

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022598.D
 Acq On : 06 Oct 2021 03:25
 Operator : SY/MD
 Sample : M4050-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96977	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	89763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	36265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15364	4.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.564	69	21883	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.104	63	29518	3.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.883	46	96747	52.675	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.340%
24) Chloroform-d	4.349	84	53621	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.037	65	29493	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.053	84	99382	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.072	67	35341	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.320	98	72413	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	8596	4.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.088	63	60344	51.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.200%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26315	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.628	152	27833	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	312	0.042	ug/L #	21
13) Acetone	2.172	43	6788	6.872	ug/L #	23
14) Carbon disulfide	2.291	76	2669	0.154	ug/L #	93
22) cis-1,2-Dichloroethene	3.915	96	7050	1.004	ug/L	97
27) 1,2-Dichloroethane	5.047	62	569	0.084	ug/L #	74
33) Benzene	5.108	78	3368	0.139	ug/L	100
34) Trichloroethene	5.918	95	5676	0.807	ug/L	93
35) Methylcyclohexane	6.072	83	8710	0.884	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	3967	0.672	ug/L #	84
42) Toluene	7.394	91	26402	1.039	ug/L	98
48) 2-Hexanone	8.146	43	7913	3.384	ug/L #	85
52) Ethylbenzene	9.017	91	4363	0.167	ug/L #	81
53) m,p-xylene	9.143	106	5941	0.597	ug/L	88
54) o-xylene	9.548	106	1774	0.179	ug/L	78
60) Isopropylbenzene	9.937	105	1723	0.088	ug/L	94
61) 1,2,3-Trichloropropane	11.252	75	3746	1.394	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.921	105	2057	0.130	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	2057	0.128	ug/L	99

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MSVOA_V
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Quant Time: Oct 06 08:08:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

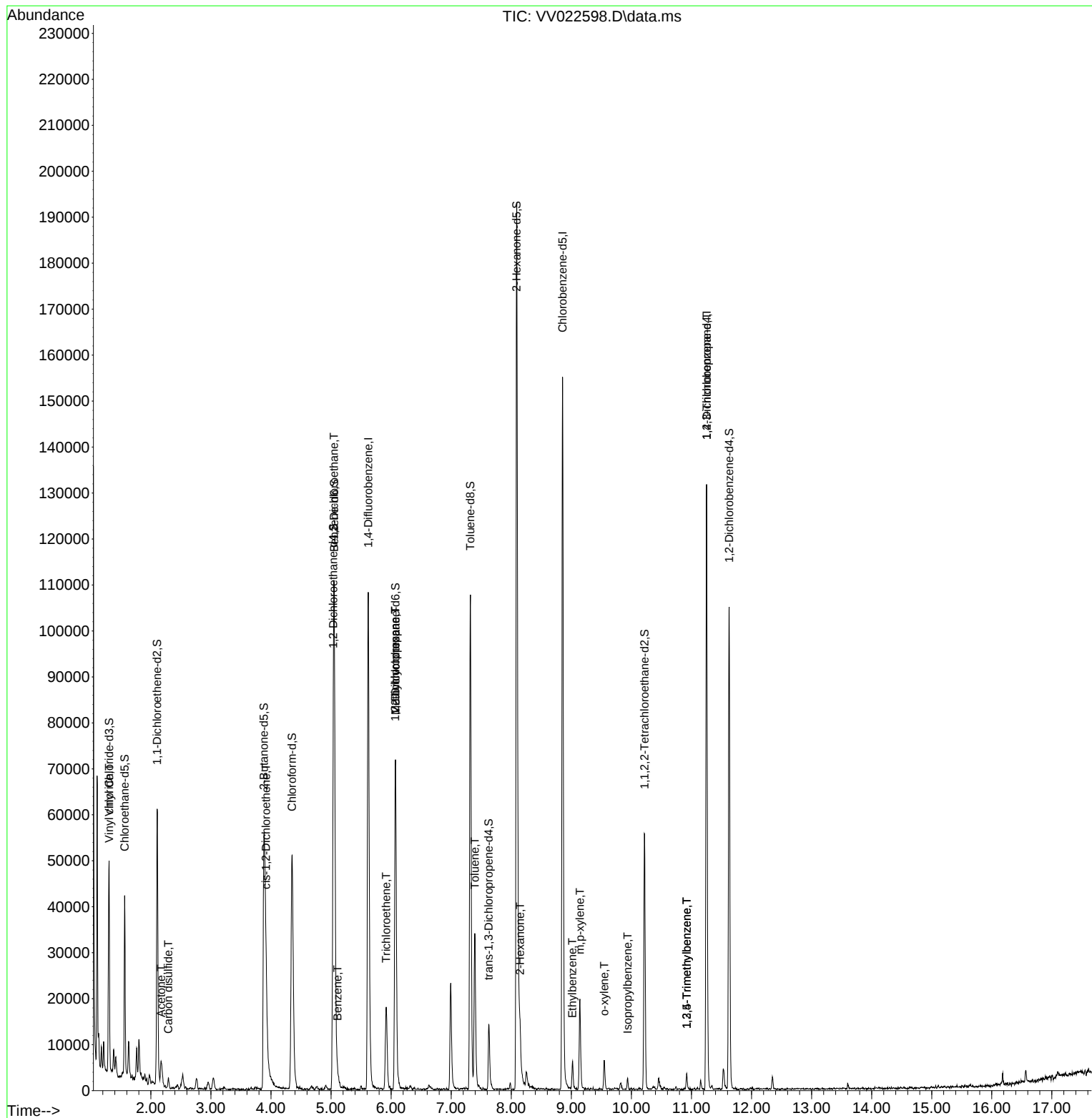
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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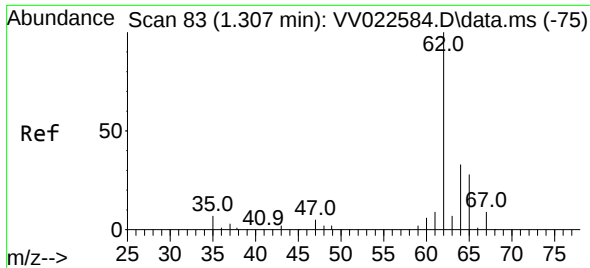
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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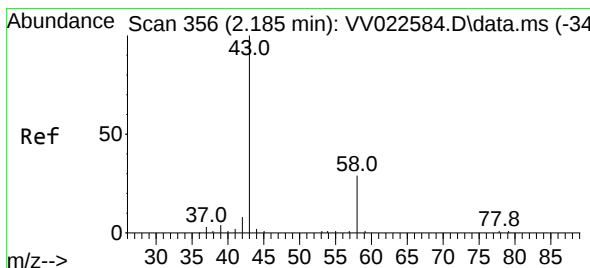
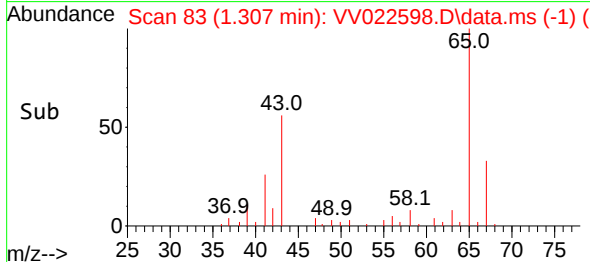
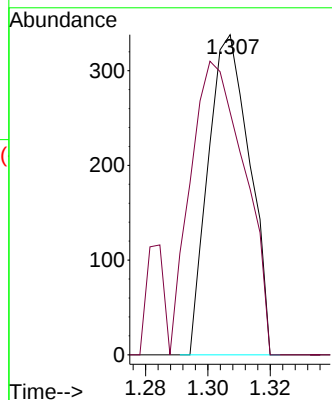
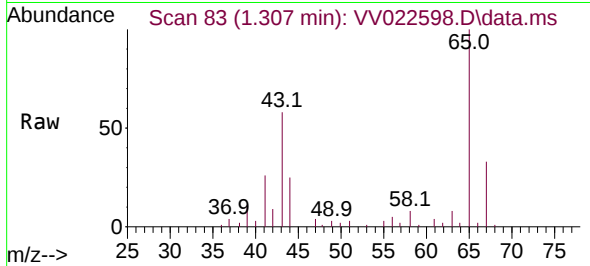




#5
 Vinyl chloride
 Concen: 0.042 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022598.D
 Acq: 06 Oct 2021 03:25

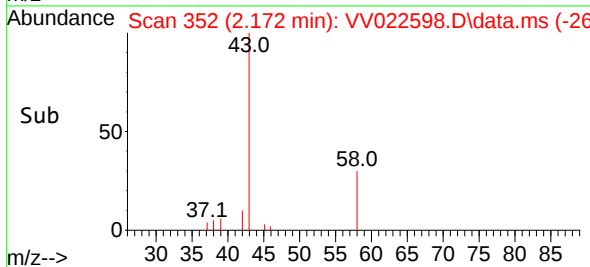
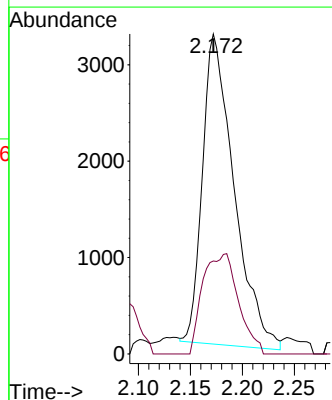
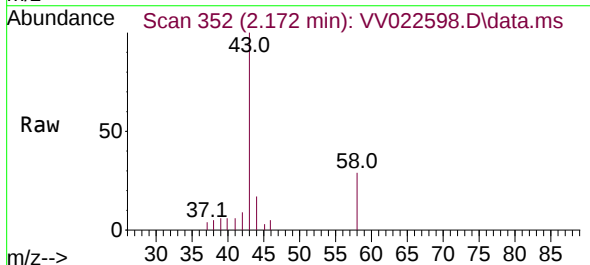
Instrument :
 MSVOA_V
 ClientSampled :

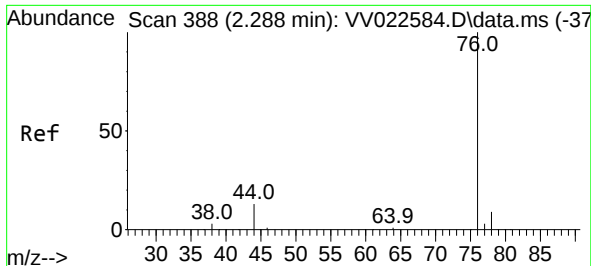
Tgt Ion: 62 Resp: 312
 Ion Ratio Lower Upper
 62 100
 64 75.7 22.3 41.5#



#13
 Acetone
 Concen: 6.872 ug/L
 RT: 2.172 min Scan# 352
 Delta R.T. -0.013 min
 Lab File: VV022598.D
 Acq: 06 Oct 2021 03:25

Tgt Ion: 43 Resp: 6788
 Ion Ratio Lower Upper
 43 100
 58 36.5 0.0 17.6#

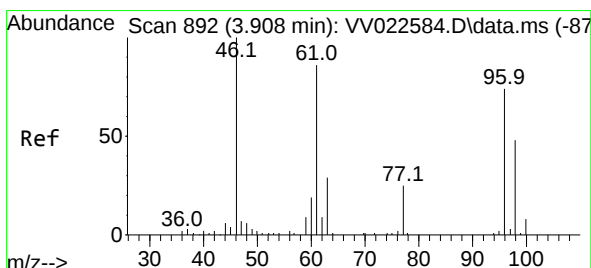
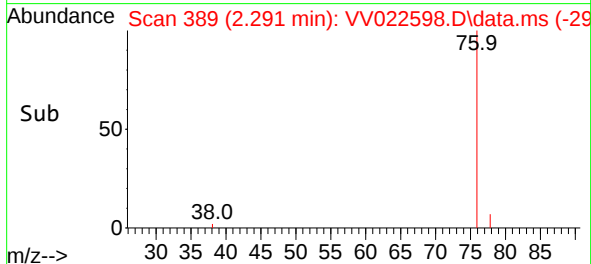
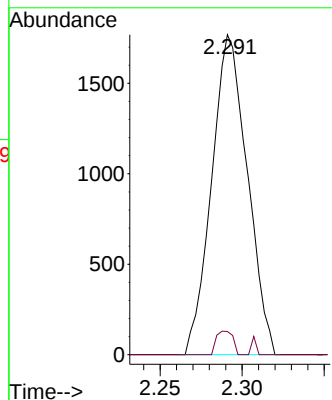
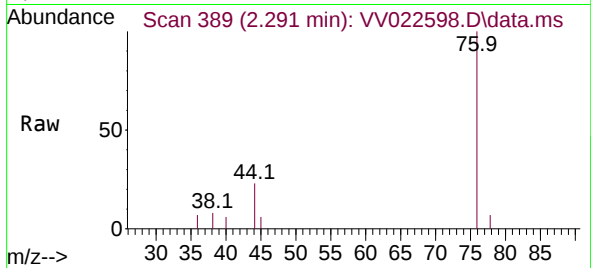




#14
Carbon disulfide
Concen: 0.154 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

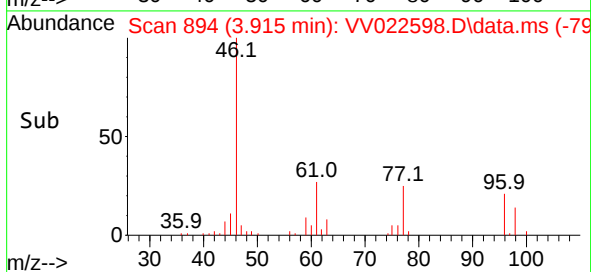
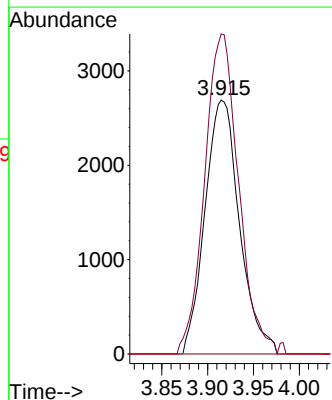
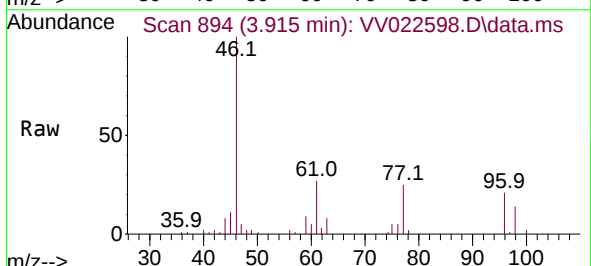
Instrument :
MSVOA_V
ClientSampled :

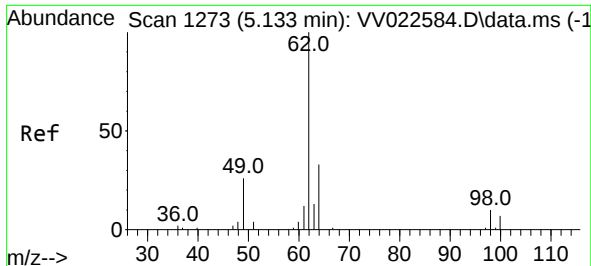
Tgt Ion: 76 Resp: 2669
Ion Ratio Lower Upper
76 100
78 7.2 7.8 11.6#



#22
cis-1,2-Dichloroethene
Concen: 1.004 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion: 96 Resp: 7050
Ion Ratio Lower Upper
96 100
61 126.0 85.6 159.0
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.087 min

Lab File: VV022598.D

Acq: 06 Oct 2021 03:25

Tgt Ion: 62 Resp: 569

Ion Ratio Lower Upper

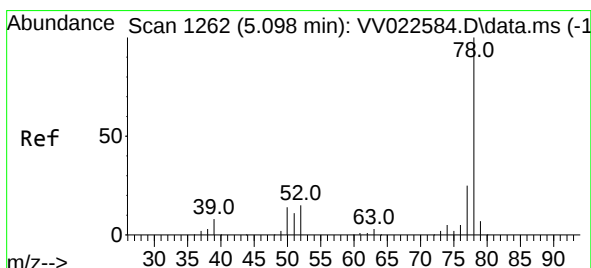
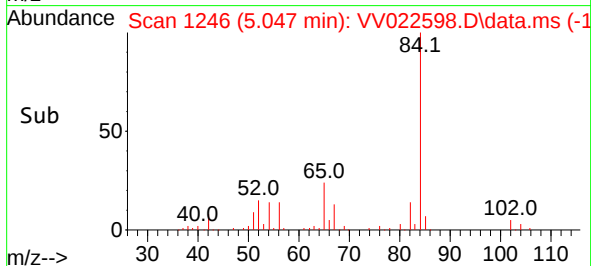
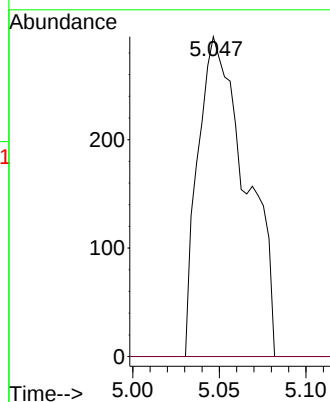
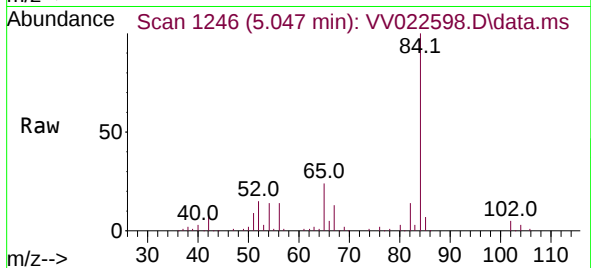
62 100

98 0.0 7.4 11.2#

Instrument :

MSVOA_V

ClientSampled :



#33

Benzene

Concen: 0.139 ug/L

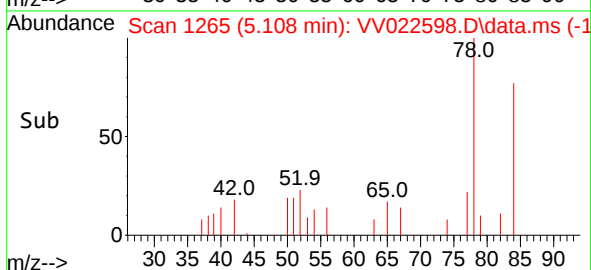
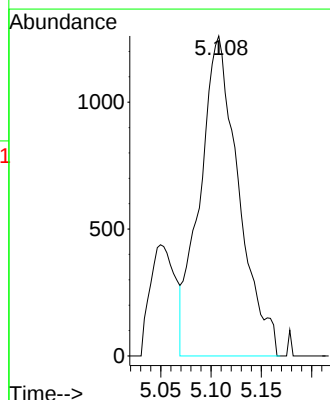
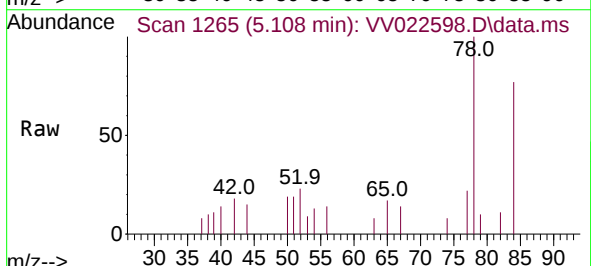
RT: 5.108 min Scan# 1265

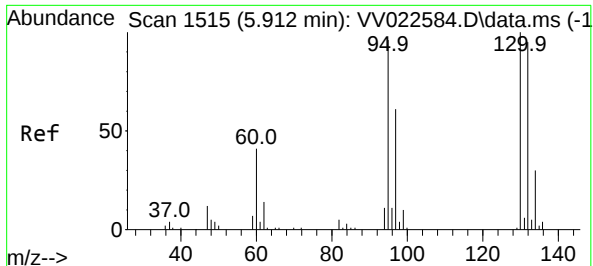
Delta R.T. 0.009 min

Lab File: VV022598.D

Acq: 06 Oct 2021 03:25

Tgt Ion: 78 Resp: 3368





#34

Trichloroethene

Concen: 0.807 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022598.D

Acq: 06 Oct 2021 03:25

Tgt Ion: 95 Resp: 5676

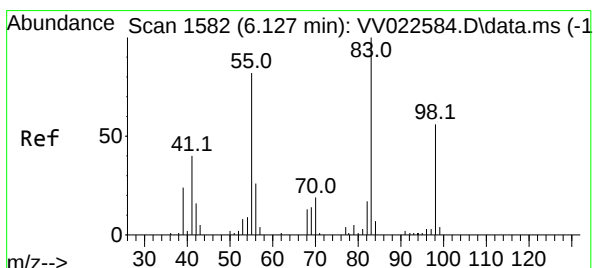
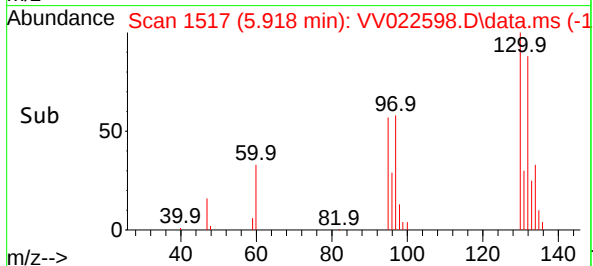
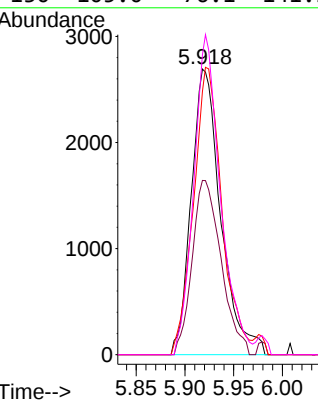
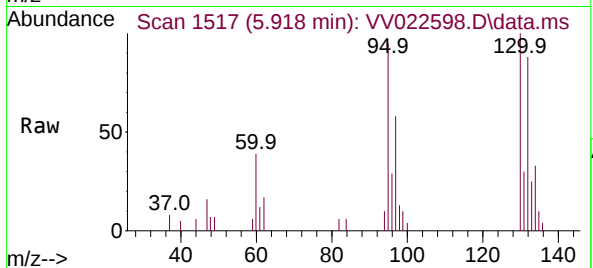
Ion Ratio Lower Upper

95 100

97 61.0 46.5 86.5

132 92.2 73.0 135.6

130 105.0 76.1 141.3



#35

Methylcyclohexane

Concen: 0.884 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022598.D

Acq: 06 Oct 2021 03:25

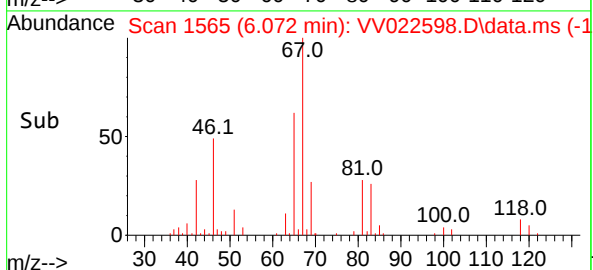
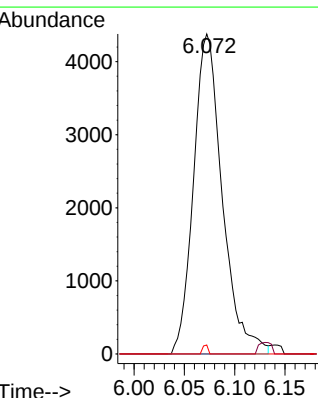
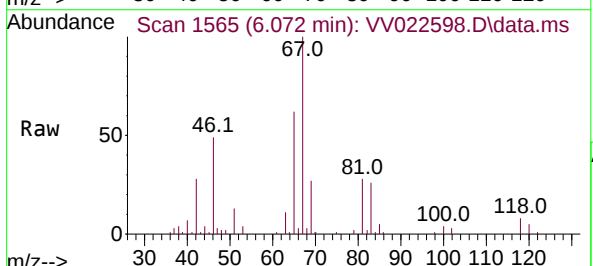
Tgt Ion: 83 Resp: 8710

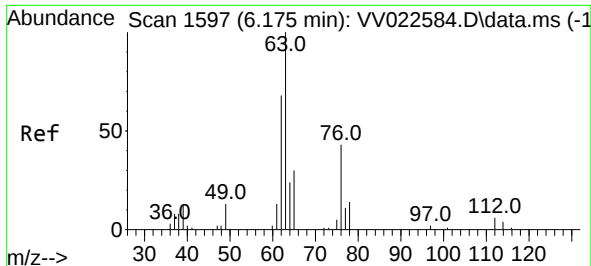
Ion Ratio Lower Upper

83 100

55 1.6 57.8 86.8#

98 0.5 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV022598.D

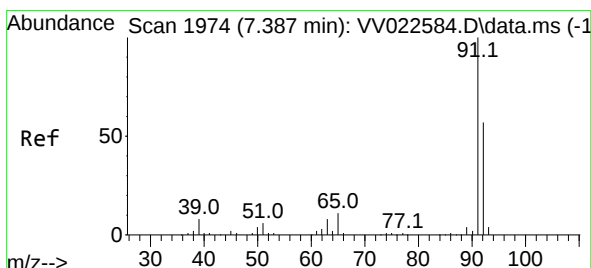
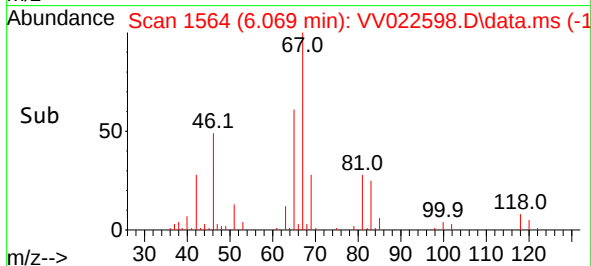
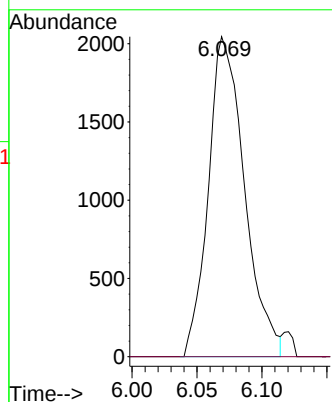
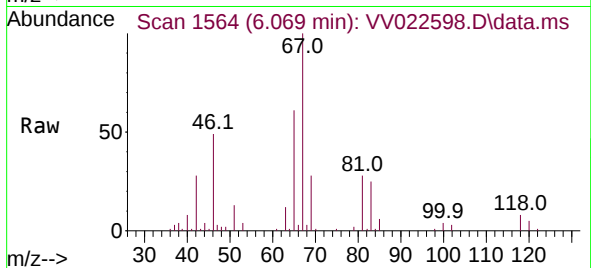
Acq: 06 Oct 2021 03:25

Tgt Ion: 63 Resp: 3967

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 1.039 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV022598.D

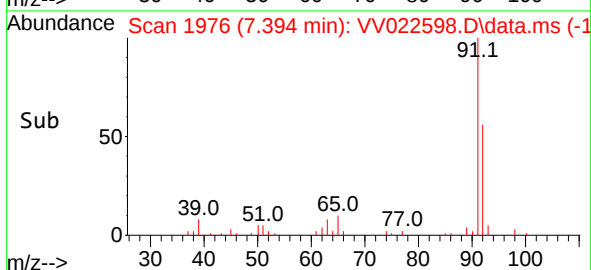
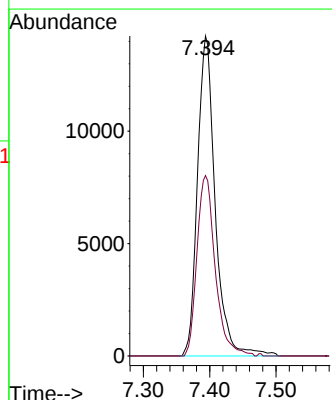
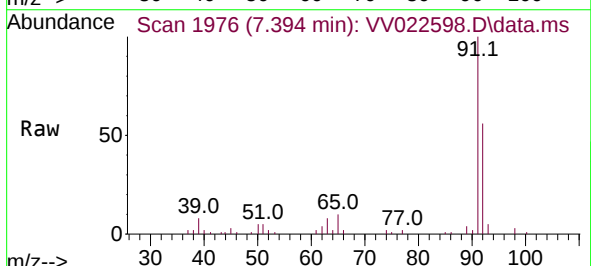
Acq: 06 Oct 2021 03:25

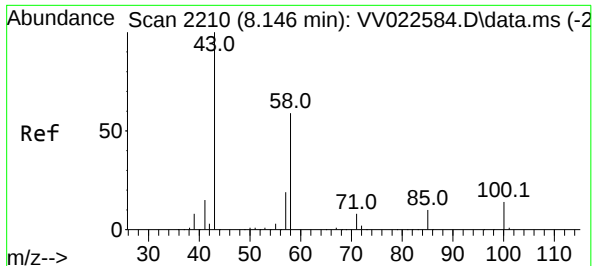
Tgt Ion: 91 Resp: 26402

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3

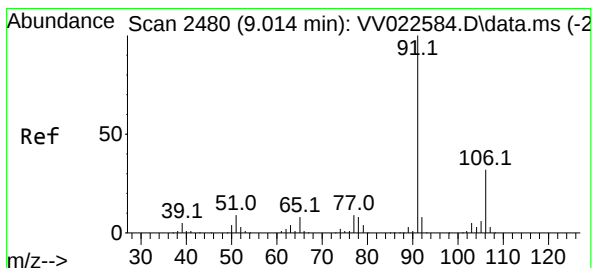
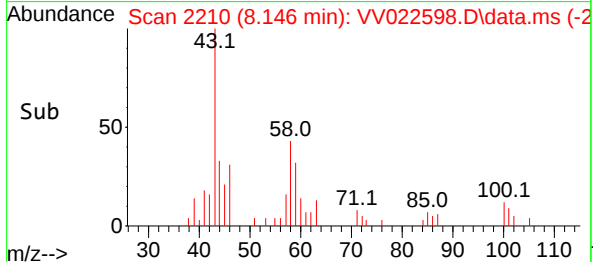
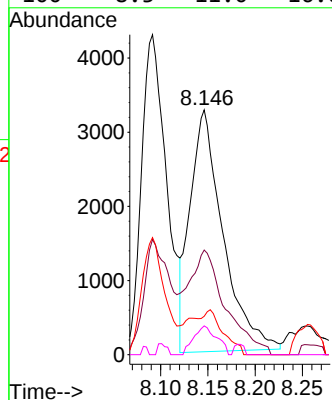
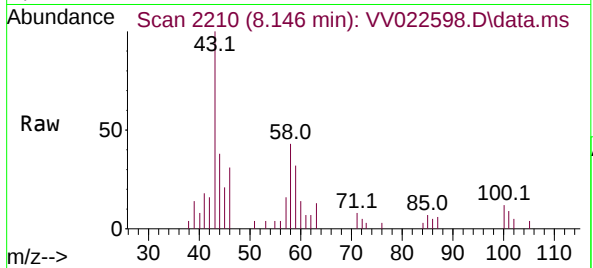




#48
2-Hexanone
Concen: 3.384 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

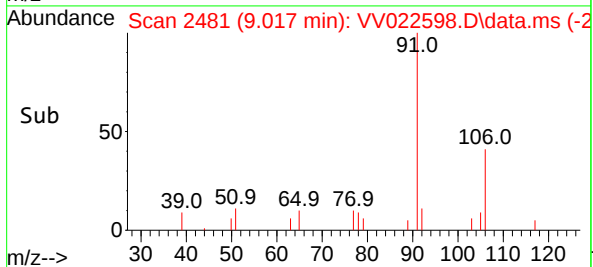
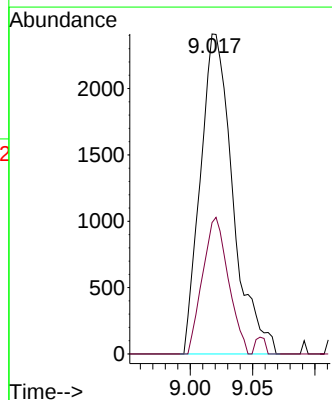
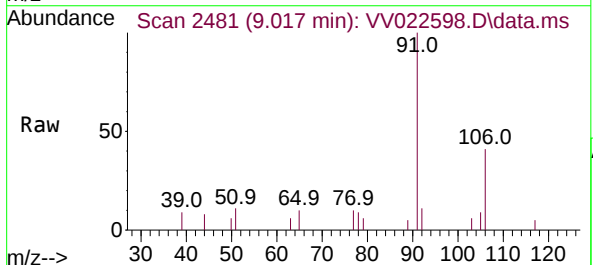
Instrument :
MSVOA_V
ClientSampleId :

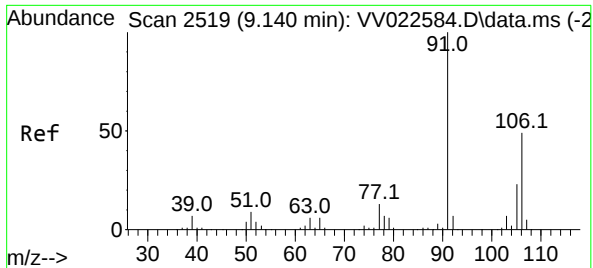
Tgt Ion: 43	Resp: 7913
Ion Ratio	Lower Upper
43 100	
58 48.3	46.4 69.6
57 10.9	16.3 24.5#
100 8.3	11.0 16.6#



#52
Ethylbenzene
Concen: 0.167 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion: 91	Resp: 4363		
Ion Ratio	Lower	Upper	
91 100			
106 41.1	21.3	39.6#	





#53

m,p-xylene

Concen: 0.597 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV022598.D

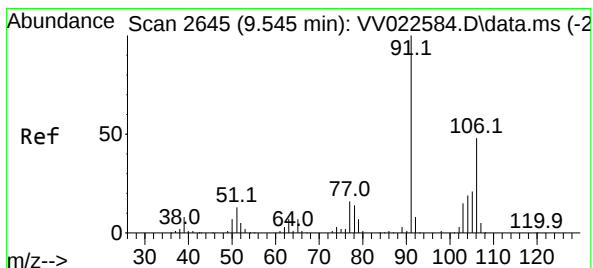
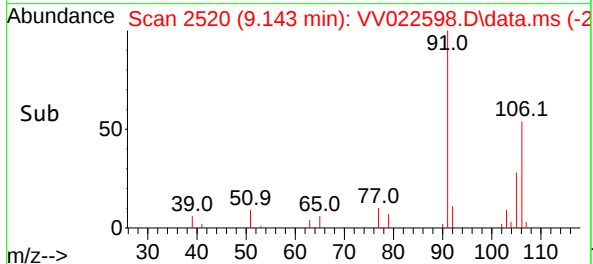
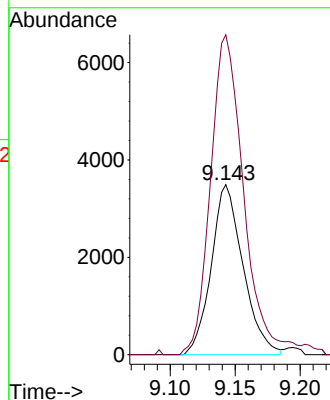
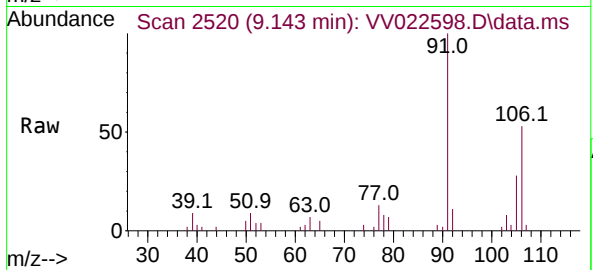
Acq: 06 Oct 2021 03:25

Tgt Ion:106 Resp: 5941

Ion Ratio Lower Upper

106 100

91 188.1 144.8 269.0



#54

o-xylene

Concen: 0.179 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.003 min

Lab File: VV022598.D

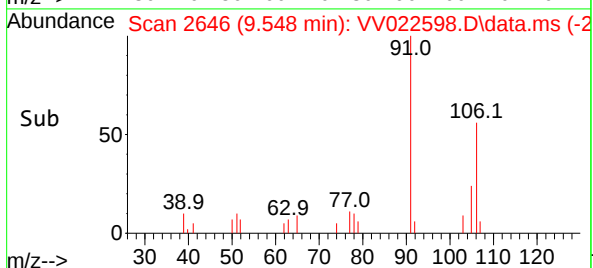
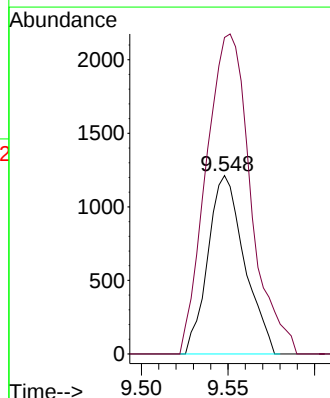
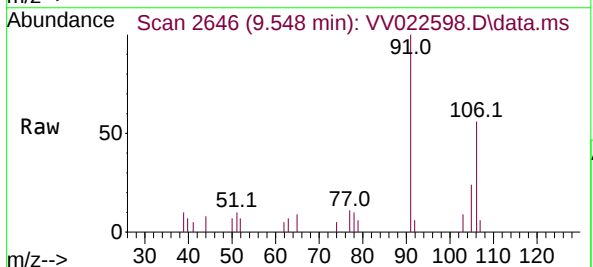
Acq: 06 Oct 2021 03:25

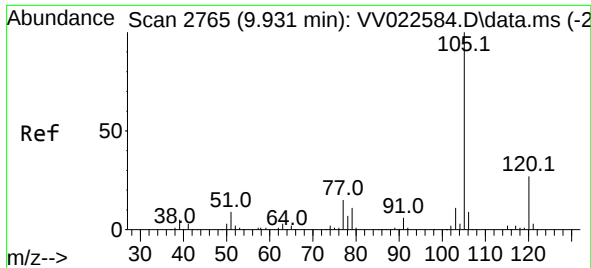
Tgt Ion:106 Resp: 1774

Ion Ratio Lower Upper

106 100

91 177.3 148.8 276.4

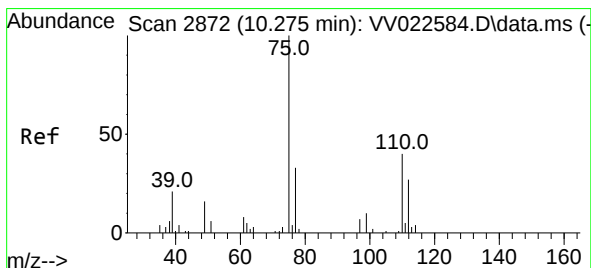
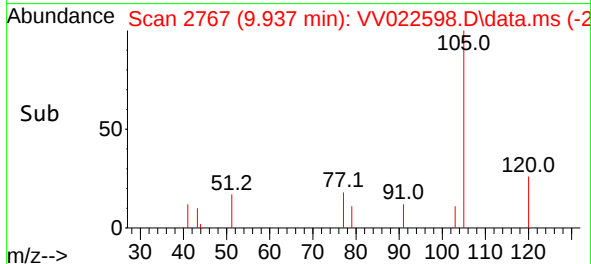
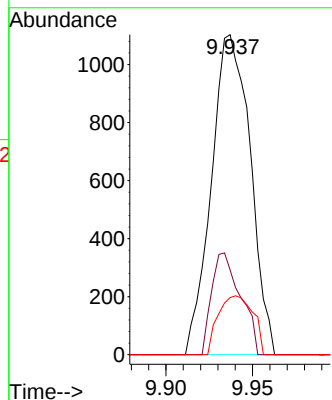
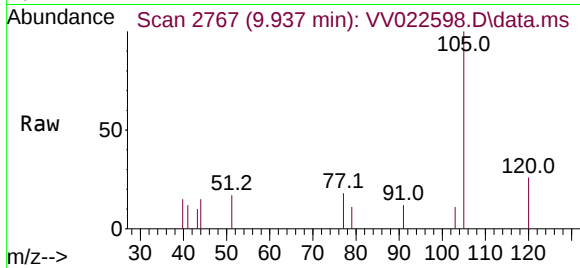




#60
Isopropylbenzene
Concen: 0.088 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

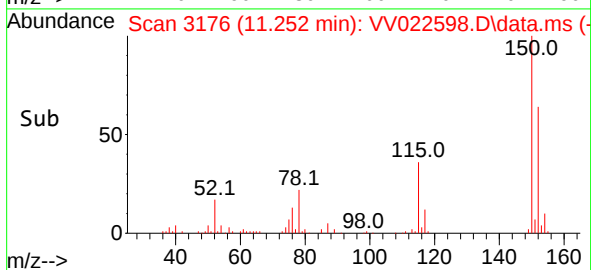
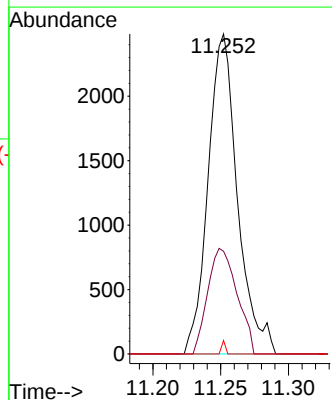
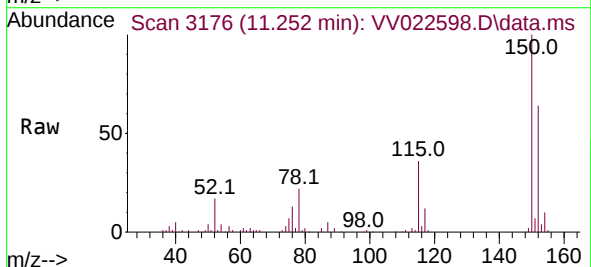
Instrument :
MSVOA_V
ClientSampled :

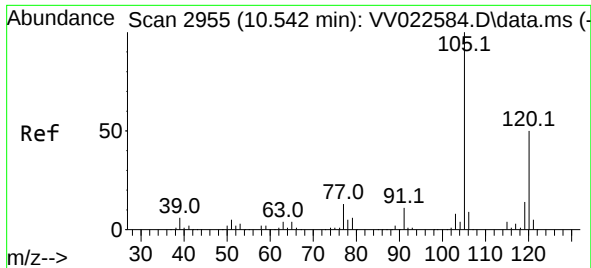
Tgt Ion:	105	Resp:	1723
Ion	Ratio	Lower	Upper
105	100		
120	23.6	21.6	32.4
77	16.4	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 1.394 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion:	75	Resp:	3746
Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.1	39.1
110	0.5	33.0	49.6#

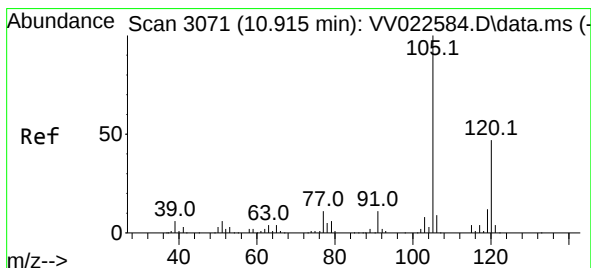
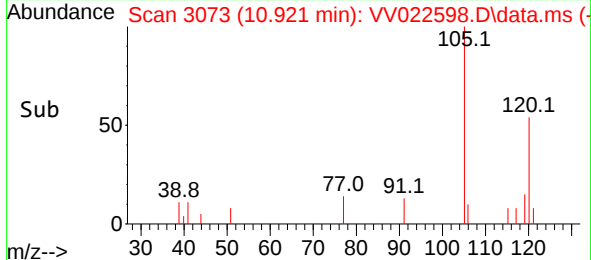
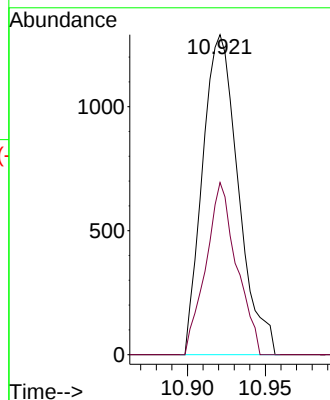
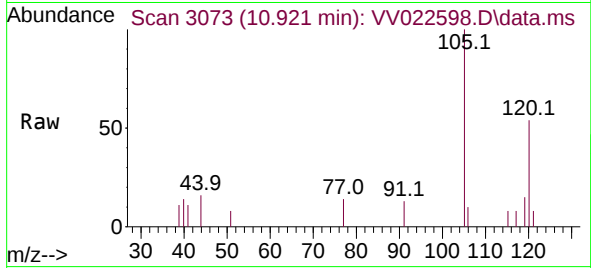




#62
1,3,5-Trimethylbenzene
Concen: 0.130 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.379 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 2057
Ion Ratio Lower Upper
105 100
120 46.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 0.128 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022598.D
Acq: 06 Oct 2021 03:25

Tgt Ion:105 Resp: 2057
Ion Ratio Lower Upper
105 100
120 46.1 37.2 55.8

