

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021362.D
 Acq On : 21 May 2021 16:33
 Operator : SY/MD
 Sample : M2494-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:40:11 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	5.619	114	280900	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	259161	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140775	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81347	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.565	69	67549	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.108	63	140491	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.899	46	232584	47.50	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	4.352	84	167688	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.037	65	81638	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.053	84	349091	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.072	67	108753	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.317	98	324340	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloroprop...	7.625	79	44351	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.092	63	152625	42.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.46%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60330	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	132001	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1301	0.08	ug/L #	21
12) 1,1-Dichloroethene	2.118	96	72396	4.67	ug/L	96
19) 1,1-Dichloroethane	3.192	63	18148	0.54	ug/L	95
25) Chloroform	4.384	83	4783	0.14	ug/L	92
29) 1,1,1-Trichloroethane	4.609	97	160062	5.03	ug/L	98
31) Carbon tetrachloride	4.609	117	21397	0.75	ug/L	97
34) Trichloroethene	5.925	95	3513	0.16	ug/L	89
35) Methylcyclohexane	6.072	83	26957	0.81	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	11797	0.65	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	3097	0.11	ug/L #	43
47) Tetrachloroethene	7.976	164	99866	5.53	ug/L	97
48) 2-Hexanone	8.143	43	40770	4.96	ug/L #	87
49) Dibromochloromethane	7.976	129	84399	4.68	ug/L #	11
60) Isopropylbenzene	10.921	105	1300	0.01	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	13895	1.33	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.545	105	400	0.01	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.921	105	1300	0.02	ug/L	87

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

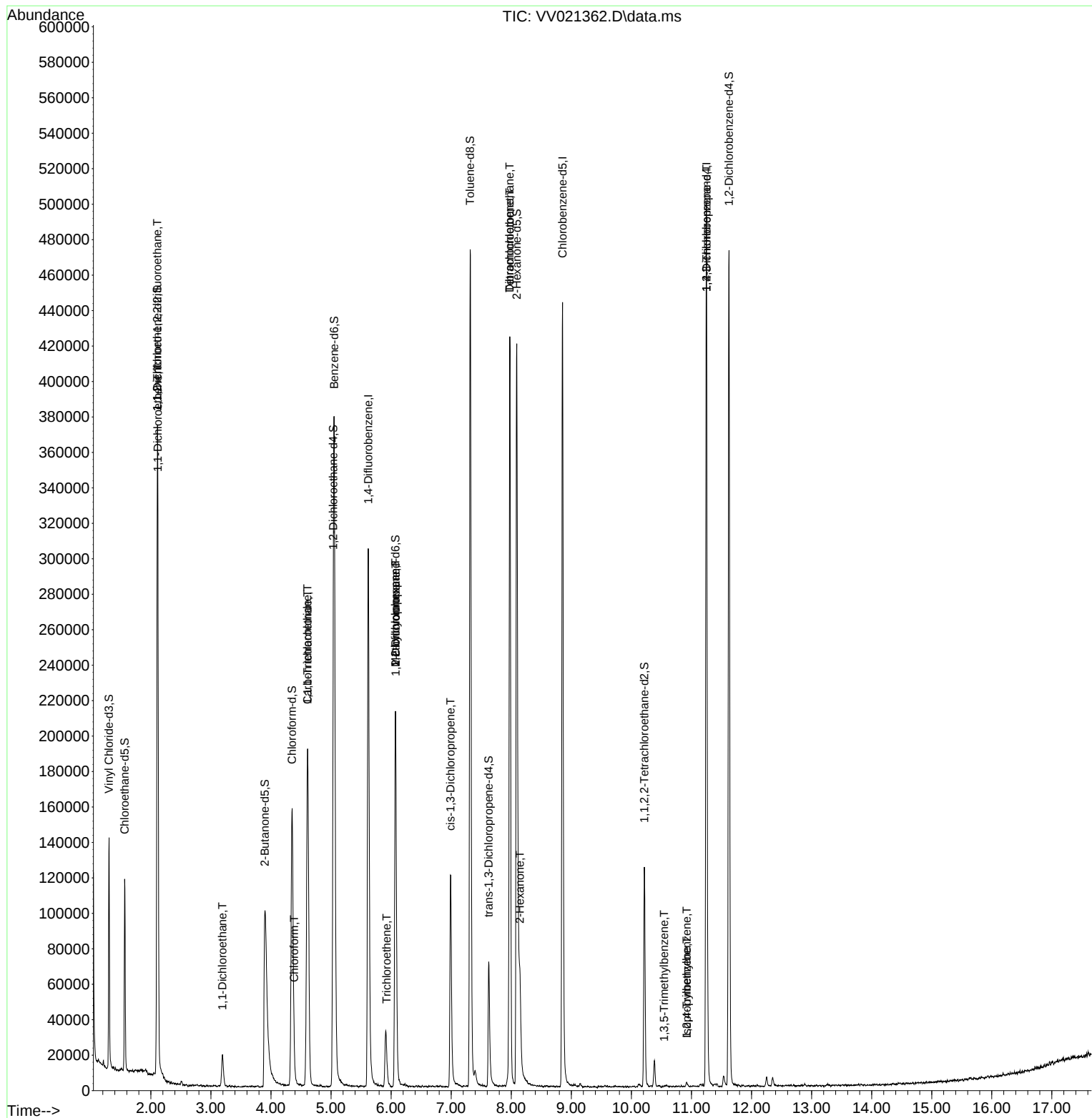
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

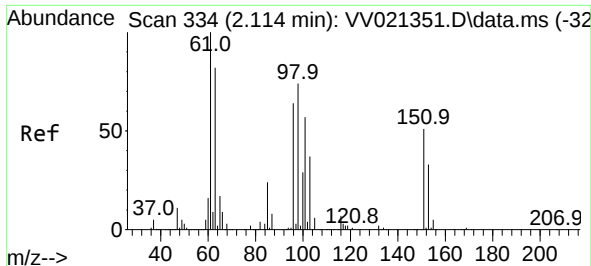
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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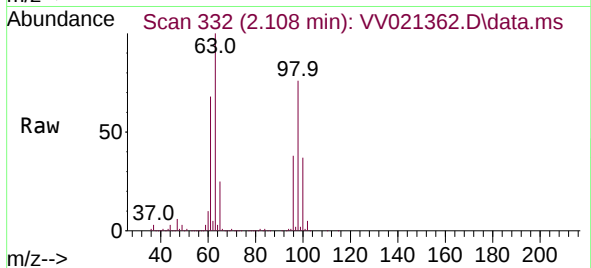
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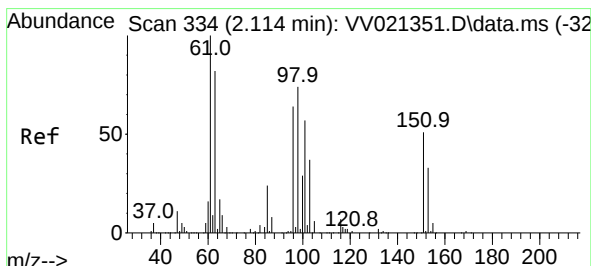
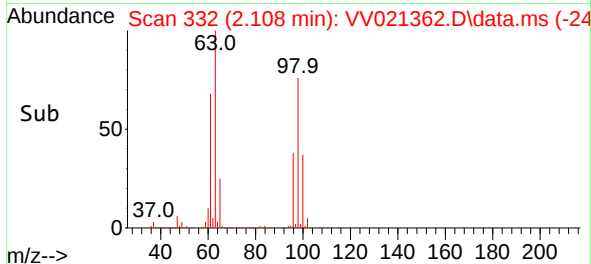
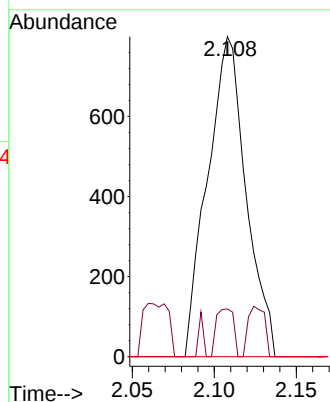


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.08 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :

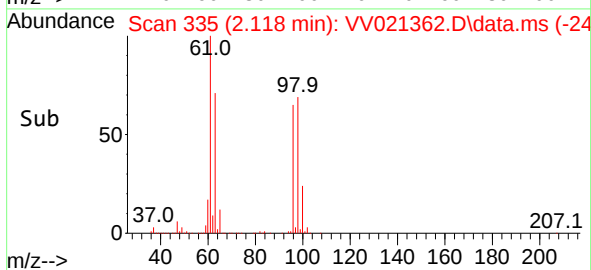
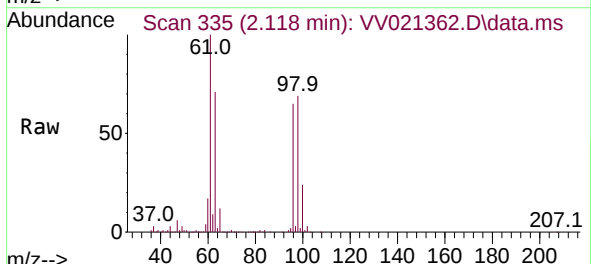
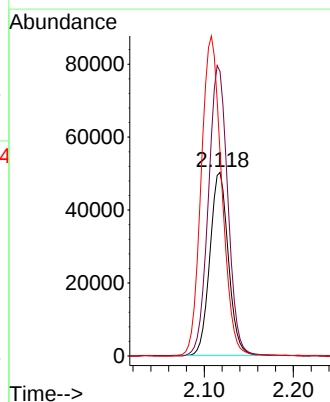


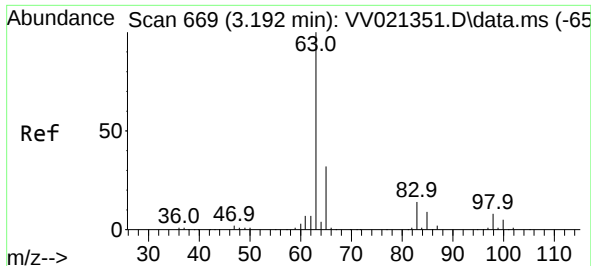
Tgt Ion:101 Resp: 1301
Ion Ratio Lower Upper
101 100
85 6.7 33.0 49.6#
151 0.0 64.2 96.2#



#12
1,1-Dichloroethene
Concen: 4.67 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

Tgt Ion: 96 Resp: 72396
Ion Ratio Lower Upper
96 100
61 154.9 109.8 204.0
63 110.7 71.3 132.3

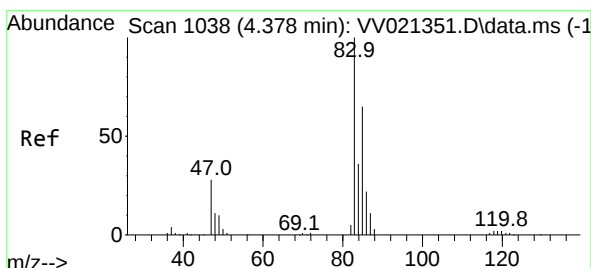
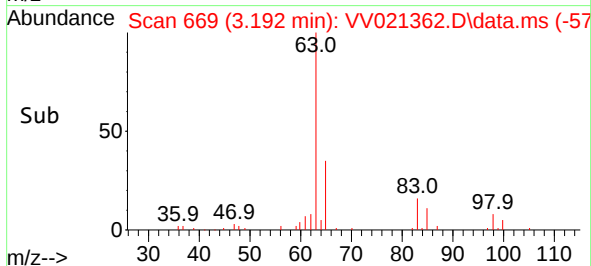
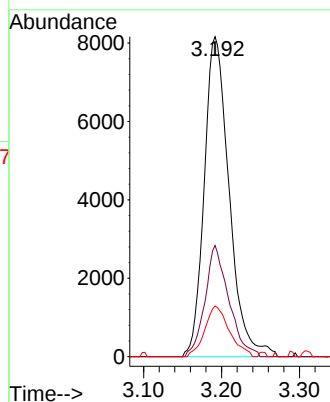
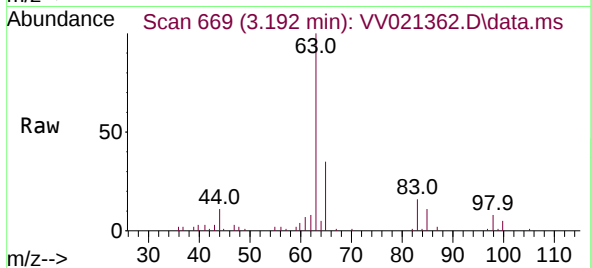




#19
1,1-Dichloroethane
Concen: 0.54 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

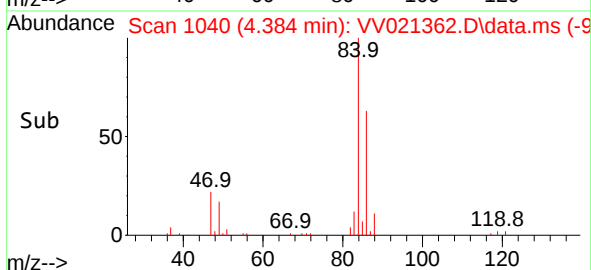
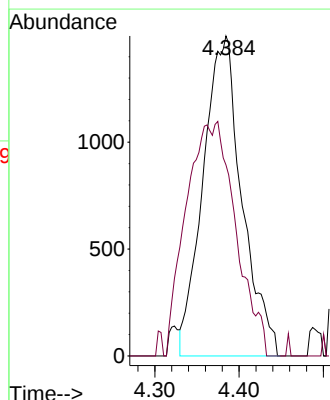
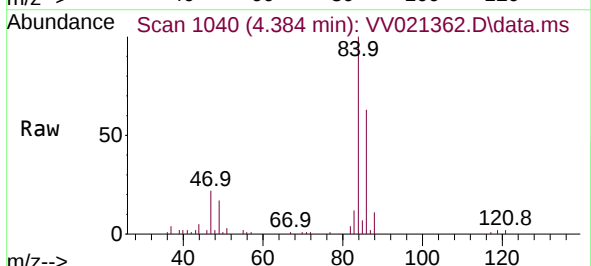
Instrument :
MSVOA_V
ClientSampled :

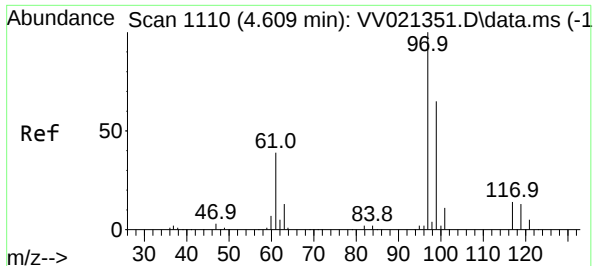
Tgt Ion:	63	Resp:	18148
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.3	41.5
83	15.9	9.7	17.9



#25
Chloroform
Concen: 0.14 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

Tgt Ion:	83	Resp:	4783
Ion	Ratio	Lower	Upper
83	100		
85	59.7	46.4	86.2





#29

1,1,1-Trichloroethane

Concen: 5.03 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV021362.D

Acq: 21 May 2021 16:33

Tgt Ion: 97 Resp: 160062

Ion Ratio Lower Upper

97 100

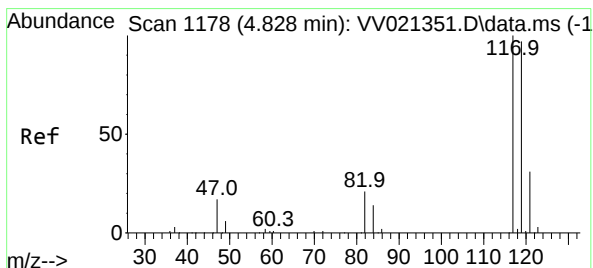
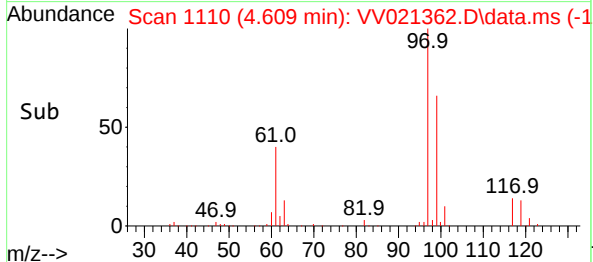
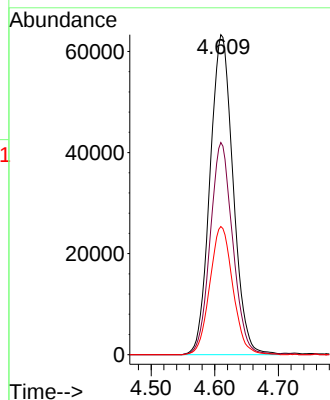
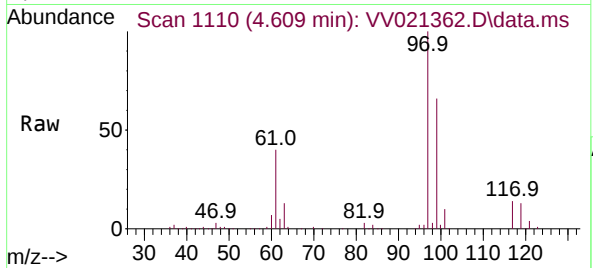
99 64.7 50.6 75.8

61 39.9 33.2 49.8

Instrument :

MSVOA_V

ClientSampleId :



#31

Carbon tetrachloride

Concen: 0.75 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.219 min

Lab File: VV021362.D

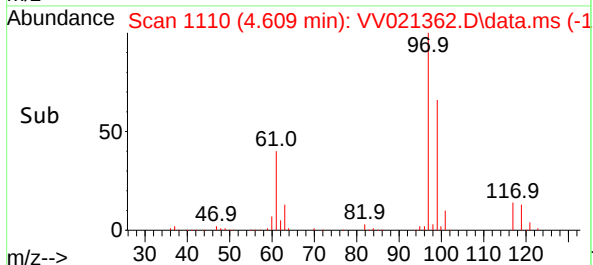
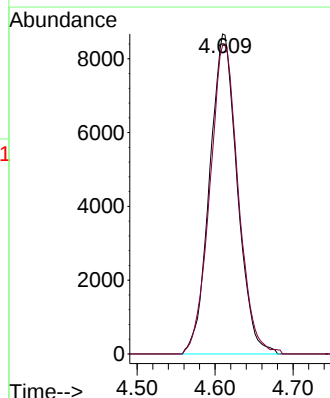
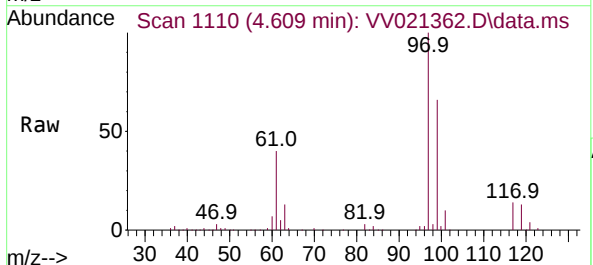
Acq: 21 May 2021 16:33

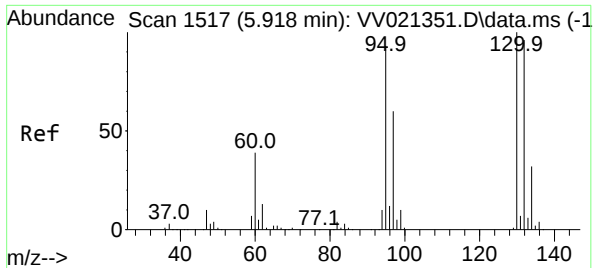
Tgt Ion: 117 Resp: 21397

Ion Ratio Lower Upper

117 100

119 99.5 77.4 116.2

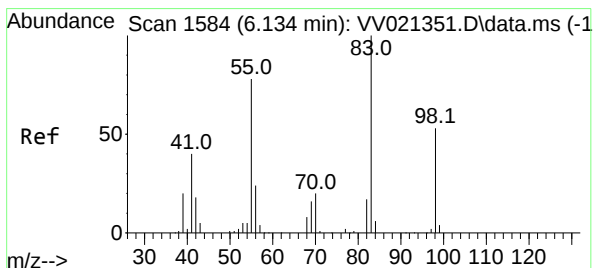
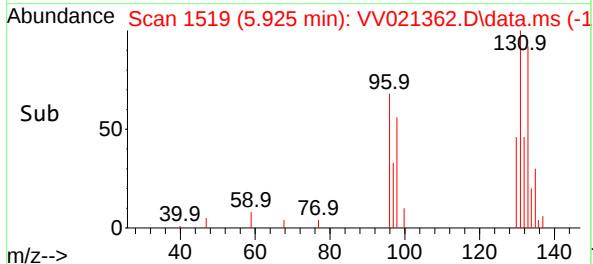
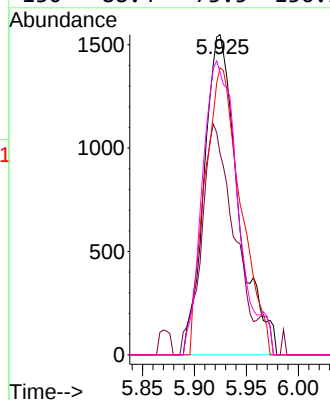
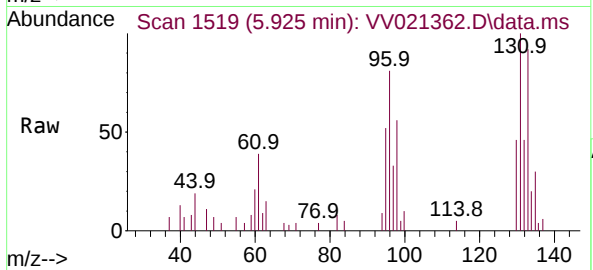




#34
Trichloroethene
Concen: 0.16 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

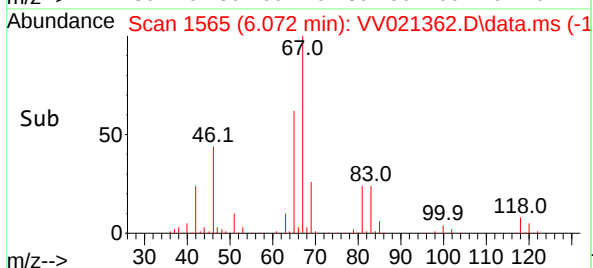
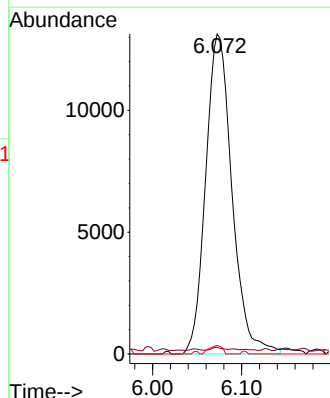
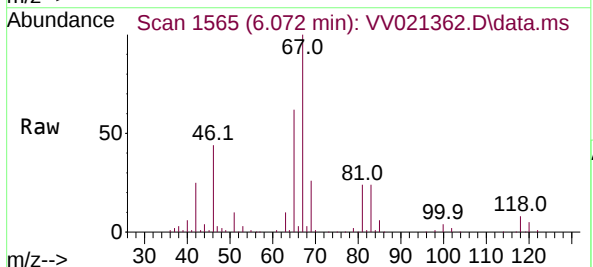
Instrument :
MSVOA_V
ClientSampled :

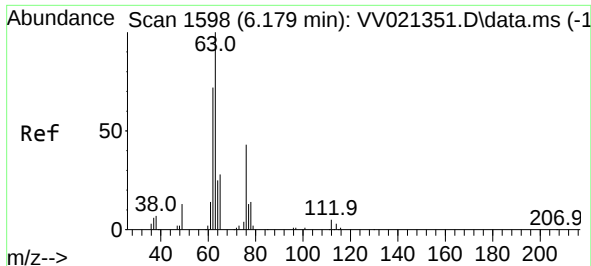
Tgt Ion:	95	Resp:	3513
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.1	83.9
132	89.7	71.5	132.9
130	88.4	73.5	136.5



#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

Tgt Ion:	83	Resp:	26957
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.1	88.7#
98	1.3	40.1	60.1#

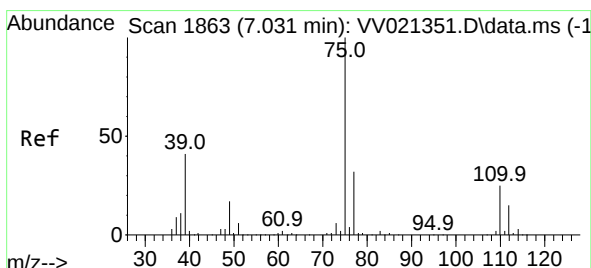
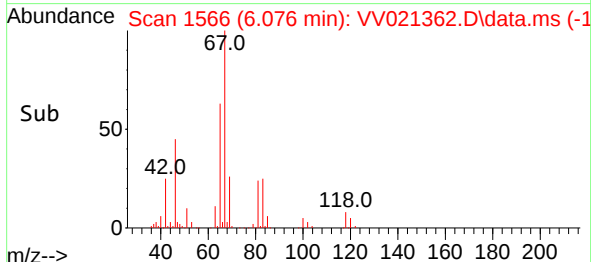
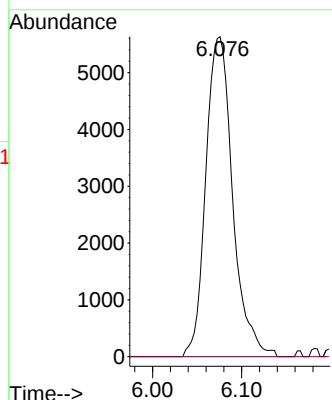
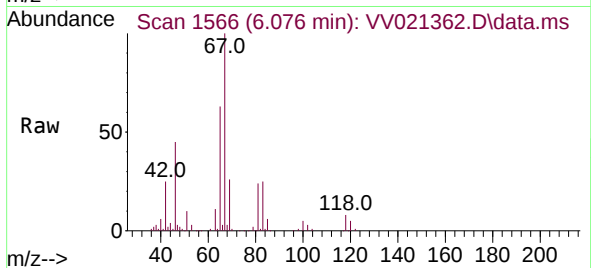




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

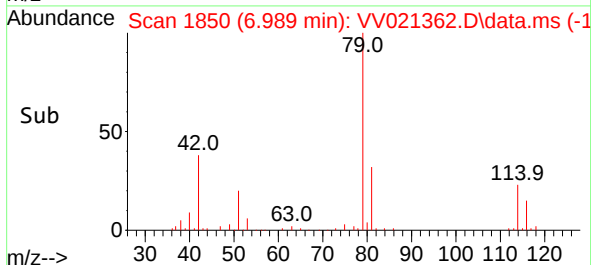
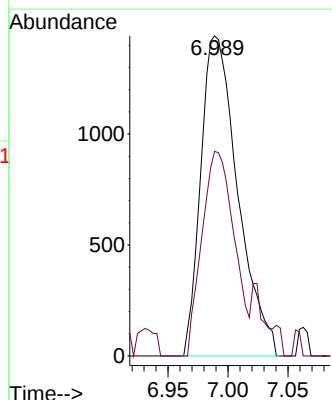
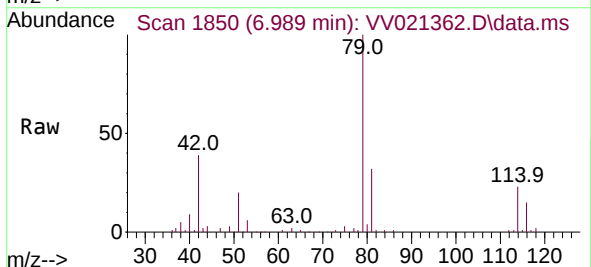
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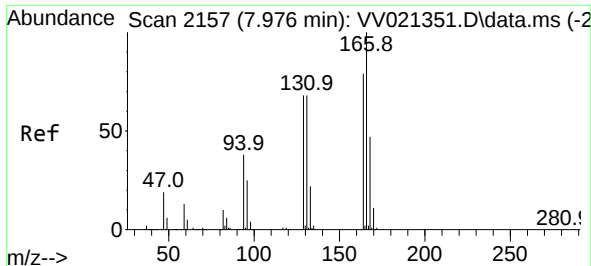
Tgt Ion: 63 Resp: 11797
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

Tgt Ion: 75 Resp: 3097
Ion Ratio Lower Upper
75 100
77 63.9 22.5 41.9#

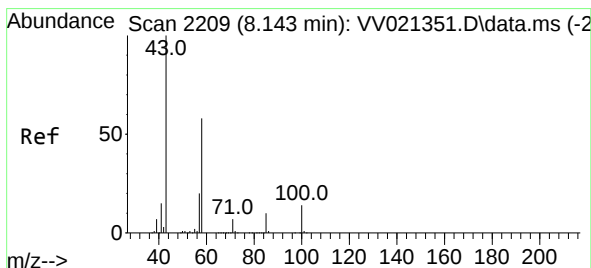
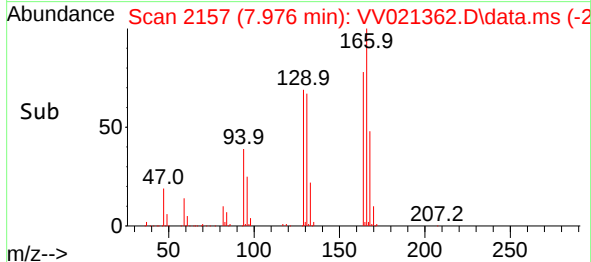
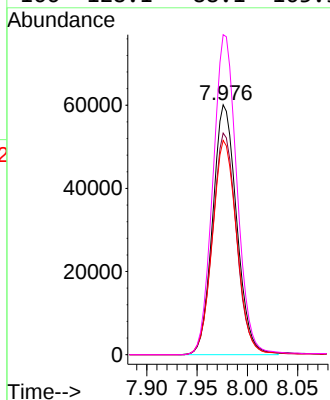
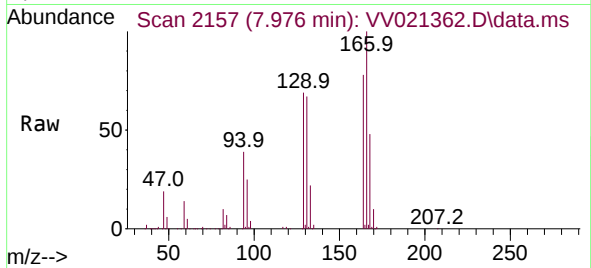




#47
Tetrachloroethene
Concen: 5.53 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

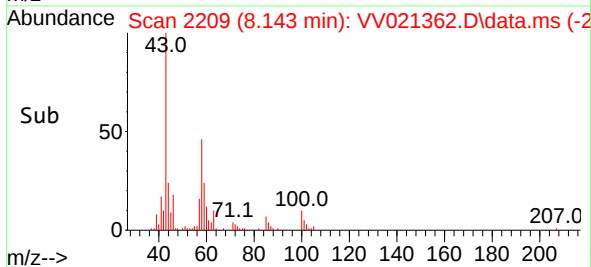
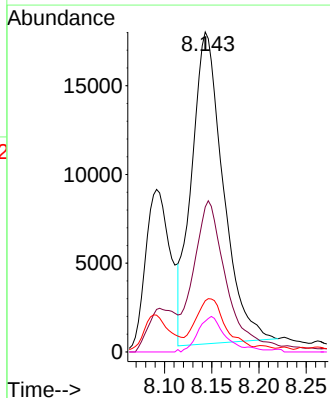
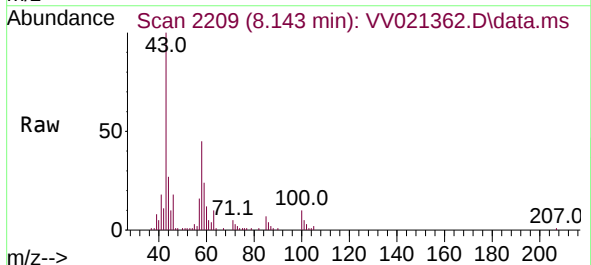
Instrument :
MSVOA_V
ClientSampleId :

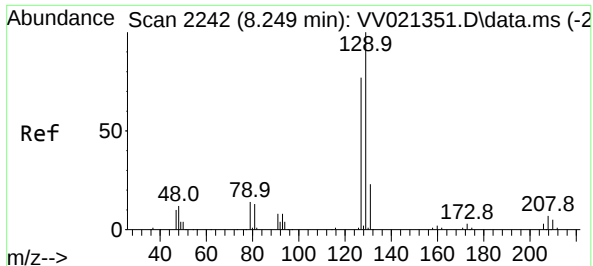
Tgt Ion:164	Resp:	99866
Ion Ratio	Lower	Upper
164	100	
129	88.7	65.0 120.6
131	85.7	61.8 114.8
166	128.1	88.1 163.5



#48
2-Hexanone
Concen: 4.96 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

Tgt Ion: 43	Resp:	40770
Ion Ratio	Lower	Upper
43	100	
58	49.5	47.8 71.8
57	16.0	16.6 24.8#
100	9.5	11.5 17.3#





#49

Dibromochloromethane

Concen: 4.68 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV021362.D

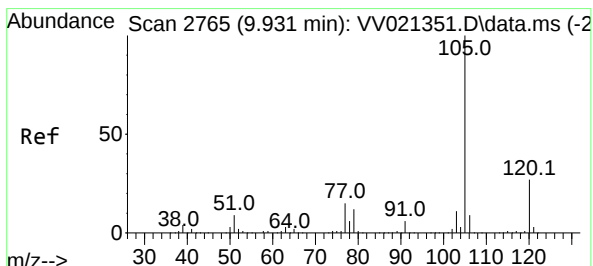
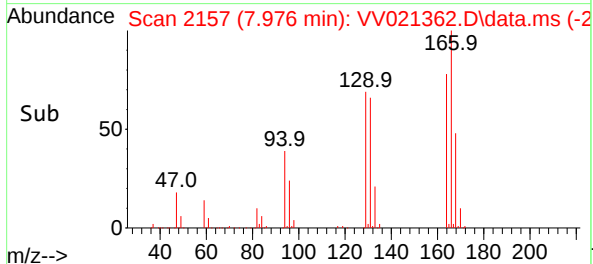
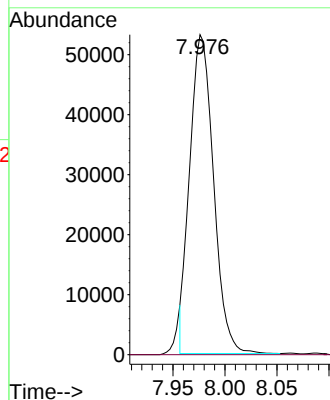
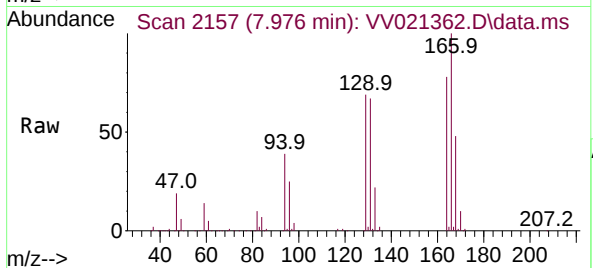
Acq: 21 May 2021 16:33

Tgt Ion:129 Resp: 84399

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#60

Isopropylbenzene

Concen: 0.01 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.990 min

Lab File: VV021362.D

Acq: 21 May 2021 16:33

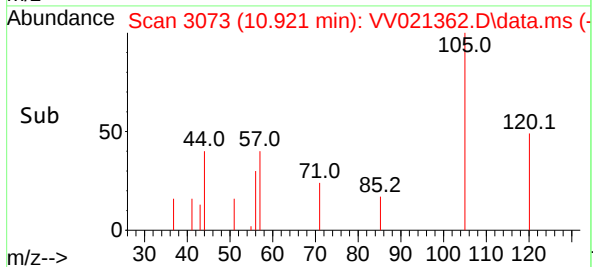
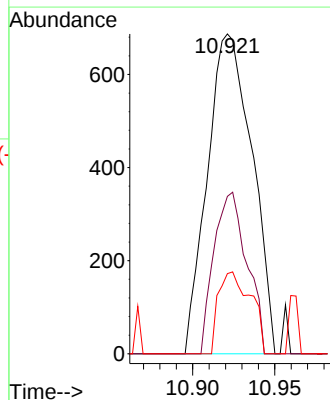
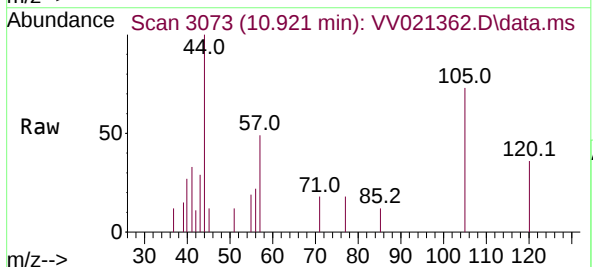
Tgt Ion:105 Resp: 1300

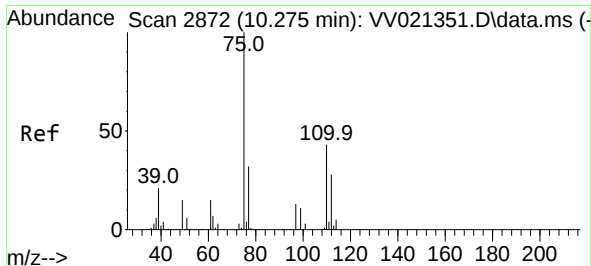
Ion Ratio Lower Upper

105 100

120 37.4 21.7 32.5#

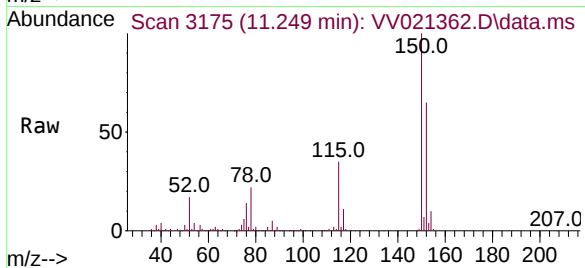
77 18.5 12.3 18.5



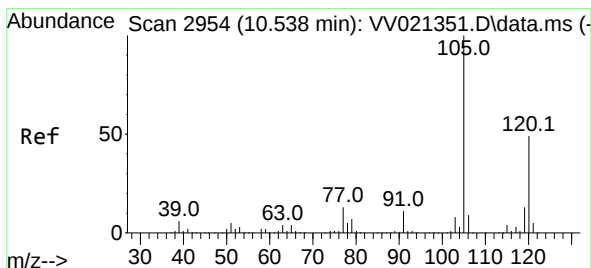
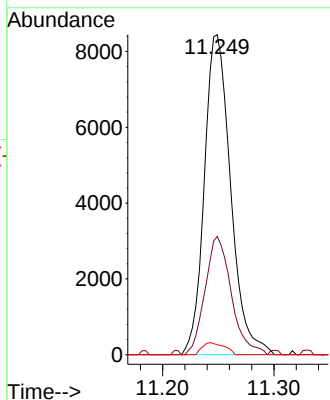
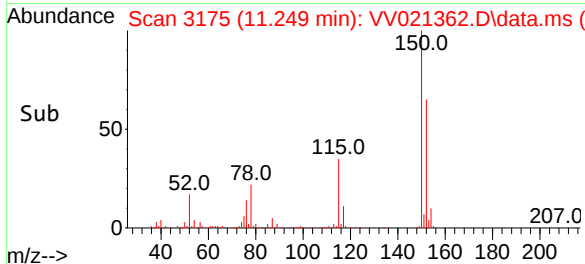


#61
1,2,3-Trichloropropane
Concen: 1.33 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33

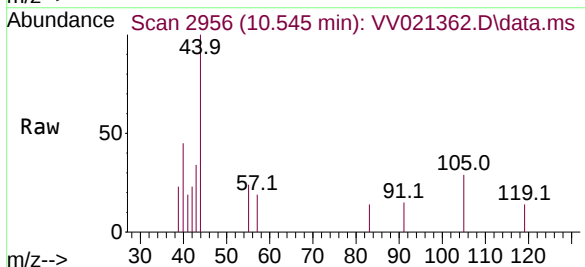
Instrument :
MSVOA_V
ClientSampled :



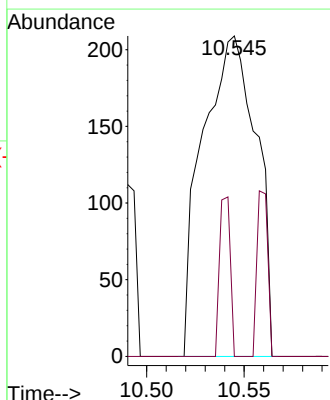
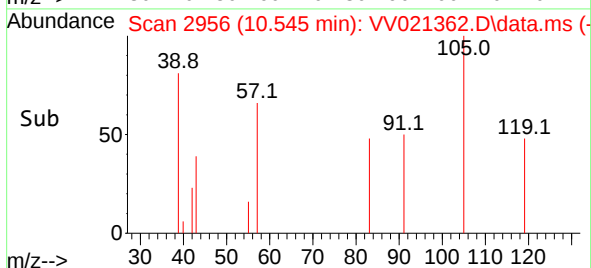
Tgt Ion: 75 Resp: 13895
Ion Ratio Lower Upper
75 100
77 36.8 26.1 39.1
110 3.2 33.2 49.8#

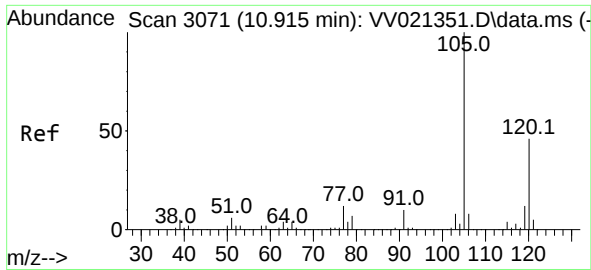


#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VV021362.D
Acq: 21 May 2021 16:33



Tgt Ion: 105 Resp: 400
Ion Ratio Lower Upper
105 100
120 0.0 39.4 59.0#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.02 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.006 min
 Lab File: VV021362.D
 Acq: 21 May 2021 16:33

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:105 Resp: 1300
 Ion Ratio Lower Upper
 105 100
 120 37.4 36.7 55.1

