

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033202.D
 Acq On : 11 Dec 2023 10:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:40:22 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	280179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281317	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	174756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75309	44.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.920%
7) Chloroethane-d5	1.529	69	56310	48.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.500%
11) 1,1-Dichloroethene-d2	2.059	65	30399	47.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.420%
21) 2-Butanone-d5	3.780	46	77276	92.892	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.890%
24) Chloroform-d	4.246	84	179539	50.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
26) 1,2-Dichloroethane-d4	4.940	65	113203	51.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
32) Benzene-d6	4.960	84	324490	49.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	5.989	67	86552	48.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.860%
41) Toluene-d8	7.242	98	321602	51.240	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	7.551	79	53248	47.601	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%
47) 2-Hexanone-d5	8.021	63	69815	98.237	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	132751	52.789	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.580%
66) 1,2-Dichlorobenzene-d4	11.561	152	158082	50.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.104	85	148295	48.422	ug/L	98
3) Chloromethane	1.214	50	94760	46.914	ug/L	99
5) Vinyl chloride	1.281	62	94342	48.701	ug/L	97
6) Bromomethane	1.484	94	63590	50.306	ug/L	98
8) Chloroethane	1.548	64	50710	49.169	ug/L	99
9) Trichlorofluoromethane	1.712	101	176096	55.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82171	54.742	ug/L	96
12) 1,1-Dichloroethene	2.069	96	77103	54.891	ug/L	96
13) Acetone	2.108	43	79815	100.500	ug/L	96
14) Carbon disulfide	2.239	76	233954	46.423	ug/L	100
15) Methyl Acetate	2.368	43	62358	47.111	ug/L	95
16) Methylene chloride	2.445	84	93654	50.351	ug/L	93
17) trans-1,2-Dichloroethene	2.693	96	90906	49.291	ug/L	95
18) Methyl tert-butyl Ether	2.699	73	285445	50.949	ug/L	99
19) 1,1-Dichloroethane	3.111	63	149132	48.856	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	104233	53.264	ug/L	93
22) 2-Butanone	3.857	43	96809	95.787	ug/L	97
23) Bromochloromethane	4.146	128	58029	51.643	ug/L	94
25) Chloroform	4.275	83	186423	53.103	ug/L	94

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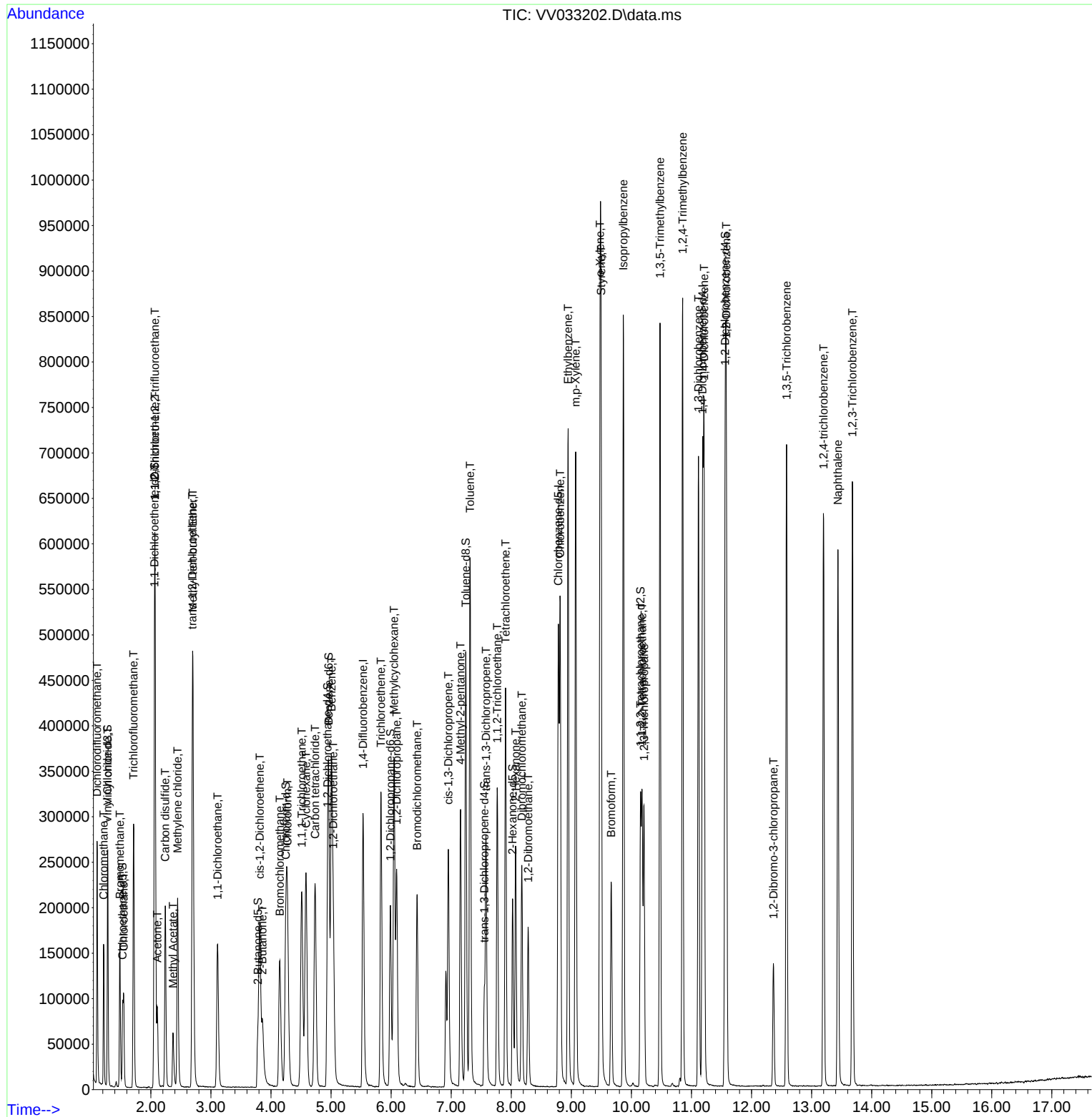
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	148745	53.619	ug/L	99
29) Cyclohexane	4.583	56	121772	46.865	ug/L	93
30) 1,1,1-Trichloroethane	4.513	97	185785	53.437	ug/L	99
31) Carbon tetrachloride	4.735	117	179678	55.582	ug/L	97
33) Benzene	5.008	78	366404	51.398	ug/L	100
34) Trichloroethene	5.831	95	105441	49.509	ug/L	97
35) Methylcyclohexane	6.050	83	158010	51.119	ug/L	97
37) 1,2-Dichloropropane	6.091	63	82552	50.037	ug/L	97
38) Bromodichloromethane	6.432	83	140198	52.710	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	155877	52.068	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	176666	100.852	ug/L	98
42) Toluene	7.313	91	433438	53.956	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	157915	52.165	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	100782	52.684	ug/L	98
46) Tetrachloroethene	7.905	164	98474	53.787	ug/L	95
48) 2-Hexanone	8.072	43	148373	102.160	ug/L	99
49) Dibromochloromethane	8.175	129	125104	54.784	ug/L	100
50) 1,2-Dibromoethane	8.281	107	110376	54.120	ug/L	99
51) Chlorobenzene	8.815	112	296536	52.493	ug/L	99
52) Ethylbenzene	8.947	91	493810	53.405	ug/L	100
53) m,p-Xylene	9.072	106	201281	54.968	ug/L	95
54) o-Xylene	9.477	106	193541	53.563	ug/L	99
55) Styrene	9.496	104	353836	56.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	137991	52.798	ug/L	100
59) Bromoform	9.664	173	102875	54.240	ug/L	98
60) Isopropylbenzene	9.866	105	538417	53.434	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	113546	52.107	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	435500	53.644	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	461715	54.610	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	284652	52.878	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	295379	52.822	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	283110	53.645	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.364	75	32024	47.895	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	221578	51.386	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	199833	50.161	ug/L	99
71) Naphthalene	13.438	128	477202	49.118	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	206307	53.669	ug/L	98

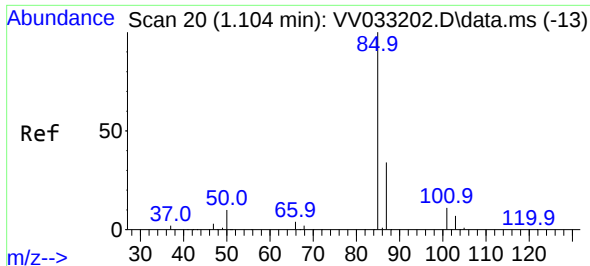
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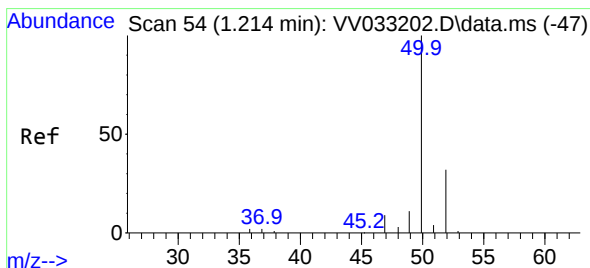
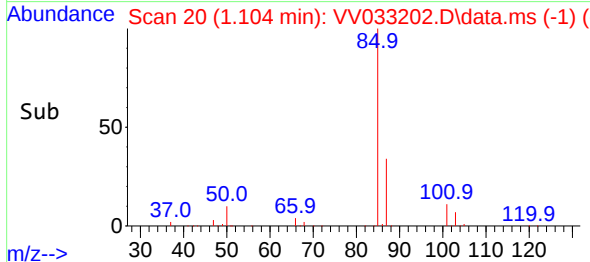
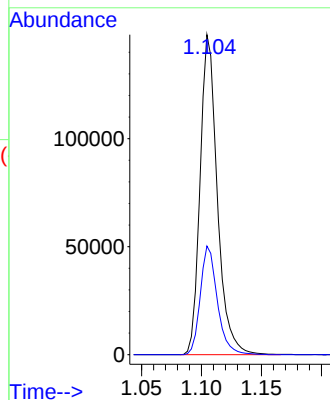
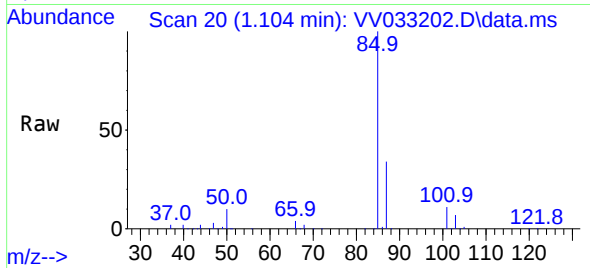




#2
 Dichlorodifluoromethane
 Concen: 48.422 ug/L
 RT: 1.104 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV033202.D
 Acq: 11 Dec 2023 10:42

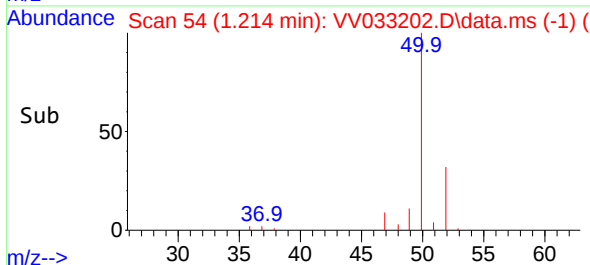
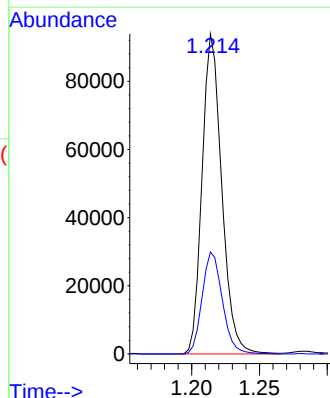
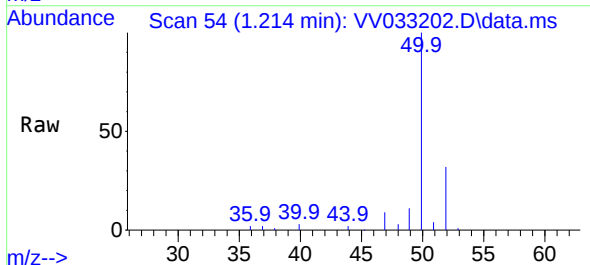
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 148295
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.0 39.0

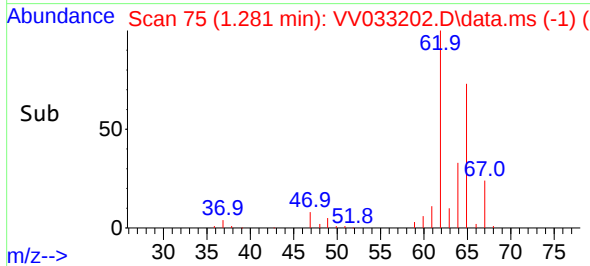
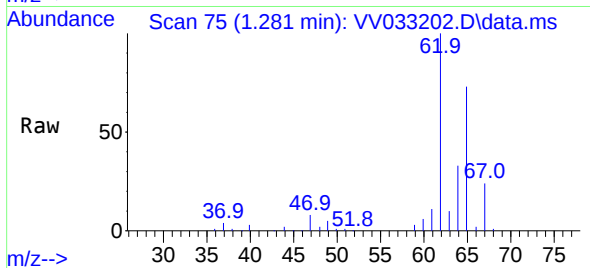
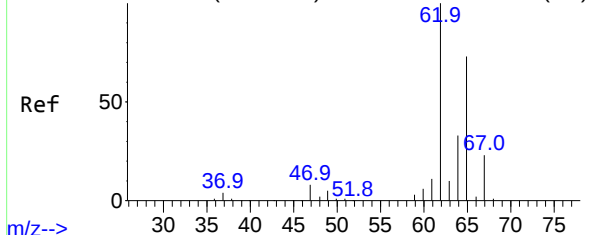


#3
 Chloromethane
 Concen: 46.914 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033202.D
 Acq: 11 Dec 2023 10:42

Tgt Ion: 50 Resp: 94760
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.8 42.4



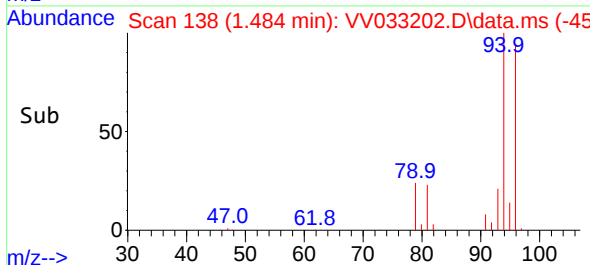
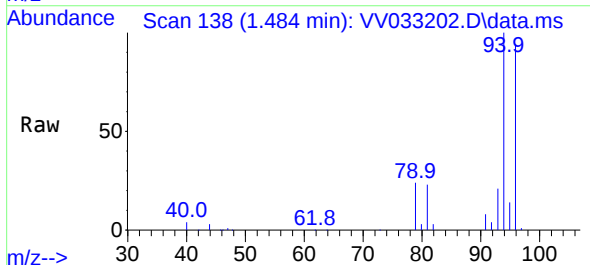
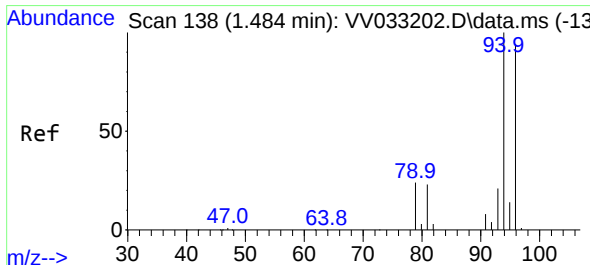
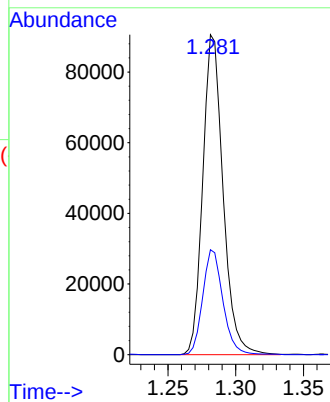
Abundance Scan 75 (1.281 min): VV033202.D\data.ms (-68)



#5
Vinyl chloride
Concen: 48.701 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

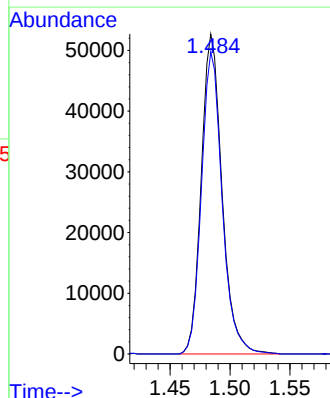
Instrument :
MSVOA_V
ClientSampleId :

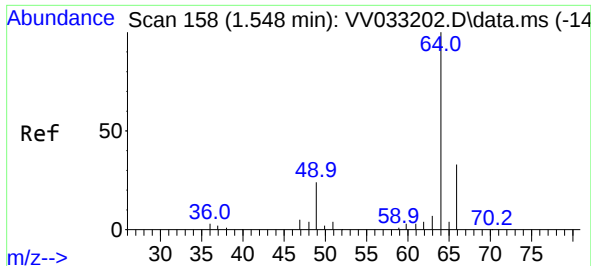
Tgt Ion: 62 Resp: 94342
Ion Ratio Lower Upper
62 100
64 32.8 24.2 45.0



#6
Bromomethane
Concen: 50.306 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 94 Resp: 63590
Ion Ratio Lower Upper
94 100
96 94.4 67.1 124.7

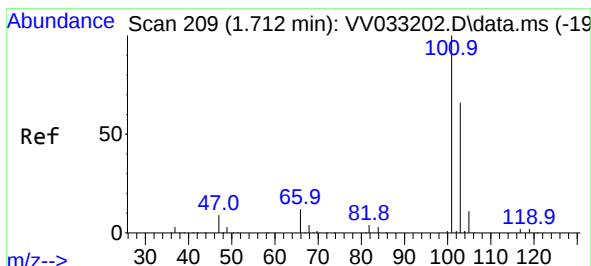
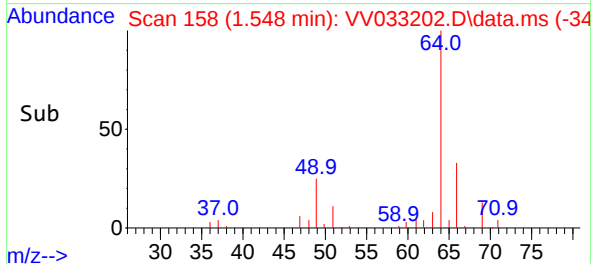
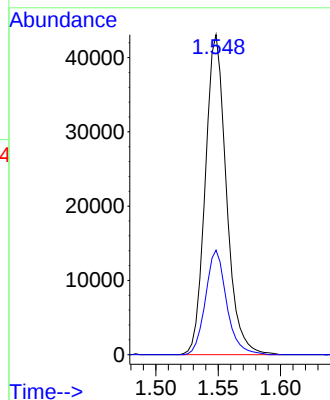
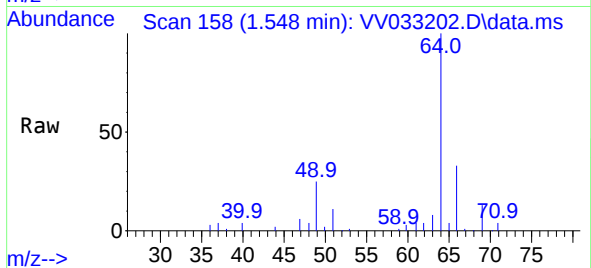




#8
Chloroethane
Concen: 49.169 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

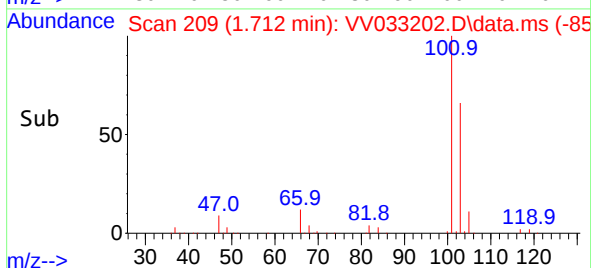
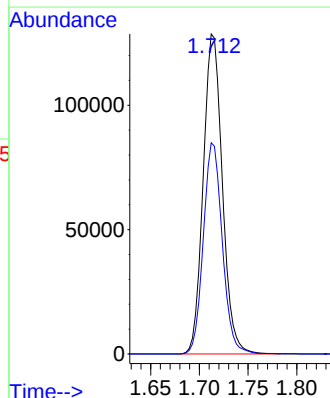
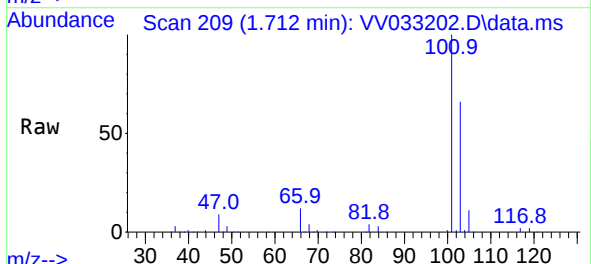
Instrument :
MSVOA_V
ClientSampleId :

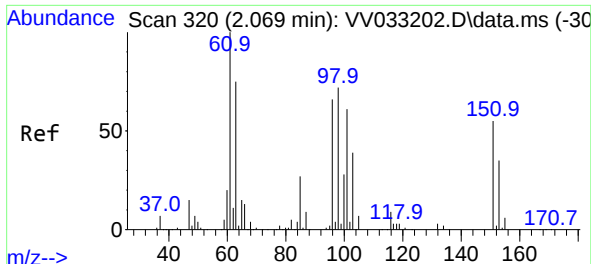
Tgt Ion: 64 Resp: 50710
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 55.090 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:101 Resp: 176096
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9

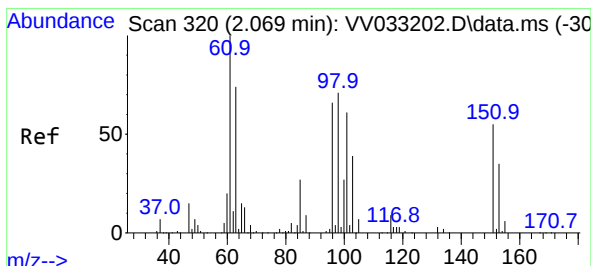
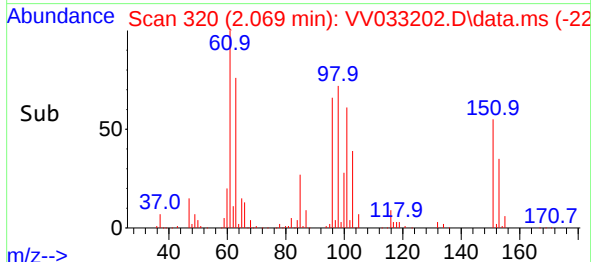
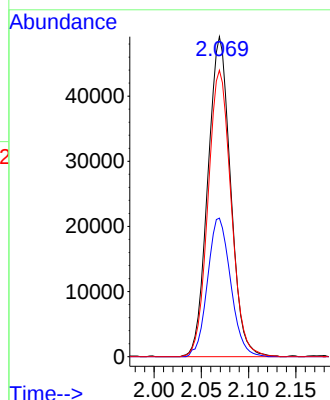
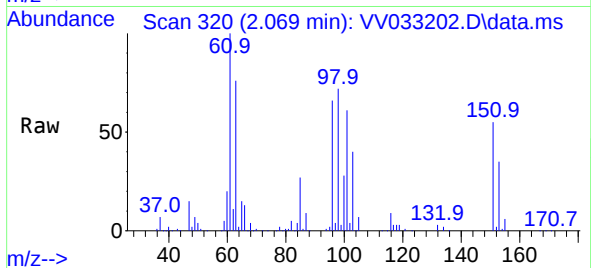




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.742 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

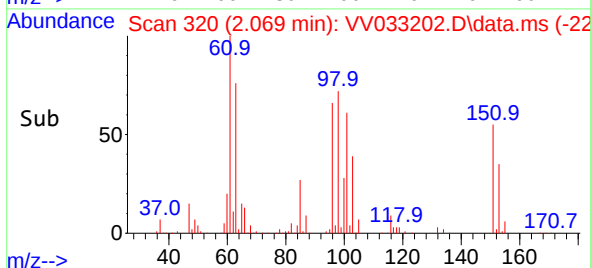
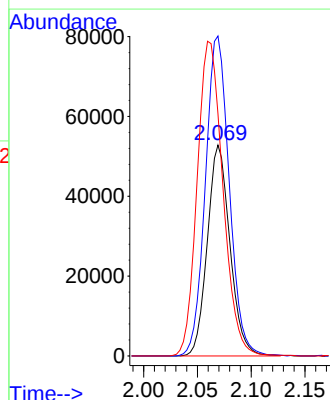
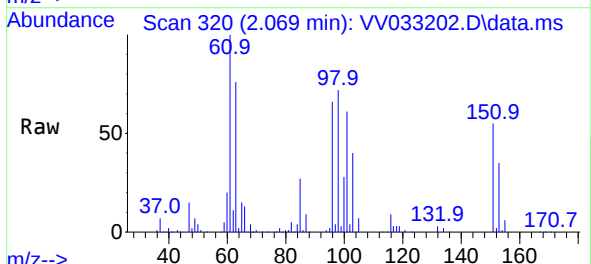
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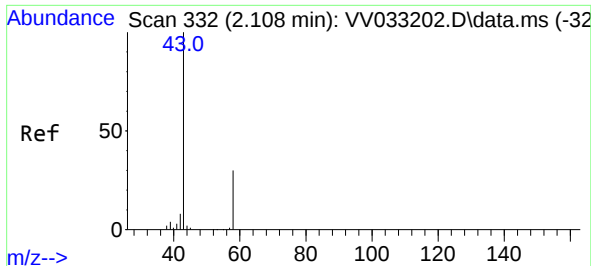
Tgt Ion:101 Resp: 82171
Ion Ratio Lower Upper
101 100
85 44.0 36.0 54.0
151 90.8 69.1 103.7



#12
1,1-Dichloroethene
Concen: 54.891 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 96 Resp: 77103
Ion Ratio Lower Upper
96 100
61 151.8 109.1 202.7
63 114.9 85.3 158.3





#13

Acetone

Concen: 100.500 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

Instrument :

MSVOA_V

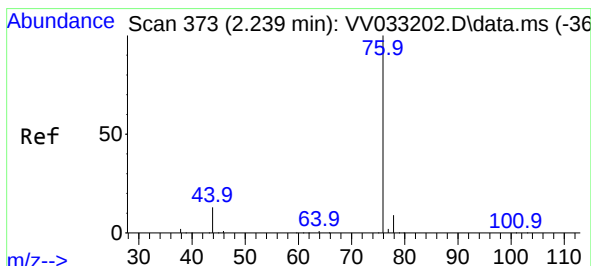
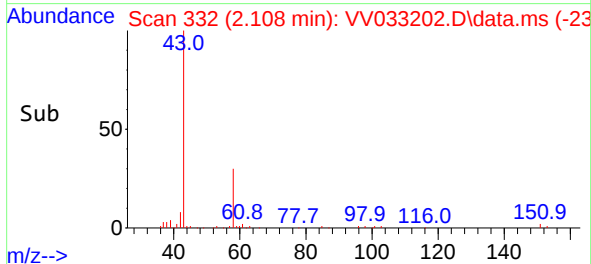
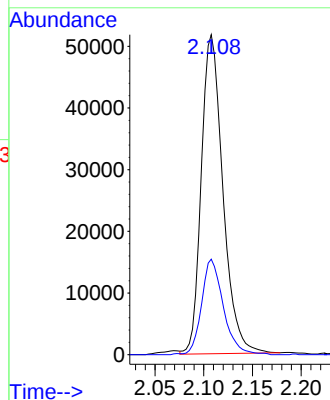
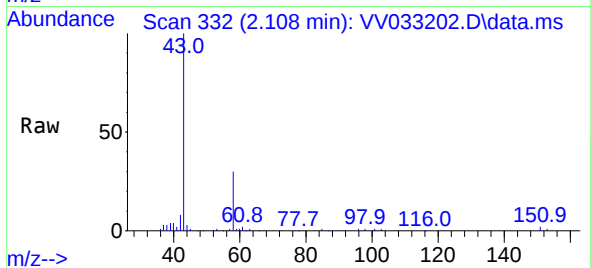
ClientSampleId :

Tgt Ion: 43 Resp: 79815

Ion Ratio Lower Upper

43 100

58 29.3 0.0 62.8



#14

Carbon disulfide

Concen: 46.423 ug/L

RT: 2.239 min Scan# 373

Delta R.T. -0.003 min

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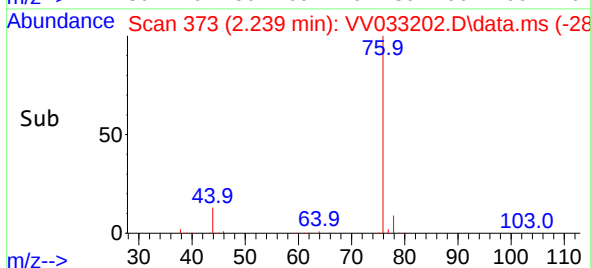
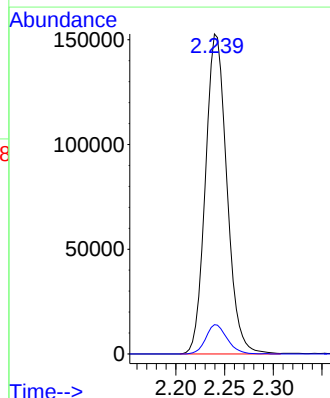
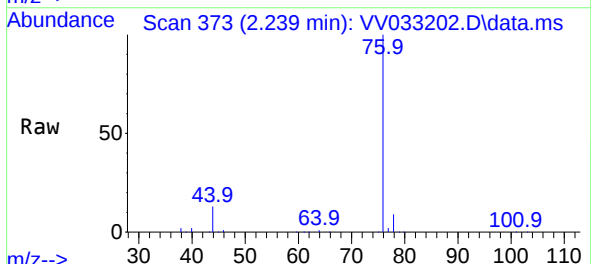
Acq: 11 Dec 2023 10:42

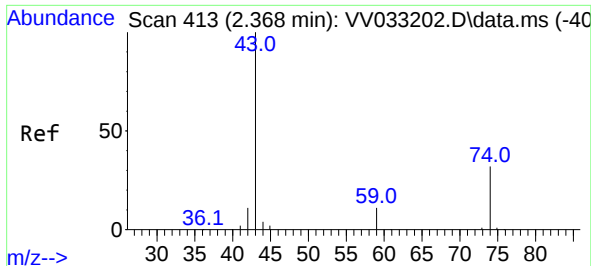
Tgt Ion: 76 Resp: 233954

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

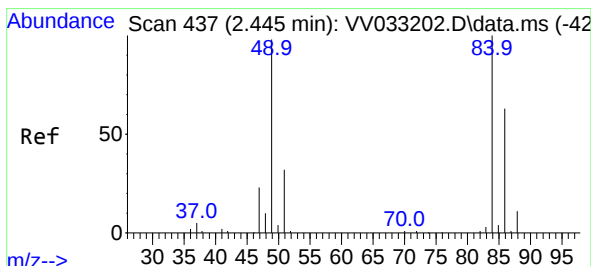
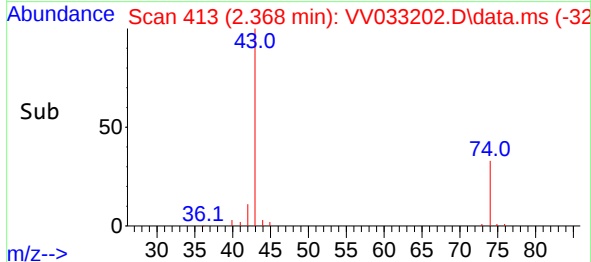
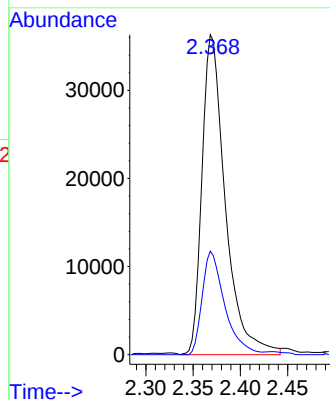
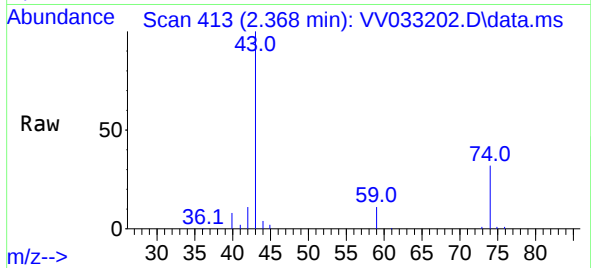




#15
Methyl Acetate
Concen: 47.111 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

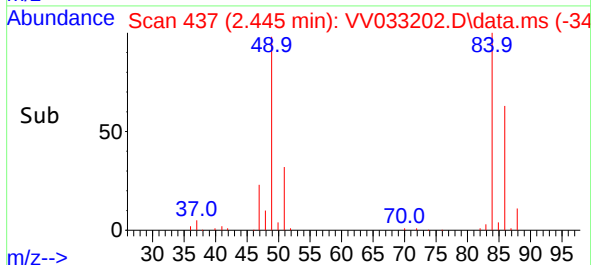
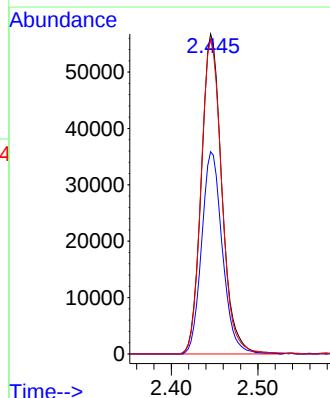
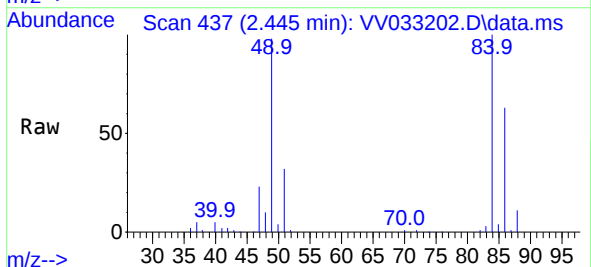
Instrument :
MSVOA_V
ClientSampleId :

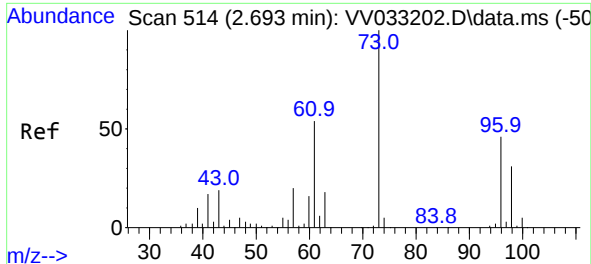
Tgt Ion: 43 Resp: 62358
Ion Ratio Lower Upper
43 100
74 31.1 22.6 33.8



#16
Methylene chloride
Concen: 50.351 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 84 Resp: 93654
Ion Ratio Lower Upper
84 100
86 63.2 45.9 85.3
49 98.3 75.5 140.1

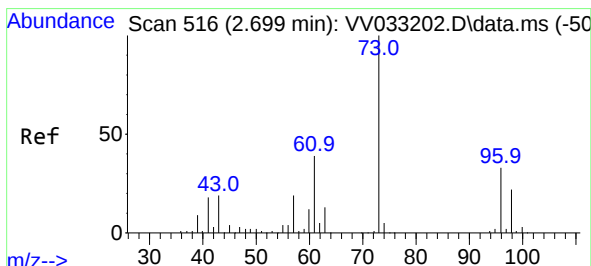
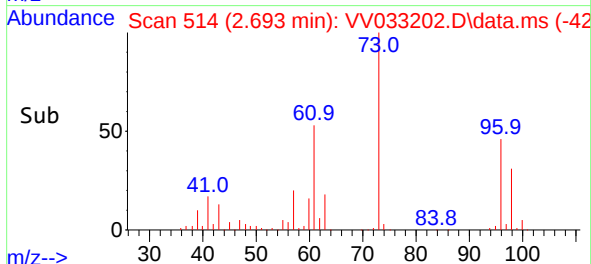
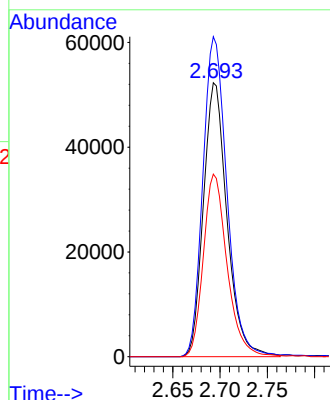
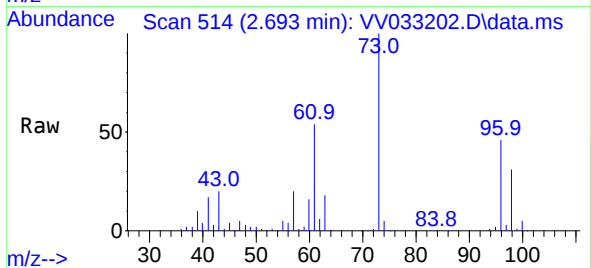




#17
trans-1,2-Dichloroethene
Concen: 49.291 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

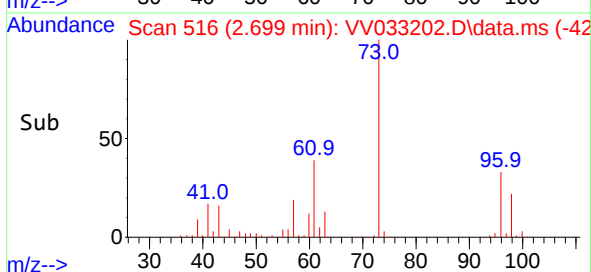
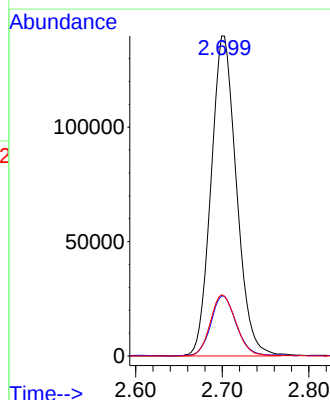
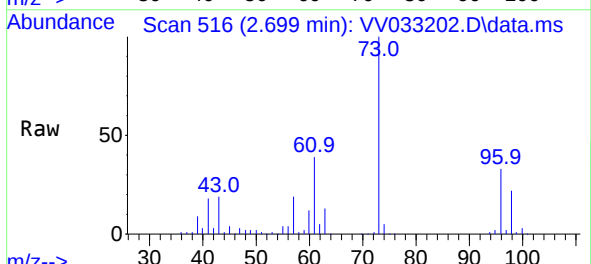
Instrument :
MSVOA_V
ClientSampleId :

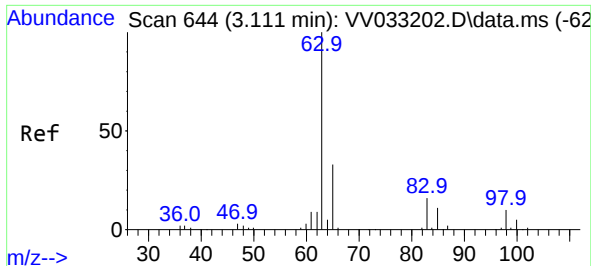
Tgt Ion: 96 Resp: 90906
Ion Ratio Lower Upper
96 100
61 116.8 86.5 160.6
98 66.6 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 50.949 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

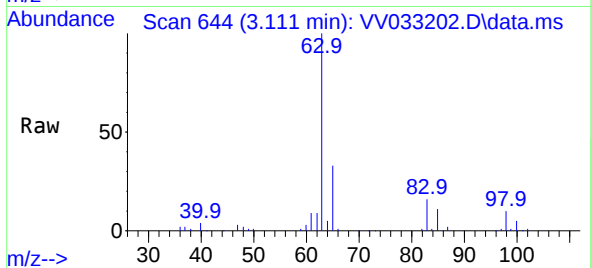
Tgt Ion: 73 Resp: 285445
Ion Ratio Lower Upper
73 100
43 18.9 15.4 23.2
57 19.2 16.1 24.1



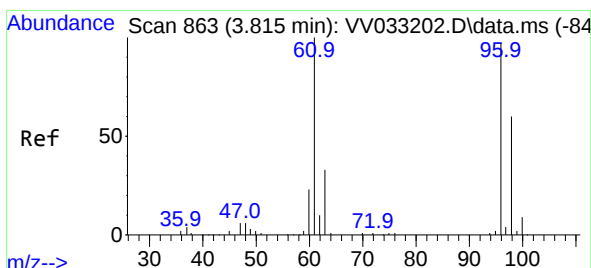
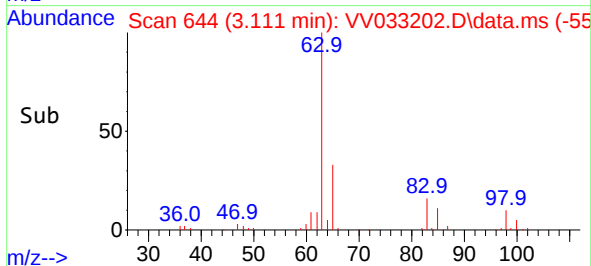
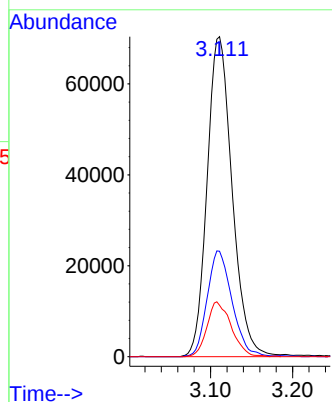


#19
1,1-Dichloroethane
Concen: 48.856 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :

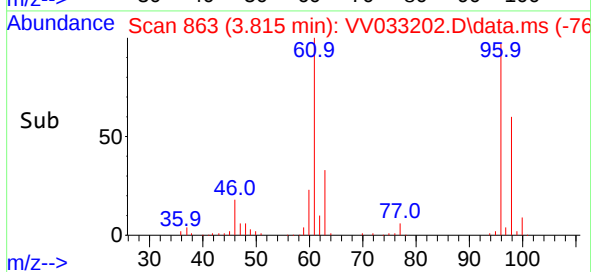
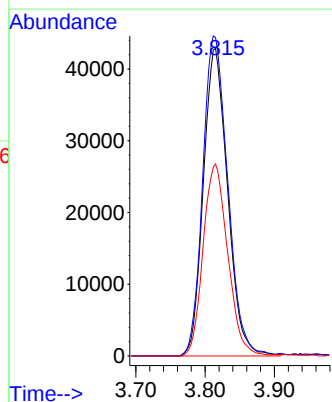
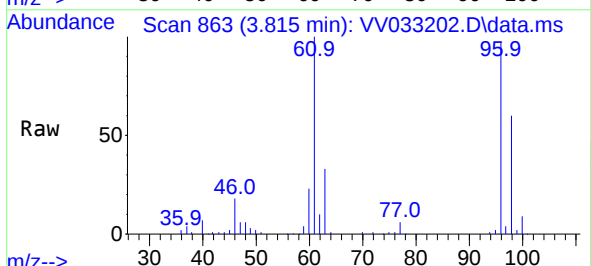


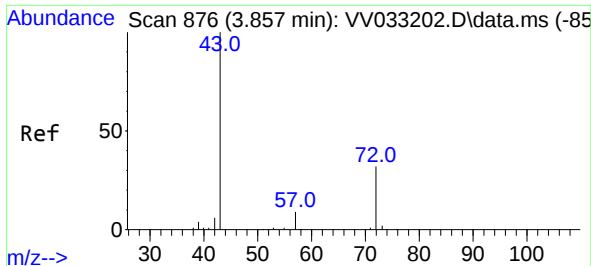
Tgt Ion: 63 Resp: 149132
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.6
83 16.1 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 53.264 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 96 Resp: 104233
Ion Ratio Lower Upper
96 100
61 103.5 79.1 146.9
98 62.5 45.1 83.7

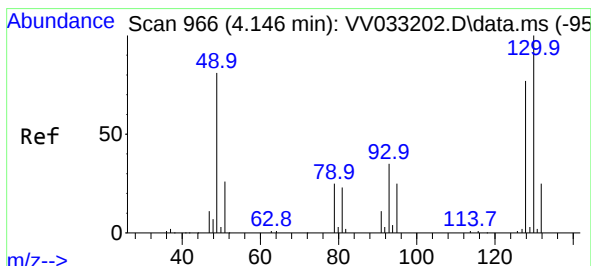
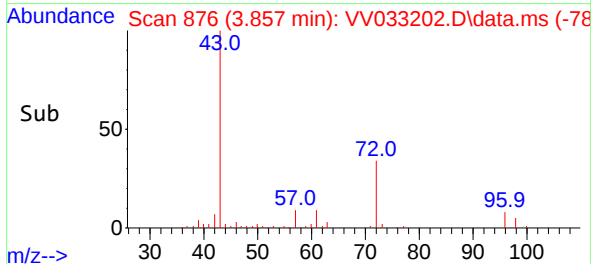
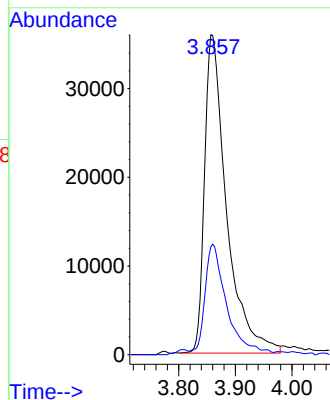
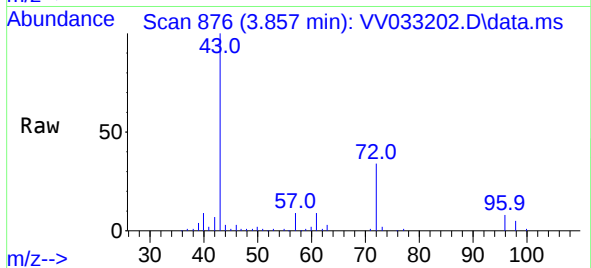




#22
2-Butanone
Concen: 95.787 ug/L
RT: 3.857 min Scan# 876
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

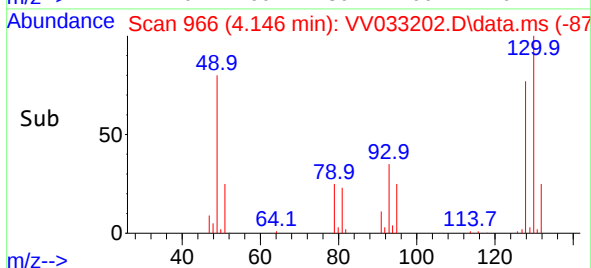
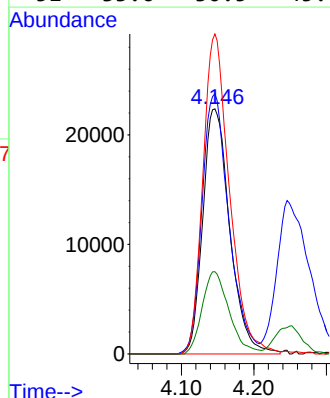
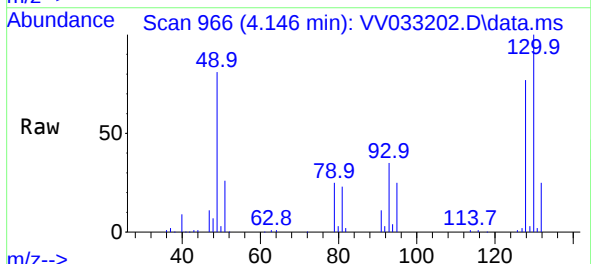
Instrument :
MSVOA_V
ClientSampleId :

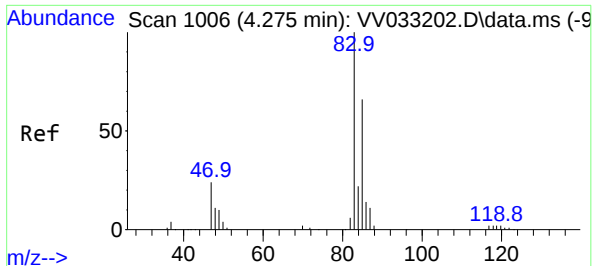
Tgt Ion: 43 Resp: 96809
Ion Ratio Lower Upper
43 100
72 30.8 14.6 43.8



#23
Bromochloromethane
Concen: 51.643 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:128 Resp: 58029
Ion Ratio Lower Upper
128 100
49 106.2 81.7 151.7
130 130.5 90.1 167.3
51 33.6 30.5 45.7





#25

Chloroform

Concen: 53.103 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

Instrument :

MSVOA_V

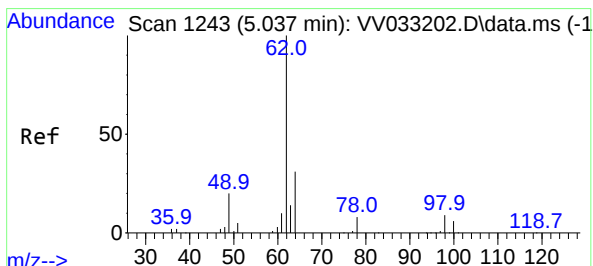
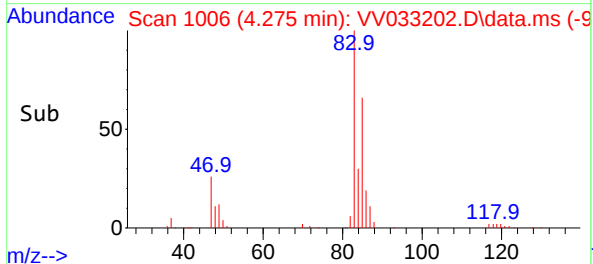
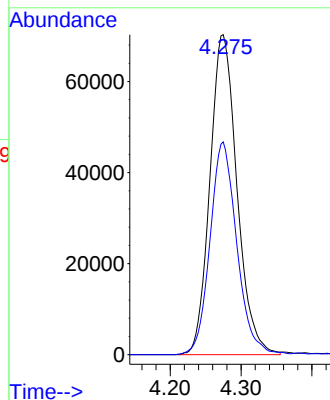
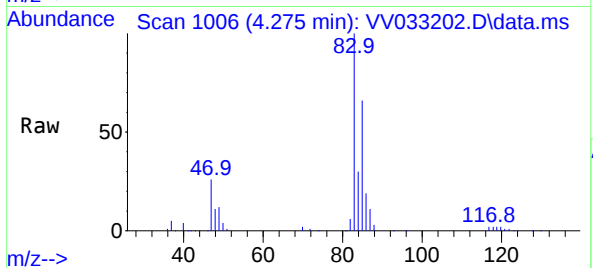
ClientSampleId :

Tgt Ion: 83 Resp: 186423

Ion Ratio Lower Upper

83 100

85 66.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 53.619 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV033202.D

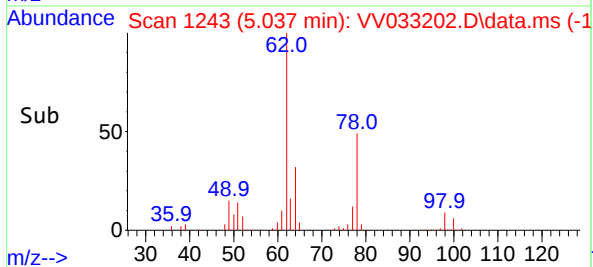
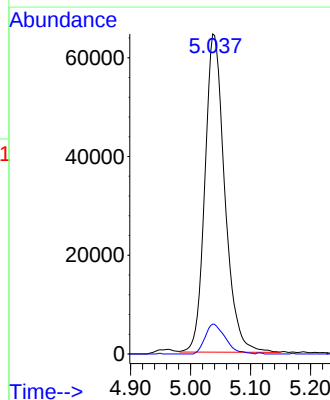
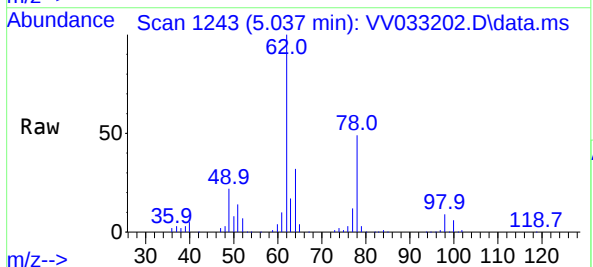
Acq: 11 Dec 2023 10:42

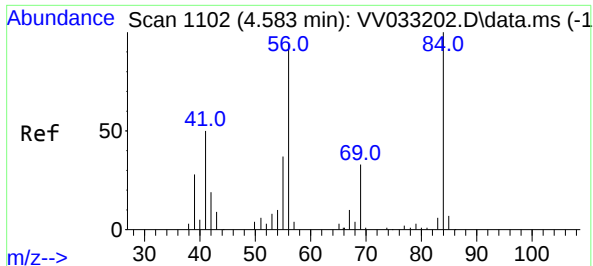
Tgt Ion: 62 Resp: 148745

Ion Ratio Lower Upper

62 100

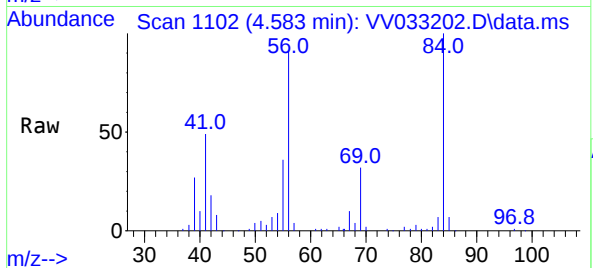
98 9.3 7.8 11.8



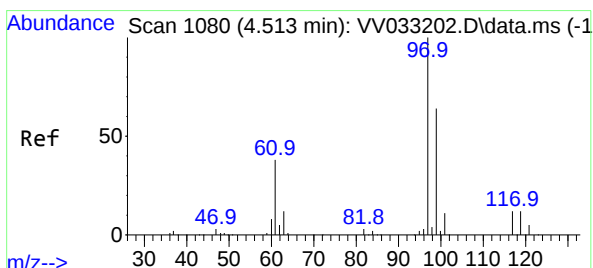
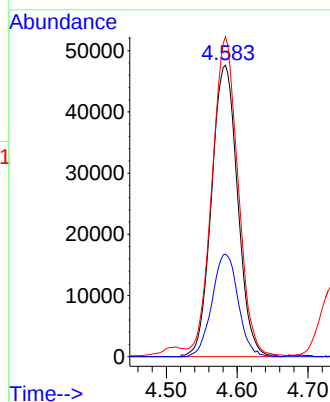
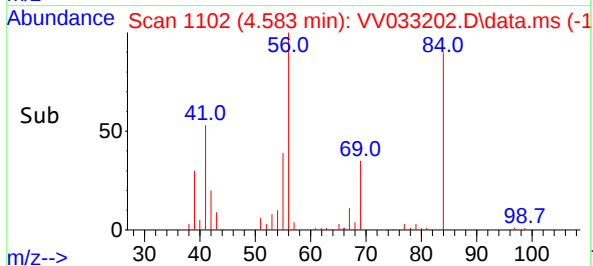


#29
Cyclohexane
Concen: 46.865 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :

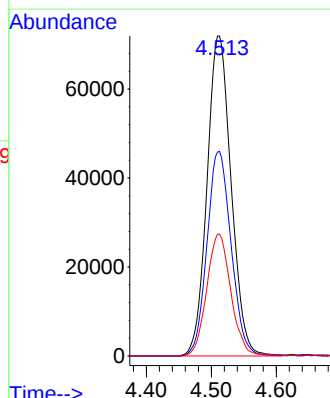
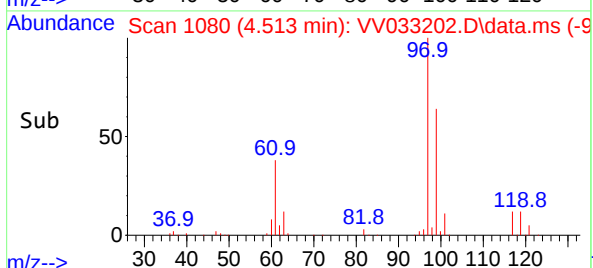
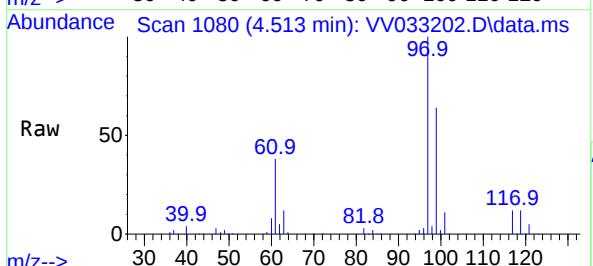


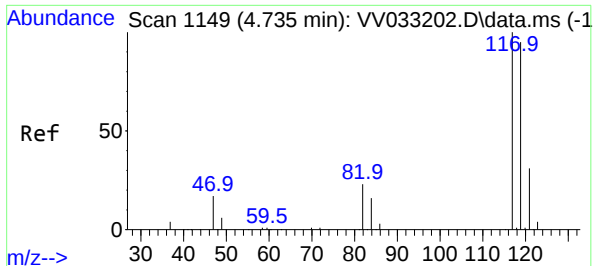
Tgt Ion: 56 Resp: 121772
Ion Ratio Lower Upper
56 100
69 35.2 26.9 40.3
84 108.7 80.6 121.0



#30
1,1,1-Trichloroethane
Concen: 53.437 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 97 Resp: 185785
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 38.1 31.8 47.8

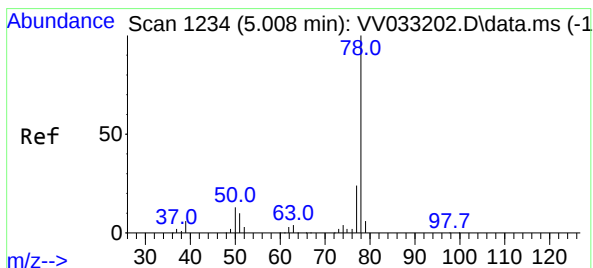
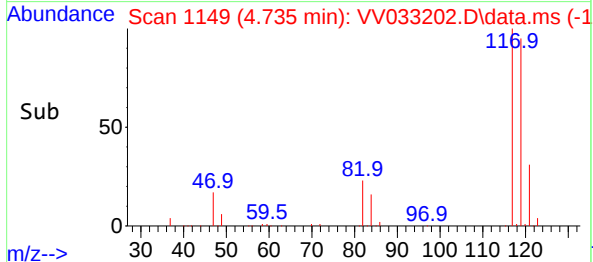
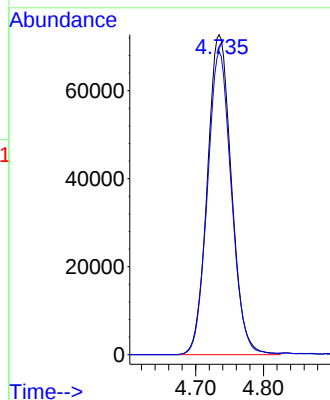
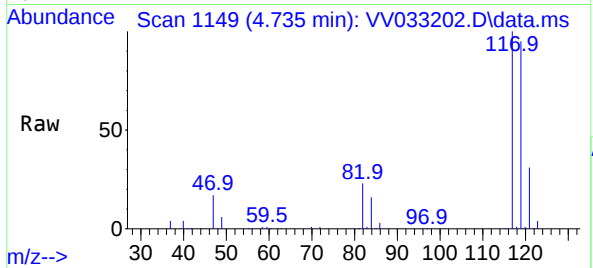




#31
Carbon tetrachloride
Concen: 55.582 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

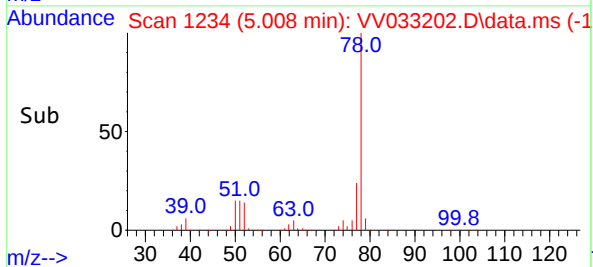
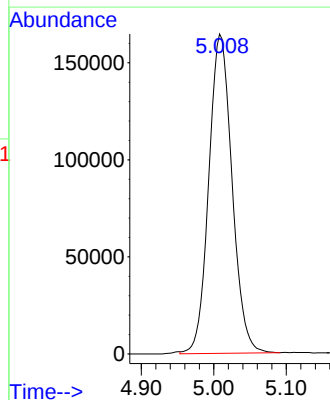
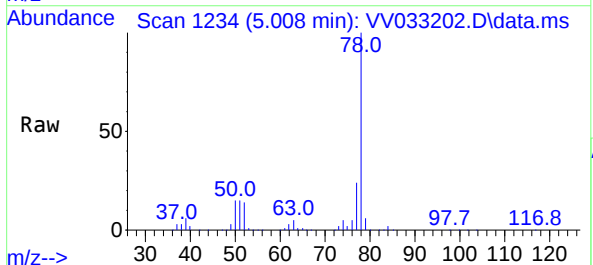
Instrument :
MSVOA_V
ClientSampleId :

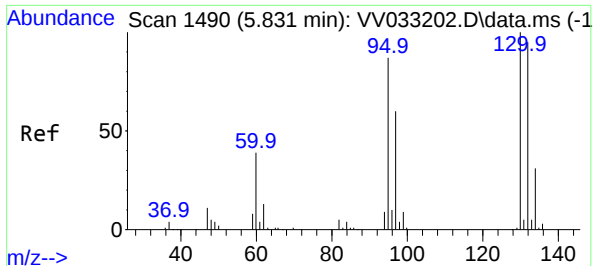
Tgt Ion:117 Resp: 179678
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3



#33
Benzene
Concen: 51.398 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 78 Resp: 366404



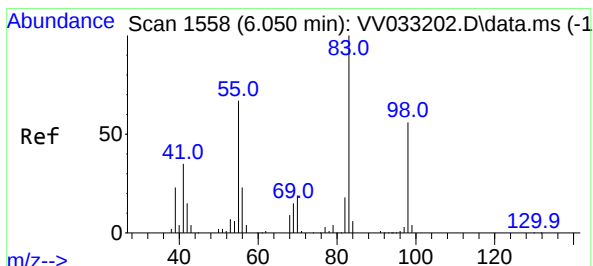
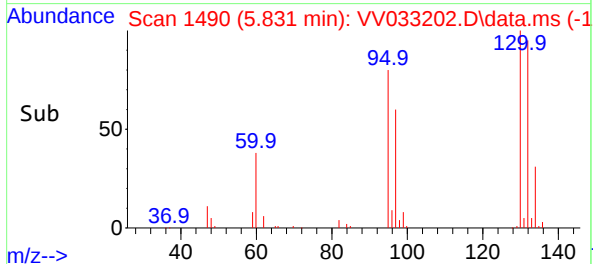
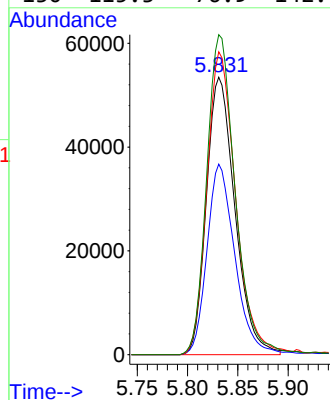
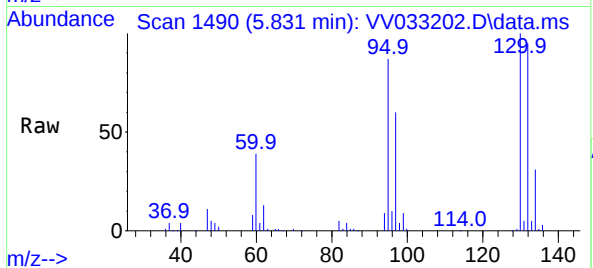


#34
Trichloroethene
Concen: 49.509 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 105441

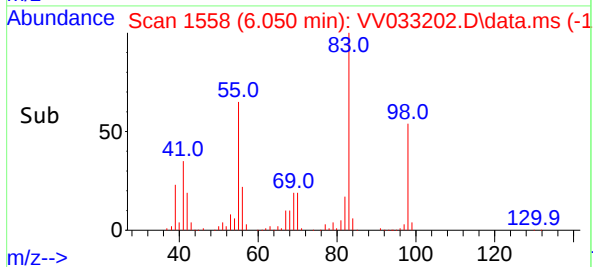
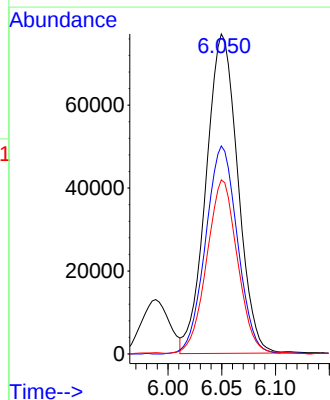
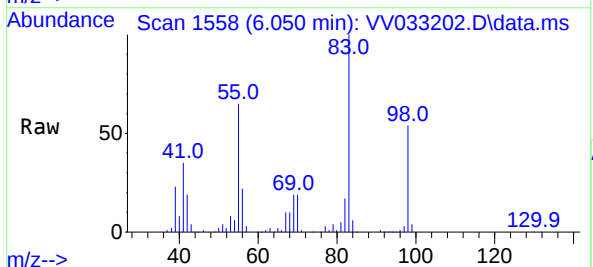
Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.8	85.0
132	109.2	77.4	143.8
130	115.3	76.9	142.7

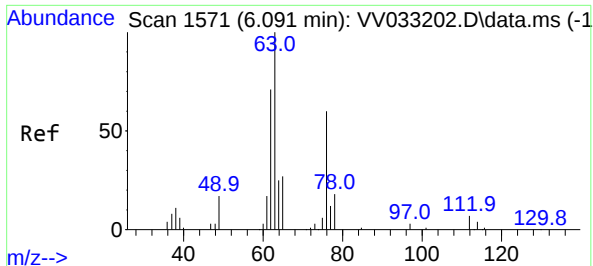


#35
Methylcyclohexane
Concen: 51.119 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 83 Resp: 158010

Ion	Ratio	Lower	Upper
83	100		
55	65.6	54.8	82.2
98	53.2	41.4	62.0

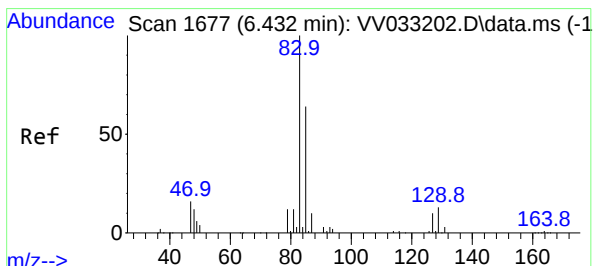
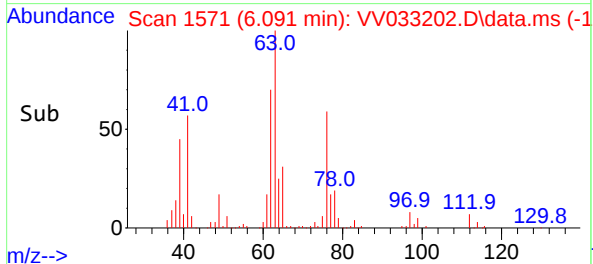
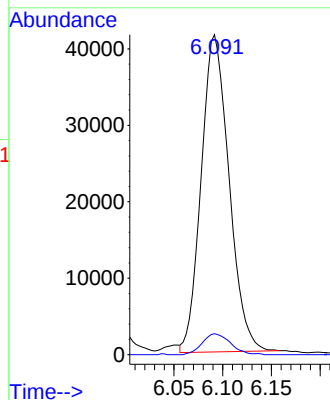
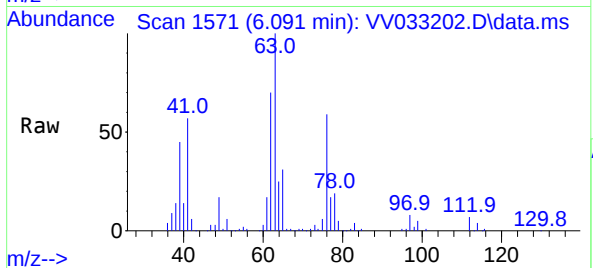




#37
1,2-Dichloropropane
Concen: 50.037 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

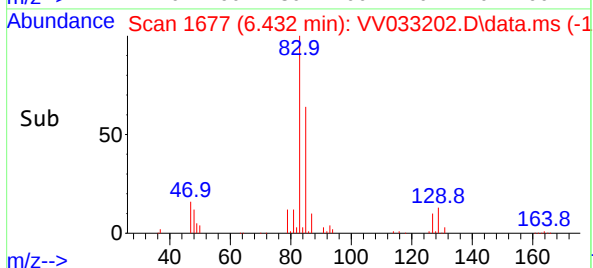
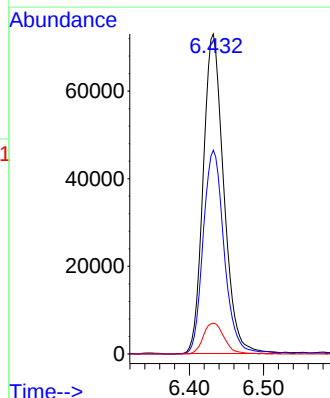
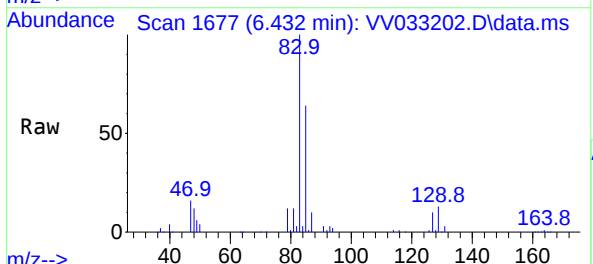
Instrument :
MSVOA_V
ClientSampleId :

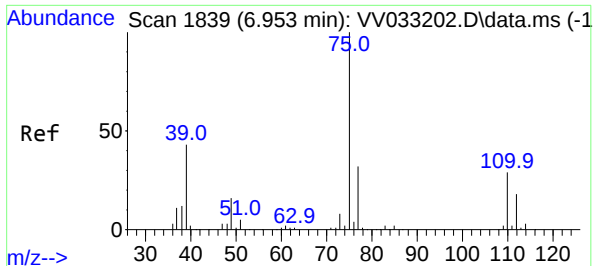
Tgt Ion: 63 Resp: 82552
Ion Ratio Lower Upper
63 100
112 6.6 4.6 6.8



#38
Bromodichloromethane
Concen: 52.710 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 83 Resp: 140198
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6
127 9.6 7.4 11.2

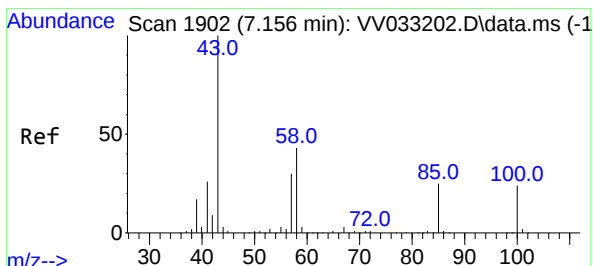
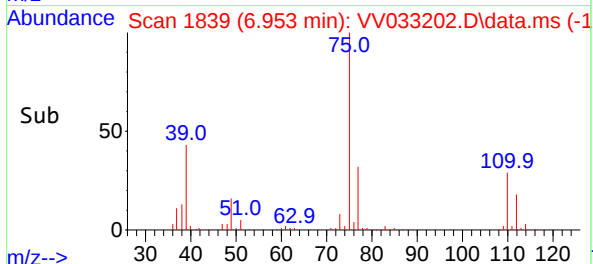
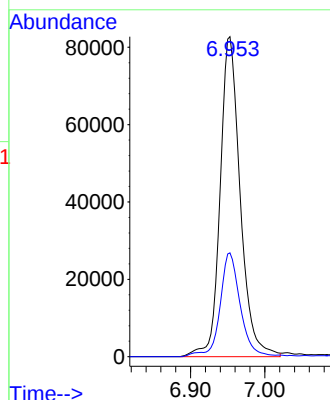
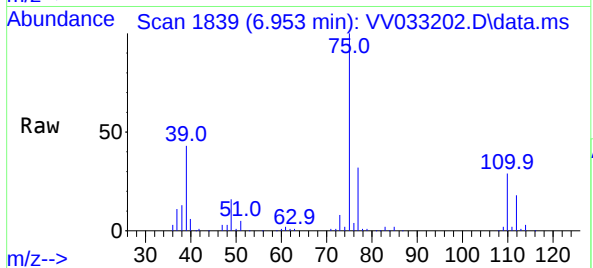




#39
 cis-1,3-Dichloropropene
 Concen: 52.068 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VV033202.D
 Acq: 11 Dec 2023 10:42

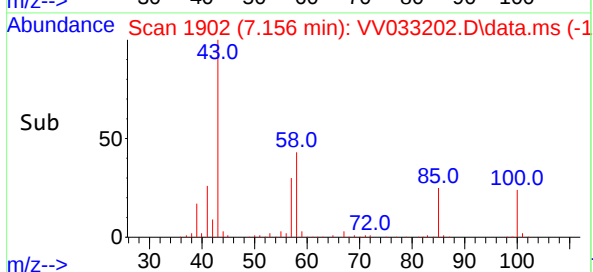
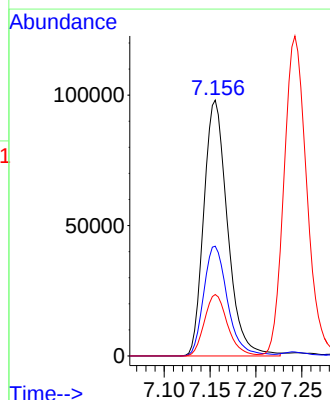
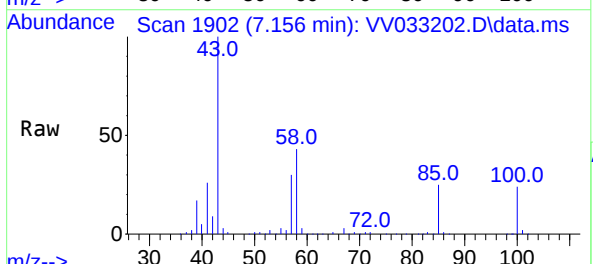
Instrument :
 MSVOA_V
 ClientSampleId :

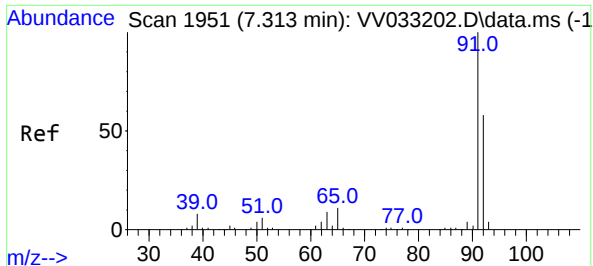
Tgt Ion: 75 Resp: 155877
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 100.852 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV033202.D
 Acq: 11 Dec 2023 10:42

Tgt Ion: 43 Resp: 176666
 Ion Ratio Lower Upper
 43 100
 58 43.2 34.5 51.7
 100 23.4 17.0 25.6





#42

Toluene

Concen: 53.956 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

Instrument :

MSVOA_V

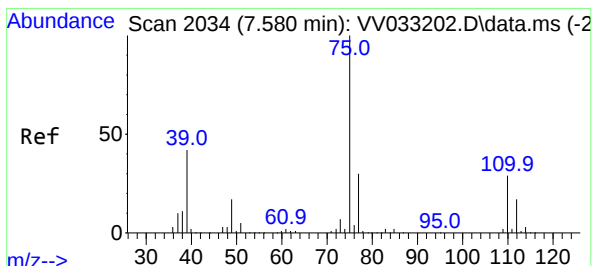
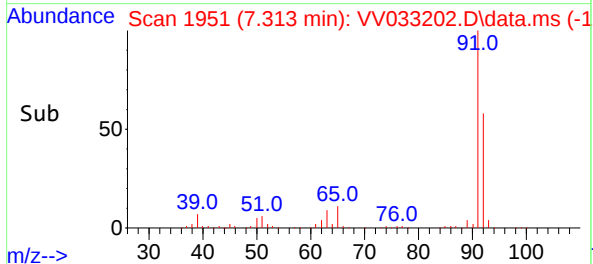
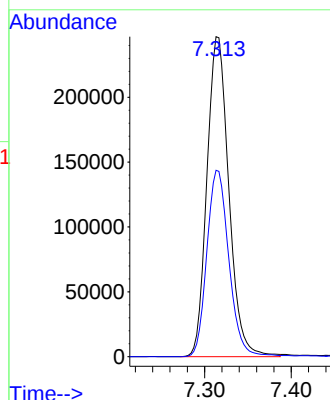
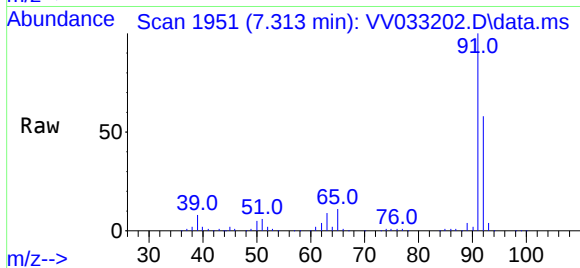
ClientSampleId :

Tgt Ion: 91 Resp: 433438

Ion Ratio Lower Upper

91 100

92 58.3 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 52.165 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033202.D

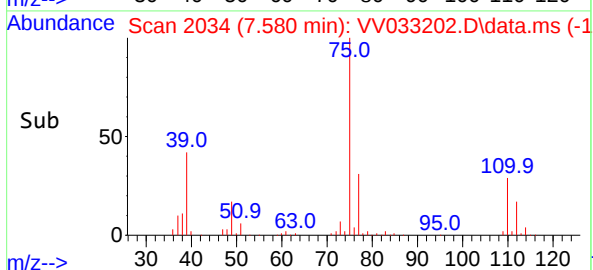
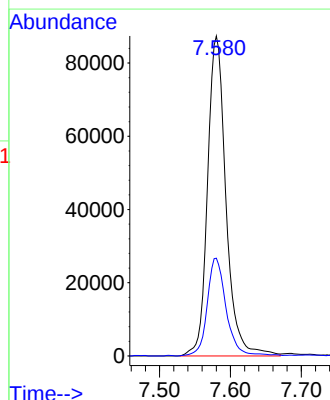
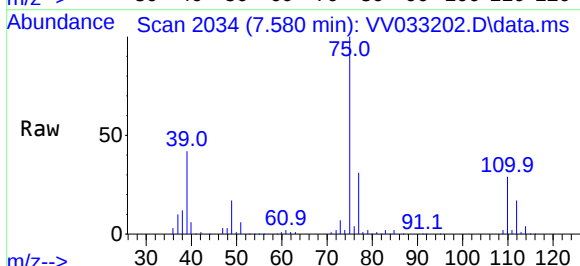
Acq: 11 Dec 2023 10:42

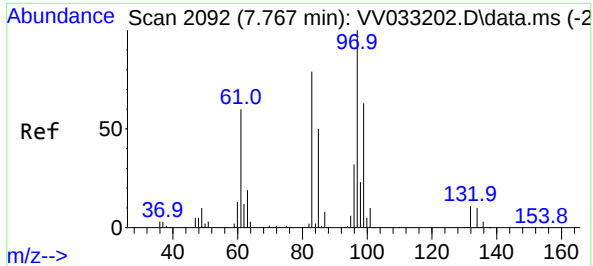
Tgt Ion: 75 Resp: 157915

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0



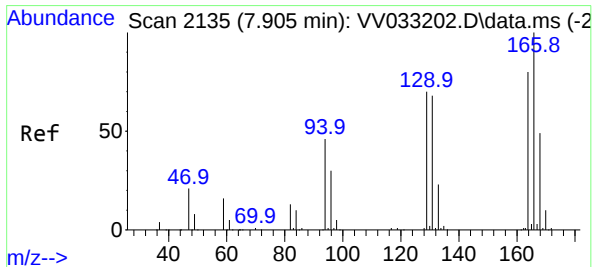
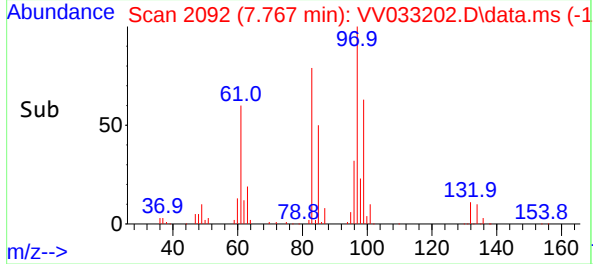
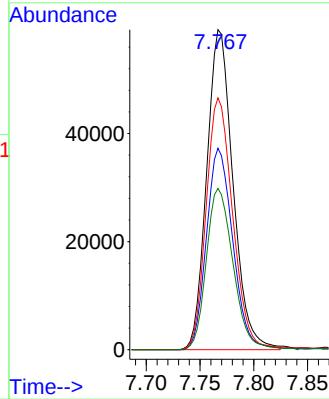
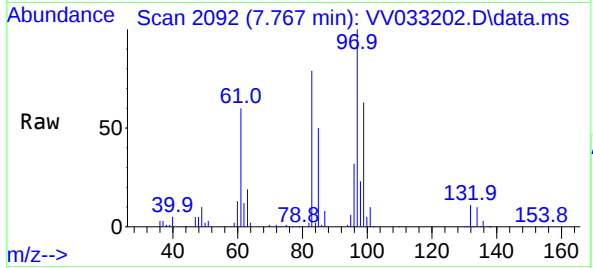


#45
1,1,2-Trichloroethane
Concen: 52.684 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 100782

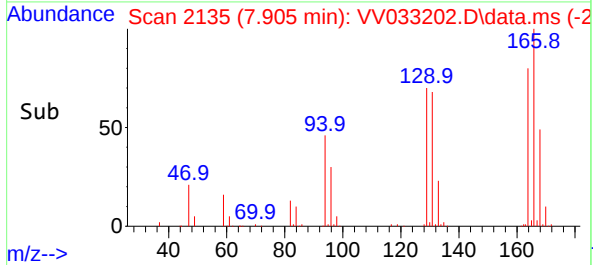
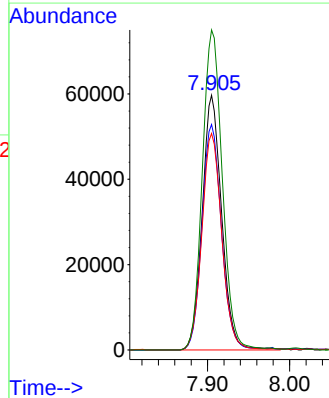
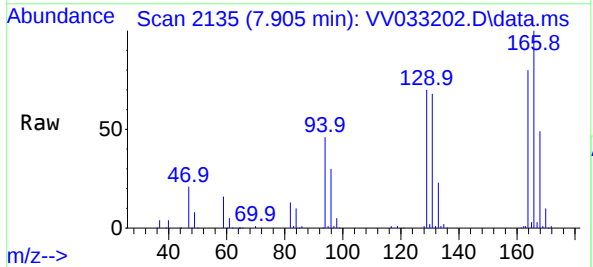
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.2	80.2
83	78.7	55.8	103.6
85	50.4	37.1	68.9

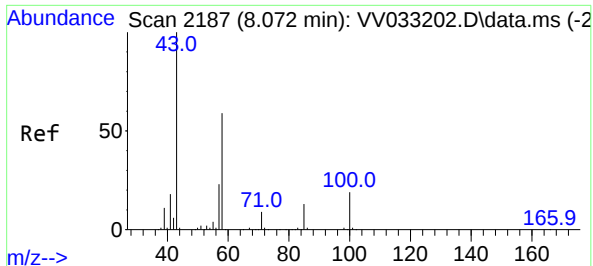


#46
Tetrachloroethene
Concen: 53.787 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 164 Resp: 98474

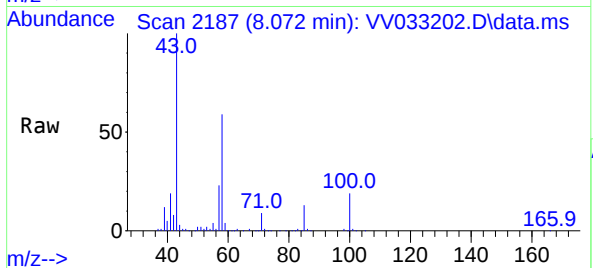
Ion	Ratio	Lower	Upper
164	100		
129	88.5	65.6	121.8
131	85.0	64.7	120.1
166	125.6	89.4	166.0



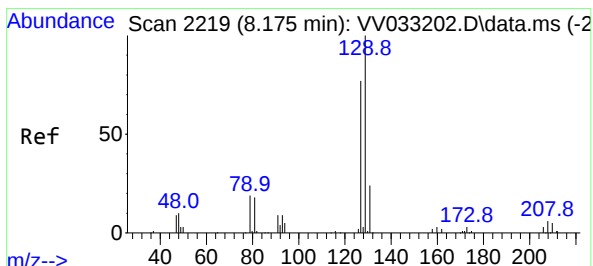
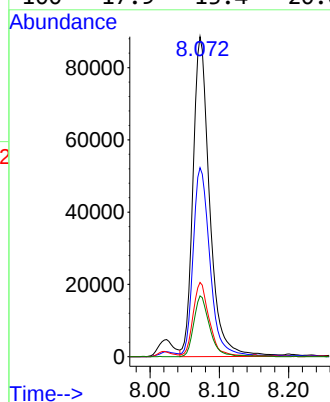
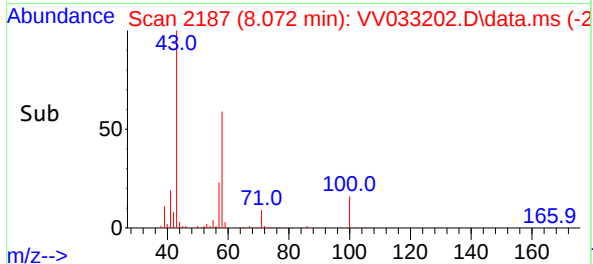


#48
2-Hexanone
Concen: 102.160 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :

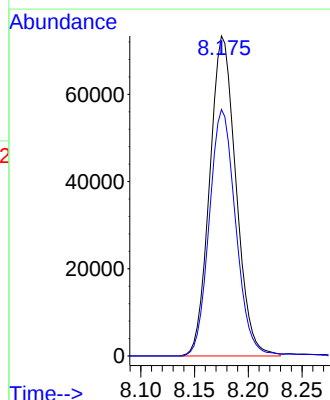
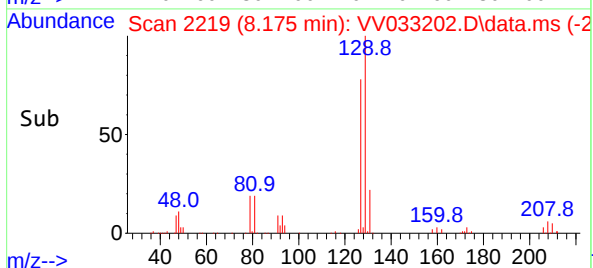
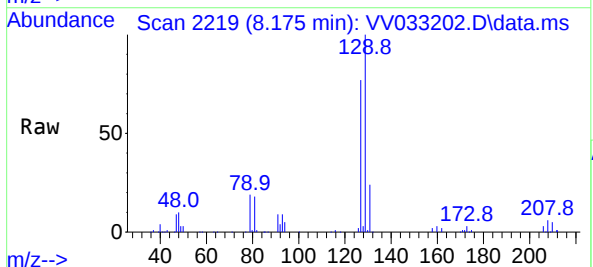


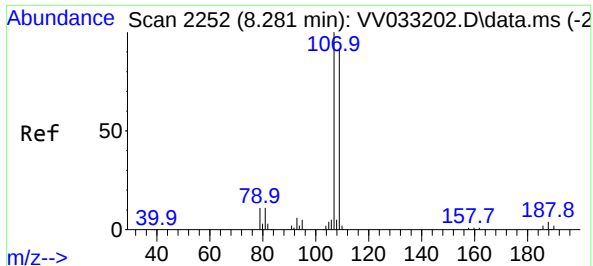
Tgt Ion: 43 Resp: 148373
Ion Ratio Lower Upper
43 100
58 59.2 47.9 71.9
57 22.7 17.4 26.0
100 17.9 13.4 20.0



#49
Dibromochloromethane
Concen: 54.784 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

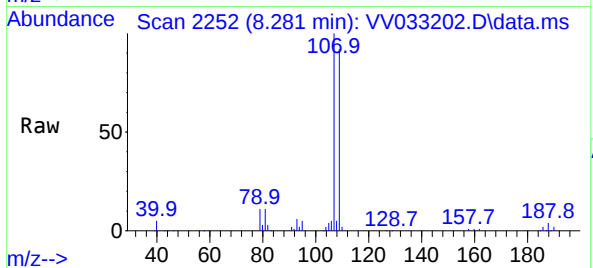
Tgt Ion: 129 Resp: 125104
Ion Ratio Lower Upper
129 100
127 77.0 54.1 100.5



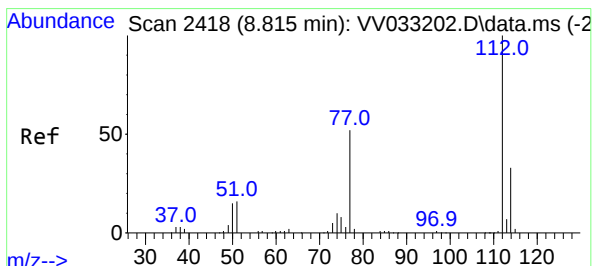
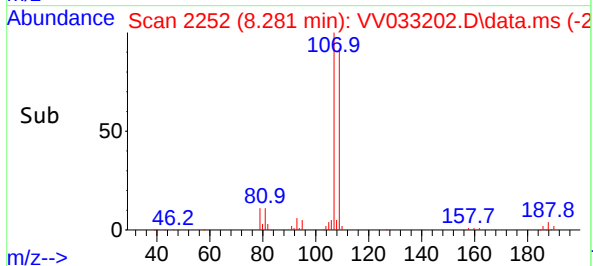
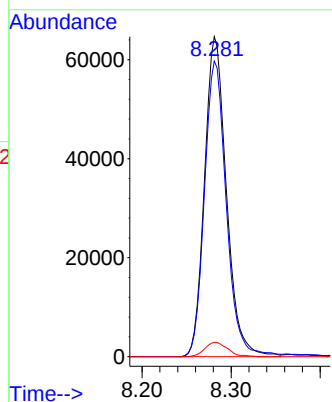


#50
1,2-Dibromoethane
Concen: 54.120 ug/L
RT: 8.281 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :

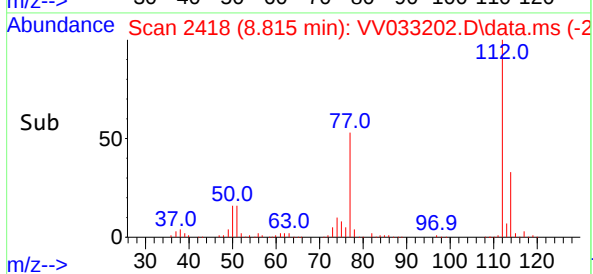
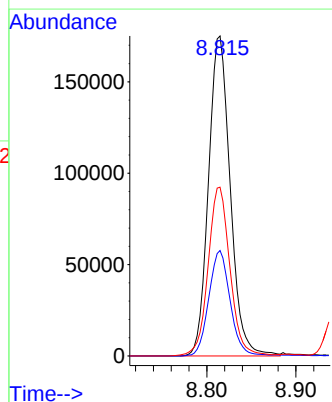
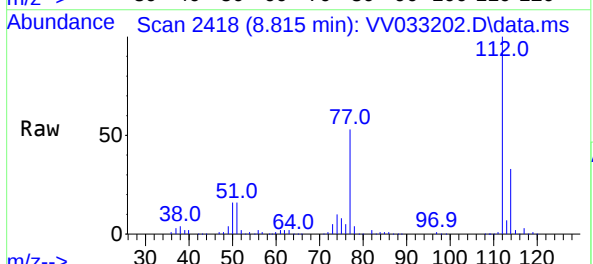


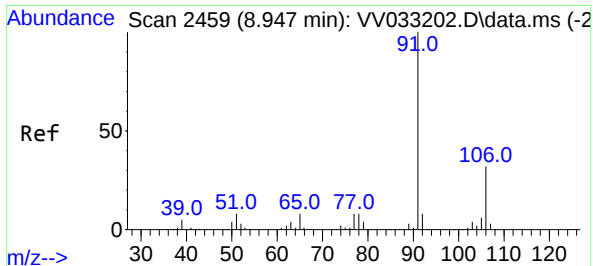
Tgt Ion:107 Resp: 110376
Ion Ratio Lower Upper
107 100
109 92.4 65.2 121.2
188 4.7 3.8 5.6



#51
Chlorobenzene
Concen: 52.493 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:112 Resp: 296536
Ion Ratio Lower Upper
112 100
114 32.9 22.9 42.5
77 52.8 42.6 64.0

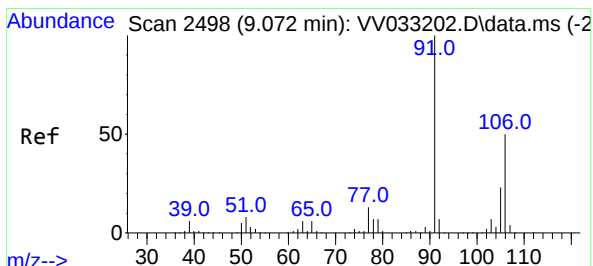
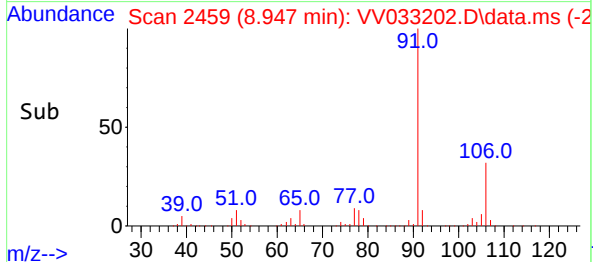
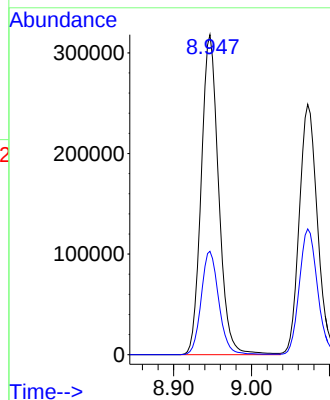
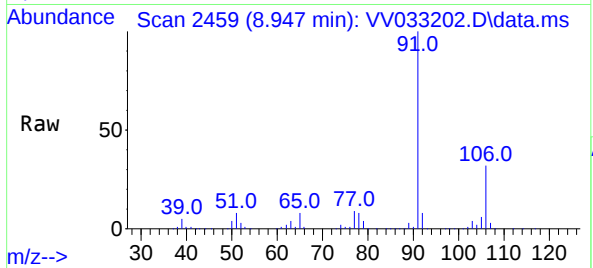




#52
Ethylbenzene
Concen: 53.405 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

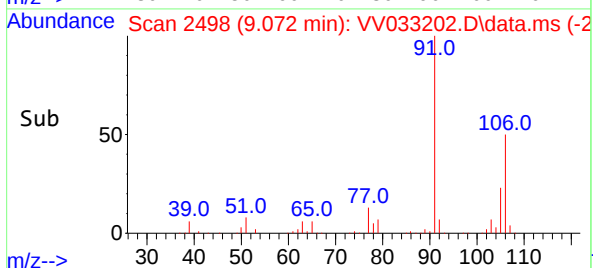
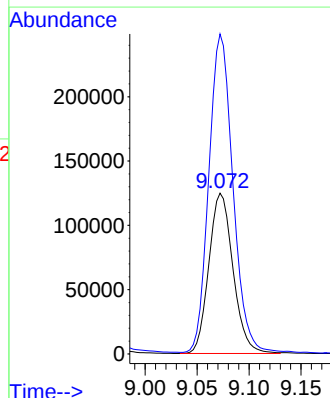
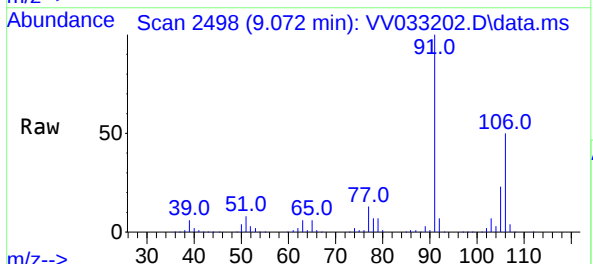
Instrument :
MSVOA_V
ClientSampleId :

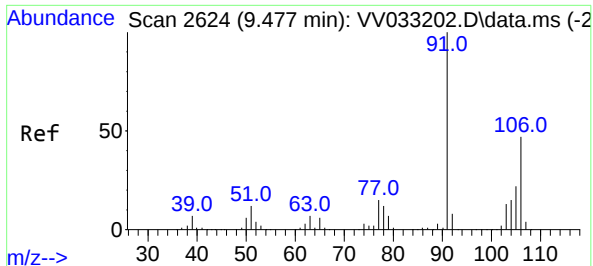
Tgt Ion: 91 Resp: 493810
Ion Ratio Lower Upper
91 100
106 32.3 22.6 42.0



#53
m,p-Xylene
Concen: 54.968 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 106 Resp: 201281
Ion Ratio Lower Upper
106 100
91 199.0 145.2 269.6

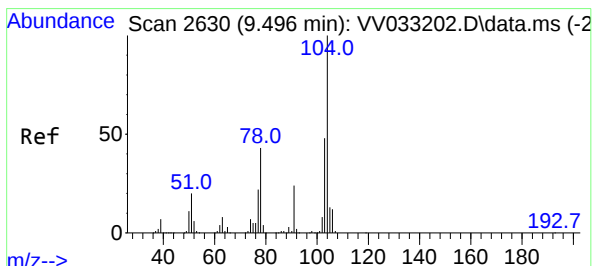
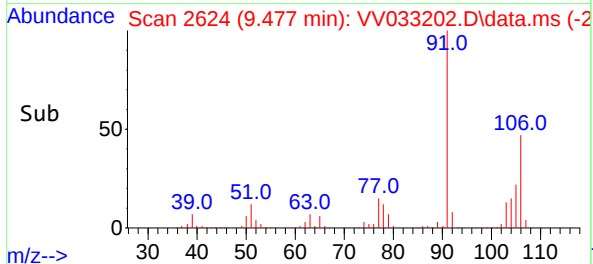
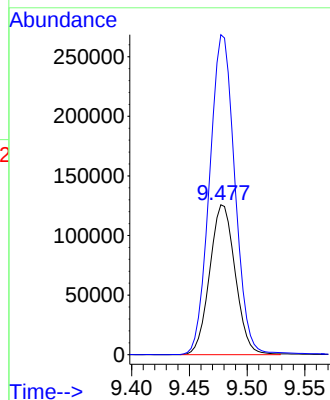
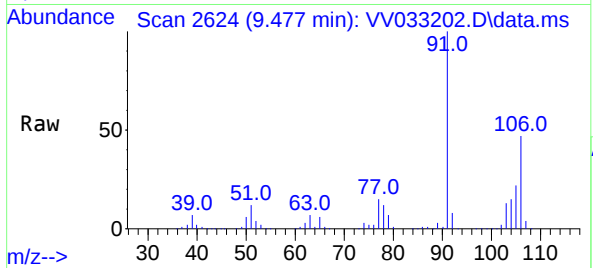




#54
o-Xylene
Concen: 53.563 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

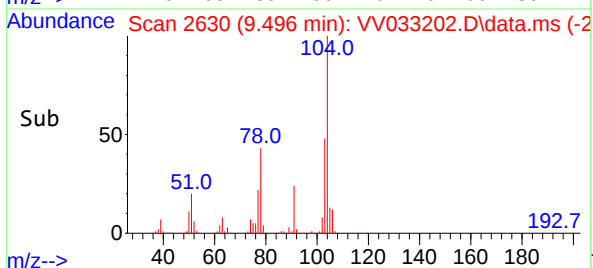
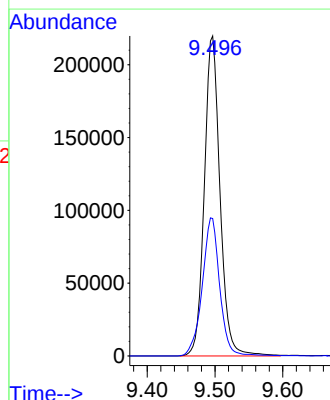
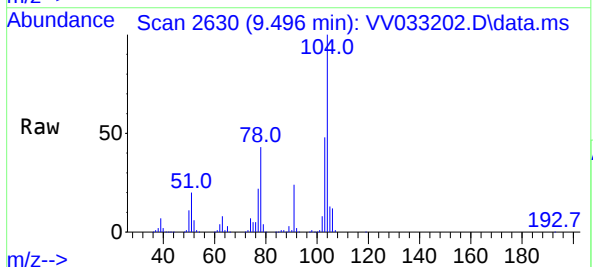
Instrument :
MSVOA_V
ClientSampleId :

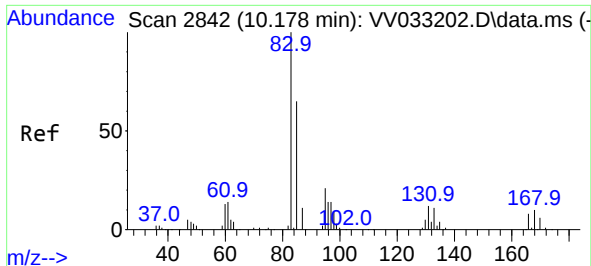
Tgt Ion:106 Resp: 193541
Ion Ratio Lower Upper
106 100
91 213.5 147.8 274.6



#55
Styrene
Concen: 56.607 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:104 Resp: 353836
Ion Ratio Lower Upper
104 100
78 43.0 30.2 56.0

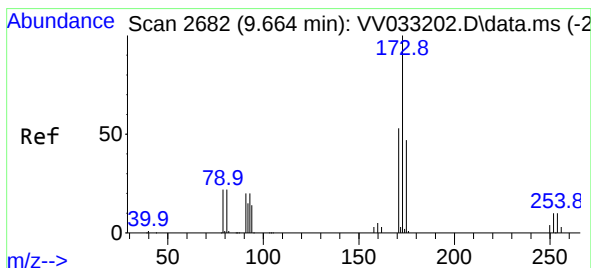
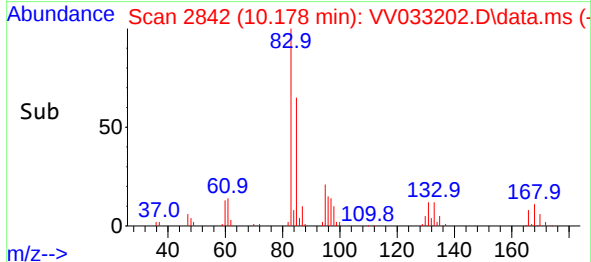
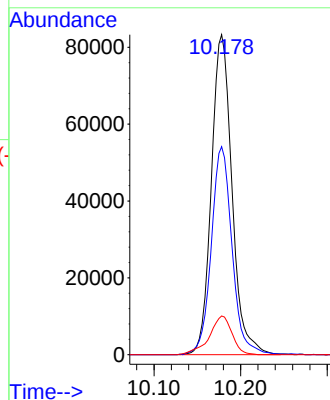
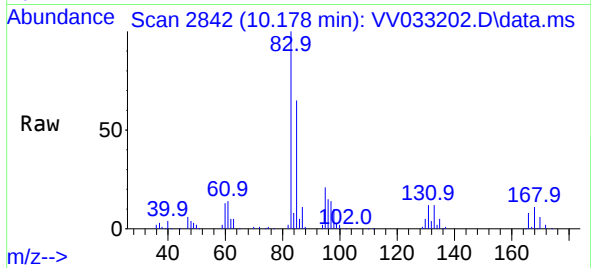




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.798 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033202.D
 Acq: 11 Dec 2023 10:42

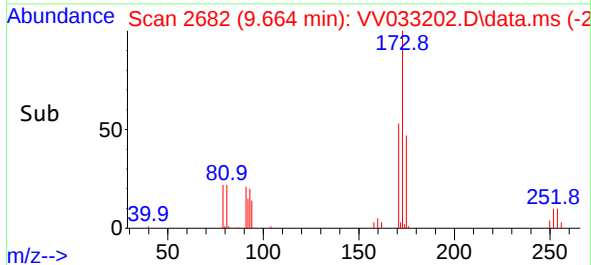
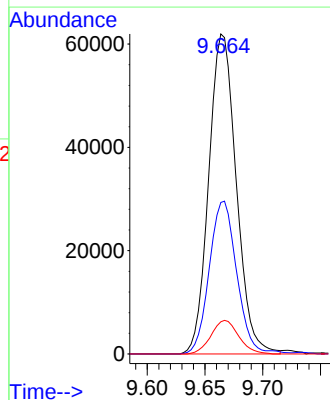
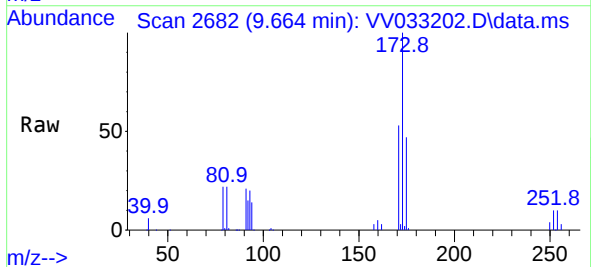
Instrument :
 MSVOA_V
 ClientSampleId :

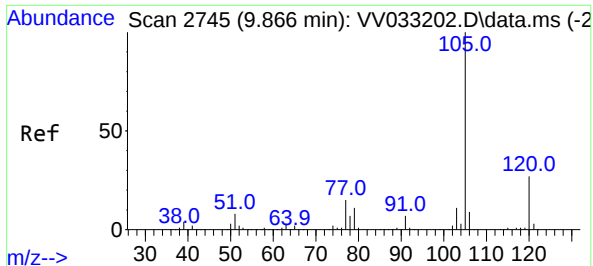
Tgt Ion: 83 Resp: 137991
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.5 84.5
 131 12.1 9.7 14.5



#59
 Bromoform
 Concen: 54.240 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033202.D
 Acq: 11 Dec 2023 10:42

Tgt Ion: 173 Resp: 102875
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.7 58.1
 254 10.6 8.0 12.0

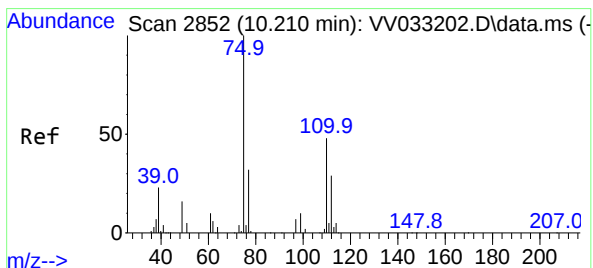
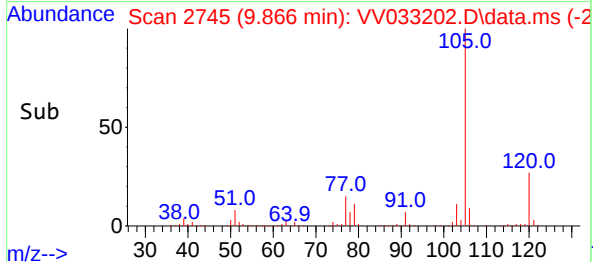
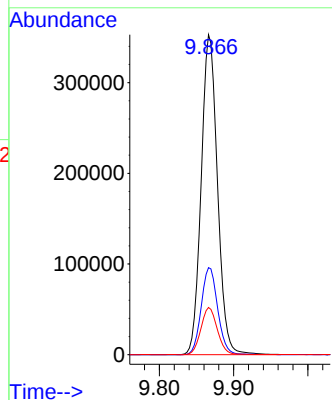
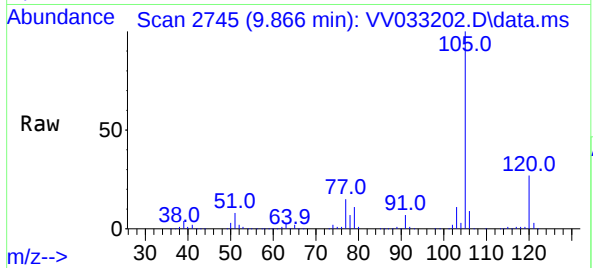




#60
Isopropylbenzene
Concen: 53.434 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

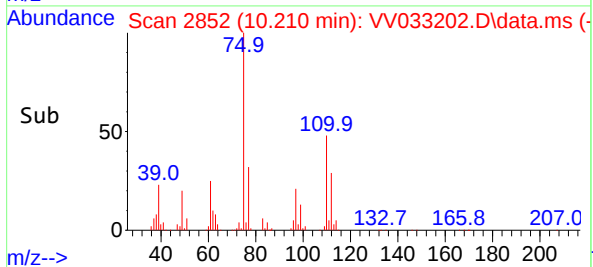
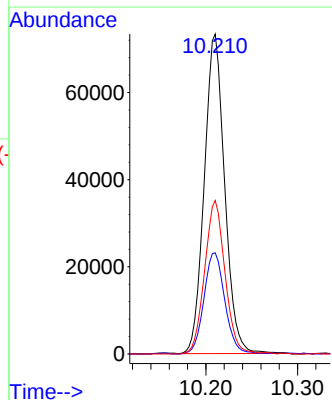
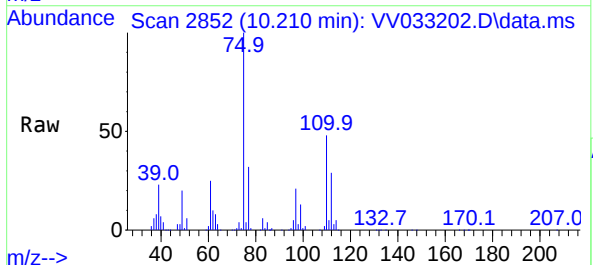
Instrument :
MSVOA_V
ClientSampleId :

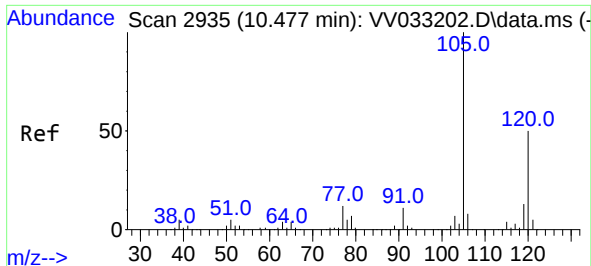
Tgt Ion:105 Resp: 538417
Ion Ratio Lower Upper
105 100
120 27.5 21.3 31.9
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 52.107 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion: 75 Resp: 113546
Ion Ratio Lower Upper
75 100
77 32.5 27.0 40.6
110 47.9 38.1 57.1

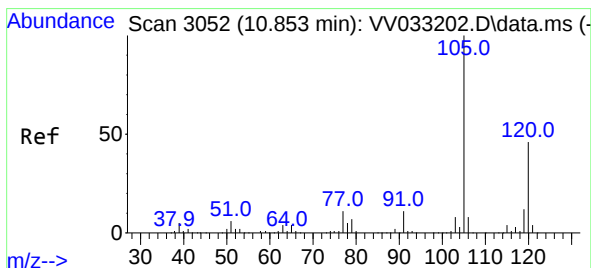
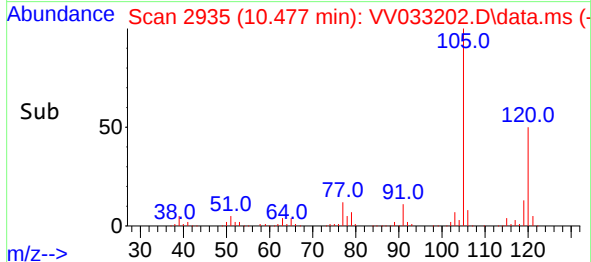
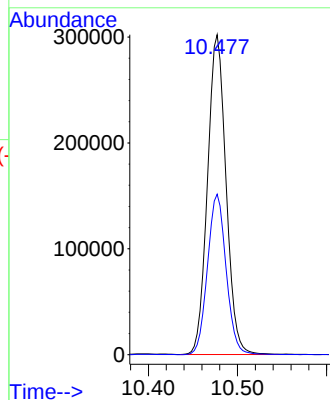
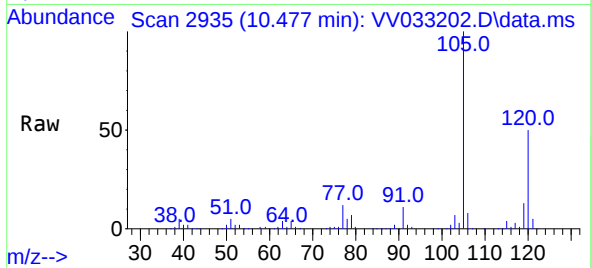




#62
1,3,5-Trimethylbenzene
Concen: 53.644 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

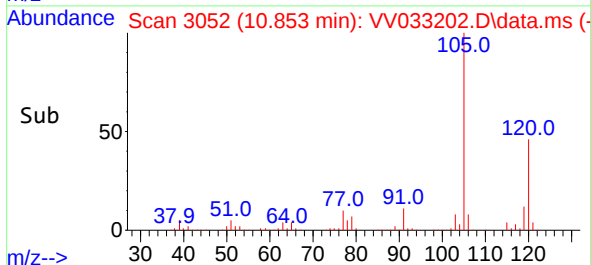
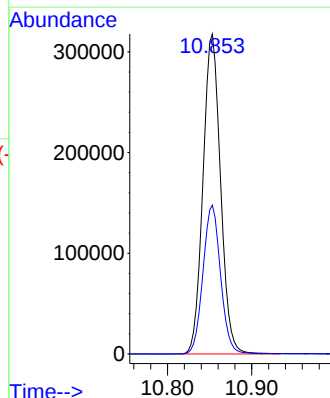
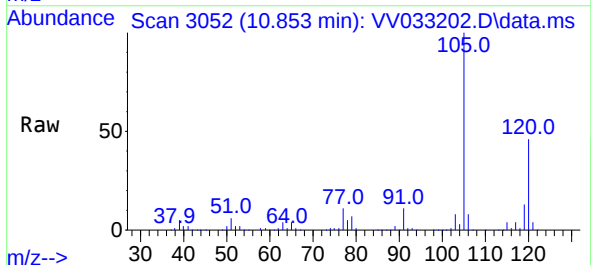
Instrument :
MSVOA_V
ClientSampleId :

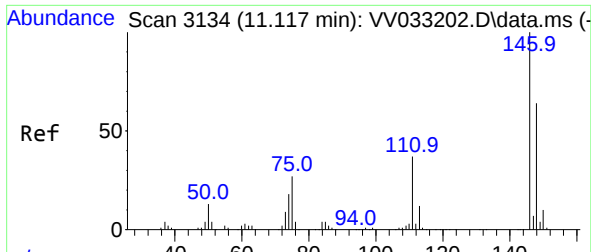
Tgt Ion:105 Resp: 435500
Ion Ratio Lower Upper
105 100
120 50.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 54.610 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:105 Resp: 461715
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 52.878 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

Instrument :

MSVOA_V

ClientSampleId :

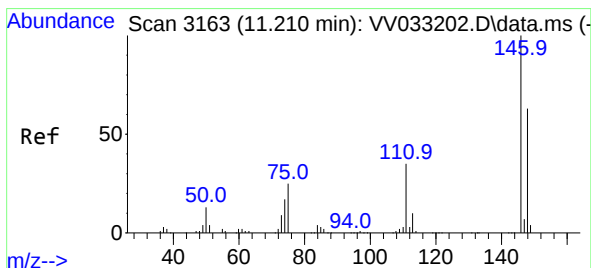
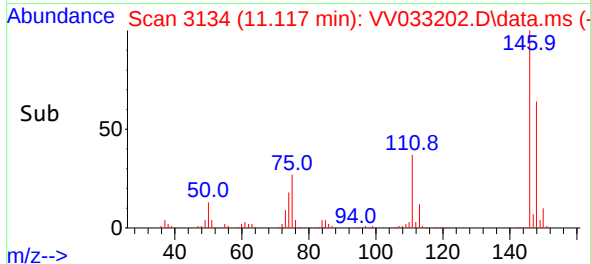
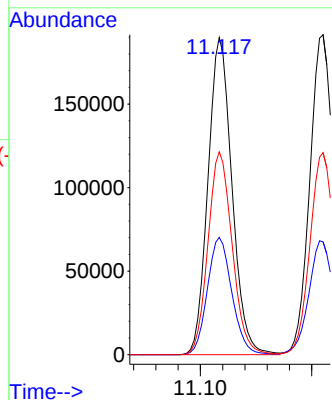
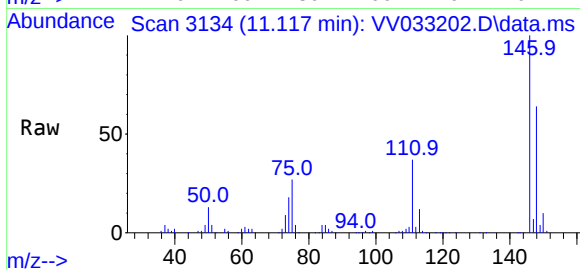
Tgt Ion:146 Resp: 284652

Ion Ratio Lower Upper

146 100

111 37.0 26.2 48.6

148 64.0 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 52.822 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

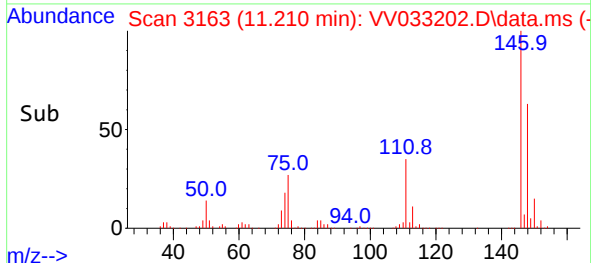
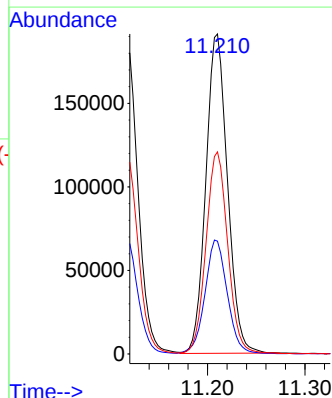
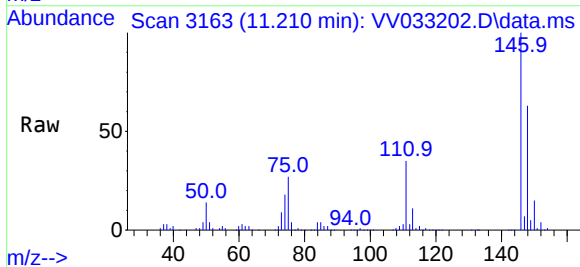
Tgt Ion:146 Resp: 295379

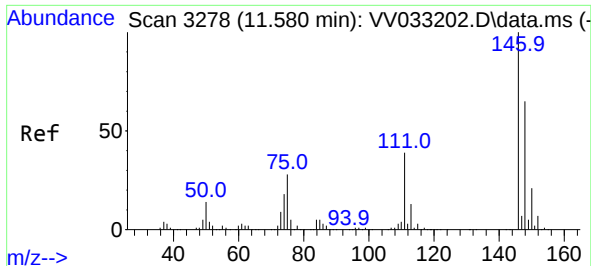
Ion Ratio Lower Upper

146 100

111 35.3 25.9 48.1

148 63.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 53.645 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

Instrument :

MSVOA_V

ClientSampleId :

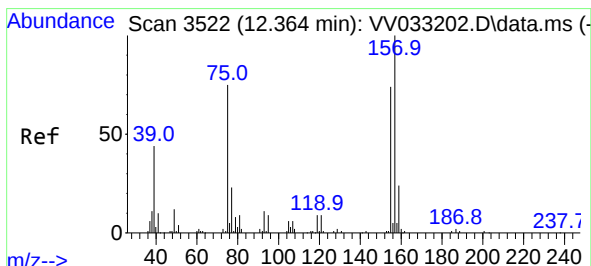
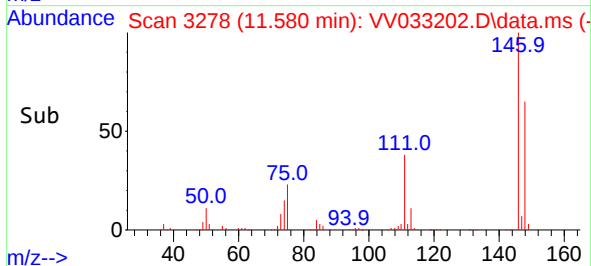
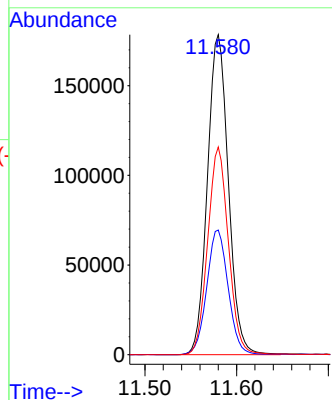
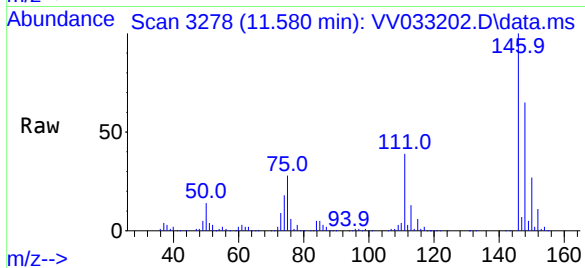
Tgt Ion:146 Resp: 283110

Ion Ratio Lower Upper

146 100

111 38.9 32.4 48.6

148 64.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.895 ug/L

RT: 12.364 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033202.D

Acq: 11 Dec 2023 10:42

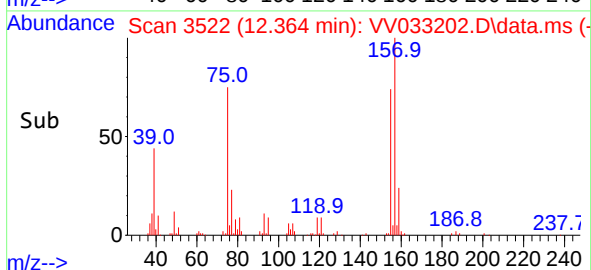
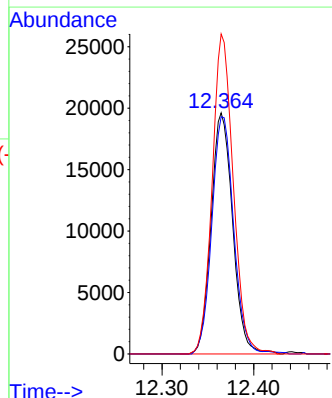
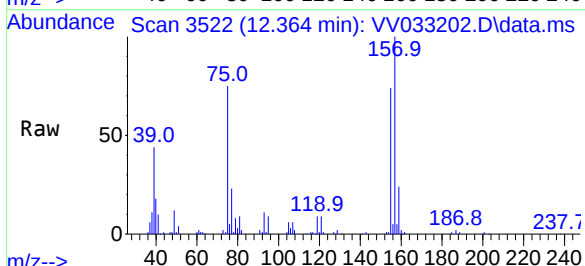
Tgt Ion: 75 Resp: 32024

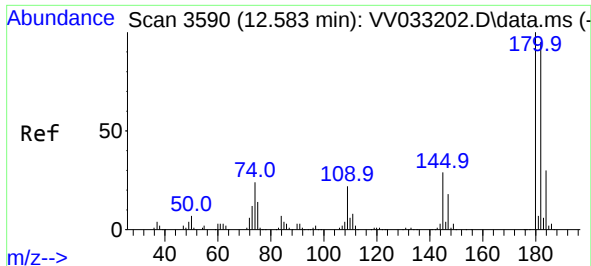
Ion Ratio Lower Upper

75 100

155 98.4 75.8 113.6

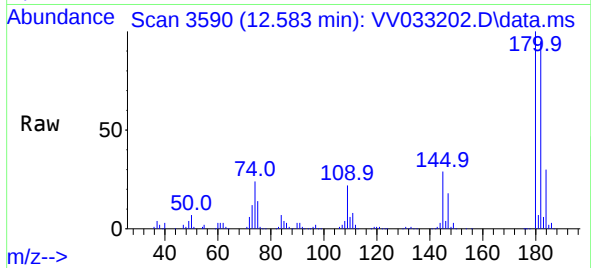
157 132.7 95.4 143.0





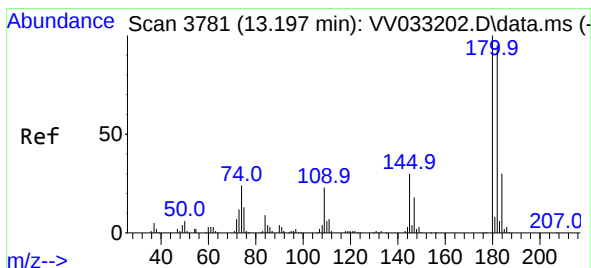
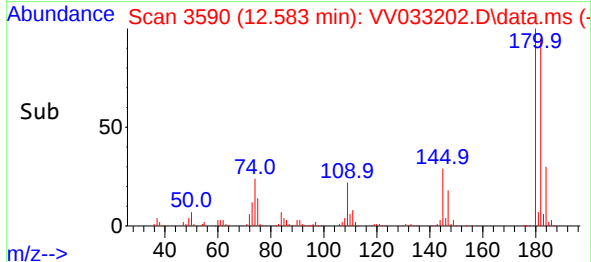
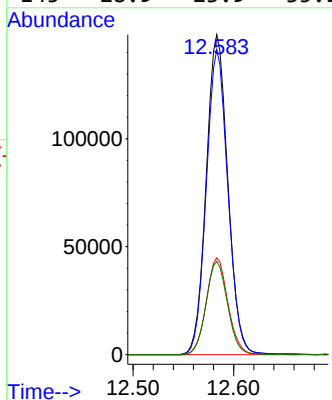
#69
1,3,5-Trichlorobenzene
Concen: 51.386 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 221578

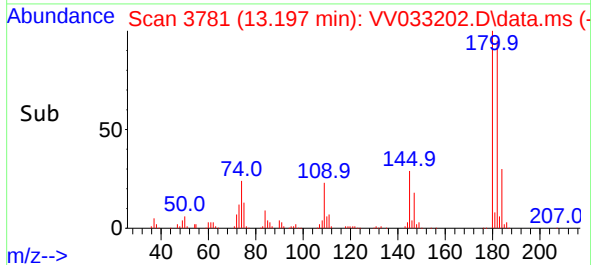
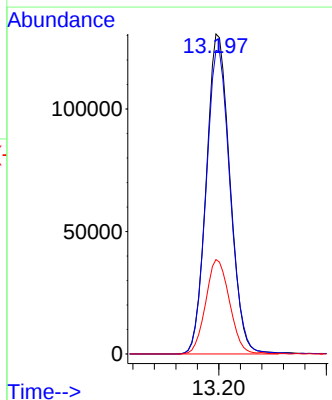
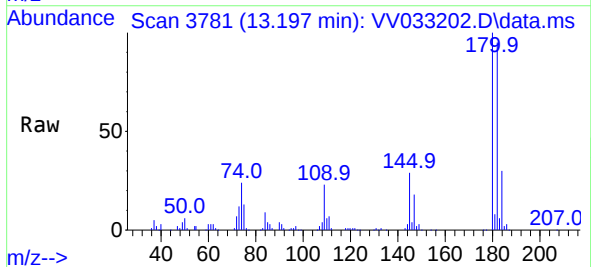
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
184	30.4	24.2	36.4
145	28.9	23.9	35.9

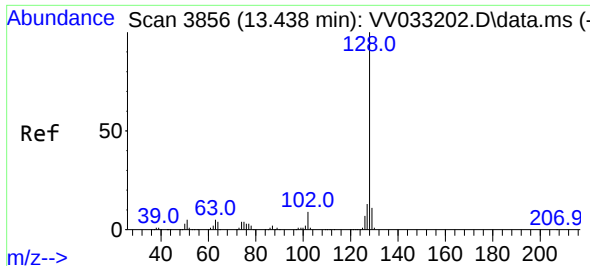


#70
1,2,4-trichlorobenzene
Concen: 50.161 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:180 Resp: 199833

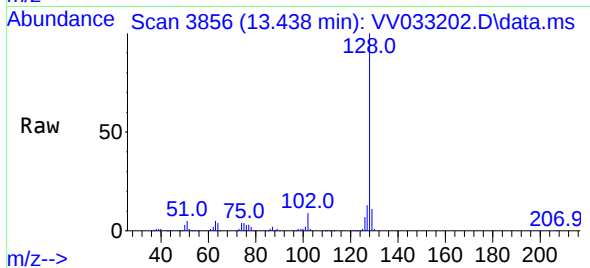
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
145	29.6	23.4	35.0



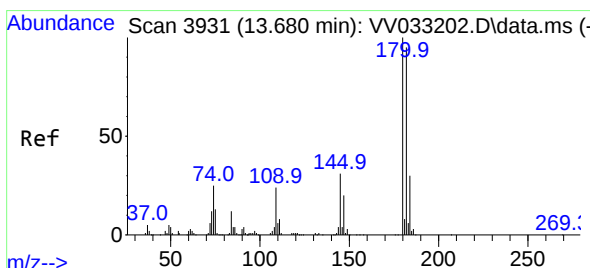
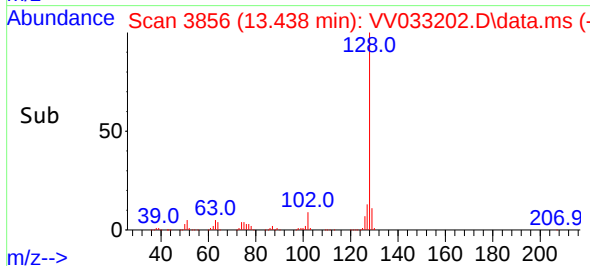
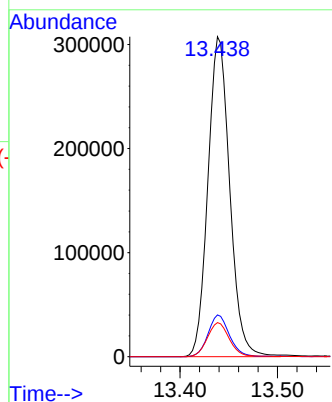


#71
Naphthalene
Concen: 49.118 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 477202
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.669 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033202.D
Acq: 11 Dec 2023 10:42

Tgt Ion:180 Resp: 206307
Ion Ratio Lower Upper
180 100
182 95.7 75.2 112.8
145 30.6 24.9 37.3

