

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038348.D
 Acq On : 25 Nov 2024 16:52
 Operator : SY/MD
 Sample : P4930-07DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:46:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

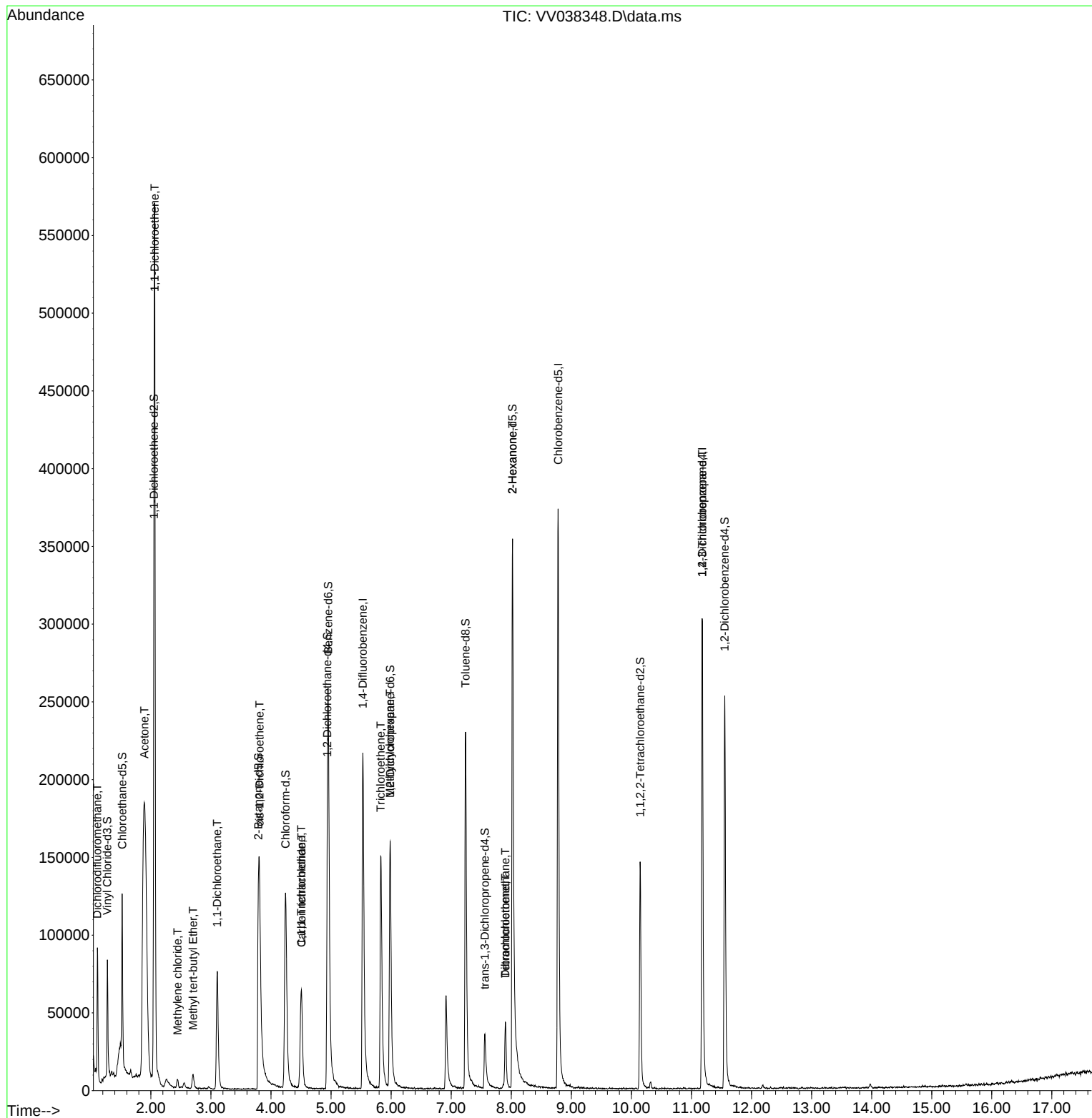
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	208007	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	220275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	89042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49327	3.094	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.523	69	61362	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.050	65	22768	3.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.789	46	180650	56.641	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.280%
24) Chloroform-d	4.243	84	144447	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.937	65	71528	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.953	84	232342	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.985	67	82860	4.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.239	98	172435	3.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	7.561	79	25541	3.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.021	63	129159	51.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75335	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	72250	4.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	3856	0.196	ug/L	98
12) 1,1-Dichloroethene	2.063	96	146814	9.882	ug/L #	75
13) Acetone	1.892	43	96081	40.732	ug/L	41
16) Methylene chloride	2.445	84	2627	0.155	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	7197	0.214	ug/L	98
19) 1,1-Dichloroethane	3.104	63	77279	2.720	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	46238	2.857	ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	55635	2.106	ug/L	97
31) Carbon tetrachloride	4.510	117	7190	0.309	ug/L	99
34) Trichloroethene	5.828	95	58317	3.457	ug/L	98
35) Methylcyclohexane	5.982	83	20727	0.869	ug/L #	19
47) Tetrachloroethene	7.902	164	10073	0.743	ug/L	96
48) 2-Hexanone	8.021	43	15889	2.701	ug/L #	70
49) Dibromochloromethane	7.902	129	10493	0.766	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	9866	1.294	ug/L #	64

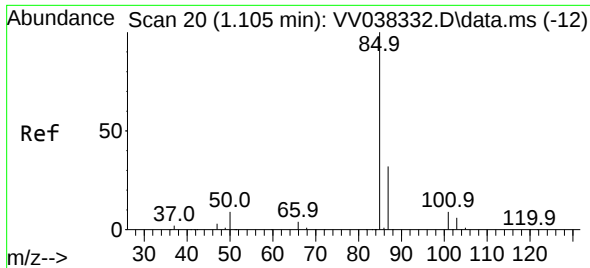
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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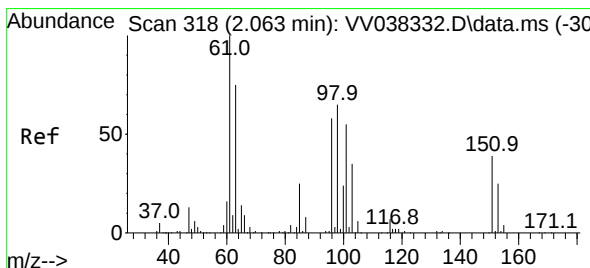
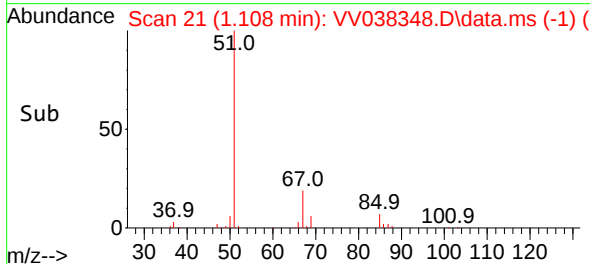
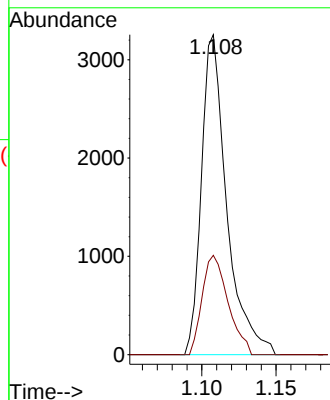
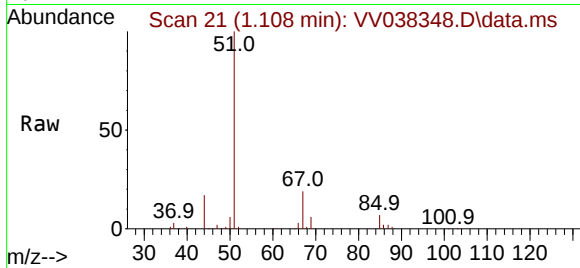




#2
Dichlorodifluoromethane
Concen: 0.196 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

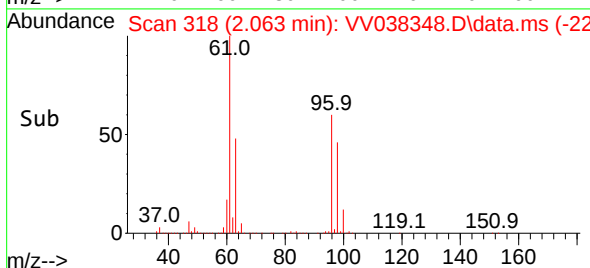
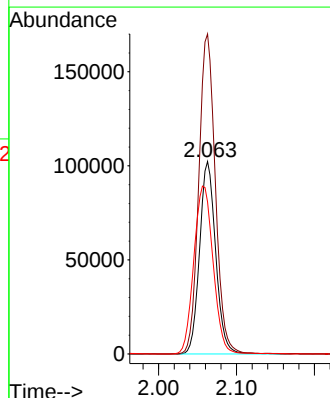
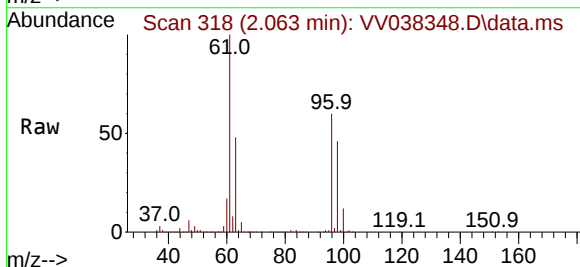
Instrument :
MSVOA_V
ClientSampleId :

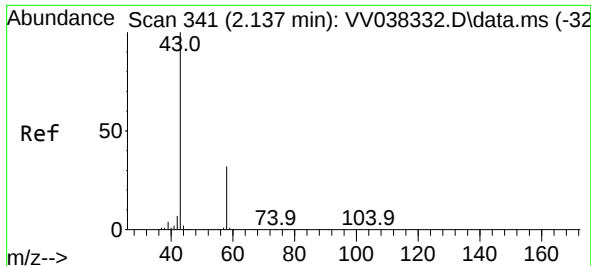
Tgt Ion: 85 Resp: 3856
Ion Ratio Lower Upper
85 100
87 31.8 26.5 39.7



#12
1,1-Dichloroethene
Concen: 9.882 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 96 Resp: 146814
Ion Ratio Lower Upper
96 100
61 166.2 115.7 214.9
63 79.0 101.1 187.7#

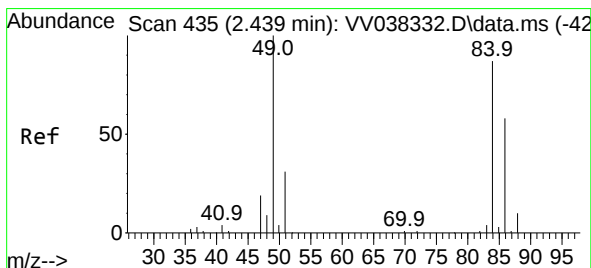
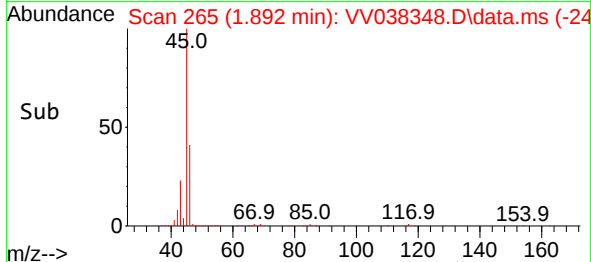
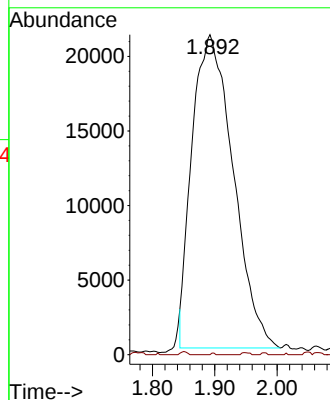
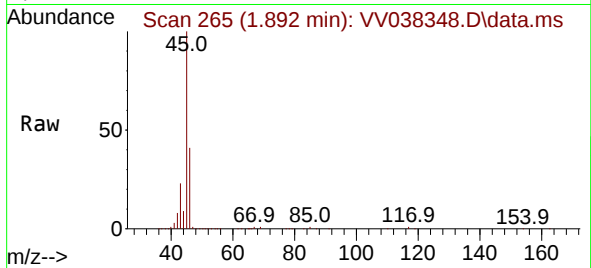




#13
Acetone
Concen: 40.732 ug/L
RT: 1.892 min Scan# 2
Delta R.T. -0.245 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

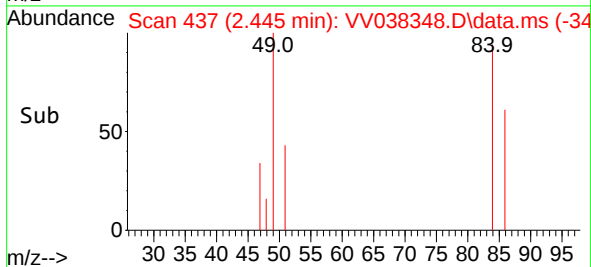
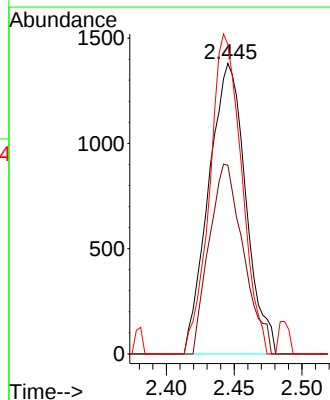
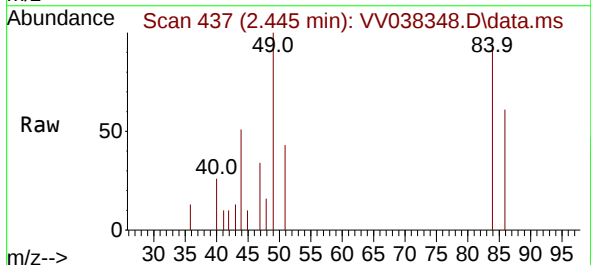
Instrument :
MSVOA_V
ClientSampleId :

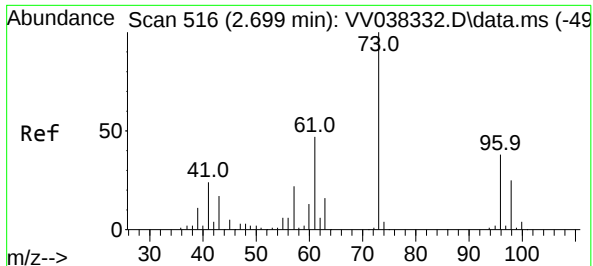
Tgt Ion: 43 Resp: 96081
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2



#16
Methylene chloride
Concen: 0.155 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 84 Resp: 2627
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.2
49 106.5 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.214 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV038348.D

Acq: 25 Nov 2024 16:52

Instrument :

MSVOA_V

ClientSampleId :

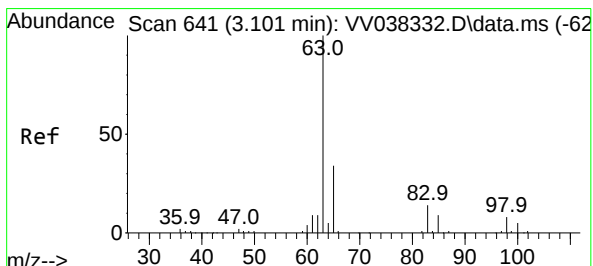
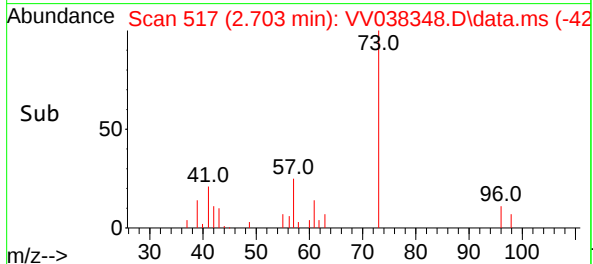
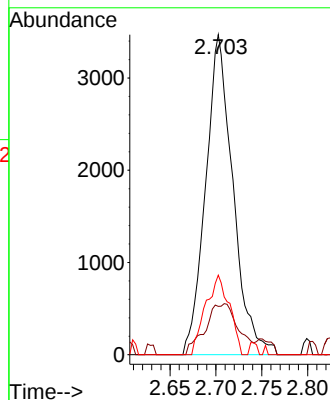
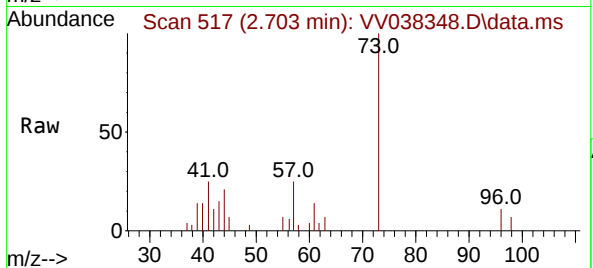
Tgt Ion: 73 Resp: 7197

Ion Ratio Lower Upper

73 100

43 19.4 14.2 21.2

57 21.6 17.6 26.4



#19

1,1-Dichloroethane

Concen: 2.720 ug/L

RT: 3.104 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV038348.D

Acq: 25 Nov 2024 16:52

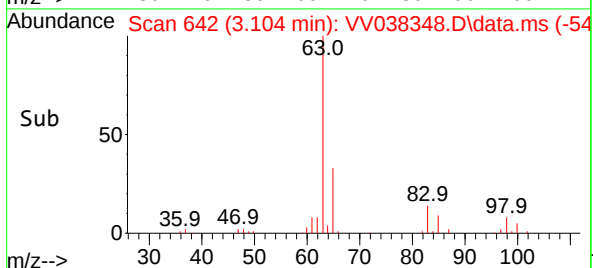
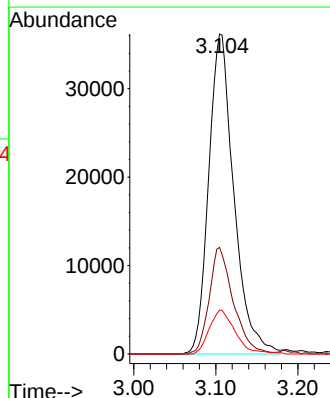
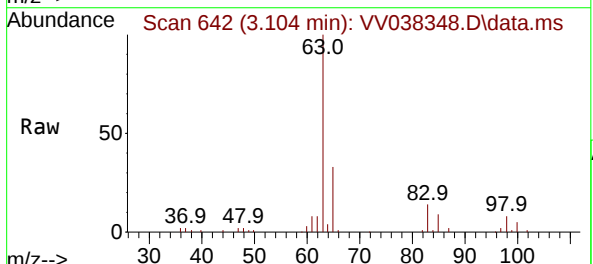
Tgt Ion: 63 Resp: 77279

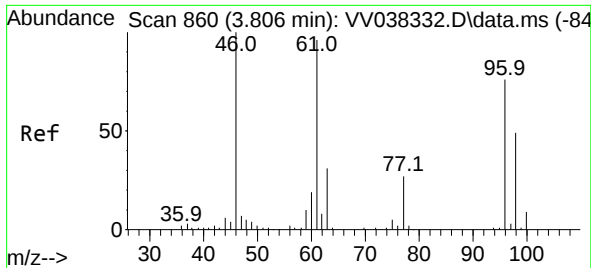
Ion Ratio Lower Upper

63 100

65 33.3 22.5 41.7

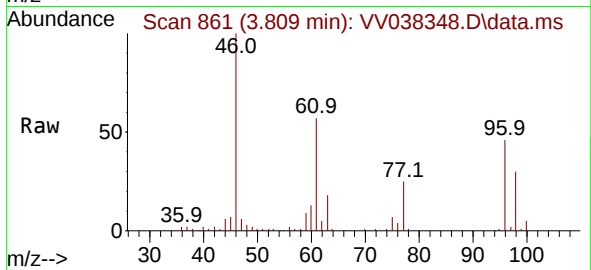
83 13.7 10.1 18.9





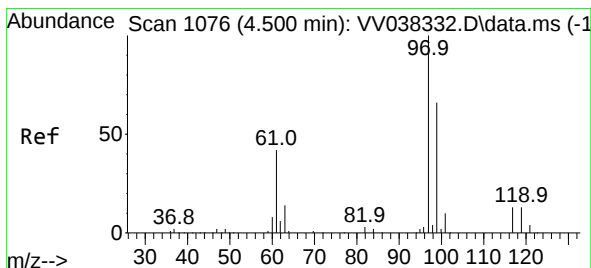
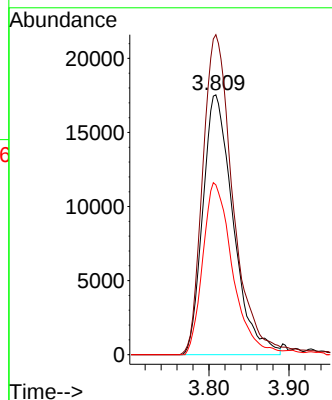
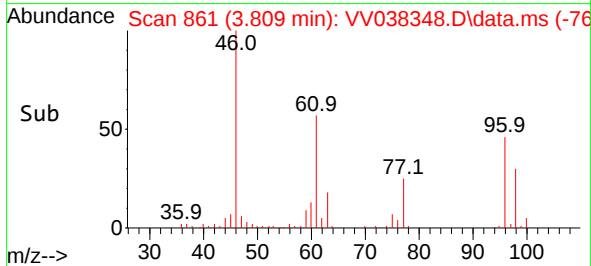
#22
 cis-1,2-Dichloroethene
 Concen: 2.857 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038348.D
 Acq: 25 Nov 2024 16:52

Instrument :
 MSVOA_V
 ClientSampleId :

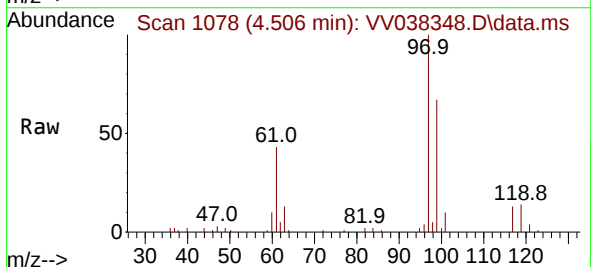


Tgt Ion: 96 Resp: 46238

Ion	Ratio	Lower	Upper
96	100		
61	123.2	82.7	153.5
98	65.3	46.3	85.9

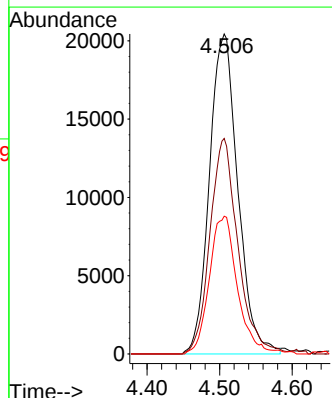
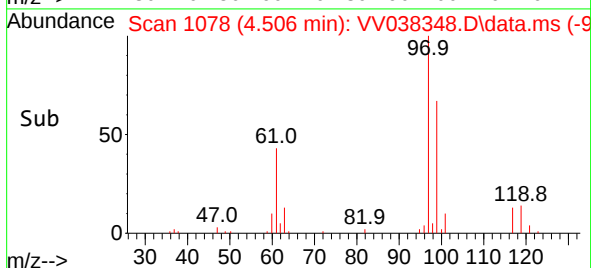


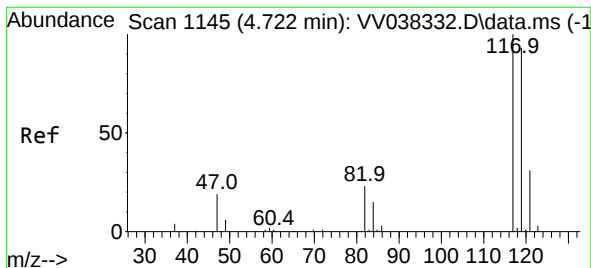
#29
 1,1,1-Trichloroethane
 Concen: 2.106 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038348.D
 Acq: 25 Nov 2024 16:52



Tgt Ion: 97 Resp: 55635

Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.8	77.8
61	42.6	32.2	48.2





#31

Carbon tetrachloride

Concen: 0.309 ug/L

RT: 4.510 min Scan# 1145

Delta R.T. -0.212 min

Lab File: VV038348.D

Acq: 25 Nov 2024 16:52

Instrument :

MSVOA_V

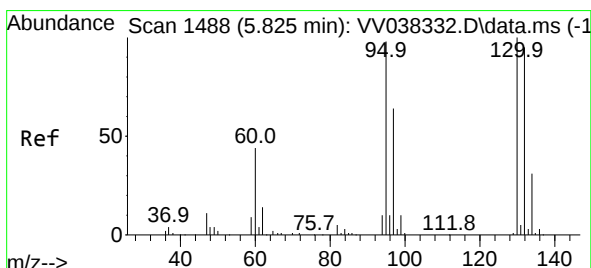
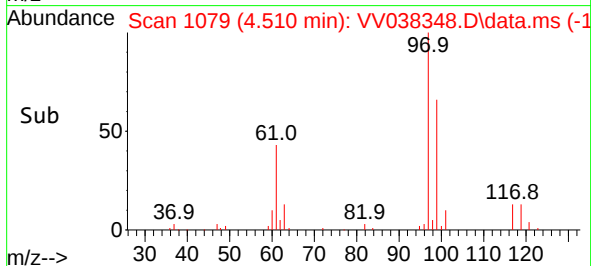
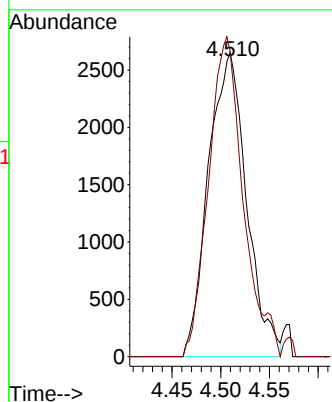
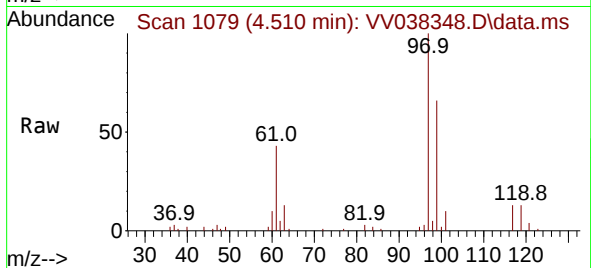
ClientSampleId :

Tgt Ion:117 Resp: 7190

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.2



#34

Trichloroethene

Concen: 3.457 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV038348.D

Acq: 25 Nov 2024 16:52

Tgt Ion: 95 Resp: 58317

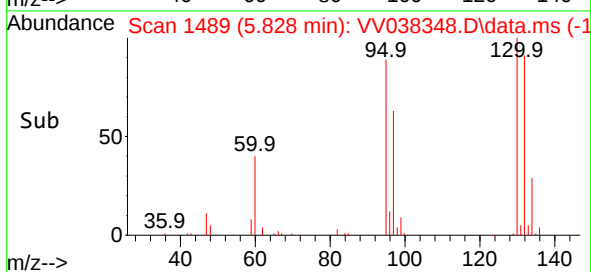
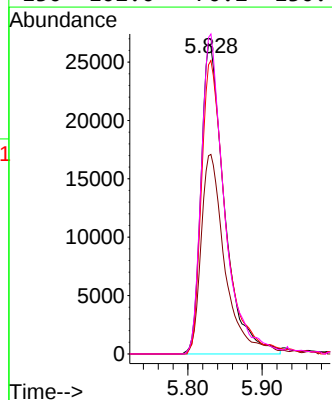
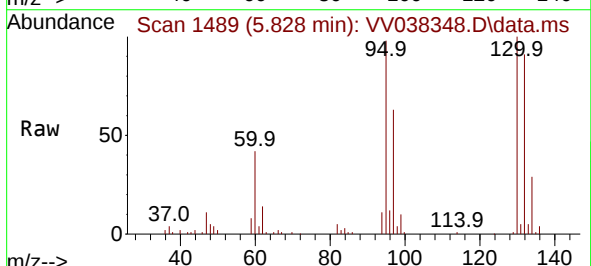
Ion Ratio Lower Upper

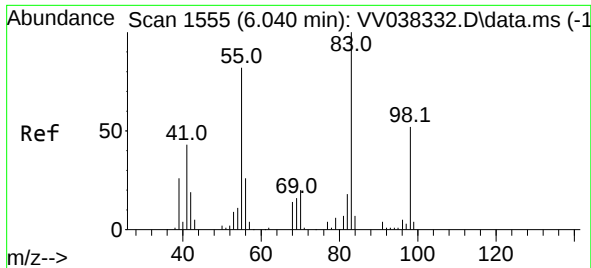
95 100

97 63.9 44.8 83.2

132 93.2 68.3 126.8

130 102.0 70.2 130.4

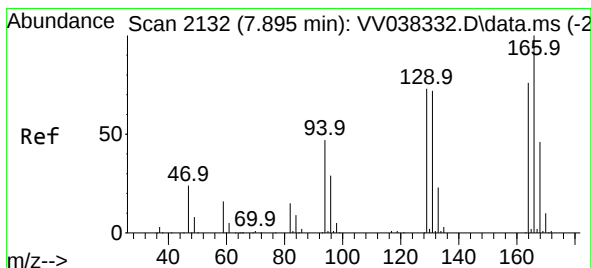
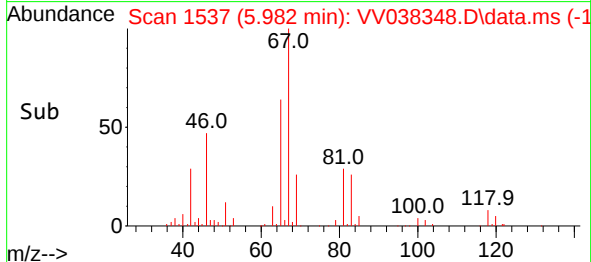
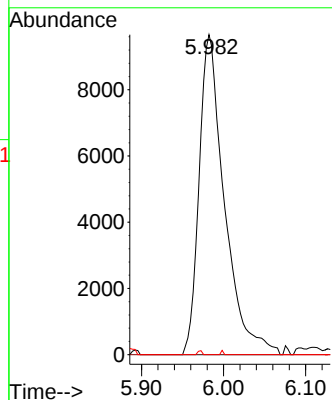
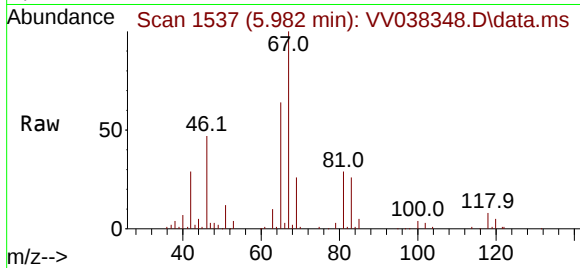




#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

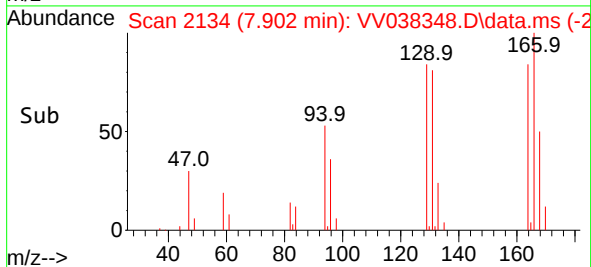
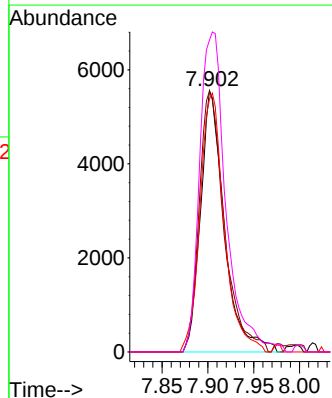
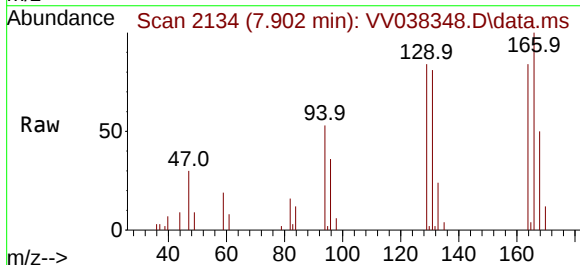
Instrument :
MSVOA_V
ClientSampleId :

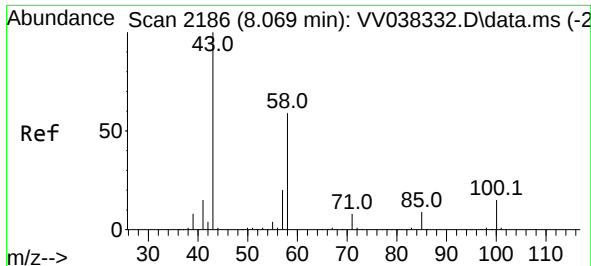
Tgt Ion: 83 Resp: 20727
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.5 39.0 58.4#



#47
Tetrachloroethene
Concen: 0.743 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 164 Resp: 10073
Ion Ratio Lower Upper
164 100
129 99.8 68.5 127.1
131 96.8 64.8 120.4
166 119.4 88.3 163.9

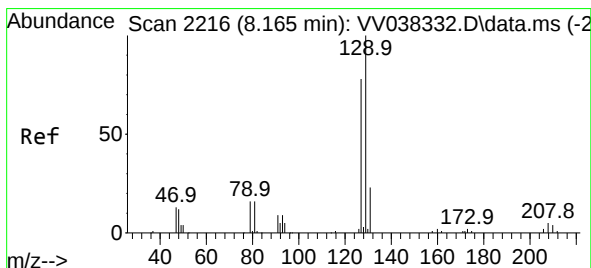
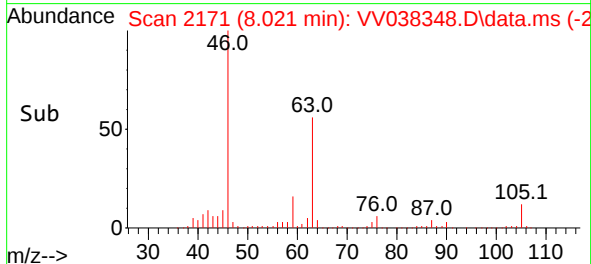
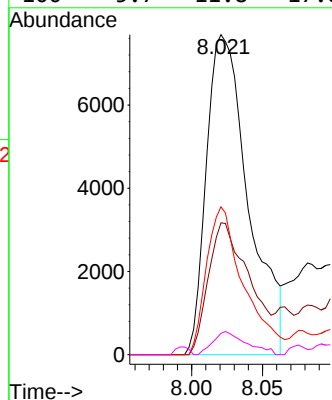
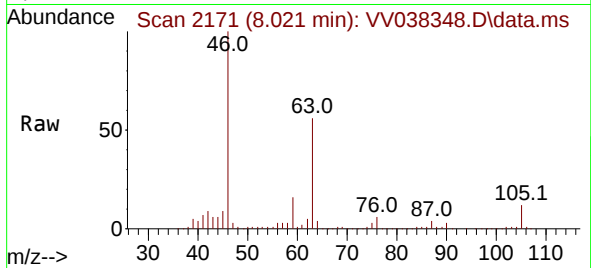




#48
2-Hexanone
Concen: 2.701 ug/L
RT: 8.021 min Scan# 2186
Delta R.T. -0.048 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

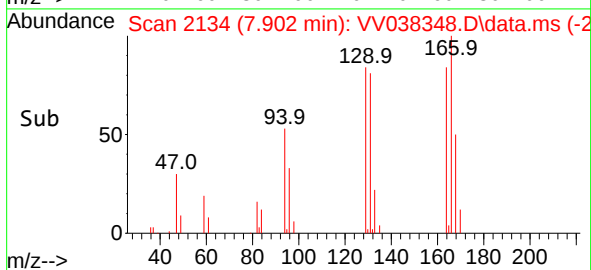
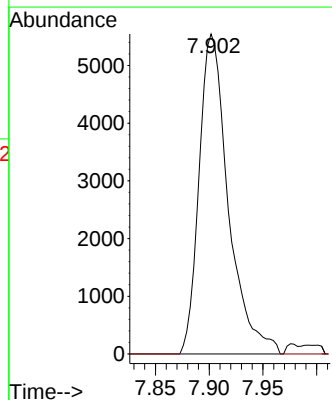
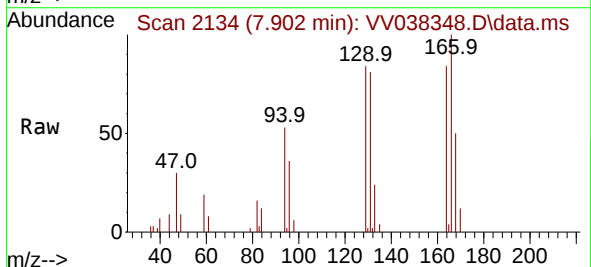
Instrument :
MSVOA_V
ClientSampleId :

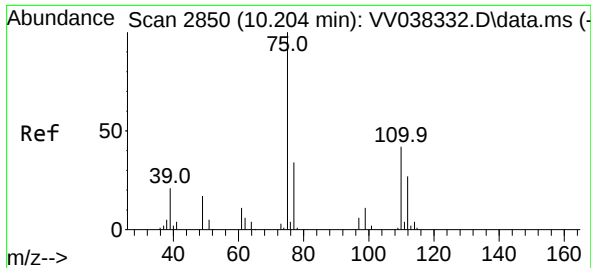
Tgt Ion: 43	Resp: 15889
Ion Ratio	Lower Upper
43	100
58	40.3 49.2 73.8#
57	41.2 16.9 25.3#
100	5.7 11.8 17.8#



#49
Dibromochloromethane
Concen: 0.766 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.264 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

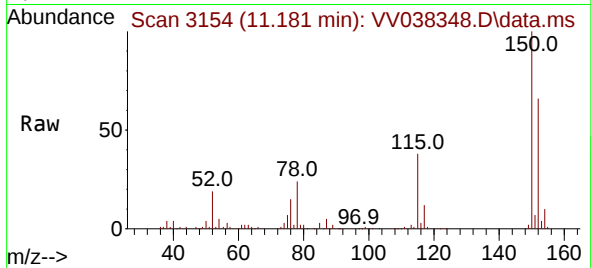
Tgt Ion: 129	Resp: 10493
Ion Ratio	Lower Upper
129	100
127	0.0 53.5 99.3#





#61
1,2,3-Trichloropropane
Concen: 1.294 ug/L
RT: 11.181 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.4	39.6
110	2.3	32.3	48.5#

