

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023919.D
 Acq On : 11 Dec 2021 04:37
 Operator : SY/MD
 Sample : M5005-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 06:50:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

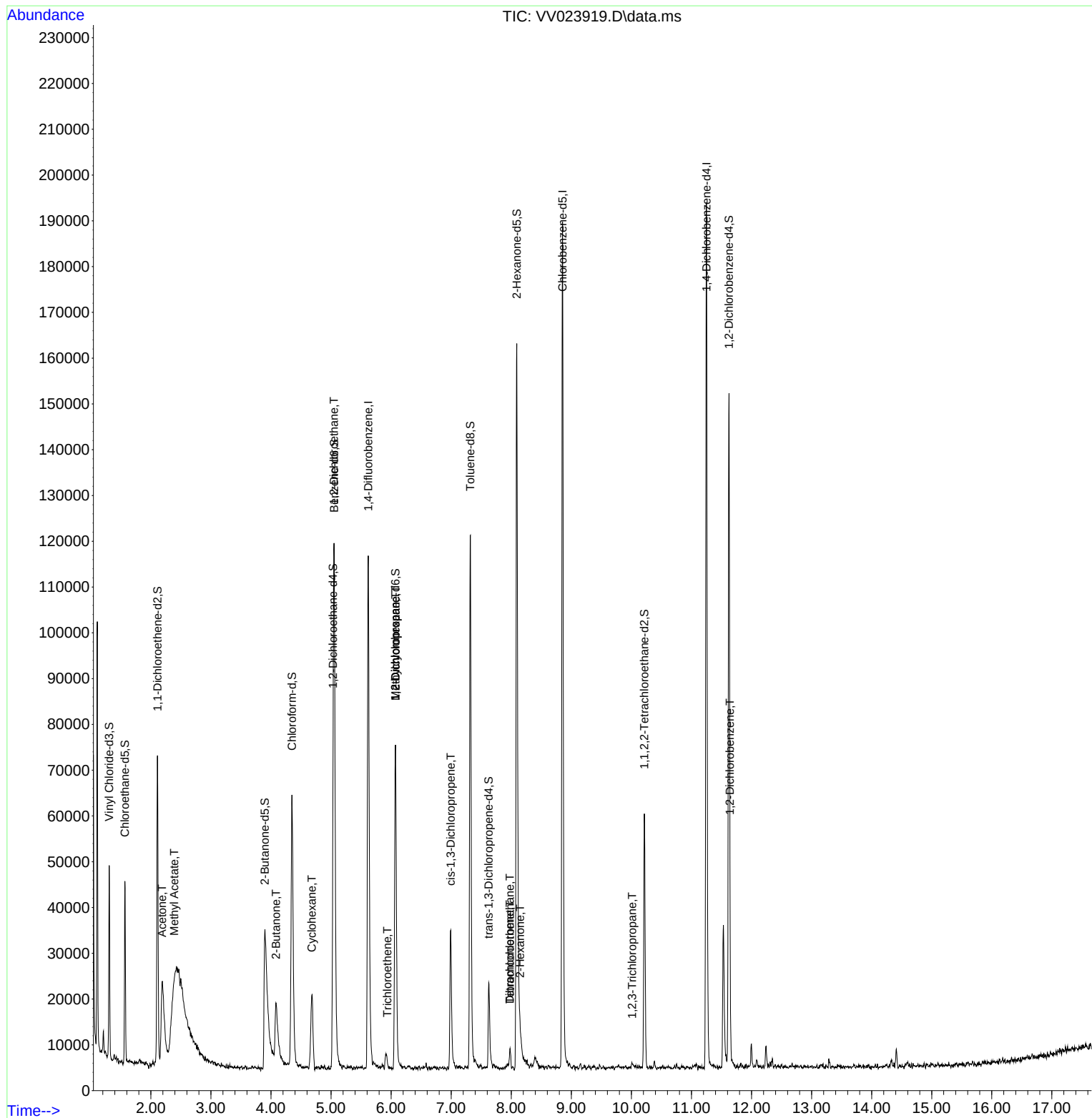
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25418	4.707	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.568	69	22685	5.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.111	63	34061	3.231	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.899	46	68718	65.136	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.280%#	
24) Chloroform-d	4.349	84	60084	4.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.034	65	30460	5.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.053	84	101750	4.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.072	67	32684	5.135	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.320	98	78058	4.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.625	79	11086	4.198	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.091	63	55716	47.132	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25253	4.782	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	38852	5.518	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.400%	
Target Compounds						Qvalue
13) Acetone	2.188	43	41540	49.216	ug/L	78
15) Methyl Acetate	2.387	43	1421	0.695	ug/L #	50
21) 2-Butanone	4.085	43	23051	19.114	ug/L #	55
27) 1,2-Dichloroethane	5.047	62	504	0.062	ug/L #	73
30) Cyclohexane	4.677	56	7709	0.697	ug/L #	70
34) Trichloroethene	5.937	95	425	0.050	ug/L #	77
35) Methylcyclohexane	6.072	83	8596	0.687	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4053	0.566	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	938	0.088	ug/L #	71
47) Tetrachloroethene	7.979	164	807	0.108	ug/L	92
48) 2-Hexanone	8.146	43	2477	0.993	ug/L #	39
49) Dibromochloromethane	7.979	129	807	0.112	ug/L #	11
61) 1,2,3-Trichloropropane	10.011	75	787	0.219	ug/L #	37
67) 1,2-Dichlorobenzene	11.641	146	912	0.063	ug/L #	74

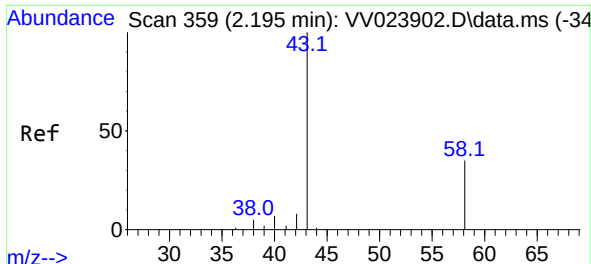
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 49.216 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV023919.D

Acq: 11 Dec 2021 04:37

Instrument :

MSVOA_V

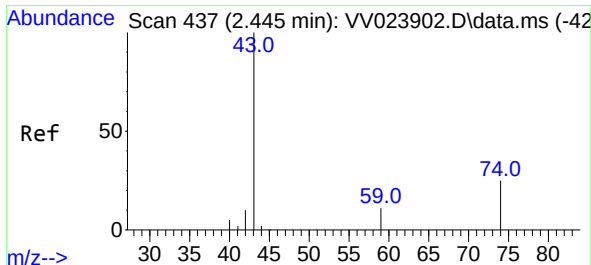
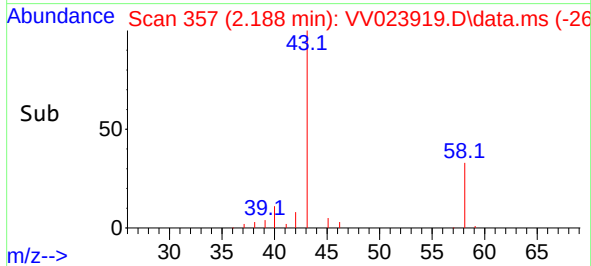
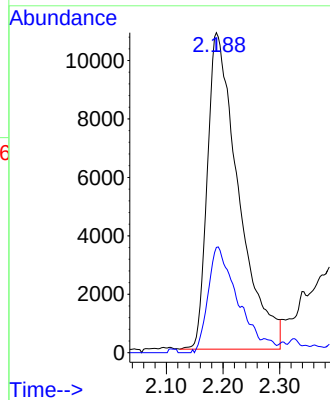
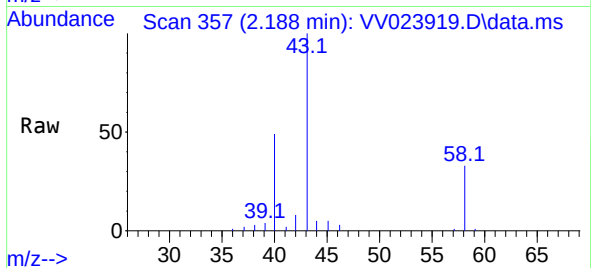
ClientSampleId :

Tgt Ion: 43 Resp: 41540

Ion Ratio Lower Upper

43 100

58 30.9 0.0 41.4



#15

Methyl Acetate

Concen: 0.695 ug/L

RT: 2.387 min Scan# 419

Delta R.T. -0.048 min

Lab File: VV023919.D

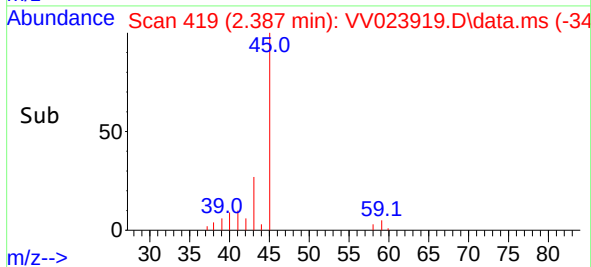
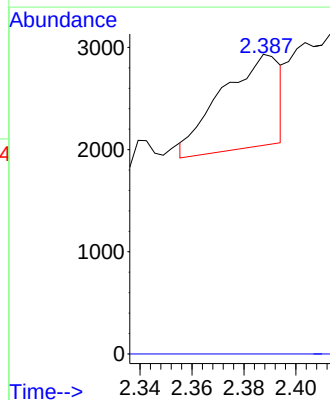
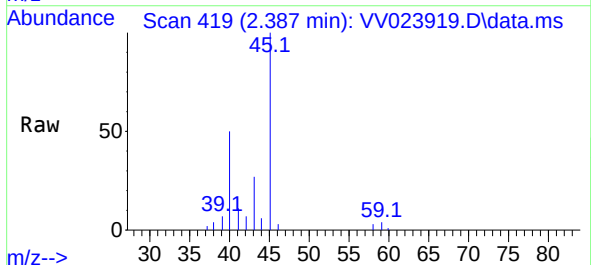
Acq: 11 Dec 2021 04:37

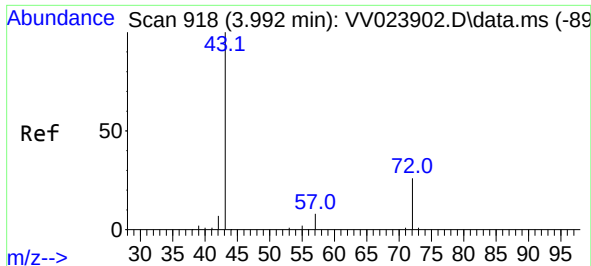
Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

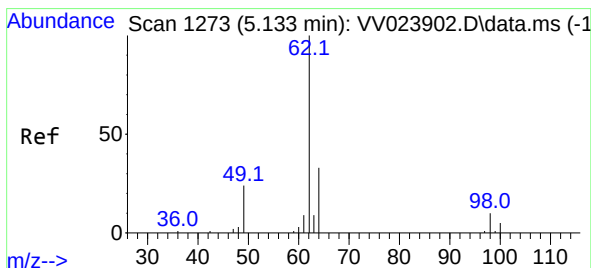
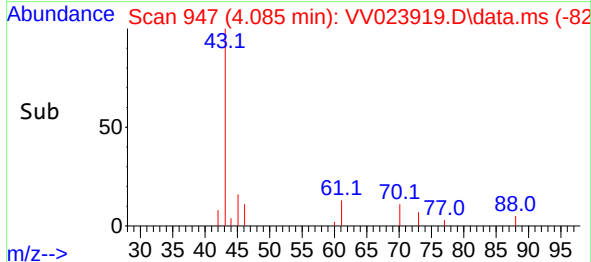
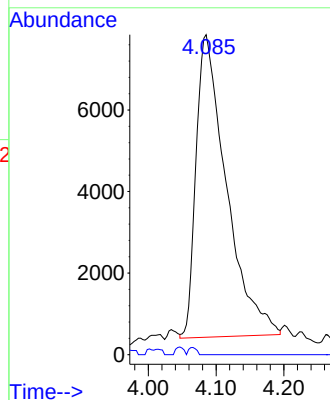
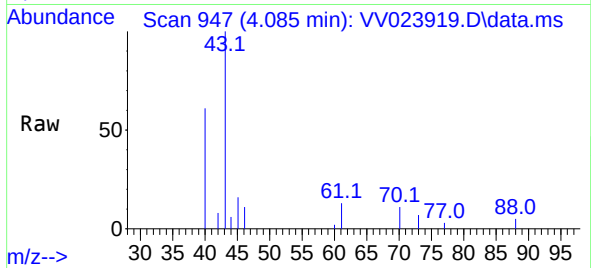




#21
2-Butanone
Concen: 19.114 ug/L
RT: 4.085 min Scan# 947
Delta R.T. 0.096 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

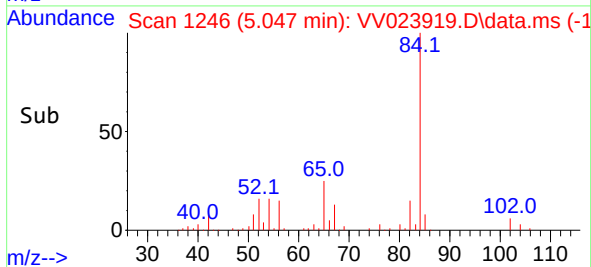
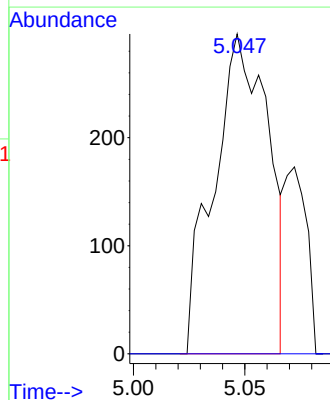
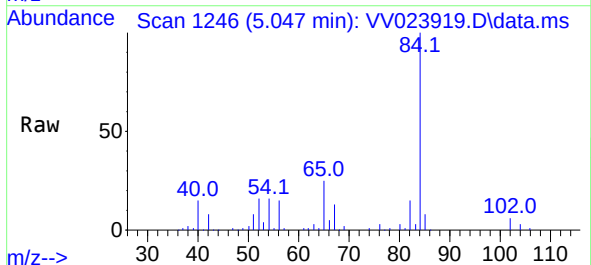
Instrument :
MSVOA_V
ClientSampleId :

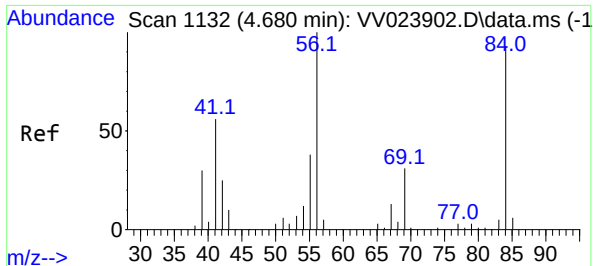
Tgt Ion: 43 Resp: 23051
Ion Ratio Lower Upper
43 100
72 0.6 11.1 33.1#



#27
1,2-Dichloroethane
Concen: 0.062 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

Tgt Ion: 62 Resp: 504
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

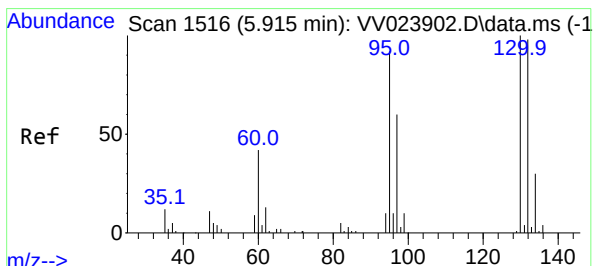
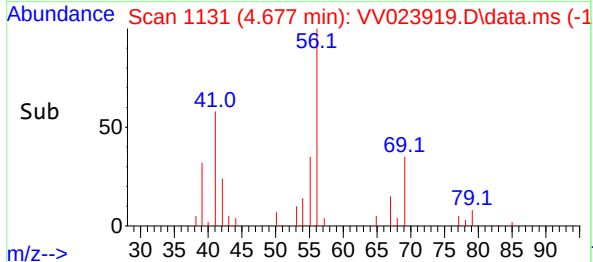
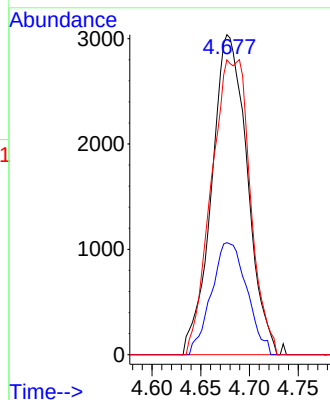
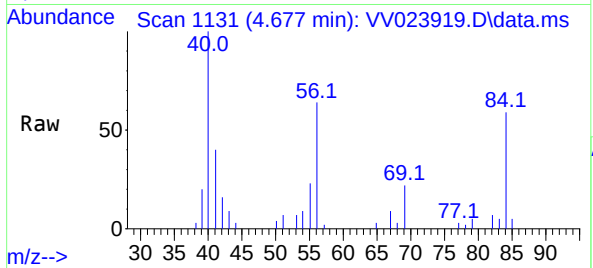




#30
Cyclohexane
Concen: 0.697 ug/L
RT: 4.677 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

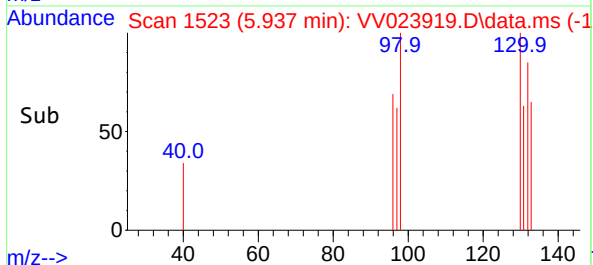
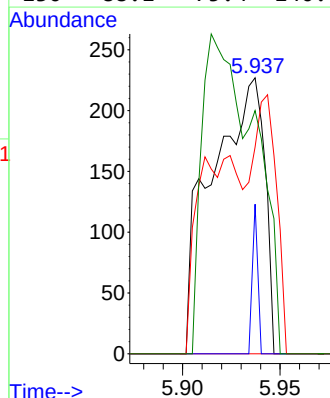
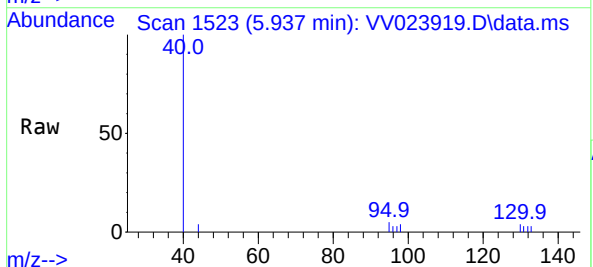
Instrument :
MSVOA_V
ClientSampleId :

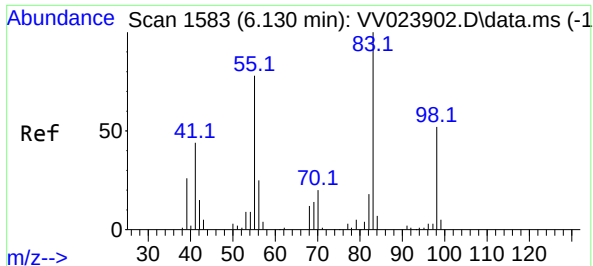
Tgt Ion: 56 Resp: 7709
Ion Ratio Lower Upper
56 100
69 35.0 24.8 37.2
84 58.7 75.9 113.9#



#34
Trichloroethene
Concen: 0.050 ug/L
RT: 5.937 min Scan# 1523
Delta R.T. 0.026 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

Tgt Ion: 95 Resp: 425
Ion Ratio Lower Upper
95 100
97 54.2 45.2 84.0
132 74.9 76.1 141.3#
130 88.1 75.4 140.0





#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023919.D

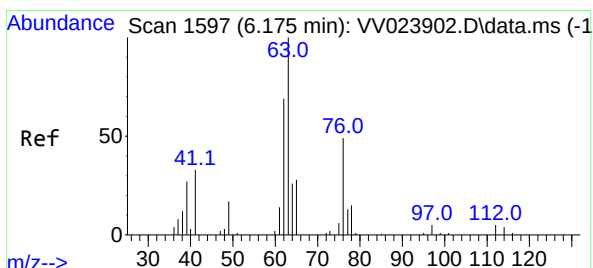
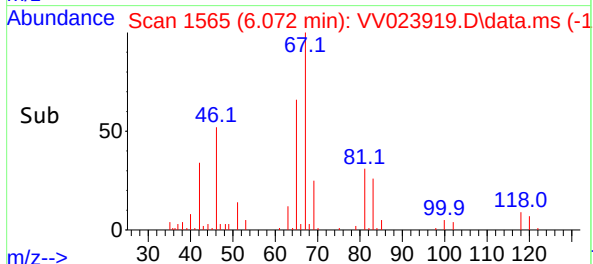
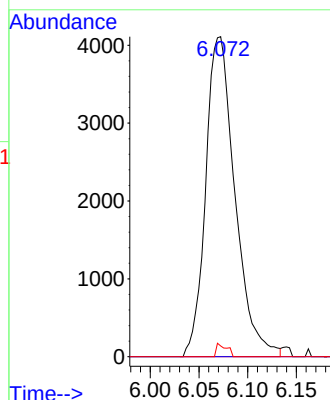
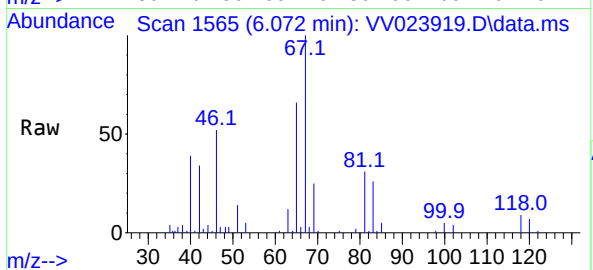
Acq: 11 Dec 2021 04:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	8596
Ion Ratio	Lower	Upper
83	100	
55	0.0	60.2
98	1.5	41.0



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

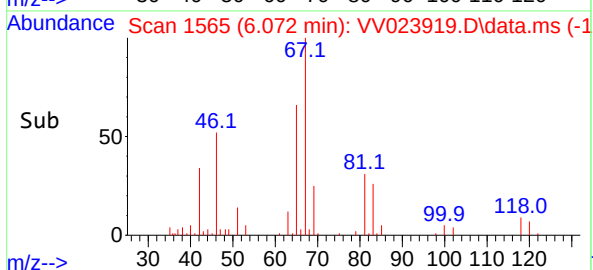
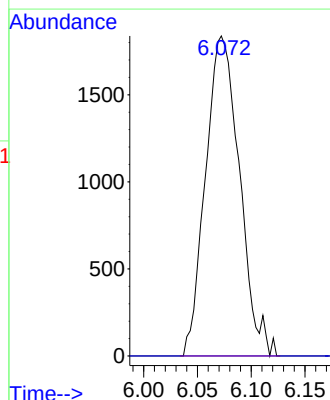
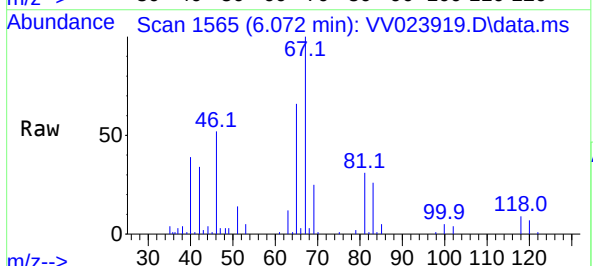
RT: 6.072 min Scan# 1565

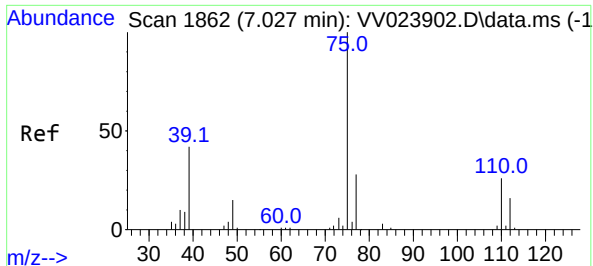
Delta R.T. -0.096 min

Lab File: VV023919.D

Acq: 11 Dec 2021 04:37

Tgt Ion: 63	Resp:	4053
Ion Ratio	Lower	Upper
63	100	
112	0.0	4.3





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023919.D

Acq: 11 Dec 2021 04:37

Instrument :

MSVOA_V

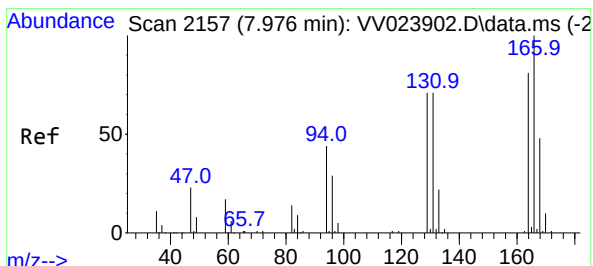
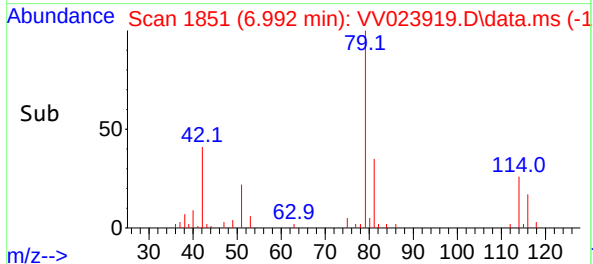
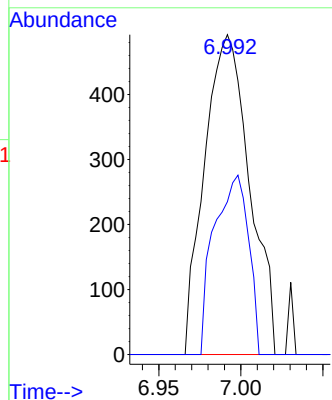
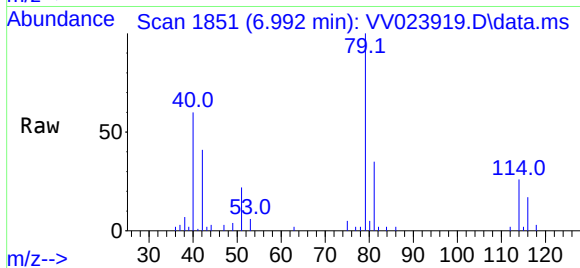
ClientSampleId :

Tgt Ion: 75 Resp: 938

Ion Ratio Lower Upper

75 100

77 47.8 22.0 41.0#



#47

Tetrachloroethene

Concen: 0.108 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023919.D

Acq: 11 Dec 2021 04:37

Tgt Ion:164 Resp: 807

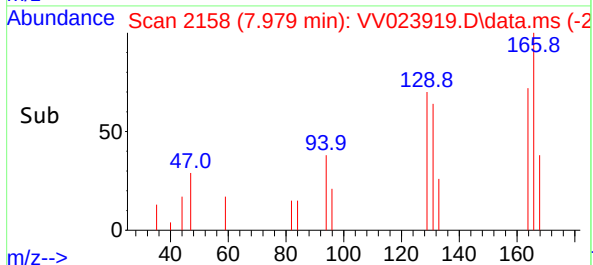
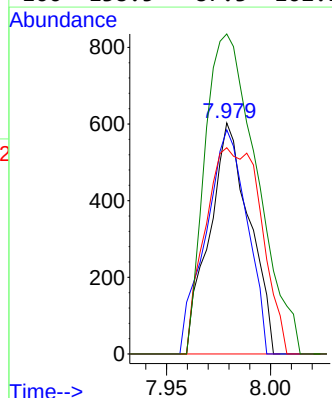
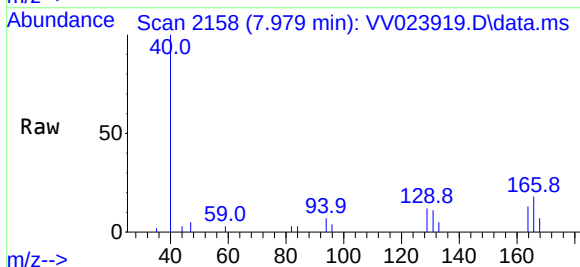
Ion Ratio Lower Upper

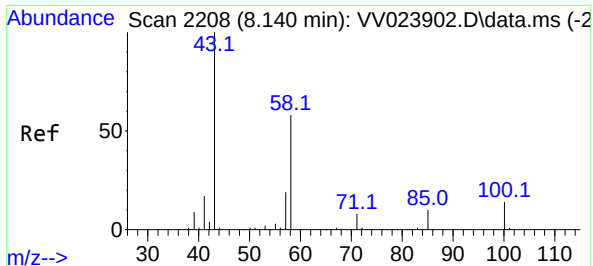
164 100

129 97.0 62.6 116.2

131 89.2 61.0 113.4

166 138.5 87.3 162.1

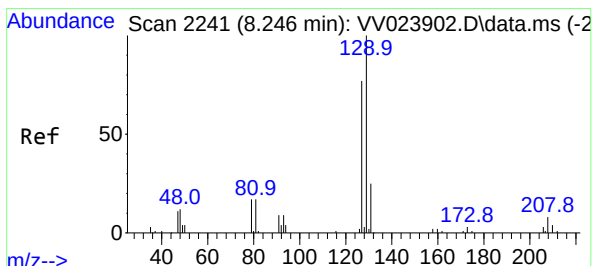
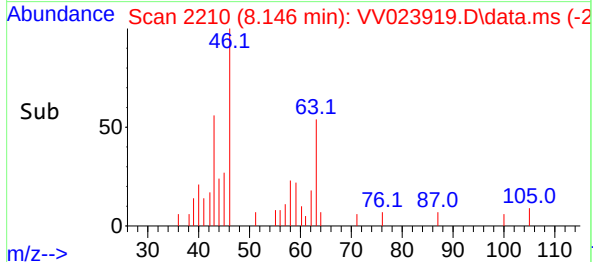
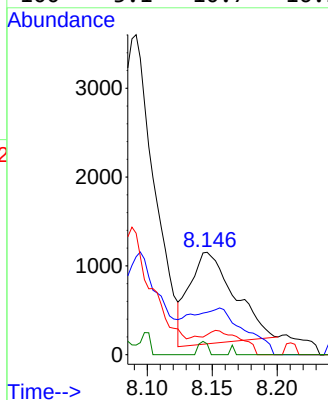
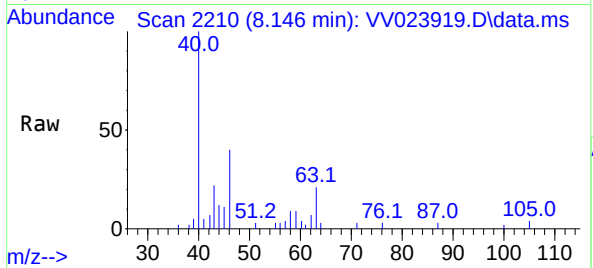




#48
2-Hexanone
Concen: 0.993 ug/L
RT: 8.146 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

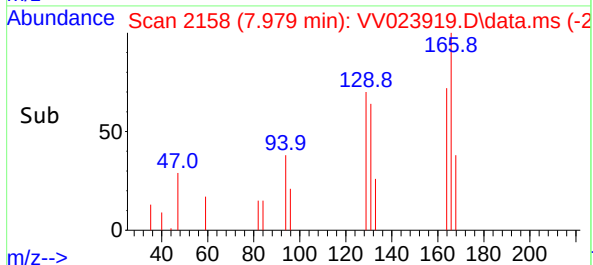
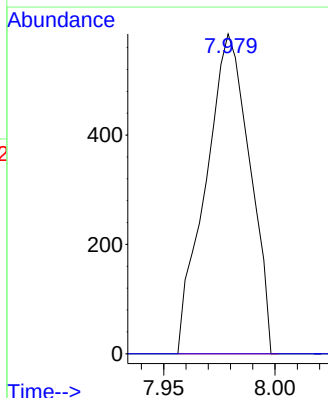
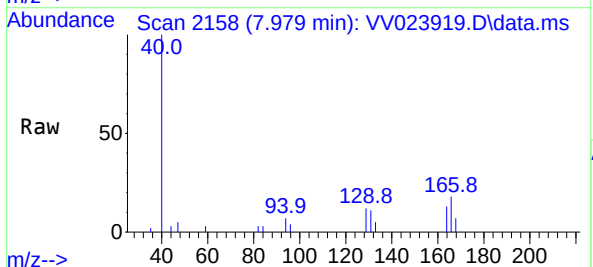
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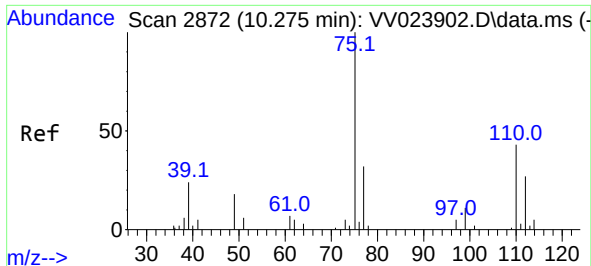
Tgt Ion: 43 Resp: 2477
Ion Ratio Lower Upper
43 100
58 0.0 44.5 66.7#
57 0.0 15.1 22.7#
100 3.1 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.112 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

Tgt Ion:129 Resp: 807
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

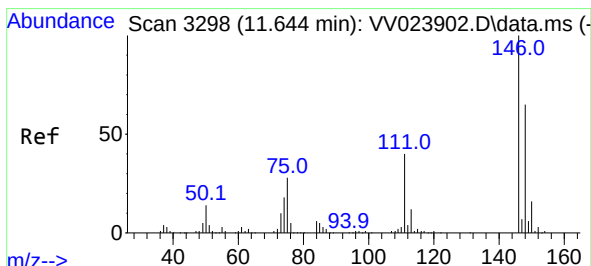
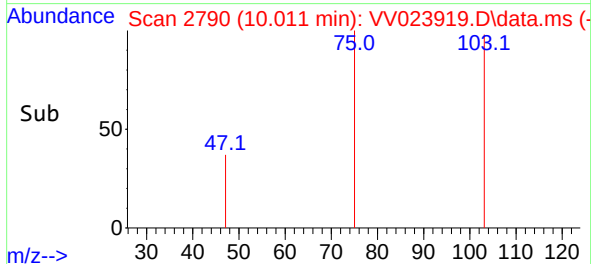
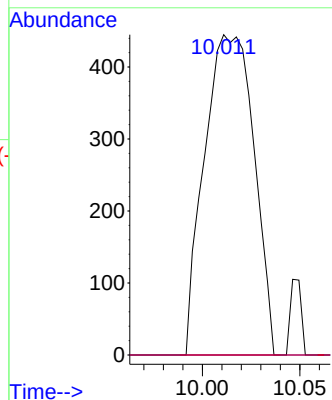
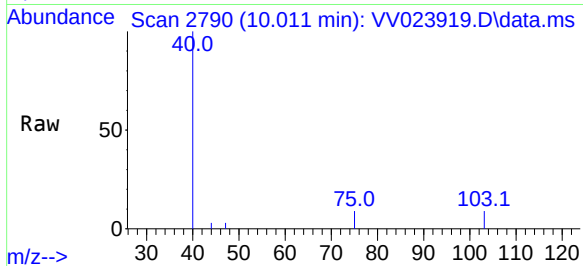




#61
1,2,3-Trichloropropane
Concen: 0.219 ug/L
RT: 10.011 min Scan# 21
Delta R.T. -0.260 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 787
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 0.0 34.2 51.2#



#67
1,2-Dichlorobenzene
Concen: 0.063 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023919.D
Acq: 11 Dec 2021 04:37

Tgt Ion: 146 Resp: 912
Ion Ratio Lower Upper
146 100
111 46.5 31.9 47.9
148 90.6 50.5 75.7#

