

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029816.D
 Acq On : 13 Jan 2023 18:17
 Operator : SY/MD
 Sample : 01138-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X3

Quant Time: Jan 13 22:52:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	199549	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	196585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72271	4.775	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.565	69	63953	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.105	63	99131	3.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.886	46	106944	39.865	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.720%
24) Chloroform-d	4.339	84	143061	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.024	65	62619	5.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.043	84	300000	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.063	67	92396	5.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.310	98	263120	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.616	79	25617	4.110	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.085	63	100656	39.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.340%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63465	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	102633	5.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2090	0.107	ug/L	97
5) Vinyl chloride	1.307	62	31798	1.659	ug/L	92
8) Chloroethane	1.581	64	48980	4.212	ug/L #	70
12) 1,1-Dichloroethene	2.114	96	8588	0.504	ug/L #	1
14) Carbon disulfide	2.294	76	6334	0.129	ug/L	99
15) Methyl Acetate	2.172	43	2705	0.542	ug/L #	45
17) Methyl tert-butyl Ether	2.764	73	1807	0.061	ug/L #	86
18) trans-1,2-Dichloroethene	2.757	96	26814	1.693	ug/L	97
19) 1,1-Dichloroethane	3.185	63	44138	1.666	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	9743	0.577	ug/L	95
27) 1,2-Dichloroethane	5.130	62	3091	0.221	ug/L	97
34) Trichloroethene	5.908	95	15214	0.924	ug/L	95
35) Methylcyclohexane	6.063	83	22579	0.812	ug/L #	20
39) cis-1,3-Dichloropropene	6.979	75	1690	0.083	ug/L #	40
53) m,p-Xylene	9.133	106	2514	0.087	ug/L	92
61) 1,2,3-Trichloropropane	11.236	75	11797	1.560	ug/L #	66

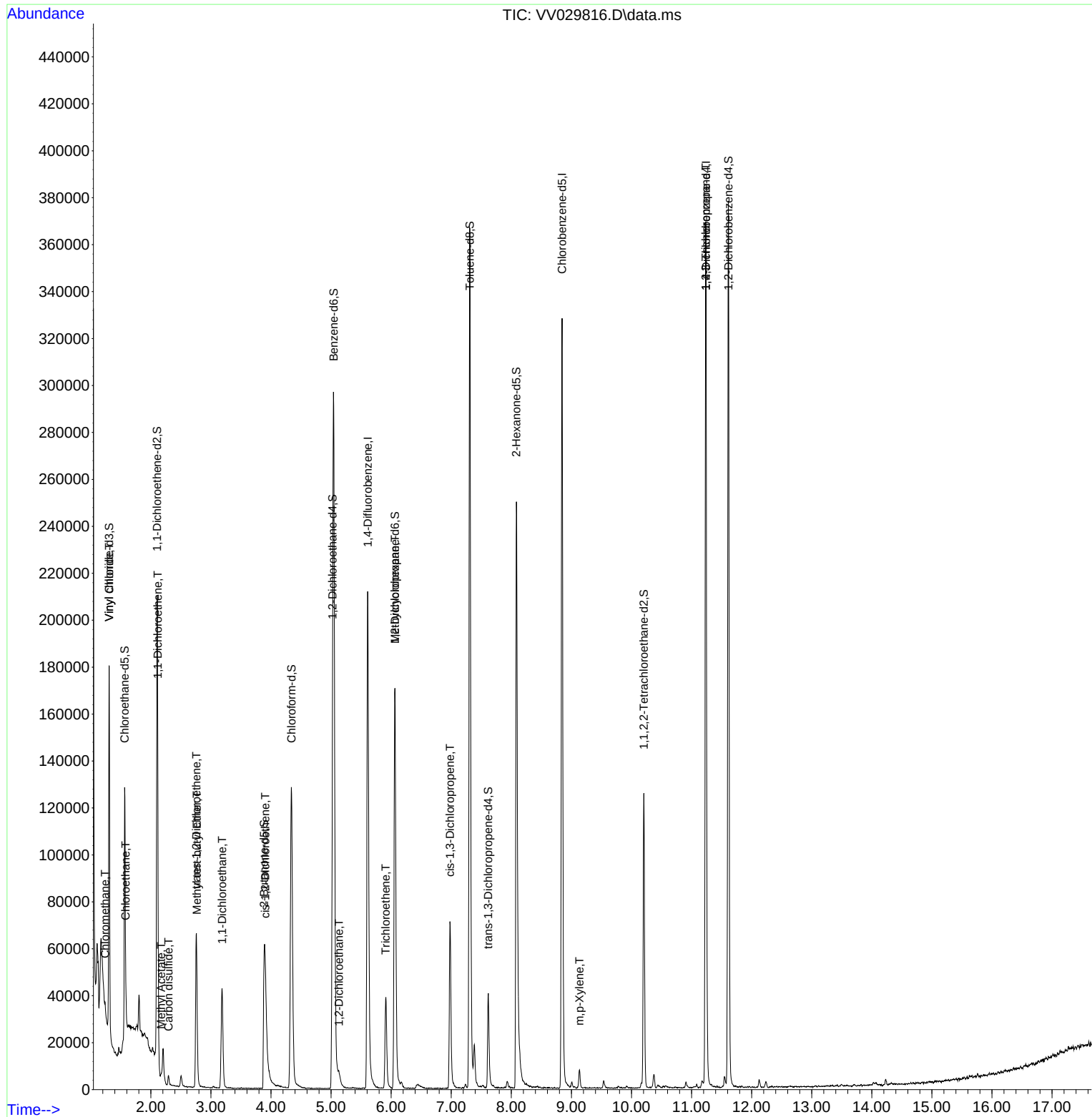
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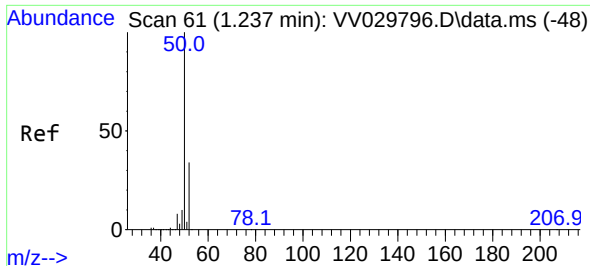
Instrument :
MSVOA_V
ClientSampleId :
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Response via : Initial Calibration

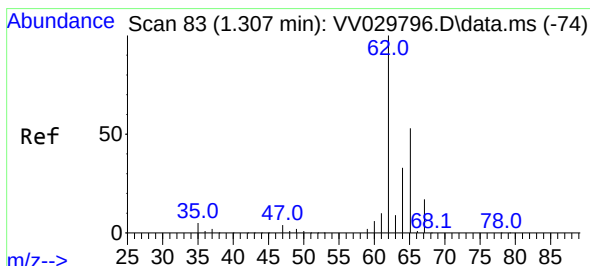
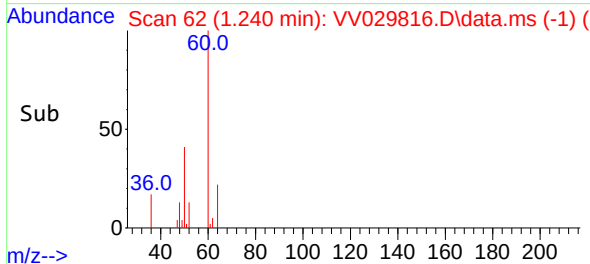
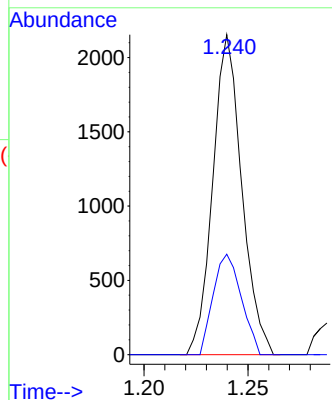
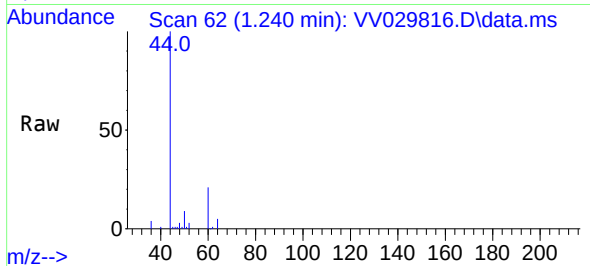




#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

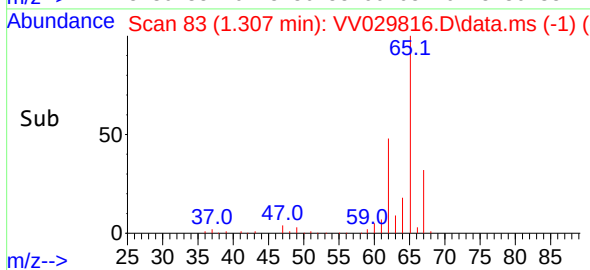
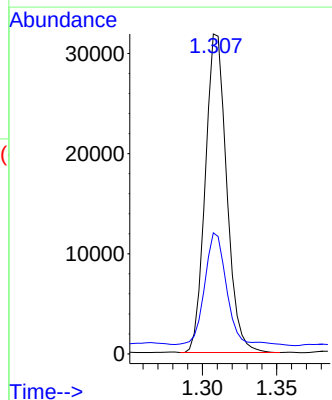
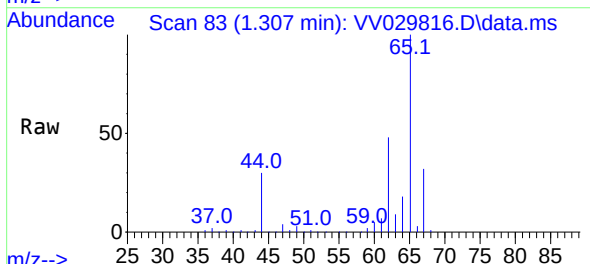
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MSVOA_V
ClientSampleId :
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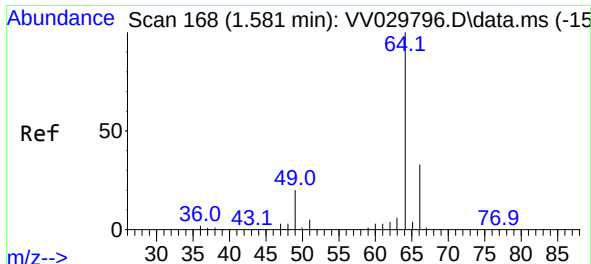
Tgt Ion: 50 Resp: 2090
Ion Ratio Lower Upper
50 100
52 31.4 23.1 42.9



#5
Vinyl chloride
Concen: 1.659 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 62 Resp: 31798
Ion Ratio Lower Upper
62 100
64 37.9 23.2 43.2

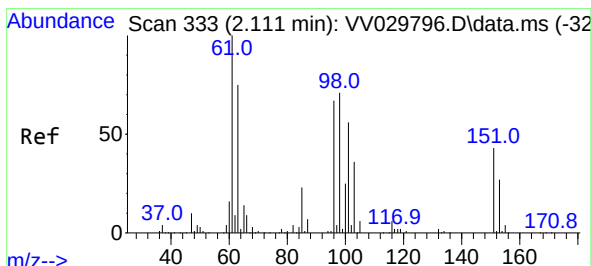
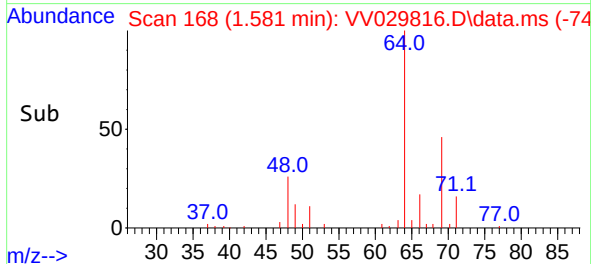
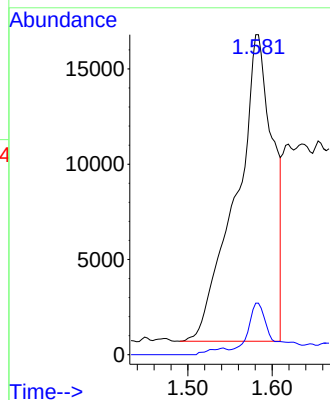
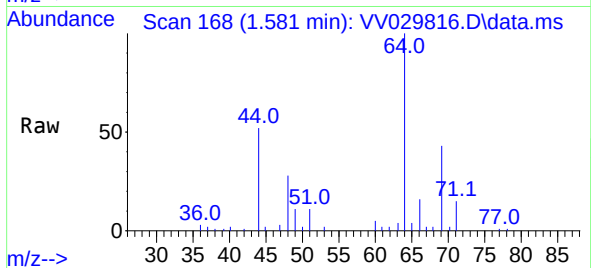




#8
Chloroethane
Concen: 4.212 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

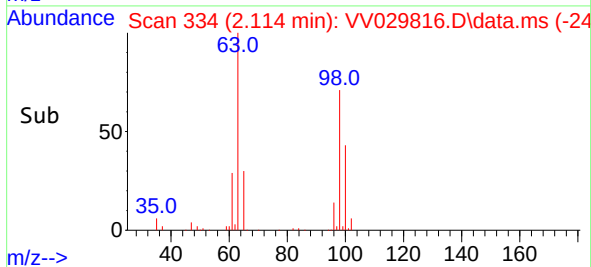
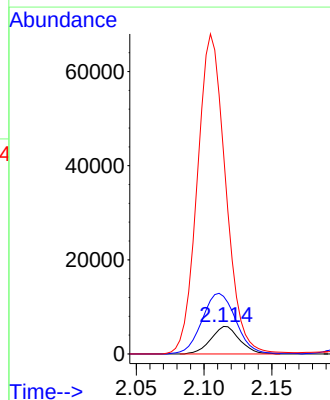
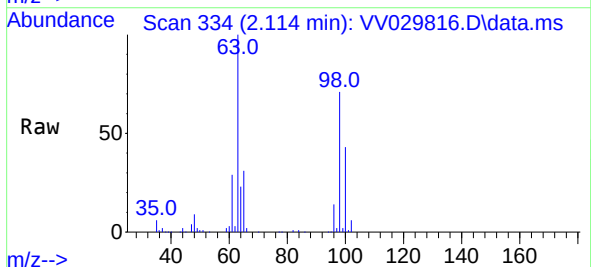
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ClientSampleId :
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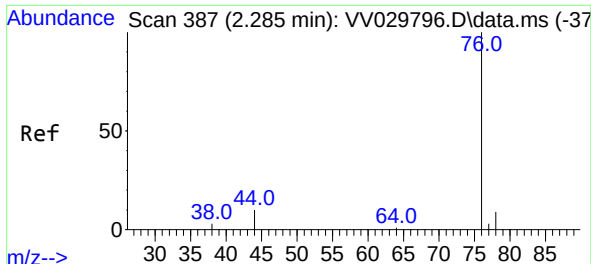
Tgt Ion: 64 Resp: 48980
Ion Ratio Lower Upper
64 100
66 16.1 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.504 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 96 Resp: 8588
Ion Ratio Lower Upper
96 100
61 209.8 106.1 197.1#
63 730.4 76.4 141.8#

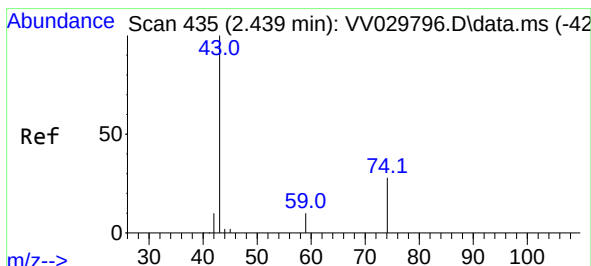
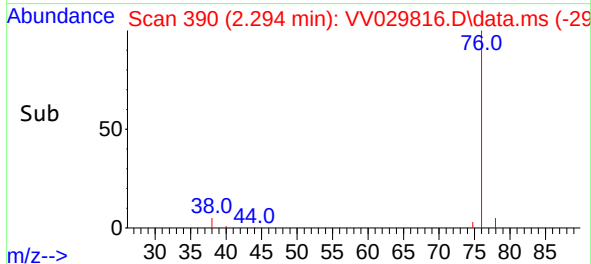
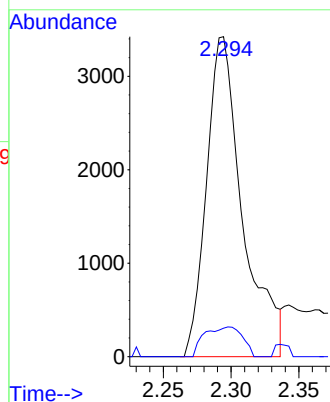
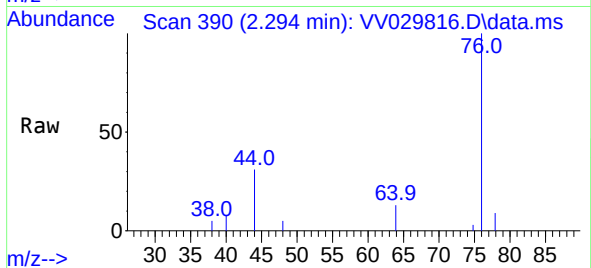




#14
Carbon disulfide
Concen: 0.129 ug/L
RT: 2.294 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

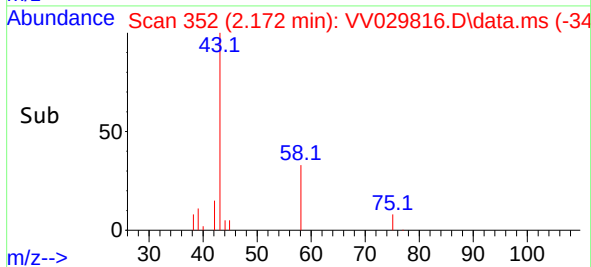
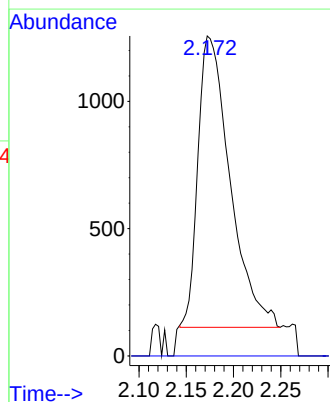
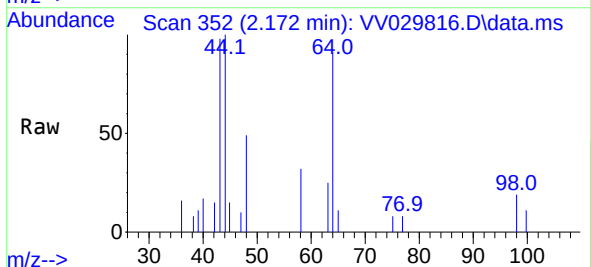
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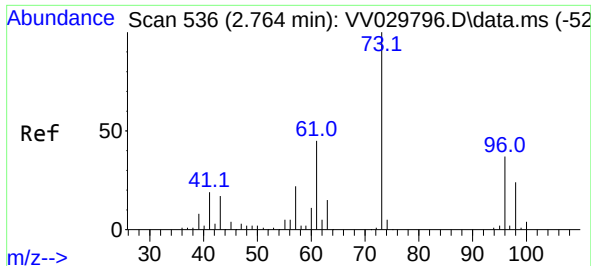
Tgt Ion: 76 Resp: 6334
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#15
Methyl Acetate
Concen: 0.542 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.264 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#

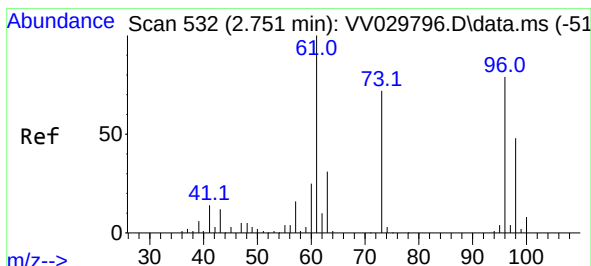
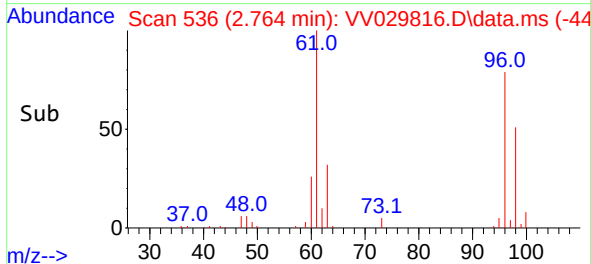
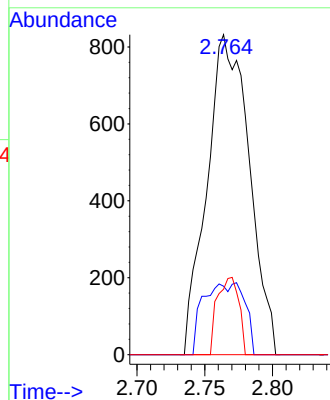
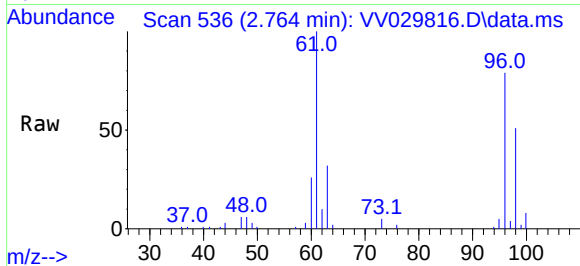




#17
Methyl tert-butyl Ether
Concen: 0.061 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

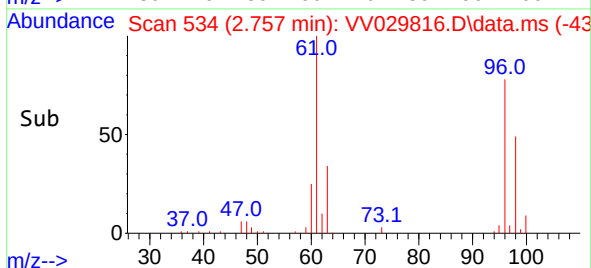
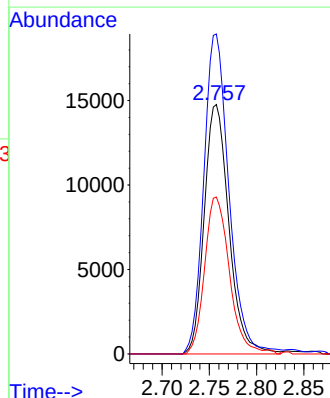
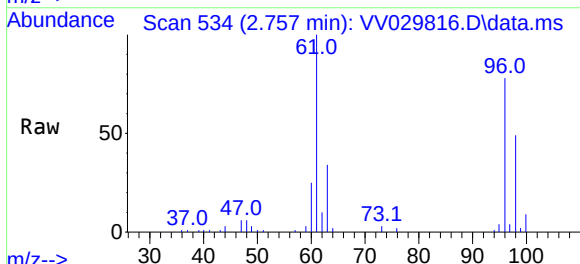
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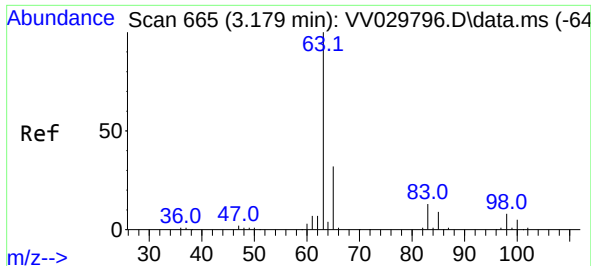
Tgt Ion: 73 Resp: 1807
Ion Ratio Lower Upper
73 100
43 13.6 13.0 19.4
57 12.2 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 1.693 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 96 Resp: 26814
Ion Ratio Lower Upper
96 100
61 128.3 86.1 159.9
98 63.0 43.9 81.5

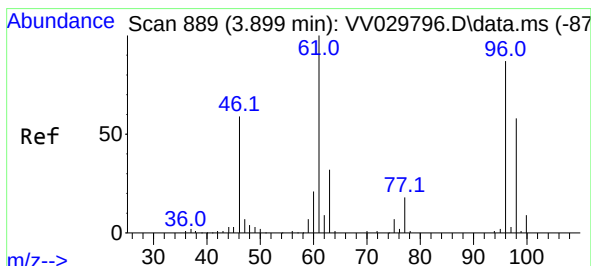
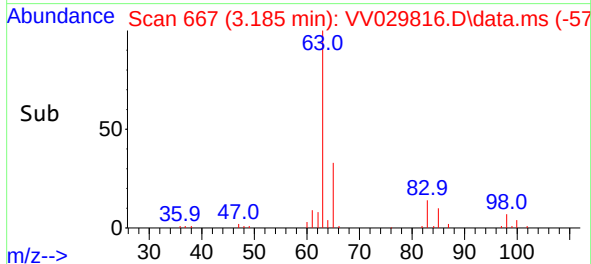
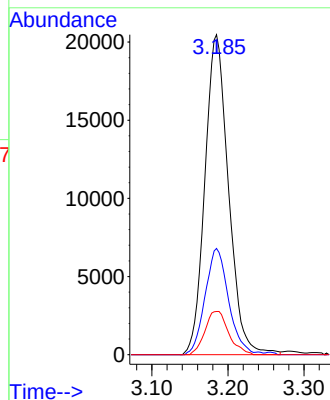
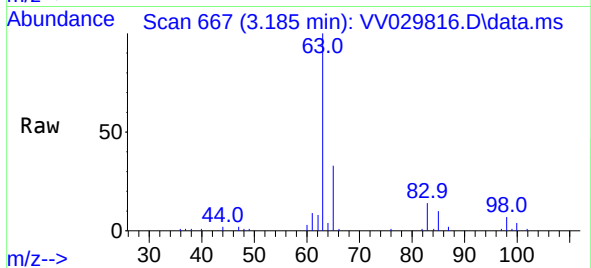




#19
1,1-Dichloroethane
Concen: 1.666 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

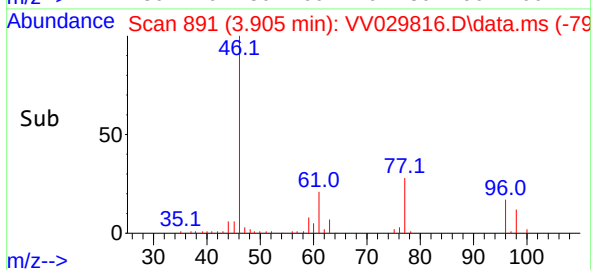
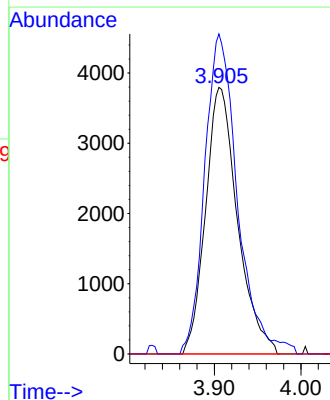
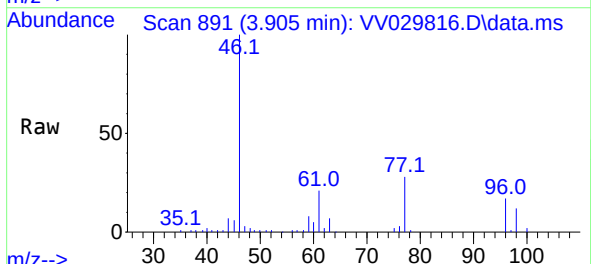
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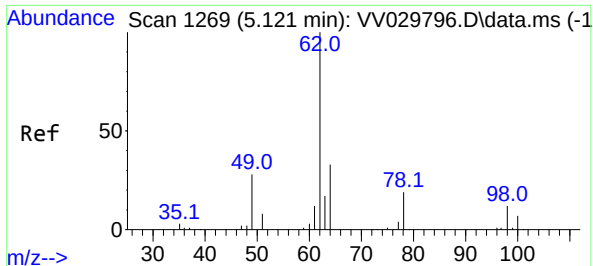
Tgt Ion: 63 Resp: 44138
Ion Ratio Lower Upper
63 100
65 33.2 22.4 41.6
83 13.5 10.2 19.0



#22
cis-1,2-Dichloroethene
Concen: 0.577 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 96 Resp: 9743
Ion Ratio Lower Upper
96 100
61 120.1 80.0 148.6
68 0.0 0.0 0.0

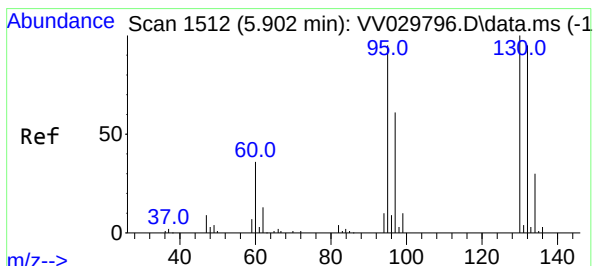
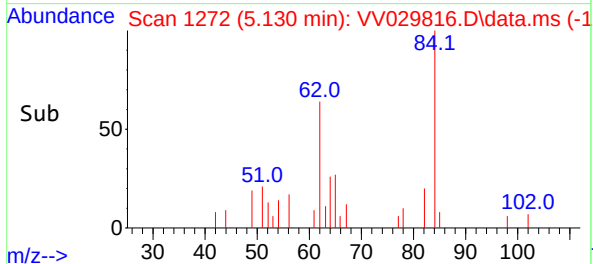
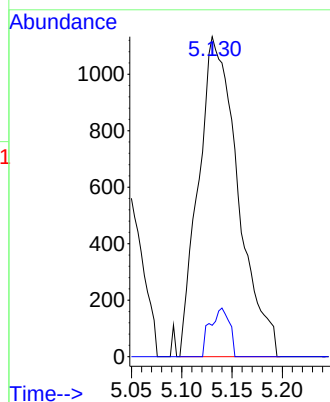
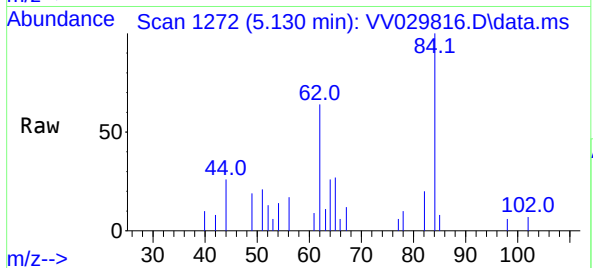




#27
1,2-Dichloroethane
Concen: 0.221 ug/L
RT: 5.130 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

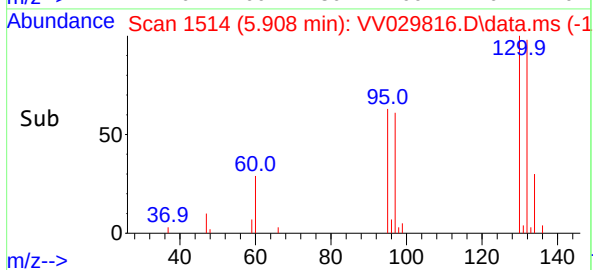
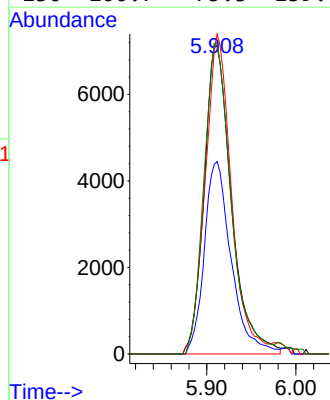
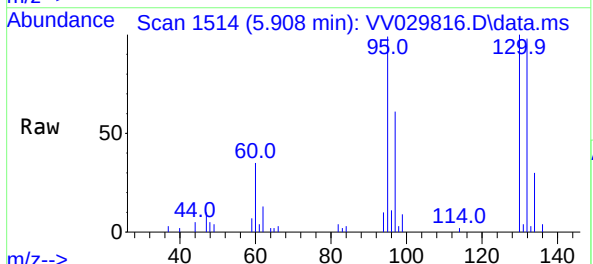
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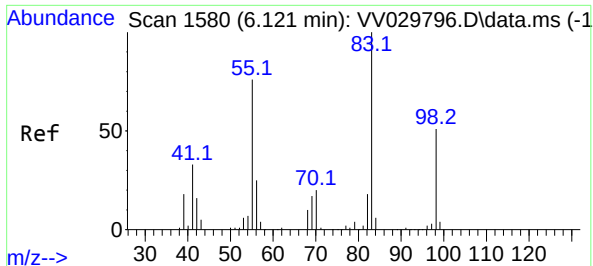
Tgt Ion: 62 Resp: 3091
Ion Ratio Lower Upper
62 100
98 9.8 8.9 13.3



#34
Trichloroethene
Concen: 0.924 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 95 Resp: 15214
Ion Ratio Lower Upper
95 100
97 61.5 44.9 83.3
132 98.5 71.8 133.4
130 100.7 75.3 139.8





#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029816.D

Acq: 13 Jan 2023 18:17

Instrument :

MSVOA_V

ClientSampleId :

BH1X3

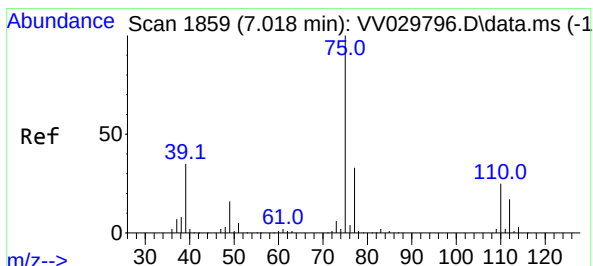
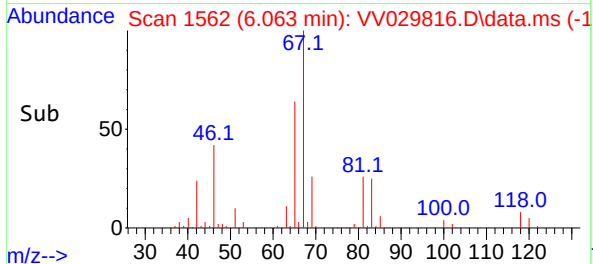
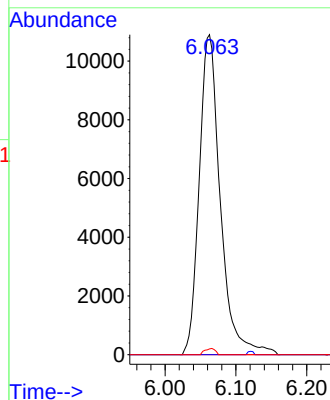
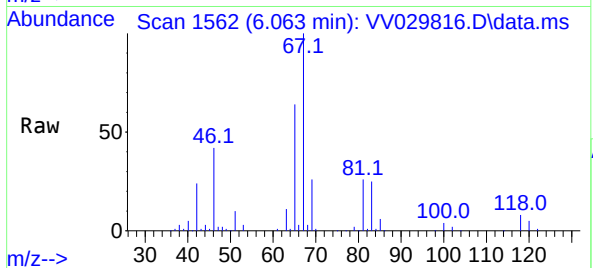
Tgt Ion: 83 Resp: 22579

Ion Ratio Lower Upper

83 100

55 0.3 57.3 85.9#

98 1.0 39.0 58.6#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV029816.D

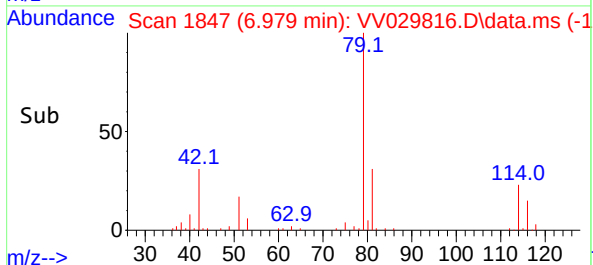
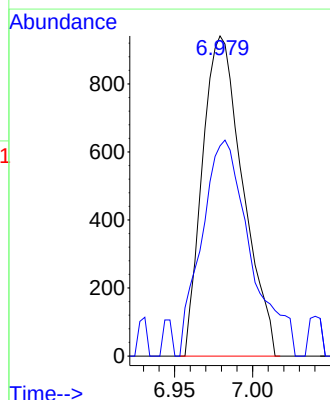
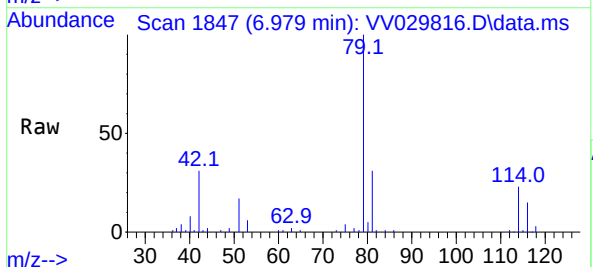
Acq: 13 Jan 2023 18:17

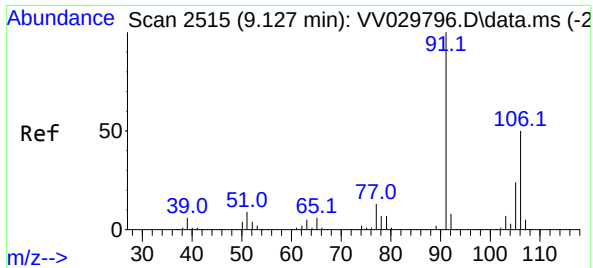
Tgt Ion: 75 Resp: 1690

Ion Ratio Lower Upper

75 100

77 65.7 22.4 41.6#

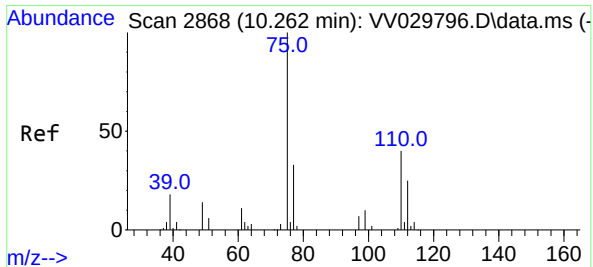
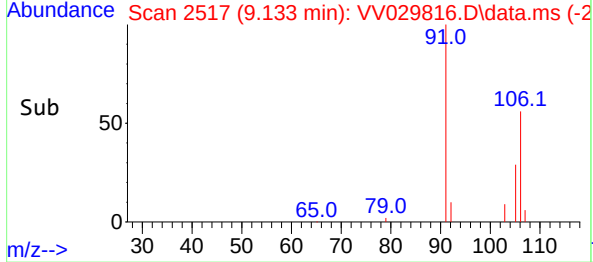
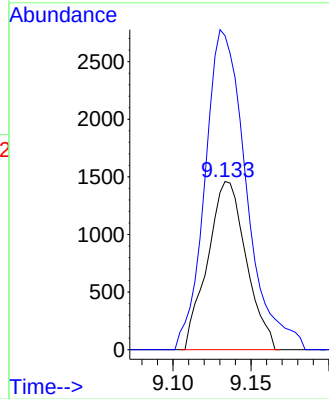
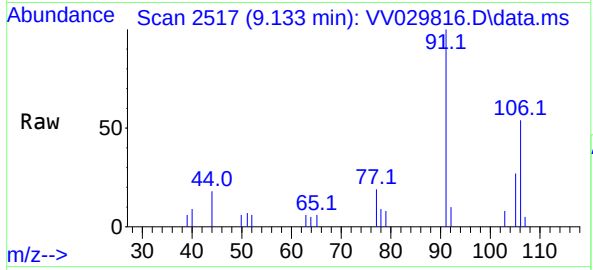




#53
m,p-Xylene
Concen: 0.087 ug/L
RT: 9.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Instrument :
MSVOA_V
ClientSampleId :
BH1X3

Tgt Ion:106 Resp: 2514
Ion Ratio Lower Upper
106 100
91 186.6 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.560 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029816.D
Acq: 13 Jan 2023 18:17

Tgt Ion: 75 Resp: 11797
Ion Ratio Lower Upper
75 100
77 33.5 26.5 39.7
110 2.0 31.8 47.8#

