

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112324\
 Data File : VW038301.D
 Acq On : 23 Nov 2024 16:24
 Operator : SY/MD
 Sample : P4884-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:01:24 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	259403	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	280931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66438	3.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.529	69	69774	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.053	65	31138	3.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.783	46	174904	43.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.940%
24) Chloroform-d	4.240	84	174207	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.934	65	87804	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.953	84	304314	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.982	67	105062	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.236	98	233669	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.558	79	33672	4.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.018	63	144752	44.829	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87419	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	99103	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.709	101	860577	25.252	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	15493	0.797	ug/L	94
13) Acetone	1.847	43	1442736	490.440	ug/L	41
16) Methylene chloride	2.442	84	24284	1.149	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	41934	1.001	ug/L	98
19) 1,1-Dichloroethane	3.105	63	110213	3.111	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	3107	0.154	ug/L	89
25) Chloroform	4.272	83	10441	0.275	ug/L	91
27) 1,2-Dichloroethane	5.066	62	3634	0.176	ug/L #	93
29) 1,1,1-Trichloroethane	4.503	97	70561	2.094	ug/L	99
34) Trichloroethene	5.834	95	21832	1.015	ug/L	96
35) Methylcyclohexane	5.982	83	24584	0.808	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	11135	0.563	ug/L #	86
42) Toluene	7.323	91	17944	0.215	ug/L	83
47) Tetrachloroethene	7.899	164	55698	3.222	ug/L	98
49) Dibromochloromethane	7.899	129	50055	2.864	ug/L #	11
51) Chlorobenzene	8.815	112	13947	0.242	ug/L	89
61) 1,2,3-Trichloropropane	11.178	75	13742	1.349	ug/L #	63
67) 1,2-Dichlorobenzene	11.574	146	5029	0.148	ug/L	94

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

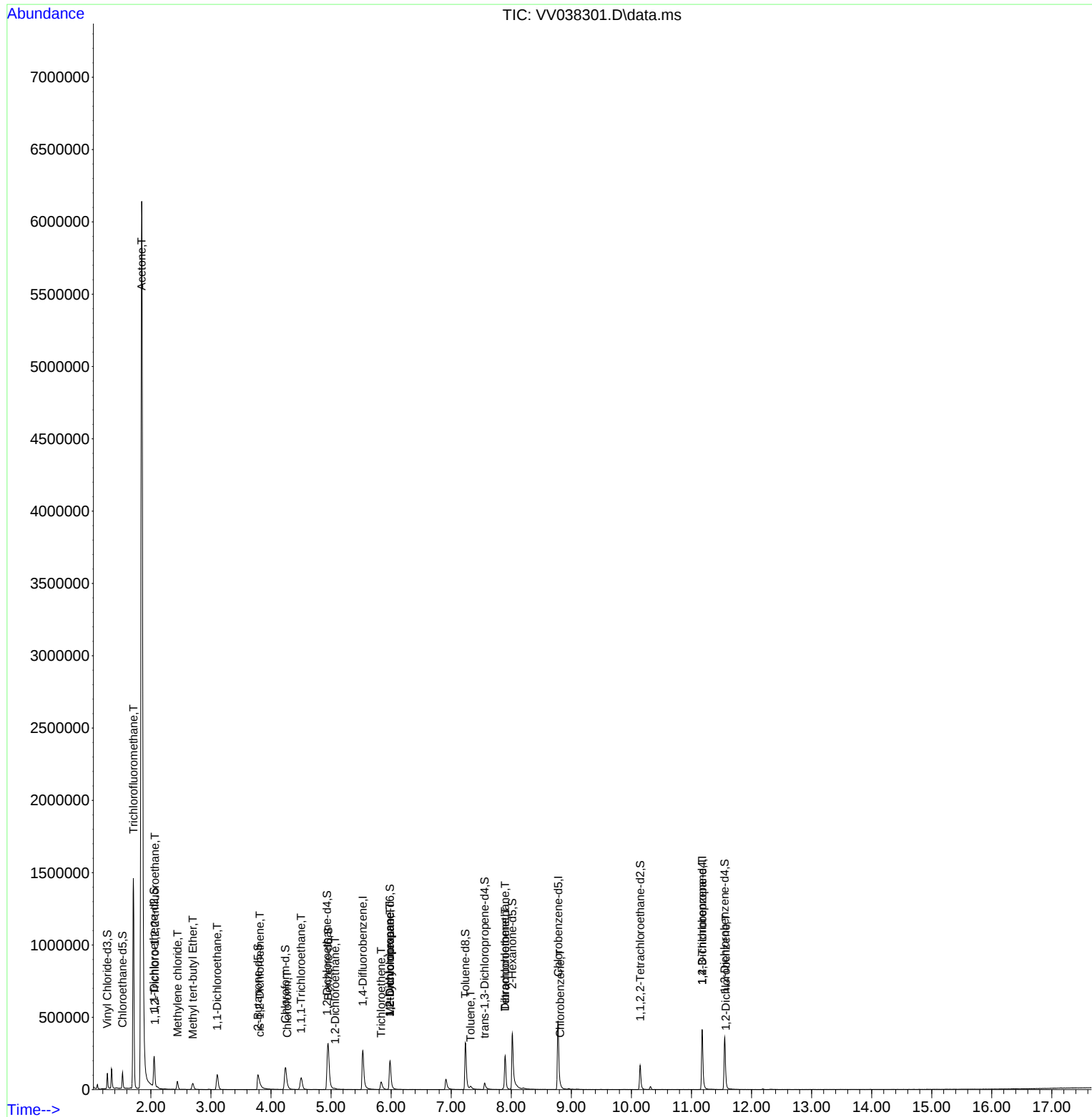
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

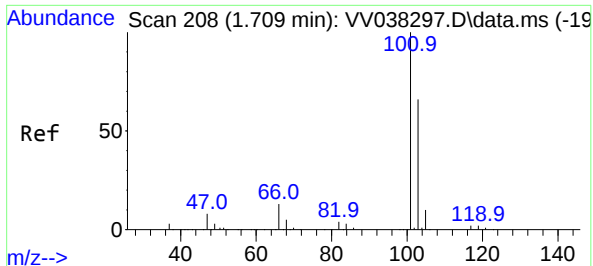
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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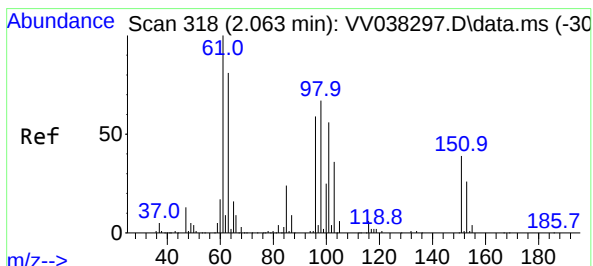
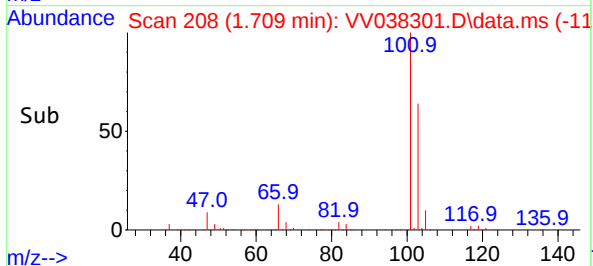
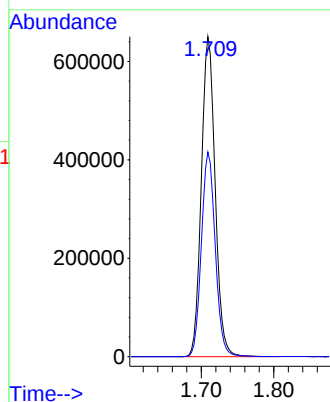
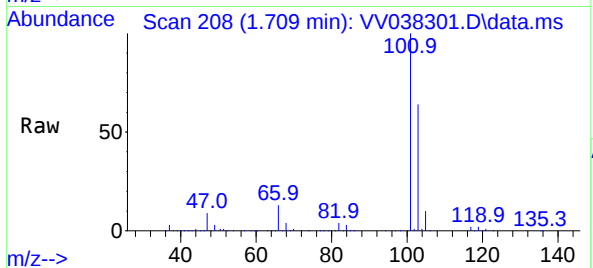




#9
Trichlorofluoromethane
Concen: 25.252 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

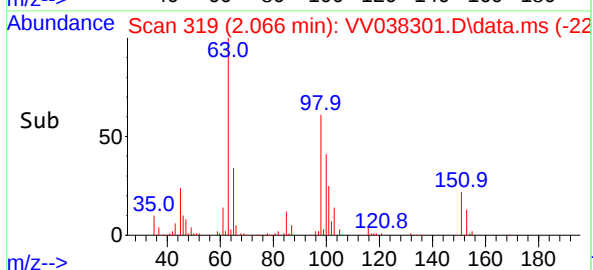
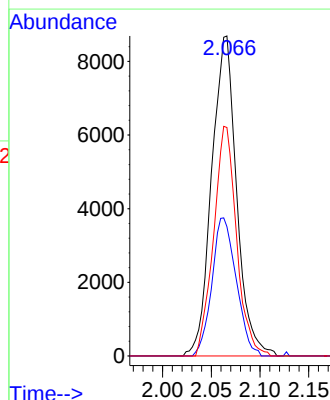
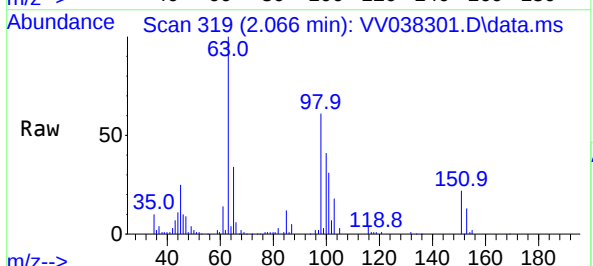
Instrument :
MSVOA_V
ClientSampleId :

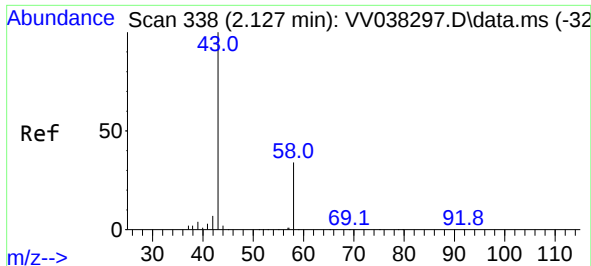
Tgt Ion:101 Resp: 860577
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.797 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion:101 Resp: 15493
Ion Ratio Lower Upper
101 100
85 42.0 33.4 50.0
151 66.0 58.8 88.2

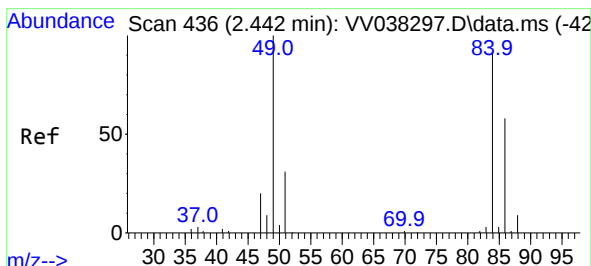
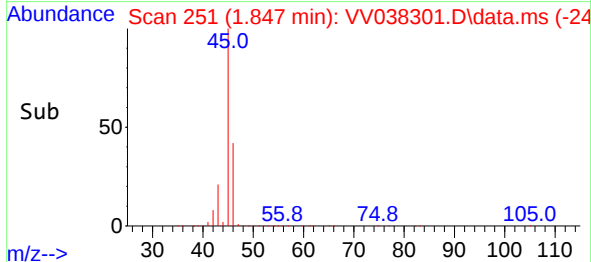
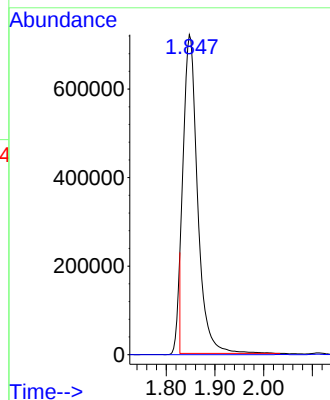
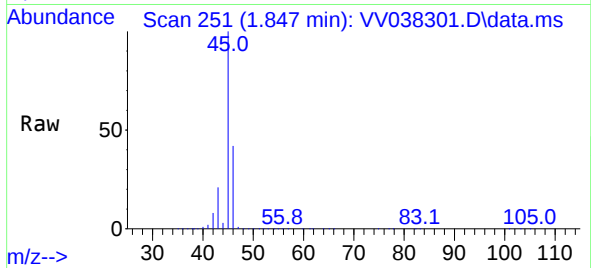




#13
Acetone
Concen: 490.440 ug/L
RT: 1.847 min Scan# 21
Delta R.T. -0.273 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

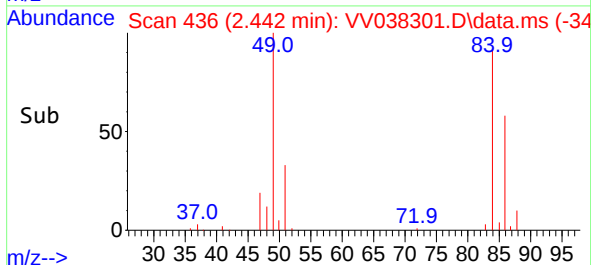
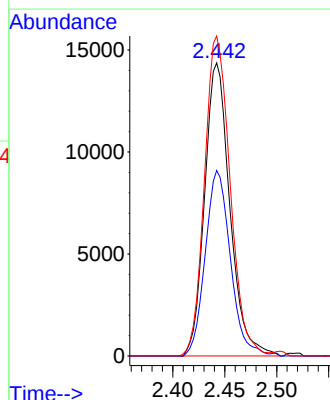
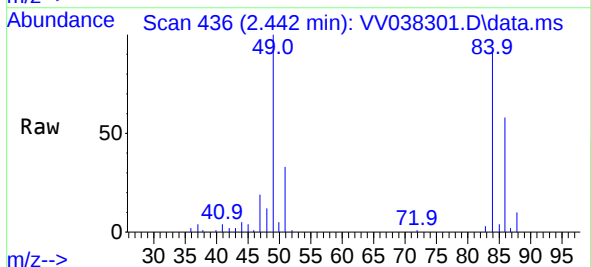
Instrument :
MSVOA_V
ClientSampleId :

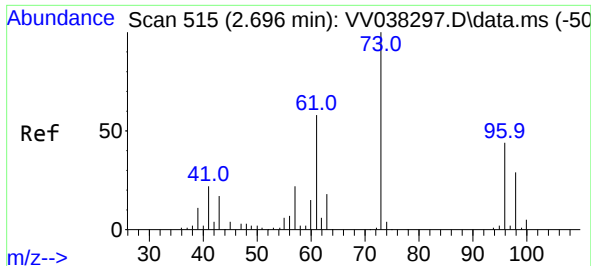
Tgt Ion: 43 Resp: 1442736
Ion Ratio Lower Upper
43 100
58 0.1 0.0 67.2



#16
Methylene chloride
Concen: 1.149 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

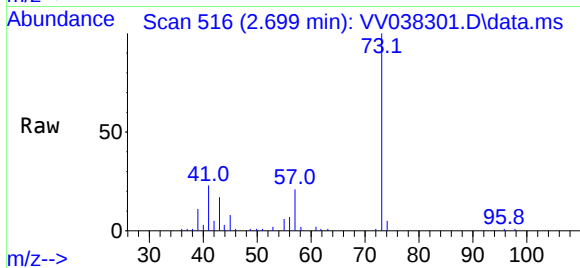
Tgt Ion: 84 Resp: 24284
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 109.2 74.9 139.1



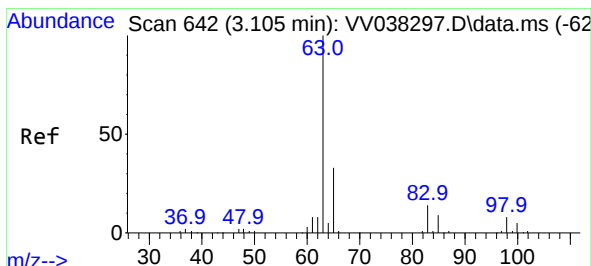
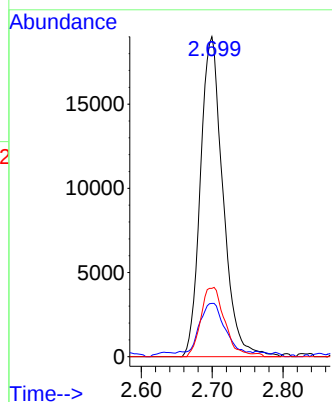
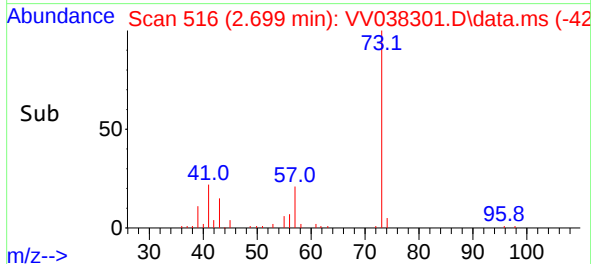


#17
Methyl tert-butyl Ether
Concen: 1.001 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

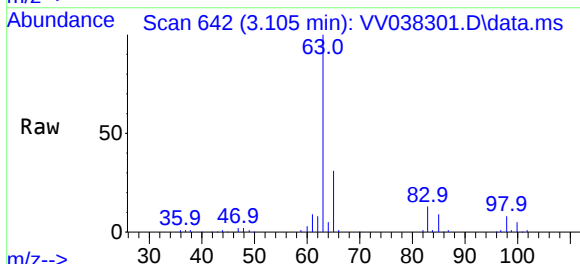
Instrument :
MSVOA_V
ClientSampleId :



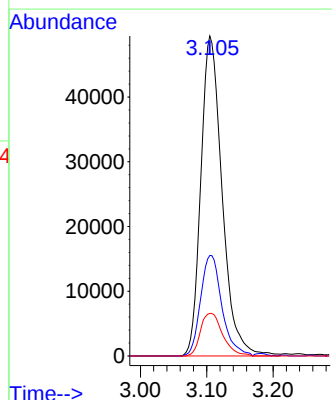
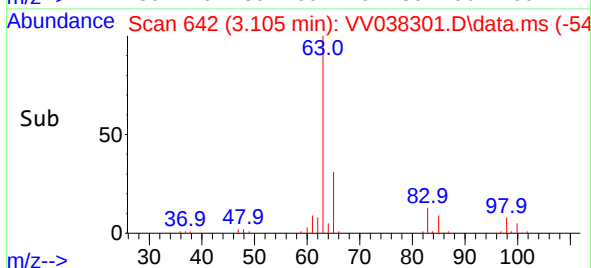
Tgt Ion: 73 Resp: 41934
Ion Ratio Lower Upper
73 100
43 19.1 14.2 21.2
57 22.8 17.6 26.4

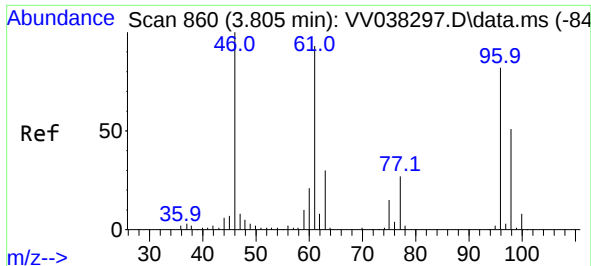


#19
1,1-Dichloroethane
Concen: 3.111 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24



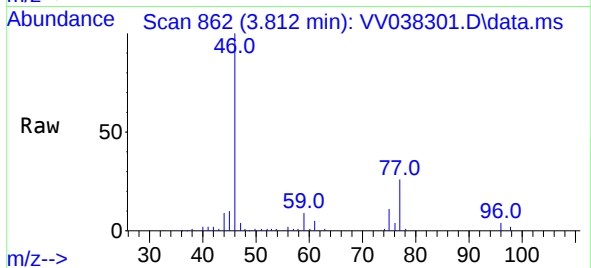
Tgt Ion: 63 Resp: 110213
Ion Ratio Lower Upper
63 100
65 31.4 22.5 41.7
83 13.3 10.1 18.9



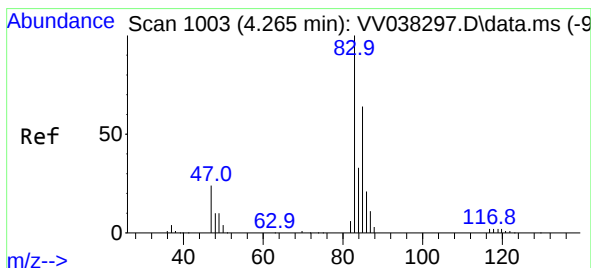
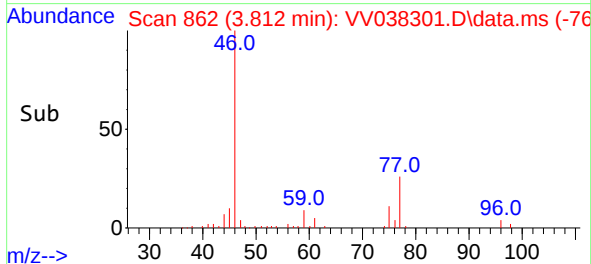
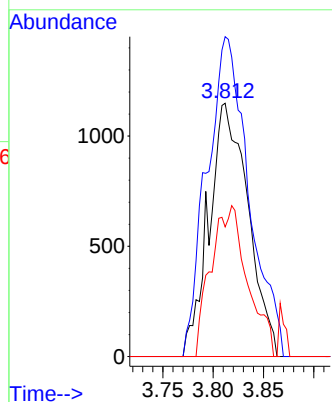


#22
cis-1,2-Dichloroethene
Concen: 0.154 ug/L
RT: 3.812 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Instrument :
MSVOA_V
ClientSampleId :

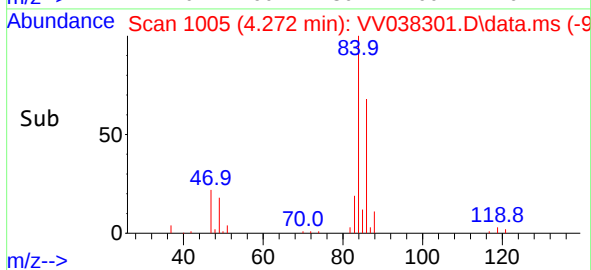
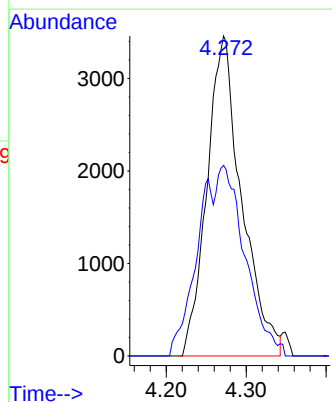
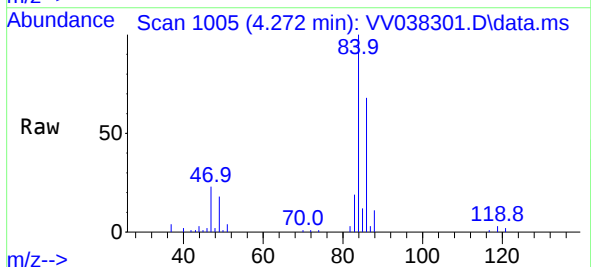


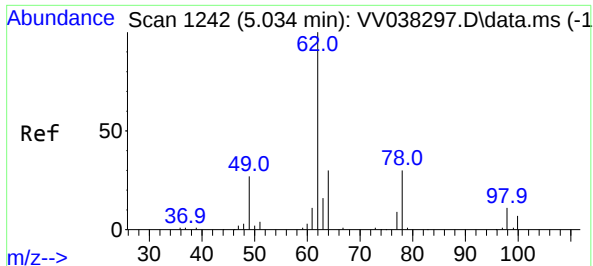
Tgt Ion: 96 Resp: 3107
Ion Ratio Lower Upper
96 100
61 126.3 82.7 153.5
98 51.2 46.3 85.9



#25
Chloroform
Concen: 0.275 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion: 83 Resp: 10441
Ion Ratio Lower Upper
83 100
85 59.6 46.5 86.3

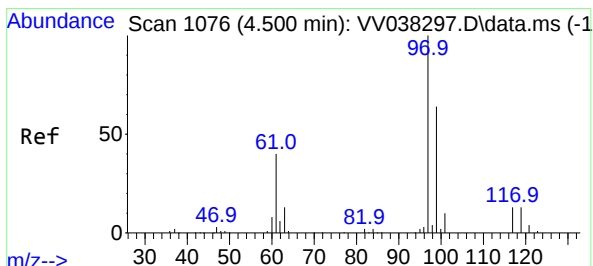
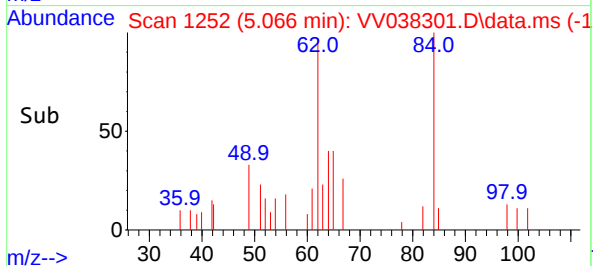
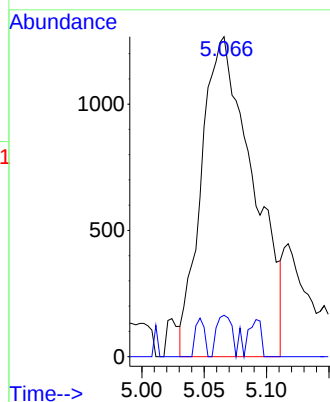
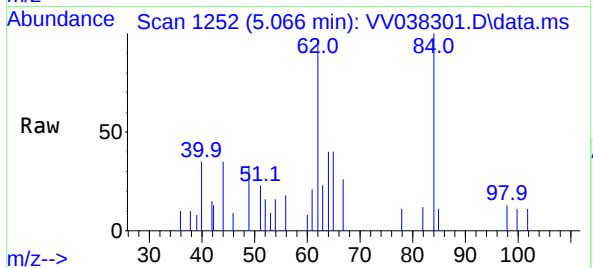




#27
1,2-Dichloroethane
Concen: 0.176 ug/L
RT: 5.066 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

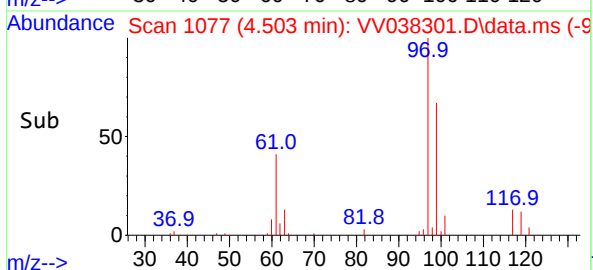
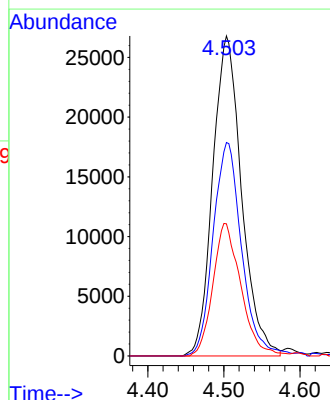
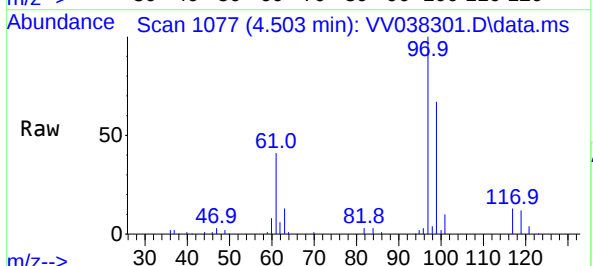
Instrument :
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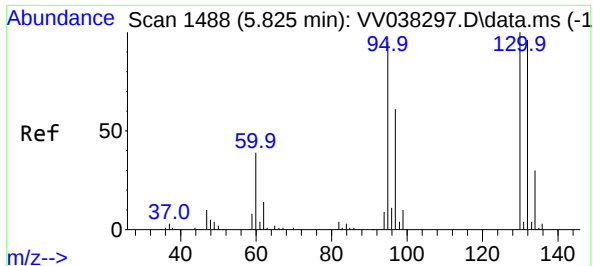
Tgt Ion: 62 Resp: 3634
Ion Ratio Lower Upper
62 100
98 12.9 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 2.094 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion: 97 Resp: 70561
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.8
61 40.2 32.2 48.2



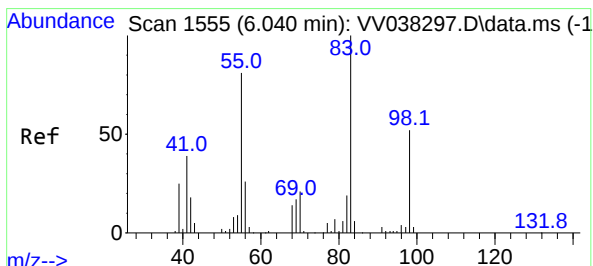
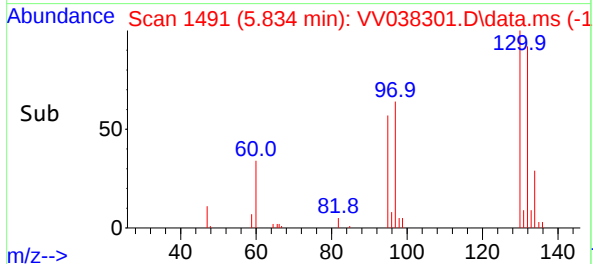
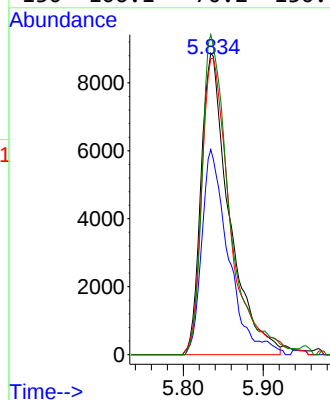
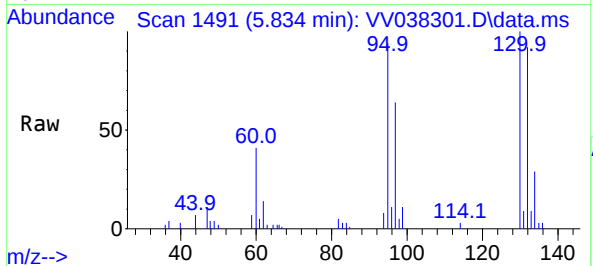


#34
Trichloroethene
Concen: 1.015 ug/L
RT: 5.834 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 21832

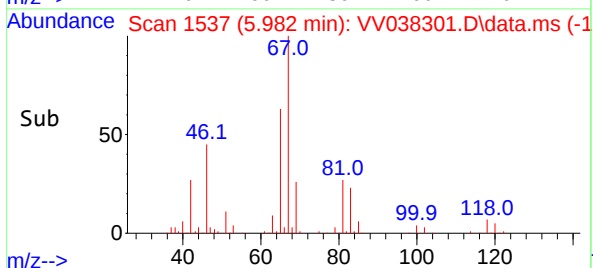
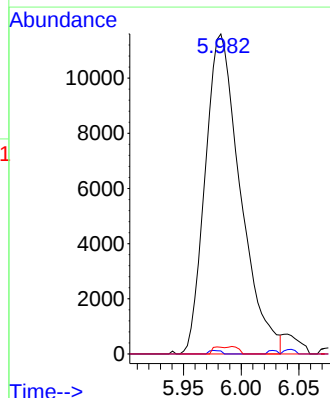
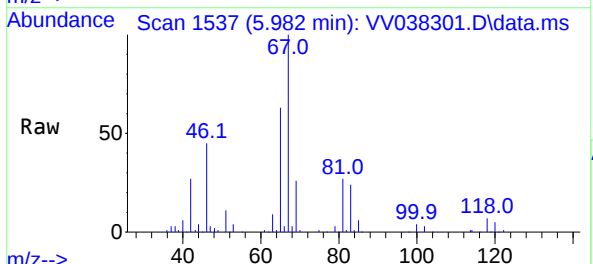
Ion	Ratio	Lower	Upper
95	100		
97	68.0	44.8	83.2
132	98.1	68.3	126.8
130	106.1	70.2	130.4

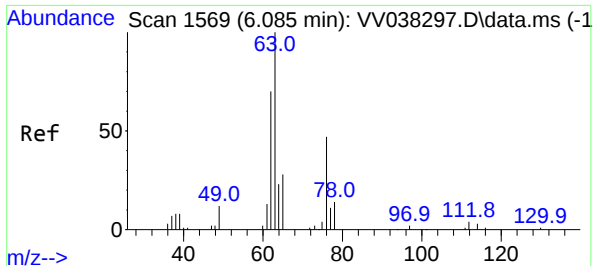


#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion: 83 Resp: 24584

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.7	89.5#
98	0.8	39.0	58.4#

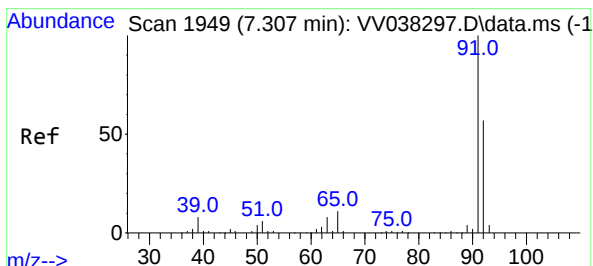
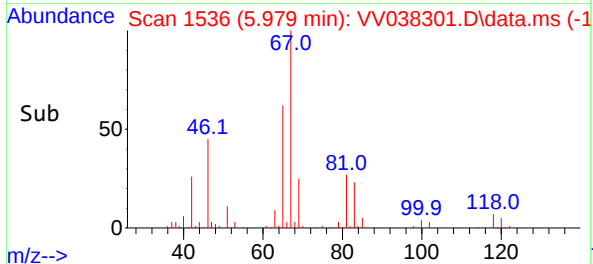
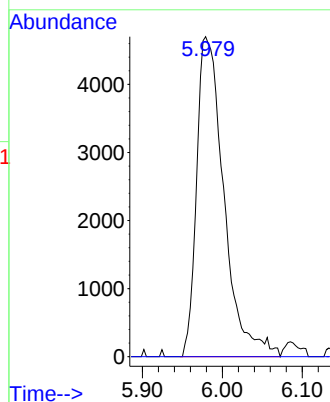
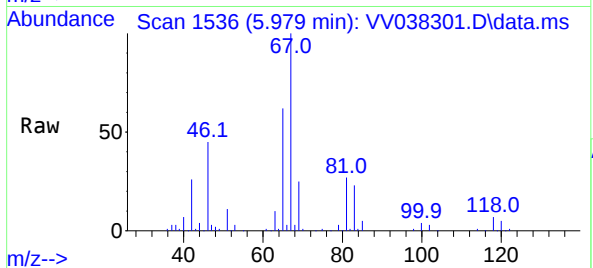




#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 5.979 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

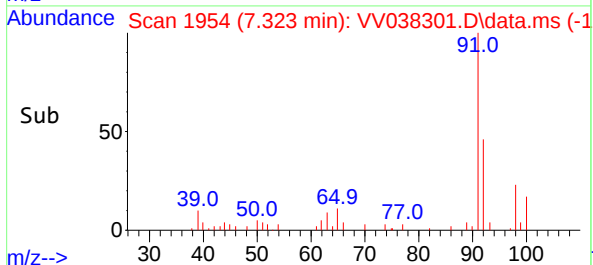
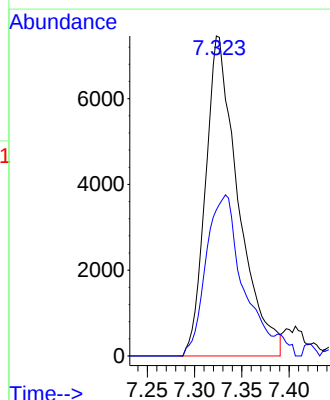
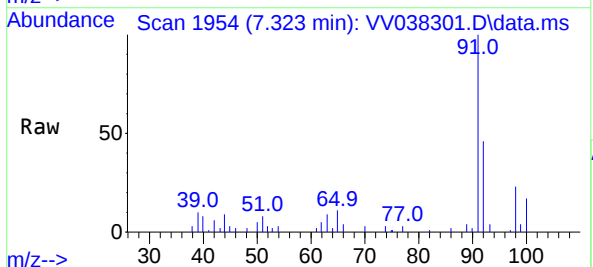
Instrument :
MSVOA_V
ClientSampleId :

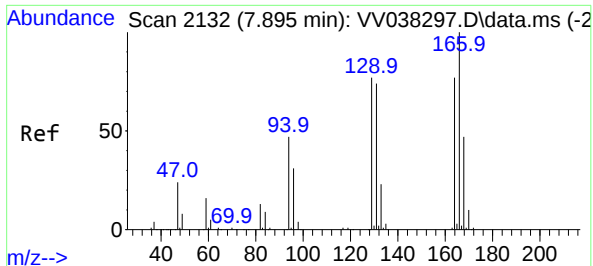
Tgt Ion: 63 Resp: 11135
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



#42
Toluene
Concen: 0.215 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

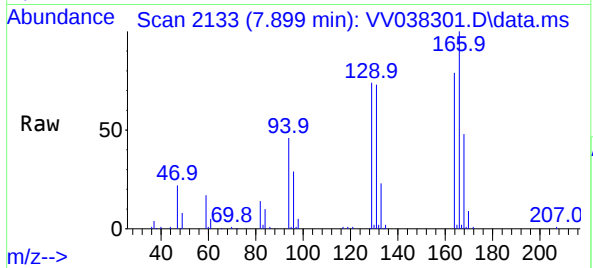
Tgt Ion: 91 Resp: 17944
Ion Ratio Lower Upper
91 100
92 45.6 40.8 75.8



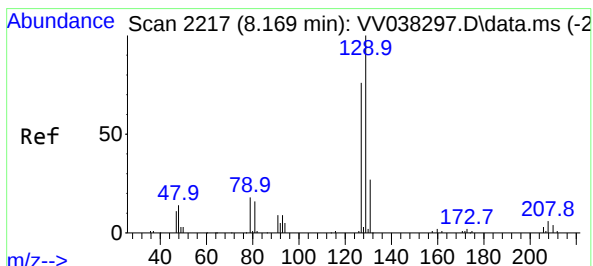
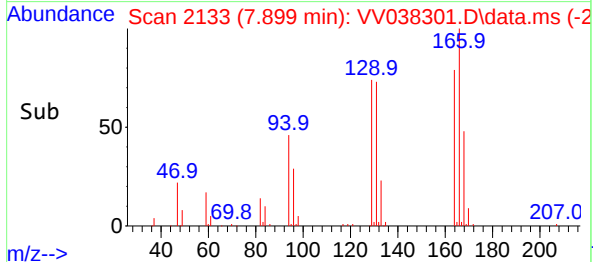
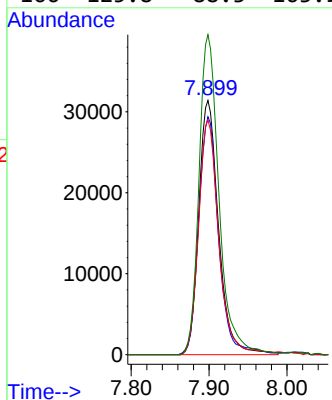


#47
Tetrachloroethene
Concen: 3.222 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Instrument :
MSVOA_V
ClientSampleId :

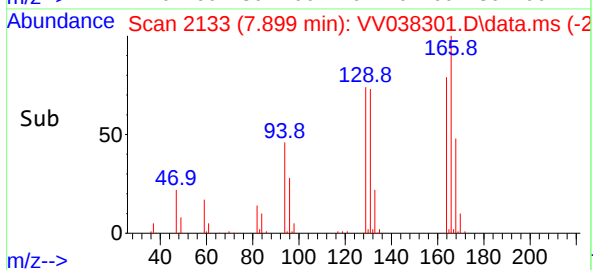
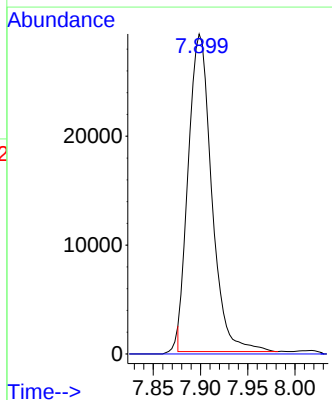
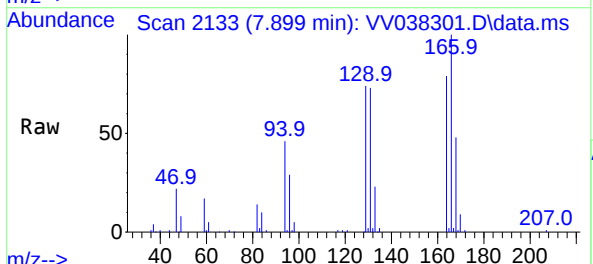


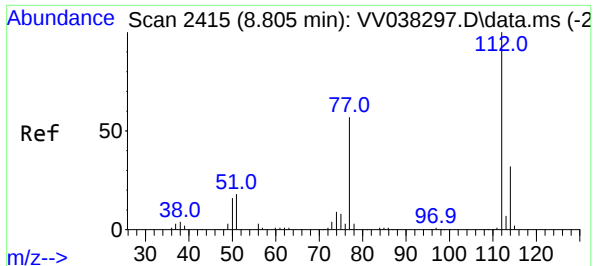
Tgt Ion:164 Resp: 55698
Ion Ratio Lower Upper
164 100
129 93.6 68.5 127.1
131 92.3 64.8 120.4
166 125.8 88.3 163.9



#49
Dibromochloromethane
Concen: 2.864 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion:129 Resp: 50055
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



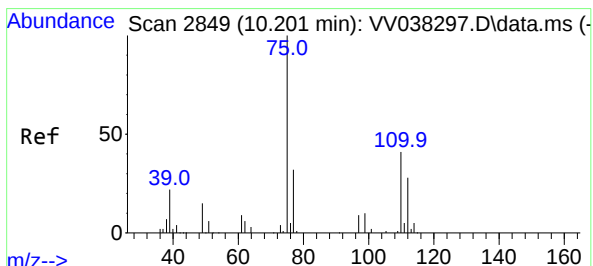
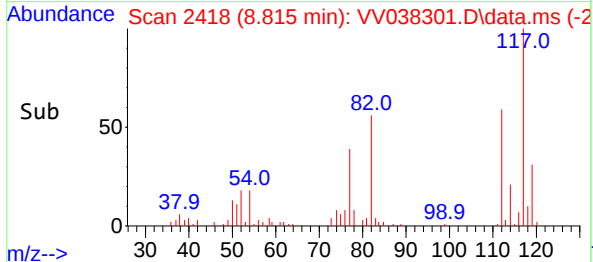
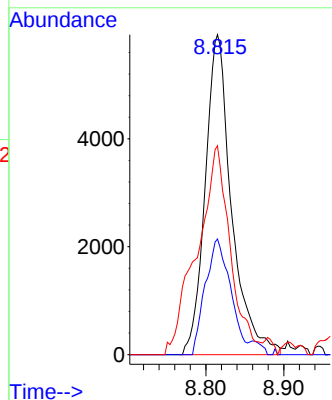
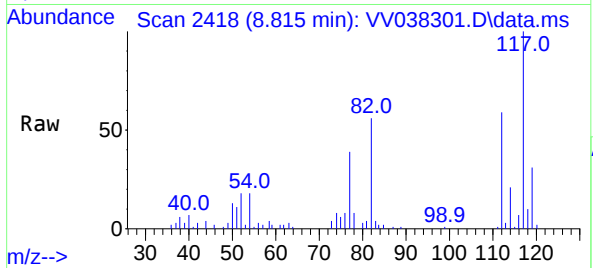


#51
Chlorobenzene
Concen: 0.242 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 13947

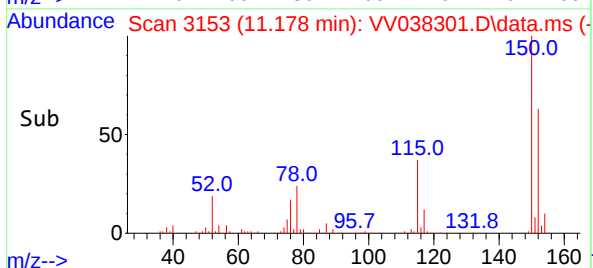
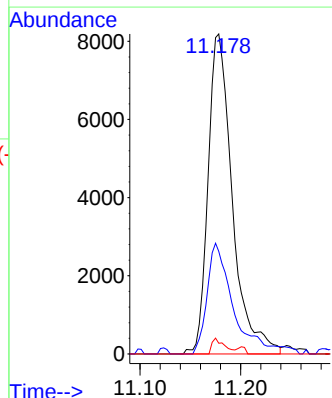
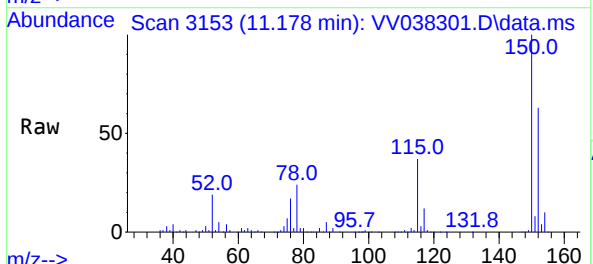
Ion	Ratio	Lower	Upper
112	100		
114	36.1	22.0	40.8
77	65.3	45.0	67.4

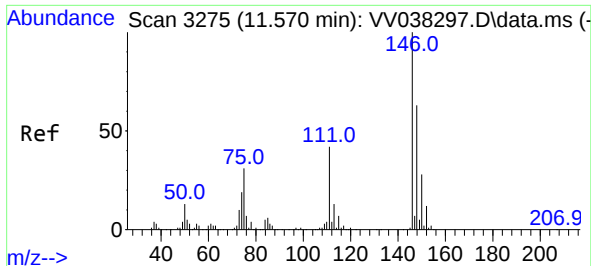


#61
1,2,3-Trichloropropane
Concen: 1.349 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion: 75 Resp: 13742

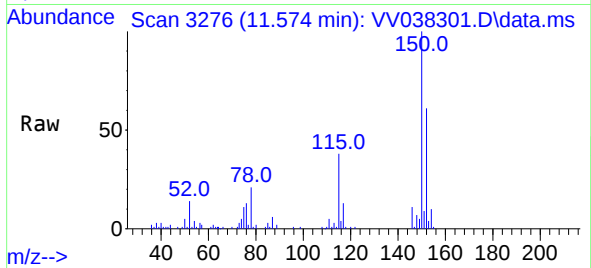
Ion	Ratio	Lower	Upper
75	100		
77	37.9	26.4	39.6
110	2.6	32.3	48.5#





#67
1,2-Dichlorobenzene
Concen: 0.148 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	146	Resp:	5029
Ion	Ratio	Lower	Upper
146	100		
111	48.8	34.2	51.2
148	66.6	51.0	76.4

