

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020253.D
 Acq On : 30 Sep 2021 01:06
 Operator : SY/VA
 Sample : M3974-07
 Misc : 5.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 02:12:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 02:06:51 2021
 Response via : Initial Calibration

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

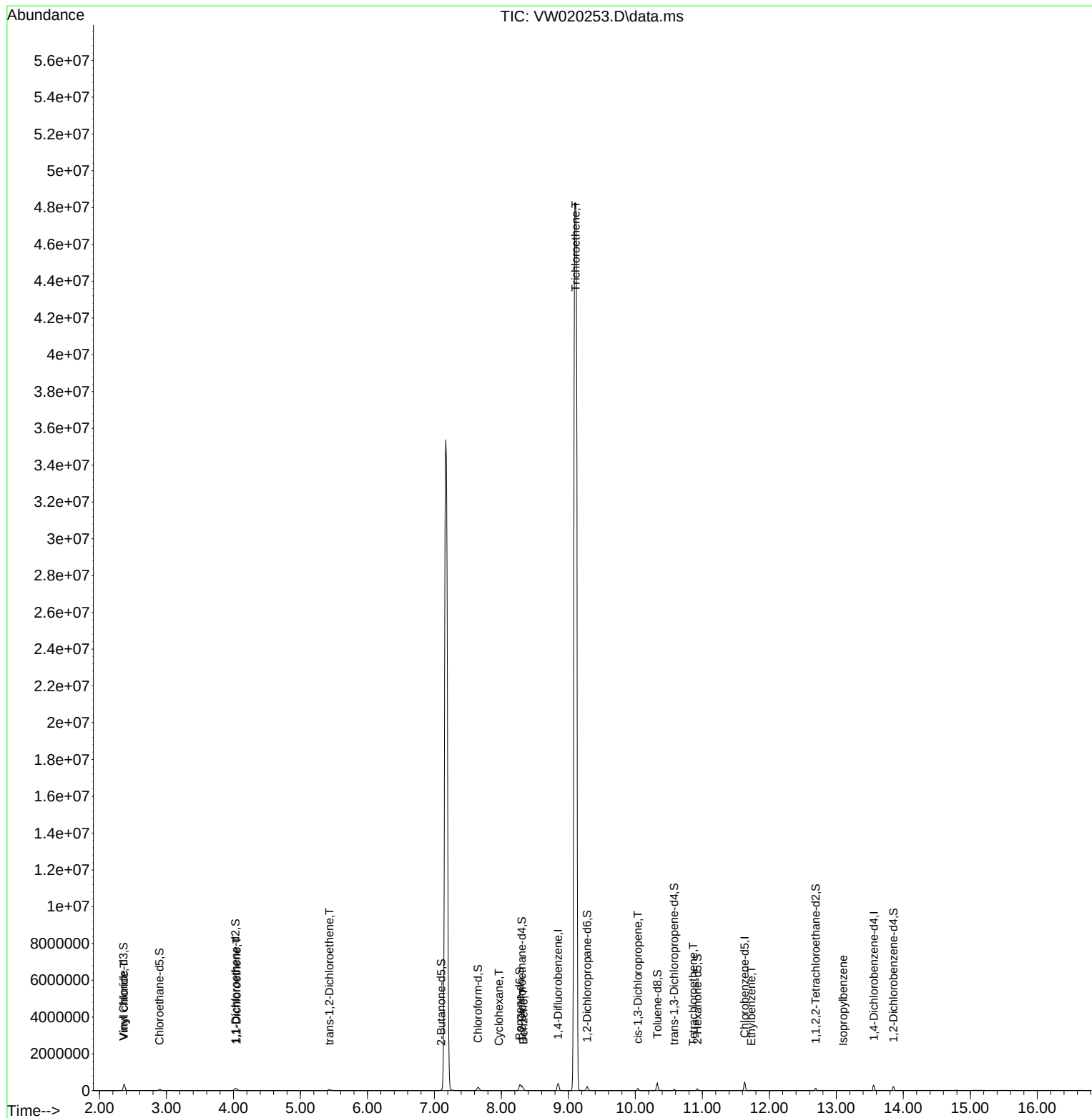
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	343163	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	259169	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	70326	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	101156	14.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.640%
7) Chloroethane-d5	2.897	69	89216	16.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.480%
11) 1,1-Dichloroethene-d2	4.031	63	117982	10.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.920%#
21) 2-Butanone-d5	7.104	46	39389	36.359	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.720%
24) Chloroform-d	7.653	84	190111	17.616	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.480%
26) 1,2-Dichloroethane-d4	8.305	65	105696	18.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	8.275	84	350660	21.208	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.840%
36) 1,2-Dichloropropane-d6	9.280	67	89306	18.663	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.640%
41) Toluene-d8	10.329	98	262665	17.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.840%
43) trans-1,3-Dichloroprop...	10.579	79	40250	19.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.720%
47) 2-Hexanone-d5	10.926	63	31410	47.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	62695	16.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	53006	20.101	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.400%
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	313264	48.000	ug/L	97
12) 1,1-Dichloroethene	4.050	96	27578	6.060	ug/L #	73
17) trans-1,2-Dichloroethene	5.434	96	36059	7.521	ug/L	95
29) Cyclohexane	7.964	56	4029	0.699	ug/L	99
33) Benzene	8.329	78	66704	4.265	ug/L	100
34) Trichloroethene	9.110	95	24477048	5845.843	ug/L	96
39) cis-1,3-Dichloropropene	10.036	75	3196	0.559	ug/L #	65
46) Tetrachloroethene	10.866	164	2057	0.636	ug/L	97
52) Ethylbenzene	11.731	91	10911	0.596	ug/L	97
60) Isopropylbenzene	13.103	105	4378	0.464	ug/L	93

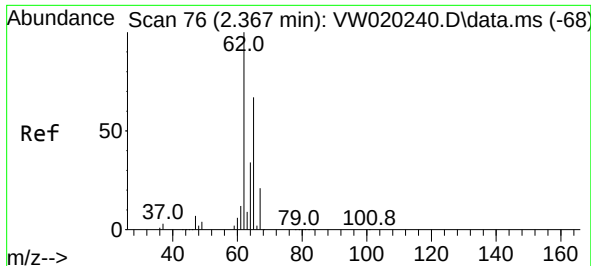
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 30 02:12:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
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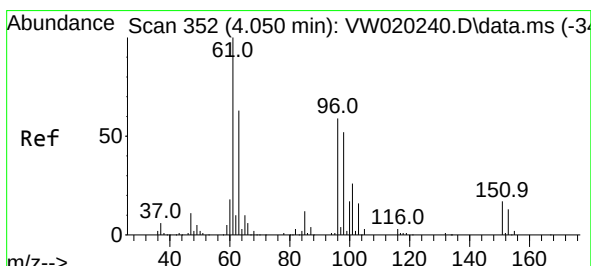
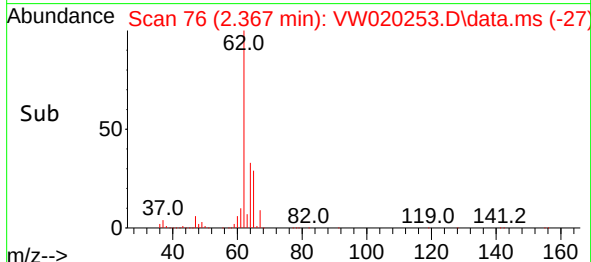
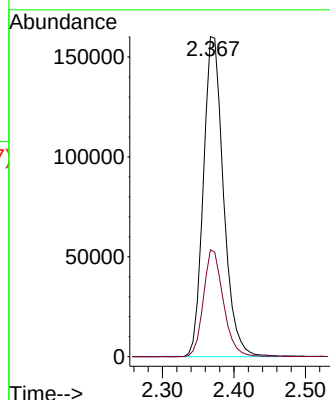
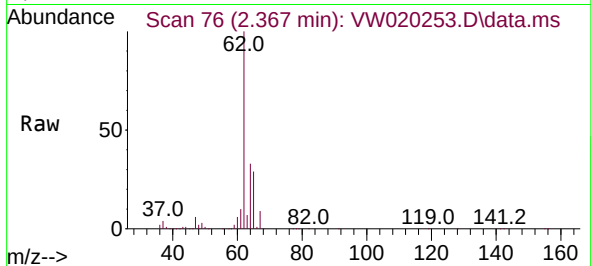




#5
 Vinyl chloride
 Concen: 48.000 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW020253.D
 Acq: 30 Sep 2021 01:06

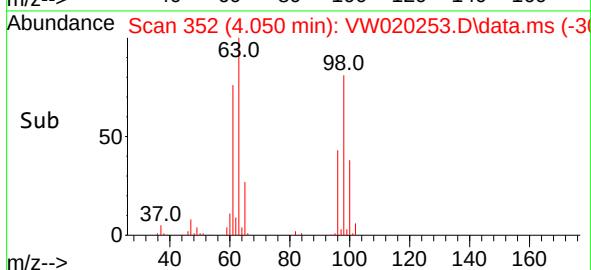
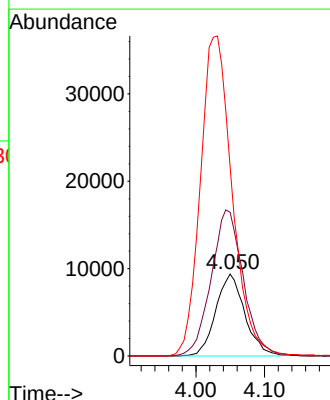
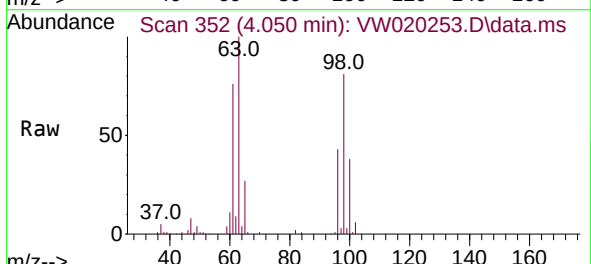
Instrument :
 MSVOA_W
 ClientSampled :

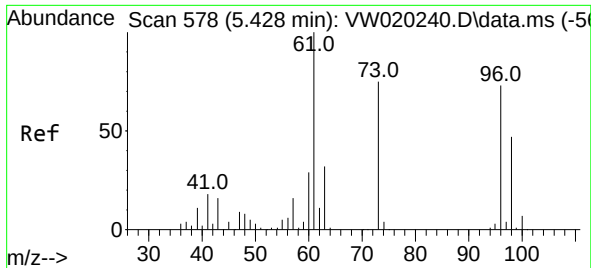
Tgt Ion: 62 Resp: 313264
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.5 45.5



#12
 1,1-Dichloroethene
 Concen: 6.060 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW020253.D
 Acq: 30 Sep 2021 01:06

Tgt Ion: 96 Resp: 27578
 Ion Ratio Lower Upper
 96 100
 61 175.4 126.1 234.3
 63 230.9 112.6 209.0#

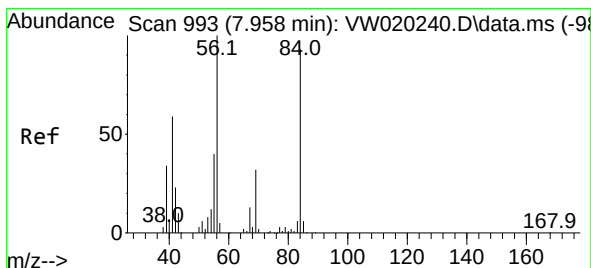
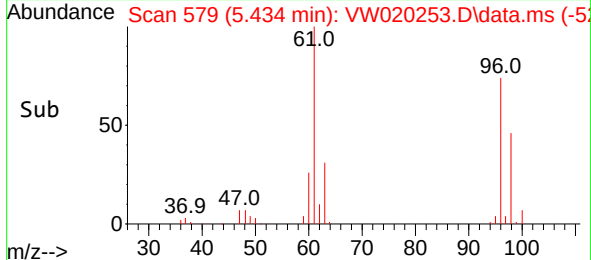
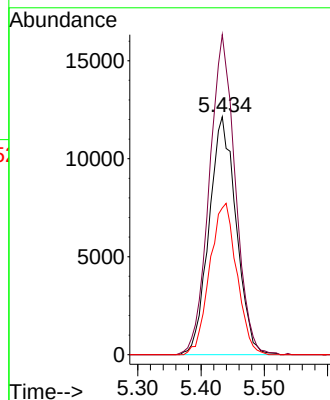
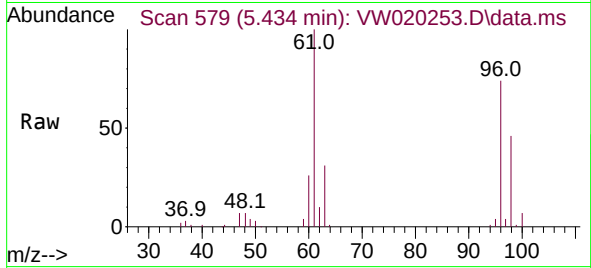




#17
trans-1,2-Dichloroethene
Concen: 7.521 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

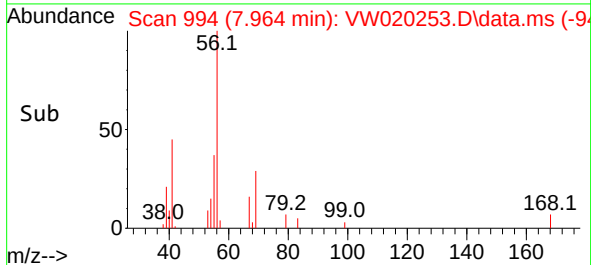
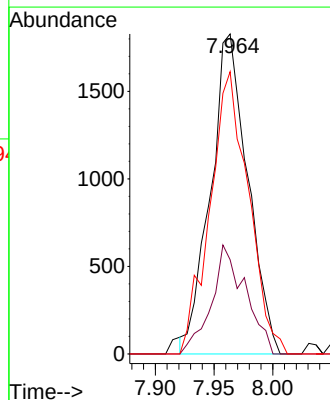
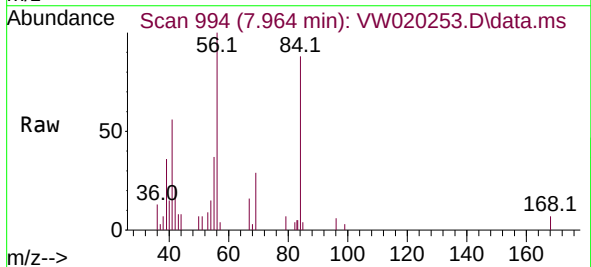
Instrument :
MSVOA_W
ClientSampled :

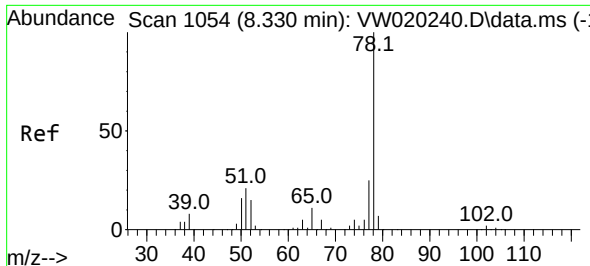
Tgt Ion:	96	Resp:	36059
Ion	Ratio	Lower	Upper
96	100		
61	134.5	98.3	182.5
98	61.6	46.6	86.6



#29
Cyclohexane
Concen: 0.699 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

Tgt Ion:	56	Resp:	4029
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.7	38.5
84	91.0	73.4	110.2

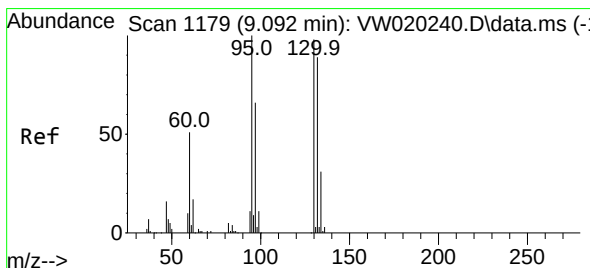
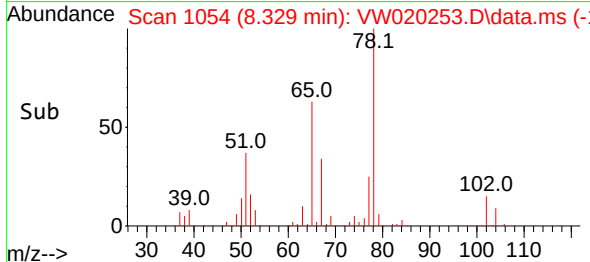
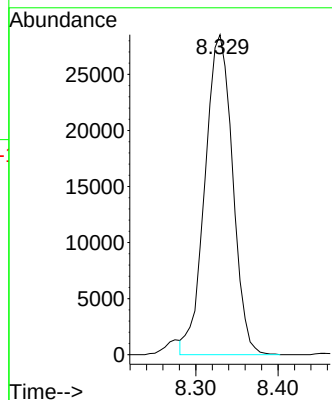
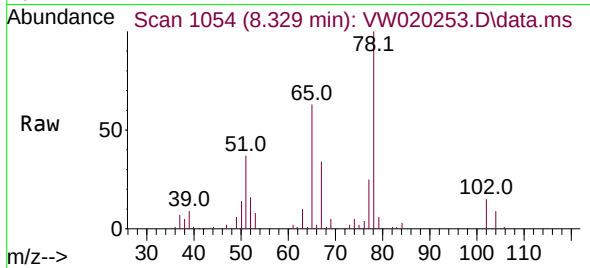




#33
Benzene
Concen: 4.265 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

Instrument :
MSVOA_W
ClientSampled :

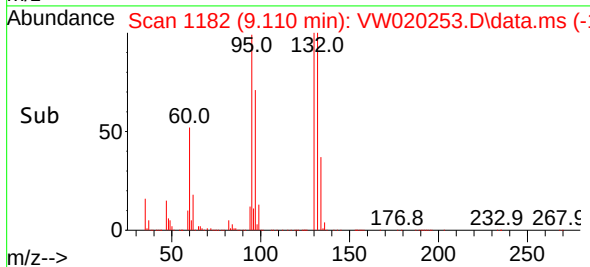
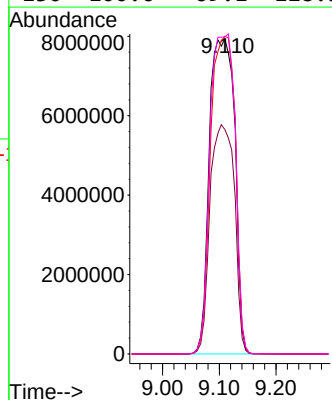
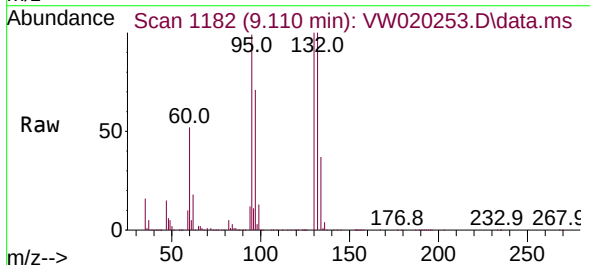
Tgt Ion: 78 Resp: 66704

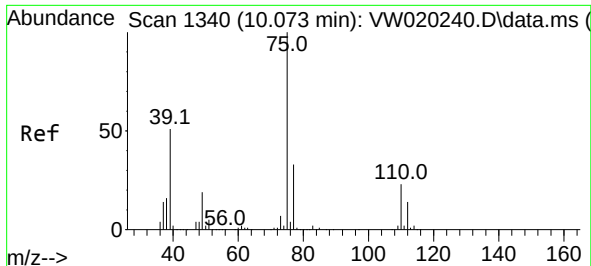


#34
Trichloroethene
Concen: 5845.843 ug/L
RT: 9.110 min Scan# 1182
Delta R.T. 0.018 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

Tgt Ion: 95 Resp: 24477048

Ion	Ratio	Lower	Upper
95	100		
97	71.2	45.1	83.7
132	100.8	67.9	126.1
130	100.6	69.1	128.3

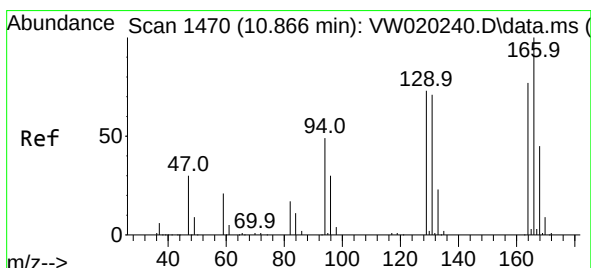
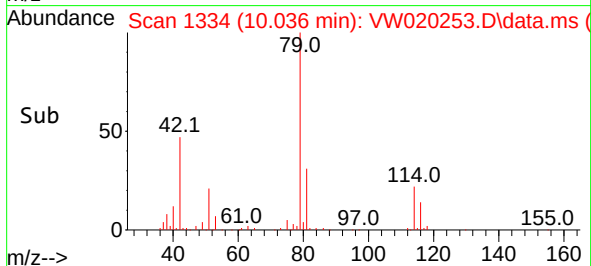
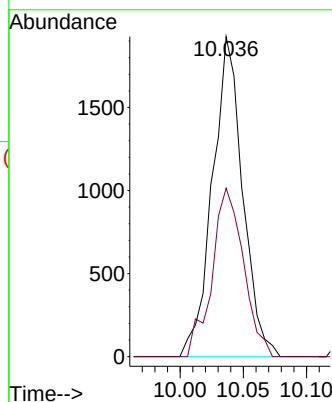
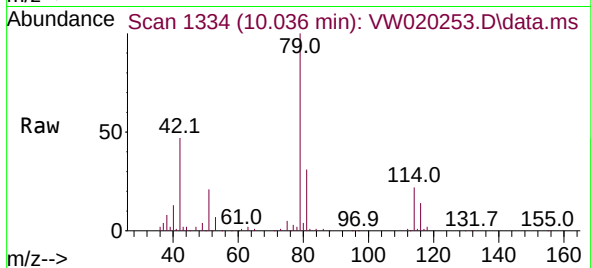




#39
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

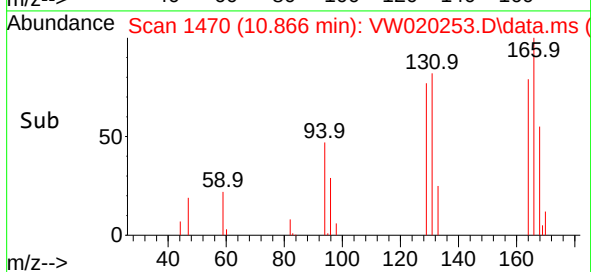
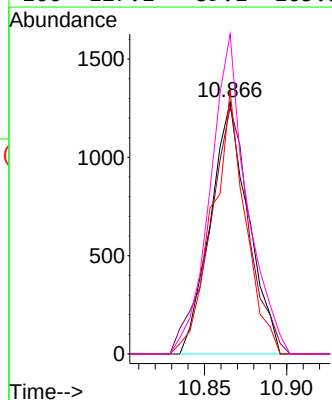
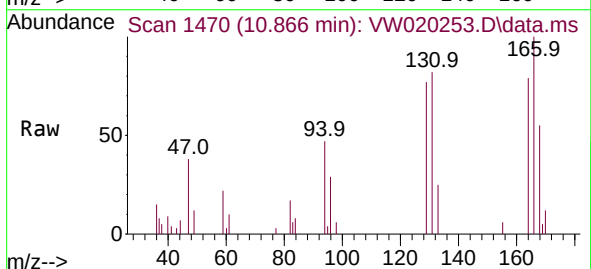
Instrument :
MSVOA_W
ClientSampled :

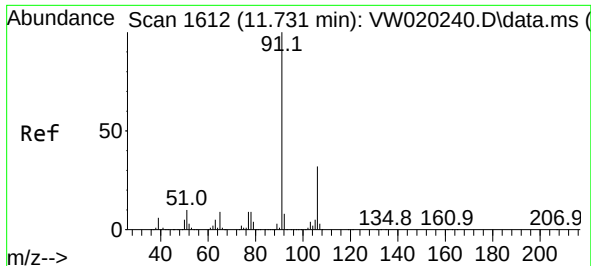
Tgt Ion: 75 Resp: 3196
Ion Ratio Lower Upper
75 100
77 52.6 23.0 42.6#



#46
Tetrachloroethene
Concen: 0.636 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

Tgt Ion:164 Resp: 2057
Ion Ratio Lower Upper
164 100
129 97.9 69.5 129.1
131 104.4 66.5 123.5
166 127.1 89.1 165.5

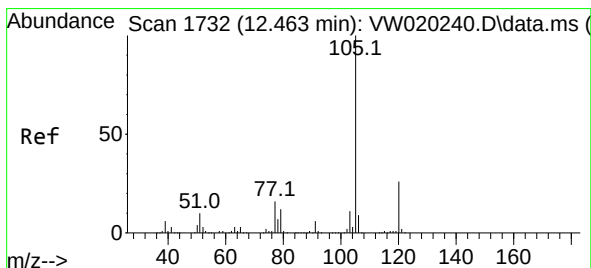
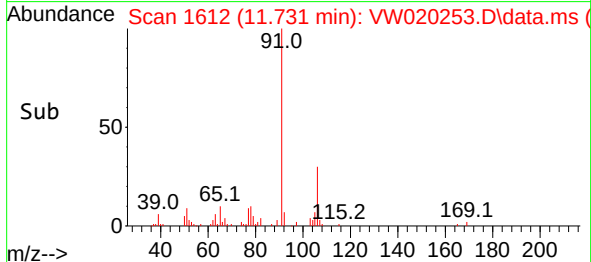
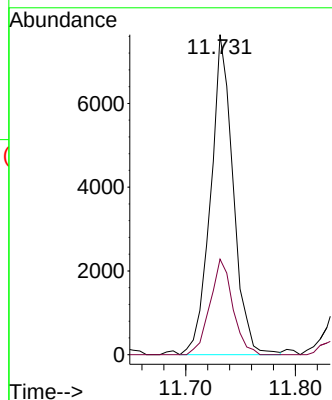
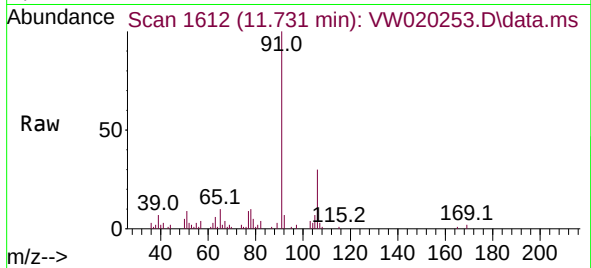




#52
Ethylbenzene
Concen: 0.596 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 10911
Ion Ratio Lower Upper
91 100
106 29.9 22.0 40.8



#60
Isopropylbenzene
Concen: 0.464 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW020253.D
Acq: 30 Sep 2021 01:06

Tgt Ion:105 Resp: 4378
Ion Ratio Lower Upper
105 100
120 29.4 20.9 31.3
77 13.7 13.3 19.9

