

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038370.D
 Acq On : 26 Nov 2024 17:30
 Operator : SY/MD
 Sample : P4884-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 00:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

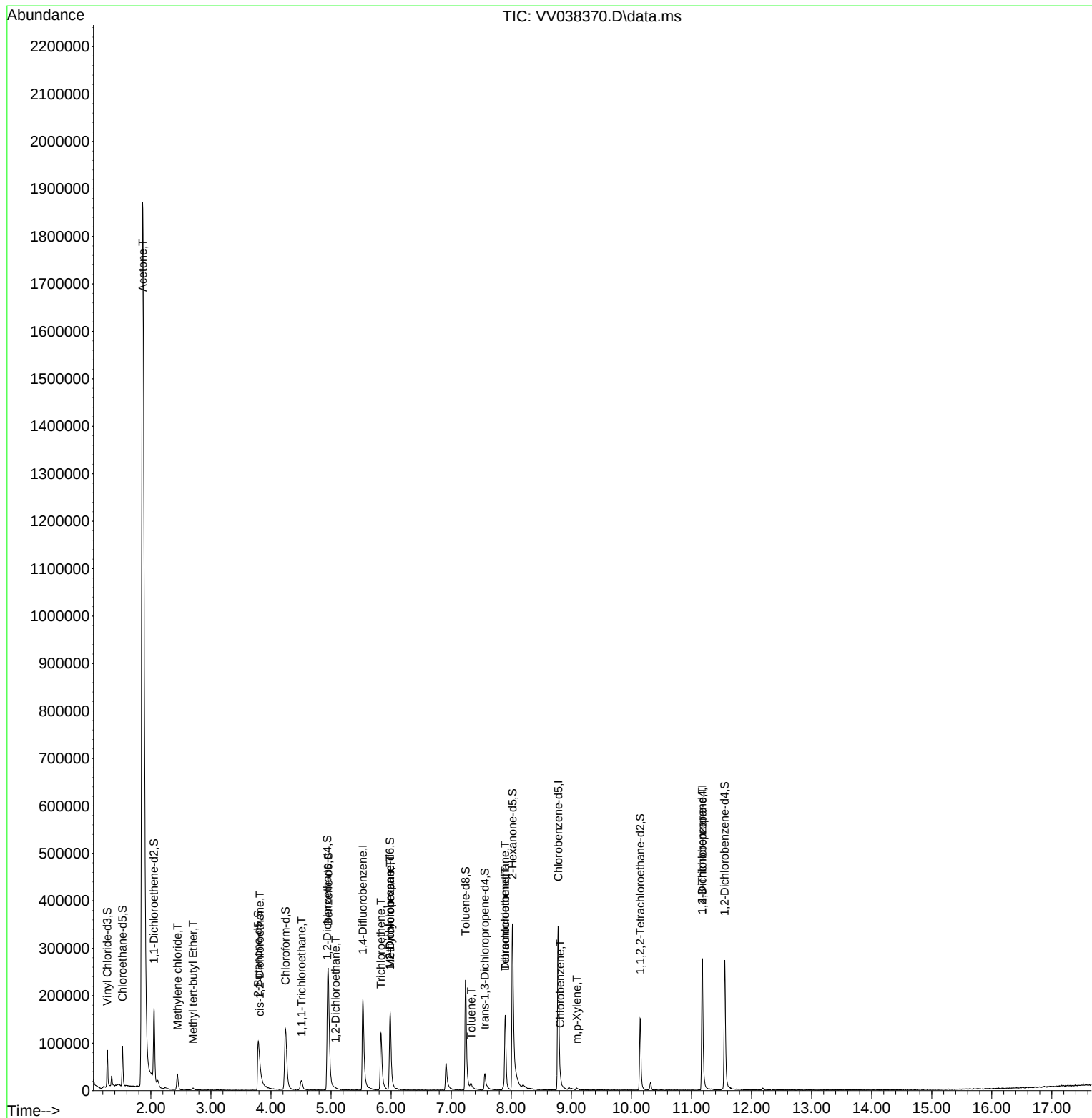
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	178186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	200487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	78395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49721	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.529	69	54152	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.053	65	24886	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.786	46	183994	67.344	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.680%#
24) Chloroform-d	4.243	84	144975	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	4.937	65	74277	6.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.000%
32) Benzene-d6	4.953	84	233299	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.982	67	84468	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.239	98	168821	3.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.561	79	26624	4.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.021	63	127454	55.310	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	77583	5.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	74456	5.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
13) Acetone	1.863	43	647769	320.568	ug/L	41
16) Methylene chloride	2.442	84	13494	0.930	ug/L	87
17) Methyl tert-butyl Ether	2.703	73	2846	0.099	ug/L #	79
22) cis-1,2-Dichloroethene	3.815	96	3702	0.267	ug/L	95
27) 1,2-Dichloroethane	5.076	62	2414	0.170	ug/L #	72
29) 1,1,1-Trichloroethane	4.510	97	17328	0.721	ug/L	99
34) Trichloroethene	5.831	95	47564	3.098	ug/L	97
35) Methylcyclohexane	5.985	83	21223	0.977	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	8749	0.620	ug/L #	87
42) Toluene	7.333	91	10582	0.177	ug/L	95
47) Tetrachloroethene	7.899	164	36308	2.943	ug/L	97
49) Dibromochloromethane	7.899	129	32421	2.599	ug/L #	11
51) Chlorobenzene	8.815	112	7162	0.174	ug/L	99
53) m,p-Xylene	9.091	106	1322	0.055	ug/L	94
61) 1,2,3-Trichloropropane	11.181	75	9479	1.412	ug/L #	65

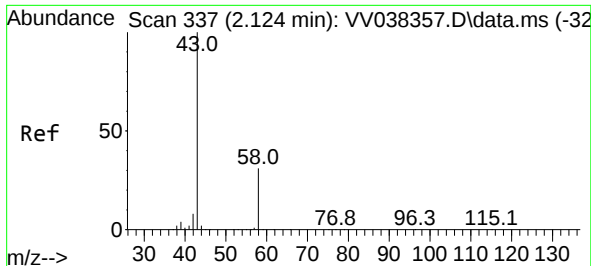
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 320.568 ug/L

RT: 1.863 min Scan# 21

Delta R.T. -0.261 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

Instrument :

MSVOA_V

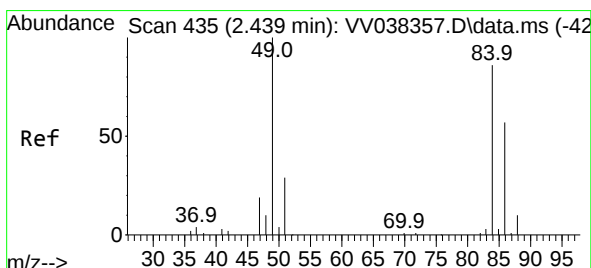
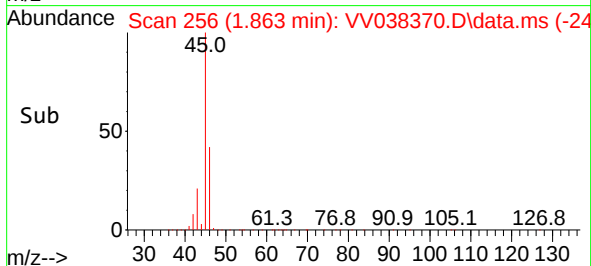
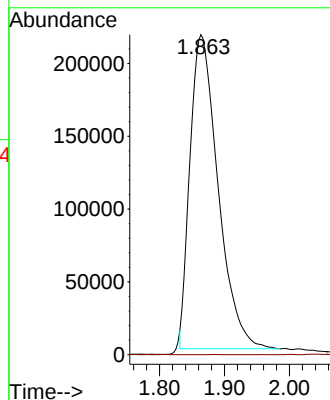
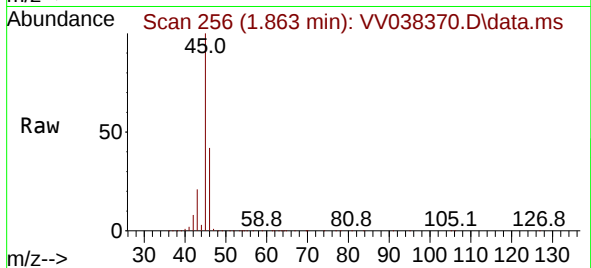
ClientSampleId :

Tgt Ion: 43 Resp: 647769

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2



#16

Methylene chloride

Concen: 0.930 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

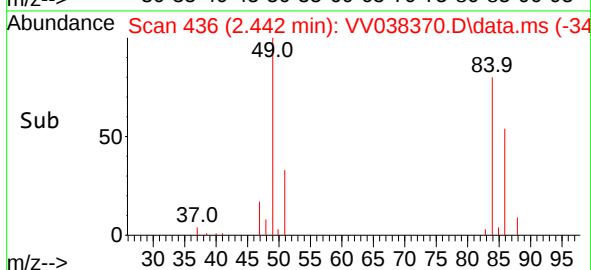
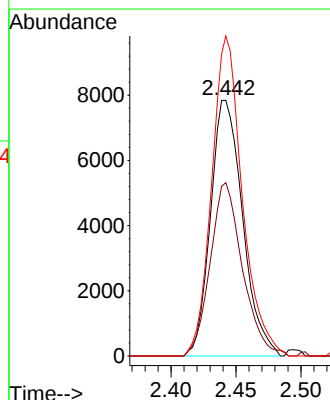
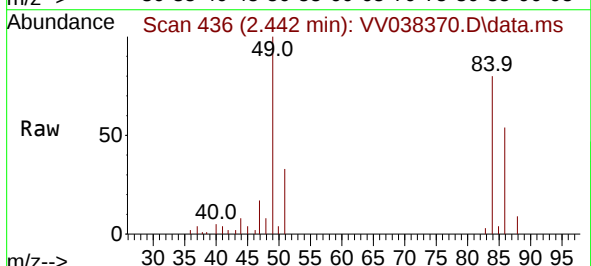
Tgt Ion: 84 Resp: 13494

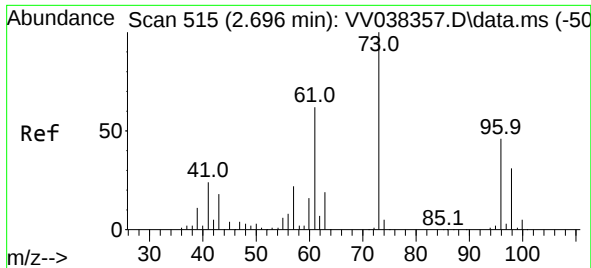
Ion Ratio Lower Upper

84 100

86 67.8 44.2 82.2

49 125.1 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.099 ug/L

RT: 2.703 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

Instrument :

MSVOA_V

ClientSampleId :

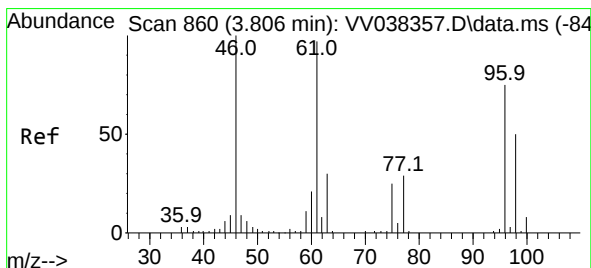
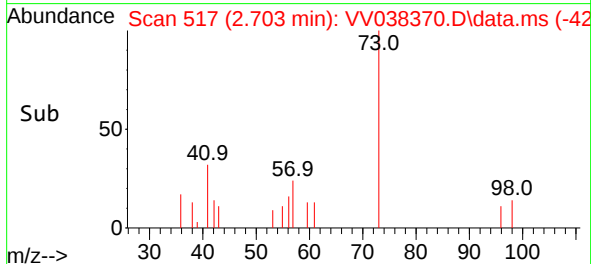
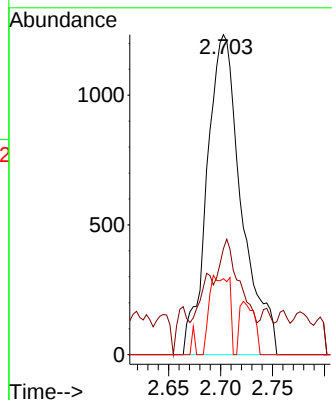
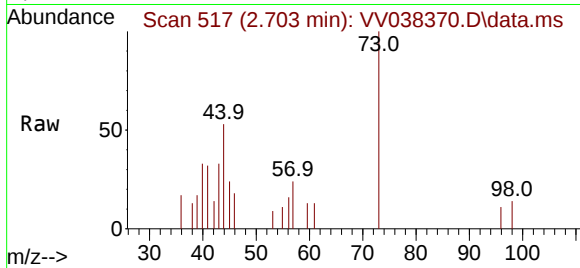
Tgt Ion: 73 Resp: 2846

Ion Ratio Lower Upper

73 100

43 14.4 14.2 21.2

57 7.0 17.6 26.4#



#22

cis-1,2-Dichloroethene

Concen: 0.267 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.009 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

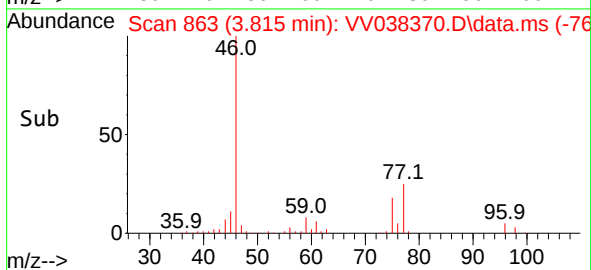
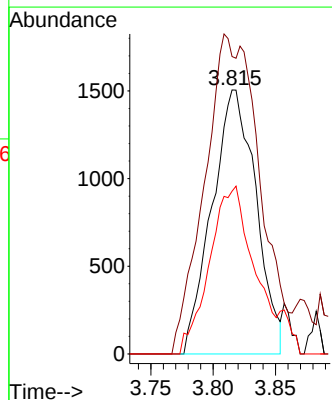
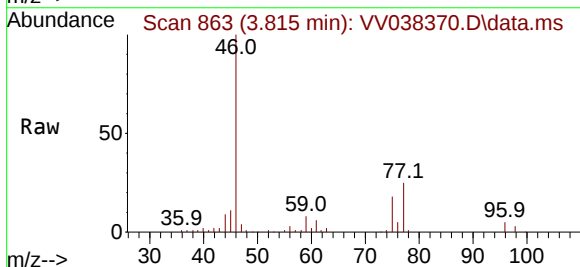
Tgt Ion: 96 Resp: 3702

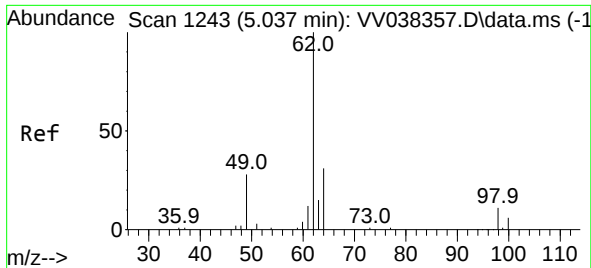
Ion Ratio Lower Upper

96 100

61 112.6 82.7 153.5

98 61.6 46.3 85.9

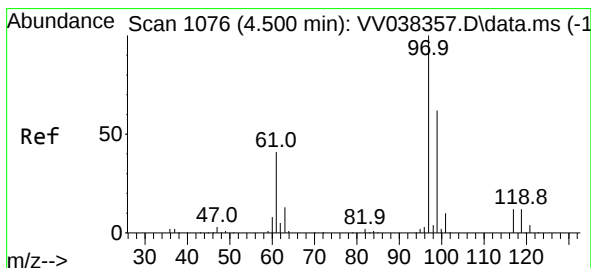
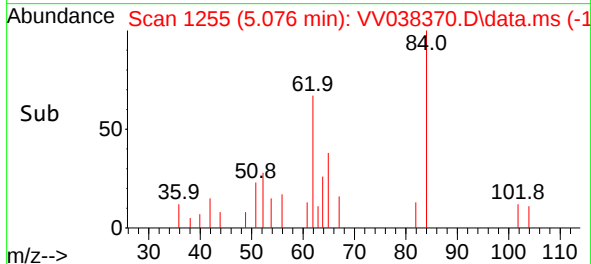
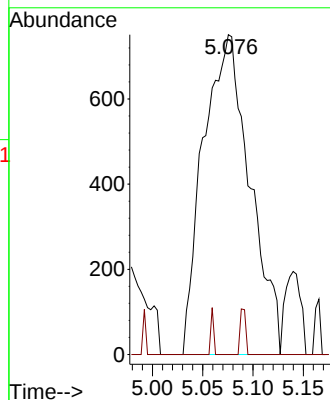
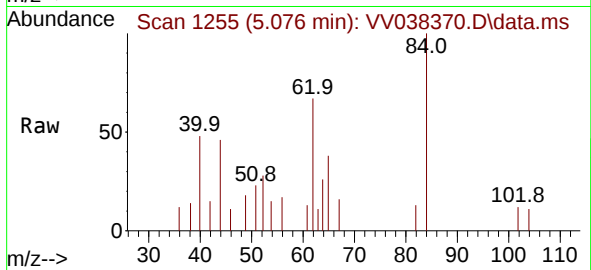




#27
1,2-Dichloroethane
Concen: 0.170 ug/L
RT: 5.076 min Scan# 11
Delta R.T. 0.038 min
Lab File: VV038370.D
Acq: 26 Nov 2024 17:30

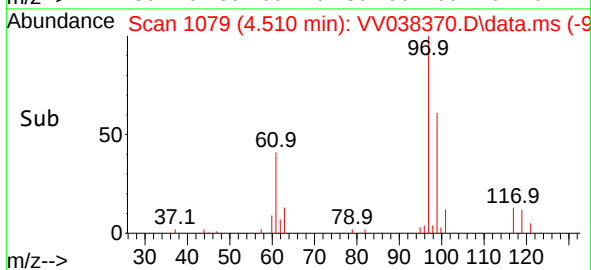
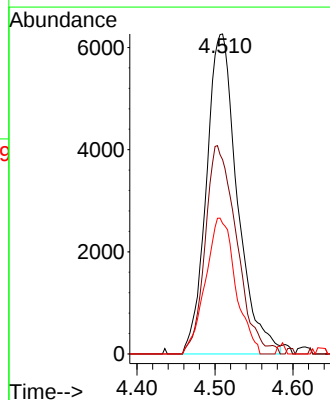
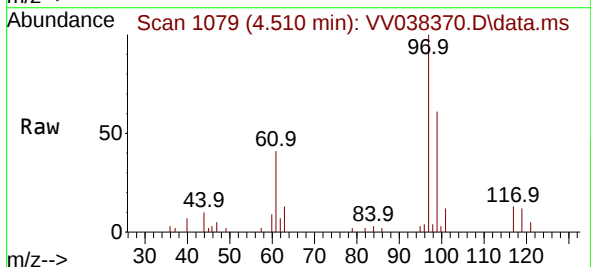
Instrument :
MSVOA_V
ClientSampleId :

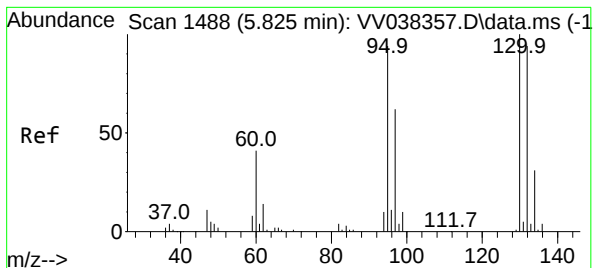
Tgt Ion: 62 Resp: 2414
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 0.721 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.010 min
Lab File: VV038370.D
Acq: 26 Nov 2024 17:30

Tgt Ion: 97 Resp: 17328
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.8
61 41.3 32.2 48.2





#34

Trichloroethene

Concen: 3.098 ug/L

RT: 5.831 min Scan# 1488

Delta R.T. 0.006 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 47564

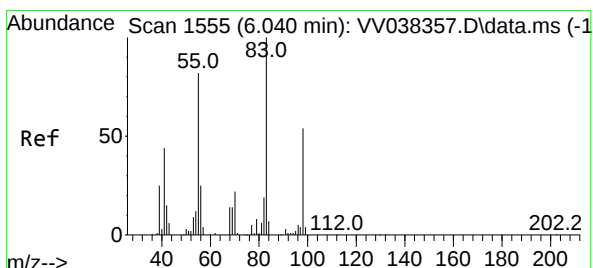
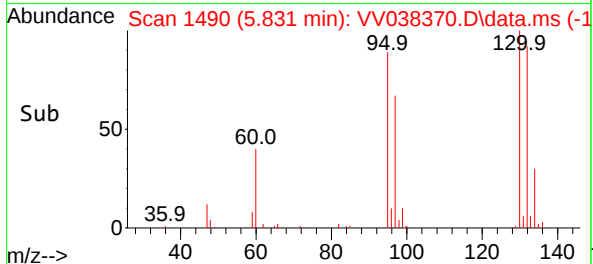
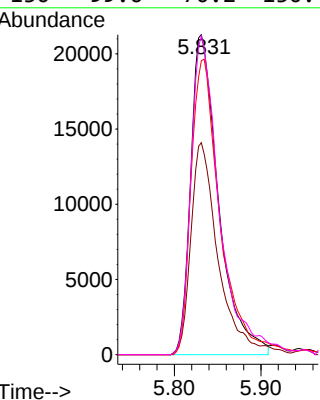
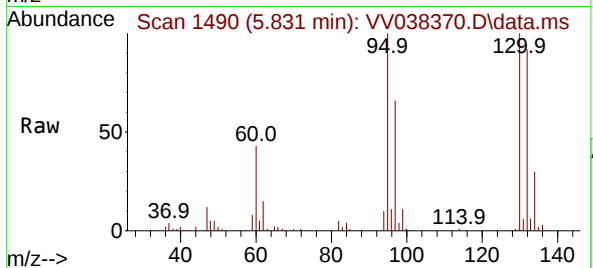
Ion Ratio Lower Upper

95 100

97 66.3 44.8 83.2

132 91.8 68.3 126.8

130 99.6 70.2 130.4



#35

Methylcyclohexane

Concen: 0.977 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

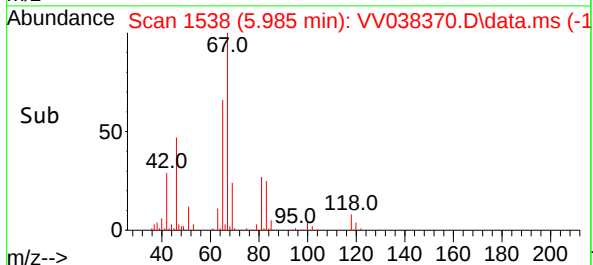
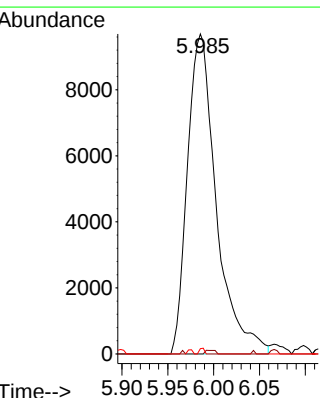
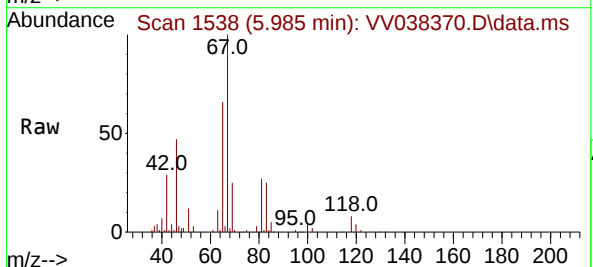
Tgt Ion: 83 Resp: 21223

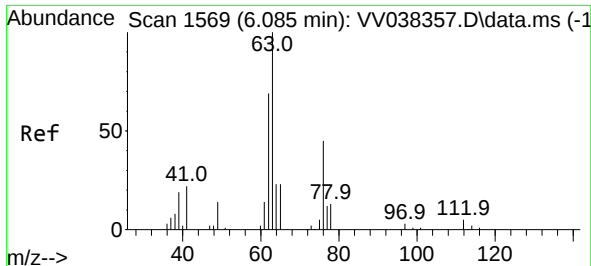
Ion Ratio Lower Upper

83 100

55 0.4 59.7 89.5#

98 0.3 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038370.D

Acq: 26 Nov 2024 17:30

Instrument :

MSVOA_V

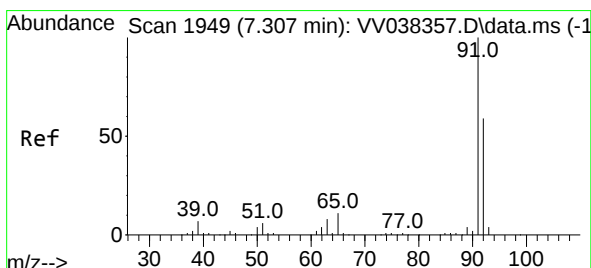
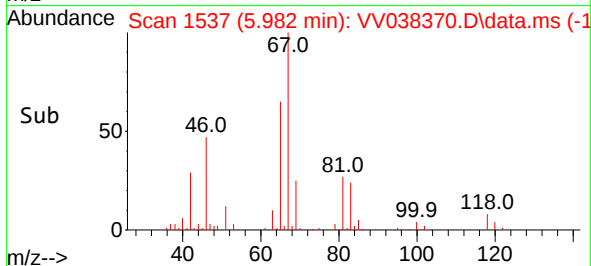
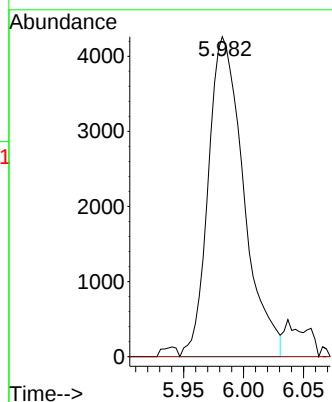
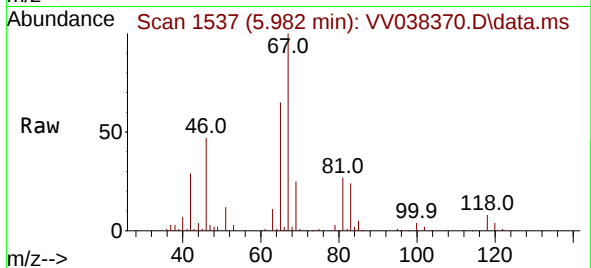
ClientSampleId :

Tgt Ion: 63 Resp: 8749

Ion Ratio Lower Upper

63 100

112 0.5 3.9 5.9#



#42

Toluene

Concen: 0.177 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.026 min

Lab File: VV038370.D

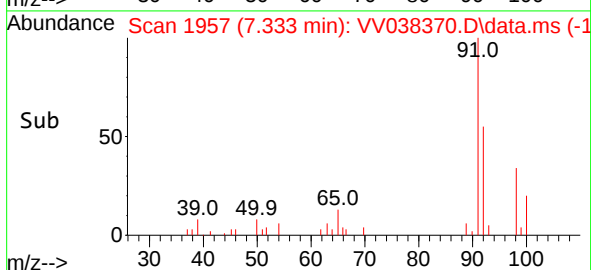
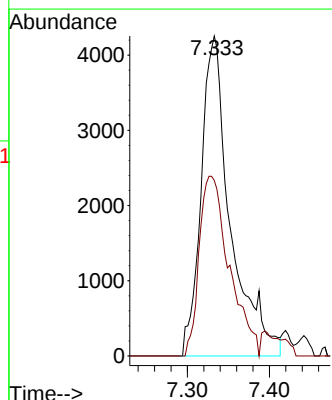
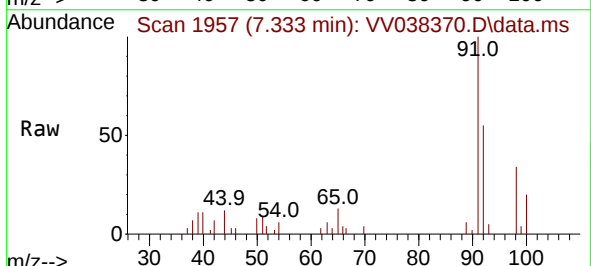
Acq: 26 Nov 2024 17:30

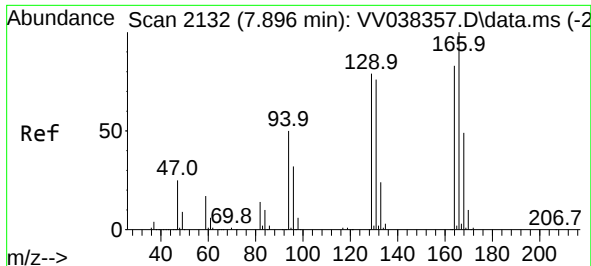
Tgt Ion: 91 Resp: 10582

Ion Ratio Lower Upper

91 100

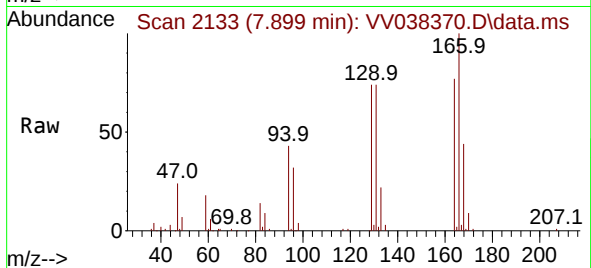
92 54.9 40.8 75.8



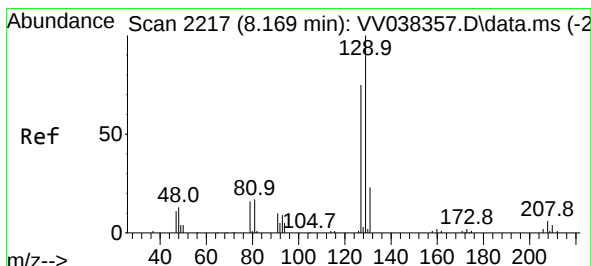
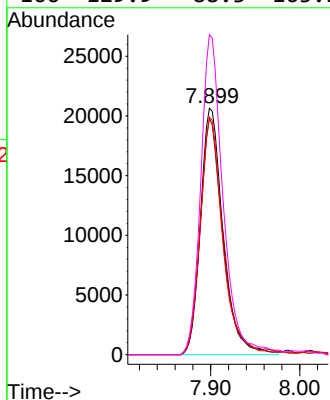
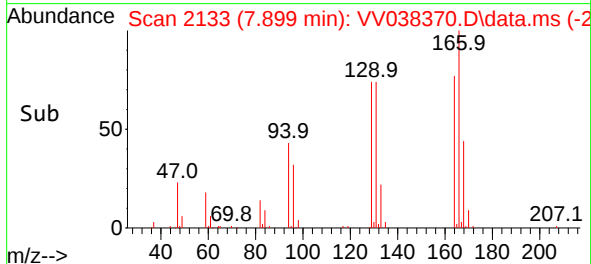


#47
Tetrachloroethene
Concen: 2.943 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038370.D
Acq: 26 Nov 2024 17:30

Instrument :
MSVOA_V
ClientSampleId :

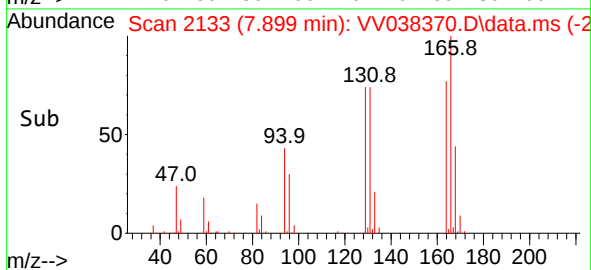
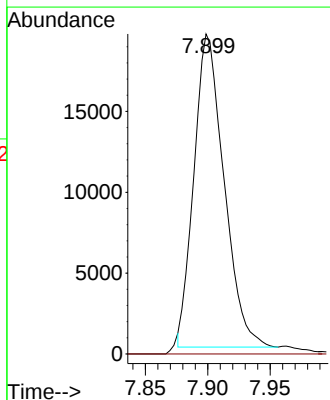
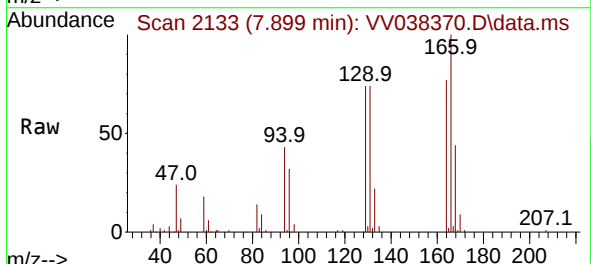


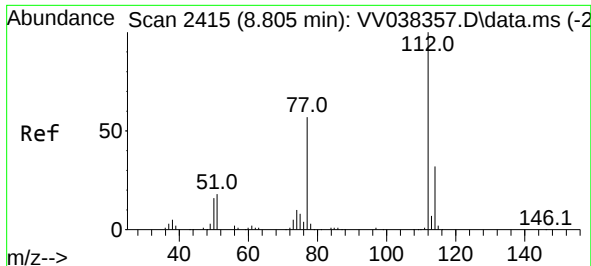
Tgt Ion:164 Resp: 36308
Ion Ratio Lower Upper
164 100
129 95.9 68.5 127.1
131 96.5 64.8 120.4
166 129.9 88.3 163.9



#49
Dibromochloromethane
Concen: 2.599 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038370.D
Acq: 26 Nov 2024 17:30

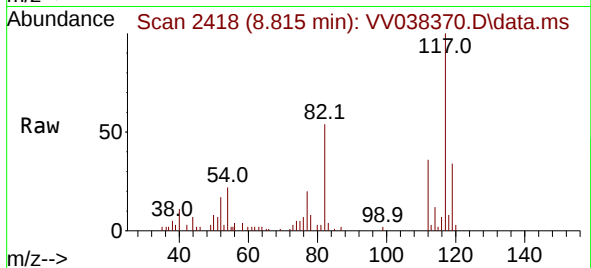
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Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



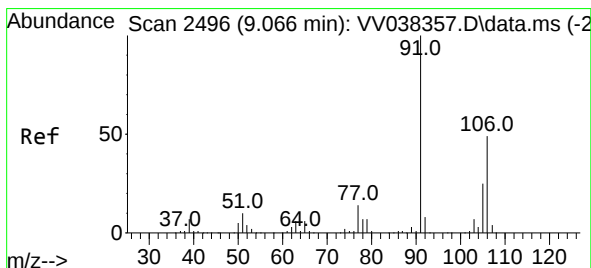
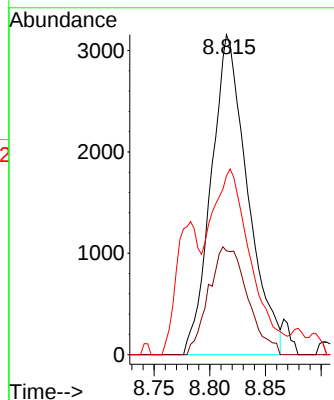
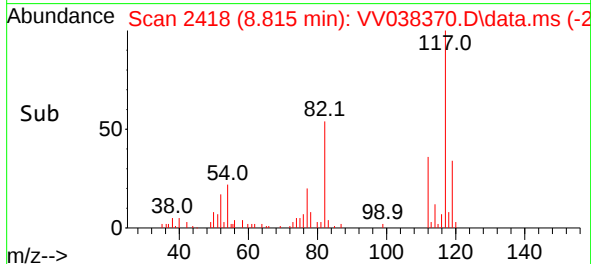


#51
Chlorobenzene
Concen: 0.174 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.009 min
Lab File: VV038370.D
Acq: 26 Nov 2024 17:30

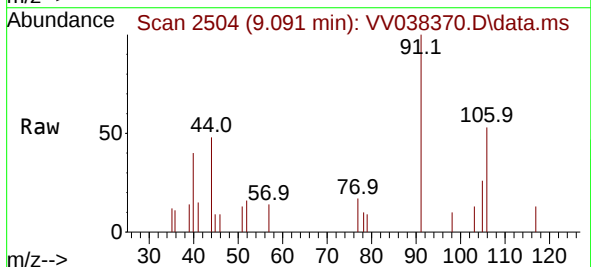
Instrument :
MSVOA_V
ClientSampleId :



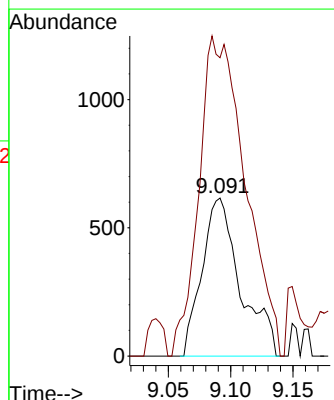
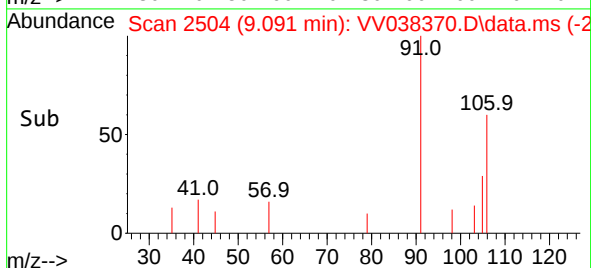
Tgt Ion:112 Resp: 7162
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 55.8 45.0 67.4

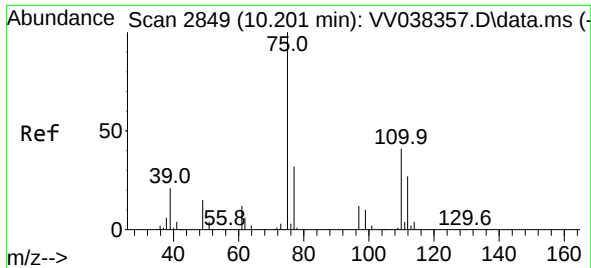


#53
m,p-Xylene
Concen: 0.055 ug/L
RT: 9.091 min Scan# 2504
Delta R.T. 0.026 min
Lab File: VV038370.D
Acq: 26 Nov 2024 17:30



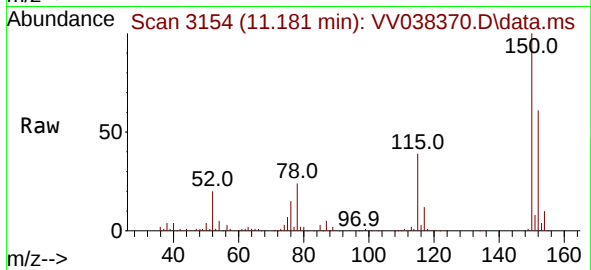
Tgt Ion:106 Resp: 1322
Ion Ratio Lower Upper
106 100
91 188.8 138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.412 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.981 min
 Lab File: VV038370.D
 Acq: 26 Nov 2024 17:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	9479
Ion	Ratio	Lower Upper
75	100	
77	32.9	26.4 39.6
110	1.2	32.3 48.5#

