

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020167.D
 Acq On : 25 Jan 2021 23:07
 Operator : SY/MD
 Sample : L5214-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

Manual Integrations
 APPROVED

SAM

2/1/2021 3:34:36 PM

Quant Time: Jan 28 04:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:32:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	383296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	372330	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	174056	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	171006	56.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.42%
7) Chloroethane-d5	1.569	69	139502	60.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.24%
11) 1,1-Dichloroethene-d2	2.110	63	244280	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
21) 2-Butanone-d5	3.891	46	217396	116.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	4.354	84	277236	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.30%
26) 1,2-Dichloroethane-d4	5.035	65	198626	56.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.86%
32) Benzene-d6	5.055	84	517191	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
36) 1,2-Dichloropropane-d6	6.074	67	165687	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.30%
41) Toluene-d8	7.318	98	459666	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%
43) trans-1,3-Dichloroprop...	7.624	79	78815	52.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.56%
47) 2-Hexanone-d5	8.090	63	154228	113.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.94%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	234496	51.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.48%
66) 1,2-Dichlorobenzene-d4	11.633	152	174446	52.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.38%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	5205	1.95	ug/L	95
3) Chloromethane	1.241	50	9872	2.79	ug/L	99
5) Vinyl chloride	1.312	62	7108	2.40	ug/L #	56
6) Bromomethane	1.524	94	4000	3.04	ug/L	96
8) Chloroethane	1.589	64	4516	2.47	ug/L	90
9) Trichlorofluoromethane	1.753	101	8541	2.04	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	6827	2.90	ug/L #	74
12) 1,1-Dichloroethene	2.119	96	6792	2.98	ug/L #	1
13) Acetone	2.184	43	6232	4.53	ug/L	87
14) Carbon disulfide	2.296	76	12175	2.02	ug/L	99
15) Methyl Acetate	2.444	43	6134	2.31	ug/L #	85
16) Methylene chloride	2.511	84	5914	2.43	ug/L	92
17) trans-1,2-Dichloroethene	2.765	96	4797	2.18	ug/L	93
18) Methyl tert-butyl Ether	2.772	73	15027	2.01	ug/L #	86
19) 1,1-Dichloroethane	3.200	63	8940	2.00	ug/L	97
20) cis-1,2-Dichloroethene	3.913	96	5292	2.13	ug/L	95
22) 2-Butanone	4.003	43	6993m	3.79	ug/L	
23) Bromochloromethane	4.261	128	2526m	2.02	ug/L	
25) Chloroform	4.383	83	11307	2.44	ug/L	99

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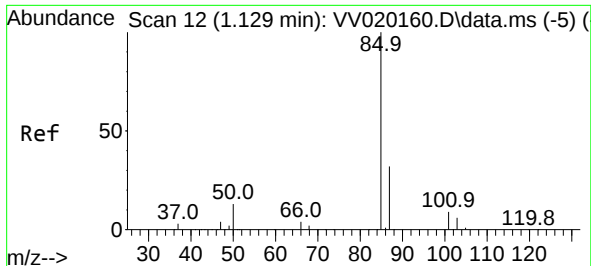
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Quant Time: Jan 28 04:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:32:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.145	62	8389	2.12	ug/L	96
29) Cyclohexane	4.685	56	6317	1.83	ug/L	98
30) 1,1,1-Trichloroethane	4.611	97	8445	2.07	ug/L	96
31) Carbon tetrachloride	4.833	117	6467	1.88	ug/L	97
33) Benzene	5.106	78	19054	1.93	ug/L	100
34) Trichloroethene	5.929	95	4878	1.86	ug/L	95
35) Methylcyclohexane	6.132	83	6153	1.64	ug/L	97
37) 1,2-Dichloropropane	6.180	63	5613	2.20	ug/L	99
38) Bromodichloromethane	6.518	83	6905	1.93	ug/L	93
39) cis-1,3-Dichloropropene	7.039	75	7479	1.85	ug/L	91
40) 4-Methyl-2-pentanone	7.235	43	15089	3.88	ug/L #	92
42) Toluene	7.396	91	19360	1.88	ug/L	91
44) trans-1,3-Dichloropropene	7.659	75	7358	1.90	ug/L	95
45) 1,1,2-Trichloroethane	7.849	97	4851	1.98	ug/L	96
46) Tetrachloroethene	7.987	164	3517	1.86	ug/L	90
48) 2-Hexanone	8.154	43	11266	3.92	ug/L #	89
49) Dibromochloromethane	8.254	129	4899	1.76	ug/L	87
50) 1,2-Dibromoethane	8.363	107	5589	1.99	ug/L #	97
51) Chlorobenzene	8.891	112	12346	1.78	ug/L	96
52) Ethylbenzene	9.019	91	20042	1.73	ug/L	98
53) m,p-Xylene	9.148	106	6881	1.57	ug/L	97
54) o-Xylene	9.550	106	6880	1.57	ug/L	98
55) Styrene	9.569	104	11230	1.47	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.247	83	9700	2.27	ug/L	98
59) Bromoform	9.743	173	2868	1.52	ug/L #	95
60) Isopropylbenzene	9.939	105	18720	1.70	ug/L	98
61) 1,2,3-Trichloropropane	10.283	75	6719	2.07	ug/L	95
62) 1,3,5-Trimethylbenzene	10.543	105	14012	1.53	ug/L	96
63) 1,2,4-Trimethylbenzene	10.923	105	17553	1.95	ug/L	100
64) 1,3-Dichlorobenzene	11.190	146	9762	1.90	ug/L	93
65) 1,4-Dichlorobenzene	11.280	146	10849	2.09	ug/L	93
67) 1,2-Dichlorobenzene	11.653	146	10252	2.04	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.437	75	1793	1.95	ug/L	92
69) 1,3,5-Trichlorobenzene	12.656	180	8277	2.20	ug/L	98
70) 1,2,4-trichlorobenzene	13.273	180	7340	2.04	ug/L	95
71) Naphthalene	13.514	128	23058	1.97	ug/L	98
72) 1,2,3-Trichlorobenzene	13.755	180	7862	2.10	ug/L	97

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



#2
Dichlorodifluoromethane
Concen: 1.95 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

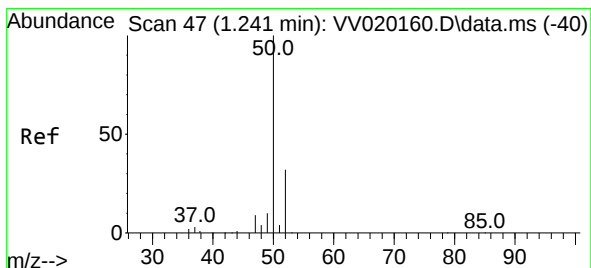
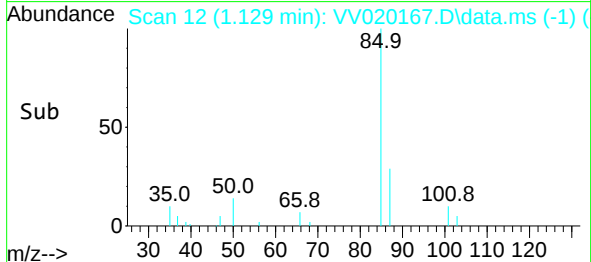
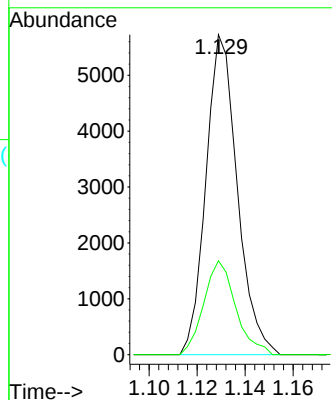
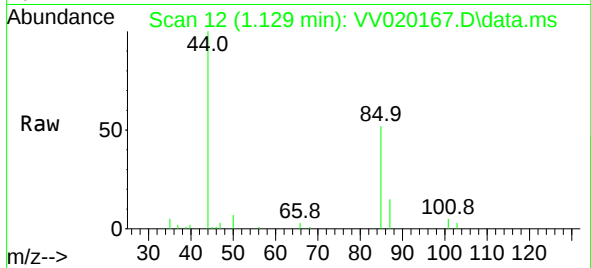
Tgt Ion: 85 Resp: 5205
Ion Ratio Lower Upper
85 100
87 29.8 25.9 38.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Manual Integrations
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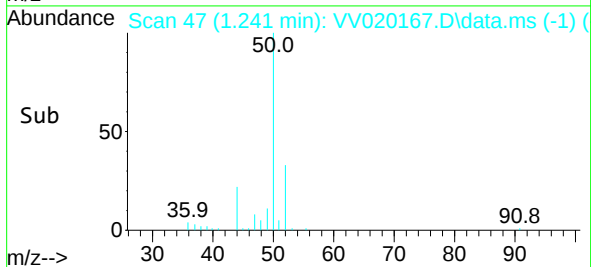
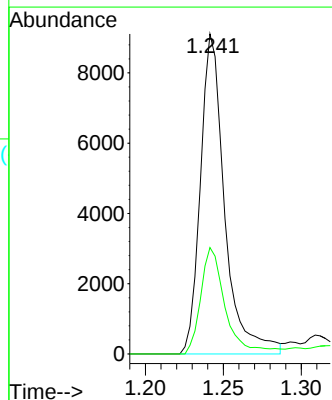
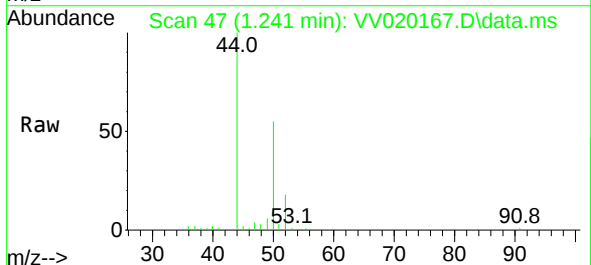
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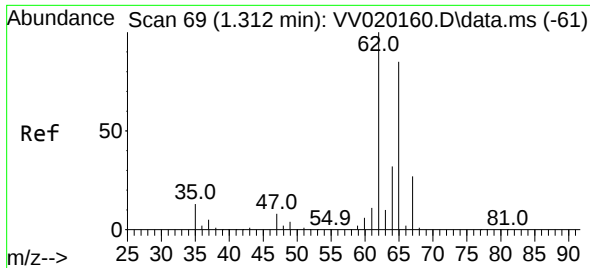
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#3
Chloromethane
Concen: 2.79 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 50 Resp: 9872
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.6





#5
 Vinyl chloride
 Concen: 2.40 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020167.D
 Acq: 25 Jan 2021 23:07

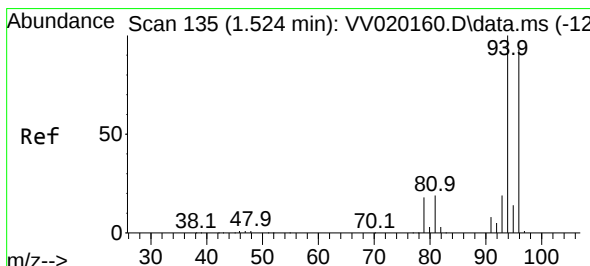
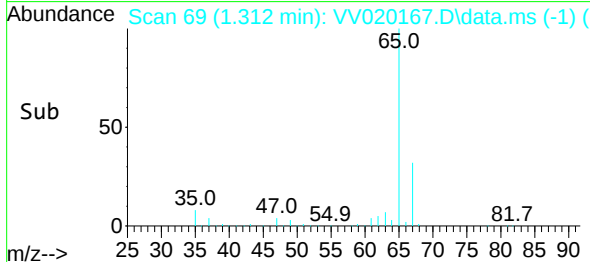
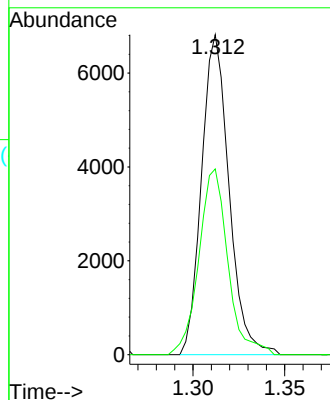
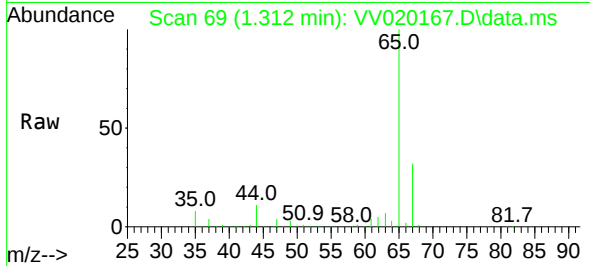
Tgt Ion: 62 Resp: 7108
 Ion Ratio Lower Upper
 62 100
 64 58.0 23.3 43.3#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

Manual Integrations
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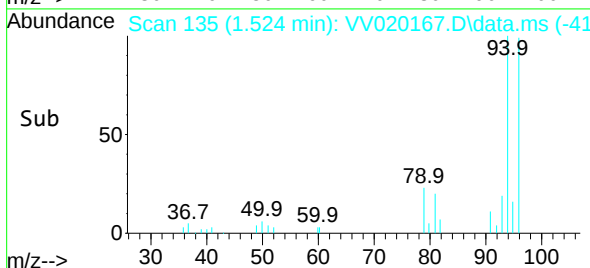
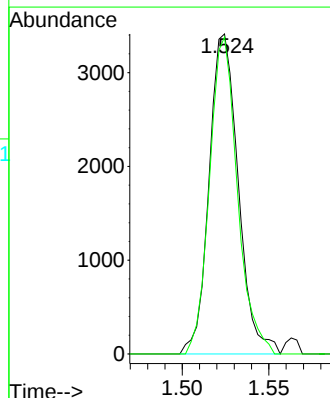
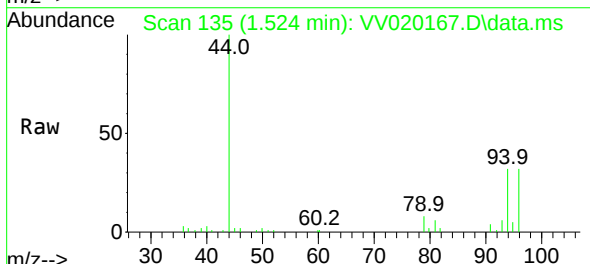
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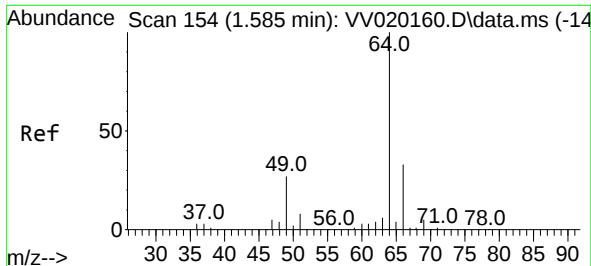
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#6
 Bromomethane
 Concen: 3.04 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020167.D
 Acq: 25 Jan 2021 23:07

Tgt Ion: 94 Resp: 4000
 Ion Ratio Lower Upper
 94 100
 96 99.0 66.4 123.2





#8
Chloroethane
Concen: 2.47 ug/L
RT: 1.589 min Scan# 155
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

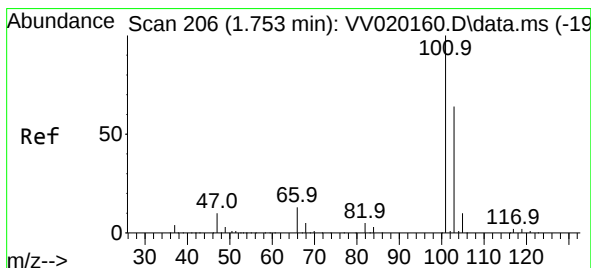
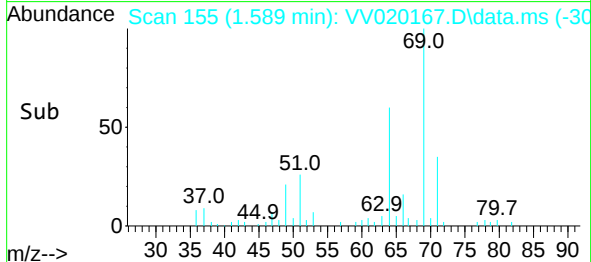
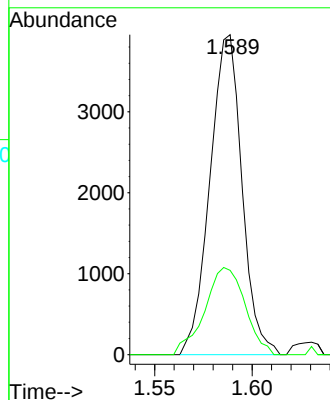
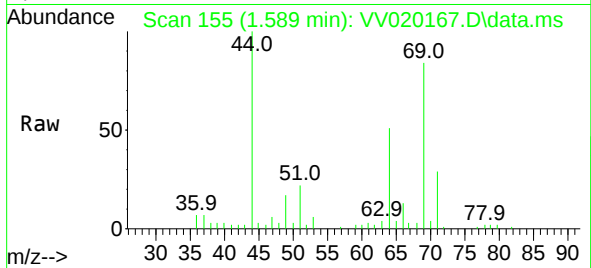
Tgt Ion: 64 Resp: 4516
Ion Ratio Lower Upper
64 100
66 26.4 22.5 41.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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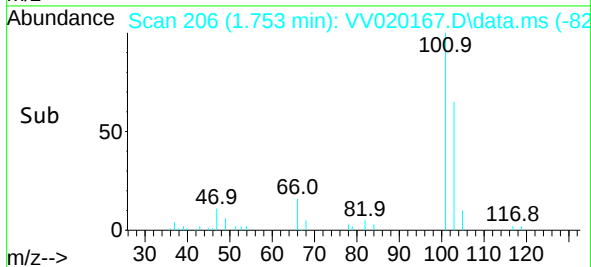
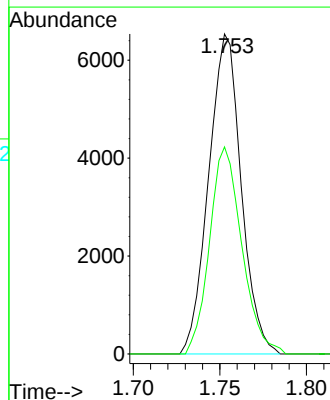
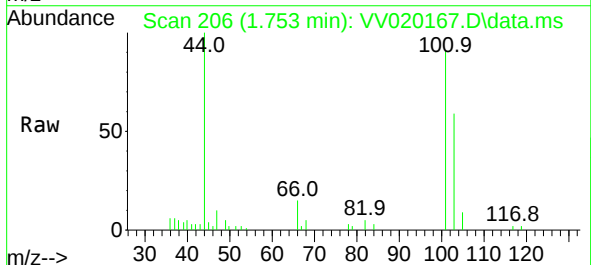
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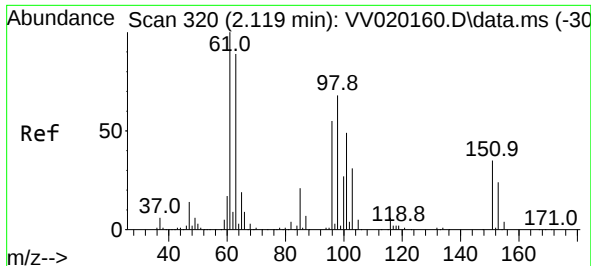
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#9
Trichlorofluoromethane
Concen: 2.04 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion:101 Resp: 8541
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5





#10

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

Concen: 2.90 ug/L

RT: 2.113 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV020167.D

Acq: 25 Jan 2021 23:07

Tgt Ion:	101	Resp:	6827
Ion Ratio	Lower	Upper	
101	100		
85	34.1	35.6	53.4#
151	51.8	64.1	96.1#

Instrument :

MSVOA_V

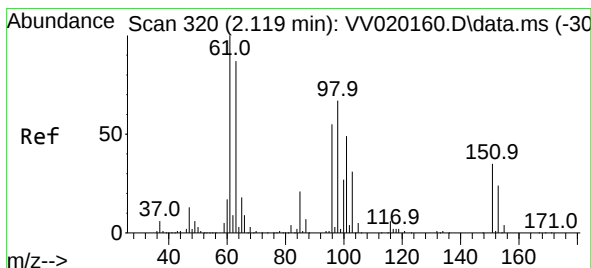
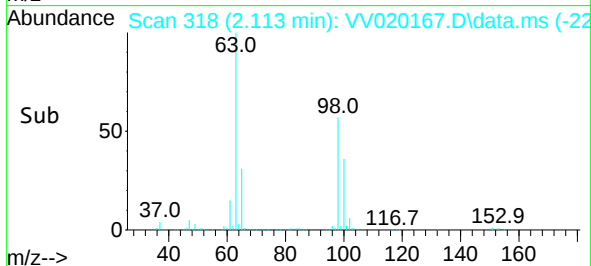
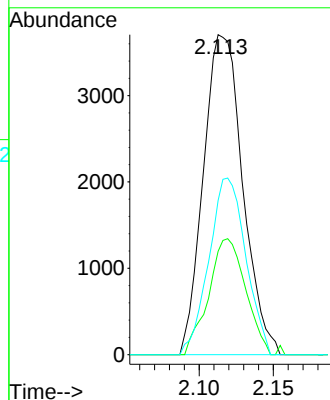
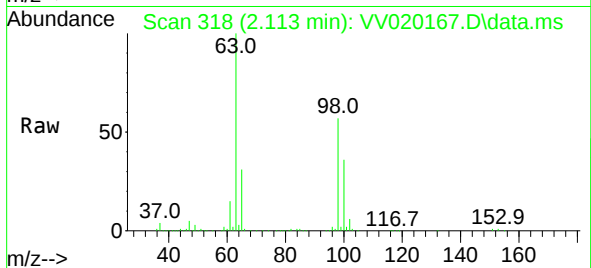
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#12

1,1-Dichloroethene

Concen: 2.98 ug/L

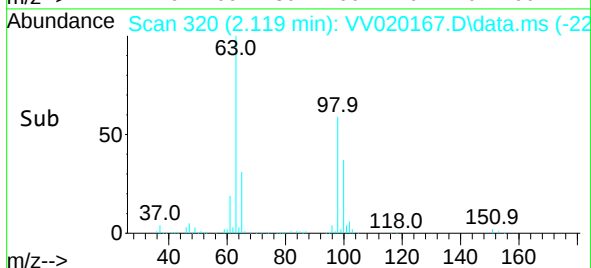
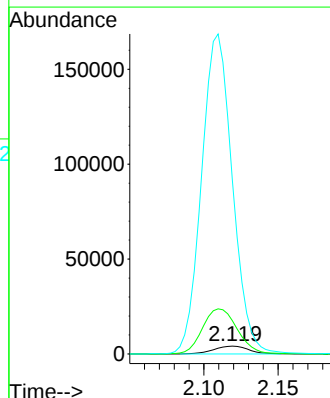
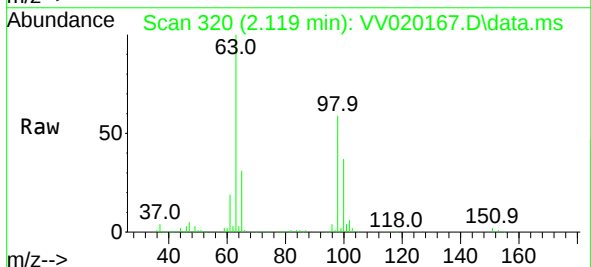
RT: 2.119 min Scan# 320

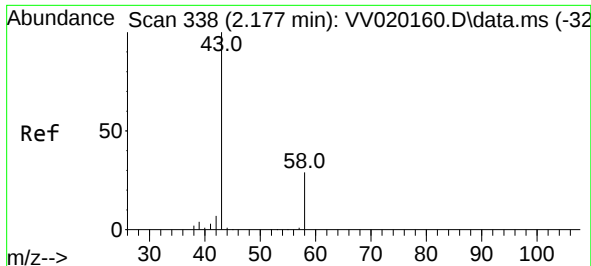
Delta R.T. 0.000 min

Lab File: VV020167.D

Acq: 25 Jan 2021 23:07

Tgt Ion:	96	Resp:	6792
Ion Ratio	Lower	Upper	
96	100		
61	426.9	133.6	248.0#
63	2229.3	103.0	191.2#





#13
Acetone
Concen: 4.53 ug/L
RT: 2.184 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

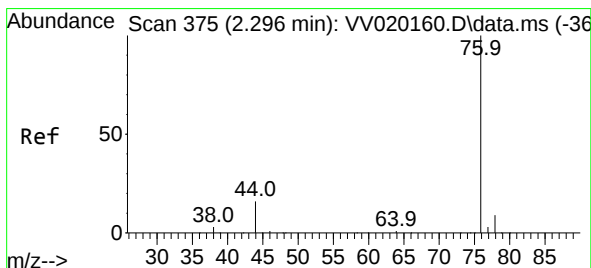
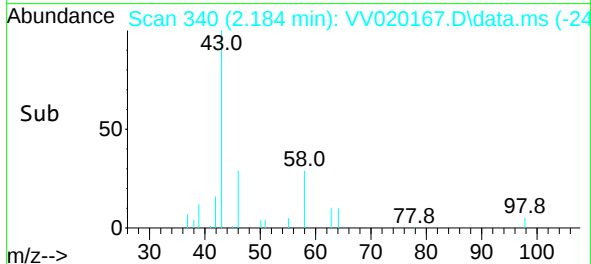
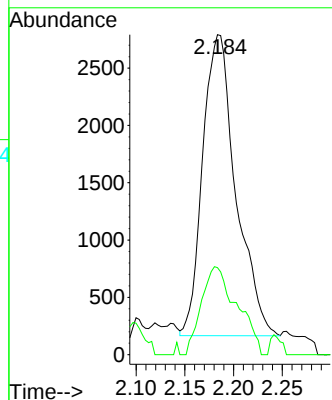
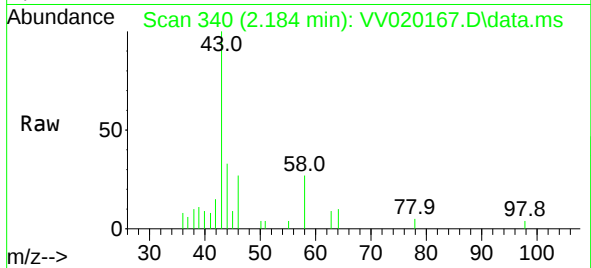
Tgt Ion: 43 Resp: 6232
Ion Ratio Lower Upper
43 100
58 22.2 0.0 57.8

Instrument :
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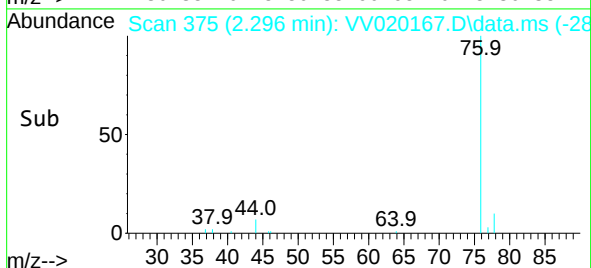
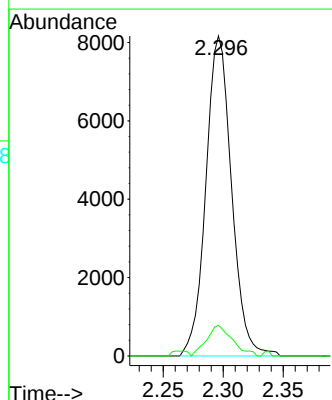
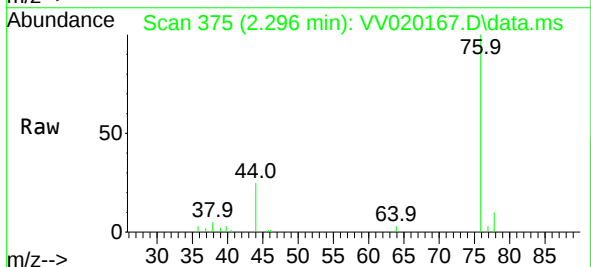
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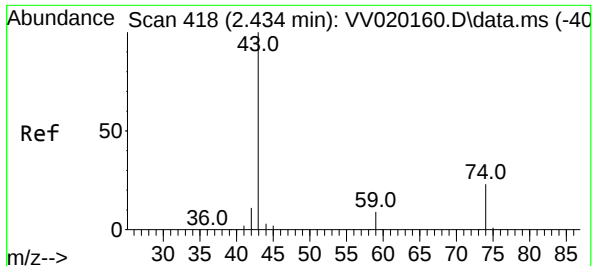
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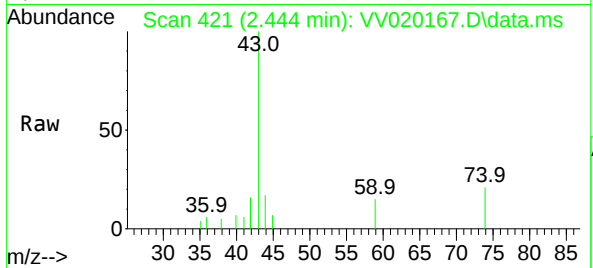
#14
Carbon disulfide
Concen: 2.02 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 76 Resp: 12175
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

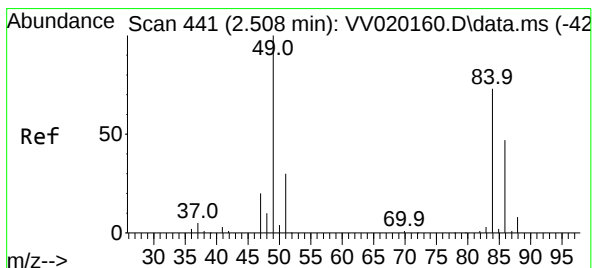
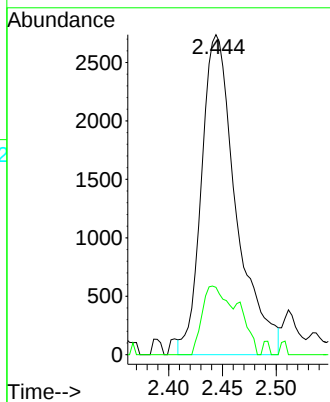
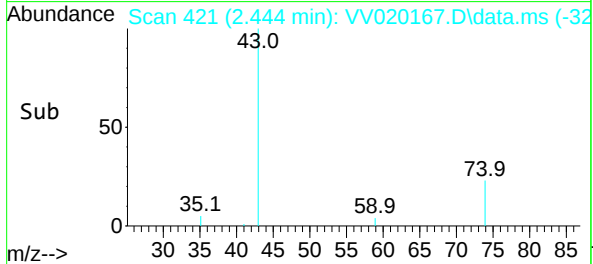




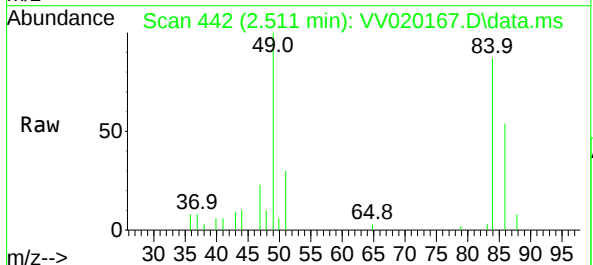
#15
Methyl Acetate
Concen: 2.31 ug/L
RT: 2.444 min Scan# 421
Delta R.T. 0.010 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



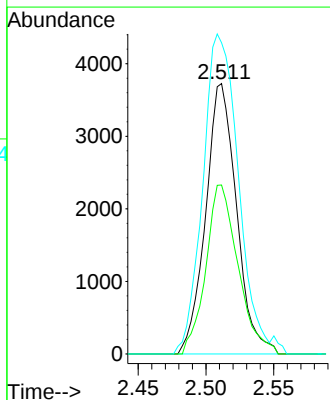
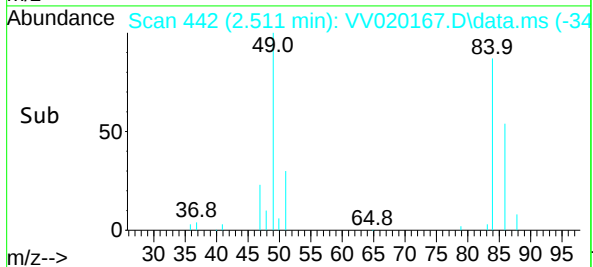
Tgt Ion: 43 Resp: 6134
Ion Ratio Lower Upper
43 100
74 16.3 18.8 28.2#



#16
Methylene chloride
Concen: 2.43 ug/L
RT: 2.511 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion: 84 Resp: 5914
Ion Ratio Lower Upper
84 100
86 62.5 45.6 84.8
49 115.1 89.3 165.9

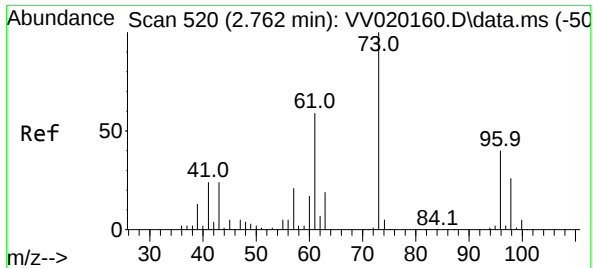


Instrument :
MSVOA_V
ClientSampleId :
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#17
trans-1,2-Dichloroethene
Concen: 2.18 ug/L
RT: 2.765 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

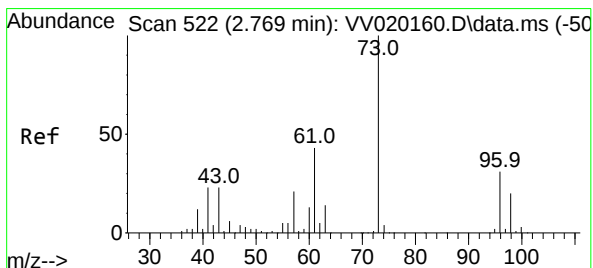
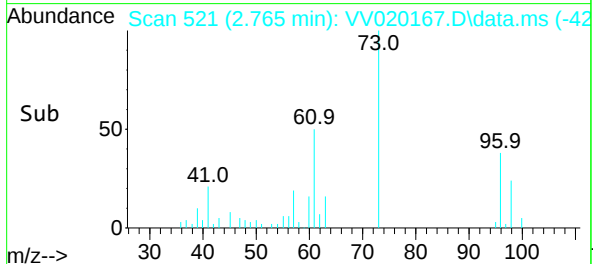
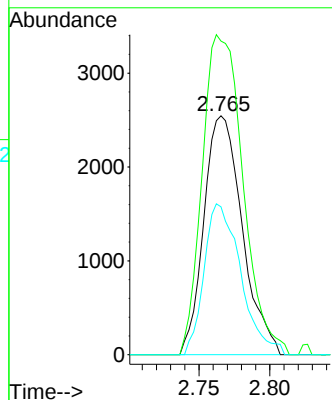
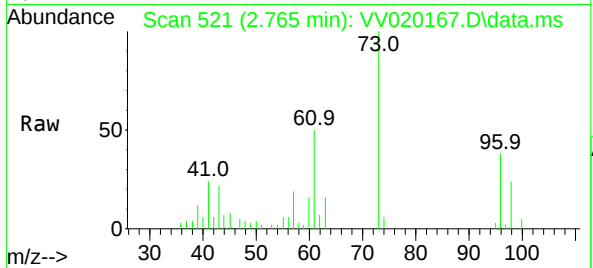
Tgt Ion: 96 Resp: 4797
Ion Ratio Lower Upper
96 100
61 131.3 100.7 187.1
98 61.9 42.9 79.7

Instrument :
MSVOA_V
ClientSampleId :
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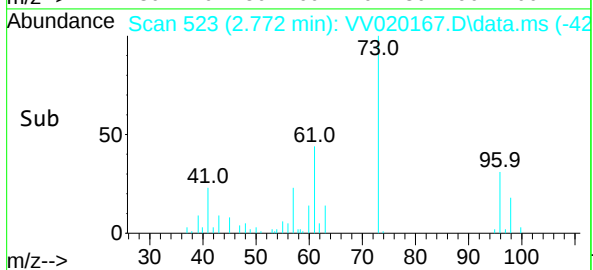
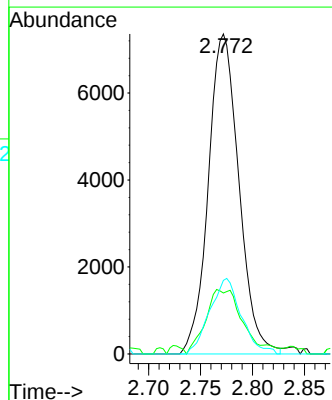
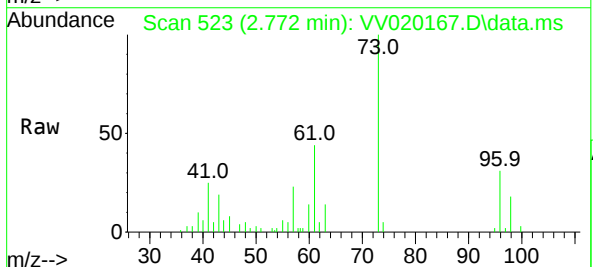
SAM

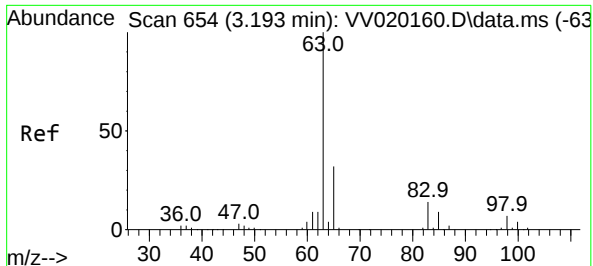
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#18
Methyl tert-butyl Ether
Concen: 2.01 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 73 Resp: 15027
Ion Ratio Lower Upper
73 100
43 12.2 17.9 26.9#
57 24.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.00 ug/L

RT: 3.200 min Scan# 656

Delta R.T. 0.006 min

Lab File: VV020167.D

Acq: 25 Jan 2021 23:07

Tgt Ion: 63	Resp: 8940		
Ion Ratio	Lower	Upper	
63 100			
65 30.7	21.8	40.6	
83 16.4	9.5	17.7	

Instrument :

MSVOA_V

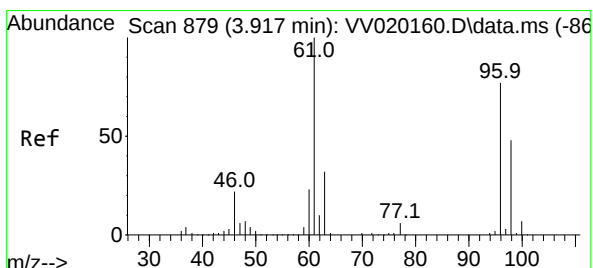
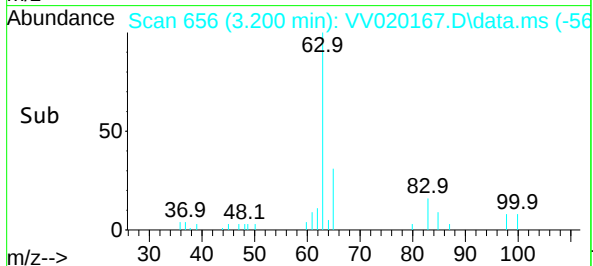
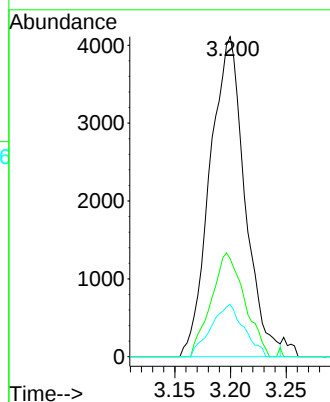
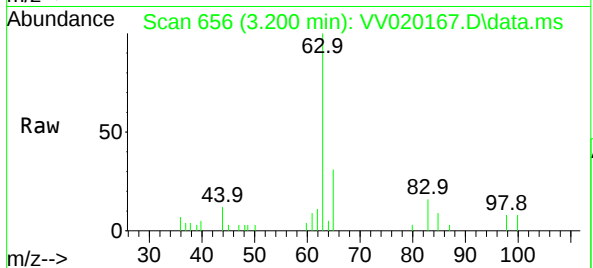
ClientSampleId :

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#20

cis-1,2-Dichloroethene

Concen: 2.13 ug/L

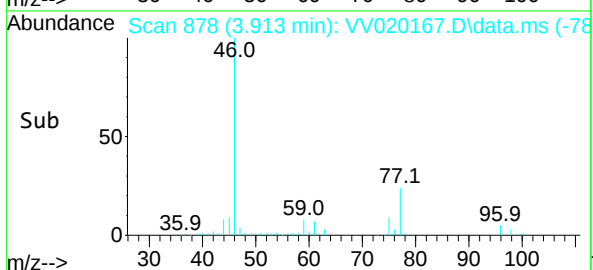
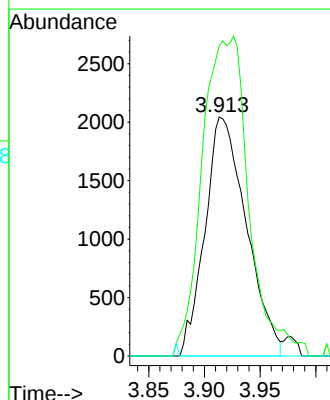
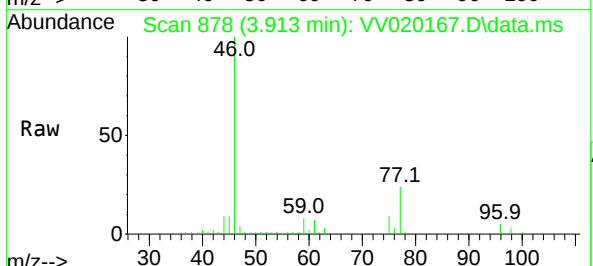
RT: 3.913 min Scan# 878

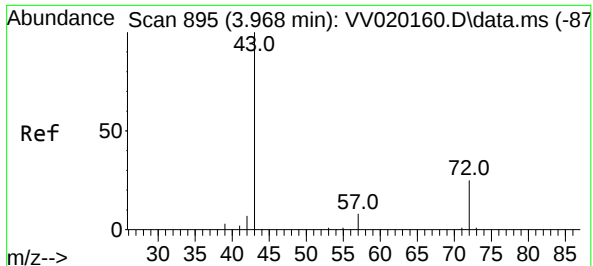
Delta R.T. 0.000 min

Lab File: VV020167.D

Acq: 25 Jan 2021 23:07

Tgt Ion: 96	Resp: 5292		
Ion Ratio	Lower	Upper	
96	100		
61	130.0	95.6	177.6
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 3.79 ug/L m
RT: 4.003 min Scan# 906
Delta R.T. 0.032 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

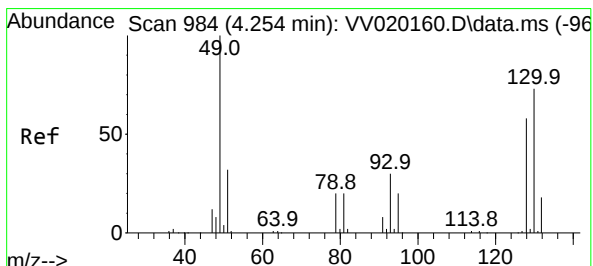
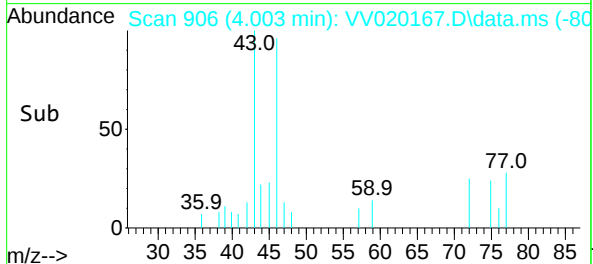
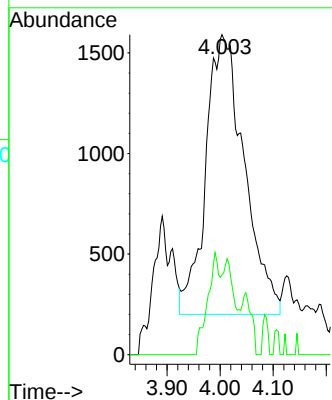
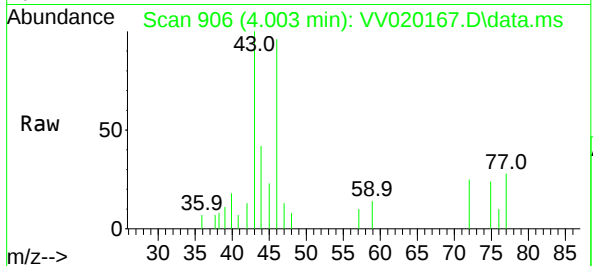
Tgt Ion: 43 Resp: 6993
Ion Ratio Lower Upper
43 100
72 1.0 12.7 38.0#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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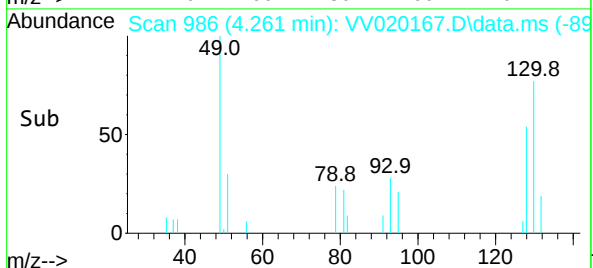
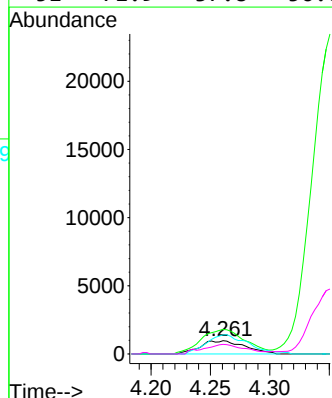
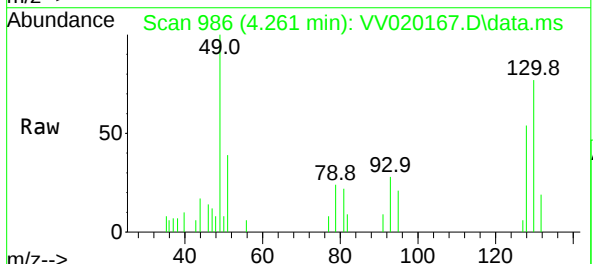
SAM

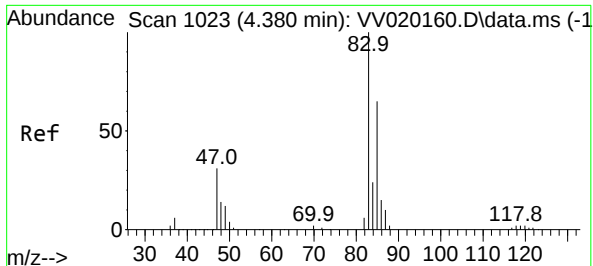
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#23
Bromochloromethane
Concen: 2.02 ug/L m
RT: 4.261 min Scan# 986
Delta R.T. 0.010 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 128 Resp: 2526
Ion Ratio Lower Upper
128 100
49 185.3 108.8 202.2
130 143.3 88.5 164.3
51 71.9 37.8 56.6#





#25

Chloroform

Concen: 2.44 ug/L

RT: 4.383 min Scan# 1024

Delta R.T. 0.003 min

Lab File: VV020167.D

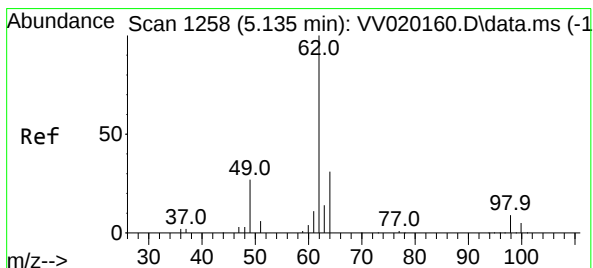
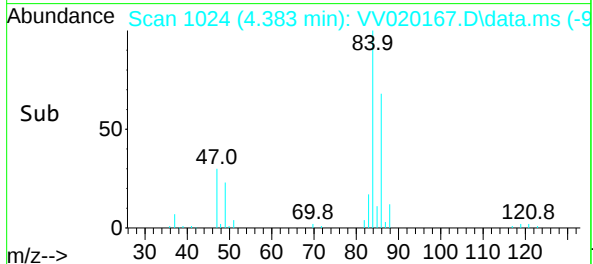
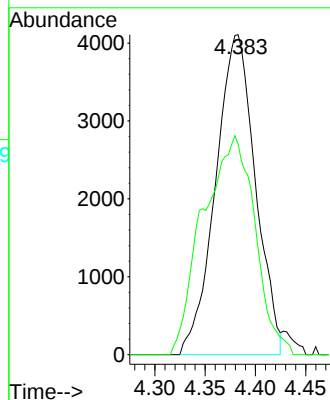
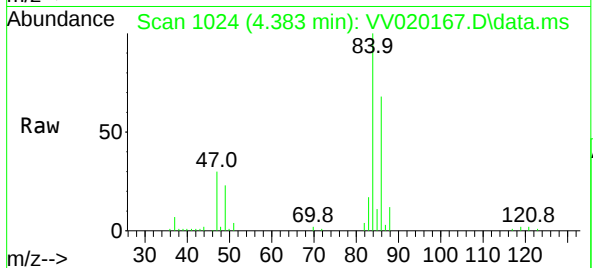
Acq: 25 Jan 2021 23:07

Tgt Ion: 83 Resp: 11307

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 2.12 ug/L

RT: 5.145 min Scan# 1261

Delta R.T. 0.010 min

Lab File: VV020167.D

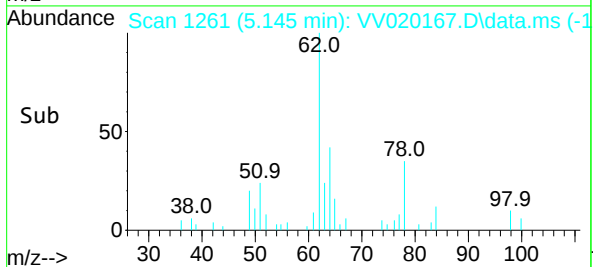
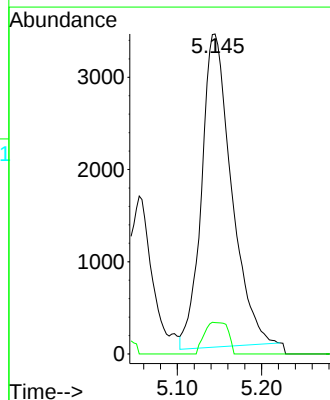
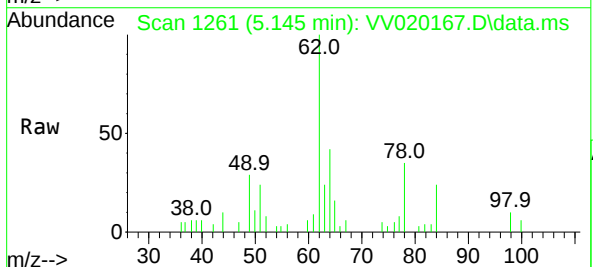
Acq: 25 Jan 2021 23:07

Tgt Ion: 62 Resp: 8389

Ion Ratio Lower Upper

62 100

98 9.8 6.8 10.2



Instrument :

MSVOA_V

ClientSampleId :

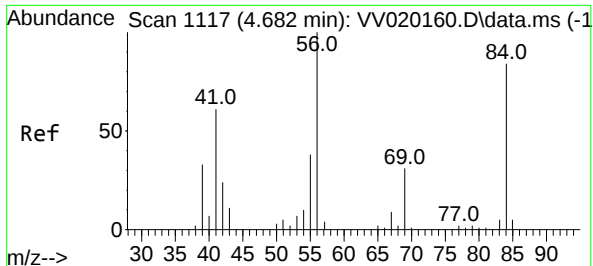
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#29

Cyclohexane

Concen: 1.83 ug/L

RT: 4.685 min Scan# 1118

Delta R.T. 0.003 min

Lab File: VV020167.D

Acq: 25 Jan 2021 23:07

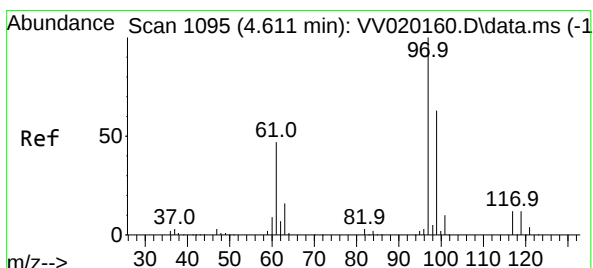
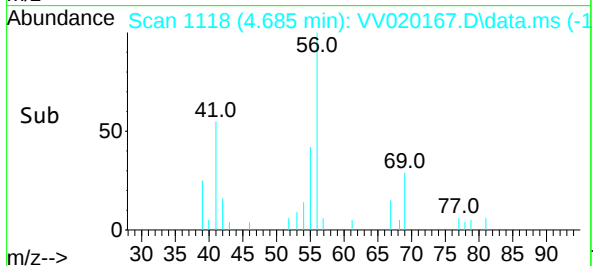
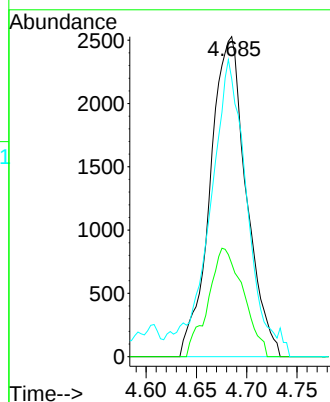
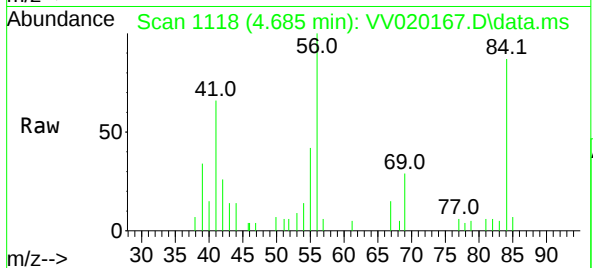
Tgt Ion:	56	Resp:	6317
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	86.5	70.5	105.7

Instrument :
MSVOA_V
ClientSampleId :
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#30

1,1,1-Trichloroethane

Concen: 2.07 ug/L

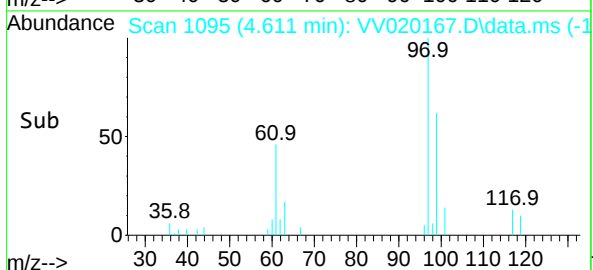
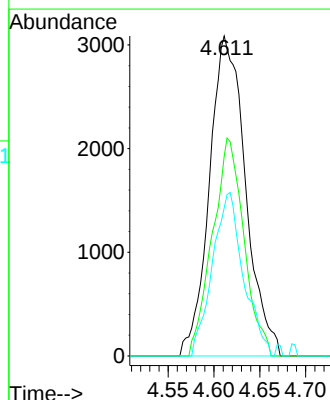
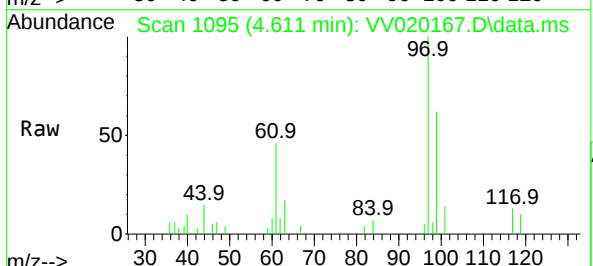
RT: 4.611 min Scan# 1095

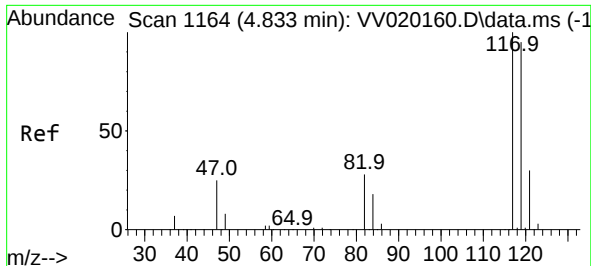
Delta R.T. 0.000 min

Lab File: VV020167.D

Acq: 25 Jan 2021 23:07

Tgt Ion:	97	Resp:	8445
Ion	Ratio	Lower	Upper
97	100		
99	59.4	52.0	78.0
61	44.0	35.3	52.9





#31
Carbon tetrachloride
Concen: 1.88 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

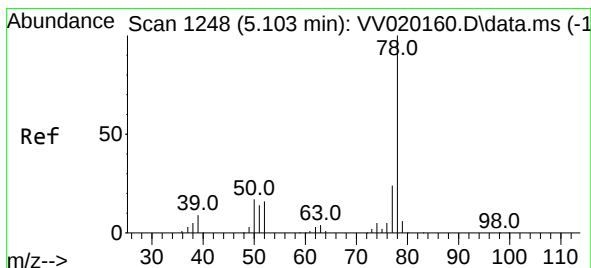
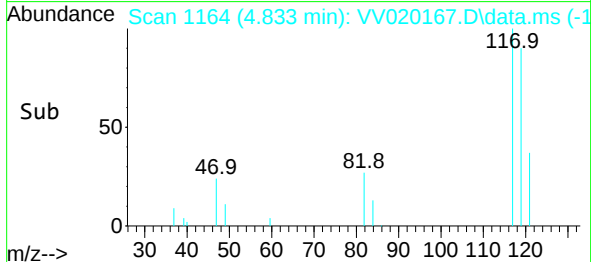
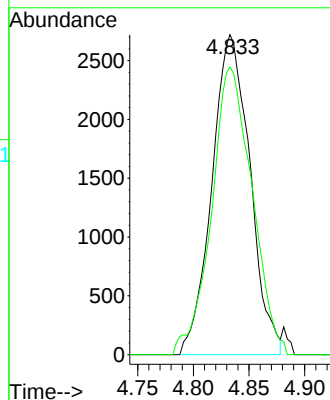
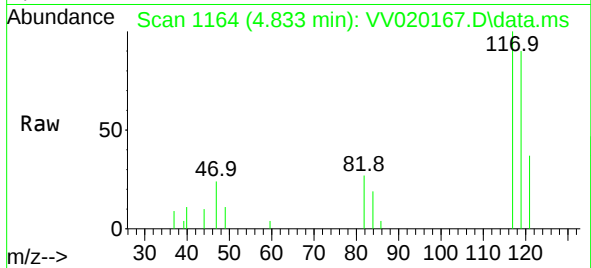
Tgt Ion: 117 Resp: 6467
Ion Ratio Lower Upper
117 100
119 93.8 77.8 116.6

Instrument :
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ClientSampleId :
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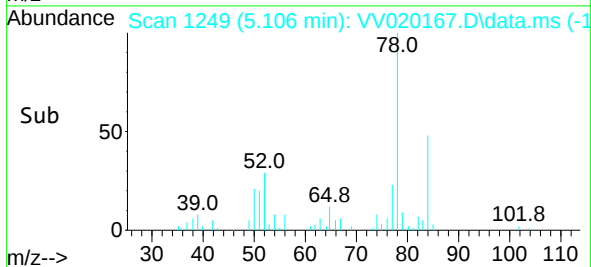
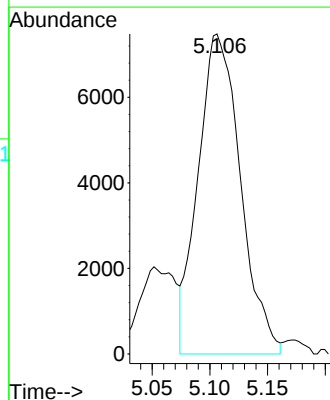
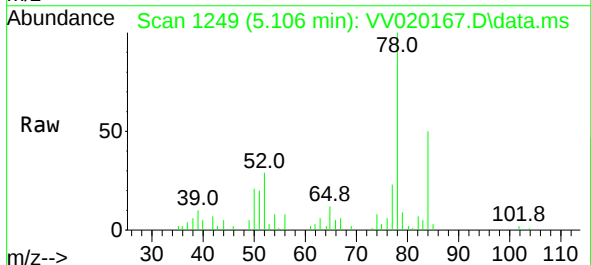
SAM

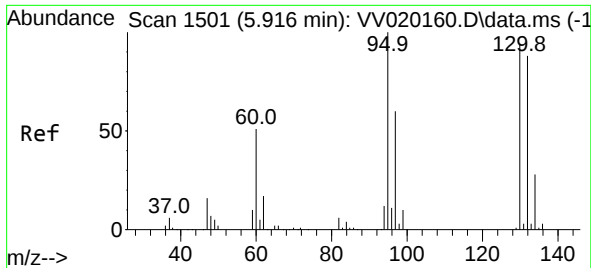
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#33
Benzene
Concen: 1.93 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 78 Resp: 19054





#34
Trichloroethene
Concen: 1.86 ug/L
RT: 5.929 min Scan# 1505
Delta R.T. 0.013 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 95 Resp: 4878

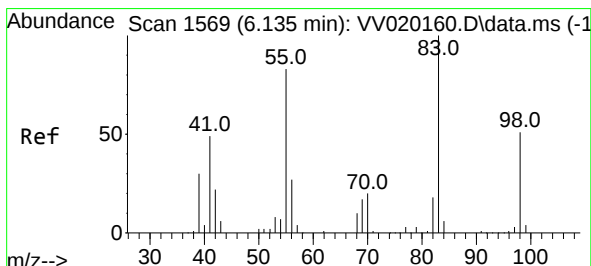
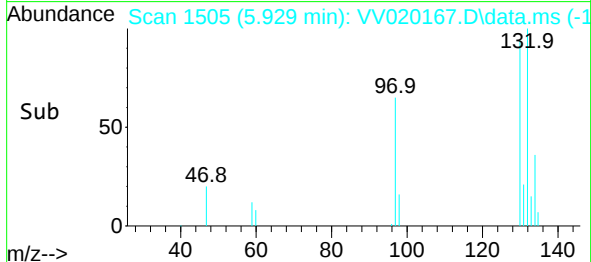
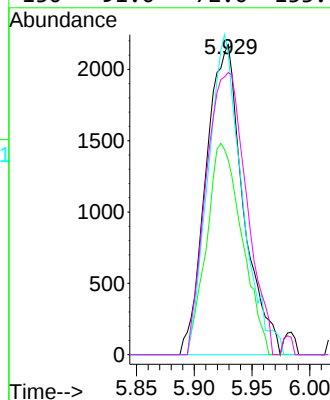
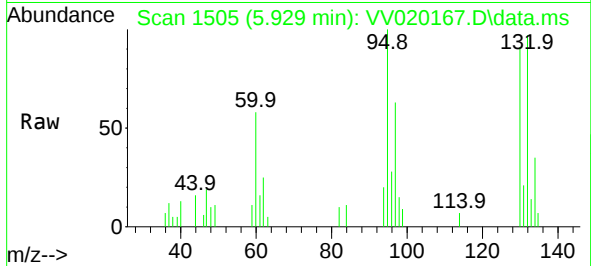
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.4	84.4
132	97.3	68.5	127.3
130	91.0	72.0	133.6

Instrument :
MSVOA_V
ClientSampleId :
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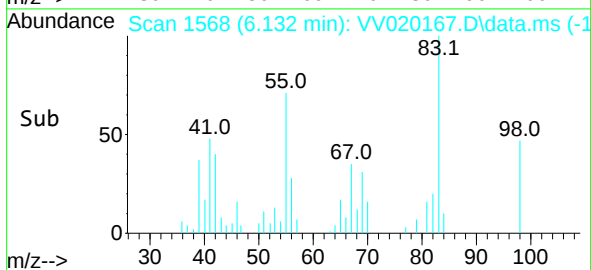
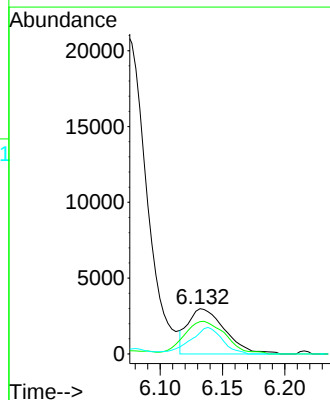
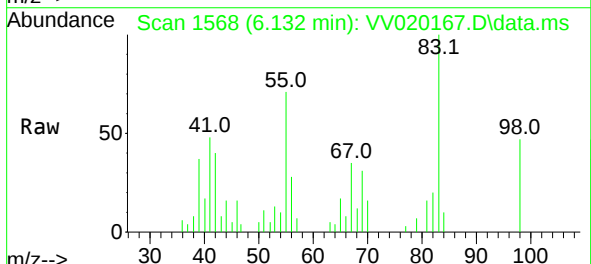
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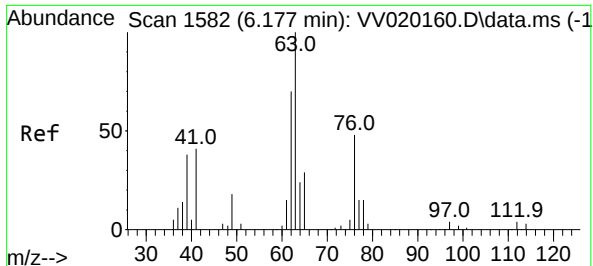


#35
Methylcyclohexane
Concen: 1.64 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 83 Resp: 6153

Ion	Ratio	Lower	Upper
83	100		
55	81.2	62.8	94.2
98	50.8	38.6	58.0





#37
1,2-Dichloropropane
Concen: 2.20 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

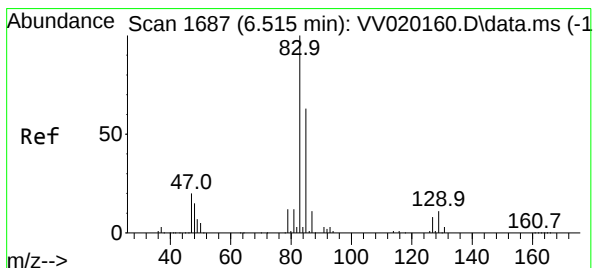
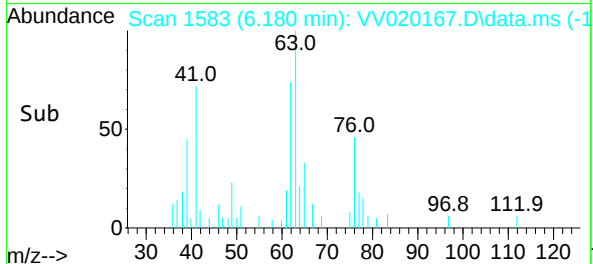
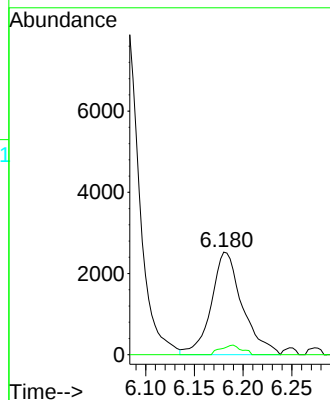
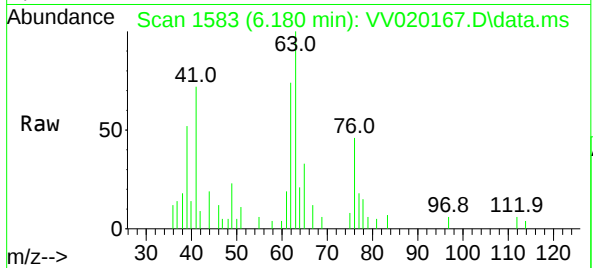
Tgt Ion: 63 Resp: 5613
Ion Ratio Lower Upper
63 100
112 5.6 4.2 6.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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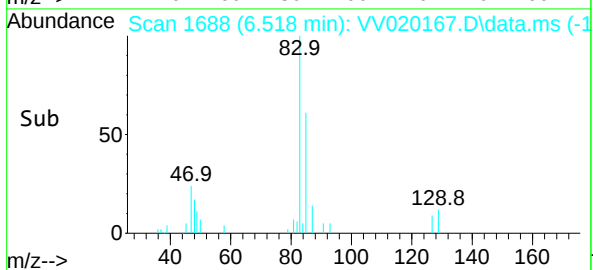
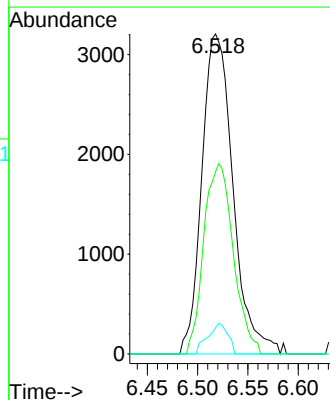
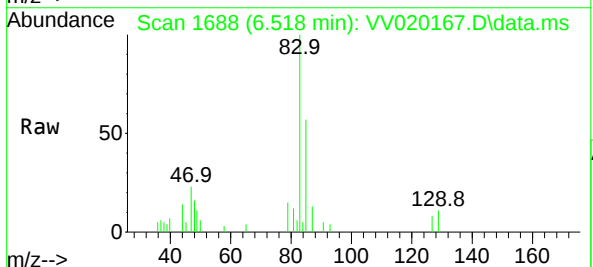
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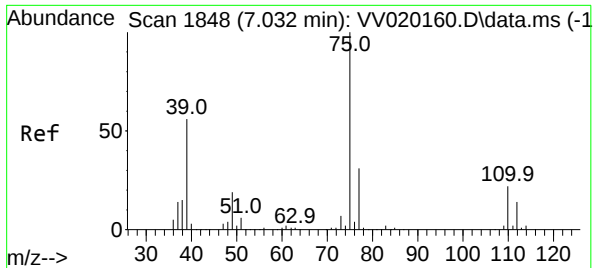
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#38
Bromodichloromethane
Concen: 1.93 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 83 Resp: 6905
Ion Ratio Lower Upper
83 100
85 56.9 44.0 81.8
127 8.2 7.3 10.9





#39
 cis-1,3-Dichloropropene
 Concen: 1.85 ug/L
 RT: 7.039 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VV020167.D
 Acq: 25 Jan 2021 23:07

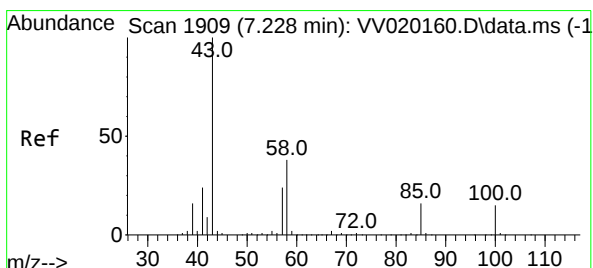
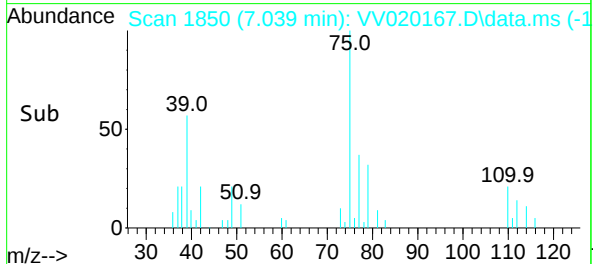
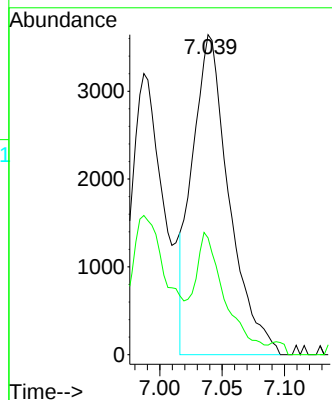
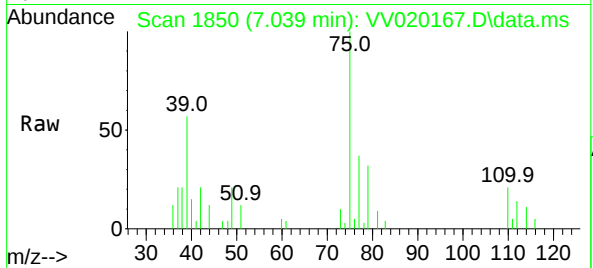
Tgt Ion: 75 Resp: 7479
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.2 41.2

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

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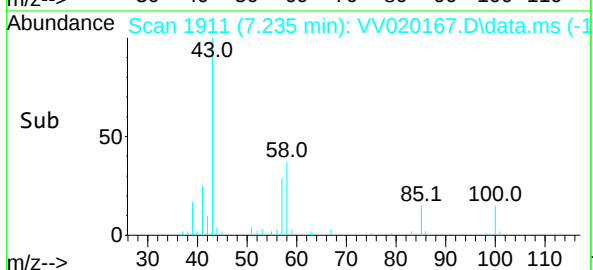
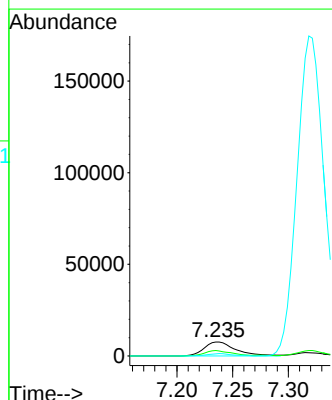
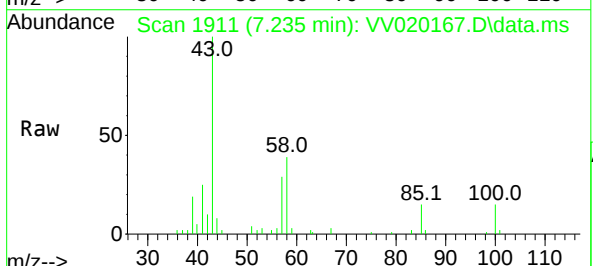
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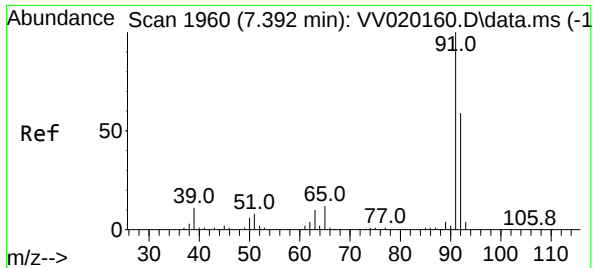
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#40
 4-Methyl-2-pentanone
 Concen: 3.88 ug/L
 RT: 7.235 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VV020167.D
 Acq: 25 Jan 2021 23:07

Tgt Ion: 43 Resp: 15089
 Ion Ratio Lower Upper
 43 100
 58 33.1 30.5 45.7
 100 12.6 12.7 19.1#





#42
Toluene
Concen: 1.88 ug/L
RT: 7.396 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

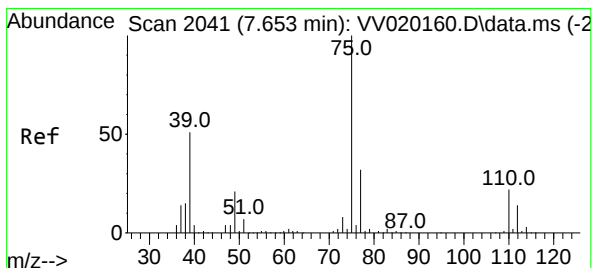
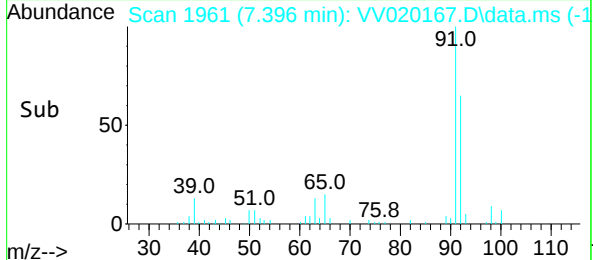
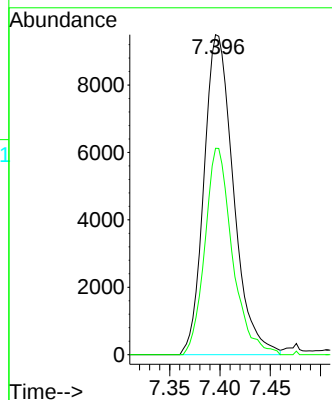
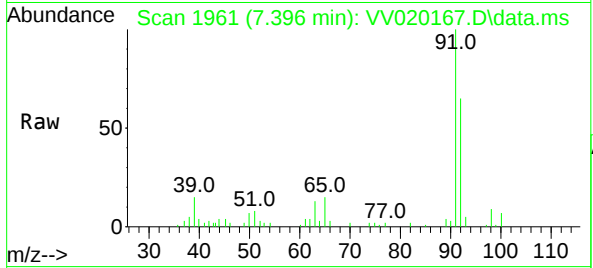
Tgt Ion: 91 Resp: 19360
Ion Ratio Lower Upper
91 100
92 64.5 40.6 75.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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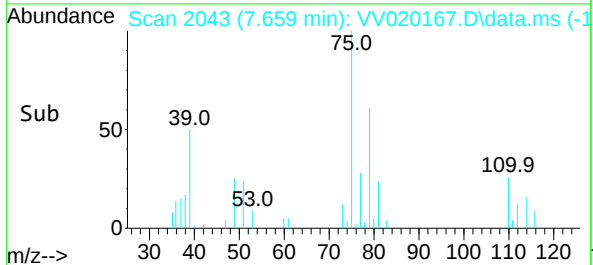
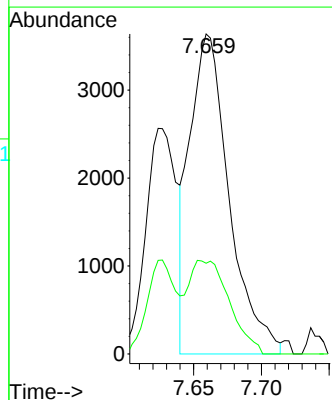
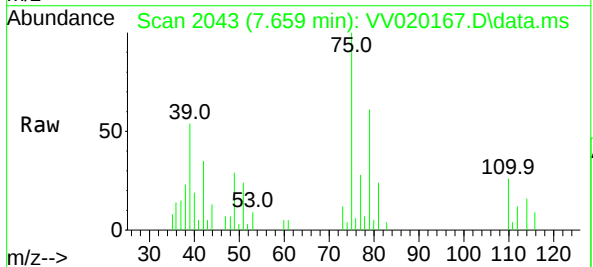
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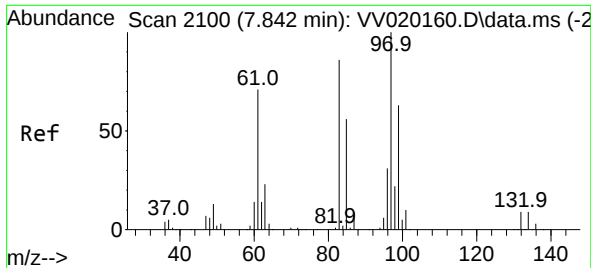
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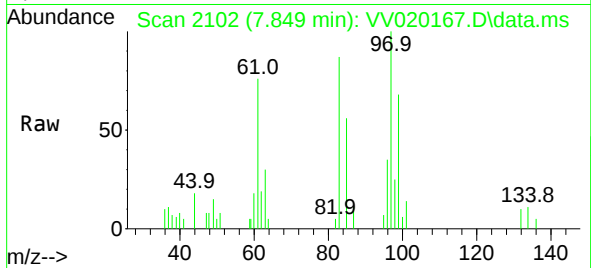
#44
trans-1,3-Dichloropropene
Concen: 1.90 ug/L
RT: 7.659 min Scan# 2043
Delta R.T. 0.006 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 75 Resp: 7358
Ion Ratio Lower Upper
75 100
77 28.3 21.6 40.2

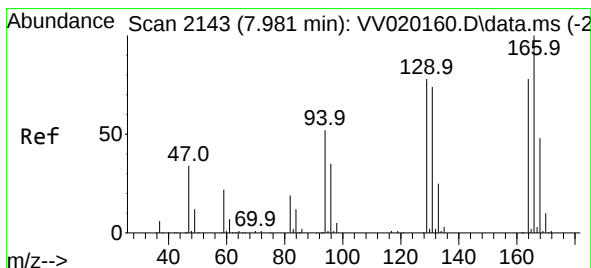
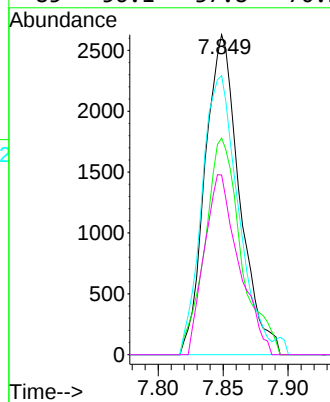
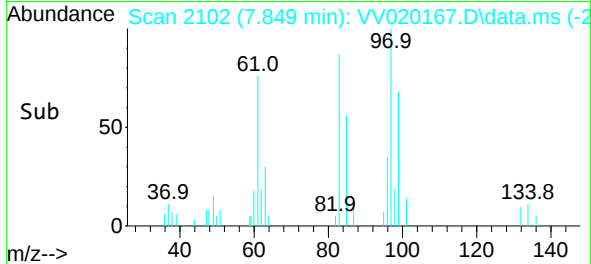




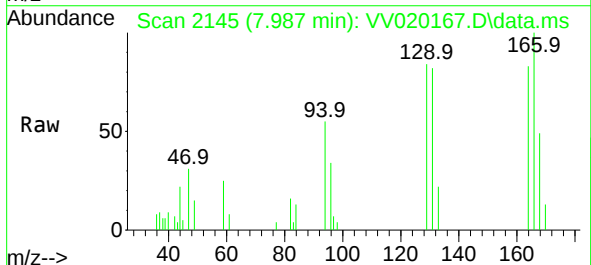
#45
1,1,2-Trichloroethane
Concen: 1.98 ug/L
RT: 7.849 min Scan# 2102
Delta R.T. 0.006 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



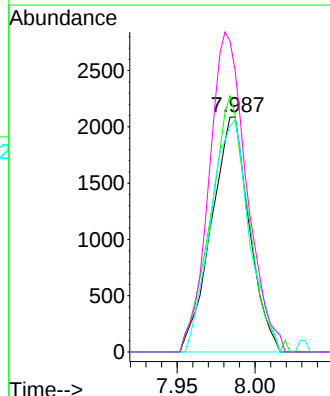
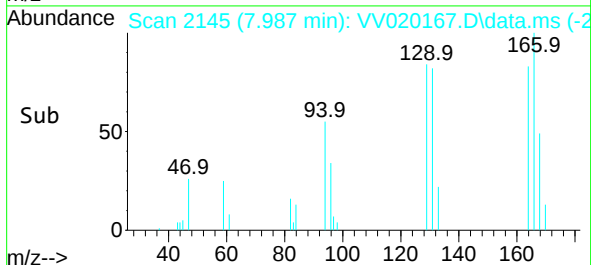
Tgt Ion:	97	Resp:	4851
Ion	Ratio	Lower	Upper
97	100		
99	67.7	45.1	83.9
83	87.2	57.6	107.0
85	56.1	37.8	70.2



#46
Tetrachloroethene
Concen: 1.86 ug/L
RT: 7.987 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion:	164	Resp:	3517
Ion	Ratio	Lower	Upper
164	100		
129	100.8	62.6	116.3
131	98.5	59.0	109.6
166	119.8	88.0	163.4

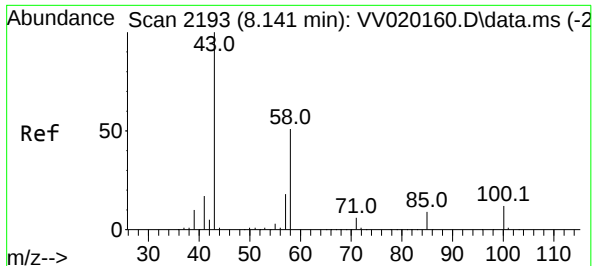


Instrument :
MSVOA_V
ClientSampleId :
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#48
2-Hexanone
Concen: 3.92 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

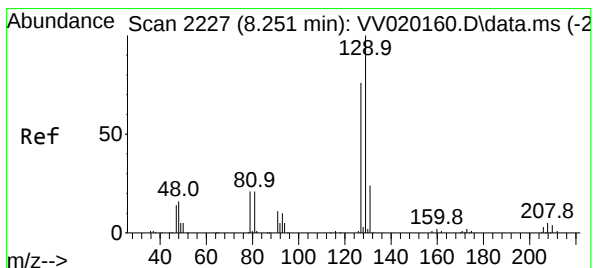
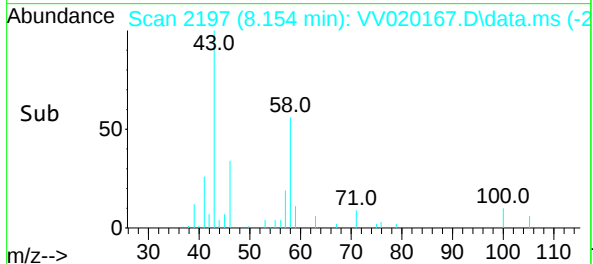
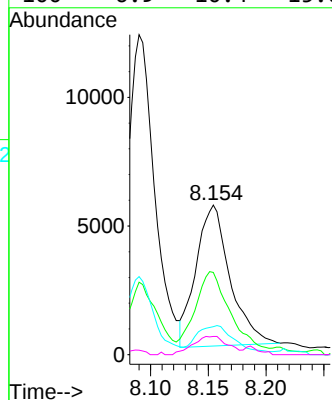
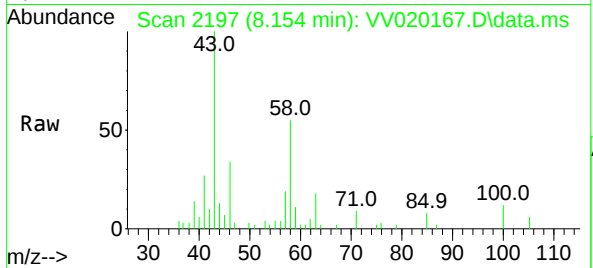
Tgt Ion: 43	Resp: 11266
Ion Ratio	Lower Upper
43 100	
58 63.1	42.6 63.8
57 20.3	15.8 23.8
100 6.9	10.4 15.6#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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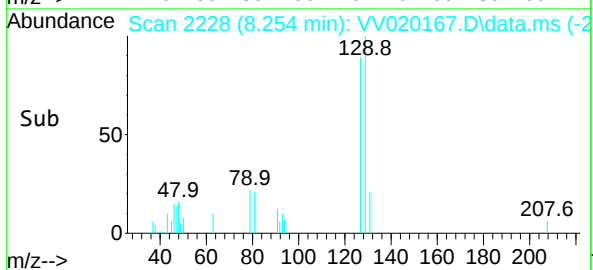
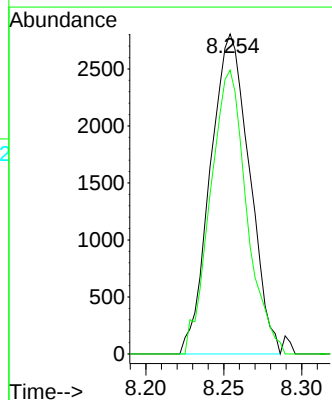
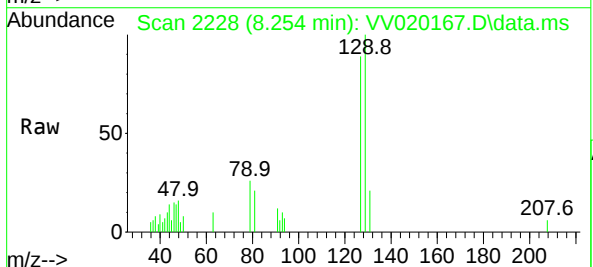
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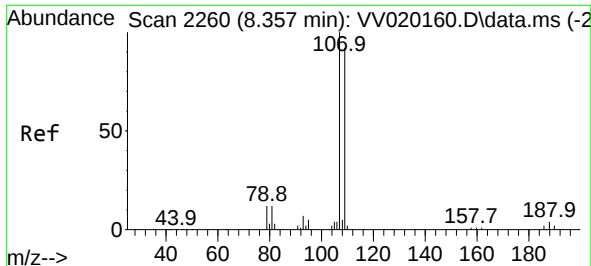
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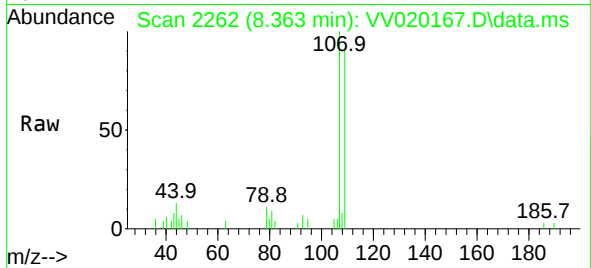
#49
Dibromochloromethane
Concen: 1.76 ug/L
RT: 8.254 min Scan# 2228
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt	Ion:129	Resp:	4899
Ion	Ratio	Lower	Upper
129	100		
127	88.7	54.4	101.0

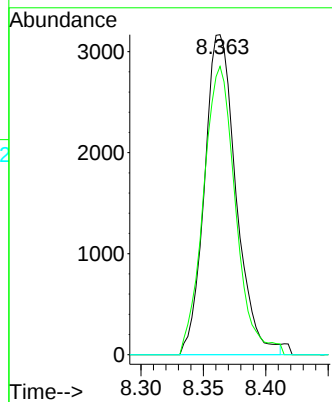
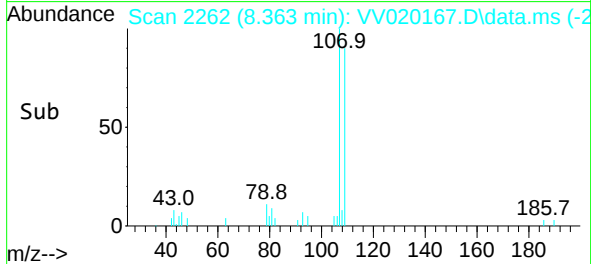




#50
1,2-Dibromoethane
Concen: 1.99 ug/L
RT: 8.363 min Scan# 2262
Delta R.T. 0.006 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion:107 Resp: 5589
Ion Ratio Lower Upper
107 100
109 90.1 64.8 120.4
188 0.0 3.8 5.8#

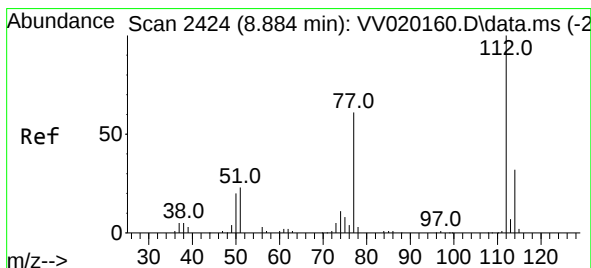


Instrument :
MSVOA_V
ClientSampleId :
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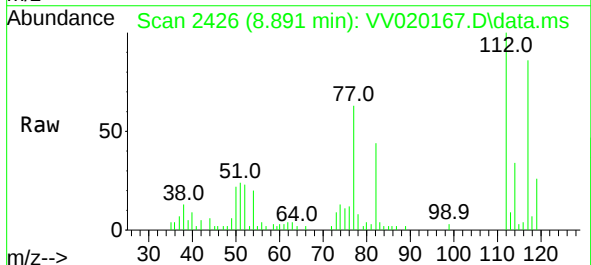
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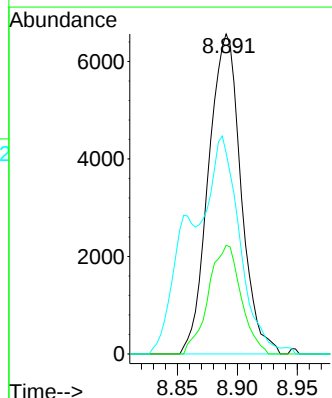
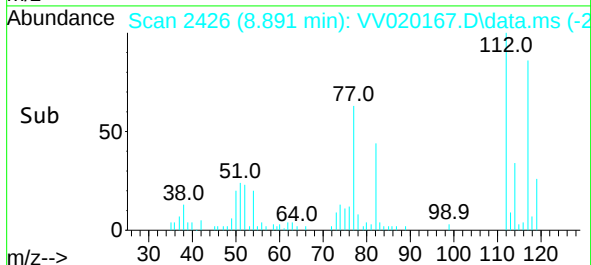
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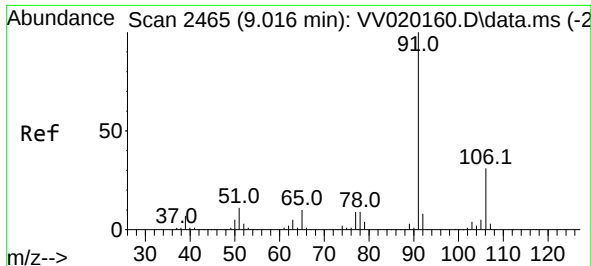


#51
Chlorobenzene
Concen: 1.78 ug/L
RT: 8.891 min Scan# 2426
Delta R.T. 0.006 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion:112 Resp: 12346
Ion Ratio Lower Upper
112 100
114 34.0 22.7 42.1
77 62.8 47.3 70.9





#52
Ethylbenzene
Concen: 1.73 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

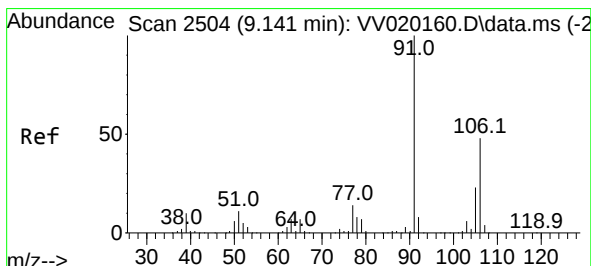
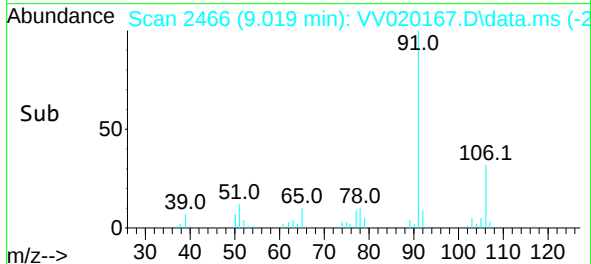
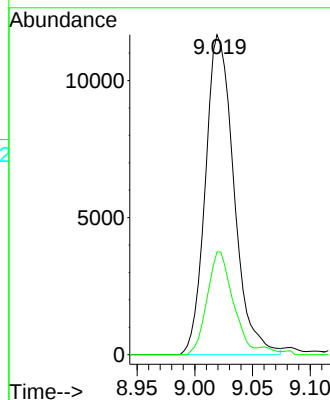
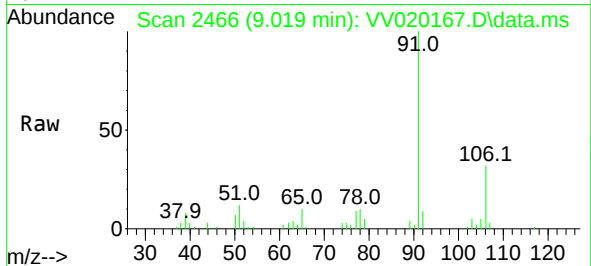
Tgt Ion: 91 Resp: 20042
Ion Ratio Lower Upper
91 100
106 32.1 21.6 40.0

Instrument :
MSVOA_V
ClientSampleId :
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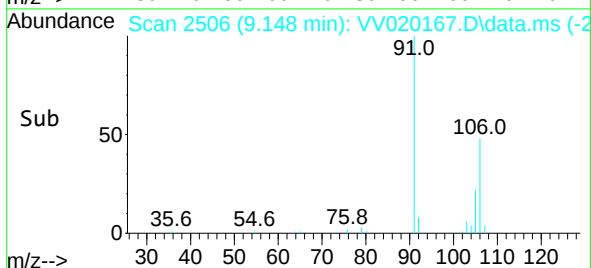
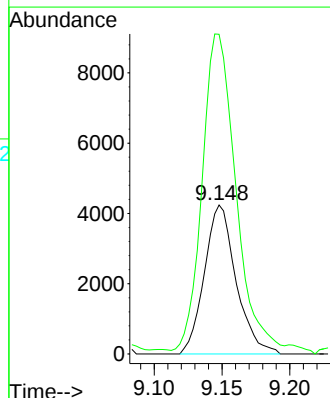
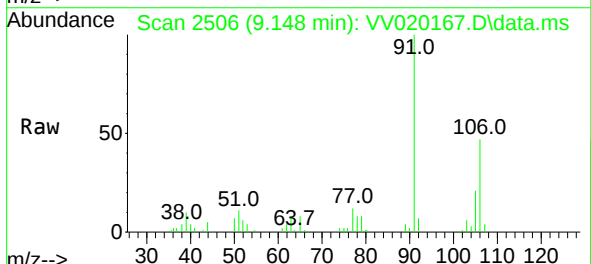
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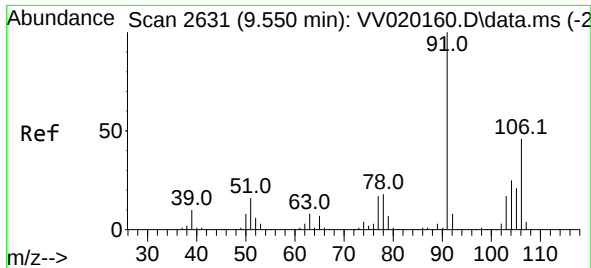
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#53
m,p-Xylene
Concen: 1.57 ug/L
RT: 9.148 min Scan# 2506
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 106 Resp: 6881
Ion Ratio Lower Upper
106 100
91 214.5 147.2 273.4





#54
o-Xylene
Concen: 1.57 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

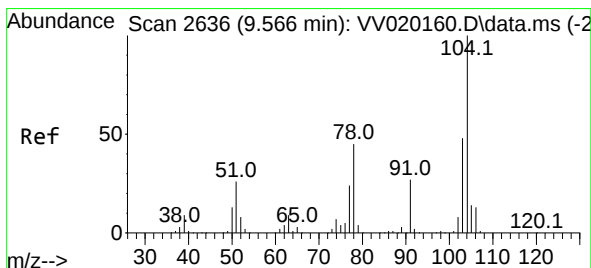
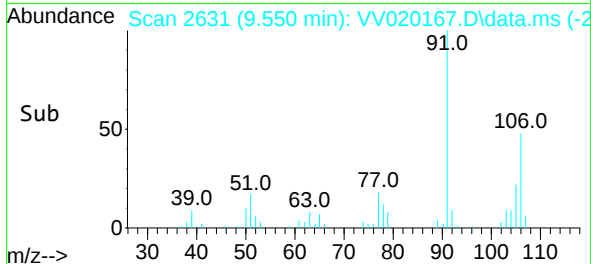
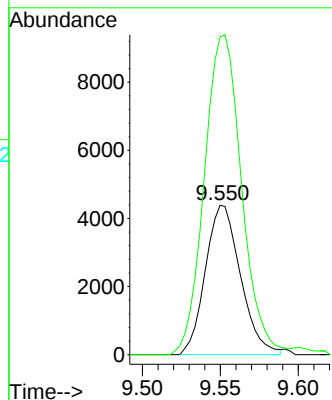
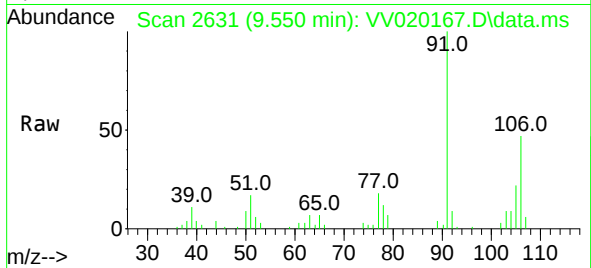
Tgt Ion:106 Resp: 6880
Ion Ratio Lower Upper
106 100
91 212.7 151.6 281.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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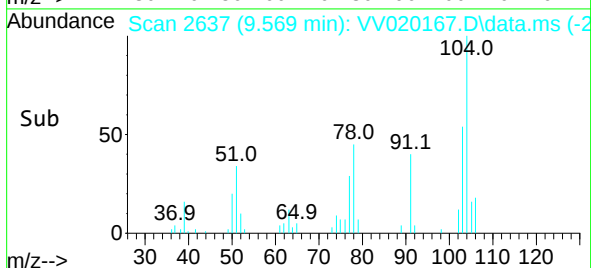
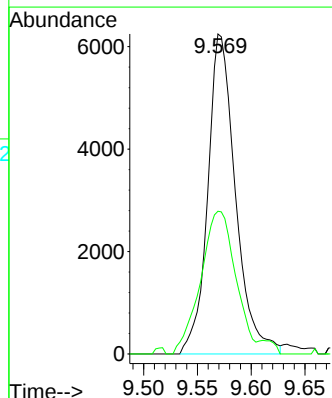
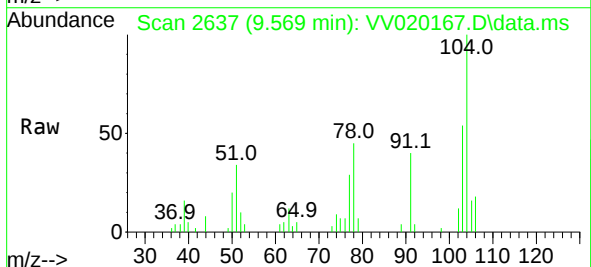
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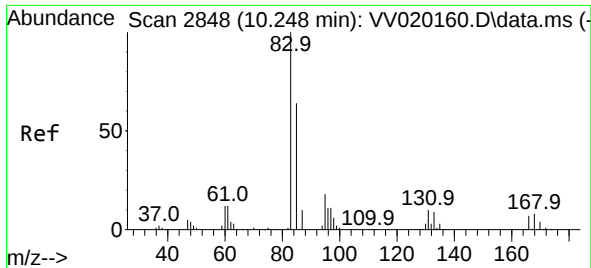
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#55
Styrene
Concen: 1.47 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion:104 Resp: 11230
Ion Ratio Lower Upper
104 100
78 44.6 32.6 60.5





#57
1,1,2,2-Tetrachloroethane
Concen: 2.27 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

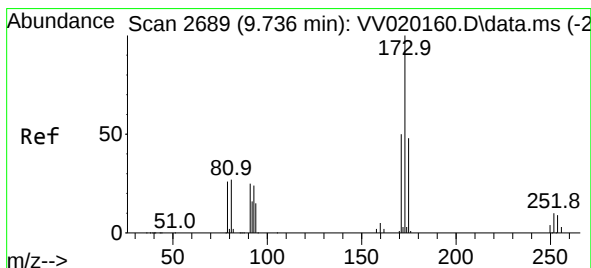
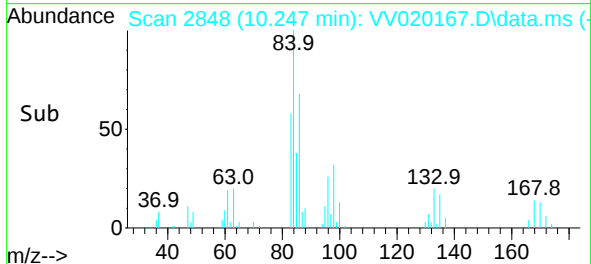
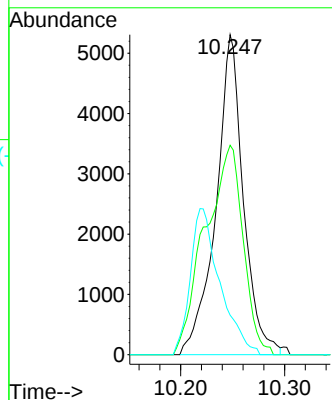
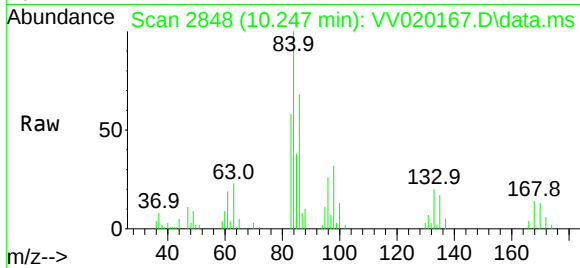
Tgt Ion:	83	Resp:	9700
Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.0	83.6
131	12.4	8.9	13.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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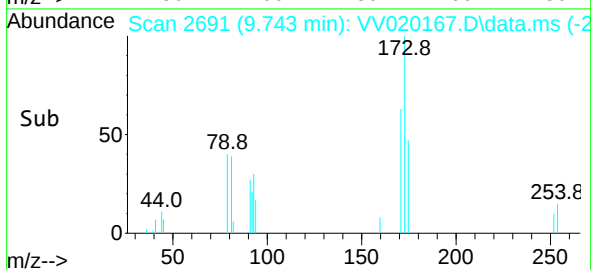
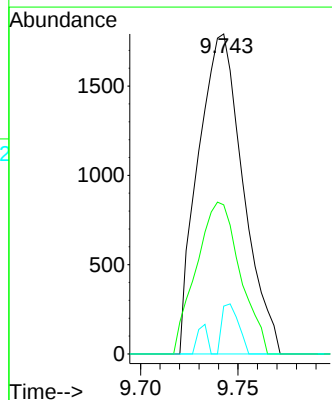
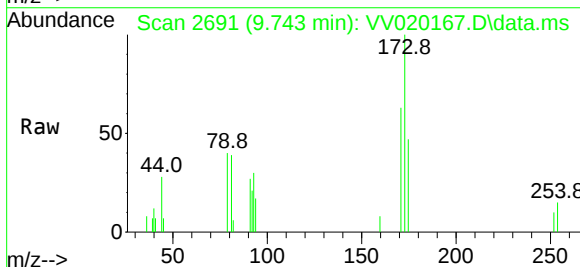
SAM

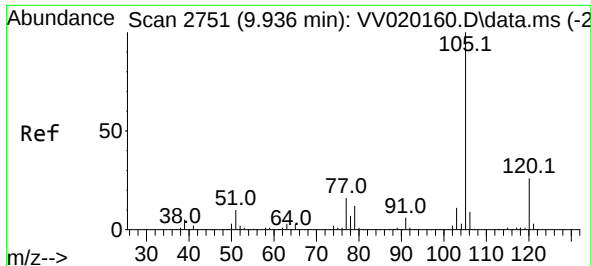
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#59
Bromoform
Concen: 1.52 ug/L
RT: 9.743 min Scan# 2691
Delta R.T. 0.006 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion:	173	Resp:	2868
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.4	57.6
254	5.8	9.0	13.6#





#60
Isopropylbenzene
Concen: 1.70 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

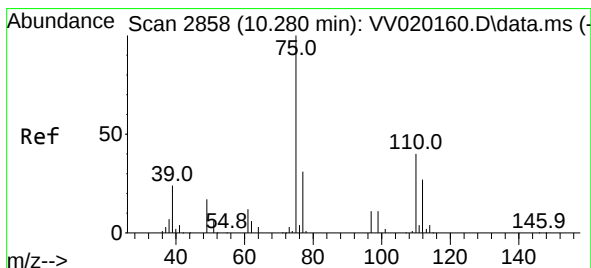
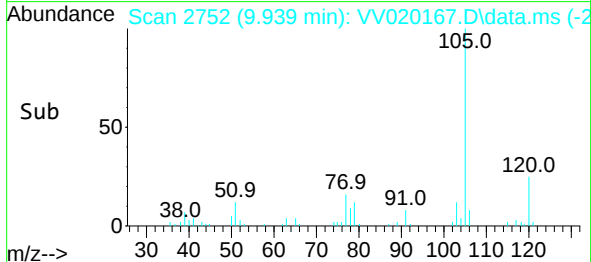
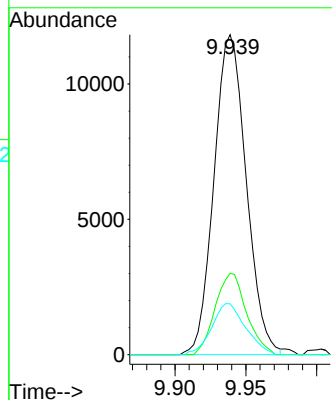
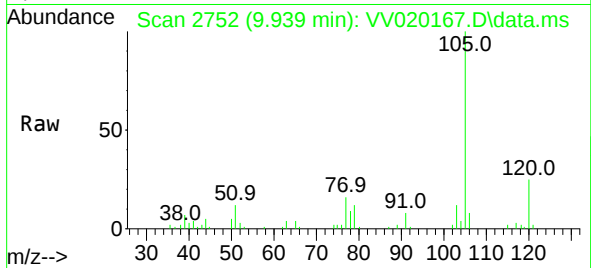
Tgt Ion:	105	Resp:	18720
Ion Ratio	Lower	Upper	
105	100		
120	24.7	21.0	31.4
77	16.7	13.0	19.6

Instrument :
MSVOA_V
ClientSampleId :
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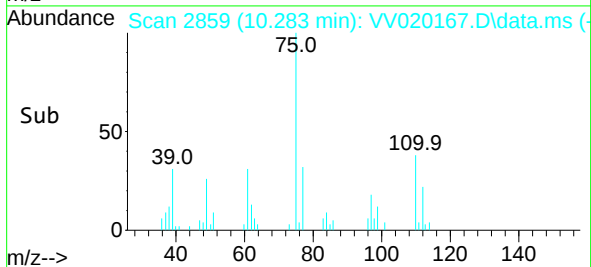
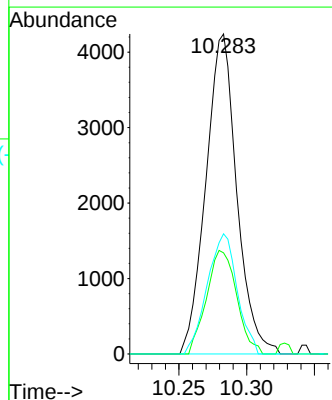
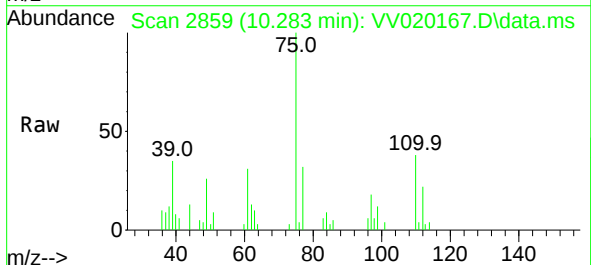
SAM

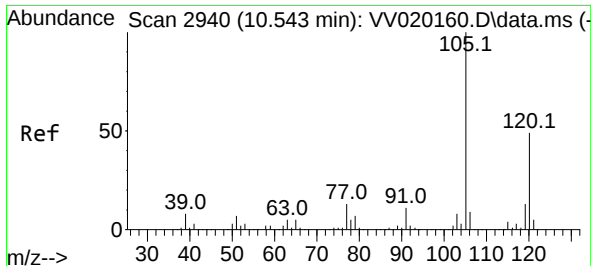
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#61
1,2,3-Trichloropropane
Concen: 2.07 ug/L
RT: 10.283 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion:	75	Resp:	6719
Ion Ratio	Lower	Upper	
75	100		
77	31.5	24.8	37.2
110	36.4	33.4	50.2





#62
1,3,5-Trimethylbenzene
Concen: 1.53 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

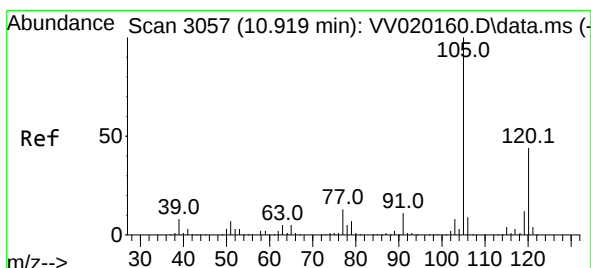
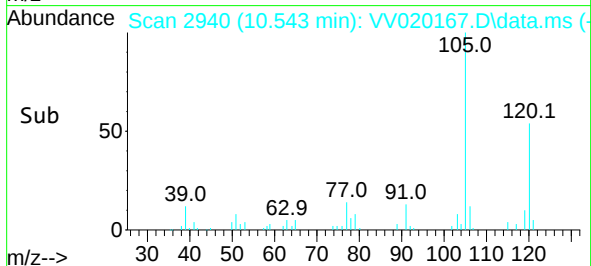
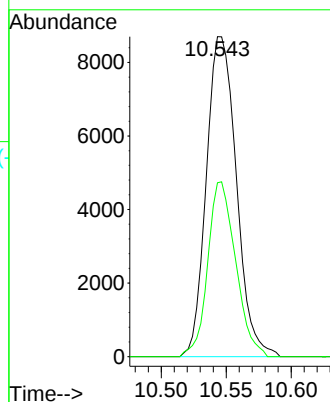
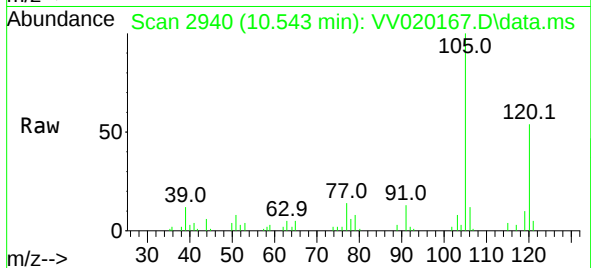
Tgt Ion:105 Resp: 14012
Ion Ratio Lower Upper
105 100
120 50.6 38.3 57.5

Instrument :
MSVOA_V
ClientSampleId :
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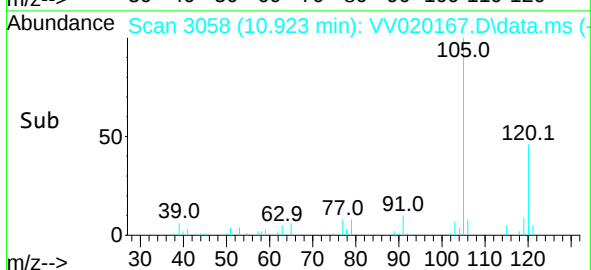
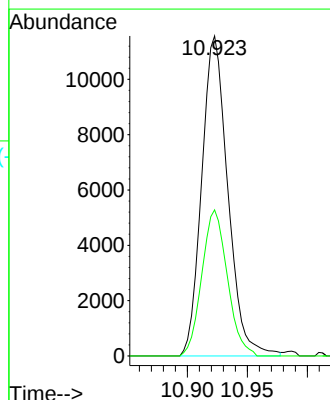
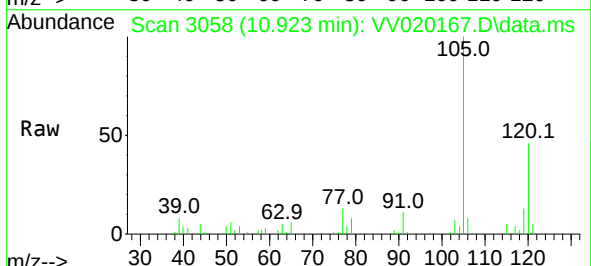
SAM

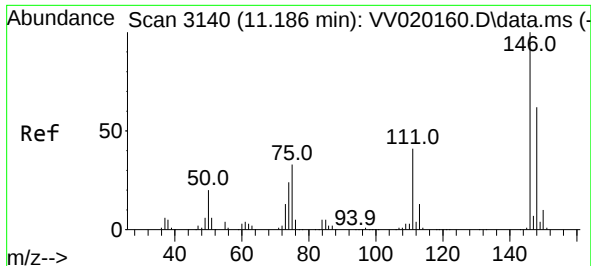
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#63
1,2,4-Trimethylbenzene
Concen: 1.95 ug/L
RT: 10.923 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion:105 Resp: 17553
Ion Ratio Lower Upper
105 100
120 44.5 35.7 53.5





#64
1,3-Dichlorobenzene
Concen: 1.90 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

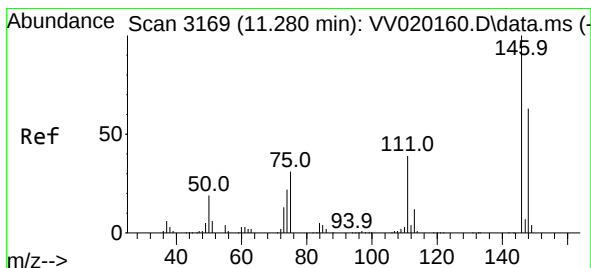
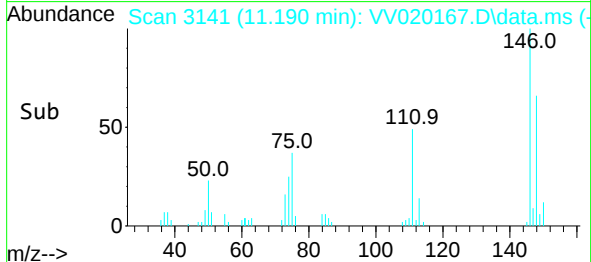
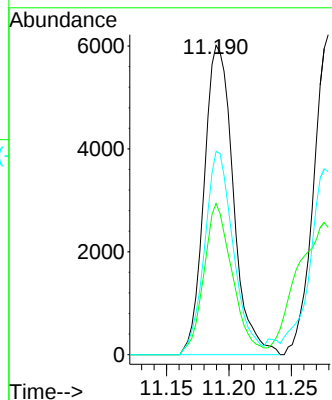
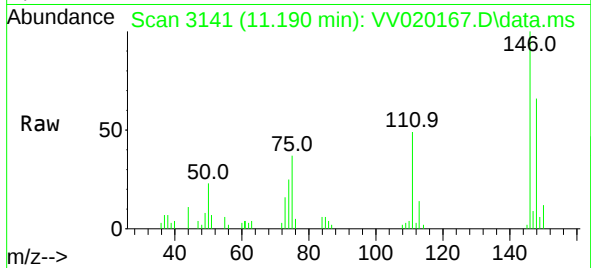
Tgt Ion:146 Resp: 9762
Ion Ratio Lower Upper
146 100
111 48.9 27.3 50.7
148 65.7 45.2 84.0

Instrument :
MSVOA_V
ClientSampleId :
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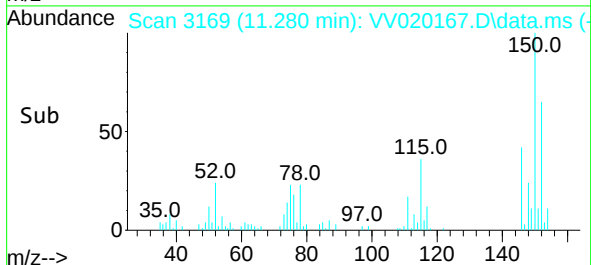
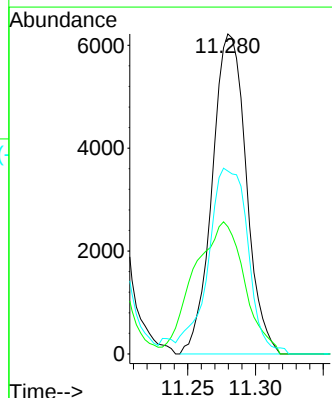
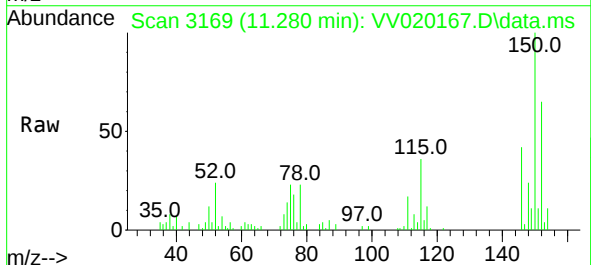
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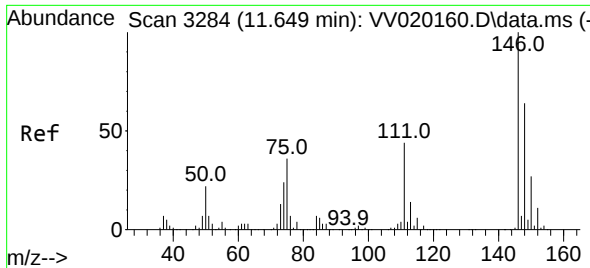
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#65
1,4-Dichlorobenzene
Concen: 2.09 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion:146 Resp: 10849
Ion Ratio Lower Upper
146 100
111 39.7 25.9 48.1
148 57.2 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 2.04 ug/L
RT: 11.653 min Scan# 3285
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

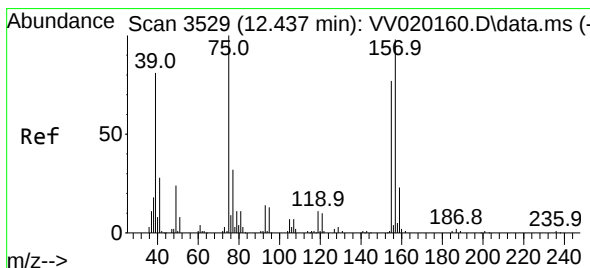
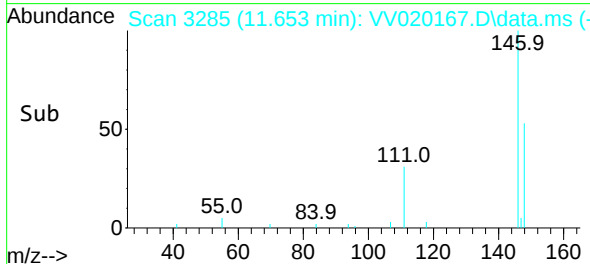
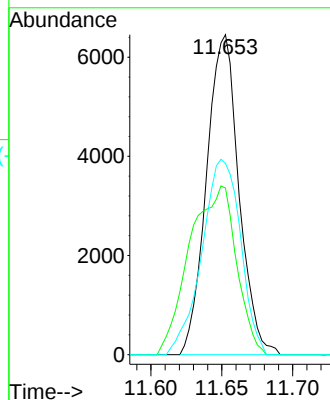
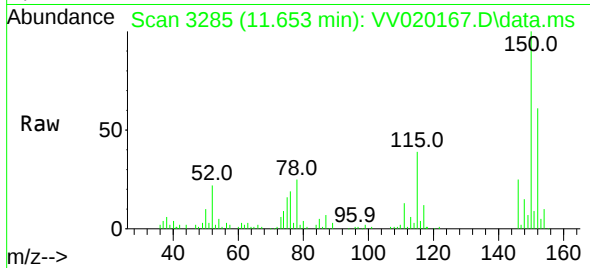
Tgt Ion: 146 Resp: 10252
Ion Ratio Lower Upper
146 100
111 52.1 32.6 48.8#
148 59.7 50.1 75.1

Instrument :
MSVOA_V
ClientSampleId :
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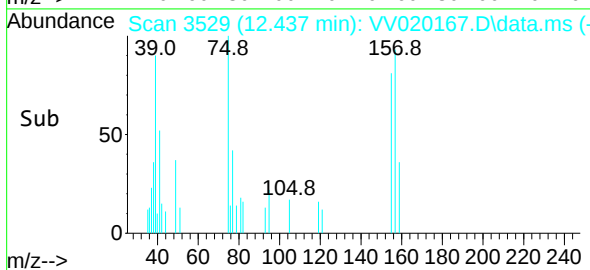
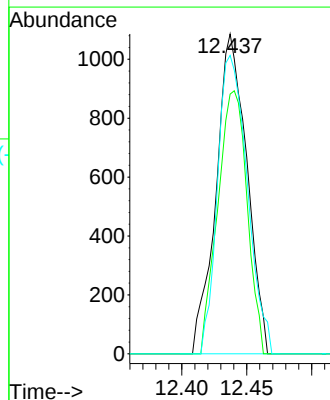
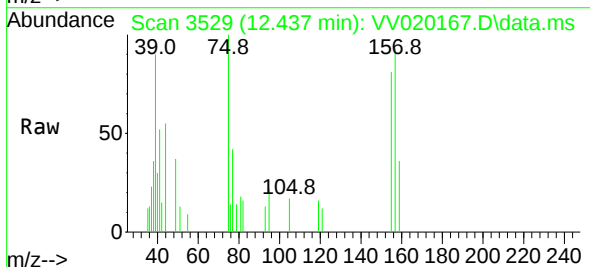
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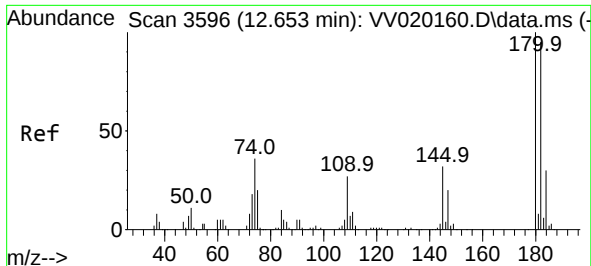
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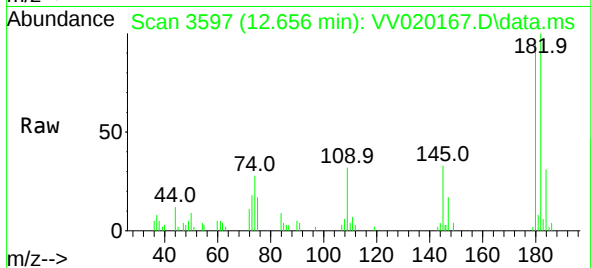
#68
1,2-Dibromo-3-chloropropane
Concen: 1.95 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

Tgt Ion: 75 Resp: 1793
Ion Ratio Lower Upper
75 100
155 81.2 65.8 98.6
157 93.3 86.3 129.5

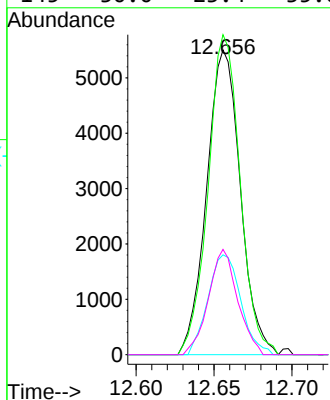
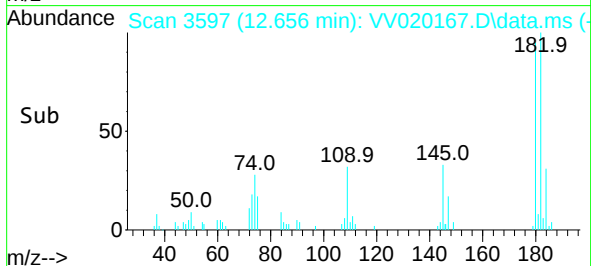




#69
1,3,5-Trichlorobenzene
Concen: 2.20 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion:180 Resp: 8277
Ion Ratio Lower Upper
180 100
182 99.6 77.7 116.5
184 31.9 24.9 37.3
145 30.0 23.4 35.0

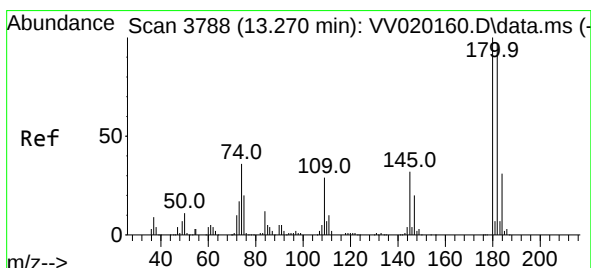


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

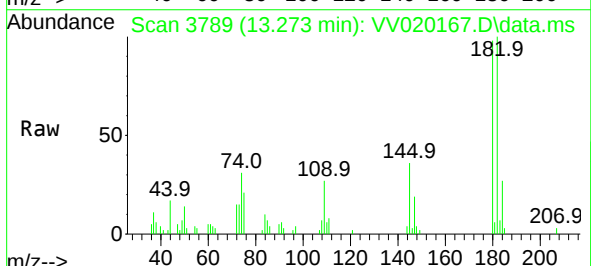
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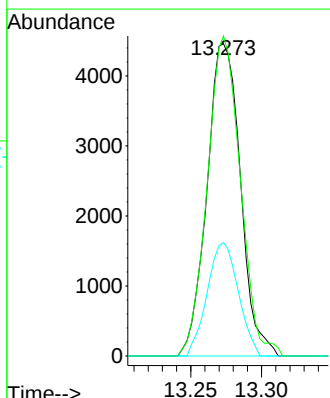
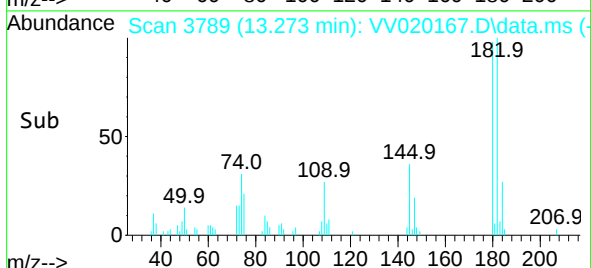
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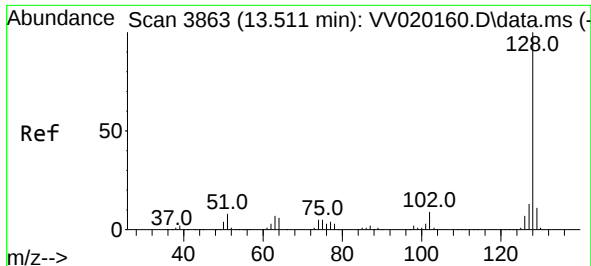


#70
1,2,4-trichlorobenzene
Concen: 2.04 ug/L
RT: 13.273 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07

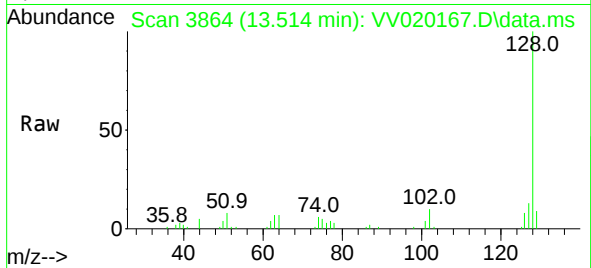


Tgt Ion:180 Resp: 7340
Ion Ratio Lower Upper
180 100
182 99.6 76.6 114.8
145 33.6 23.2 34.8

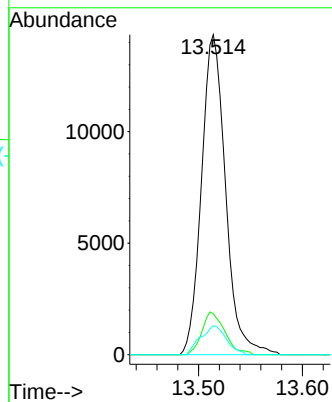
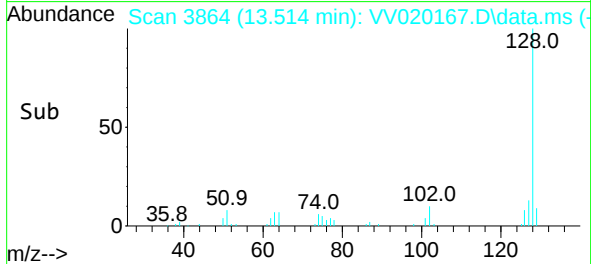




#71
Naphthalene
Concen: 1.97 ug/L
RT: 13.514 min Scan# 3864
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion:128 Resp: 23058
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 9.6 8.6 13.0

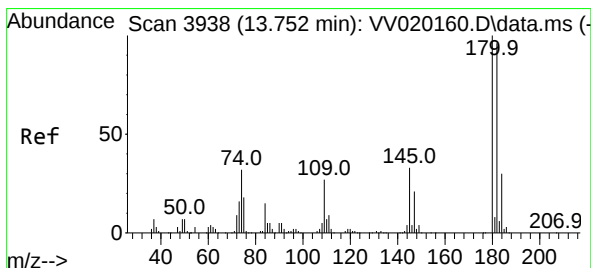


Instrument :
MSVOA_V
ClientSampleId :
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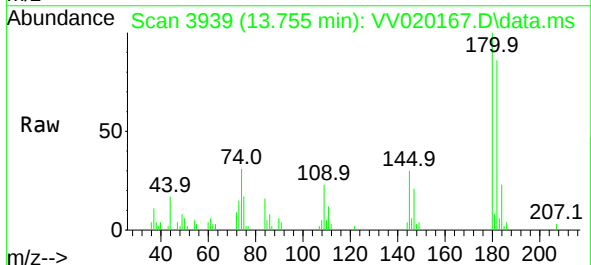
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#72
1,2,3-Trichlorobenzene
Concen: 2.10 ug/L
RT: 13.755 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020167.D
Acq: 25 Jan 2021 23:07



Tgt Ion:180 Resp: 7862
Ion Ratio Lower Upper
180 100
182 93.5 77.4 116.0
145 30.1 24.7 37.1

