resp: 145163
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.2
145 34.8 27.1 40.7

