

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038320.D
 Acq On : 24 Nov 2024 00:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 00:53:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	253459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	136460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	69870	3.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.529	69	66169	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.053	65	31347	3.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.789	46	205358	55.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	4.240	84	172150	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.937	65	80048	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.953	84	293593	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.982	67	93614	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.236	98	275032	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.551	79	36756	4.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.018	63	154687	53.099	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89574	5.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	105321	4.530	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	102062	4.504	ug/L	100
3) Chloromethane	1.214	50	102239	5.240	ug/L	99
5) Vinyl chloride	1.281	62	106933	4.837	ug/L	97
6) Bromomethane	1.484	94	62606	7.262	ug/L	97
8) Chloroethane	1.545	64	70746	5.022	ug/L	100
9) Trichlorofluoromethane	1.709	101	138378	4.398	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	81298	4.528	ug/L	96
12) 1,1-Dichloroethene	2.063	96	76072	4.447	ug/L	92
13) Acetone	2.121	43	138756	51.090	ug/L	99
14) Carbon disulfide	2.236	76	228637	4.149	ug/L	99
15) Methyl Acetate	2.378	43	33460	5.073	ug/L	94
16) Methylene chloride	2.442	84	93595	4.798	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	189292	4.894	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	79907	4.434	ug/L	95
19) 1,1-Dichloroethane	3.105	63	164284	5.022	ug/L	99
21) 2-Butanone	3.870	43	202018	51.827	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	88898	4.771	ug/L	99
23) Bromochloromethane	4.143	128	45533	5.005	ug/L	98
25) Chloroform	4.265	83	172989	4.943	ug/L	99

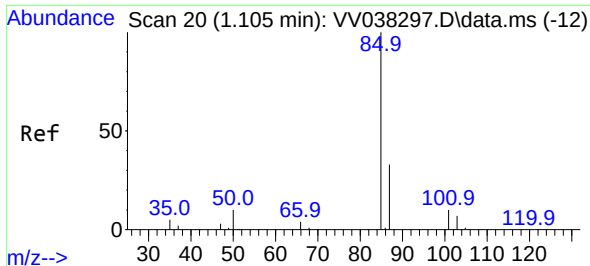
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	102354	5.376	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	143385	4.717	ug/L	98
30) Cyclohexane	4.574	56	109767	4.354	ug/L	97
31) Carbon tetrachloride	4.725	117	125345	4.674	ug/L	99
33) Benzene	5.002	78	348279	4.892	ug/L	100
34) Trichloroethene	5.828	95	92790	4.781	ug/L	96
35) Methylcyclohexane	6.040	83	117134	4.266	ug/L	99
37) 1,2-Dichloropropane	6.085	63	90999	5.103	ug/L	99
38) Bromodichloromethane	6.426	83	118719	4.953	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	123556	4.963	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	503454	53.940	ug/L	100
42) Toluene	7.307	91	372013	4.934	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	106276	5.054	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	74752	5.169	ug/L	98
47) Tetrachloroethene	7.899	164	71873	4.609	ug/L	98
48) 2-Hexanone	8.069	43	383455	56.654	ug/L	98
49) Dibromochloromethane	8.169	129	81373	5.161	ug/L	96
50) 1,2-Dibromoethane	8.278	107	69729	5.201	ug/L	95
51) Chlorobenzene	8.809	112	248561	4.785	ug/L	99
52) Ethylbenzene	8.940	91	372983	4.663	ug/L	99
53) m,p-Xylene	9.066	106	144857	4.799	ug/L	98
54) o-Xylene	9.471	106	139471	4.746	ug/L	93
55) Styrene	9.490	104	256516	4.952	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	88871	5.255	ug/L	98
59) Bromoform	9.657	173	42447	5.345	ug/L	99
60) Isopropylbenzene	9.860	105	370707	4.717	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	62014	5.308	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	278339	4.463	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	288298	4.636	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	200423	4.749	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	203833	4.778	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	190860	4.886	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	12906	4.921	ug/L	85
69) 1,3,5-Trichlorobenzene	12.574	180	134951	4.514	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	111184	4.499	ug/L	98
71) Naphthalene	13.432	128	164271	4.273	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	105042	4.600	ug/L	99

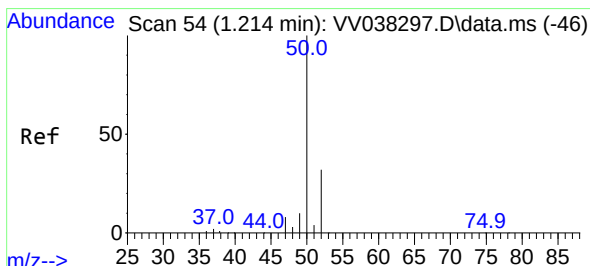
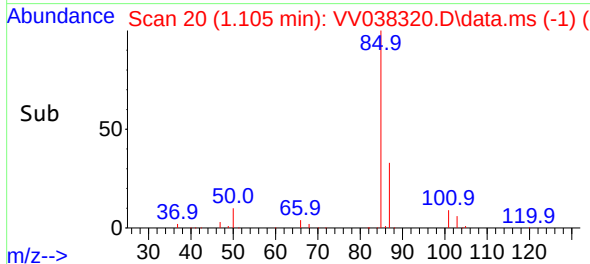
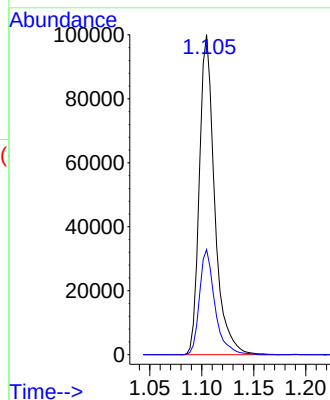
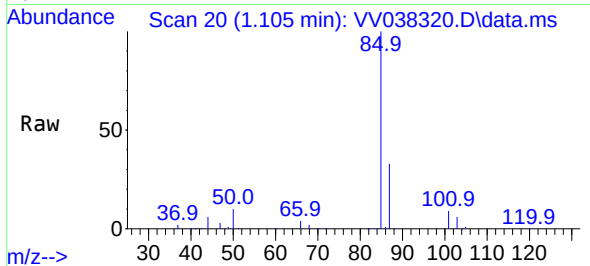
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#2
Dichlorodifluoromethane
Concen: 4.504 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

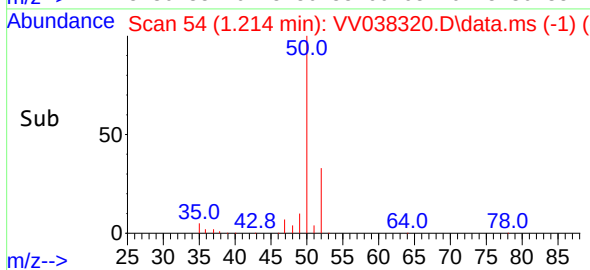
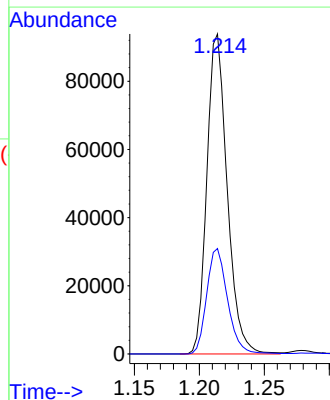
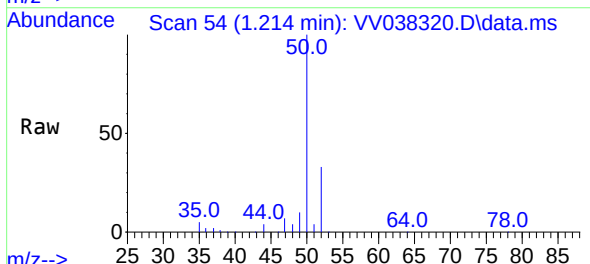
Instrument :
MSVOA_V
ClientSampleId :

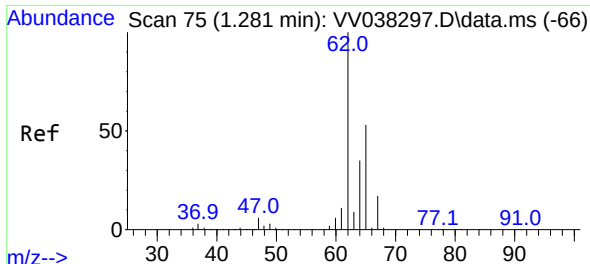
Tgt Ion: 85 Resp: 102062
Ion Ratio Lower Upper
85 100
87 33.2 26.5 39.7



#3
Chloromethane
Concen: 5.240 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 50 Resp: 102239
Ion Ratio Lower Upper
50 100
52 32.9 23.5 43.7

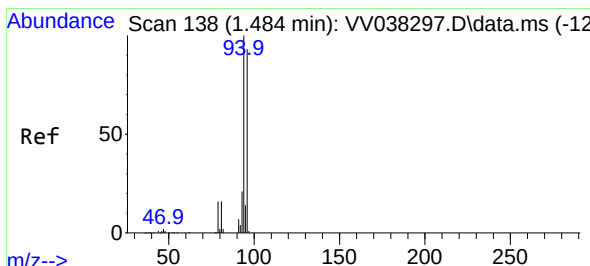
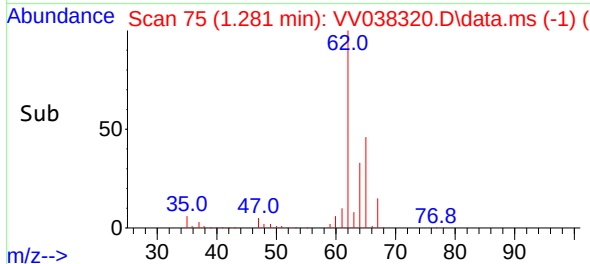
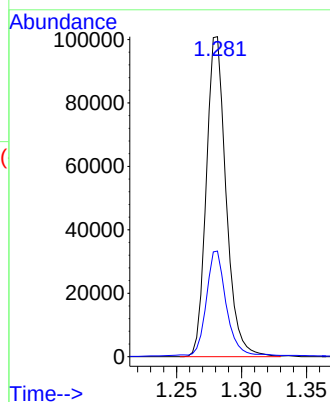
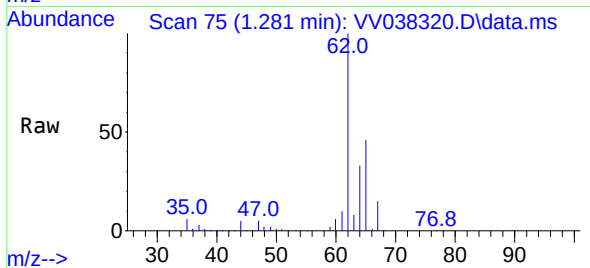




#5
 Vinyl chloride
 Concen: 4.837 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038320.D
 Acq: 24 Nov 2024 00:26

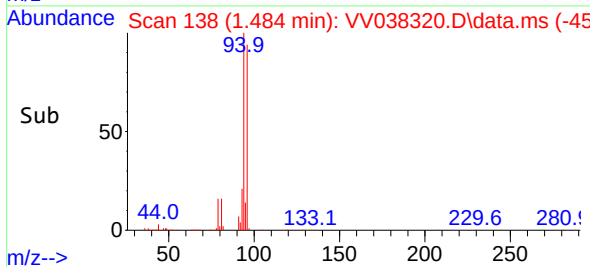
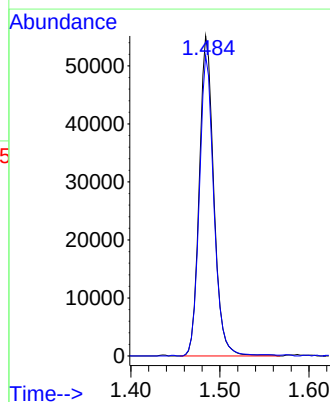
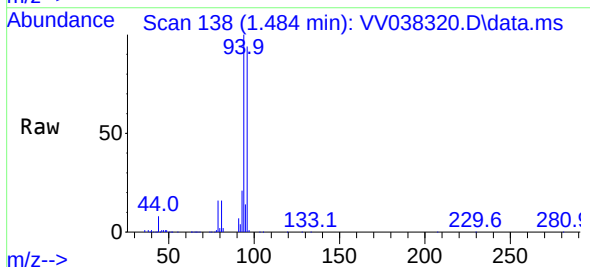
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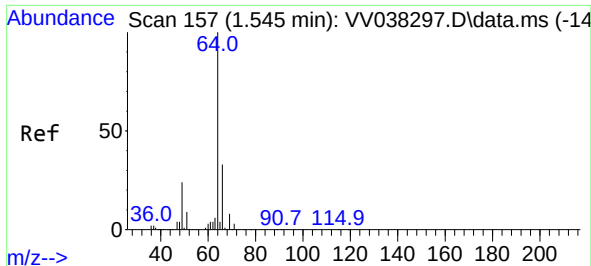
Tgt Ion: 62 Resp: 106933
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.4 45.4



#6
 Bromomethane
 Concen: 7.262 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038320.D
 Acq: 24 Nov 2024 00:26

Tgt Ion: 94 Resp: 62606
 Ion Ratio Lower Upper
 94 100
 96 93.8 63.7 118.3

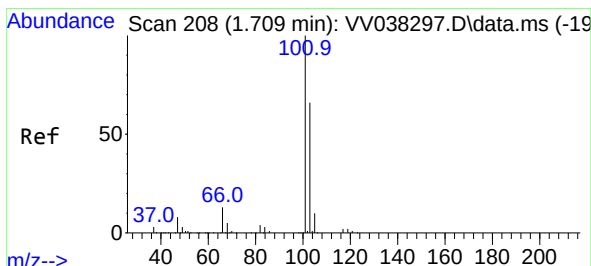
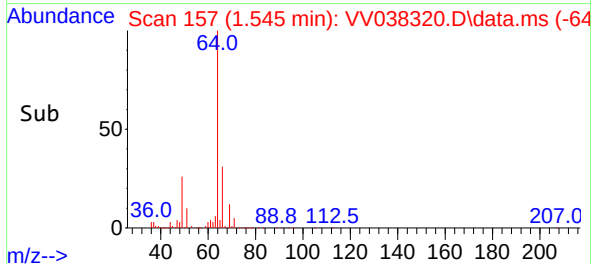
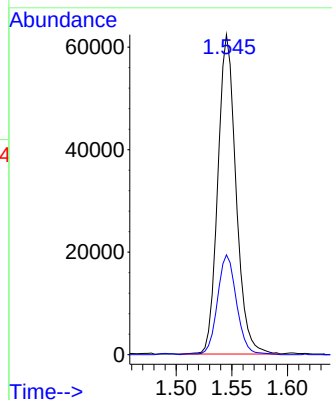
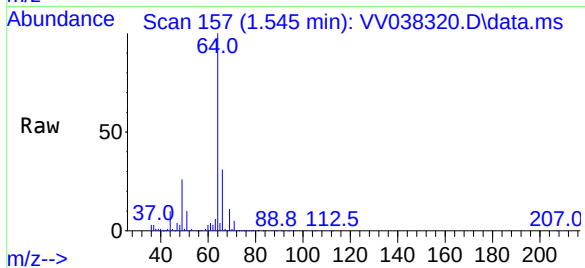




#8
Chloroethane
Concen: 5.022 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

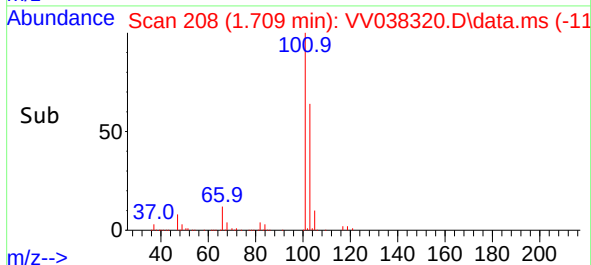
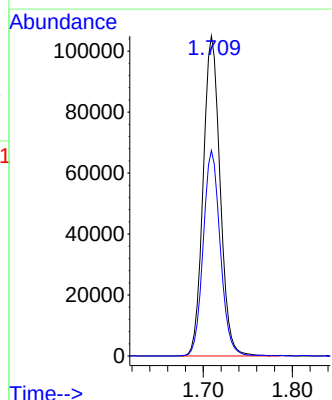
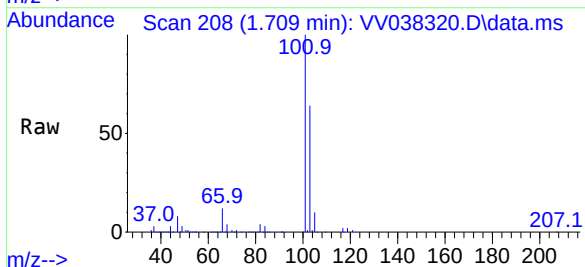
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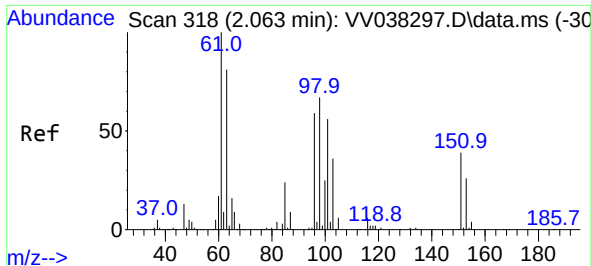
Tgt Ion: 64 Resp: 70746
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.398 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion:101 Resp: 138378
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

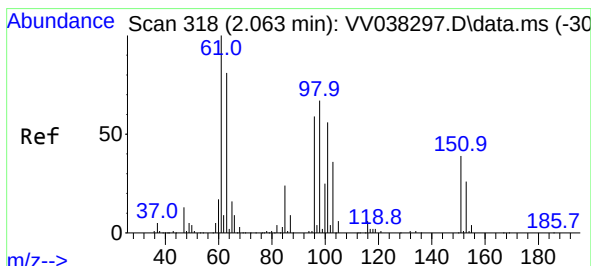
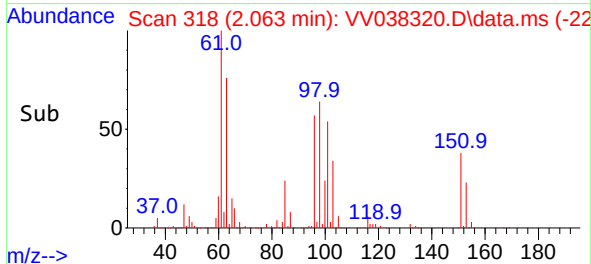
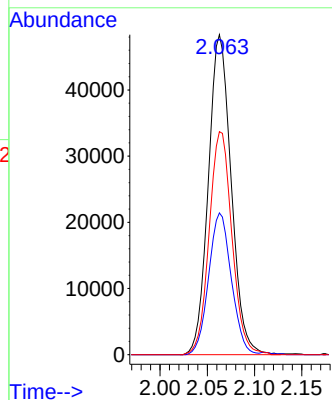
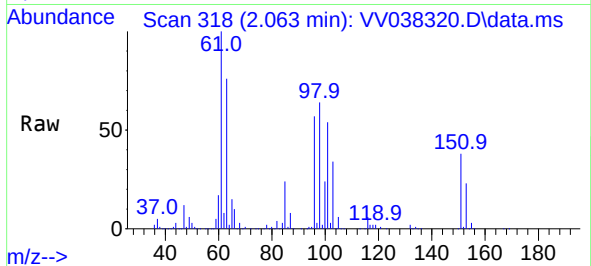




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.528 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

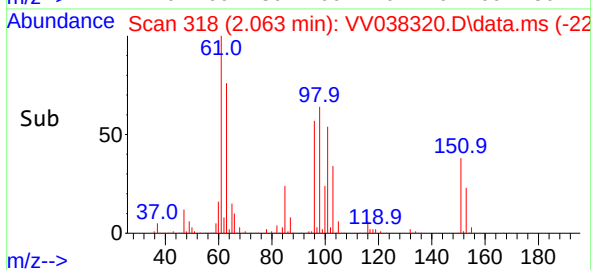
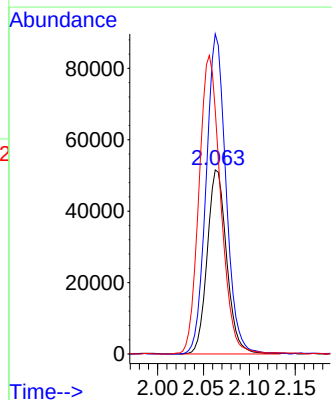
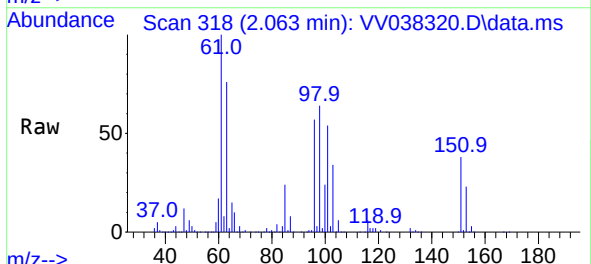
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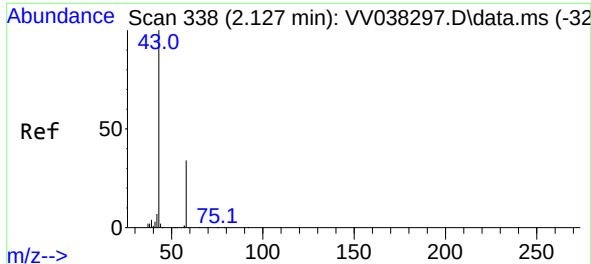
Tgt Ion:101 Resp: 81298
Ion Ratio Lower Upper
101 100
85 43.9 33.4 50.0
151 69.5 58.8 88.2



#12
1,1-Dichloroethene
Concen: 4.447 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 96 Resp: 76072
Ion Ratio Lower Upper
96 100
61 174.0 115.7 214.9
63 132.6 101.1 187.7





#13

Acetone

Concen: 51.090 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

Instrument :

MSVOA_V

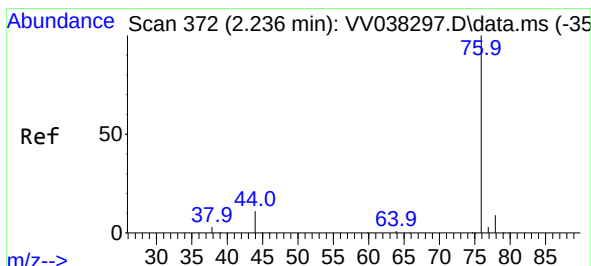
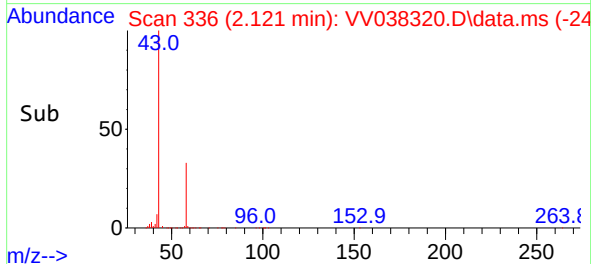
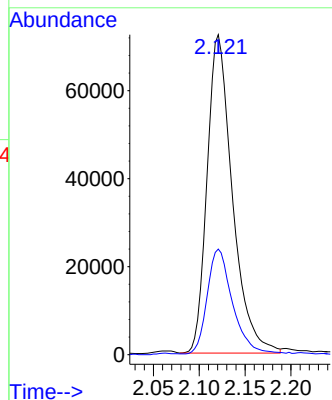
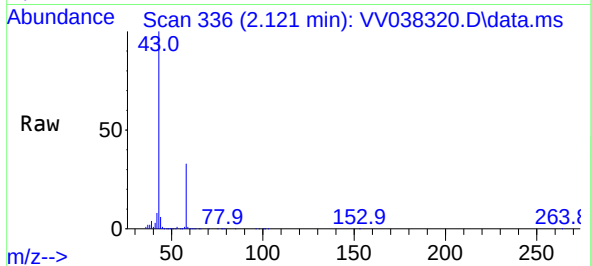
ClientSampleId :

Tgt Ion: 43 Resp: 138756

Ion Ratio Lower Upper

43 100

58 32.9 0.0 67.2



#14

Carbon disulfide

Concen: 4.149 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038320.D

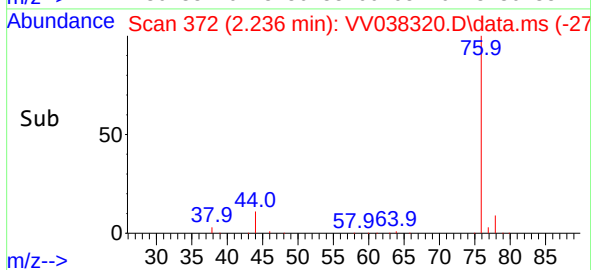
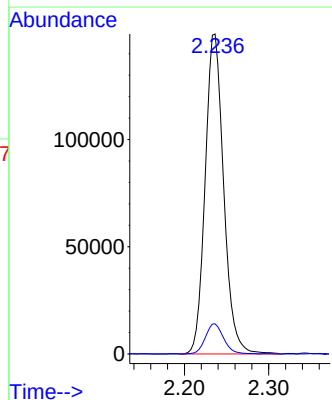
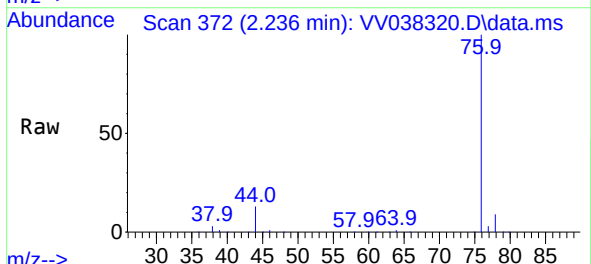
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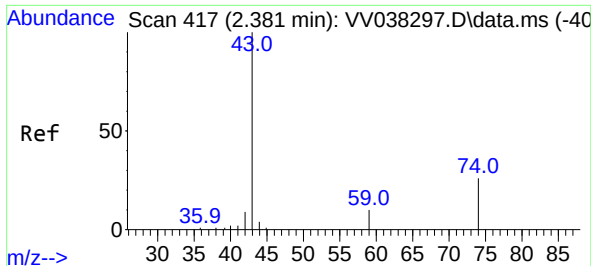
Tgt Ion: 76 Resp: 228637

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

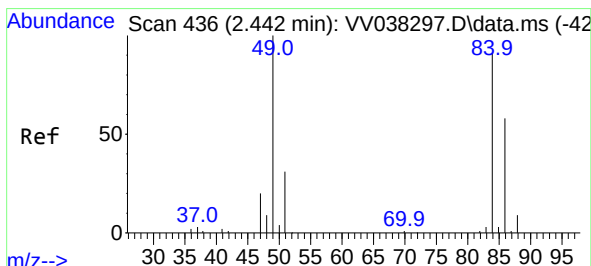
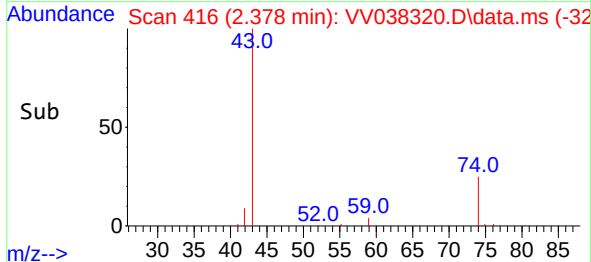
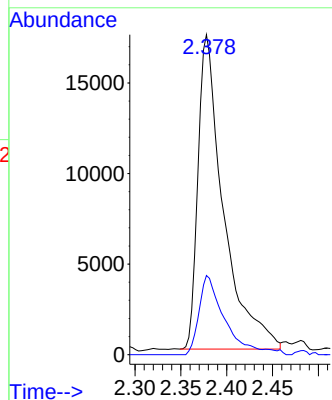
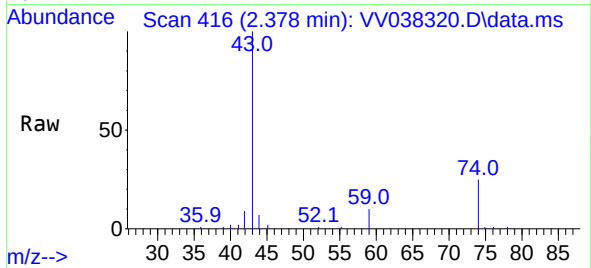




#15
Methyl Acetate
Concen: 5.073 ug/L
RT: 2.378 min Scan# 417
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

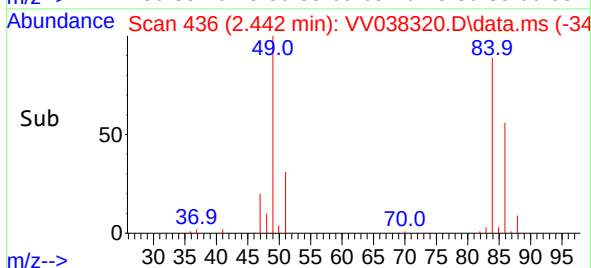
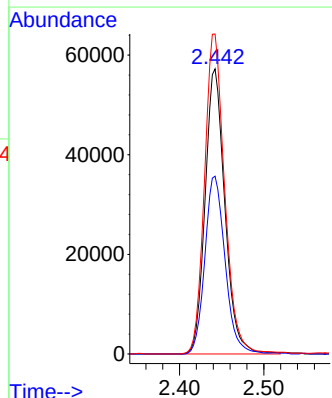
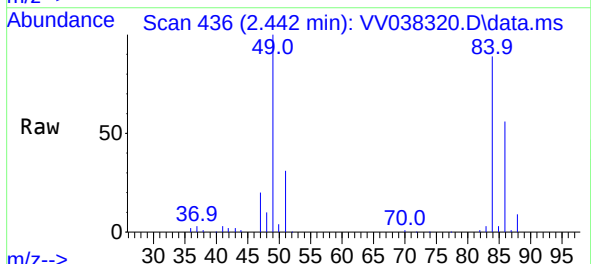
Instrument :
MSVOA_V
ClientSampleId :

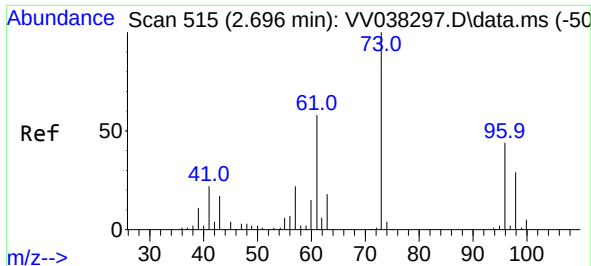
Tgt Ion: 43 Resp: 33460
Ion Ratio Lower Upper
43 100
74 24.6 22.4 33.6



#16
Methylene chloride
Concen: 4.798 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 84 Resp: 93595
Ion Ratio Lower Upper
84 100
86 62.3 44.2 82.2
49 112.2 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 4.894 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

Instrument :

MSVOA_V

ClientSampleId :

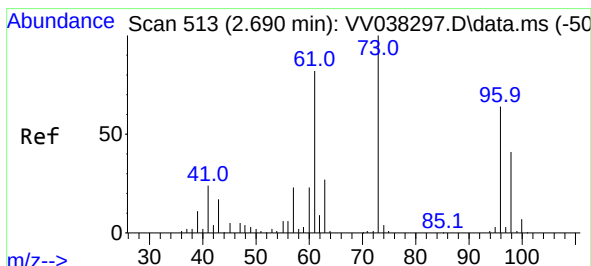
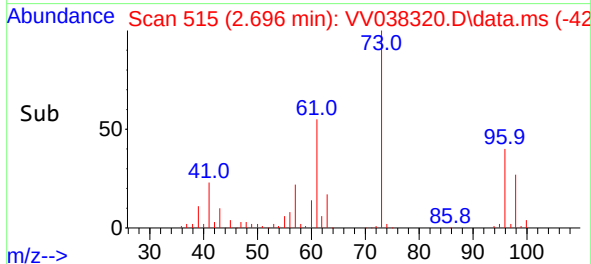
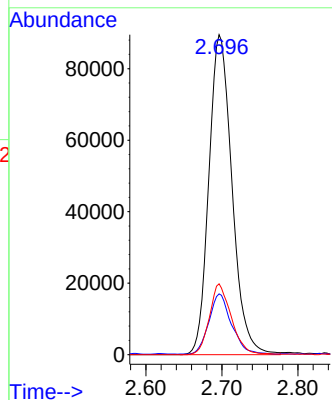
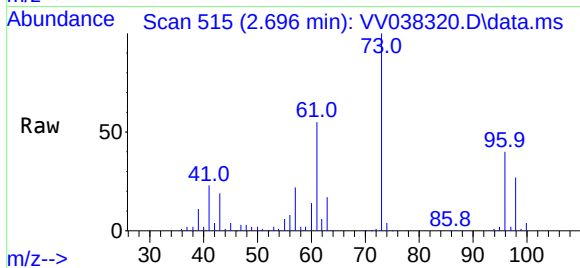
Tgt Ion: 73 Resp: 189292

Ion Ratio Lower Upper

73 100

43 18.3 14.2 21.2

57 21.0 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 4.434 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

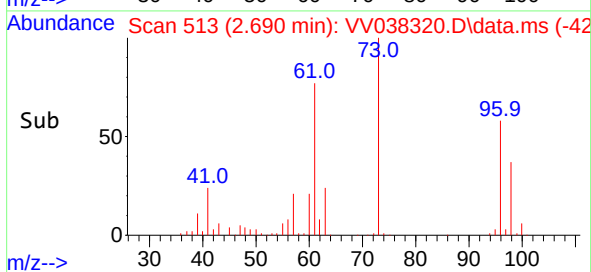
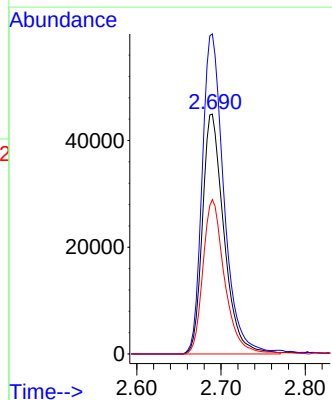
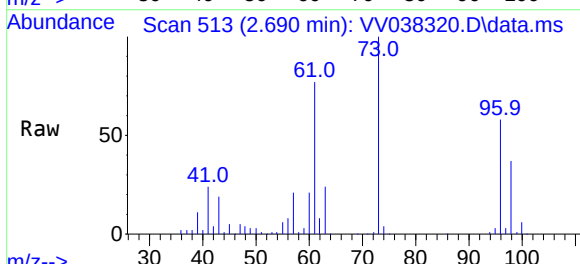
Tgt Ion: 96 Resp: 79907

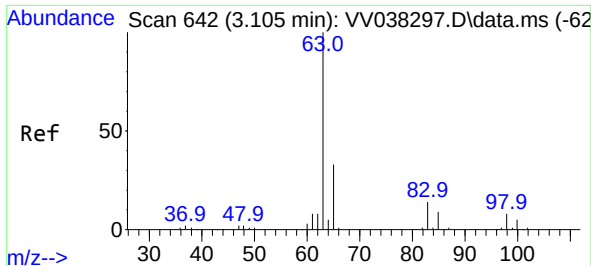
Ion Ratio Lower Upper

96 100

61 133.5 88.5 164.4

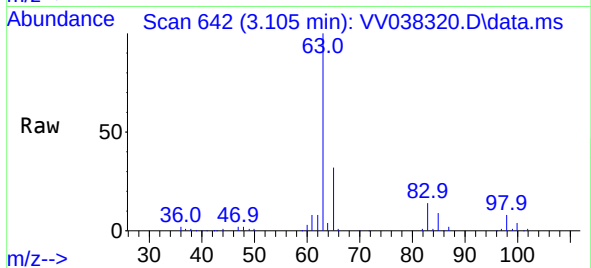
98 64.4 43.9 81.5



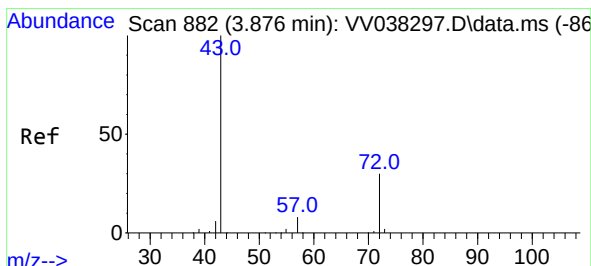
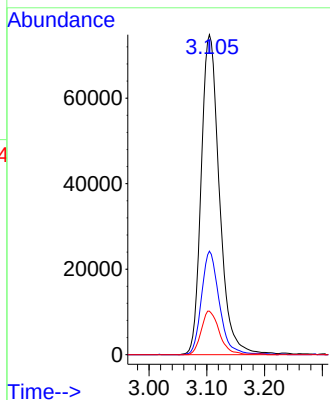
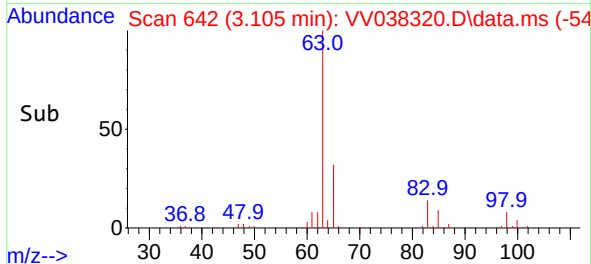


#19
1,1-Dichloroethane
Concen: 5.022 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Instrument :
MSVOA_V
ClientSampleId :

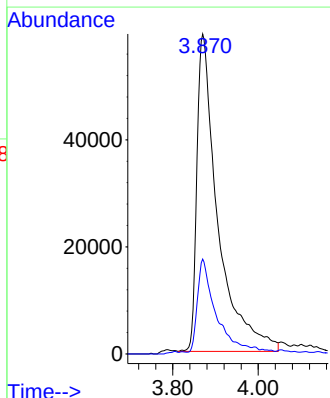
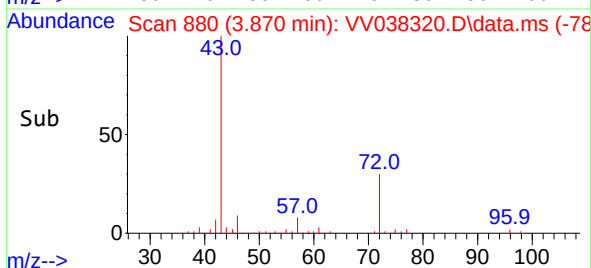
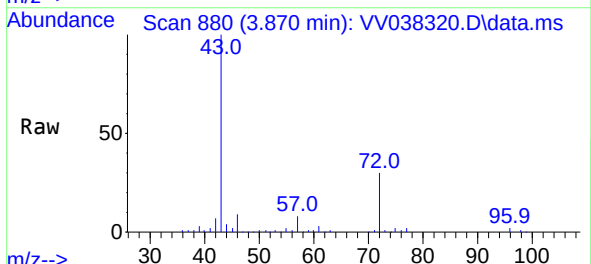


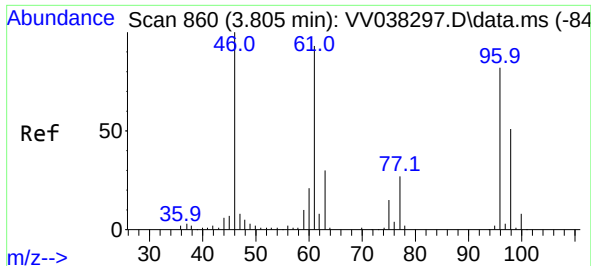
Tgt Ion: 63 Resp: 164284
Ion Ratio Lower Upper
63 100
65 32.3 22.5 41.7
83 13.6 10.1 18.9



#21
2-Butanone
Concen: 51.827 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

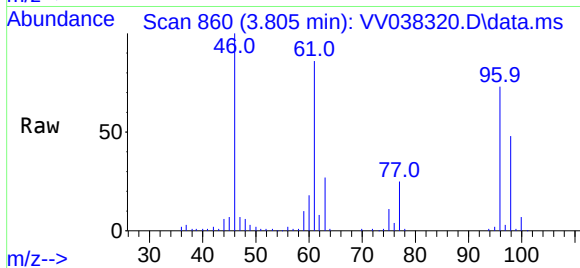
Tgt Ion: 43 Resp: 202018
Ion Ratio Lower Upper
43 100
72 25.1 13.0 39.0





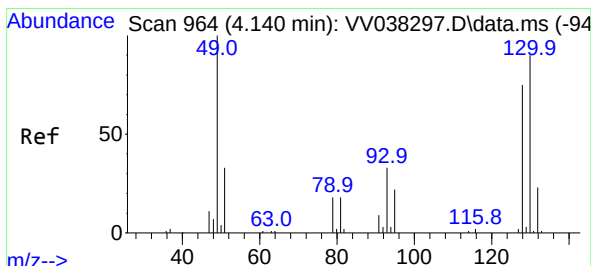
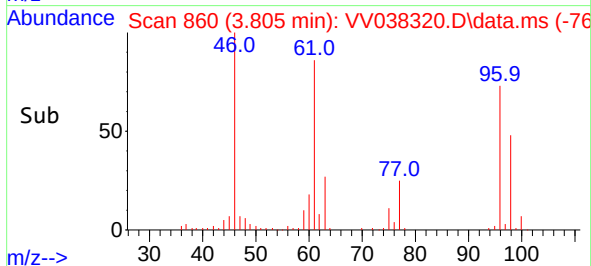
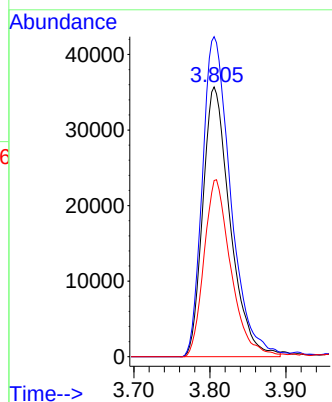
#22
 cis-1,2-Dichloroethene
 Concen: 4.771 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038320.D
 Acq: 24 Nov 2024 00:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 88898

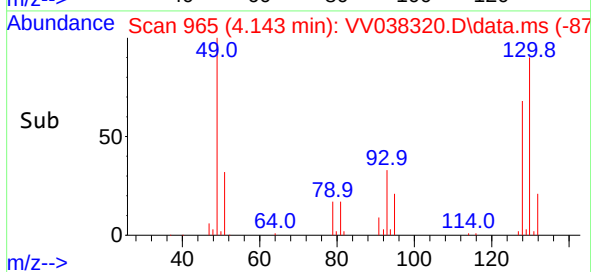
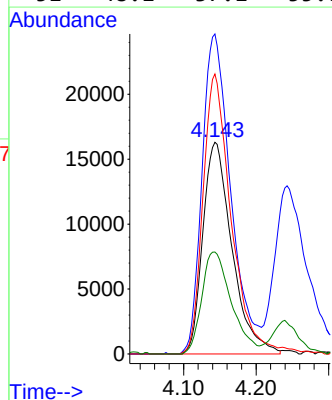
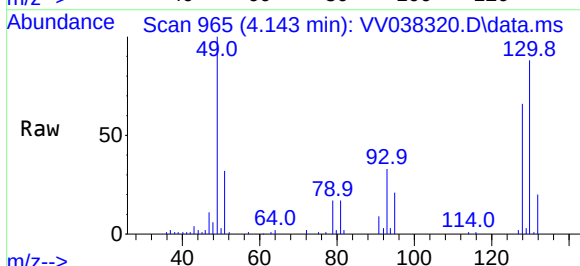
Ion	Ratio	Lower	Upper
96	100		
61	118.6	82.7	153.5
98	65.3	46.3	85.9

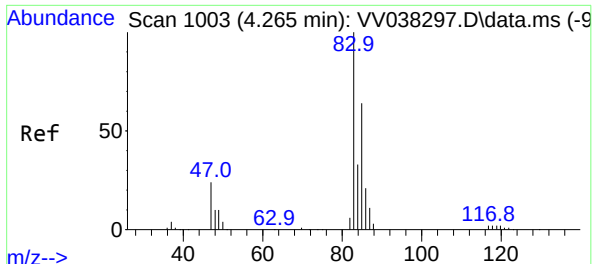


#23
 Bromochloromethane
 Concen: 5.005 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038320.D
 Acq: 24 Nov 2024 00:26

Tgt Ion: 128 Resp: 45533

Ion	Ratio	Lower	Upper
128	100		
49	151.2	102.8	190.8
130	132.3	93.6	173.8
51	48.1	37.1	55.7

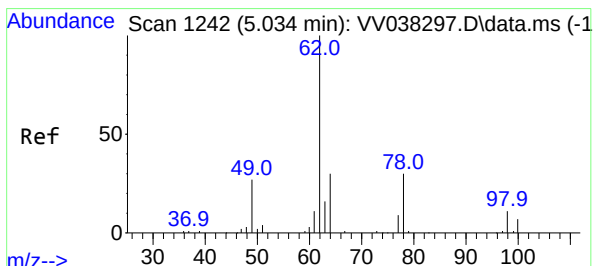
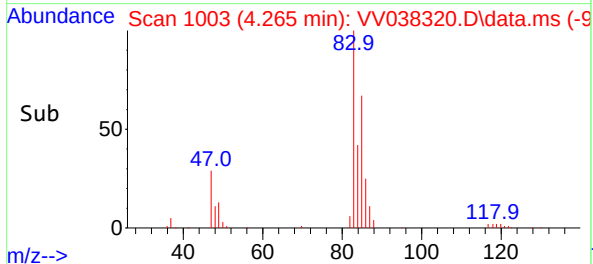
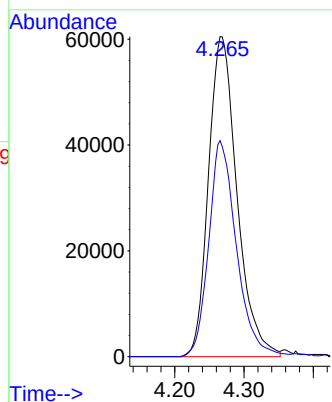
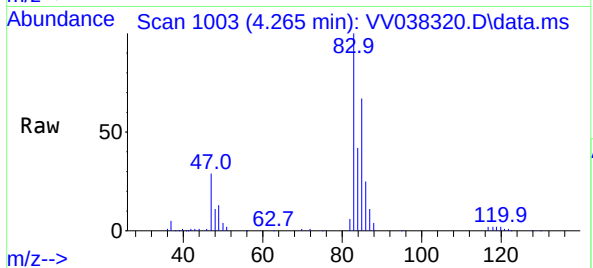




#25
Chloroform
Concen: 4.943 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

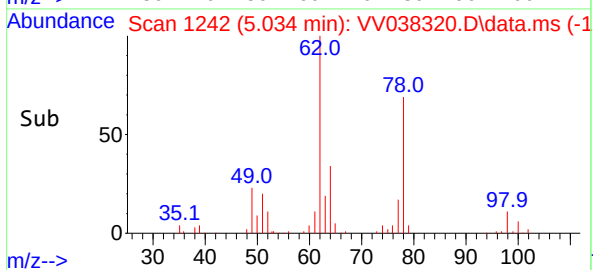
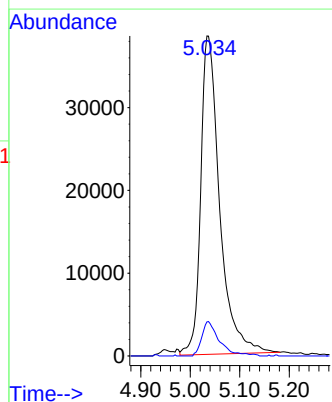
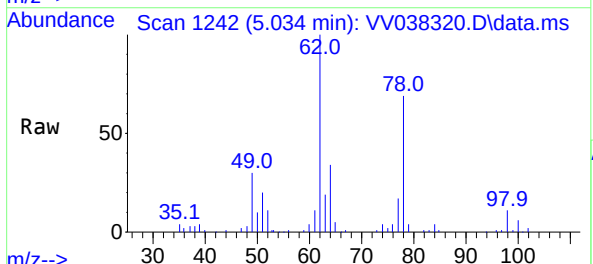
Instrument :
MSVOA_V
ClientSampleId :

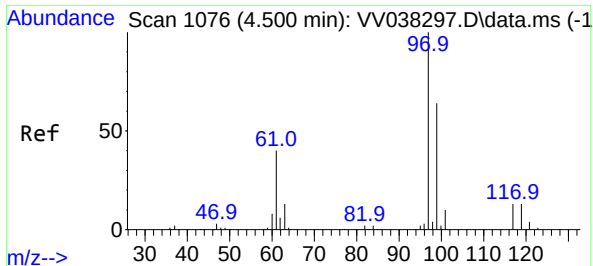
Tgt Ion: 83 Resp: 172989
Ion Ratio Lower Upper
83 100
85 67.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 5.376 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 62 Resp: 102354
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4

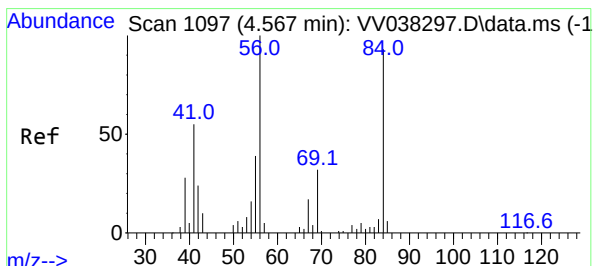
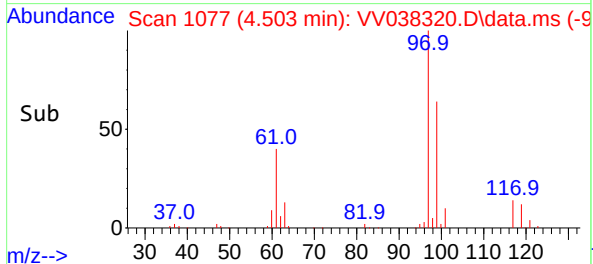
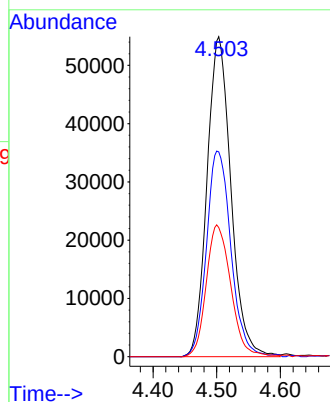
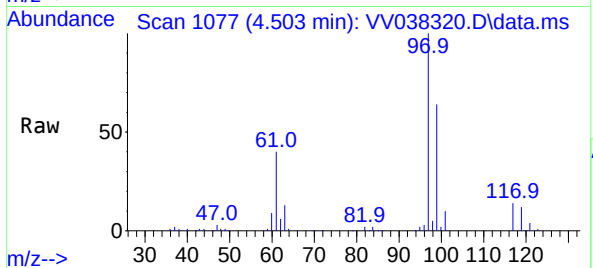




#29
1,1,1-Trichloroethane
Concen: 4.717 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

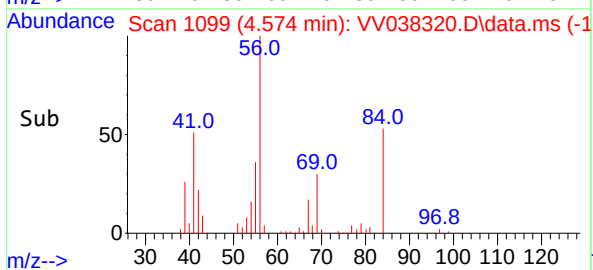
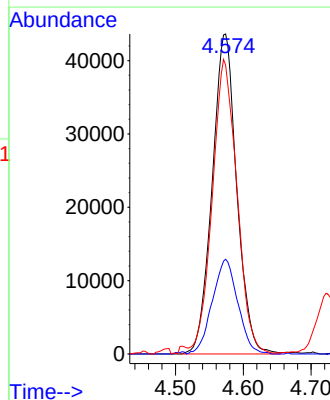
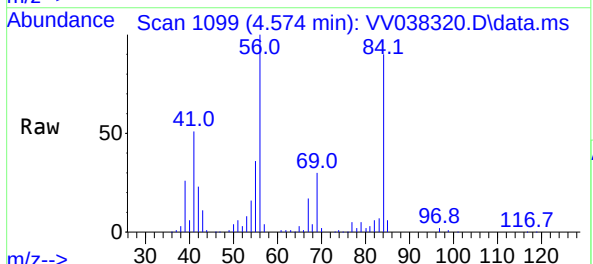
Instrument :
MSVOA_V
ClientSampleId :

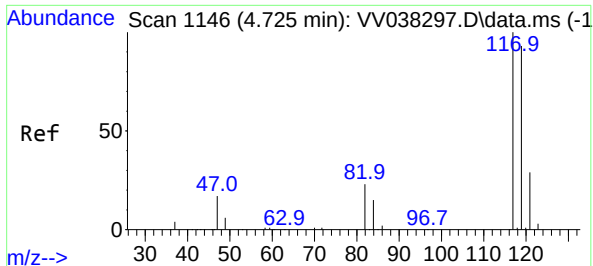
Tgt Ion: 97 Resp: 143385
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 42.3 32.2 48.2



#30
Cyclohexane
Concen: 4.354 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 56 Resp: 109767
Ion Ratio Lower Upper
56 100
69 30.7 26.0 39.0
84 91.6 75.6 113.4

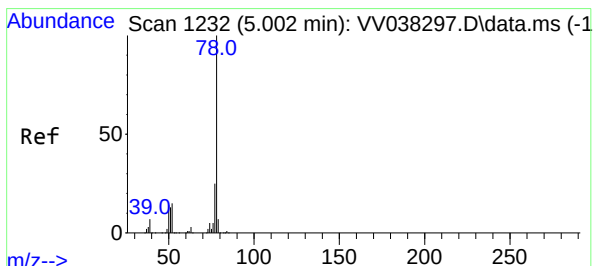
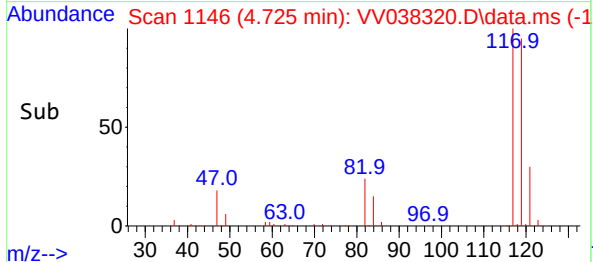
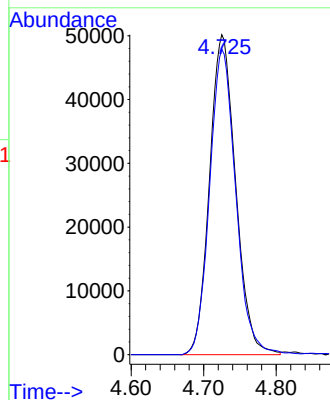
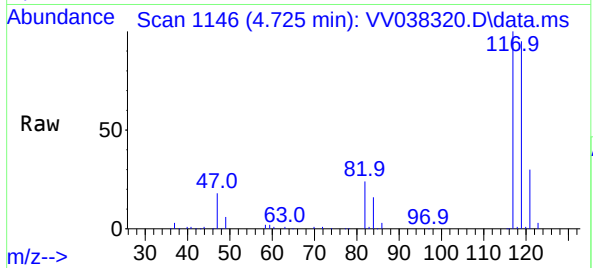




#31
Carbon tetrachloride
Concen: 4.674 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

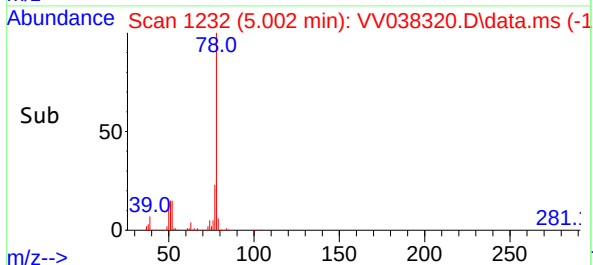
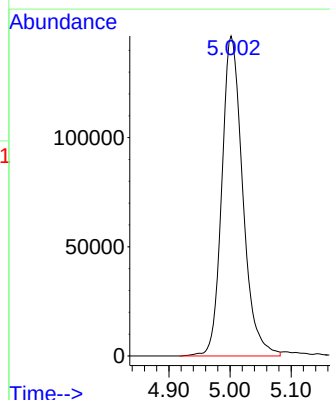
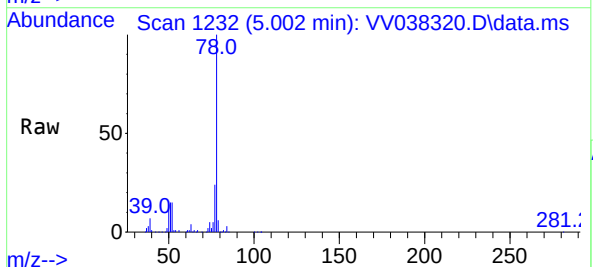
Instrument :
MSVOA_V
ClientSampleId :

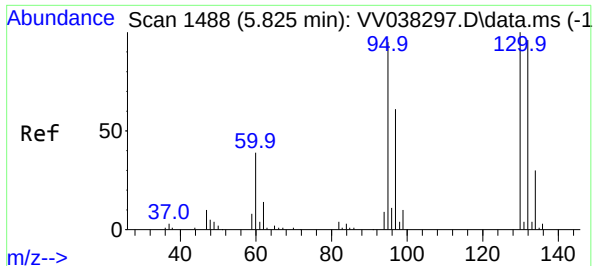
Tgt Ion:117 Resp: 125345
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.2



#33
Benzene
Concen: 4.892 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 78 Resp: 348279

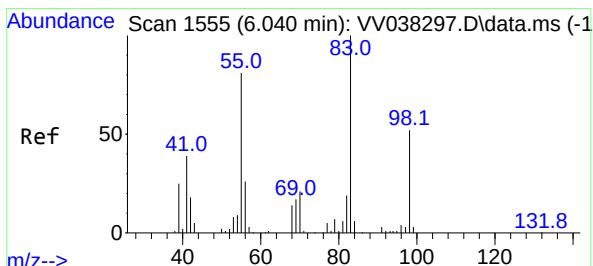
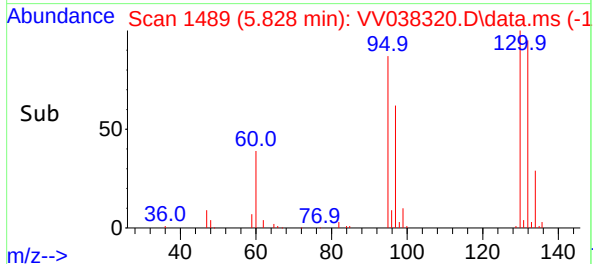
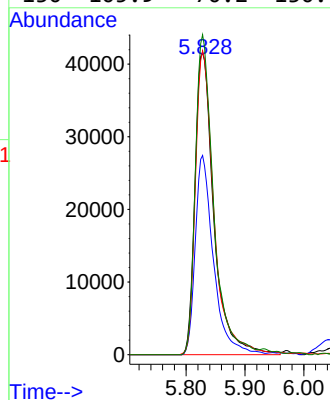
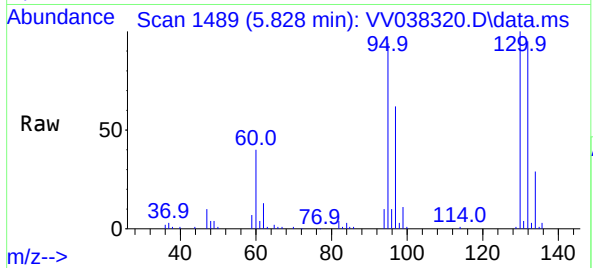




#34
Trichloroethene
Concen: 4.781 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

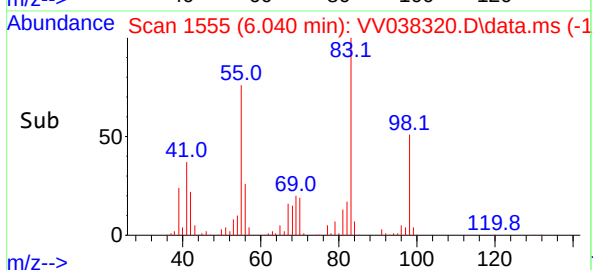
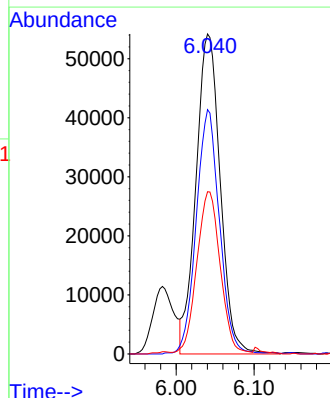
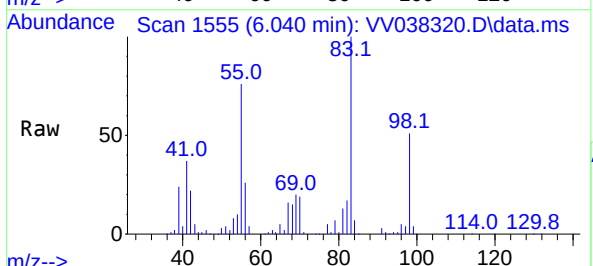
Instrument :
MSVOA_V
ClientSampleId :

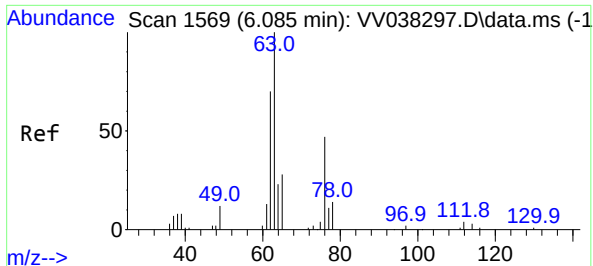
Tgt Ion: 95 Resp: 92790
Ion Ratio Lower Upper
95 100
97 66.0 44.8 83.2
132 100.7 68.3 126.8
130 105.9 70.2 130.4



#35
Methylcyclohexane
Concen: 4.266 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 83 Resp: 117134
Ion Ratio Lower Upper
83 100
55 73.2 59.7 89.5
98 48.1 39.0 58.4

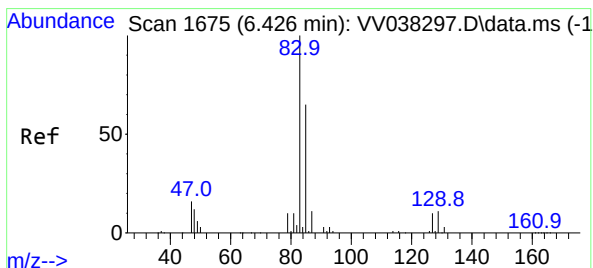
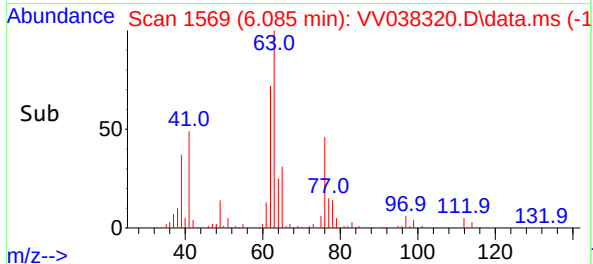
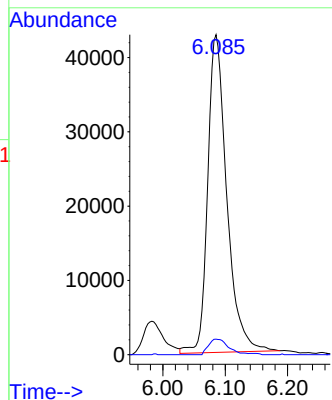
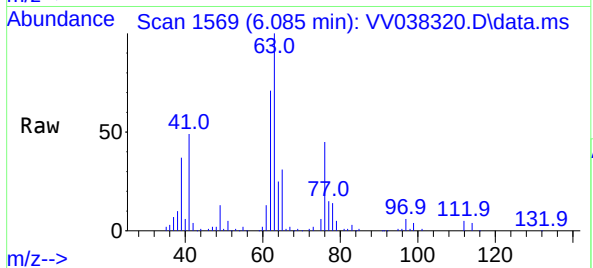




#37
1,2-Dichloropropane
Concen: 5.103 ug/L
RT: 6.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

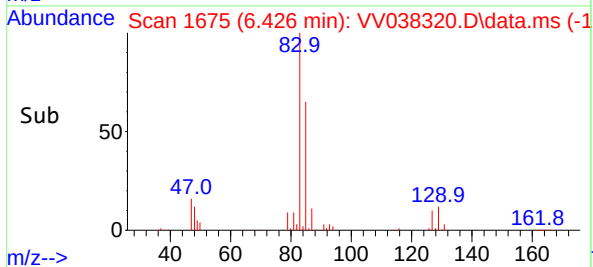
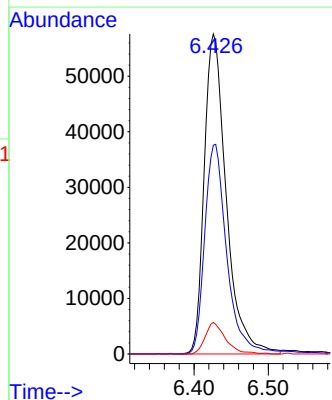
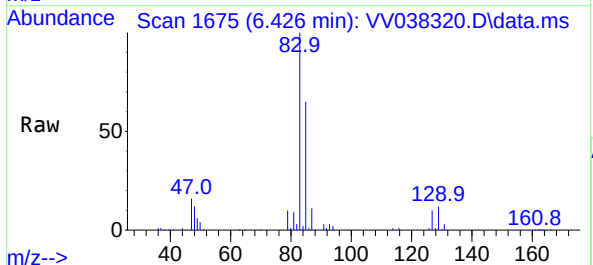
Instrument :
MSVOA_V
ClientSampleId :

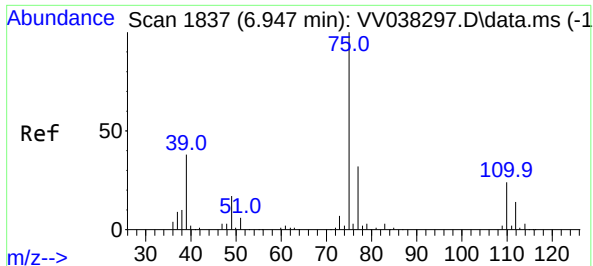
Tgt Ion: 63 Resp: 90999
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 4.953 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 83 Resp: 118719
Ion Ratio Lower Upper
83 100
85 65.3 43.9 81.5
127 9.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.963 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

Instrument :

MSVOA_V

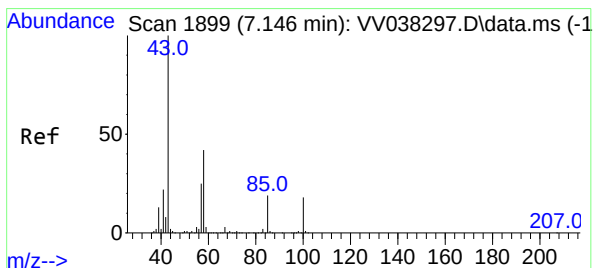
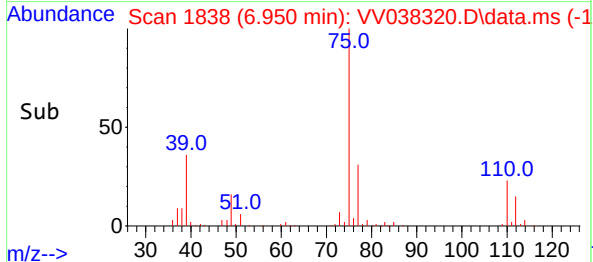
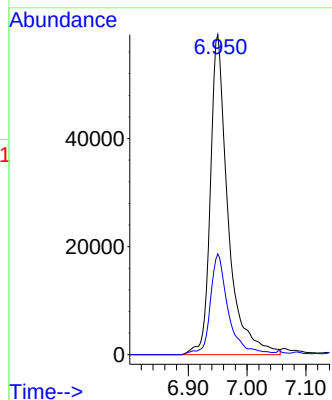
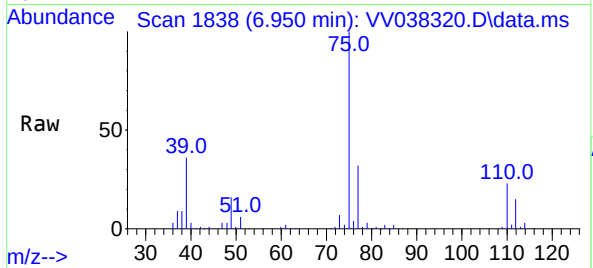
ClientSampleId :

Tgt Ion: 75 Resp: 123556

Ion Ratio Lower Upper

75 100

77 31.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 53.940 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

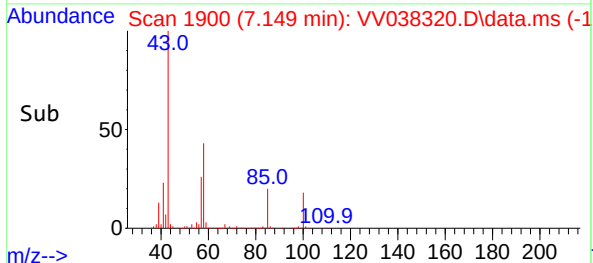
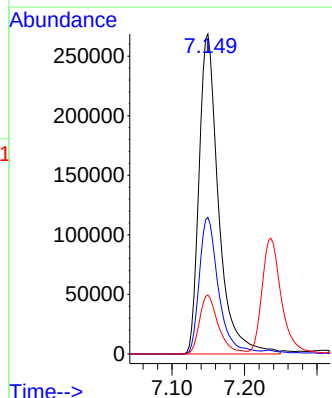
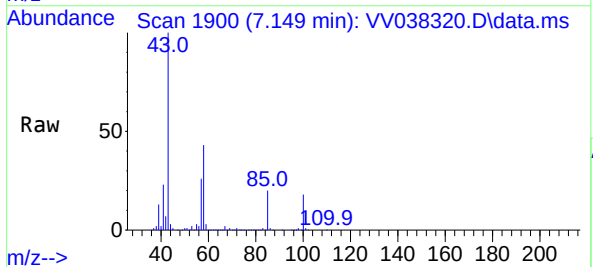
Tgt Ion: 43 Resp: 503454

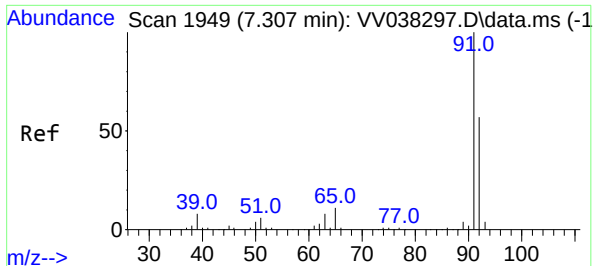
Ion Ratio Lower Upper

43 100

58 42.0 33.4 50.2

100 17.9 14.3 21.5





#42

Toluene

Concen: 4.934 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

Instrument :

MSVOA_V

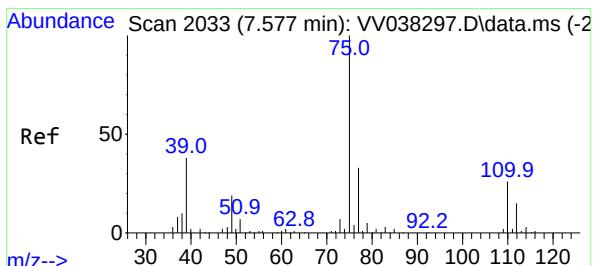
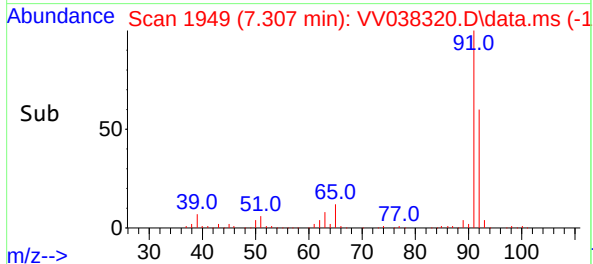
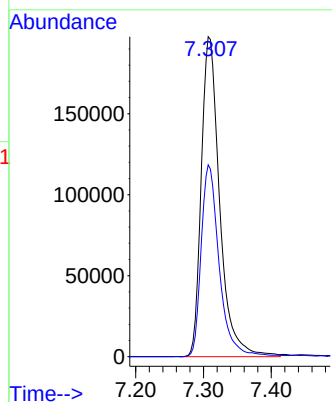
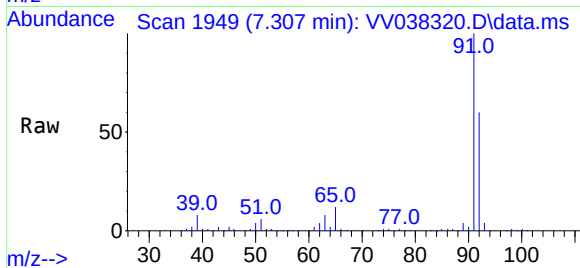
ClientSampleId :

Tgt Ion: 91 Resp: 372013

Ion Ratio Lower Upper

91 100

92 59.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.054 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038320.D

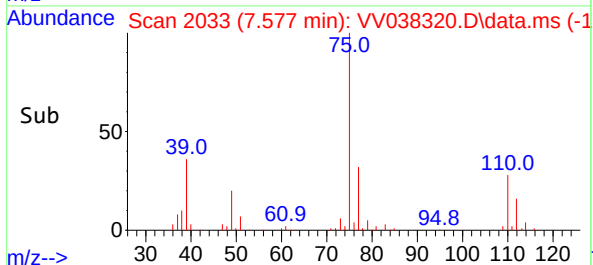
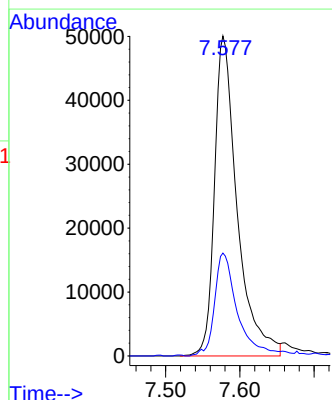
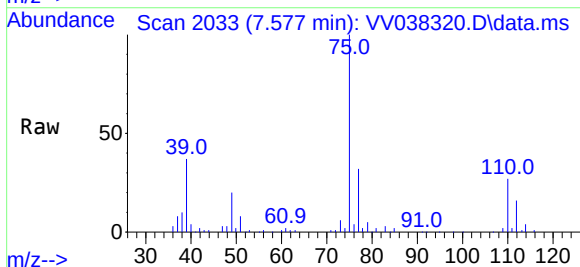
Acq: 24 Nov 2024 00:26

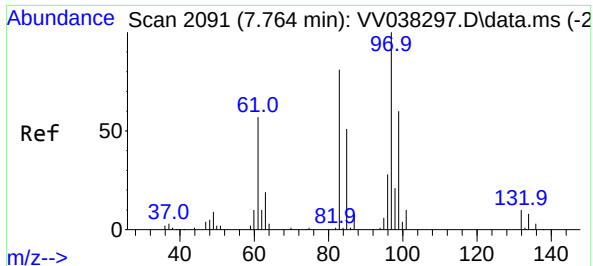
Tgt Ion: 75 Resp: 106276

Ion Ratio Lower Upper

75 100

77 32.2 23.4 43.4



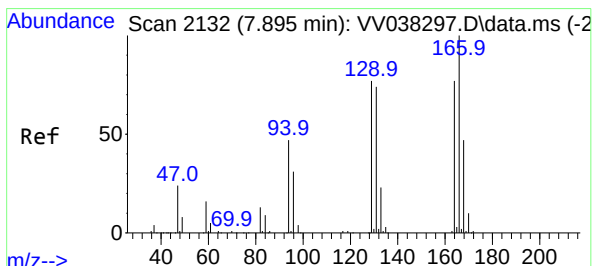
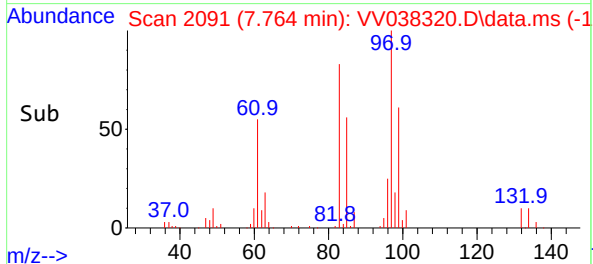
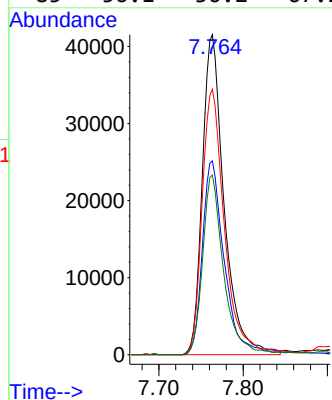
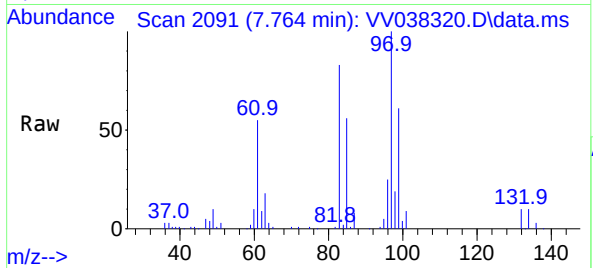


#45
1,1,2-Trichloroethane
Concen: 5.169 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 74752

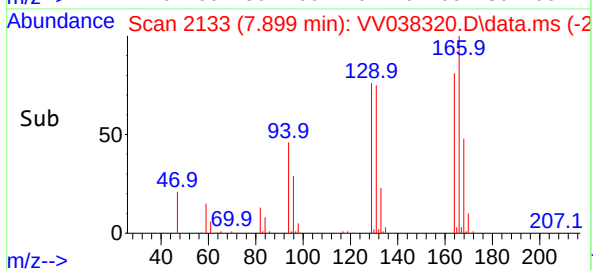
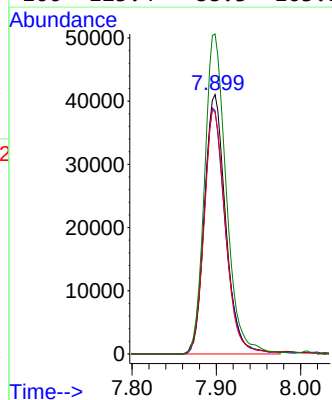
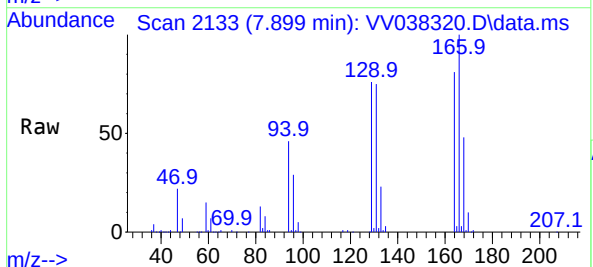
Ion	Ratio	Lower	Upper
97	100		
99	60.5	41.9	77.7
83	83.0	57.7	107.1
85	56.1	36.2	67.2

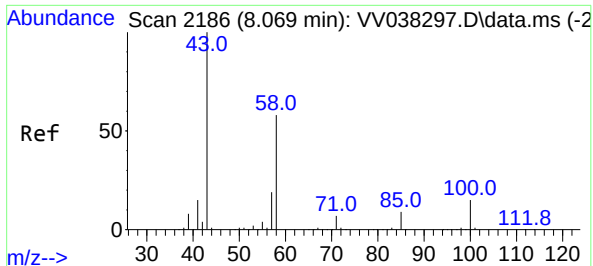


#47
Tetrachloroethene
Concen: 4.609 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 164 Resp: 71873

Ion	Ratio	Lower	Upper
164	100		
129	93.8	68.5	127.1
131	93.1	64.8	120.4
166	123.4	88.3	163.9

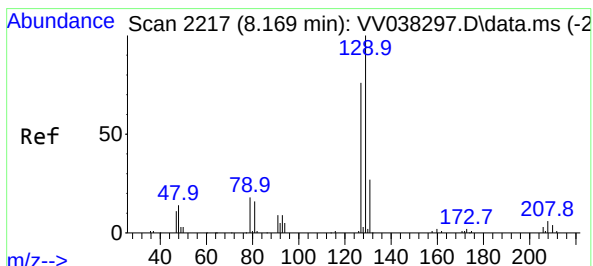
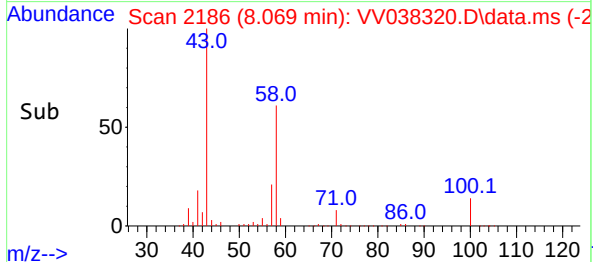
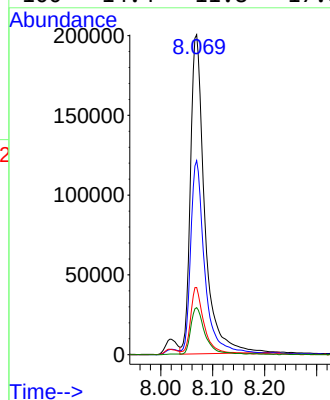
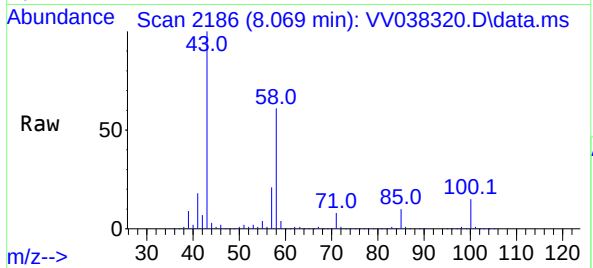




#48
2-Hexanone
Concen: 56.654 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

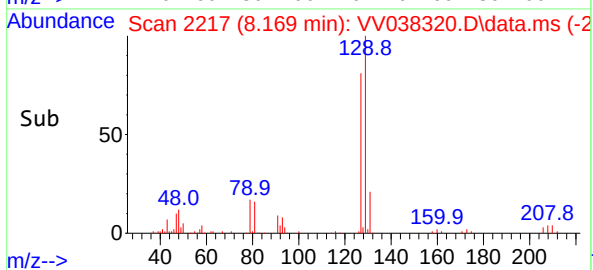
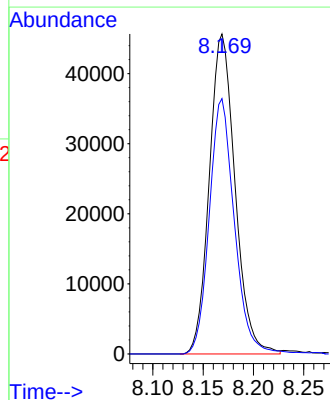
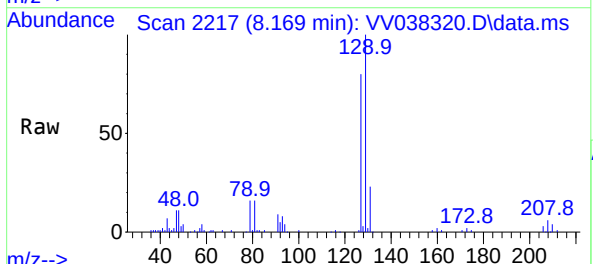
Instrument :
MSVOA_V
ClientSampleId :

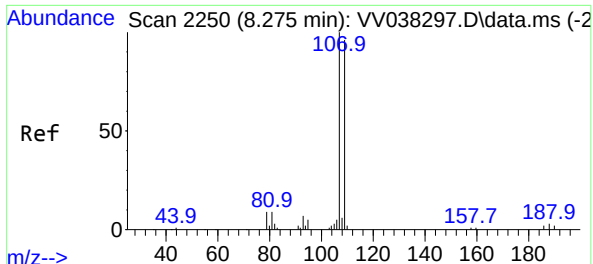
Tgt Ion: 43 Resp: 383455
Ion Ratio Lower Upper
43 100
58 59.3 49.2 73.8
57 19.9 16.9 25.3
100 14.4 11.8 17.8



#49
Dibromochloromethane
Concen: 5.161 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 129 Resp: 81373
Ion Ratio Lower Upper
129 100
127 79.8 53.5 99.3



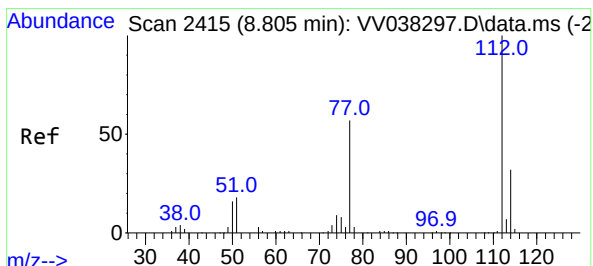
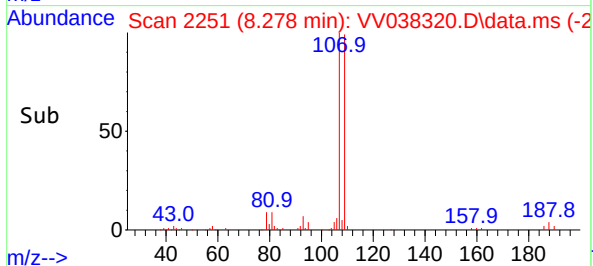
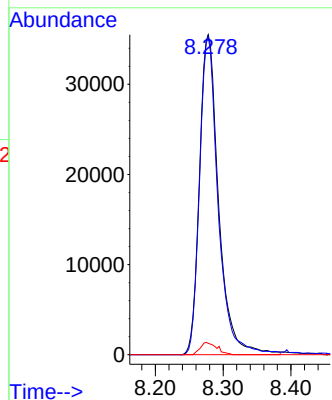
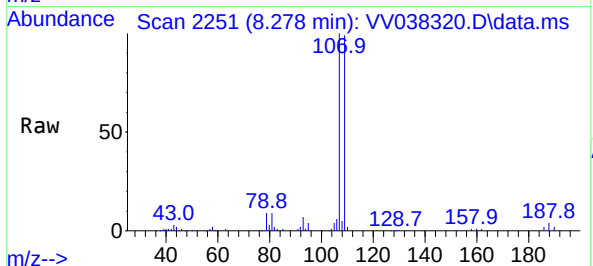


#50
1,2-Dibromoethane
Concen: 5.201 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 69729

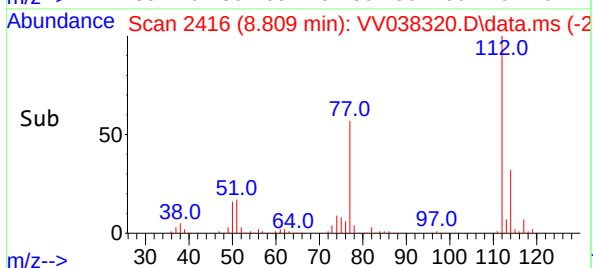
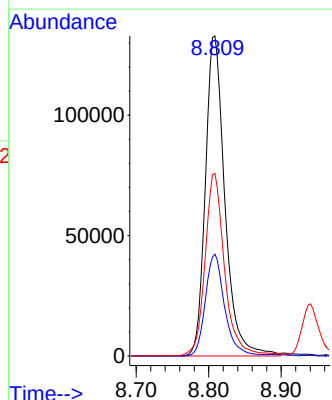
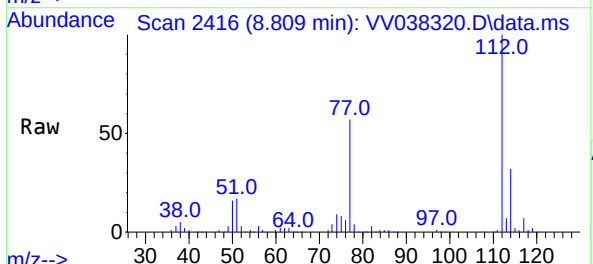
Ion	Ratio	Lower	Upper
107	100		
109	99.4	66.1	122.7
188	3.5	2.6	3.8

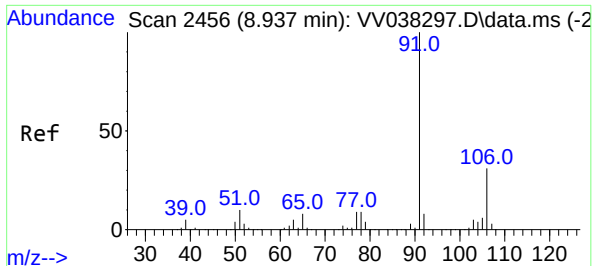


#51
Chlorobenzene
Concen: 4.785 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion:112 Resp: 248561

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	40.8
77	57.1	45.0	67.4

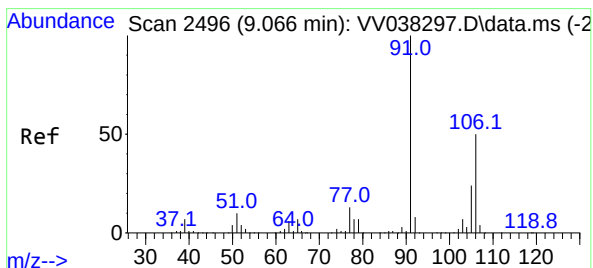
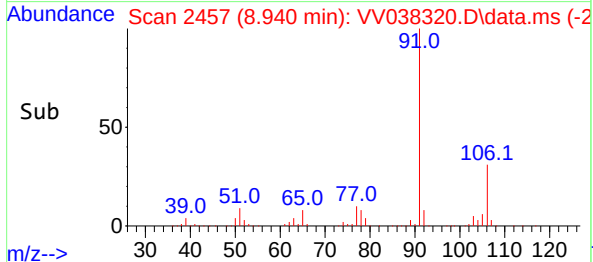
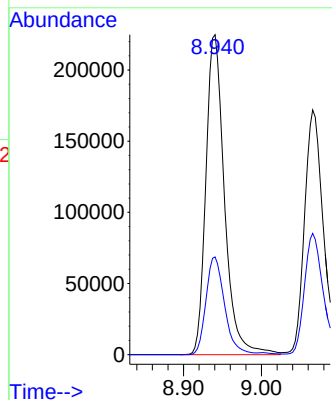
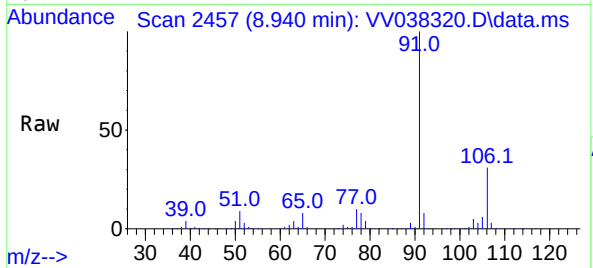




#52
Ethylbenzene
Concen: 4.663 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

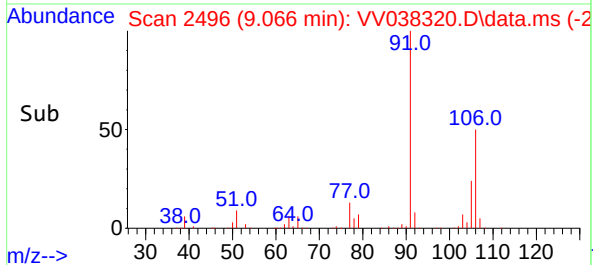
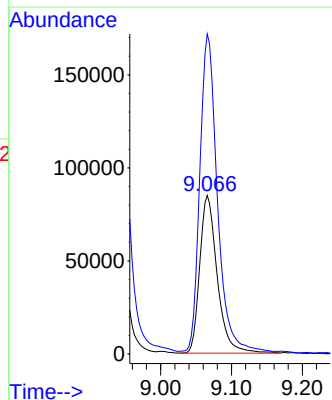
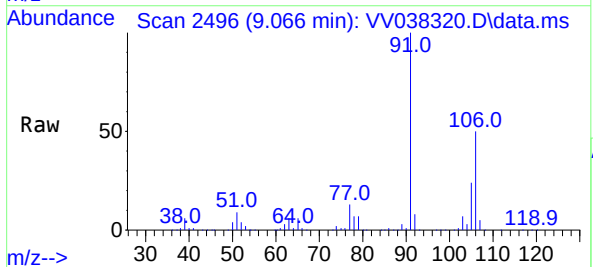
Instrument :
MSVOA_V
ClientSampleId :

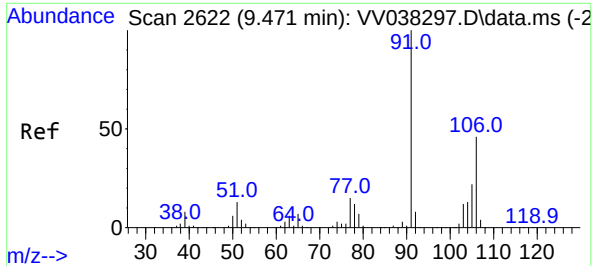
Tgt Ion: 91 Resp: 372983
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.4



#53
m,p-Xylene
Concen: 4.799 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 106 Resp: 144857
Ion Ratio Lower Upper
106 100
91 201.9 138.7 257.5

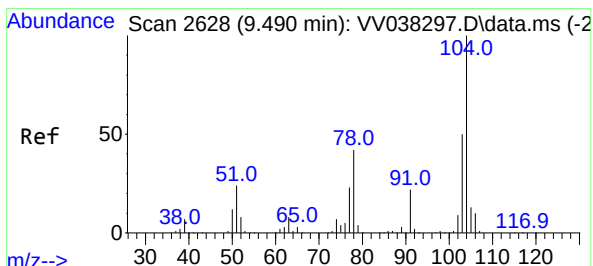
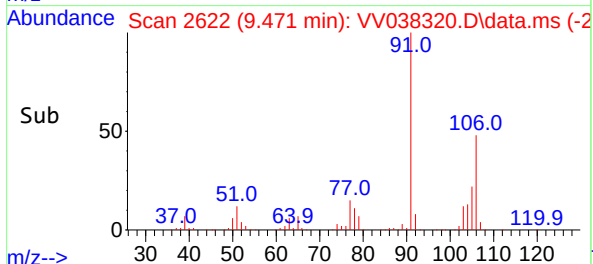
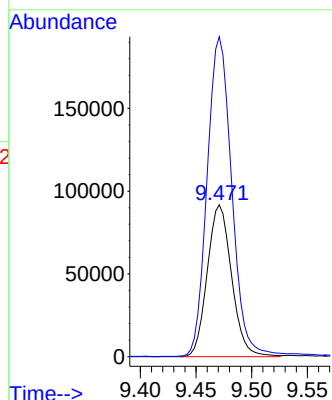
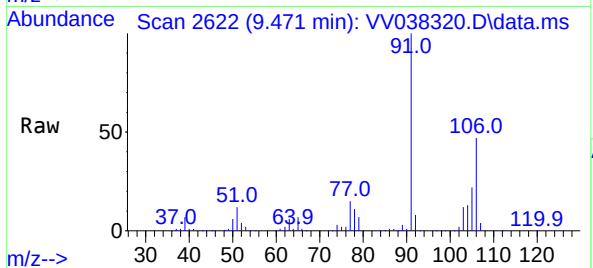




#54
o-Xylene
Concen: 4.746 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

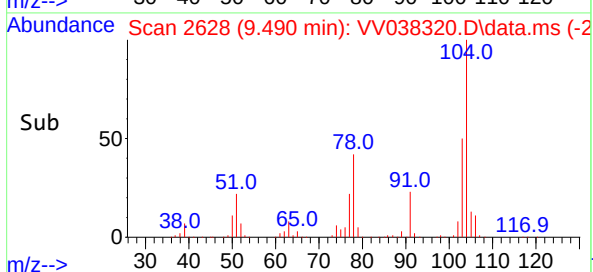
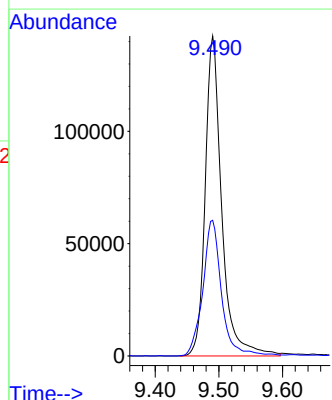
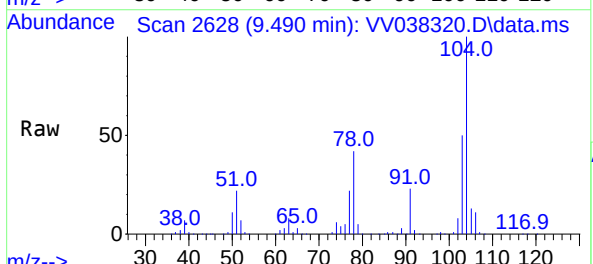
Instrument :
MSVOA_V
ClientSampleId :

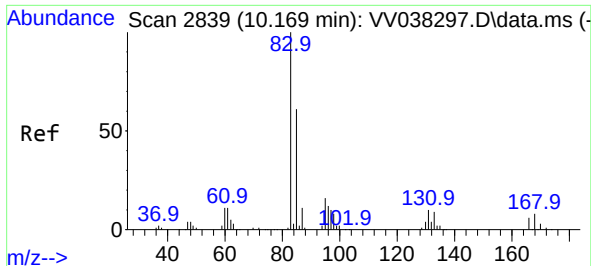
Tgt Ion:106 Resp: 139471
Ion Ratio Lower Upper
106 100
91 210.7 155.5 288.7



#55
Styrene
Concen: 4.952 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion:104 Resp: 256516
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1

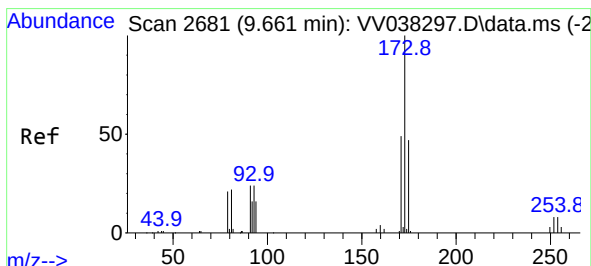
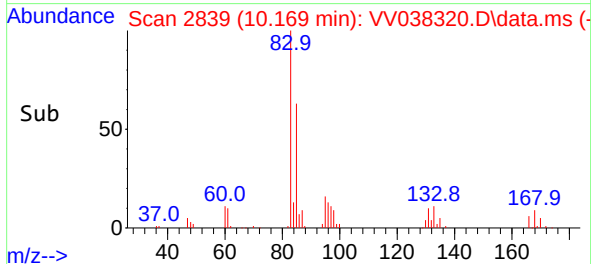
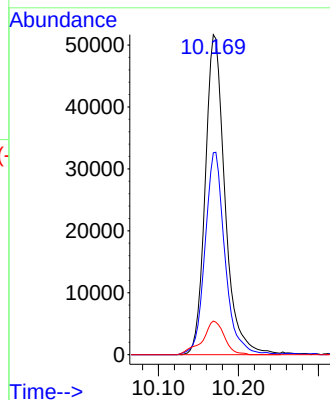
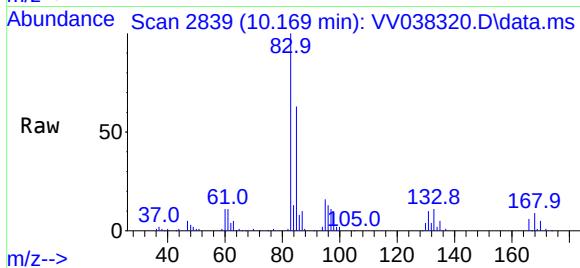




#57
1,1,2,2-Tetrachloroethane
Concen: 5.255 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

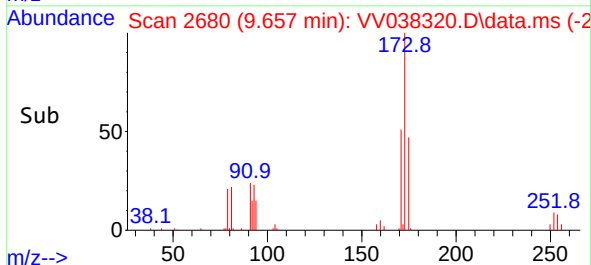
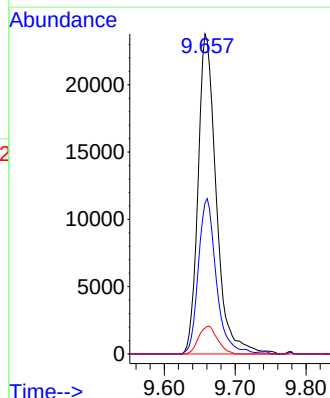
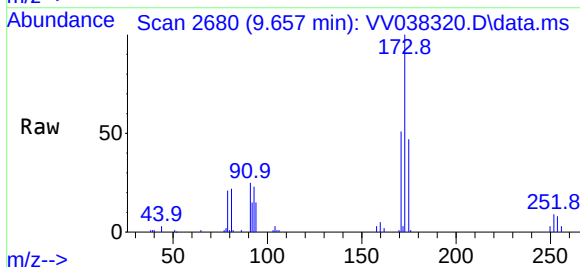
Instrument :
MSVOA_V
ClientSampleId :

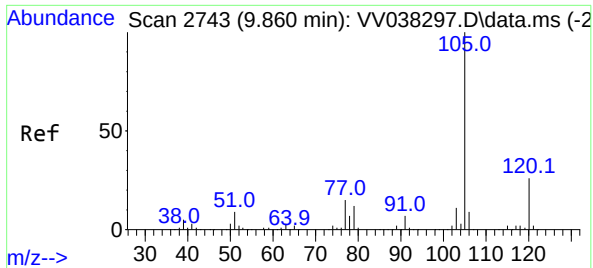
Tgt Ion: 83 Resp: 88871
Ion Ratio Lower Upper
83 100
85 63.1 45.7 84.9
131 10.5 8.2 12.4



#59
Bromoform
Concen: 5.345 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 173 Resp: 42447
Ion Ratio Lower Upper
173 100
175 47.7 38.5 57.7
254 8.9 6.9 10.3

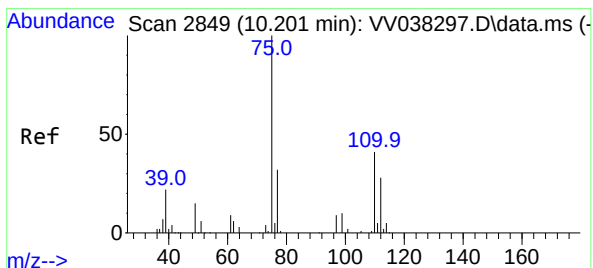
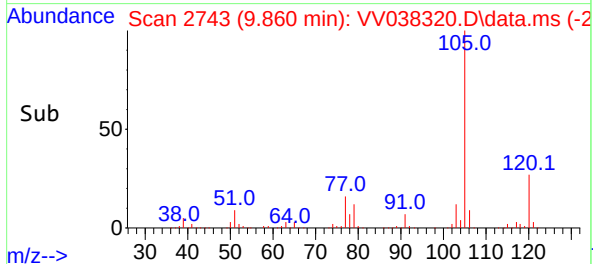
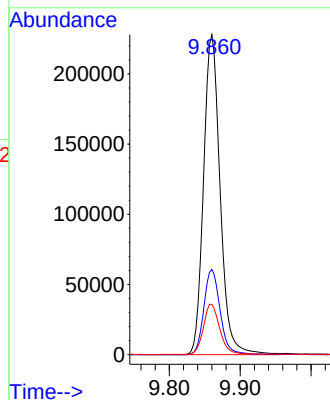
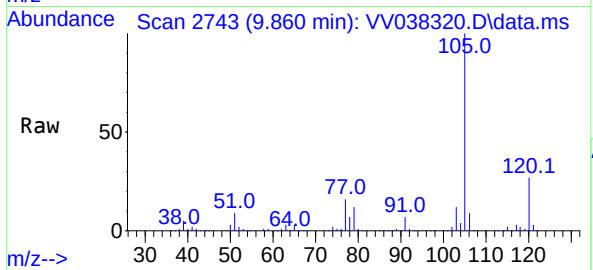




#60
Isopropylbenzene
Concen: 4.717 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

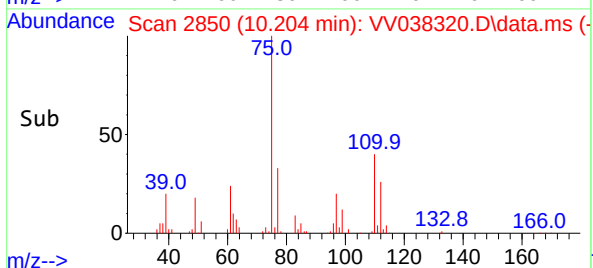
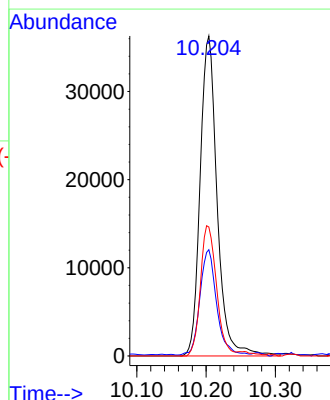
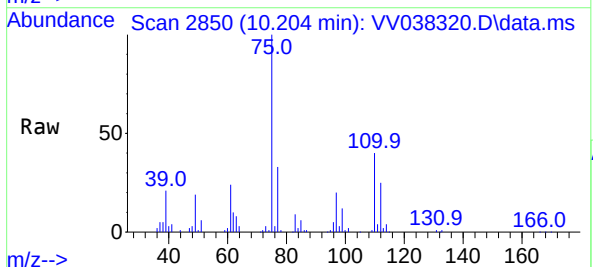
Instrument :
MSVOA_V
ClientSampleId :

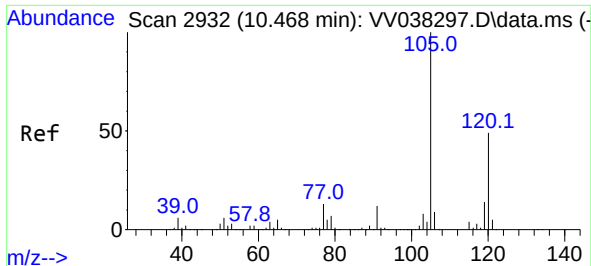
Tgt Ion:105 Resp: 370707
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.308 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion: 75 Resp: 62014
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 38.4 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.463 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038320.D

Acq: 24 Nov 2024 00:26

Instrument :

MSVOA_V

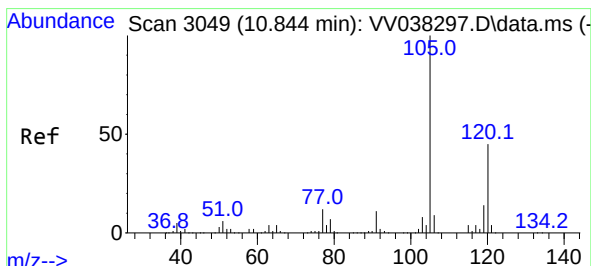
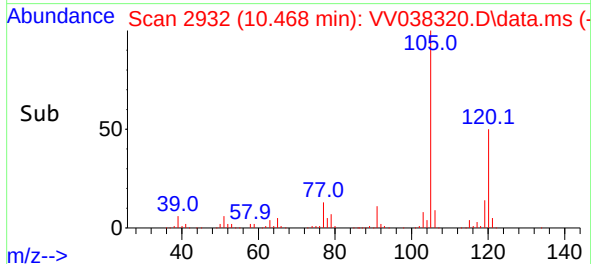
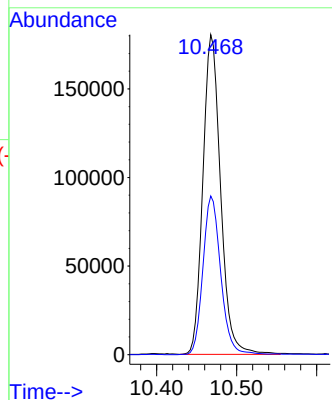
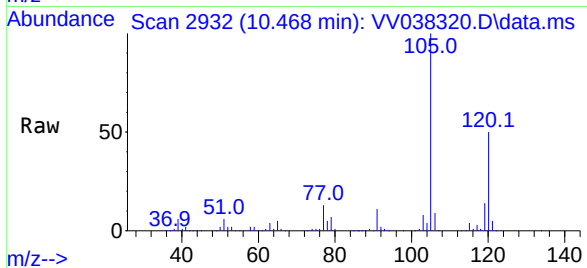
ClientSampleId :

Tgt Ion:105 Resp: 278339

Ion Ratio Lower Upper

105 100

120 49.8 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.636 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038320.D

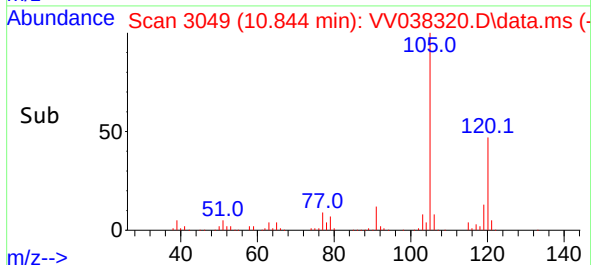
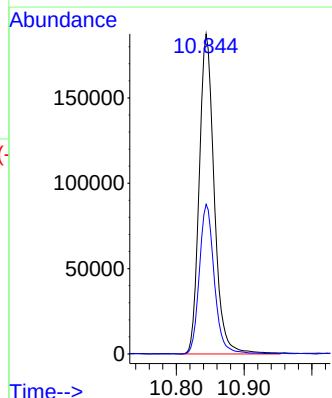
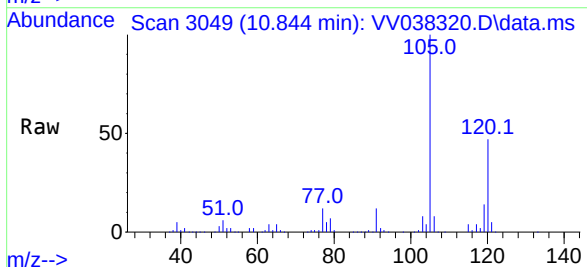
Acq: 24 Nov 2024 00:26

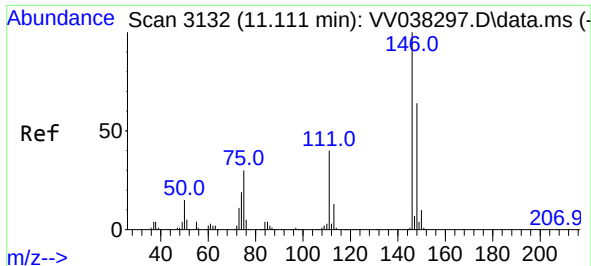
Tgt Ion:105 Resp: 288298

Ion Ratio Lower Upper

105 100

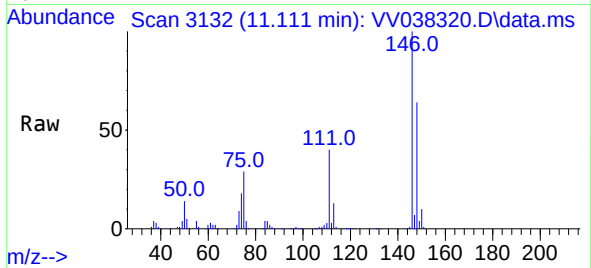
120 46.7 37.0 55.4



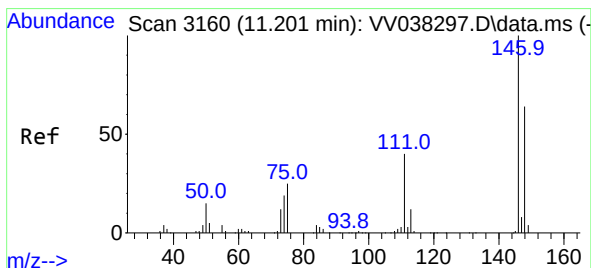
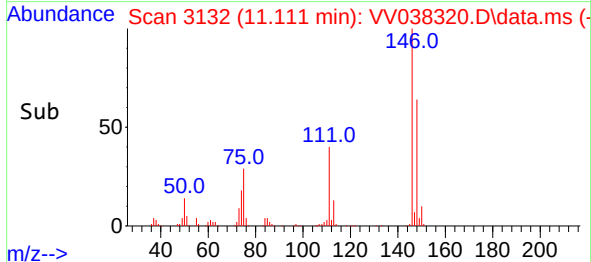
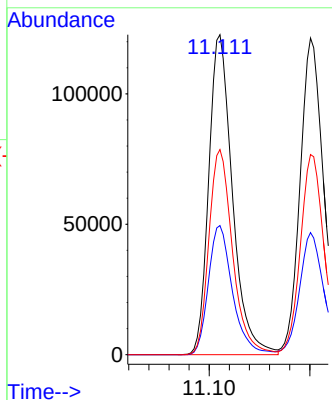


#64
1,3-Dichlorobenzene
Concen: 4.749 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Instrument :
MSVOA_V
ClientSampleId :

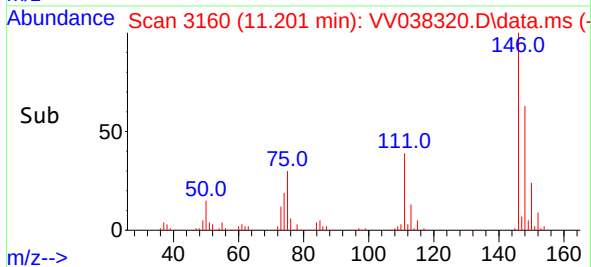
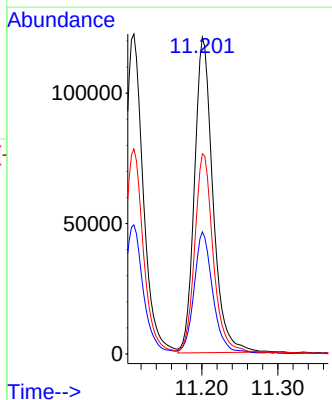
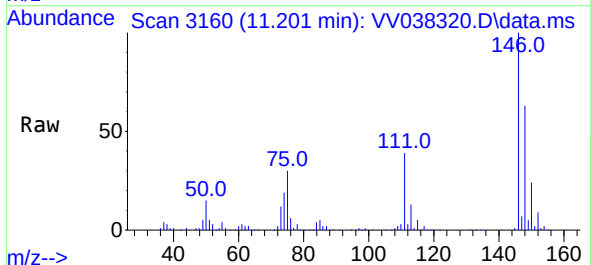


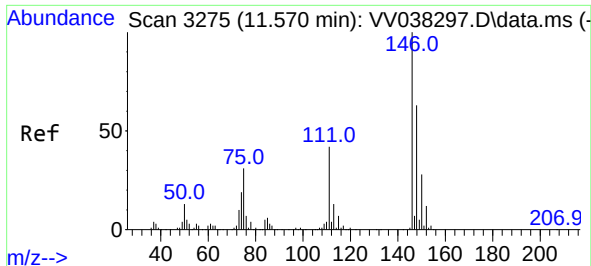
Tgt Ion:146 Resp: 200423
Ion Ratio Lower Upper
146 100
111 40.4 28.2 52.4
148 64.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.778 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

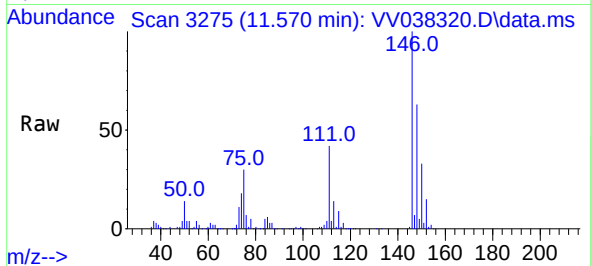
Tgt Ion:146 Resp: 203833
Ion Ratio Lower Upper
146 100
111 38.5 27.4 50.8
148 63.2 44.4 82.4



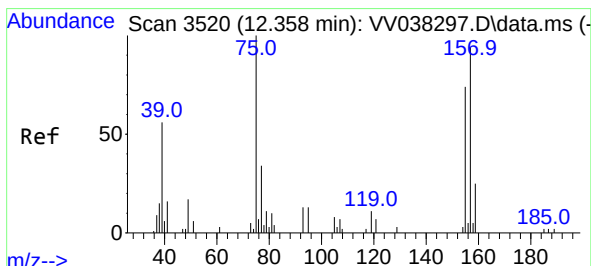
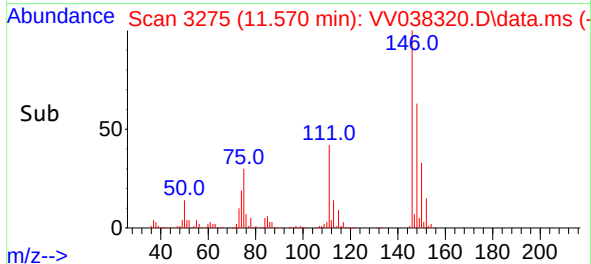
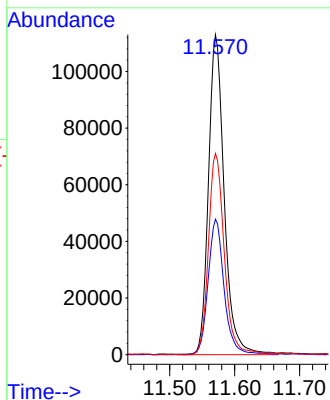


#67
1,2-Dichlorobenzene
Concen: 4.886 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Instrument :
MSVOA_V
ClientSampleId :

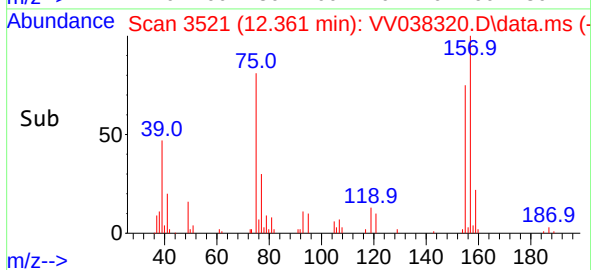
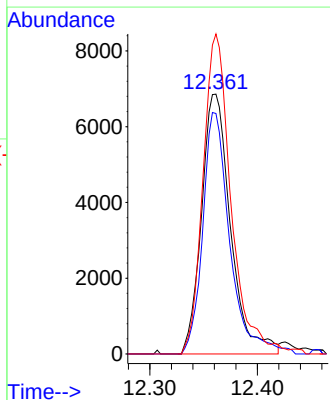
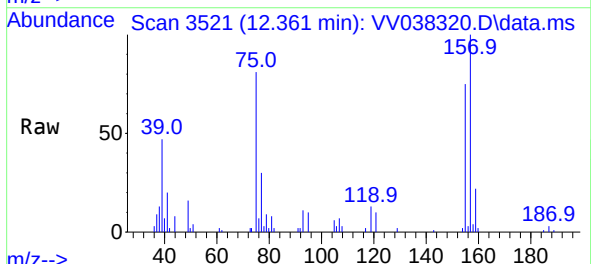


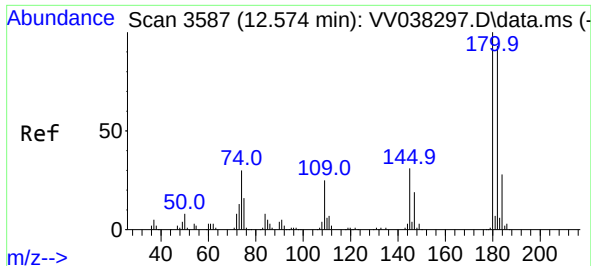
Tgt Ion:146 Resp: 190860
Ion Ratio Lower Upper
146 100
111 42.4 34.2 51.2
148 62.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.921 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

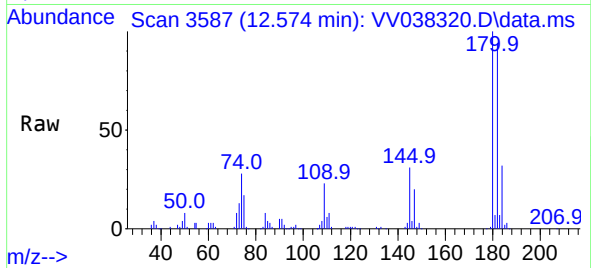
Tgt Ion: 75 Resp: 12906
Ion Ratio Lower Upper
75 100
155 92.5 67.5 101.3
157 123.1 82.7 124.1



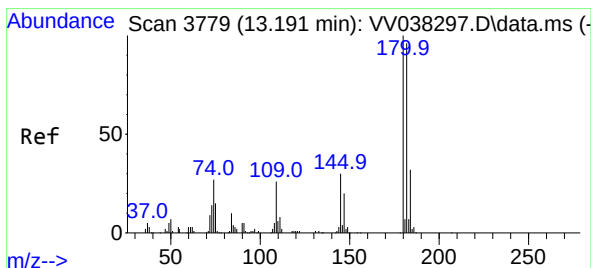
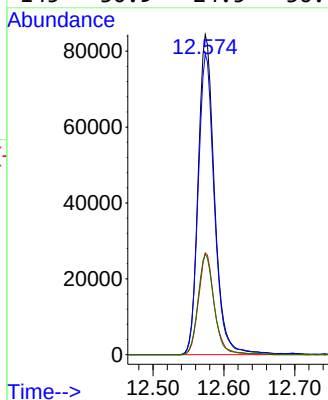
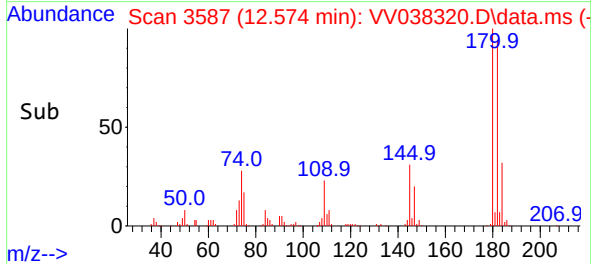


#69
 1,3,5-Trichlorobenzene
 Concen: 4.514 ug/L
 RT: 12.574 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038320.D
 Acq: 24 Nov 2024 00:26

Instrument :
 MSVOA_V
 ClientSampleId :

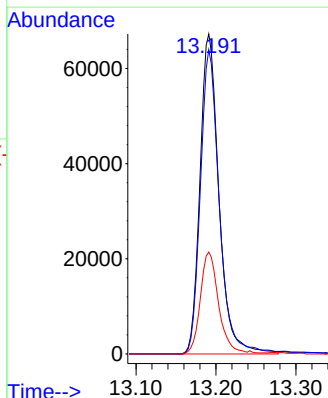
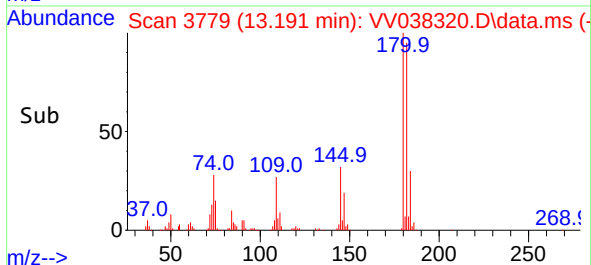
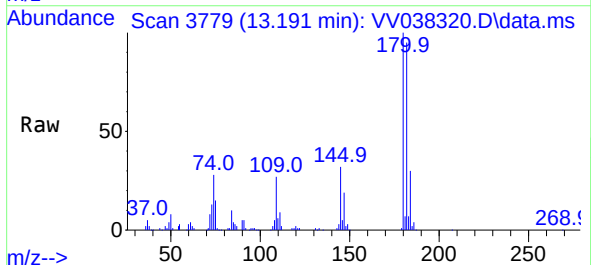


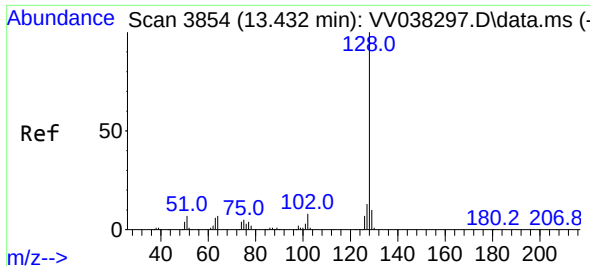
Tgt Ion:	180	Resp:	134951
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.0	114.0
184	30.6	23.7	35.5
145	30.9	24.5	36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.499 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038320.D
 Acq: 24 Nov 2024 00:26

Tgt Ion:	180	Resp:	111184
Ion Ratio	Lower	Upper	
180	100		
182	94.7	73.8	110.8
145	30.6	24.6	37.0

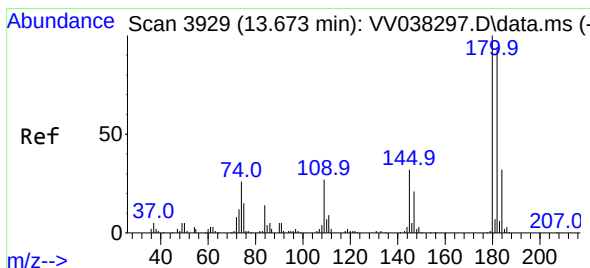
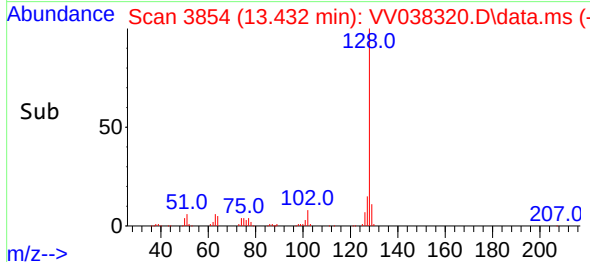
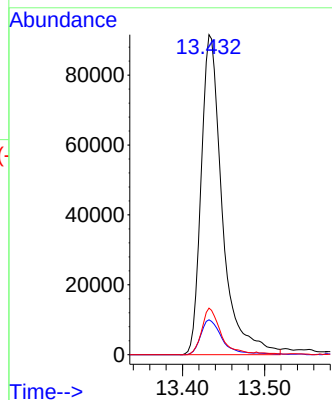
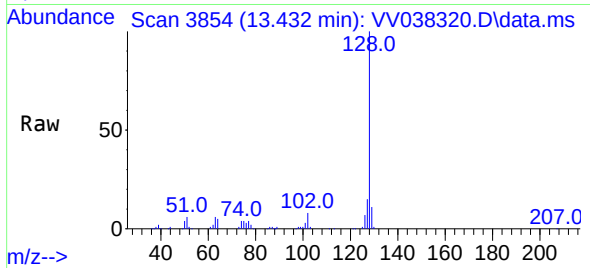




#71
Naphthalene
Concen: 4.273 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 164271
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.1 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 4.600 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV038320.D
Acq: 24 Nov 2024 00:26

Tgt Ion:180 Resp: 105042
Ion Ratio Lower Upper
180 100
182 95.1 75.1 112.7
145 33.0 27.0 40.4

