

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037987.D
 Acq On : 08 Nov 2024 18:36
 Operator : SY/MD
 Sample : P4749-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 02:25:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 02:20:30 2024
 Response via : Initial Calibration

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

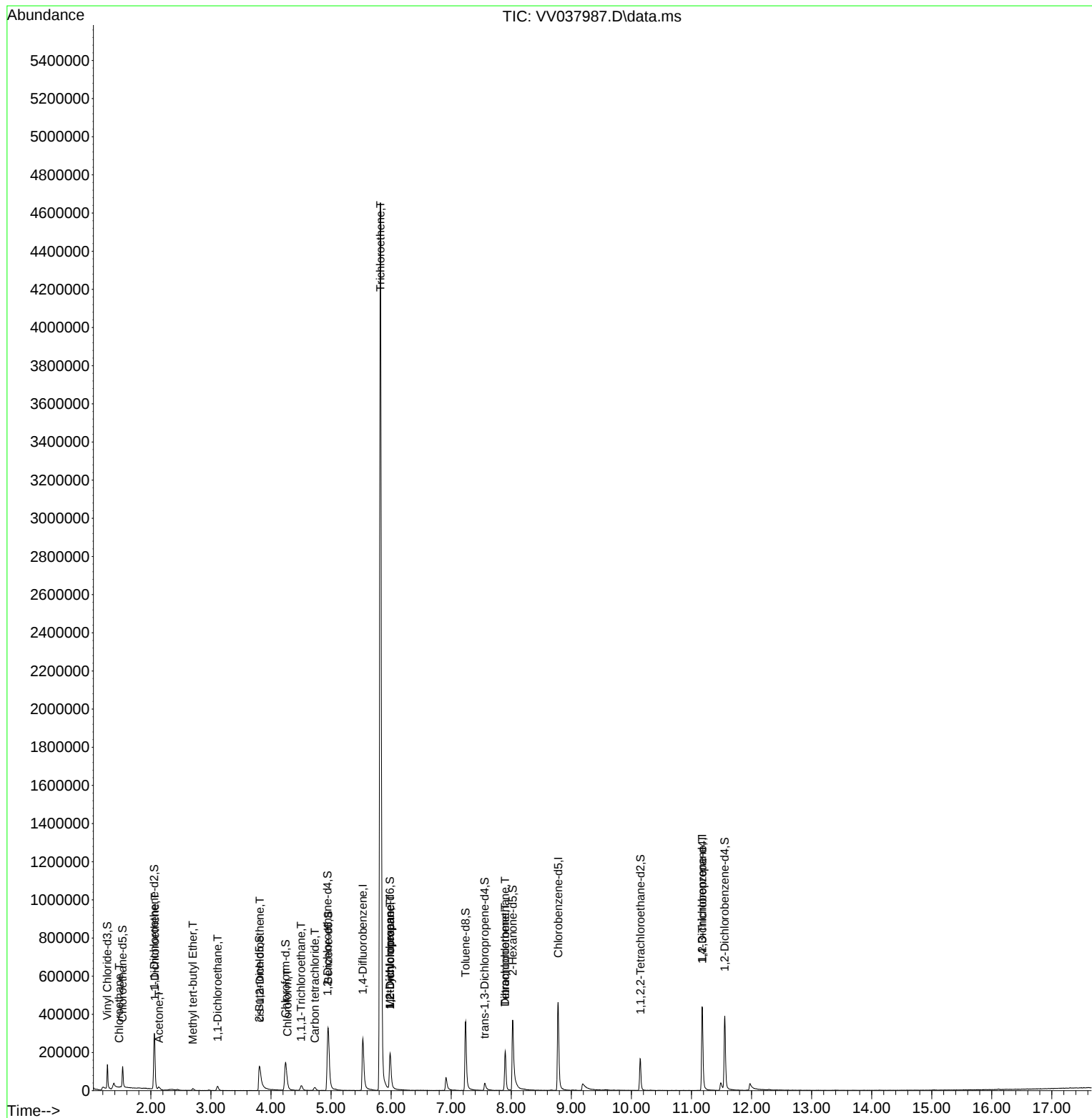
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	256768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	280851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	129279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84279	4.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.529	69	69252	4.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.056	65	36726	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.805	46	177778	48.532	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.060%
24) Chloroform-d	4.243	84	164639	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.940	65	83447	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.953	84	315592	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.982	67	102764	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.239	98	266016	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	31539	3.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.024	63	154802	48.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	85219	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	109844	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.474	64	2215	0.155	ug/L #	53
12) 1,1-Dichloroethene	2.066	96	36241	2.066	ug/L #	57
13) Acetone	2.137	43	20815	8.005	ug/L	92
17) Methyl tert-butyl Ether	2.699	73	8901	0.227	ug/L #	88
19) 1,1-Dichloroethane	3.111	63	23958	0.696	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	28051	1.405	ug/L	90
25) Chloroform	4.275	83	12824	0.355	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	21244	0.633	ug/L	98
31) Carbon tetrachloride	4.731	117	12677	0.430	ug/L	99
34) Trichloroethene	5.821	95	1661474	77.743	ug/L	98
35) Methylcyclohexane	5.982	83	23907	0.751	ug/L #	19
37) 1,2-Dichloropropane	5.985	63	10687	0.554	ug/L #	86
47) Tetrachloroethene	7.899	164	47880	2.882	ug/L	97
49) Dibromochloromethane	7.899	129	44802	2.684	ug/L #	12
61) 1,2,3-Trichloropropane	11.178	75	13924	1.377	ug/L #	63

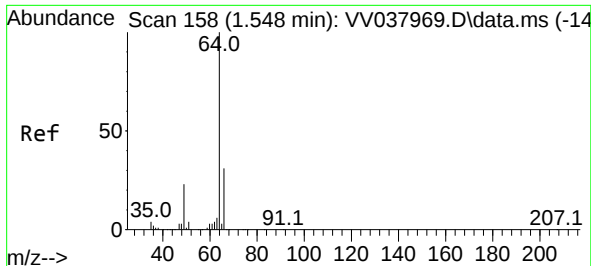
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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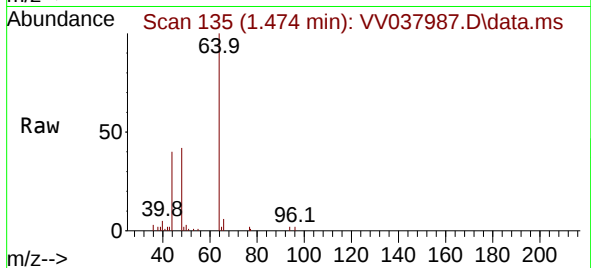
Quant Time: Nov 09 02:25:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
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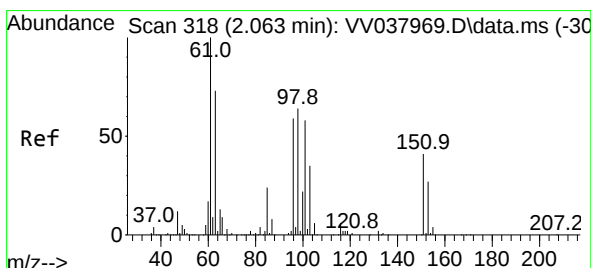
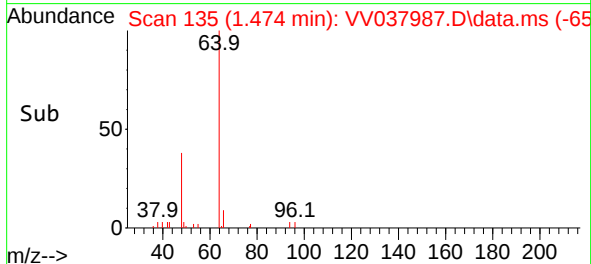
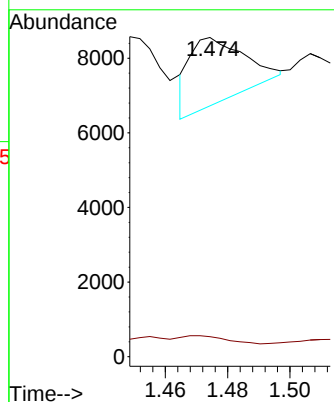


#8
Chloroethane
Concen: 0.155 ug/L
RT: 1.474 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV037987.D
Acq: 08 Nov 2024 18:36

Instrument :
MSVOA_V
ClientSampleId :

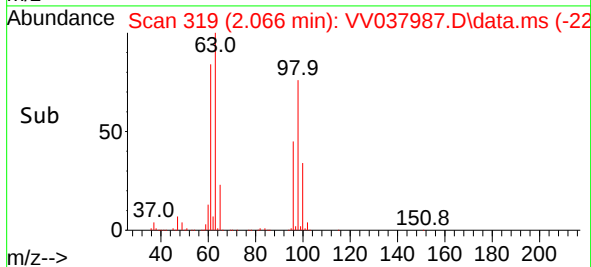
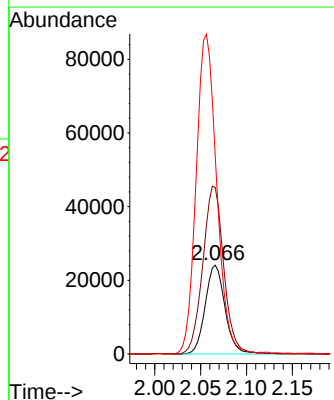
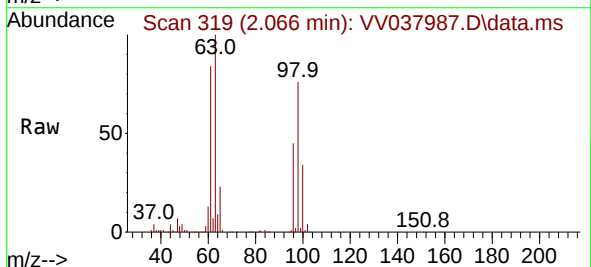


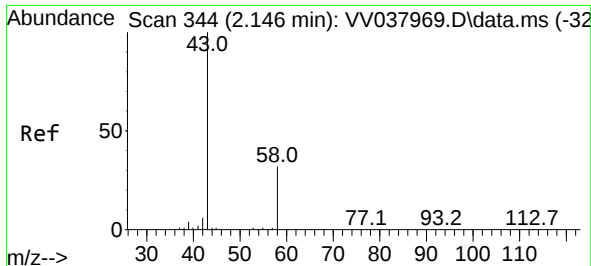
Tgt Ion: 64 Resp: 2215
Ion Ratio Lower Upper
64 100
66 6.3 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 2.066 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037987.D
Acq: 08 Nov 2024 18:36

Tgt Ion: 96 Resp: 36241
Ion Ratio Lower Upper
96 100
61 187.5 117.4 218.0
63 222.9 91.7 170.3#





#13

Acetone

Concen: 8.005 ug/L

RT: 2.137 min Scan# 344

Delta R.T. -0.010 min

Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

Instrument :

MSVOA_V

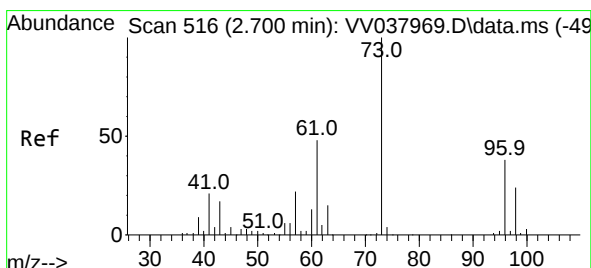
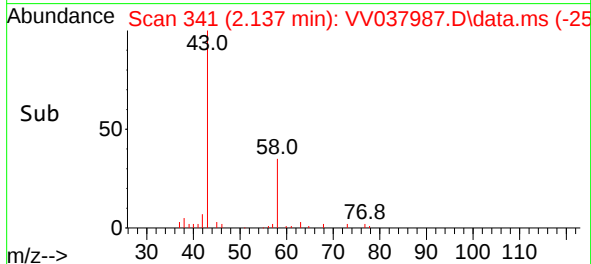
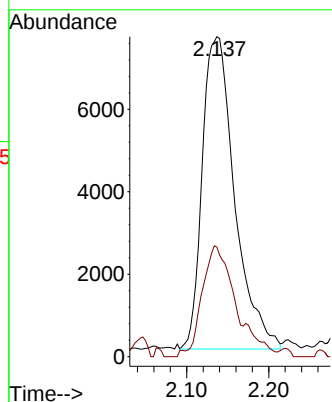
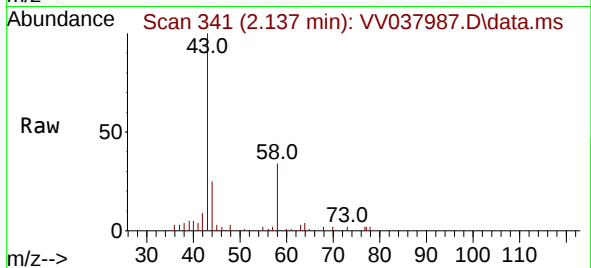
ClientSampleId :

Tgt Ion: 43 Resp: 20815

Ion Ratio Lower Upper

43 100

58 37.0 0.0 64.6



#17

Methyl tert-butyl Ether

Concen: 0.227 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

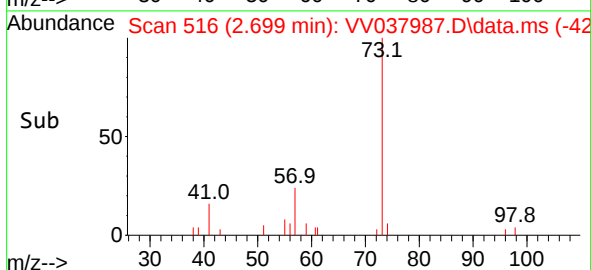
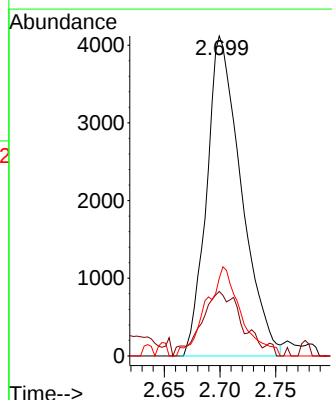
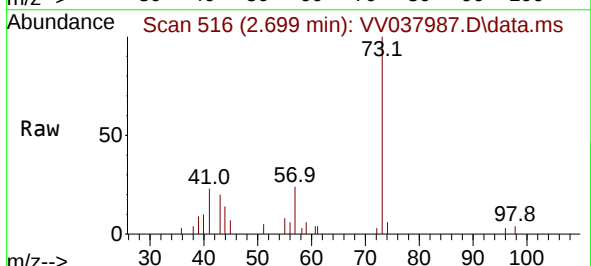
Tgt Ion: 73 Resp: 8901

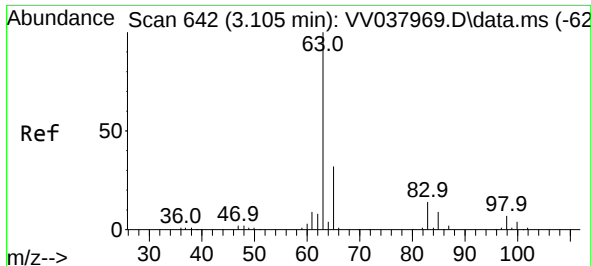
Ion Ratio Lower Upper

73 100

43 23.2 14.4 21.6#

57 28.0 17.8 26.6#





#19

1,1-Dichloroethane

Concen: 0.696 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV037987.D

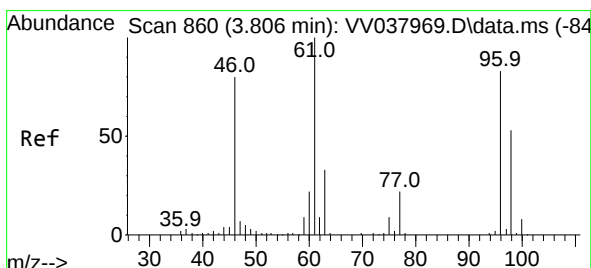
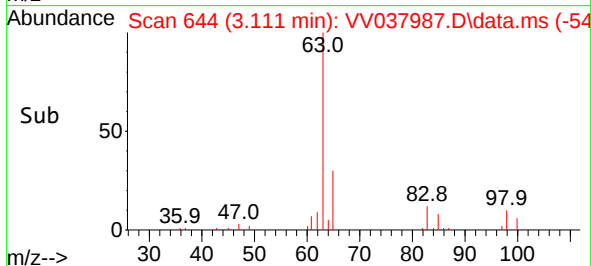
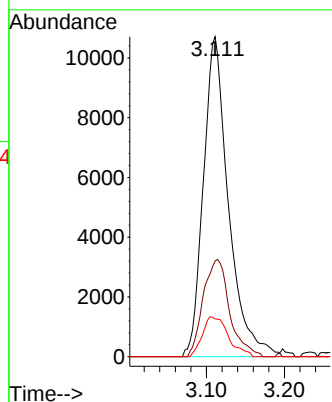
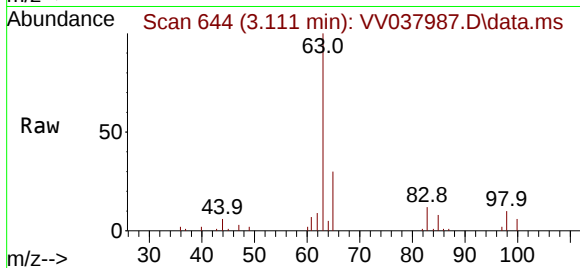
Acq: 08 Nov 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	23958
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.3	41.3
83	11.8	9.5	17.7



#22

cis-1,2-Dichloroethene

Concen: 1.405 ug/L

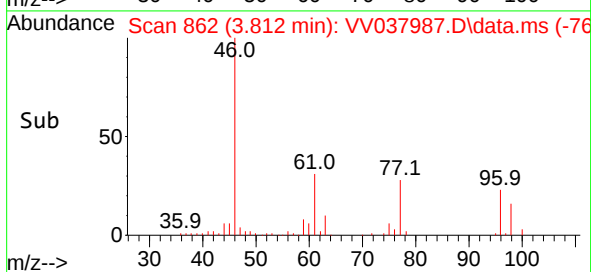
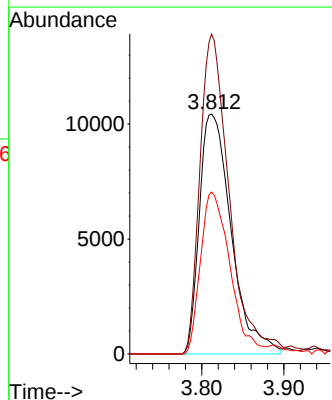
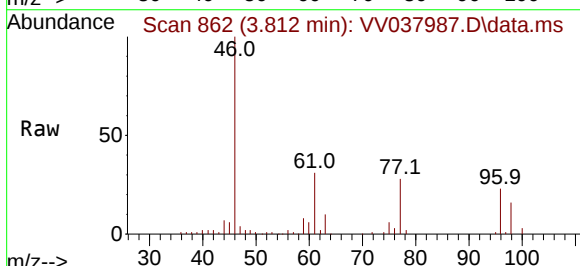
RT: 3.812 min Scan# 862

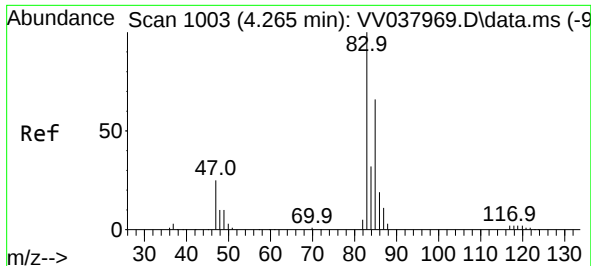
Delta R.T. 0.006 min

Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

Tgt Ion:	96	Resp:	28051
Ion	Ratio	Lower	Upper
96	100		
61	133.5	83.4	154.8
98	67.5	44.6	82.8

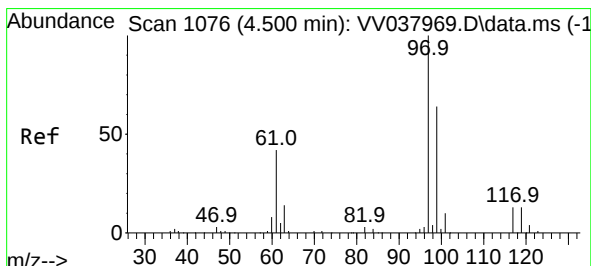
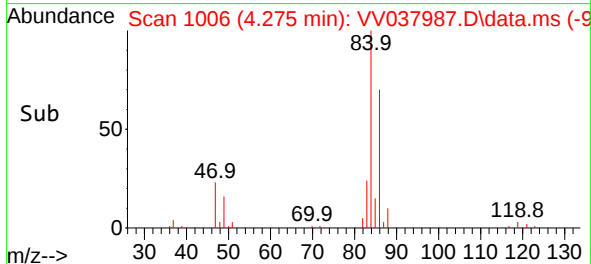
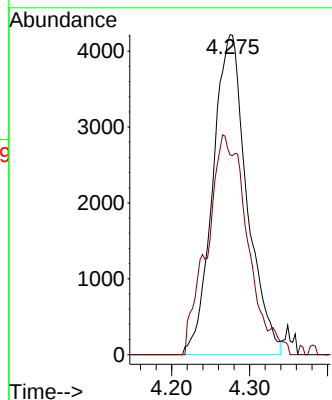
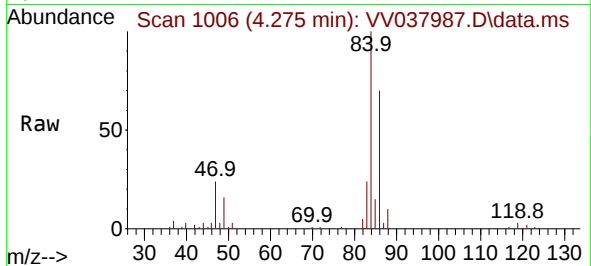




#25
Chloroform
Concen: 0.355 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV037987.D
Acq: 08 Nov 2024 18:36

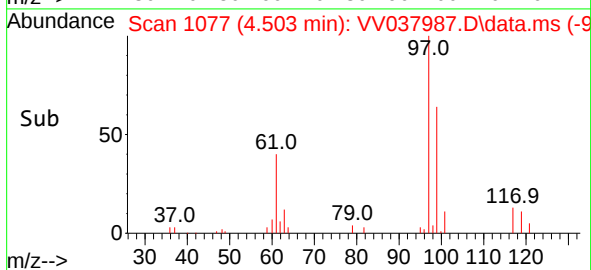
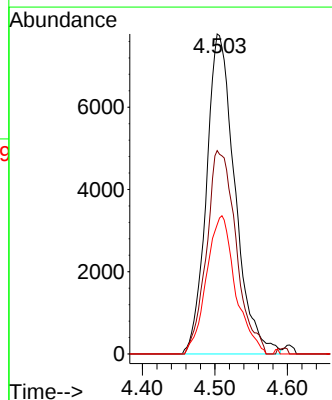
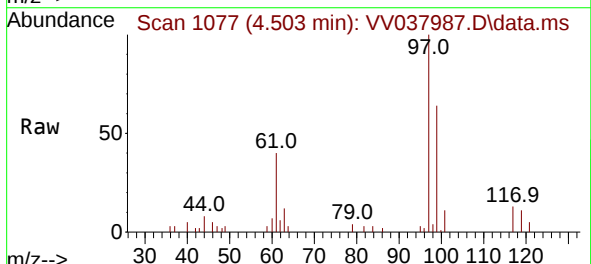
Instrument :
MSVOA_V
ClientSampleId :

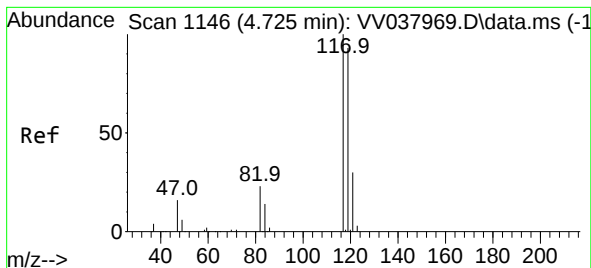
Tgt Ion: 83 Resp: 12824
Ion Ratio Lower Upper
83 100
85 62.4 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 0.633 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037987.D
Acq: 08 Nov 2024 18:36

Tgt Ion: 97 Resp: 21244
Ion Ratio Lower Upper
97 100
99 65.9 52.1 78.1
61 43.9 33.3 49.9





#31

Carbon tetrachloride

Concen: 0.430 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.006 min

Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

Instrument :

MSVOA_V

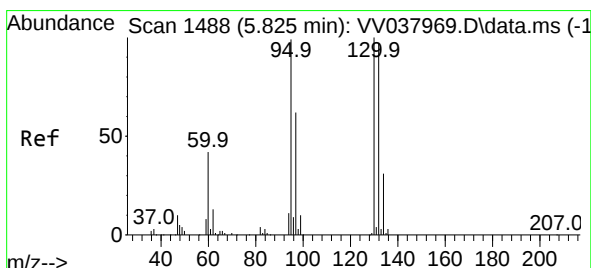
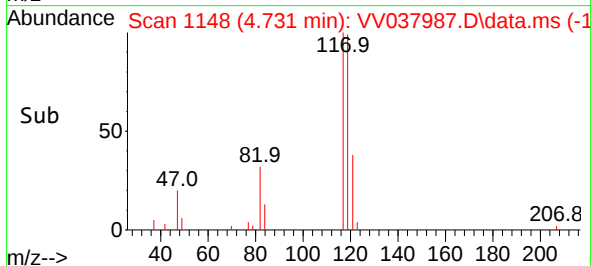
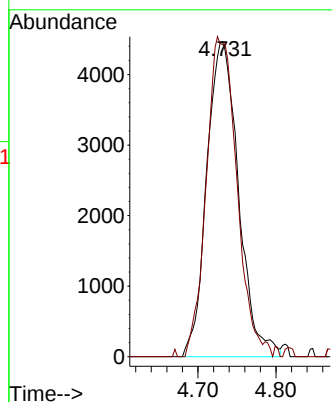
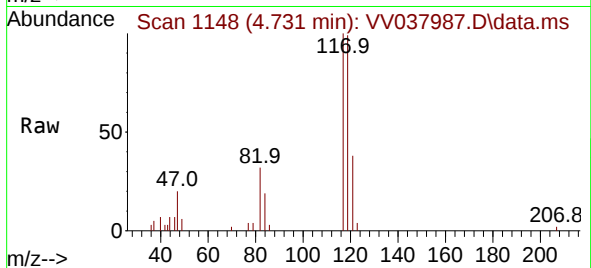
ClientSampleId :

Tgt Ion:117 Resp: 12677

Ion Ratio Lower Upper

117 100

119 97.4 77.2 115.8



#34

Trichloroethene

Concen: 77.743 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.003 min

Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

Tgt Ion: 95 Resp: 1661474

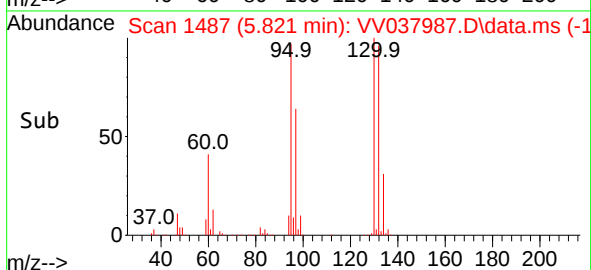
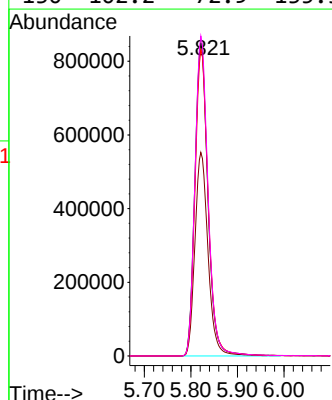
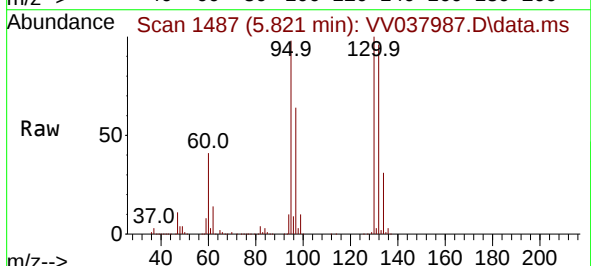
Ion Ratio Lower Upper

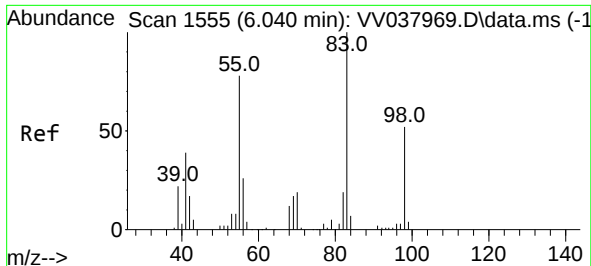
95 100

97 65.0 46.9 87.1

132 97.9 70.5 130.9

130 102.2 72.9 135.3

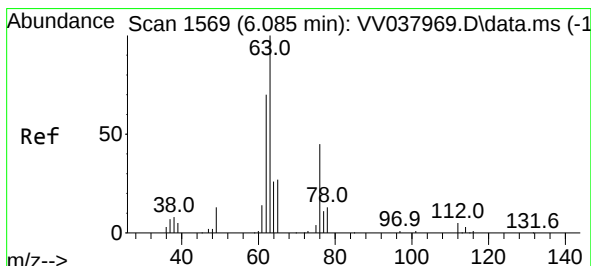
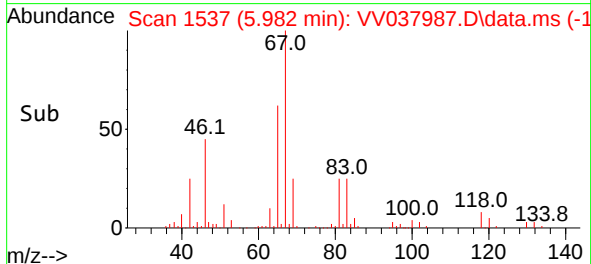
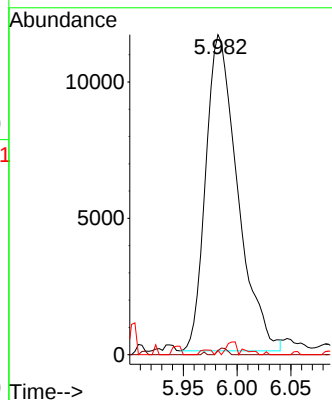
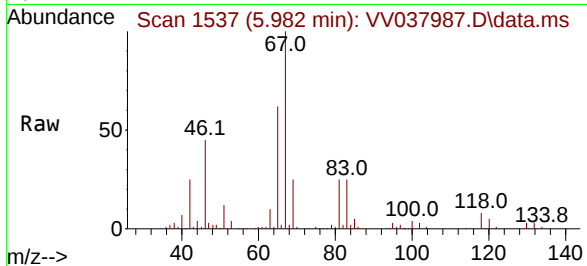




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV037987.D
Acq: 08 Nov 2024 18:36

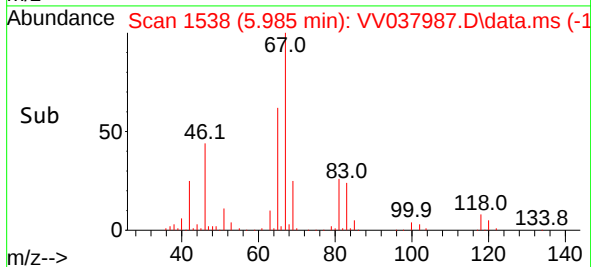
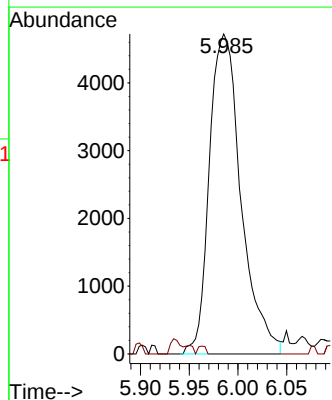
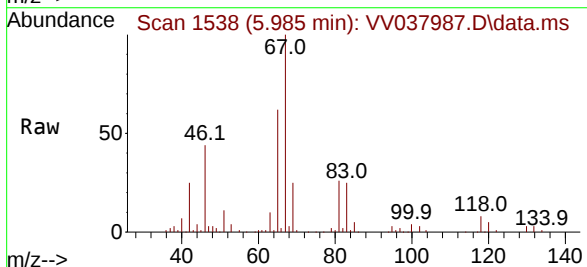
Instrument :
MSVOA_V
ClientSampleId :

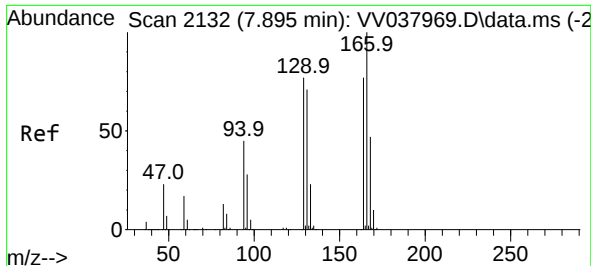
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.3	88.9#
98	0.0	38.3	57.5#



#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.100 min
Lab File: VV037987.D
Acq: 08 Nov 2024 18:36

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.1	6.1#





#47

Tetrachloroethene

Concen: 2.882 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 47880

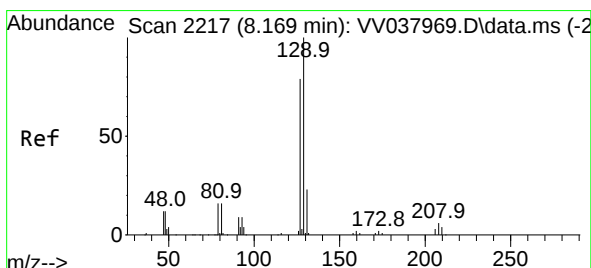
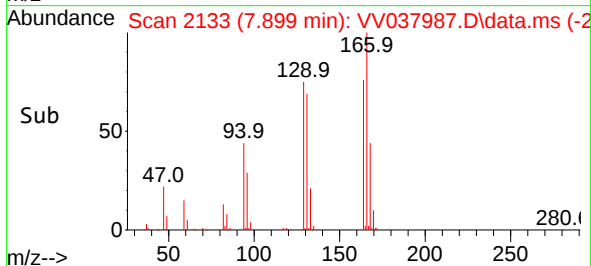
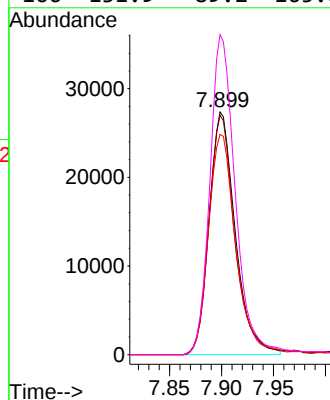
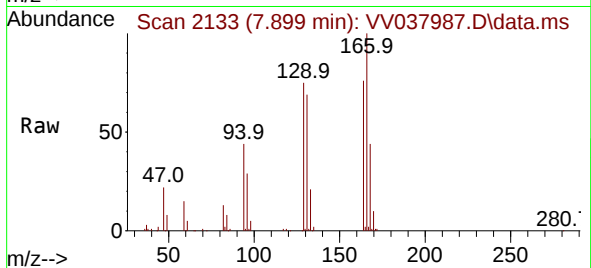
Ion Ratio Lower Upper

164 100

129 98.7 66.8 124.2

131 90.8 65.2 121.2

166 131.9 89.2 165.8



#49

Dibromochloromethane

Concen: 2.684 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV037987.D

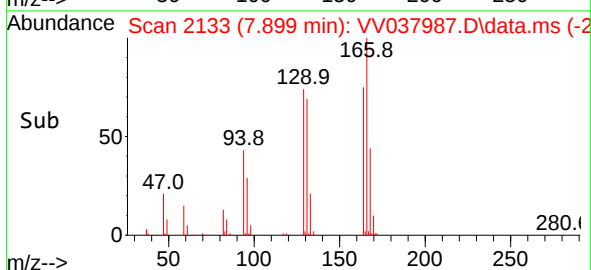
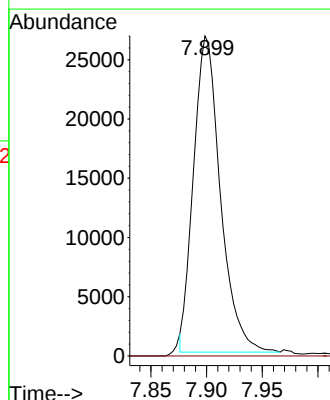
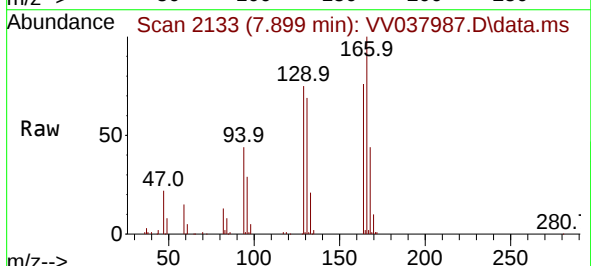
Acq: 08 Nov 2024 18:36

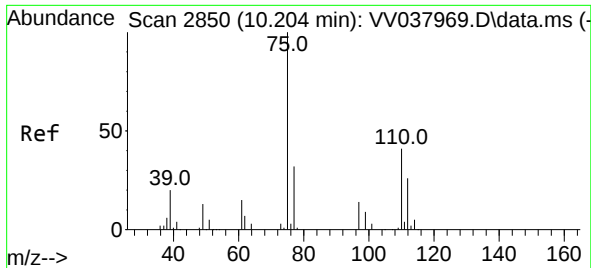
Tgt Ion:129 Resp: 44802

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#





#61

1,2,3-Trichloropropane

Concen: 1.377 ug/L

RT: 11.178 min Scan# 31

Delta R.T. 0.974 min

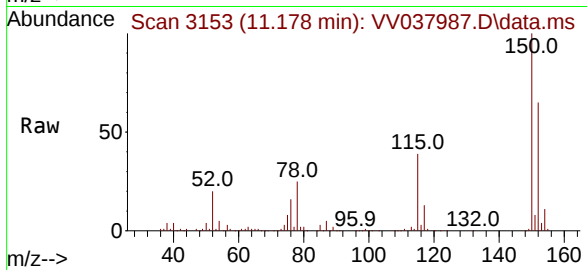
Lab File: VV037987.D

Acq: 08 Nov 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 13924

Ion Ratio Lower Upper

75 100

77 34.6 24.9 37.3

110 3.8 33.5 50.3#

