

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038309.D
 Acq On : 23 Nov 2024 19:37
 Operator : SY/MD
 Sample : P4884-01DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:02:20 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	5.526	114	203518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	212356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	94046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	55898	3.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.506	69	32261	2.557	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.200%#
11) 1,1-Dichloroethene-d2	2.043	65	25527	3.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.789	46	175337	56.187	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.236	84	153522	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.934	65	76117	5.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	4.950	84	264377	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.982	67	89395	5.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.236	98	205781	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.558	79	31637	5.039	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.024	63	144284	59.114	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.220%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	82227	5.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	90000	5.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.690	101	359203	13.434	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	5785	0.379	ug/L	95
12) 1,1-Dichloroethene	2.053	96	4897	0.337	ug/L #	1
13) Acetone	1.921	43	67856	29.401	ug/L	41
16) Methylene chloride	2.436	84	20668	1.247	ug/L	88
17) Methyl tert-butyl Ether	2.699	73	44781	1.363	ug/L	97
19) 1,1-Dichloroethane	3.098	63	35561	1.279	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	4065	0.257	ug/L	92
29) 1,1,1-Trichloroethane	4.503	97	16672	0.655	ug/L	97
34) Trichloroethene	5.841	95	15516	0.954	ug/L	99
35) Methylcyclohexane	5.979	83	21633	0.940	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	9906	0.663	ug/L #	87
42) Toluene	7.326	91	11383	0.180	ug/L	84
47) Tetrachloroethene	7.898	164	26414	2.022	ug/L	98
49) Dibromochloromethane	7.898	129	26500	2.006	ug/L #	11
51) Chlorobenzene	8.808	112	7977	0.183	ug/L	97
53) m,p-Xylene	9.082	106	2033	0.080	ug/L	91
61) 1,2,3-Trichloropropane	11.181	75	9784	1.215	ug/L #	64

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

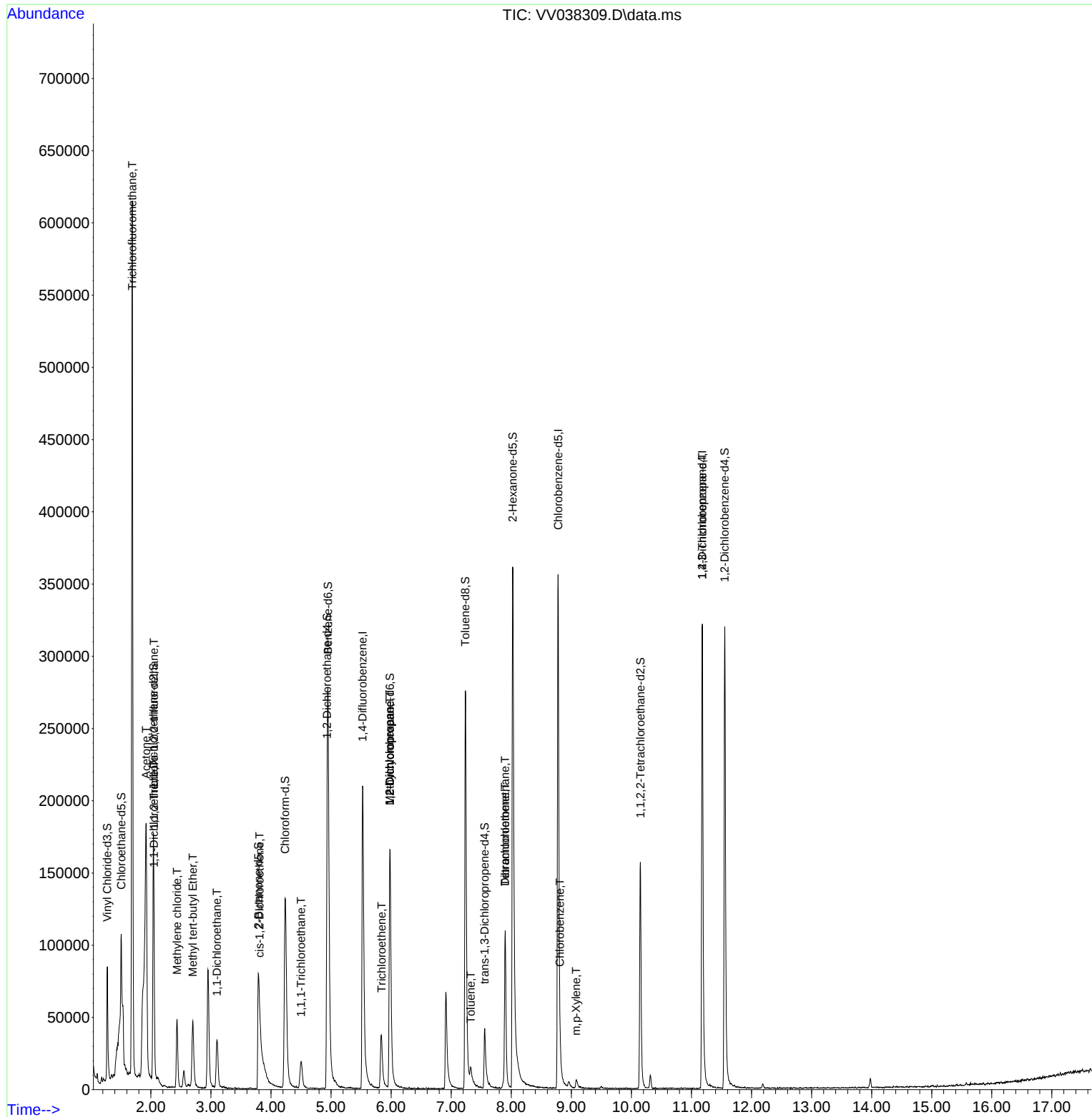
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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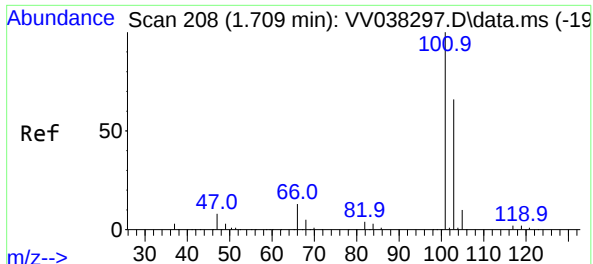
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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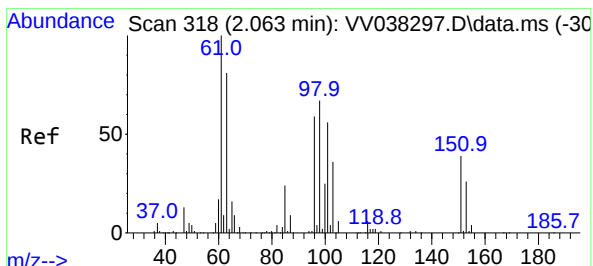
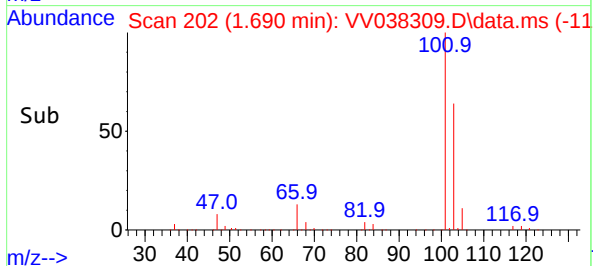
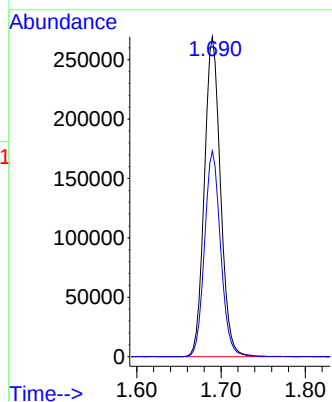
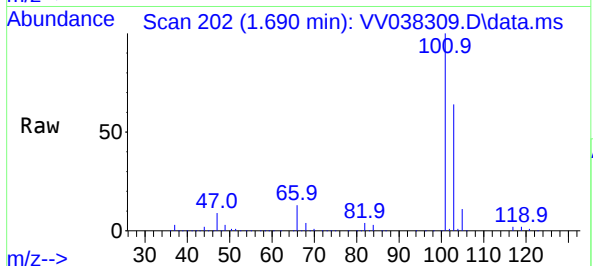




#9
Trichlorofluoromethane
Concen: 13.434 ug/L
RT: 1.690 min Scan# 208
Delta R.T. -0.019 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

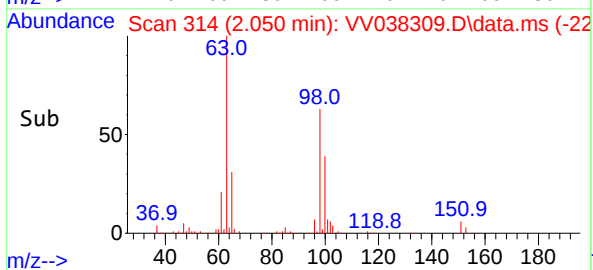
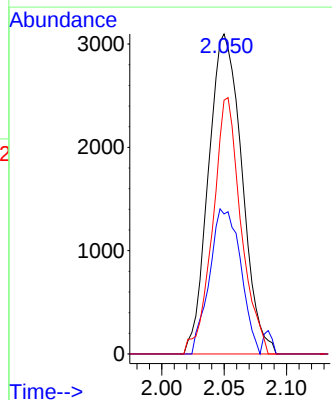
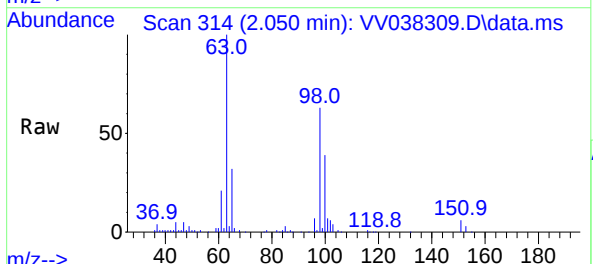
Instrument :
MSVOA_V
ClientSampleId :

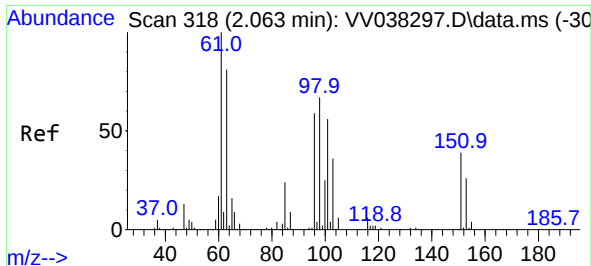
Tgt Ion:101 Resp: 359203
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.379 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.013 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Tgt Ion:101 Resp: 5785
Ion Ratio Lower Upper
101 100
85 42.2 33.4 50.0
151 67.6 58.8 88.2





#12

1,1-Dichloroethene

Concen: 0.337 ug/L

RT: 2.053 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV038309.D

Acq: 23 Nov 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :

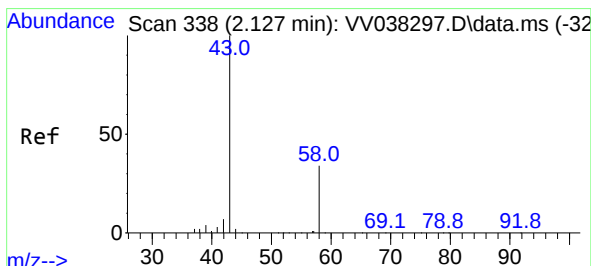
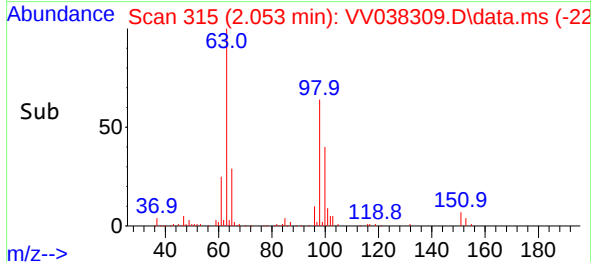
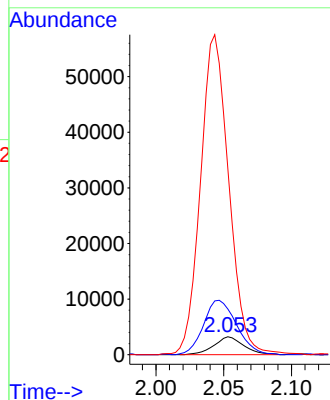
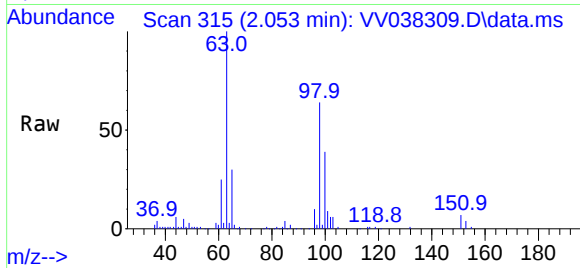
Tgt Ion: 96 Resp: 4897

Ion Ratio Lower Upper

96 100

61 254.6 115.7 214.9#

63 1035.1 101.1 187.7#



#13

Acetone

Concen: 29.401 ug/L

RT: 1.921 min Scan# 274

Delta R.T. -0.199 min

Lab File: VV038309.D

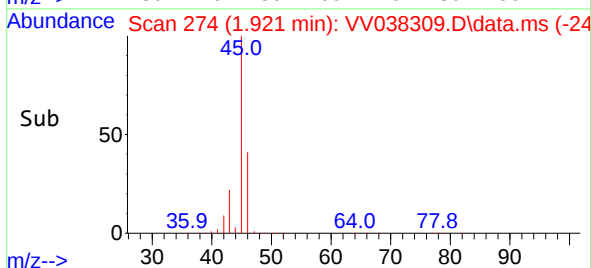
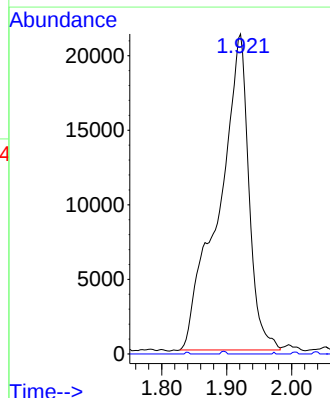
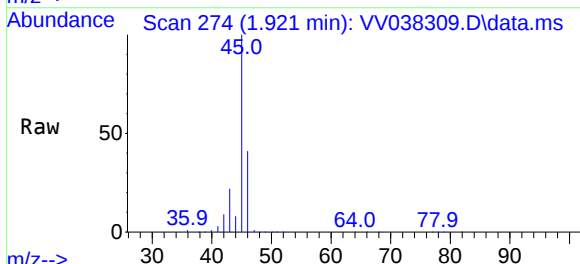
Acq: 23 Nov 2024 19:37

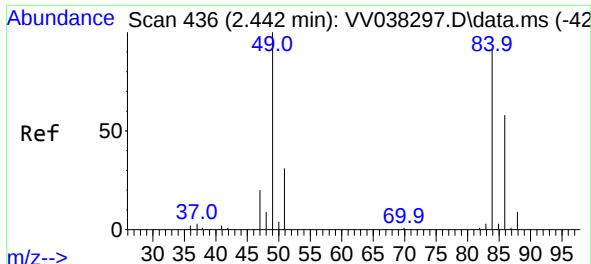
Tgt Ion: 43 Resp: 67856

Ion Ratio Lower Upper

43 100

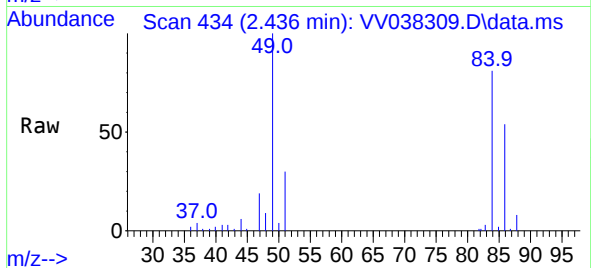
58 0.1 0.0 67.2



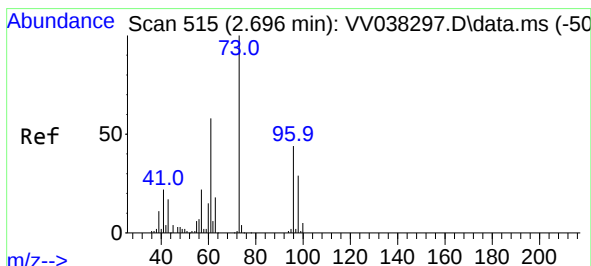
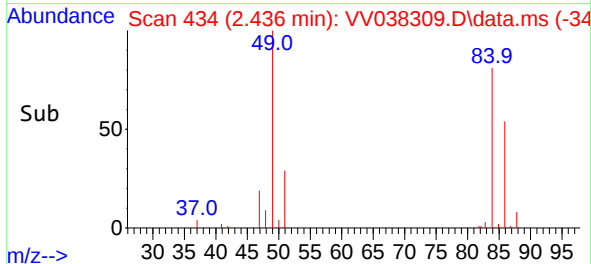
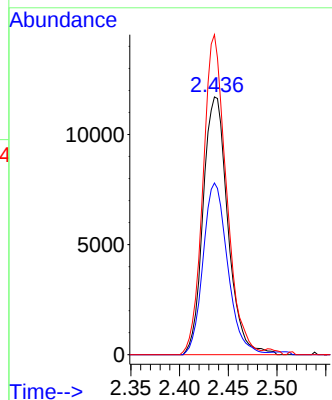


#16
Methylene chloride
Concen: 1.247 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

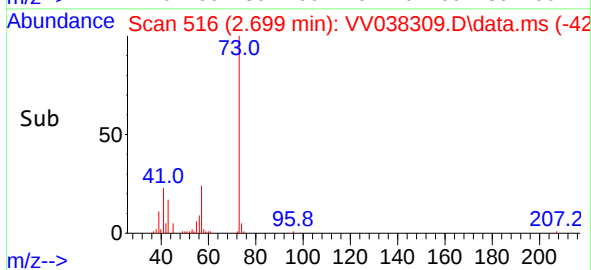
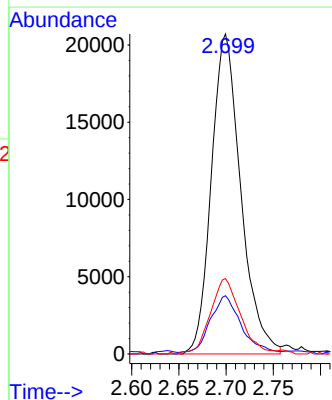
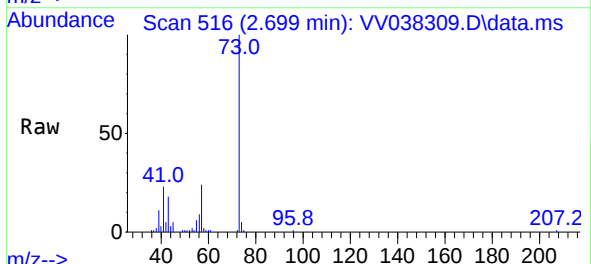


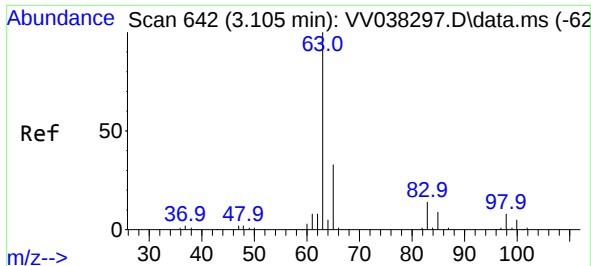
Tgt Ion: 84 Resp: 20668
Ion Ratio Lower Upper
84 100
86 66.6 44.2 82.2
49 124.1 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 1.363 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Tgt Ion: 73 Resp: 44781
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.2
57 24.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 1.279 ug/L

RT: 3.098 min Scan# 64

Delta R.T. -0.006 min

Lab File: VV038309.D

Acq: 23 Nov 2024 19:37

Instrument :

MSVOA_V

ClientSampleId :

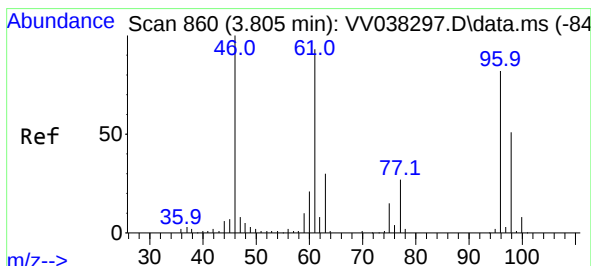
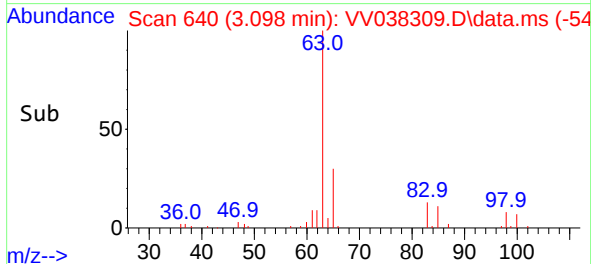
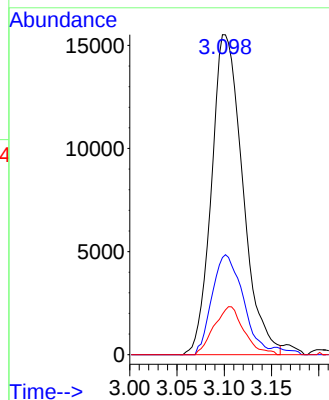
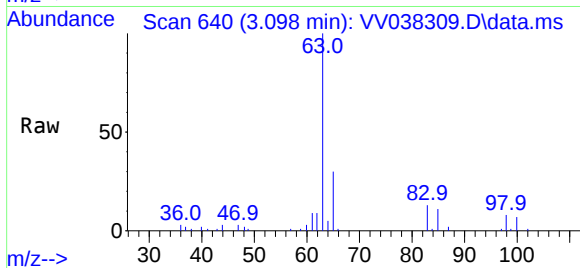
Tgt Ion: 63 Resp: 35561

Ion Ratio Lower Upper

63 100

65 30.3 22.5 41.7

83 12.7 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.257 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV038309.D

Acq: 23 Nov 2024 19:37

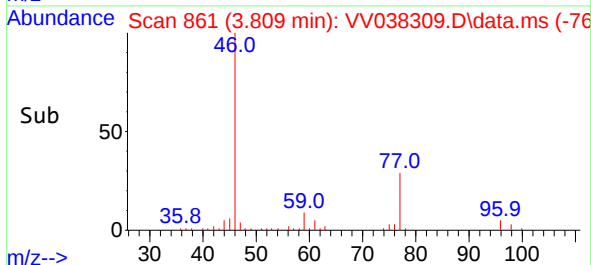
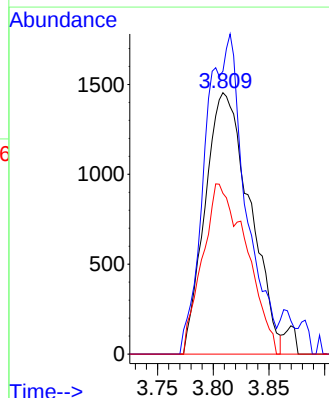
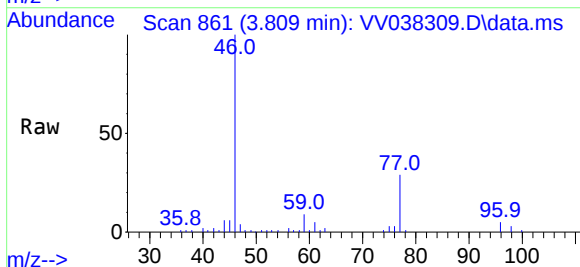
Tgt Ion: 96 Resp: 4065

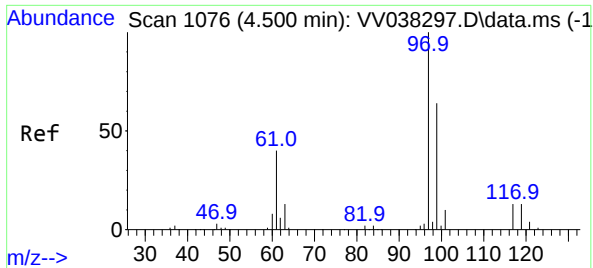
Ion Ratio Lower Upper

96 100

61 108.3 82.7 153.5

98 61.5 46.3 85.9



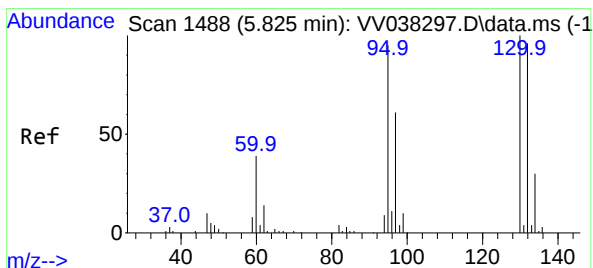
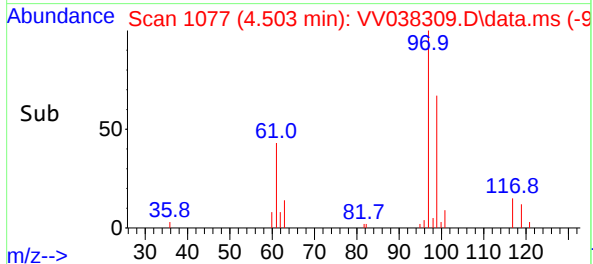
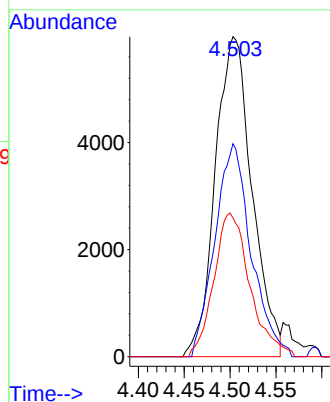
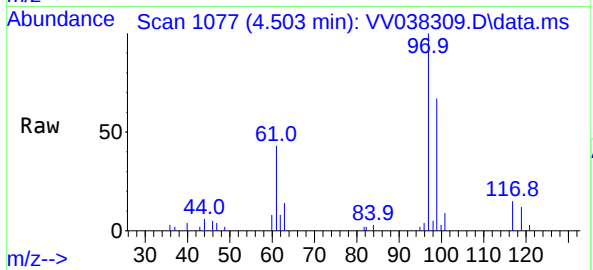


#29
1,1,1-Trichloroethane
Concen: 0.655 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 16672

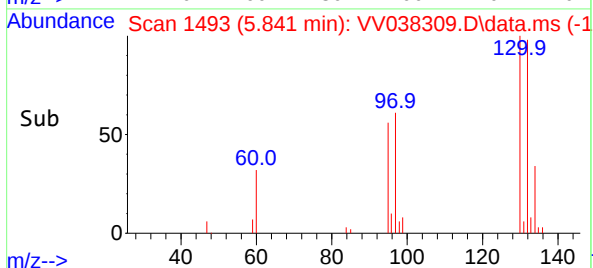
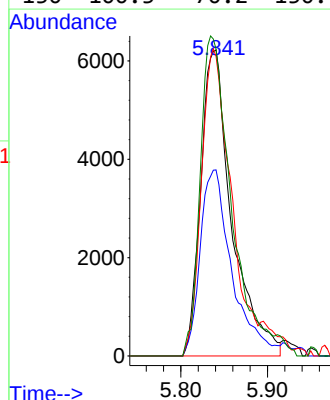
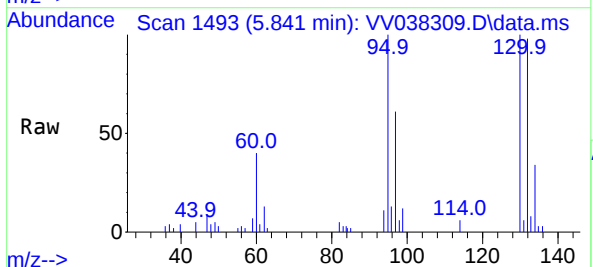
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.8
61	44.1	32.2	48.2

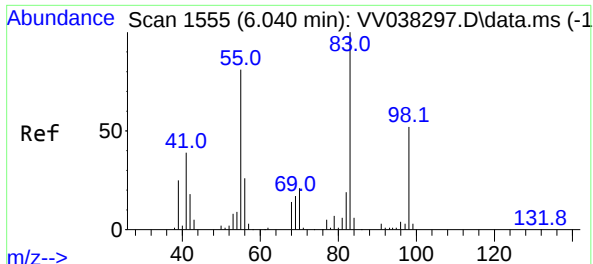


#34
Trichloroethene
Concen: 0.954 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Tgt Ion: 95 Resp: 15516

Ion	Ratio	Lower	Upper
95	100		
97	60.8	44.8	83.2
132	97.9	68.3	126.8
130	100.3	70.2	130.4

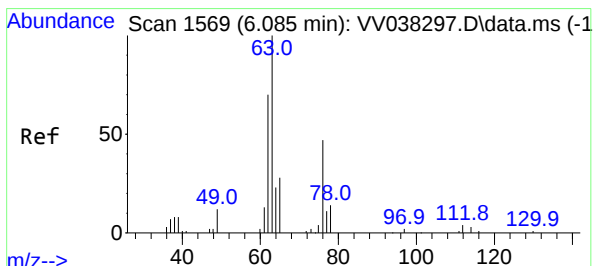
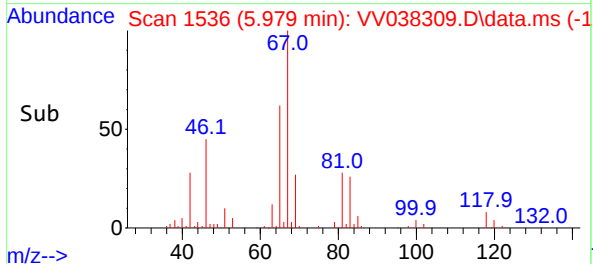
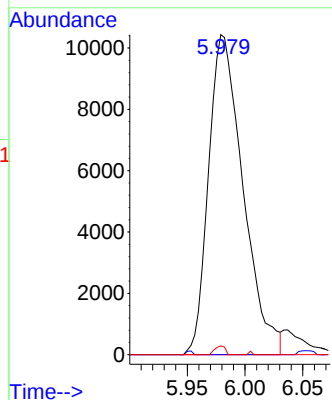
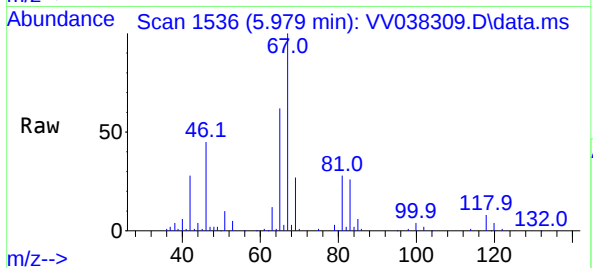




#35
Methylcyclohexane
Concen: 0.940 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

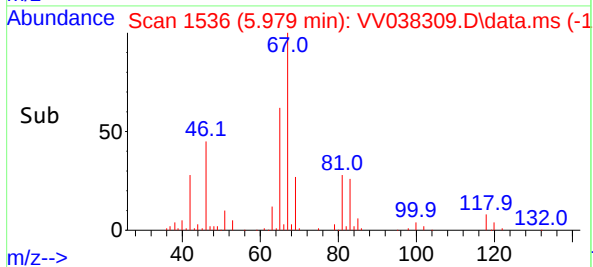
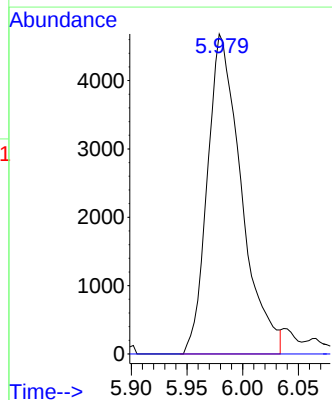
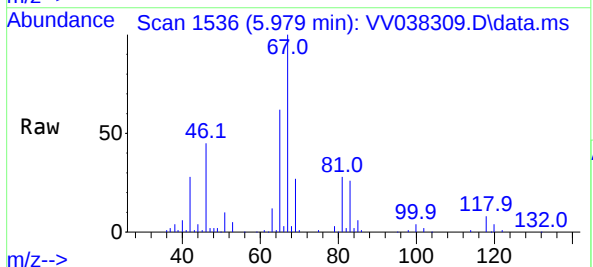
Instrument :
MSVOA_V
ClientSampleId :

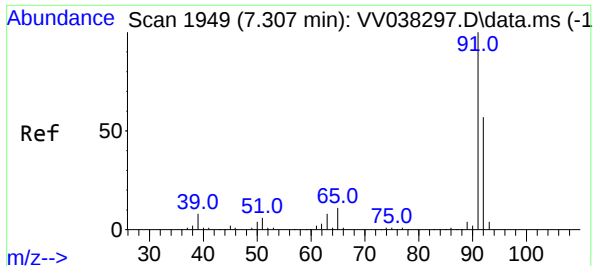
Tgt Ion: 83 Resp: 21633
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.8 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.106 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Tgt Ion: 63 Resp: 9906
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#

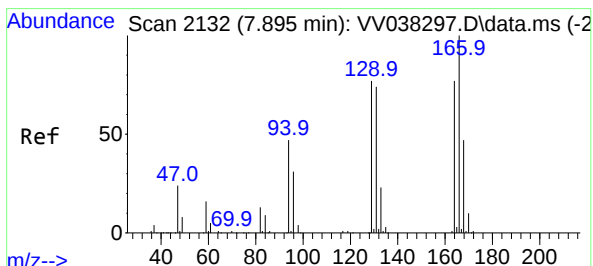
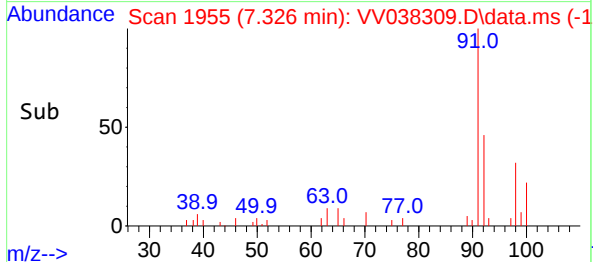
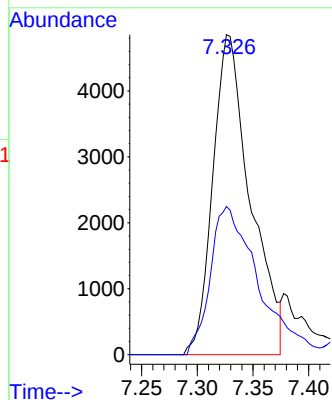
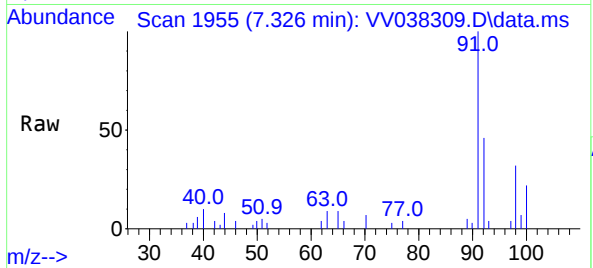




#42
Toluene
Concen: 0.180 ug/L
RT: 7.326 min Scan# 1949
Delta R.T. 0.019 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

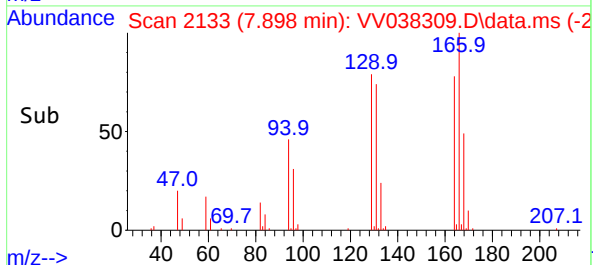
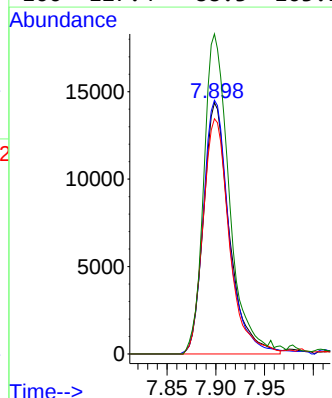
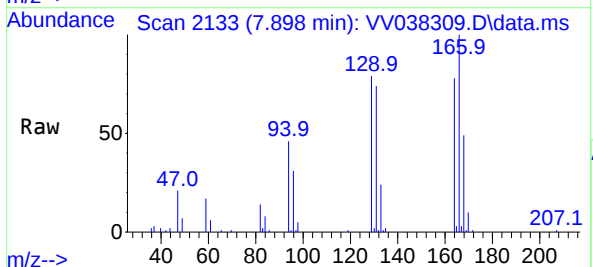
Instrument :
MSVOA_V
ClientSampleId :

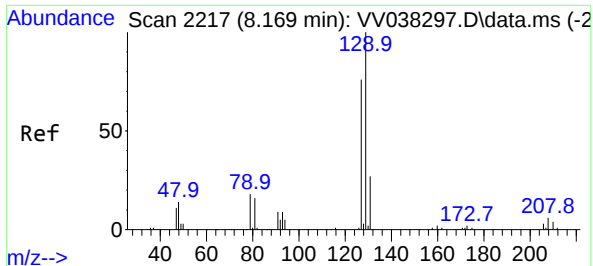
Tgt Ion: 91 Resp: 11383
Ion Ratio Lower Upper
91 100
92 46.3 40.8 75.8



#47
Tetrachloroethene
Concen: 2.022 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Tgt Ion: 164 Resp: 26414
Ion Ratio Lower Upper
164 100
129 101.0 68.5 127.1
131 93.7 64.8 120.4
166 127.4 88.3 163.9





#49

Dibromochloromethane

Concen: 2.006 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038309.D

Acq: 23 Nov 2024 19:37

Instrument :

MSVOA_V

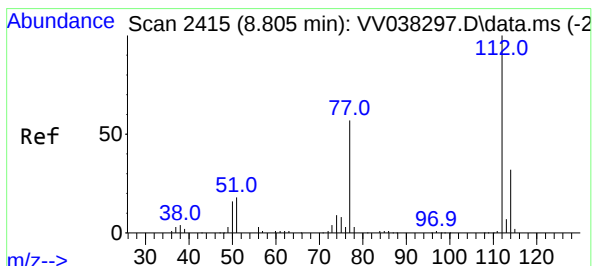
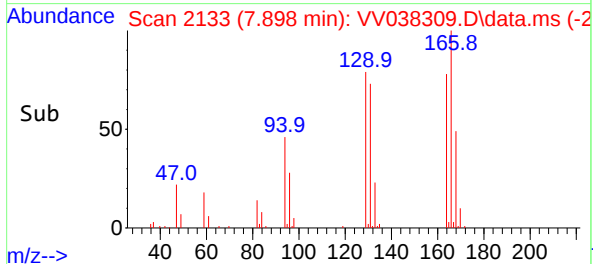
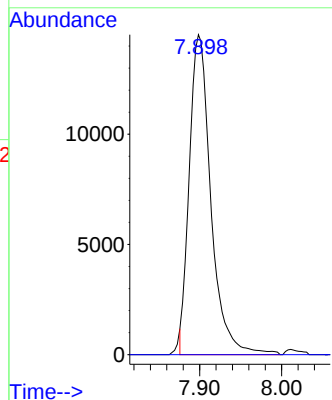
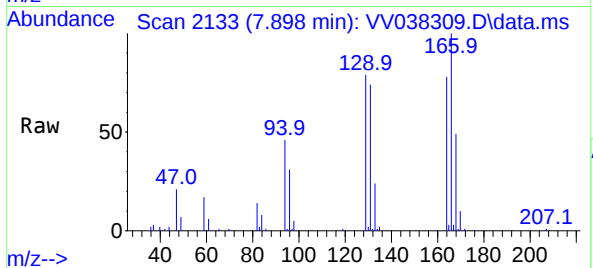
ClientSampleId :

Tgt Ion:129 Resp: 26500

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.183 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV038309.D

Acq: 23 Nov 2024 19:37

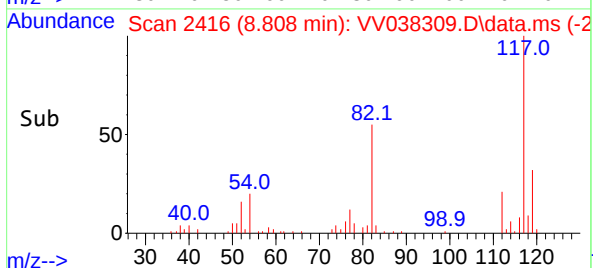
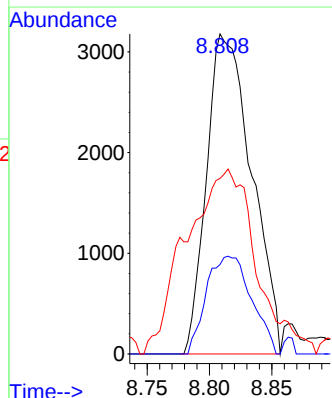
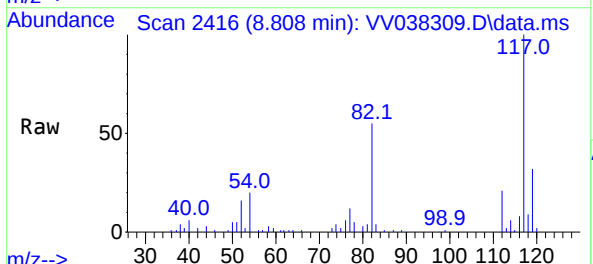
Tgt Ion:112 Resp: 7977

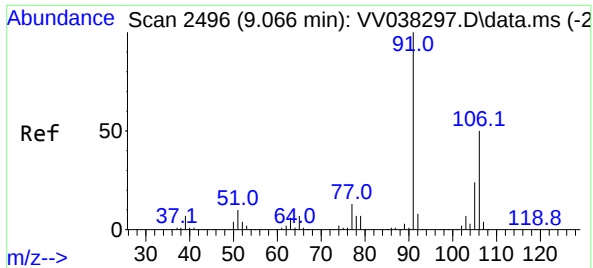
Ion Ratio Lower Upper

112 100

114 27.9 22.0 40.8

77 54.8 45.0 67.4

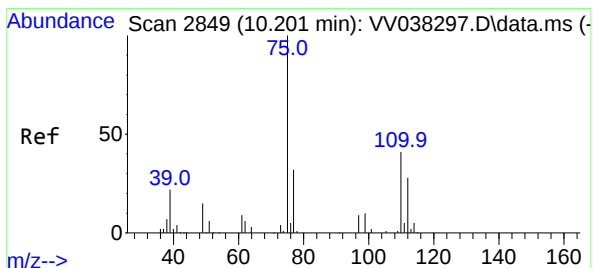
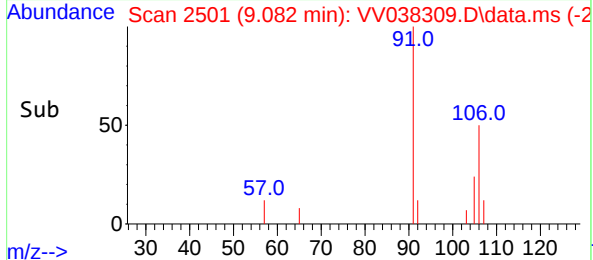
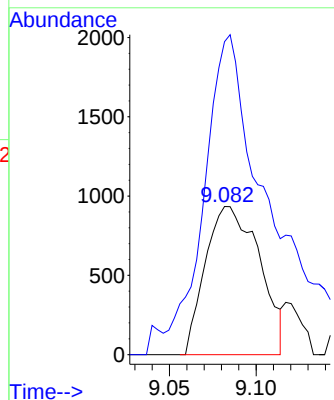
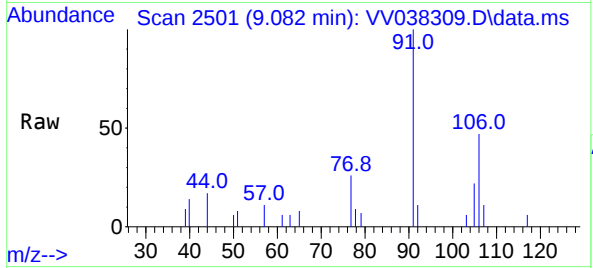




#53
m,p-Xylene
Concen: 0.080 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2033
Ion Ratio Lower Upper
106 100
91 211.3 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV038309.D
Acq: 23 Nov 2024 19:37

Tgt Ion: 75 Resp: 9784
Ion Ratio Lower Upper
75 100
77 35.5 26.4 39.6
110 2.3 32.3 48.5#

