

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020242.D
 Acq On : 29 Sep 2021 20:32
 Operator : SY/VA
 Sample : M3974-03
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

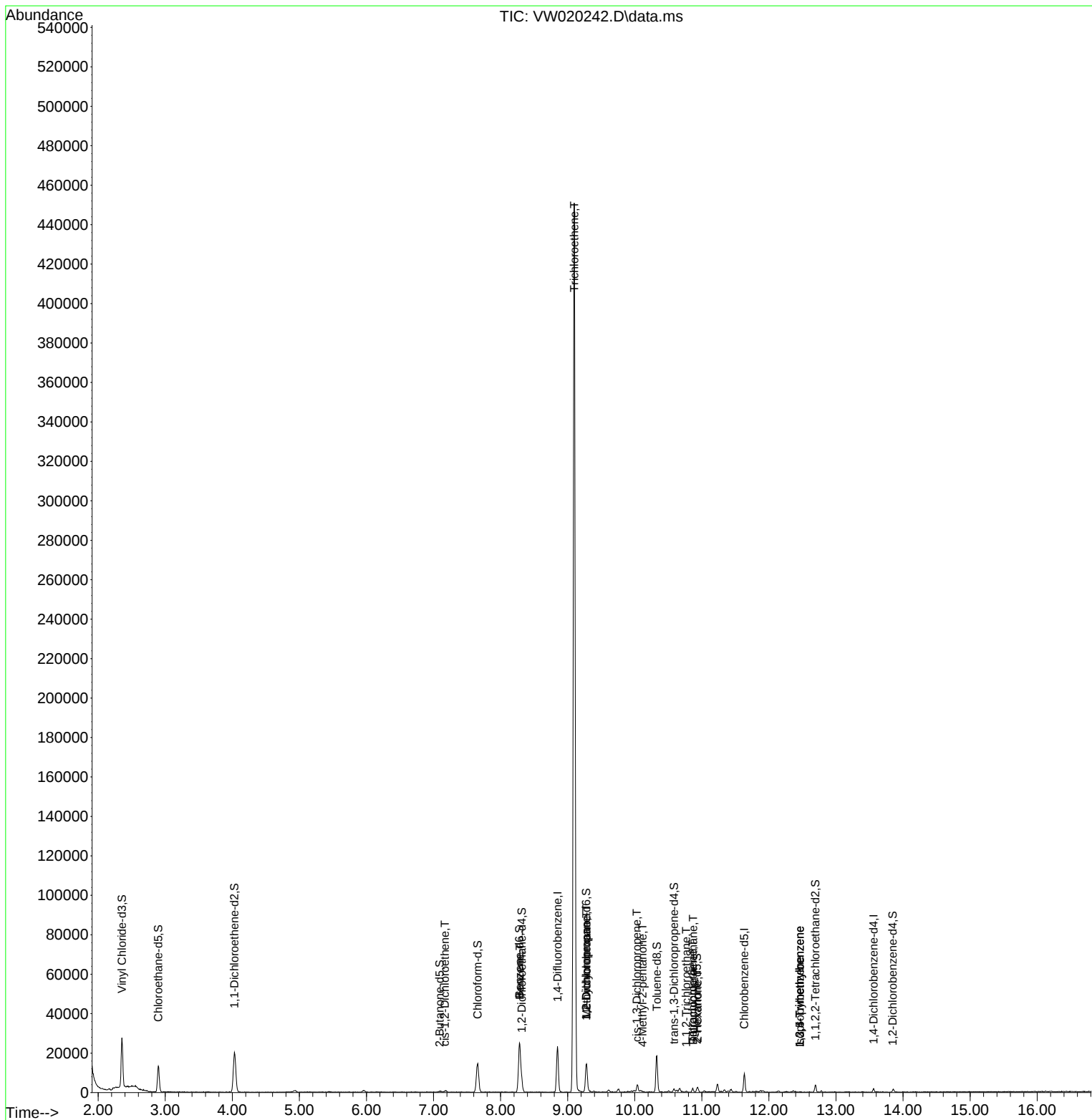
Quant Time: Sep 30 02:10:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 02:06:51 2021
 Response via : Initial Calibration

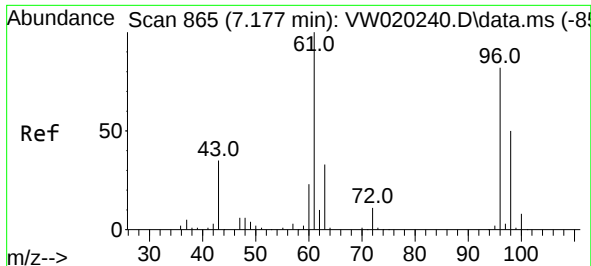
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	18132	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	5350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25455	68.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	274.480%#
7) Chloroethane-d5	2.897	69	13625	48.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	195.040%#
11) 1,1-Dichloroethene-d2	4.031	63	19264	33.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	132.680%#
21) 2-Butanone-d5	7.092	46	506	8.840	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.680%#
24) Chloroform-d	7.659	84	14896	26.122	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.480%
26) 1,2-Dichloroethane-d4	8.317	65	4806	15.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.640%#
32) Benzene-d6	8.281	84	26311	77.086	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	308.360%#
36) 1,2-Dichloropropane-d6	9.274	67	6348	64.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	257.040%#
41) Toluene-d8	10.329	98	12048	38.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	155.160%#
43) trans-1,3-Dichloroprop...	10.585	79	1055	24.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.926	63	426	31.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.320%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	1867	24.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	13.847	152	399	21.239	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.960%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.171	96	239	0.928	ug/L	90
33) Benzene	8.287	78	196	0.607	ug/L	100
34) Trichloroethene	9.098	95	149858	1733.793	ug/L	99
35) Methylcyclohexane	9.280	83	1738	12.341	ug/L #	25
37) 1,2-Dichloropropane	9.280	63	726	9.078	ug/L #	86
39) cis-1,3-Dichloropropene	10.030	75	74	0.627	ug/L #	42
40) 4-Methyl-2-pentanone	10.116	43	260	6.455	ug/L #	44
45) 1,1,2-Trichloroethane	10.768	97	116	1.978	ug/L #	16
46) Tetrachloroethene	10.866	164	316	4.730	ug/L #	75
48) 2-Hexanone	10.939	43	739	26.339	ug/L #	25
49) Dibromochloromethane	10.872	129	243	3.546	ug/L #	9
60) Isopropylbenzene	12.463	105	49	0.729	ug/L #	54
62) 1,3,5-Trimethylbenzene	12.463	105	49	0.889	ug/L #	29
63) 1,2,4-Trimethylbenzene	12.463	105	49	0.905	ug/L #	31

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

Quant Time: Sep 30 02:10:01 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





#20

cis-1,2-Dichloroethene

Concen: 0.928 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

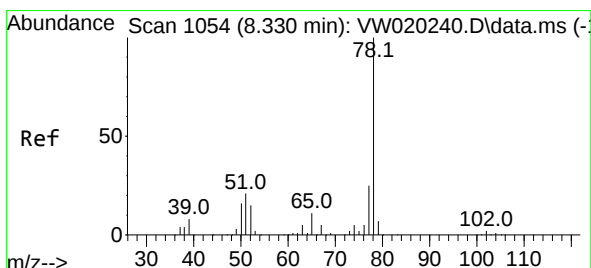
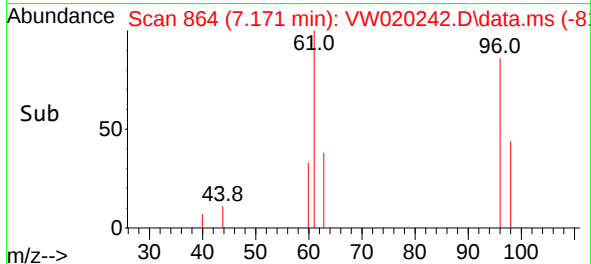
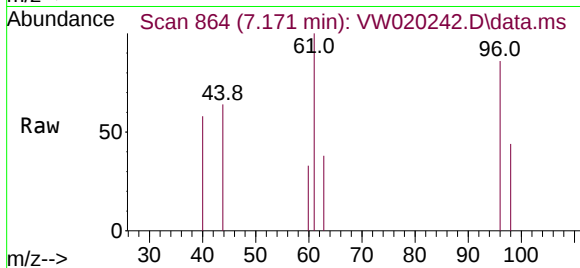
Lab File: VW020242.D

Acq: 29 Sep 2021 20:32

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 96 Resp: 239

Ion	Ratio	Lower	Upper
96	100		
61	116.5	89.9	167.0
68	0.0	0.0	0.0



#33

Benzene

Concen: 0.607 ug/L

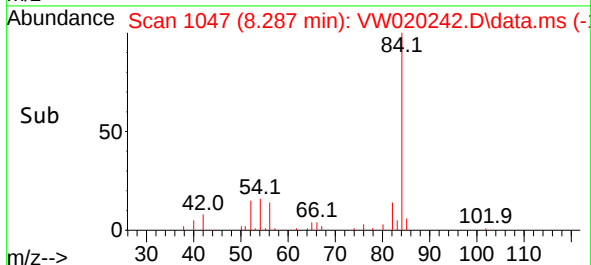
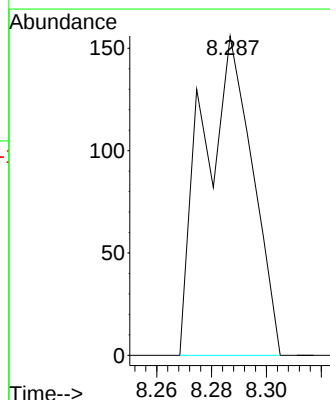
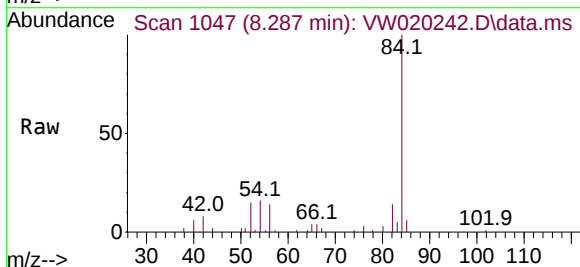
RT: 8.287 min Scan# 1047

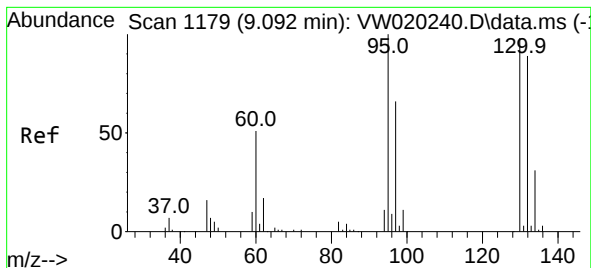
Delta R.T. -0.043 min

Lab File: VW020242.D

Acq: 29 Sep 2021 20:32

Tgt Ion: 78 Resp: 196





#34

Trichloroethene

Concen: 1733.793 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW020242.D

Acq: 29 Sep 2021 20:32

Tgt Ion: 95 Resp: 149858

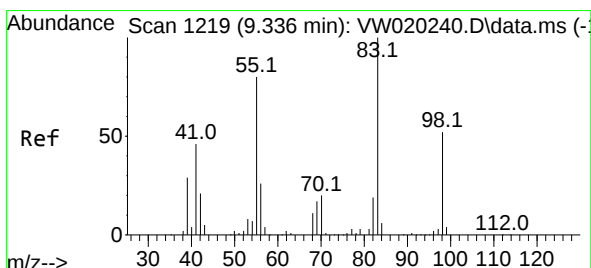
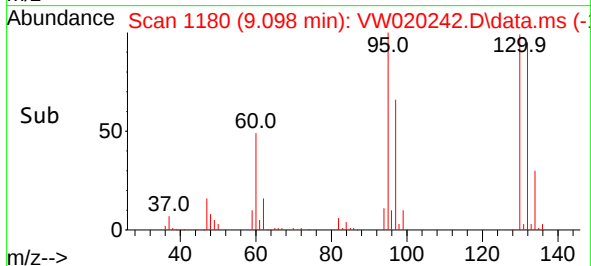
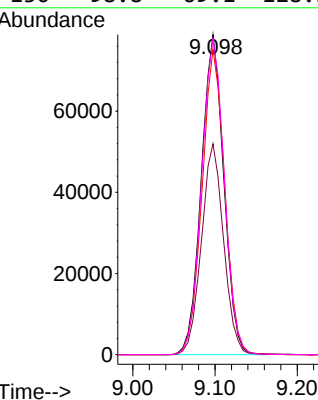
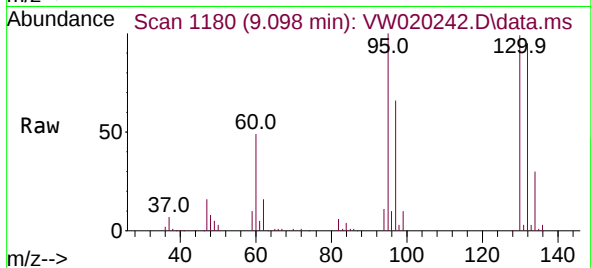
Ion Ratio Lower Upper

95 100

97 65.9 45.1 83.7

132 95.4 67.9 126.1

130 98.8 69.1 128.3



#35

Methylcyclohexane

Concen: 12.341 ug/L

RT: 9.280 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW020242.D

Acq: 29 Sep 2021 20:32

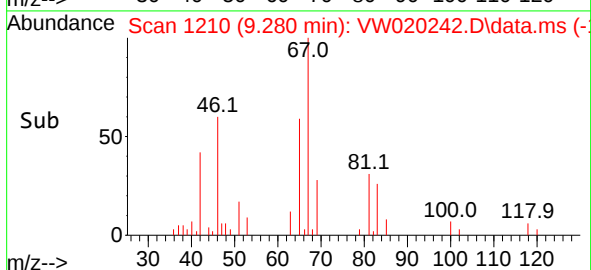
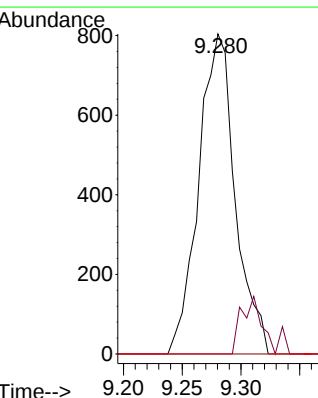
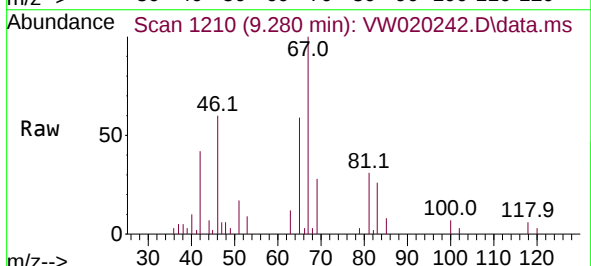
Tgt Ion: 83 Resp: 1738

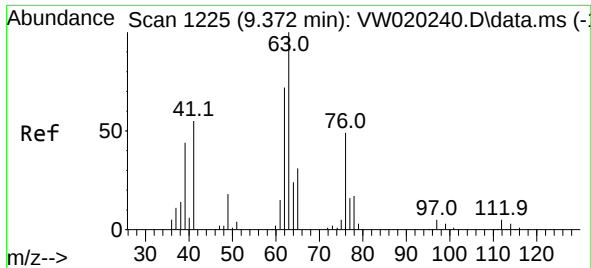
Ion Ratio Lower Upper

83 100

55 10.0 61.4 92.2#

98 0.0 38.1 57.1#

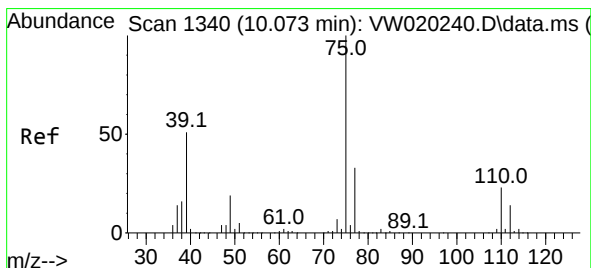
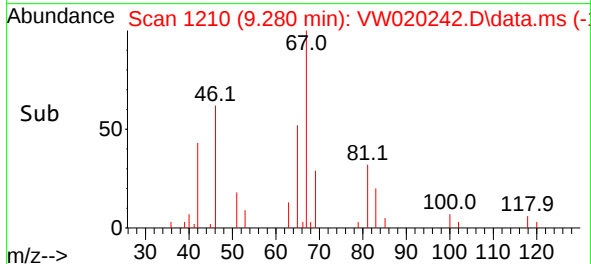
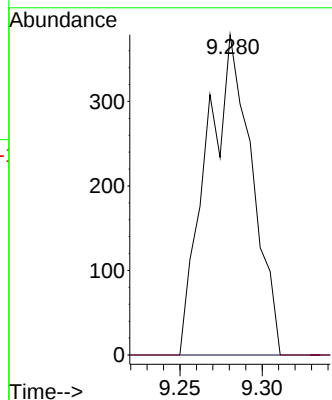
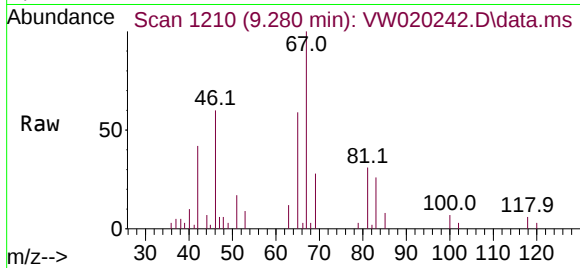




#37
1,2-Dichloropropane
Concen: 9.078 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.092 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

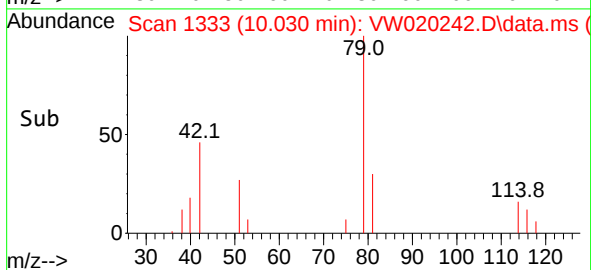
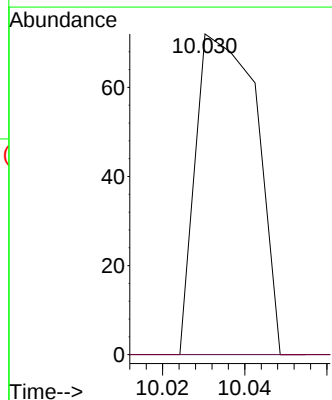
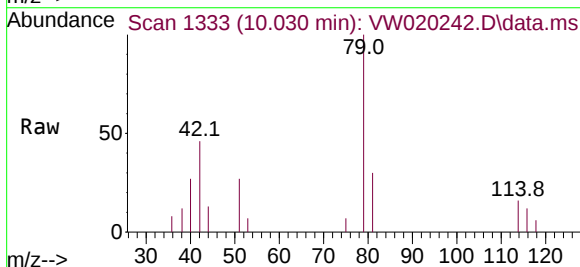
Instrument :
MSVOA_W
ClientSampled :

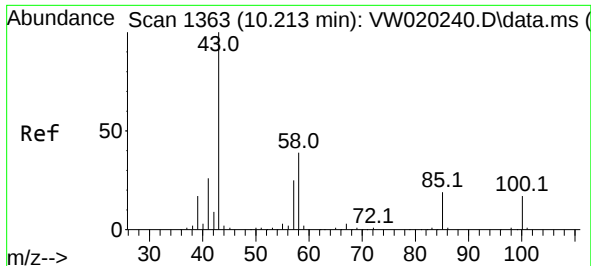
Tgt Ion: 63 Resp: 726
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



#39
cis-1,3-Dichloropropene
Concen: 0.627 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
77 0.0 23.0 42.6#

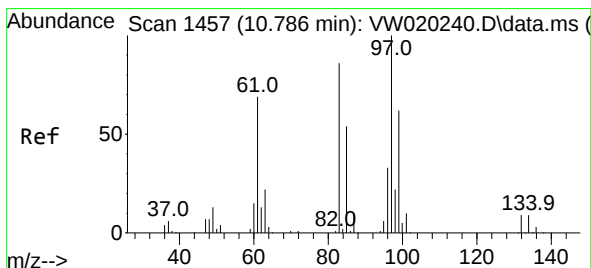
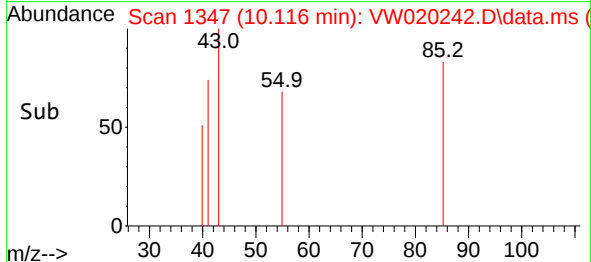
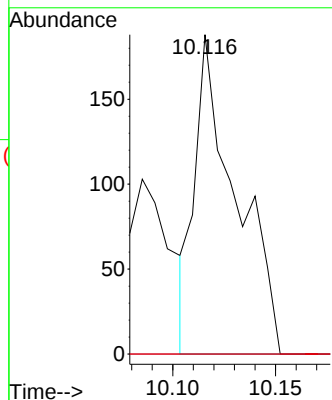
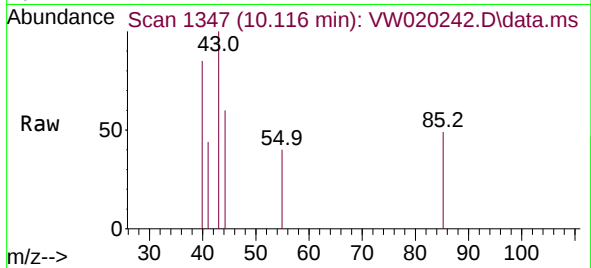




#40
4-Methyl-2-pentanone
Concen: 6.455 ug/L
RT: 10.116 min Scan# 1347
Delta R.T. -0.098 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

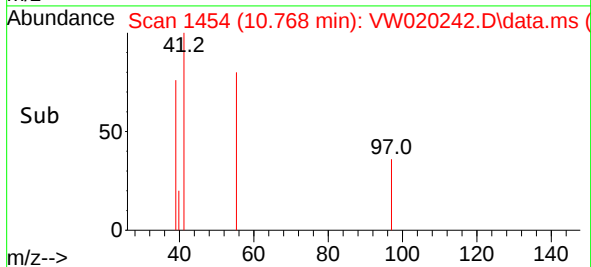
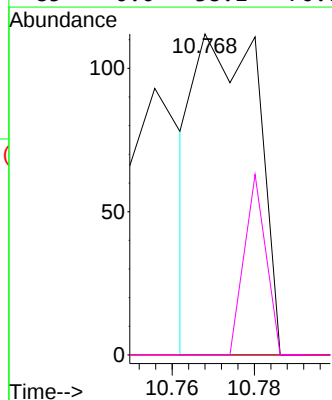
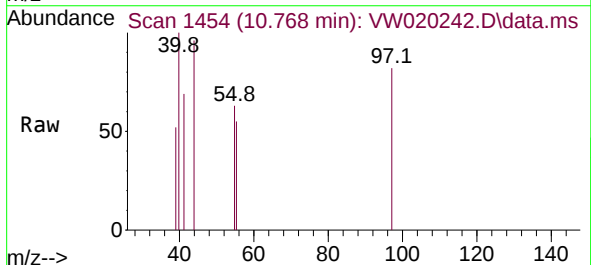
Instrument :
MSVOA_W
ClientSampleId :

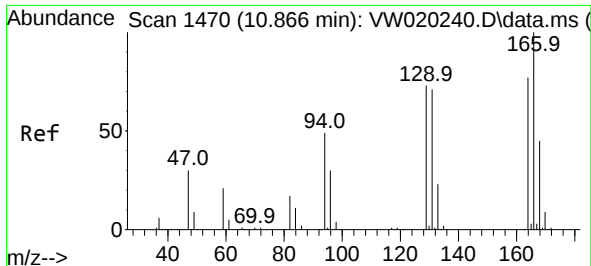
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 31.3 46.9#
100 0.0 13.3 19.9#



#45
1,1,2-Trichloroethane
Concen: 1.978 ug/L
RT: 10.768 min Scan# 1454
Delta R.T. -0.018 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

Tgt Ion: 97 Resp: 116
Ion Ratio Lower Upper
97 100
99 0.0 42.0 78.0#
83 0.0 58.7 108.9#
85 0.0 38.1 70.7#

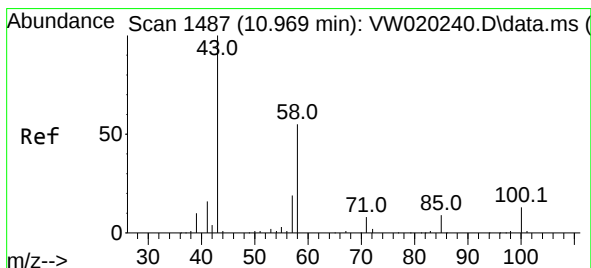
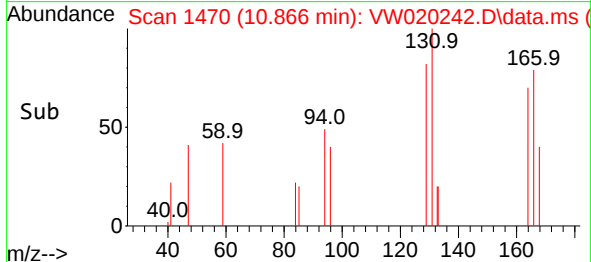
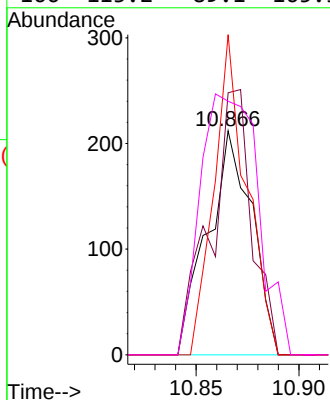
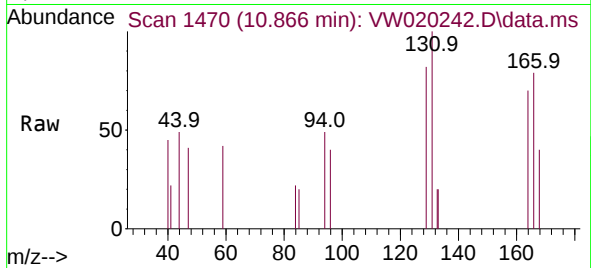




#46
Tetrachloroethene
Concen: 4.730 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

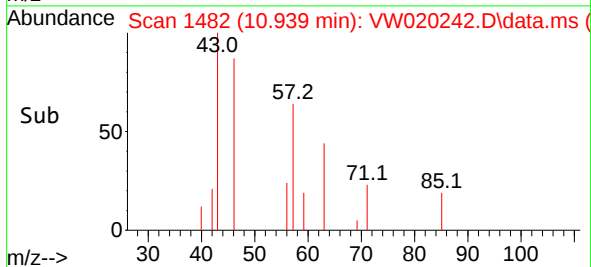
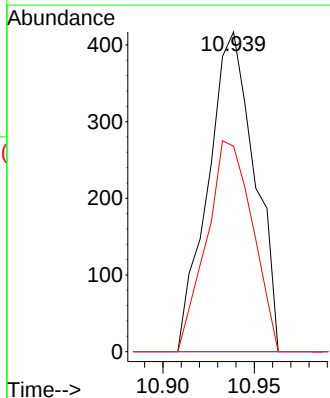
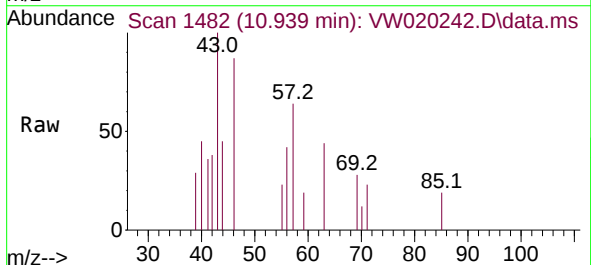
Instrument :
MSVOA_W
ClientSampled :

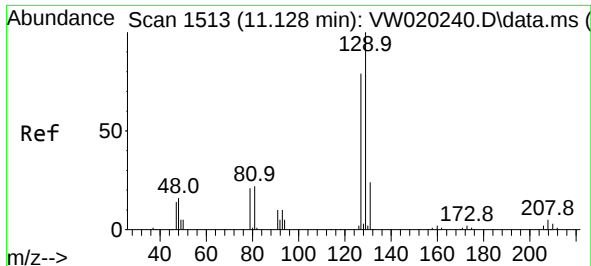
Tgt Ion:164	Resp:	316
Ion	Ratio	Lower Upper
164	100	
129	117.0	69.5 129.1
131	142.9	66.5 123.5#
166	113.2	89.1 165.5



#48
2-Hexanone
Concen: 26.339 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.031 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

Tgt Ion: 43	Resp:	739
Ion	Ratio	Lower Upper
43	100	
58	0.0	43.8 65.6#
57	65.0	15.6 23.4#
100	0.0	10.5 15.7#





#49

Dibromochloromethane

Concen: 3.546 ug/L

RT: 10.872 min Scan# 1471

Delta R.T. -0.256 min

Lab File: VW020242.D

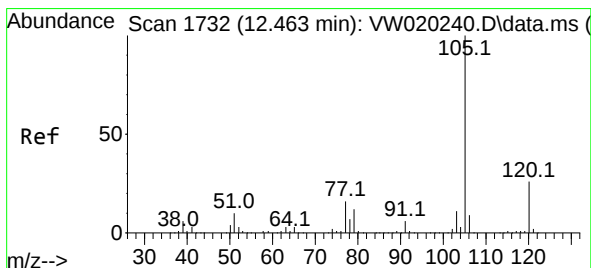
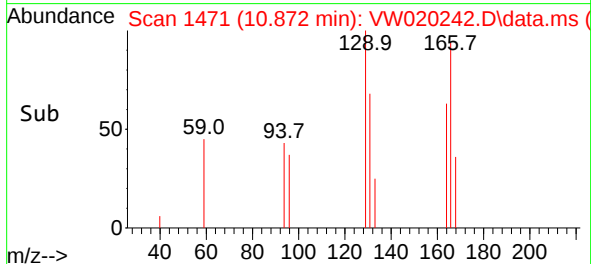
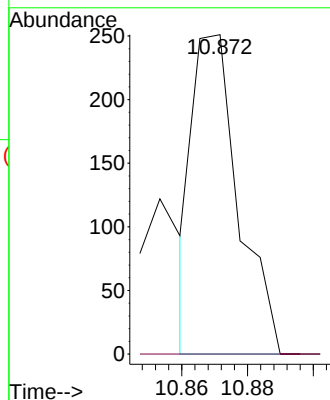
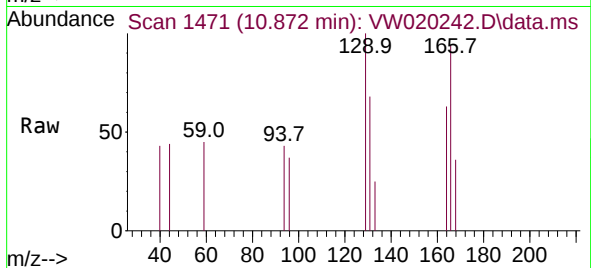
Acq: 29 Sep 2021 20:32

Tgt Ion:129 Resp: 243

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#



#60

Isopropylbenzene

Concen: 0.729 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW020242.D

Acq: 29 Sep 2021 20:32

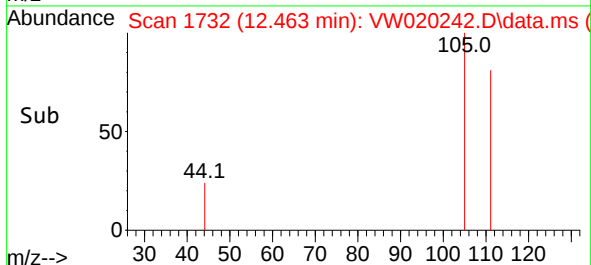
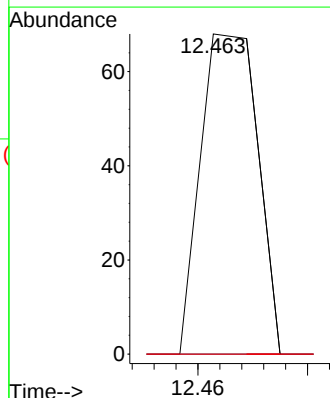
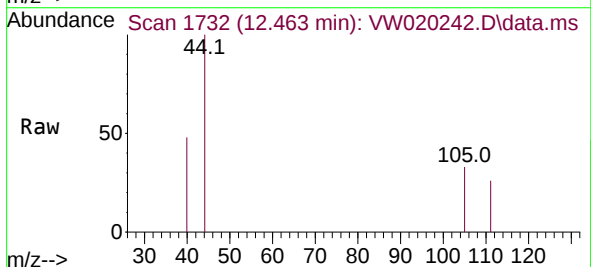
Tgt Ion:105 Resp: 49

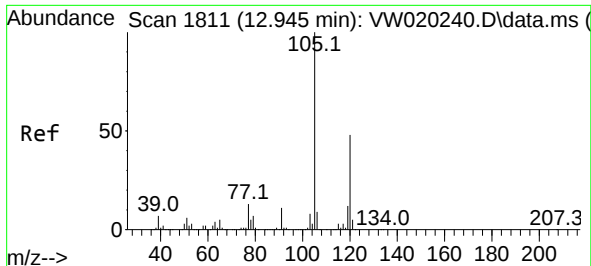
Ion Ratio Lower Upper

105 100

120 0.0 20.9 31.3#

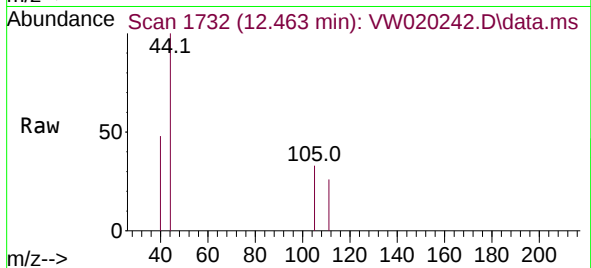
77 0.0 13.3 19.9#



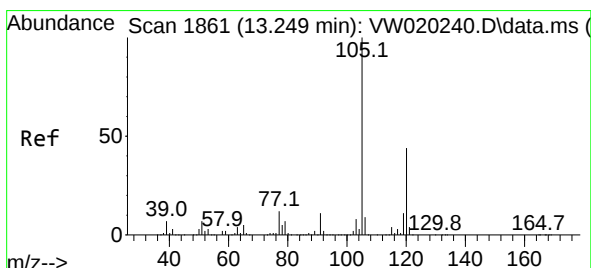
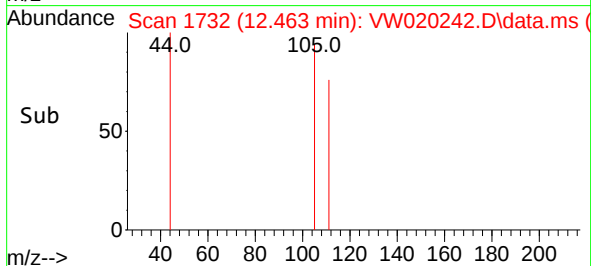
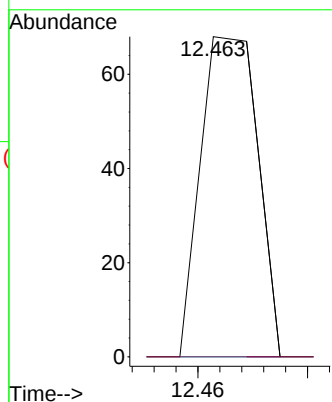


#62
1,3,5-Trimethylbenzene
Concen: 0.889 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.482 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32

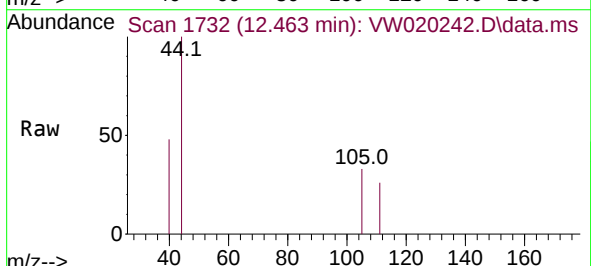
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:105 Resp: 49
Ion Ratio Lower Upper
105 100
120 0.0 38.0 57.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.905 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.787 min
Lab File: VW020242.D
Acq: 29 Sep 2021 20:32



Tgt Ion:105 Resp: 49
Ion Ratio Lower Upper
105 100
120 0.0 36.2 54.4#

