

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020387.D
 Acq On : 23 Feb 2021 18:05
 Operator : SY/MD
 Sample : M1344-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Manual Integrations
 APPROVED

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 2/24/2021 1:27:21 PM

Quant Time: Feb 24 03:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	290937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	278277	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	137434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89022	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.568	69	74386	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.111	63	127705	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.895	46	166485	49.25	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.355	84	167026	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.037	65	83821	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.056	84	336257	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.075	67	99213	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.320	98	310060	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloroprop...	7.628	79	34288	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.095	63	117356	45.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.98%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	63550	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	11.632	152	123866	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	8634	0.24	ug/L	96
3) Chloromethane	1.243	50	7703	0.25	ug/L	96
5) Vinyl chloride	1.310	62	8131	0.25	ug/L #	76
6) Bromomethane	1.523	94	5127	0.24	ug/L	99
8) Chloroethane	1.587	64	4627	0.24	ug/L	91
9) Trichlorofluoromethane	1.754	101	11446	0.24	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7098	0.28	ug/L	91
12) 1,1-Dichloroethene	2.117	96	6827	0.28	ug/L #	1
13) Acetone	2.185	43	8150	2.71	ug/L	90
14) Carbon disulfide	2.297	76	17673	0.25	ug/L	97
15) Methyl Acetate	2.452	43	1670	0.23	ug/L	93
16) Methylene chloride	2.513	84	8481	0.30	ug/L	87
17) Methyl tert-butyl Ether	2.770	73	10977	0.23	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	5707	0.23	ug/L	94
19) 1,1-Dichloroethane	3.195	63	9997	0.23	ug/L	96
21) 2-Butanone	4.005	43	7444	1.68	ug/L	78
22) cis-1,2-Dichloroethene	3.918	96	6131	0.24	ug/L	97
23) Bromochloromethane	4.262	128	2597	0.22	ug/L	93
25) Chloroform	4.384	83	16366	0.35	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	5408	0.21	ug/L #	78
29) 1,1,1-Trichloroethane	4.616	97	9197	0.23	ug/L	97
30) Cyclohexane	4.683	56	8337	0.23	ug/L	98
31) Carbon tetrachloride	4.834	117	7839	0.23	ug/L	99
33) Benzene	5.111	78	25336	0.26	ug/L	100
34) Trichloroethene	5.924	95	7007	0.26	ug/L	91
35) Methylcyclohexane	6.133	83	9670	0.24	ug/L	95
37) 1,2-Dichloropropane	6.185	63	5706	0.25	ug/L #	96
38) Bromodichloromethane	6.522	83	6792	0.23	ug/L	95
39) cis-1,3-Dichloropropene	7.040	75	7357	0.23	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	22080	2.02	ug/L #	84
42) Toluene	7.397	91	25072	0.24	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	6934	0.27	ug/L	88
45) 1,1,2-Trichloroethane	7.847	97	3926	0.24	ug/L	96
47) Tetrachloroethene	7.982	164	5389	0.23	ug/L	88
48) 2-Hexanone	8.149	43	29695	3.85	ug/L	95
49) Dibromochloromethane	8.252	129	4054	0.21	ug/L	98
50) 1,2-Dibromoethane	8.368	107	3512	0.23	ug/L #	96
51) Chlorobenzene	8.889	112	16173	0.23	ug/L	95
52) Ethylbenzene	9.021	91	26761	0.23	ug/L	99
53) m,p-xylene	9.146	106	10016	0.22	ug/L	94
54) o-xylene	9.551	106	9221	0.22	ug/L	93
55) Styrene	9.574	104	13940	0.20	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.249	83	4015	0.23	ug/L	94
59) Bromoform	9.741	173	2076	0.23	ug/L #	87
60) Isopropylbenzene	9.940	105	23396	0.22	ug/L	96
61) 1,2,3-Trichloropropane	10.281	75	3342	0.27	ug/L	99
62) 1,3,5-Trimethylbenzene	10.548	105	17879	0.21	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	17943	0.21	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	13181	0.25	ug/L	97
65) 1,4-Dichlorobenzene	11.281	146	13860	0.26	ug/L	95
67) 1,2-Dichlorobenzene	11.654	146	12522	0.26	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.435	75	259	0.12	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.654	180	10646	0.25	ug/L	94
70) 1,2,4-trichlorobenzene	13.275	180	8238	0.24	ug/L	98
71) Naphthalene	13.516	128	8847	0.19	ug/L	99
72) 1,2,3-Trichlorobenzene	13.757	180	7318	0.24	ug/L	93

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

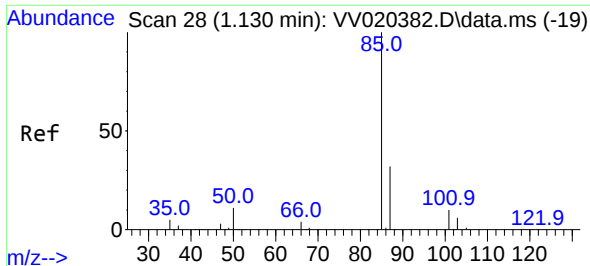
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Abundance

TIC: VV020387.D\data.ms

Time-->

Chloroethane-d3,S
Vinyl chloride
Chloroethane-d5,S
Bromochloromethane,T
Trichlorofluoromethane,T
1,1,2-Trichloro-1,2,2-difluoroethane,T
1,1-Dichloroethane,T
Acetone,T
Carbon disulfide,T
Methylchloride,T
Methylchloride,T
cis-1,2-Dichloroethane,T
2-Butanone,T
Bromochloromethane,T
1,1,2-Trichloroethane,T
Carbon tetrachloride,T
1,2-Dichloroethane,T
Benzene-d6,S
1,4-Difluorobenzene,I
1,2-Dichloropropane-d6,S
Trichloroethene,T
1,2-Dichloropropane,T
Bromodichloromethane,T
cis-1,3-Dichloropropene,T
4-Methyl-2-pentanone,T
Toluene-d8,S
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Tetrachloroethene,T
Dibromochloromethane,T
1,2-Dibromodifluoromethane,I
Chlorobenzene-d5,I
Ethylbenzene,I
m,p-xylene,I
Styrene,T
Bromotoluene,T
Isopropylbenzene,T
1,1,1,2-Tetrachloroethane,T
1,3,5-Trichlorobenzene,T
1,3,5-Trichlorobenzene,T
1,2,4-Trimethylbenzene,T
1,2,4-Trimethylbenzene,T
1,3-Dichlorobenzene,T
1,2-Dichlorobenzene,T
1,2-Dichlorobenzene-d4,S
1,2-Dibromo-3-chloropropane,T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene,T
Naphthalene
1,2,3-Trichlorobenzene,T



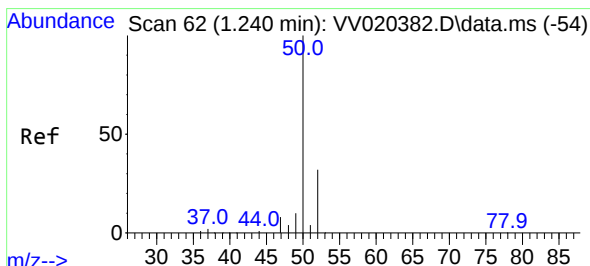
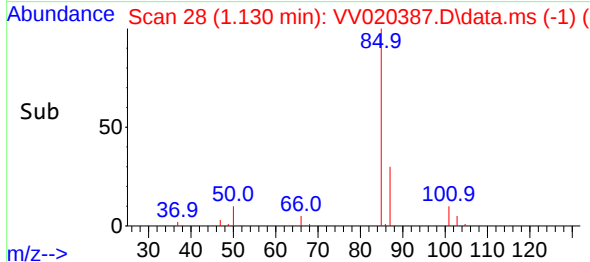
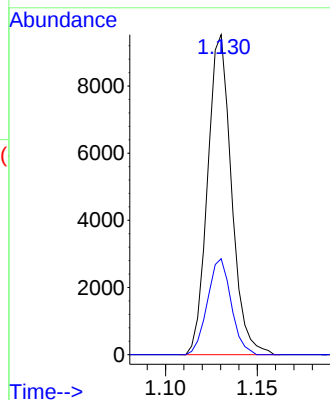
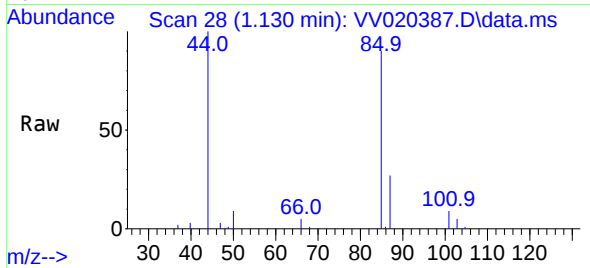
#2
Dichlorodifluoromethane
Concen: 0.24 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 85 Resp: 8634
Ion Ratio Lower Upper
85 100
87 29.8 25.7 38.5

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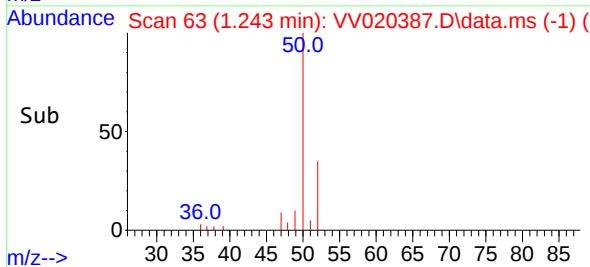
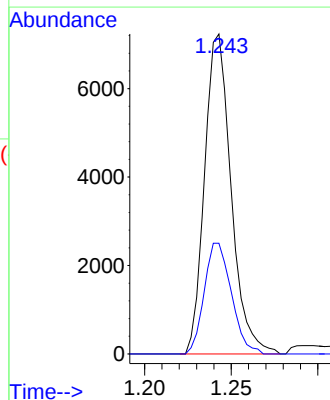
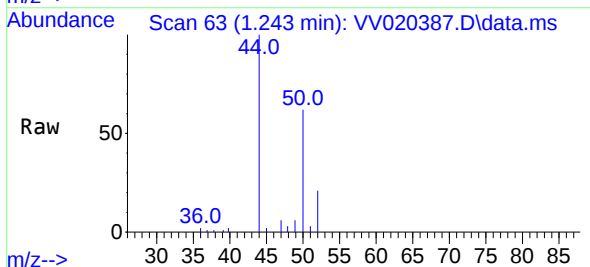
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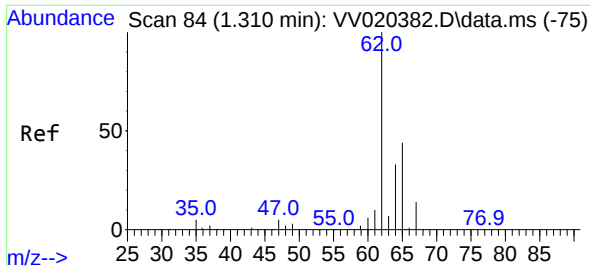
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#3
Chloromethane
Concen: 0.25 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 50 Resp: 7703
Ion Ratio Lower Upper
50 100
52 34.6 22.5 41.9





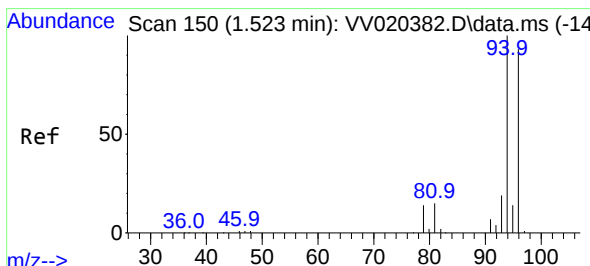
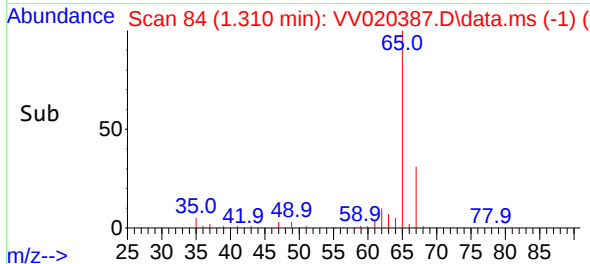
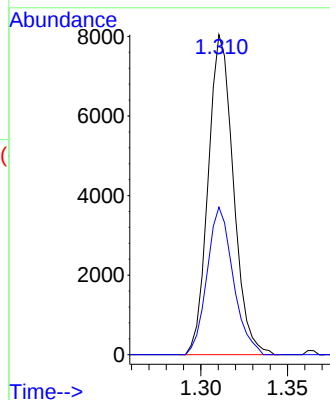
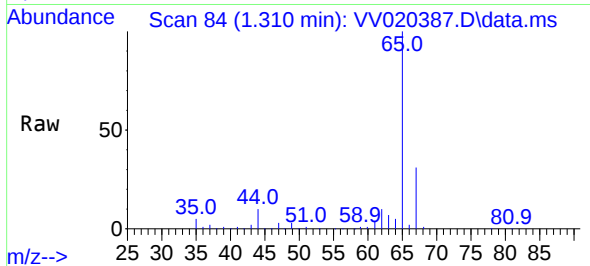
#5
 Vinyl chloride
 Concen: 0.25 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

Tgt Ion: 62 Resp: 8131
 Ion Ratio Lower Upper
 62 100
 64 46.1 22.8 42.4#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

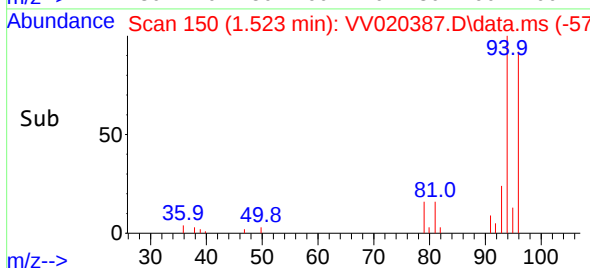
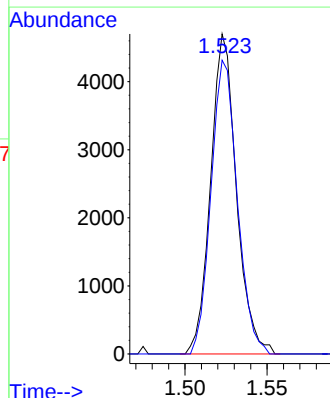
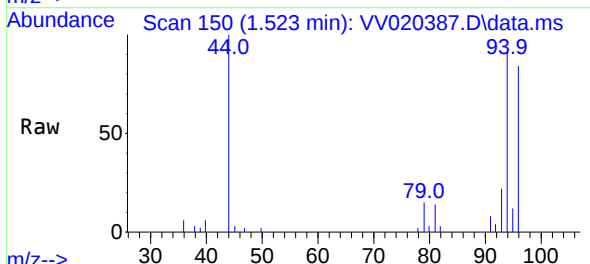
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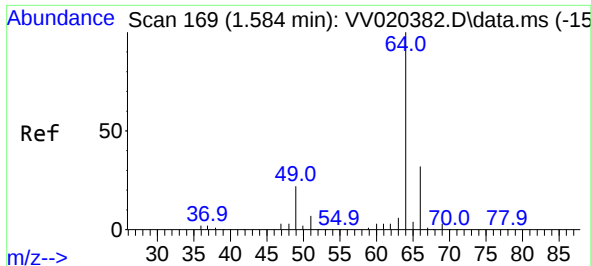
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#6
 Bromomethane
 Concen: 0.24 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020387.D
 Acq: 23 Feb 2021 18:05

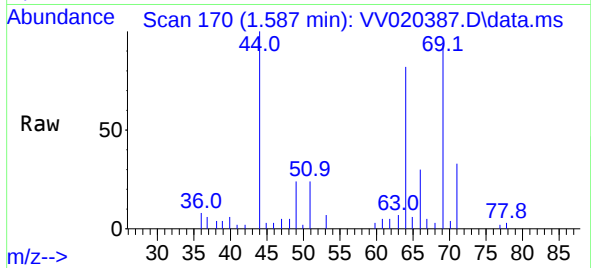
Tgt Ion: 94 Resp: 5127
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.0 120.6





#8
Chloroethane
Concen: 0.24 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

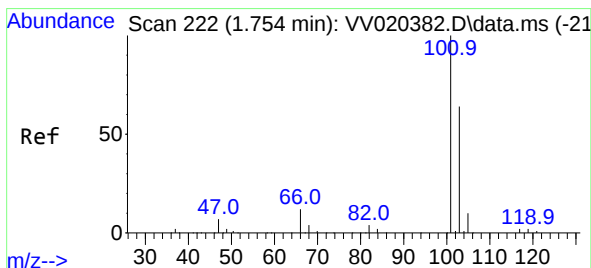
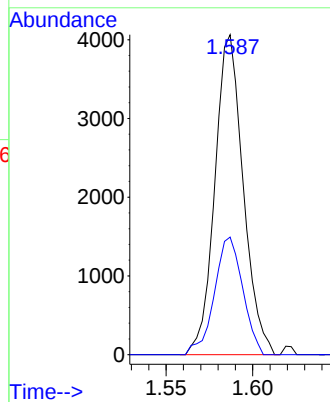
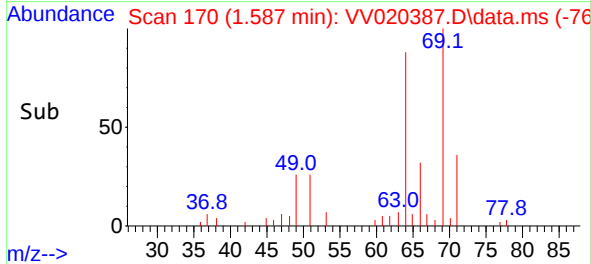
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ClientSampleId :
MDL-WATER-QT2-2021-03



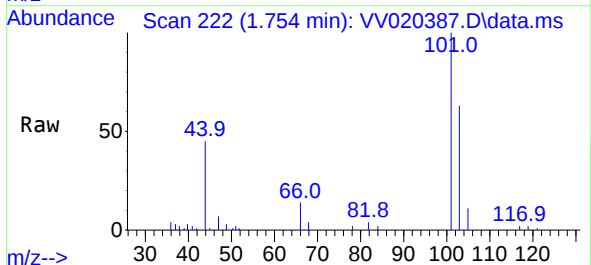
Tgt Ion: 64 Resp: 4627
Ion Ratio Lower Upper
64 100
66 36.7 22.3 41.5

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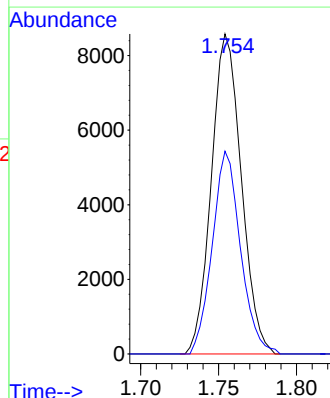
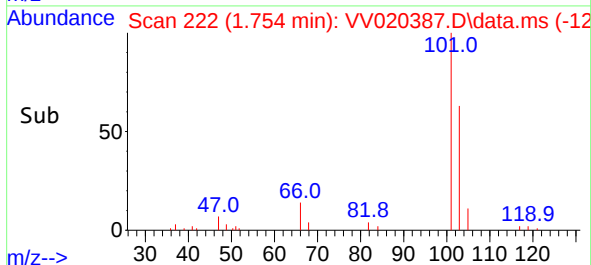
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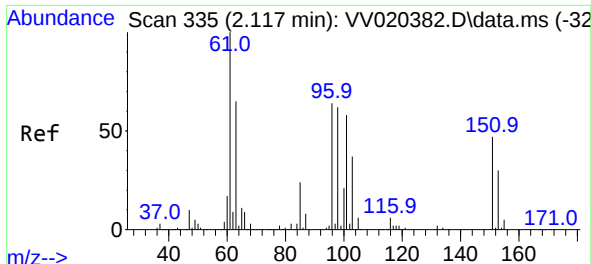


#9
Trichlorofluoromethane
Concen: 0.24 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



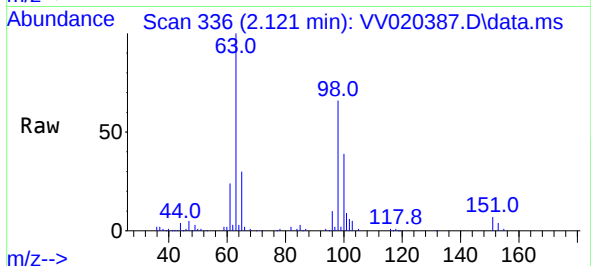
Tgt Ion: 101 Resp: 11446
Ion Ratio Lower Upper
101 100
103 59.8 51.9 77.9





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.28 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020387.D
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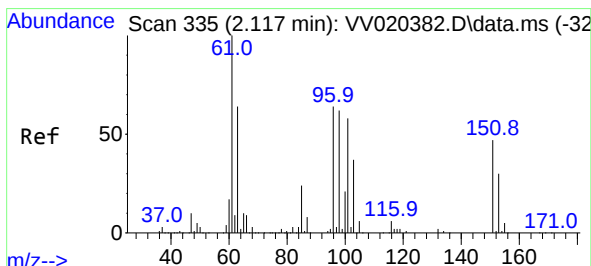
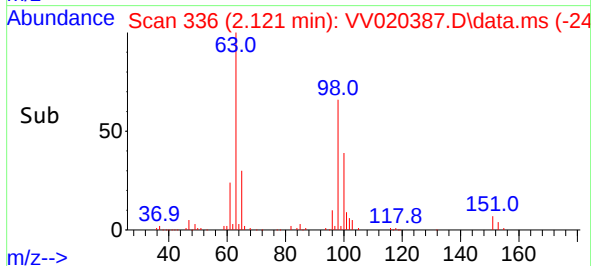
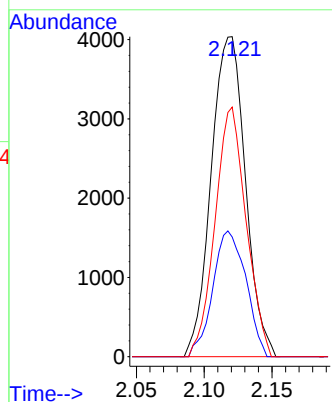
Instrument :
MSVOA_V
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MDL-WATER-QT2-2021-03



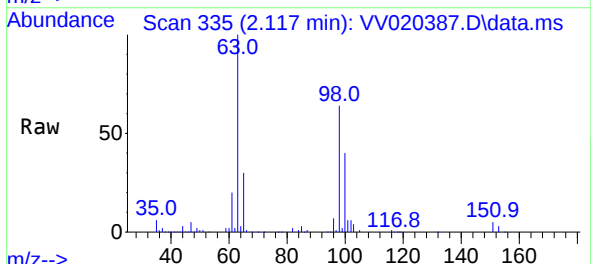
Tgt Ion:101 Resp: 7098
Ion Ratio Lower Upper
101 100
85 37.9 33.0 49.6
151 70.8 64.2 96.2

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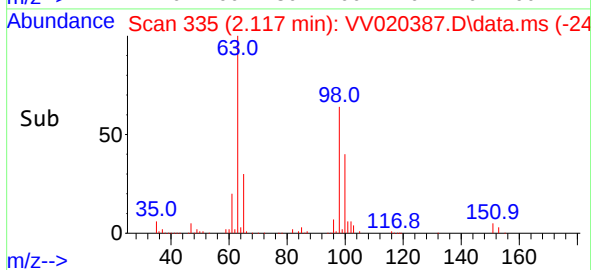
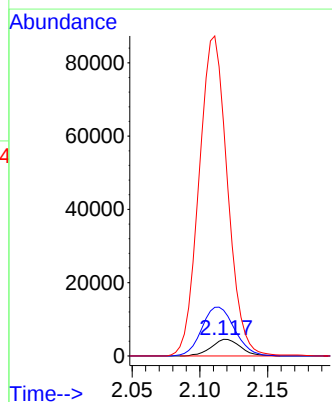
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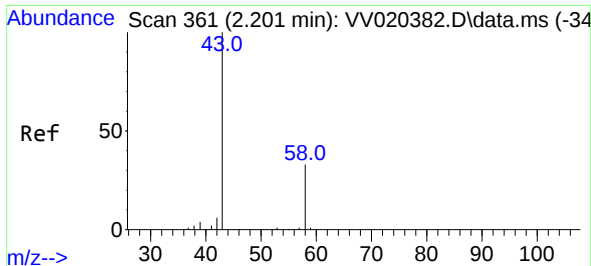


#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion: 96 Resp: 6827
Ion Ratio Lower Upper
96 100
61 276.0 109.8 204.0#
63 1401.5 71.3 132.3#





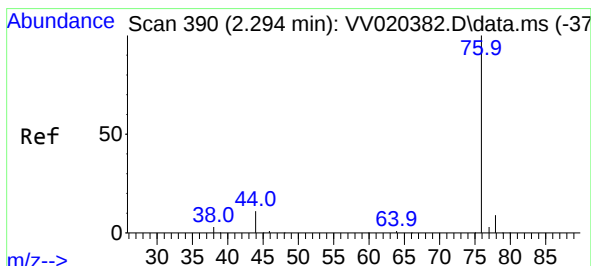
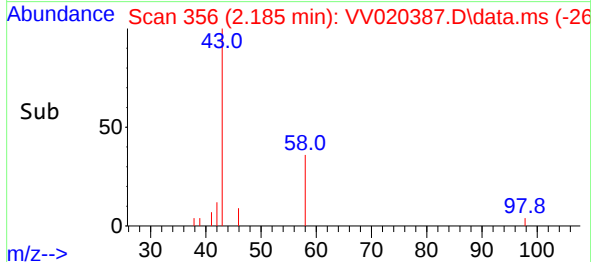
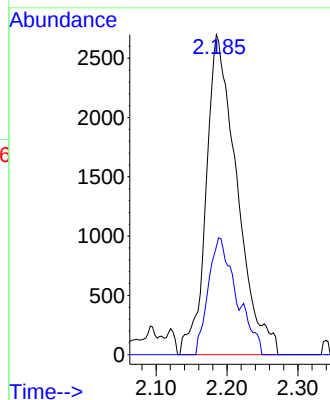
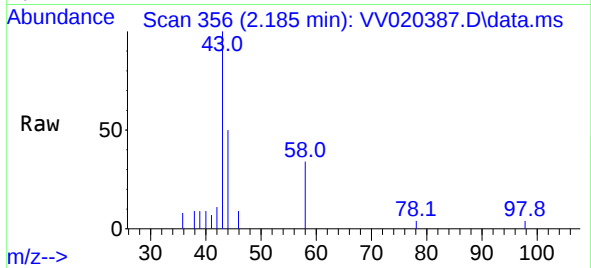
#13
Acetone
Concen: 2.71 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.016 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 43 Resp: 8150
Ion Ratio Lower Upper
43 100
58 28.0 0.0 67.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

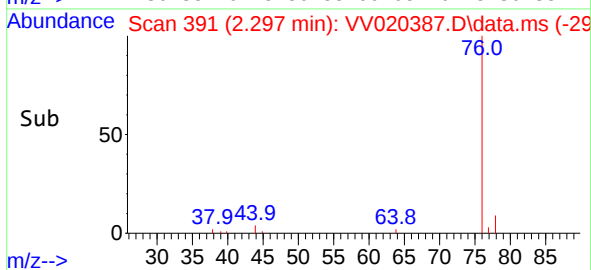
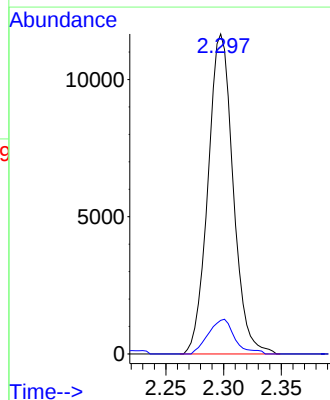
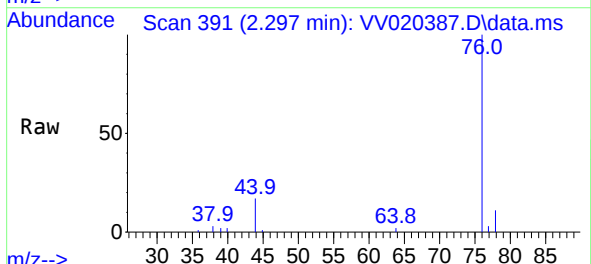
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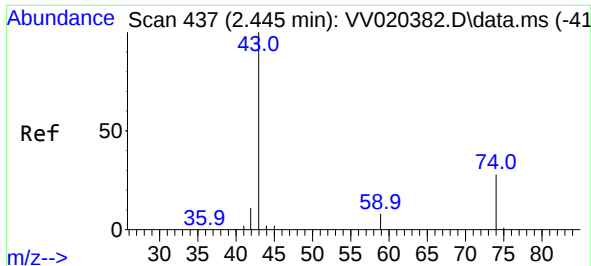
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#14
Carbon disulfide
Concen: 0.25 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

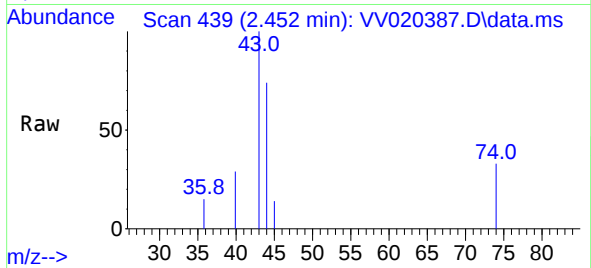
Tgt Ion: 76 Resp: 17673
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3





#15
Methyl Acetate
Concen: 0.23 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

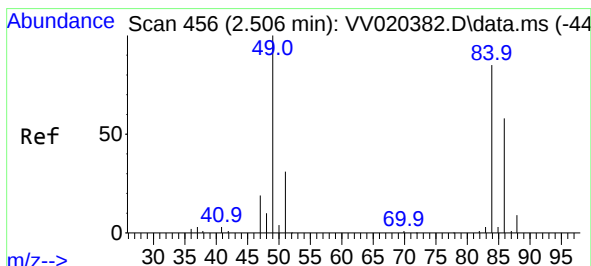
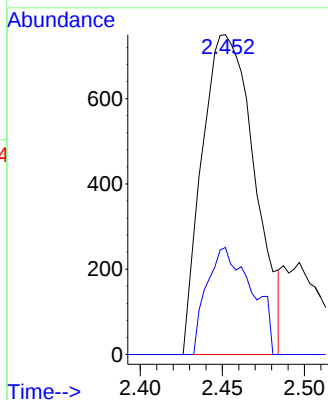
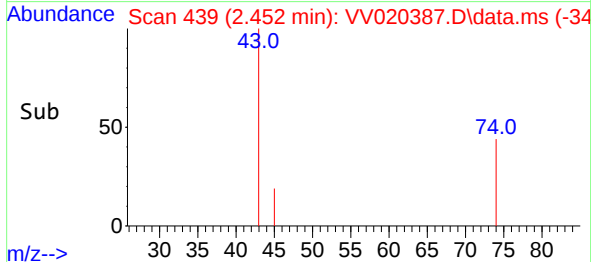
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03



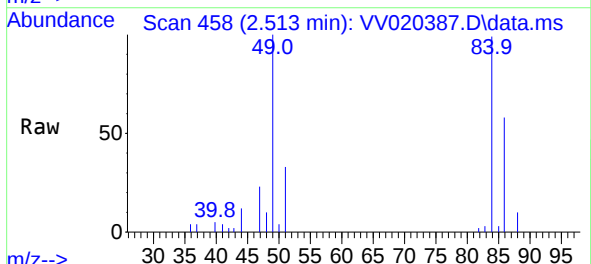
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
74 28.6 20.1 30.1

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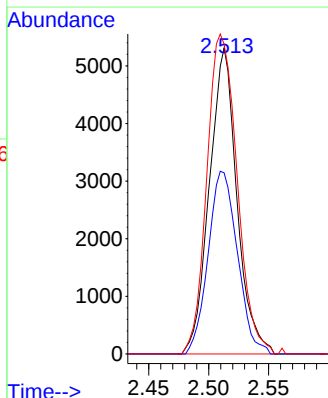
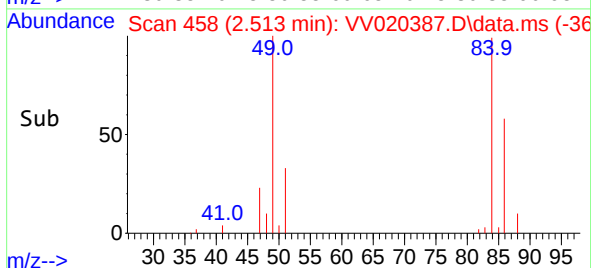
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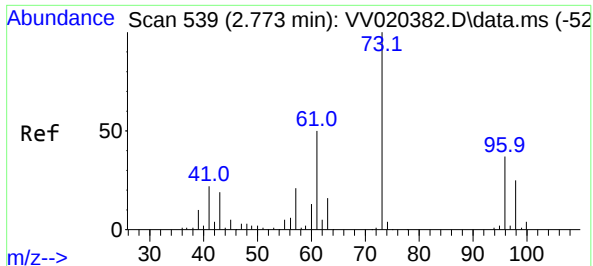


#16
Methylene chloride
Concen: 0.30 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

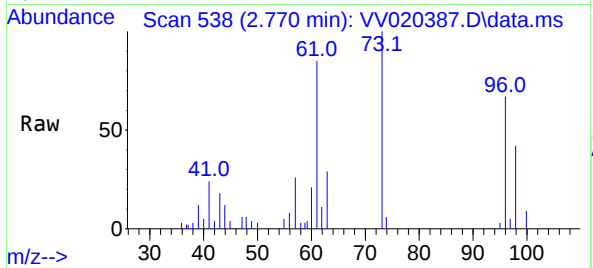


Tgt Ion: 84 Resp: 8481
Ion Ratio Lower Upper
84 100
86 59.2 47.2 87.6
49 101.2 81.9 152.1



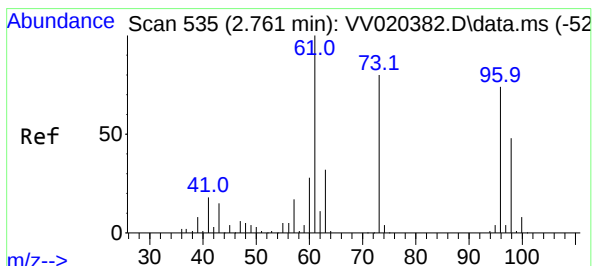
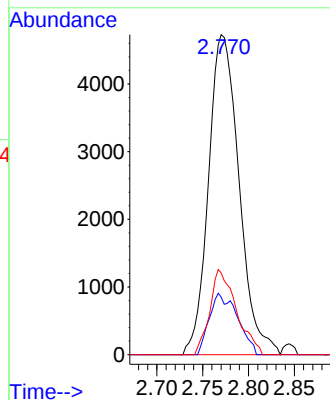
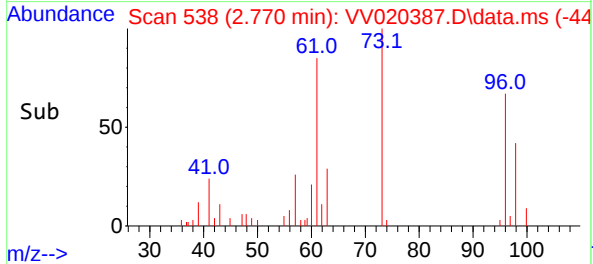


#17
Methyl tert-butyl Ether
Concen: 0.23 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

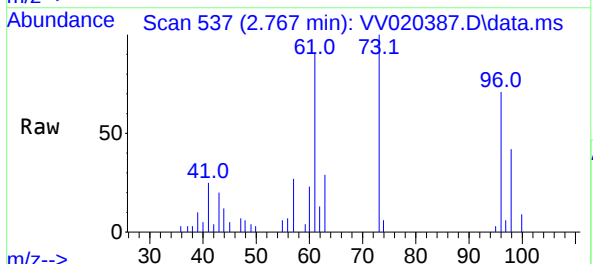


Tgt Ion: 73 Resp: 10977

Ion	Ratio	Lower	Upper
73	100		
43	17.6	15.3	22.9
57	23.0	17.0	25.6

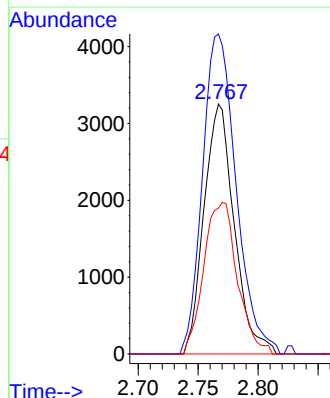
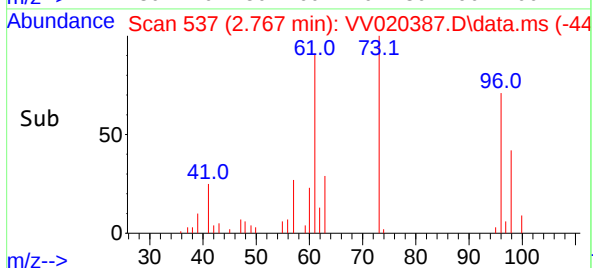


#18
trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion: 96 Resp: 5707

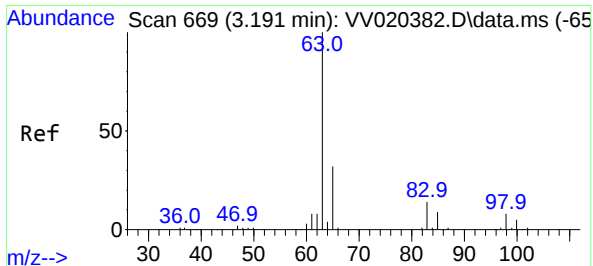
Ion	Ratio	Lower	Upper
96	100		
61	128.1	94.1	174.8
98	58.4	45.0	83.6



Instrument :
MSVOA_V
ClientSampleId :
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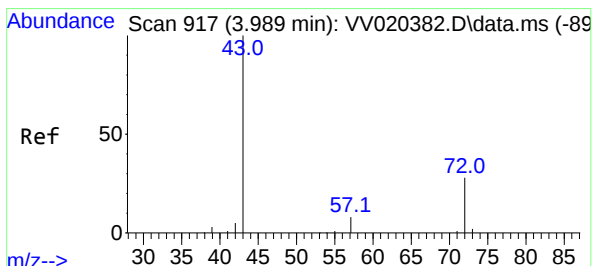
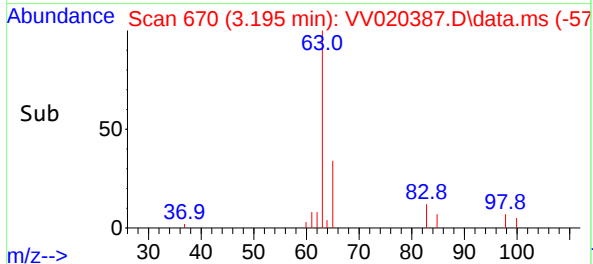
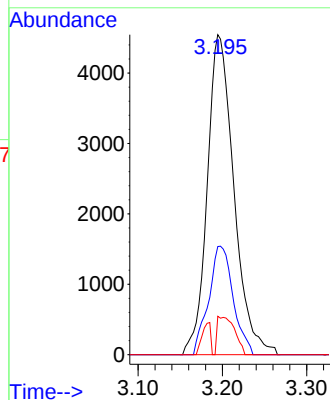
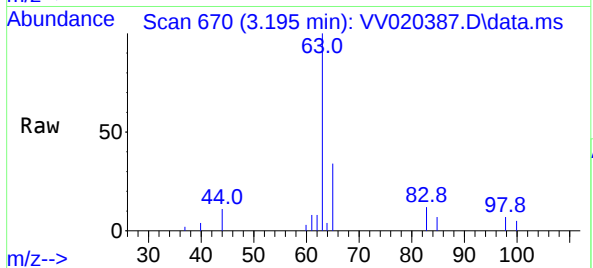
#19
1,1-Dichloroethane
Concen: 0.23 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	63	Resp:	9997
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.3	41.5
83	12.0	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :
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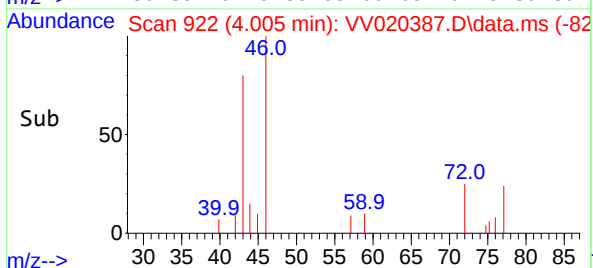
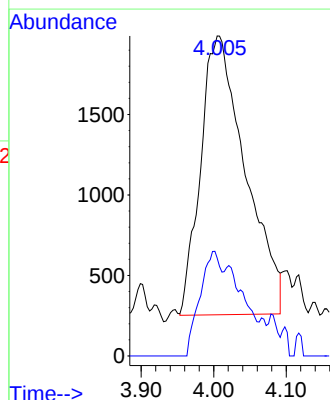
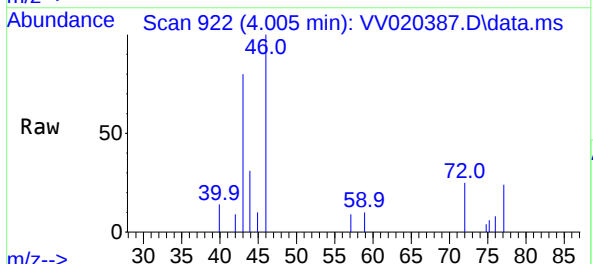
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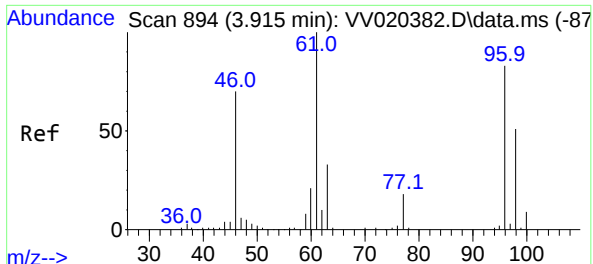
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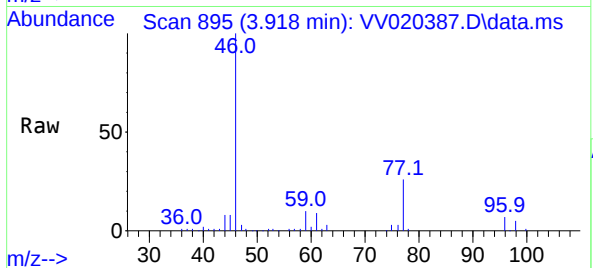
#21
2-Butanone
Concen: 1.68 ug/L
RT: 4.005 min Scan# 922
Delta R.T. 0.016 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	43	Resp:	7444
Ion	Ratio	Lower	Upper
43	100		
72	17.4	14.5	43.5

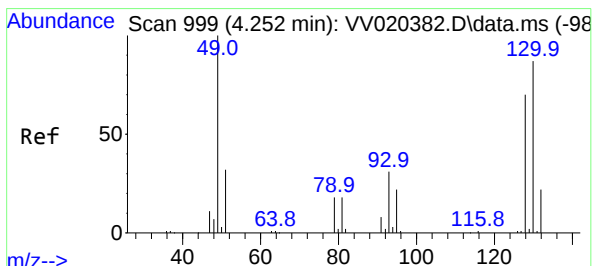
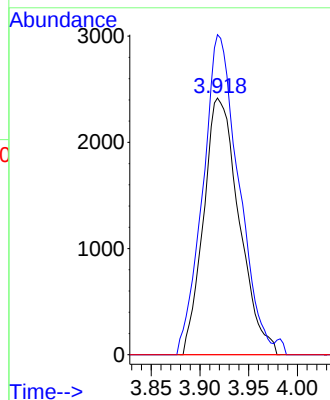
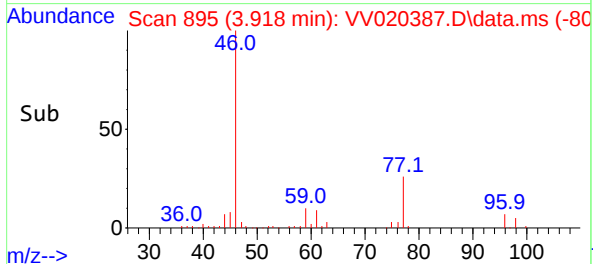




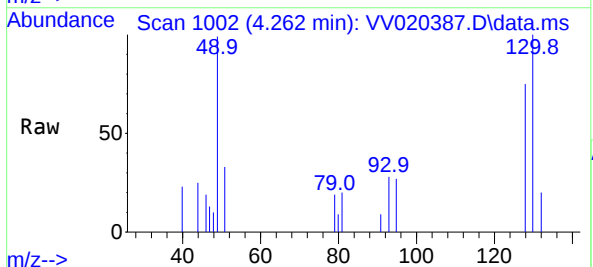
#22
cis-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



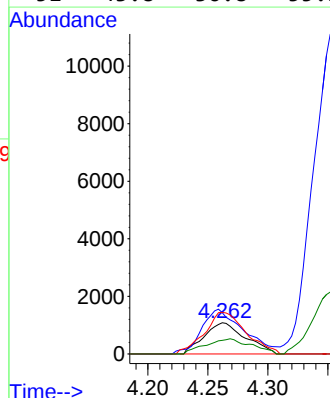
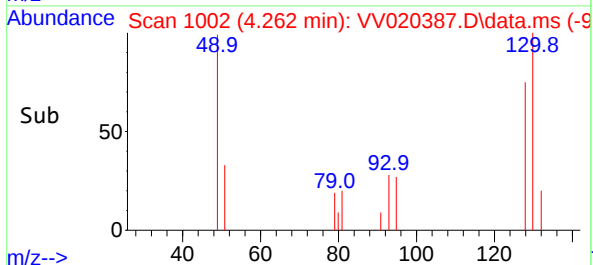
Tgt Ion: 96 Resp: 6131
Ion Ratio Lower Upper
96 100
61 124.7 84.6 157.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.22 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



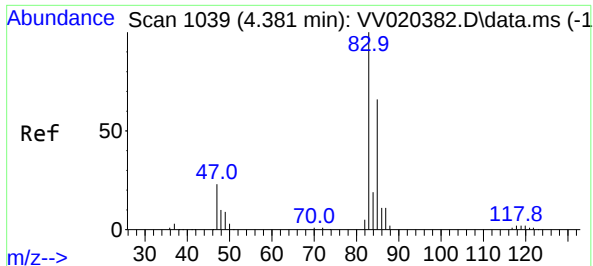
Tgt Ion: 128 Resp: 2597
Ion Ratio Lower Upper
128 100
49 132.3 100.0 185.8
130 133.6 87.4 162.2
51 43.8 36.8 55.2



Instrument :
MSVOA_V
ClientSampleId :
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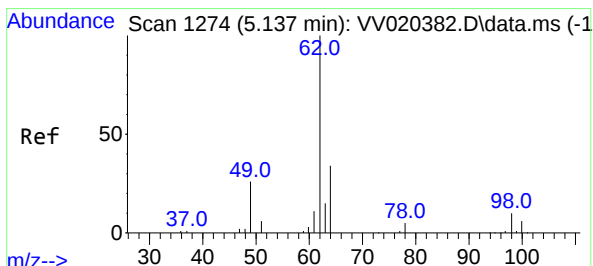
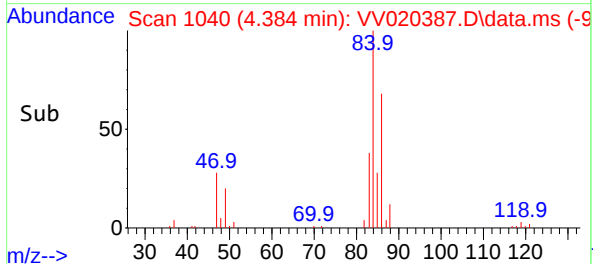
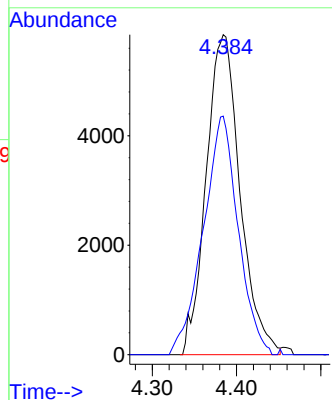
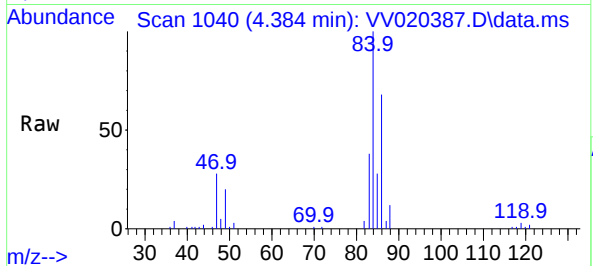
#25
Chloroform
Concen: 0.35 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 83 Resp: 16366
Ion Ratio Lower Upper
83 100
85 74.6 46.4 86.2

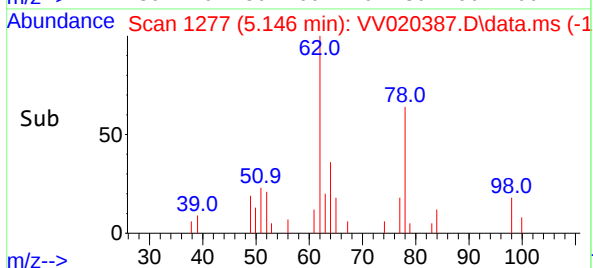
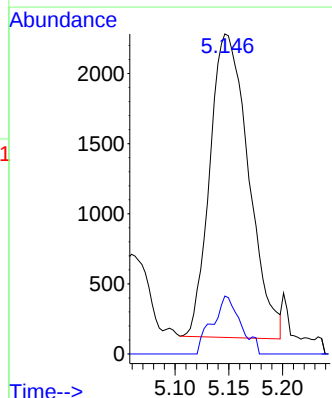
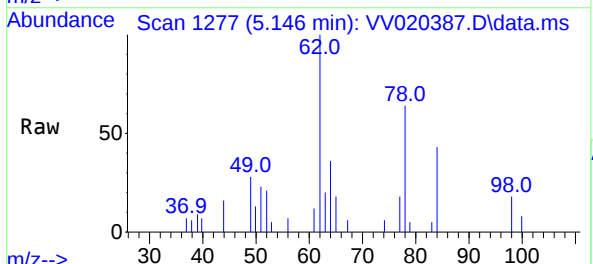
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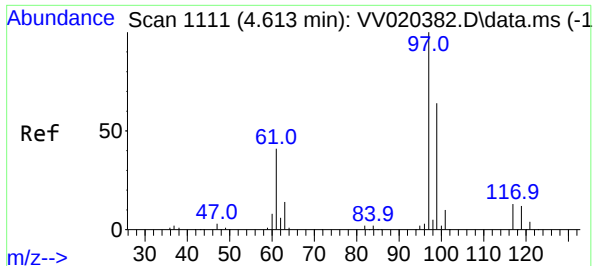
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#27
1,2-Dichloroethane
Concen: 0.21 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 62 Resp: 5408
Ion Ratio Lower Upper
62 100
98 18.1 8.0 12.0#





#29

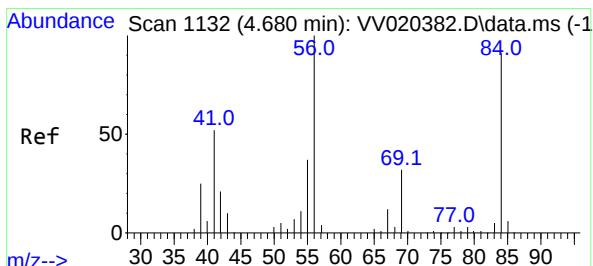
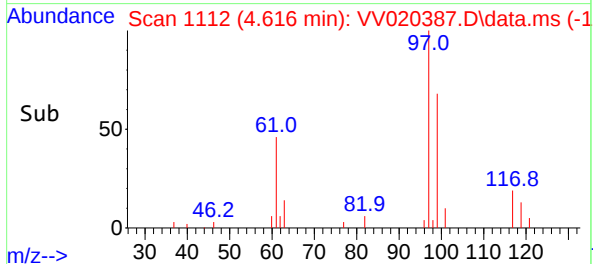
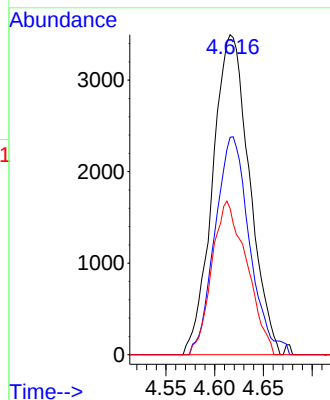
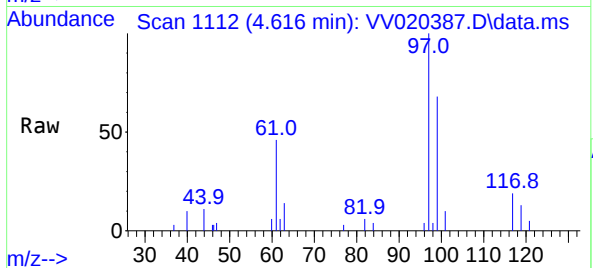
1,1,1-Trichloroethane
Concen: 0.23 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 97 Resp: 9197
Ion Ratio Lower Upper
97 100
99 64.0 50.6 75.8
61 45.6 33.2 49.8

Instrument :
MSVOA_V
ClientSampleId :
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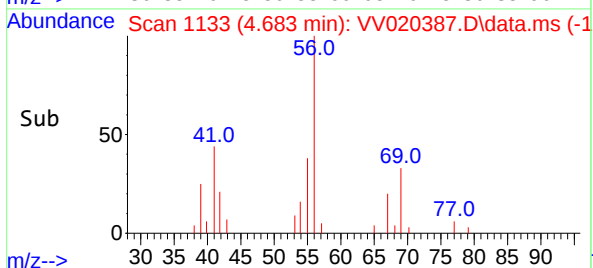
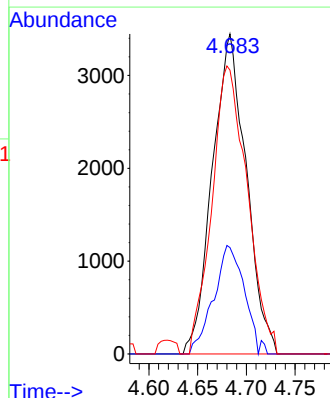
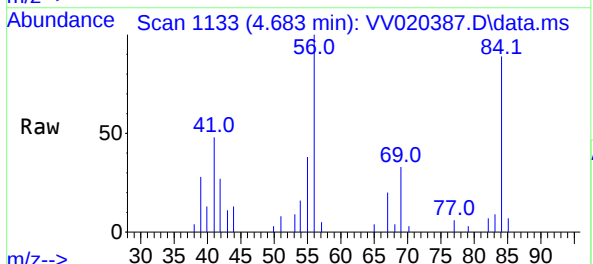
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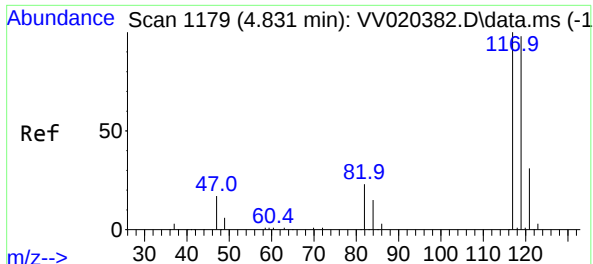


#30

Cyclohexane
Concen: 0.23 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 56 Resp: 8337
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.0
84 93.4 73.5 110.3





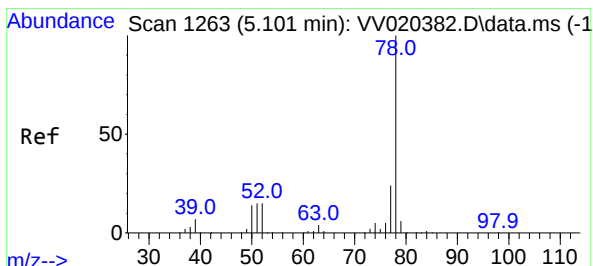
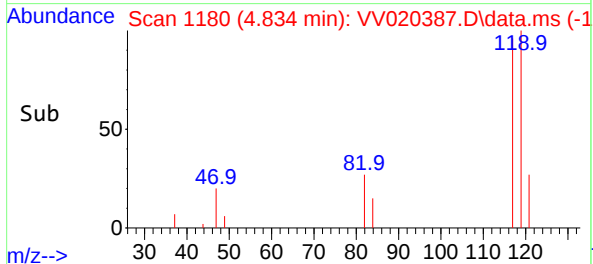
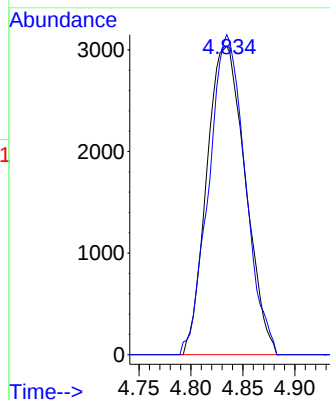
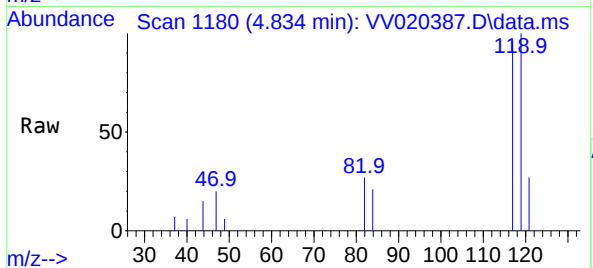
#31
Carbon tetrachloride
Concen: 0.23 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 117 Resp: 7839
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

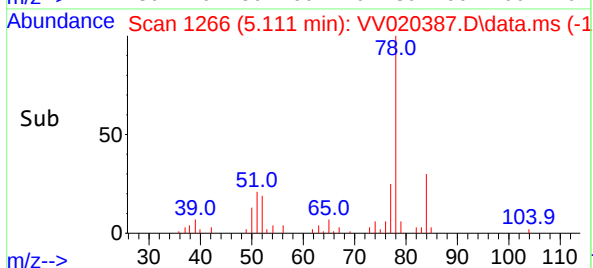
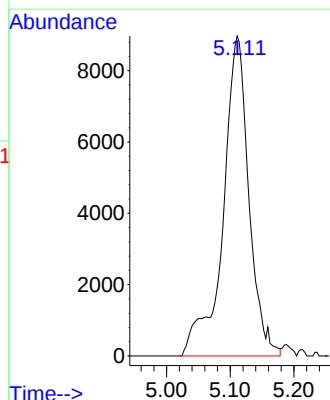
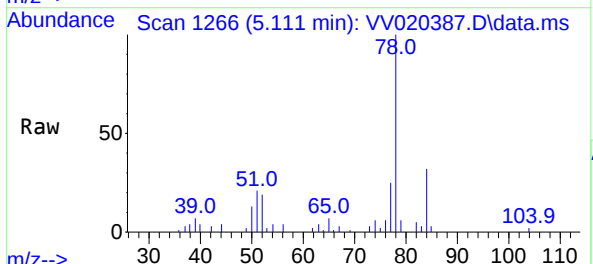
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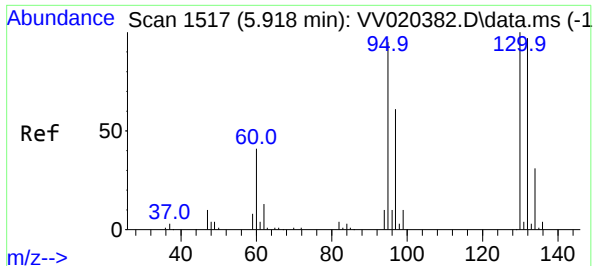
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#33
Benzene
Concen: 0.26 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 78 Resp: 25336





#34

Trichloroethene

Concen: 0.26 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VV020387.D

Acq: 23 Feb 2021 18:05

Tgt Ion: 95 Resp: 7007

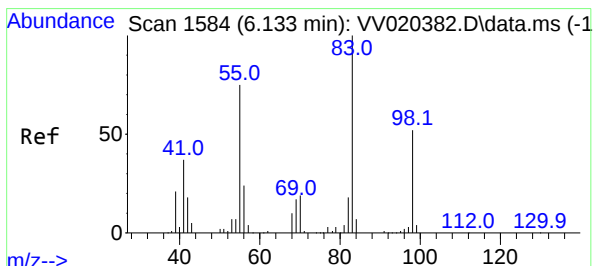
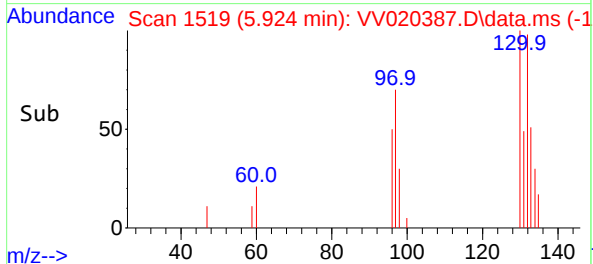
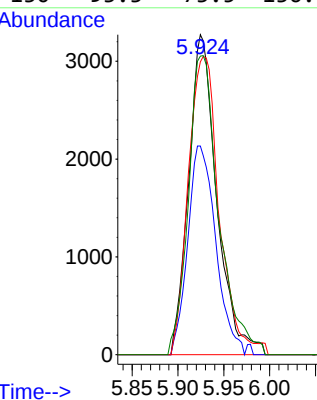
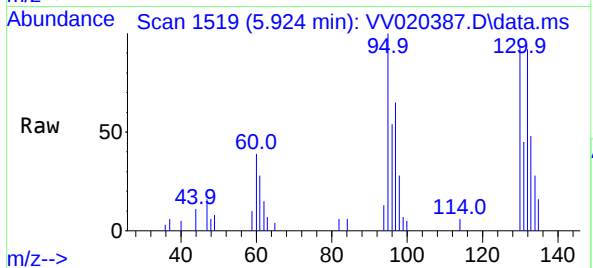
Ion Ratio Lower Upper

95 100

97 65.2 45.1 83.9

132 91.5 71.5 132.9

130 93.3 73.5 136.5



#35

Methylcyclohexane

Concen: 0.24 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV020387.D

Acq: 23 Feb 2021 18:05

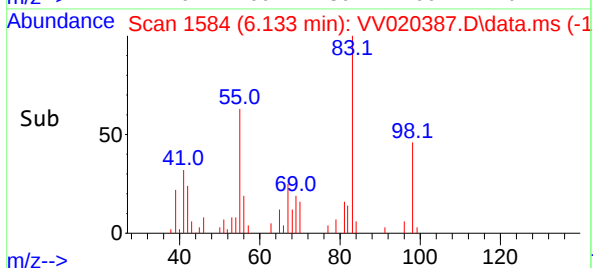
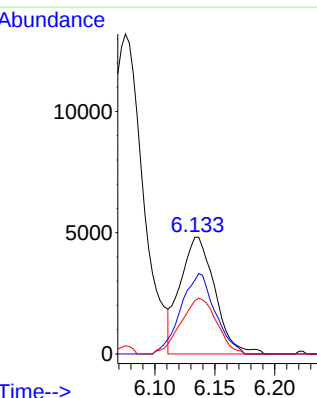
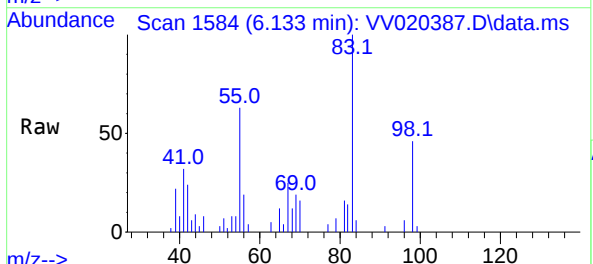
Tgt Ion: 83 Resp: 9670

Ion Ratio Lower Upper

83 100

55 68.0 59.1 88.7

98 49.1 40.1 60.1



Instrument :

MSVOA_V

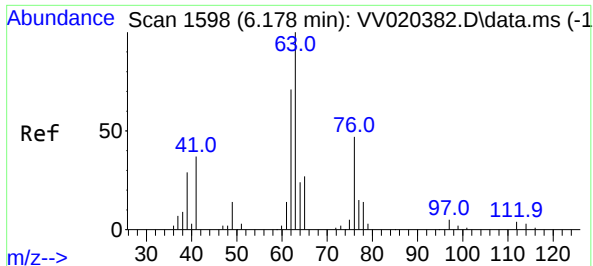
ClientSampleId :

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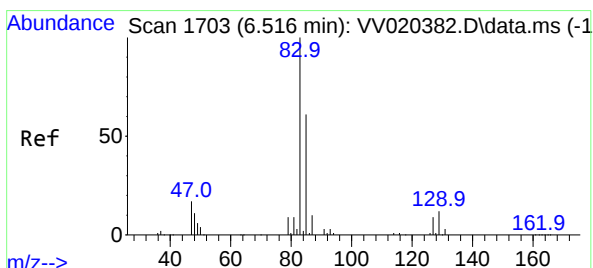
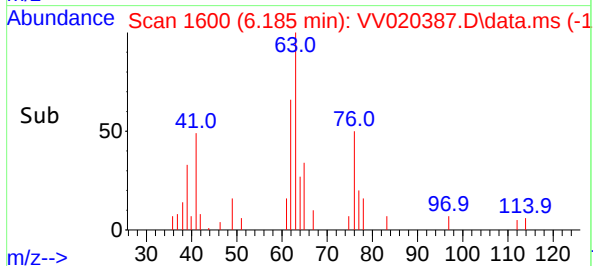
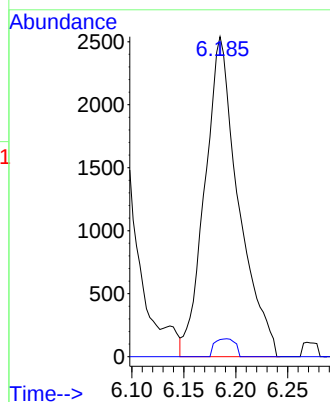
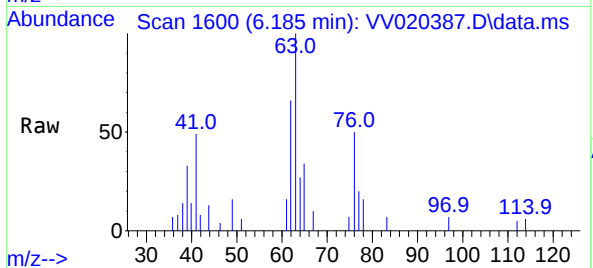
#37
1,2-Dichloropropane
Concen: 0.25 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 63 Resp: 5706
Ion Ratio Lower Upper
63 100
112 3.4 3.8 5.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

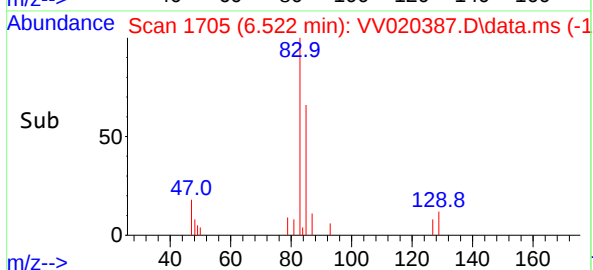
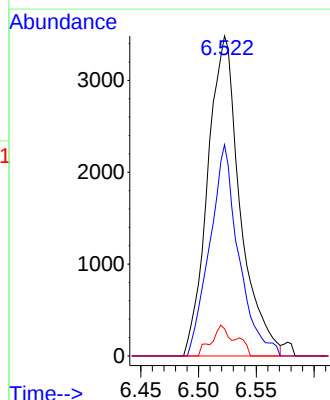
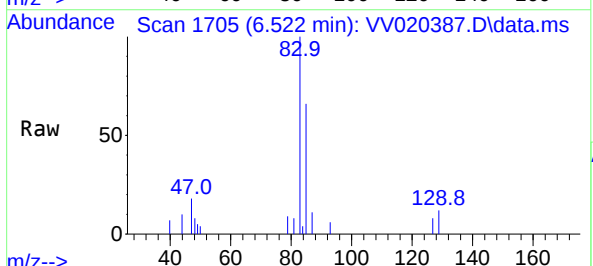
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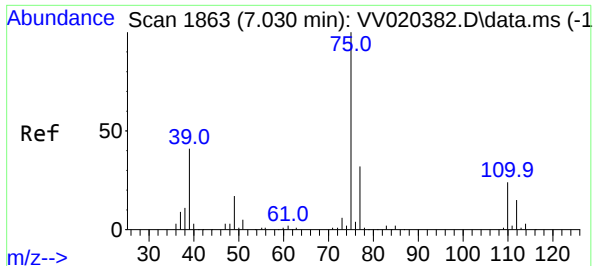
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#38
Bromodichloromethane
Concen: 0.23 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 83 Resp: 6792
Ion Ratio Lower Upper
83 100
85 66.0 43.0 79.8
127 8.5 7.0 10.6





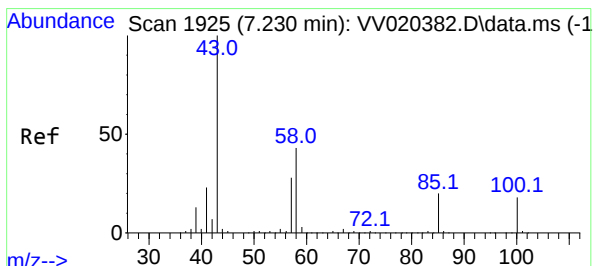
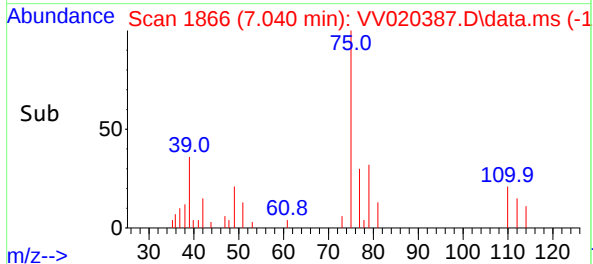
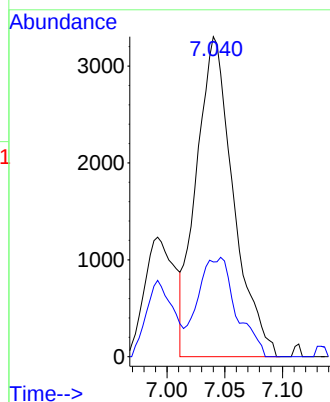
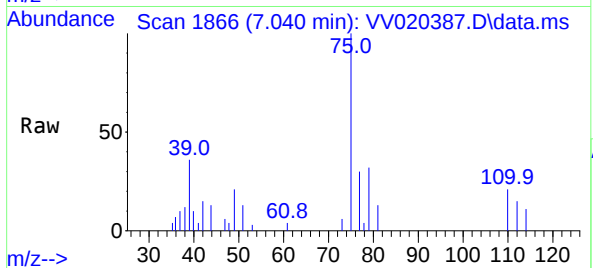
#39
cis-1,3-Dichloropropene
Concen: 0.23 ug/L
RT: 7.040 min Scan# 1866
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 75 Resp: 7357
Ion Ratio Lower Upper
75 100
77 29.6 22.5 41.9

Instrument :
MSVOA_V
ClientSampleId :
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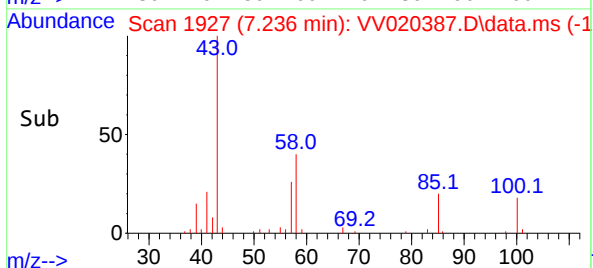
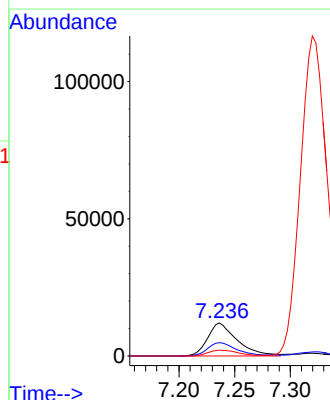
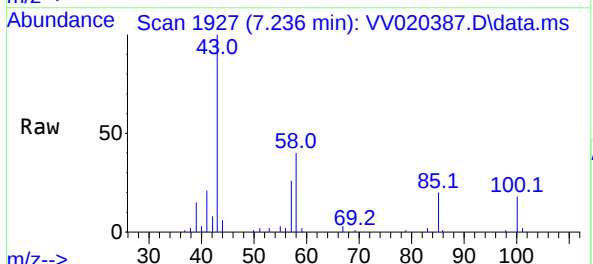
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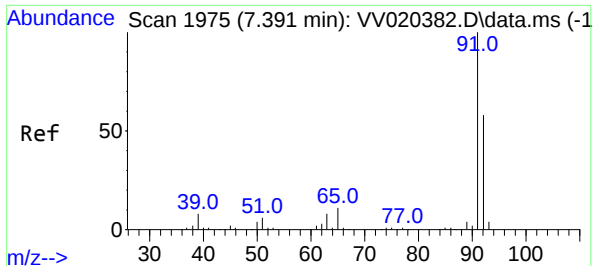
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#40
4-Methyl-2-pentanone
Concen: 2.02 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 43 Resp: 22080
Ion Ratio Lower Upper
43 100
58 39.3 34.1 51.1
100 0.0 14.6 21.8#





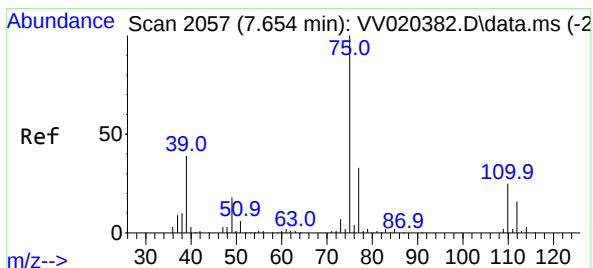
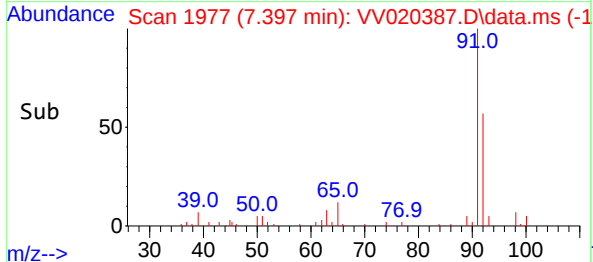
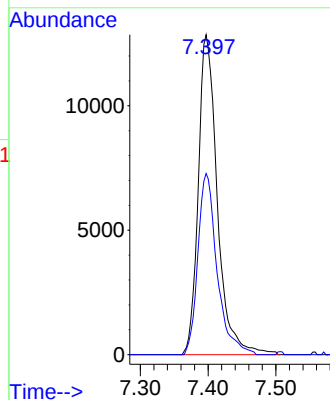
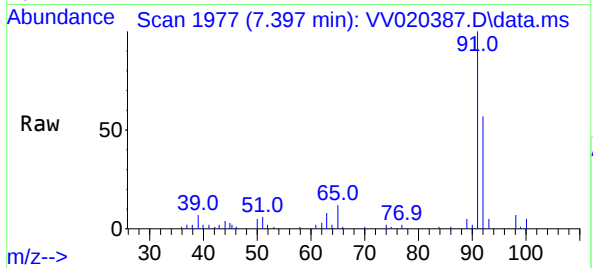
#42
Toluene
Concen: 0.24 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 91 Resp: 25072
Ion Ratio Lower Upper
91 100
92 56.6 40.5 75.1

Instrument :
MSVOA_V
ClientSampleId :
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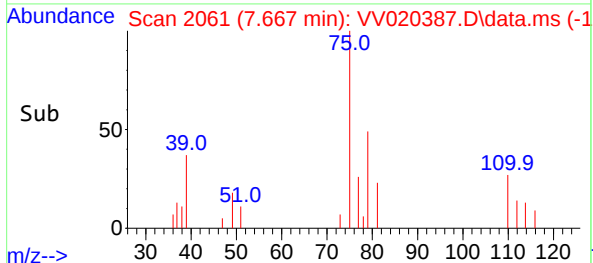
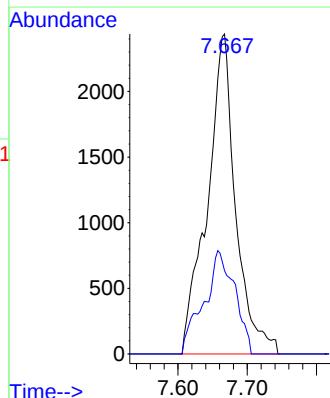
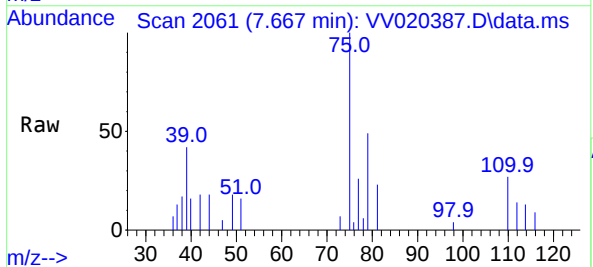
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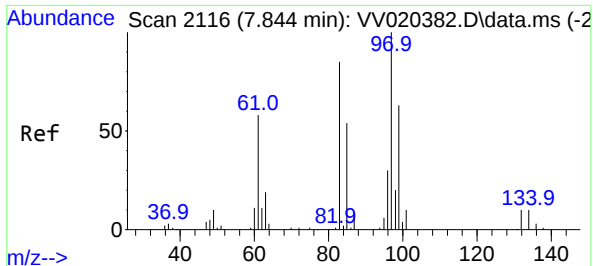
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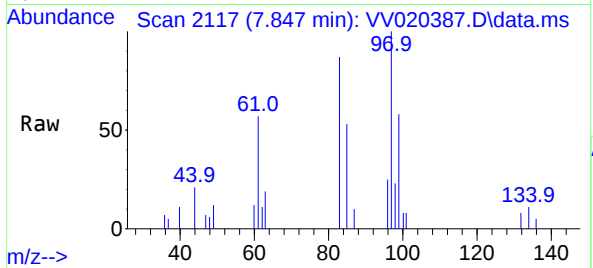
#44
trans-1,3-Dichloropropene
Concen: 0.27 ug/L
RT: 7.667 min Scan# 2061
Delta R.T. 0.013 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 75 Resp: 6934
Ion Ratio Lower Upper
75 100
77 26.0 22.9 42.5



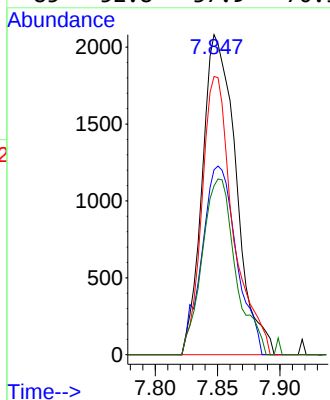


#45
1,1,2-Trichloroethane
Concen: 0.24 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion: 97 Resp: 3926

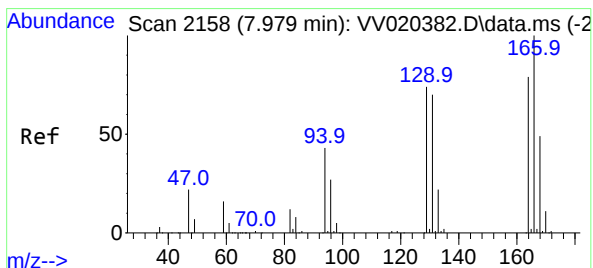
Ion	Ratio	Lower	Upper
97	100		
99	57.8	44.1	81.9
83	86.9	59.4	110.4
85	52.8	37.9	70.5



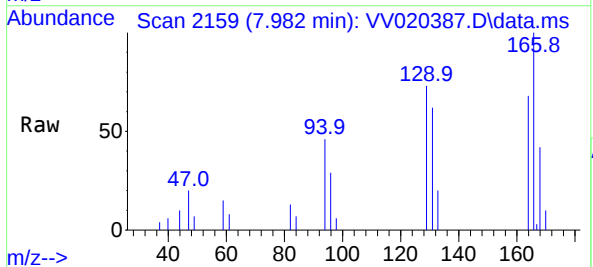
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

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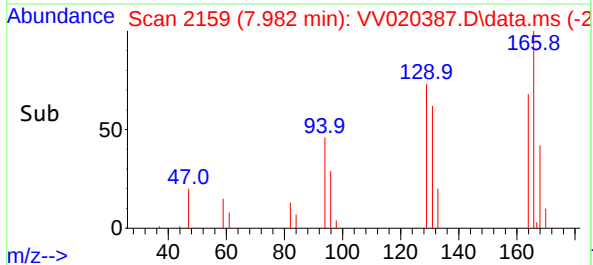
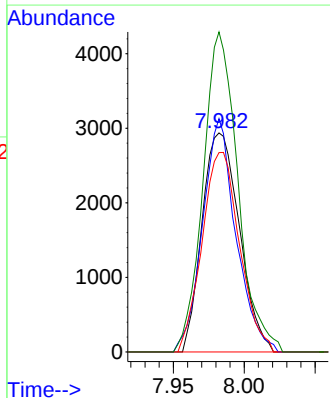


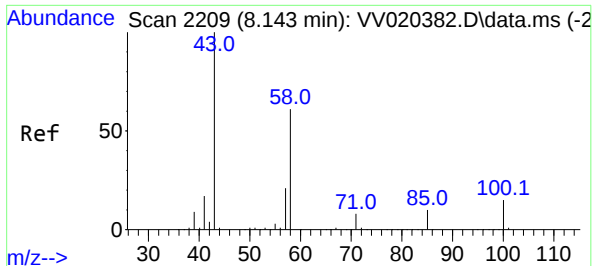
#47
Tetrachloroethene
Concen: 0.23 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion: 164 Resp: 5389

Ion	Ratio	Lower	Upper
164	100		
129	106.5	65.0	120.6
131	91.0	61.8	114.8
166	146.1	88.1	163.5





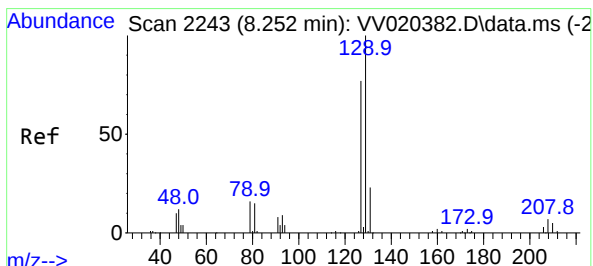
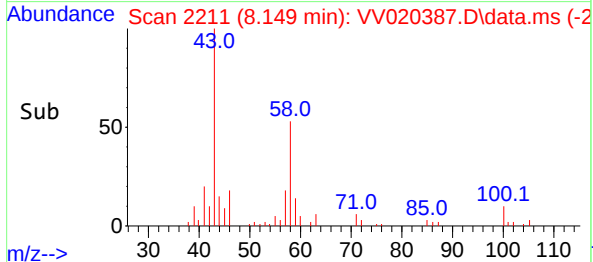
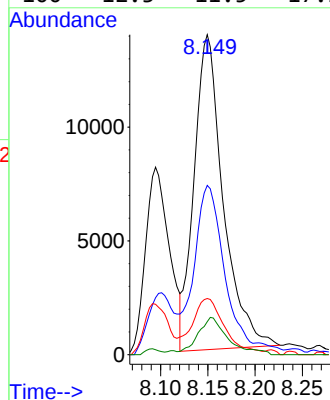
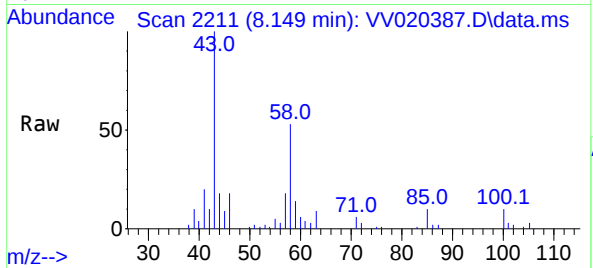
#48
2-Hexanone
Concen: 3.85 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	43	Resp:	29695
Ion	Ratio	Lower	Upper
43	100		
58	54.7	47.8	71.8
57	20.3	16.6	24.8
100	12.3	11.5	17.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

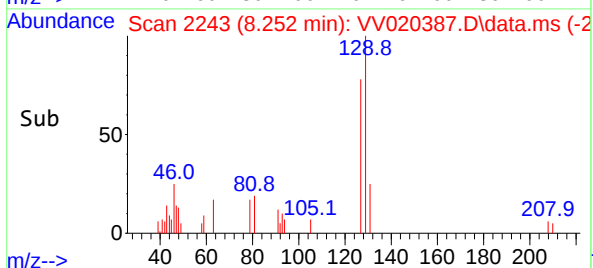
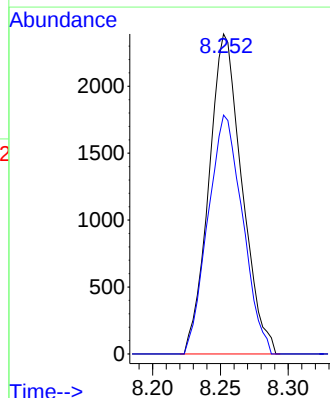
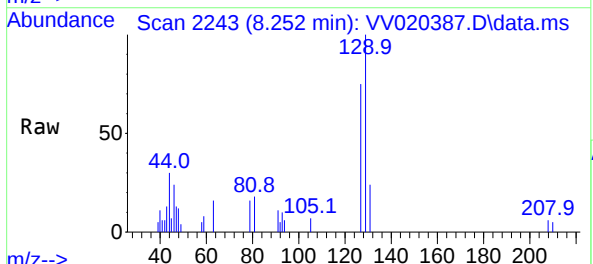
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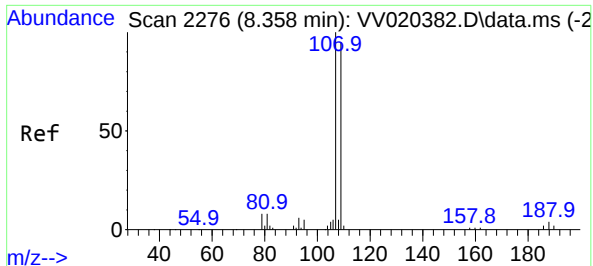
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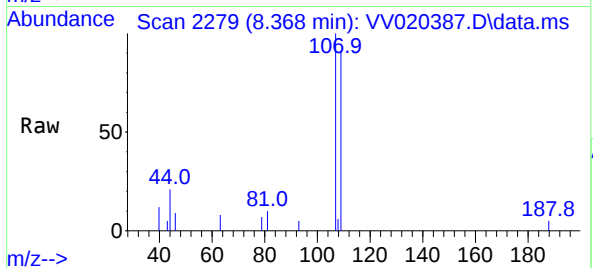
#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	129	Resp:	4054
Ion	Ratio	Lower	Upper
129	100		
127	74.7	53.6	99.6

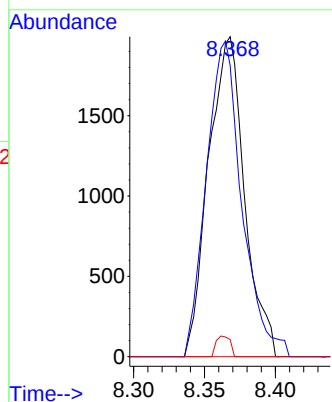




#50
1,2-Dibromoethane
Concen: 0.23 ug/L
RT: 8.368 min Scan# 2279
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



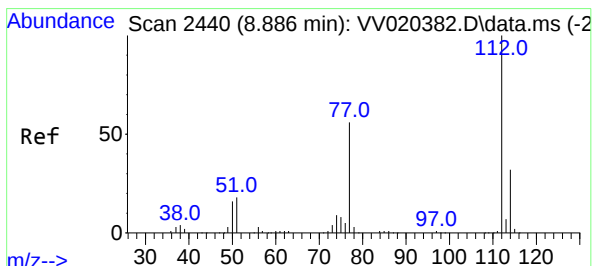
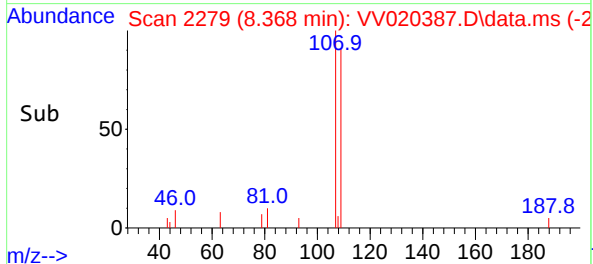
Tgt Ion:107 Resp: 3512
Ion Ratio Lower Upper
107 100
109 91.1 66.6 123.8
188 5.3 3.3 4.9#



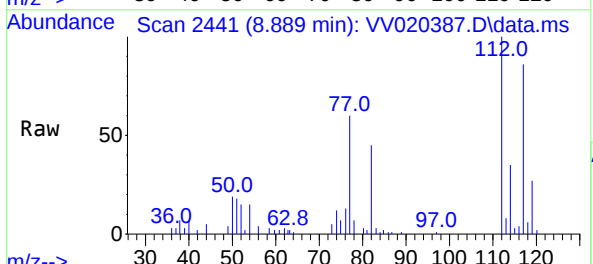
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

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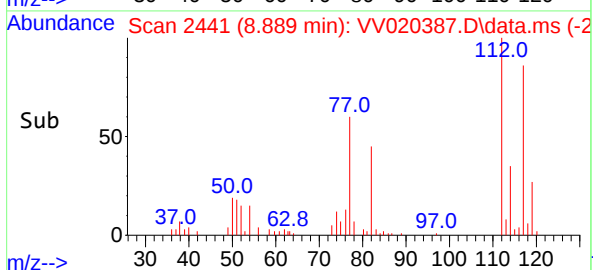
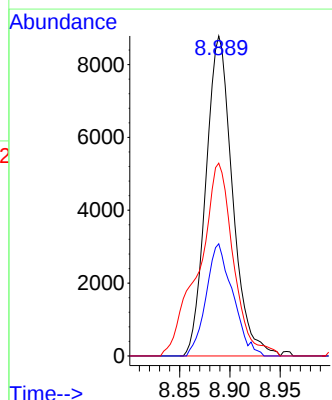
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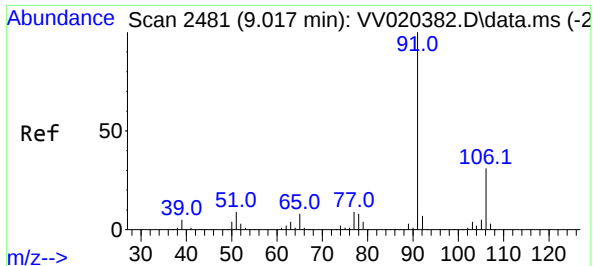


#51
Chlorobenzene
Concen: 0.23 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion:112 Resp: 16173
Ion Ratio Lower Upper
112 100
114 35.0 22.4 41.6
77 60.2 45.0 67.4





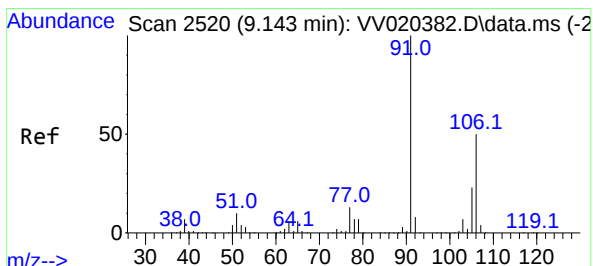
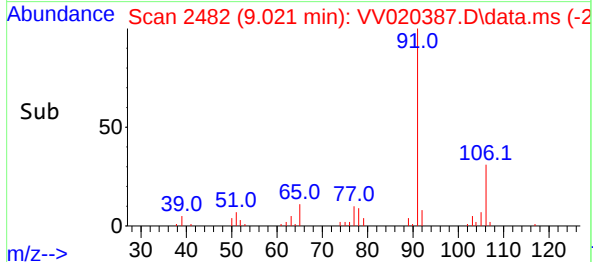
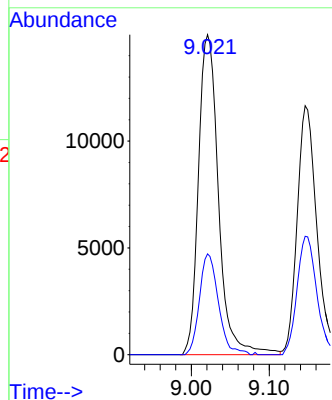
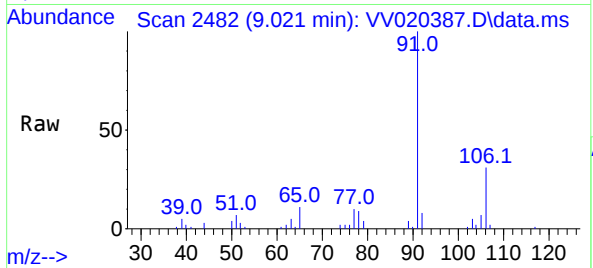
#52
Ethylbenzene
Concen: 0.23 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 91 Resp: 26761
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

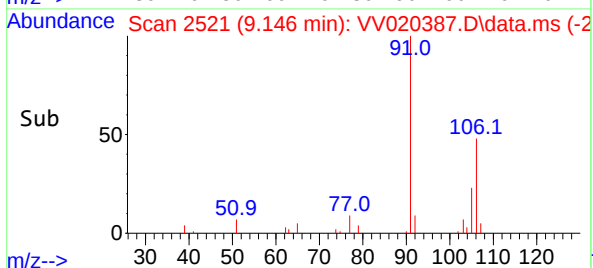
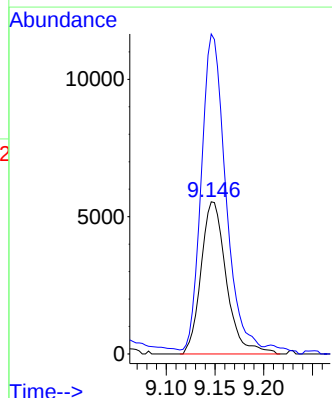
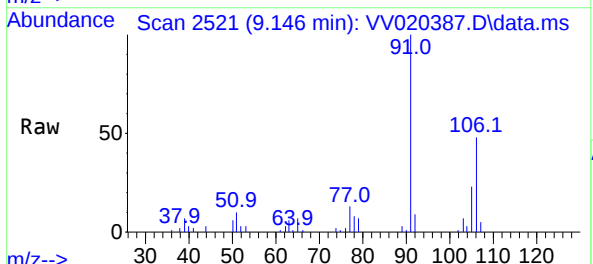
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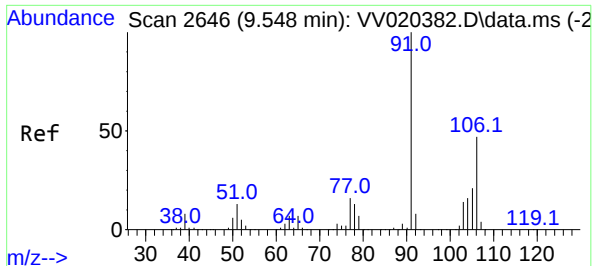
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#53
m,p-xylene
Concen: 0.22 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

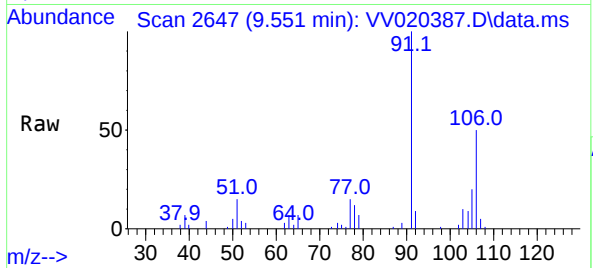
Tgt Ion: 106 Resp: 10016
Ion Ratio Lower Upper
106 100
91 210.4 141.3 262.3





#54
o-xylene
Concen: 0.22 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

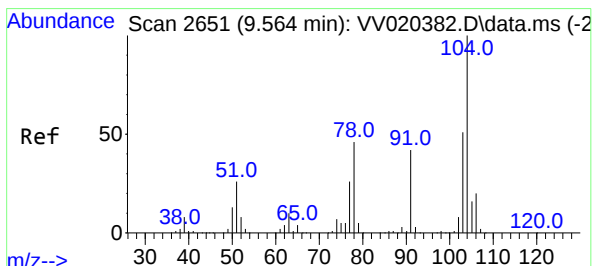
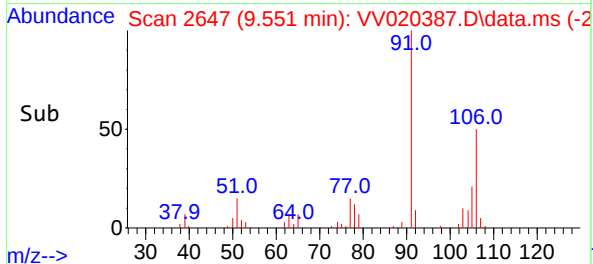
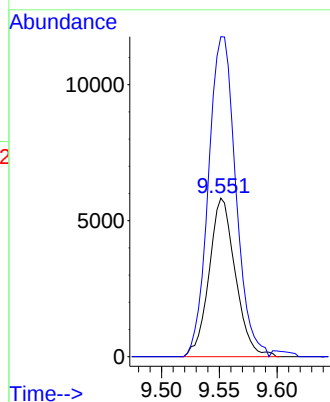
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03



Tgt Ion:106 Resp: 9221
Ion Ratio Lower Upper
106 100
91 201.9 149.5 277.7

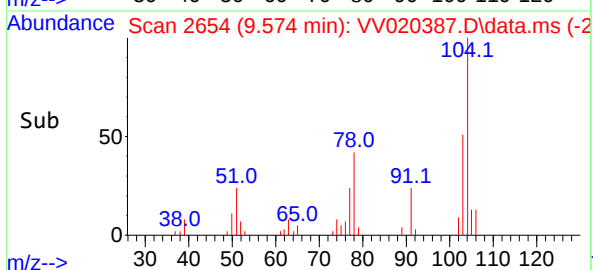
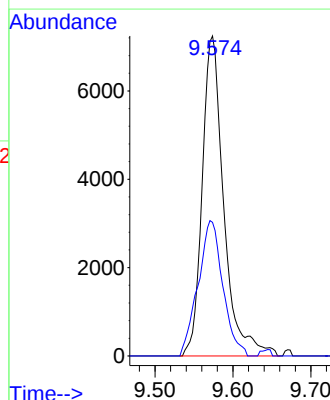
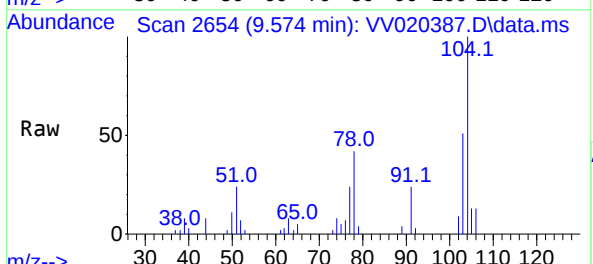
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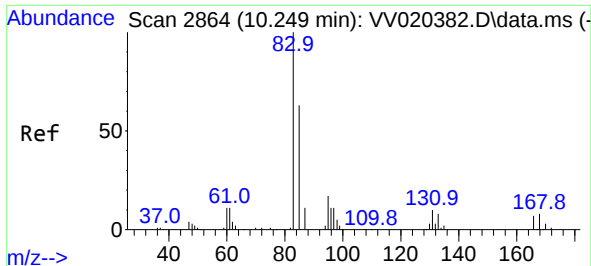
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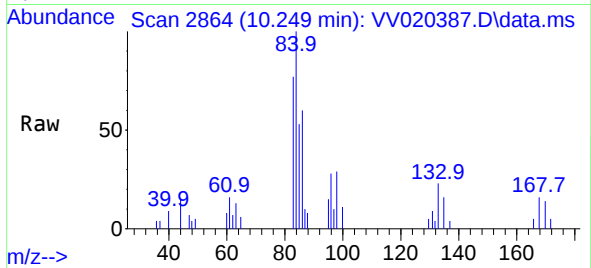
#55
Styrene
Concen: 0.20 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.010 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:104 Resp: 13940
Ion Ratio Lower Upper
104 100
78 41.7 31.9 59.2

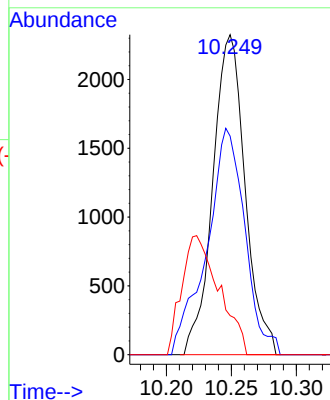
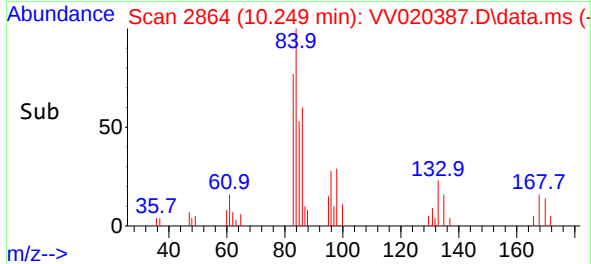




#57
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



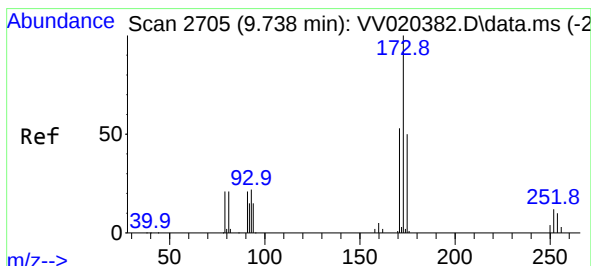
Tgt Ion: 83 Resp: 4015
Ion Ratio Lower Upper
83 100
85 68.3 44.6 82.8
131 12.2 8.4 12.6



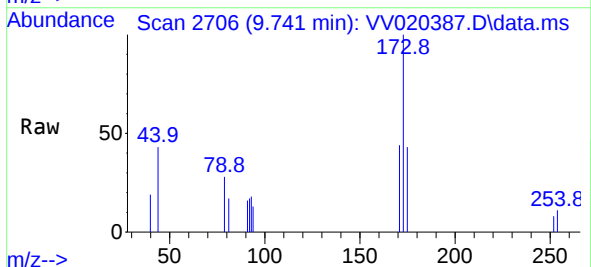
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

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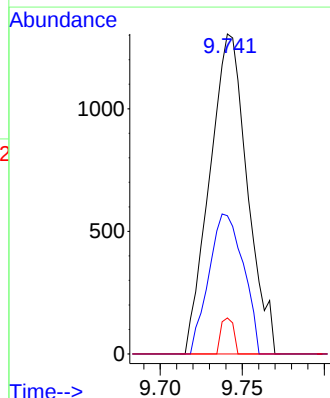
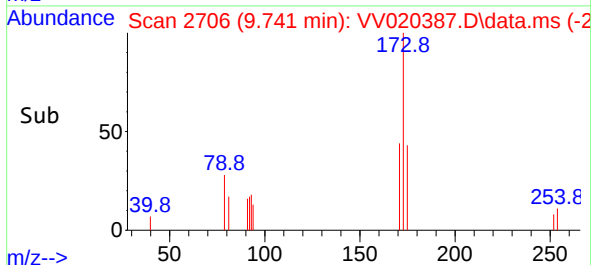
MMDadoda
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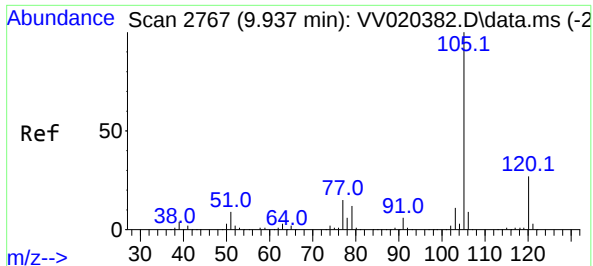


#59
Bromoform
Concen: 0.23 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion: 173 Resp: 2076
Ion Ratio Lower Upper
173 100
175 40.2 38.9 58.3
254 3.8 8.3 12.5#





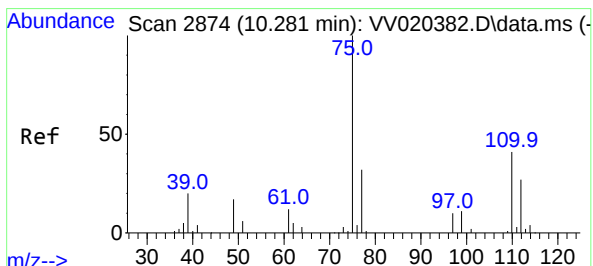
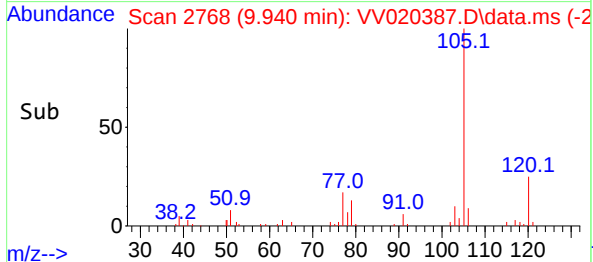
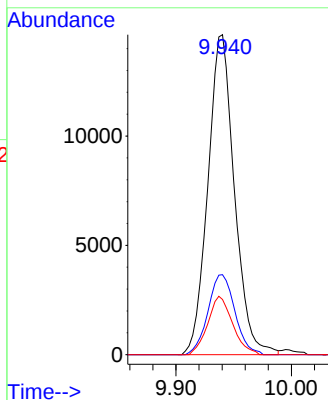
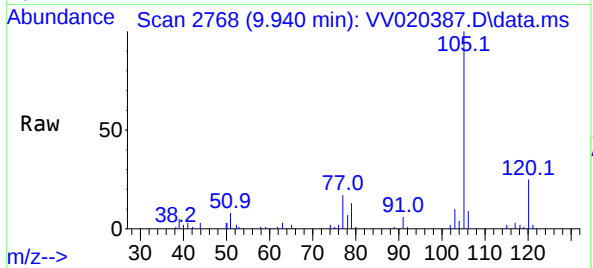
#60
Isopropylbenzene
Concen: 0.22 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	105	Resp:	23396
Ion Ratio	Lower	Upper	
105	100		
120	25.3	21.7	32.5
77	17.1	12.3	18.5

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

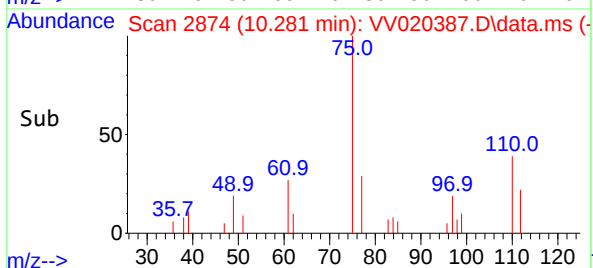
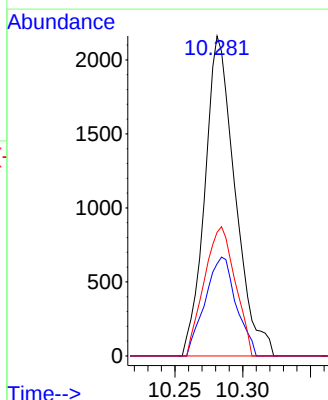
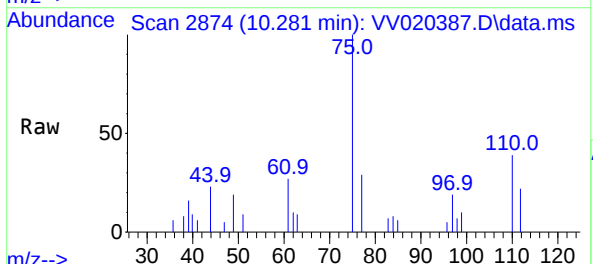
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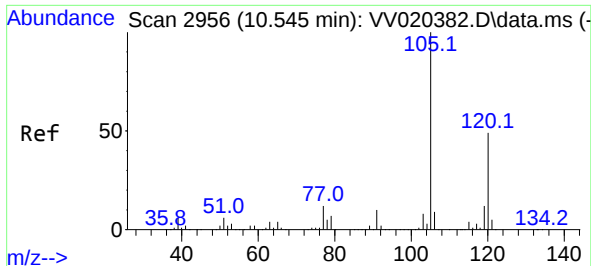
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#61
1,2,3-Trichloropropane
Concen: 0.27 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. -0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:	75	Resp:	3342
Ion Ratio	Lower	Upper	
75	100		
77	31.8	26.1	39.1
110	41.4	33.2	49.8





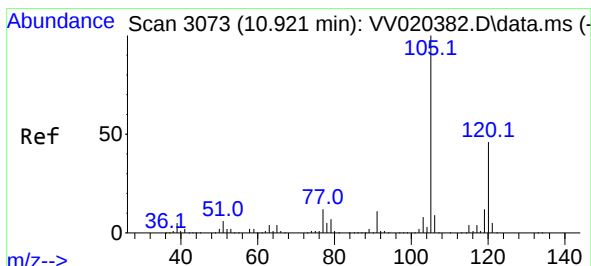
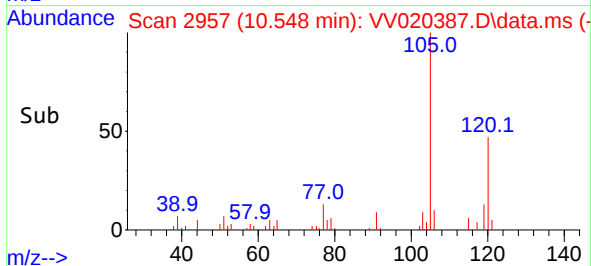
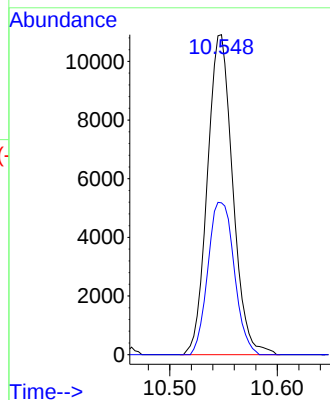
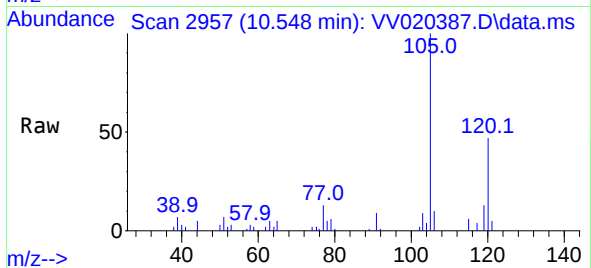
#62
1,3,5-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:105 Resp: 17879
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.0

Instrument :
MSVOA_V
ClientSampleId :
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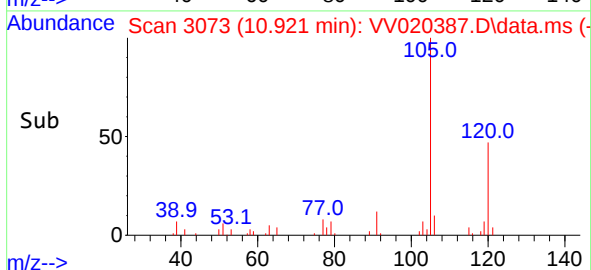
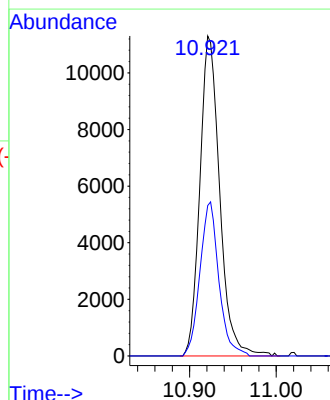
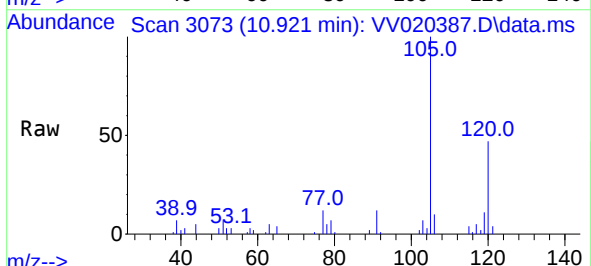
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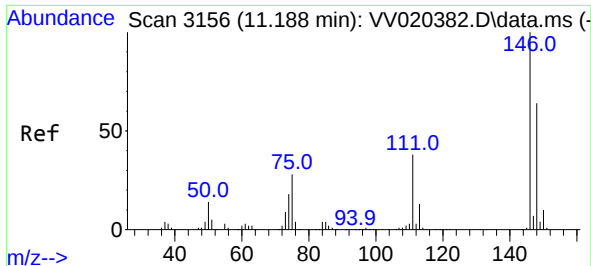
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#63
1,2,4-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:105 Resp: 17943
Ion Ratio Lower Upper
105 100
120 46.0 36.7 55.1





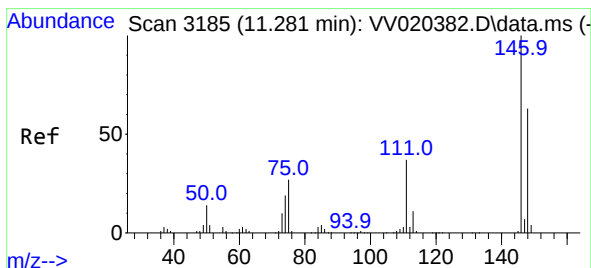
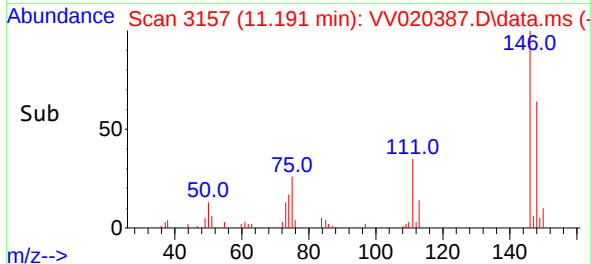
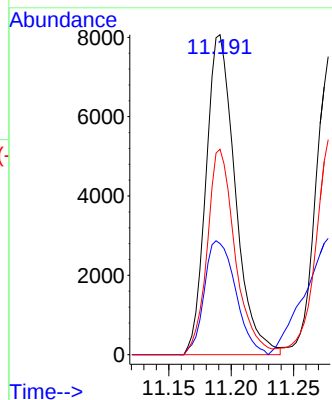
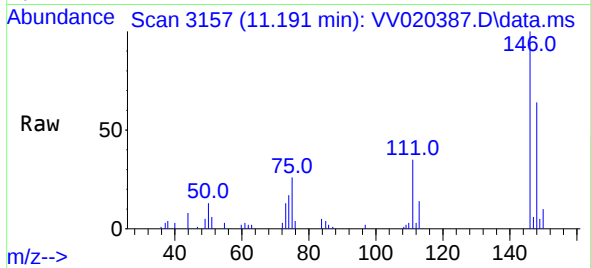
#64
1,3-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:146 Resp: 13181
Ion Ratio Lower Upper
146 100
111 34.7 26.8 49.8
148 64.2 44.6 82.8

Instrument :
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ClientSampleId :
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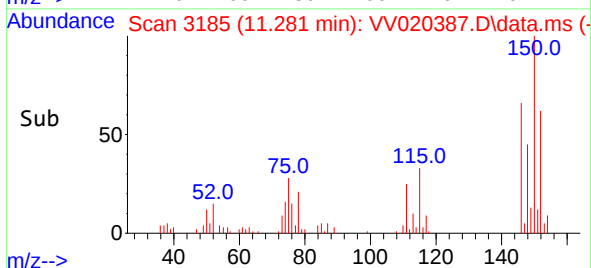
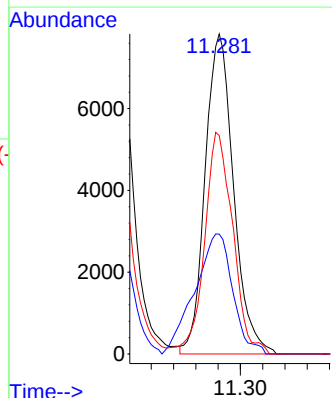
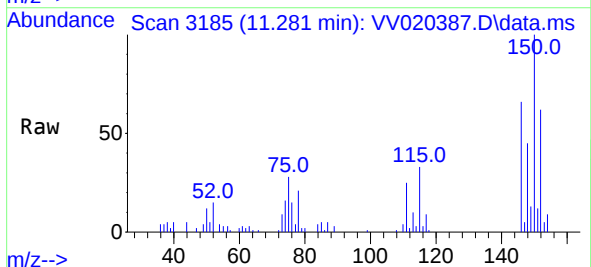
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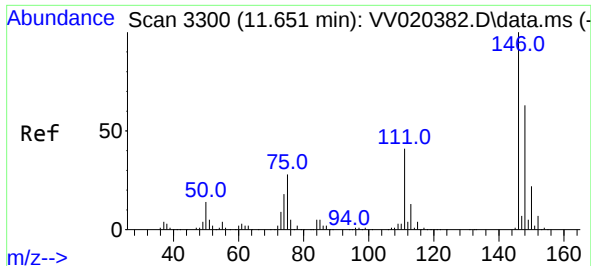
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#65
1,4-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion:146 Resp: 13860
Ion Ratio Lower Upper
146 100
111 37.4 25.8 47.8
148 68.2 43.9 81.5





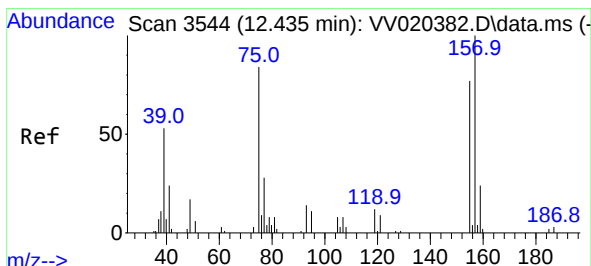
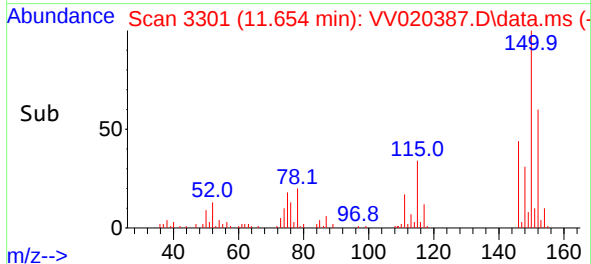
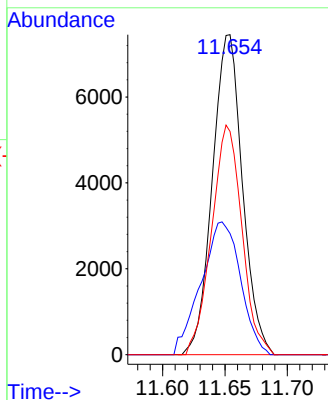
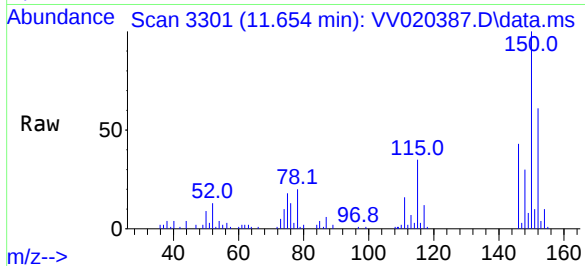
#67
1,2-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.654 min Scan# 3301
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

Tgt Ion: 146 Resp: 12522
Ion Ratio Lower Upper
146 100
111 37.9 32.6 49.0
148 69.7 50.8 76.2

Instrument :
MSVOA_V
ClientSampleId :
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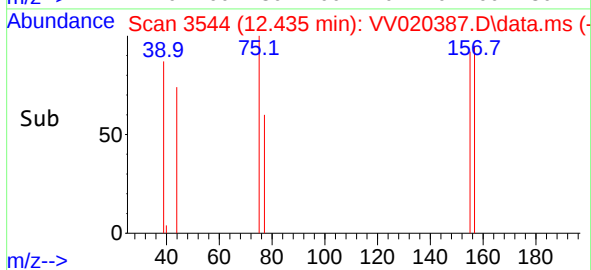
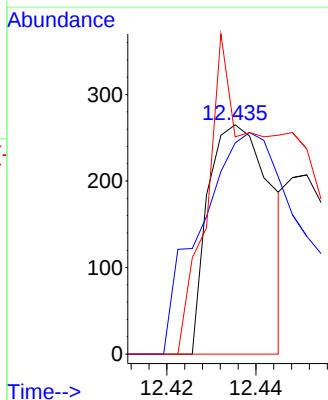
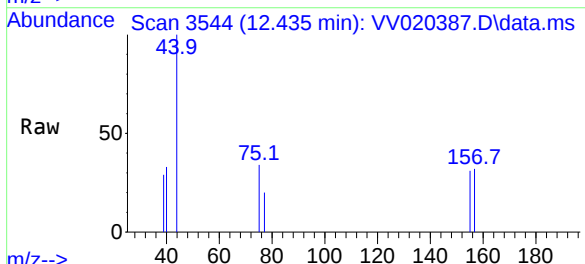
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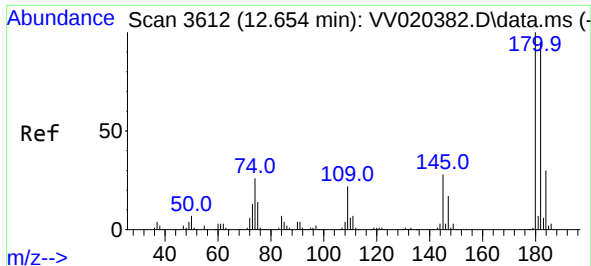
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#68
1,2-Dibromo-3-chloropropane
Concen: 0.12 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

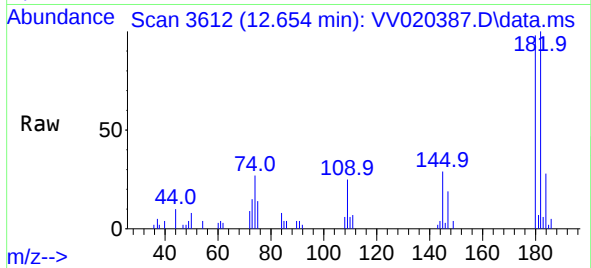
Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
155 92.1 72.8 109.2
157 94.7 94.7 142.1#





#69
1,3,5-Trichlorobenzene
Concen: 0.25 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.000 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

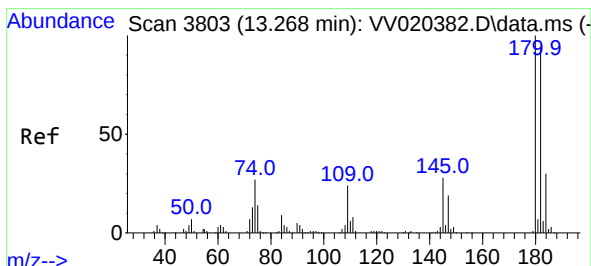
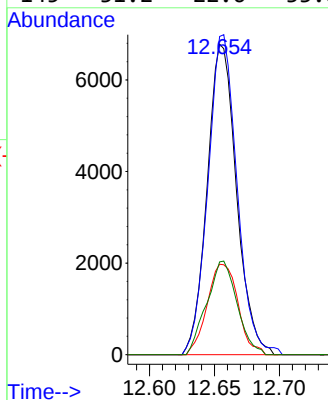
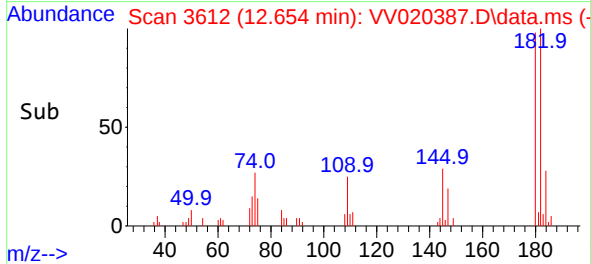
Instrument :
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ClientSampleId :
MDL-WATER-QT2-2021-03



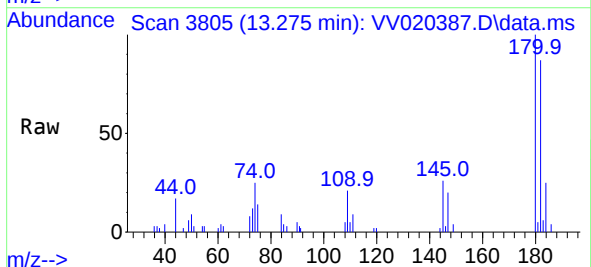
Tgt Ion:180 Resp: 10646
Ion Ratio Lower Upper
180 100
182 101.9 75.6 113.4
184 30.6 24.4 36.6
145 31.2 22.6 33.8

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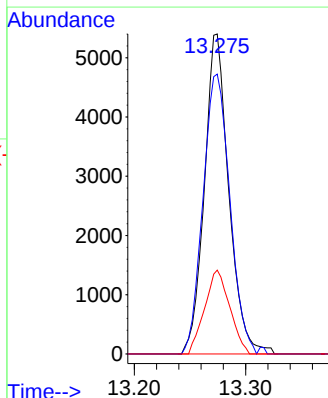
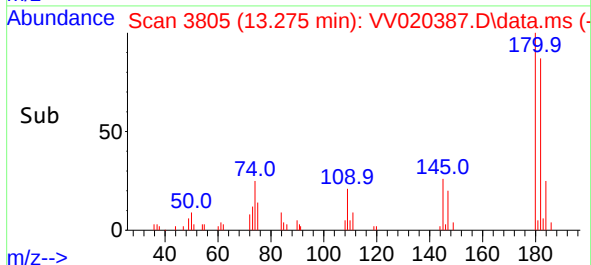
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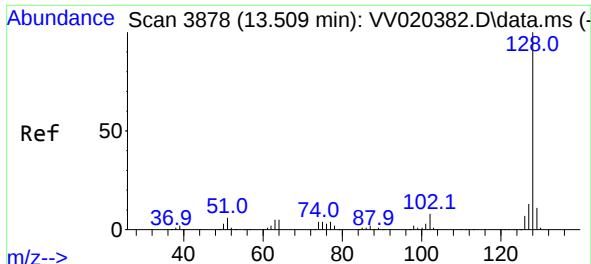


#70
1,2,4-trichlorobenzene
Concen: 0.24 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05

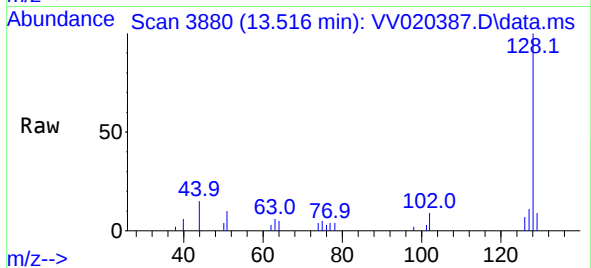


Tgt Ion:180 Resp: 8238
Ion Ratio Lower Upper
180 100
182 96.1 75.7 113.5
145 26.8 23.0 34.4

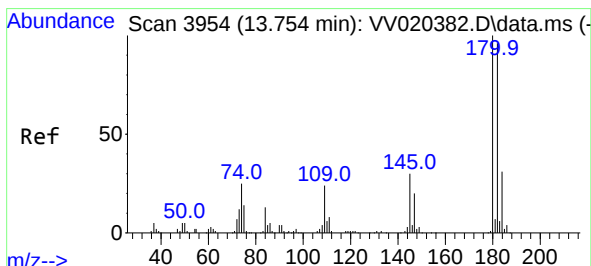
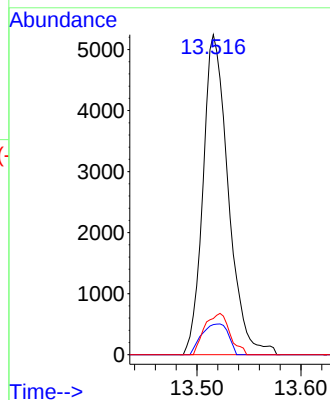
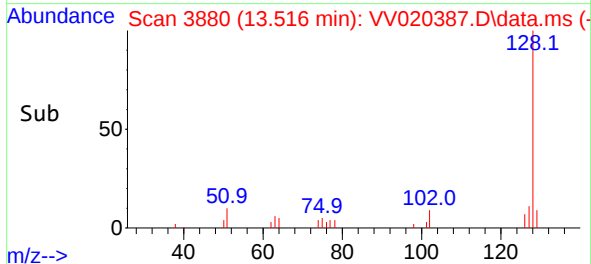




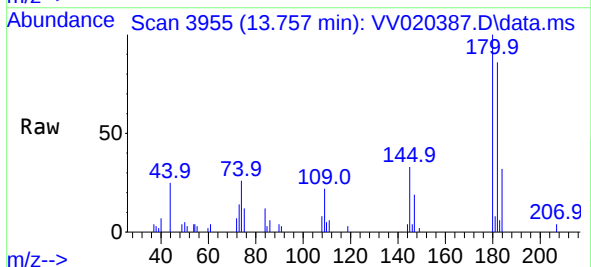
#71
Naphthalene
Concen: 0.19 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



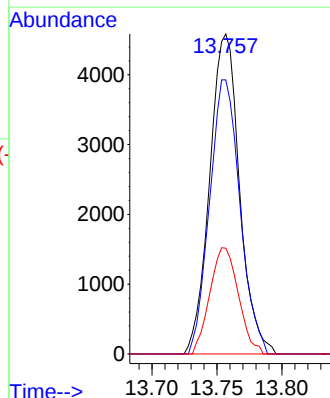
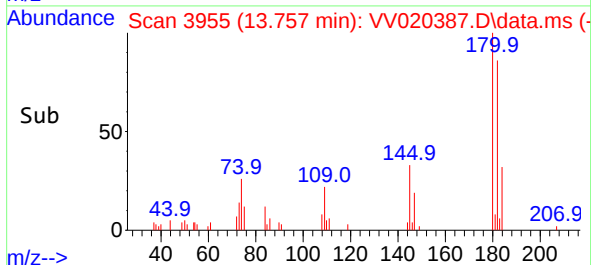
Tgt Ion:128 Resp: 8847
Ion Ratio Lower Upper
128 100
129 10.1 8.6 13.0
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.24 ug/L
RT: 13.757 min Scan# 3955
Delta R.T. 0.003 min
Lab File: VV020387.D
Acq: 23 Feb 2021 18:05



Tgt Ion:180 Resp: 7318
Ion Ratio Lower Upper
180 100
182 86.9 75.9 113.9
145 31.7 24.6 37.0



Instrument :
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ClientSampleId :
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