

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020434.D
 Acq On : 11 Oct 2021 10:59
 Operator : SY/VA
 Sample : M4126-16
 Misc : 3.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 01:23:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 12 01:21:43 2021
 Response via : Initial Calibration

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

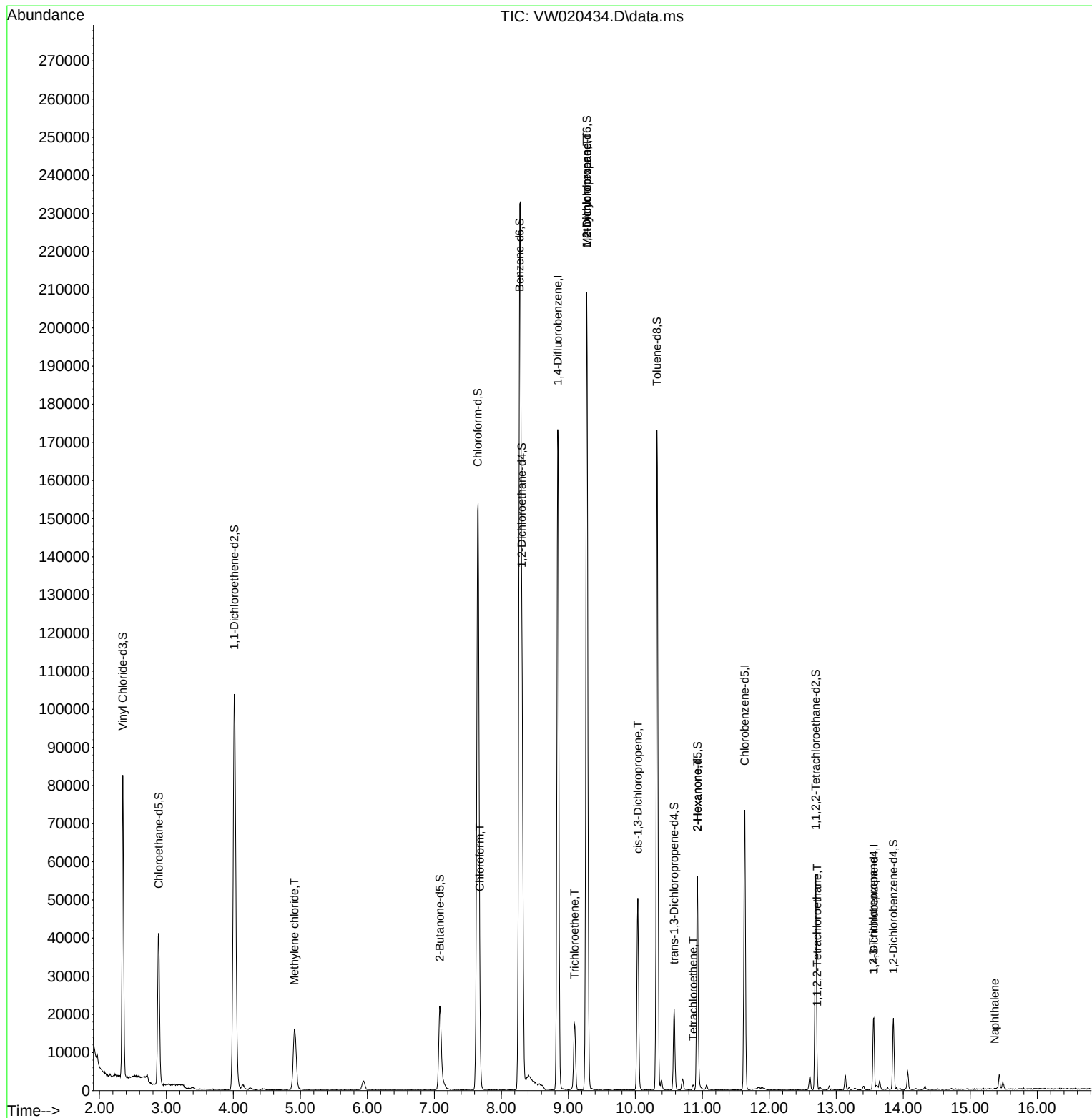
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	133410	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	38651	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	4650	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	74157	38.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 152.800%#		
7) Chloroethane-d5		2.885	69	41129	40.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 160.440%#		
11) 1,1-Dichloroethene-d2		4.013	63	106841	26.860	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.440%		
21) 2-Butanone-d5		7.080	46	38990	65.996	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 132.000%		
24) Chloroform-d		7.647	84	152923	35.960	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 143.840%		
26) 1,2-Dichloroethane-d4		8.305	65	76971	31.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 126.760%		
32) Benzene-d6		8.275	84	227367	89.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 357.720%#		
36) 1,2-Dichloropropane-d6		9.274	67	93648	113.019	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 452.080%#		
41) Toluene-d8		10.323	98	107352	47.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 188.240%#		
43) trans-1,3-Dichloroprop...		10.579	79	11381	33.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 135.200%#		
47) 2-Hexanone-d5		10.927	63	16665	130.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 261.480%#		
56) 1,1,2,2-Tetrachloroeth...		12.695	84	27839	44.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 177.800%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	4770	26.223	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.880%		
Target Compounds							
16) Methylene chloride		4.909	84	11656	4.494	ug/L	96
25) Chloroform		7.677	83	3369	0.859	ug/L	99
34) Trichloroethene		9.092	95	6082	8.968	ug/L	96
35) Methylcyclohexane		9.274	83	22326	19.236	ug/L #	15
37) 1,2-Dichloropropane		9.274	63	10903	15.293	ug/L #	87
39) cis-1,3-Dichloropropene		10.037	75	1287	1.308	ug/L #	75
46) Tetrachloroethene		10.866	164	306	0.628	ug/L	95
48) 2-Hexanone		10.927	43	2623	8.355	ug/L #	65
57) 1,1,2,2-Tetrachloroethane		12.713	83	615	1.084	ug/L #	90
61) 1,2,3-Trichloropropane		13.554	75	656	6.404	ug/L #	58
71) Naphthalene		15.365	128	213	0.711	ug/L #	69

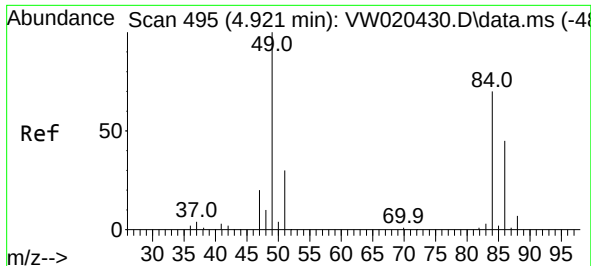
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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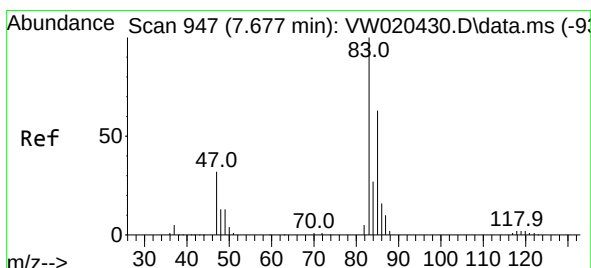
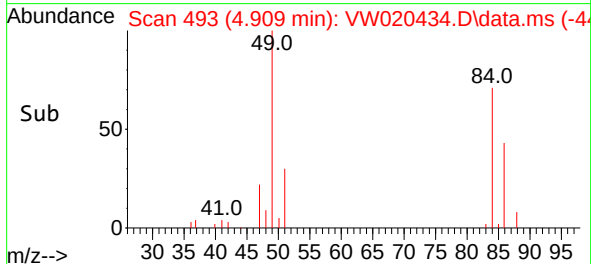
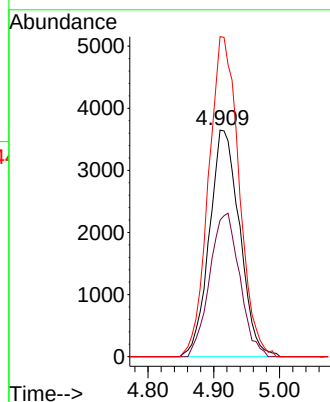
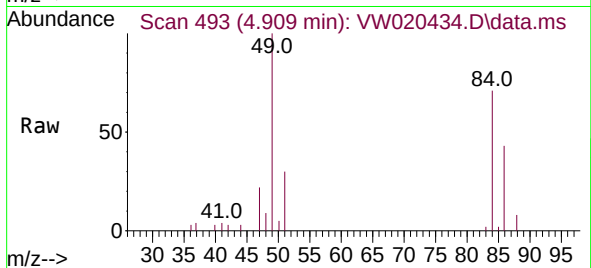




#16
Methylene chloride
Concen: 4.494 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

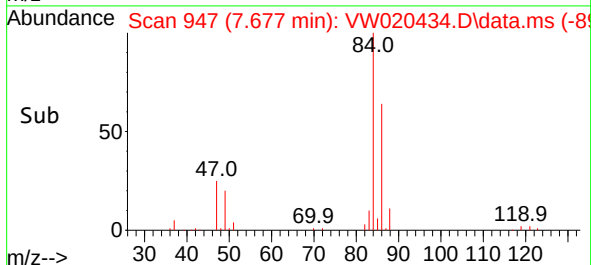
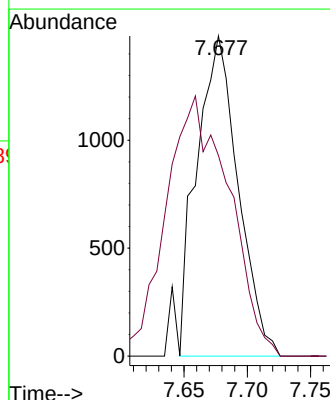
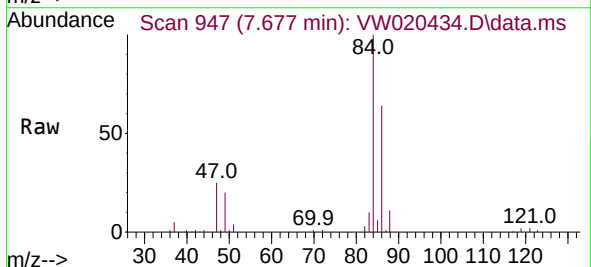
Instrument :
MSVOA_W
ClientSampleId :

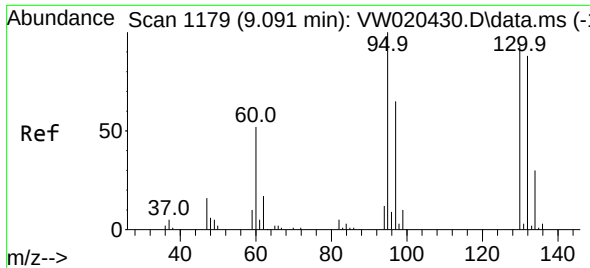
Tgt Ion: 84 Resp: 11656
Ion Ratio Lower Upper
84 100
86 60.2 44.7 83.1
49 141.3 101.7 188.9



#25
Chloroform
Concen: 0.859 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

Tgt Ion: 83 Resp: 3369
Ion Ratio Lower Upper
83 100
85 62.6 44.6 82.8

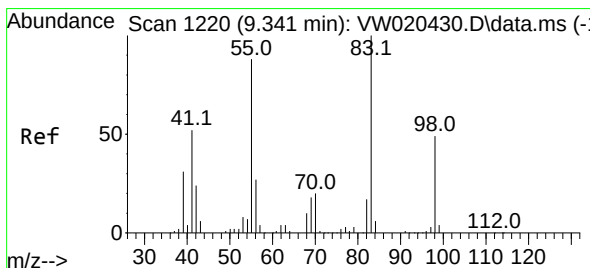
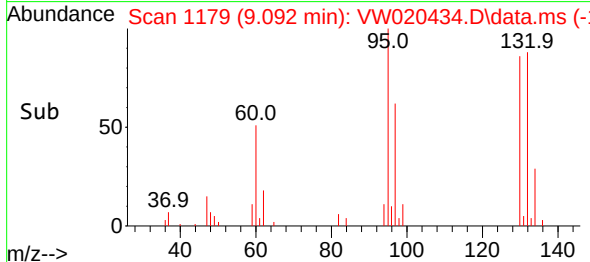
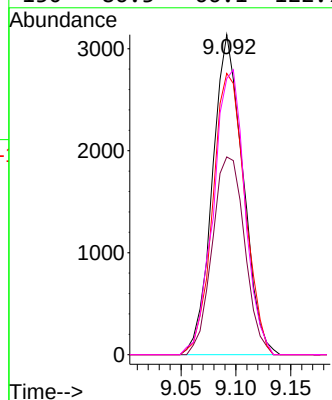
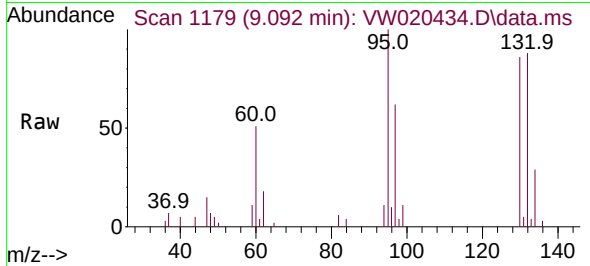




#34
Trichloroethene
Concen: 8.968 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

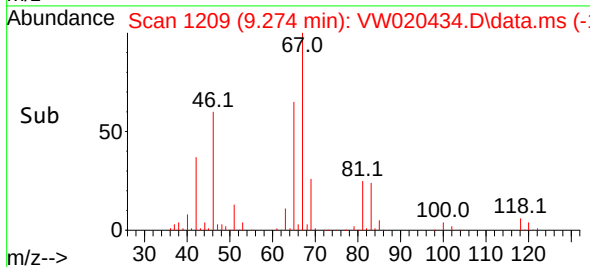
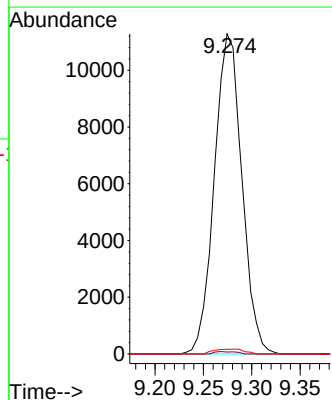
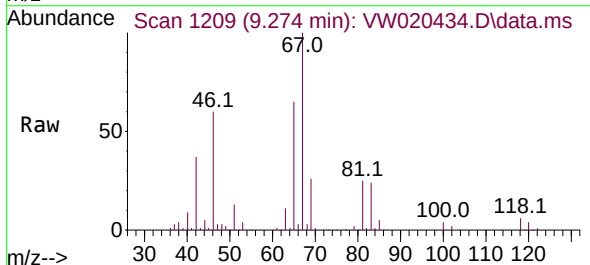
Instrument :
MSVOA_W
ClientSampled :

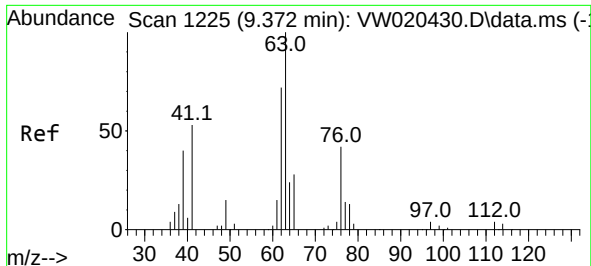
Tgt Ion: 95 Resp: 6082
Ion Ratio Lower Upper
95 100
97 61.8 43.2 80.2
132 87.9 62.3 115.7
130 86.3 66.1 122.7



#35
Methylcyclohexane
Concen: 19.236 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

Tgt Ion: 83 Resp: 22326
Ion Ratio Lower Upper
83 100
55 0.6 69.7 104.5#
98 1.7 38.2 57.2#

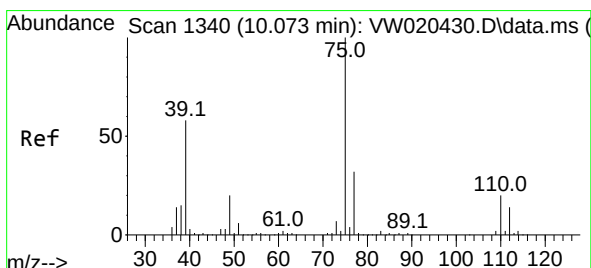
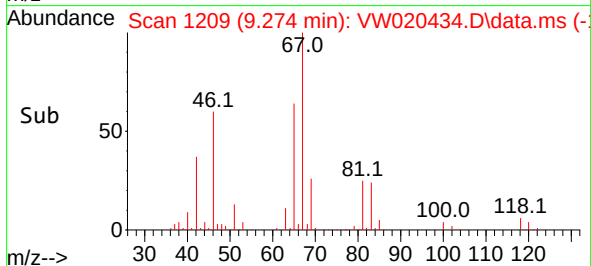
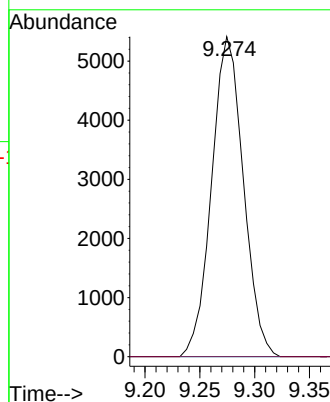
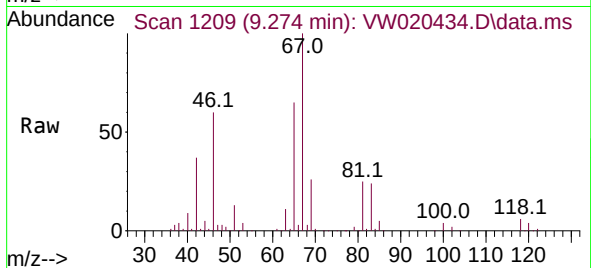




#37
1,2-Dichloropropane
Concen: 15.293 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

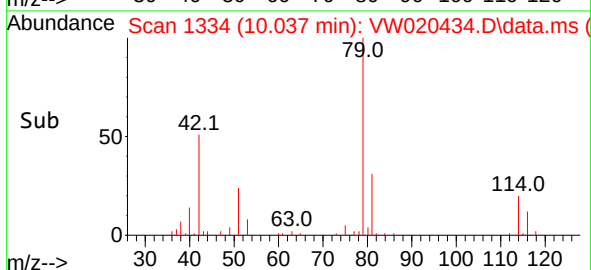
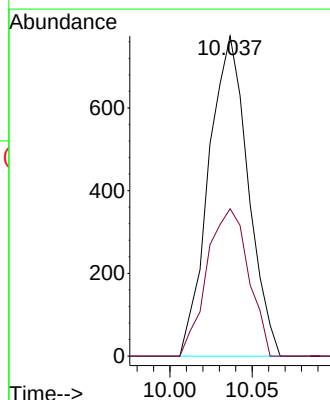
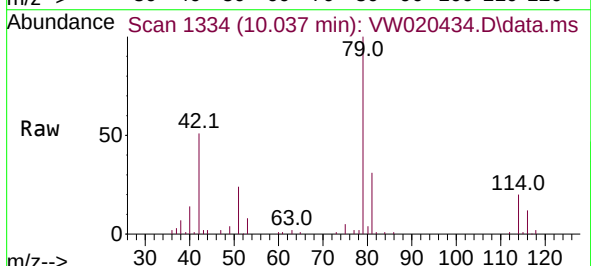
Instrument :
MSVOA_W
ClientSampleId :

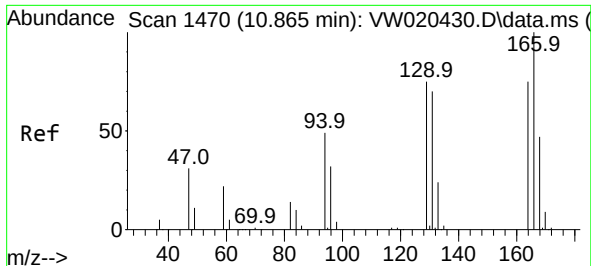
Tgt Ion: 63 Resp: 10903
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 1.308 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

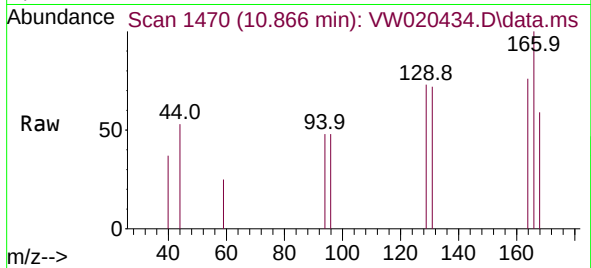
Tgt Ion: 75 Resp: 1287
Ion Ratio Lower Upper
75 100
77 46.0 22.4 41.6#



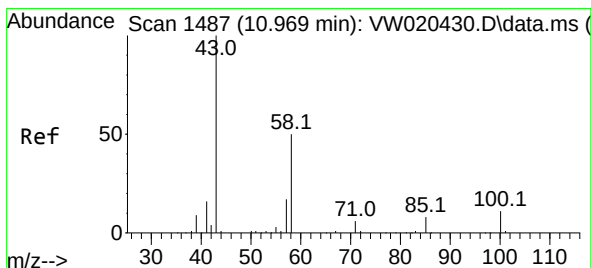
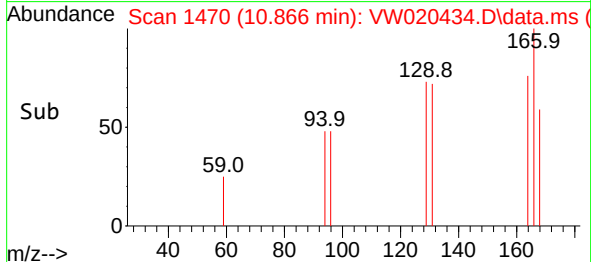
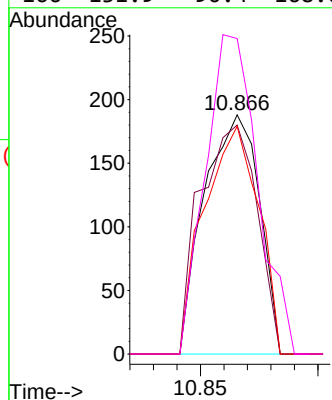


#46
Tetrachloroethene
Concen: 0.628 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

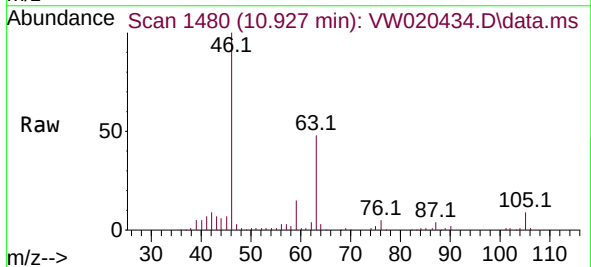
Instrument :
MSVOA_W
ClientSampled :



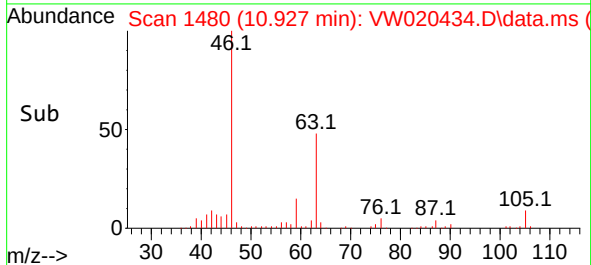
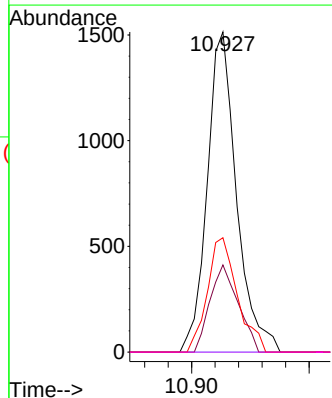
Tgt Ion:164 Resp: 306
Ion Ratio Lower Upper
164 100
129 95.7 69.1 128.3
131 95.2 58.3 108.3
166 131.9 90.4 168.0

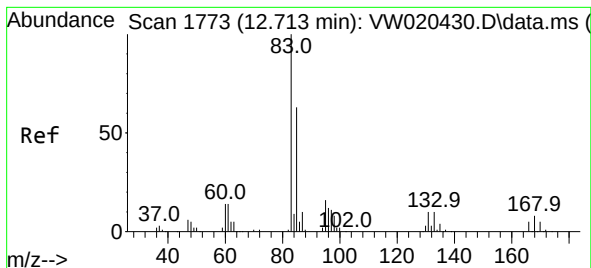


#48
2-Hexanone
Concen: 8.355 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59



Tgt Ion: 43 Resp: 2623
Ion Ratio Lower Upper
43 100
58 26.1 39.5 59.3#
57 36.6 14.2 21.4#
100 0.0 8.2 12.4#

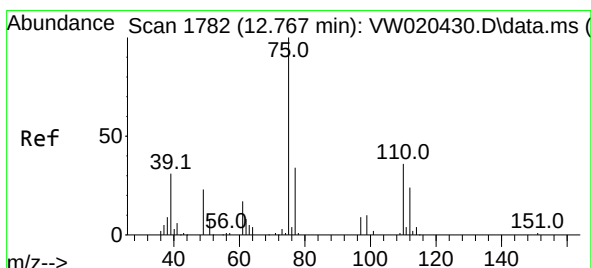
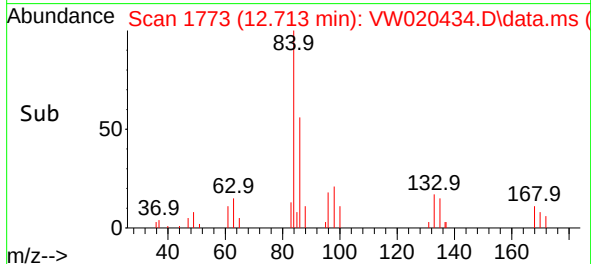
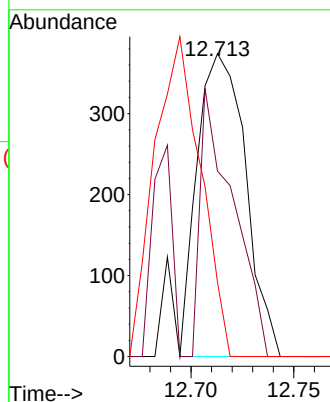
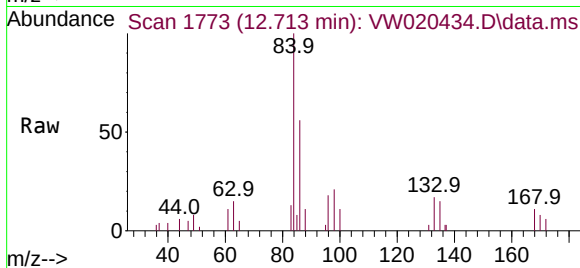




#57
1,1,2,2-Tetrachloroethane
Concen: 1.084 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

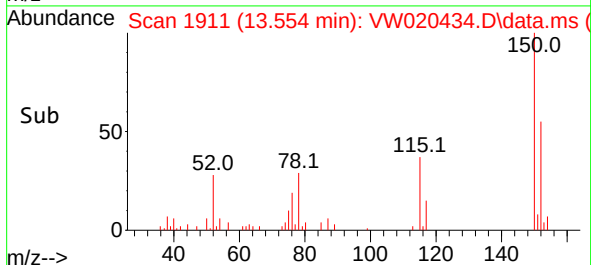
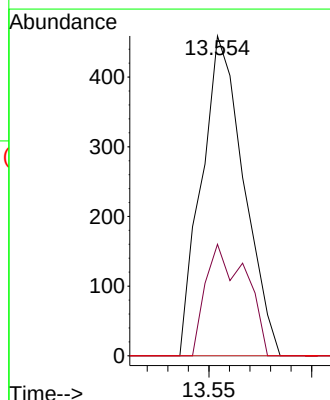
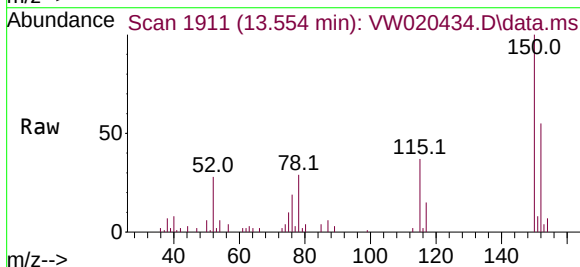
Instrument :
MSVOA_W
ClientSampled :

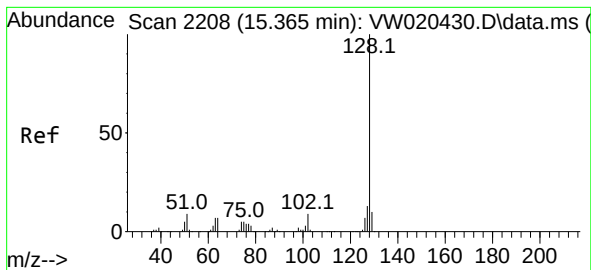
Tgt Ion:	83	Resp:	615
Ion	Ratio	Lower	Upper
83	100		
85	61.2	45.9	85.3
131	24.6	7.4	11.2#



#61
1,2,3-Trichloropropane
Concen: 6.404 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

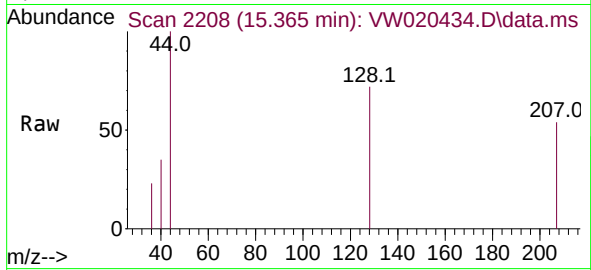
Tgt Ion:	75	Resp:	656
Ion	Ratio	Lower	Upper
75	100		
77	20.7	25.1	37.7#
110	0.0	29.4	44.0#





#71
Naphthalene
Concen: 0.711 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020434.D
Acq: 11 Oct 2021 10:59

Instrument :
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ClientSampleId :



Tgt Ion:128 Resp: 213
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

