

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024016.D
 Acq On : 16 Dec 2021 16:27
 Operator : SY/MD
 Sample : M5090-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95177	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	102234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	24047	4.700	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	20094	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.108	63	35926	3.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.918	46	54622	54.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.280%
24) Chloroform-d	4.349	84	52565	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.037	65	27343	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.050	84	101135	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	28851	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.316	98	89058	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.625	79	10652	4.203	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.091	63	47909	42.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22867	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	39985	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	638	0.090	ug/L #	81
5) Vinyl chloride	1.307	62	410	0.053	ug/L #	1
13) Acetone	2.220	43	1485	1.857	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	2054	0.275	ug/L	93
33) Benzene	5.111	78	6004	0.208	ug/L	100
35) Methylcyclohexane	6.072	83	7712	0.642	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	3568	0.519	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	918	0.090	ug/L #	72
42) Toluene	7.397	91	3942	0.121	ug/L	87
48) 2-Hexanone	8.146	43	1878	0.784	ug/L #	63
51) Chlorobenzene	8.882	112	4872	0.224	ug/L	89
52) Ethylbenzene	9.021	91	2123	0.062	ug/L	99
60) Isopropylbenzene	9.934	105	20763	0.611	ug/L	97
61) 1,2,3-Trichloropropane	9.927	75	247	0.063	ug/L #	1
65) 1,4-Dichlorobenzene	11.281	146	2761	0.158	ug/L	88
67) 1,2-Dichlorobenzene	11.644	146	8751	0.550	ug/L	94
71) Naphthalene	13.512	128	1240	0.077	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 17 02:01:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

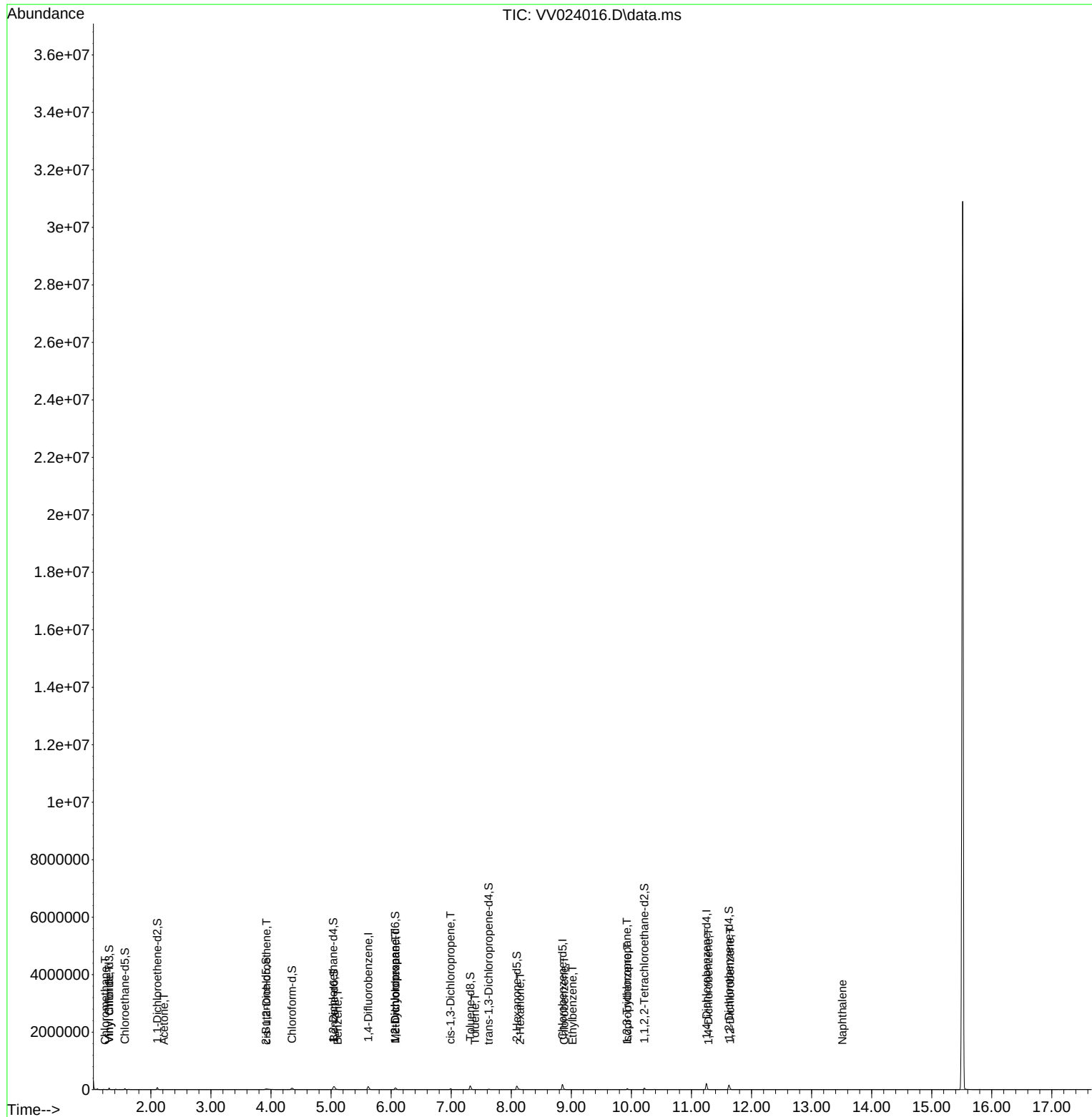
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

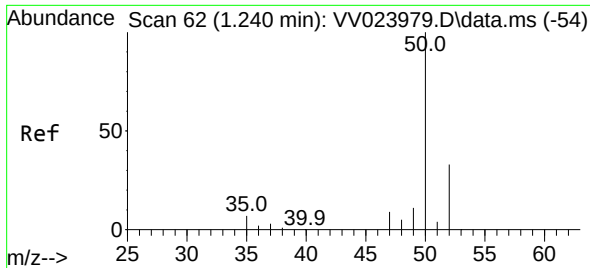
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
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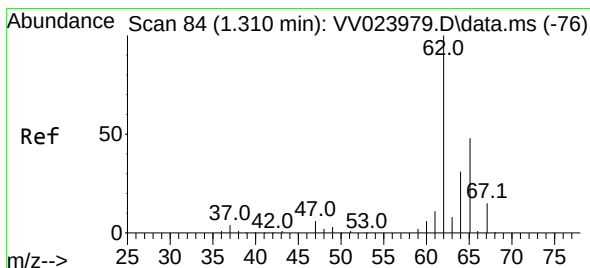
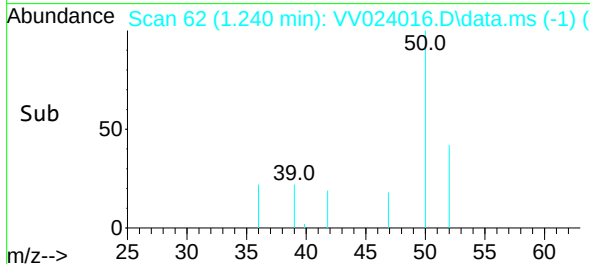
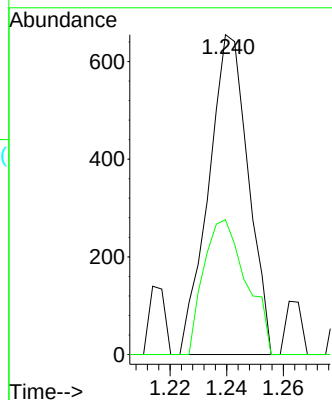
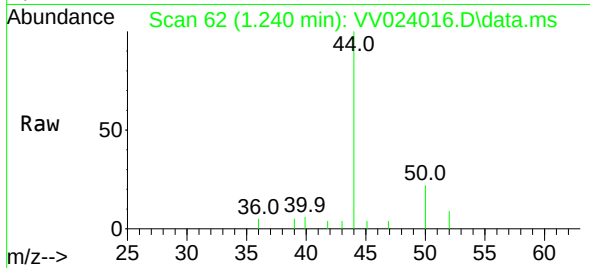




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

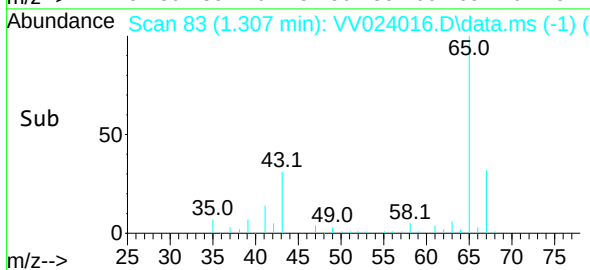
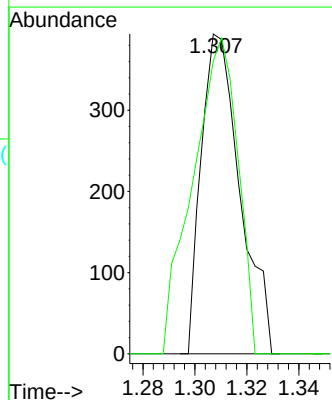
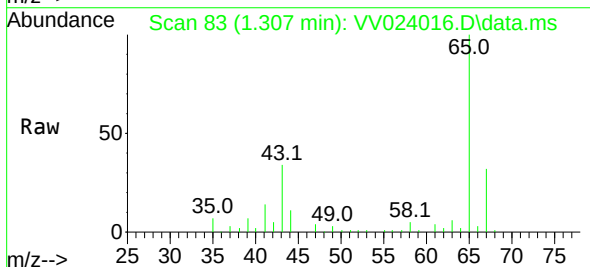
Instrument :
MSVOA_V
ClientSampleId :

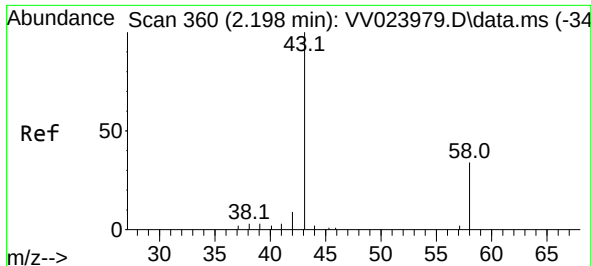
Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 42.1 22.0 41.0#



#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

Tgt Ion: 62 Resp: 410
Ion Ratio Lower Upper
62 100
64 91.6 22.4 41.6#





#13

Acetone

Concen: 1.857 ug/L

RT: 2.220 min Scan# 3

Delta R.T. 0.022 min

Lab File: VV024016.D

Acq: 16 Dec 2021 16:27

Instrument :

MSVOA_V

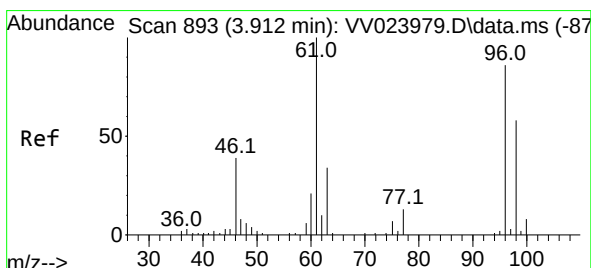
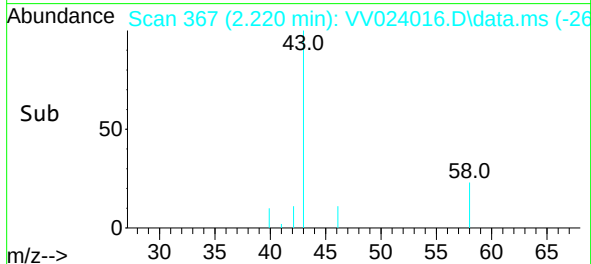
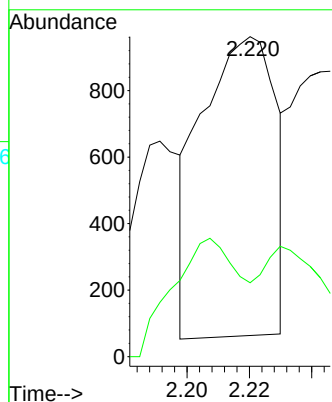
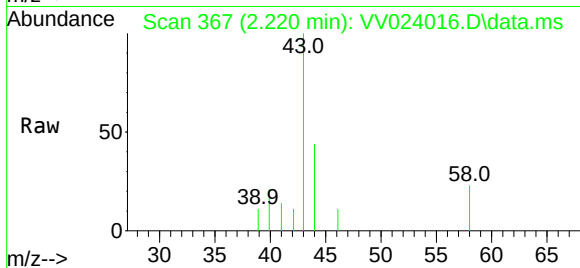
ClientSampleId :

Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 17.8 0.0 41.4



#22

cis-1,2-Dichloroethene

Concen: 0.275 ug/L

RT: 3.928 min Scan# 898

Delta R.T. 0.016 min

Lab File: VV024016.D

Acq: 16 Dec 2021 16:27

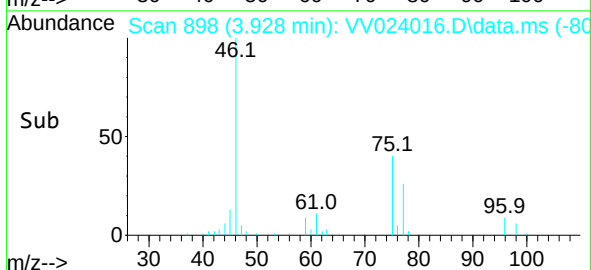
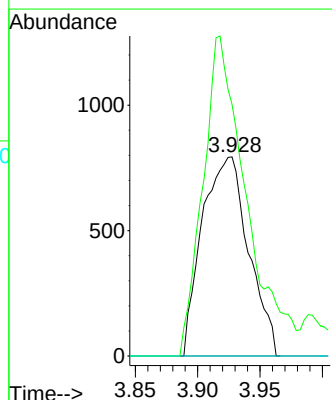
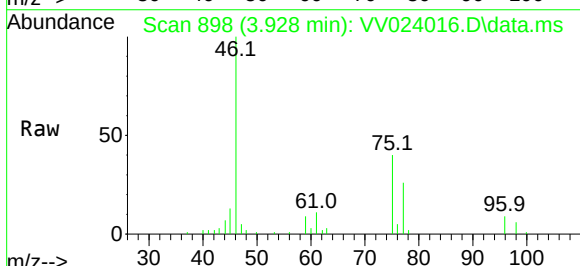
Tgt Ion: 96 Resp: 2054

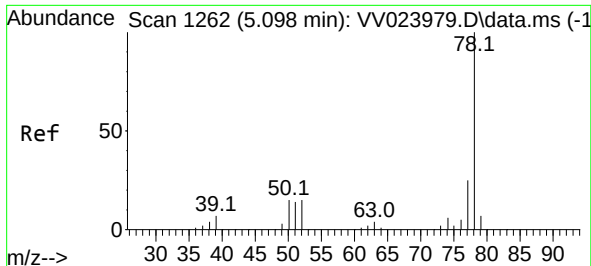
Ion Ratio Lower Upper

96 100

61 126.3 83.4 154.8

68 0.0 0.0 0.0

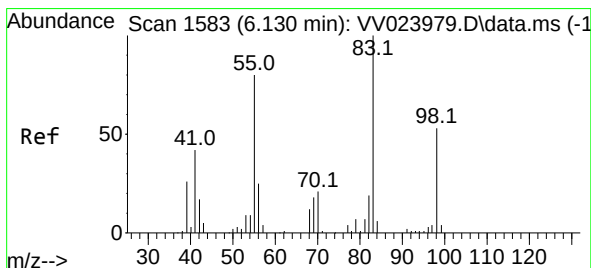
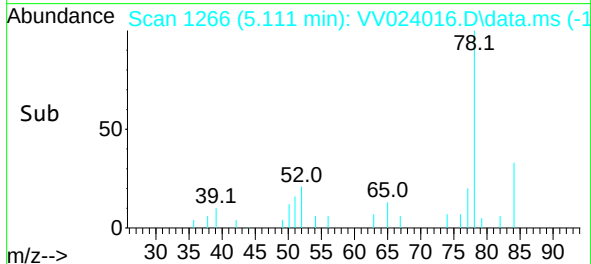
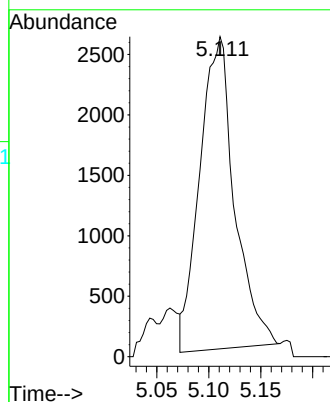
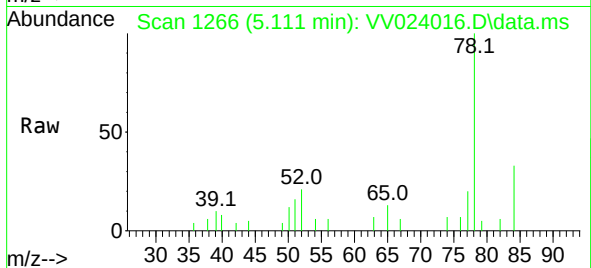




#33
Benzene
Concen: 0.208 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

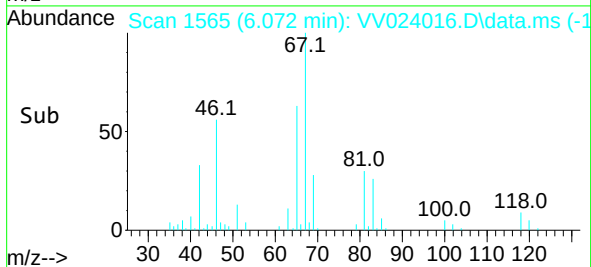
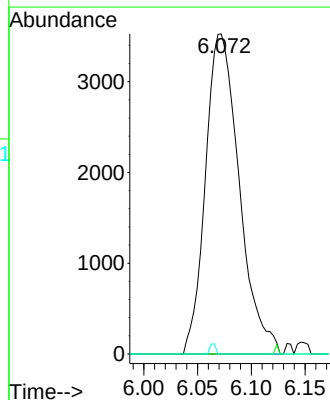
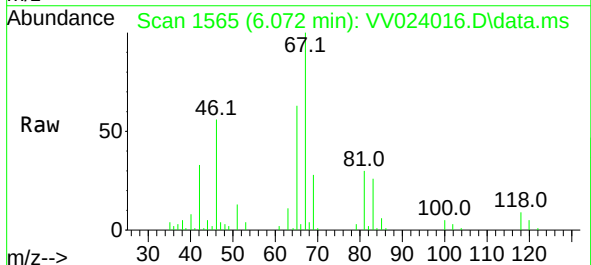
Instrument :
MSVOA_V
ClientSampleId :

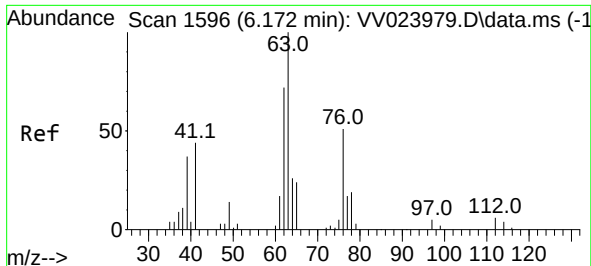
Tgt Ion: 78 Resp: 6004



#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

Tgt Ion: 83 Resp: 7712
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 0.6 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV024016.D

Acq: 16 Dec 2021 16:27

Instrument :

MSVOA_V

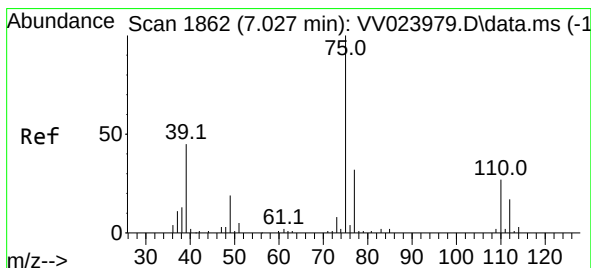
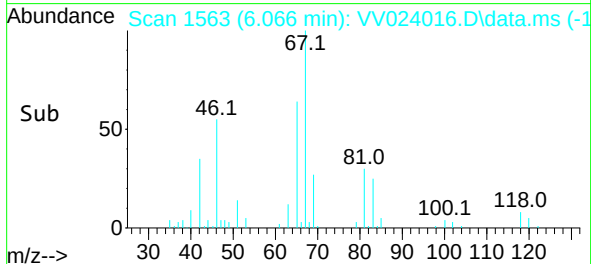
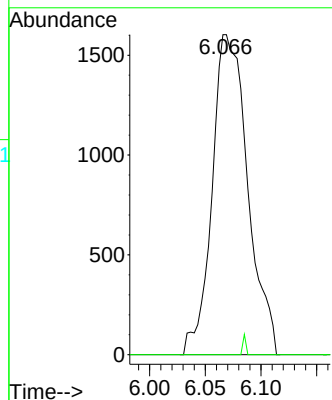
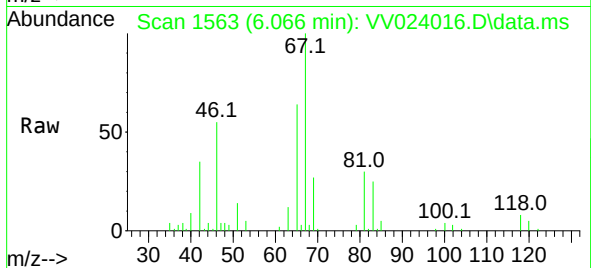
ClientSampleId :

Tgt Ion: 63 Resp: 3568

Ion Ratio Lower Upper

63 100

112 0.6 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV024016.D

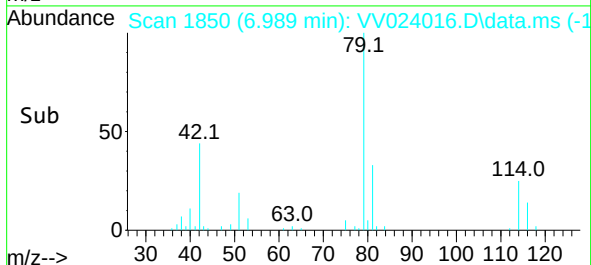
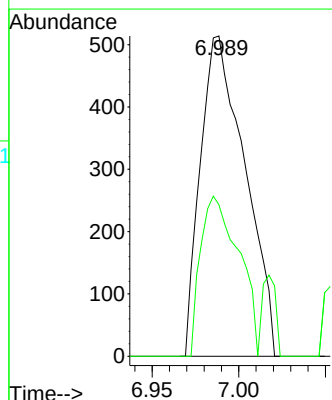
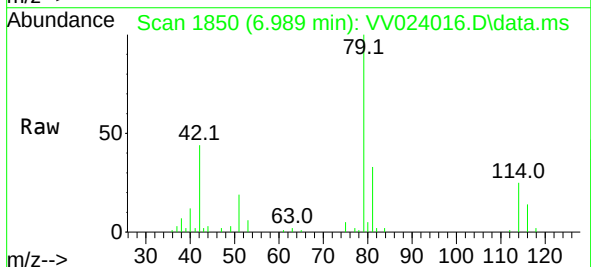
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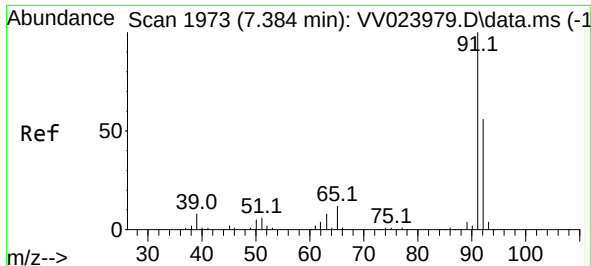
Tgt Ion: 75 Resp: 918

Ion Ratio Lower Upper

75 100

77 47.3 22.0 41.0#





#42

Toluene

Concen: 0.121 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV024016.D

Acq: 16 Dec 2021 16:27

Instrument :

MSVOA_V

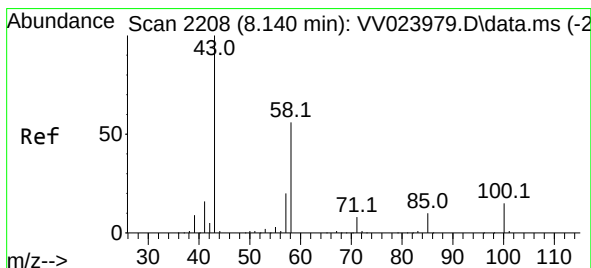
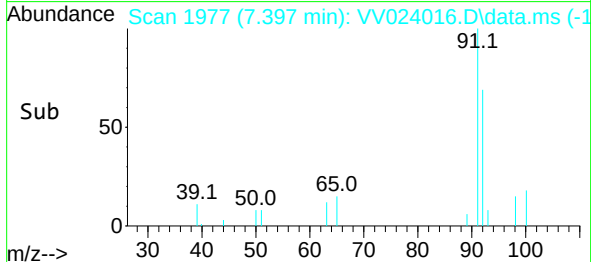
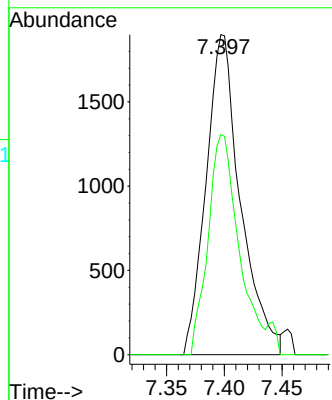
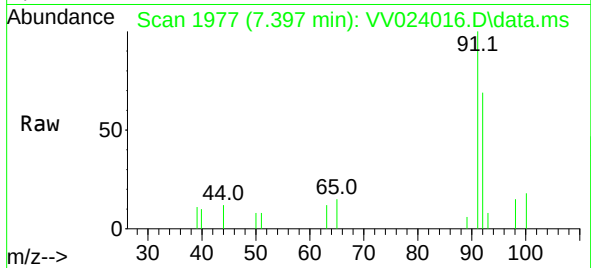
ClientSampleId :

Tgt Ion: 91 Resp: 3942

Ion Ratio Lower Upper

91 100

92 68.8 41.5 77.1



#48

2-Hexanone

Concen: 0.784 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV024016.D

Acq: 16 Dec 2021 16:27

Tgt Ion: 43 Resp: 1878

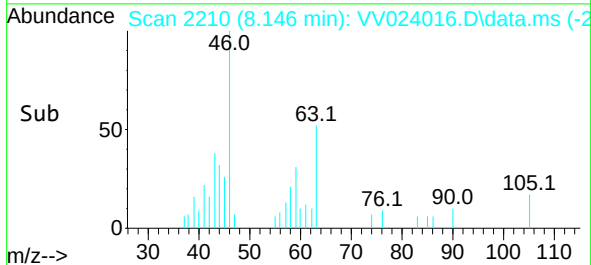
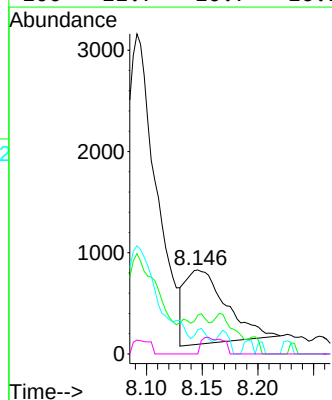
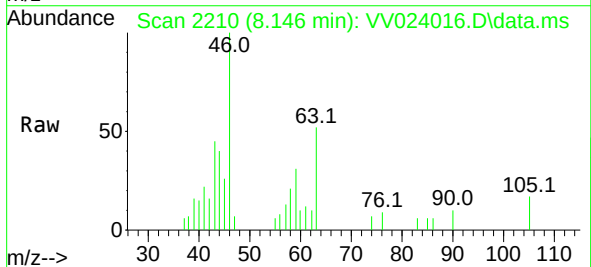
Ion Ratio Lower Upper

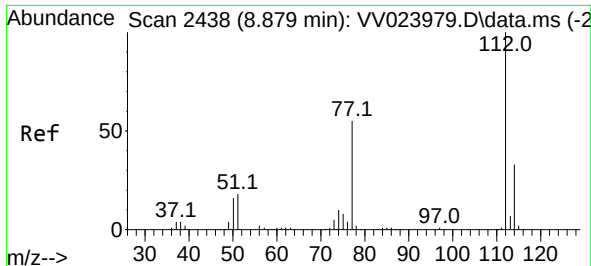
43 100

58 18.1 44.5 66.7#

57 11.7 15.1 22.7#

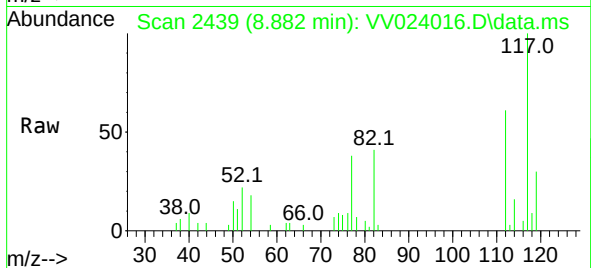
100 11.7 10.7 16.1



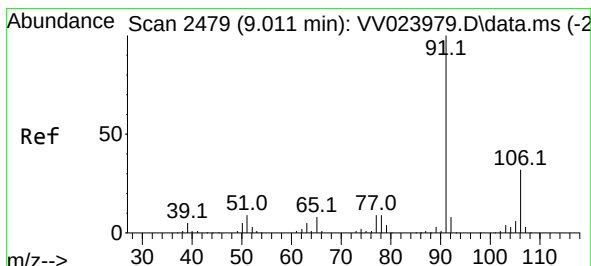
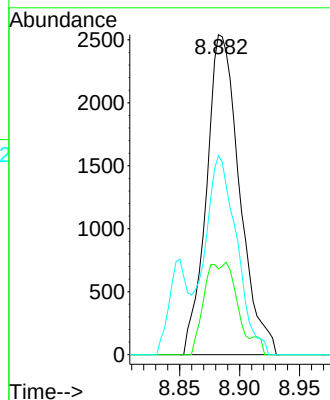
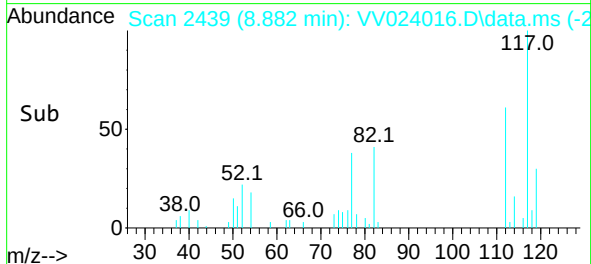


#51
Chlorobenzene
Concen: 0.224 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :

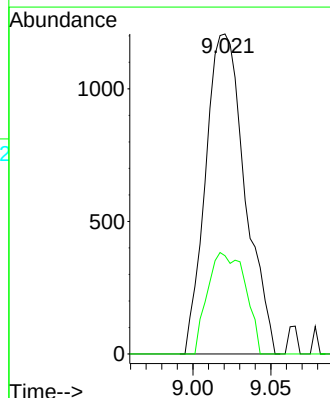
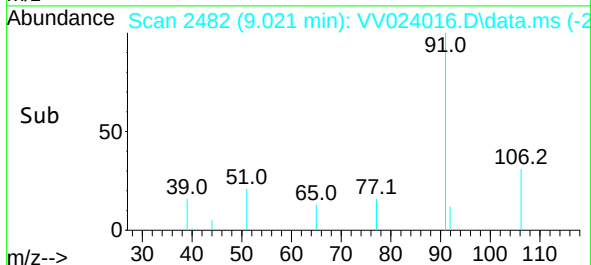
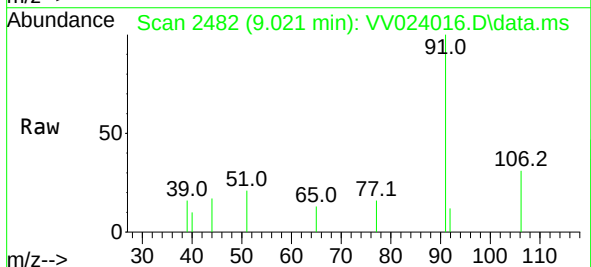


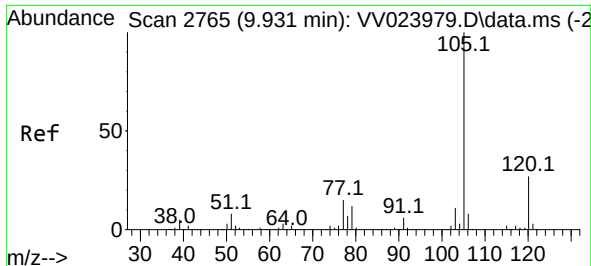
Tgt Ion:112 Resp: 4872
Ion Ratio Lower Upper
112 100
114 26.8 23.3 43.3
77 62.2 43.3 64.9



#52
Ethylbenzene
Concen: 0.062 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.009 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

Tgt Ion: 91 Resp: 2123
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0

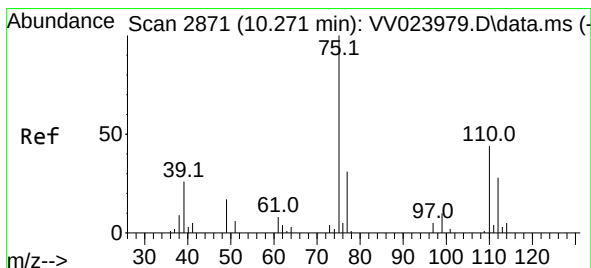
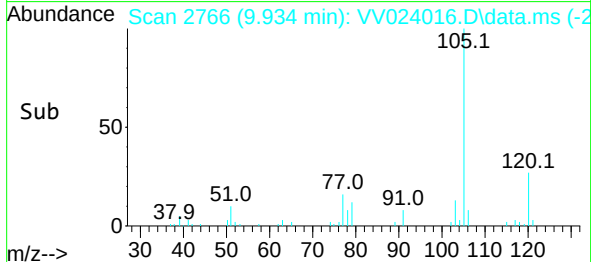
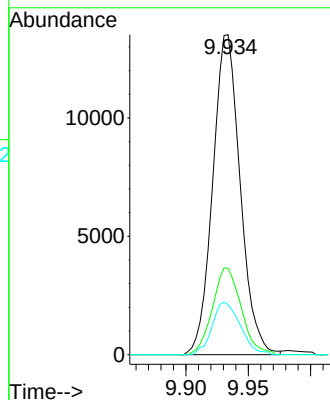
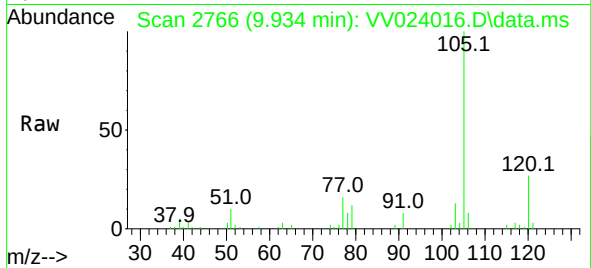




#60
Isopropylbenzene
Concen: 0.611 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

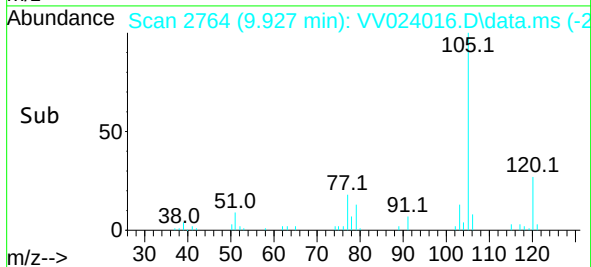
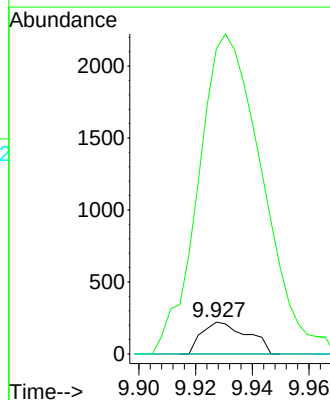
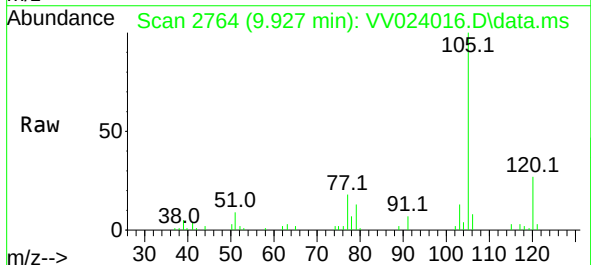
Instrument :
MSVOA_V
ClientSampleId :

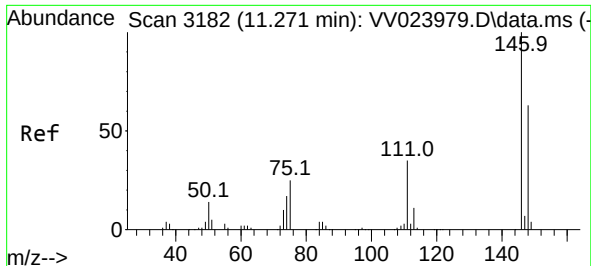
Tgt Ion:105 Resp: 20763
Ion Ratio Lower Upper
105 100
120 28.3 21.4 32.0
77 16.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.063 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.344 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

Tgt Ion: 75 Resp: 247
Ion Ratio Lower Upper
75 100
77 1408.5 26.4 39.6#
110 0.0 34.2 51.2#

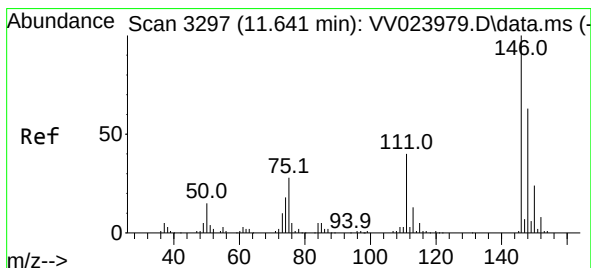
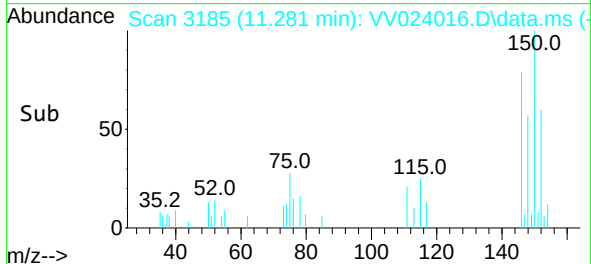
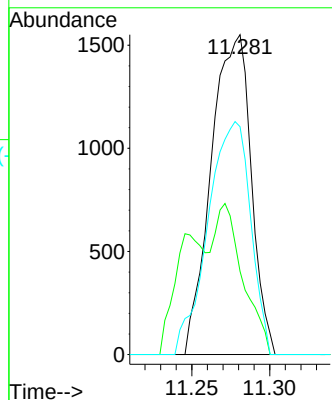
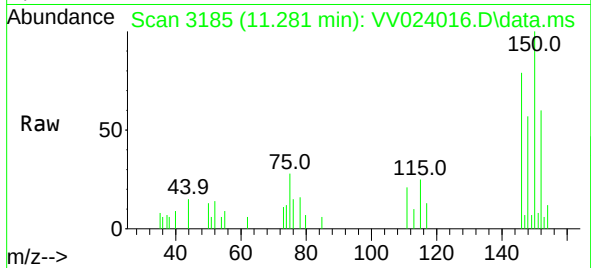




#65
1,4-Dichlorobenzene
Concen: 0.158 ug/L
RT: 11.281 min Scan# 3182
Delta R.T. 0.010 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

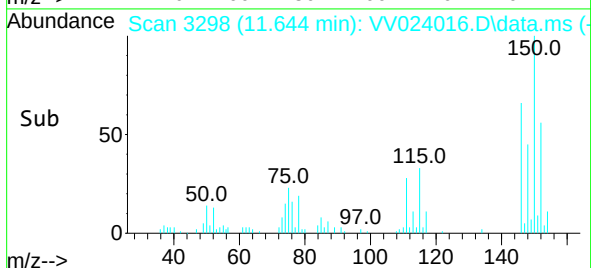
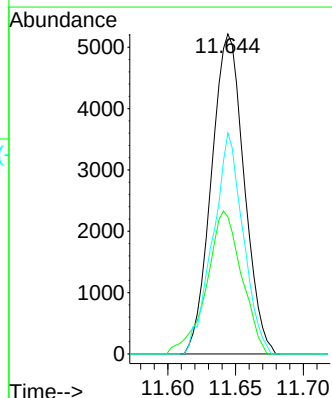
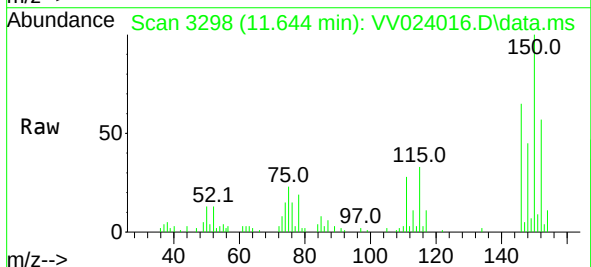
Instrument :
MSVOA_V
ClientSampleId :

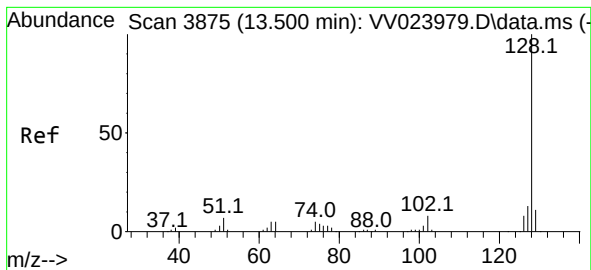
Tgt Ion:146 Resp: 2761
Ion Ratio Lower Upper
146 100
111 26.0 25.6 47.6
148 71.2 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.550 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024016.D
Acq: 16 Dec 2021 16:27

Tgt Ion:146 Resp: 8751
Ion Ratio Lower Upper
146 100
111 42.8 31.9 47.9
148 69.0 50.5 75.7





#71

Naphthalene

Concen: 0.077 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

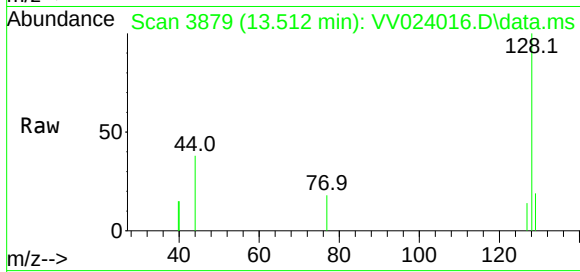
Lab File: VV024016.D

Acq: 16 Dec 2021 16:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1240

Ion Ratio Lower Upper

128 100

129 5.7 9.0 13.4#

127 12.3 10.2 15.4

