

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019948.D
 Acq On : 31 Aug 2021 11:01
 Operator : SY/VA
 Sample : M3579-18
 Misc : 5.72g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6C0

Quant Time: Sep 01 01:02:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

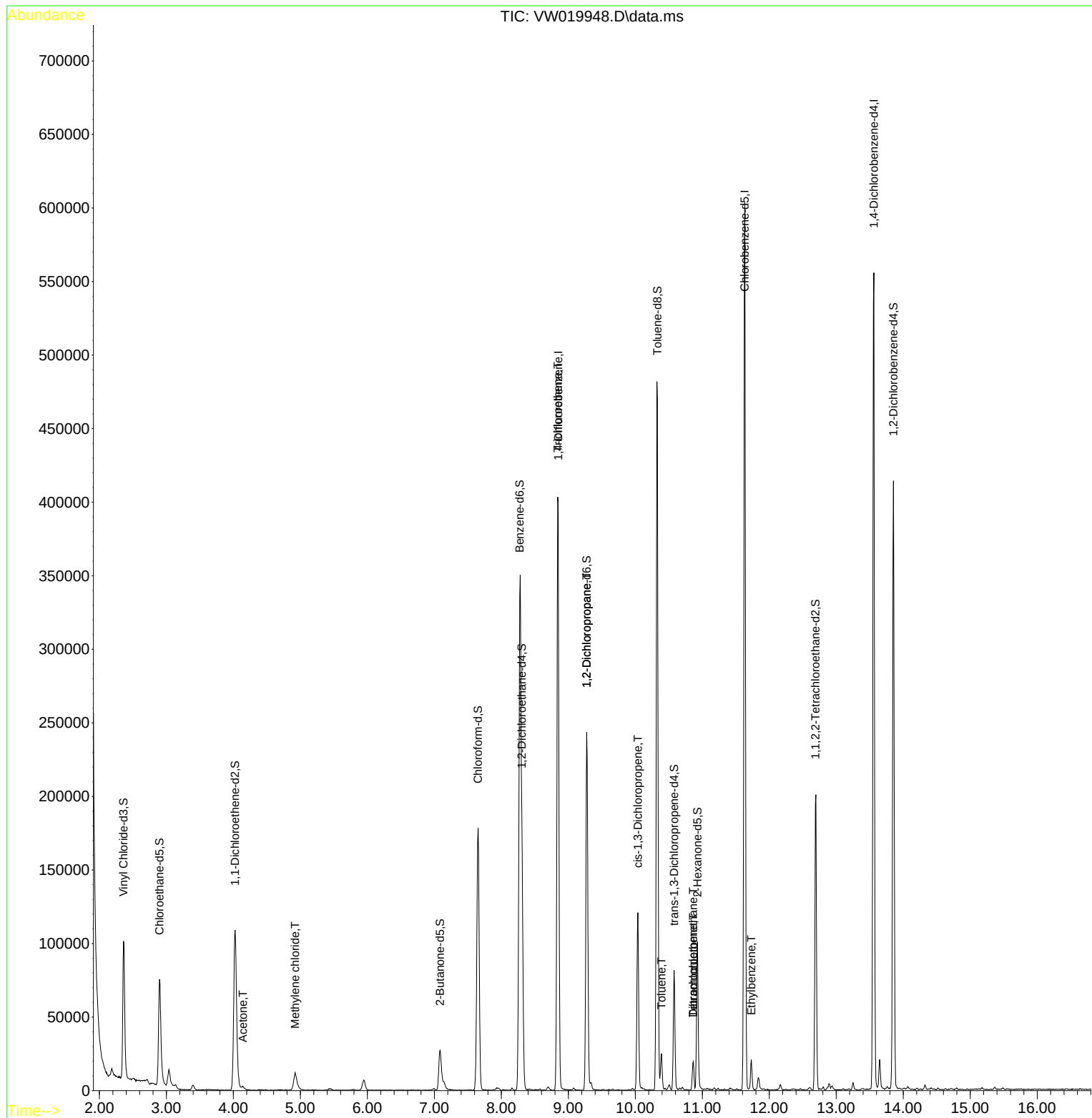
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	333503	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	334157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103269	19.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	2.898	69	96051	21.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.025	63	115787	12.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.640%
21) 2-Butanone-d5	7.086	46	45226	43.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.180%
24) Chloroform-d	7.653	84	182734	19.923	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.680%
26) 1,2-Dichloroethane-d4	8.305	65	105122	21.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.080%
32) Benzene-d6	8.275	84	359037	18.844	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.360%
36) 1,2-Dichloropropane-d6	9.275	67	112239	19.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.800%
41) Toluene-d8	10.329	98	312897	17.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.680%
43) trans-1,3-Dichloroprop...	10.579	79	43855	18.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.600%
47) 2-Hexanone-d5	10.927	63	33095	41.174	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	99416	21.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	104346	21.525	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.080%
Target Compounds						
13) Acetone	4.141	43	4266	4.761	ug/L	79
16) Methylene chloride	4.922	84	8989	1.570	ug/L	95
34) Trichloroethene	8.842	95	10147	1.903	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	12900	2.540	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3087	0.413	ug/L #	58
42) Toluene	10.390	91	16926	0.779	ug/L	97
46) Tetrachloroethene	10.866	164	3831	0.949	ug/L #	78
49) Dibromochloromethane	10.866	129	3885	0.924	ug/L #	13
52) Ethylbenzene	11.731	91	12481	0.534	ug/L	99

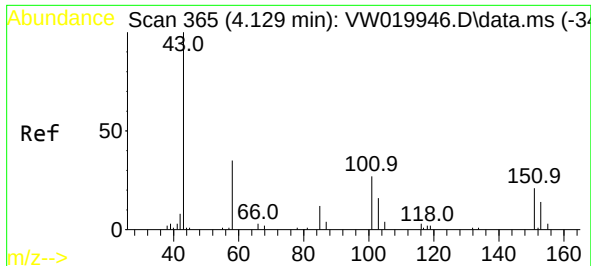
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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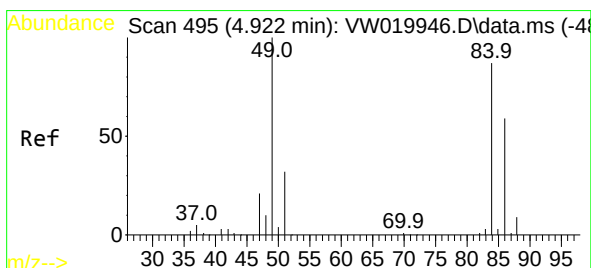
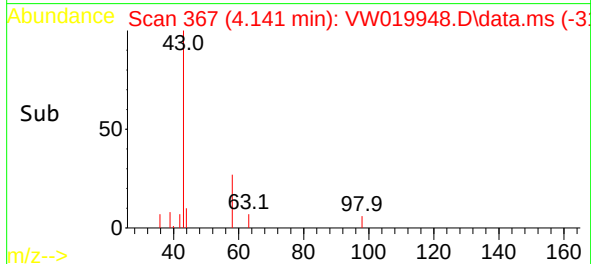
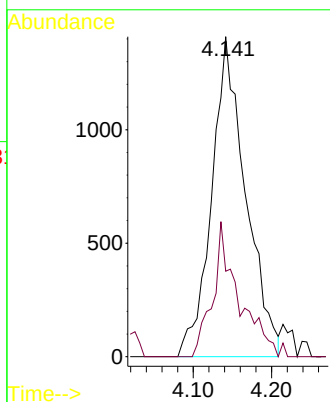
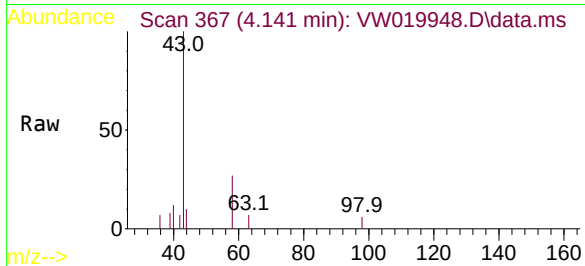




#13
Acetone
Concen: 4.761 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

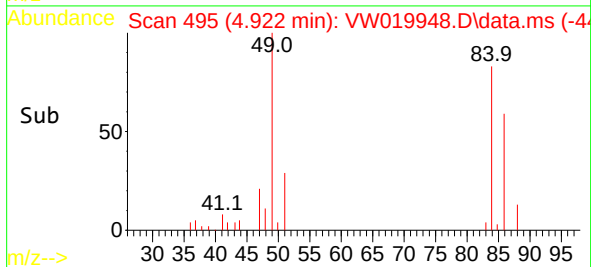
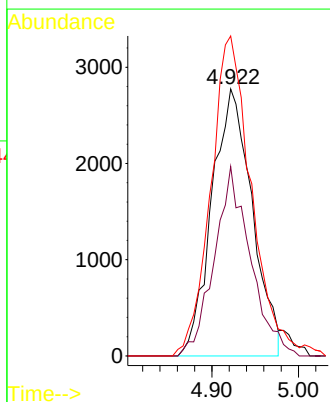
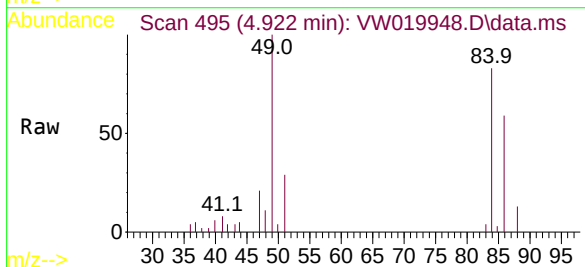
Instrument :
MSVOA_W
ClientSampled :
GB6C0

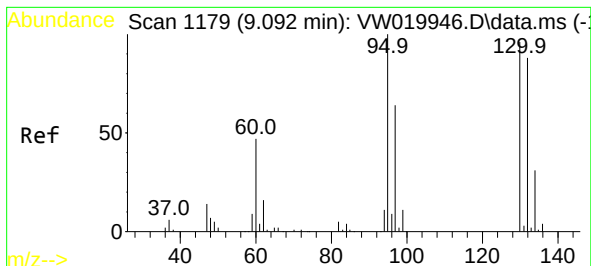
Tgt Ion: 43 Resp: 4266
Ion Ratio Lower Upper
43 100
58 16.0 0.0 53.8



#16
Methylene chloride
Concen: 1.570 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

Tgt Ion: 84 Resp: 8989
Ion Ratio Lower Upper
84 100
86 70.9 45.3 84.1
49 119.9 86.6 160.8

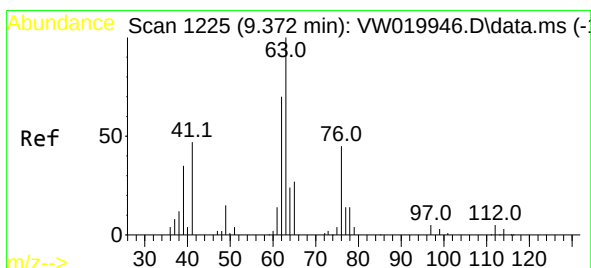
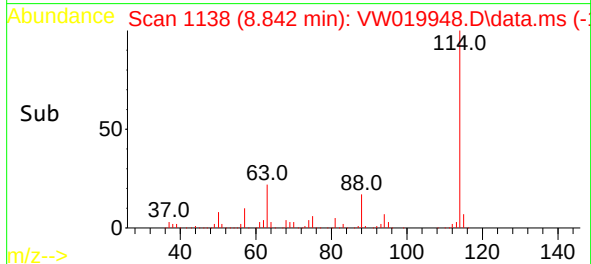
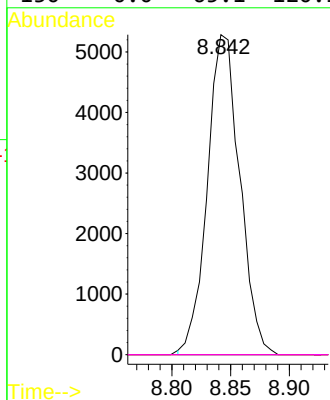
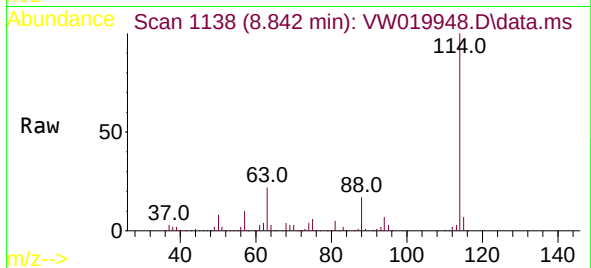




#34
Trichloroethene
Concen: 1.903 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

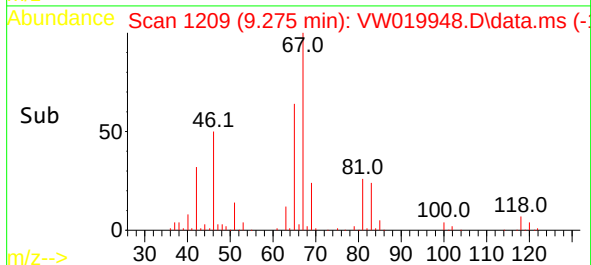
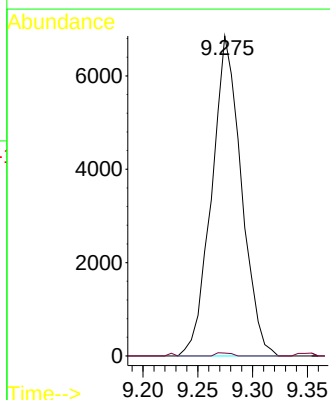
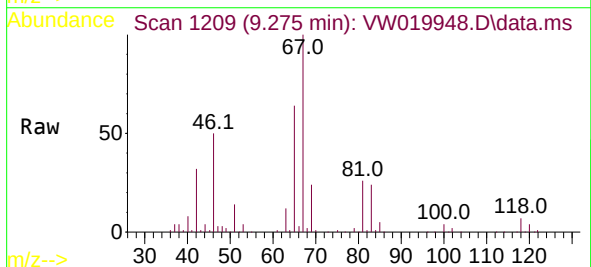
Instrument :
MSVOA_W
ClientSampled :
GB6C0

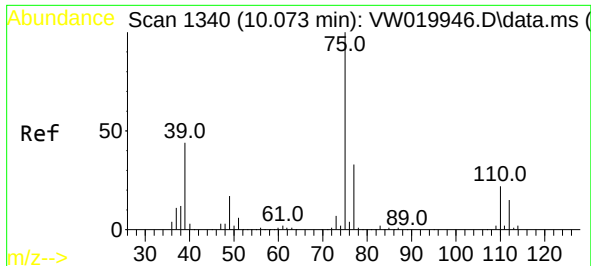
Tgt Ion: 95 Resp: 10147
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#



#37
1,2-Dichloropropane
Concen: 2.540 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

Tgt Ion: 63 Resp: 12900
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#

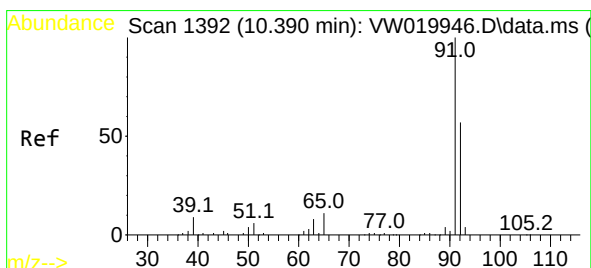
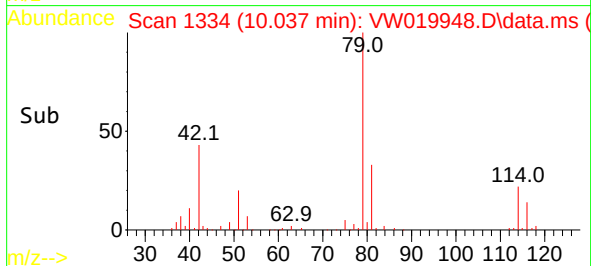
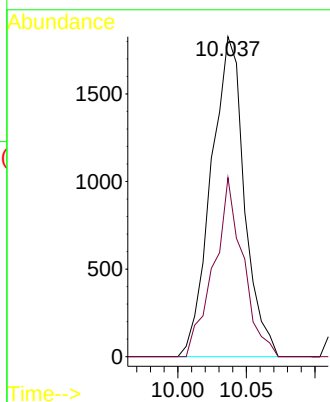
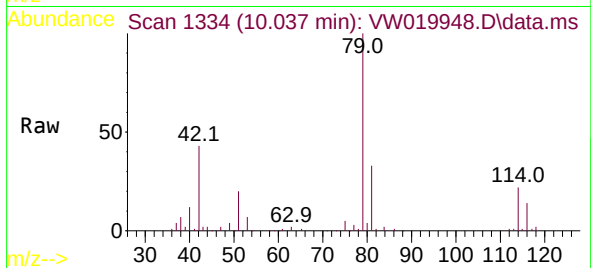




#39
cis-1,3-Dichloropropene
Concen: 0.413 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

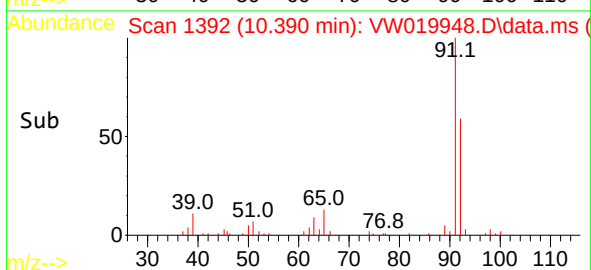
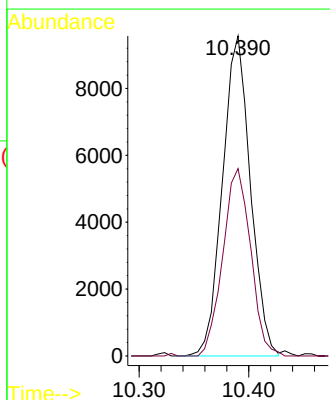
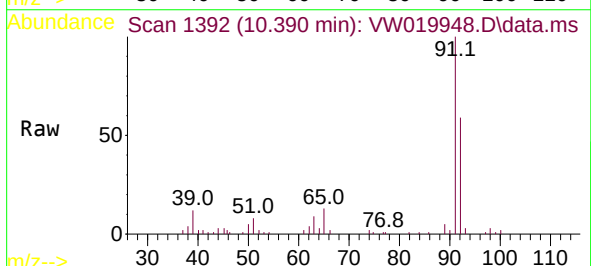
Instrument :
MSVOA_W
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GB6C0

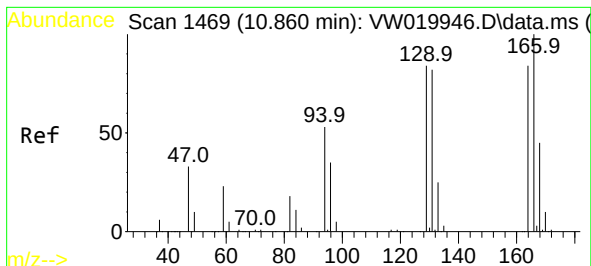
Tgt Ion: 75 Resp: 3087
Ion Ratio Lower Upper
75 100
77 55.9 22.6 42.0#



#42
Toluene
Concen: 0.779 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

Tgt Ion: 91 Resp: 16926
Ion Ratio Lower Upper
91 100
92 58.5 39.5 73.3

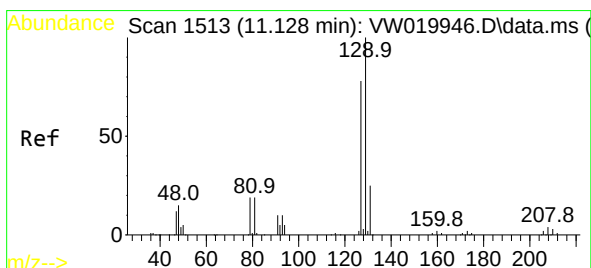
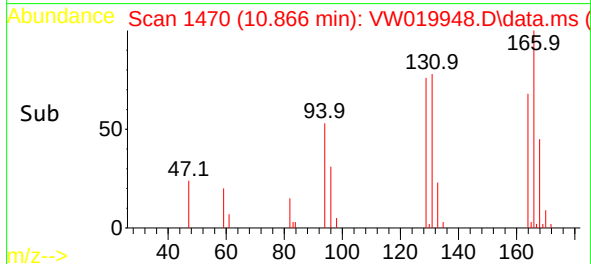
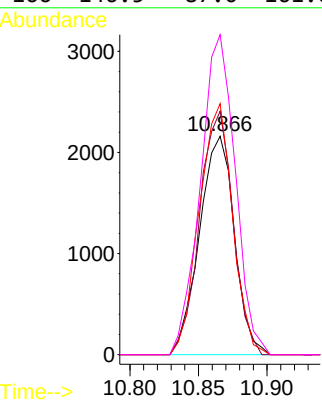
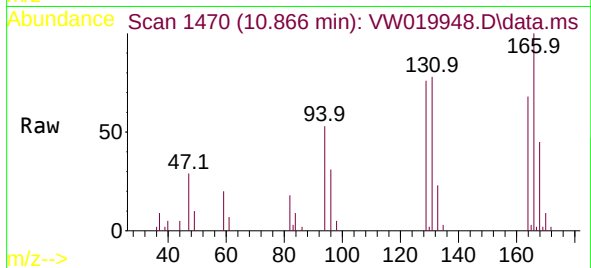




#46
Tetrachloroethene
Concen: 0.949 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

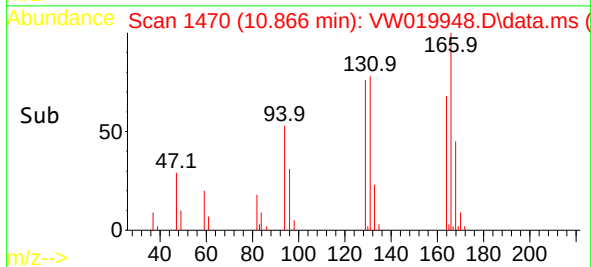
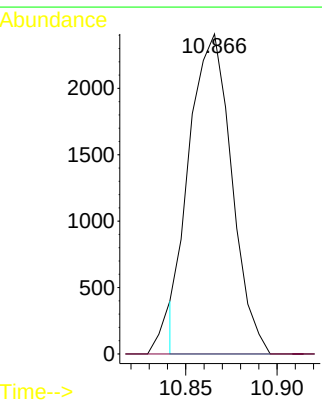
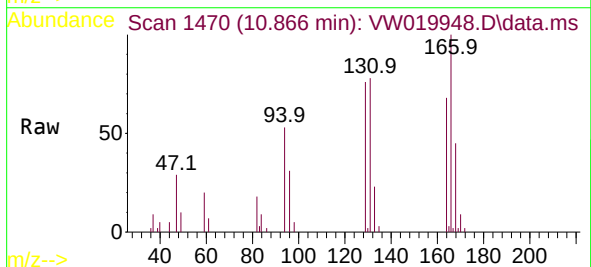
Instrument :
MSVOA_W
ClientSampled :
GB6C0

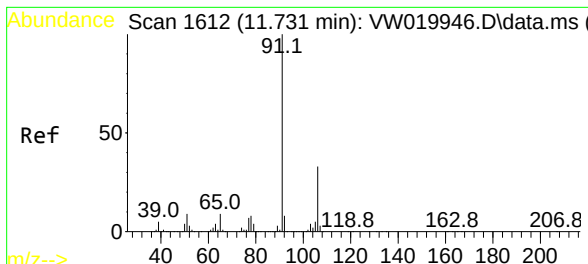
Tgt Ion:164 Resp: 3831
Ion Ratio Lower Upper
164 100
129 111.5 66.7 123.9
131 115.0 61.1 113.5#
166 146.5 87.0 161.6



#49
Dibromochloromethane
Concen: 0.924 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

Tgt Ion:129 Resp: 3885
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#





#52
Ethylbenzene
Concen: 0.534 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019948.D
Acq: 31 Aug 2021 11:01

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 91 Resp: 12481
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.7

