

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019902.D
 Acq On : 25 Aug 2021 18:24
 Operator : SY/VA
 Sample : M3526-15
 Misc : 5.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 01:12:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 26 01:07:03 2021
 Response via : Initial Calibration

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

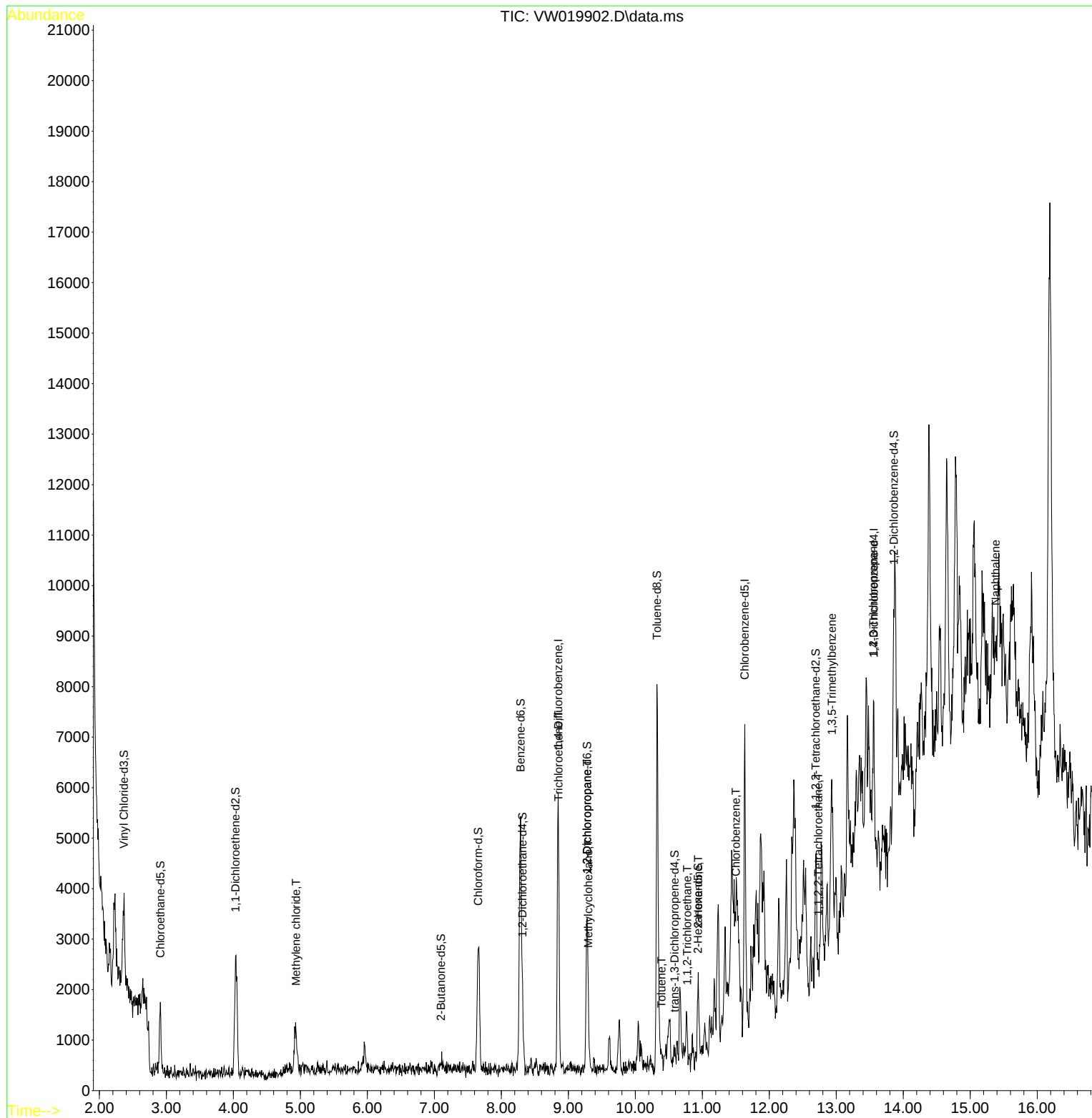
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	4824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	3110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	1781	23.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.320%
7) Chloroethane-d5	2.910	69	1613	24.587	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
11) 1,1-Dichloroethene-d2	4.031	63	1690	13.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.120%
21) 2-Butanone-d5	7.098	46	71	4.677	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.360%#
24) Chloroform-d	7.653	84	2610	19.673	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.680%
26) 1,2-Dichloroethane-d4	8.317	65	1157	16.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.720%#
32) Benzene-d6	8.287	84	5360	30.227	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.920%
36) 1,2-Dichloropropane-d6	9.281	67	1556	28.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.920%
41) Toluene-d8	10.323	98	3591	22.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.585	79	290	13.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.280%
47) 2-Hexanone-d5	10.933	63	73	9.758	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.520%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	964	22.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	13.859	152	705	23.250	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
16) Methylene chloride	4.934	84	652	7.875	ug/L #	58
34) Trichloroethene	8.854	95	99	1.995	ug/L #	5
35) Methylcyclohexane	9.299	83	137	1.610	ug/L #	63
37) 1,2-Dichloropropane	9.281	63	187	3.956	ug/L #	85
42) Toluene	10.390	91	64	0.317	ug/L #	23
45) 1,1,2-Trichloroethane	10.774	97	91	2.659	ug/L #	16
48) 2-Hexanone	10.939	43	669	38.232	ug/L #	27
51) Chlorobenzene	11.500	112	43	0.335	ug/L #	28
57) 1,1,2,2-Tetrachloroethane	12.731	83	170	4.051	ug/L #	26
61) 1,2,3-Trichloropropane	13.554	75	57	3.289	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.932	105	75	0.784	ug/L #	28
71) Naphthalene	15.377	128	84	1.490	ug/L #	1

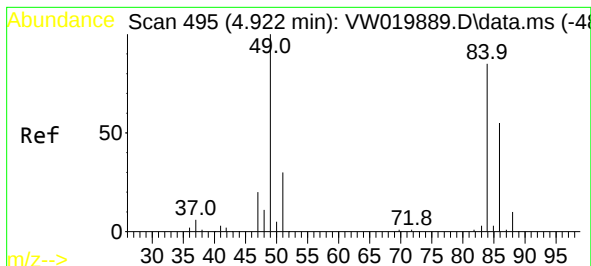
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Aug 26 01:07:03 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 7.875 ug/L

RT: 4.934 min Scan# 497

Delta R.T. 0.012 min

Lab File: VW019902.D

Acq: 25 Aug 2021 18:24

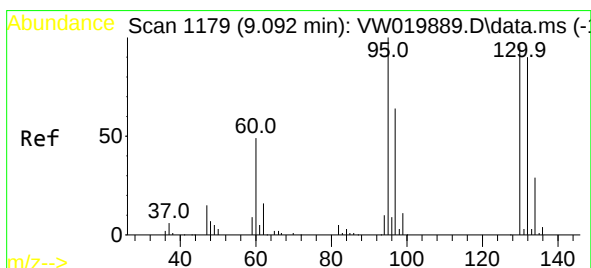
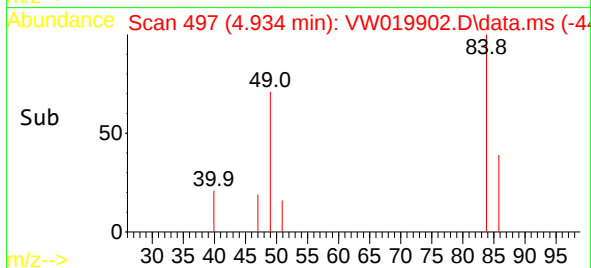
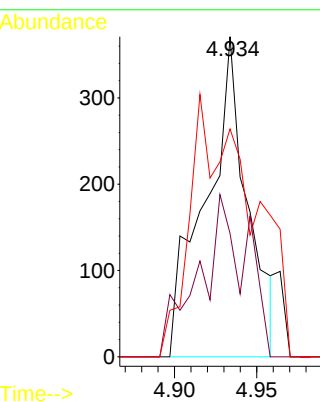
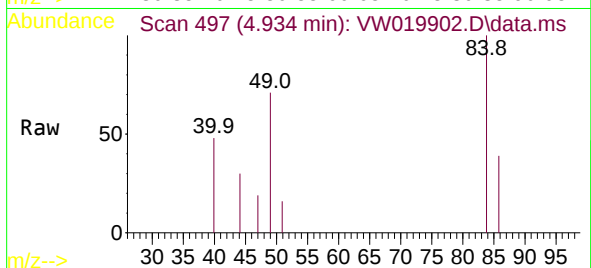
Instrument :

MSVOA_W

ClientSampled :

Tgt Ion: 84 Resp: 652

Ion	Ratio	Lower	Upper
84	100		
86	38.5	45.3	84.1#
49	71.2	86.6	160.8#



#34

Trichloroethene

Concen: 1.995 ug/L

RT: 8.854 min Scan# 1140

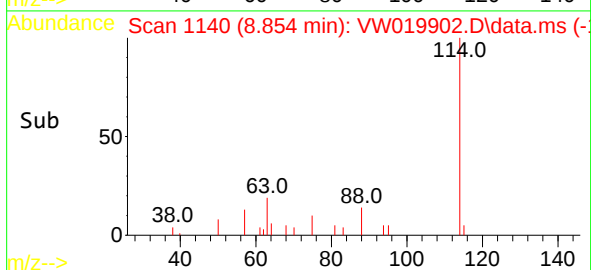
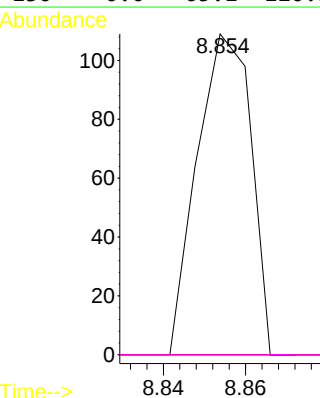
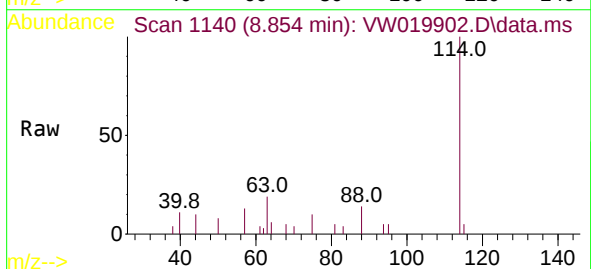
Delta R.T. -0.238 min

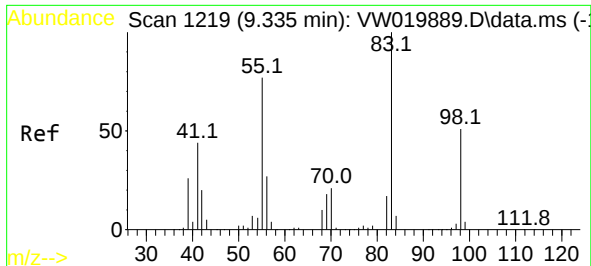
Lab File: VW019902.D

Acq: 25 Aug 2021 18:24

Tgt Ion: 95 Resp: 99

Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#

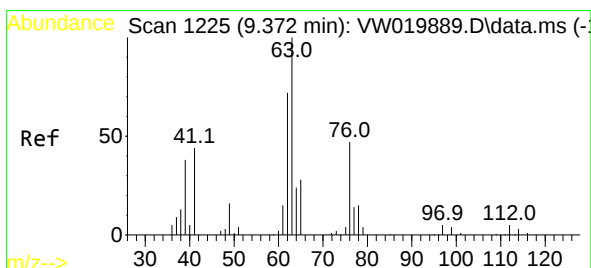
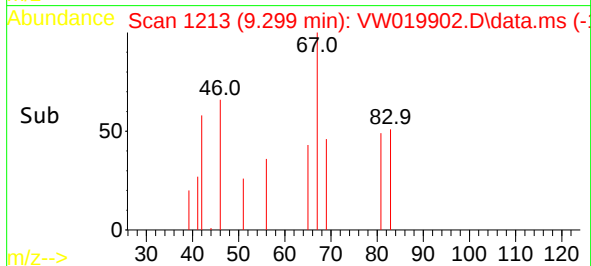
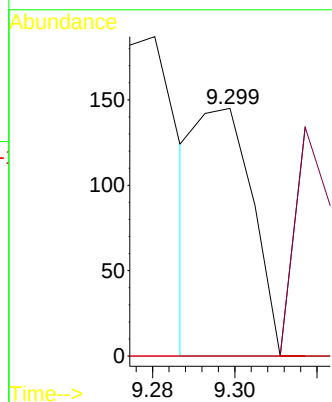
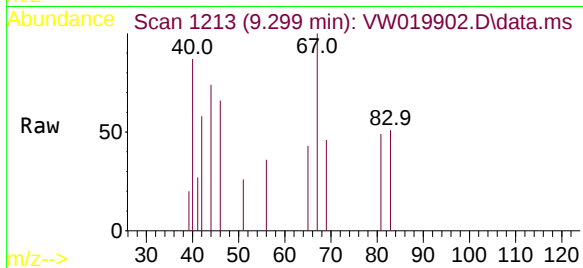




#35
Methylcyclohexane
Concen: 1.610 ug/L
RT: 9.299 min Scan# 1213
Delta R.T. -0.037 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

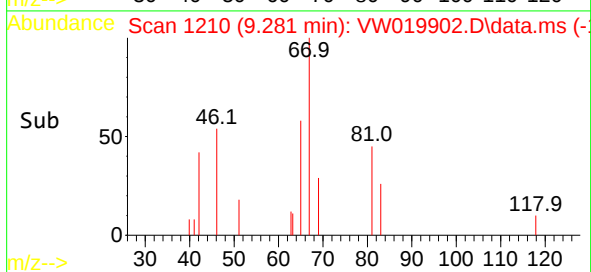
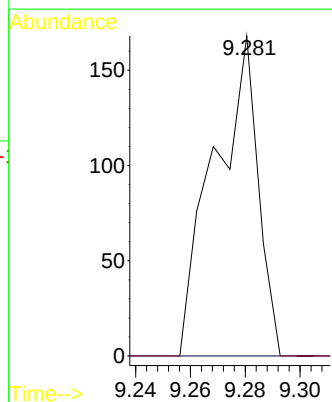
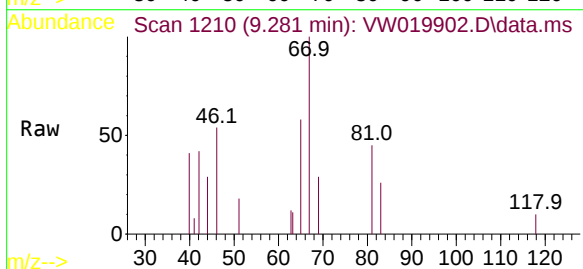
Instrument :
MSVOA_W
ClientSampled :

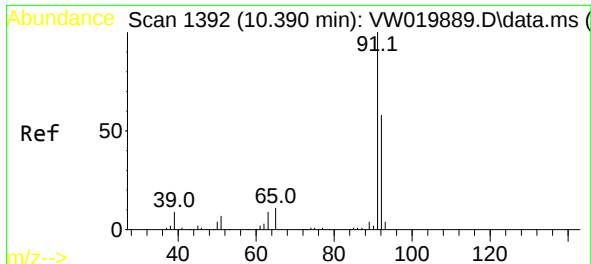
Tgt Ion: 83 Resp: 137
Ion Ratio Lower Upper
83 100
55 83.9 58.9 88.3
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 3.956 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

Tgt Ion: 63 Resp: 187
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

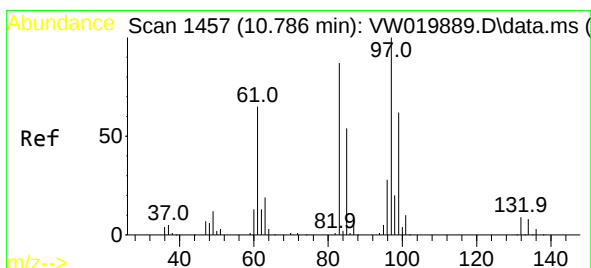
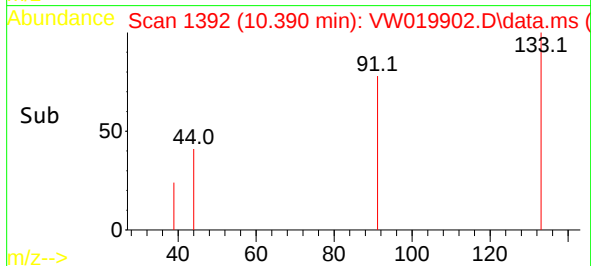
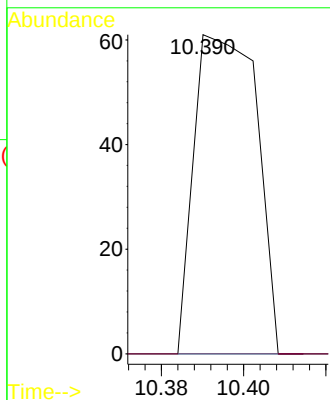
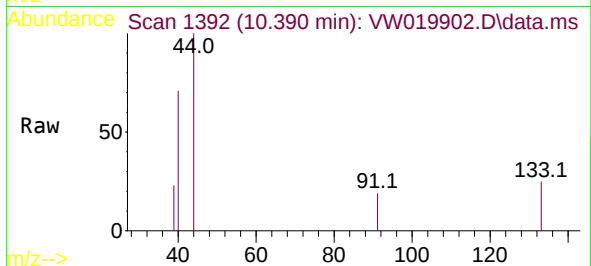




#42
Toluene
Concen: 0.317 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

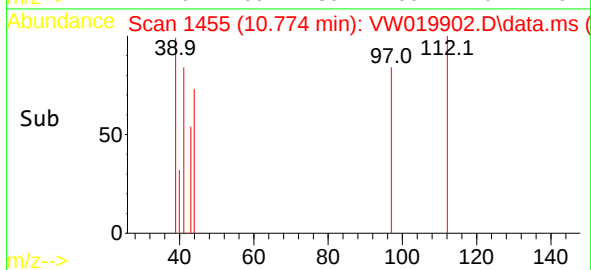
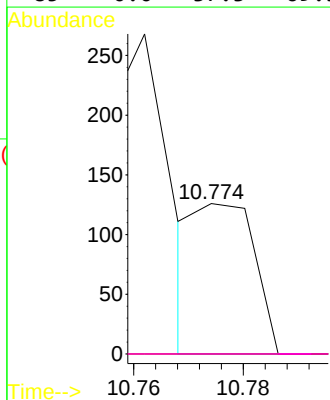
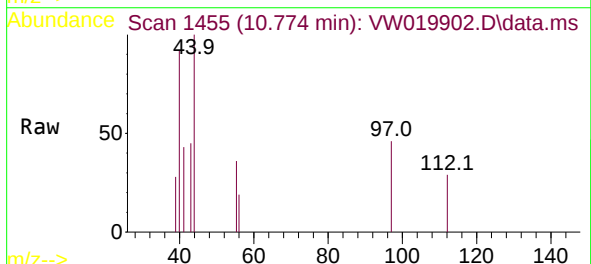
Instrument :
MSVOA_W
ClientSampled :

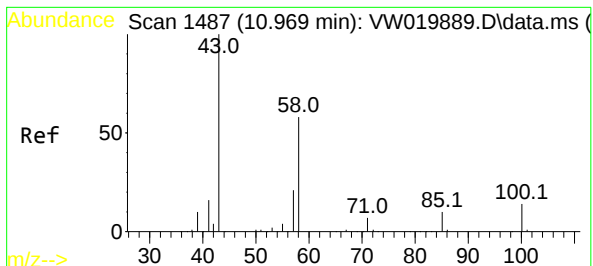
Tgt Ion: 91 Resp: 64
Ion Ratio Lower Upper
91 100
92 0.0 39.5 73.3#



#45
1,1,2-Trichloroethane
Concen: 2.659 ug/L
RT: 10.774 min Scan# 1455
Delta R.T. -0.012 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

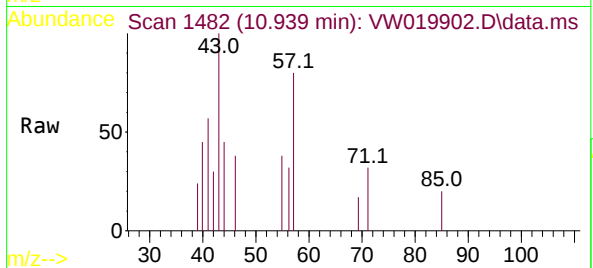
Tgt Ion: 97 Resp: 91
Ion Ratio Lower Upper
97 100
99 0.0 45.1 83.7#
83 0.0 58.1 107.9#
85 0.0 37.3 69.3#



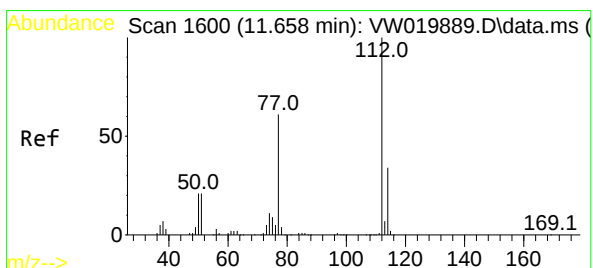
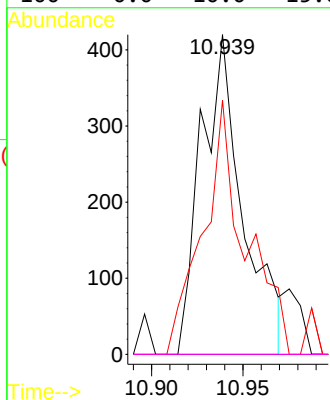
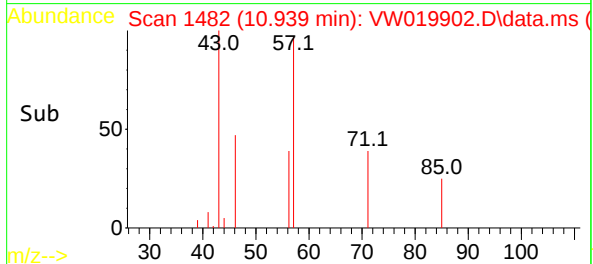


#48
2-Hexanone
Concen: 38.232 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

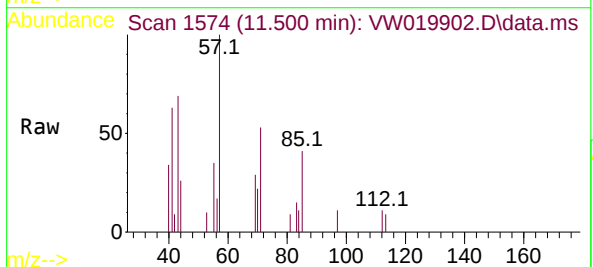
Instrument :
MSVOA_W
ClientSampled :



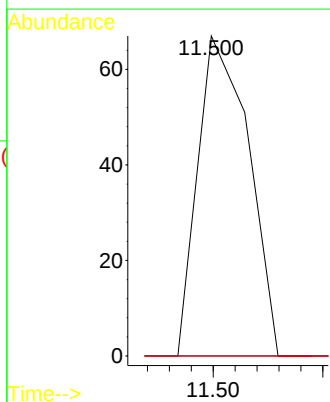
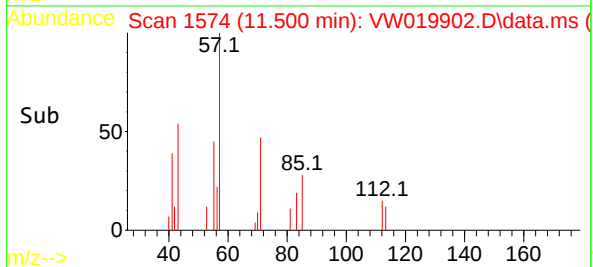
Tgt Ion:	43	Resp:	669
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.7	64.1#
57	61.7	15.8	23.8#
100	0.0	10.0	15.0#

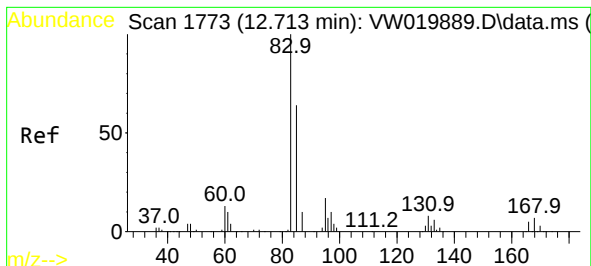


#51
Chlorobenzene
Concen: 0.335 ug/L
RT: 11.500 min Scan# 1574
Delta R.T. -0.159 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24



Tgt Ion:	112	Resp:	43
Ion	Ratio	Lower	Upper
112	100		
114	0.0	23.4	43.6#
77	0.0	47.6	71.4#

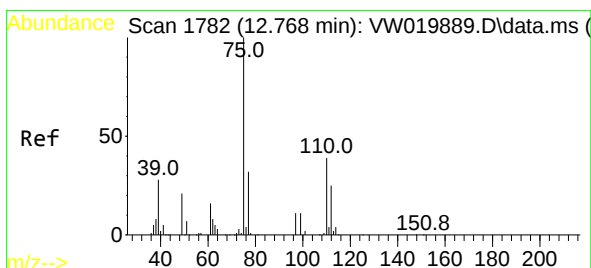
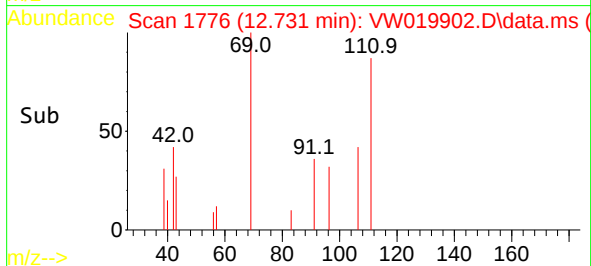
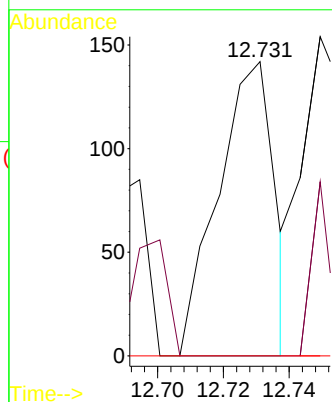
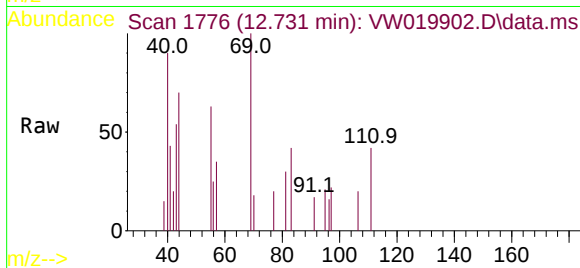




#57
1,1,2,2-Tetrachloroethane
Concen: 4.051 ug/L
RT: 12.731 min Scan# 1776
Delta R.T. 0.018 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

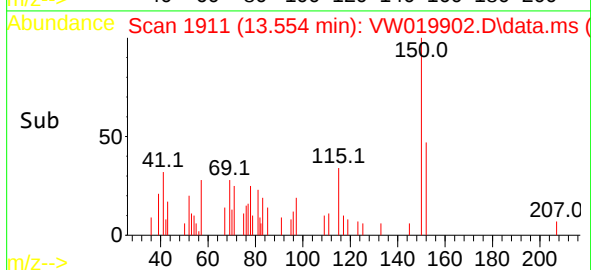
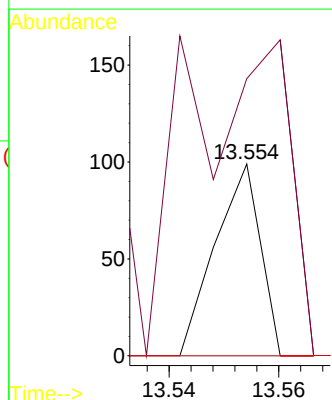
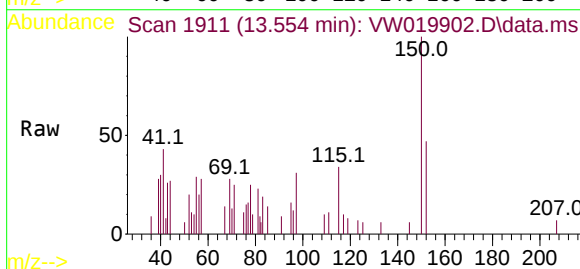
Instrument :
MSVOA_W
ClientSampled :

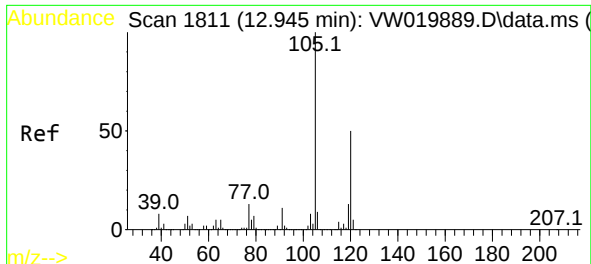
Tgt Ion: 83 Resp: 170
Ion Ratio Lower Upper
83 100
85 0.0 44.4 82.4#
131 0.0 8.2 12.4#



#61
1,2,3-Trichloropropane
Concen: 3.289 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
77 196.5 25.3 37.9#
110 0.0 32.6 48.8#

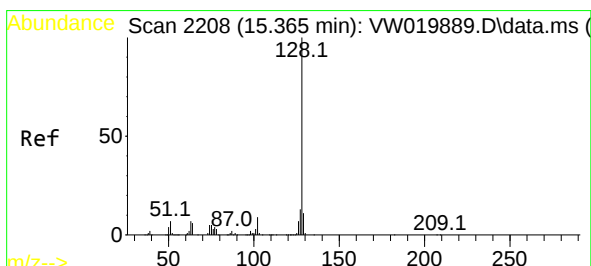
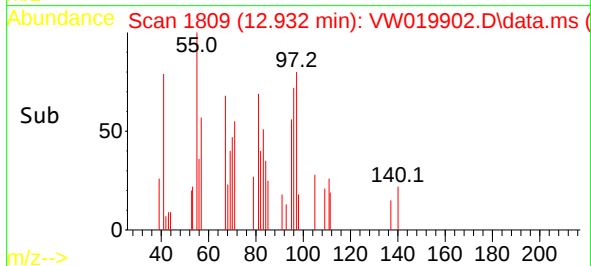
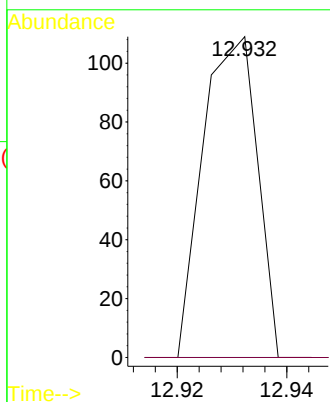
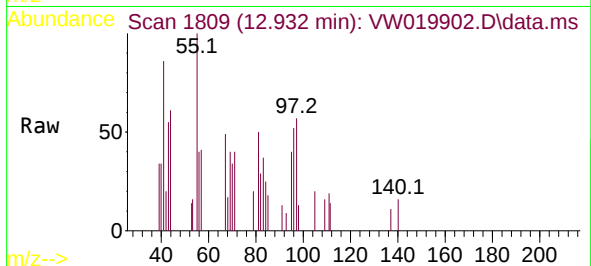




#62
1,3,5-Trimethylbenzene
Concen: 0.784 ug/L
RT: 12.932 min Scan# 1809
Delta R.T. -0.012 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 75
Ion Ratio Lower Upper
105 100
120 0.0 39.0 58.6#



#71
Naphthalene
Concen: 1.490 ug/L
RT: 15.377 min Scan# 2210
Delta R.T. 0.012 min
Lab File: VW019902.D
Acq: 25 Aug 2021 18:24

Tgt Ion:128 Resp: 84
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 86.9 9.0 13.6#

