

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076692.D
 Acq On : 03 Jul 2023 15:08
 Operator : KP/SY
 Sample : 03472-14RE
 Misc : 4.33G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S7RE

Quant Time: Jul 04 01:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	86463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	30407	6.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.520%#
7) Chloroethane-d5	2.793	69	35779	8.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	35.680%
11) 1,1-Dichloroethene-d2	3.916	65	11926	9.213	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.840%#
21) 2-Butanone-d5	6.987	46	41616	55.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
24) Chloroform-d	7.569	84	98468	18.355	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	8.228	65	56361	21.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	8.199	84	139854	12.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	48.520%
36) 1,2-Dichloropropane-d6	9.210	67	61193	16.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.520%#
41) Toluene-d8	10.269	98	124423	11.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	46.600%
43) trans-1,3-Dichloroprop...	10.528	79	23884	15.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.400%
47) 2-Hexanone-d5	10.881	63	30766	53.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71044	27.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	53065	16.744	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.960%#
Target Compounds						Qvalue
5) Vinyl chloride	2.275	62	15172	2.666	ug/L	98
8) Chloroethane	2.828	64	9086	2.607	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	1269	0.476	ug/L #	58
16) Methylene chloride	4.787	84	3522	0.995	ug/L	74
17) trans-1,2-Dichloroethene	5.305	96	994	0.337	ug/L #	47
19) 1,1-Dichloroethane	6.105	63	92104	17.099	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	1707	0.519	ug/L	93
25) Chloroform	7.593	83	2826	0.538	ug/L	84
27) 1,2-Dichloroethane	8.328	62	1602	0.496	ug/L #	78
30) 1,1,1-Trichloroethane	7.793	97	17691	4.040	ug/L	98
31) Carbon tetrachloride	7.793	117	1479	0.422	ug/L #	79
35) Methylcyclohexane	9.275	83	1535	0.297	ug/L	90
37) 1,2-Dichloropropane	9.210	63	7622	2.241	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	1743	0.336	ug/L	97
54) o-Xylene	12.122	106	2409	0.448	ug/L	76
67) 1,2-Dichlorobenzene	13.828	146	2738	0.522	ug/L #	82

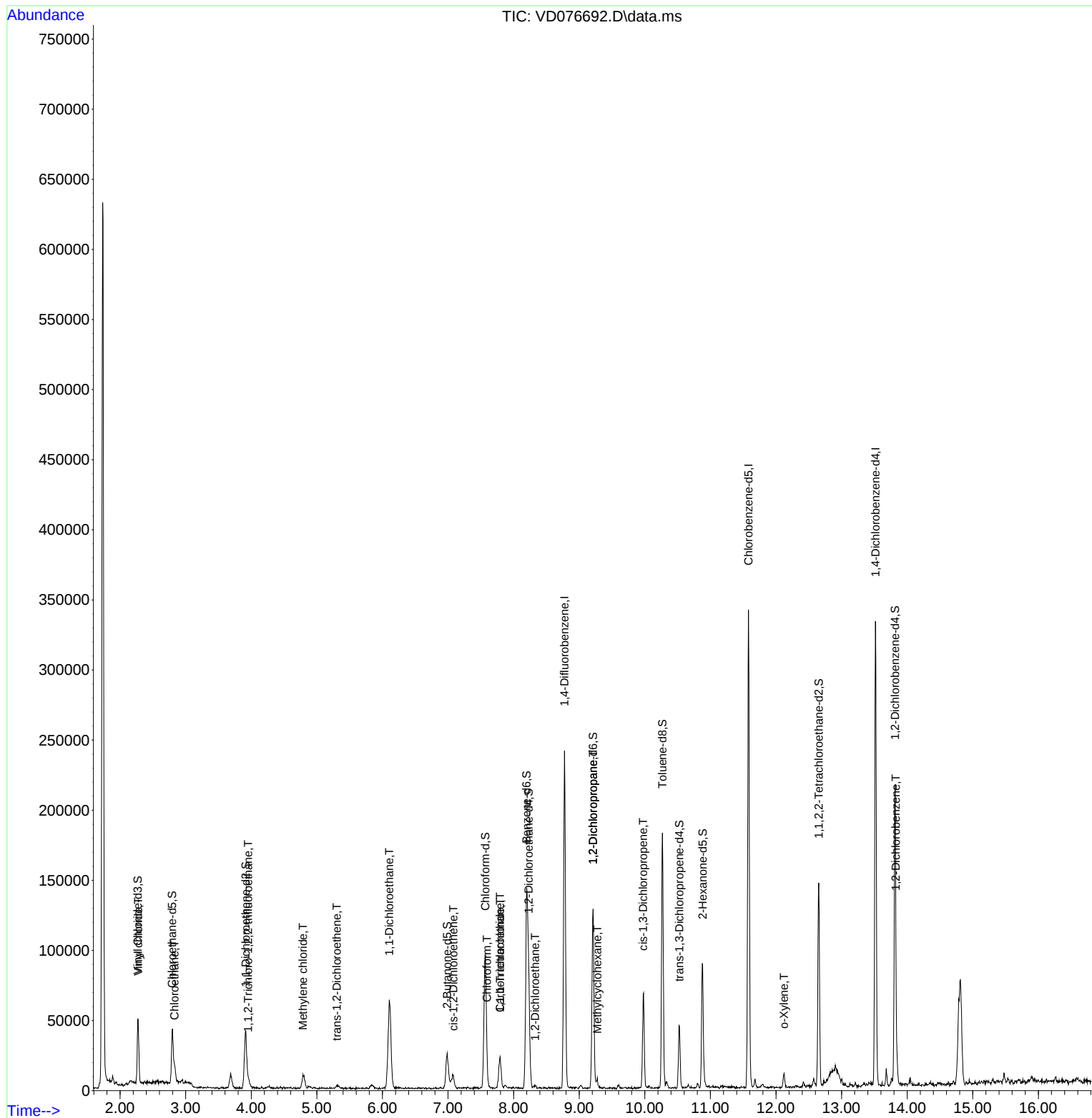
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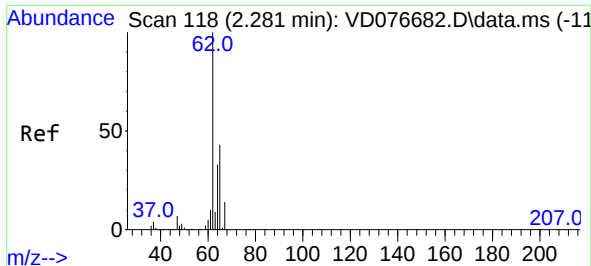
Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

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Quant Title : SFAM01.0
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Response via : Initial Calibration

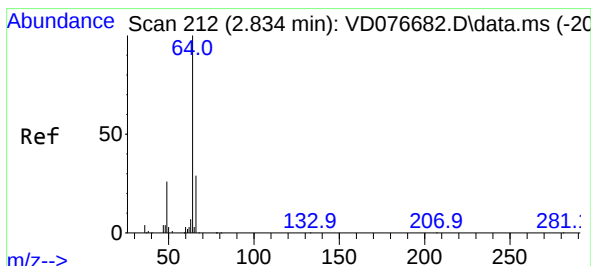
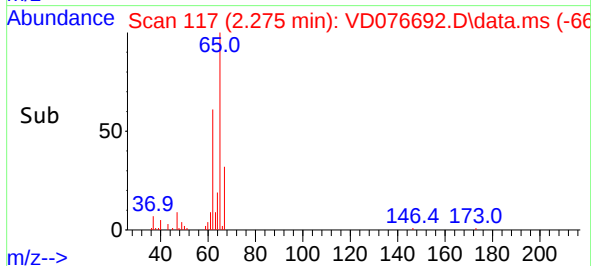
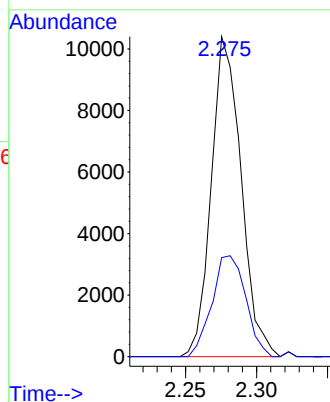
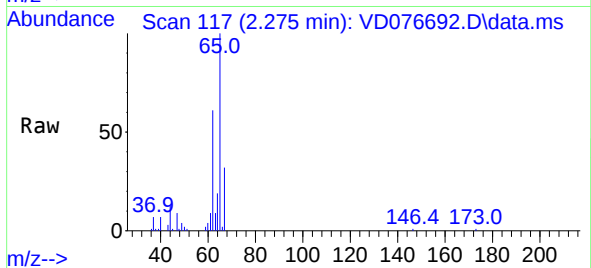




#5
 Vinyl chloride
 Concen: 2.666 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD076692.D
 Acq: 03 Jul 2023 15:08

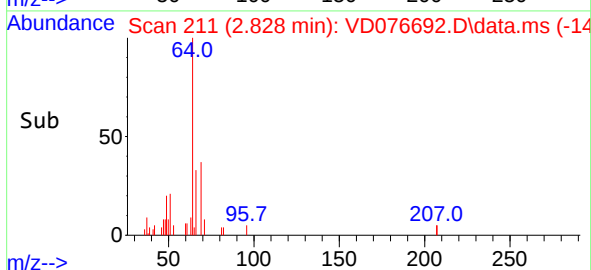
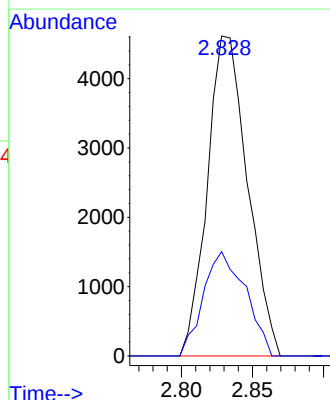
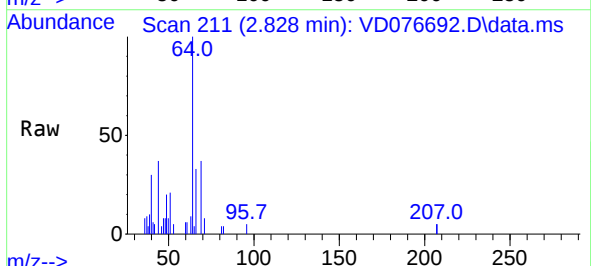
Instrument :
 MSVOA_D
 ClientSampleId :
 A46S7RE

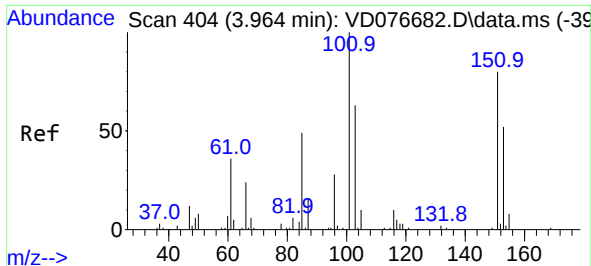
Tgt Ion: 62 Resp: 15172
 Ion Ratio Lower Upper
 62 100
 64 31.0 21.1 39.1



#8
 Chloroethane
 Concen: 2.607 ug/L
 RT: 2.828 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD076692.D
 Acq: 03 Jul 2023 15:08

Tgt Ion: 64 Resp: 9086
 Ion Ratio Lower Upper
 64 100
 66 32.6 22.1 41.1

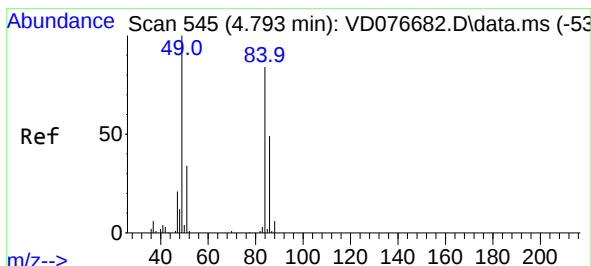
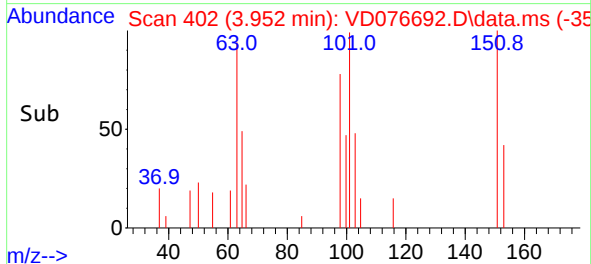
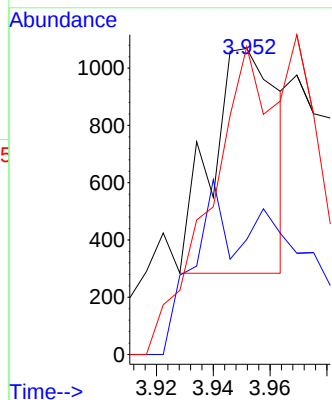
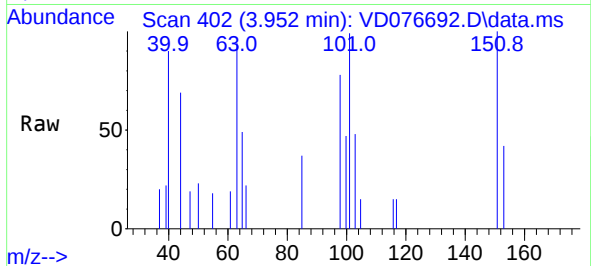




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.476 ug/L
RT: 3.952 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

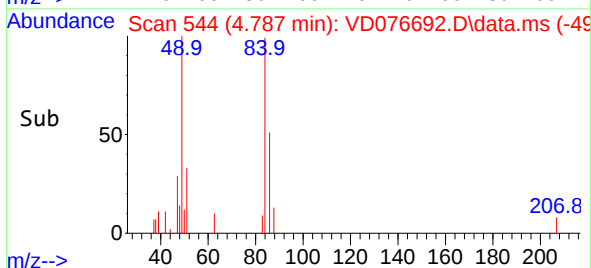
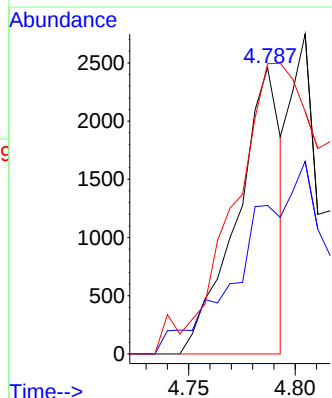
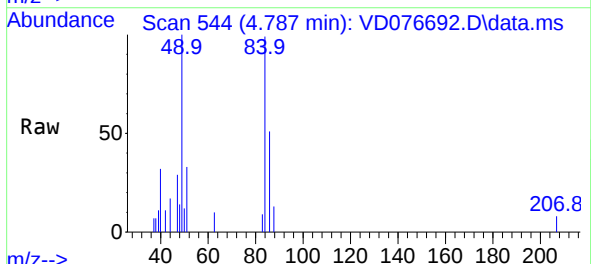
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MSVOA_D
ClientSampleId :
A46S7RE

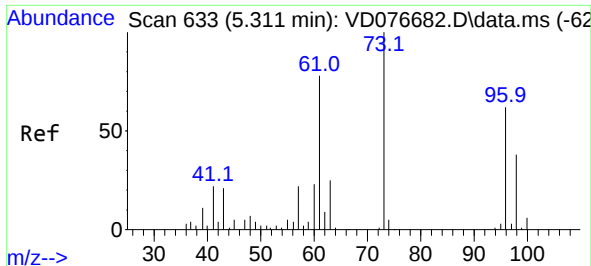
Tgt Ion:101 Resp: 1269
Ion Ratio Lower Upper
101 100
85 63.6 35.5 53.3#
151 115.0 58.6 87.8#



#16
Methylene chloride
Concen: 0.995 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

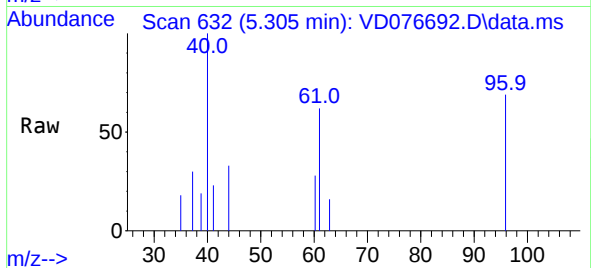
Tgt Ion: 84 Resp: 3522
Ion Ratio Lower Upper
84 100
86 51.9 45.1 83.9
49 101.5 97.2 180.6



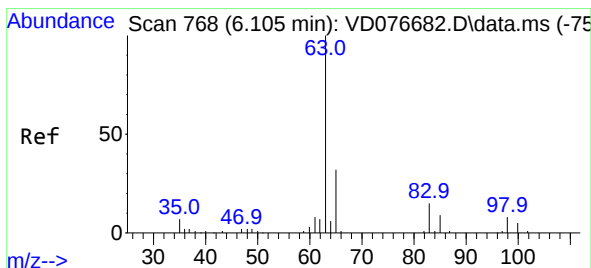
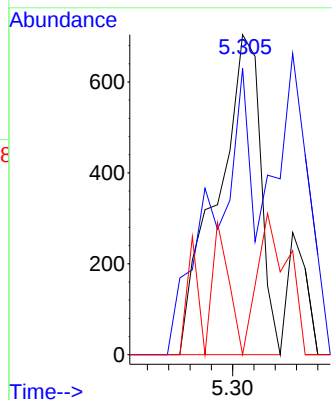
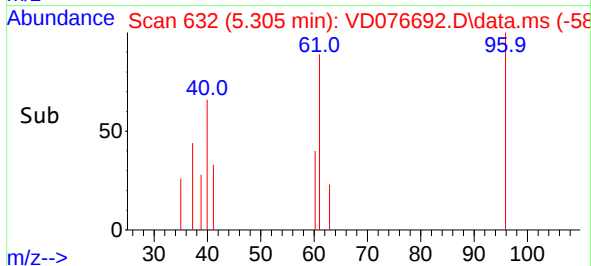


#17
trans-1,2-Dichloroethene
Concen: 0.337 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

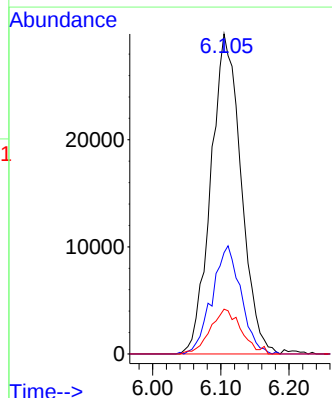
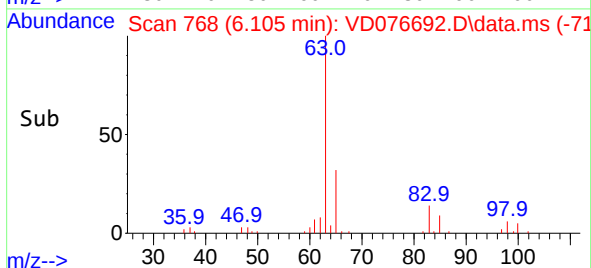
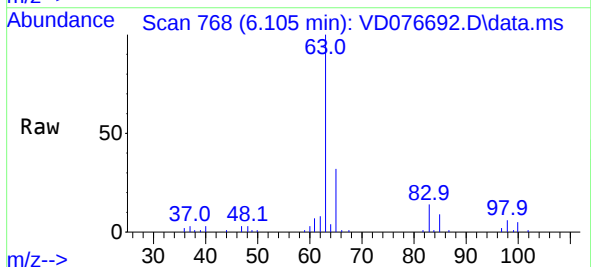


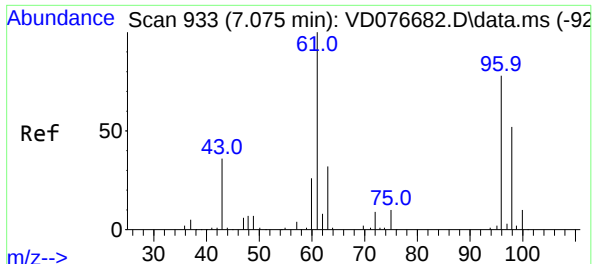
Tgt Ion: 96 Resp: 994
Ion Ratio Lower Upper
96 100
61 89.5 94.5 175.5#
98 0.0 46.0 85.4#



#19
1,1-Dichloroethane
Concen: 17.099 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Tgt Ion: 63 Resp: 92104
Ion Ratio Lower Upper
63 100
65 31.7 20.8 38.6
83 14.0 8.9 16.5



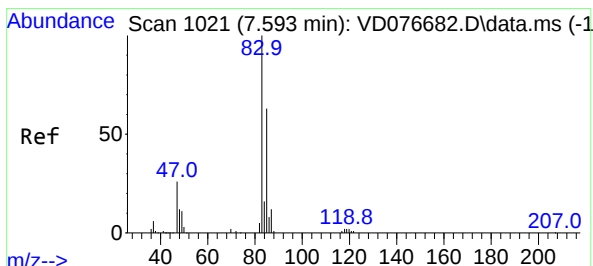
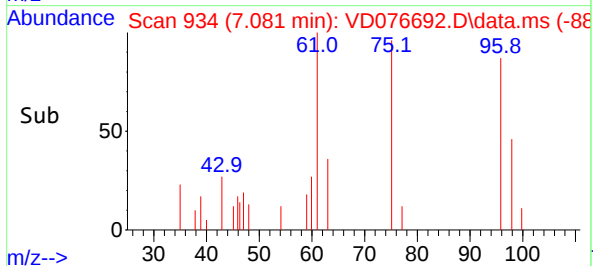
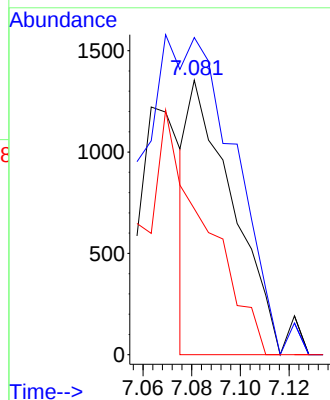
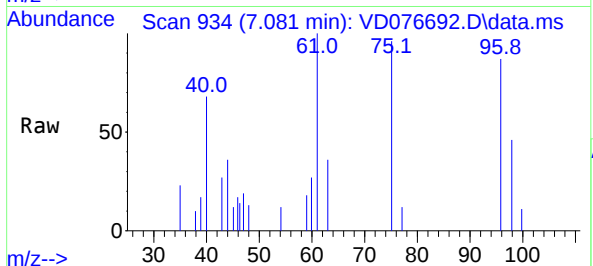


#20
cis-1,2-Dichloroethene
Concen: 0.519 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

Tgt Ion: 96 Resp: 1707

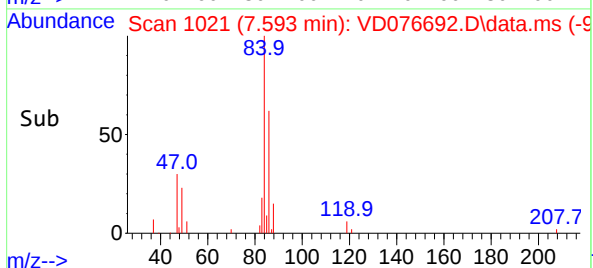
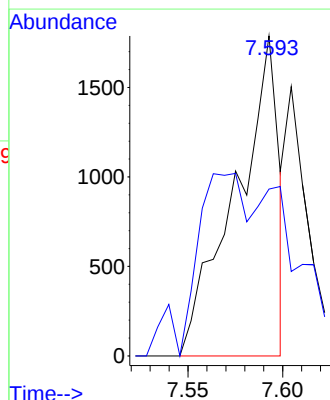
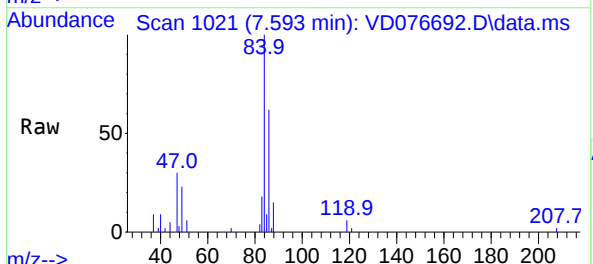
Ion	Ratio	Lower	Upper
96	100		
61	115.5	86.0	159.6
98	53.1	42.2	78.4

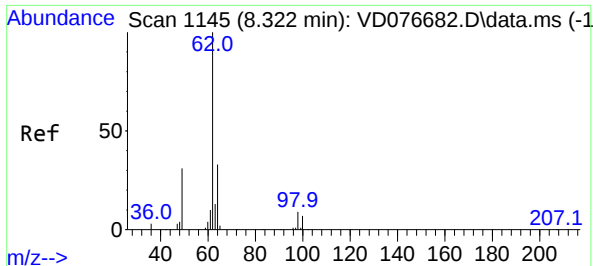


#25
Chloroform
Concen: 0.538 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Tgt Ion: 83 Resp: 2826

Ion	Ratio	Lower	Upper
83	100		
85	52.1	45.4	84.4

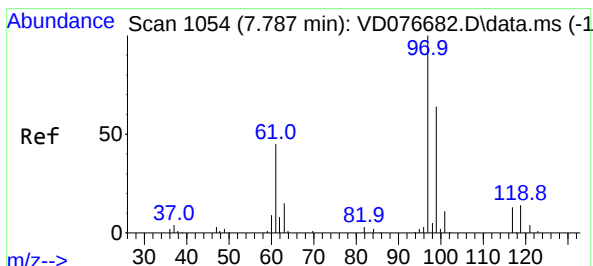
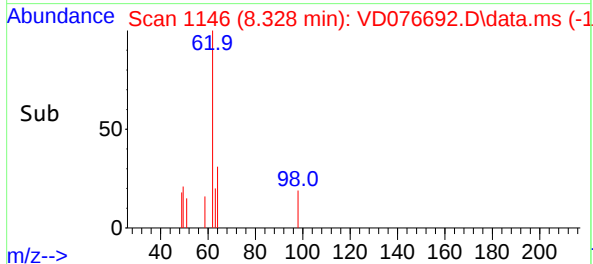
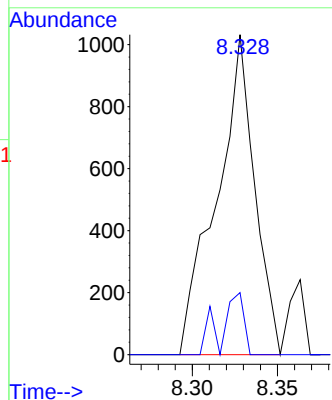
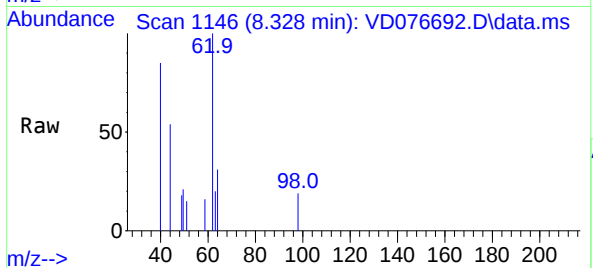




#27
1,2-Dichloroethane
Concen: 0.496 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

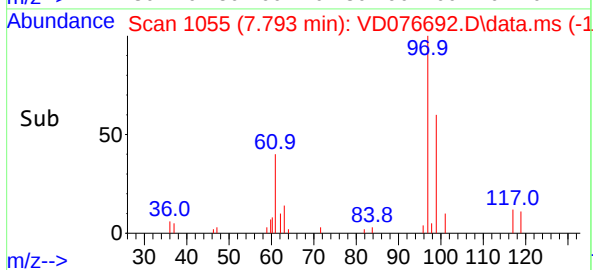
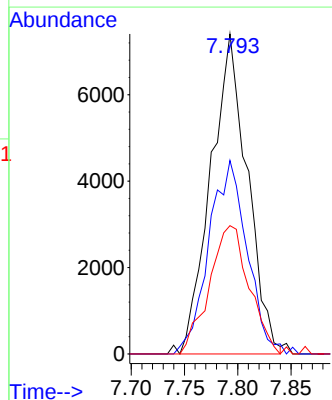
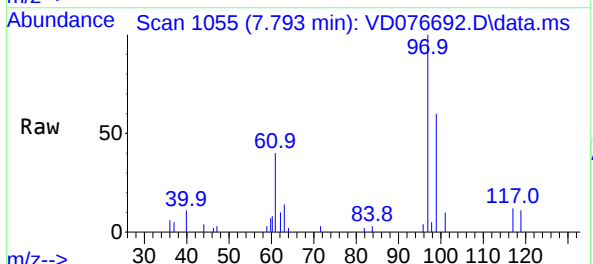
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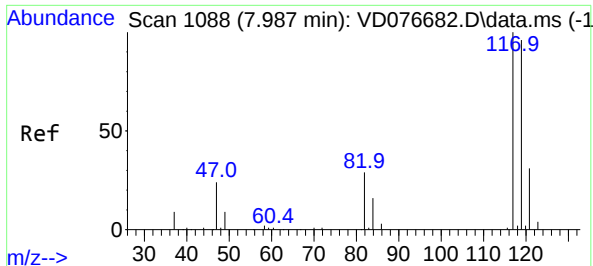
Tgt Ion: 62 Resp: 1602
Ion Ratio Lower Upper
62 100
98 19.4 8.7 13.1#



#30
1,1,1-Trichloroethane
Concen: 4.040 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Tgt Ion: 97 Resp: 17691
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 43.6 36.4 54.6

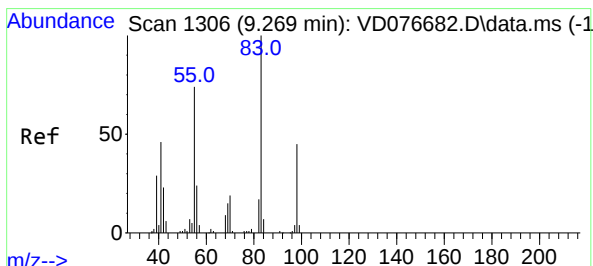
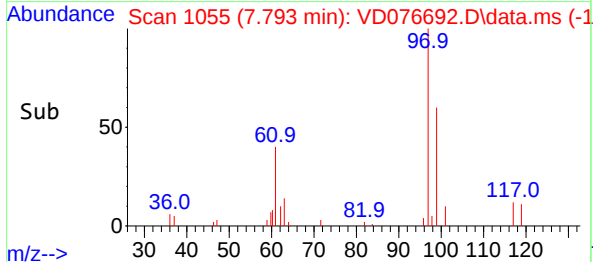
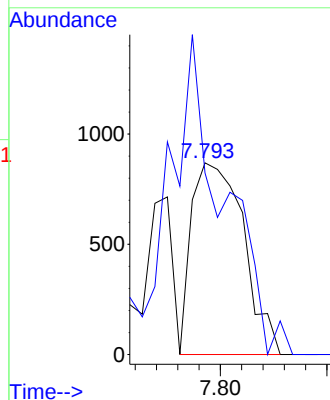
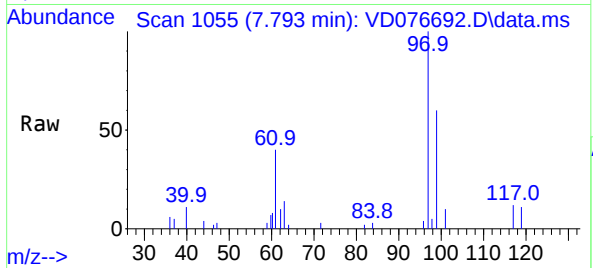




#31
Carbon tetrachloride
Concen: 0.422 ug/L
RT: 7.793 min Scan# 117
Delta R.T. -0.194 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

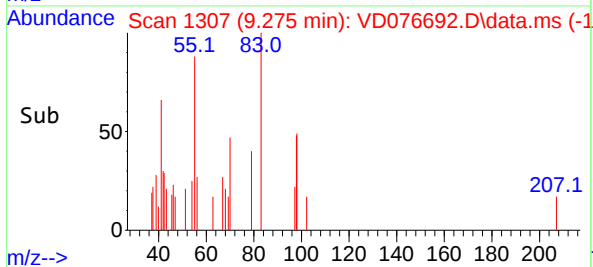
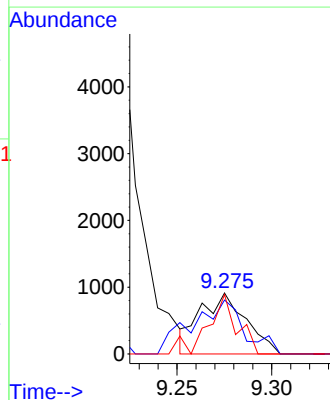
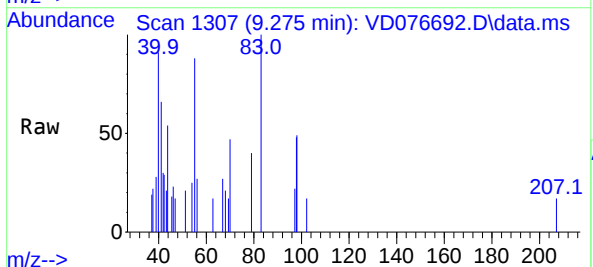
Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

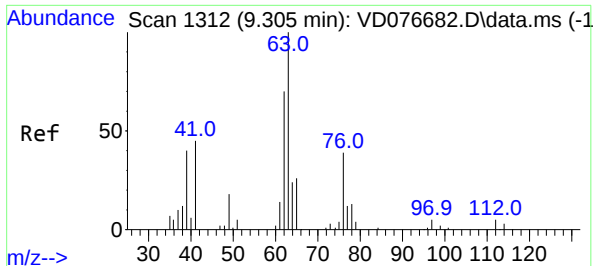
Tgt Ion:117 Resp: 1479
Ion Ratio Lower Upper
117 100
119 117.7 77.8 116.6#



#35
Methylcyclohexane
Concen: 0.297 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Tgt Ion: 83 Resp: 1535
Ion Ratio Lower Upper
83 100
55 68.7 59.8 89.6
98 56.5 37.8 56.6

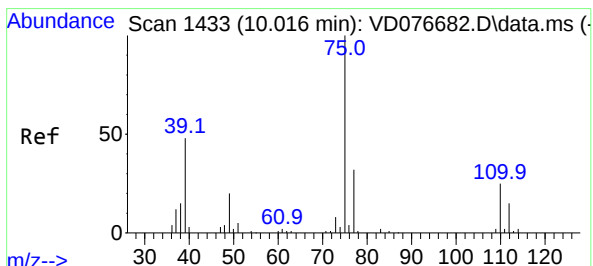
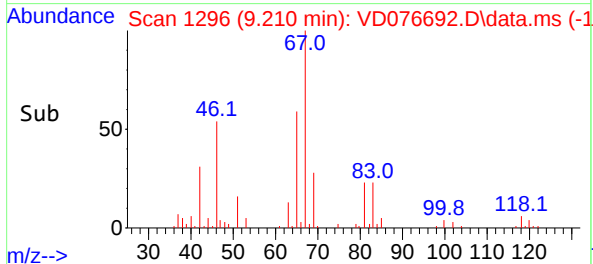
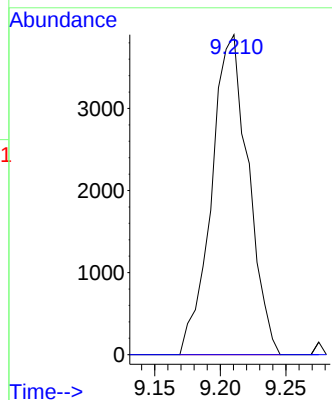
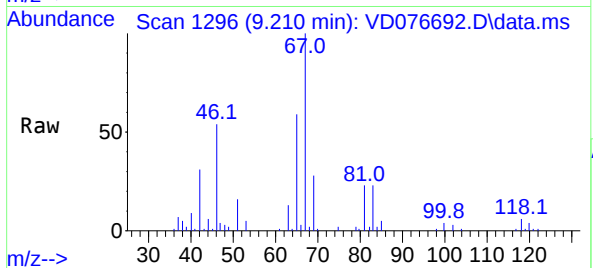




#37
1,2-Dichloropropane
Concen: 2.241 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

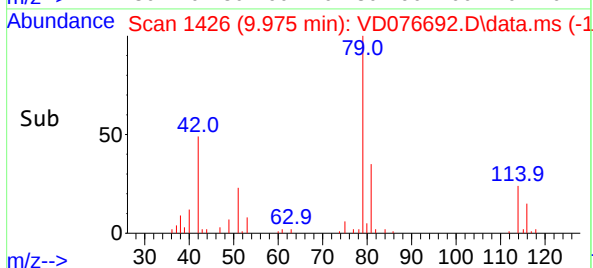
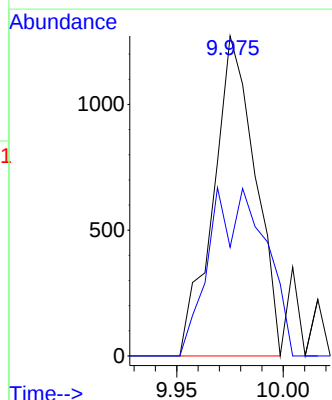
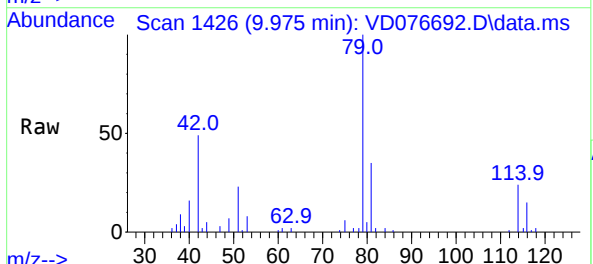
Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

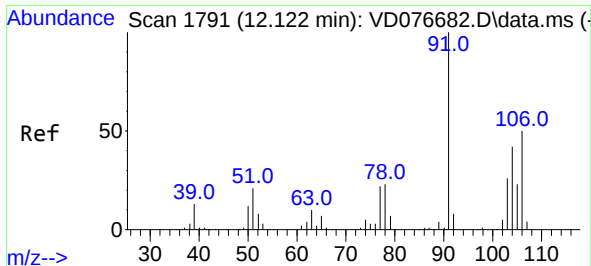
Tgt Ion: 63 Resp: 7622
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 0.336 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Tgt Ion: 75 Resp: 1743
Ion Ratio Lower Upper
75 100
77 34.0 22.7 42.3

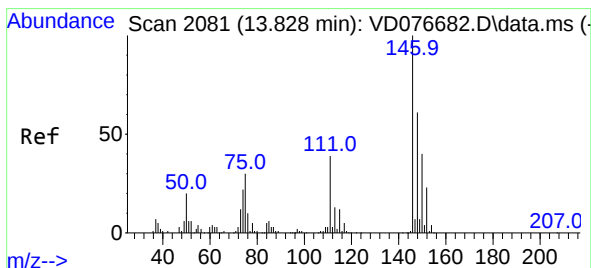
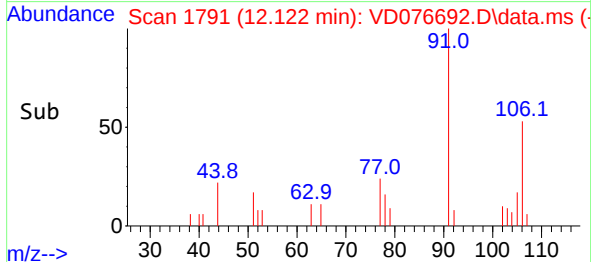
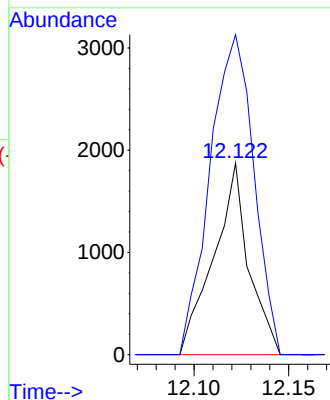
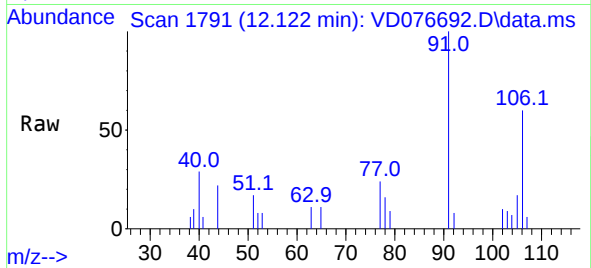




#54
o-Xylene
Concen: 0.448 ug/L
RT: 12.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

Tgt Ion:106 Resp: 2409
Ion Ratio Lower Upper
106 100
91 166.9 142.2 264.2



#67
1,2-Dichlorobenzene
Concen: 0.522 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Tgt Ion:146 Resp: 2738
Ion Ratio Lower Upper
146 100
111 49.3 31.3 46.9#
148 49.3 51.7 77.5#

