

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023422.D
 Acq On : 12 Nov 2021 06:11
 Operator : SY/MD
 Sample : M4580-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:08:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54558	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30504	4.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.568	69	26853	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.108	63	43958	3.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.902	46	52212	41.200	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.400%
24) Chloroform-d	4.352	84	65573	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.037	65	31072	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.053	84	125045	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.072	67	39247	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.320	98	105072	3.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.629	79	11985	3.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.092	63	58271	45.380	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26380	3.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	41023	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	342	0.055	ug/L	90
12) 1,1-Dichloroethene	2.118	96	711	0.102	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	16556	1.999	ug/L #	89
25) Chloroform	4.381	83	5748	0.371	ug/L	93
33) Benzene	5.111	78	4160	0.122	ug/L	100
34) Trichloroethene	5.915	95	58444	6.453	ug/L	98
35) Methylcyclohexane	6.069	83	9564	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4364	0.549	ug/L #	83
42) Toluene	7.397	91	3865	0.106	ug/L	83
45) 1,1,2-Trichloroethane	8.005	97	213806	37.424	ug/L #	29
47) Tetrachloroethene	8.008	164	20088058	2559.095	ug/L	88
48) 2-Hexanone	8.140	43	2308	0.893	ug/L #	76
49) Dibromochloromethane	8.008	129	19505329	2694.495	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	373	0.103	ug/L #	54
64) 1,3-Dichlorobenzene	11.188	146	1847	0.115	ug/L #	87
67) 1,2-Dichlorobenzene	11.644	146	3407	0.238	ug/L #	86

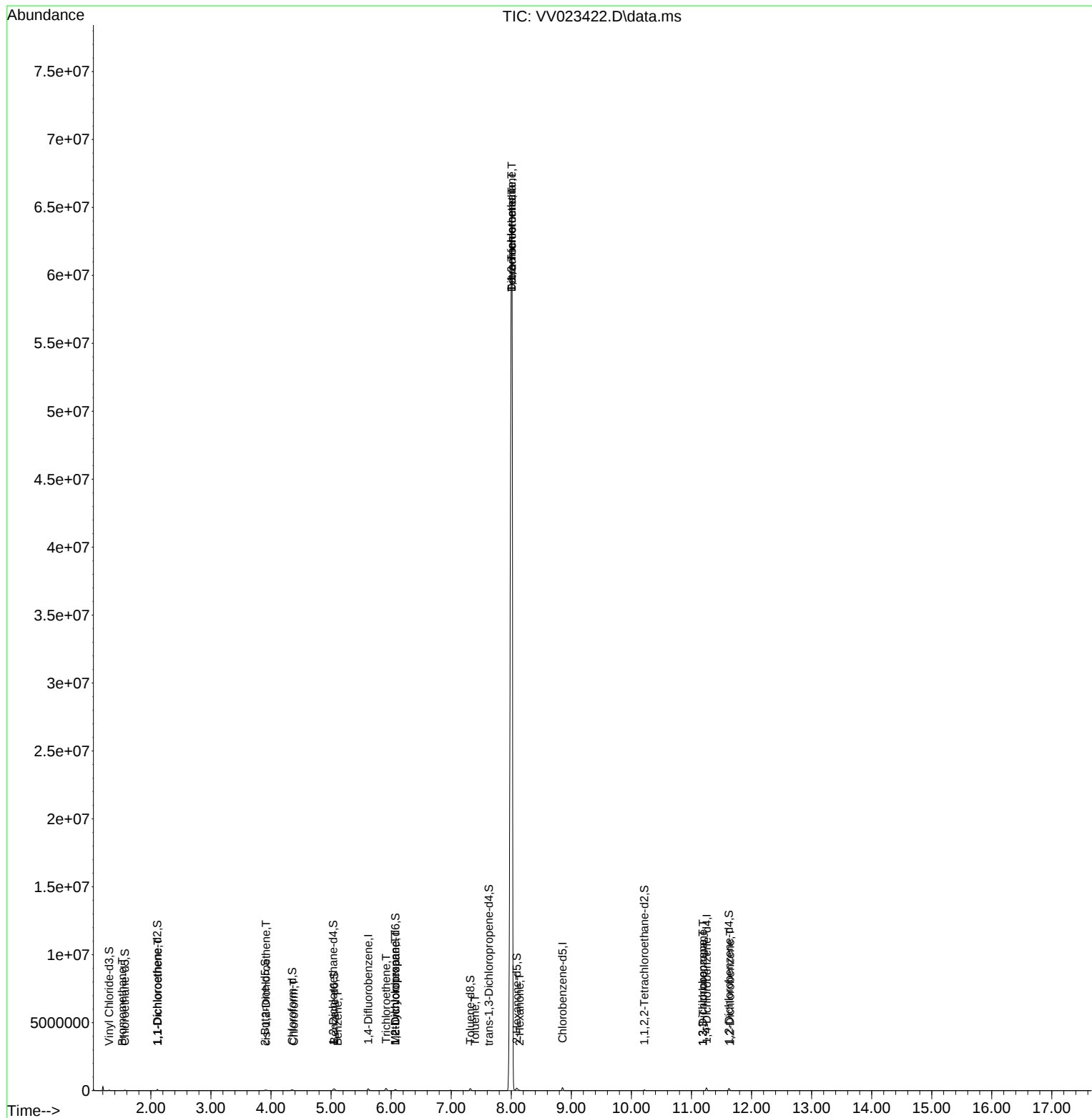
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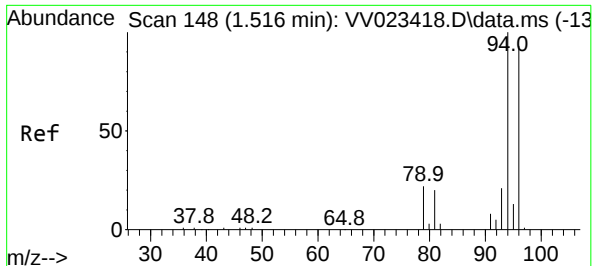
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration

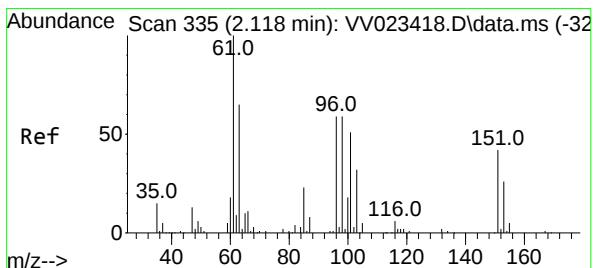
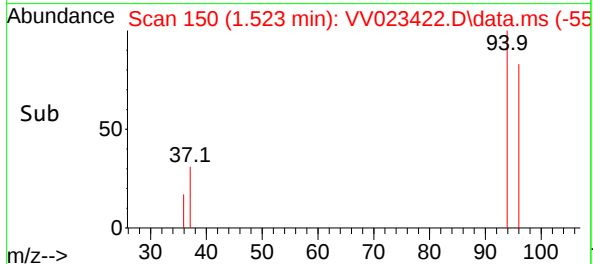
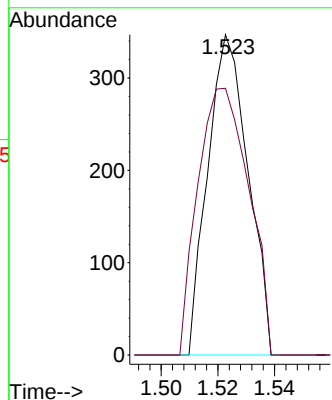
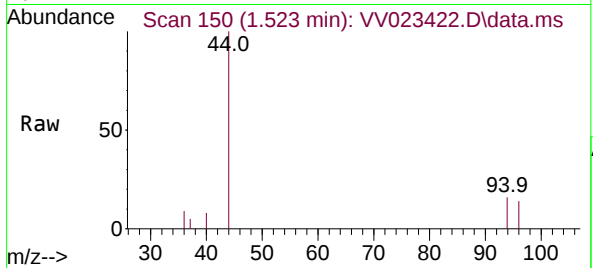




#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

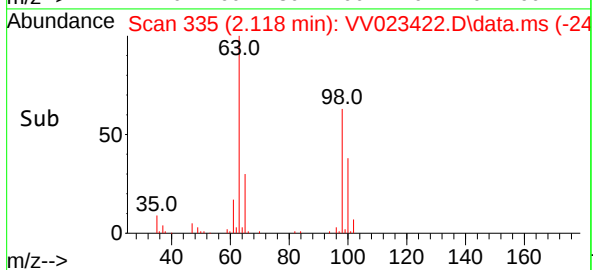
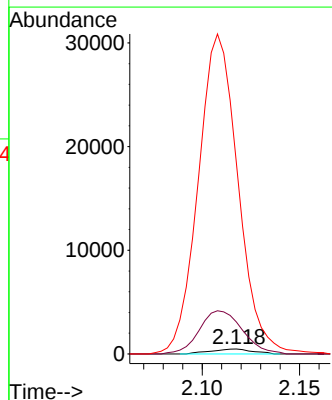
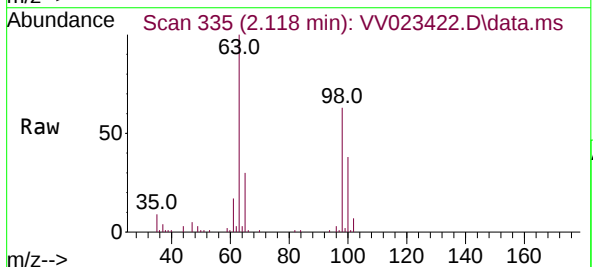
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MSVOA_V
ClientSampleId :

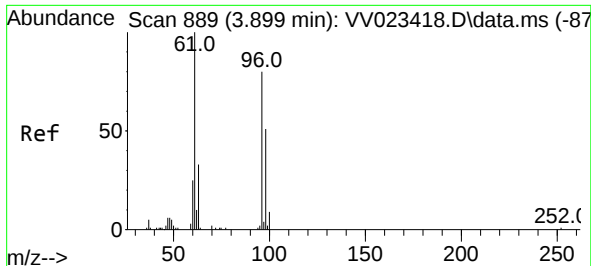
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 83.3 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

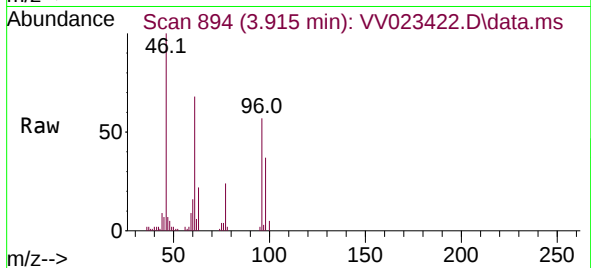
Tgt Ion: 96 Resp: 711
Ion Ratio Lower Upper
96 100
61 643.8 121.5 225.7#
63 3849.7 99.6 185.0#



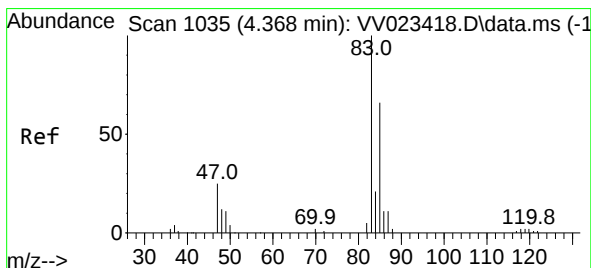
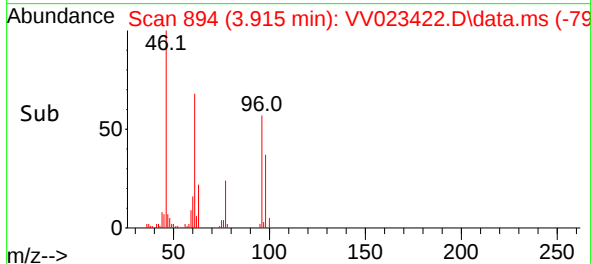
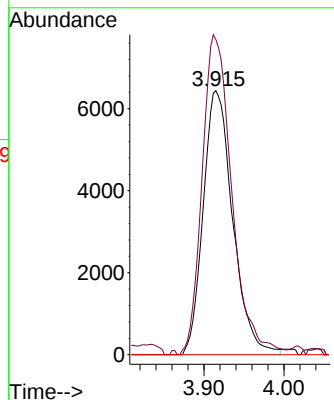


#22
 cis-1,2-Dichloroethene
 Concen: 1.999 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.016 min
 Lab File: VV023422.D
 Acq: 12 Nov 2021 06:11

Instrument :
 MSVOA_V
 ClientSampleId :

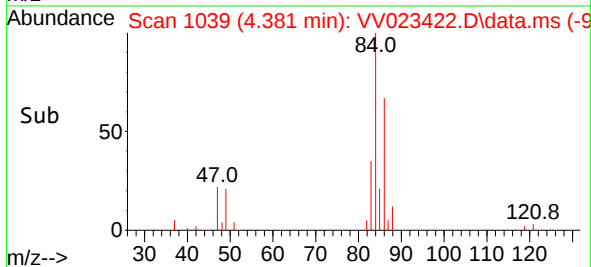
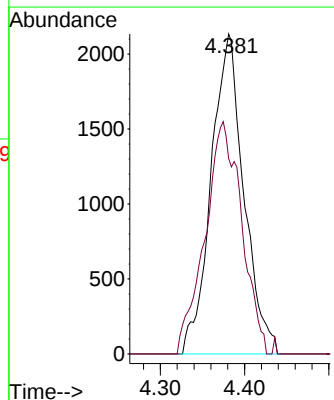
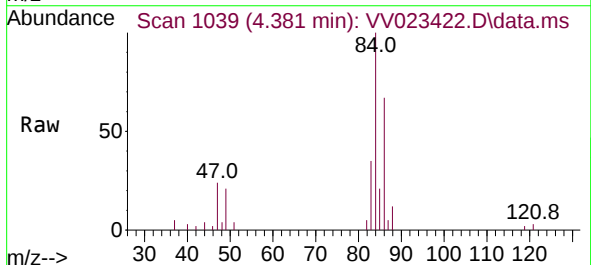


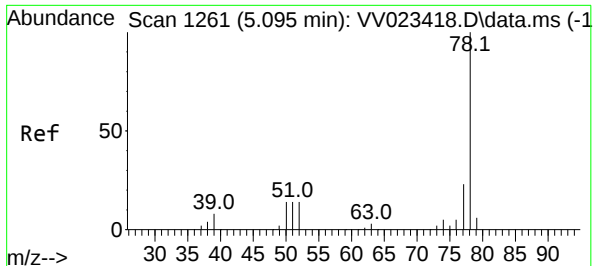
Tgt Ion: 96 Resp: 16556
 Ion Ratio Lower Upper
 96 100
 61 119.3 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.371 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.013 min
 Lab File: VV023422.D
 Acq: 12 Nov 2021 06:11

Tgt Ion: 83 Resp: 5748
 Ion Ratio Lower Upper
 83 100
 85 61.1 46.8 86.8

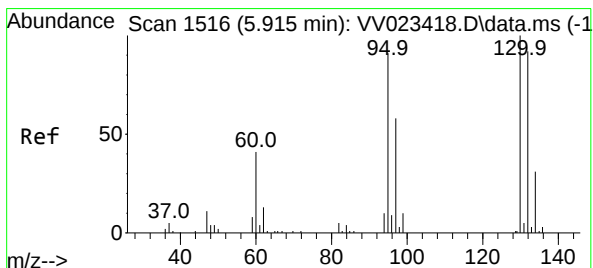
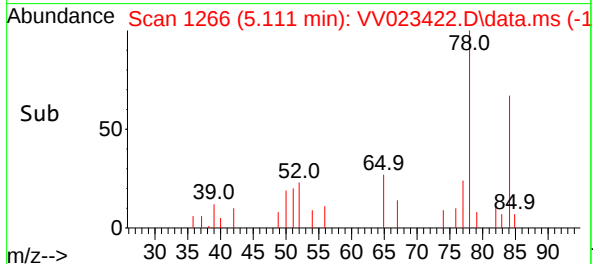
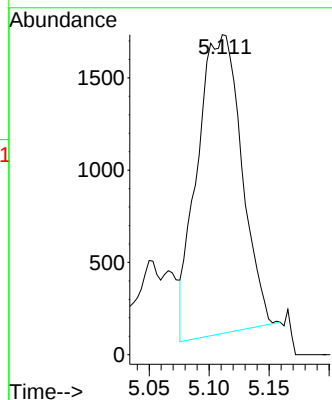
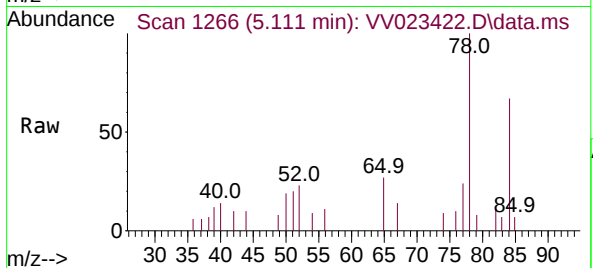




#33
Benzene
Concen: 0.122 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.016 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

Instrument :
MSVOA_V
ClientSampleId :

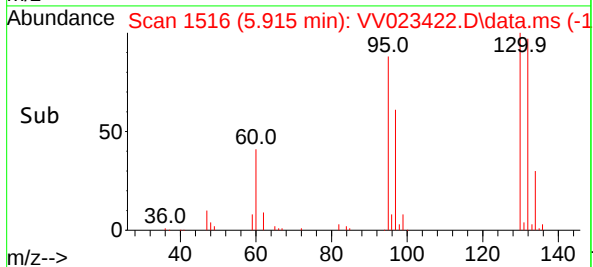
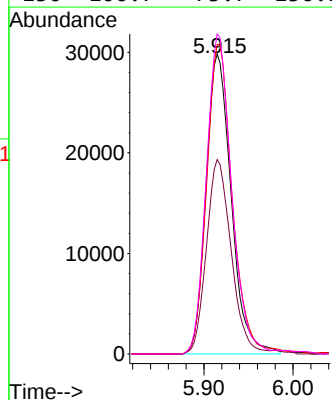
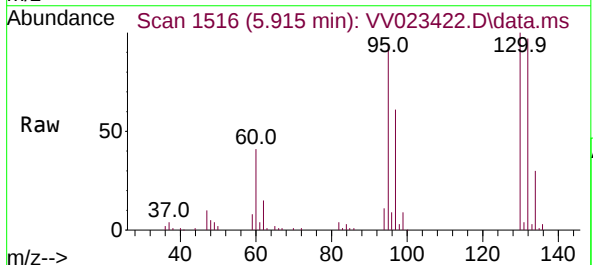
Tgt Ion: 78 Resp: 4160

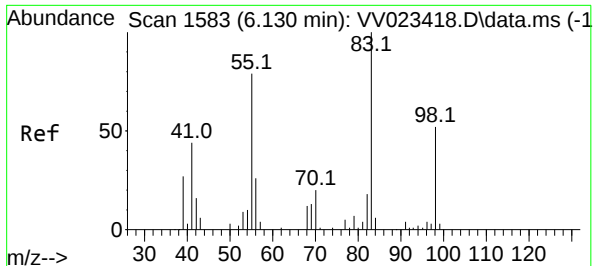


#34
Trichloroethene
Concen: 6.453 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

Tgt Ion: 95 Resp: 58444

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	103.2	69.7	129.4
130	106.7	73.7	136.9

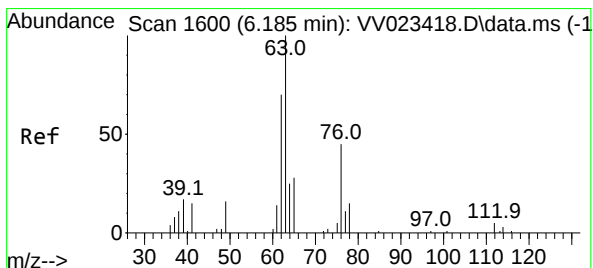
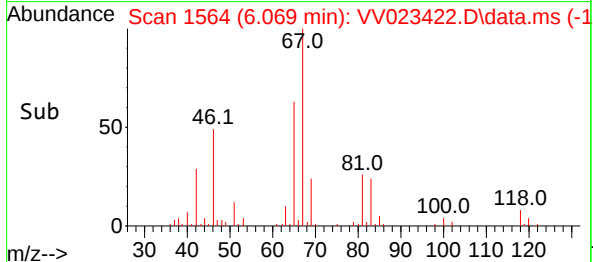
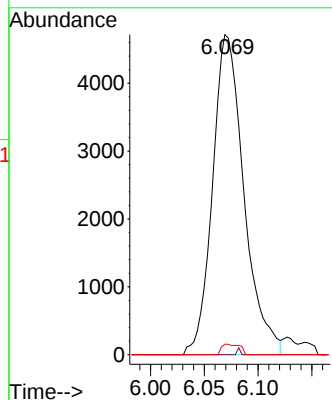
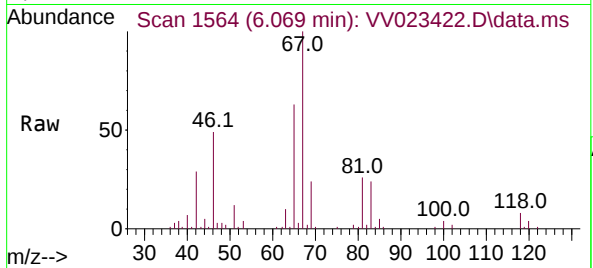




#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

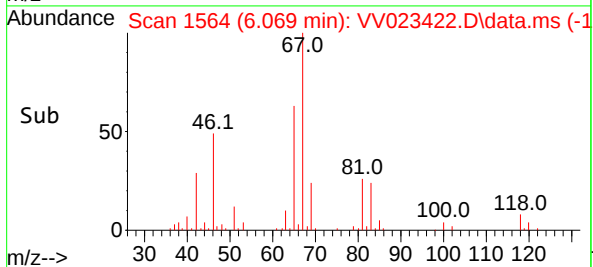
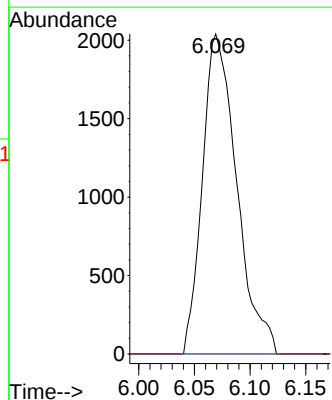
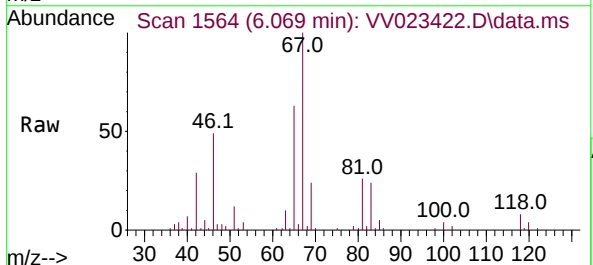
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ClientSampleId :

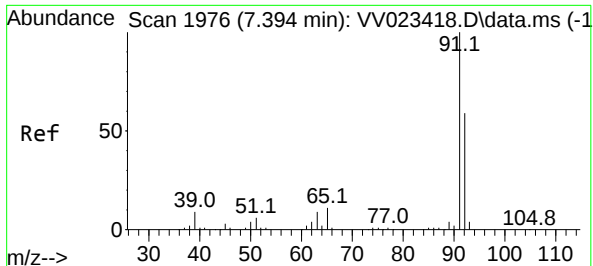
Tgt Ion: 83 Resp: 9564
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 1.9 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.116 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

Tgt Ion: 63 Resp: 4364
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.106 ug/L

RT: 7.397 min Scan# 1976

Delta R.T. 0.003 min

Lab File: VV023422.D

Acq: 12 Nov 2021 06:11

Instrument :

MSVOA_V

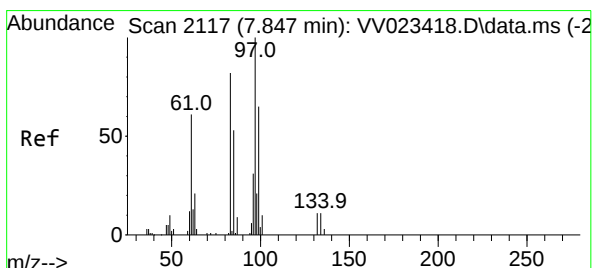
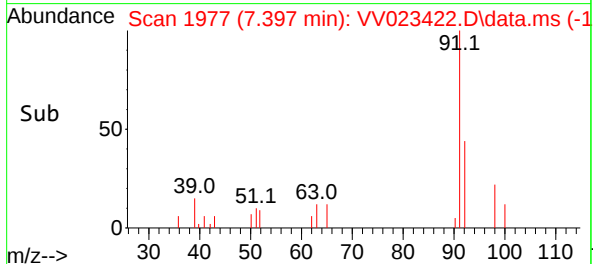
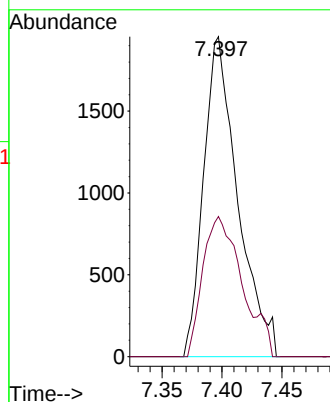
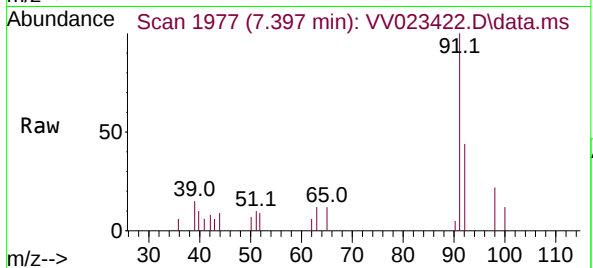
ClientSampleId :

Tgt Ion: 91 Resp: 3865

Ion Ratio Lower Upper

91 100

92 43.8 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 37.424 ug/L

RT: 8.005 min Scan# 2166

Delta R.T. 0.158 min

Lab File: VV023422.D

Acq: 12 Nov 2021 06:11

Tgt Ion: 97 Resp: 213806

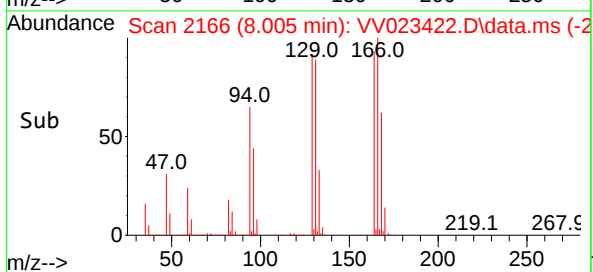
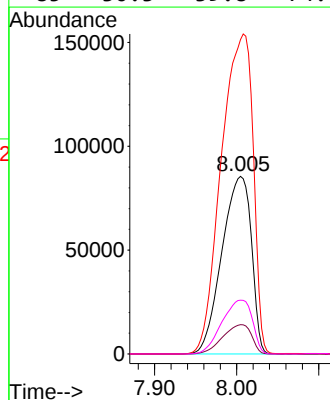
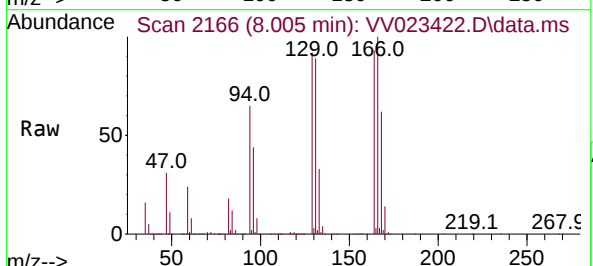
Ion Ratio Lower Upper

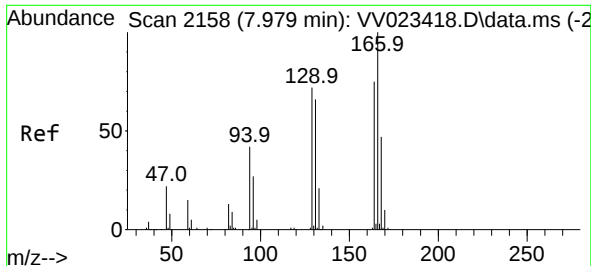
97 100

99 16.5 43.6 81.0#

83 177.0 58.4 108.4#

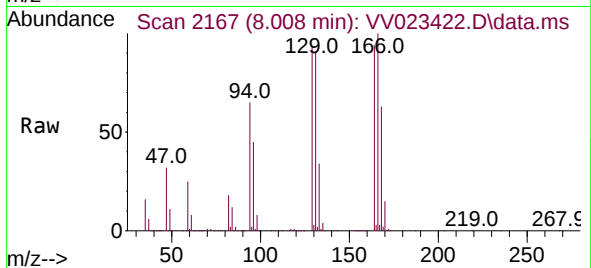
85 30.3 39.8 74.0#



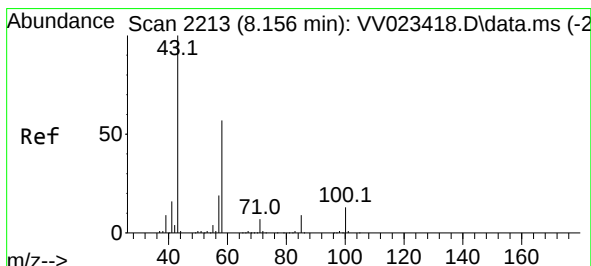
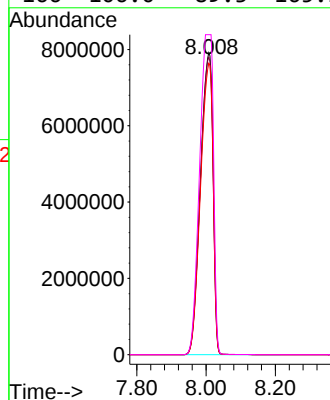
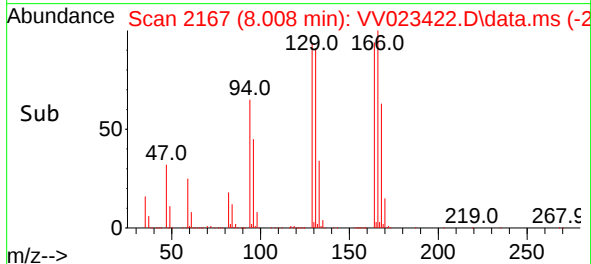


#47
Tetrachloroethene
Concen: 2559.095 ug/L
RT: 8.008 min Scan# 2158
Delta R.T. 0.029 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

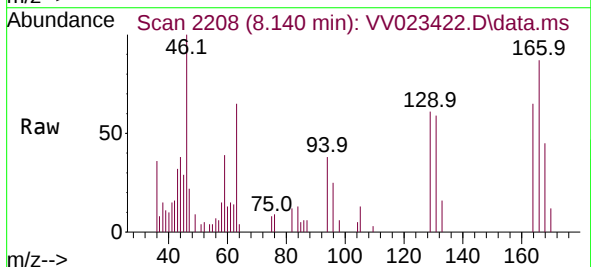
Instrument :
MSVOA_V
ClientSampleId :



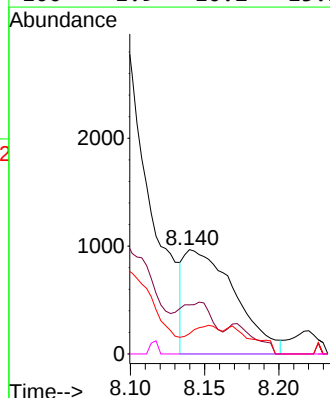
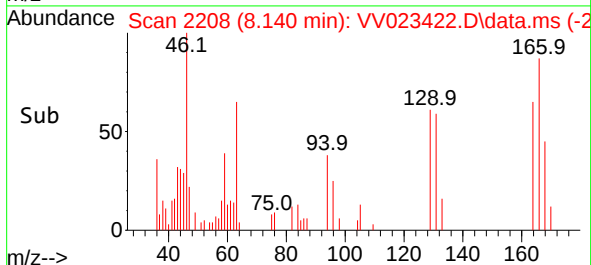
Tgt Ion:164 Resp:20088058
Ion Ratio Lower Upper
164 100
129 98.5 64.0 119.0
131 96.5 63.4 117.8
166 106.0 89.3 165.9

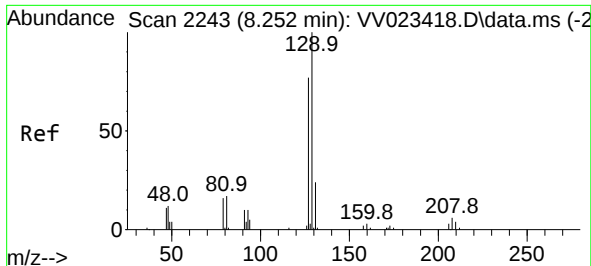


#48
2-Hexanone
Concen: 0.893 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.016 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11



Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
58 32.2 43.7 65.5#
57 17.0 14.1 21.1
100 1.9 10.2 15.2#

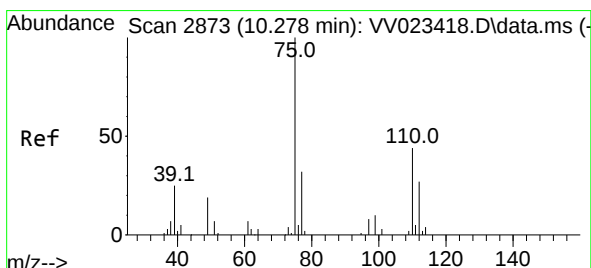
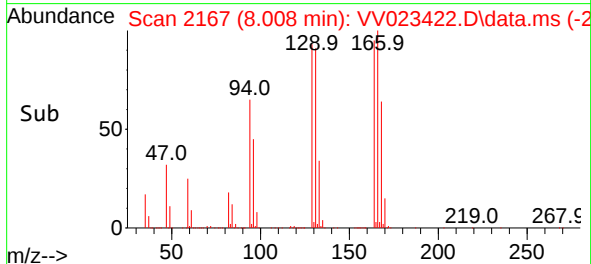
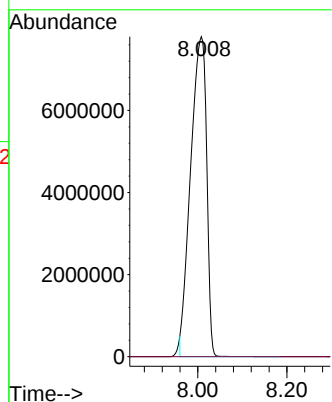
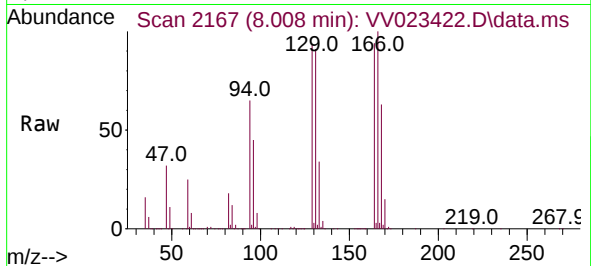




#49
Dibromochloromethane
Concen: 2694.495 ug/L
RT: 8.008 min Scan# 2167
Delta R.T. -0.244 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

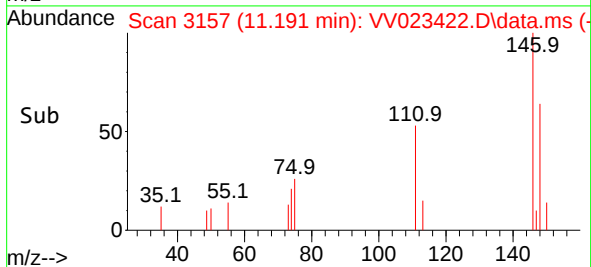
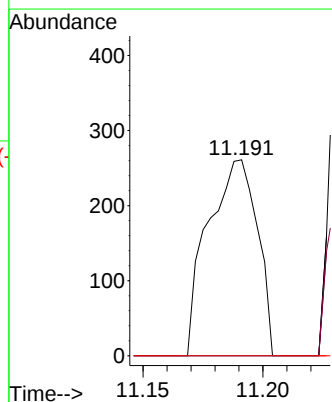
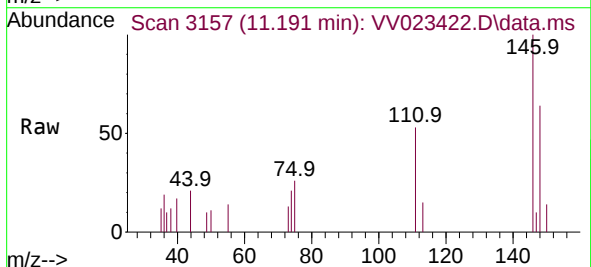
Instrument :
MSVOA_V
ClientSampleId :

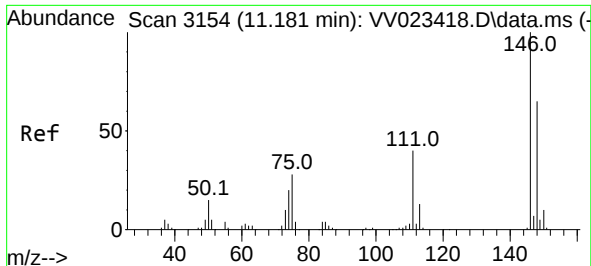
Tgt Ion:129 Resp:19505329
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 0.103 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.913 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

Tgt Ion: 75 Resp: 373
Ion Ratio Lower Upper
75 100
77 19.6 26.6 39.8#
110 0.0 31.8 47.6#

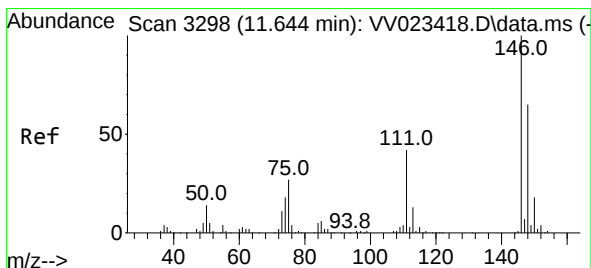
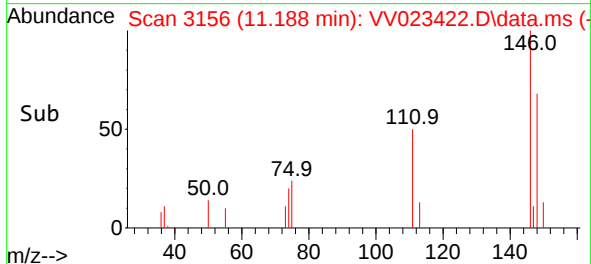
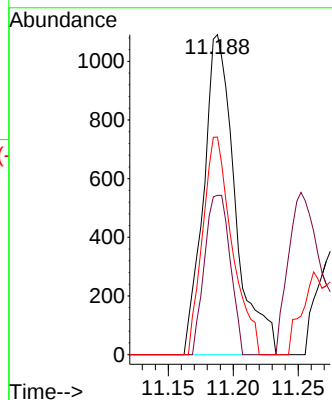
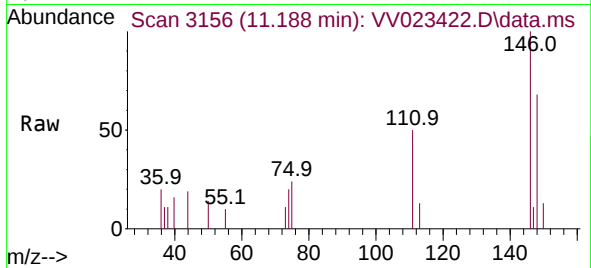




#64
1,3-Dichlorobenzene
Concen: 0.115 ug/L
RT: 11.188 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1847
Ion Ratio Lower Upper
146 100
111 49.8 26.7 49.7#
148 68.0 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 0.238 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV023422.D
Acq: 12 Nov 2021 06:11

Tgt Ion:146 Resp: 3407
Ion Ratio Lower Upper
146 100
111 56.9 31.6 47.4#
148 67.2 51.0 76.6

