

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022521\
 Data File : VW020392.D
 Acq On : 24 Feb 2021 12:09
 Operator : SY/MD
 Sample : M1344-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 9:59:04 AM

Quant Time: Feb 25 01:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 25 01:53:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	284138	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	279297	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	135823	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92082	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.568	69	75172	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.108	63	125820	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.908	46	175050	53.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.06%
24) Chloroform-d	4.355	84	169432	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.037	65	87008	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.053	84	341196	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.075	67	103372	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.320	98	311916	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloroprop...	7.628	79	34089	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.095	63	118247	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	64466	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
66) 1,2-Dichlorobenzene-d4	11.631	152	126309	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	8425	0.24	ug/L	98
3) Chloromethane	1.243	50	7194	0.24	ug/L	95
5) Vinyl chloride	1.310	62	7493	0.23	ug/L	86
6) Bromomethane	1.523	94	4842	0.24	ug/L	98
8) Chloroethane	1.587	64	4427	0.23	ug/L	95
9) Trichlorofluoromethane	1.754	101	10201	0.22	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	6935	0.28	ug/L	90
12) 1,1-Dichloroethene	2.117	96	6087	0.26	ug/L #	1
13) Acetone	2.195	43	7172	2.44	ug/L	68
14) Carbon disulfide	2.297	76	16174	0.23	ug/L	97
15) Methyl Acetate	2.449	43	1288	0.18	ug/L #	75
16) Methylene chloride	2.510	84	7652	0.28	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	10331	0.22	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	5489	0.23	ug/L	93
19) 1,1-Dichloroethane	3.195	63	9756	0.23	ug/L	94
21) 2-Butanone	4.018	43	9173m	2.11	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	5841	0.23	ug/L	99
23) Bromochloromethane	4.262	128	2666	0.23	ug/L	87
25) Chloroform	4.384	83	15366	0.34	ug/L	96

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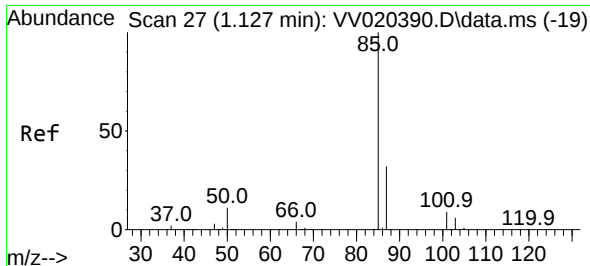
Manual Integrations
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Quant Time: Feb 25 01:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.149	62	6012	0.24	ug/L #	91
29) 1,1,1-Trichloroethane	4.609	97	8713	0.22	ug/L	96
30) Cyclohexane	4.680	56	7251	0.20	ug/L	92
31) Carbon tetrachloride	4.831	117	7693	0.22	ug/L	97
33) Benzene	5.111	78	21646	0.22	ug/L	100
34) Trichloroethene	5.924	95	6384	0.24	ug/L	95
35) Methylcyclohexane	6.133	83	8036	0.20	ug/L	93
37) 1,2-Dichloropropane	6.185	63	5159	0.22	ug/L #	90
38) Bromodichloromethane	6.519	83	6599	0.22	ug/L	98
39) cis-1,3-Dichloropropene	7.043	75	6037	0.19	ug/L	92
40) 4-Methyl-2-pentanone	7.239	43	20192	1.84	ug/L #	87
42) Toluene	7.397	91	22884	0.22	ug/L	95
44) trans-1,3-Dichloropropene	7.667	75	6767	0.27	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	3917	0.24	ug/L	90
47) Tetrachloroethene	7.982	164	5391	0.23	ug/L	98
48) 2-Hexanone	8.149	43	30624	3.95	ug/L	91
49) Dibromochloromethane	8.252	129	4017	0.21	ug/L	94
50) 1,2-Dibromoethane	8.362	107	3021	0.20	ug/L #	93
51) Chlorobenzene	8.889	112	15974	0.23	ug/L	96
52) Ethylbenzene	9.021	91	24427	0.21	ug/L	96
53) m,p-xylene	9.149	106	9820	0.22	ug/L	98
54) o-xylene	9.551	106	8135	0.19	ug/L	92
55) Styrene	9.570	104	12273	0.17	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	3542	0.21	ug/L #	93
59) Bromoform	9.744	173	1897	0.22	ug/L #	91
60) Isopropylbenzene	9.940	105	21853	0.21	ug/L	96
61) 1,2,3-Trichloropropane	10.284	75	2803	0.23	ug/L	95
62) 1,3,5-Trimethylbenzene	10.548	105	17160	0.20	ug/L	94
63) 1,2,4-Trimethylbenzene	10.921	105	16676	0.20	ug/L	99
64) 1,3-Dichlorobenzene	11.191	146	11893	0.23	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	12889	0.24	ug/L	96
67) 1,2-Dichlorobenzene	11.651	146	11997	0.25	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	12.439	75	319	0.15	ug/L	90
69) 1,3,5-Trichlorobenzene	12.657	180	10089	0.24	ug/L	97
70) 1,2,4-trichlorobenzene	13.275	180	7990	0.23	ug/L	93
71) Naphthalene	13.516	128	8087	0.17	ug/L	94
72) 1,2,3-Trichlorobenzene	13.754	180	6575	0.22	ug/L	96

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



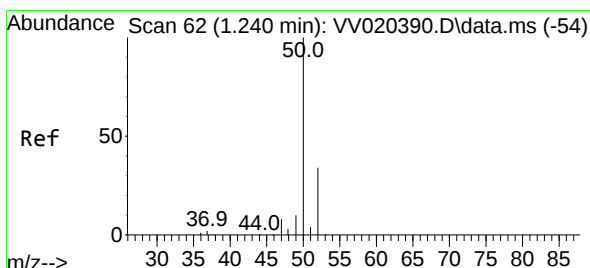
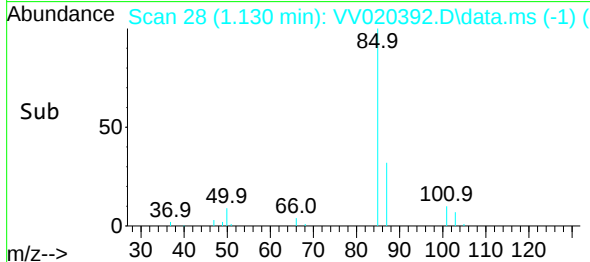
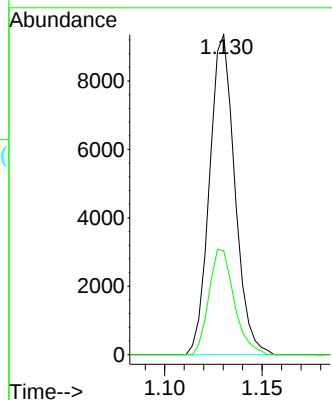
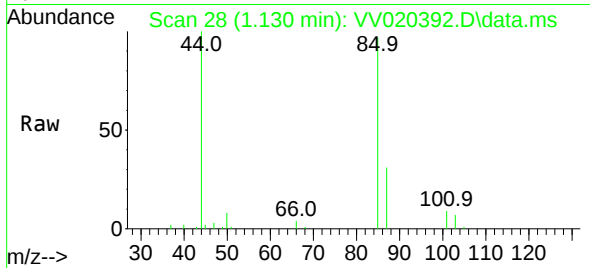
#2
 Dichlorodifluoromethane
 Concen: 0.24 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09

Tgt Ion: 85 Resp: 8425
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.7 38.5

Instrument :
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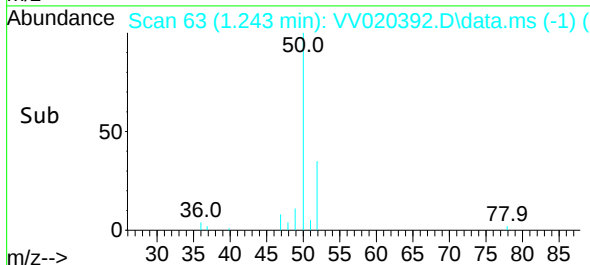
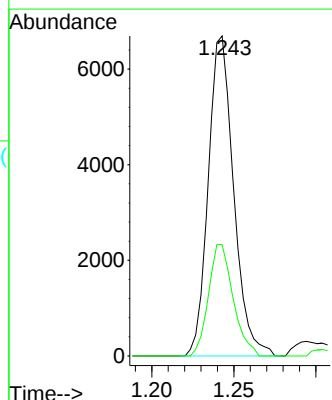
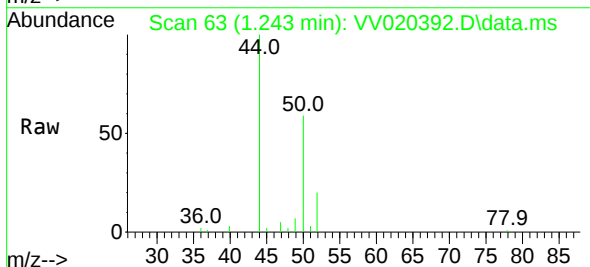
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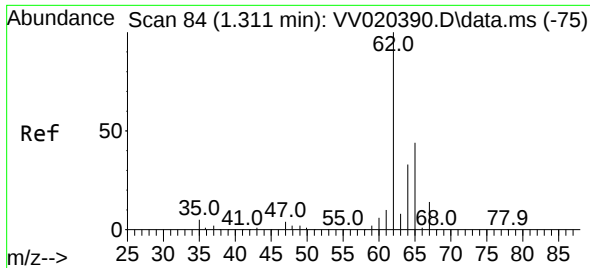
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#3
 Chloromethane
 Concen: 0.24 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09

Tgt Ion: 50 Resp: 7194
 Ion Ratio Lower Upper
 50 100
 52 34.8 22.5 41.9





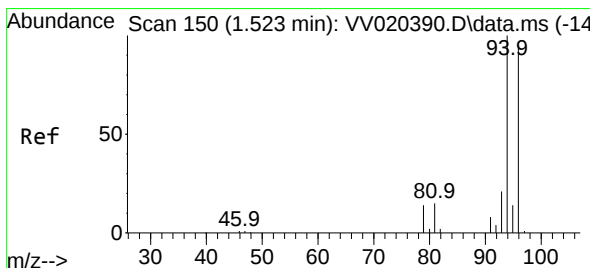
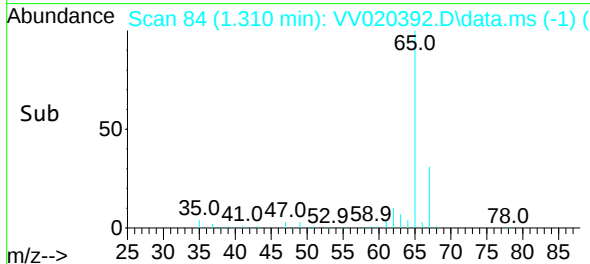
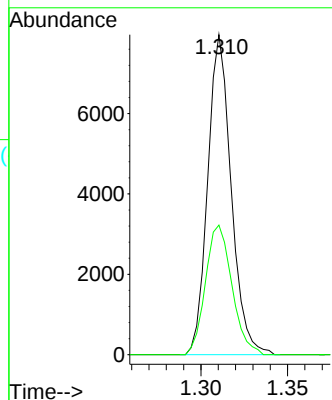
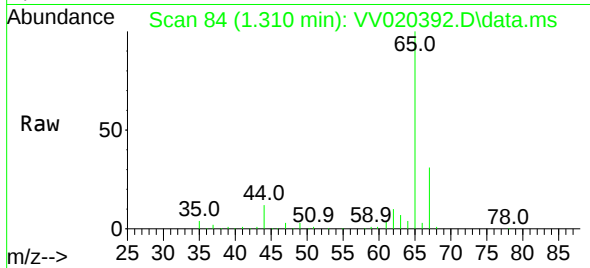
#5
 Vinyl chloride
 Concen: 0.23 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09

Tgt Ion: 62 Resp: 7493
 Ion Ratio Lower Upper
 62 100
 64 40.5 22.8 42.4

Instrument :
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 ClientSampleId :
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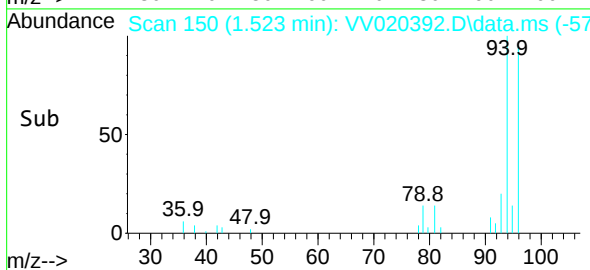
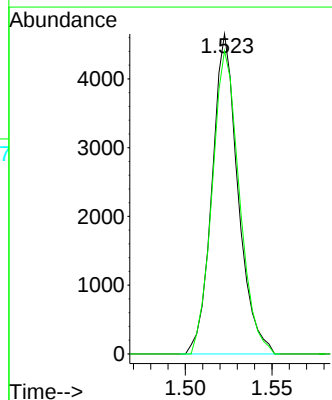
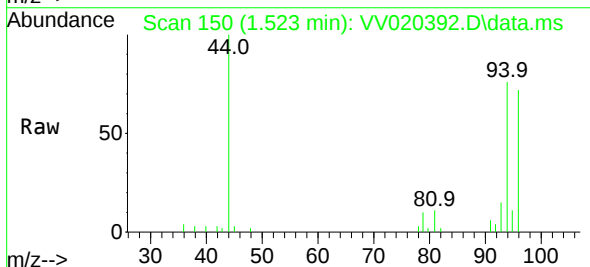
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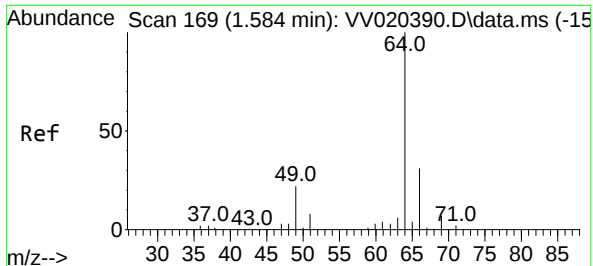
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#6
 Bromomethane
 Concen: 0.24 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09

Tgt Ion: 94 Resp: 4842
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.6





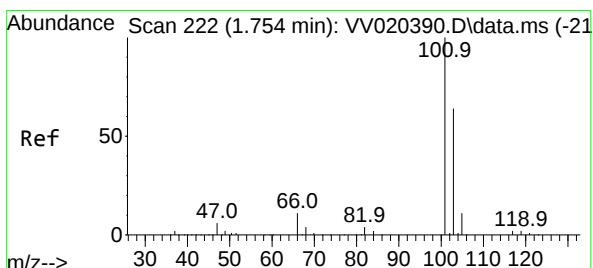
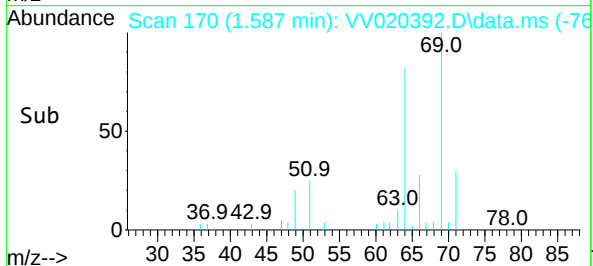
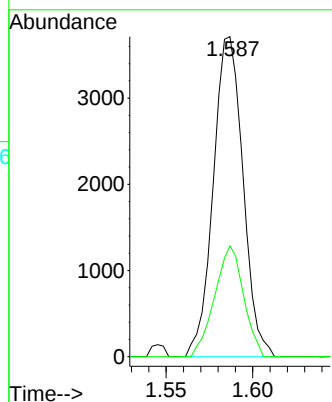
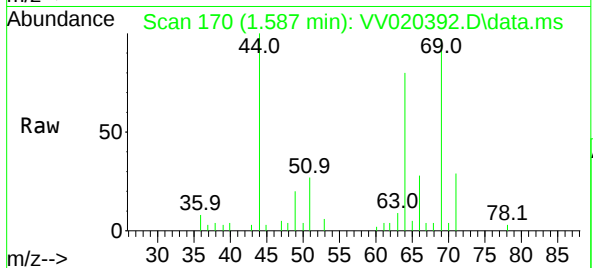
#8
Chloroethane
Concen: 0.23 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 64 Resp: 4427
Ion Ratio Lower Upper
64 100
66 34.6 22.3 41.5

Instrument :
MSVOA_V
ClientSampleId :
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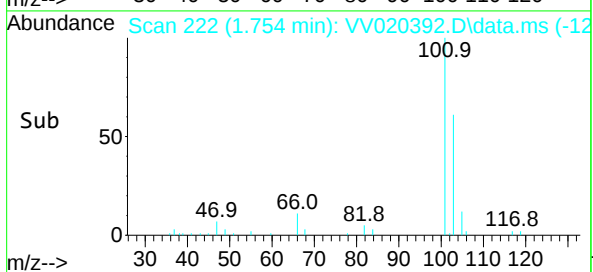
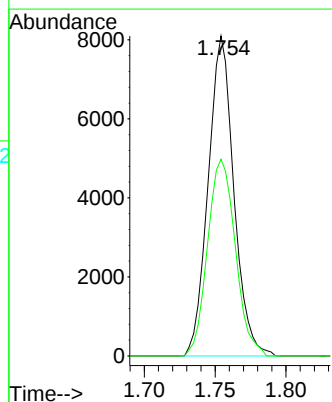
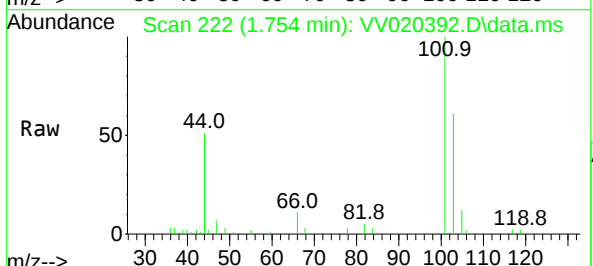
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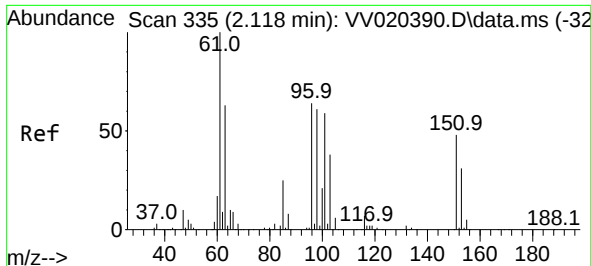
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#9
Trichlorofluoromethane
Concen: 0.22 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 101 Resp: 10201
Ion Ratio Lower Upper
101 100
103 66.5 51.9 77.9





#10

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

Concen: 0.28 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV020392.D

Acq: 24 Feb 2021 12:09

Tgt Ion:	101	Resp:	6935
Ion Ratio	Lower	Upper	
101	100		
85	35.2	33.0	49.6
151	71.8	64.2	96.2

Instrument :

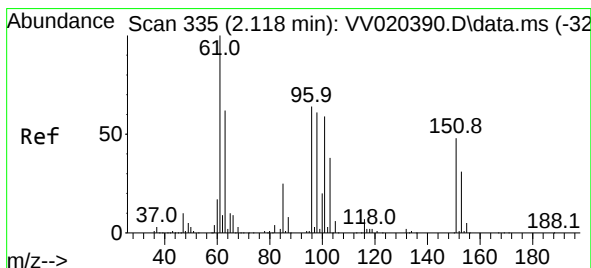
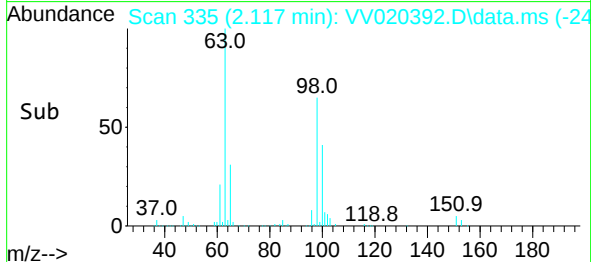
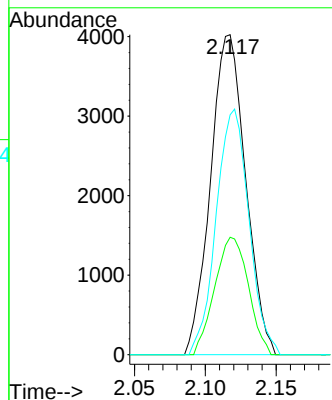
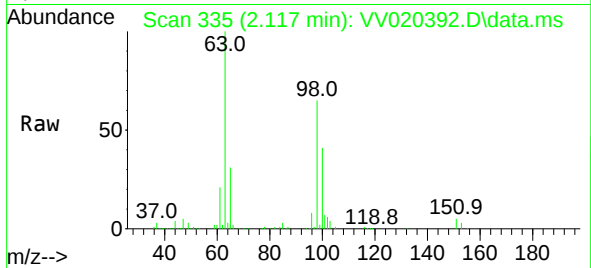
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ClientSampleId :

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#12

1,1-Dichloroethene

Concen: 0.26 ug/L

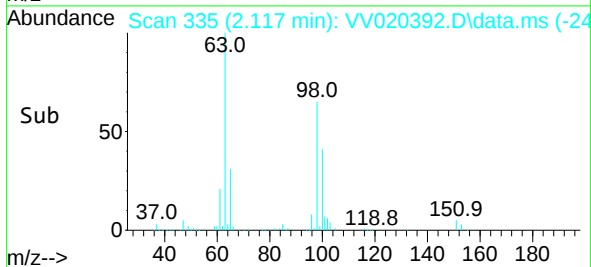
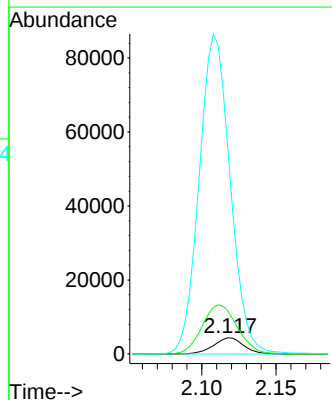
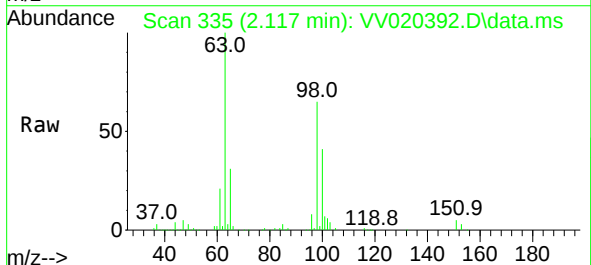
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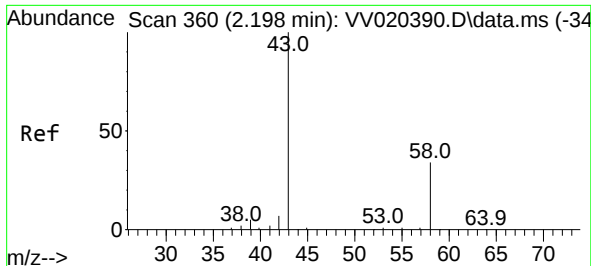
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Lab File: VV020392.D

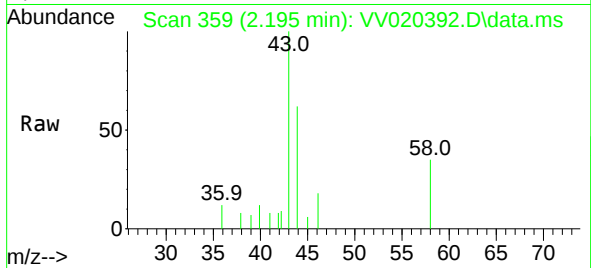
Acq: 24 Feb 2021 12:09

Tgt Ion:	96	Resp:	6087
Ion Ratio	Lower	Upper	
96	100		
61	267.0	109.8	204.0#
63	1276.1	71.3	132.3#

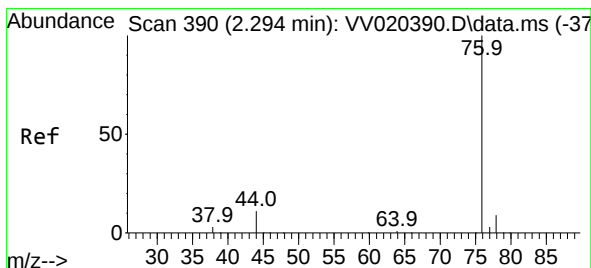
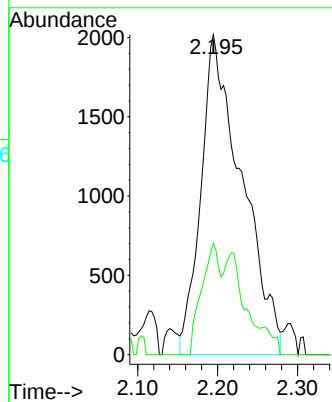
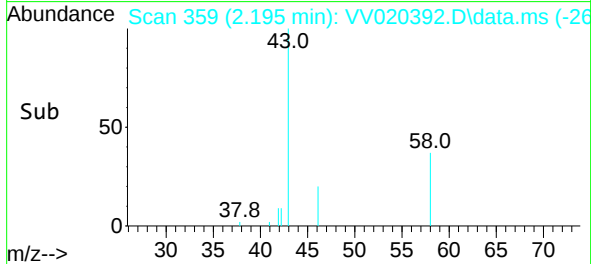




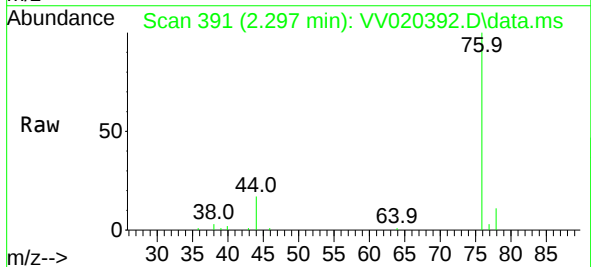
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Acetone
Concen: 2.44 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



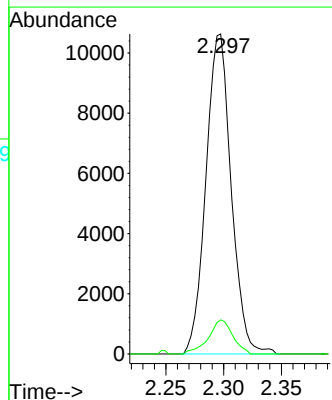
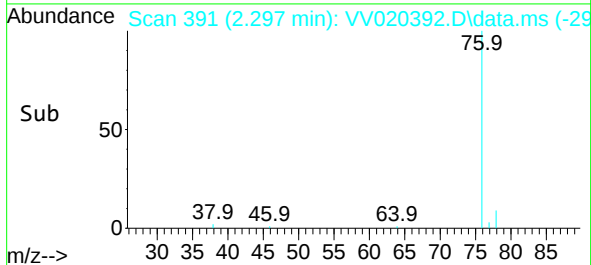
Tgt Ion: 43 Resp: 7172
Ion Ratio Lower Upper
43 100
58 15.5 0.0 67.4



#14
Carbon disulfide
Concen: 0.23 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



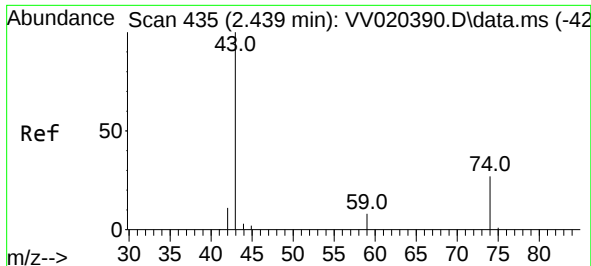
Tgt Ion: 76 Resp: 16174
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



Instrument :
MSVOA_V
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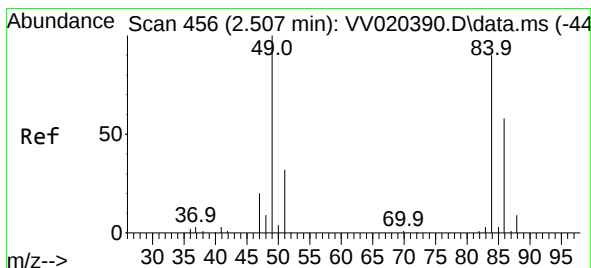
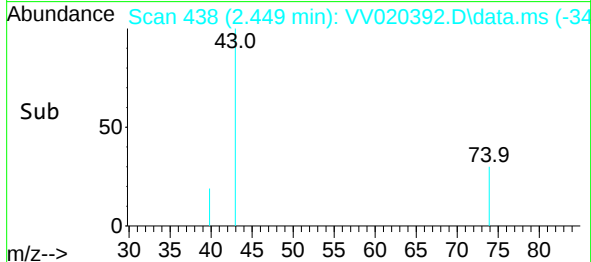
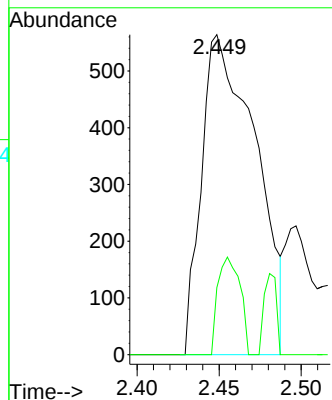
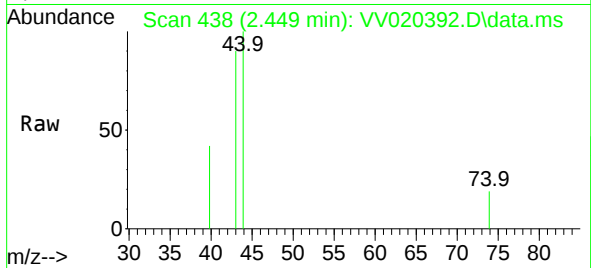
#15
Methyl Acetate
Concen: 0.18 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.009 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
74 12.5 20.1 30.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

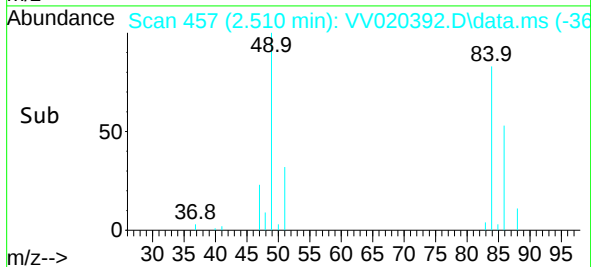
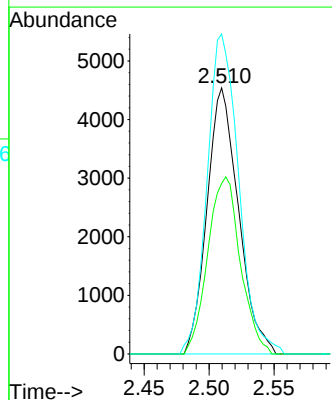
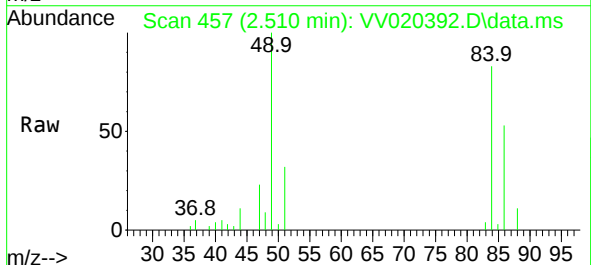
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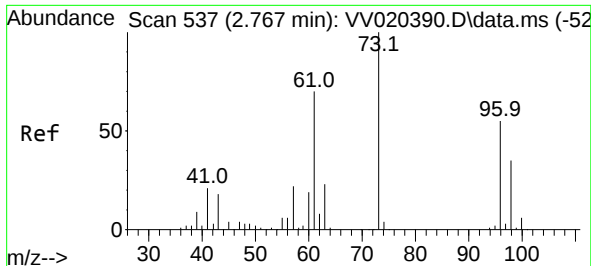
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#16
Methylene chloride
Concen: 0.28 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 84 Resp: 7652
Ion Ratio Lower Upper
84 100
86 64.1 47.2 87.6
49 120.2 81.9 152.1





#17

Methyl tert-butyl Ether

Concen: 0.22 ug/L

RT: 2.777 min Scan# 540

Delta R.T. 0.009 min

Lab File: VV020392.D

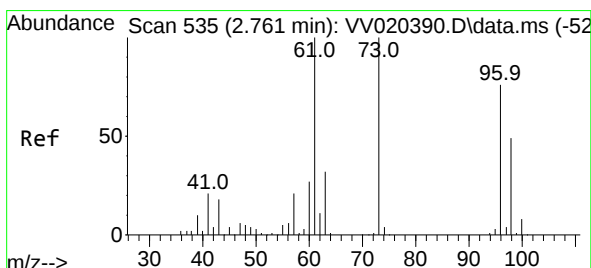
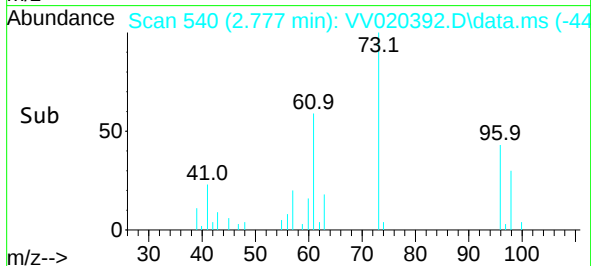
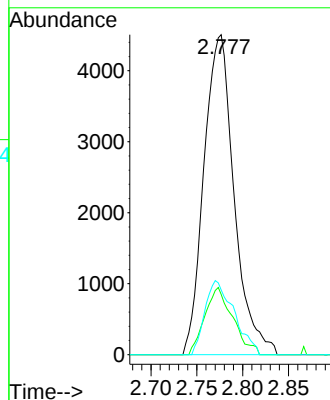
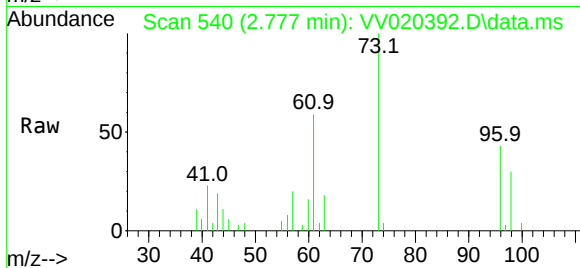
Acq: 24 Feb 2021 12:09

Tgt Ion: 73	Resp: 10331
Ion Ratio	Lower Upper
73 100	
43 19.5	15.3 22.9
57 22.4	17.0 25.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

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#18

trans-1,2-Dichloroethene

Concen: 0.23 ug/L

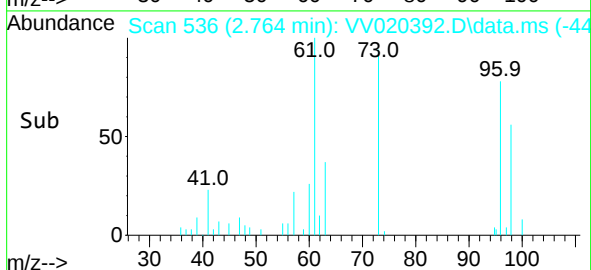
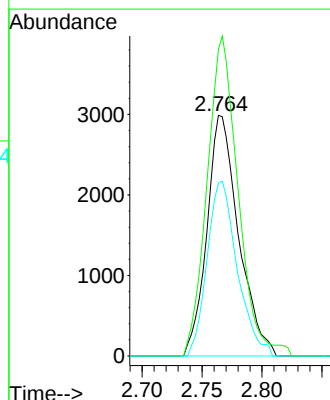
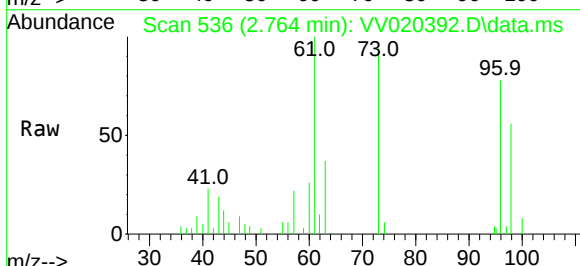
RT: 2.764 min Scan# 536

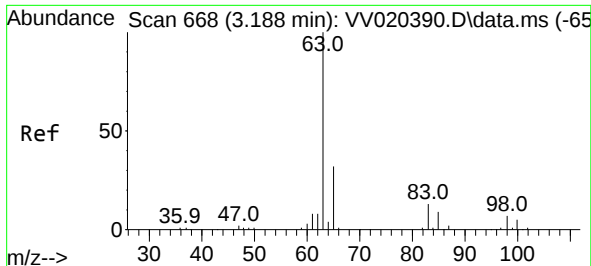
Delta R.T. 0.003 min

Lab File: VV020392.D

Acq: 24 Feb 2021 12:09

Tgt Ion: 96	Resp: 5489
Ion Ratio	Lower Upper
96 100	
61 127.5	94.1 174.8
98 71.9	45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.23 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV020392.D

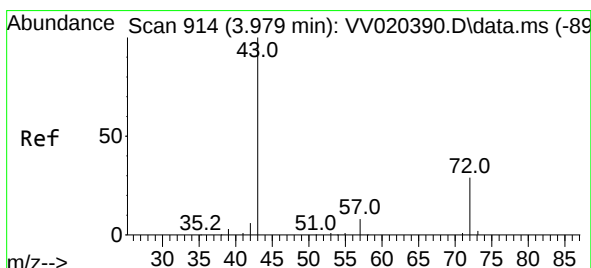
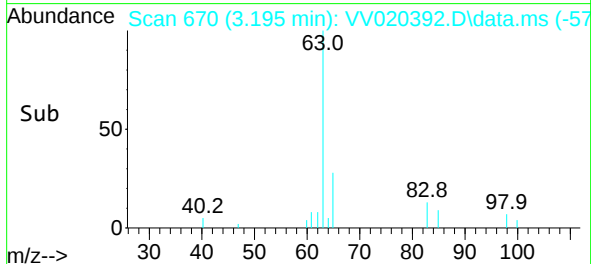
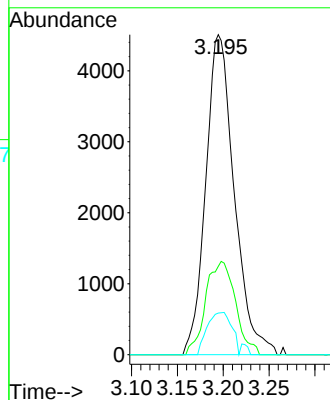
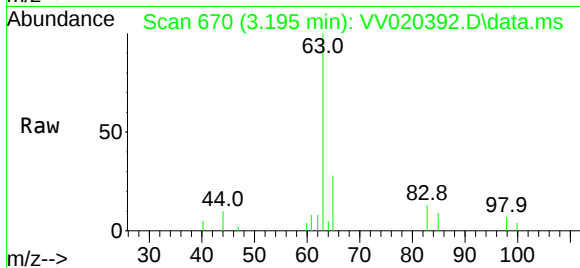
Acq: 24 Feb 2021 12:09

Tgt Ion:	63	Resp:	9756
Ion	Ratio	Lower	Upper
63	100		
65	27.6	22.3	41.5
83	13.0	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :
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#21

2-Butanone

Concen: 2.11 ug/L m

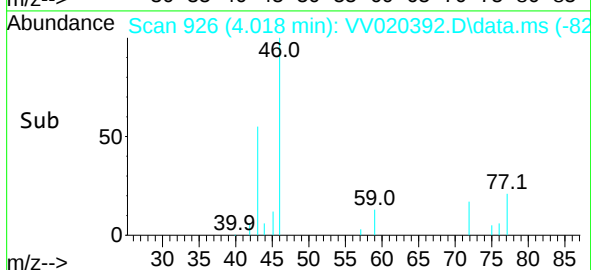
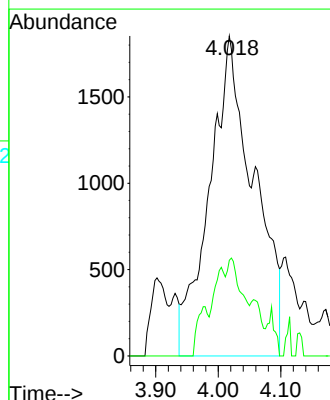
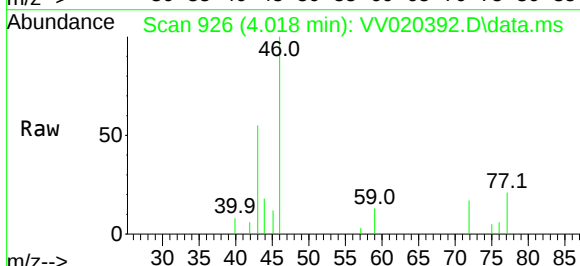
RT: 4.018 min Scan# 926

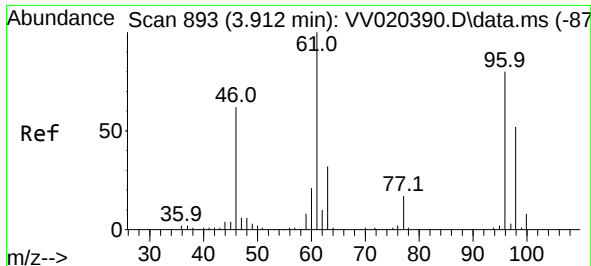
Delta R.T. 0.038 min

Lab File: VV020392.D

Acq: 24 Feb 2021 12:09

Tgt Ion:	43	Resp:	9173
Ion	Ratio	Lower	Upper
43	100		
72	5.0	14.5	43.5#





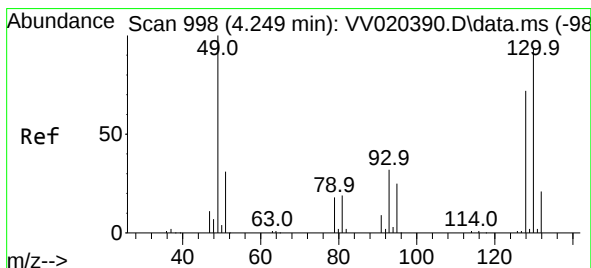
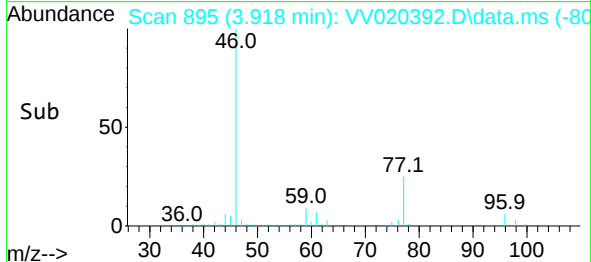
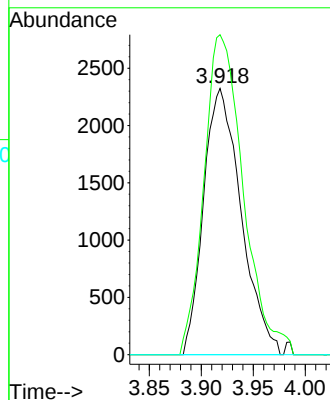
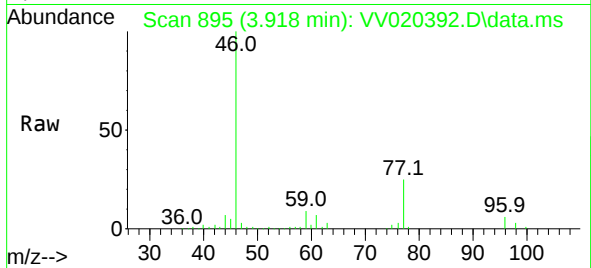
#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 96 Resp: 5841
Ion Ratio Lower Upper
96 100
61 120.2 84.6 157.2
68 0.0 0.0 0.0

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

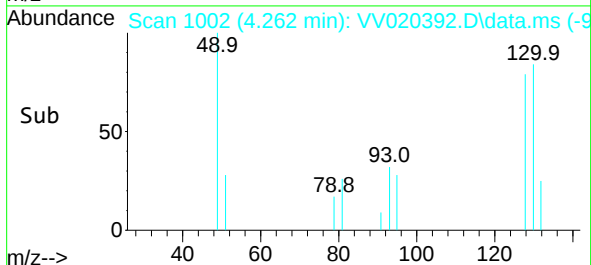
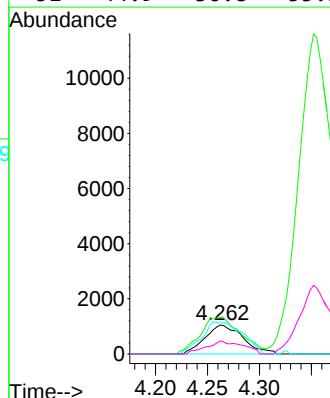
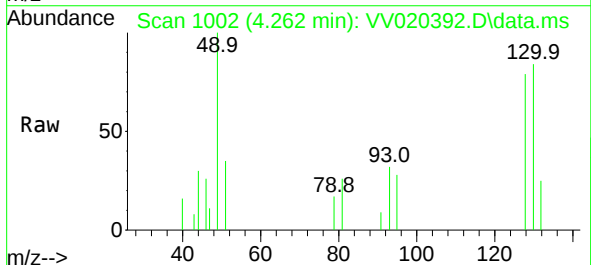
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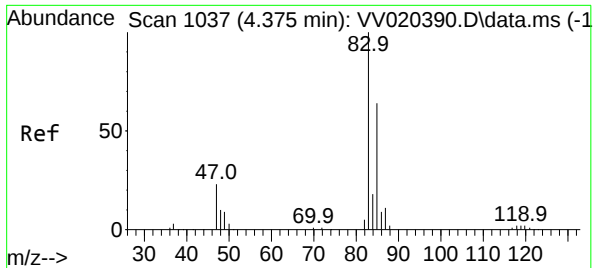
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#23
Bromochloromethane
Concen: 0.23 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.013 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

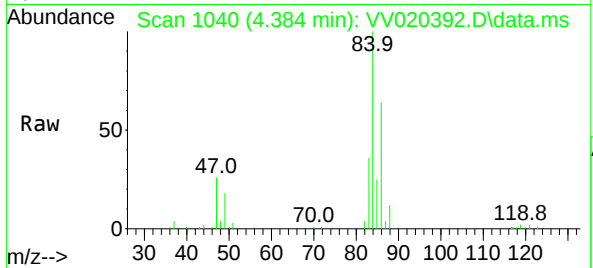
Tgt Ion: 128 Resp: 2666
Ion Ratio Lower Upper
128 100
49 126.5 100.0 185.8
130 106.5 87.4 162.2
51 44.9 36.8 55.2





#25
Chloroform
Concen: 0.34 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.009 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

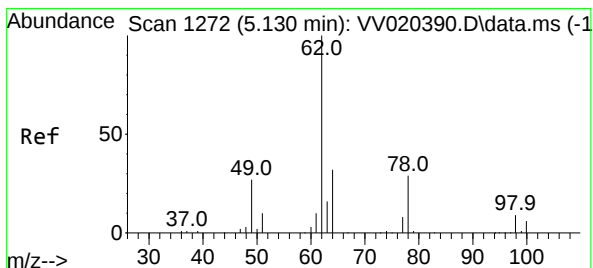
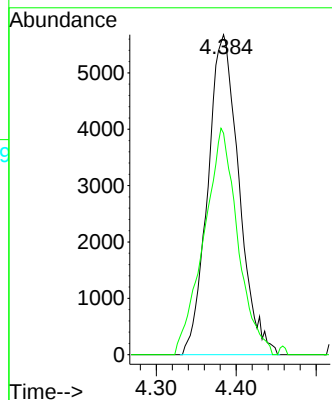
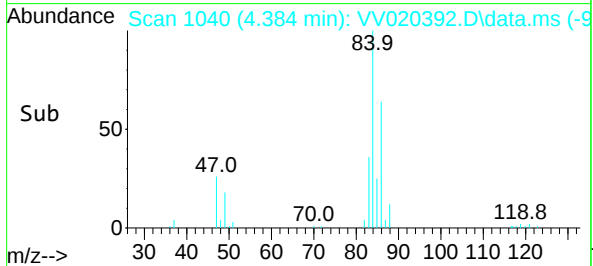
Instrument :
MSVOA_V
ClientSampleId :
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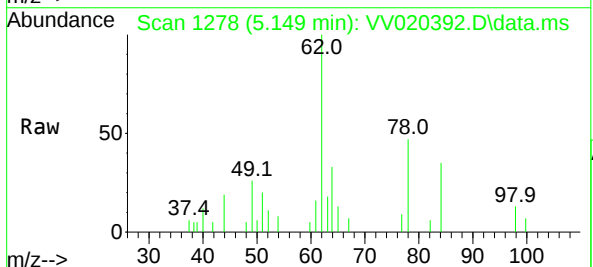
Tgt Ion: 83 Resp: 15366
Ion Ratio Lower Upper
83 100
85 69.2 46.4 86.2

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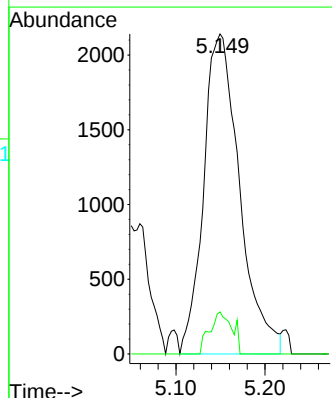
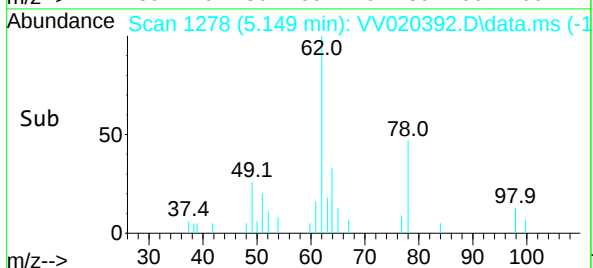
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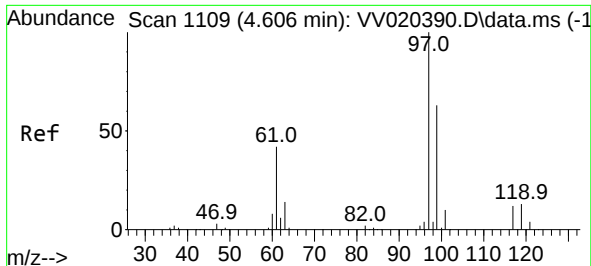


#27
1,2-Dichloroethane
Concen: 0.24 ug/L
RT: 5.149 min Scan# 1278
Delta R.T. 0.019 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



Tgt Ion: 62 Resp: 6012
Ion Ratio Lower Upper
62 100
98 13.2 8.0 12.0#





#29

1,1,1-Trichloroethane

Concen: 0.22 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV020392.D

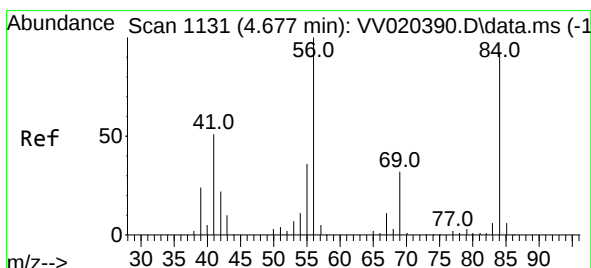
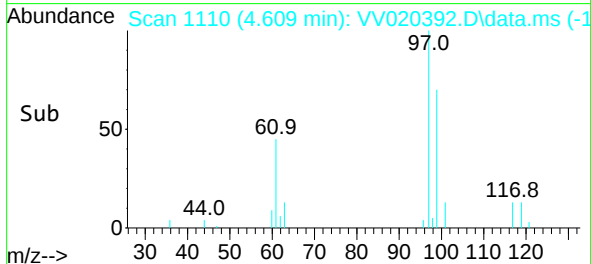
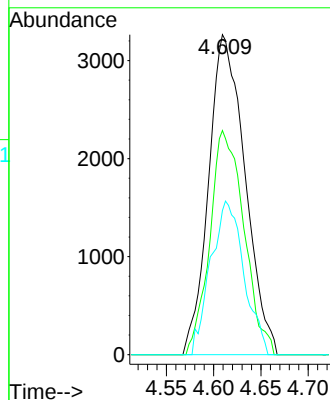
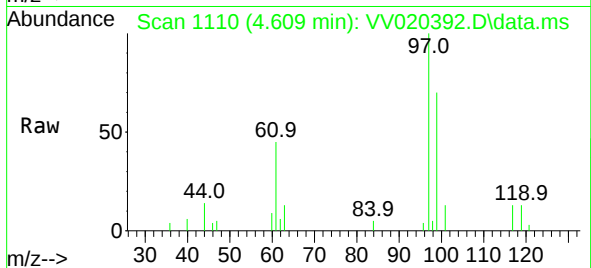
Acq: 24 Feb 2021 12:09

Tgt Ion:	97	Resp:	8713
Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.6	75.8
61	43.9	33.2	49.8

Instrument :
MSVOA_V
ClientSampleId :
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#30

Cyclohexane

Concen: 0.20 ug/L

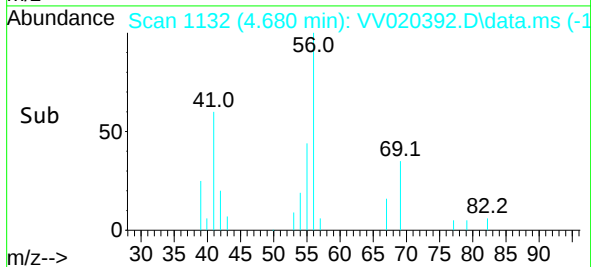
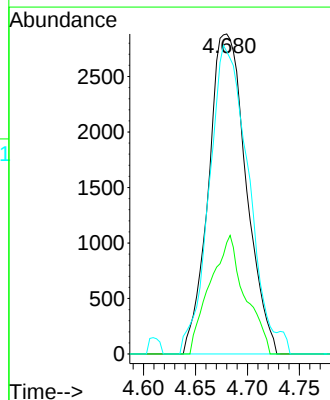
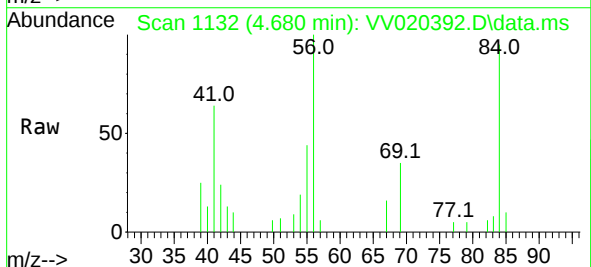
RT: 4.680 min Scan# 1132

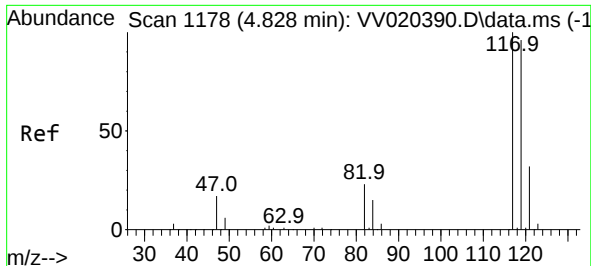
Delta R.T. 0.003 min

Lab File: VV020392.D

Acq: 24 Feb 2021 12:09

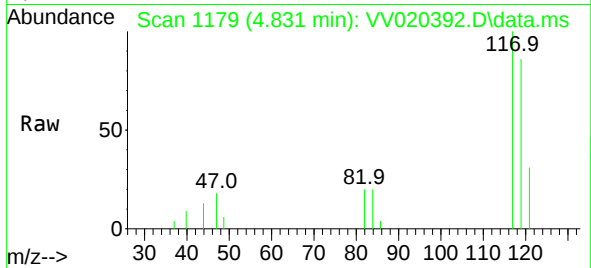
Tgt Ion:	56	Resp:	7251
Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.4	38.0
84	100.9	73.5	110.3





#31
Carbon tetrachloride
Concen: 0.22 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

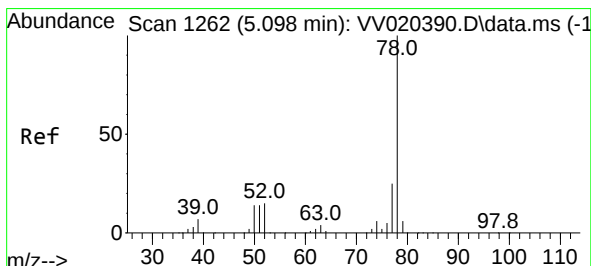
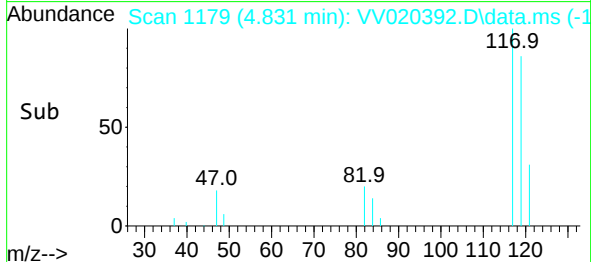
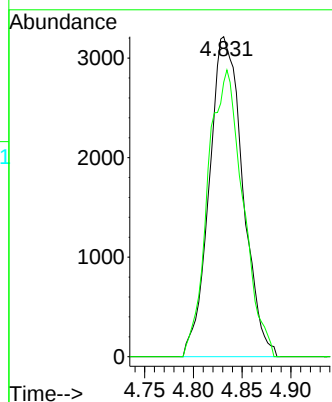
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:117 Resp: 7693
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2

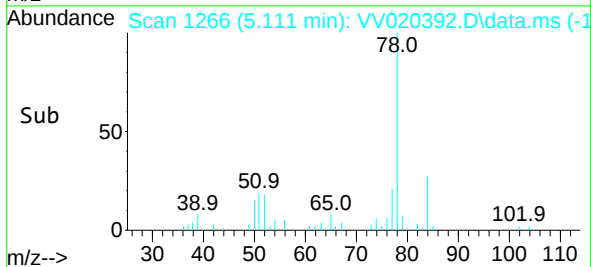
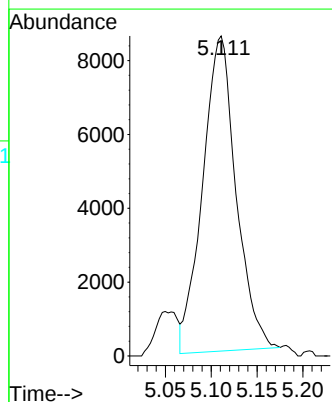
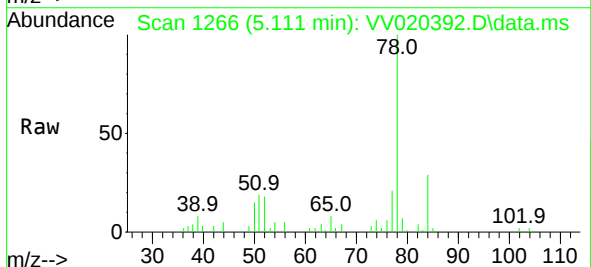
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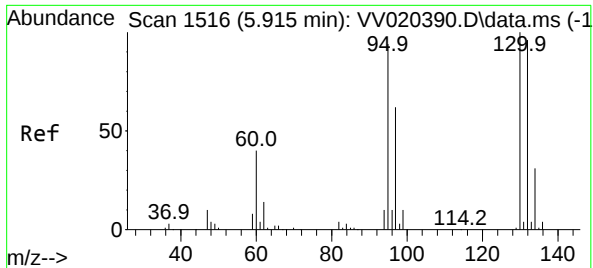
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#33
Benzene
Concen: 0.22 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.013 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 78 Resp: 21646





#34

Trichloroethene

Concen: 0.24 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.009 min

Lab File: VV020392.D

Acq: 24 Feb 2021 12:09

Tgt Ion: 95 Resp: 6384

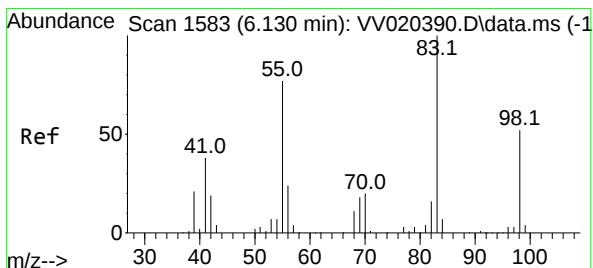
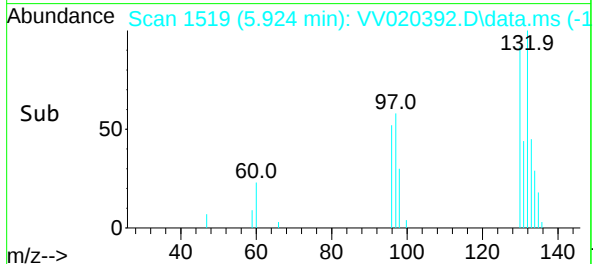
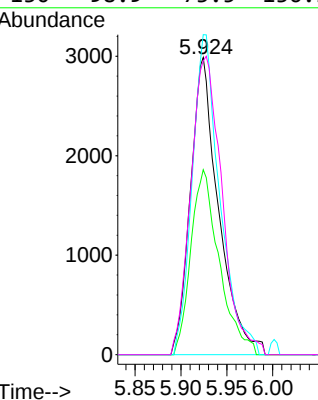
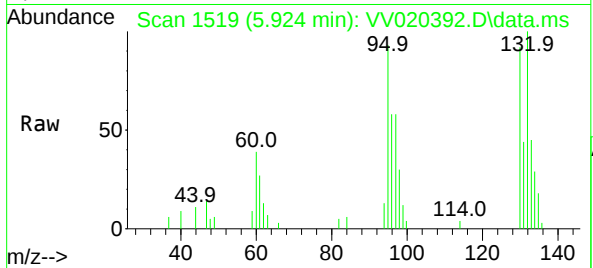
Ion Ratio Lower Upper

95 100

97 62.2 45.1 83.9

132 107.7 71.5 132.9

130 98.9 73.5 136.5



#35

Methylcyclohexane

Concen: 0.20 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV020392.D

Acq: 24 Feb 2021 12:09

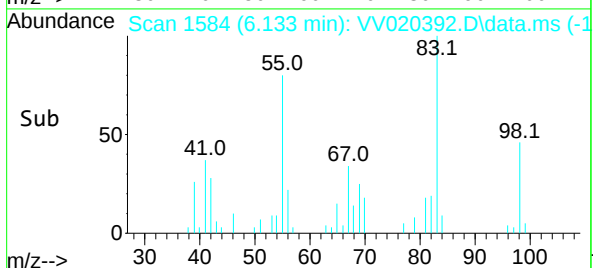
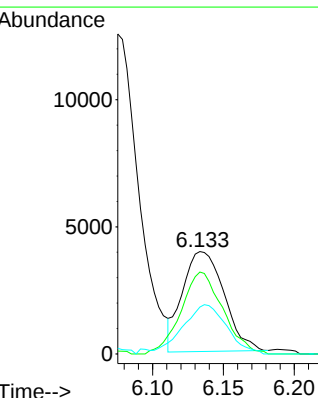
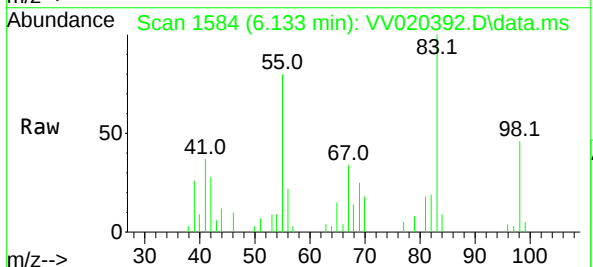
Tgt Ion: 83 Resp: 8036

Ion Ratio Lower Upper

83 100

55 82.1 59.1 88.7

98 52.0 40.1 60.1



Instrument :

MSVOA_V

ClientSampleId :

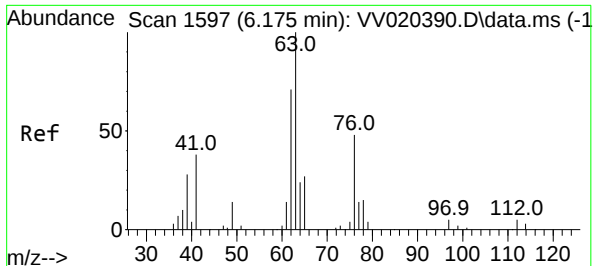
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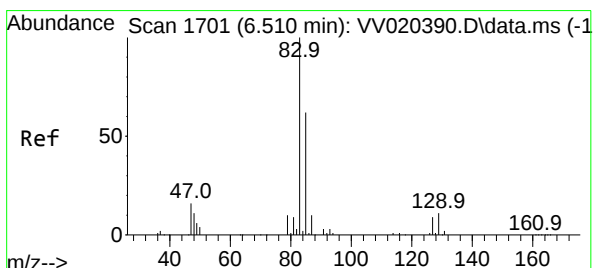
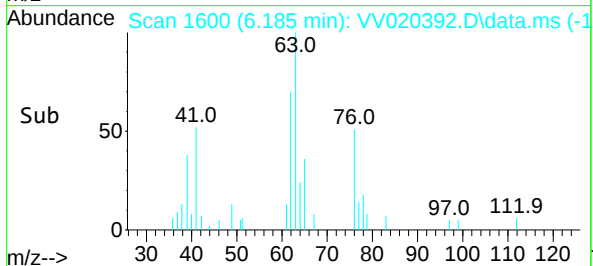
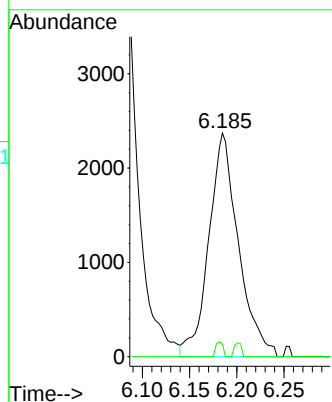
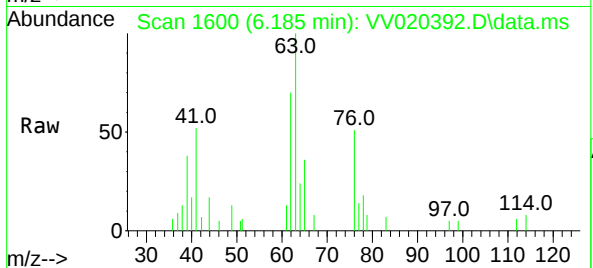
#37
1,2-Dichloropropane
Concen: 0.22 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.009 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 63 Resp: 5159
Ion Ratio Lower Upper
63 100
112 1.6 3.8 5.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

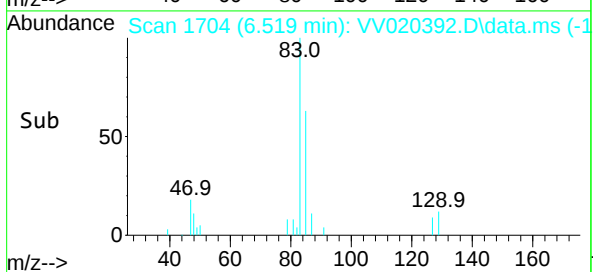
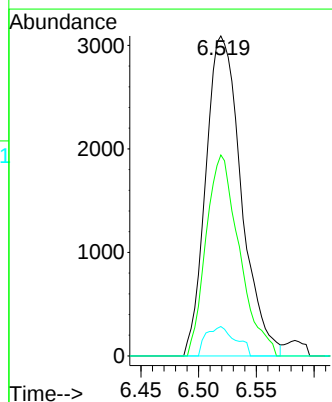
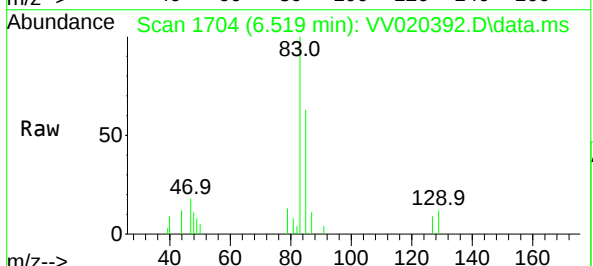
Manual Integrations
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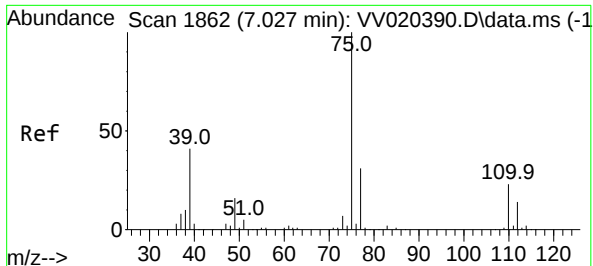
MMDadoda
3/1/2021 9:59:04 AM



#38
Bromodichloromethane
Concen: 0.22 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.009 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 83 Resp: 6599
Ion Ratio Lower Upper
83 100
85 62.8 43.0 79.8
127 9.2 7.0 10.6





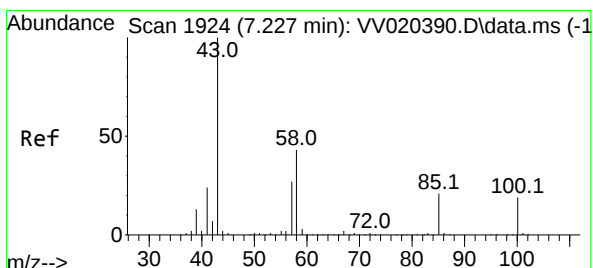
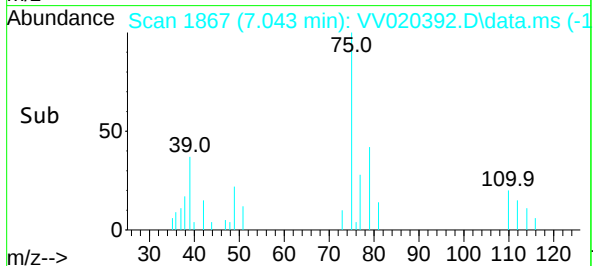
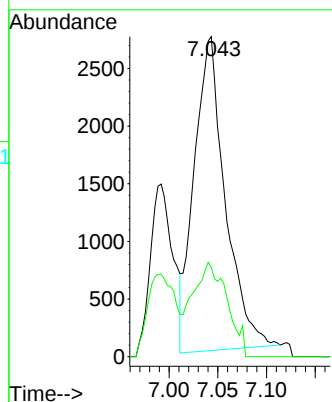
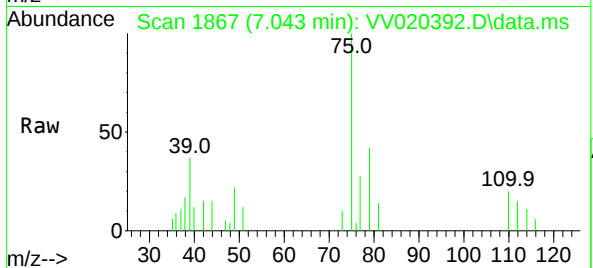
#39
 cis-1,3-Dichloropropene
 Concen: 0.19 ug/L
 RT: 7.043 min Scan# 1867
 Delta R.T. 0.016 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09

Tgt Ion: 75 Resp: 6037
 Ion Ratio Lower Upper
 75 100
 77 28.0 22.5 41.9

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-04

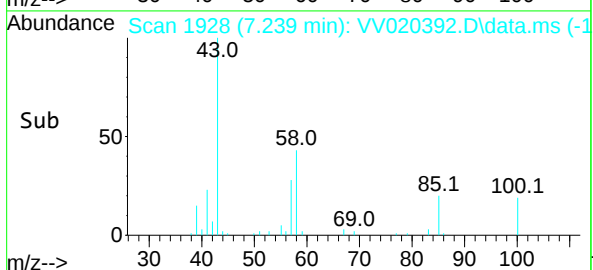
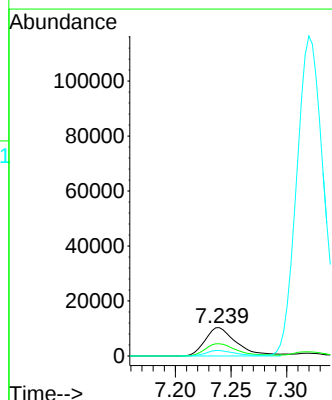
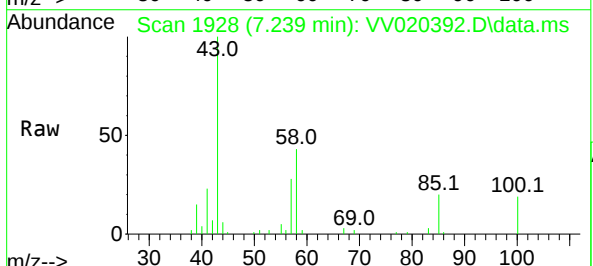
Manual Integrations
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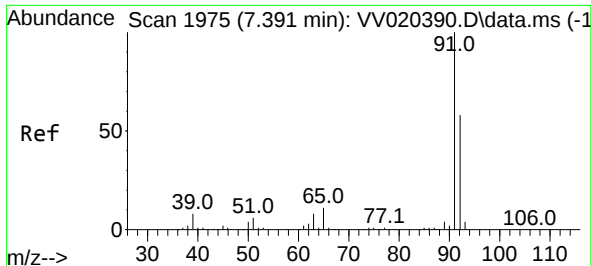
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#40
 4-Methyl-2-pentanone
 Concen: 1.84 ug/L
 RT: 7.239 min Scan# 1928
 Delta R.T. 0.013 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09

Tgt Ion: 43 Resp: 20192
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.1 51.1
 100 0.0 14.6 21.8#





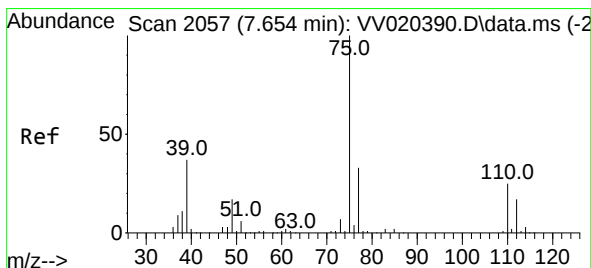
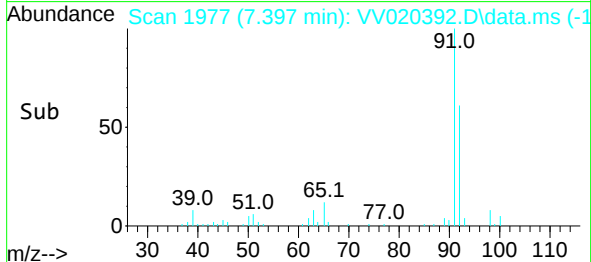
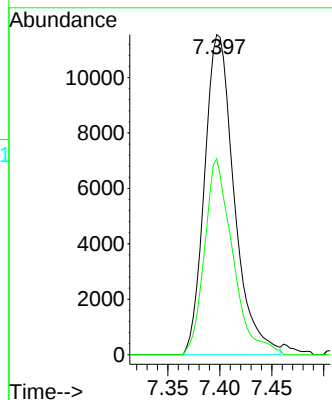
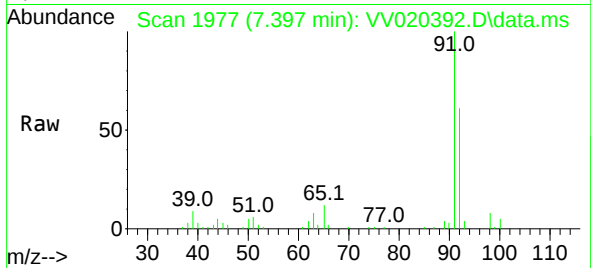
#42
Toluene
Concen: 0.22 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 91 Resp: 22884
Ion Ratio Lower Upper
91 100
92 61.2 40.5 75.1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

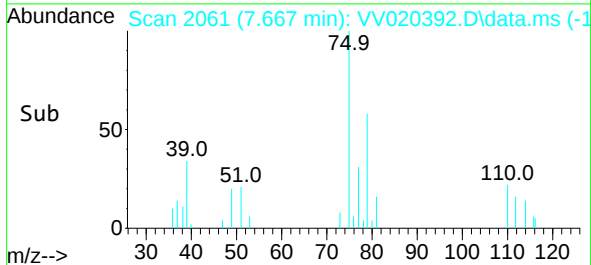
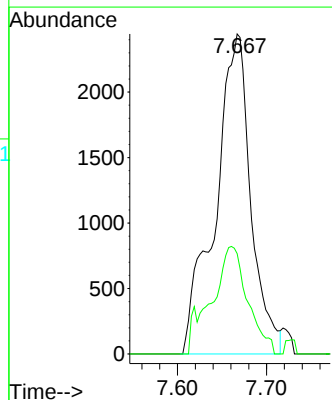
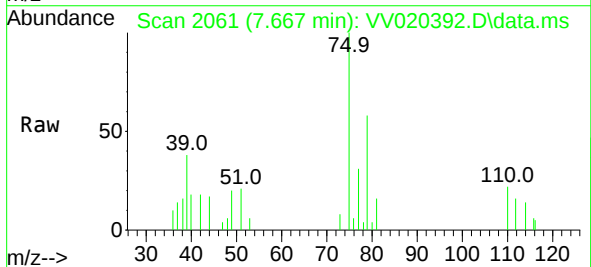
Manual Integrations
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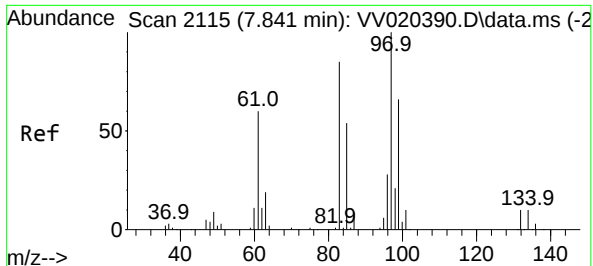
MMDadoda
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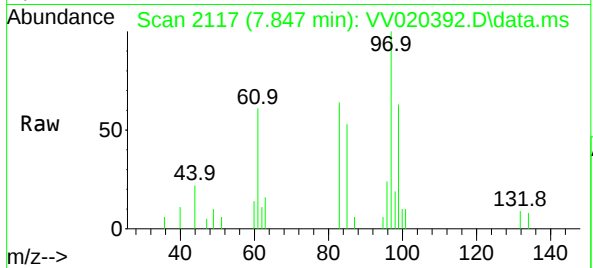
#44
trans-1,3-Dichloropropene
Concen: 0.27 ug/L
RT: 7.667 min Scan# 2061
Delta R.T. 0.013 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion: 75 Resp: 6767
Ion Ratio Lower Upper
75 100
77 31.4 22.9 42.5

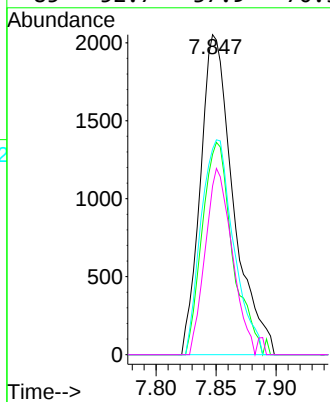




#45
1,1,2-Trichloroethane
Concen: 0.24 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



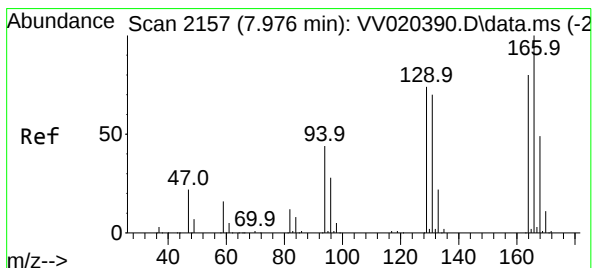
Tgt Ion:	97	Resp:	3917
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.1	81.9
83	64.3	59.4	110.4
85	52.7	37.9	70.5



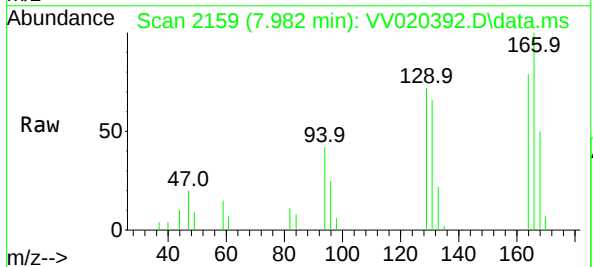
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
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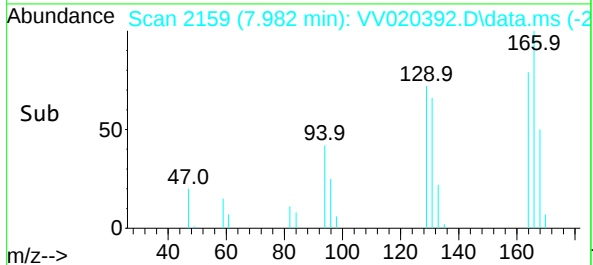
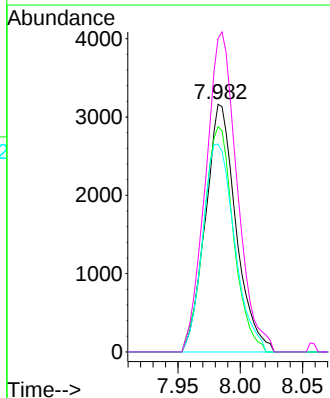
MMDadoda
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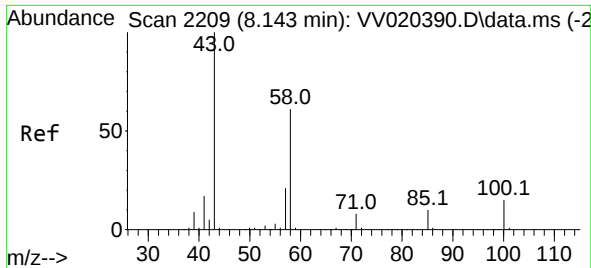


#47
Tetrachloroethene
Concen: 0.23 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



Tgt Ion:	164	Resp:	5391
Ion	Ratio	Lower	Upper
164	100		
129	91.0	65.0	120.6
131	83.9	61.8	114.8
166	126.5	88.1	163.5





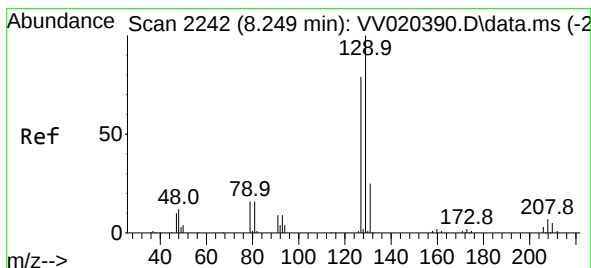
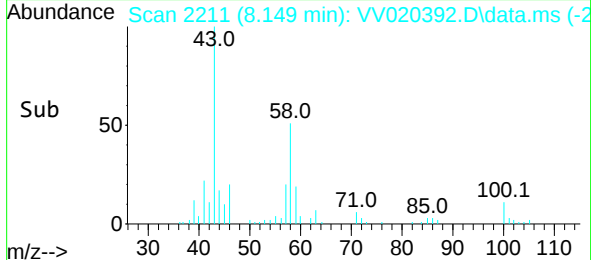
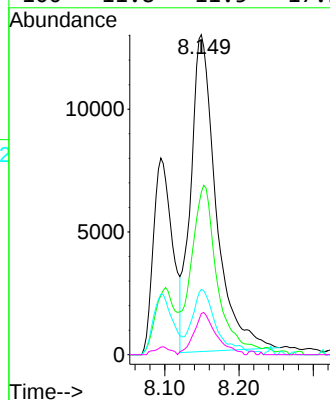
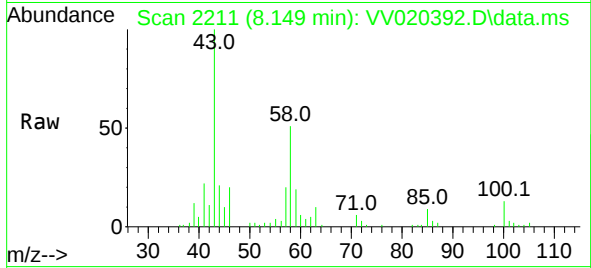
#48
2-Hexanone
Concen: 3.95 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion:	43	Resp:	30624
Ion	Ratio	Lower	Upper
43	100		
58	50.8	47.8	71.8
57	19.9	16.6	24.8
100	11.8	11.5	17.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

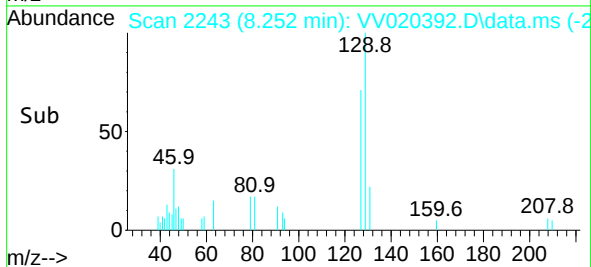
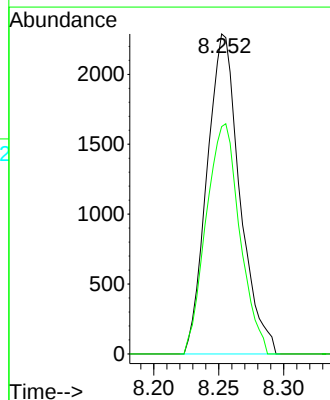
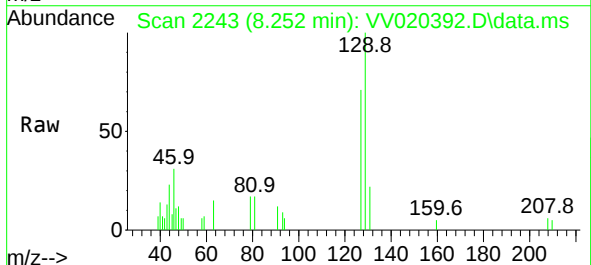
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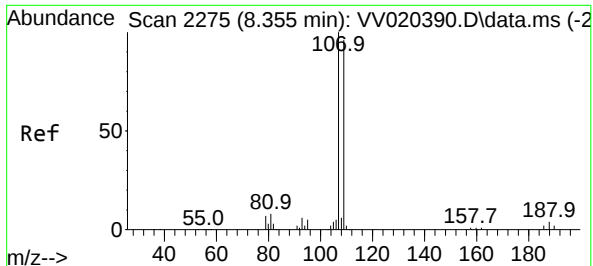
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#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

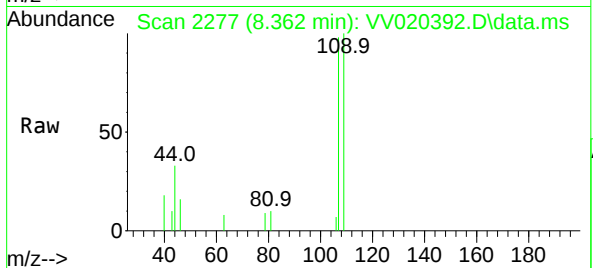
Tgt Ion:	129	Resp:	4017
Ion	Ratio	Lower	Upper
129	100		
127	71.0	53.6	99.6





#50
1,2-Dibromoethane
Concen: 0.20 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

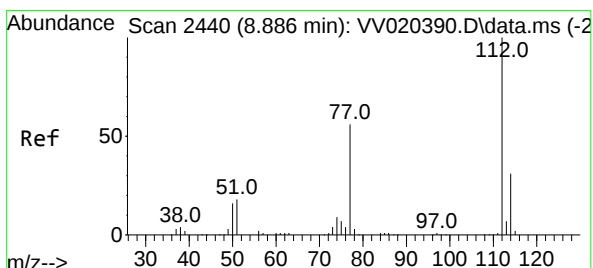
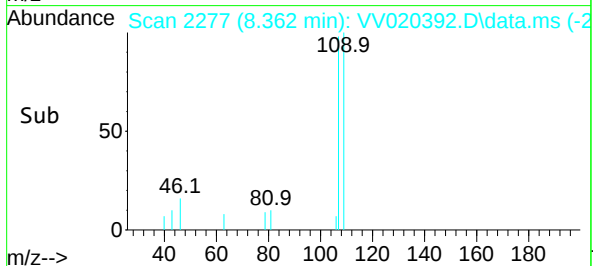
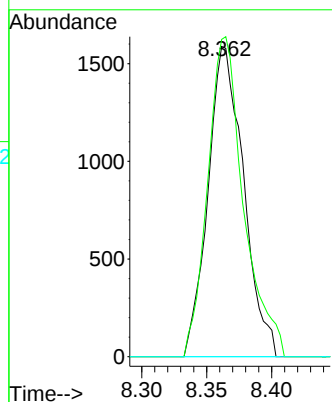
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04



Tgt Ion:107 Resp: 3021
Ion Ratio Lower Upper
107 100
109 102.3 66.6 123.8
188 0.0 3.3 4.9#

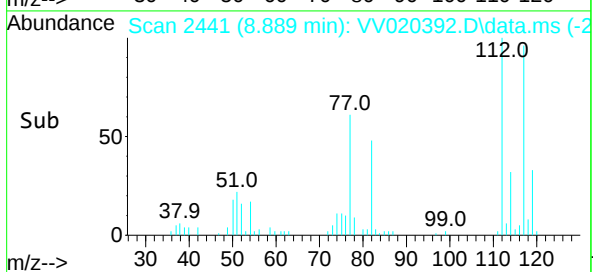
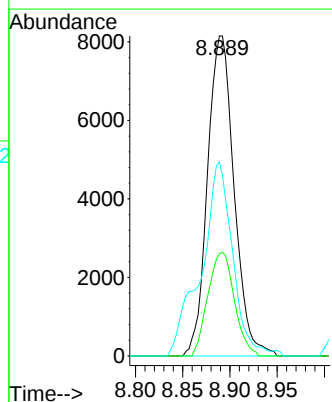
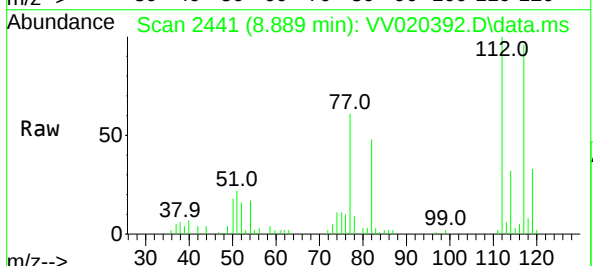
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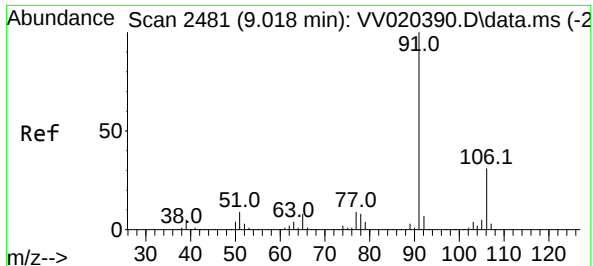
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#51
Chlorobenzene
Concen: 0.23 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion:112 Resp: 15974
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 60.7 45.0 67.4





#52

Ethylbenzene

Concen: 0.21 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.003 min

Lab File: VV020392.D

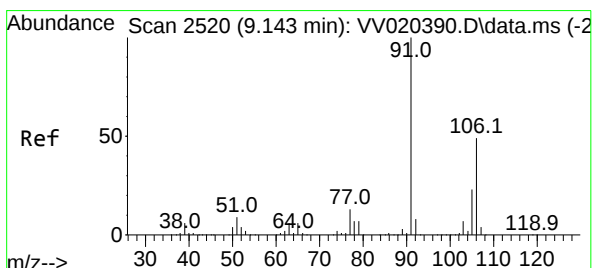
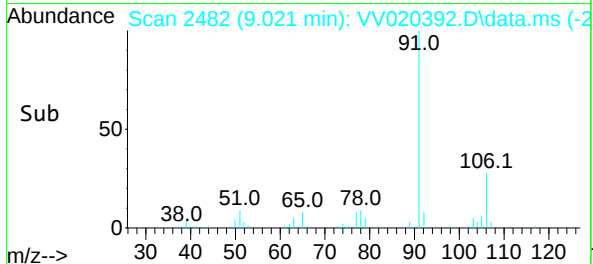
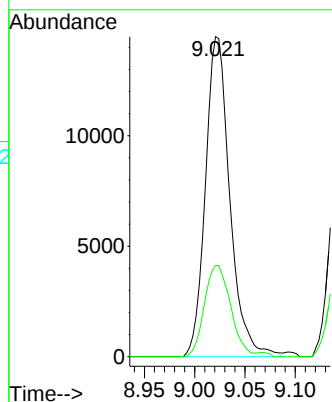
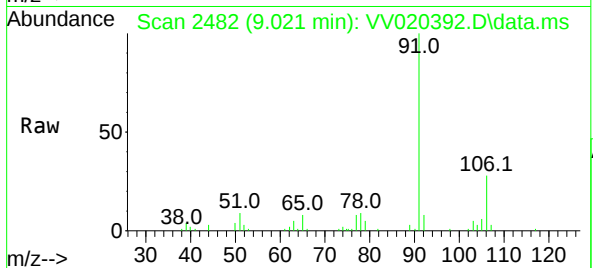
Acq: 24 Feb 2021 12:09

Tgt Ion: 91 Resp: 24427

Ion Ratio Lower Upper

91 100

106 28.5 21.6 40.2



#53

m,p-xylene

Concen: 0.22 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.006 min

Lab File: VV020392.D

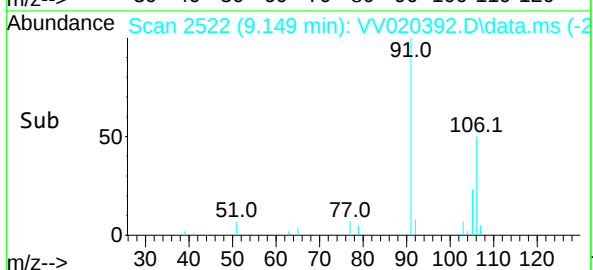
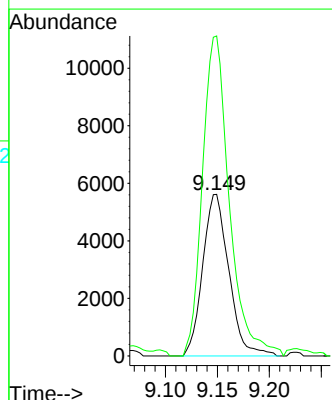
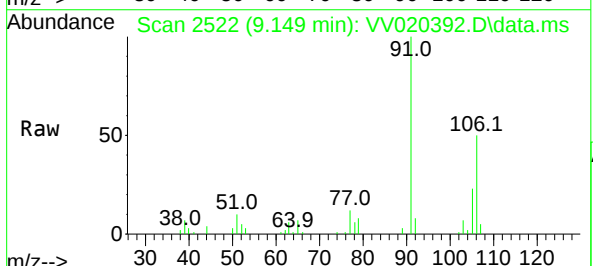
Acq: 24 Feb 2021 12:09

Tgt Ion: 106 Resp: 9820

Ion Ratio Lower Upper

106 100

91 198.0 141.3 262.3



Instrument :

MSVOA_V

ClientSampleId :

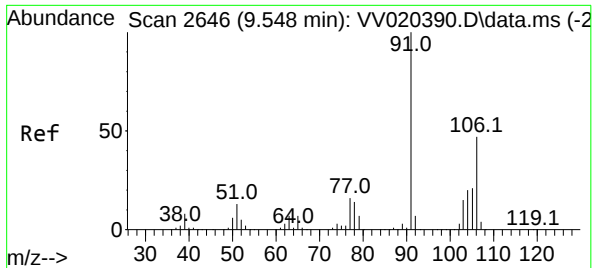
MDL-WATER-QT2-2021-04

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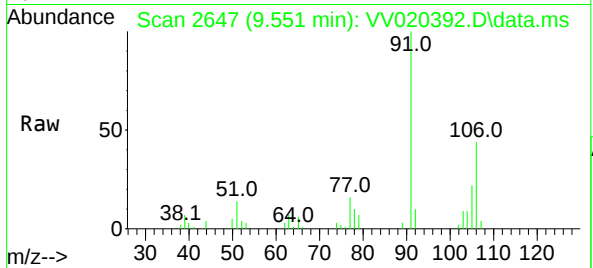
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#54
o-xylene
Concen: 0.19 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

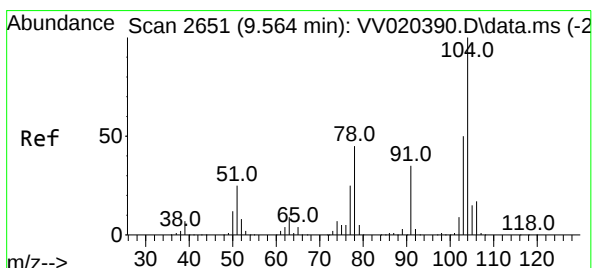
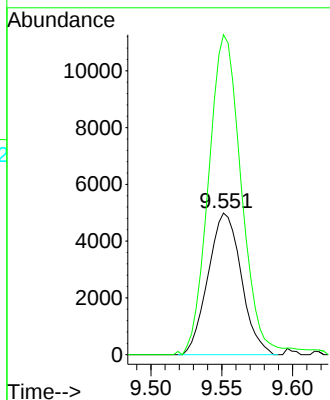
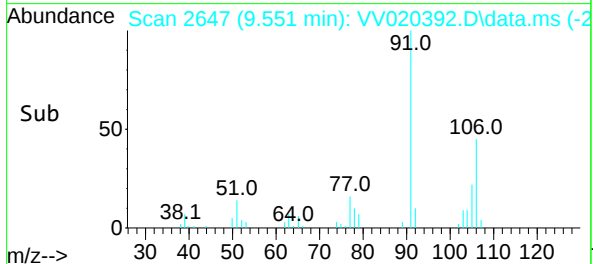
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04



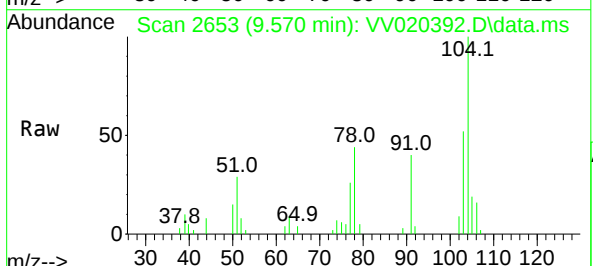
Tgt Ion:106 Resp: 8135
Ion Ratio Lower Upper
106 100
91 225.9 149.5 277.7

Manual Integrations
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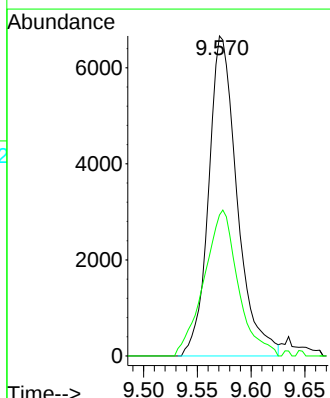
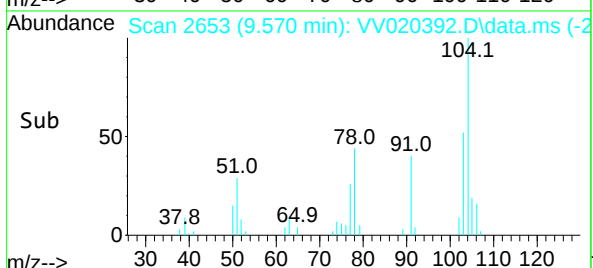
MMDadoda
3/1/2021 9:59:04 AM

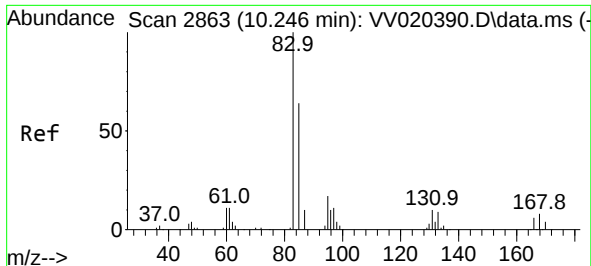


#55
Styrene
Concen: 0.17 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

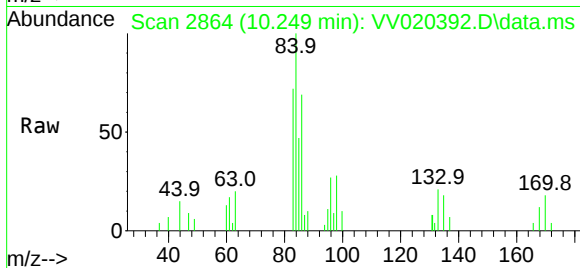


Tgt Ion:104 Resp: 12273
Ion Ratio Lower Upper
104 100
78 44.1 31.9 59.2

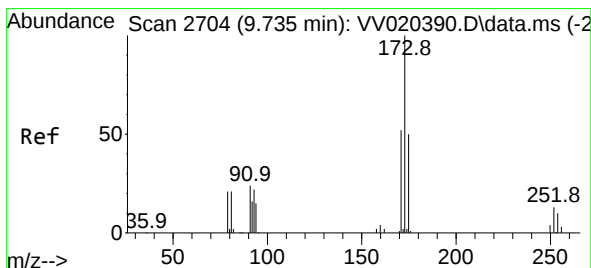
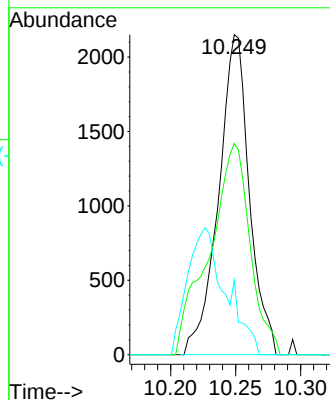
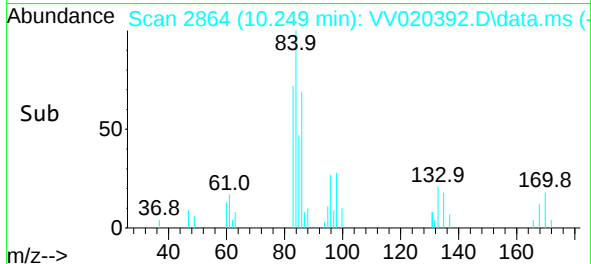




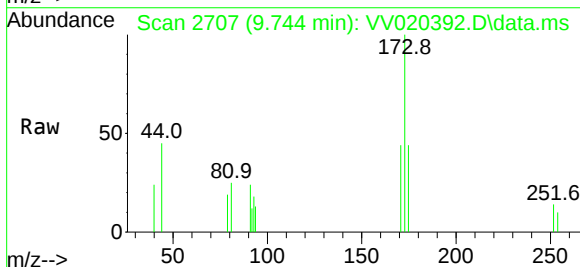
#57
1,1,2,2-Tetrachloroethane
Concen: 0.21 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



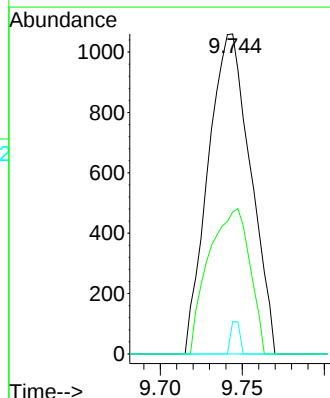
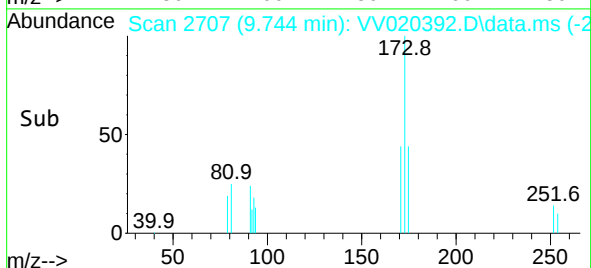
Tgt Ion: 83 Resp: 3542
Ion Ratio Lower Upper
83 100
85 66.0 44.6 82.8
131 23.2 8.4 12.6#



#59
Bromoform
Concen: 0.22 ug/L
RT: 9.744 min Scan# 2707
Delta R.T. 0.009 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



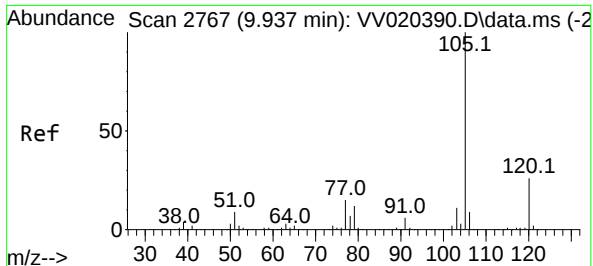
Tgt Ion: 173 Resp: 1897
Ion Ratio Lower Upper
173 100
175 44.1 38.9 58.3
254 2.2 8.3 12.5#



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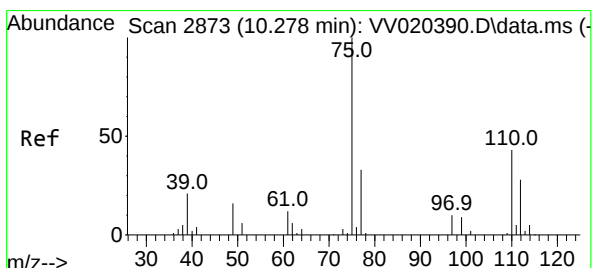
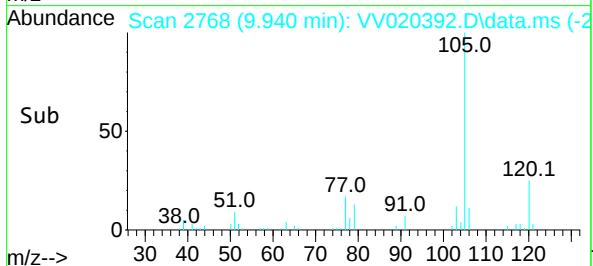
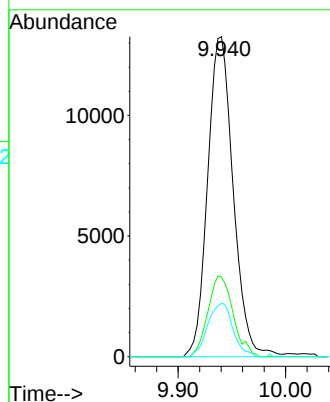
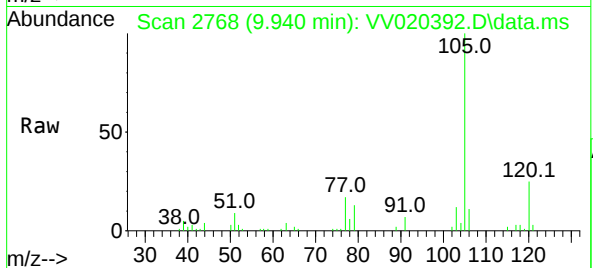
#60
Isopropylbenzene
Concen: 0.21 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VV020392.D
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Tgt Ion:	105	Resp:	21853
Ion Ratio	Lower	Upper	
105	100		
120	24.9	21.7	32.5
77	16.4	12.3	18.5

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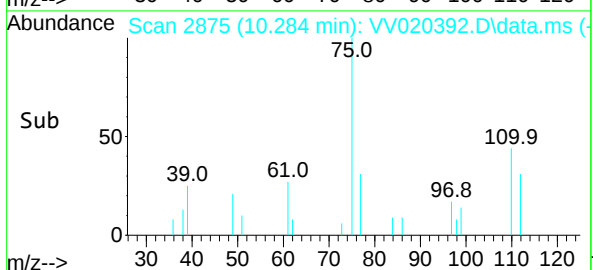
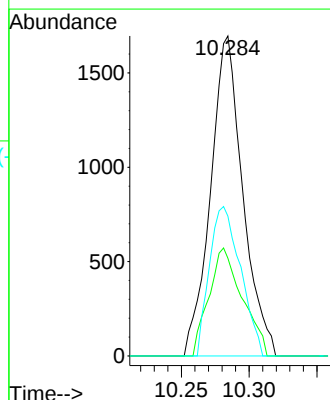
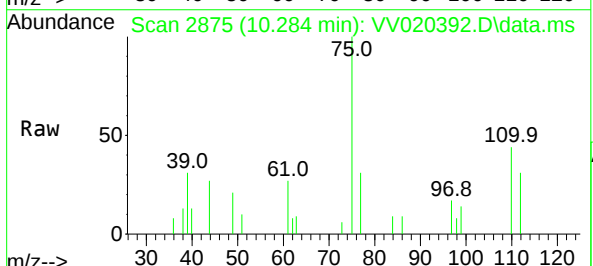
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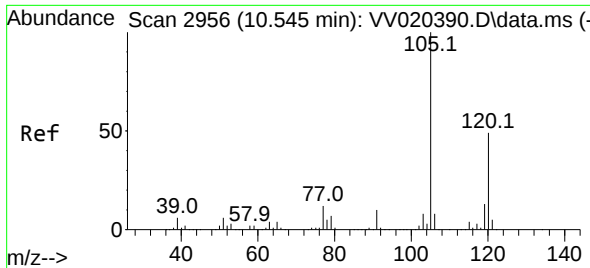
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#61
1,2,3-Trichloropropane
Concen: 0.23 ug/L
RT: 10.284 min Scan# 2875
Delta R.T. 0.006 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion:	75	Resp:	2803
Ion Ratio	Lower	Upper	
75	100		
77	35.0	26.1	39.1
110	45.0	33.2	49.8





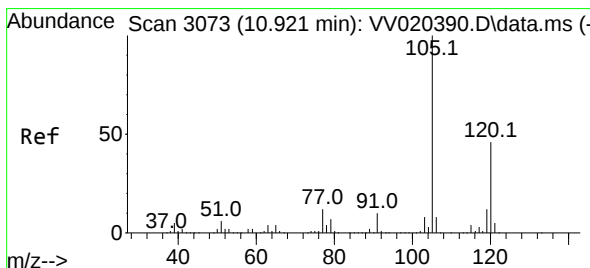
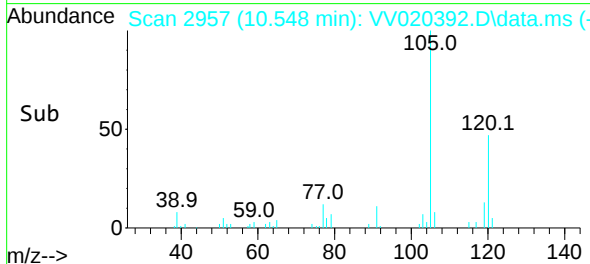
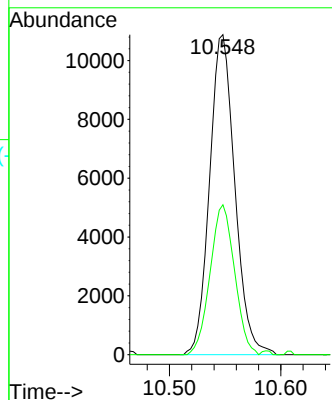
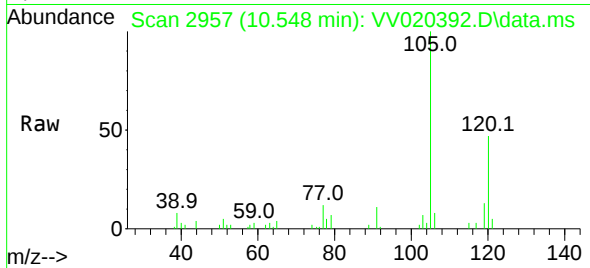
#62
1,3,5-Trimethylbenzene
Concen: 0.20 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion:105 Resp: 17160
Ion Ratio Lower Upper
105 100
120 45.4 39.4 59.0

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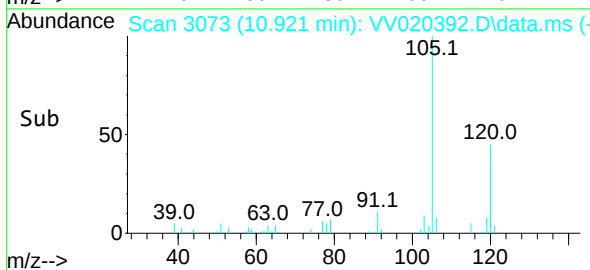
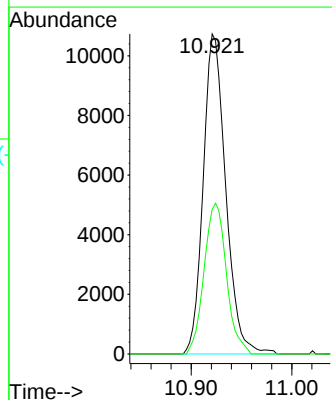
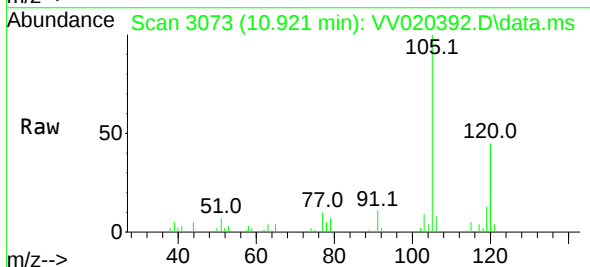
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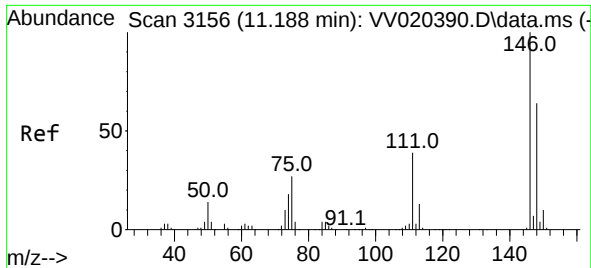
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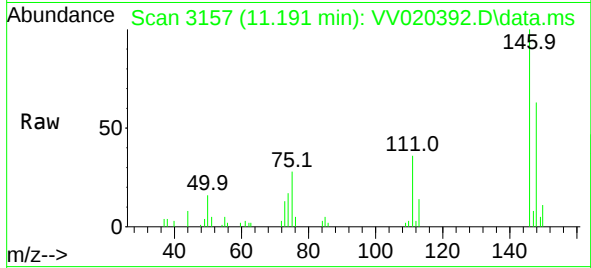
#63
1,2,4-Trimethylbenzene
Concen: 0.20 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020392.D
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Tgt Ion:105 Resp: 16676
Ion Ratio Lower Upper
105 100
120 46.7 36.7 55.1

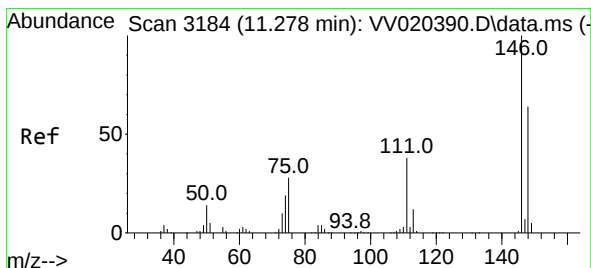
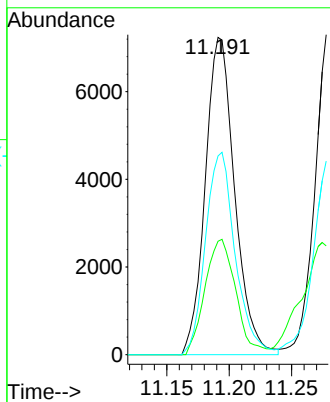
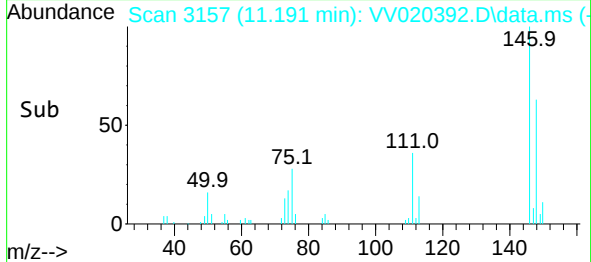




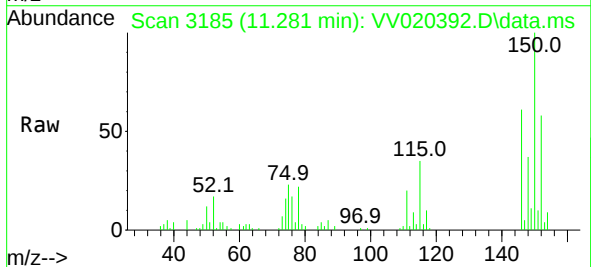
#64
1,3-Dichlorobenzene
Concen: 0.23 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



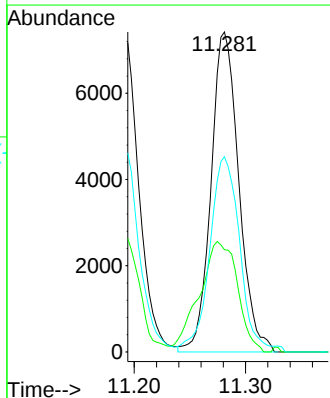
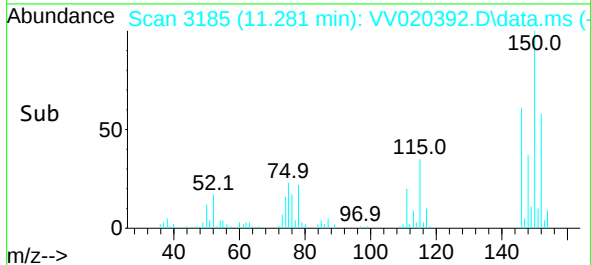
Tgt Ion:146 Resp: 11893
Ion Ratio Lower Upper
146 100
111 35.7 26.8 49.8
148 62.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 0.24 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09



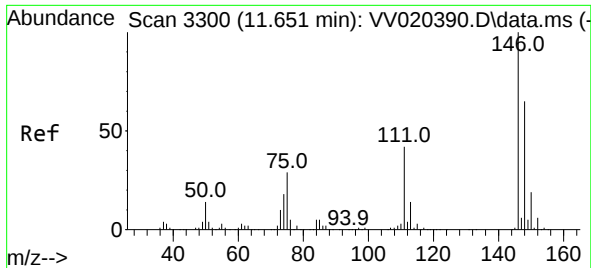
Tgt Ion:146 Resp: 12889
Ion Ratio Lower Upper
146 100
111 32.0 25.8 47.8
148 61.0 43.9 81.5



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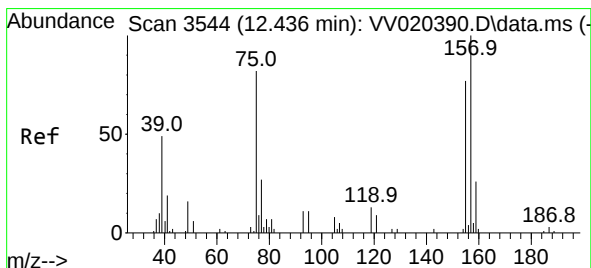
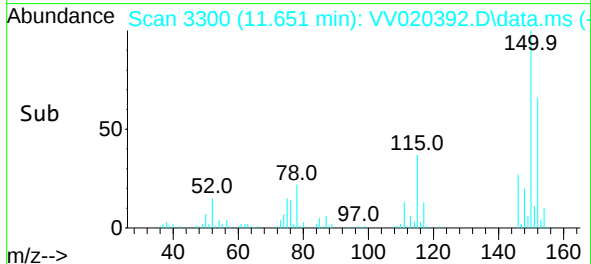
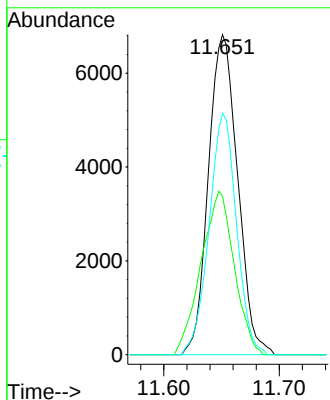
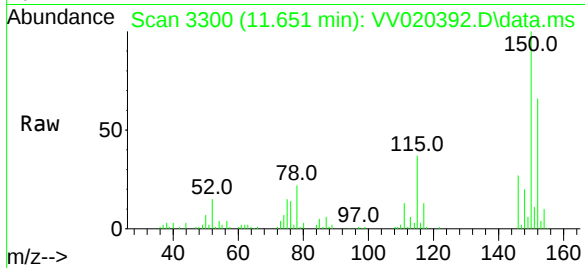
#67
1,2-Dichlorobenzene
Concen: 0.25 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.5	32.6	49.0#
148	75.4	50.8	76.2

Instrument :
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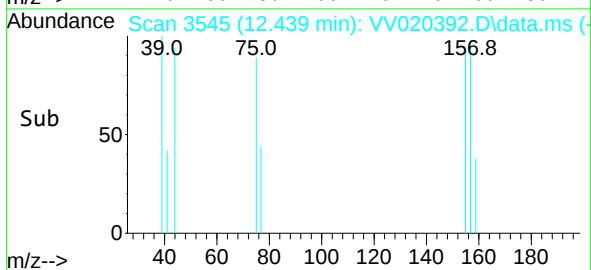
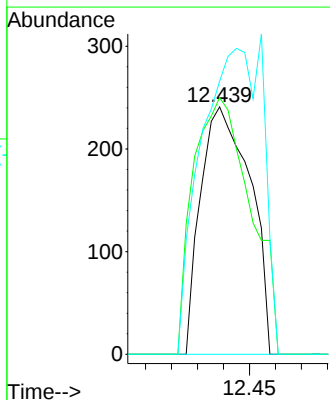
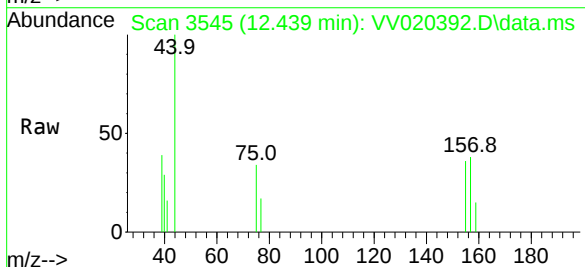
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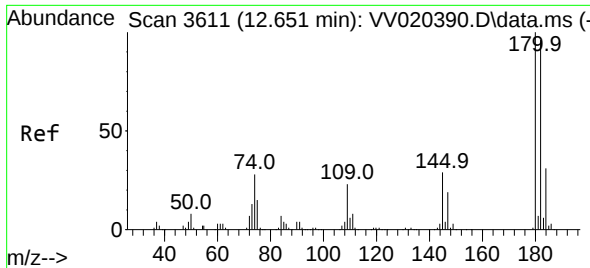
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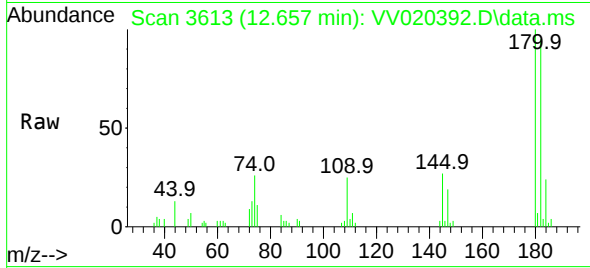
#68
1,2-Dibromo-3-chloropropane
Concen: 0.15 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.7	72.8	109.2
157	110.4	94.7	142.1

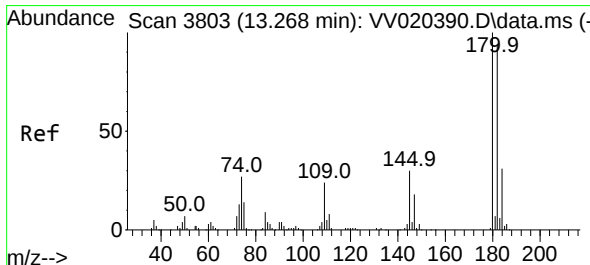
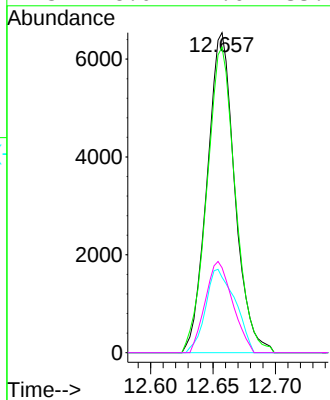
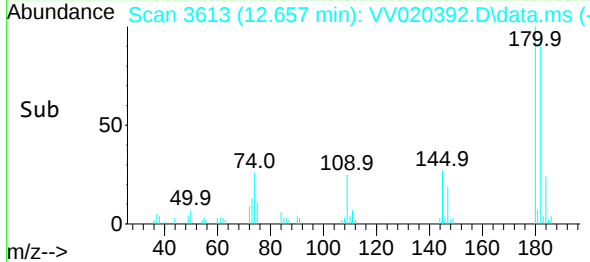




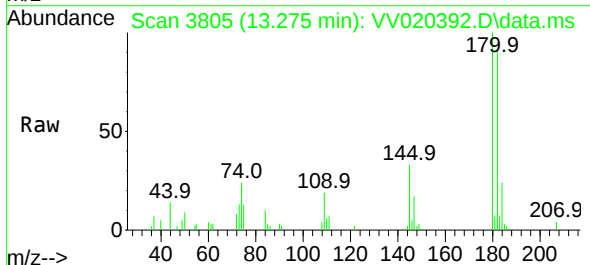
#69
 1,3,5-Trichlorobenzene
 Concen: 0.24 ug/L
 RT: 12.657 min Scan# 3613
 Delta R.T. 0.006 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09



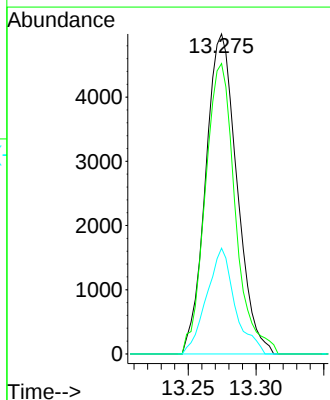
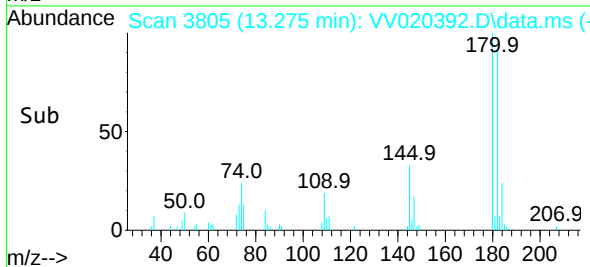
Tgt Ion:180 Resp: 10089
 Ion Ratio Lower Upper
 180 100
 182 97.6 75.6 113.4
 184 27.8 24.4 36.6
 145 28.0 22.6 33.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.23 ug/L
 RT: 13.275 min Scan# 3805
 Delta R.T. 0.006 min
 Lab File: VV020392.D
 Acq: 24 Feb 2021 12:09



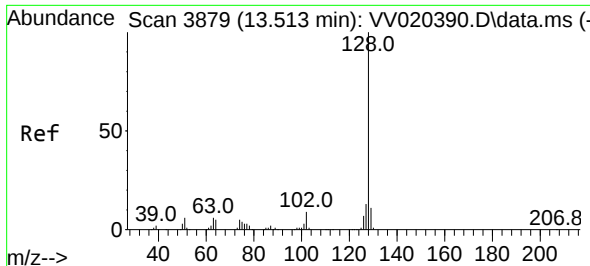
Tgt Ion:180 Resp: 7990
 Ion Ratio Lower Upper
 180 100
 182 87.0 75.7 113.5
 145 29.9 23.0 34.4



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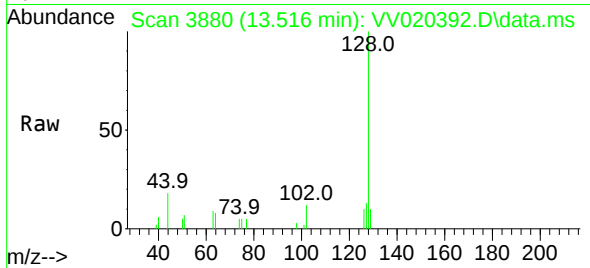
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#71
Naphthalene
Concen: 0.17 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.003 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

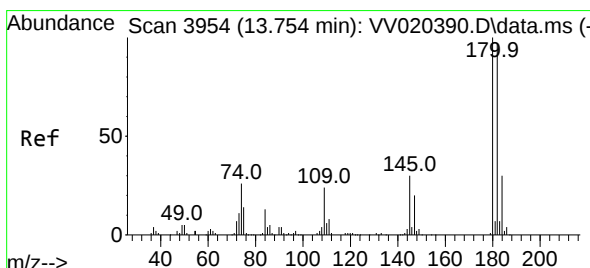
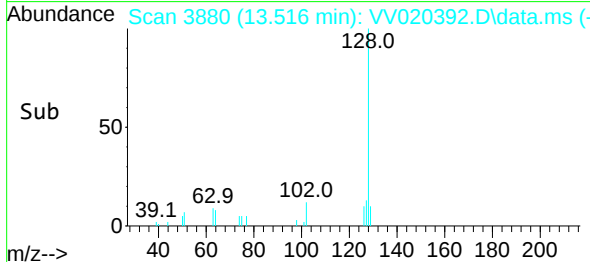
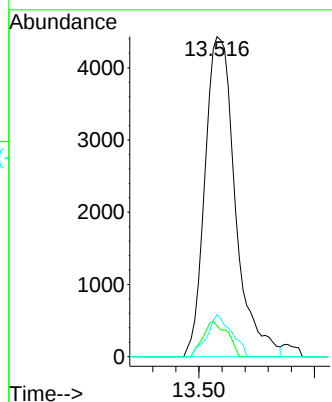
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:128 Resp: 8087
Ion Ratio Lower Upper
128 100
129 8.8 8.6 13.0
127 10.6 10.4 15.6

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#72
1,2,3-Trichlorobenzene
Concen: 0.22 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020392.D
Acq: 24 Feb 2021 12:09

Tgt Ion:180 Resp: 6575
Ion Ratio Lower Upper
180 100
182 90.5 75.9 113.9
145 28.7 24.6 37.0

