

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023445.D
 Acq On : 12 Nov 2021 16:50
 Operator : SY/MD
 Sample : M4542-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 01:56:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

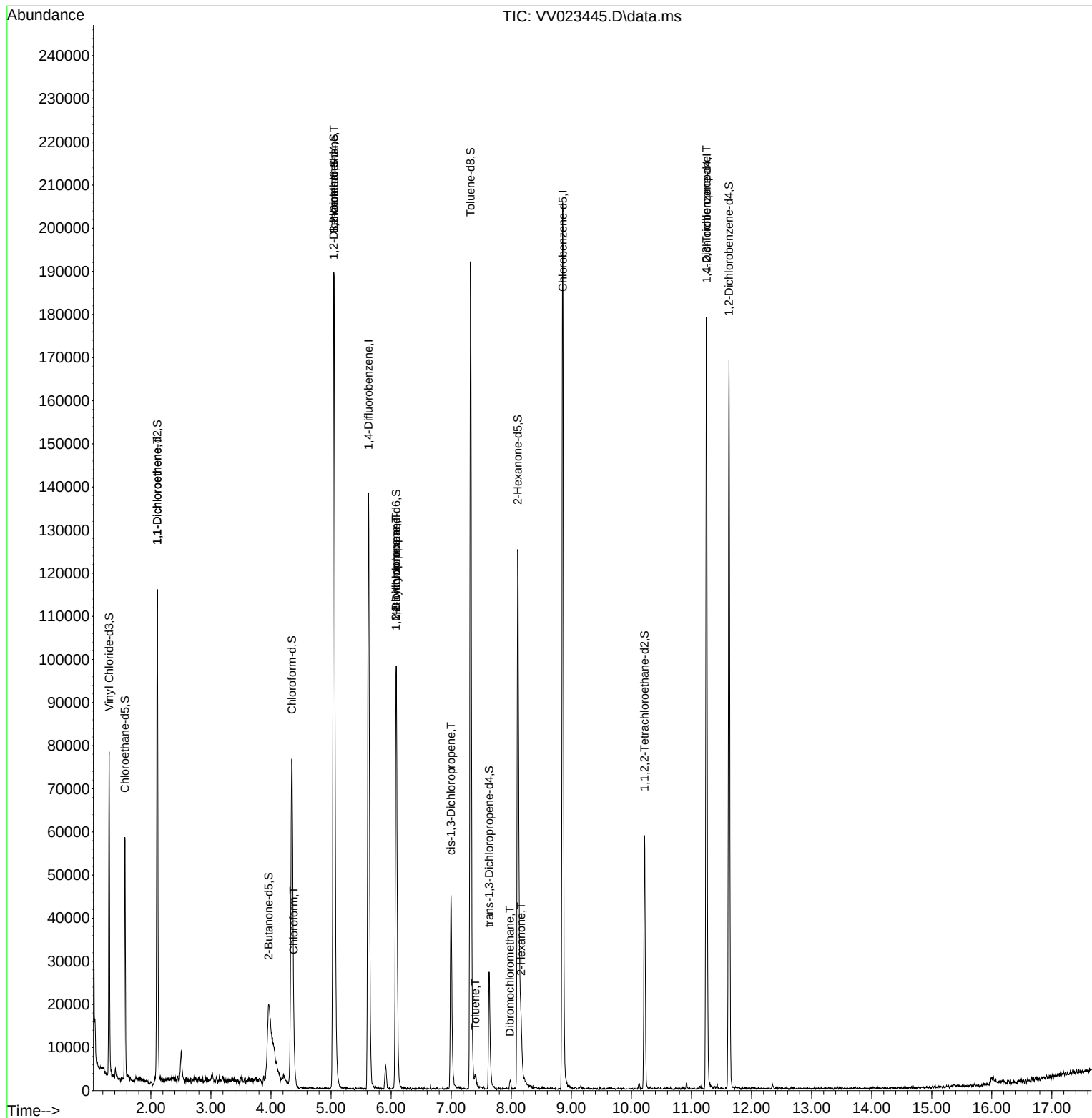
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	119552	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.857	117	116232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43540	5.814	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5	1.568	69	32524	5.328	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.108	63	57880	4.128	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	3.960	46	39844	30.880	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	61.760%	
24) Chloroform-d	4.349	84	79358	4.972	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.043	65	39111	5.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.050	84	157852	5.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
36) 1,2-Dichloropropane-d6	6.085	67	46632	5.312	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.200%	
41) Toluene-d8	7.323	98	127897	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	7.632	79	16257	4.884	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.108	63	43144	35.226	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.460%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	27560	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43860	5.416	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	517	0.073	ug/L #	1
25) Chloroform	4.378	83	6308	0.400	ug/L	98
27) 1,2-Dichloroethane	5.050	62	1002	0.119	ug/L #	72
35) Methylcyclohexane	6.085	83	11947	0.876	ug/L #	18
37) 1,2-Dichloropropane	6.082	63	5153	0.679	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1155	0.106	ug/L #	73
42) Toluene	7.403	91	2299	0.066	ug/L	95
48) 2-Hexanone	8.165	43	6604	2.679	ug/L #	92
49) Dibromochloromethane	7.979	129	488	0.071	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	4983	1.542	ug/L #	65

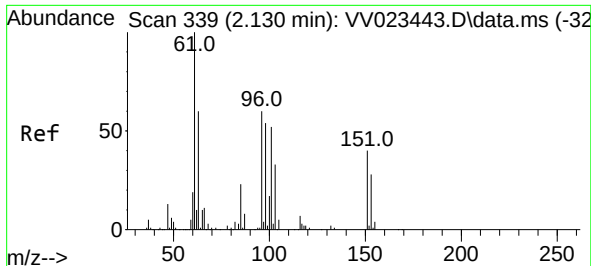
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV023445.D

Acq: 12 Nov 2021 16:50

Instrument :

MSVOA_V

ClientSampleId :

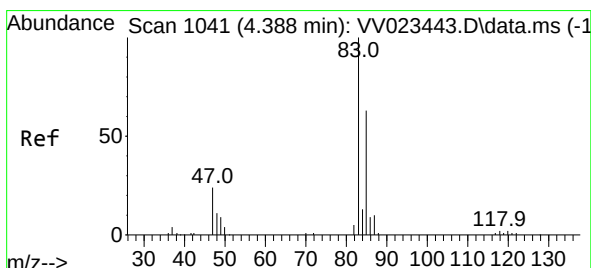
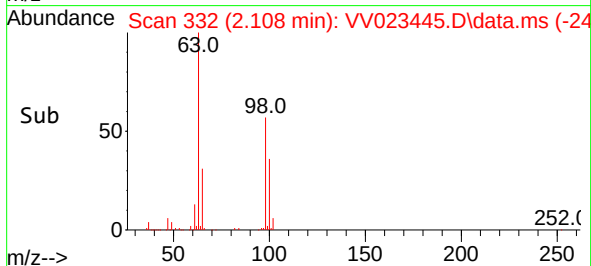
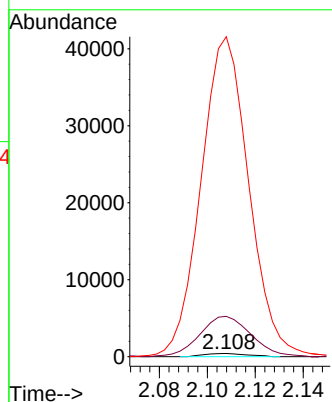
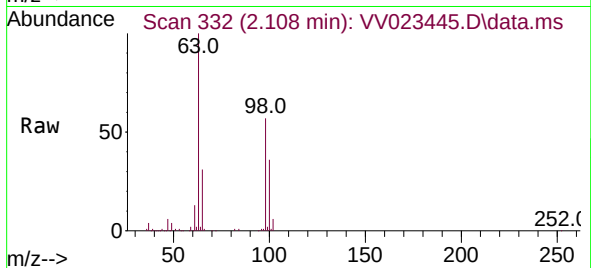
Tgt Ion: 96 Resp: 517

Ion Ratio Lower Upper

96 100

61 1287.5 121.5 225.7#

63 10215.2 99.6 185.0#



#25

Chloroform

Concen: 0.400 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.010 min

Lab File: VV023445.D

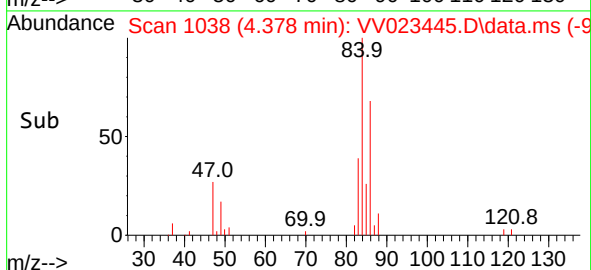
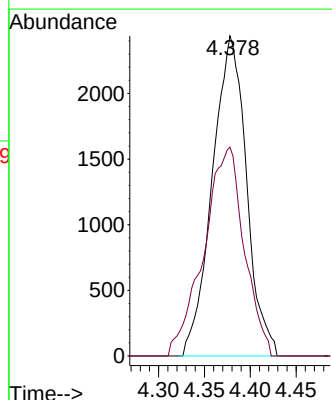
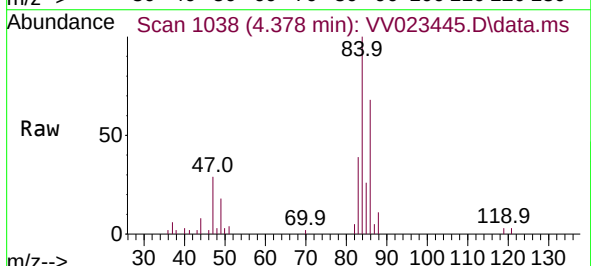
Acq: 12 Nov 2021 16:50

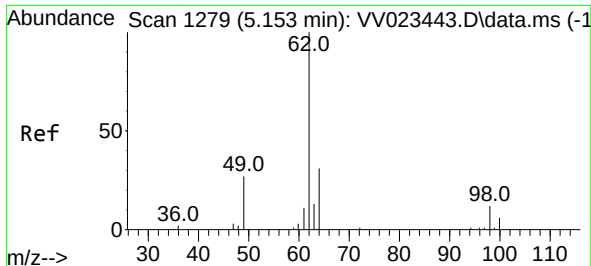
Tgt Ion: 83 Resp: 6308

Ion Ratio Lower Upper

83 100

85 65.3 46.8 86.8

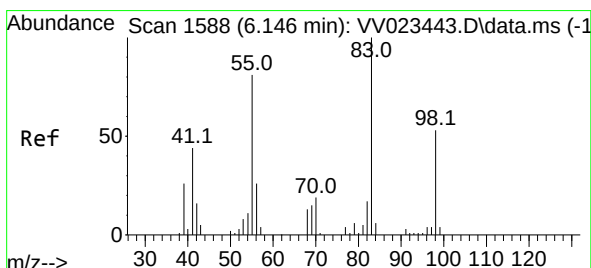
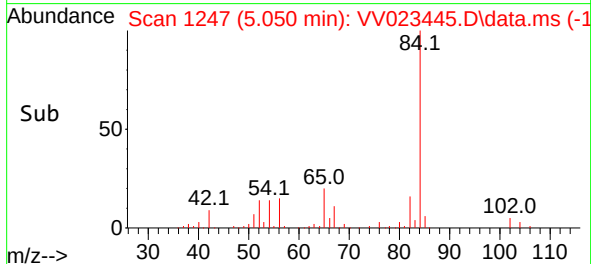
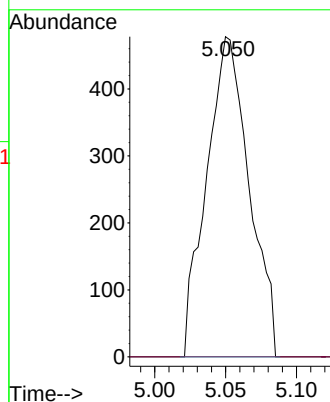
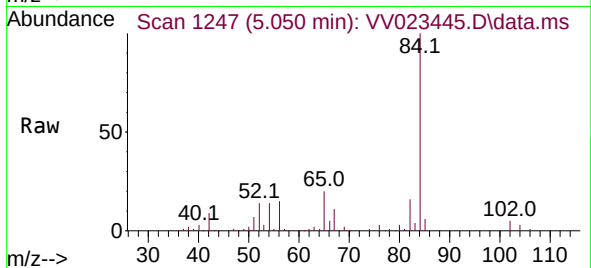




#27
1,2-Dichloroethane
Concen: 0.119 ug/L
RT: 5.050 min Scan# 1569
Delta R.T. -0.103 min
Lab File: VV023445.D
Acq: 12 Nov 2021 16:50

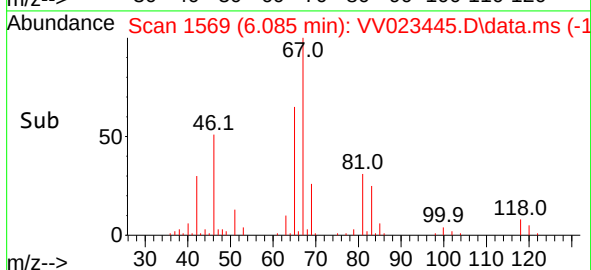
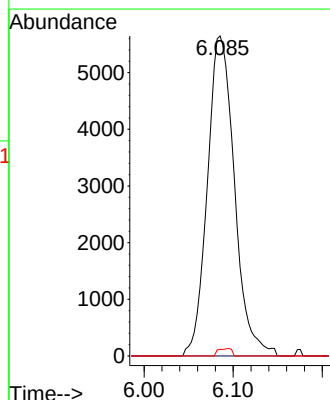
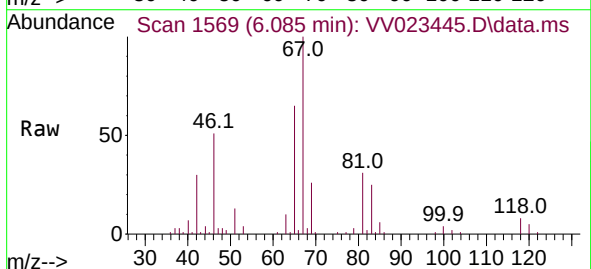
Instrument :
MSVOA_V
ClientSampleId :

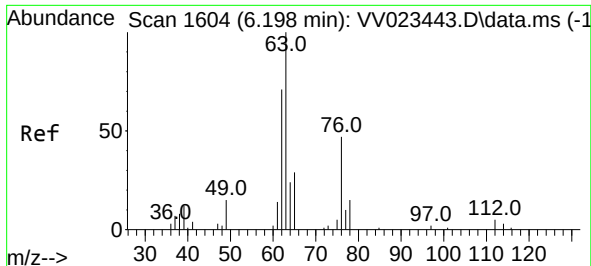
Tgt Ion: 62 Resp: 1002
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.061 min
Lab File: VV023445.D
Acq: 12 Nov 2021 16:50

Tgt Ion: 83 Resp: 11947
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.082 min Scan# 11

Delta R.T. -0.116 min

Lab File: VV023445.D

Acq: 12 Nov 2021 16:50

Instrument :

MSVOA_V

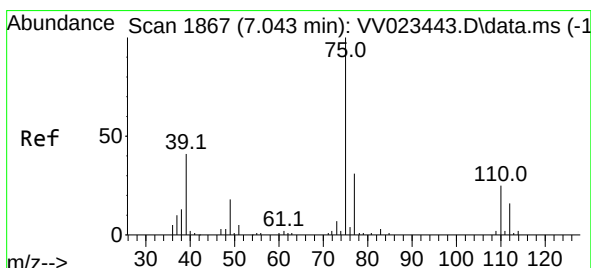
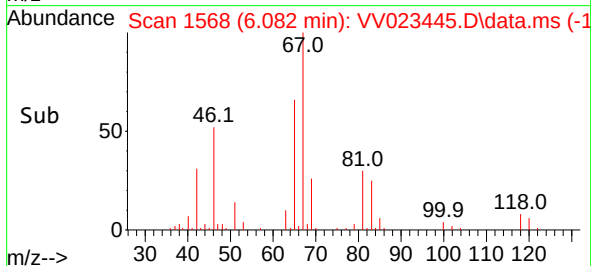
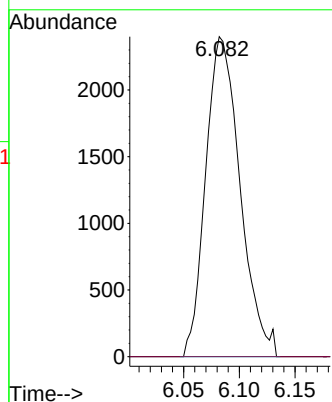
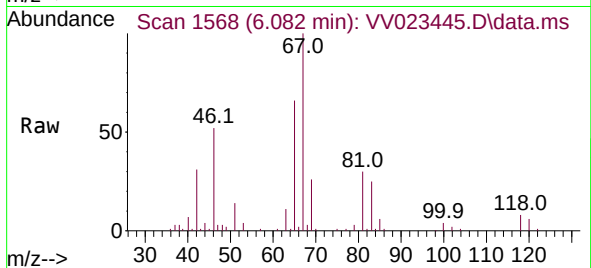
ClientSampleId :

Tgt Ion: 63 Resp: 5153

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.048 min

Lab File: VV023445.D

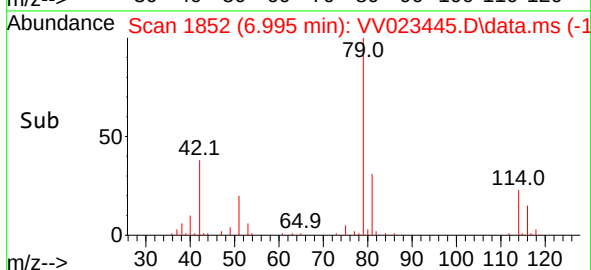
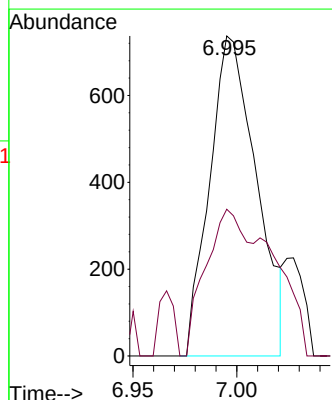
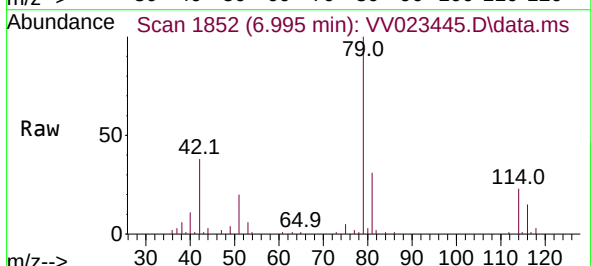
Acq: 12 Nov 2021 16:50

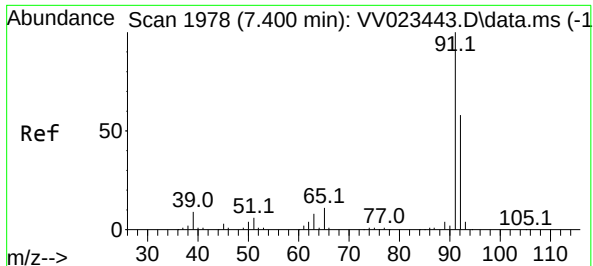
Tgt Ion: 75 Resp: 1155

Ion Ratio Lower Upper

75 100

77 45.9 21.6 40.2#

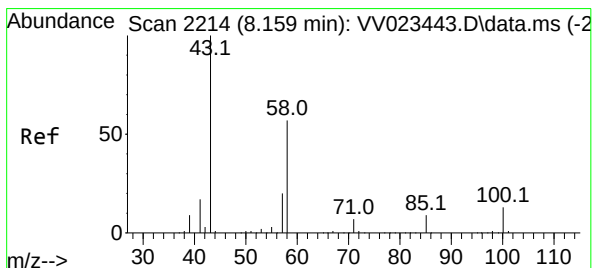
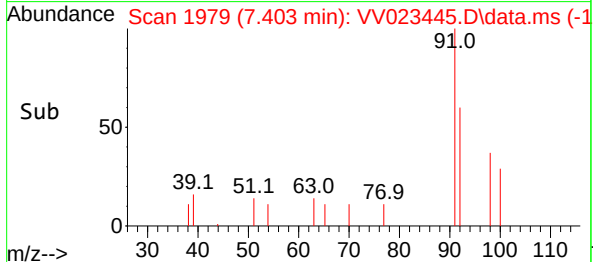
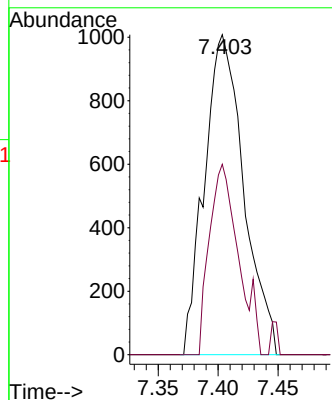
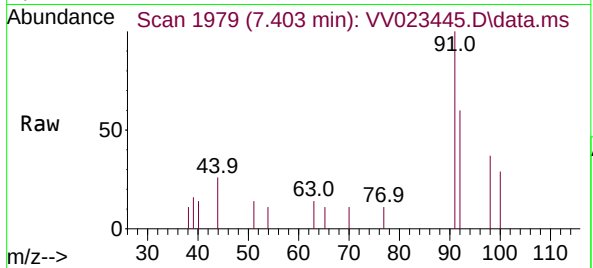




#42
Toluene
Concen: 0.066 ug/L
RT: 7.403 min Scan# 1978
Delta R.T. 0.003 min
Lab File: VV023445.D
Acq: 12 Nov 2021 16:50

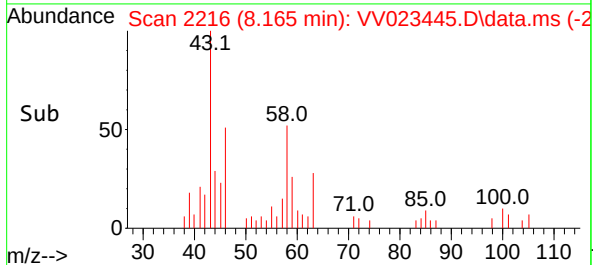
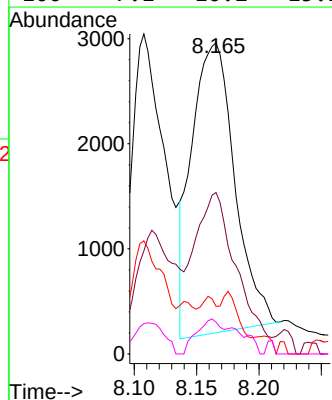
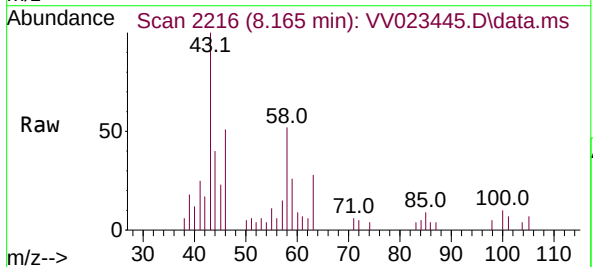
Instrument :
MSVOA_V
ClientSampleId :

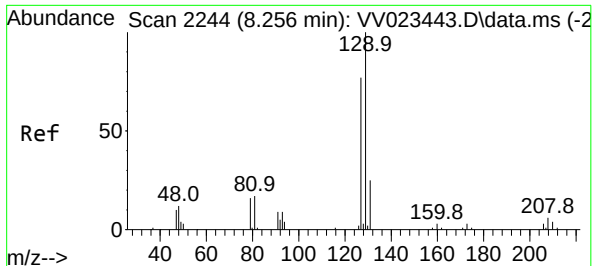
Tgt Ion: 91 Resp: 2299
Ion Ratio Lower Upper
91 100
92 59.5 39.3 72.9



#48
2-Hexanone
Concen: 2.679 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.006 min
Lab File: VV023445.D
Acq: 12 Nov 2021 16:50

Tgt Ion: 43 Resp: 6604
Ion Ratio Lower Upper
43 100
58 55.0 43.7 65.5
57 5.7 14.1 21.1#
100 7.1 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.071 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.277 min

Lab File: VV023445.D

Acq: 12 Nov 2021 16:50

Instrument :

MSVOA_V

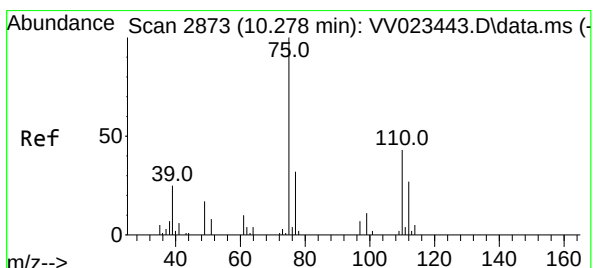
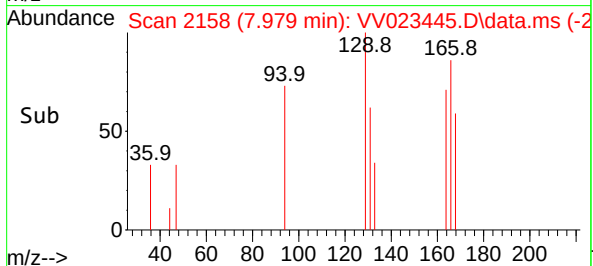
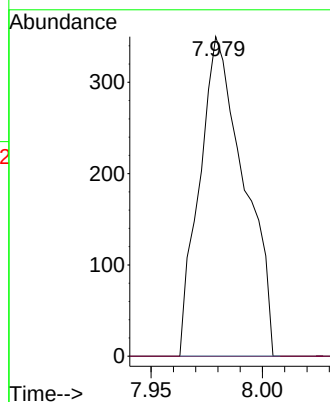
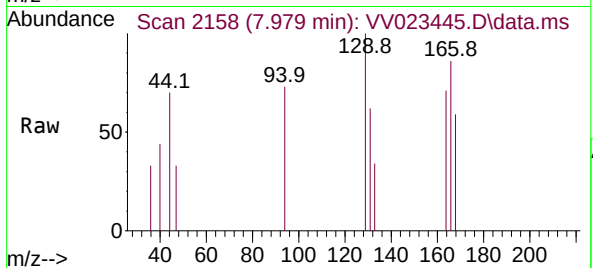
ClientSampleId :

Tgt Ion:129 Resp: 488

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.542 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.971 min

Lab File: VV023445.D

Acq: 12 Nov 2021 16:50

Tgt Ion: 75 Resp: 4983

Ion Ratio Lower Upper

75 100

77 36.1 26.6 39.8

110 3.2 31.8 47.6#

