

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020326.D
 Acq On : 06 Oct 2021 20:35
 Operator : SY/VA
 Sample : M4001-10
 Misc : 6.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:55:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	8742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	5941	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	1598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	3257	27.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.120%
7) Chloroethane-d5	2.891	69	3979	76.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	304.880%#
11) 1,1-Dichloroethene-d2	4.031	63	5043	20.325	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.320%
21) 2-Butanone-d5	7.092	46	1503	49.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.220%
24) Chloroform-d	7.659	84	10230	40.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	163.000%#
26) 1,2-Dichloroethane-d4	8.311	65	7186	52.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	209.240%#
32) Benzene-d6	8.281	84	15789	43.894	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	175.560%#
36) 1,2-Dichloropropane-d6	9.280	67	6495	56.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	227.720%#
41) Toluene-d8	10.329	98	9354	28.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.840%
43) trans-1,3-Dichloroprop...	10.579	79	1599	34.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	137.760%#
47) 2-Hexanone-d5	10.927	63	729	46.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	5078	63.769	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	255.080%#
66) 1,2-Dichlorobenzene-d4	13.859	152	1873	33.472	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.880%#
Target Compounds						Qvalue
3) Chloromethane	2.215	50	49	0.418	ug/L #	44
8) Chloroethane	2.910	64	41	0.861	ug/L #	44
13) Acetone	4.141	43	130	4.132	ug/L #	45
14) Carbon disulfide	4.385	76	145	0.363	ug/L #	74
16) Methylene chloride	4.921	84	603	3.863	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	85	0.653	ug/L #	50
30) 1,1,1-Trichloroethane	7.878	97	638	4.477	ug/L #	41
34) Trichloroethene	9.098	95	2397	23.584	ug/L	87
35) Methylcyclohexane	9.274	83	1567	8.838	ug/L #	14
37) 1,2-Dichloropropane	9.280	63	756	7.345	ug/L #	87
39) cis-1,3-Dichloropropene	10.043	75	62	0.426	ug/L #	43
42) Toluene	10.396	91	479	1.153	ug/L #	75
48) 2-Hexanone	10.945	43	54	1.317	ug/L #	41
60) Isopropylbenzene	13.286	105	220	0.927	ug/L #	1
61) 1,2,3-Trichloropropane	13.554	75	186	5.872	ug/L #	59
62) 1,3,5-Trimethylbenzene	13.286	105	220	1.146	ug/L #	29
63) 1,2,4-Trimethylbenzene	13.286	105	220	1.147	ug/L #	32
71) Naphthalene	15.365	128	86	0.893	ug/L #	69

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ClientSampleId :

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Quant Title : SFAM01.0
QLast Update : Thu Oct 07 01:49:38 2021
Response via : Initial Calibration

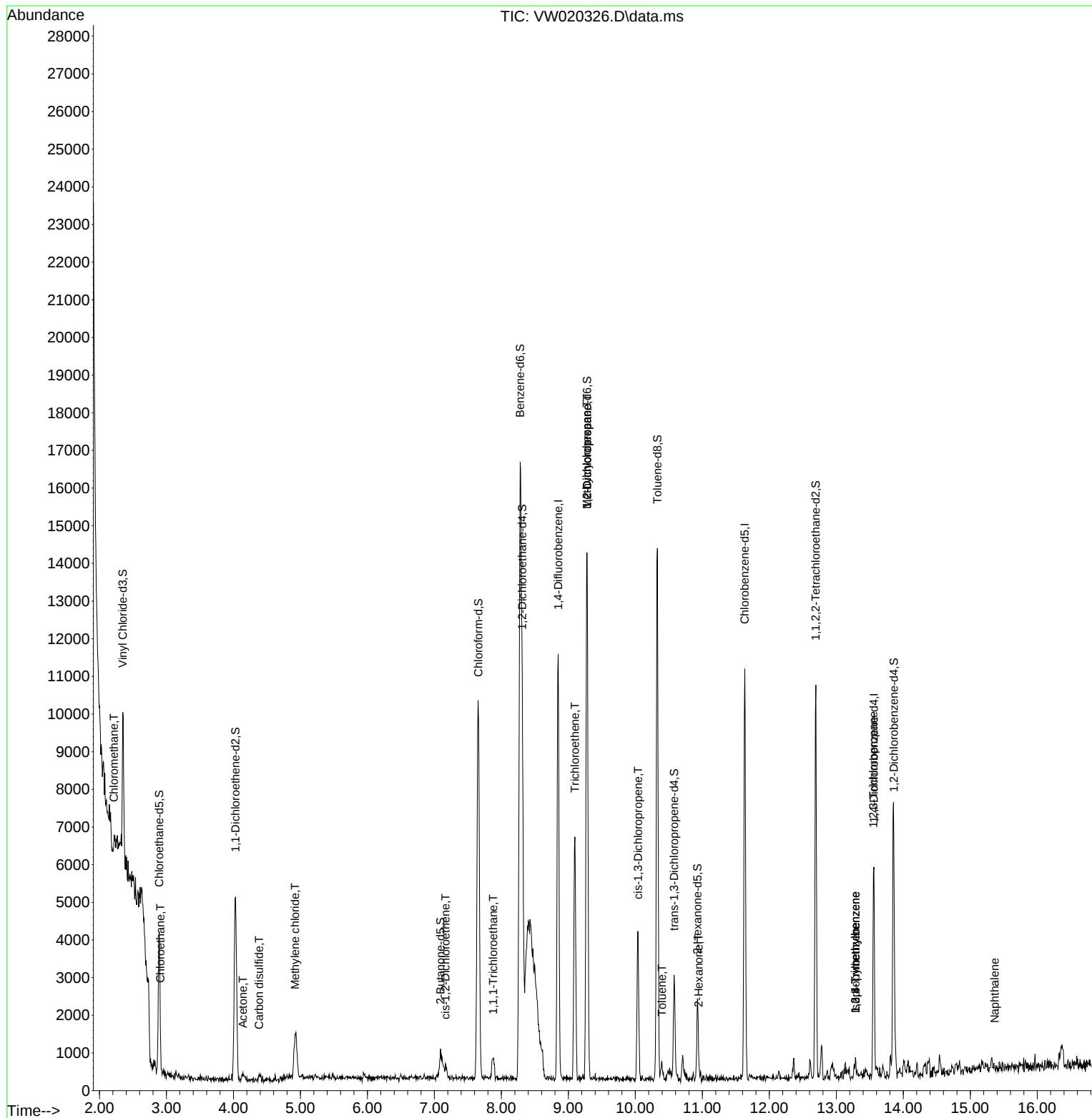
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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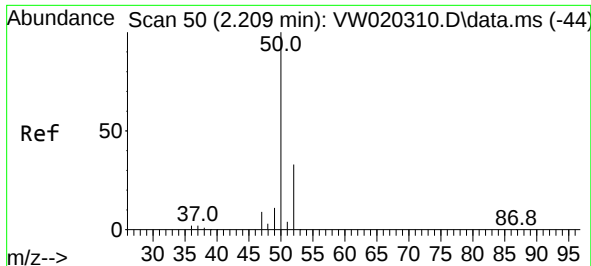
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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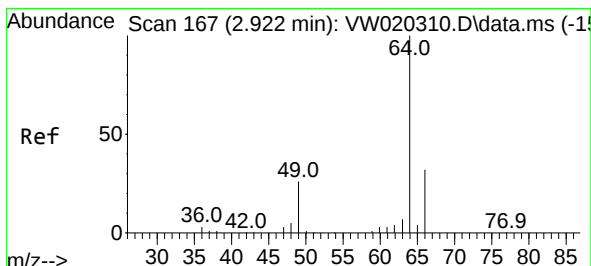
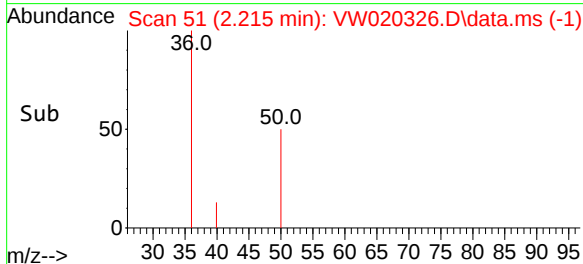
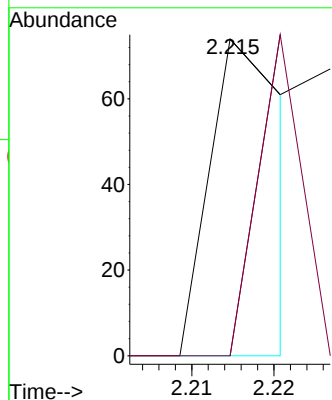
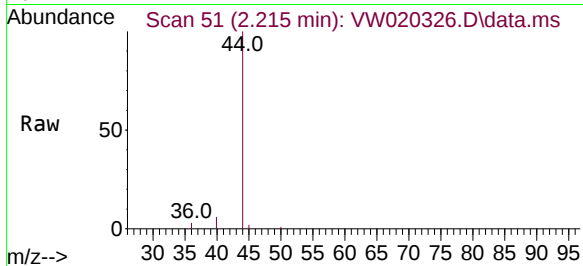




#3
Chloromethane
Concen: 0.418 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

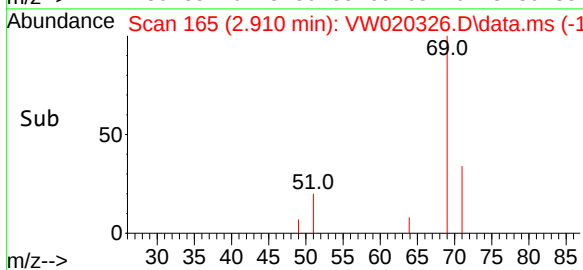
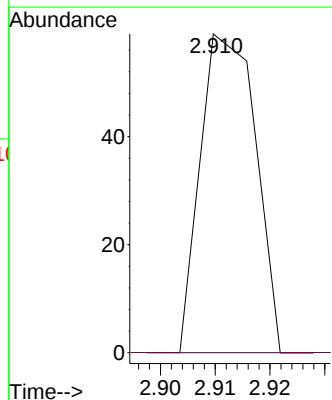
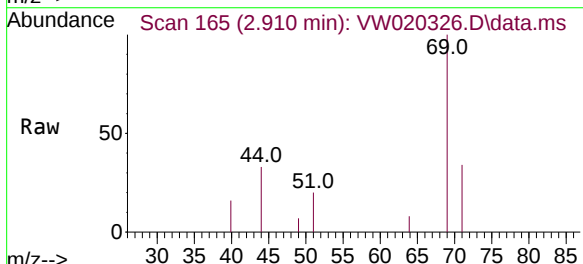
Instrument :
MSVOA_W
ClientSampled :

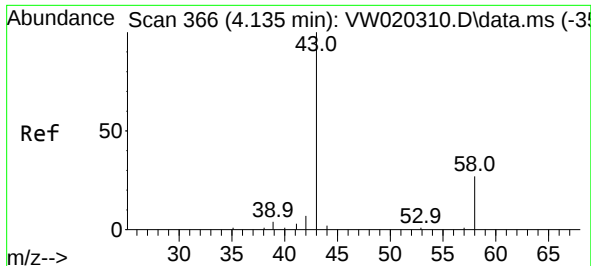
Tgt Ion: 50 Resp: 49
Ion Ratio Lower Upper
50 100
52 0.0 21.5 39.9#



#8
Chloroethane
Concen: 0.861 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.012 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 21.2 39.4#

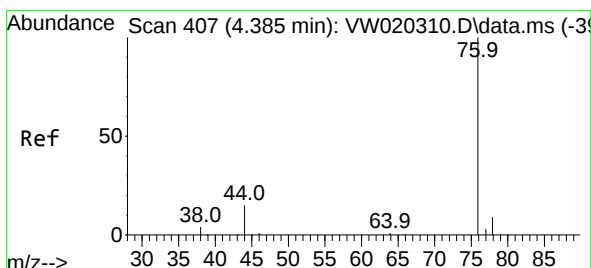
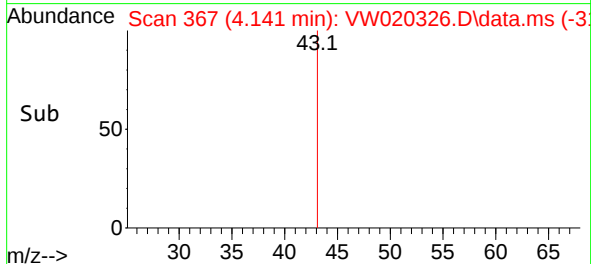
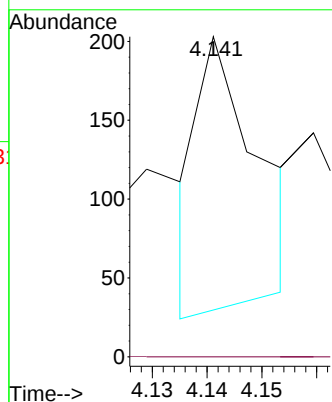
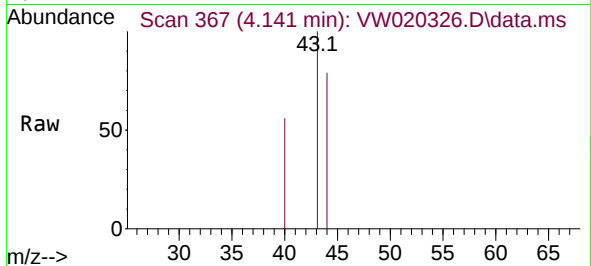




#13
Acetone
Concen: 4.132 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

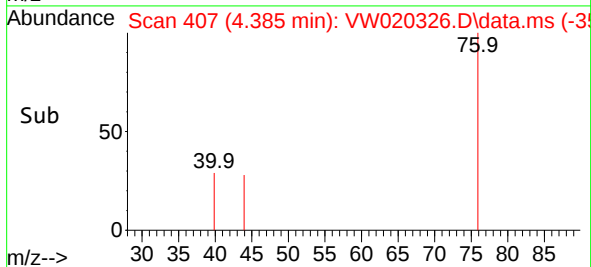
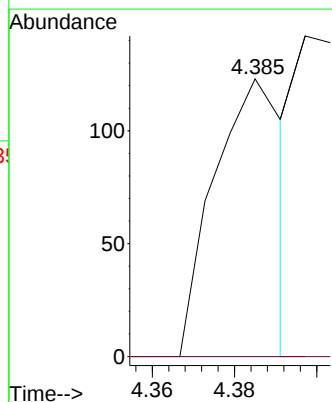
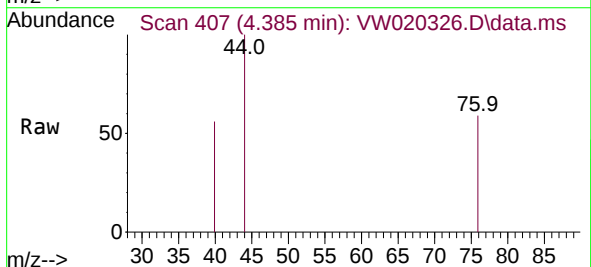
Instrument :
MSVOA_W
ClientSampled :

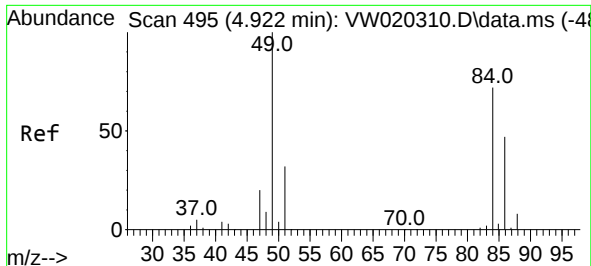
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 0.0 58.4



#14
Carbon disulfide
Concen: 0.363 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

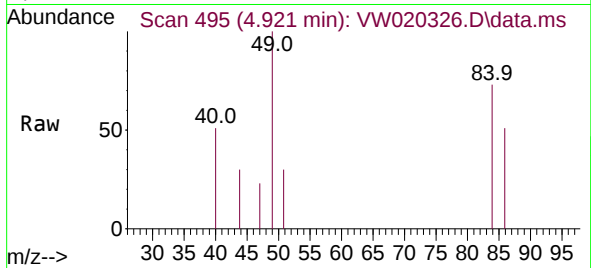
Tgt Ion: 76 Resp: 145
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#





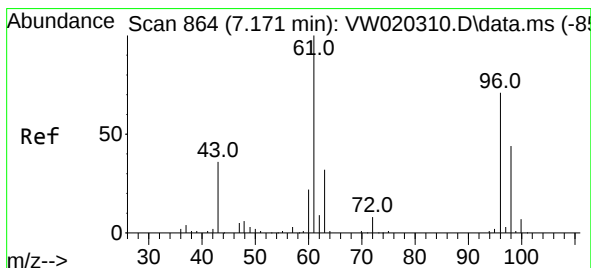
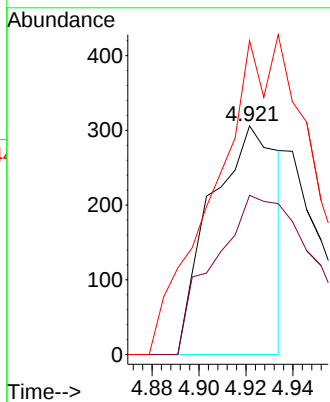
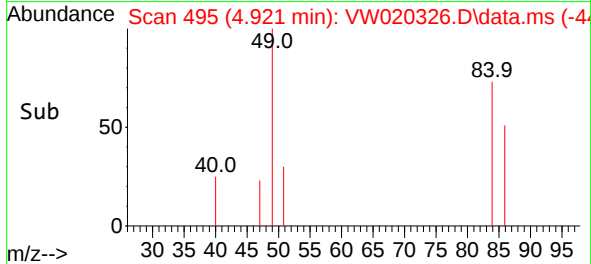
#16
Methylene chloride
Concen: 3.863 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampled :

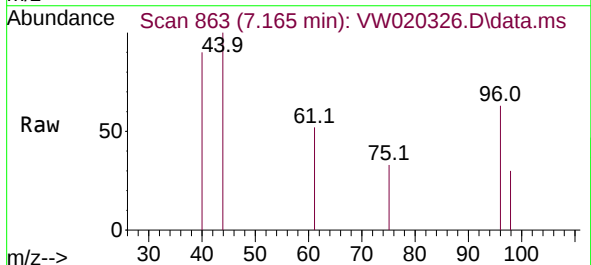


Tgt Ion: 84 Resp: 603

Ion	Ratio	Lower	Upper
84	100		
86	69.6	44.7	83.1
49	137.3	101.7	188.9

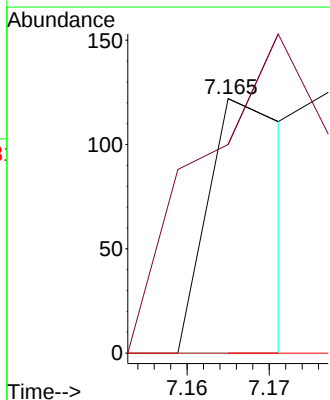
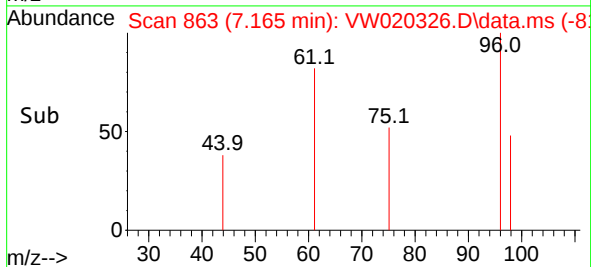


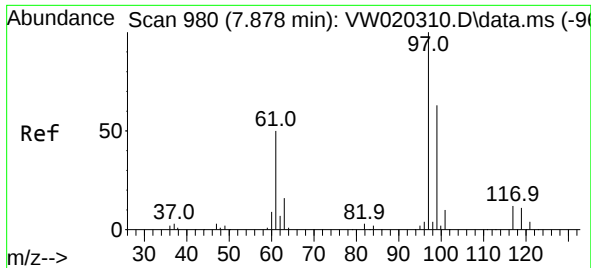
#20
cis-1,2-Dichloroethene
Concen: 0.653 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35



Tgt Ion: 96 Resp: 85

Ion	Ratio	Lower	Upper
96	100		
61	82.0	100.3	186.3#
68	0.0	0.0	0.0

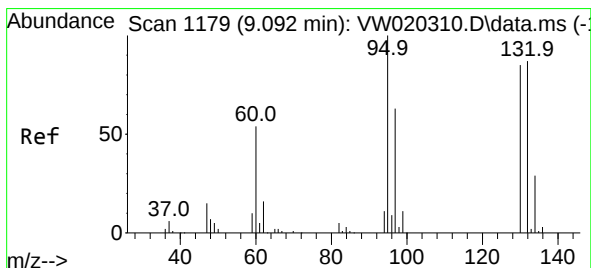
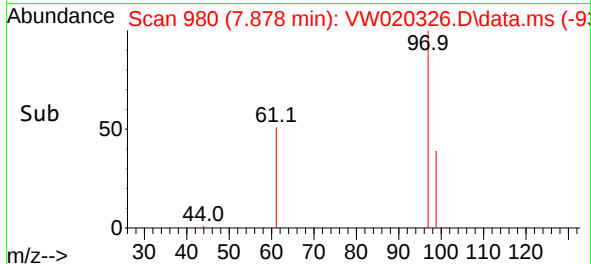
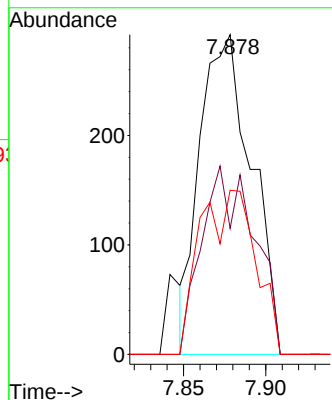
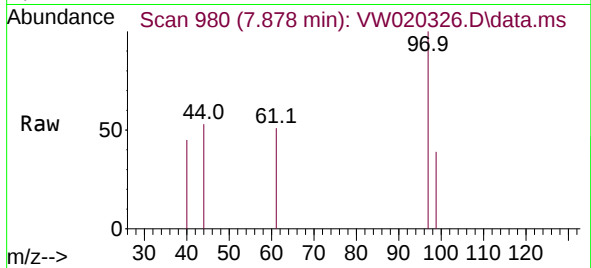




#30
1,1,1-Trichloroethane
Concen: 4.477 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

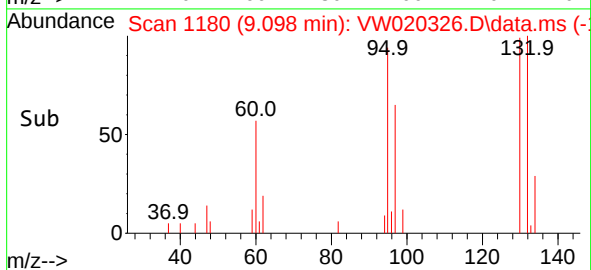
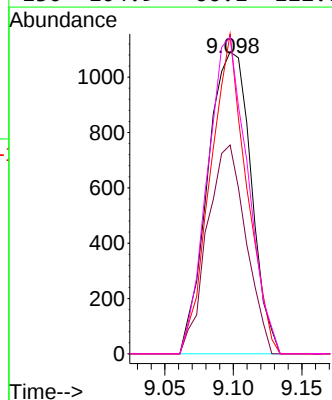
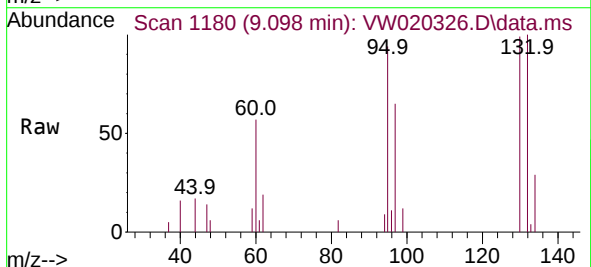
Instrument :
MSVOA_W
ClientSampleId :

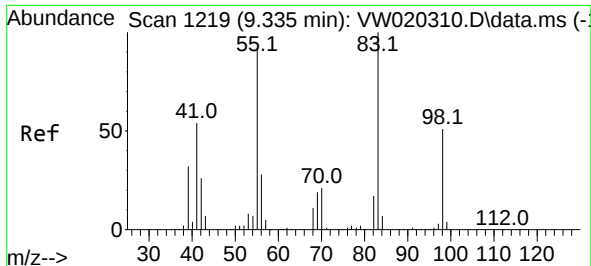
Tgt Ion: 97 Resp: 638
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 30.7 41.0 61.6#



#34
Trichloroethene
Concen: 23.584 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion: 95 Resp: 2397
Ion Ratio Lower Upper
95 100
97 69.2 43.2 80.2
132 106.0 62.3 115.7
130 104.9 66.1 122.7

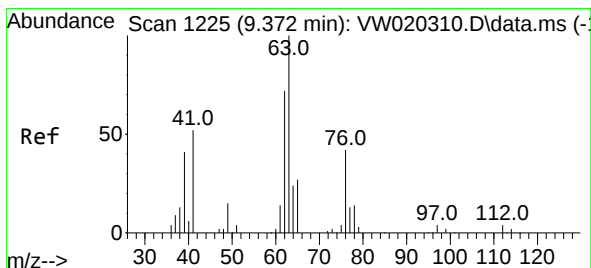
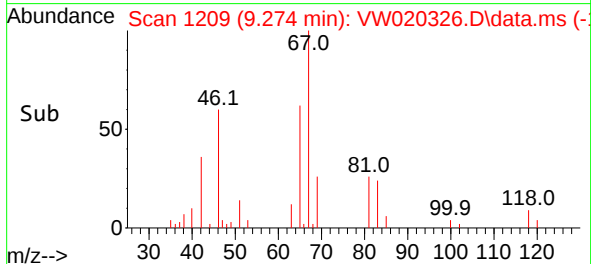
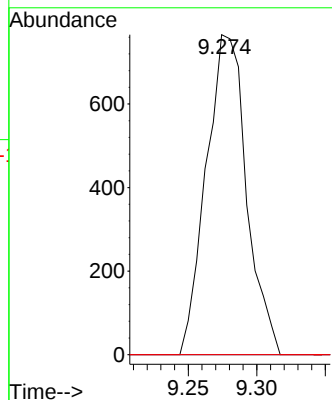
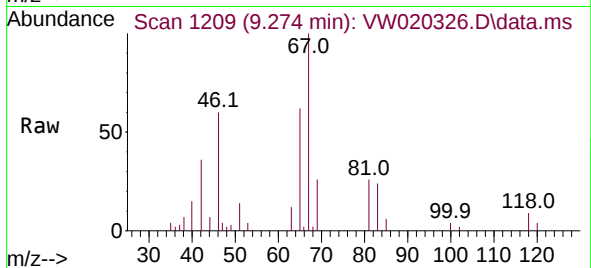




#35
Methylcyclohexane
Concen: 8.838 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

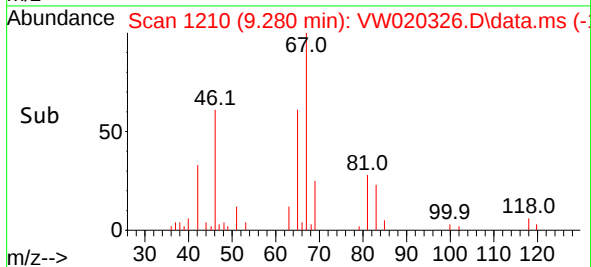
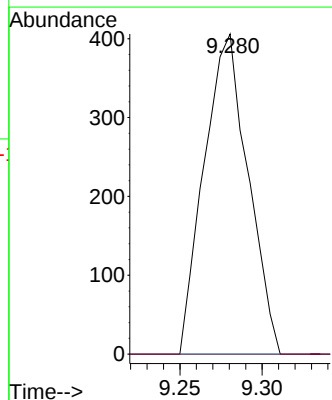
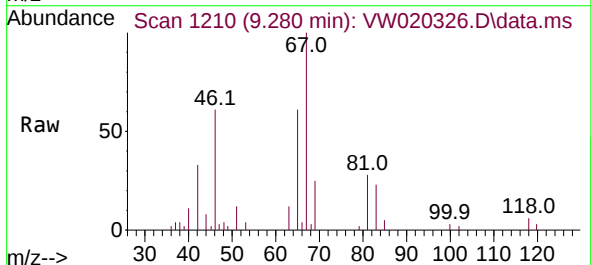
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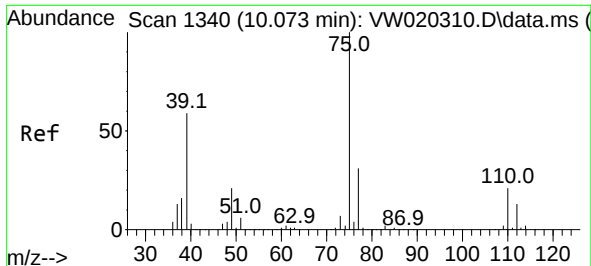
Tgt Ion: 83 Resp: 1567
Ion Ratio Lower Upper
83 100
55 0.0 69.7 104.5#
98 0.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 7.345 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.092 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion: 63 Resp: 756
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

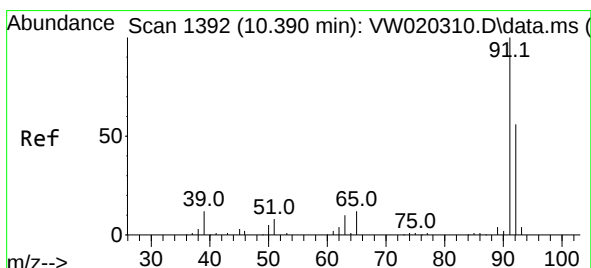
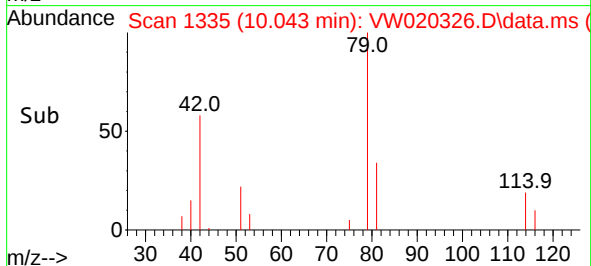
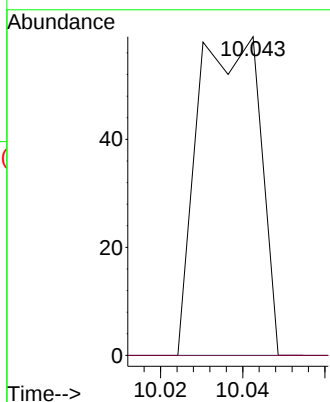
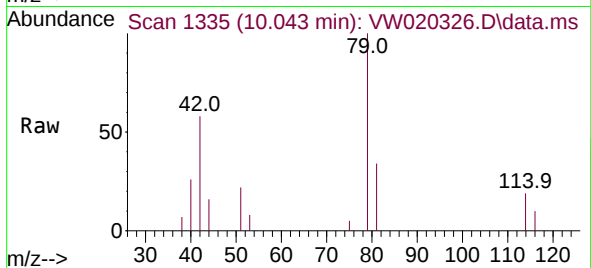




#39
cis-1,3-Dichloropropene
Concen: 0.426 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.031 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

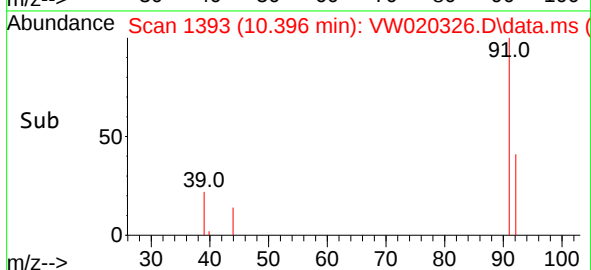
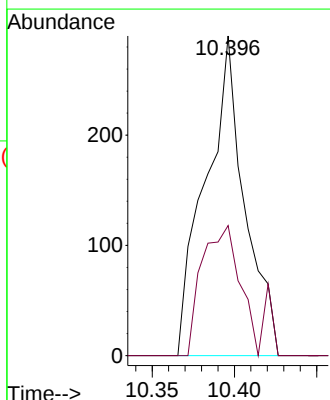
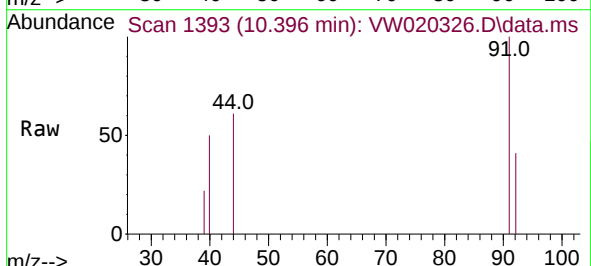
Instrument :
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ClientSampled :

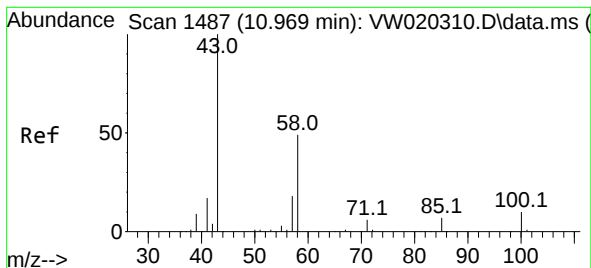
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 0.0 22.4 41.6#



#42
Toluene
Concen: 1.153 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion: 91 Resp: 479
Ion Ratio Lower Upper
91 100
92 40.7 41.5 77.1#

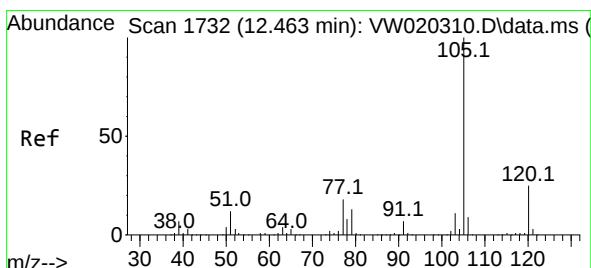
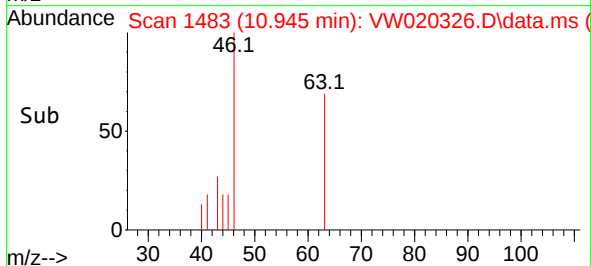
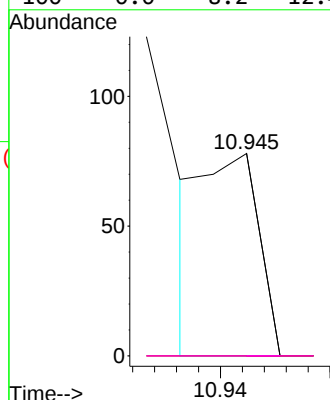
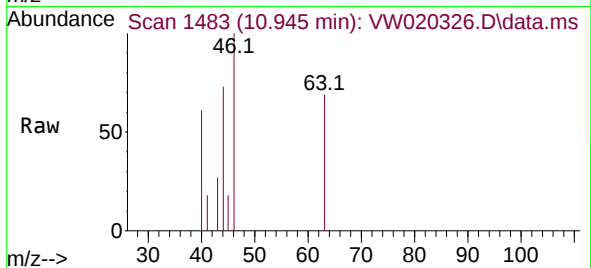




#48
2-Hexanone
Concen: 1.317 ug/L
RT: 10.945 min Scan# 1483
Delta R.T. -0.025 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

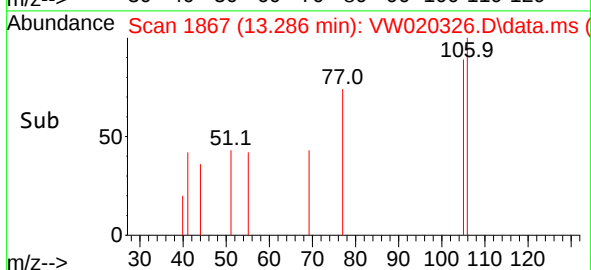
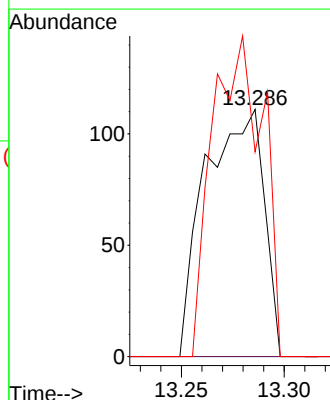
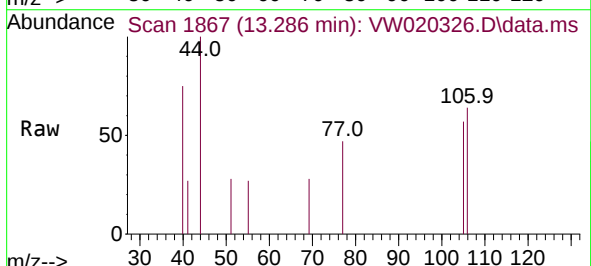
Instrument :
MSVOA_W
ClientSampled :

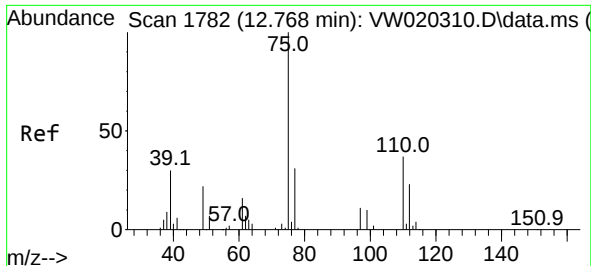
Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.5	59.3#
57	0.0	14.2	21.4#
100	0.0	8.2	12.4#



#60
Isopropylbenzene
Concen: 0.927 ug/L
RT: 13.286 min Scan# 1867
Delta R.T. 0.823 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion:	105	Resp:	220
Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#
77	111.8	13.8	20.6#

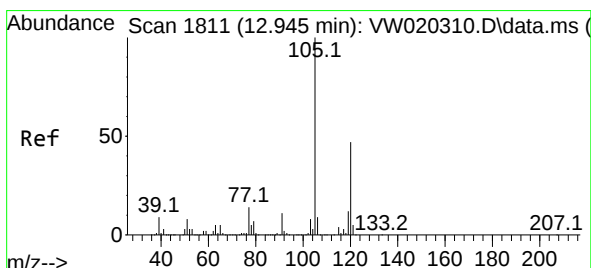
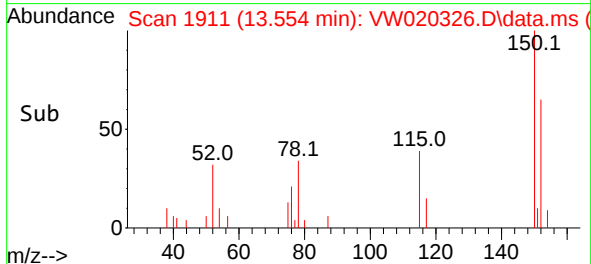
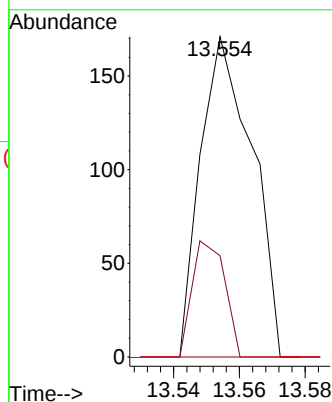
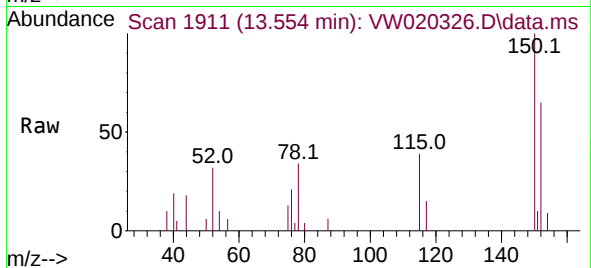




#61
1,2,3-Trichloropropane
Concen: 5.872 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

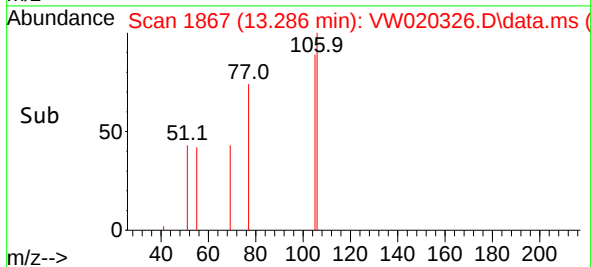
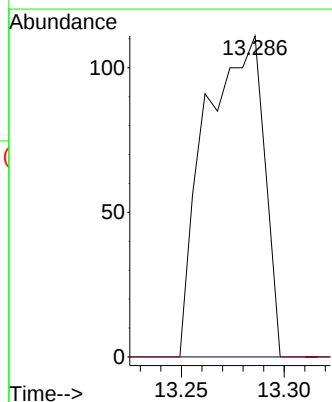
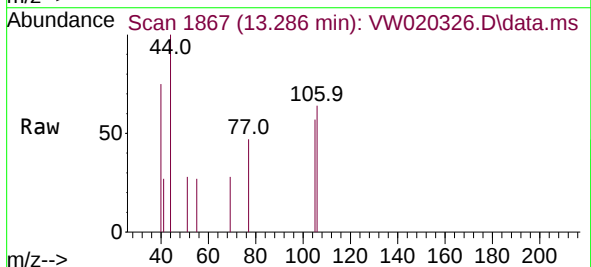
Instrument :
MSVOA_W
ClientSampled :

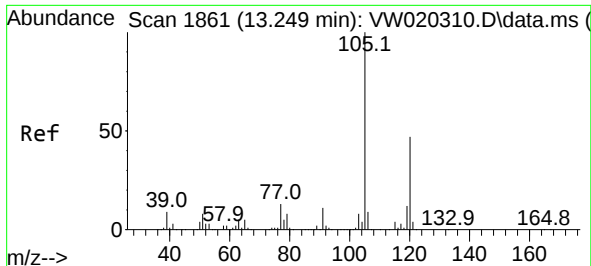
Tgt Ion: 75 Resp: 186
Ion Ratio Lower Upper
75 100
77 22.6 25.1 37.7#
110 0.0 29.4 44.0#



#62
1,3,5-Trimethylbenzene
Concen: 1.146 ug/L
RT: 13.286 min Scan# 1867
Delta R.T. 0.341 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion: 105 Resp: 220
Ion Ratio Lower Upper
105 100
120 0.0 37.9 56.9#

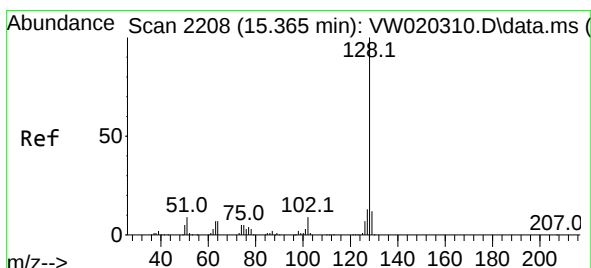
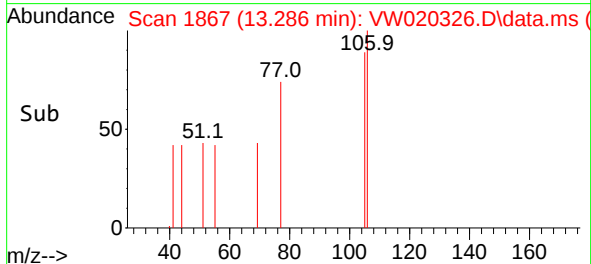
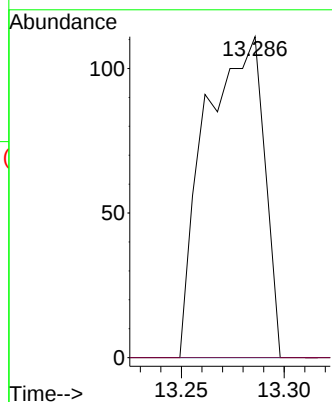
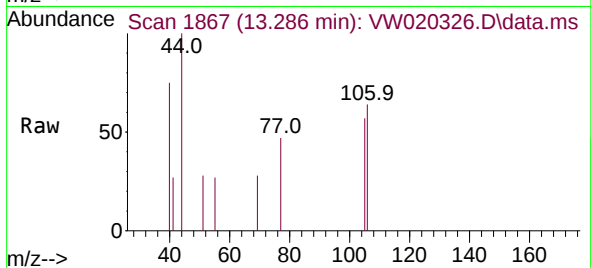




#63
1,2,4-Trimethylbenzene
Concen: 1.147 ug/L
RT: 13.286 min Scan# 1867
Delta R.T. 0.036 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 220
Ion Ratio Lower Upper
105 100
120 0.0 35.4 53.2#



#71
Naphthalene
Concen: 0.893 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020326.D
Acq: 06 Oct 2021 20:35

Tgt Ion:128 Resp: 86
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

