

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023997.D
 Acq On : 15 Dec 2021 21:37
 Operator : SY/MD
 Sample : M4971-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D0

Quant Time: Dec 16 04:53:30 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	96130	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20939	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.568	69	17038	3.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.108	63	24079	2.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	3.892	46	71415	70.733	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.460%#
24) Chloroform-d	4.352	84	51075	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.034	65	26066	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	79486	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.069	67	26694	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.320	98	59615	3.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.629	79	8694	3.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.088	63	49278	44.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23696	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	30327	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	669	0.094	ug/L	100
5) Vinyl chloride	1.311	62	481303	62.072	ug/L	99
8) Chloroethane	1.311	64	156980	31.114	ug/L #	45
12) 1,1-Dichloroethene	2.114	96	474	0.073	ug/L #	1
13) Acetone	2.185	43	2978	3.687	ug/L	96
14) Carbon disulfide	2.294	76	1556	0.083	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	12739	1.784	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	160722	21.267	ug/L	99
35) Methylcyclohexane	6.069	83	7185	0.607	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3122	0.461	ug/L #	84
42) Toluene	7.397	91	3281	0.102	ug/L	87
48) 2-Hexanone	8.088	43	6648	2.817	ug/L #	69
51) Chlorobenzene	8.883	112	35281	1.645	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	5092	1.504	ug/L #	62
65) 1,4-Dichlorobenzene	11.281	146	1100	0.073	ug/L #	82
67) 1,2-Dichlorobenzene	11.644	146	78544	5.746	ug/L	98

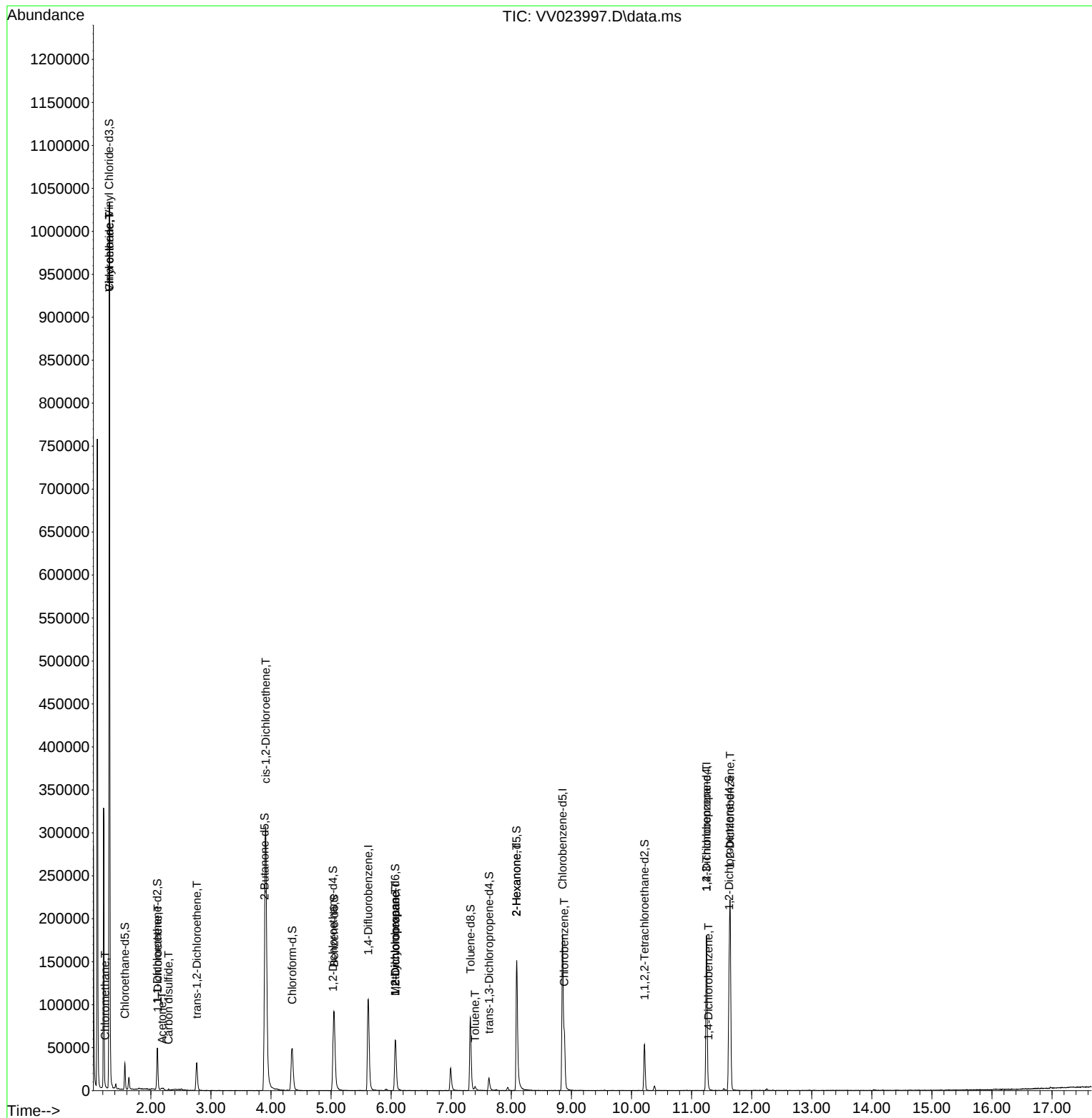
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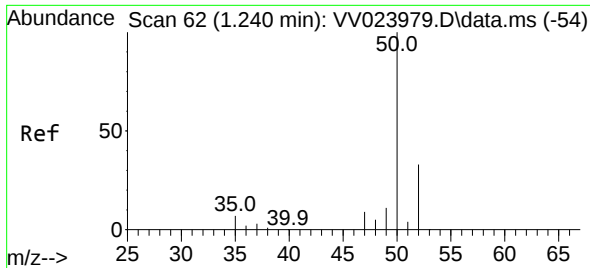
Instrument :
MSVOA_V
ClientSampleId :
BG3D0

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

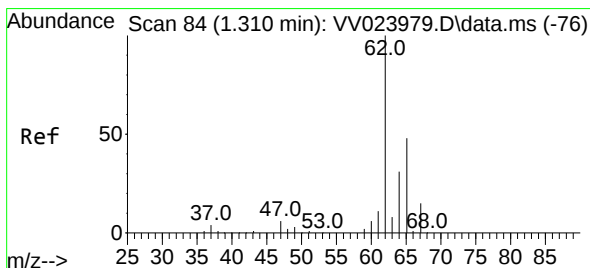
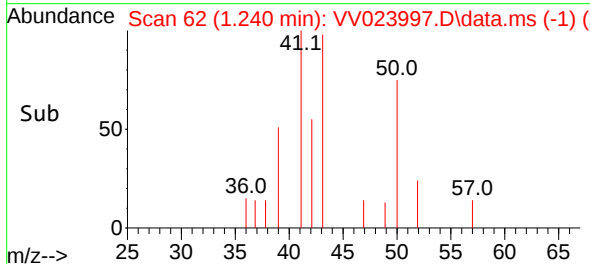
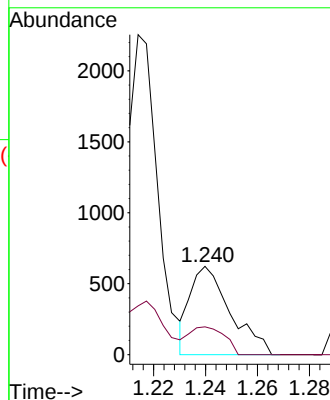
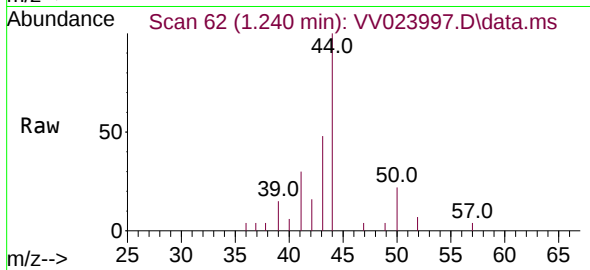




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

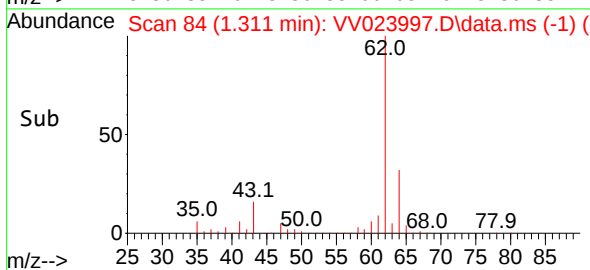
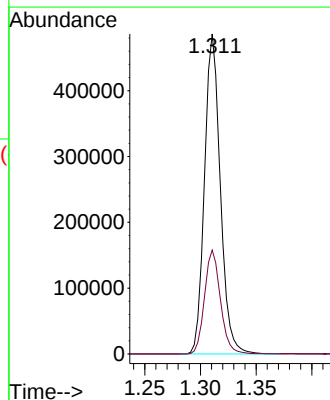
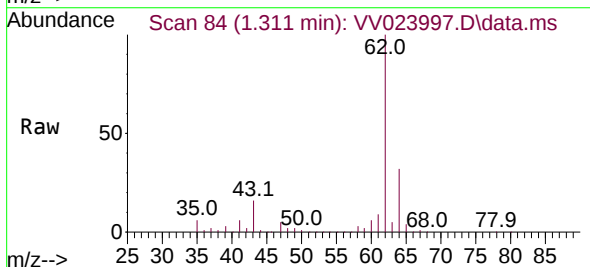
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MSVOA_V
ClientSampleId :
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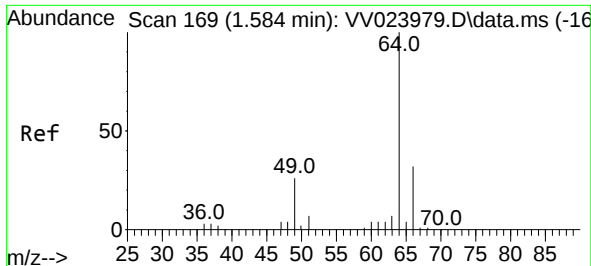
Tgt Ion: 50 Resp: 669
Ion Ratio Lower Upper
50 100
52 31.5 22.0 41.0



#5
Vinyl chloride
Concen: 62.072 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion: 62 Resp: 481303
Ion Ratio Lower Upper
62 100
64 32.5 22.4 41.6

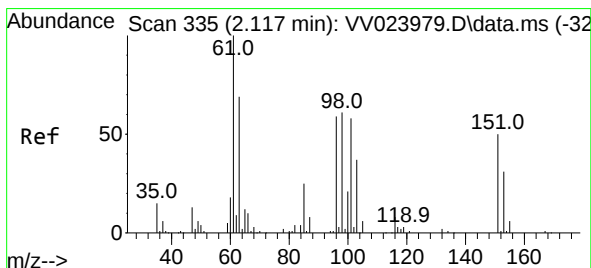
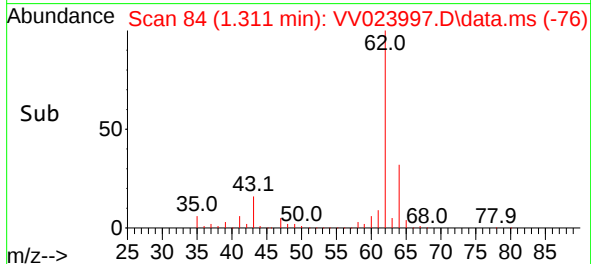
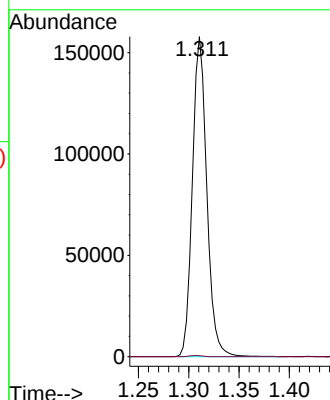
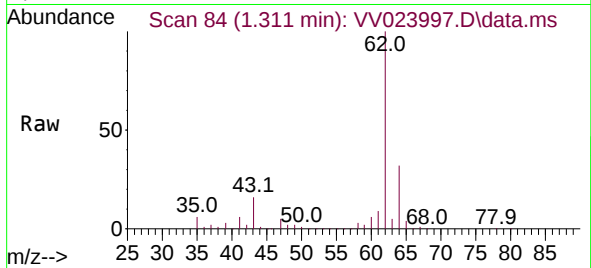




#8
Chloroethane
Concen: 31.114 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

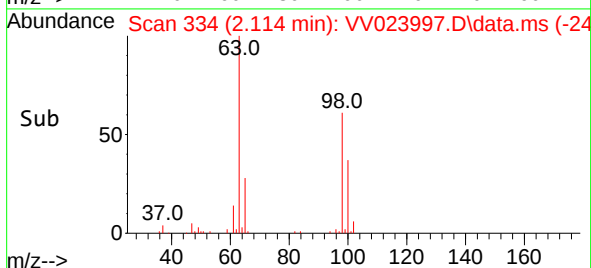
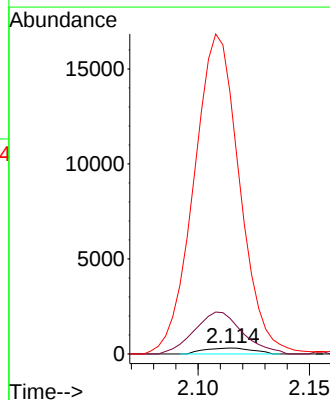
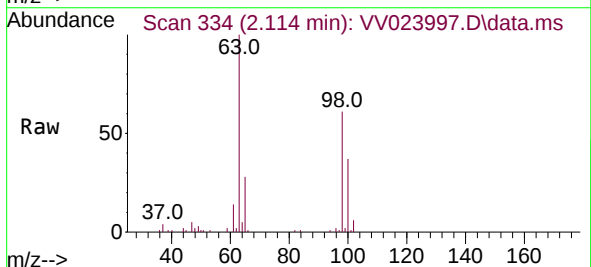
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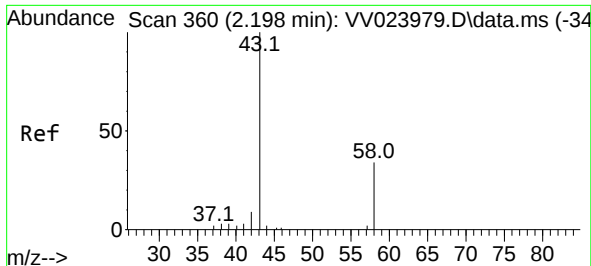
Tgt Ion: 64 Resp: 156980
Ion Ratio Lower Upper
64 100
66 0.3 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion: 96 Resp: 474
Ion Ratio Lower Upper
96 100
61 595.6 116.1 215.5#
63 4375.2 79.4 147.4#

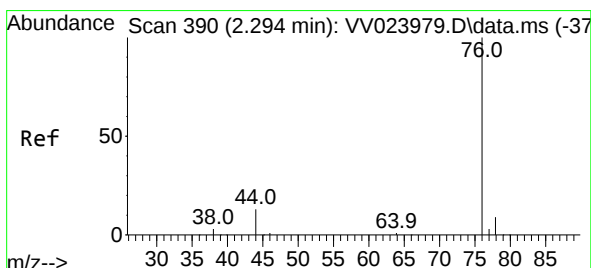
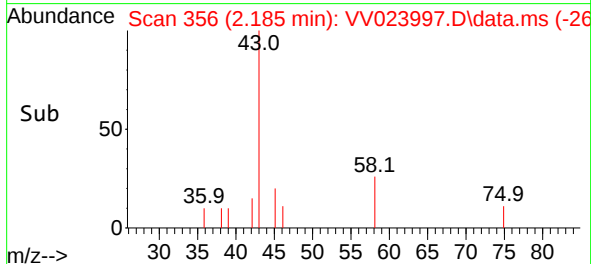
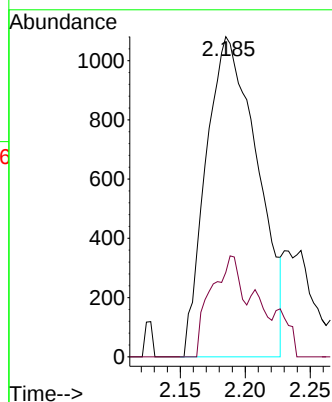
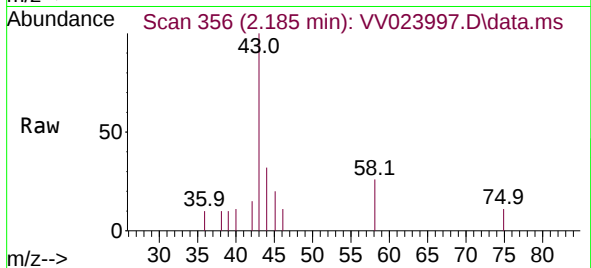




#13
Acetone
Concen: 3.687 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

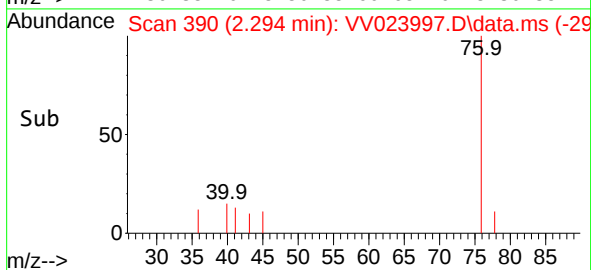
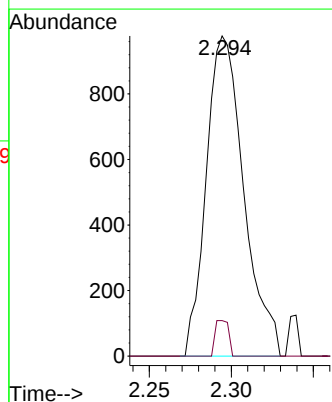
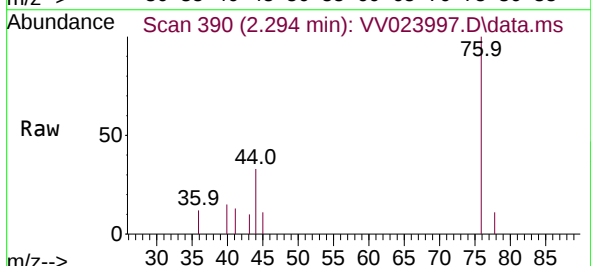
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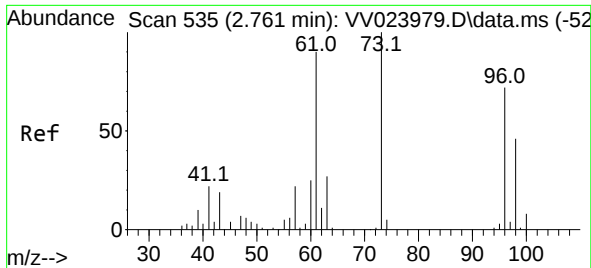
Tgt Ion: 43 Resp: 2978
Ion Ratio Lower Upper
43 100
58 18.9 0.0 41.4



#14
Carbon disulfide
Concen: 0.083 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion: 76 Resp: 1556
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3

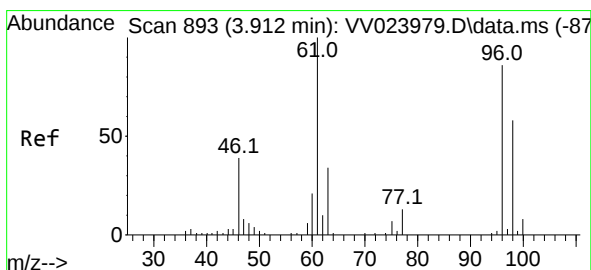
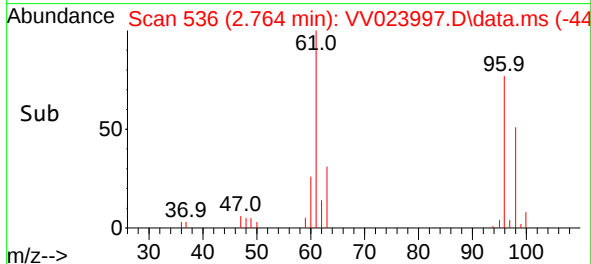
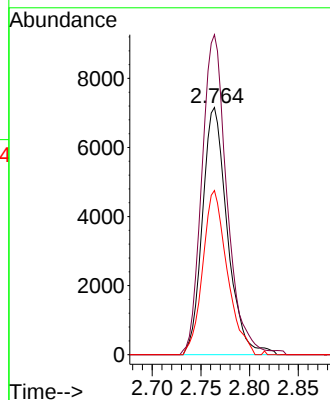
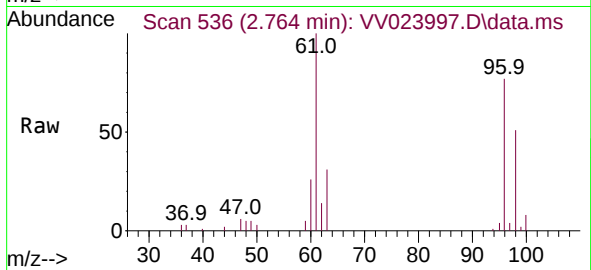




#18
trans-1,2-Dichloroethene
Concen: 1.784 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

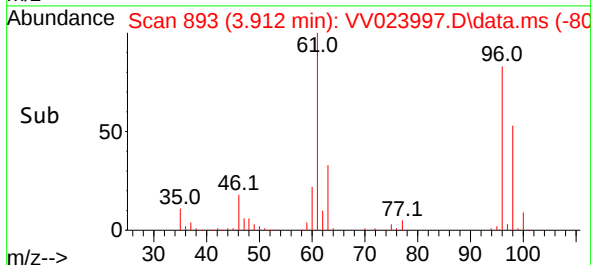
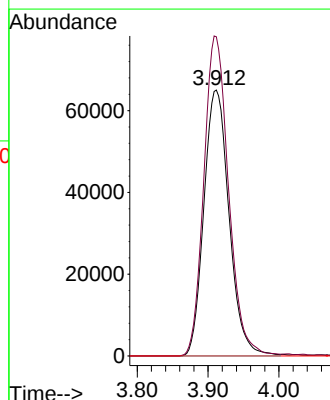
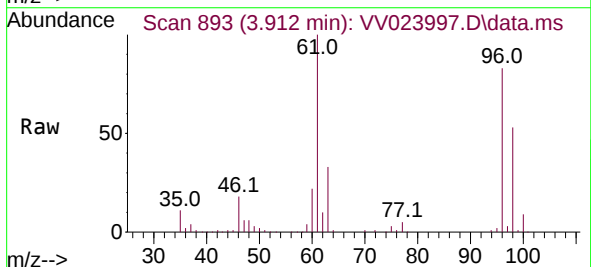
Instrument :
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ClientSampleId :
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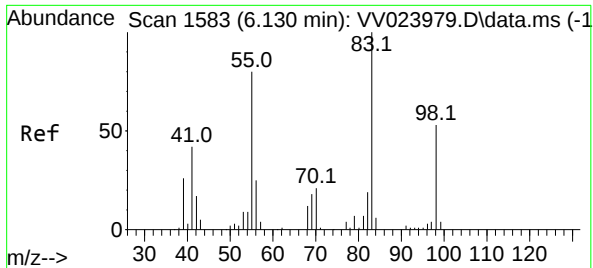
Tgt Ion: 96 Resp: 12739
Ion Ratio Lower Upper
96 100
61 129.5 88.2 163.8
98 66.4 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 21.267 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion: 96 Resp: 160722
Ion Ratio Lower Upper
96 100
61 120.1 83.4 154.8
68 0.0 0.0 0.0

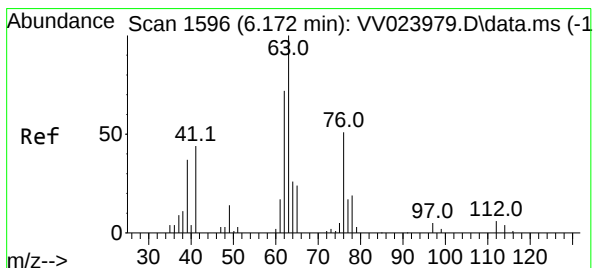
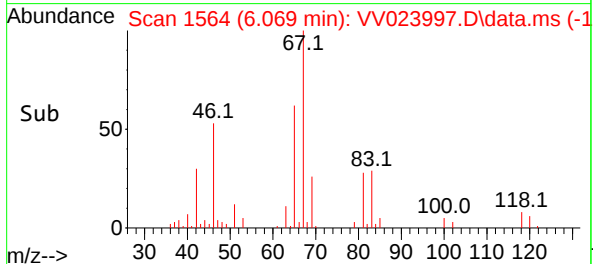
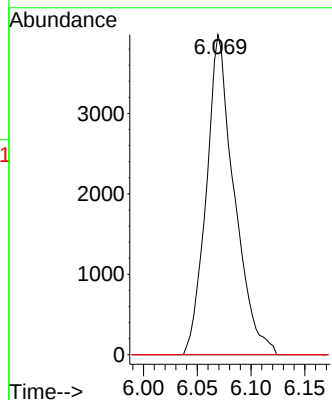
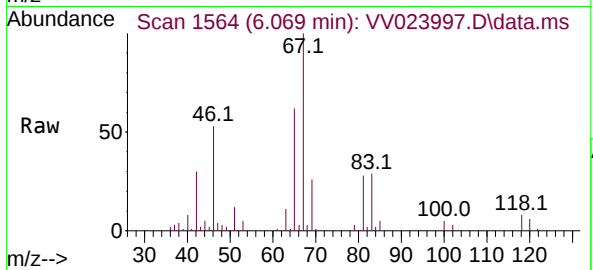




#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

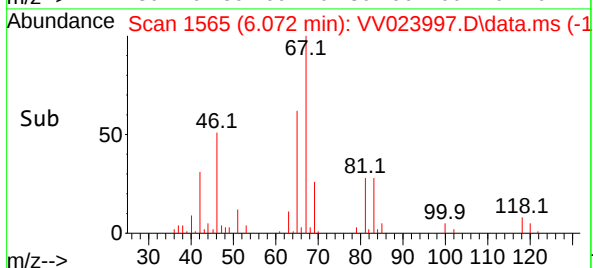
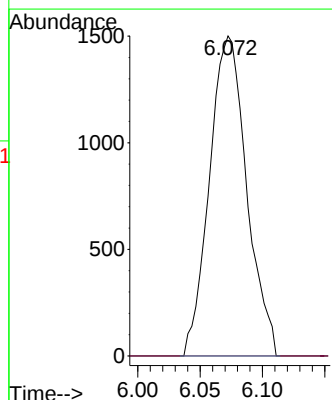
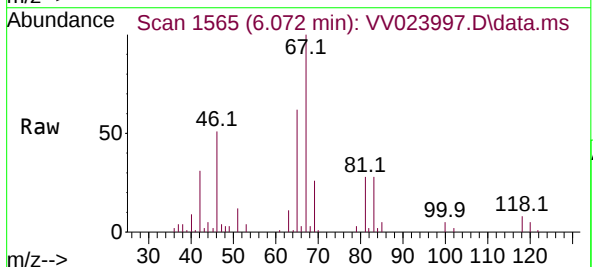
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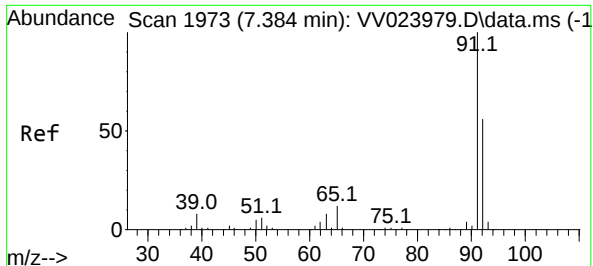
Tgt Ion: 83 Resp: 7185
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.9 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion: 63 Resp: 3122
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.102 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023997.D

Acq: 15 Dec 2021 21:37

Instrument :

MSVOA_V

ClientSampleId :

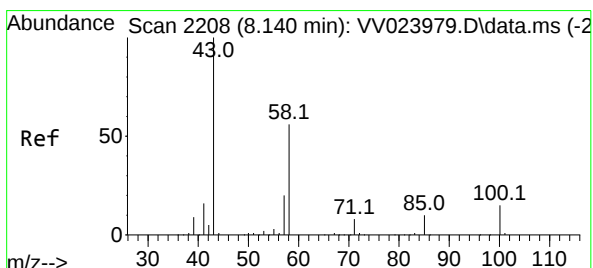
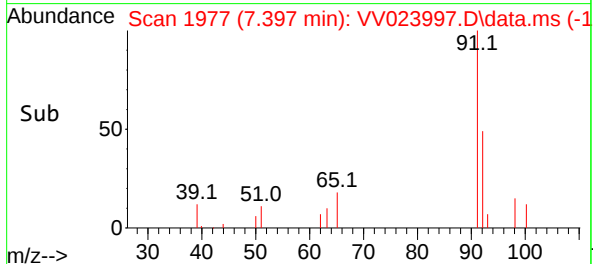
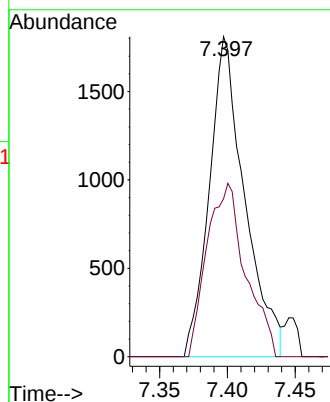
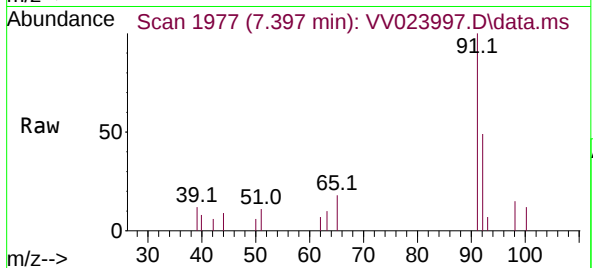
BG3D0

Tgt Ion: 91 Resp: 3281

Ion Ratio Lower Upper

91 100

92 49.3 41.5 77.1



#48

2-Hexanone

Concen: 2.817 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.051 min

Lab File: VV023997.D

Acq: 15 Dec 2021 21:37

Tgt Ion: 43 Resp: 6648

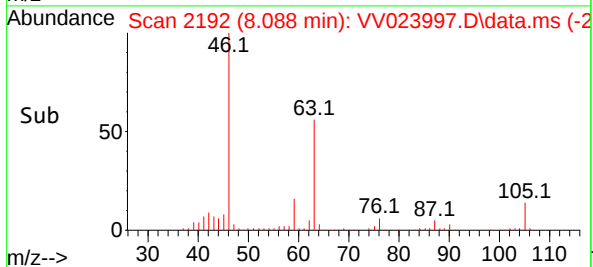
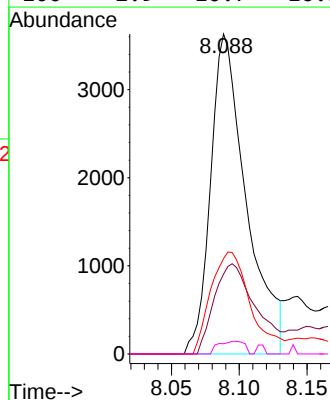
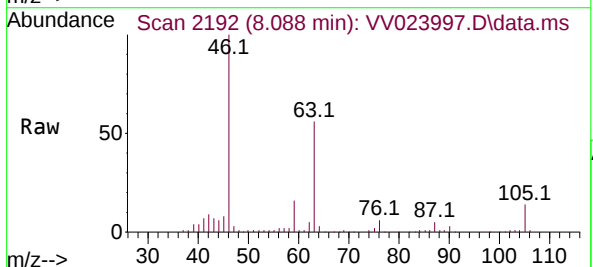
Ion Ratio Lower Upper

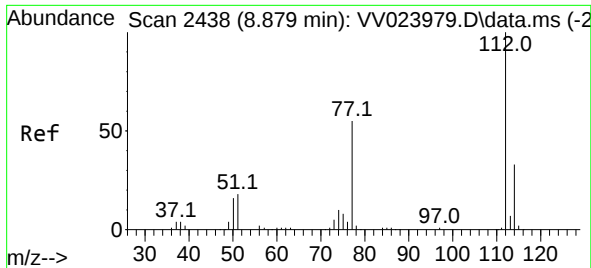
43 100

58 33.4 44.5 66.7#

57 35.6 15.1 22.7#

100 2.9 10.7 16.1#

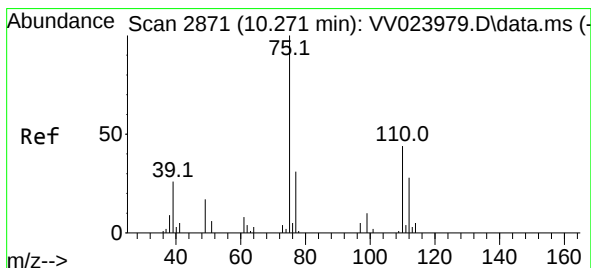
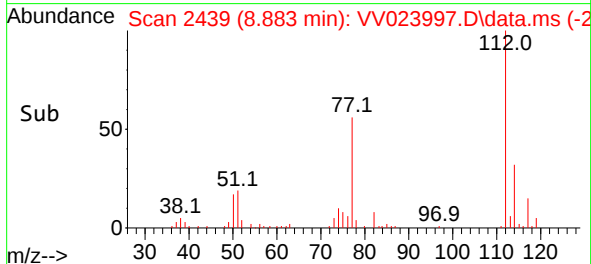
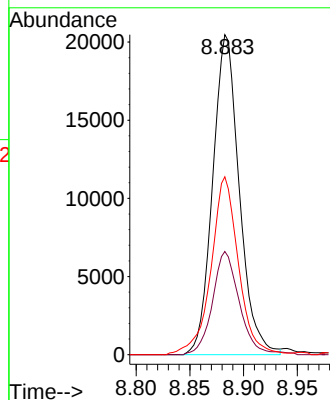
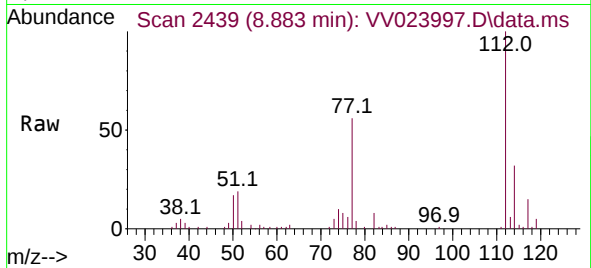




#51
Chlorobenzene
Concen: 1.645 ug/L
RT: 8.883 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

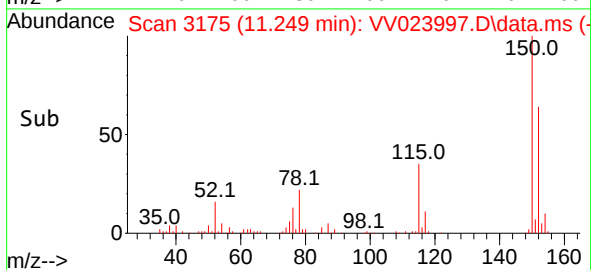
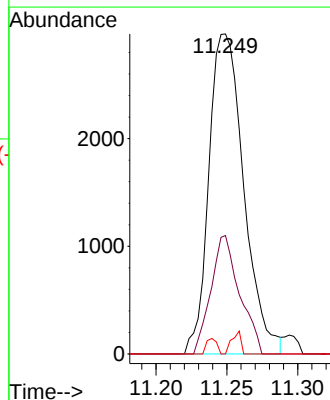
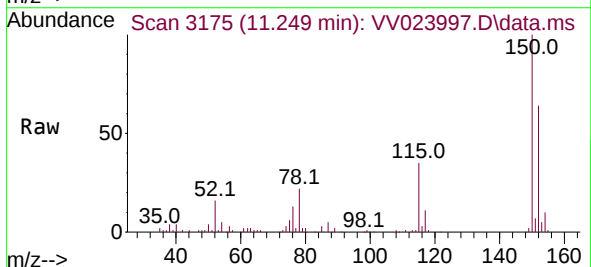
Instrument :
MSVOA_V
ClientSampleId :
BG3D0

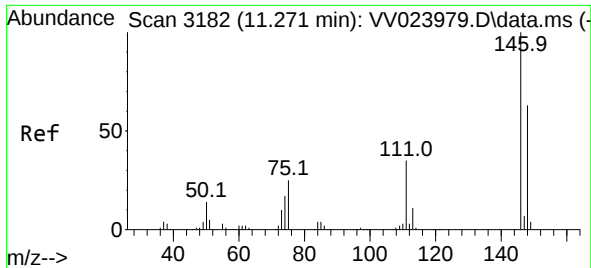
Tgt Ion:	112	Resp:	35281
Ion Ratio	Lower	Upper	
112	100		
114	32.2	23.3	43.3
77	55.6	43.3	64.9



#61
1,2,3-Trichloropropane
Concen: 1.504 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion:	75	Resp:	5092
Ion Ratio	Lower	Upper	
75	100		
77	30.4	26.4	39.6
110	1.8	34.2	51.2

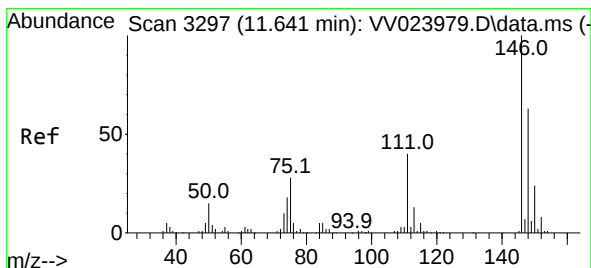
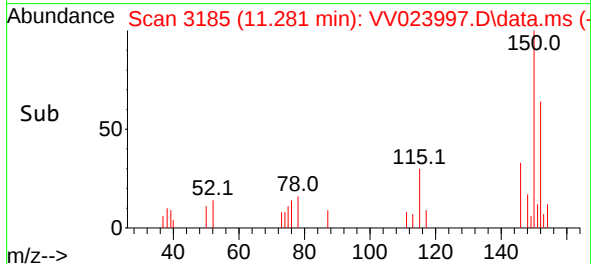
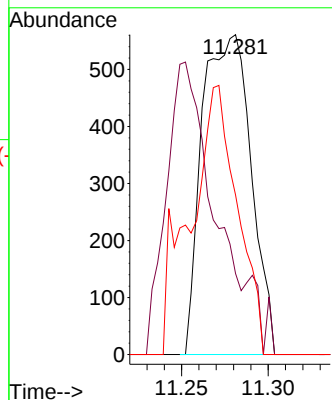
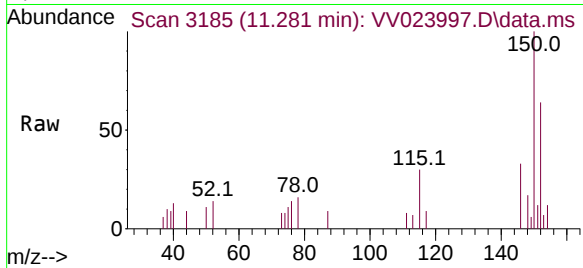




#65
1,4-Dichlorobenzene
Concen: 0.073 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.010 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Instrument :
MSVOA_V
ClientSampleId :
BG3D0

Tgt Ion:146 Resp: 1100
Ion Ratio Lower Upper
146 100
111 25.3 25.6 47.6#
148 49.9 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 5.746 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023997.D
Acq: 15 Dec 2021 21:37

Tgt Ion:146 Resp: 78544
Ion Ratio Lower Upper
146 100
111 39.5 31.9 47.9
148 65.8 50.5 75.7

