

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021360.D
 Acq On : 21 May 2021 15:45
 Operator : SY/MD
 Sample : M2494-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	279583	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	260801	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142022	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83211	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.568	69	70564	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.111	63	260119	8.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	170.40%#
20) 2-Butanone-d5	3.908	46	244500	50.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.352	84	173078	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.037	65	84381	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.053	84	364556	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.072	67	113243	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.320	98	336385	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	7.625	79	47013	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.092	63	163682	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65128	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	136931	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	1636	0.08	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1741	0.11	ug/L #	24
12) 1,1-Dichloroethene	2.118	96	319039	20.68	ug/L #	82
18) trans-1,2-Dichloroethene	2.764	96	2978	0.16	ug/L	97
19) 1,1-Dichloroethane	3.191	63	292495	8.81	ug/L	100
22) cis-1,2-Dichloroethene	3.918	96	21875	1.06	ug/L	100
27) 1,2-Dichloroethane	5.146	62	7162	0.37	ug/L #	91
34) Trichloroethene	5.915	95	257668	11.58	ug/L	99
35) Methylcyclohexane	6.072	83	27368	0.81	ug/L #	19
39) cis-1,3-Dichloropropene	6.995	75	3294	0.11	ug/L #	75
42) Toluene	7.400	91	6722	0.08	ug/L	88
47) Tetrachloroethene	7.982	164	2826	0.16	ug/L	91
48) 2-Hexanone	8.146	43	43358	5.24	ug/L #	87
49) Dibromochloromethane	7.982	129	2499	0.14	ug/L #	11
60) Isopropylbenzene	10.924	105	1412	0.02	ug/L #	74
61) 1,2,3-Trichloropropane	11.249	75	14439	1.37	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.924	105	1412	0.02	ug/L	98
63) 1,2,4-Trimethylbenzene	10.924	105	1412	0.02	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
Data File : VV021360.D
Acq On : 21 May 2021 15:45
Operator : SY/MD
Sample : M2494-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 22 01:39:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

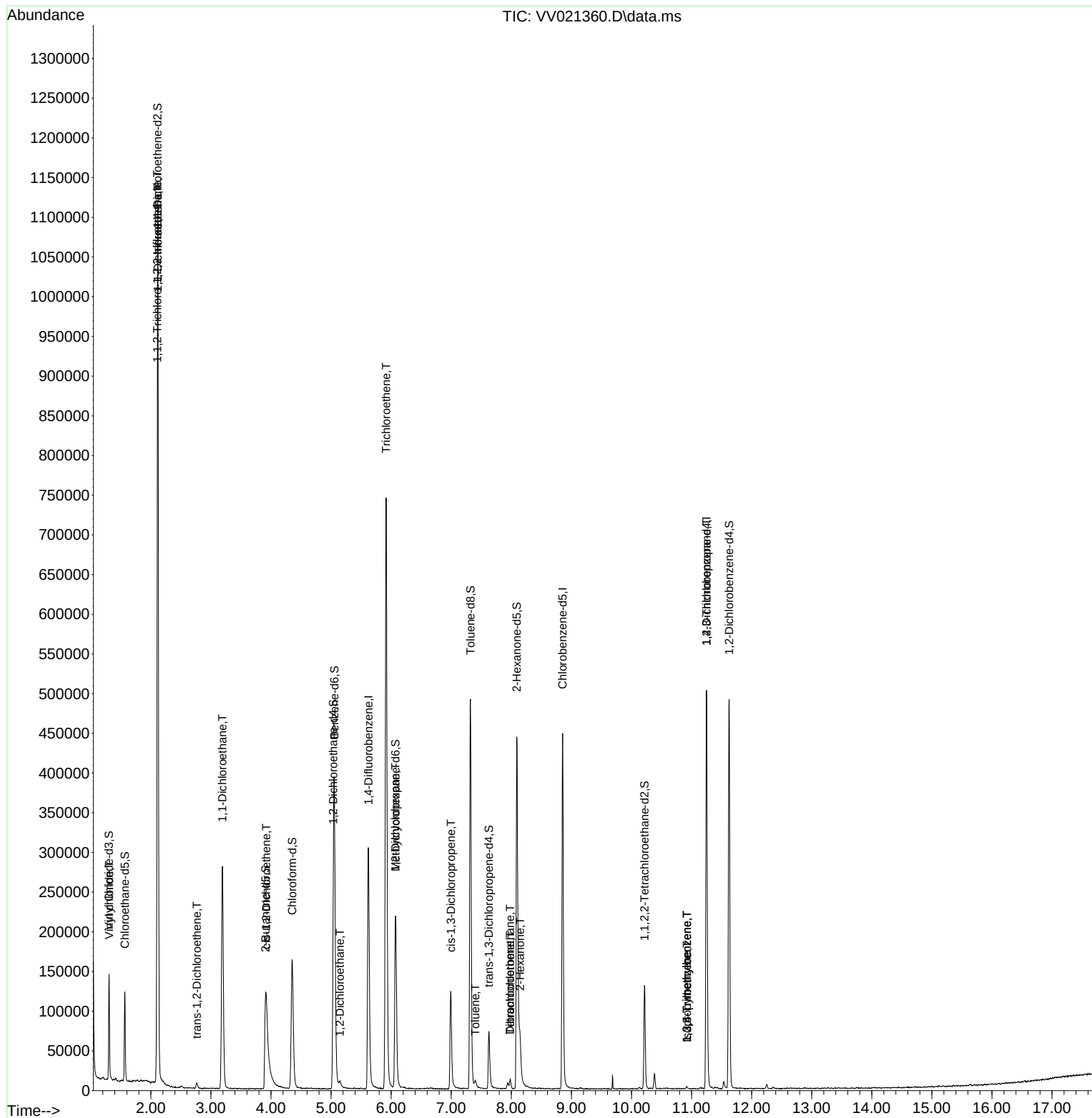
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

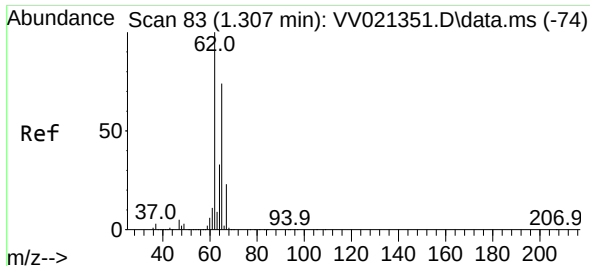
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
Data File : VV021360.D
Acq On : 21 May 2021 15:45
Operator : SY/MD
Sample : M2494-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 22 01:39:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

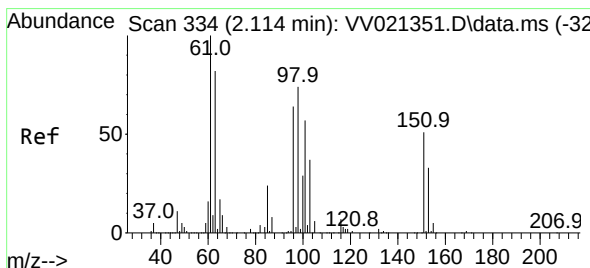
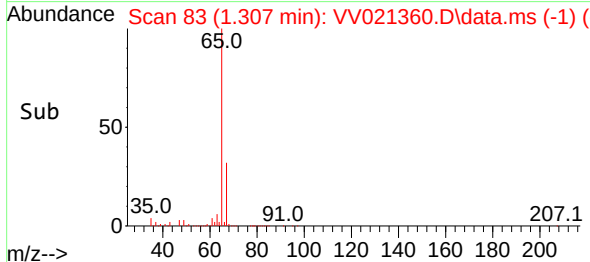
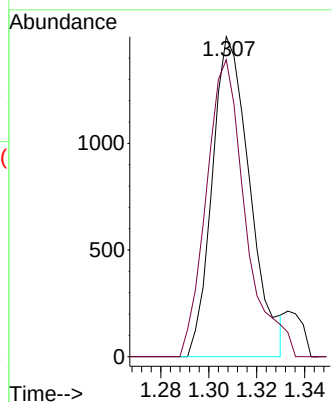
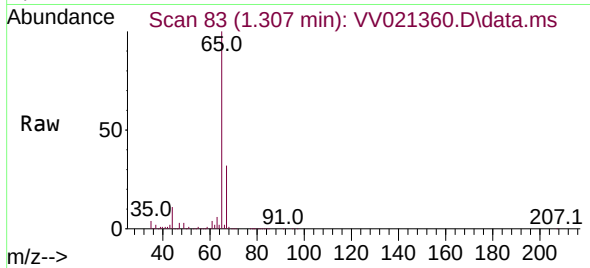




#5
 Vinyl chloride
 Concen: 0.08 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021360.D
 Acq: 21 May 2021 15:45

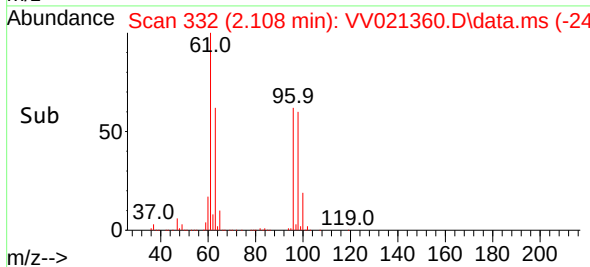
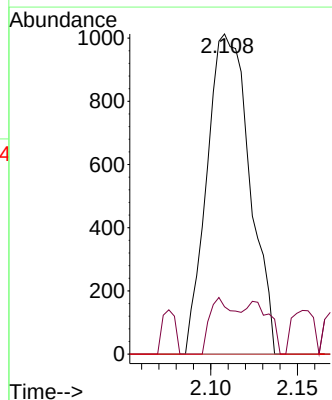
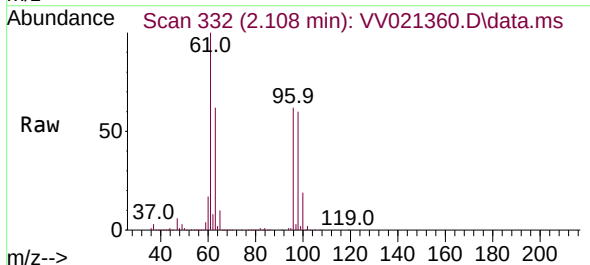
Instrument :
 MSVOA_V
 ClientSampled :

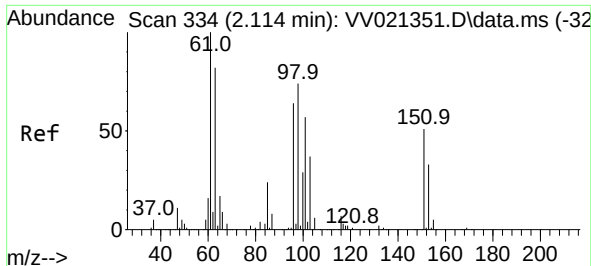
Tgt Ion: 62 Resp: 1636
 Ion Ratio Lower Upper
 62 100
 64 92.8 22.8 42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.11 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV021360.D
 Acq: 21 May 2021 15:45

Tgt Ion: 101 Resp: 1741
 Ion Ratio Lower Upper
 101 100
 85 11.0 33.0 49.6#
 151 0.0 64.2 96.2#

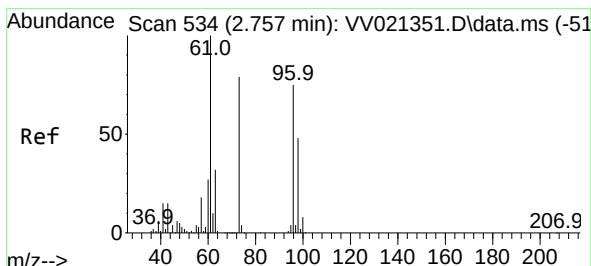
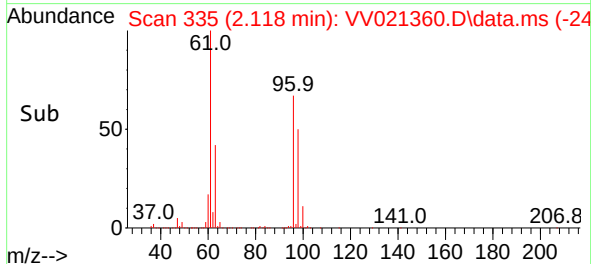
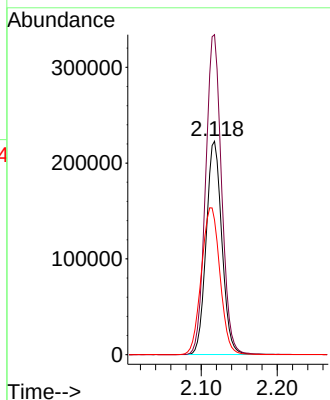
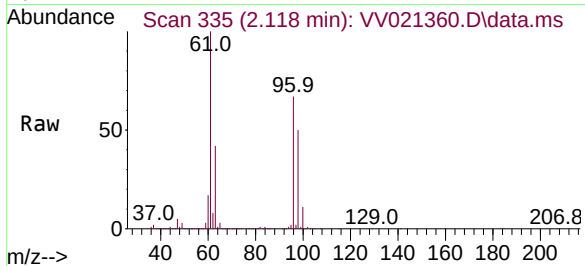




#12
1,1-Dichloroethene
Concen: 20.68 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

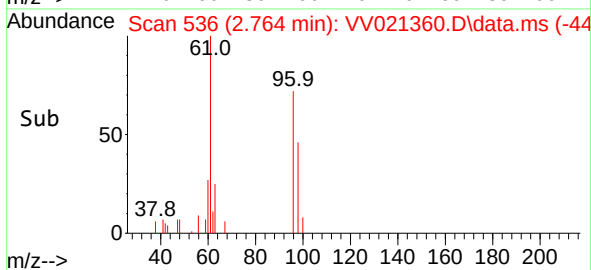
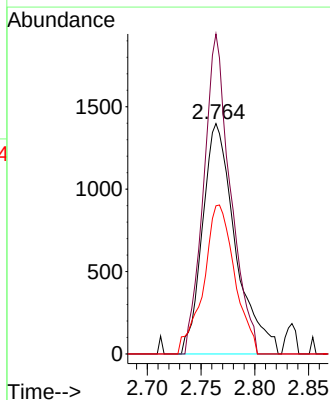
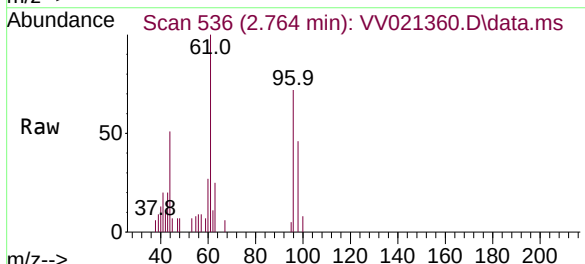
Instrument :
MSVOA_V
ClientSampleId :

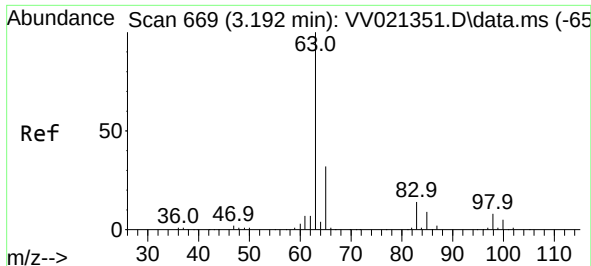
Tgt Ion: 96 Resp: 319039
Ion Ratio Lower Upper
96 100
61 149.9 109.8 204.0
63 63.2 71.3 132.3#



#18
trans-1,2-Dichloroethene
Concen: 0.16 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion: 96 Resp: 2978
Ion Ratio Lower Upper
96 100
61 138.9 94.1 174.8
98 64.3 45.0 83.6

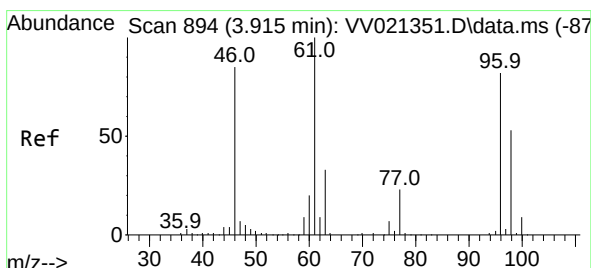
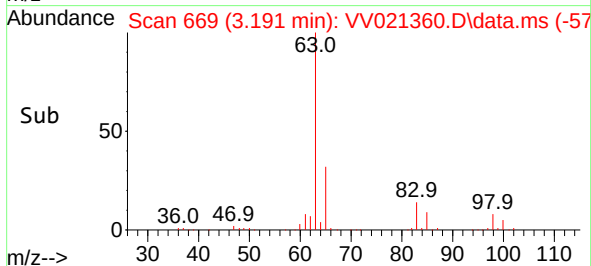
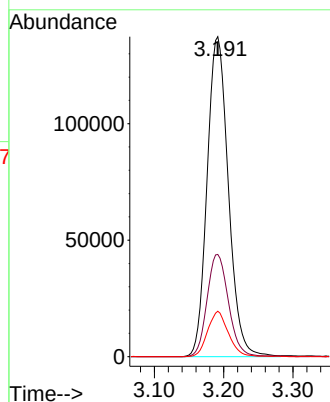
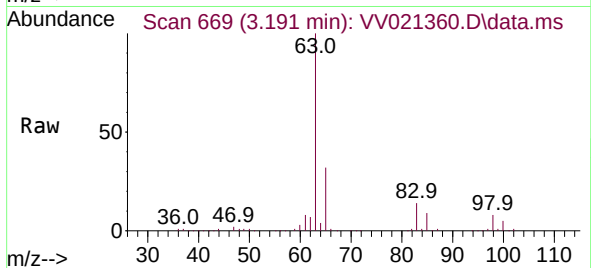




#19
1,1-Dichloroethane
Concen: 8.81 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

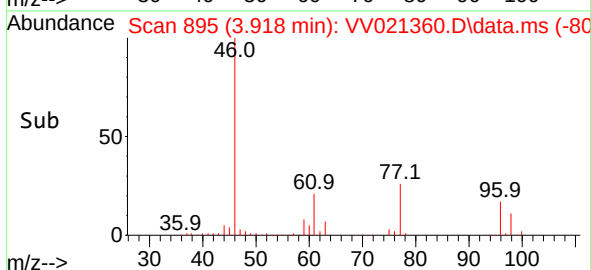
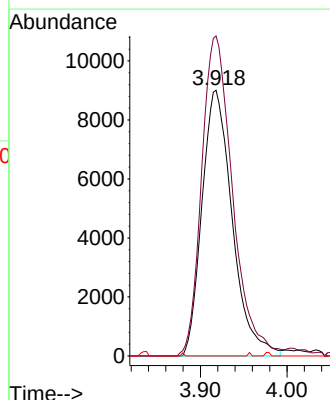
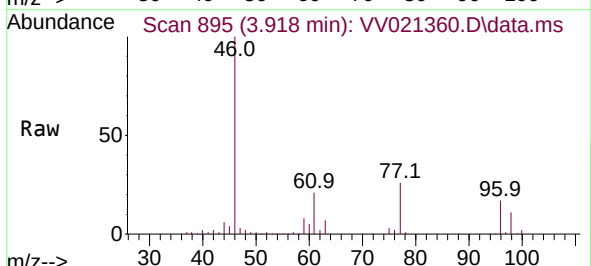
Instrument :
MSVOA_V
ClientSampled :

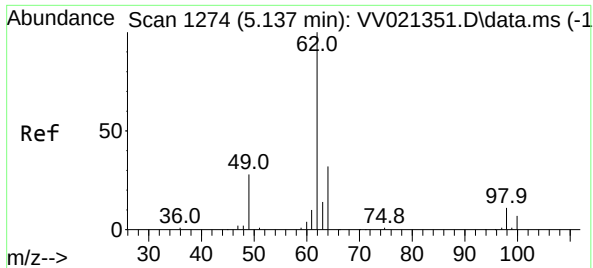
Tgt Ion:	63	Resp:	292495
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.5
83	14.2	9.7	17.9



#22
cis-1,2-Dichloroethene
Concen: 1.06 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion:	96	Resp:	21875
Ion	Ratio	Lower	Upper
96	100		
61	120.4	84.6	157.2
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.37 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.010 min

Lab File: VV021360.D

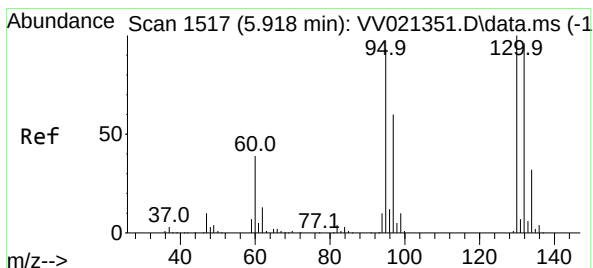
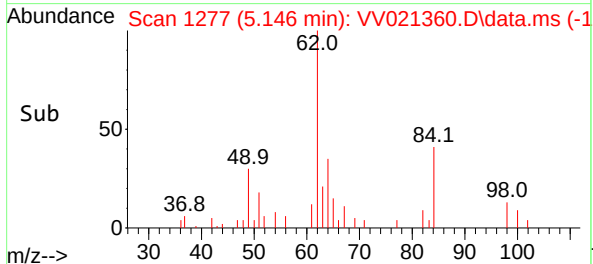
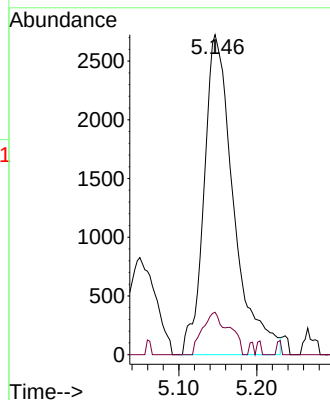
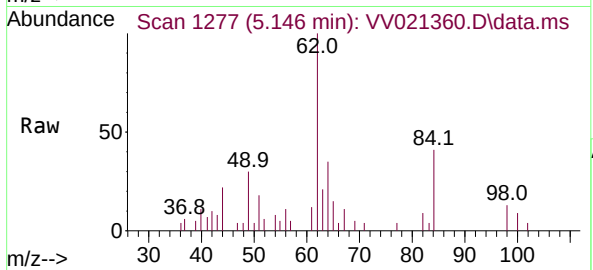
Acq: 21 May 2021 15:45

Tgt Ion: 62 Resp: 7162

Ion Ratio Lower Upper

62 100

98 13.2 8.0 12.0#



#34

Trichloroethene

Concen: 11.58 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV021360.D

Acq: 21 May 2021 15:45

Tgt Ion: 95 Resp: 257668

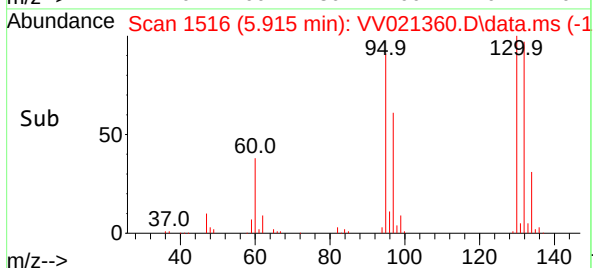
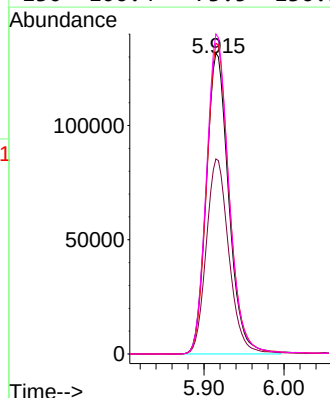
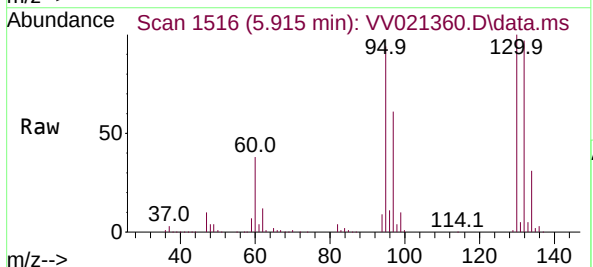
Ion Ratio Lower Upper

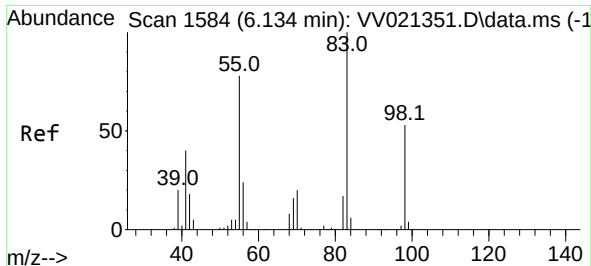
95 100

97 64.8 45.1 83.9

132 103.2 71.5 132.9

130 106.4 73.5 136.5





#35

Methylcyclohexane

Concen: 0.81 ug/L

RT: 6.072 min Scan# 1565

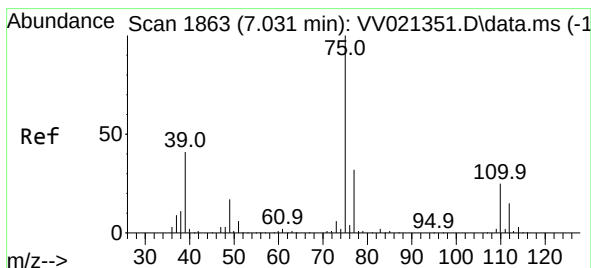
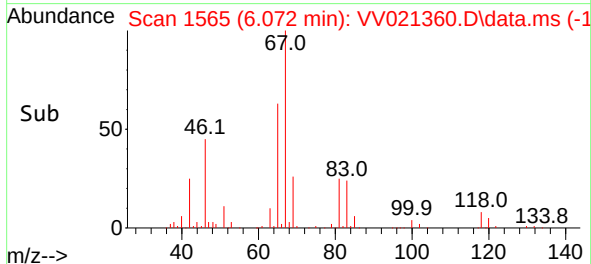
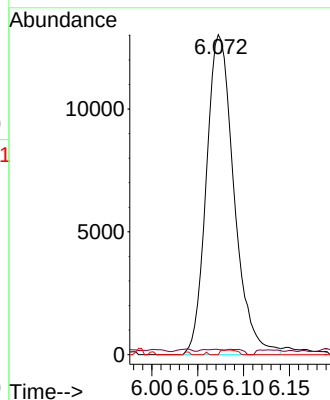
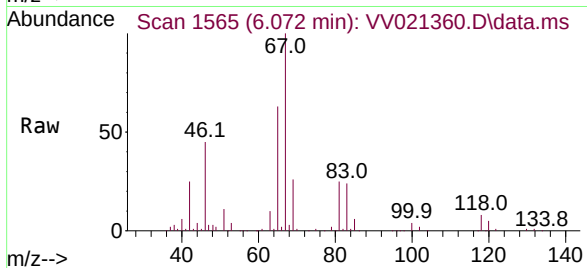
Delta R.T. -0.061 min

Lab File: VV021360.D

Acq: 21 May 2021 15:45

Tgt Ion:	83	Resp:	27368
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.1	88.7#
98	0.0	40.1	60.1#

Instrument :
MSVOA_V
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.11 ug/L

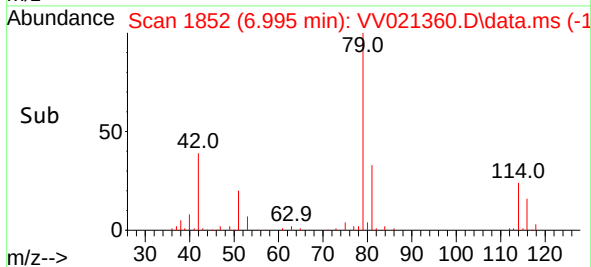
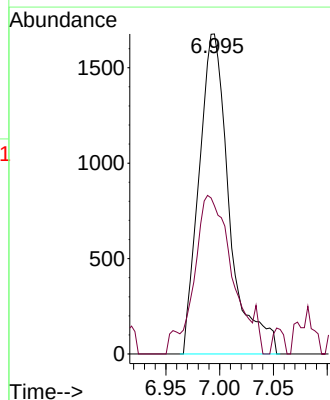
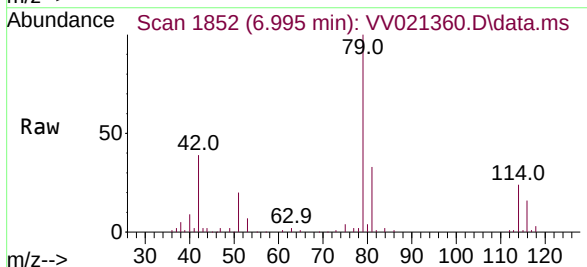
RT: 6.995 min Scan# 1852

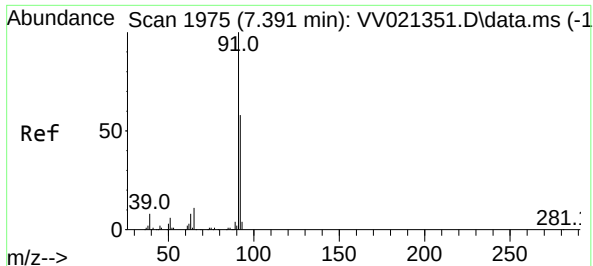
Delta R.T. -0.035 min

Lab File: VV021360.D

Acq: 21 May 2021 15:45

Tgt Ion:	75	Resp:	3294
Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.5	41.9#





#42

Toluene

Concen: 0.08 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV021360.D

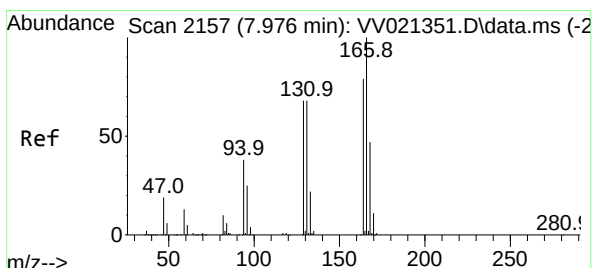
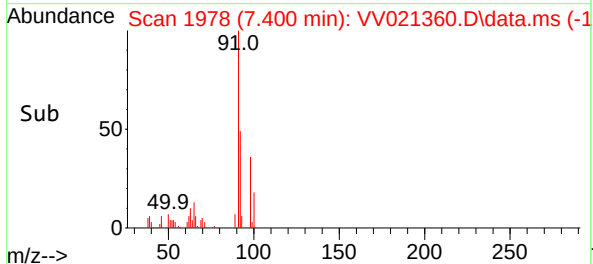
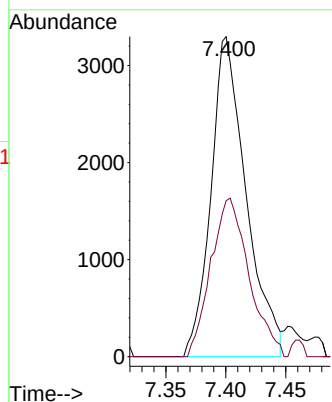
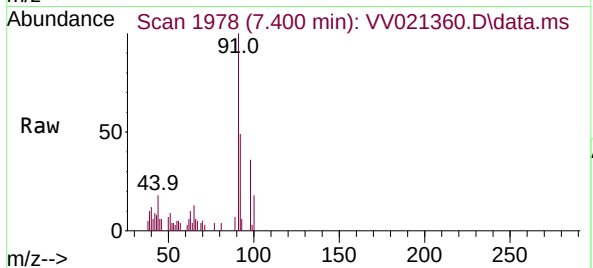
Acq: 21 May 2021 15:45

Tgt Ion: 91 Resp: 6722

Ion Ratio Lower Upper

91 100

92 48.7 40.5 75.1



#47

Tetrachloroethene

Concen: 0.16 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV021360.D

Acq: 21 May 2021 15:45

Tgt Ion: 164 Resp: 2826

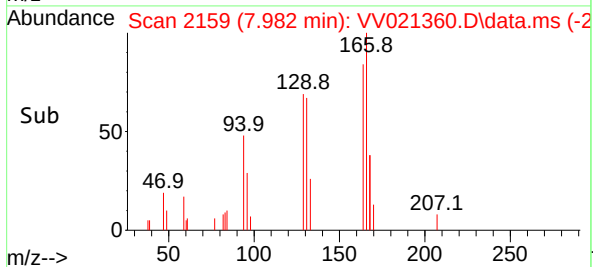
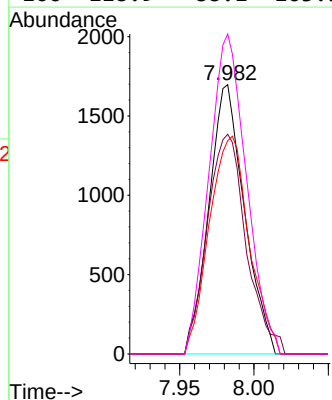
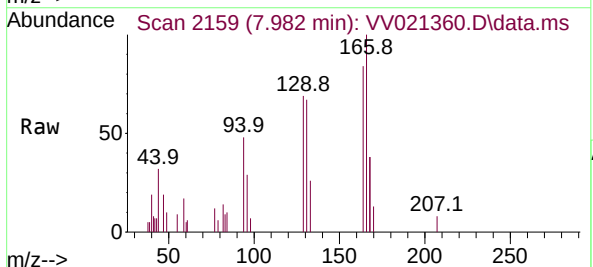
Ion Ratio Lower Upper

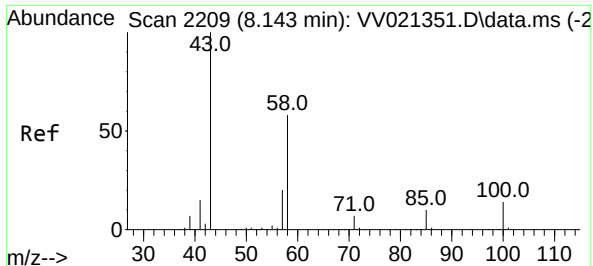
164 100

129 81.6 65.0 120.6

131 79.2 61.8 114.8

166 118.9 88.1 163.5

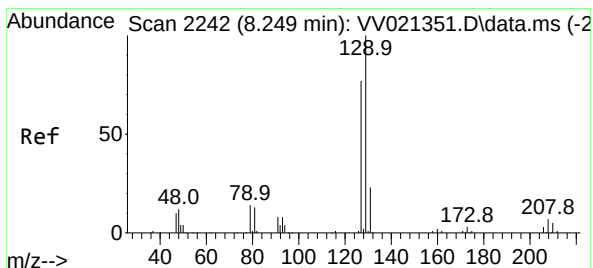
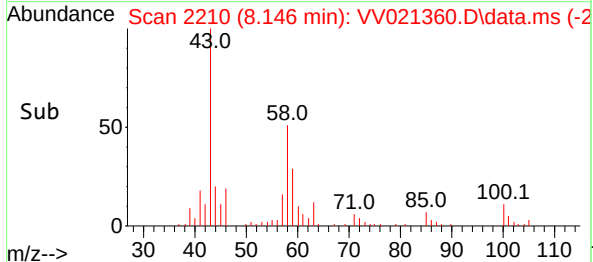
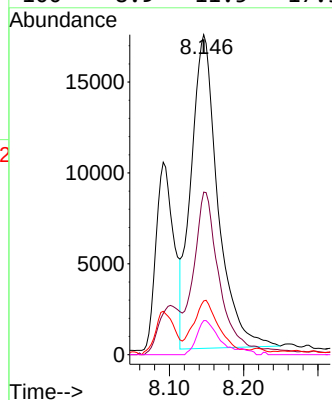
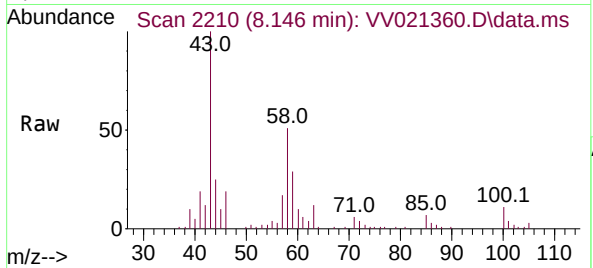




#48
2-Hexanone
Concen: 5.24 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

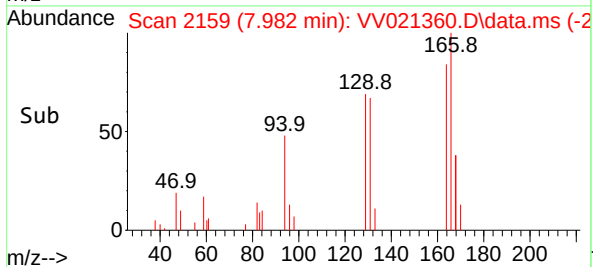
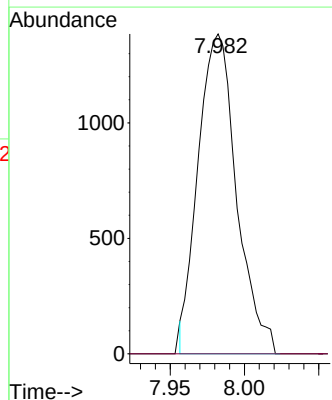
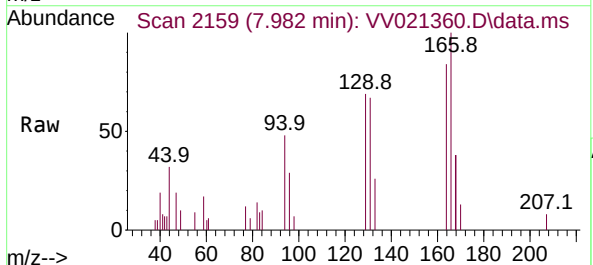
Instrument :
MSVOA_V
ClientSampled :

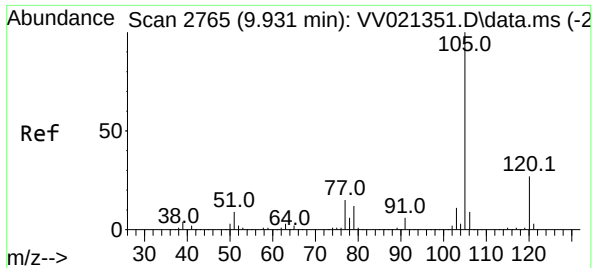
Tgt Ion:	43	Resp:	43358
Ion	Ratio	Lower	Upper
43	100		
58	49.2	47.8	71.8
57	15.7	16.6	24.8#
100	8.9	11.5	17.3#



#49
Dibromochloromethane
Concen: 0.14 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.267 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion:	129	Resp:	2499
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#

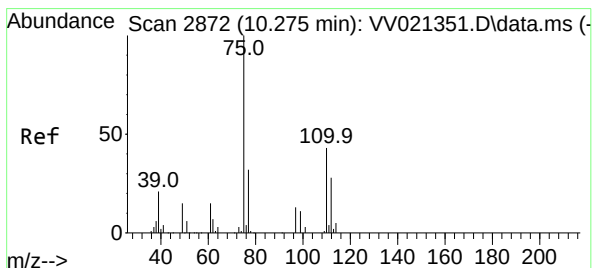
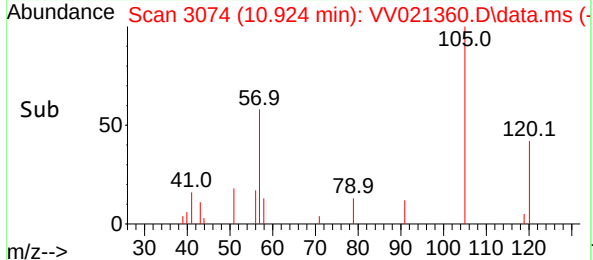
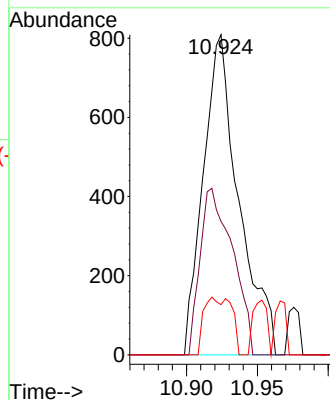
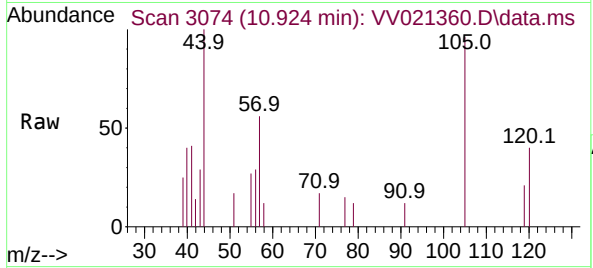




#60
Isopropylbenzene
Concen: 0.02 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.993 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

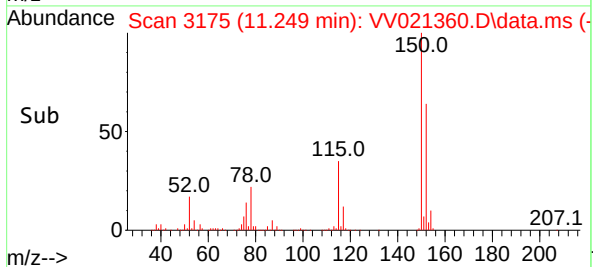
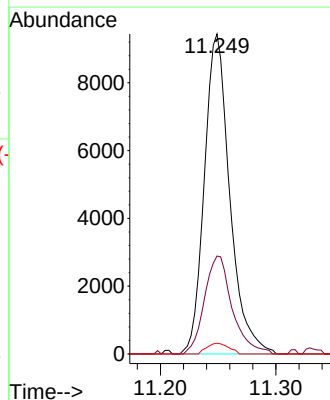
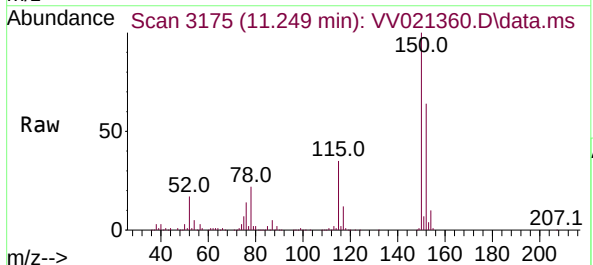
Instrument :
MSVOA_V
ClientSampled :

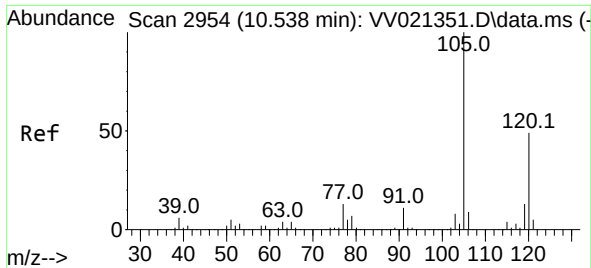
Tgt Ion:105 Resp: 1412
Ion Ratio Lower Upper
105 100
120 47.5 21.7 32.5#
77 14.0 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 1.37 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion: 75 Resp: 14439
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
110 2.9 33.2 49.8#

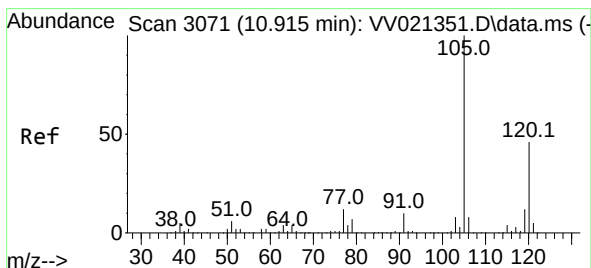
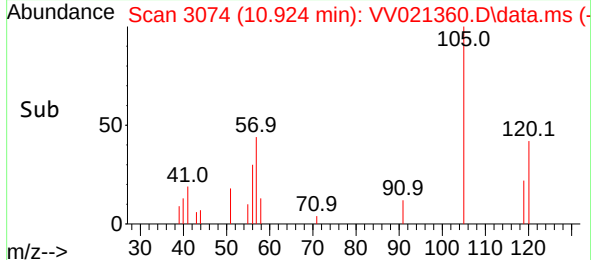
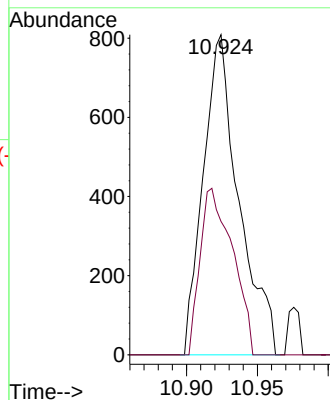
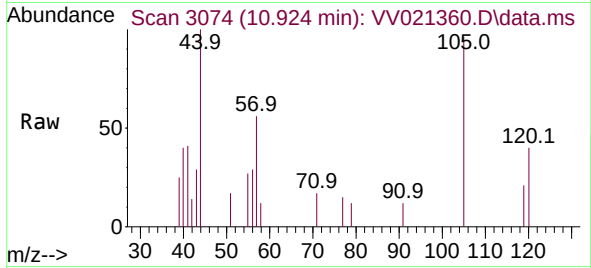




#62
1,3,5-Trimethylbenzene
Concen: 0.02 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.386 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 1412
Ion Ratio Lower Upper
105 100
120 47.5 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.010 min
Lab File: VV021360.D
Acq: 21 May 2021 15:45

Tgt Ion:105 Resp: 1412
Ion Ratio Lower Upper
105 100
120 47.5 36.7 55.1

