

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037989.D
 Acq On : 08 Nov 2024 19:24
 Operator : SY/MD
 Sample : P4749-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 02:26:42 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)

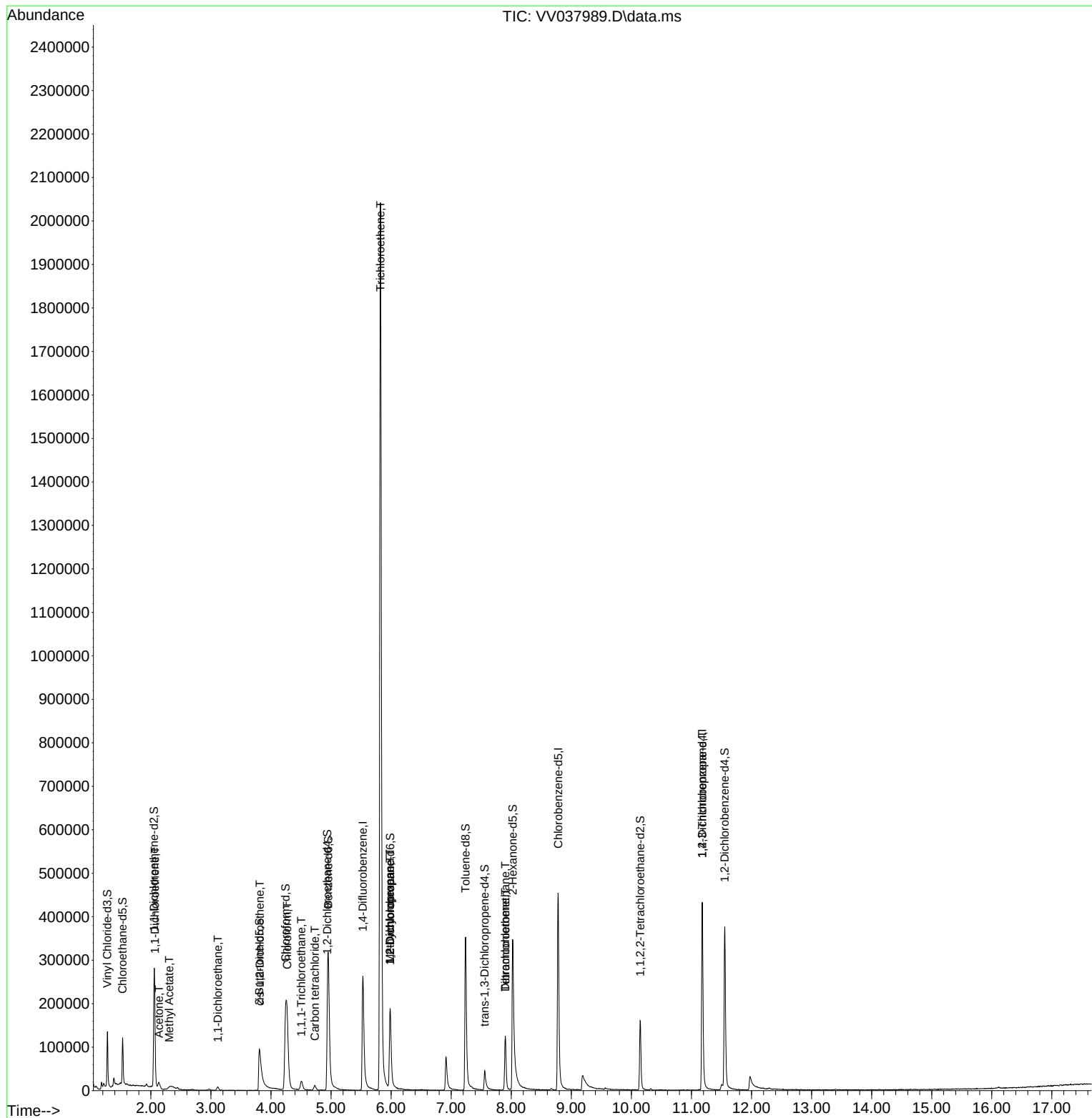
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	252330	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	272088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	125659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81851	4.238	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.529	69	69528	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.053	65	36709	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.806	46	168616	46.841	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.680%
24) Chloroform-d	4.243	84	170500	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.937	65	80112	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.953	84	306212	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.986	67	99192	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.239	98	262144	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.558	79	33567	4.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.024	63	148607	48.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82479	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	102972	4.968	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	30283	1.757	ug/L #	55
13) Acetone	2.137	43	22435	8.780	ug/L	98
15) Methyl Acetate	2.307	43	2125	0.351	ug/L #	48
19) 1,1-Dichloroethane	3.114	63	9036	0.267	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	8941	0.456	ug/L	96
25) Chloroform	4.272	83	159113	4.478	ug/L	96
29) 1,1,1-Trichloroethane	4.507	97	16963	0.522	ug/L	98
31) Carbon tetrachloride	4.728	117	8479	0.297	ug/L	91
34) Trichloroethene	5.822	95	748086	36.132	ug/L	98
35) Methylcyclohexane	5.982	83	24061	0.780	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10560	0.565	ug/L #	86
47) Tetrachloroethene	7.902	164	29436	1.829	ug/L	98
49) Dibromochloromethane	7.902	129	27889	1.725	ug/L #	12
61) 1,2,3-Trichloropropane	11.178	75	13471	1.371	ug/L #	60

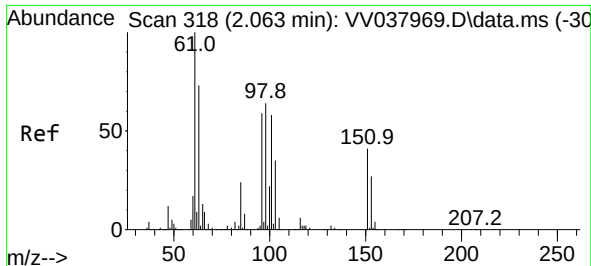
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.757 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :

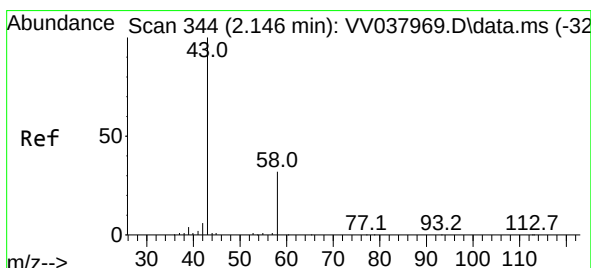
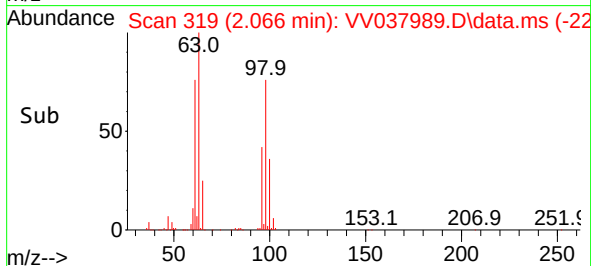
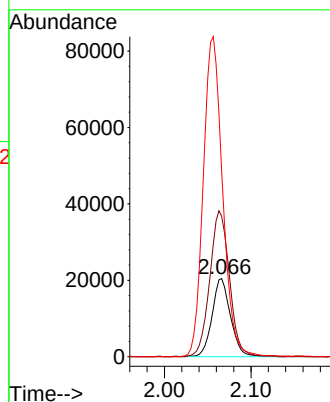
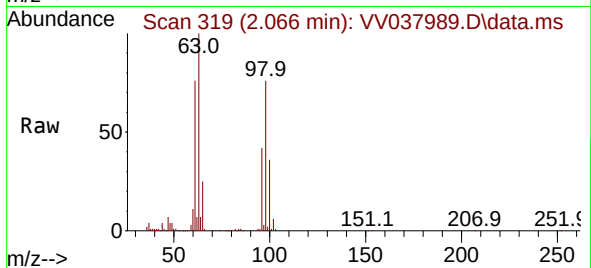
Tgt Ion: 96 Resp: 30283

Ion Ratio Lower Upper

96 100

61 180.0 117.4 218.0

63 238.3 91.7 170.3#



#13

Acetone

Concen: 8.780 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.010 min

Lab File: VV037989.D

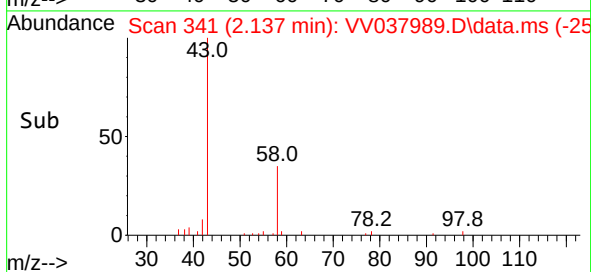
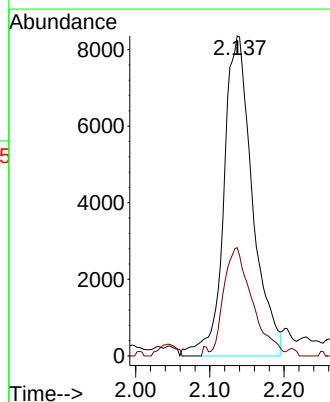
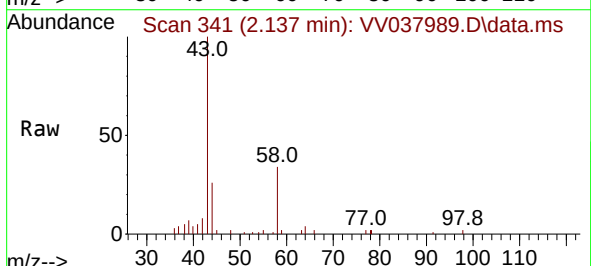
Acq: 08 Nov 2024 19:24

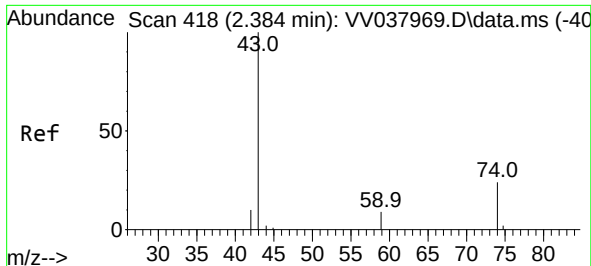
Tgt Ion: 43 Resp: 22435

Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.6

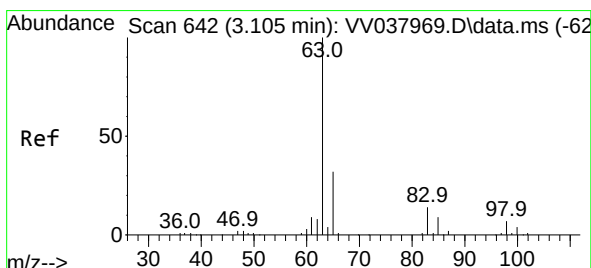
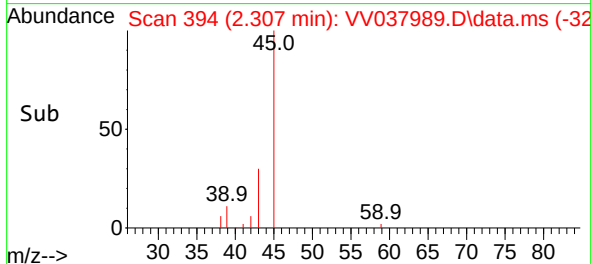
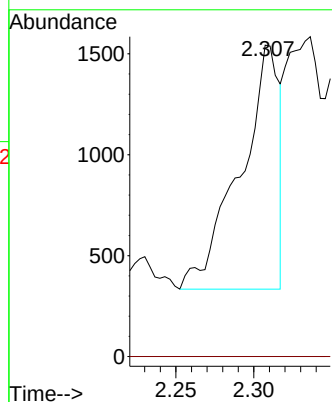
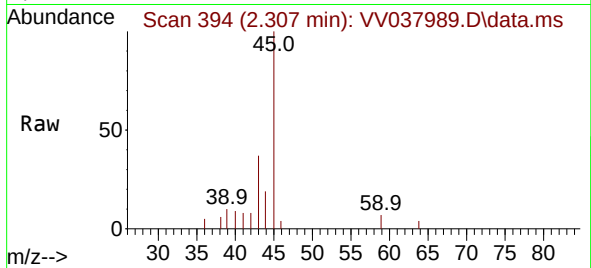




#15
Methyl Acetate
Concen: 0.351 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.077 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

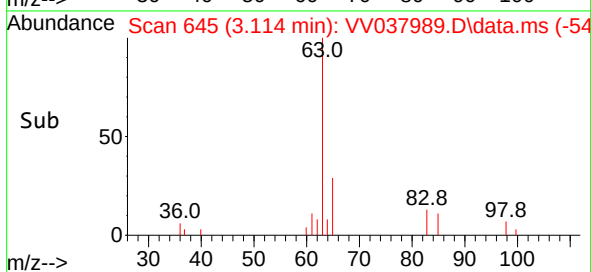
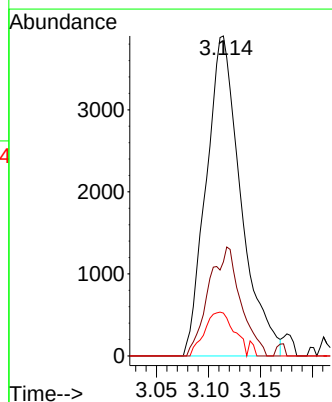
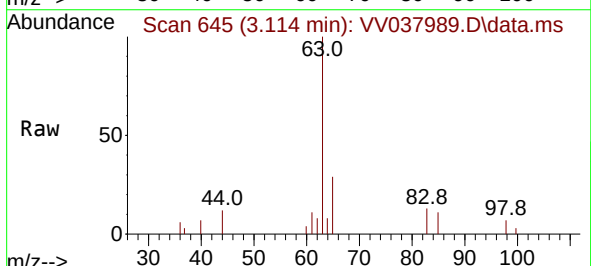
Instrument :
MSVOA_V
ClientSampleId :

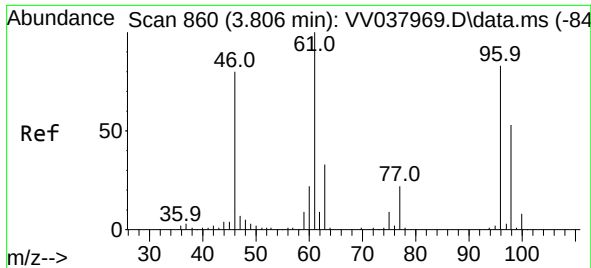
Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.8#



#19
1,1-Dichloroethane
Concen: 0.267 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.010 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

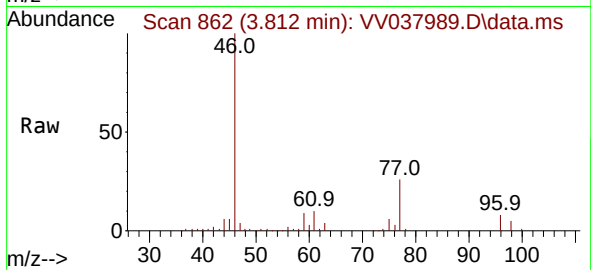
Tgt Ion: 63 Resp: 9036
Ion Ratio Lower Upper
63 100
65 29.4 22.3 41.3
83 13.4 9.5 17.7



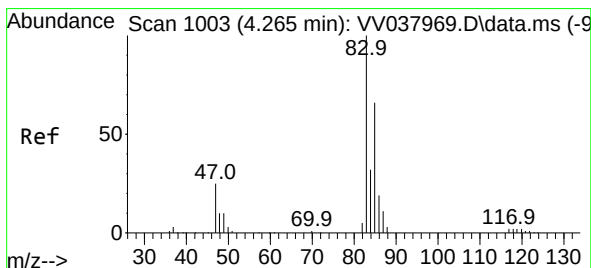
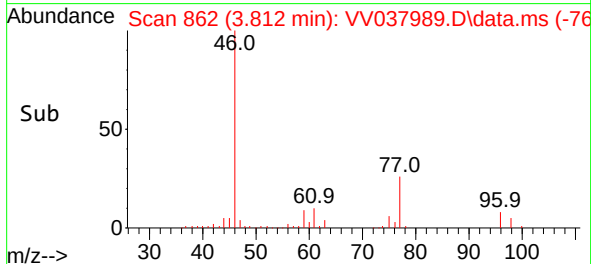
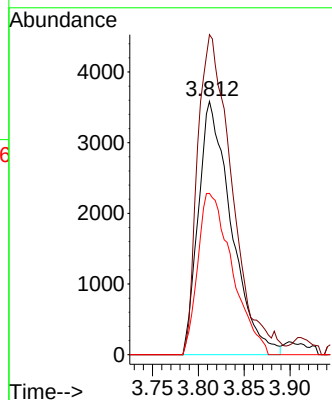


#22
 cis-1,2-Dichloroethene
 Concen: 0.456 ug/L
 RT: 3.812 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV037989.D
 Acq: 08 Nov 2024 19:24

Instrument :
 MSVOA_V
 ClientSampleId :

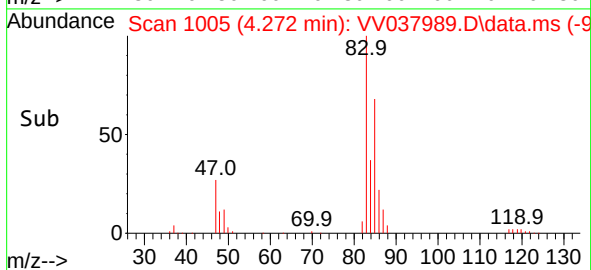
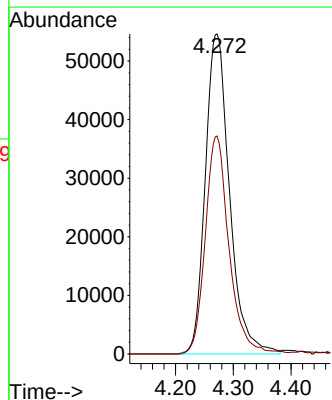
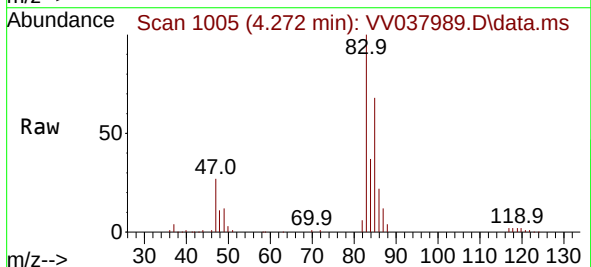


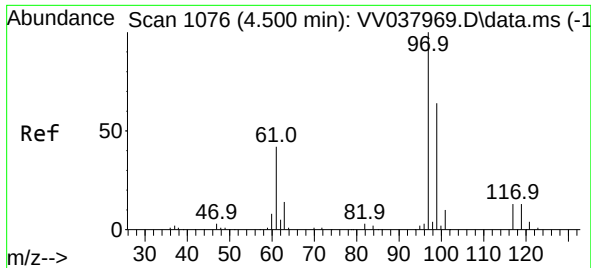
Tgt Ion: 96 Resp: 8941
 Ion Ratio Lower Upper
 96 100
 61 126.3 83.4 154.8
 98 63.7 44.6 82.8



#25
 Chloroform
 Concen: 4.478 ug/L
 RT: 4.272 min Scan# 1005
 Delta R.T. 0.006 min
 Lab File: VV037989.D
 Acq: 08 Nov 2024 19:24

Tgt Ion: 83 Resp: 159113
 Ion Ratio Lower Upper
 83 100
 85 68.1 45.5 84.5

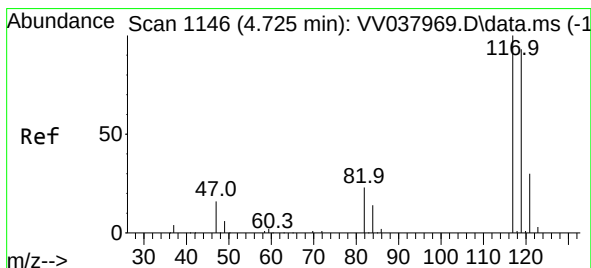
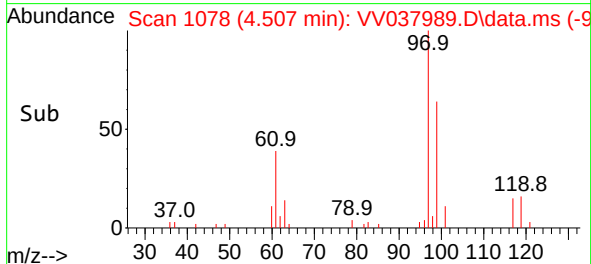
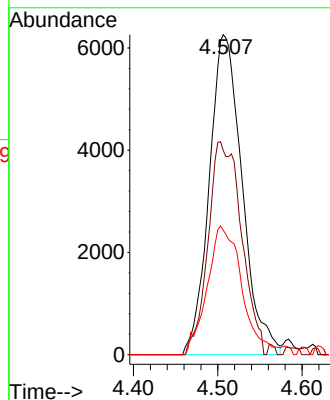
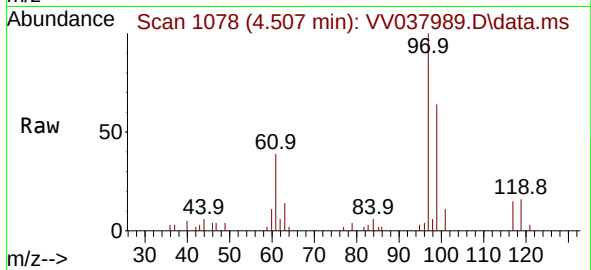




#29
1,1,1-Trichloroethane
Concen: 0.522 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

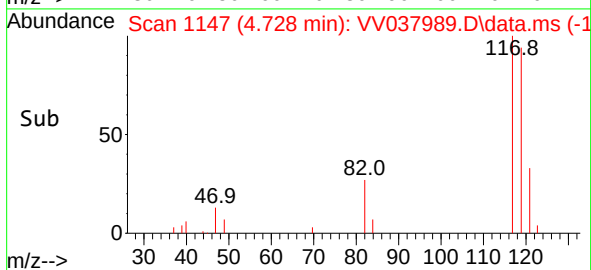
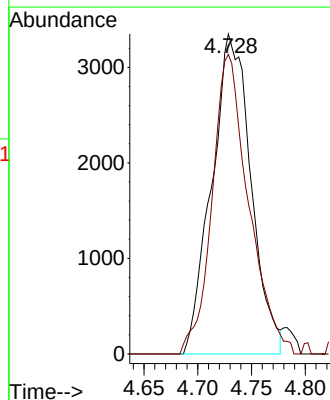
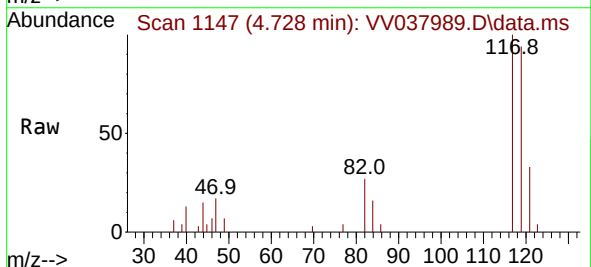
Instrument :
MSVOA_V
ClientSampleId :

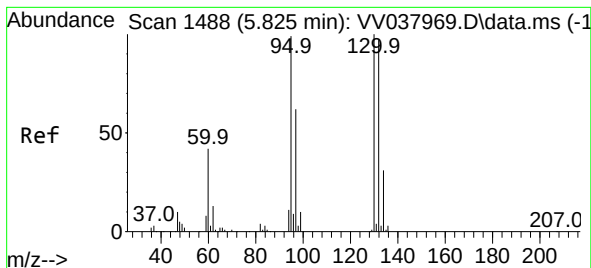
Tgt Ion: 97 Resp: 16963
Ion Ratio Lower Upper
97 100
99 67.5 52.1 78.1
61 42.4 33.3 49.9



#31
Carbon tetrachloride
Concen: 0.297 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

Tgt Ion: 117 Resp: 8479
Ion Ratio Lower Upper
117 100
119 87.3 77.2 115.8





#34

Trichloroethene

Concen: 36.132 ug/L

RT: 5.822 min Scan# 1488

Delta R.T. -0.003 min

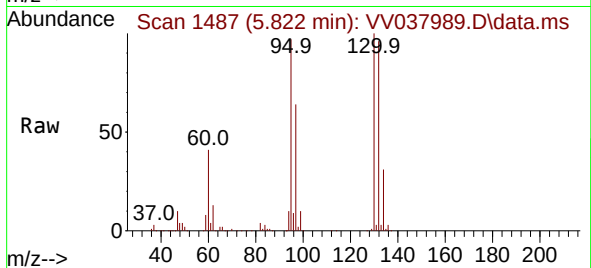
Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 748086

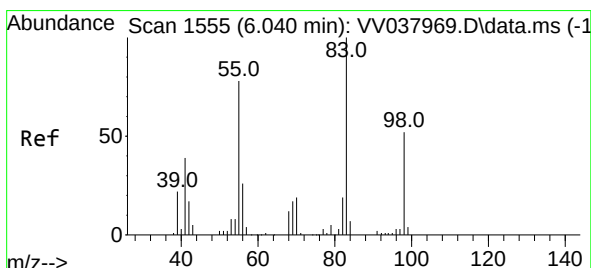
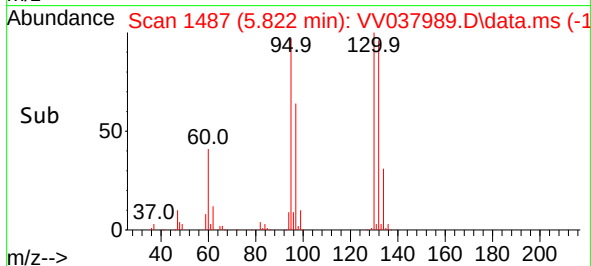
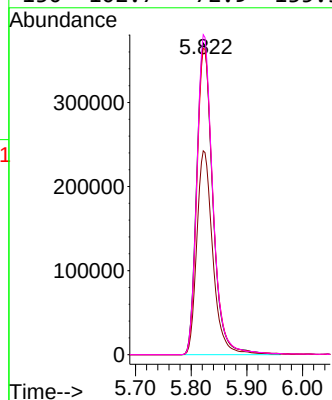
Ion Ratio Lower Upper

95 100

97 65.4 46.9 87.1

132 98.3 70.5 130.9

130 102.7 72.9 135.3



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037989.D

Acq: 08 Nov 2024 19:24

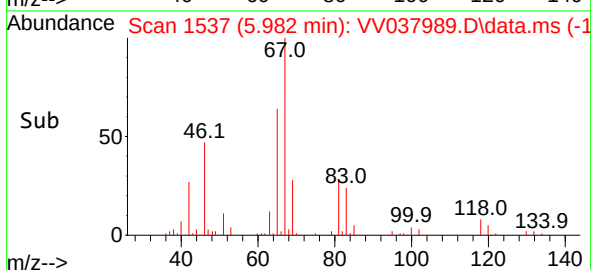
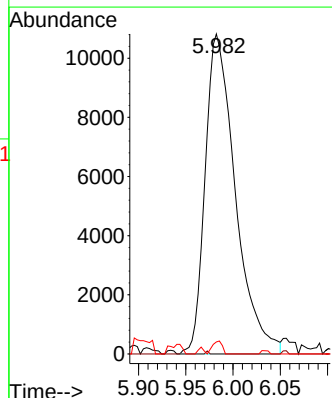
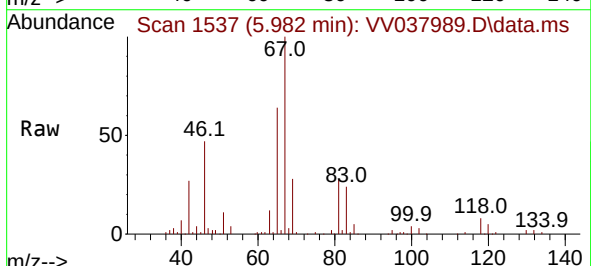
Tgt Ion: 83 Resp: 24061

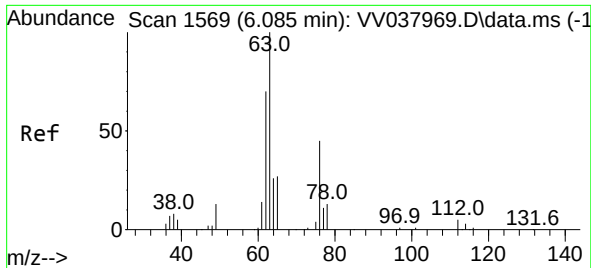
Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 2.5 38.3 57.5#

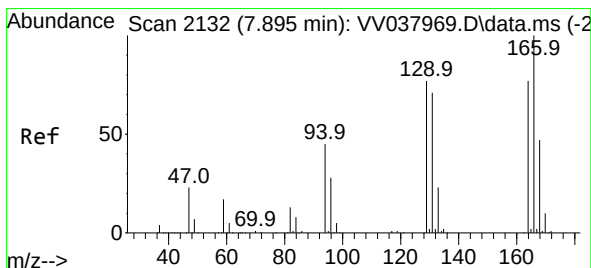
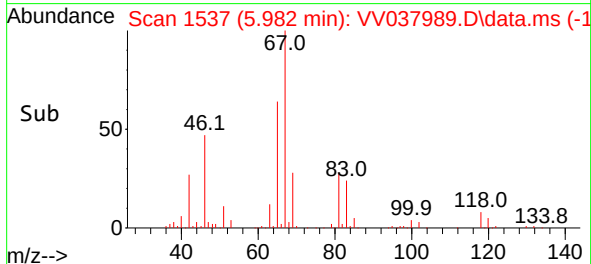
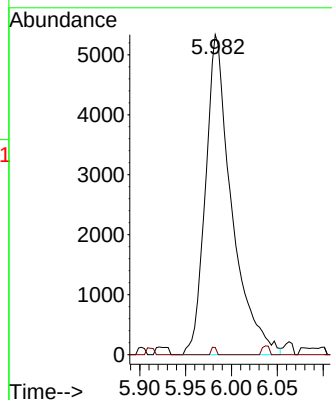
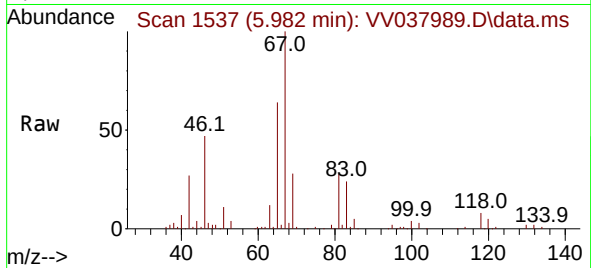




#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

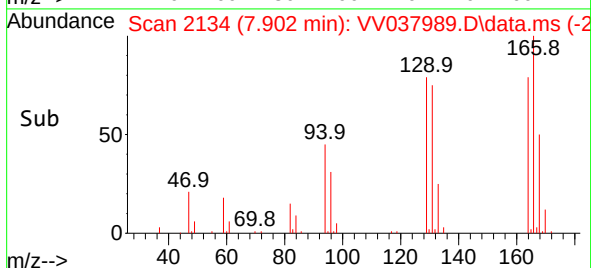
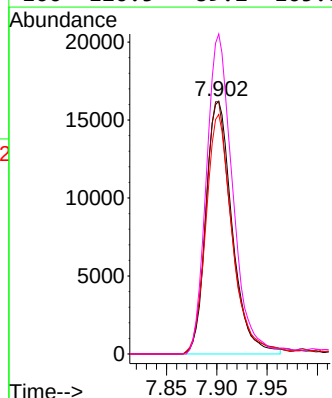
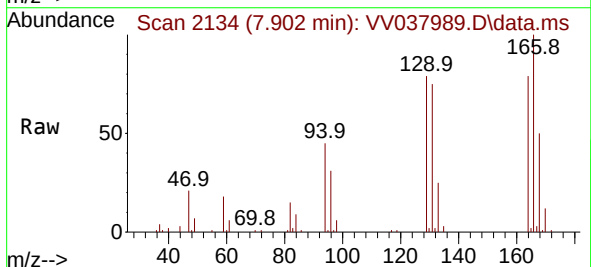
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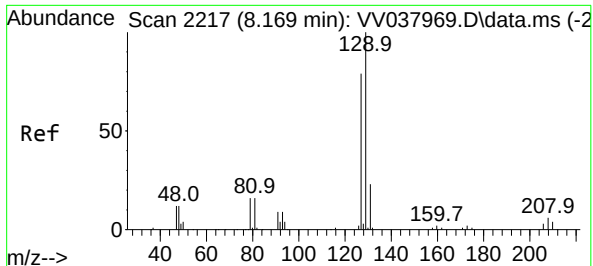
Tgt Ion: 63 Resp: 10560
Ion Ratio Lower Upper
63 100
112 0.4 4.1 6.1#



#47
Tetrachloroethene
Concen: 1.829 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

Tgt Ion:164 Resp: 29436
Ion Ratio Lower Upper
164 100
129 99.8 66.8 124.2
131 94.7 65.2 121.2
166 126.5 89.2 165.8

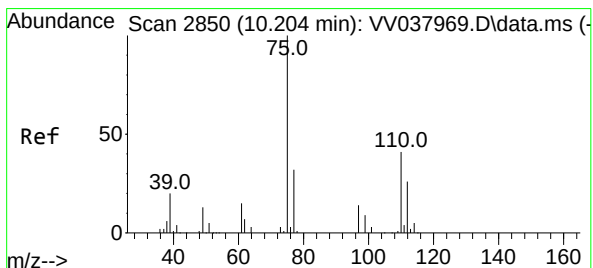
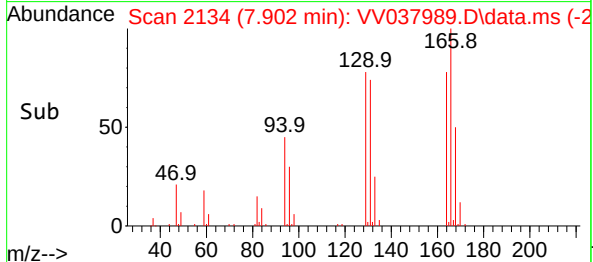
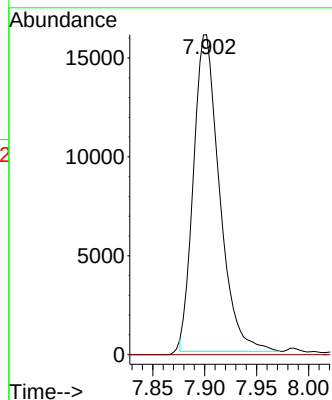
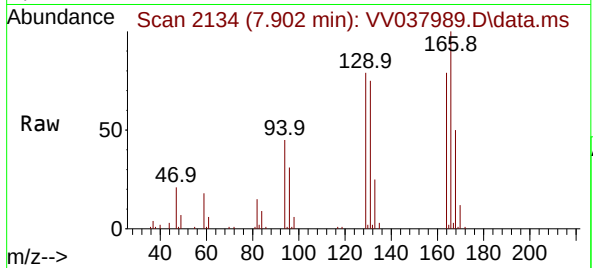




#49
Dibromochloromethane
Concen: 1.725 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 27889
Ion Ratio Lower Upper
129 100
127 0.0 52.2 97.0#



#61
1,2,3-Trichloropropane
Concen: 1.371 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV037989.D
Acq: 08 Nov 2024 19:24

Tgt Ion: 75 Resp: 13471
Ion Ratio Lower Upper
75 100
77 36.8 24.9 37.3
110 2.5 33.5 50.3#

