

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037988.D
 Acq On : 08 Nov 2024 19:00
 Operator : SY/MD
 Sample : P4749-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 02:26:19 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)

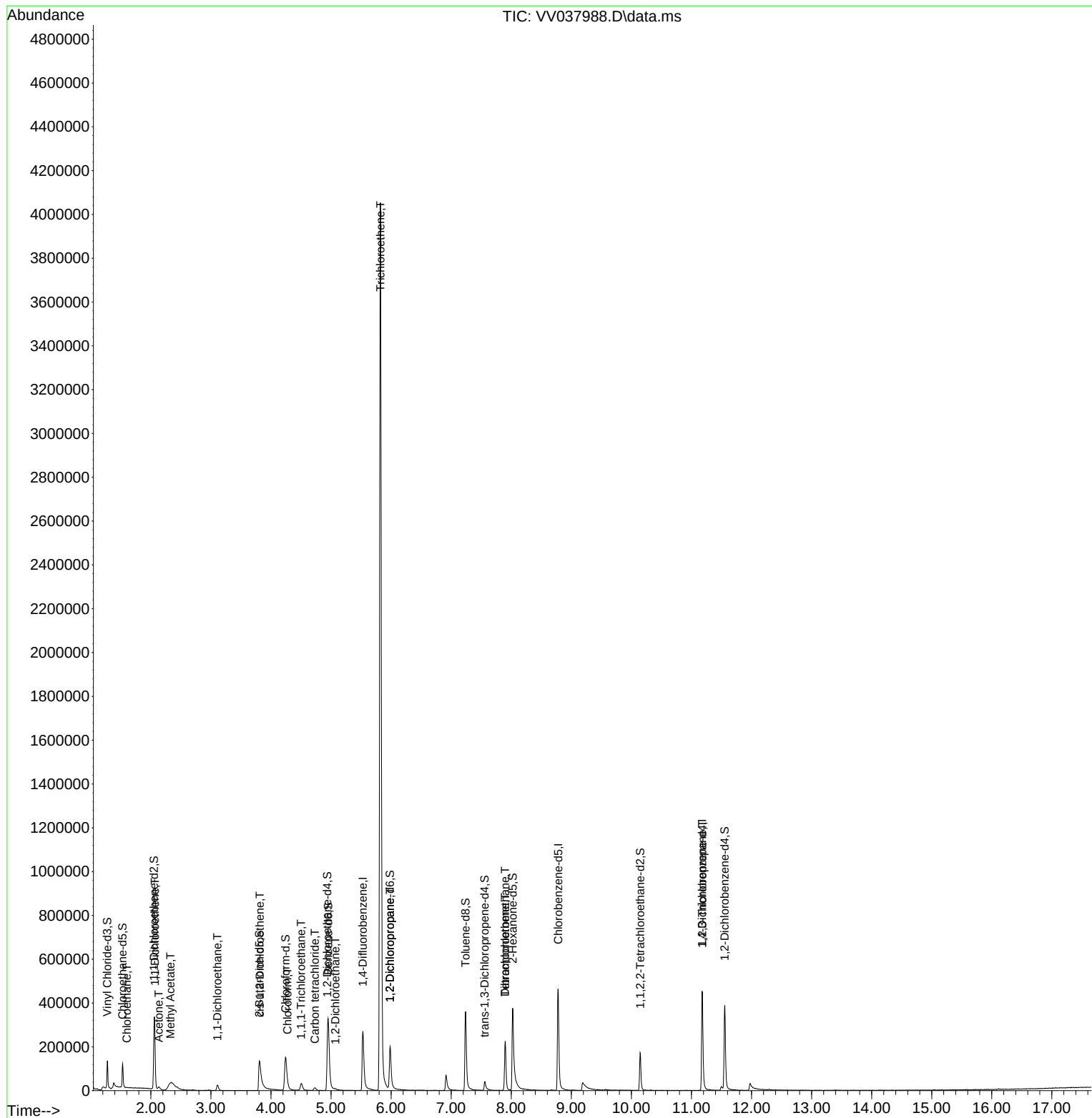
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	258835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	282844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	129785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83899	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.529	69	70978	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.053	65	36543	4.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.806	46	174973	47.385	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.780%
24) Chloroform-d	4.243	84	168532	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.937	65	83962	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.953	84	313504	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.982	67	103856	4.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.240	98	266379	4.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.558	79	31422	3.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.024	63	148967	46.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86606	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	108653	5.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.600	64	1802	0.125	ug/L #	50
12) 1,1-Dichloroethene	2.066	96	50071	2.832	ug/L	88
13) Acetone	2.134	43	19858	7.576	ug/L	92
15) Methyl Acetate	2.327	43	1055	0.170	ug/L #	48
19) 1,1-Dichloroethane	3.108	63	27005	0.778	ug/L	100
22) cis-1,2-Dichloroethene	3.812	96	30963	1.539	ug/L	98
25) Chloroform	4.275	83	18618	0.511	ug/L	94
27) 1,2-Dichloroethane	5.072	62	2854	0.141	ug/L #	75
29) 1,1,1-Trichloroethane	4.503	97	26808	0.793	ug/L	98
31) Carbon tetrachloride	4.732	117	10444	0.352	ug/L	97
34) Trichloroethene	5.822	95	1473407	68.458	ug/L	97
37) 1,2-Dichloropropane	5.982	63	11022	0.567	ug/L #	85
47) Tetrachloroethene	7.899	164	52271	3.124	ug/L	93
49) Dibromochloromethane	7.899	129	49428	2.941	ug/L #	12
61) 1,2,3-Trichloropropane	11.178	75	14508	1.430	ug/L #	60

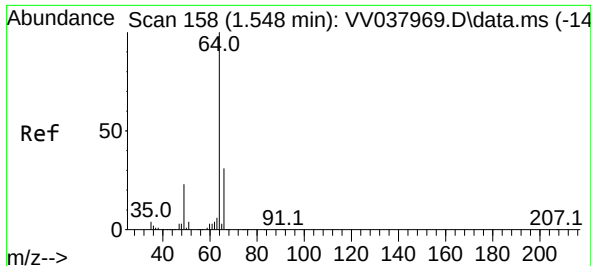
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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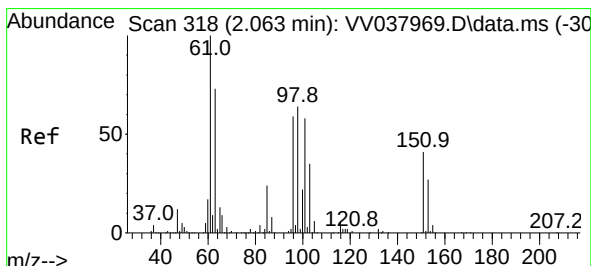
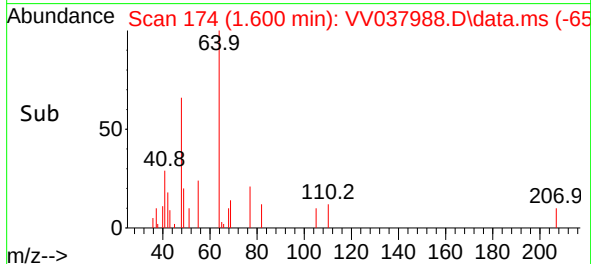
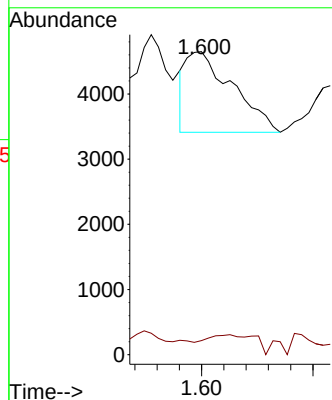
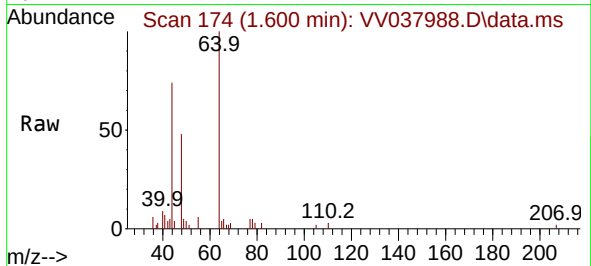




#8
Chloroethane
Concen: 0.125 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.051 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

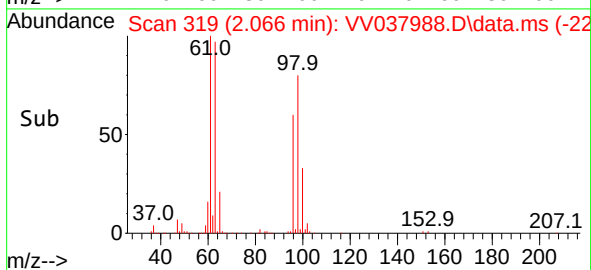
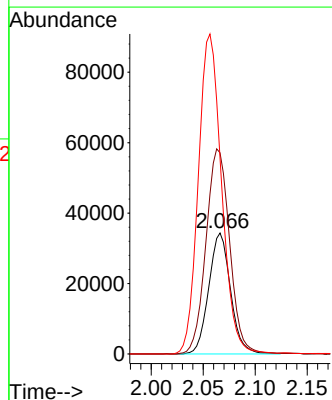
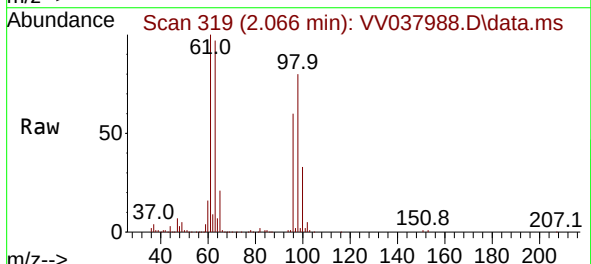
Instrument :
MSVOA_V
ClientSampleId :

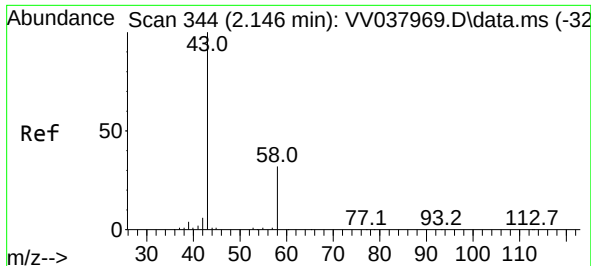
Tgt Ion: 64 Resp: 1802
Ion Ratio Lower Upper
64 100
66 4.6 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 2.832 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

Tgt Ion: 96 Resp: 50071
Ion Ratio Lower Upper
96 100
61 166.3 117.4 218.0
63 161.8 91.7 170.3





#13

Acetone

Concen: 7.576 ug/L

RT: 2.134 min Scan# 344

Delta R.T. -0.013 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Instrument :

MSVOA_V

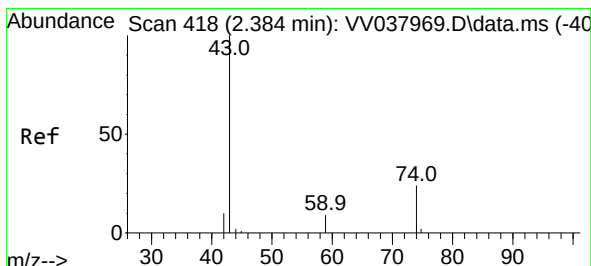
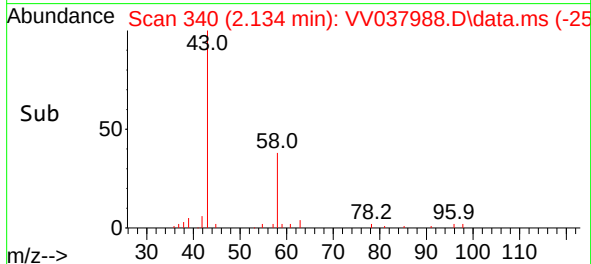
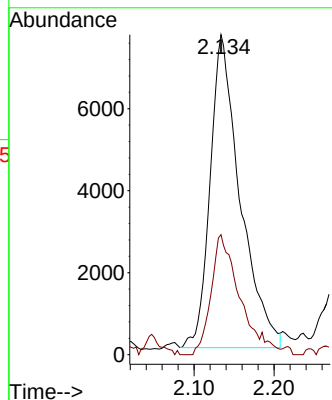
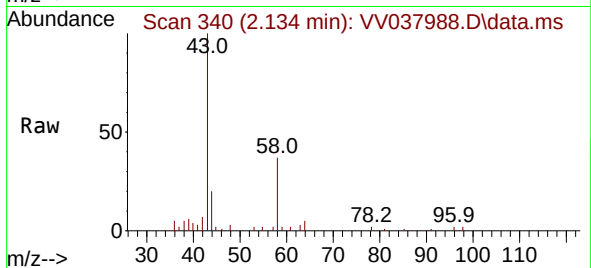
ClientSampleId :

Tgt Ion: 43 Resp: 19858

Ion Ratio Lower Upper

43 100

58 36.7 0.0 64.6



#15

Methyl Acetate

Concen: 0.170 ug/L

RT: 2.327 min Scan# 400

Delta R.T. -0.058 min

Lab File: VV037988.D

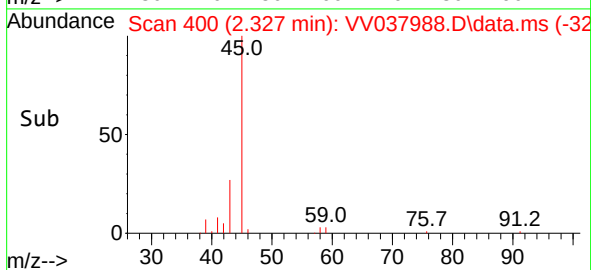
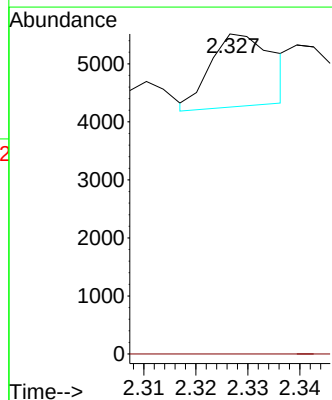
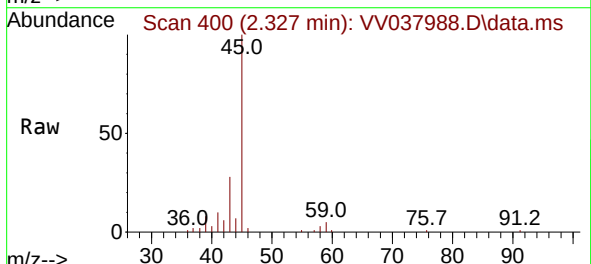
Acq: 08 Nov 2024 19:00

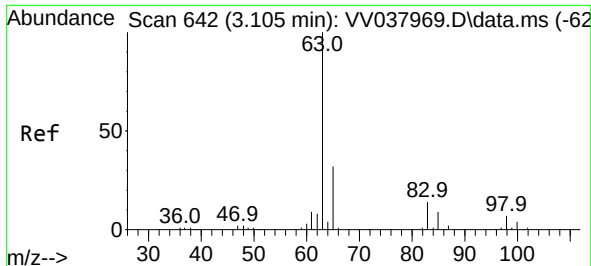
Tgt Ion: 43 Resp: 1055

Ion Ratio Lower Upper

43 100

74 0.0 21.8 32.8#





#19

1,1-Dichloroethane

Concen: 0.778 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037988.D

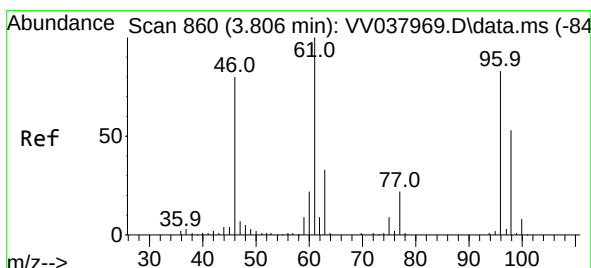
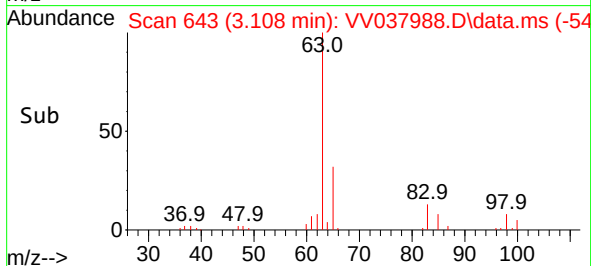
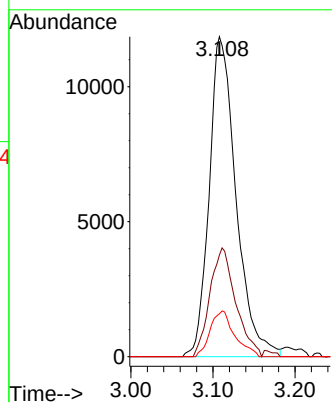
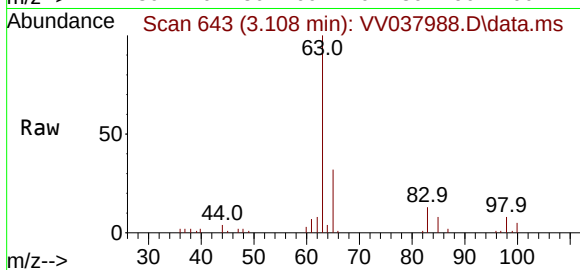
Acq: 08 Nov 2024 19:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	27005
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.3
83	13.4	9.5	17.7



#22

cis-1,2-Dichloroethene

Concen: 1.539 ug/L

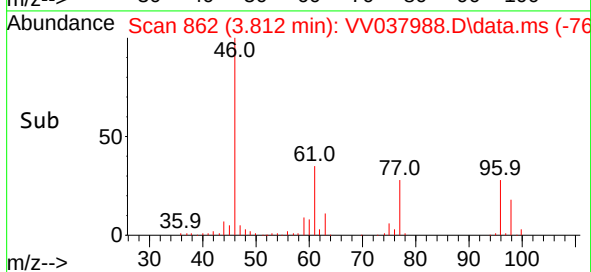
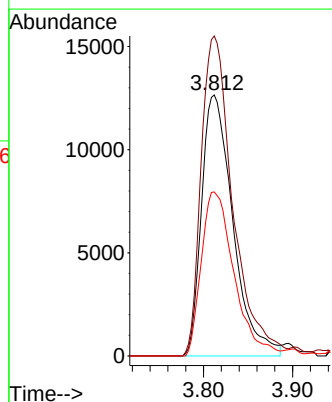
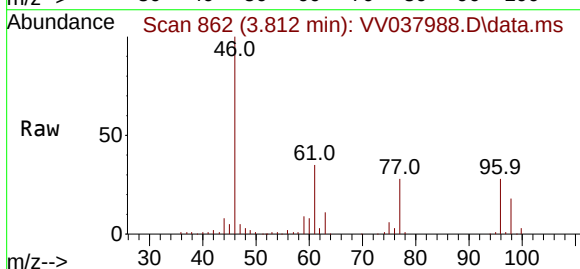
RT: 3.812 min Scan# 862

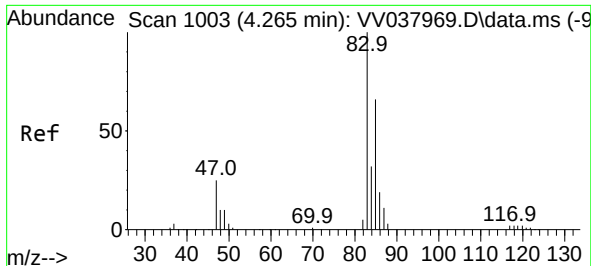
Delta R.T. 0.006 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Tgt Ion:	96	Resp:	30963
Ion	Ratio	Lower	Upper
96	100		
61	122.6	83.4	154.8
98	62.8	44.6	82.8

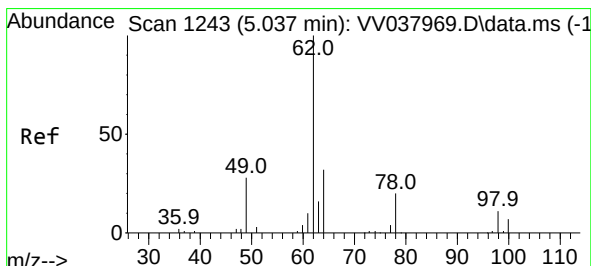
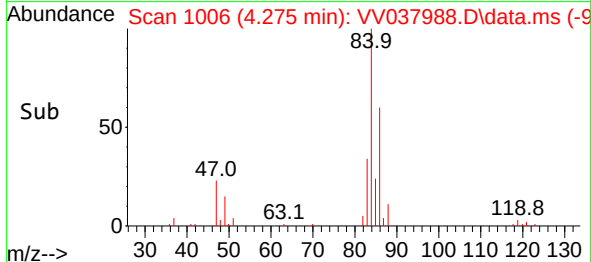
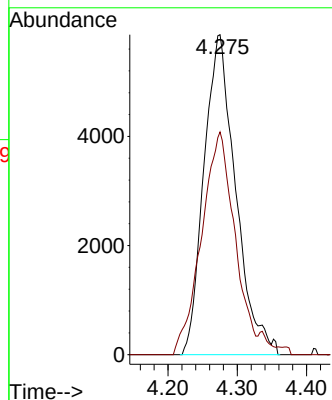
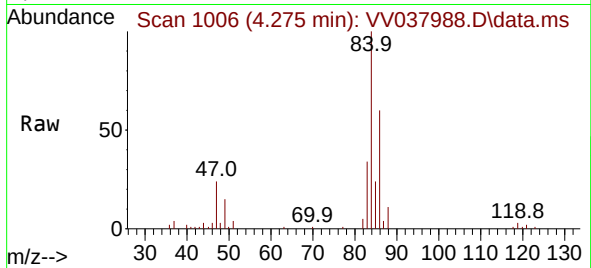




#25
Chloroform
Concen: 0.511 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

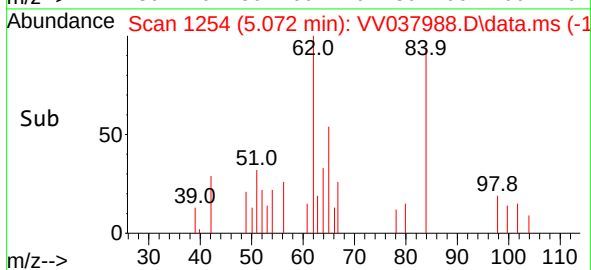
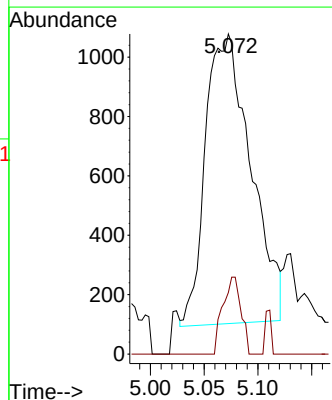
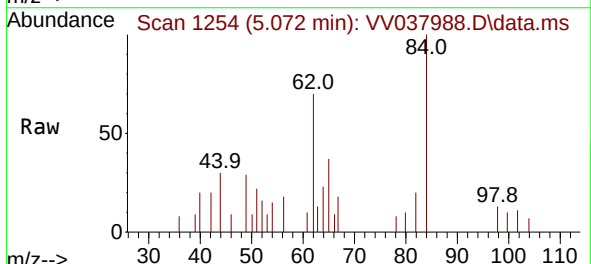
Instrument :
MSVOA_V
ClientSampleId :

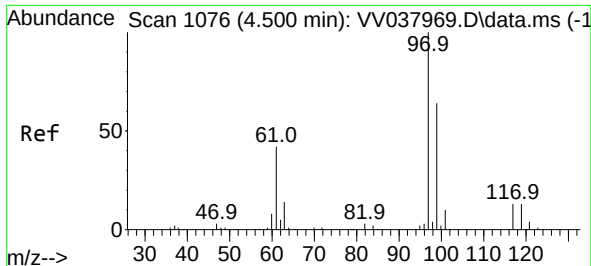
Tgt Ion: 83 Resp: 18618
Ion Ratio Lower Upper
83 100
85 69.6 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.141 ug/L
RT: 5.072 min Scan# 1254
Delta R.T. 0.035 min
Lab File: VV037988.D
Acq: 08 Nov 2024 19:00

Tgt Ion: 62 Resp: 2854
Ion Ratio Lower Upper
62 100
98 19.2 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.793 ug/L

RT: 4.503 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Instrument :

MSVOA_V

ClientSampleId :

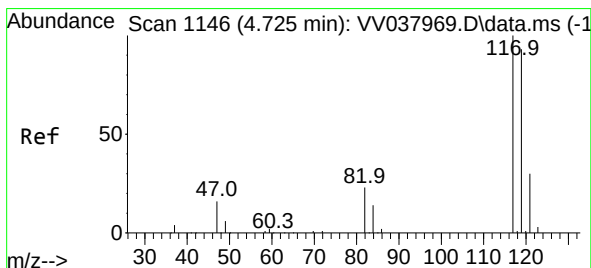
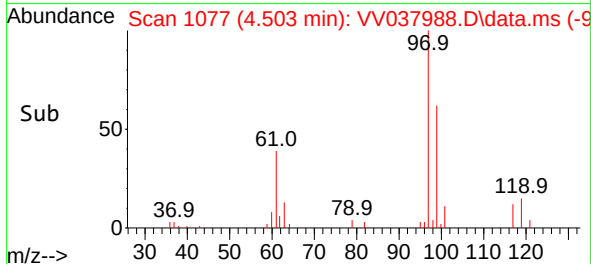
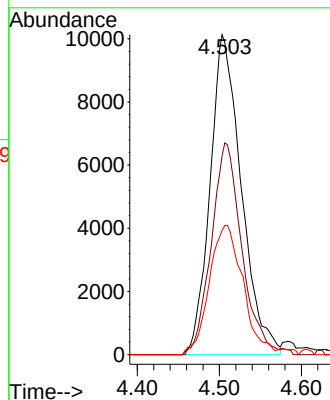
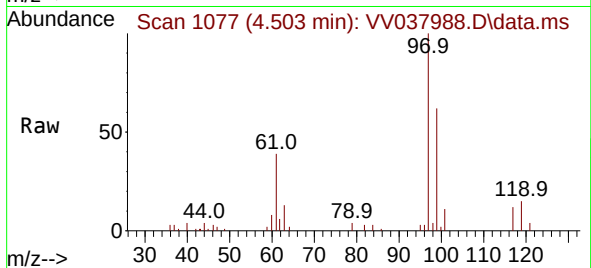
Tgt Ion: 97 Resp: 26808

Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

61 43.3 33.3 49.9



#31

Carbon tetrachloride

Concen: 0.352 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.006 min

Lab File: VV037988.D

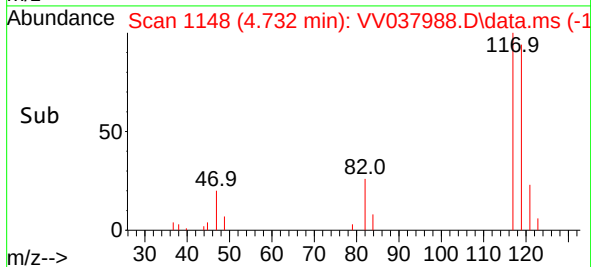
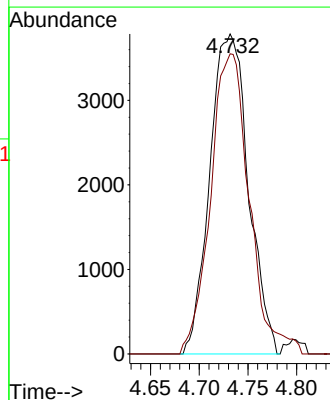
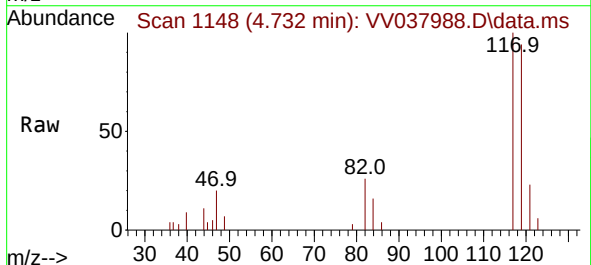
Acq: 08 Nov 2024 19:00

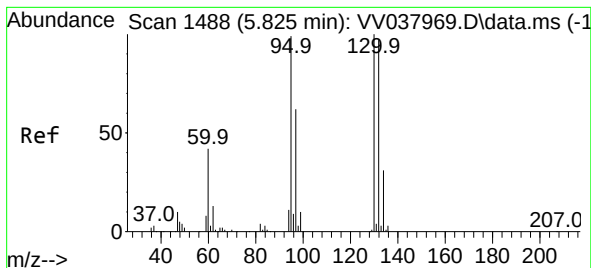
Tgt Ion: 117 Resp: 10444

Ion Ratio Lower Upper

117 100

119 93.9 77.2 115.8





#34

Trichloroethene

Concen: 68.458 ug/L

RT: 5.822 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1473407

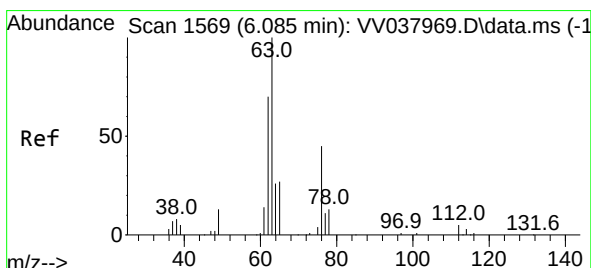
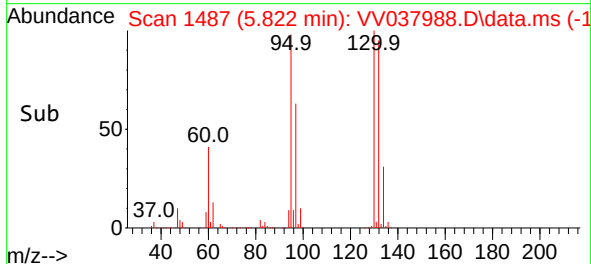
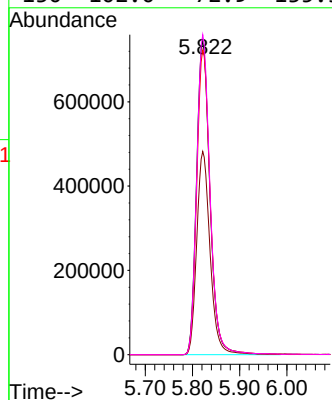
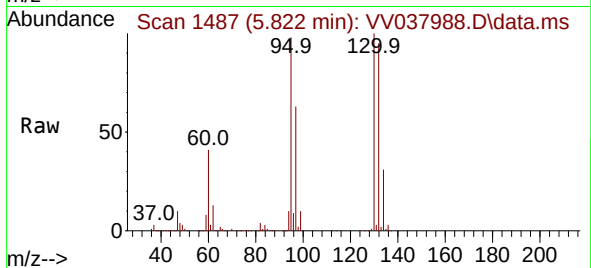
Ion Ratio Lower Upper

95 100

97 64.8 46.9 87.1

132 97.1 70.5 130.9

130 102.0 72.9 135.3



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.103 min

Lab File: VV037988.D

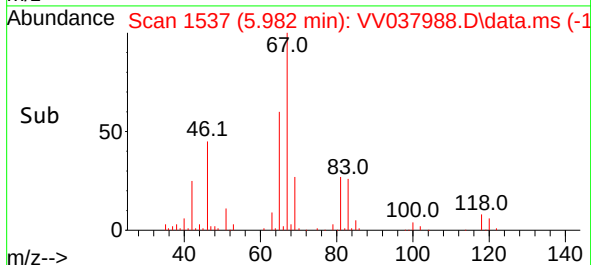
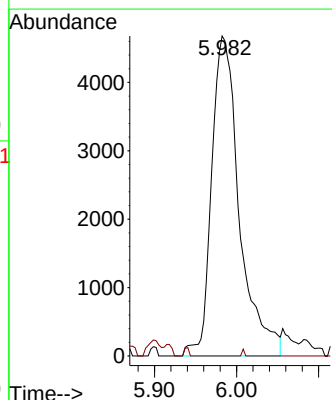
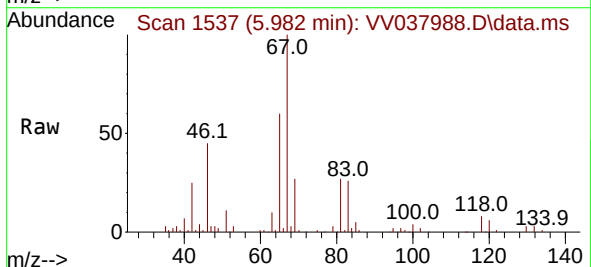
Acq: 08 Nov 2024 19:00

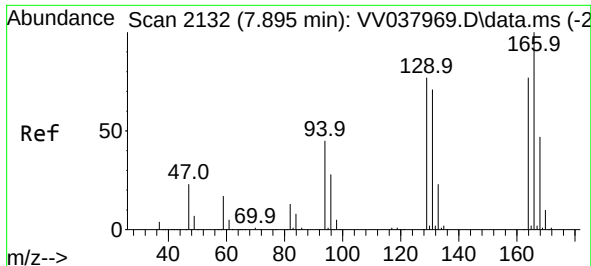
Tgt Ion: 63 Resp: 11022

Ion Ratio Lower Upper

63 100

112 0.2 4.1 6.1#





#47

Tetrachloroethene

Concen: 3.124 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV037988.D

Acq: 08 Nov 2024 19:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 52271

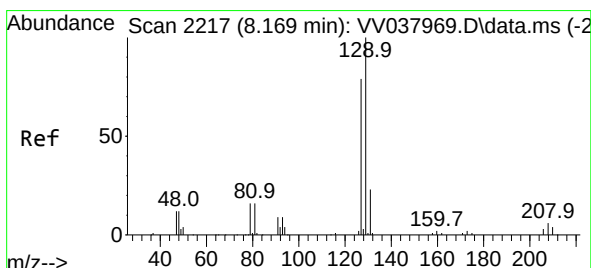
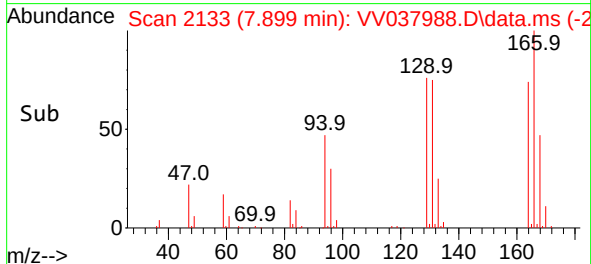
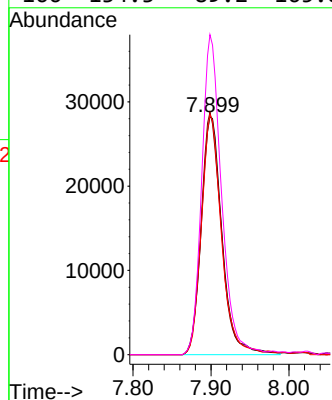
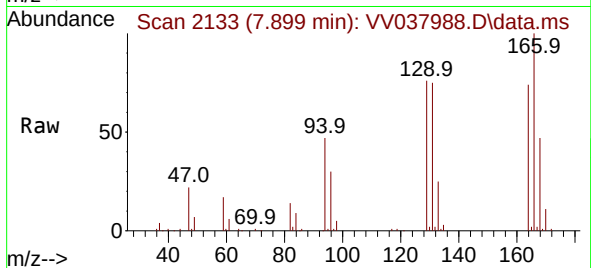
Ion Ratio Lower Upper

164 100

129 101.8 66.8 124.2

131 100.8 65.2 121.2

166 134.3 89.2 165.8



#49

Dibromochloromethane

Concen: 2.941 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV037988.D

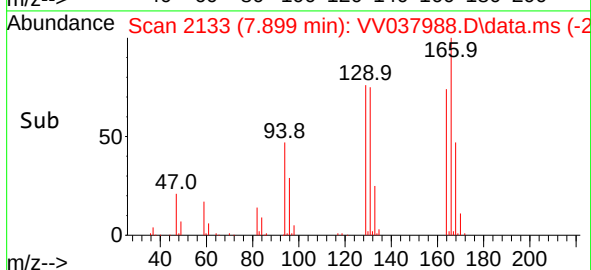
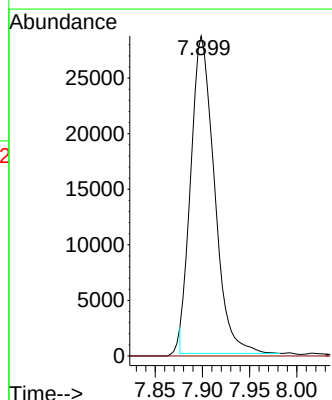
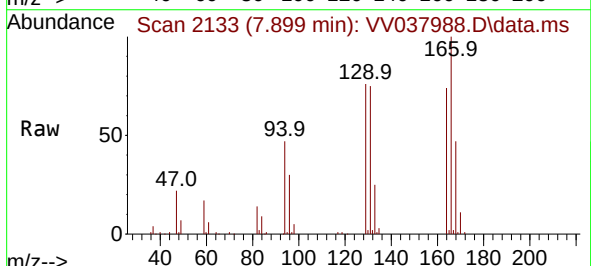
Acq: 08 Nov 2024 19:00

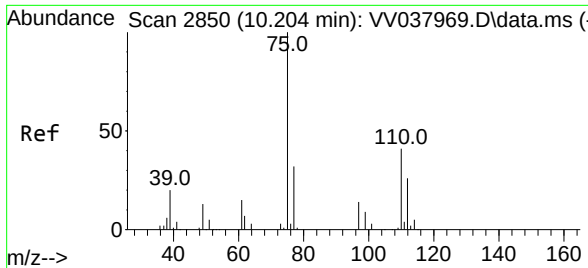
Tgt Ion:129 Resp: 49428

Ion Ratio Lower Upper

129 100

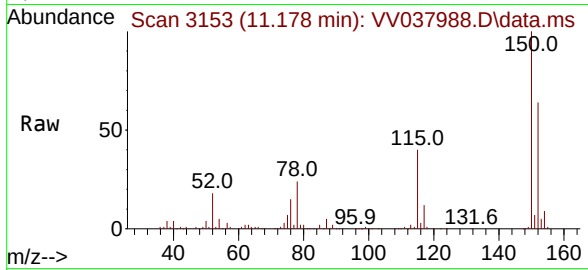
127 0.0 52.2 97.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.430 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV037988.D
 Acq: 08 Nov 2024 19:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	14508
Ion	Ratio	Lower Upper
75	100	
77	37.8	24.9 37.3#
110	3.5	33.5 50.3#

