

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023932.D
 Acq On : 11 Dec 2021 15:42
 Operator : SY/MD
 Sample : M5025-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:28 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)

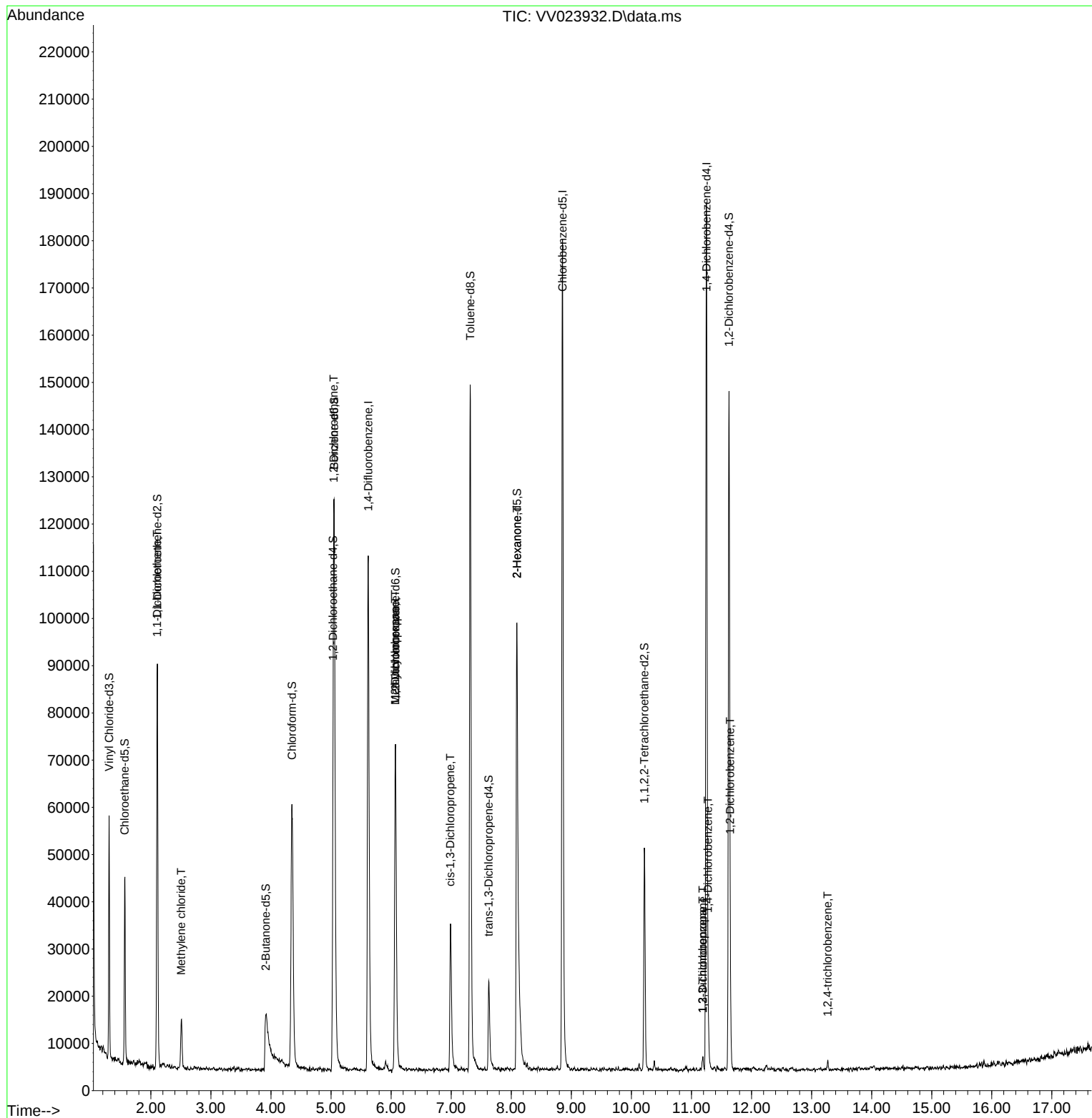
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97659	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29320	5.585	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.600%		
7) Chloroethane-d5	1.565	69	22899	5.228	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.108	63	42055	4.104	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 82.000%		
20) 2-Butanone-d5	3.912	46	26904	26.230	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 52.460%		
24) Chloroform-d	4.349	84	57100	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.000%		
26) 1,2-Dichloroethane-d4	5.034	65	27879	5.035	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.800%		
32) Benzene-d6	5.053	84	109207	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
36) 1,2-Dichloropropane-d6	6.072	67	32463	5.383	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.600%		
41) Toluene-d8	7.317	98	96603	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.400%		
43) trans-1,3-Dichloroprop...	7.625	79	11374	4.546	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.000%		
46) 2-Hexanone-d5	8.095	63	40846	36.469	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 72.940%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20797	4.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 83.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	37163	5.525	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.600%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	412	0.063	ug/L #	1
16) Methylene chloride	2.507	84	4638	0.541	ug/L	89
27) 1,2-Dichloroethane	5.043	62	737	0.094	ug/L #	73
35) Methylcyclohexane	6.069	83	8297	0.700	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4013	0.591	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1022	0.101	ug/L #	72
48) 2-Hexanone	8.095	43	4125	1.745	ug/L #	70
61) 1,2,3-Trichloropropane	11.188	75	313	0.091	ug/L #	37
64) 1,3-Dichlorobenzene	11.188	146	1432	0.095	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	4496	0.296	ug/L	93
67) 1,2-Dichlorobenzene	11.645	146	5178	0.374	ug/L	95
70) 1,2,4-trichlorobenzene	13.268	180	743	0.076	ug/L #	94

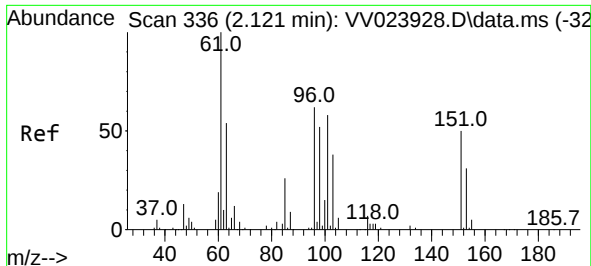
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023932.D

Acq: 11 Dec 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

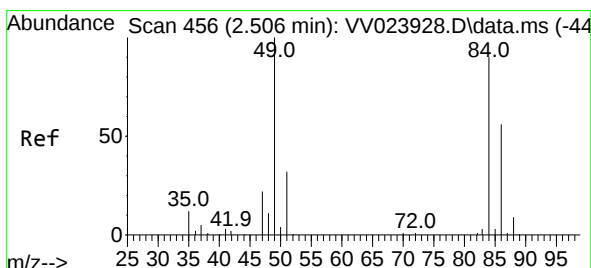
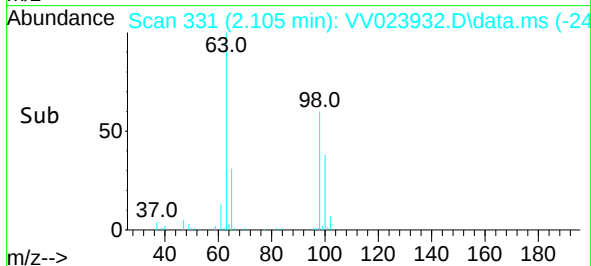
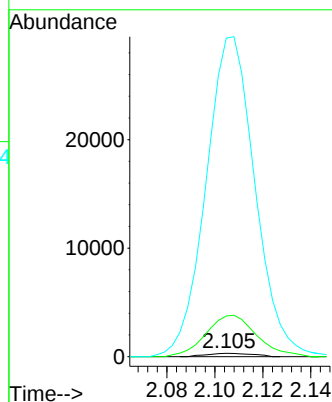
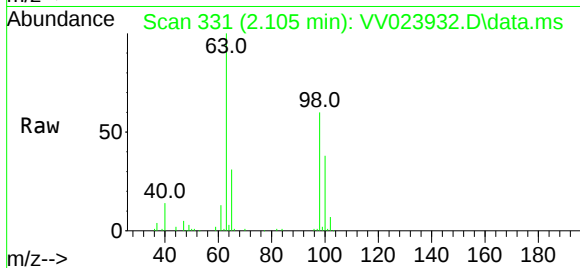
Tgt Ion: 96 Resp: 412

Ion Ratio Lower Upper

96 100

61 1209.7 116.1 215.5#

63 9471.0 79.4 147.4#



#16

Methylene chloride

Concen: 0.541 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV023932.D

Acq: 11 Dec 2021 15:42

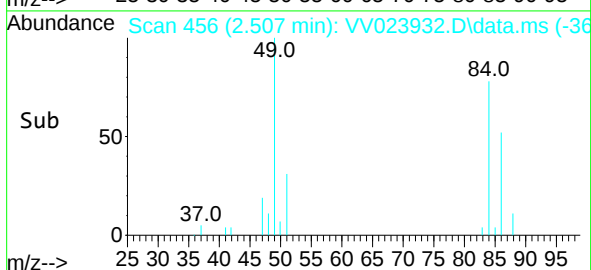
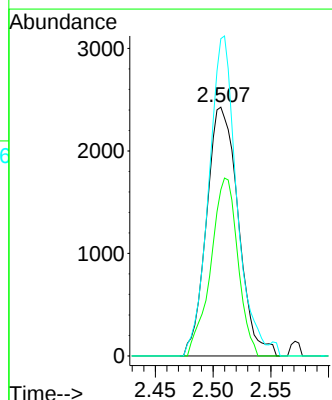
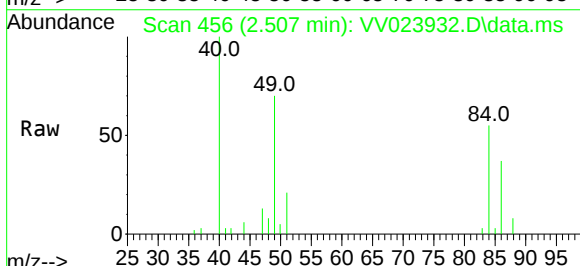
Tgt Ion: 84 Resp: 4638

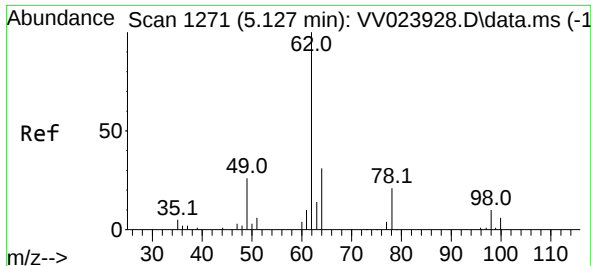
Ion Ratio Lower Upper

84 100

86 66.8 42.6 79.0

49 127.5 79.7 147.9





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.043 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV023932.D

Acq: 11 Dec 2021 15:42

Instrument :

MSVOA_V

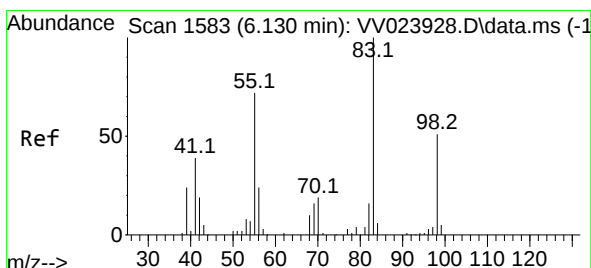
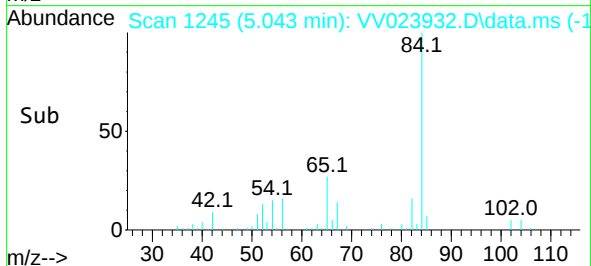
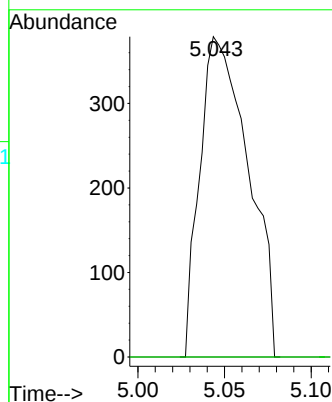
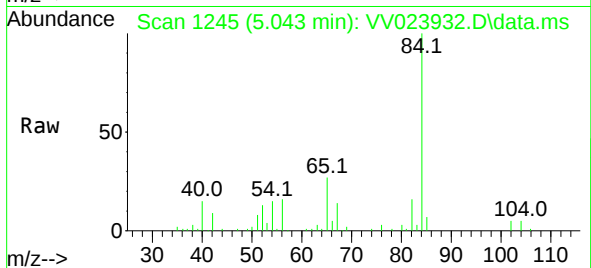
ClientSampleId :

Tgt Ion: 62 Resp: 737

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023932.D

Acq: 11 Dec 2021 15:42

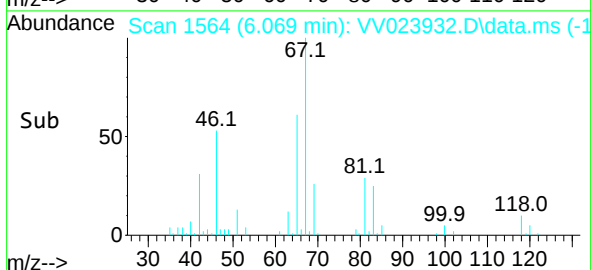
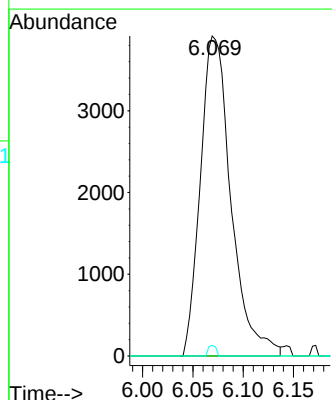
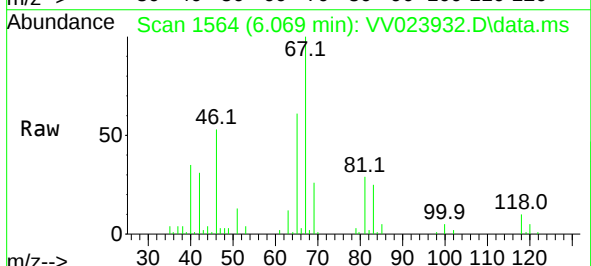
Tgt Ion: 83 Resp: 8297

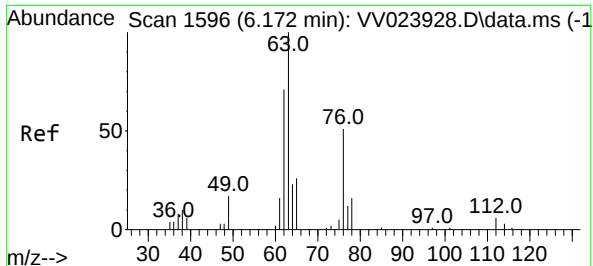
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.8 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV023932.D

Acq: 11 Dec 2021 15:42

Instrument :

MSVOA_V

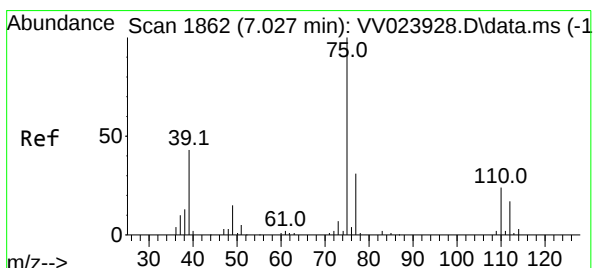
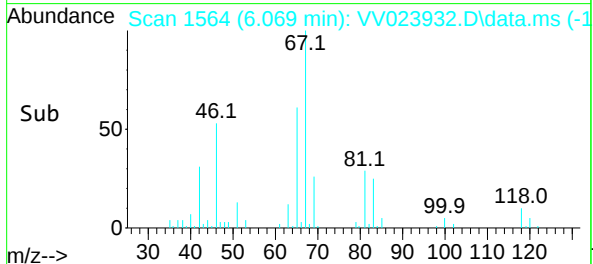
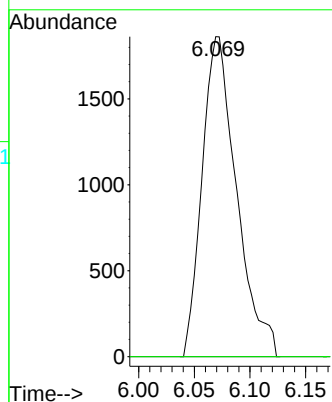
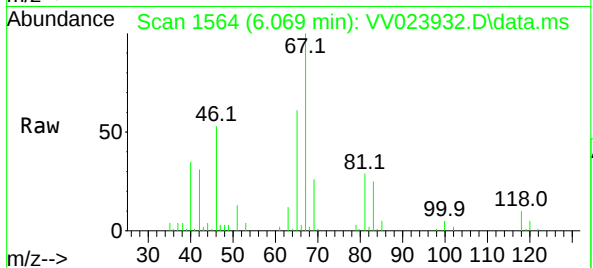
ClientSampleId :

Tgt Ion: 63 Resp: 4013

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.041 min

Lab File: VV023932.D

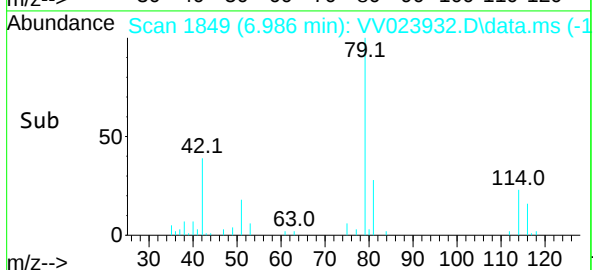
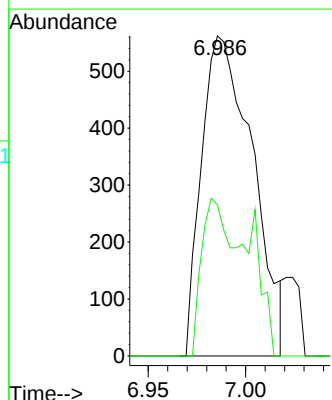
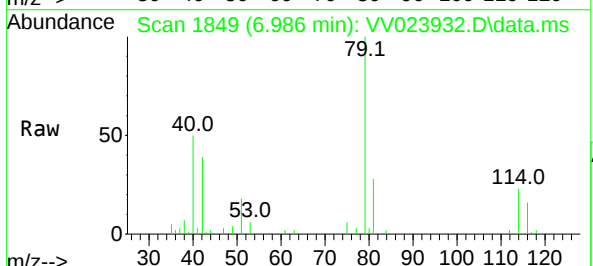
Acq: 11 Dec 2021 15:42

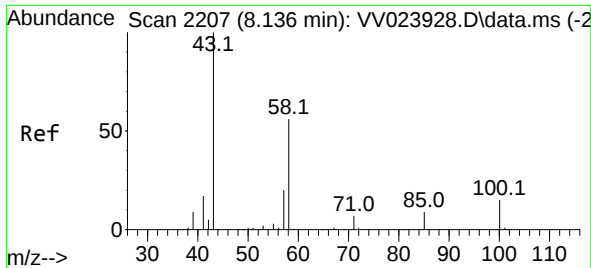
Tgt Ion: 75 Resp: 1022

Ion Ratio Lower Upper

75 100

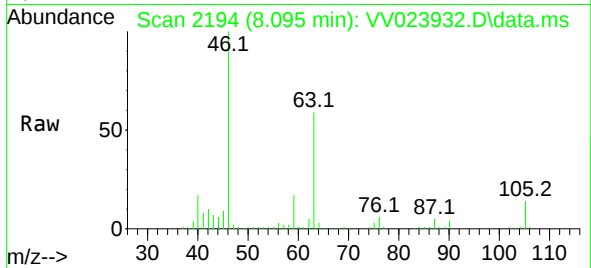
77 47.2 22.0 41.0#



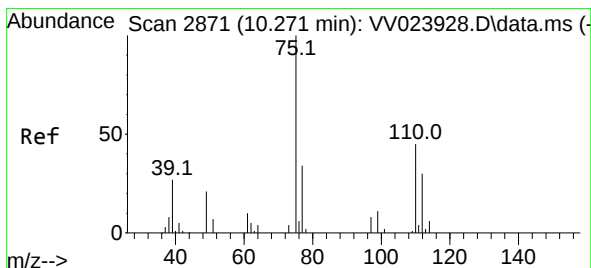
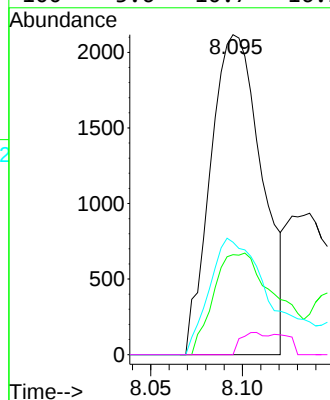
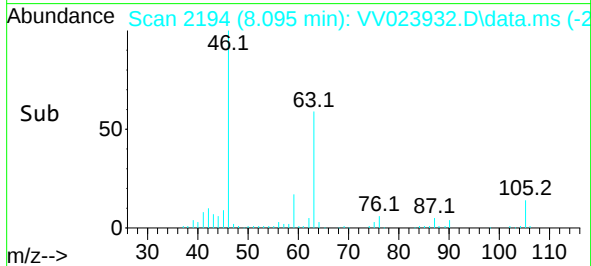


#48
2-Hexanone
Concen: 1.745 ug/L
RT: 8.095 min Scan# 2119
Delta R.T. -0.045 min
Lab File: VV023932.D
Acq: 11 Dec 2021 15:42

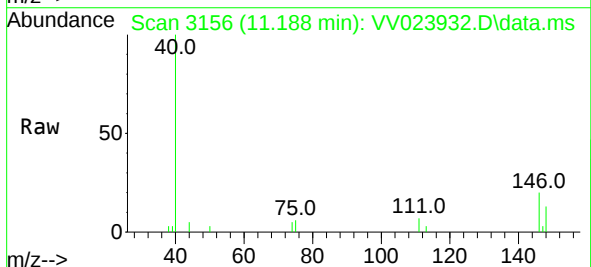
Instrument :
MSVOA_V
ClientSampleId :



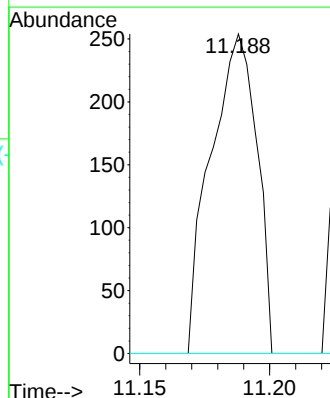
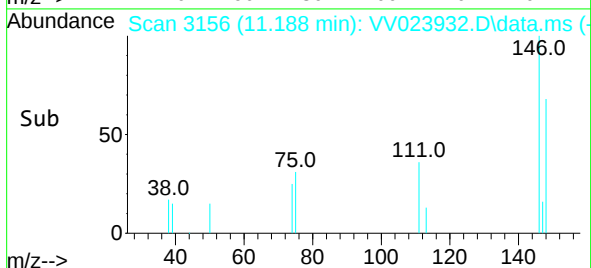
Tgt Ion: 43 Resp: 4125
Ion Ratio Lower Upper
43 100
58 38.8 44.5 66.7#
57 43.6 15.1 22.7#
100 3.6 10.7 16.1#

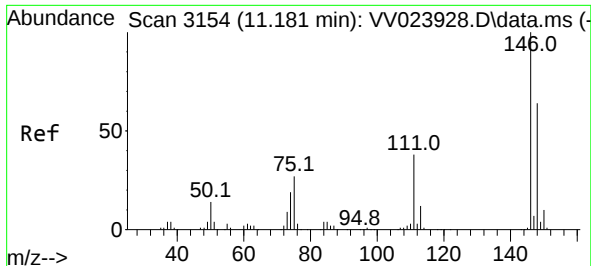


#61
1,2,3-Trichloropropane
Concen: 0.091 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.917 min
Lab File: VV023932.D
Acq: 11 Dec 2021 15:42



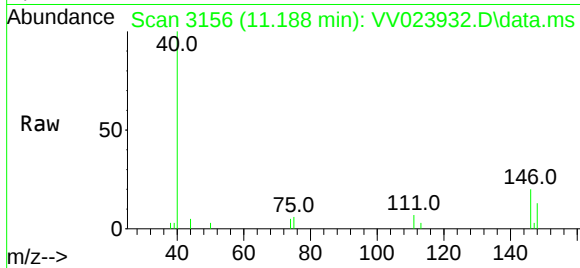
Tgt Ion: 75 Resp: 313
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 0.0 34.2 51.2#



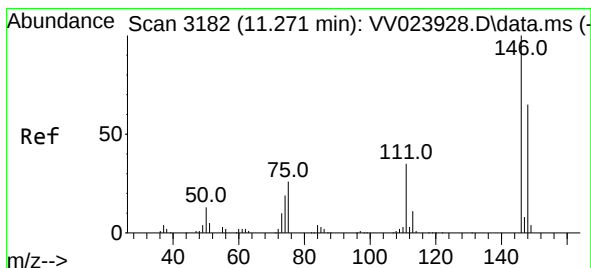
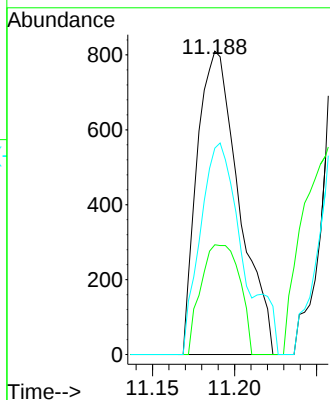
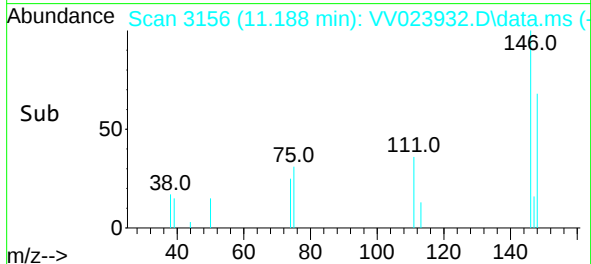


#64
1,3-Dichlorobenzene
Concen: 0.095 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.010 min
Lab File: VV023932.D
Acq: 11 Dec 2021 15:42

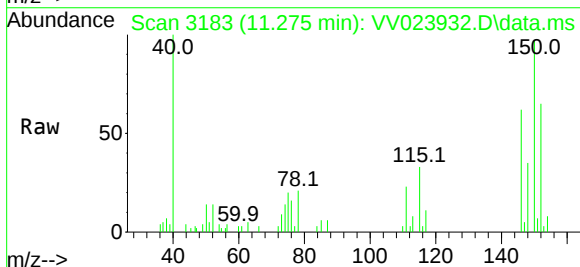
Instrument :
MSVOA_V
ClientSampleId :



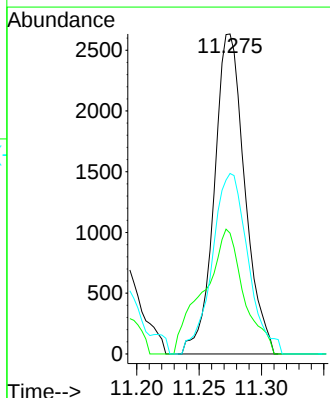
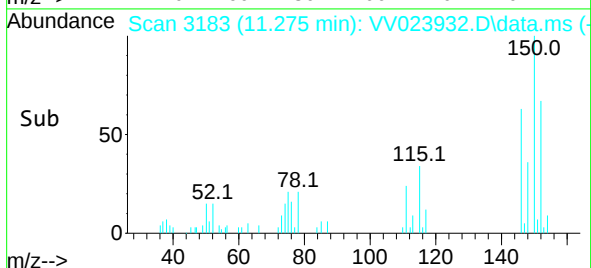
Tgt Ion:146 Resp: 1432
Ion Ratio Lower Upper
146 100
111 36.2 26.3 48.9
148 68.0 44.4 82.5

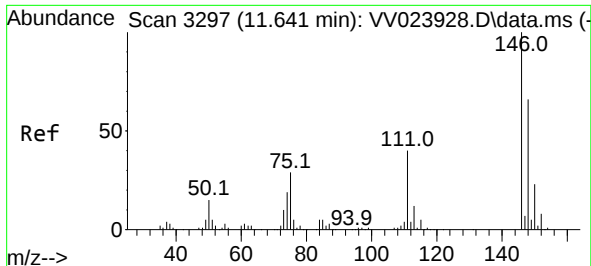


#65
1,4-Dichlorobenzene
Concen: 0.296 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023932.D
Acq: 11 Dec 2021 15:42



Tgt Ion:146 Resp: 4496
Ion Ratio Lower Upper
146 100
111 37.7 25.6 47.6
148 56.4 44.8 83.2

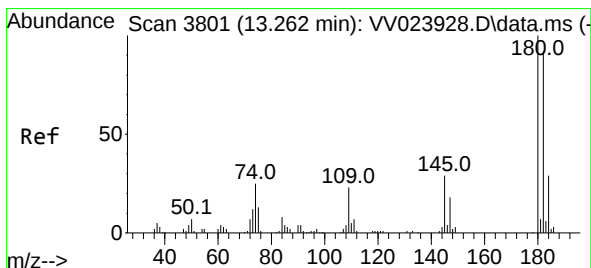
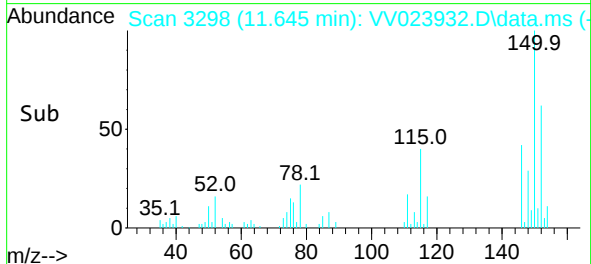
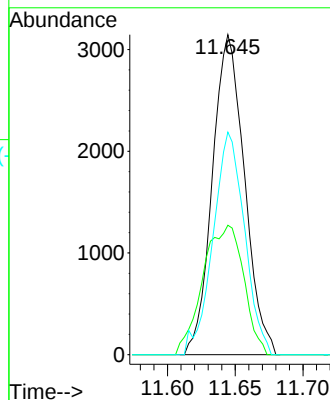
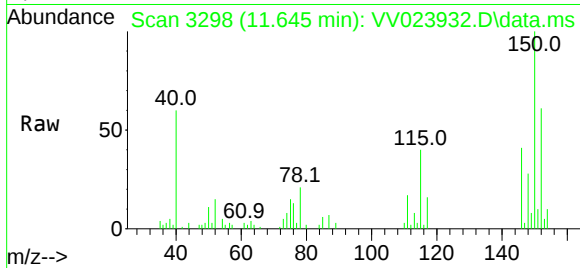




#67
1,2-Dichlorobenzene
Concen: 0.374 ug/L
RT: 11.645 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023932.D
Acq: 11 Dec 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 5178
Ion Ratio Lower Upper
146 100
111 40.5 31.9 47.9
148 69.5 50.5 75.7



#70
1,2,4-trichlorobenzene
Concen: 0.076 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.007 min
Lab File: VV023932.D
Acq: 11 Dec 2021 15:42

Tgt Ion:180 Resp: 743
Ion Ratio Lower Upper
180 100
182 92.5 74.4 111.6
145 16.7 23.3 34.9#

