

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019955.D
 Acq On : 31 Aug 2021 13:55
 Operator : SY/VA
 Sample : M3579-15
 Misc : 6.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B7

Quant Time: Sep 01 01:04:32 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)

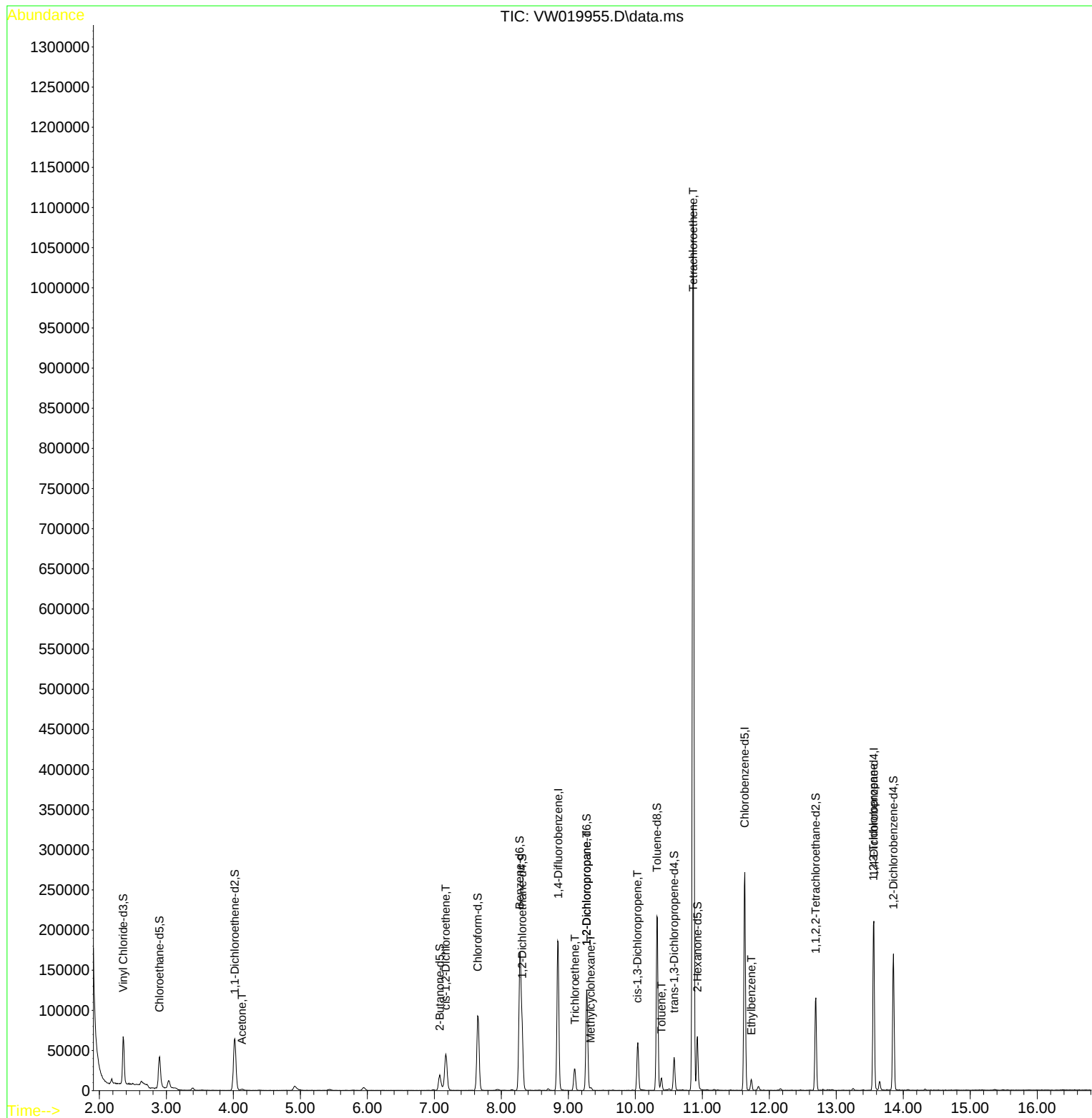
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	155029	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150489	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	53658	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	54918	22.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
7) Chloroethane-d5	2.898	69	48595	23.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	4.019	63	62114	14.902	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.600%
21) 2-Butanone-d5	7.080	46	30048	61.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.180%
24) Chloroform-d	7.647	84	95044	22.292	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	8.311	65	57626	25.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.320%
32) Benzene-d6	8.275	84	178129	20.760	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	9.275	67	58366	22.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.323	98	145841	18.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	10.579	79	23018	21.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.760%
47) 2-Hexanone-d5	10.927	63	22735	62.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.620%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	56716	26.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	43783	23.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						Qvalue
13) Acetone	4.129	43	1613	3.873	ug/L	78
20) cis-1,2-Dichloroethene	7.171	96	27042	12.114	ug/L	96
34) Trichloroethene	9.098	95	9920	4.131	ug/L	91
35) Methylcyclohexane	9.336	83	1075	0.261	ug/L #	85
37) 1,2-Dichloropropane	9.275	63	6539	2.859	ug/L #	87
39) cis-1,3-Dichloropropene	10.031	75	1506	0.447	ug/L #	65
42) Toluene	10.390	91	10698	1.093	ug/L	99
46) Tetrachloroethene	10.866	164	247487	136.071	ug/L	97
52) Ethylbenzene	11.731	91	9026	0.857	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	7113	6.761	ug/L #	60

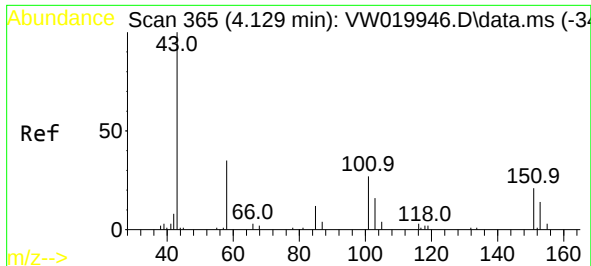
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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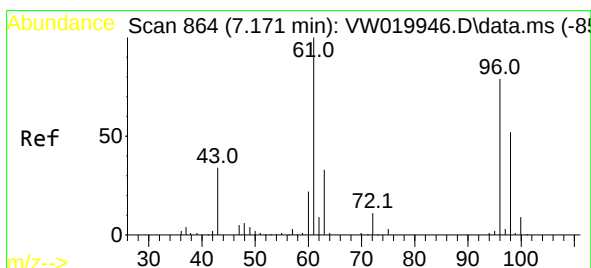
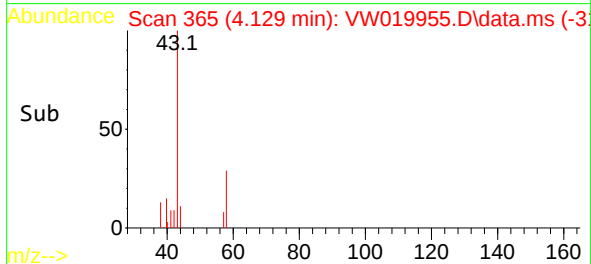
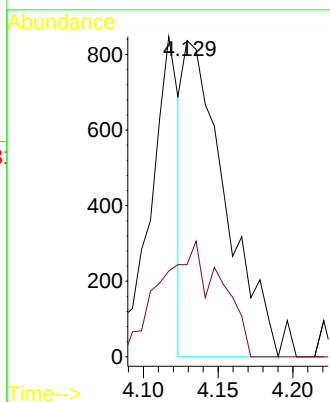
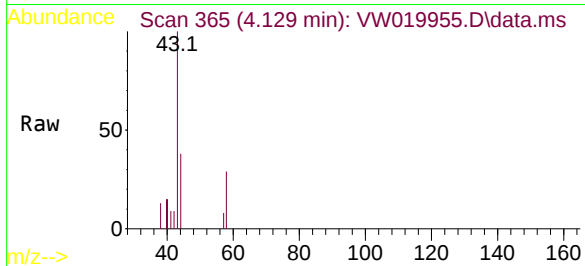




#13
Acetone
Concen: 3.873 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

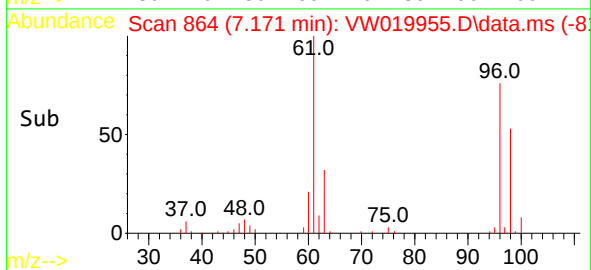
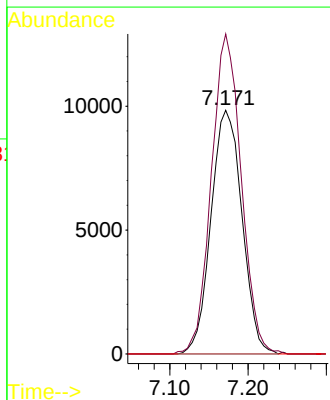
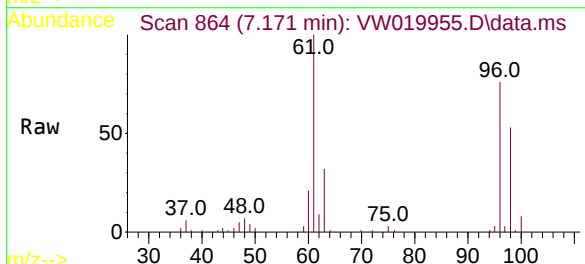
Instrument :
MSVOA_W
ClientSampled :
GB6B7

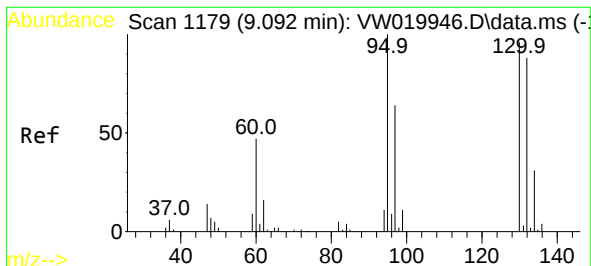
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 38.1 0.0 53.8



#20
cis-1,2-Dichloroethene
Concen: 12.114 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

Tgt Ion: 96 Resp: 27042
Ion Ratio Lower Upper
96 100
61 131.4 88.5 164.3
68 0.0 0.0 0.0



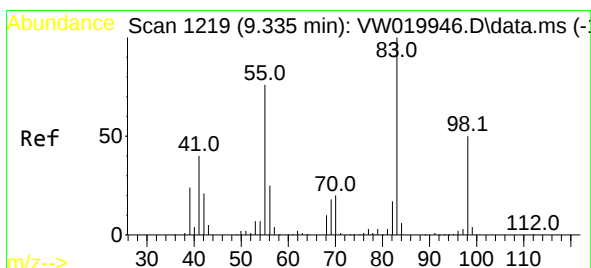
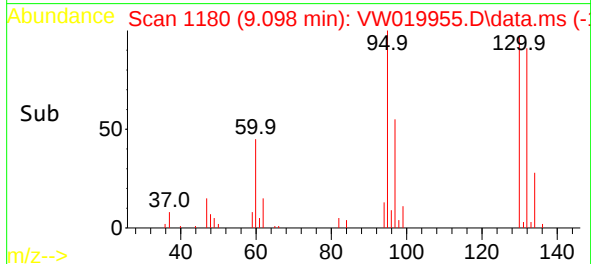
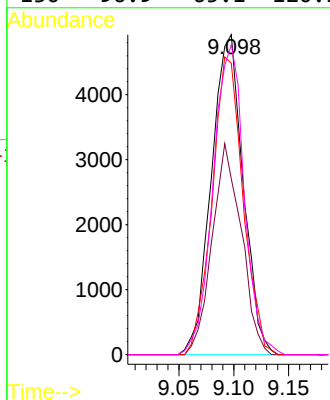
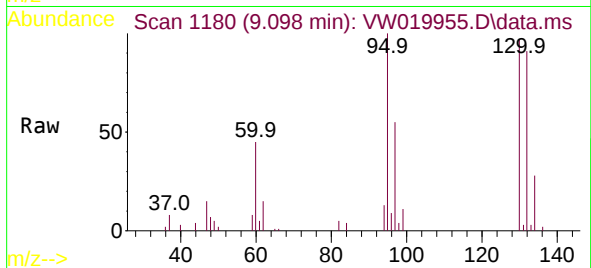


#34
Trichloroethene
Concen: 4.131 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

Instrument :
MSVOA_W
ClientSampled :
GB6B7

Tgt Ion: 95 Resp: 9920

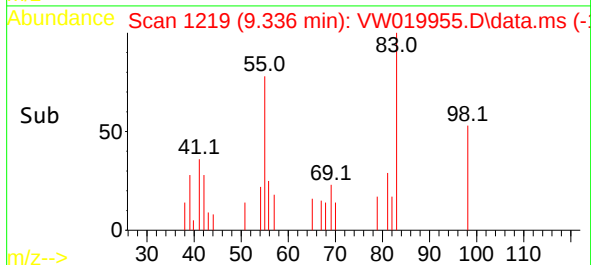
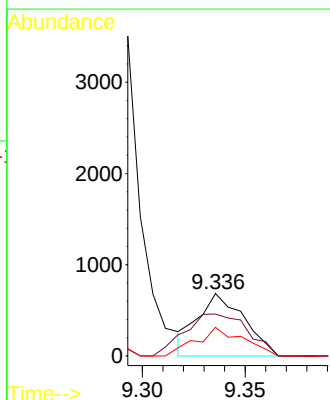
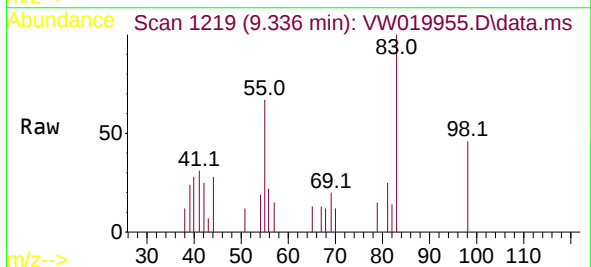
Ion	Ratio	Lower	Upper
95	100		
97	54.9	47.3	87.8
132	91.1	71.0	131.8
130	96.9	65.1	120.9

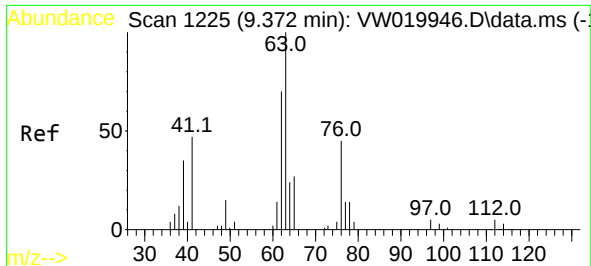


#35
Methylcyclohexane
Concen: 0.261 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

Tgt Ion: 83 Resp: 1075

Ion	Ratio	Lower	Upper
83	100		
55	91.4	58.9	88.3#
98	46.4	40.1	60.1

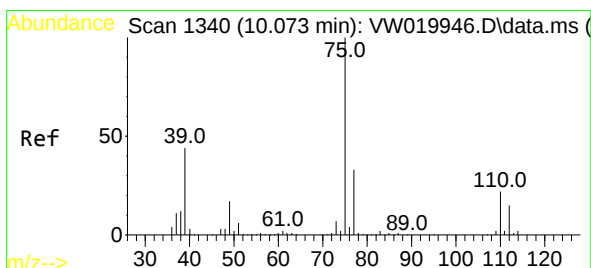
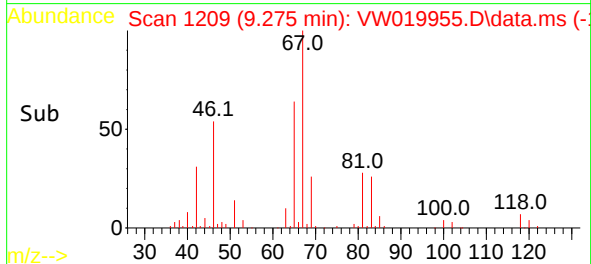
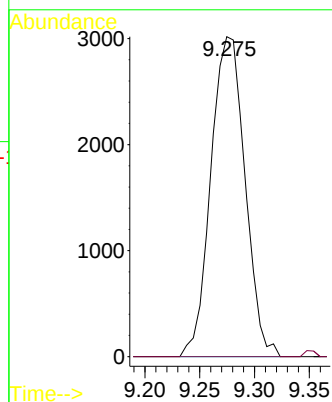
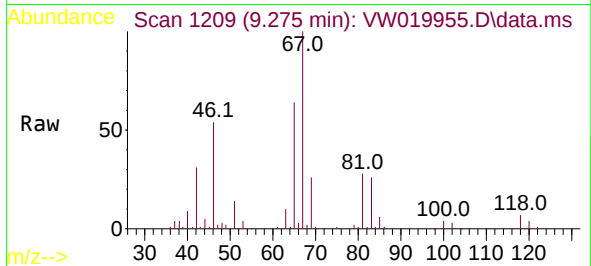




#37
1,2-Dichloropropane
Concen: 2.859 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

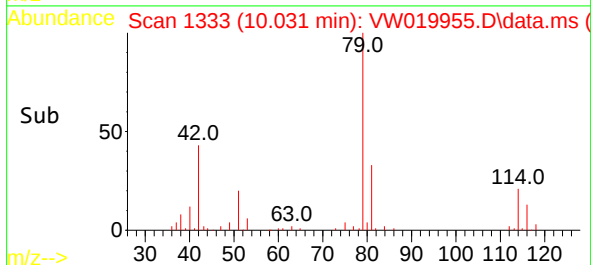
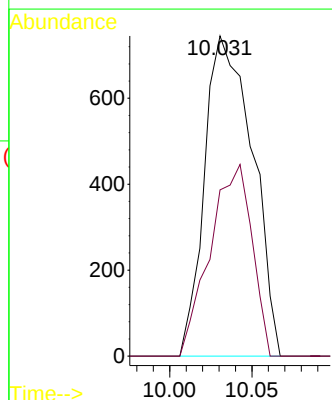
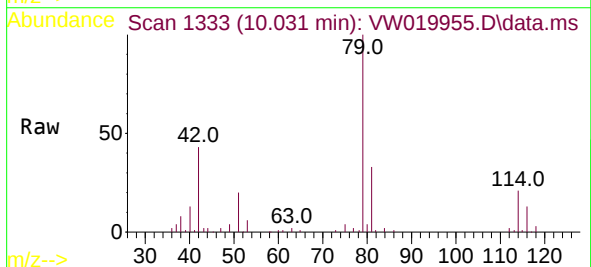
Instrument :
MSVOA_W
ClientSampled :
GB6B7

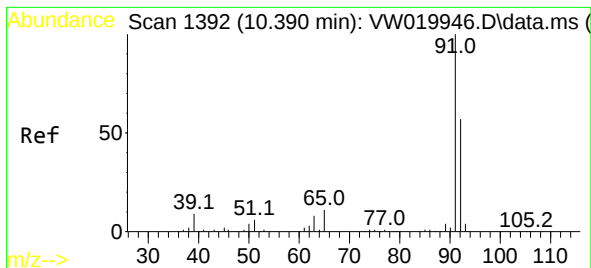
Tgt Ion: 63 Resp: 6539
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.447 ug/L
RT: 10.031 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

Tgt Ion: 75 Resp: 1506
Ion Ratio Lower Upper
75 100
77 51.9 22.6 42.0#





#42

Toluene

Concen: 1.093 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW019955.D

Acq: 31 Aug 2021 13:55

Tgt Ion: 91 Resp: 10698

Ion Ratio Lower Upper

91 100

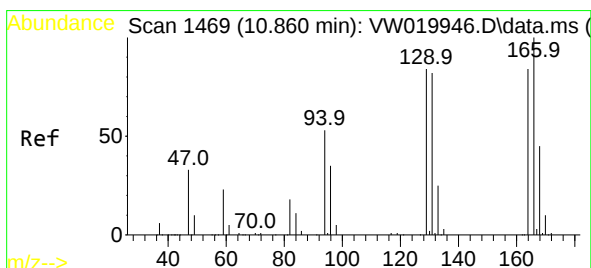
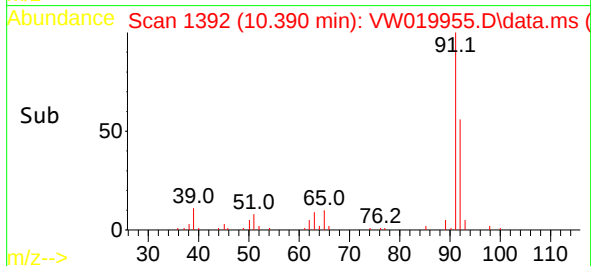
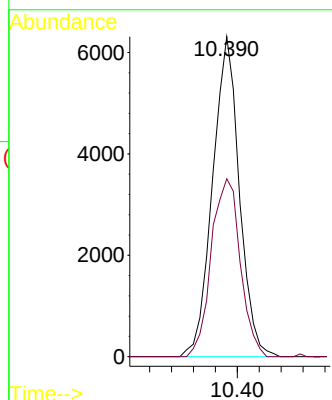
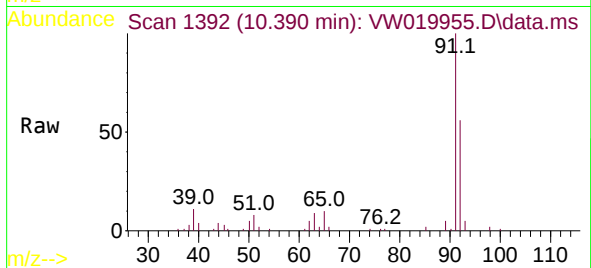
92 55.6 39.5 73.3

Instrument :

MSVOA_W

ClientSampleId :

GB6B7



#46

Tetrachloroethene

Concen: 136.071 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW019955.D

Acq: 31 Aug 2021 13:55

Tgt Ion:164 Resp: 247487

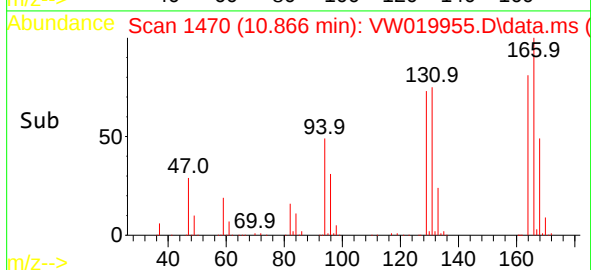
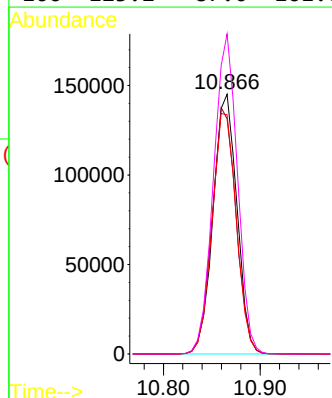
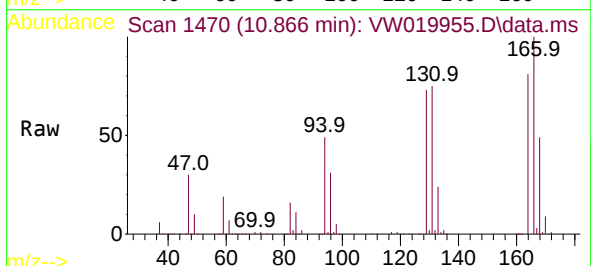
Ion Ratio Lower Upper

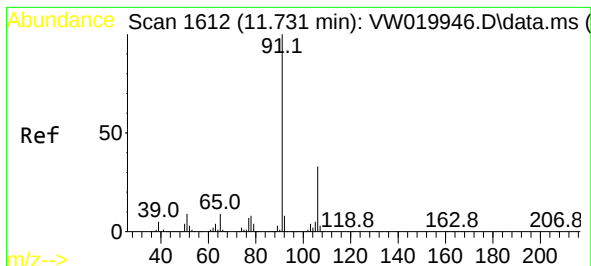
164 100

129 90.5 66.7 123.9

131 92.1 61.1 113.5

166 123.2 87.0 161.6

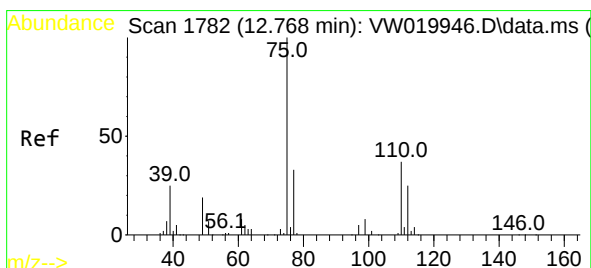
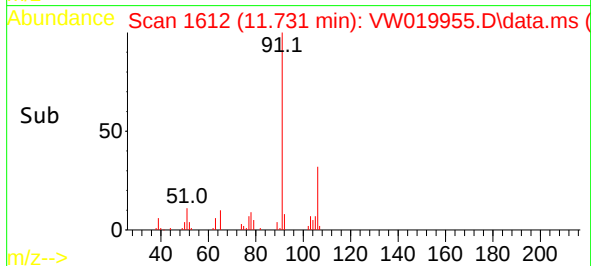
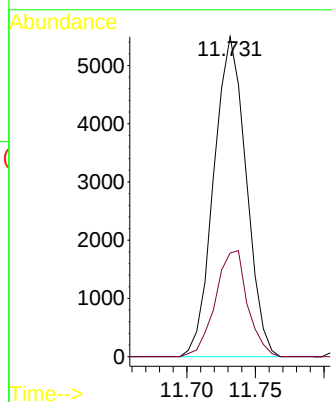
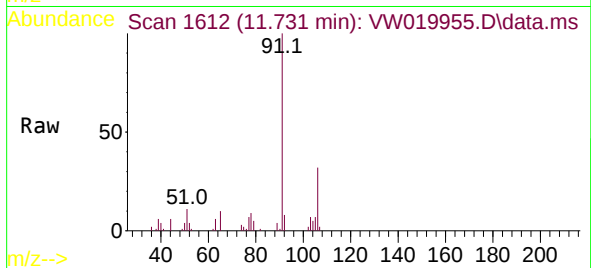




#52
Ethylbenzene
Concen: 0.857 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

Instrument :
MSVOA_W
ClientSampled :
GB6B7

Tgt Ion: 91 Resp: 9026
Ion Ratio Lower Upper
91 100
106 32.4 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.761 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW019955.D
Acq: 31 Aug 2021 13:55

Tgt Ion: 75 Resp: 7113
Ion Ratio Lower Upper
75 100
77 38.3 25.3 37.9#
110 1.9 32.6 48.8#

