

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038232.D
 Acq On : 21 Nov 2024 11:33
 Operator : SY/MD
 Sample : P4883-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	245379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	267877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	113672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72577	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.529	69	72051	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.053	65	33223	4.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.783	46	193942	51.547	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.100%
24) Chloroform-d	4.243	84	169279	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	85196	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.953	84	298619	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.982	67	95246	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.239	98	232092	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.558	79	30096	3.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.018	63	157474	51.146	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87118	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	99607	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5278	0.287	ug/L	89
13) Acetone	1.844	43	1216472	437.158	ug/L	41
16) Methylene chloride	2.442	84	32496	1.626	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	35537	1.106	ug/L	98
31) Carbon tetrachloride	4.503	117	4459	0.157	ug/L	99
34) Trichloroethene	5.841	95	9690	0.472	ug/L	95
35) Methylcyclohexane	5.986	83	24963	0.860	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	10584	0.562	ug/L #	86
42) Toluene	7.320	91	27279	0.342	ug/L	93
47) Tetrachloroethene	7.902	164	37752	2.290	ug/L	93
48) 2-Hexanone	8.018	43	18938	2.647	ug/L #	71
49) Dibromochloromethane	7.899	129	32455	1.947	ug/L #	11
51) Chlorobenzene	8.815	112	16387	0.298	ug/L	95
52) Ethylbenzene	8.953	91	8350	0.099	ug/L	98
53) m,p-Xylene	9.075	106	6317	0.198	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.175	83	2788	0.156	ug/L	87
61) 1,2,3-Trichloropropane	11.178	75	11759	1.208	ug/L #	66
67) 1,2-Dichlorobenzene	11.577	146	7122	0.219	ug/L	88

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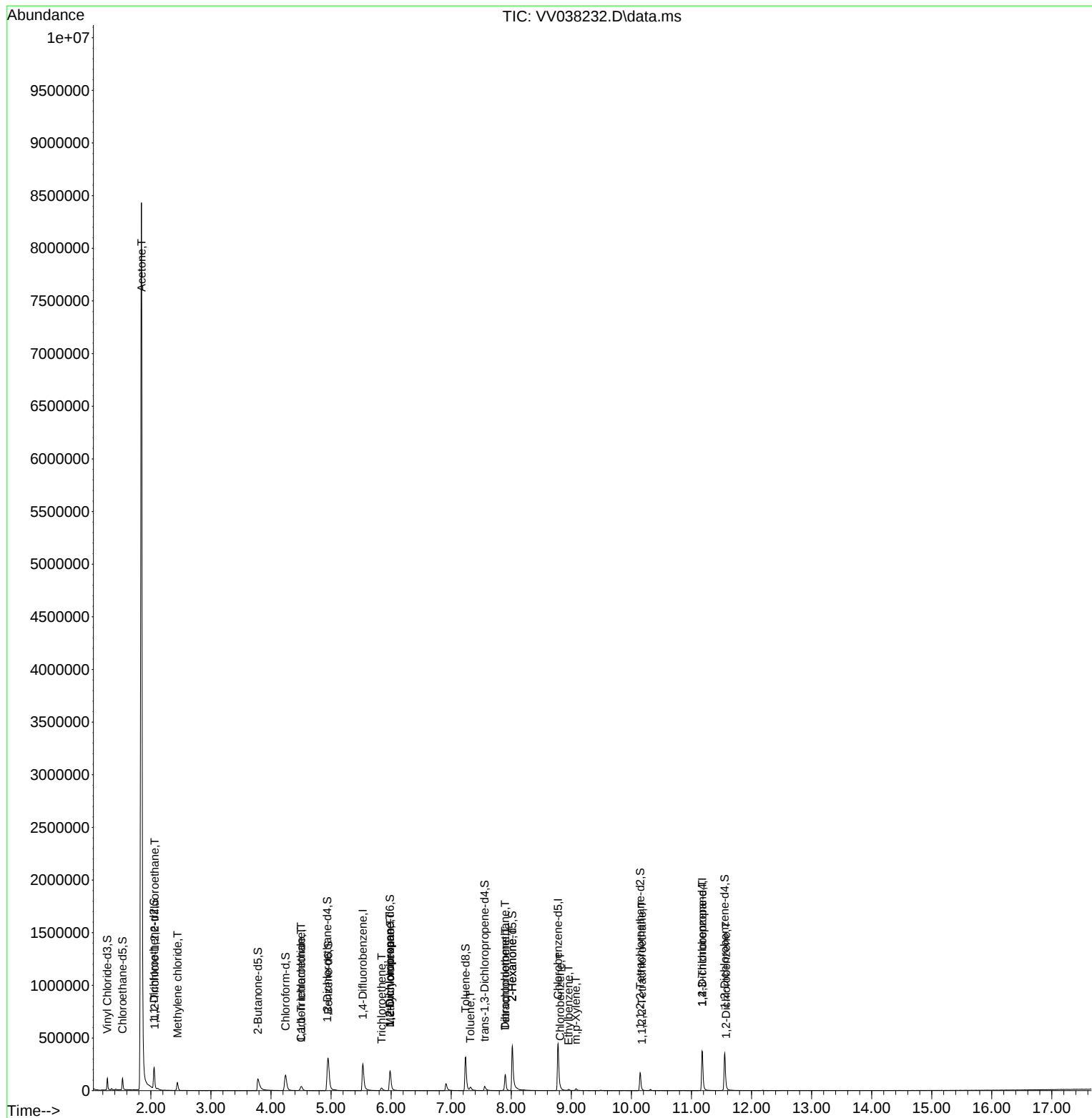
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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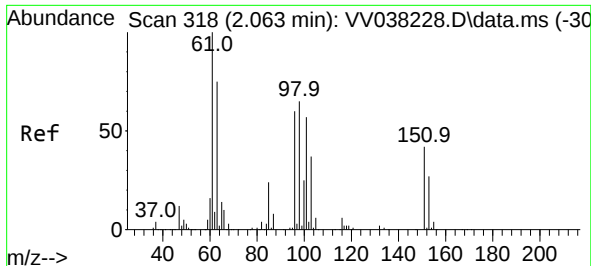
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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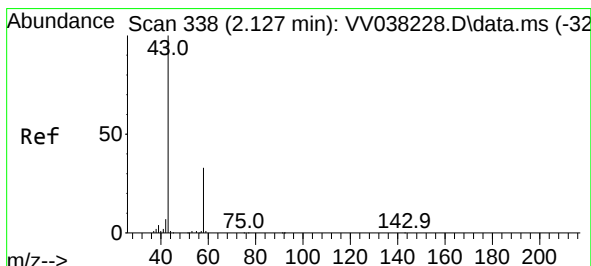
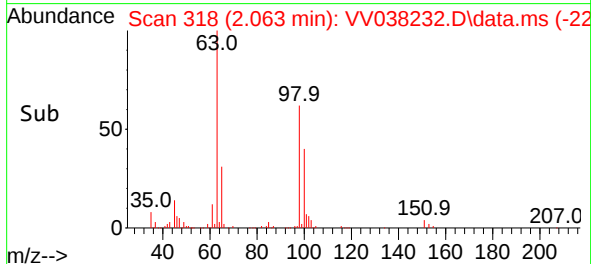
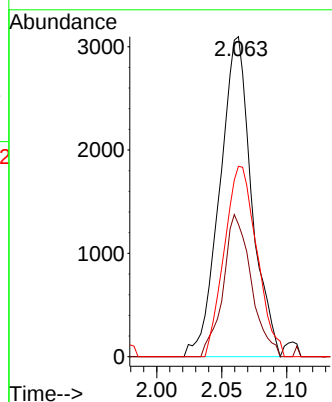
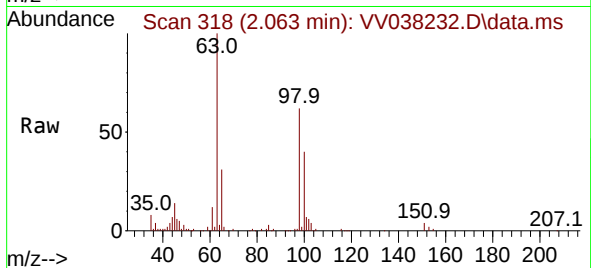




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.287 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

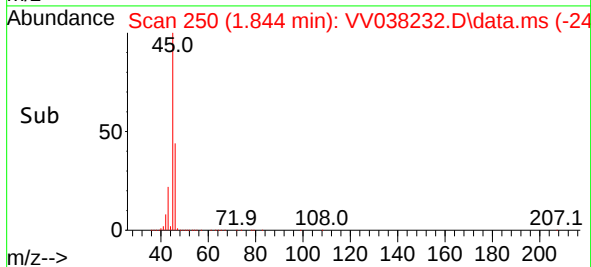
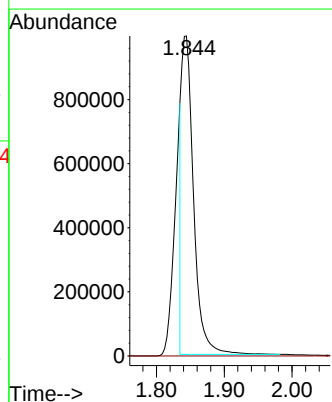
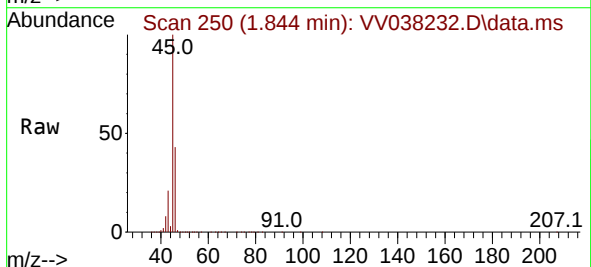
Instrument :
MSVOA_V
ClientSampleId :

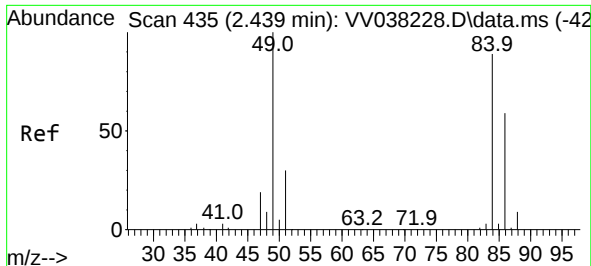
Tgt Ion:101 Resp: 5278
Ion Ratio Lower Upper
101 100
85 39.1 33.4 50.0
151 60.8 58.8 88.2



#13
Acetone
Concen: 437.158 ug/L
RT: 1.844 min Scan# 250
Delta R.T. -0.283 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

Tgt Ion: 43 Resp: 1216472
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2

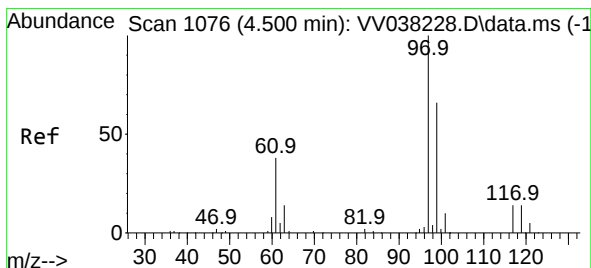
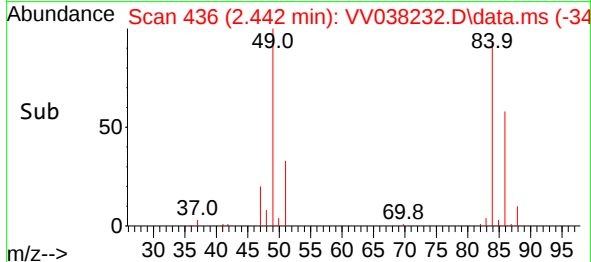
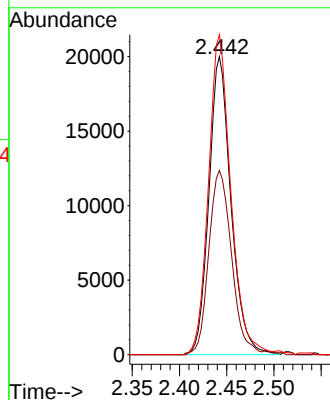
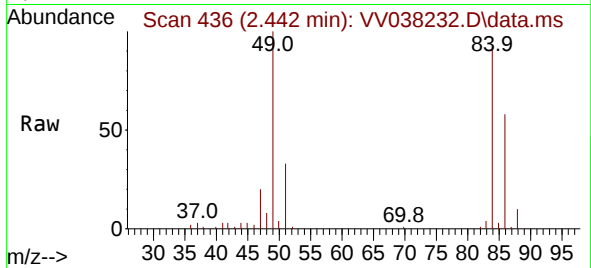




#16
Methylene chloride
Concen: 1.626 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

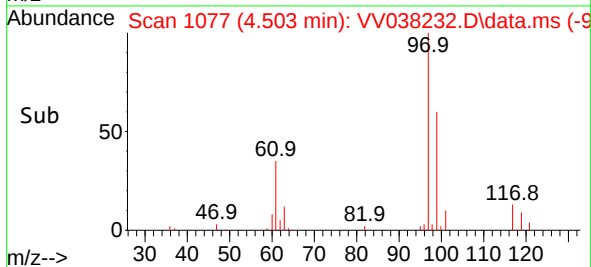
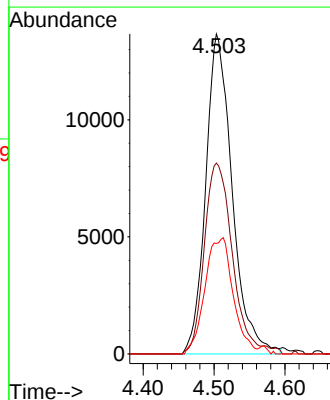
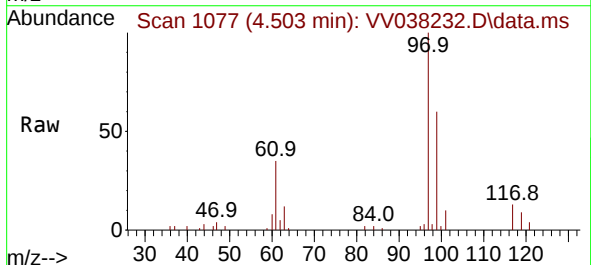
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MSVOA_V
ClientSampleId :

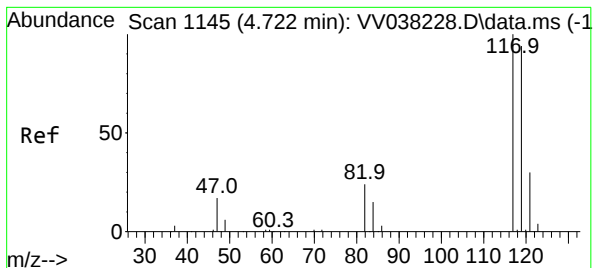
Tgt Ion: 84 Resp: 32496
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.2
49 107.3 74.9 139.1



#29
1,1,1-Trichloroethane
Concen: 1.106 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

Tgt Ion: 97 Resp: 35537
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.8
61 38.7 32.2 48.2





#31

Carbon tetrachloride

Concen: 0.157 ug/L

RT: 4.503 min Scan# 1145

Delta R.T. -0.219 min

Lab File: VV038232.D

Acq: 21 Nov 2024 11:33

Instrument :

MSVOA_V

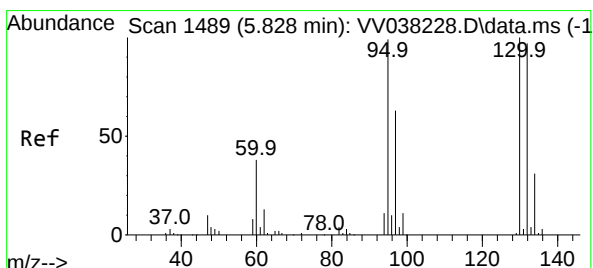
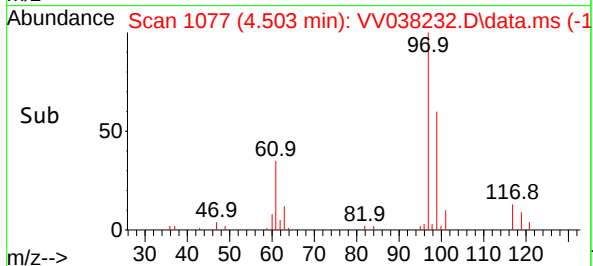
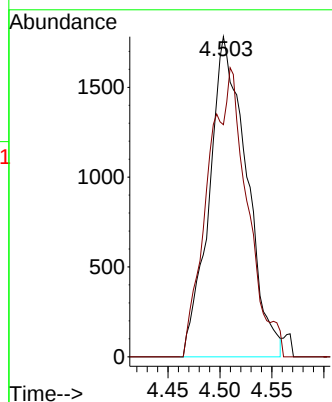
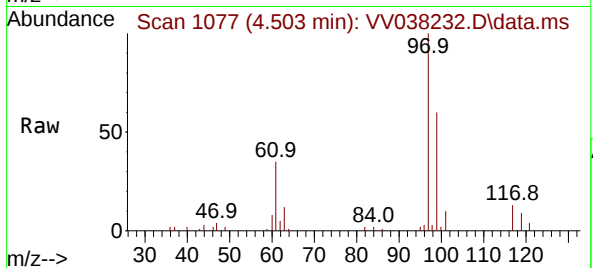
ClientSampleId :

Tgt Ion:117 Resp: 4459

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2



#34

Trichloroethene

Concen: 0.472 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.013 min

Lab File: VV038232.D

Acq: 21 Nov 2024 11:33

Tgt Ion: 95 Resp: 9690

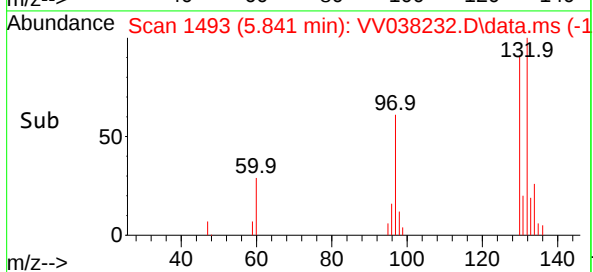
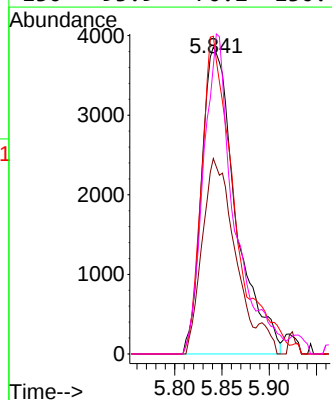
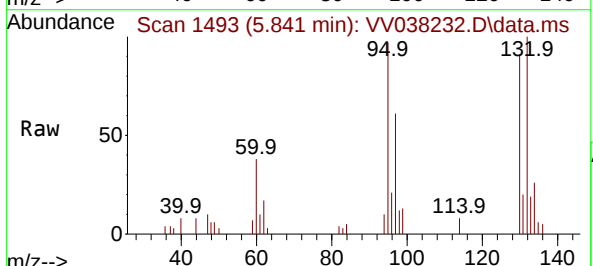
Ion Ratio Lower Upper

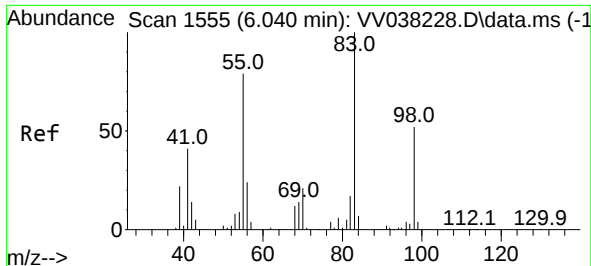
95 100

97 63.6 44.8 83.2

132 103.6 68.3 126.8

130 93.9 70.2 130.4

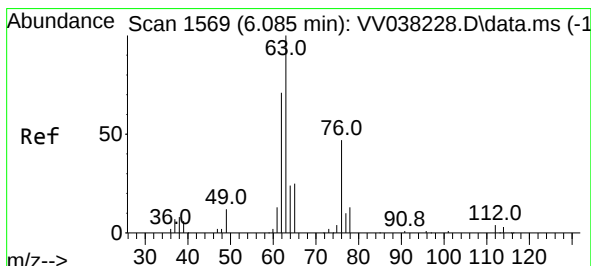
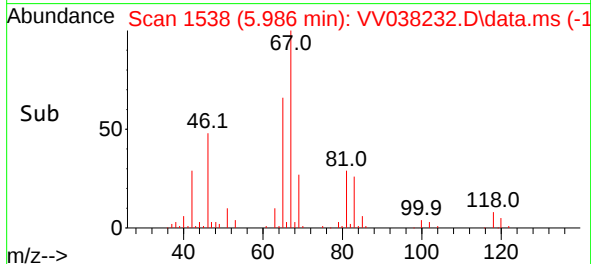
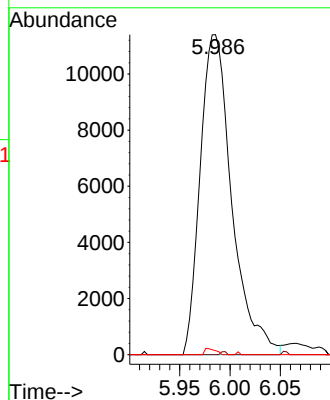
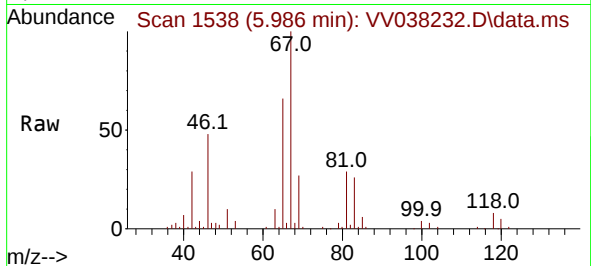




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

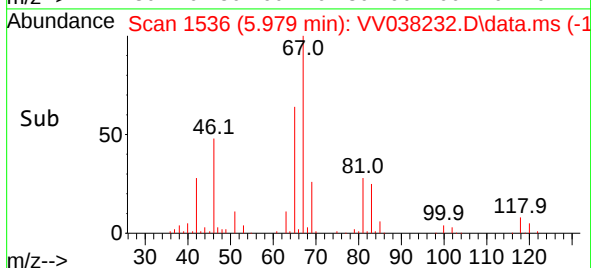
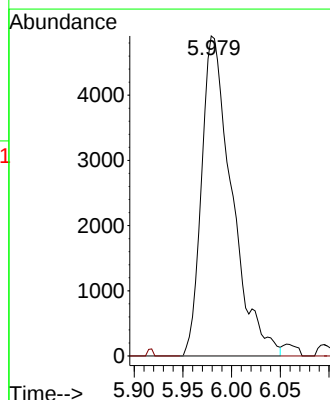
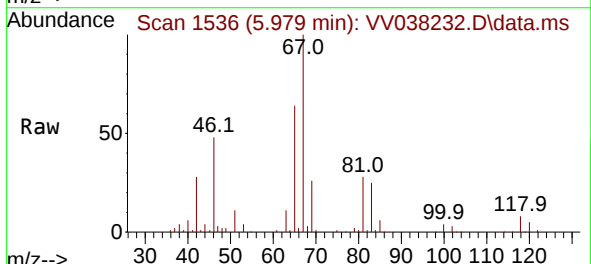
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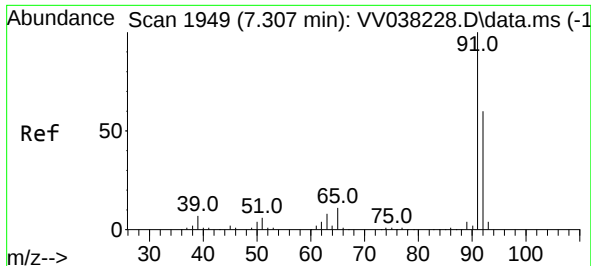
Tgt Ion: 83 Resp: 24963
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.7 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.106 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

Tgt Ion: 63 Resp: 10584
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#

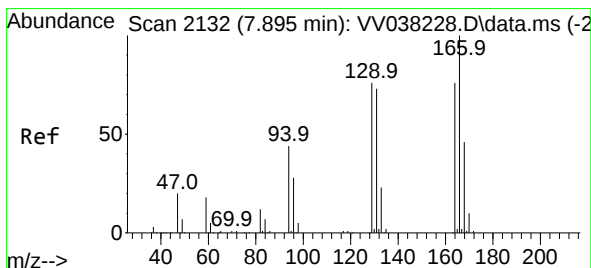
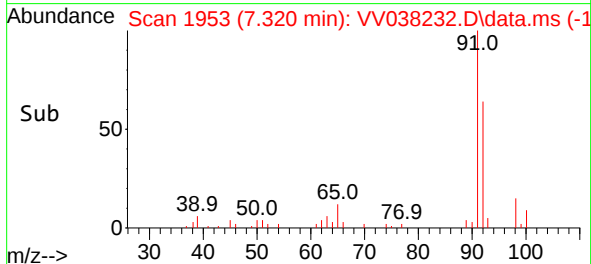
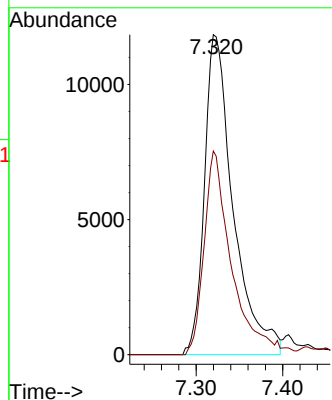
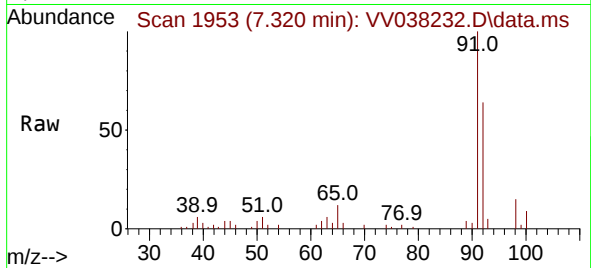




#42
Toluene
Concen: 0.342 ug/L
RT: 7.320 min Scan# 1949
Delta R.T. 0.013 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

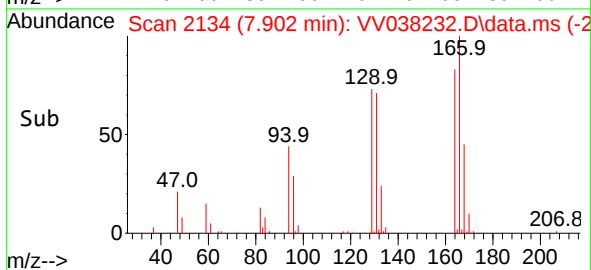
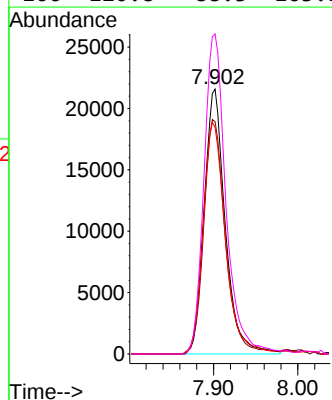
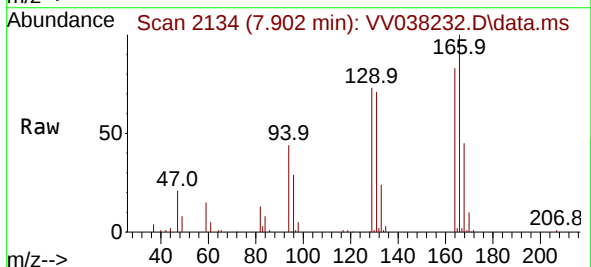
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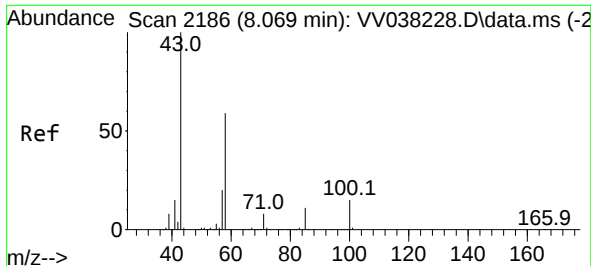
Tgt Ion: 91 Resp: 27279
Ion Ratio Lower Upper
91 100
92 63.6 40.8 75.8



#47
Tetrachloroethene
Concen: 2.290 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038232.D
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Tgt Ion: 164 Resp: 37752
Ion Ratio Lower Upper
164 100
129 87.7 68.5 127.1
131 85.5 64.8 120.4
166 120.8 88.3 163.9

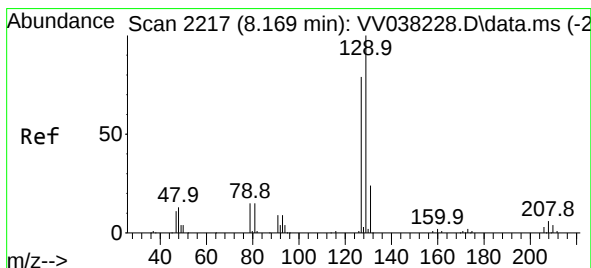
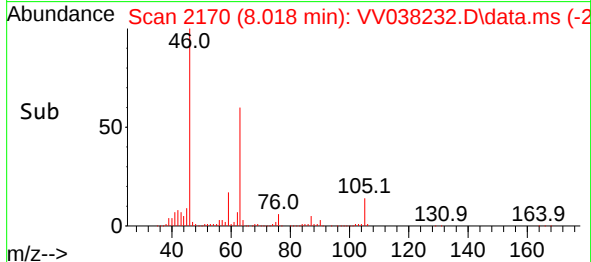
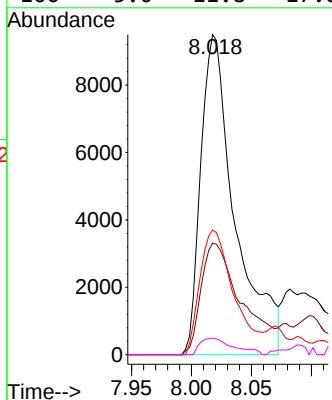
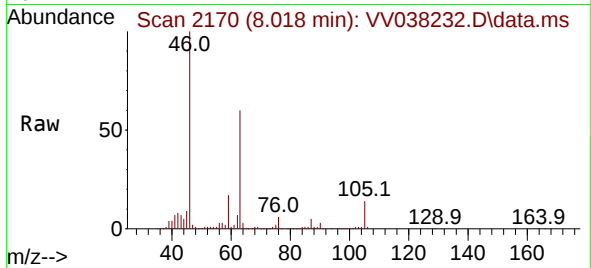




#48
2-Hexanone
Concen: 2.647 ug/L
RT: 8.018 min Scan# 2186
Delta R.T. -0.051 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

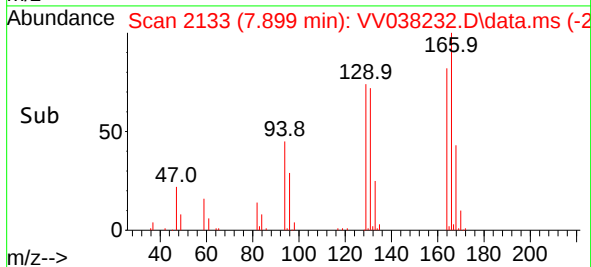
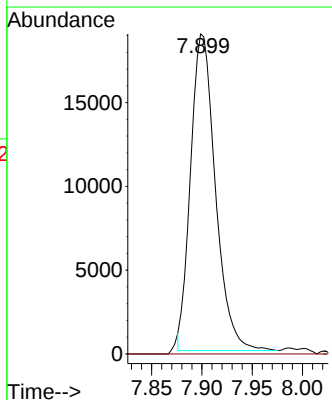
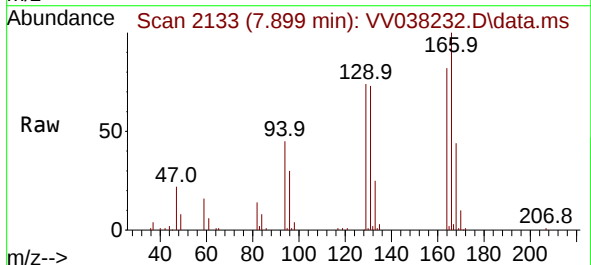
Instrument :
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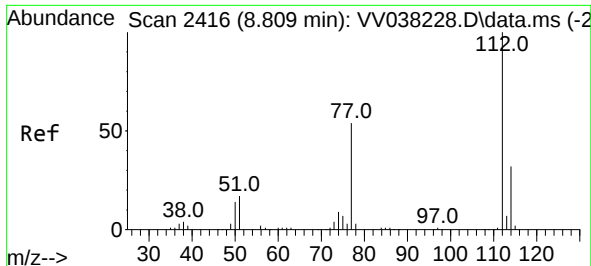
Tgt Ion: 43 Resp: 18938
Ion Ratio Lower Upper
43 100
58 40.9 49.2 73.8#
57 38.6 16.9 25.3#
100 5.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 1.947 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

Tgt Ion: 129 Resp: 32455
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#51

Chlorobenzene

Concen: 0.298 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.006 min

Lab File: VV038232.D

Acq: 21 Nov 2024 11:33

Instrument :

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ClientSampleId :

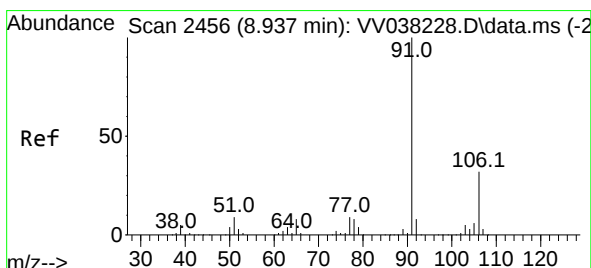
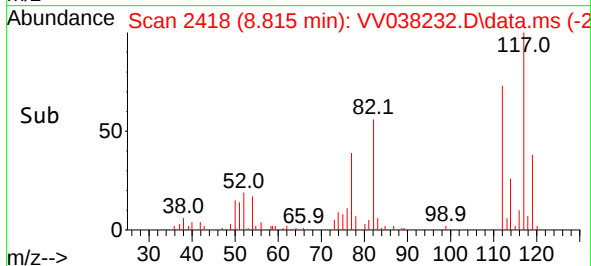
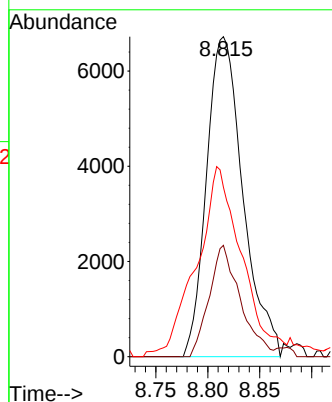
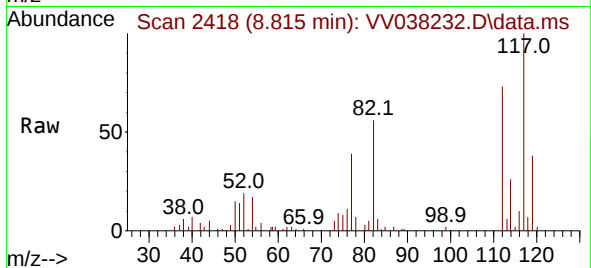
Tgt Ion:112 Resp: 16387

Ion Ratio Lower Upper

112 100

114 34.8 22.0 40.8

77 53.0 45.0 67.4



#52

Ethylbenzene

Concen: 0.099 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.016 min

Lab File: VV038232.D

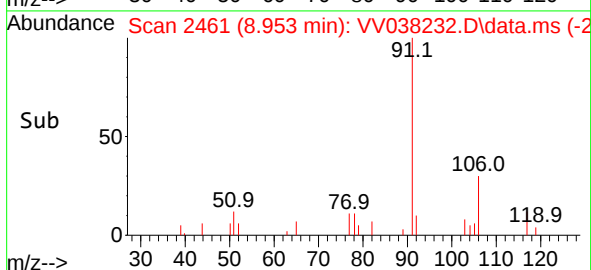
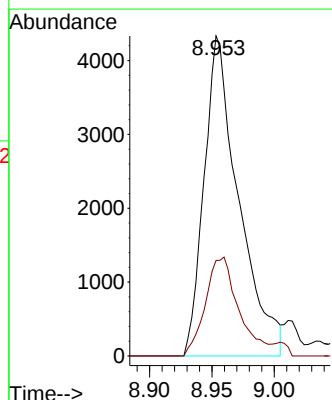
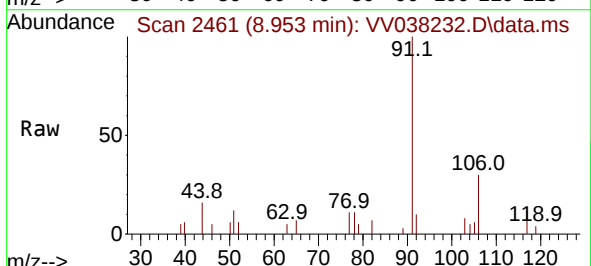
Acq: 21 Nov 2024 11:33

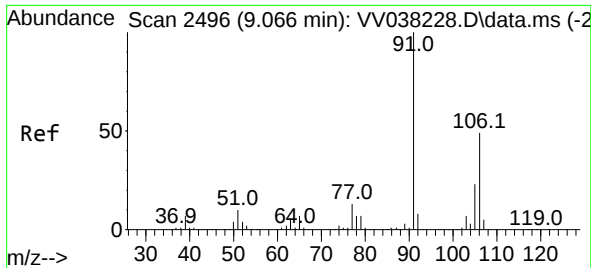
Tgt Ion: 91 Resp: 8350

Ion Ratio Lower Upper

91 100

106 29.8 21.8 40.4

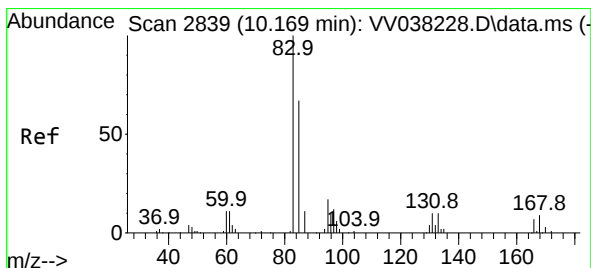
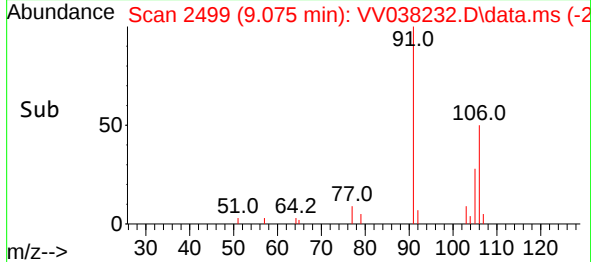
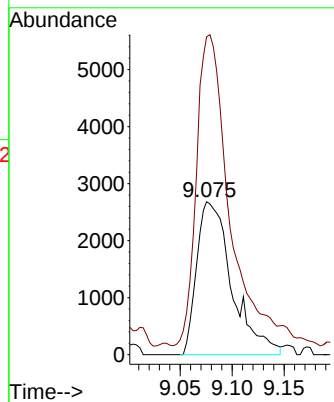
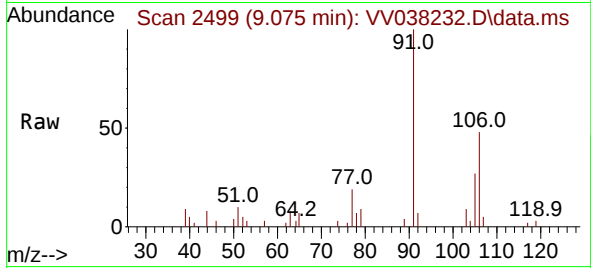




#53
 m,p-Xylene
 Concen: 0.198 ug/L
 RT: 9.075 min Scan# 2496
 Delta R.T. 0.010 min
 Lab File: VV038232.D
 Acq: 21 Nov 2024 11:33

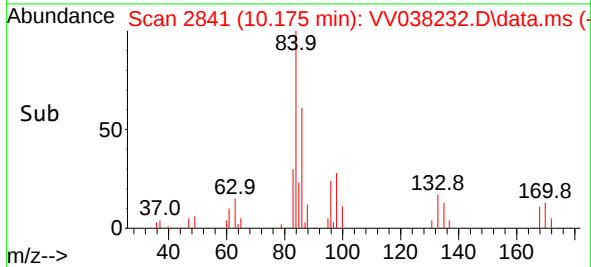
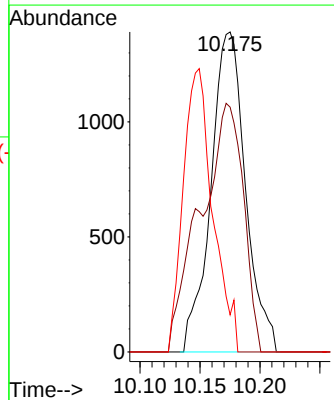
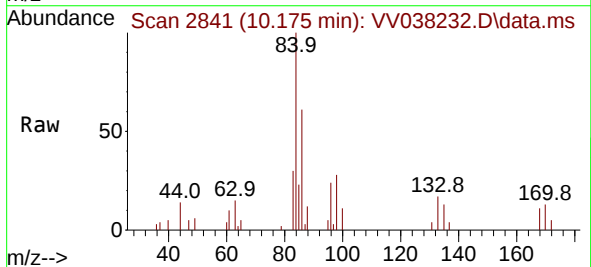
Instrument :
 MSVOA_V
 ClientSampleId :

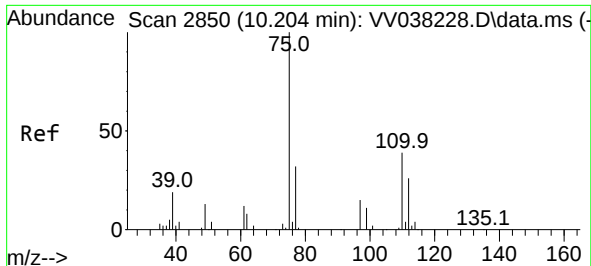
Tgt Ion:	106	Resp:	6317
Ion Ratio	Lower	Upper	
106	100		
91	207.9	138.7	257.5



#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.156 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.006 min
 Lab File: VV038232.D
 Acq: 21 Nov 2024 11:33

Tgt Ion:	83	Resp:	2788
Ion Ratio	Lower	Upper	
83	100		
85	76.5	45.7	84.9
131	11.6	8.2	12.4

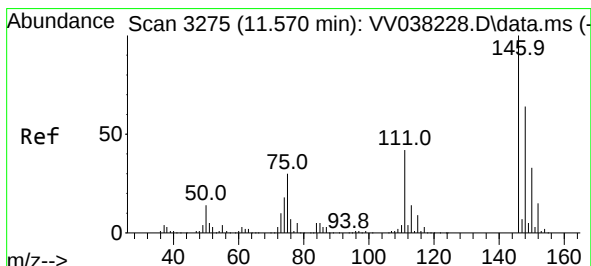
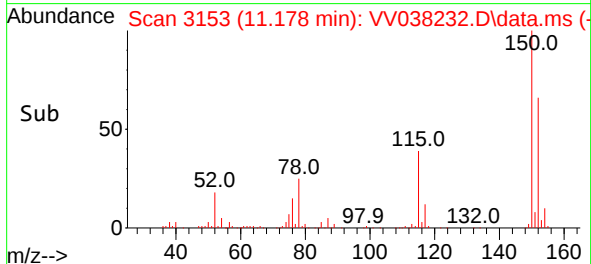
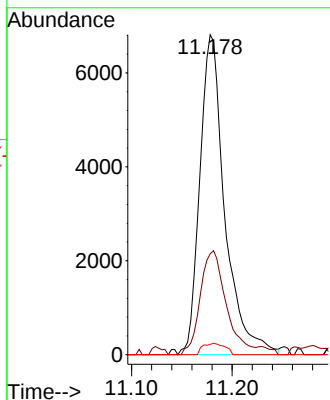
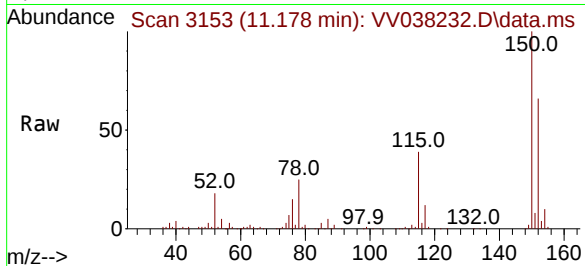




#61
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 11759
Ion Ratio Lower Upper
75 100
77 33.8 26.4 39.6
110 3.1 32.3 48.5#



#67
1,2-Dichlorobenzene
Concen: 0.219 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.006 min
Lab File: VV038232.D
Acq: 21 Nov 2024 11:33

Tgt Ion: 146 Resp: 7122
Ion Ratio Lower Upper
146 100
111 48.2 34.2 51.2
148 53.2 51.0 76.4

