

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020350.D
 Acq On : 07 Oct 2021 06:39
 Operator : SY/VA
 Sample : M4000-17
 Misc : 7.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 07:55:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	350905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	311897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107579	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
7) Chloroethane-d5	2.879	69	46207	22.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	4.123	63	94	0.009	ug/L	0.10
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.086	46	51859	42.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.420%
24) Chloroform-d	7.653	84	214500	21.289	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	8.305	65	116594	21.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.274	84	440389	23.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.274	67	141299	23.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.360%
41) Toluene-d8	10.323	98	390644	22.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.360%
43) trans-1,3-Dichloroprop...	10.579	79	50456	20.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.926	63	39562	47.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	80639	19.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	102031	21.892	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.560%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	23974	3.750	ug/L #	60
13) Acetone	4.135	43	14637	11.589	ug/L	99
14) Carbon disulfide	4.385	76	34329	2.139	ug/L	98
16) Methylene chloride	4.921	84	20096	3.207	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	1685	0.330	ug/L	82
20) cis-1,2-Dichloroethene	7.171	96	56390	10.788	ug/L	99
22) 2-Butanone	7.189	43	4197	2.703	ug/L	82
29) Cyclohexane	7.957	56	5233	0.564	ug/L	98
34) Trichloroethene	9.098	95	85369	15.999	ug/L	95
38) Bromodichloromethane	9.616	83	4742	0.720	ug/L #	34
39) cis-1,3-Dichloropropene	10.036	75	3939	0.515	ug/L #	73
42) Toluene	10.396	91	7440	0.341	ug/L	94
45) 1,1,2-Trichloroethane	10.762	97	34343	10.046	ug/L #	24
46) Tetrachloroethene	10.859	164	1308	0.333	ug/L	94
48) 2-Hexanone	10.933	43	287470	133.496	ug/L #	29
57) 1,1,2,2-Tetrachloroethane	12.701	83	8781	2.161	ug/L #	74
60) Isopropylbenzene	12.463	105	11833	0.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.206	75	2858	5.104	ug/L #	11

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Quant Time: Oct 07 07:55:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 07 05:04:04 2021
Response via : Initial Calibration

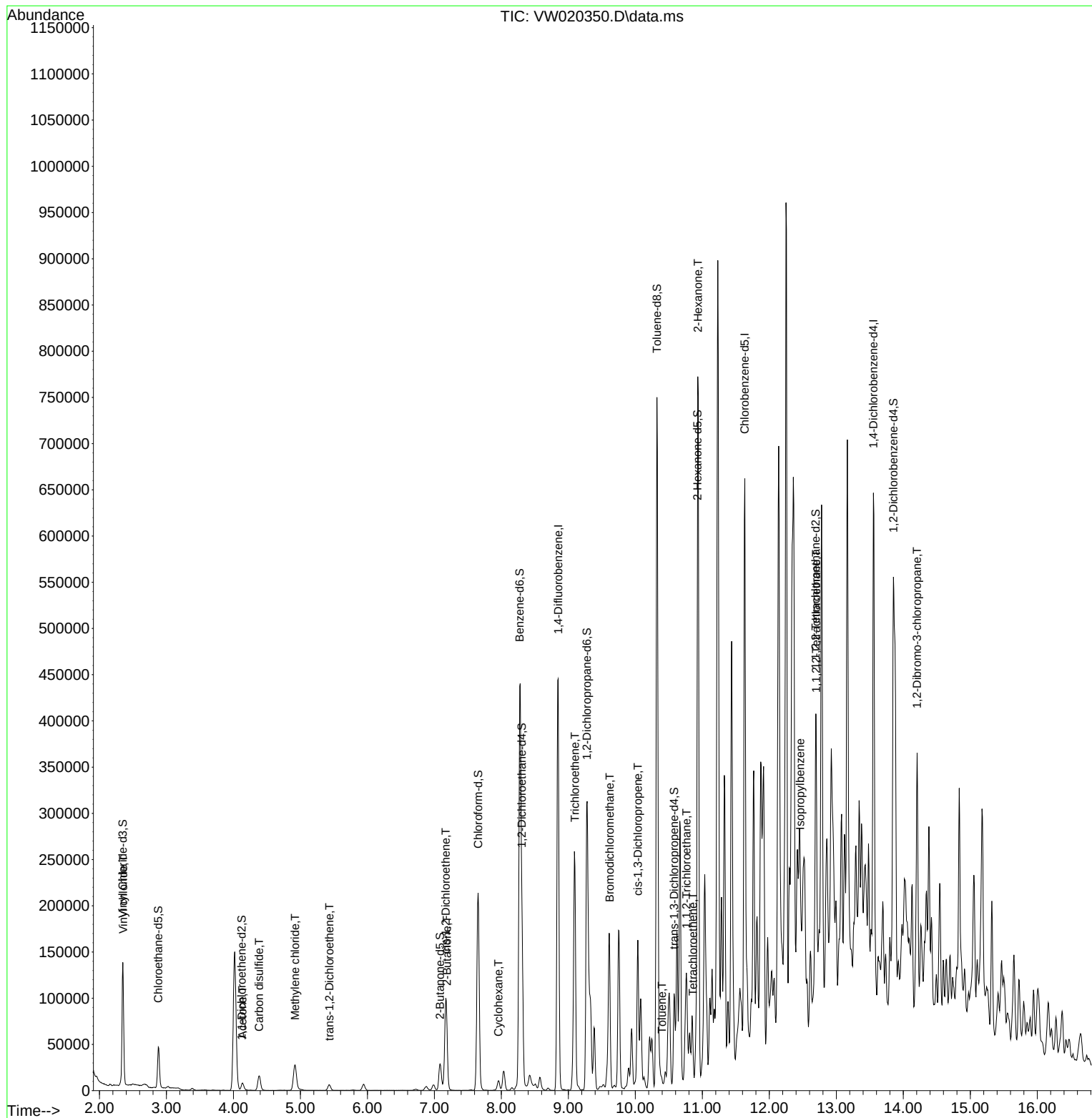
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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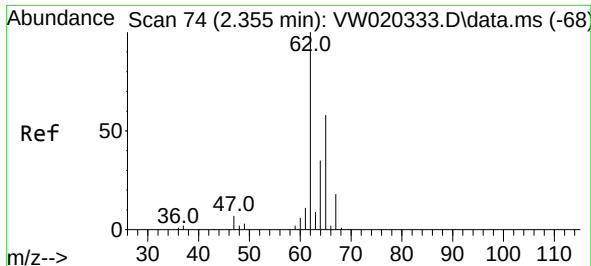
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
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Response via : Initial Calibration

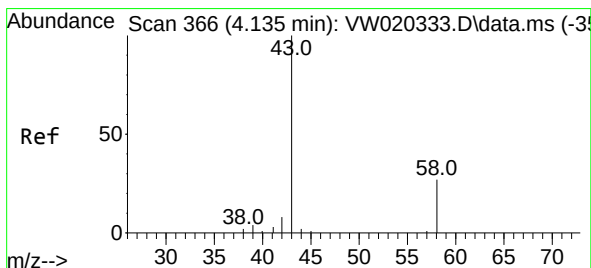
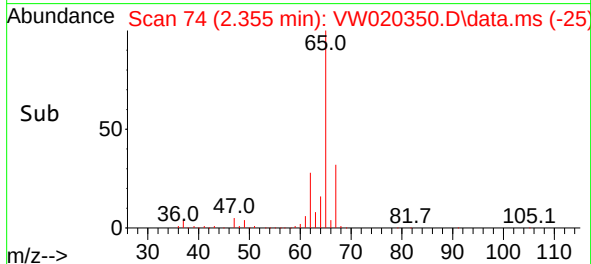
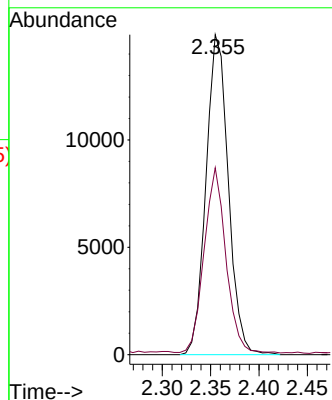
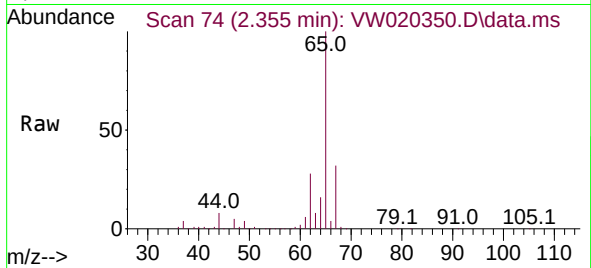




#5
 Vinyl chloride
 Concen: 3.750 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020350.D
 Acq: 07 Oct 2021 06:39

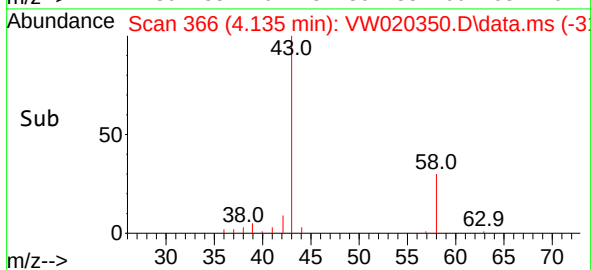
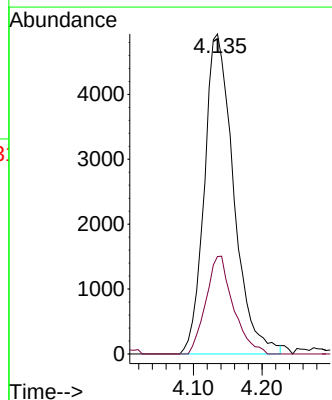
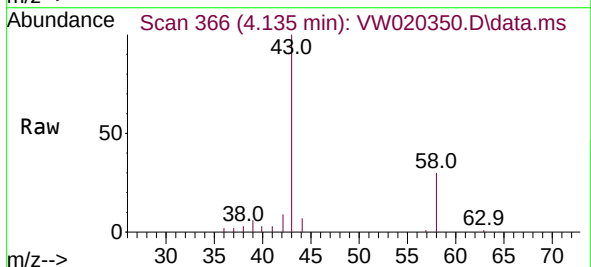
Instrument :
 MSVOA_W
 ClientSampled :

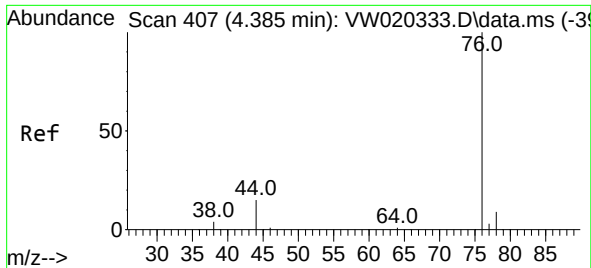
Tgt Ion: 62 Resp: 23974
 Ion Ratio Lower Upper
 62 100
 64 58.4 24.6 45.6#



#13
 Acetone
 Concen: 11.589 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. -0.000 min
 Lab File: VW020350.D
 Acq: 07 Oct 2021 06:39

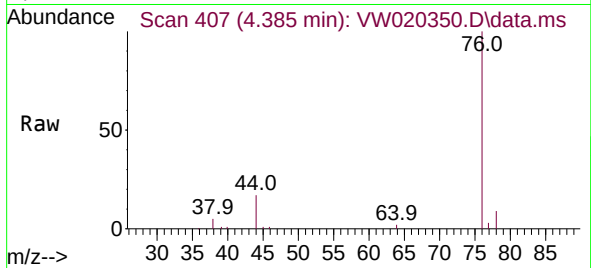
Tgt Ion: 43 Resp: 14637
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 58.4



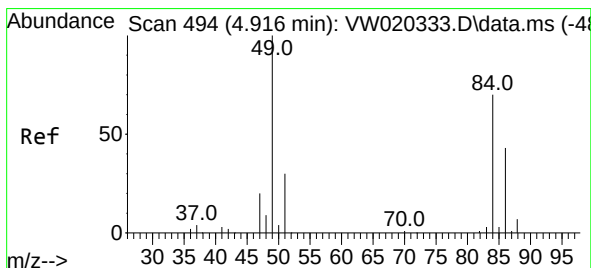
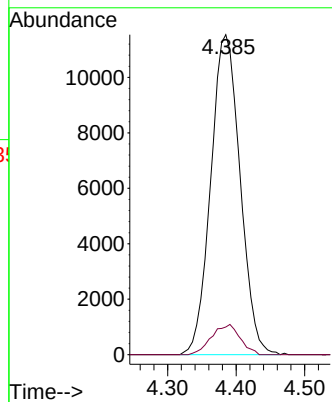
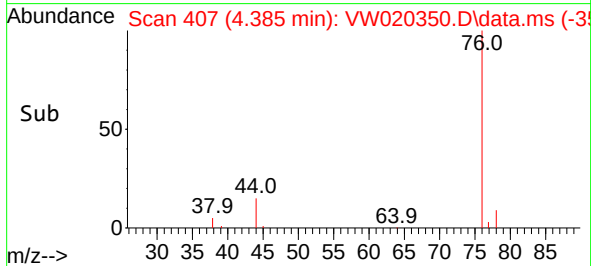


#14
Carbon disulfide
Concen: 2.139 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

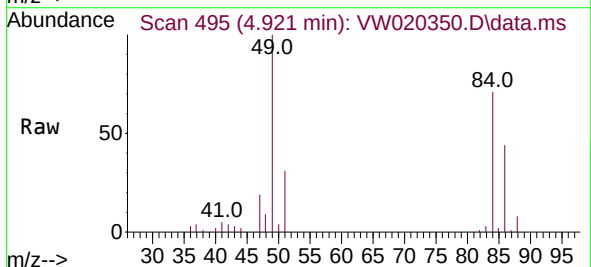
Instrument :
MSVOA_W
ClientSampled :



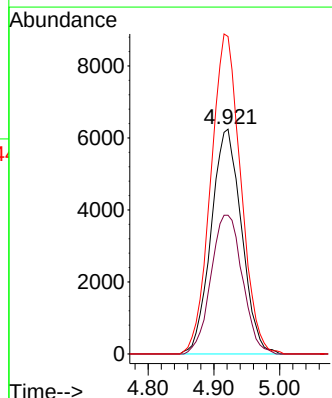
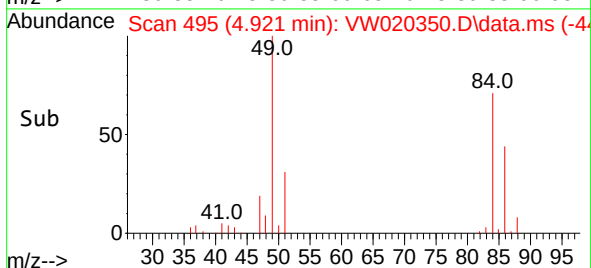
Tgt Ion: 76 Resp: 34329
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

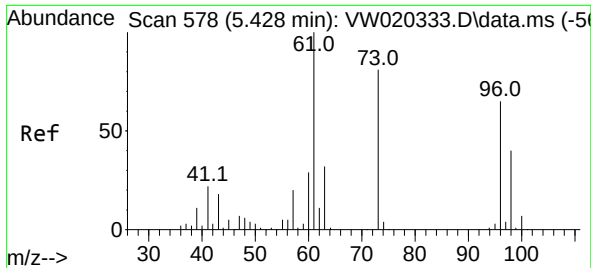


#16
Methylene chloride
Concen: 3.207 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39



Tgt Ion: 84 Resp: 20096
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 141.2 101.7 188.9

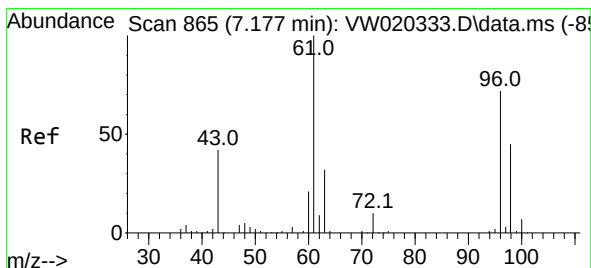
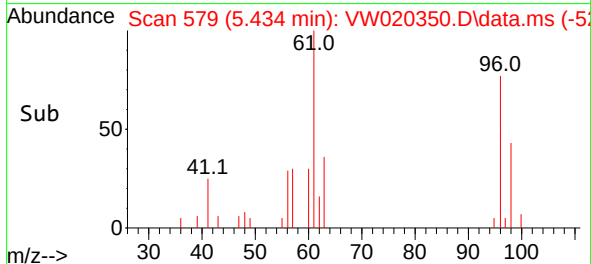
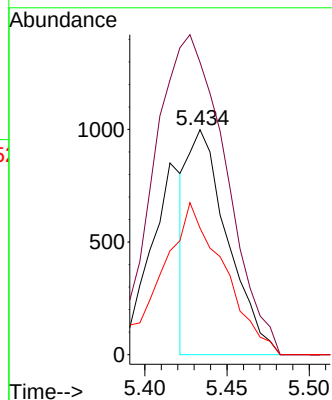
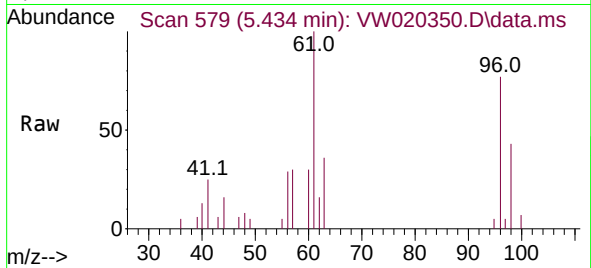




#17
trans-1,2-Dichloroethene
Concen: 0.330 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

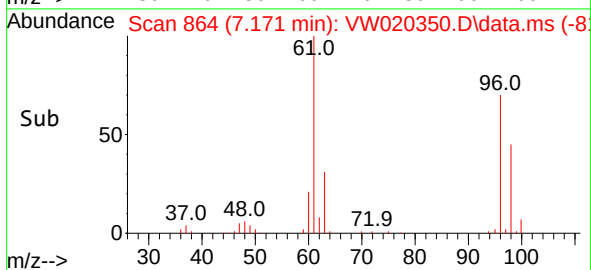
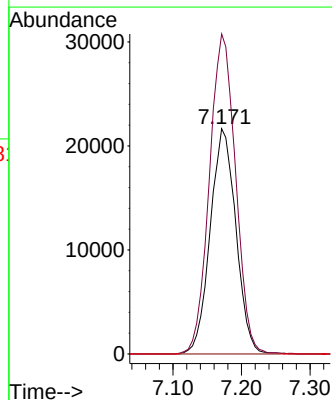
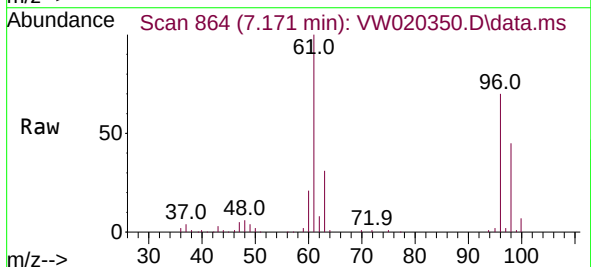
Instrument :
MSVOA_W
ClientSampled :

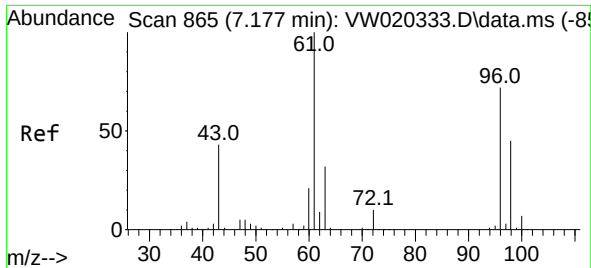
Tgt Ion: 96 Resp: 1685
Ion Ratio Lower Upper
96 100
61 129.9 110.7 205.5
98 56.3 43.9 81.5



#20
cis-1,2-Dichloroethene
Concen: 10.788 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 96 Resp: 56390
Ion Ratio Lower Upper
96 100
61 142.0 100.3 186.3
68 0.0 0.0 0.0

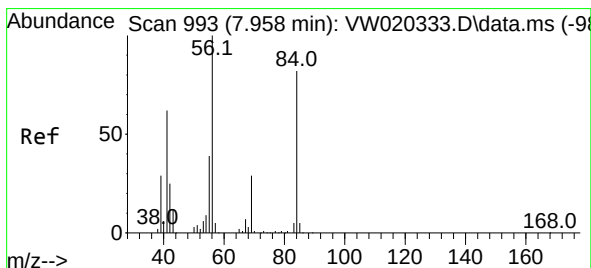
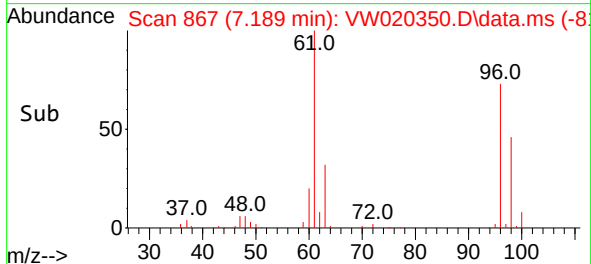
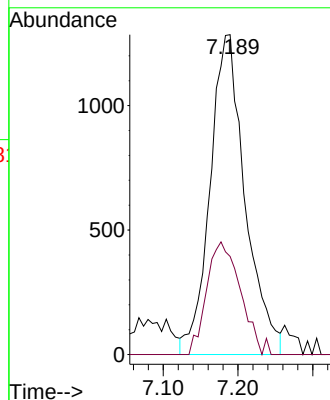
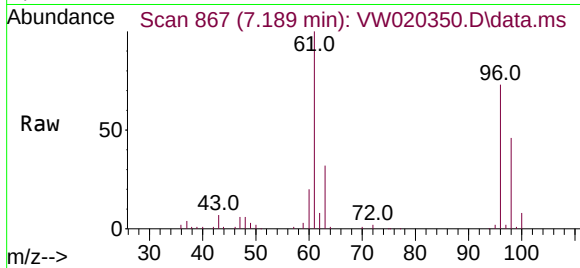




#22
2-Butanone
Concen: 2.703 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

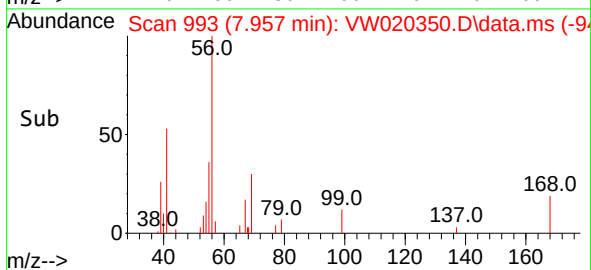
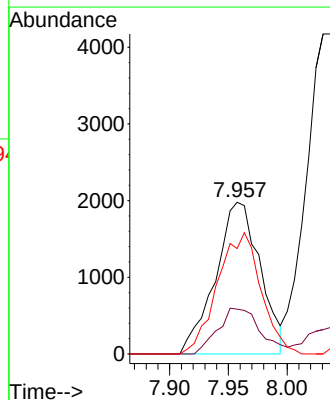
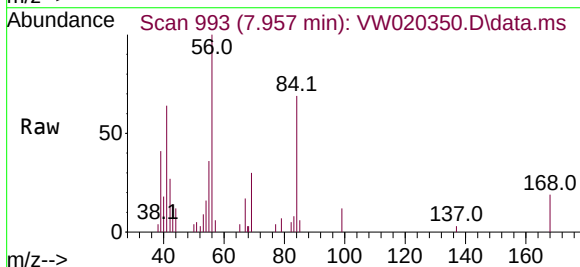
Instrument :
MSVOA_W
ClientSampled :

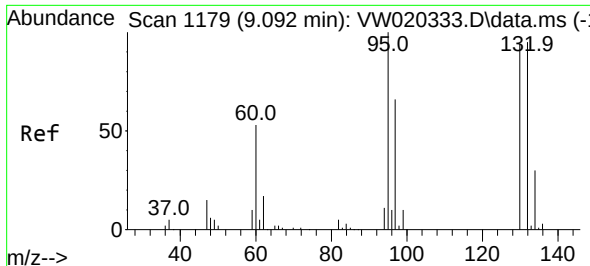
Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
72 33.4 12.2 36.6



#29
Cyclohexane
Concen: 0.564 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 56 Resp: 5233
Ion Ratio Lower Upper
56 100
69 28.7 23.2 34.8
84 77.6 63.7 95.5



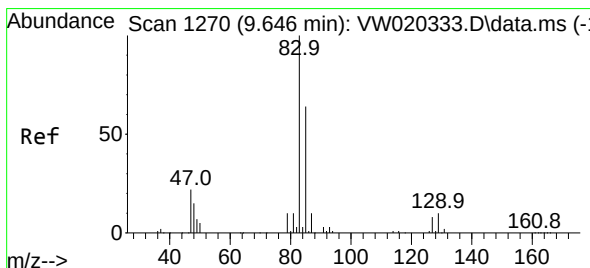
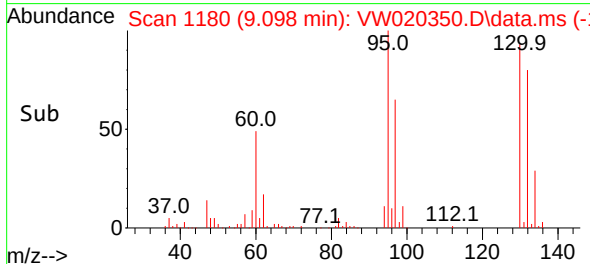
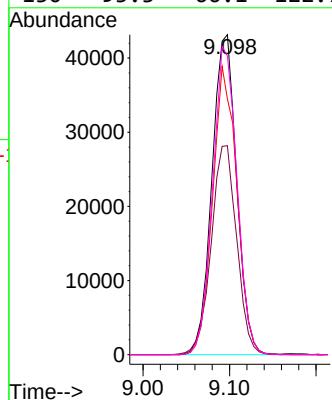
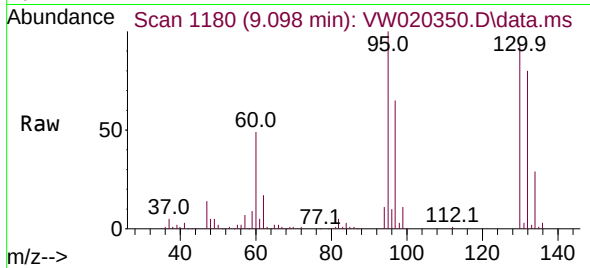


#34
Trichloroethene
Concen: 15.999 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 85369

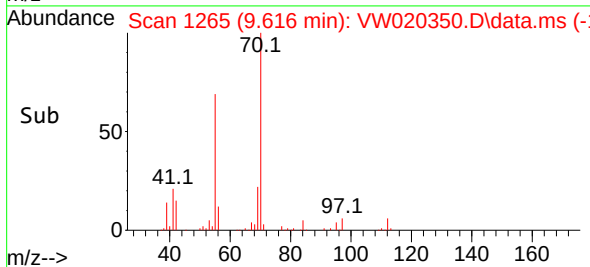
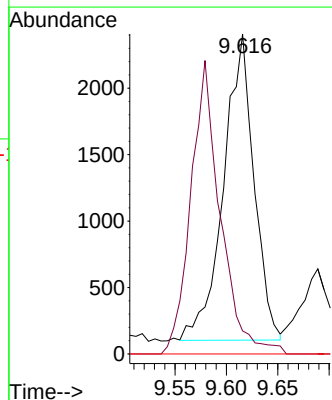
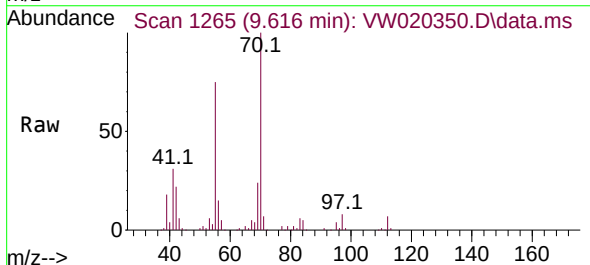
Ion	Ratio	Lower	Upper
95	100		
97	65.3	43.2	80.2
132	80.0	62.3	115.7
130	93.3	66.1	122.7

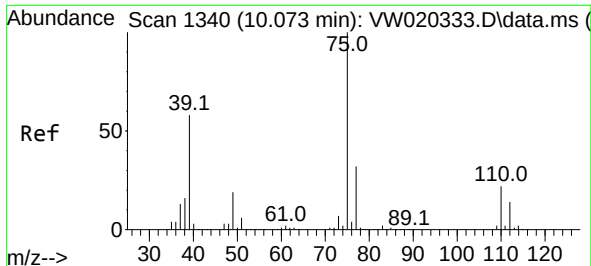


#38
Bromodichloromethane
Concen: 0.720 ug/L
RT: 9.616 min Scan# 1265
Delta R.T. -0.031 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 83 Resp: 4742

Ion	Ratio	Lower	Upper
83	100		
85	7.2	43.4	80.6#
127	0.0	6.2	9.2#

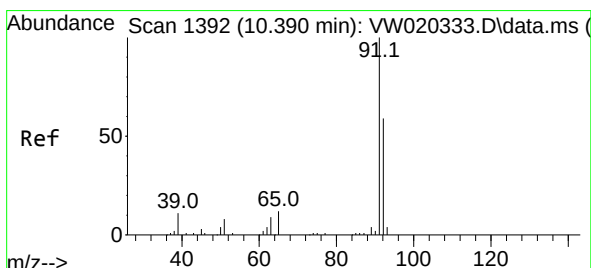
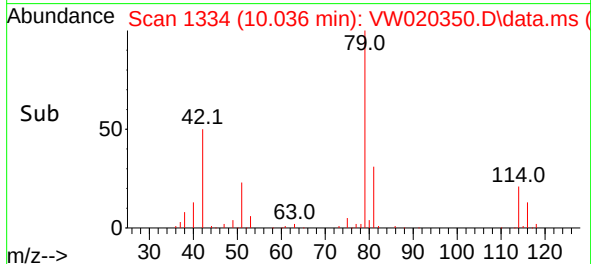
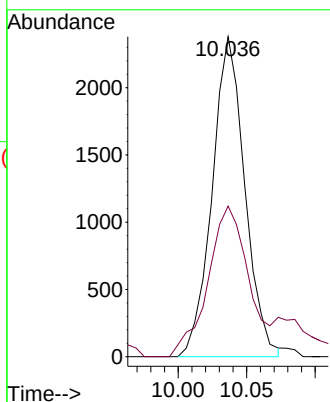
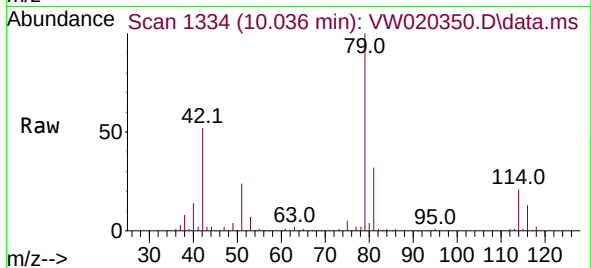




#39
cis-1,3-Dichloropropene
Concen: 0.515 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

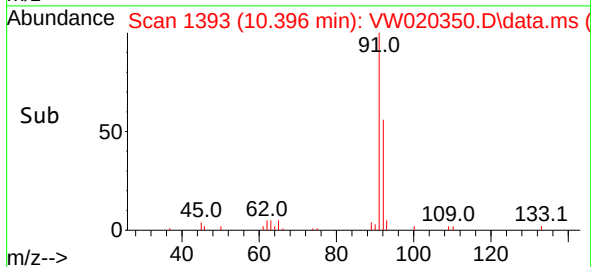
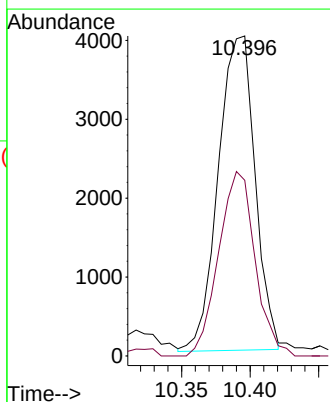
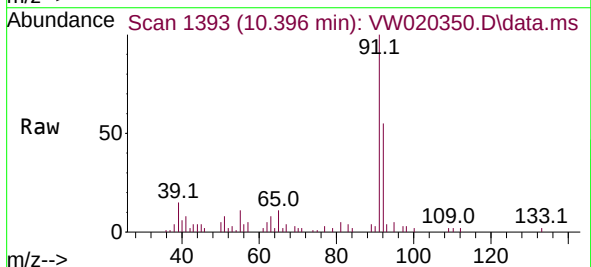
Instrument :
MSVOA_W
ClientSampled :

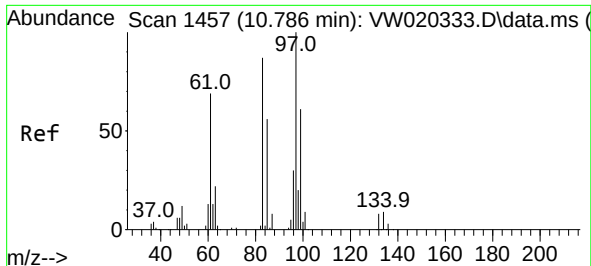
Tgt Ion: 75 Resp: 3939
Ion Ratio Lower Upper
75 100
77 47.1 22.4 41.6#



#42
Toluene
Concen: 0.341 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

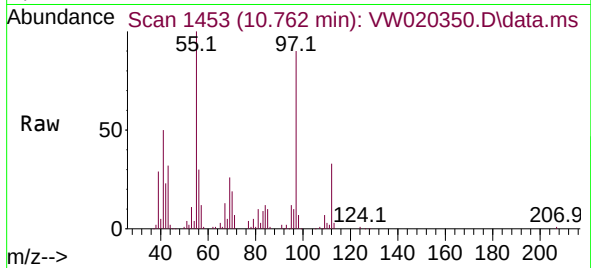
Tgt Ion: 91 Resp: 7440
Ion Ratio Lower Upper
91 100
92 54.9 41.5 77.1



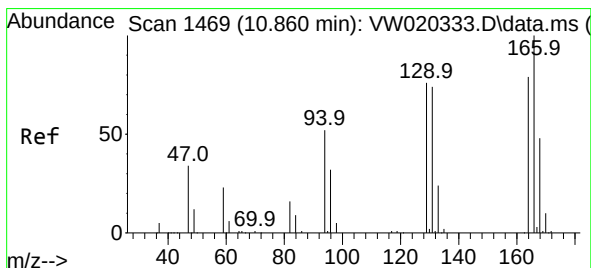
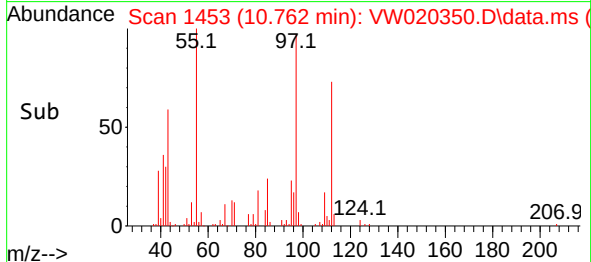
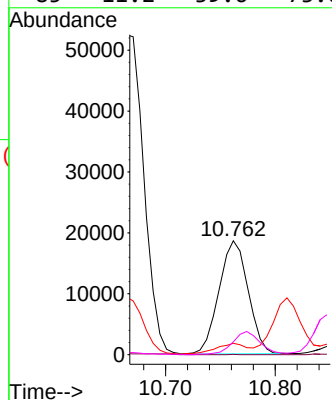


#45
1,1,2-Trichloroethane
Concen: 10.046 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.025 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Instrument :
MSVOA_W
ClientSampled :

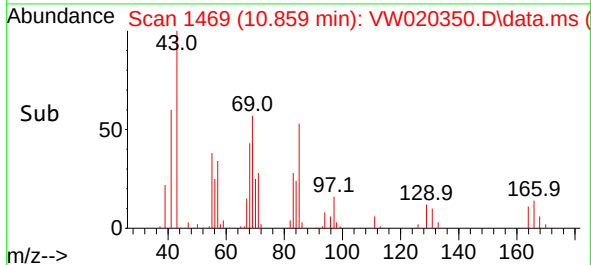
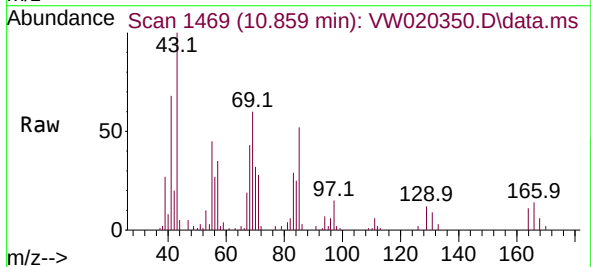
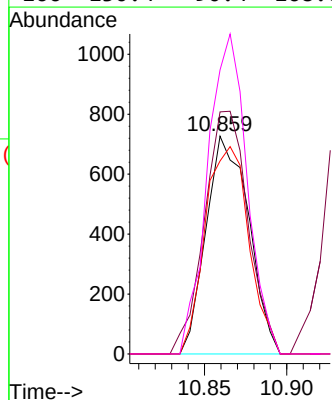


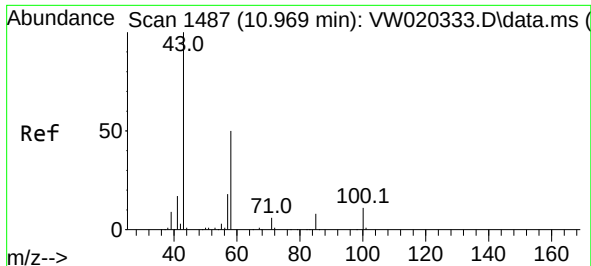
Tgt Ion: 97 Resp: 34343
Ion Ratio Lower Upper
97 100
99 0.3 42.8 79.4#
83 9.9 60.9 113.1#
85 11.2 39.6 73.6#



#46
Tetrachloroethene
Concen: 0.333 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

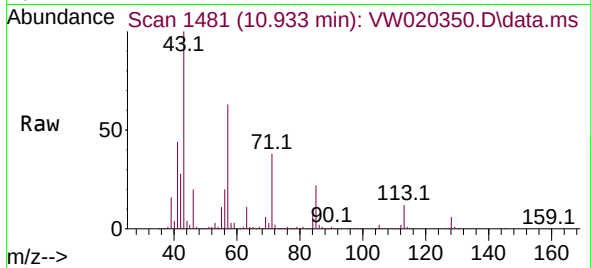
Tgt Ion: 164 Resp: 1308
Ion Ratio Lower Upper
164 100
129 111.1 69.1 128.3
131 88.6 58.3 108.3
166 130.4 90.4 168.0



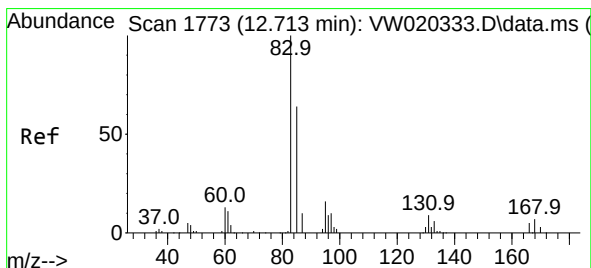
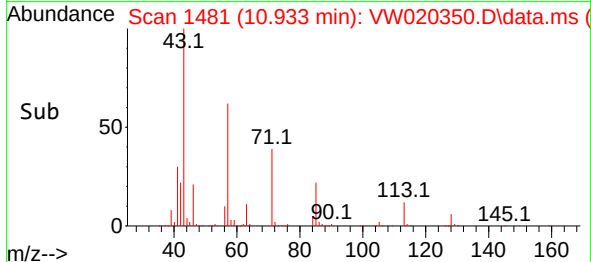
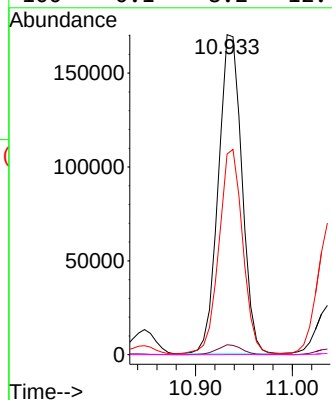


#48
2-Hexanone
Concen: 133.496 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Instrument :
MSVOA_W
ClientSampleId :

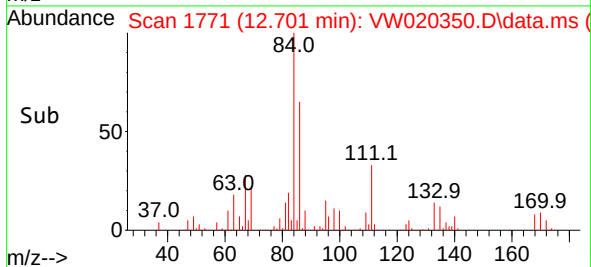
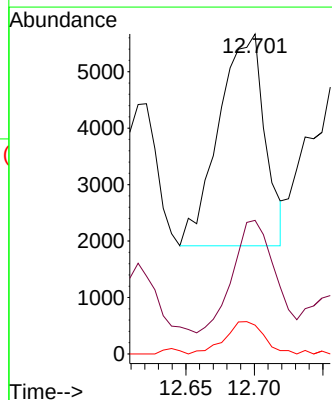
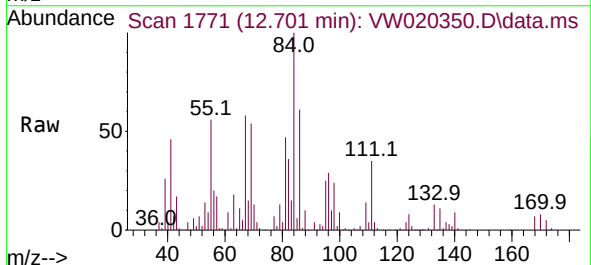


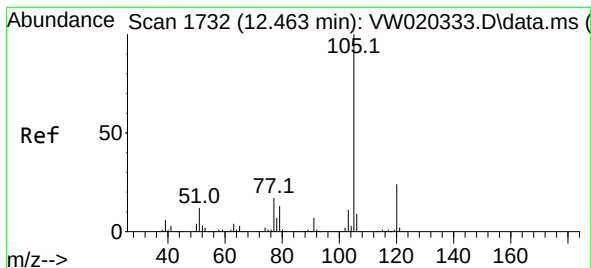
Tgt Ion: 43 Resp: 287470
Ion Ratio Lower Upper
43 100
58 3.3 39.5 59.3#
57 64.4 14.2 21.4#
100 0.1 8.2 12.4#



#57
1,1,2,2-Tetrachloroethane
Concen: 2.161 ug/L
RT: 12.701 min Scan# 1771
Delta R.T. -0.012 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 83 Resp: 8781
Ion Ratio Lower Upper
83 100
85 41.8 45.9 85.3#
131 9.0 7.4 11.2

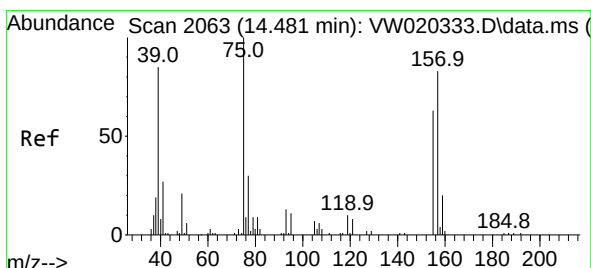
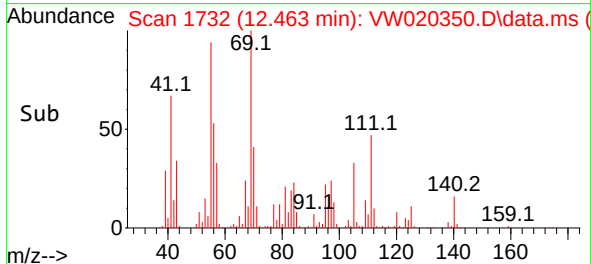
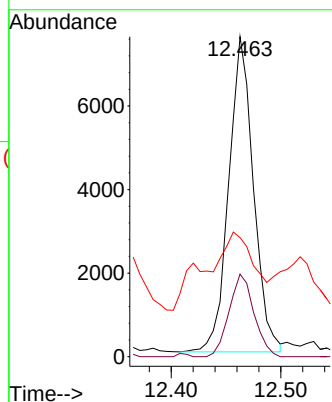
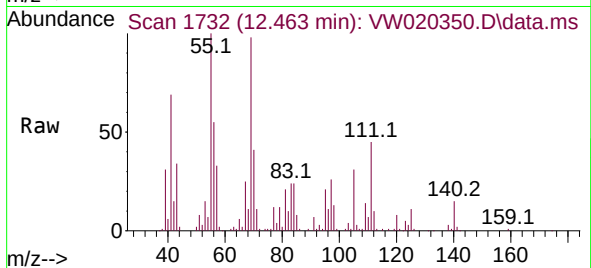




#60
Isopropylbenzene
Concen: 0.599 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 11833
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 17.0 13.8 20.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.104 ug/L
RT: 14.206 min Scan# 2018
Delta R.T. -0.275 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 75 Resp: 2858
Ion Ratio Lower Upper
75 100
155 0.0 51.4 77.0#
157 0.0 70.8 106.2#

