

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019960.D
 Acq On : 31 Aug 2021 15:59
 Operator : SY/VA
 Sample : M3579-15RE
 Misc : 6.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B7RE

Quant Time: Sep 01 01:05:36 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	61989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	63733	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	23842	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	130283	135.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 542.600%#	
7) Chloroethane-d5	2.897	69	116382	138.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 552.200%#	
11) 1,1-Dichloroethene-d2	4.019	63	149639	89.787	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 359.160%#	
21) 2-Butanone-d5	7.080	46	65250	334.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 668.920%#	
24) Chloroform-d	7.653	84	229267	134.484	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 537.920%#	
26) 1,2-Dichloroethane-d4	8.311	65	136462	148.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 594.160%#	
32) Benzene-d6	8.281	84	442791	121.850	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 487.400%#	
36) 1,2-Dichloropropane-d6	9.280	67	140727	127.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 511.520%#	
41) Toluene-d8	10.329	98	386384	116.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 464.120%#	
43) trans-1,3-Dichloroprop...	10.579	79	58518	128.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 514.880%#	
47) 2-Hexanone-d5	10.926	63	51231	334.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 668.360%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129946	145.085	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 580.320%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	117742	143.968	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 575.880%#	
Target Compounds						Qvalue
5) Vinyl chloride	2.361	62	696	0.621	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	4.019	101	1407	1.644	ug/L #	20
12) 1,1-Dichloroethene	4.025	96	1075	1.281	ug/L #	1
13) Acetone	4.129	43	3775	22.667	ug/L	96
16) Methylene chloride	4.927	84	4955	4.657	ug/L	92
20) cis-1,2-Dichloroethene	7.177	96	14111	15.810	ug/L	100
33) Benzene	8.329	78	1842	0.471	ug/L	100
34) Trichloroethene	9.097	95	4714	4.636	ug/L	94
35) Methylcyclohexane	9.341	83	455	0.261	ug/L #	77
39) cis-1,3-Dichloropropene	10.036	75	4082	2.861	ug/L #	67
42) Toluene	10.390	91	11658	2.814	ug/L	93
44) trans-1,3-Dichloropropene	10.579	75	2865	2.282	ug/L	93
46) Tetrachloroethene	10.865	164	124363	161.453	ug/L	93
49) Dibromochloromethane	10.865	129	115353	143.784	ug/L #	13
52) Ethylbenzene	11.731	91	4990	1.119	ug/L	97
54) o-Xylene	12.164	106	458	0.283	ug/L	75
61) 1,2,3-Trichloropropane	13.554	75	3202	6.850	ug/L #	60
63) 1,2,4-Trimethylbenzene	13.249	105	1479	0.566	ug/L	91

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Quant Title : SFAM01.0
QLast Update : Wed Sep 01 00:59:56 2021
Response via : Initial Calibration

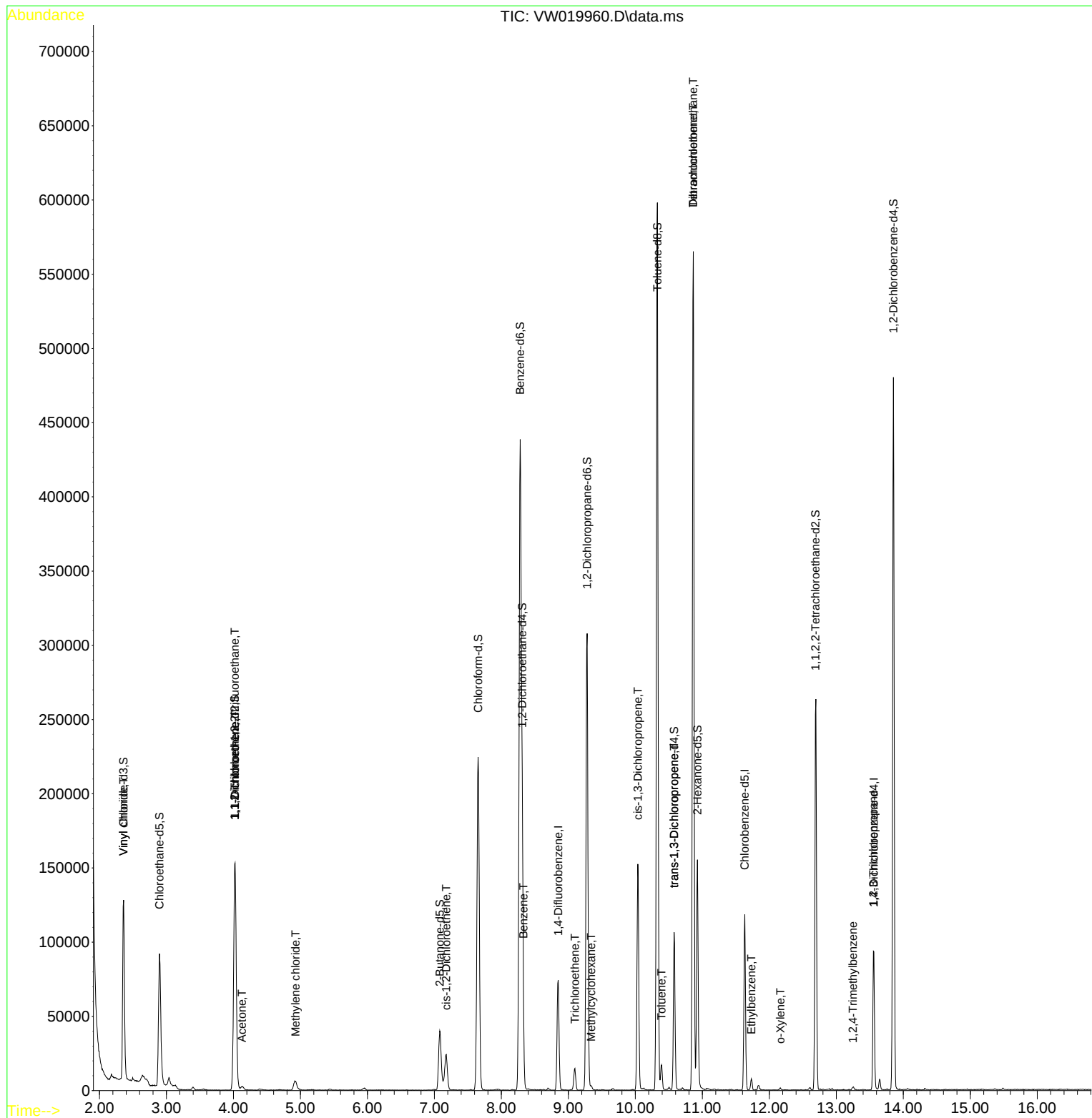
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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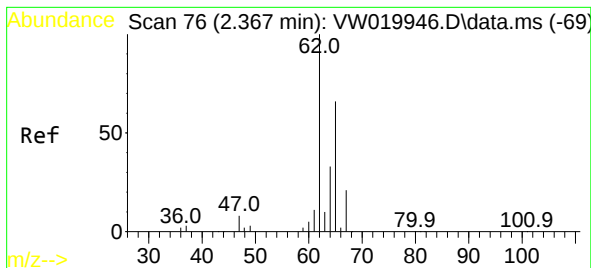
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.621 ug/L

RT: 2.361 min Scan# 75

Delta R.T. -0.006 min

Lab File: VW019960.D

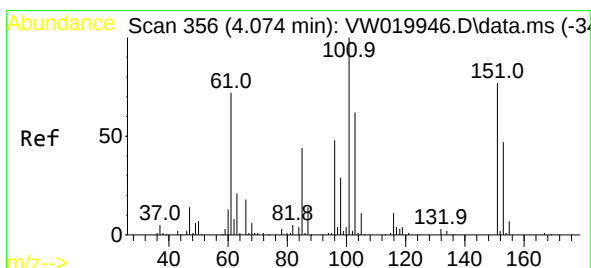
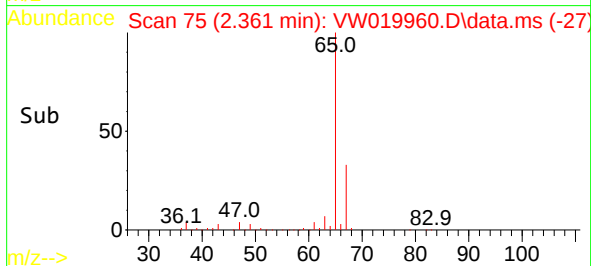
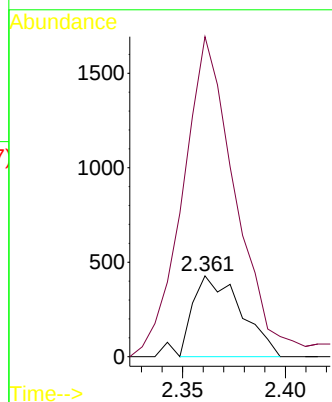
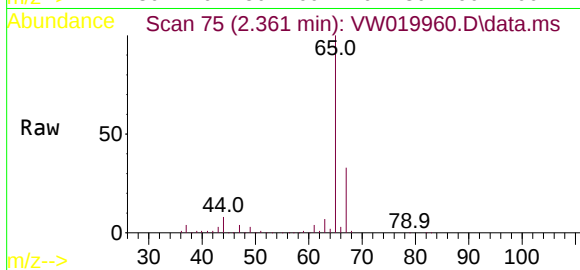
Acq: 31 Aug 2021 15:59

Tgt Ion: 62 Resp: 696

Ion Ratio Lower Upper

62 100

64 395.8 24.2 45.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.644 ug/L

RT: 4.019 min Scan# 347

Delta R.T. -0.055 min

Lab File: VW019960.D

Acq: 31 Aug 2021 15:59

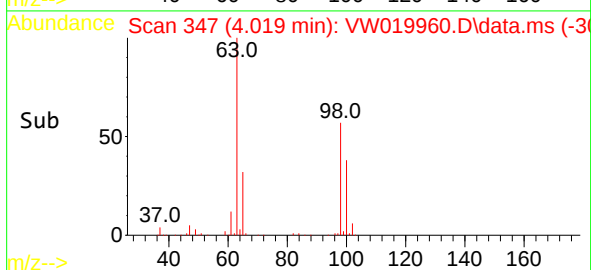
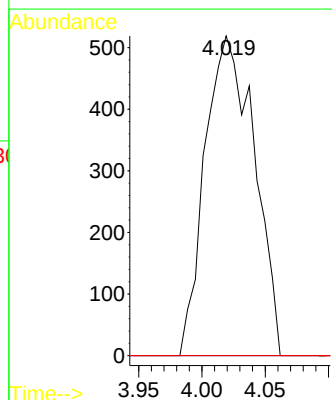
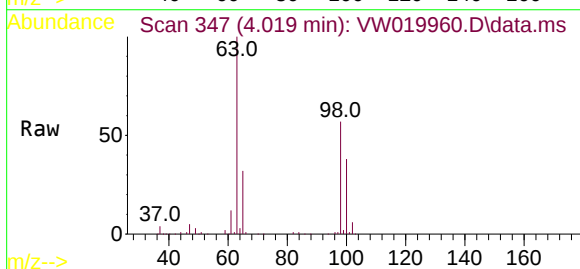
Tgt Ion: 101 Resp: 1407

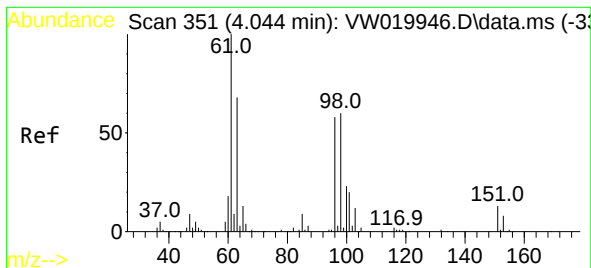
Ion Ratio Lower Upper

101 100

85 0.0 38.2 57.2#

151 0.0 56.6 85.0#





#12

1,1-Dichloroethene

Concen: 1.281 ug/L

RT: 4.025 min Scan# 348

Delta R.T. -0.018 min

Lab File: VW019960.D

Acq: 31 Aug 2021 15:59

Tgt Ion: 96 Resp: 1075

Ion Ratio Lower Upper

96 100

61 1772.2 118.1 219.3#

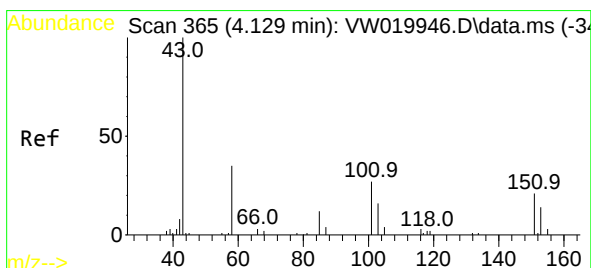
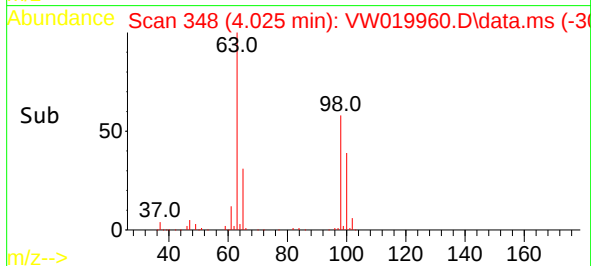
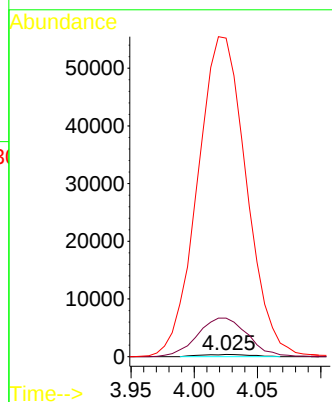
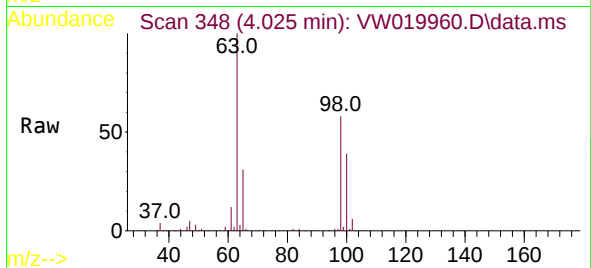
63 14611.6 83.7 155.5#

Instrument :

MSVOA_W

ClientSampleId :

GB6B7RE



#13

Acetone

Concen: 22.667 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW019960.D

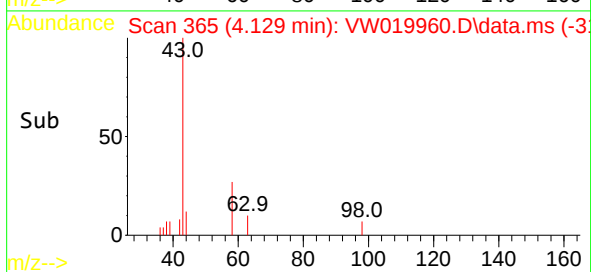
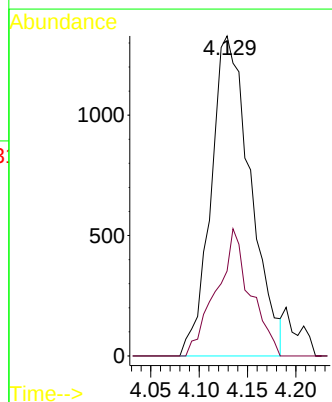
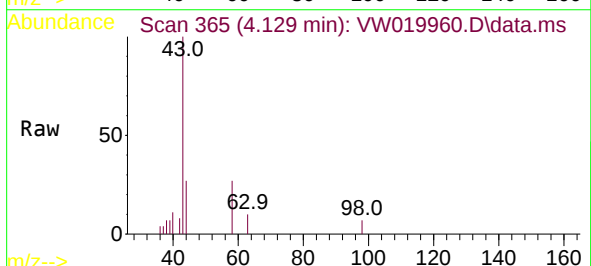
Acq: 31 Aug 2021 15:59

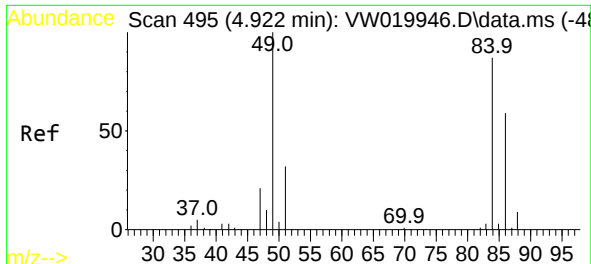
Tgt Ion: 43 Resp: 3775

Ion Ratio Lower Upper

43 100

58 28.7 0.0 53.8

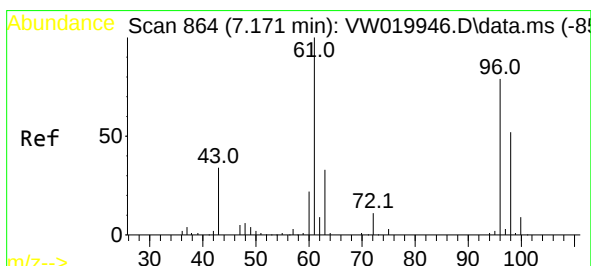
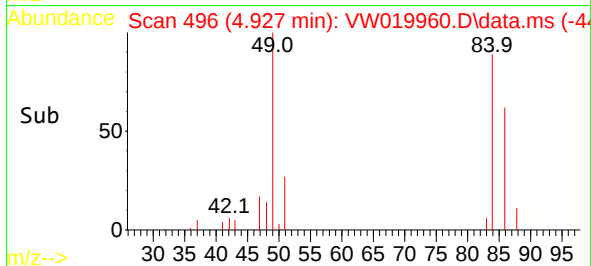
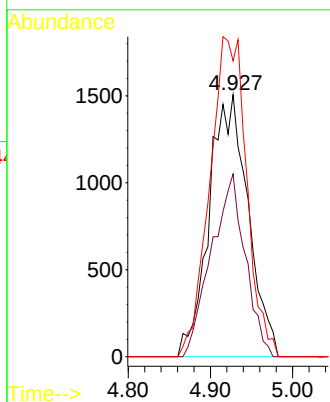
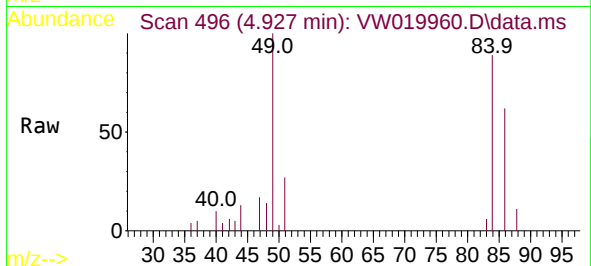




#16
Methylene chloride
Concen: 4.657 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

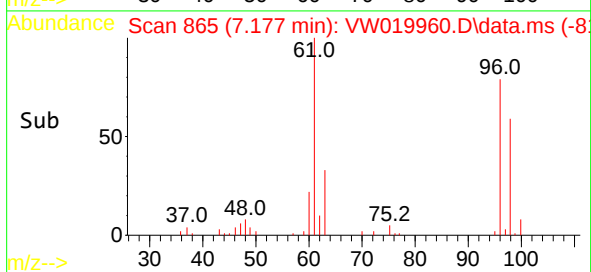
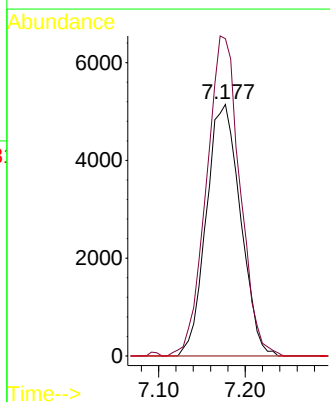
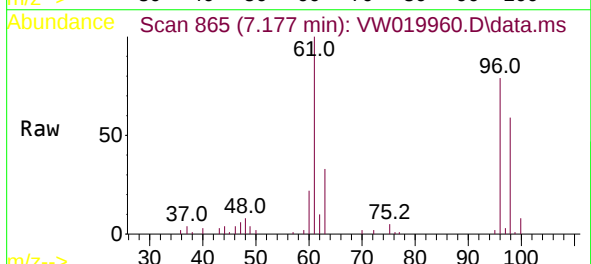
Instrument :
MSVOA_W
ClientSampled :
GB6B7RE

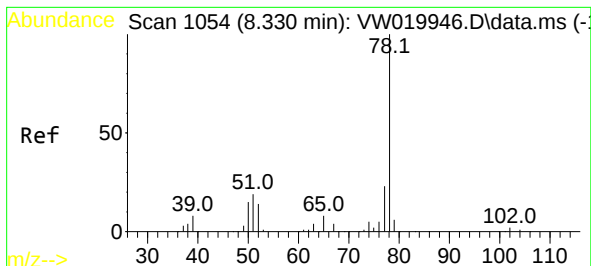
Tgt Ion: 84 Resp: 4955
Ion Ratio Lower Upper
84 100
86 69.8 45.3 84.1
49 112.9 86.6 160.8



#20
cis-1,2-Dichloroethene
Concen: 15.810 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion: 96 Resp: 14111
Ion Ratio Lower Upper
96 100
61 126.1 88.5 164.3
68 0.0 0.0 0.0





#33

Benzene

Concen: 0.471 ug/L

RT: 8.329 min Scan# 1054

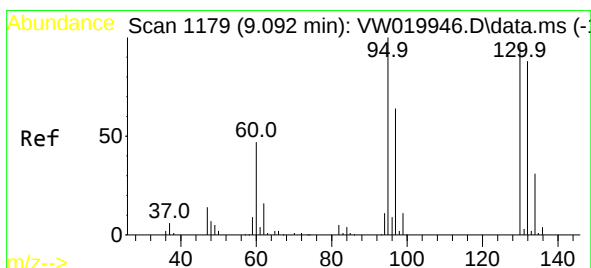
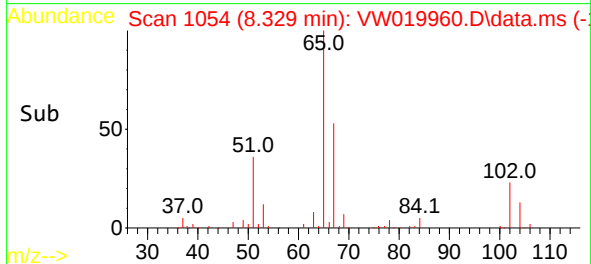
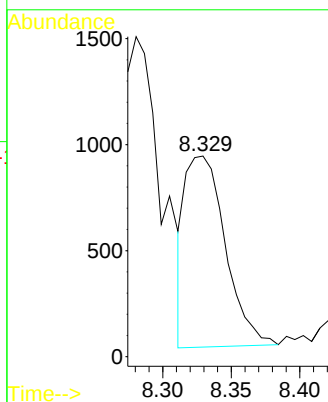
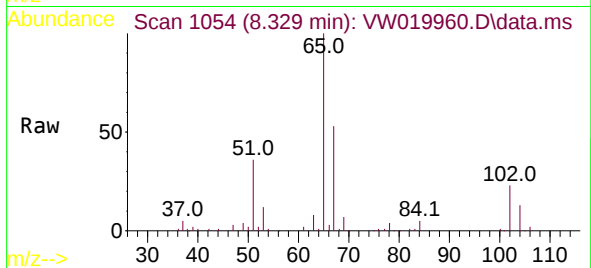
Delta R.T. -0.000 min

Lab File: VW019960.D

Acq: 31 Aug 2021 15:59

Tgt Ion: 78 Resp: 1842

Instrument :
MSVOA_W
ClientSampled :
GB6B7RE



#34

Trichloroethene

Concen: 4.636 ug/L

RT: 9.097 min Scan# 1180

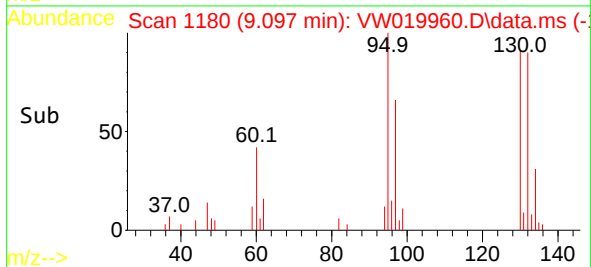
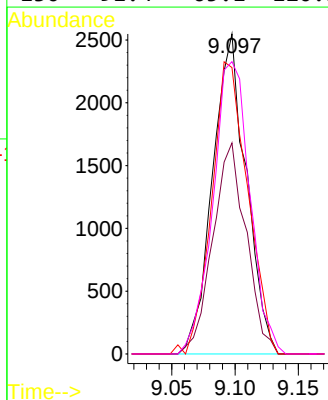
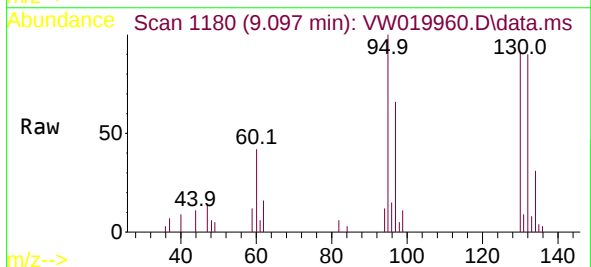
Delta R.T. 0.006 min

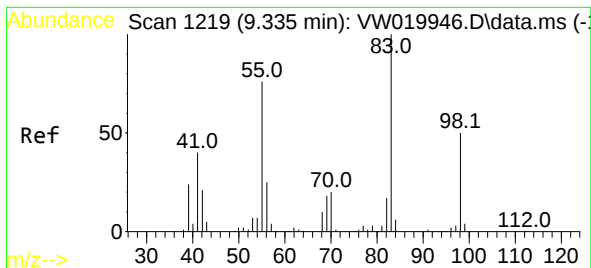
Lab File: VW019960.D

Acq: 31 Aug 2021 15:59

Tgt Ion: 95 Resp: 4714

Ion	Ratio	Lower	Upper
95	100		
97	66.0	47.3	87.8
132	89.5	71.0	131.8
130	91.4	65.1	120.9

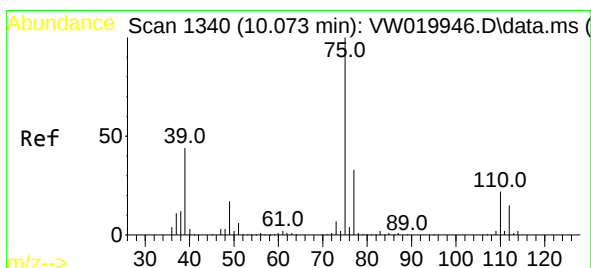
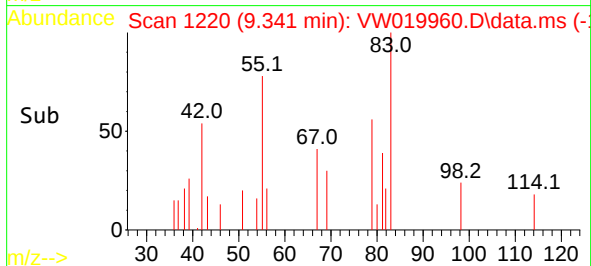
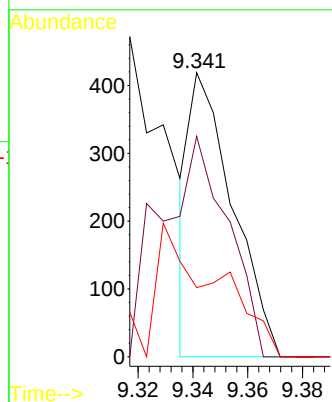
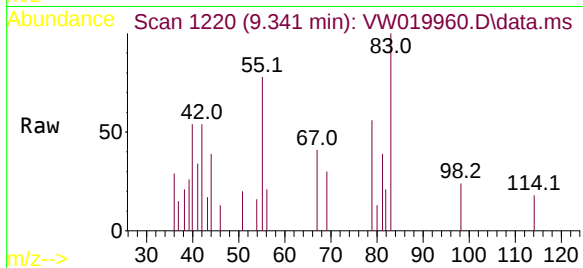




#35
Methylcyclohexane
Concen: 0.261 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

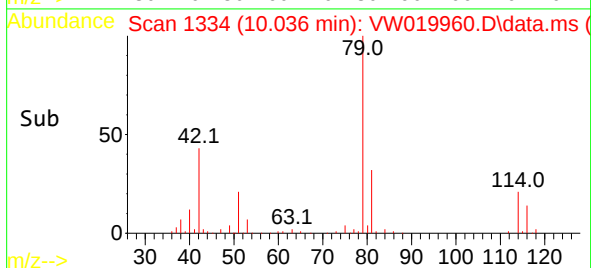
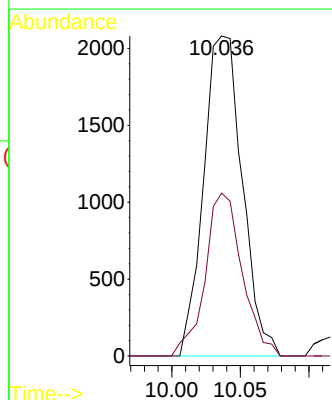
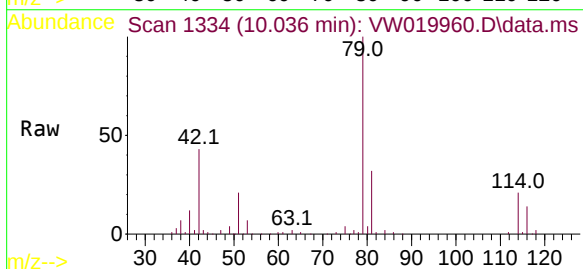
Instrument :
MSVOA_W
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GB6B7RE

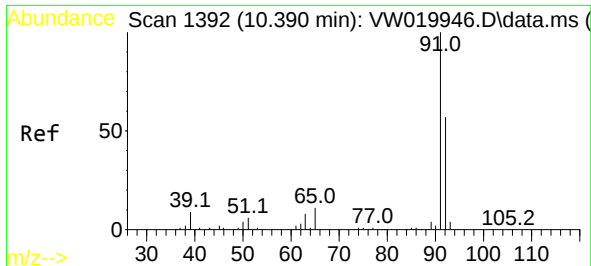
Tgt Ion: 83 Resp: 455
Ion Ratio Lower Upper
83 100
55 87.3 58.9 88.3
98 28.1 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 2.861 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion: 75 Resp: 4082
Ion Ratio Lower Upper
75 100
77 50.9 22.6 42.0#

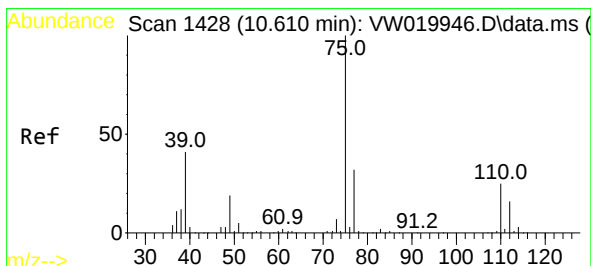
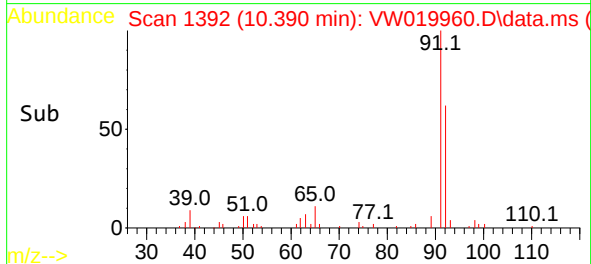
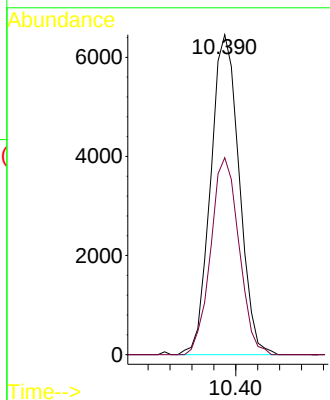
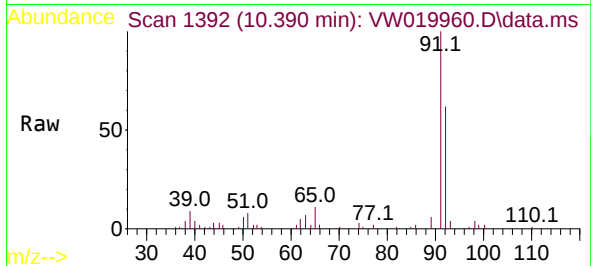




#42
Toluene
Concen: 2.814 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

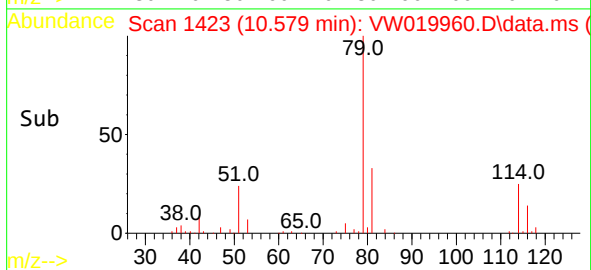
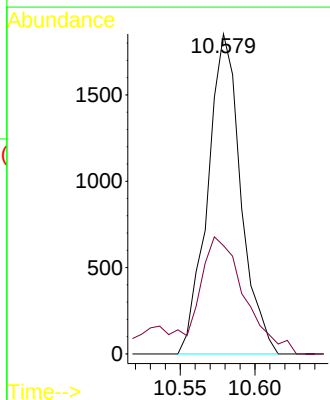
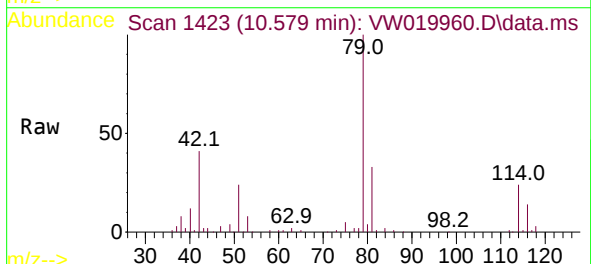
Instrument :
MSVOA_W
ClientSampled :
GB6B7RE

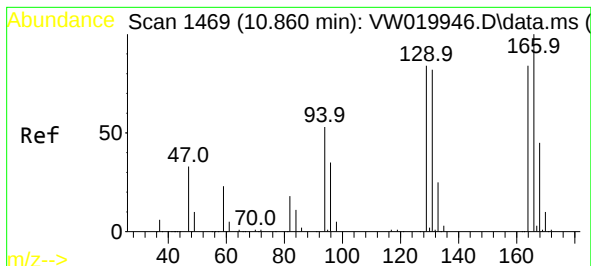
Tgt Ion: 91 Resp: 11658
Ion Ratio Lower Upper
91 100
92 61.6 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 2.282 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.031 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion: 75 Resp: 2865
Ion Ratio Lower Upper
75 100
77 33.8 21.1 39.1



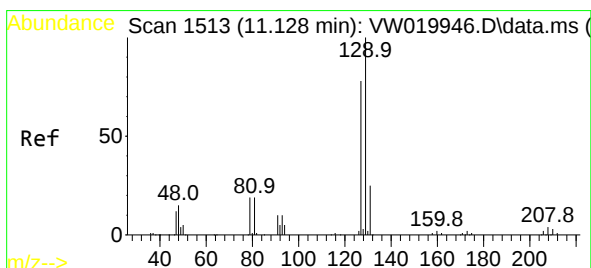
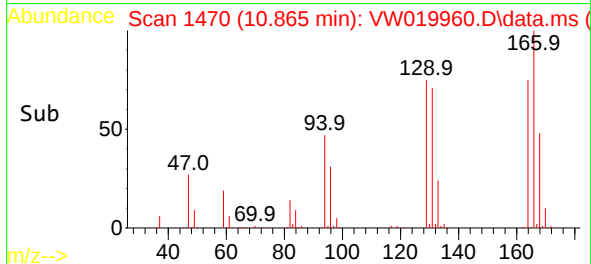
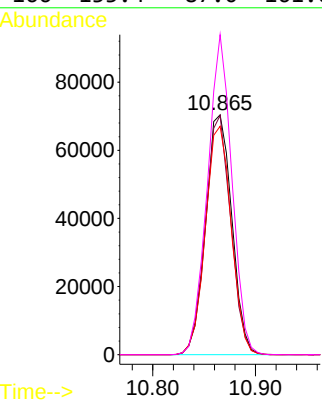
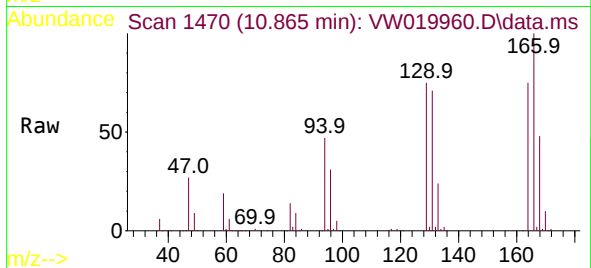


#46
Tetrachloroethene
Concen: 161.453 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Instrument :
MSVOA_W
ClientSampled :
GB6B7RE

Tgt Ion:164 Resp: 124363

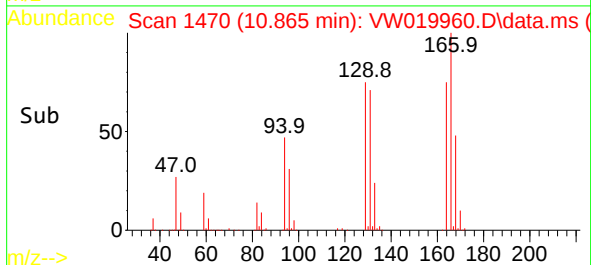
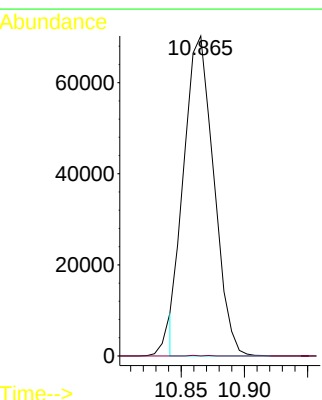
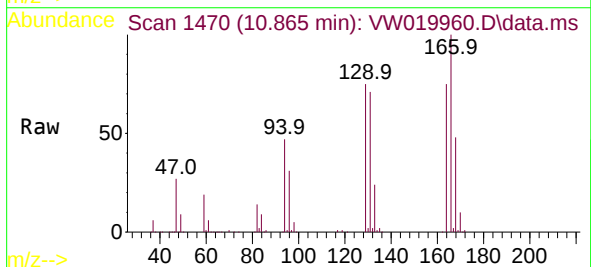
Ion	Ratio	Lower	Upper
164	100		
129	99.8	66.7	123.9
131	95.3	61.1	113.5
166	133.4	87.0	161.6

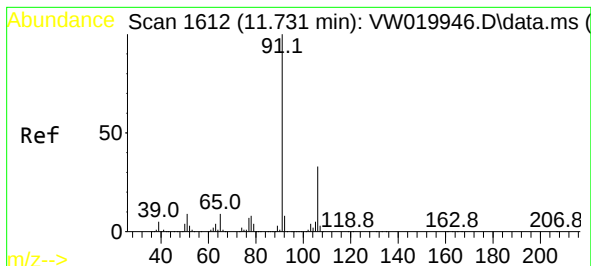


#49
Dibromochloromethane
Concen: 143.784 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion:129 Resp: 115353

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#

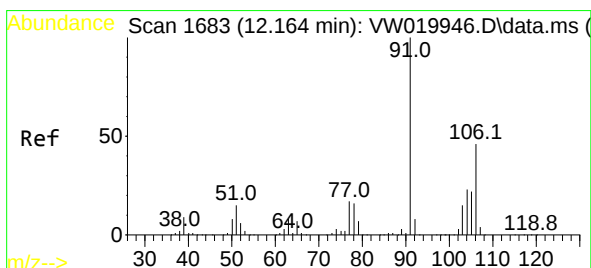
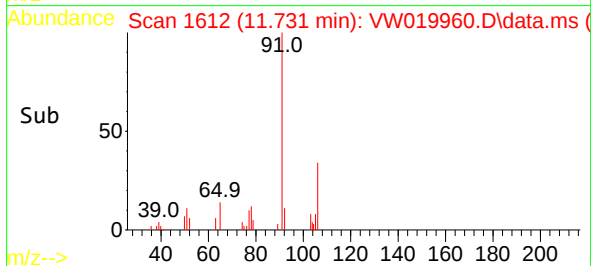
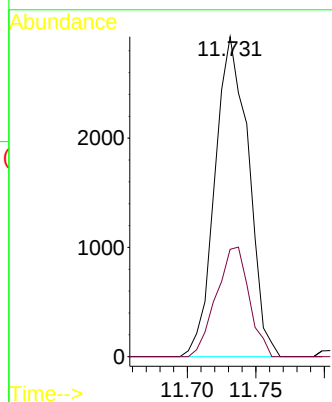
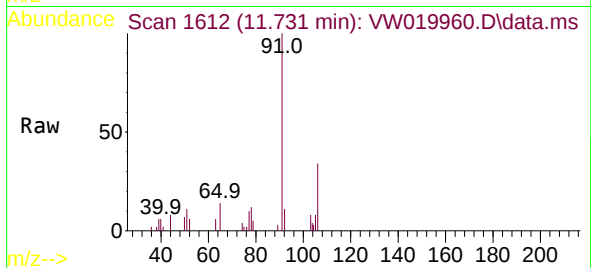




#52
Ethylbenzene
Concen: 1.119 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

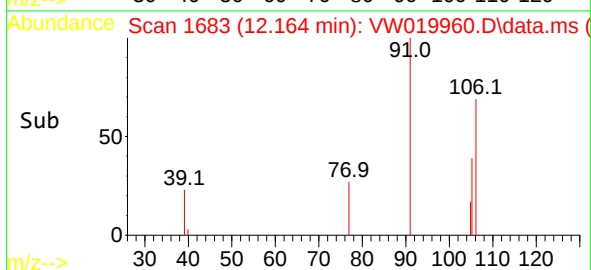
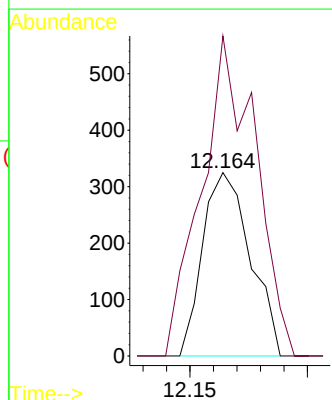
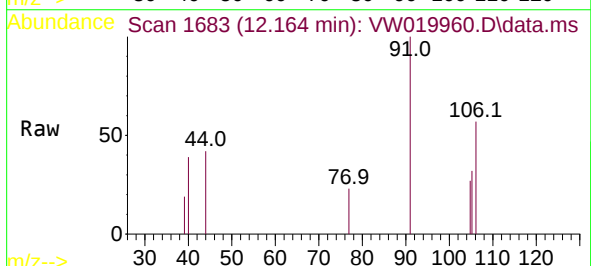
Instrument :
MSVOA_W
ClientSampleId :
GB6B7RE

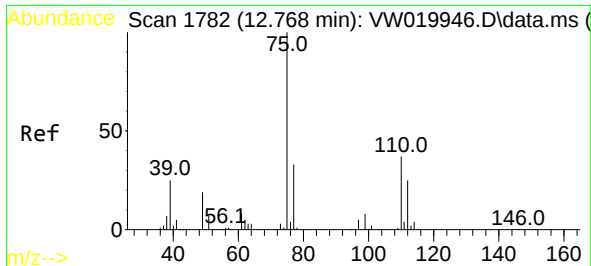
Tgt Ion: 91 Resp: 4990
Ion Ratio Lower Upper
91 100
106 33.5 22.5 41.7



#54
o-Xylene
Concen: 0.283 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion: 106 Resp: 458
Ion Ratio Lower Upper
106 100
91 174.5 150.0 278.6

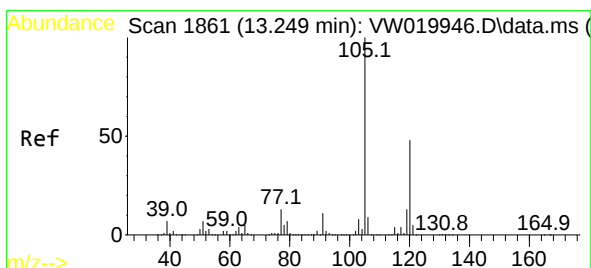
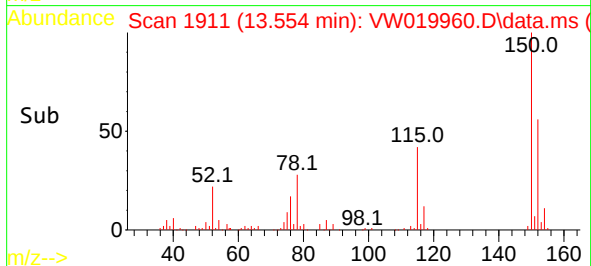
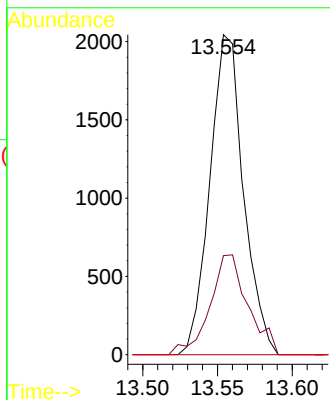
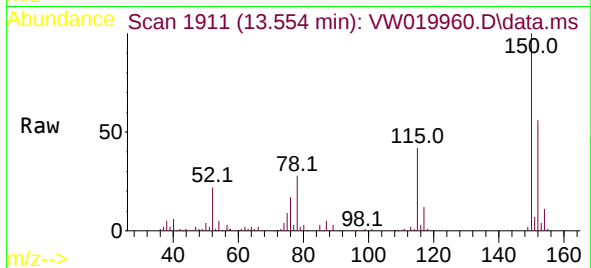




#61
1,2,3-Trichloropropane
Concen: 6.850 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Instrument :
MSVOA_W
ClientSampled :
GB6B7RE

Tgt Ion: 75 Resp: 3202
Ion Ratio Lower Upper
75 100
77 35.2 25.3 37.9
110 0.0 32.6 48.8#



#63
1,2,4-Trimethylbenzene
Concen: 0.566 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion: 105 Resp: 1479
Ion Ratio Lower Upper
105 100
120 38.4 35.6 53.4

