

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021893.D
 Acq On : 11 May 2021 12:55
 Operator : JC/MD
 Sample : M2250-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 11:24:53 AM

Quant Time: May 12 03:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	91318	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	82078	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37980	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30838	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.672	69	25623	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.307	63	39432	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.471	46	81938	45.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.70%
24) Chloroform-d	5.062	84	54410	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.964	65	28909	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.983	84	115170	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	7.312	67	35638	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	8.653	98	103793	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloroprop...	8.952	79	15476	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	9.384	63	69911	43.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.32%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26763	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
66) 1,2-Dichlorobenzene-d4	12.323	152	34201	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1523	0.19	ug/L	94
3) Chloromethane	1.288	50	1758	0.21	ug/L #	78
5) Vinyl chloride	1.368	62	1812	0.20	ug/L #	81
6) Bromomethane	1.618	94	1100	0.23	ug/L	99
8) Chloroethane	1.691	64	1220m	0.23	ug/L	
9) Trichlorofluoromethane	1.892	101	2382	0.20	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1770	0.26	ug/L #	88
12) 1,1-Dichloroethene	2.319	96	1687	0.26	ug/L #	1
13) Acetone	2.398	43	2695	2.95	ug/L	92
14) Carbon disulfide	2.514	76	4285	0.20	ug/L	96
15) Methyl Acetate	2.709	43	1162	0.40	ug/L #	56
16) Methylene chloride	2.788	84	2764	0.31	ug/L	90
17) Methyl tert-butyl Ether	3.111	73	2929	0.18	ug/L #	78
18) trans-1,2-Dichloroethene	3.093	96	1269	0.18	ug/L	79
19) 1,1-Dichloroethane	3.611	63	2248	0.18	ug/L #	75
21) 2-Butanone	4.574	43	3399	2.02	ug/L	85
22) cis-1,2-Dichloroethene	4.489	96	1493	0.19	ug/L	99
23) Bromochloromethane	4.904	128	552	0.18	ug/L #	66
25) Chloroform	5.093	83	2935	0.23	ug/L	94

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Quant Time: May 12 03:39:18 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	1398	0.19	ug/L #	84
29) 1,1,1-Trichloroethane	5.397	97	2154	0.19	ug/L	95
30) Cyclohexane	5.477	56	2617	0.22	ug/L #	86
31) Carbon tetrachloride	5.684	117	1706	0.18	ug/L	99
33) Benzene	6.044	78	5552	0.20	ug/L	100
34) Trichloroethene	7.135	95	1518	0.21	ug/L #	80
35) Methylcyclohexane	7.385	83	2443	0.19	ug/L	95
37) 1,2-Dichloropropane	7.440	63	1419	0.21	ug/L #	85
38) Bromodichloromethane	7.824	83	1707	0.19	ug/L #	90
39) cis-1,3-Dichloropropene	8.372	75	1850	0.17	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	8143	1.90	ug/L #	87
42) Toluene	8.726	91	7396	0.25	ug/L	92
44) trans-1,3-Dichloropropene	8.982	75	2217m	0.25	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	956	0.20	ug/L #	80
47) Tetrachloroethene	9.281	164	961	0.19	ug/L	75
48) 2-Hexanone	9.433	43	6543	2.19	ug/L #	93
49) Dibromochloromethane	9.531	129	924	0.17	ug/L #	69
50) 1,2-Dibromoethane	9.616	107	865	0.20	ug/L #	89
51) Chlorobenzene	10.079	112	3797	0.20	ug/L	92
52) Ethylbenzene	10.195	91	7153	0.21	ug/L	94
53) m,p-xylene	10.305	106	3473	0.27	ug/L	97
54) o-xylene	10.646	106	2898	0.23	ug/L	89
55) Styrene	10.659	104	3890	0.19	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.220	83	1288	0.23	ug/L #	90
59) Bromoform	10.811	173	482	0.19	ug/L #	95
60) Isopropylbenzene	10.970	105	5996	0.19	ug/L #	93
61) 1,2,3-Trichloropropane	11.250	75	821	0.21	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.457	105	5339	0.20	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	7126	0.25	ug/L	91
64) 1,3-Dichlorobenzene	11.976	146	2655	0.20	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	2843	0.22	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	2873	0.24	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	175	0.19	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.116	180	1730	0.18	ug/L	94
70) 1,2,4-trichlorobenzene	13.597	180	1638	0.20	ug/L	95
71) Naphthalene	13.780	128	3405	0.20	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	1287	0.18	ug/L	92

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

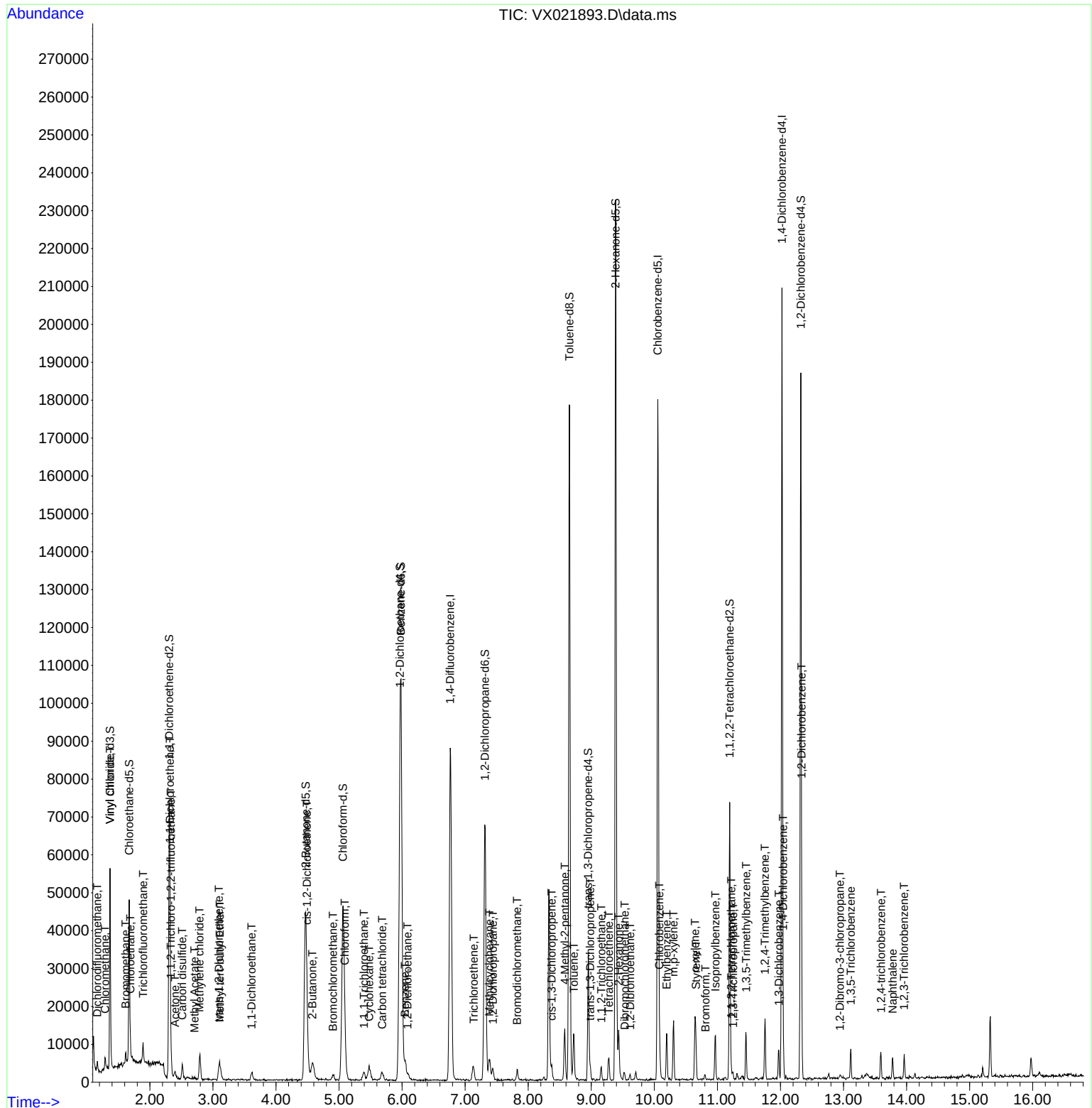
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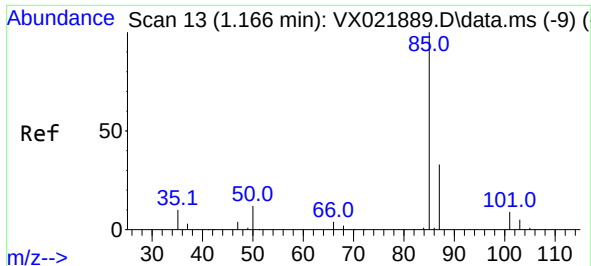
Instrument :
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ClientSampleId :
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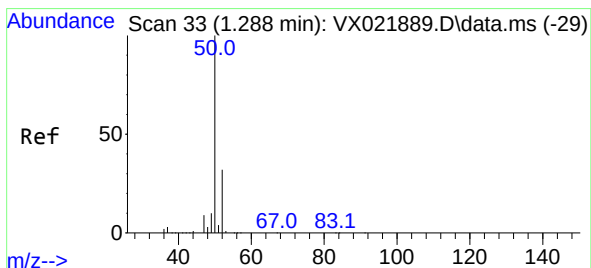
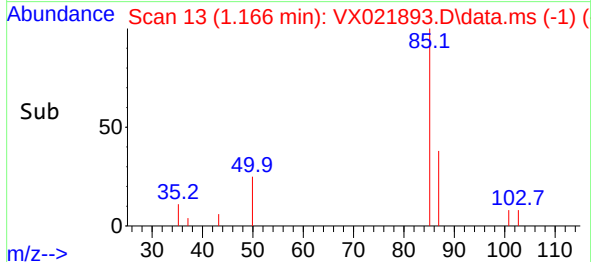
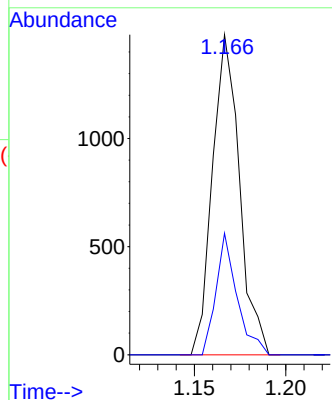
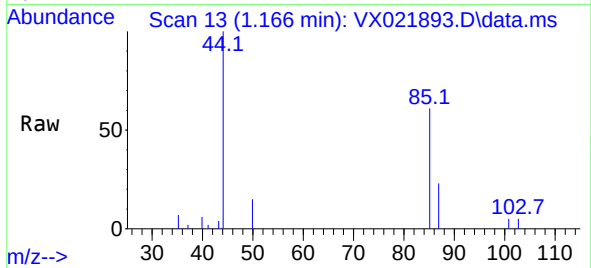
#2
Dichlorodifluoromethane
Concen: 0.19 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 85 Resp: 1523
Ion Ratio Lower Upper
85 100
87 29.5 26.4 39.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

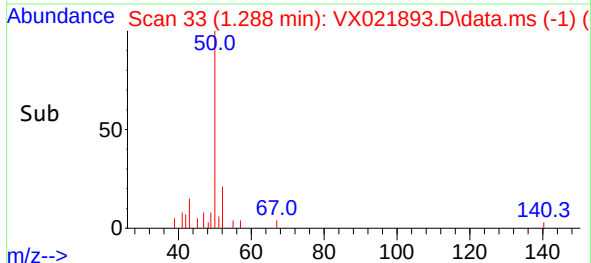
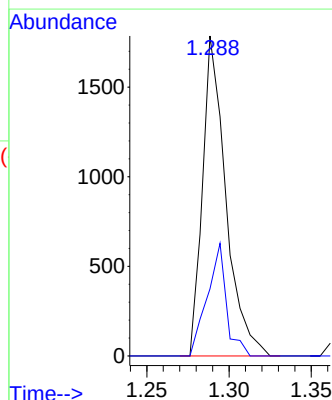
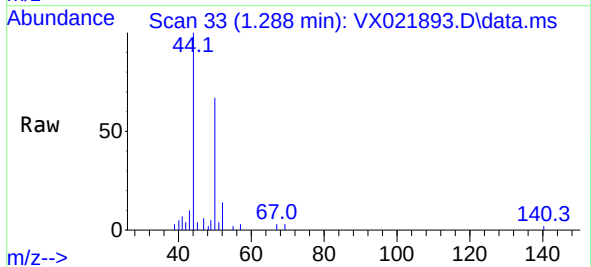
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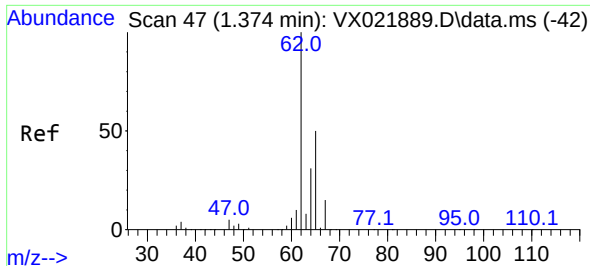
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#3
Chloromethane
Concen: 0.21 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 50 Resp: 1758
Ion Ratio Lower Upper
50 100
52 20.9 23.3 43.3#





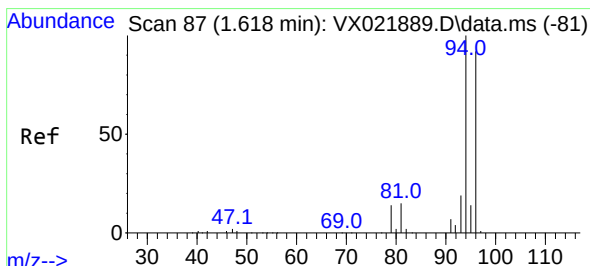
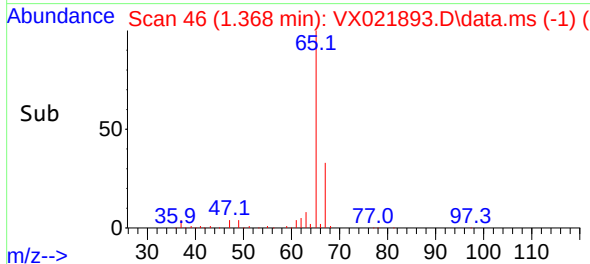
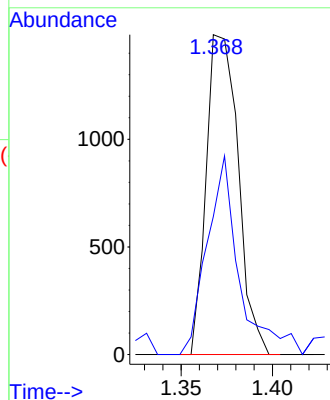
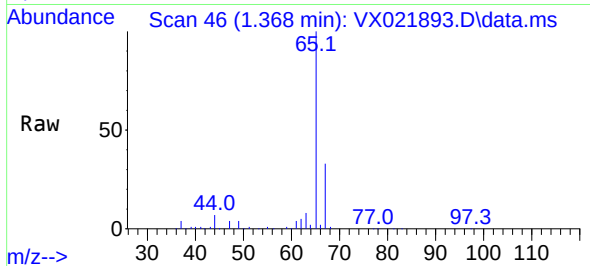
#5
 Vinyl chloride
 Concen: 0.20 ug/L
 RT: 1.368 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: VX021893.D
 Acq: 11 May 2021 12:55

Tgt Ion: 62 Resp: 1812
 Ion Ratio Lower Upper
 62 100
 64 43.1 22.7 42.1#

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-05

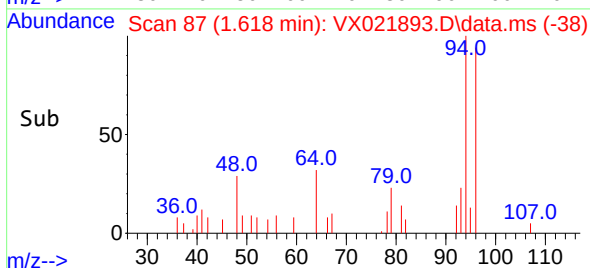
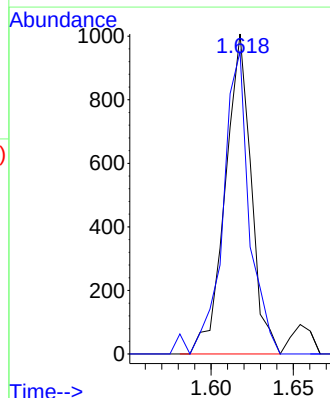
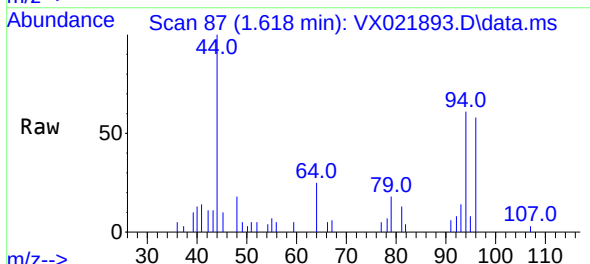
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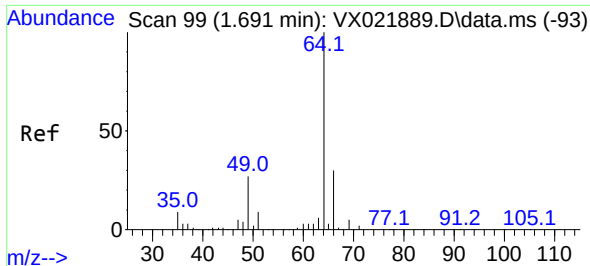
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#6
 Bromomethane
 Concen: 0.23 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX021893.D
 Acq: 11 May 2021 12:55

Tgt Ion: 94 Resp: 1100
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.3 121.3





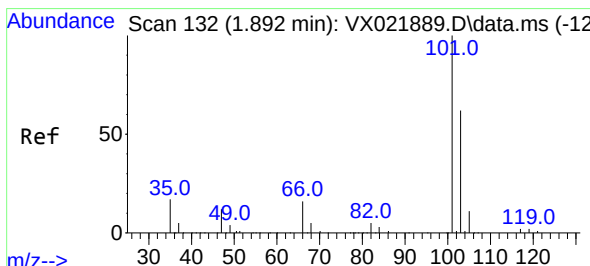
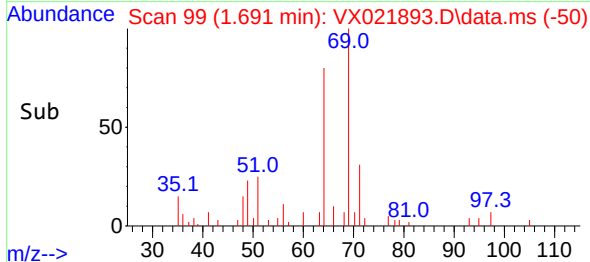
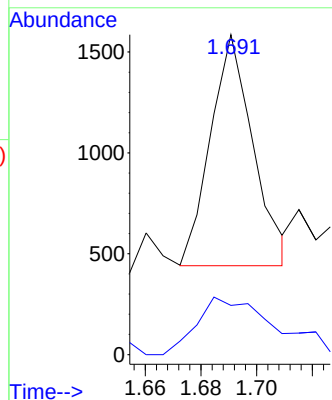
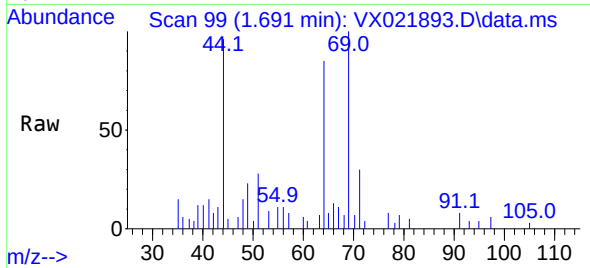
#8
Chloroethane
Concen: 0.23 ug/L m
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 64 Resp: 1220
Ion Ratio Lower Upper
64 100
66 15.4 23.6 43.8#

Instrument :
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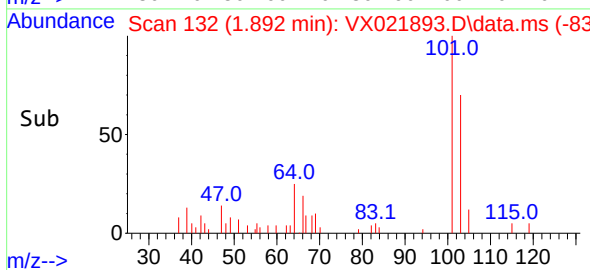
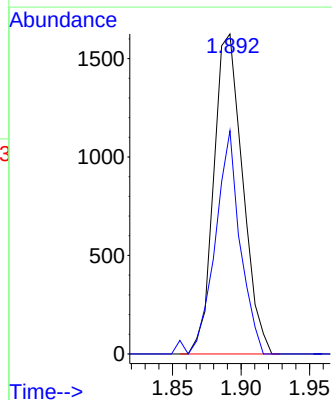
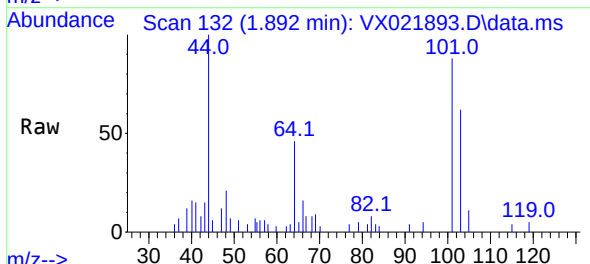
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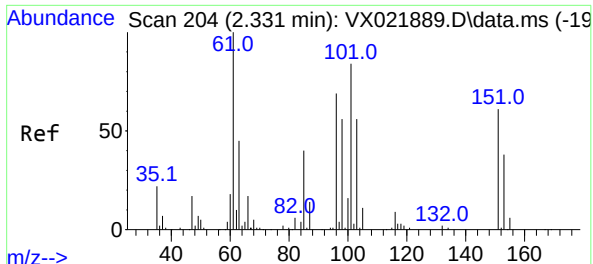
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#9
Trichlorofluoromethane
Concen: 0.20 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

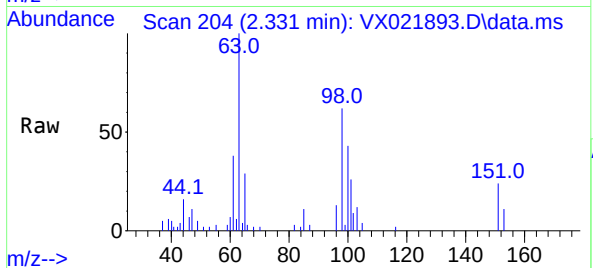
Tgt Ion: 101 Resp: 2382
Ion Ratio Lower Upper
101 100
103 60.5 52.6 79.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.26 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

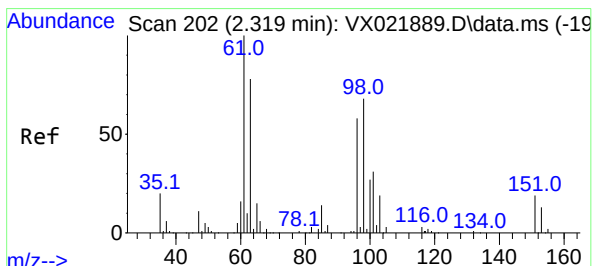
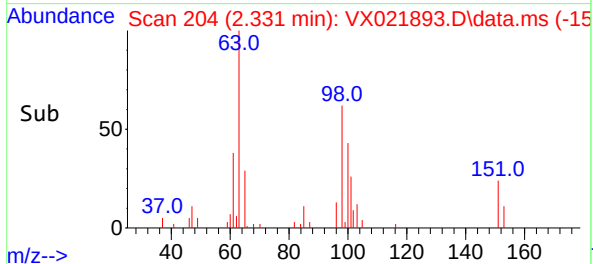
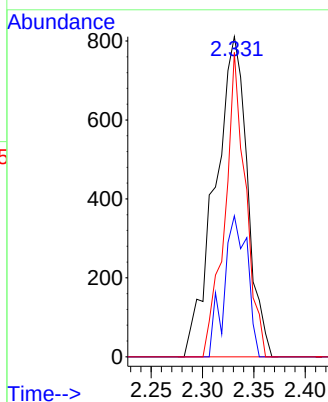
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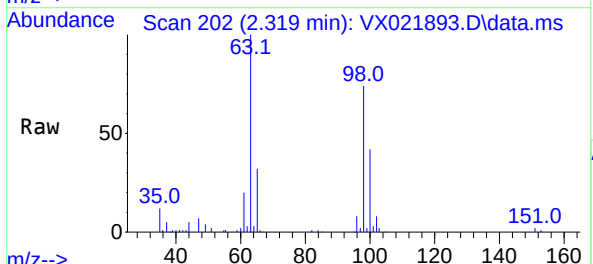
Tgt Ion:101 Resp: 1770
Ion Ratio Lower Upper
101 100
85 31.5 35.5 53.3#
151 61.2 53.4 80.2

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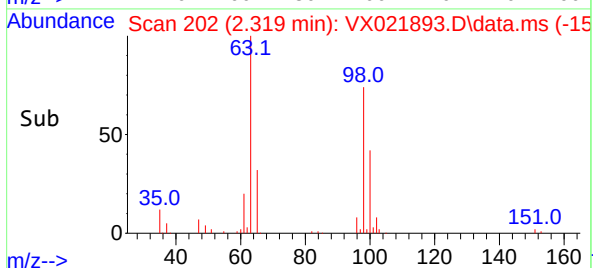
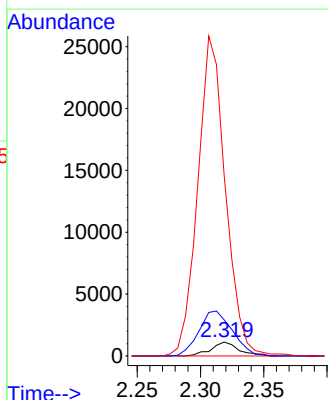
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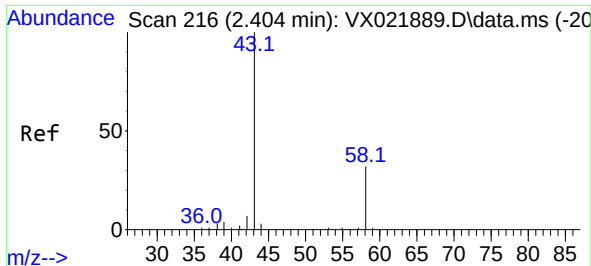


#12
1,1-Dichloroethene
Concen: 0.26 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

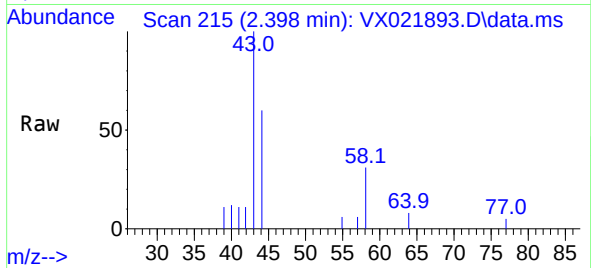


Tgt Ion: 96 Resp: 1687
Ion Ratio Lower Upper
96 100
61 258.4 106.3 197.3#
63 1295.4 65.0 120.8#

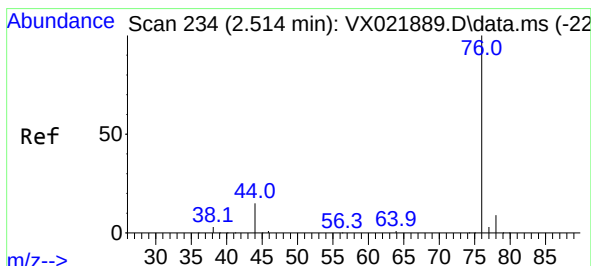
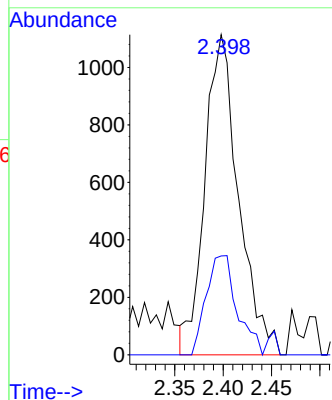
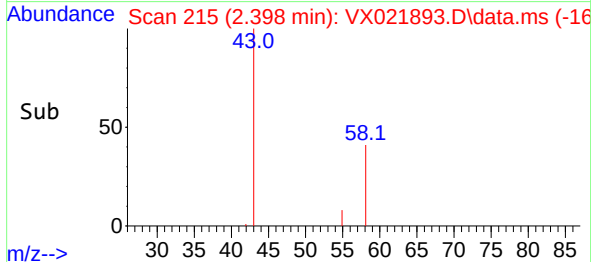




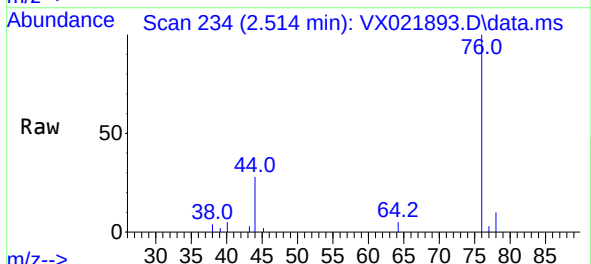
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Acetone
Concen: 2.95 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
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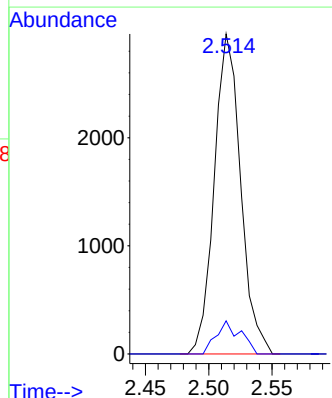
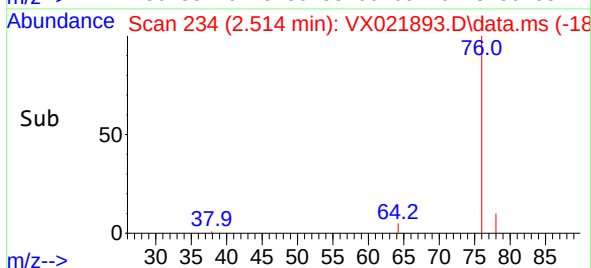
Tgt Ion: 43 Resp: 2695
Ion Ratio Lower Upper
43 100
58 28.4 0.0 66.4



#14
Carbon disulfide
Concen: 0.20 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55



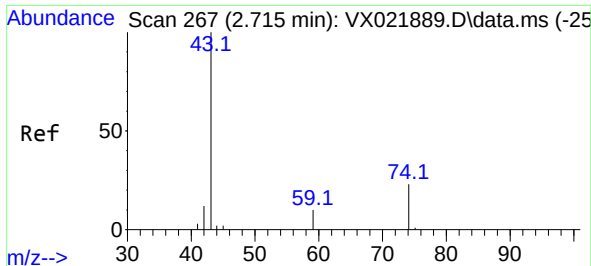
Tgt Ion: 76 Resp: 4285
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

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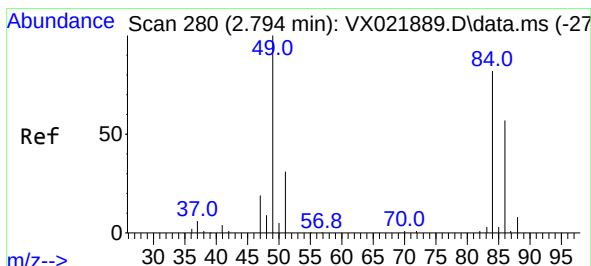
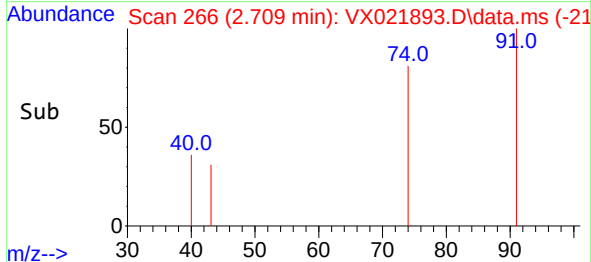
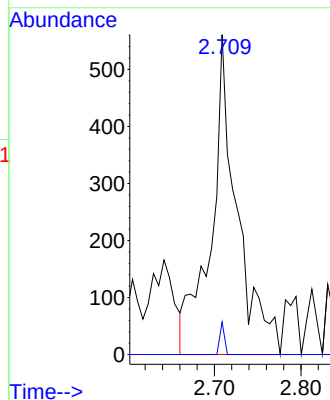
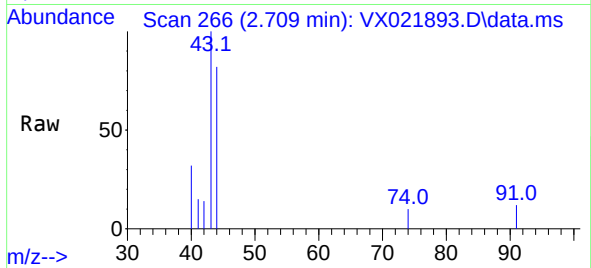
#15
Methyl Acetate
Concen: 0.40 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
74 1.8 18.7 28.1#

Instrument :
MSVOA_X
ClientSampleId :
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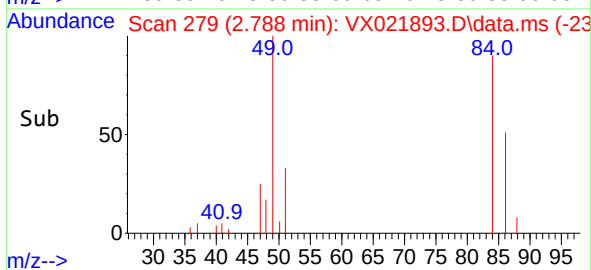
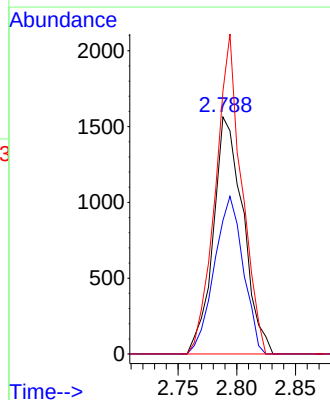
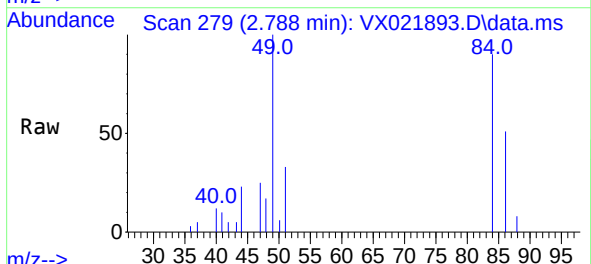
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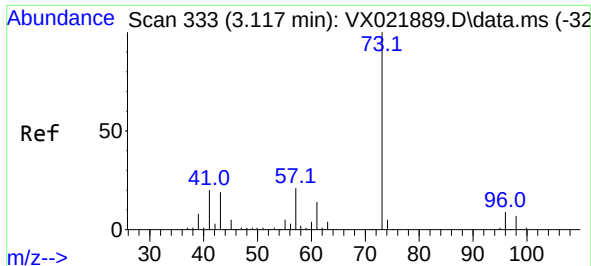
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#16
Methylene chloride
Concen: 0.31 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 84 Resp: 2764
Ion Ratio Lower Upper
84 100
86 56.4 46.3 86.1
49 110.8 84.4 156.7





#17

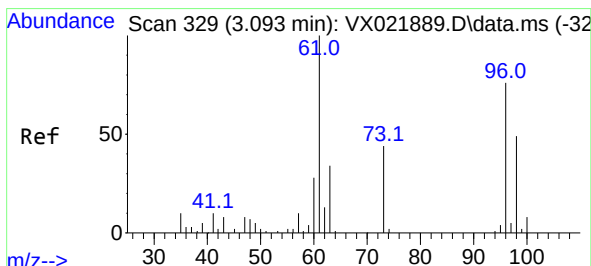
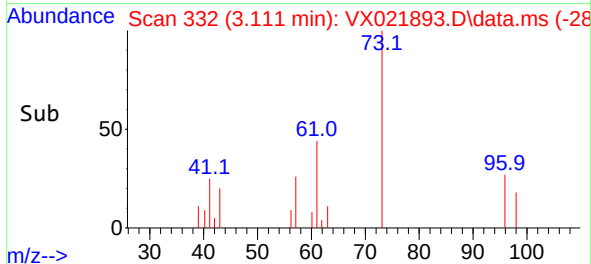
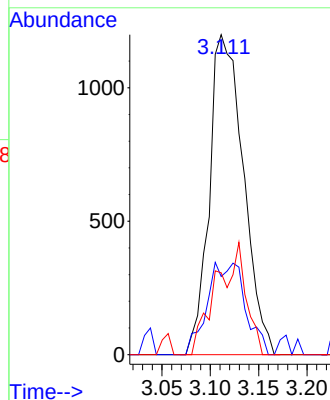
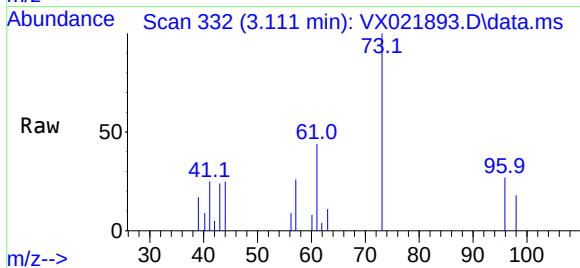
Methyl tert-butyl Ether
Concen: 0.18 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 73	Resp: 2929
Ion Ratio	Lower Upper
73 100	
43 32.2	16.5 24.7#
57 30.7	17.1 25.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

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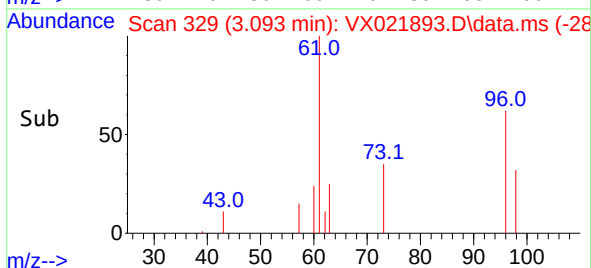
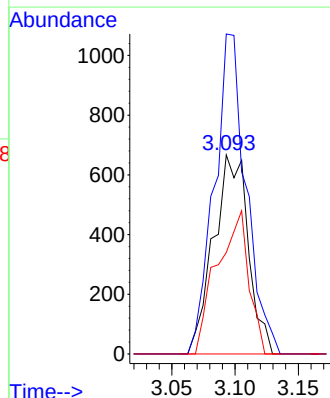
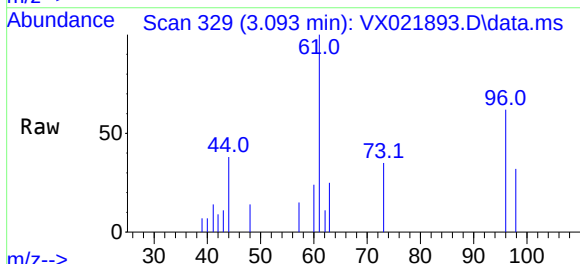
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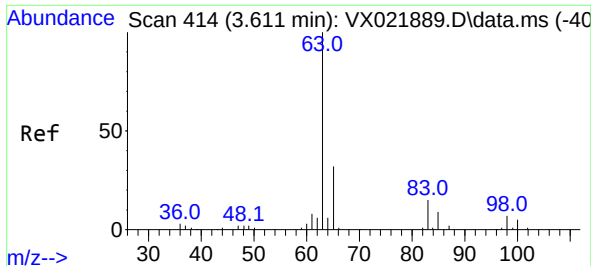


#18

trans-1,2-Dichloroethene
Concen: 0.18 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 96	Resp: 1269
Ion Ratio	Lower Upper
96 100	
61 160.7	93.0 172.8
98 51.0	44.8 83.2





#19

1,1-Dichloroethane

Concen: 0.18 ug/L

RT: 3.611 min Scan# 414

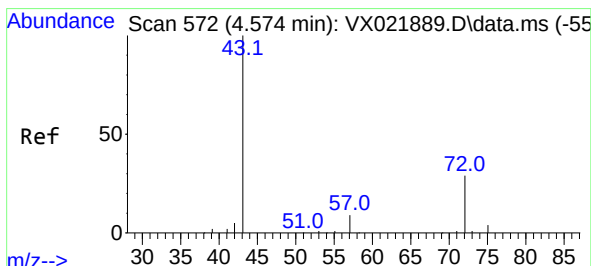
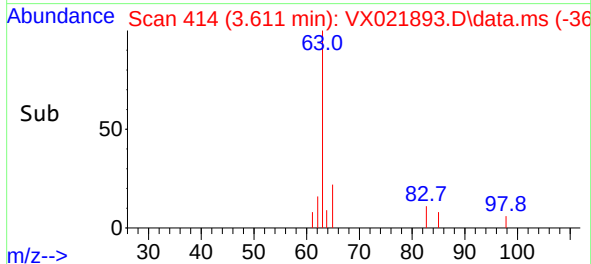
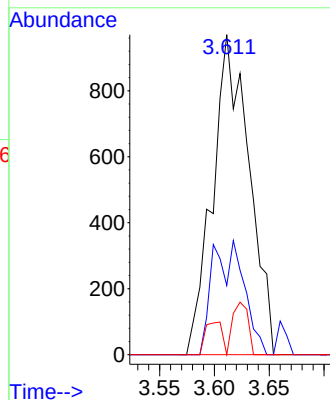
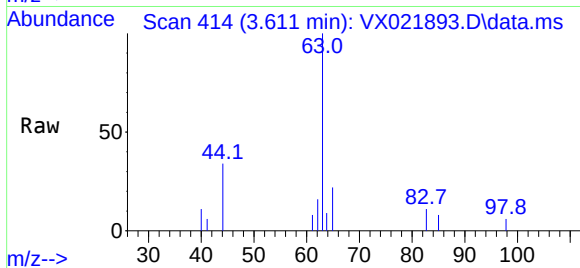
Delta R.T. 0.000 min

Lab File: VX021893.D

Acq: 11 May 2021 12:55

Tgt Ion: 63 Resp: 2248

Ion	Ratio	Lower	Upper
63	100		
65	19.8	22.5	41.9#
83	0.0	8.7	16.1#



#21

2-Butanone

Concen: 2.02 ug/L

RT: 4.574 min Scan# 572

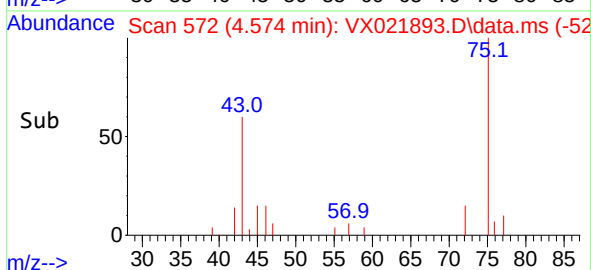
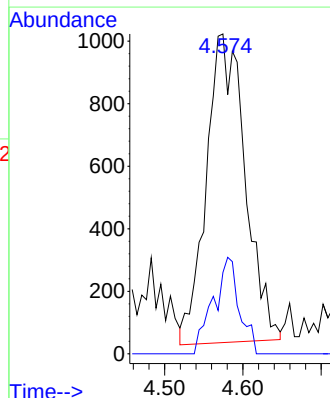
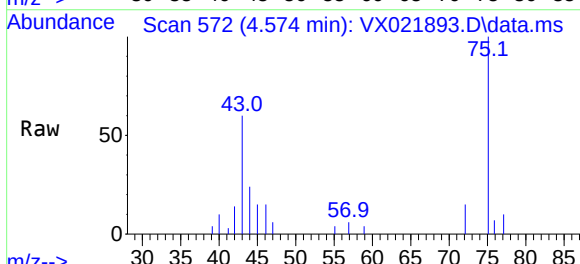
Delta R.T. 0.000 min

Lab File: VX021893.D

Acq: 11 May 2021 12:55

Tgt Ion: 43 Resp: 3399

Ion	Ratio	Lower	Upper
43	100		
72	20.9	14.4	43.2



Instrument :

MSVOA_X

ClientSampleId :

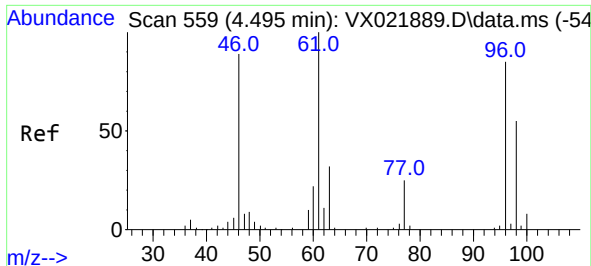
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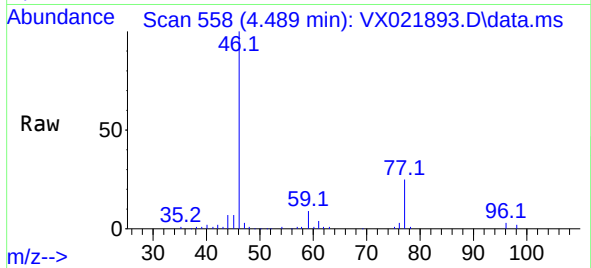
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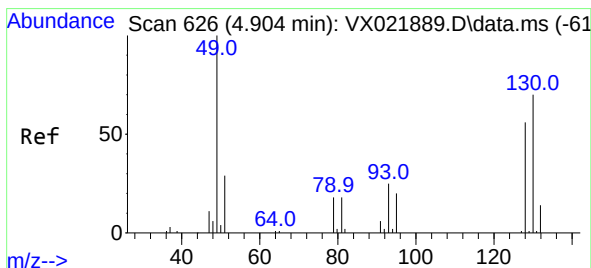
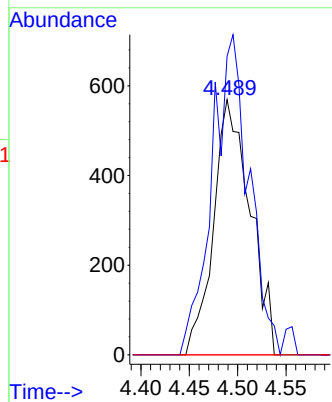
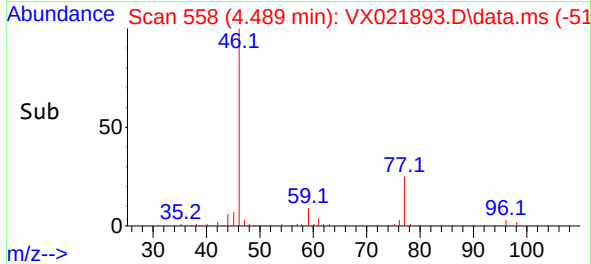
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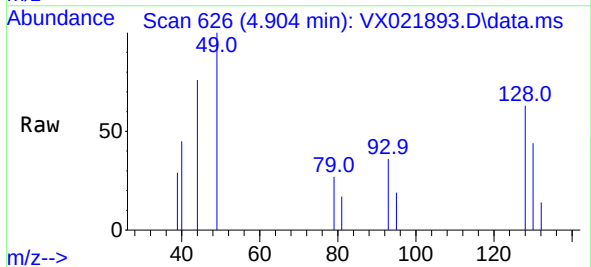
#22
cis-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55



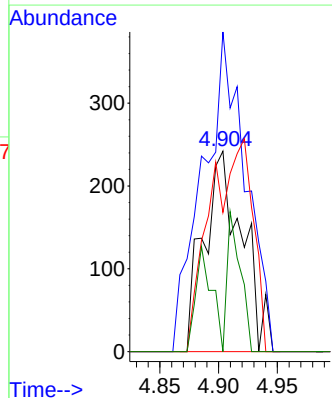
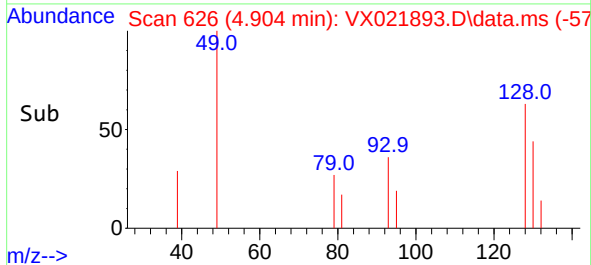
Tgt Ion: 96 Resp: 1493
Ion Ratio Lower Upper
96 100
61 117.0 80.9 150.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.18 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55



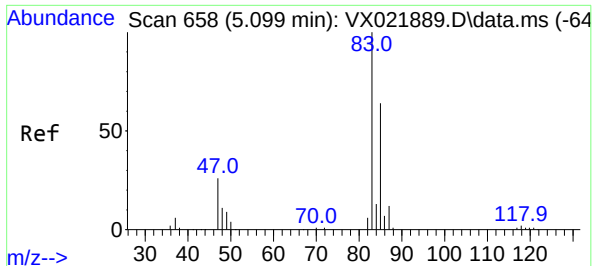
Tgt Ion: 128 Resp: 552
Ion Ratio Lower Upper
128 100
49 159.5 121.9 226.3
130 69.4 87.7 162.9#
51 0.0 41.6 62.4#



Instrument :
MSVOA_X
ClientSampleId :
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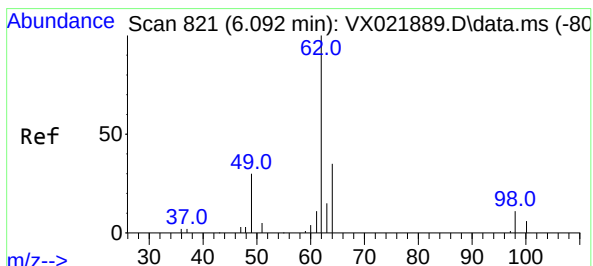
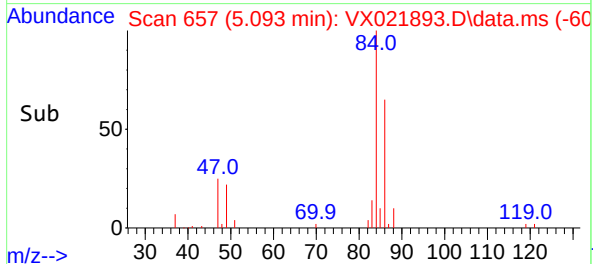
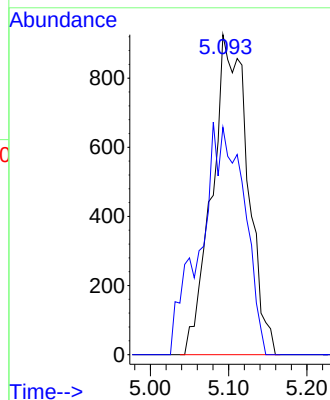
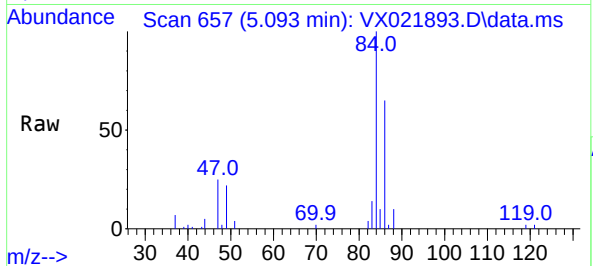
#25
Chloroform
Concen: 0.23 ug/L
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 83 Resp: 2935
Ion Ratio Lower Upper
83 100
85 71.1 46.3 86.1

Instrument :
MSVOA_X
ClientSampleId :
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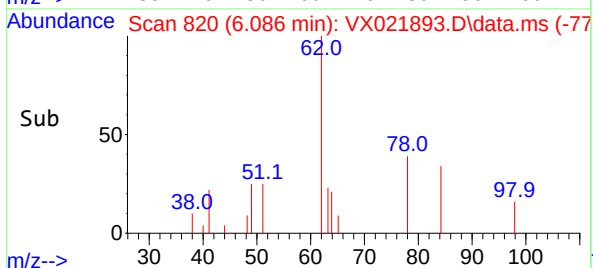
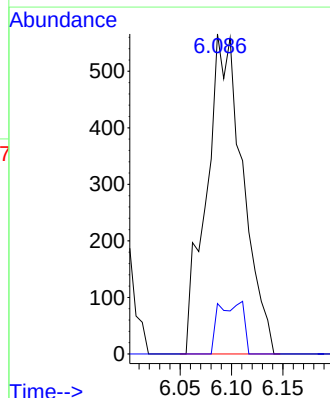
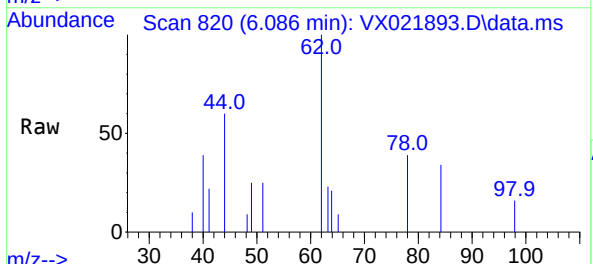
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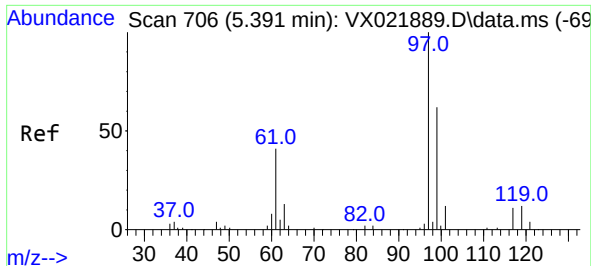
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#27
1,2-Dichloroethane
Concen: 0.19 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 62 Resp: 1398
Ion Ratio Lower Upper
62 100
98 15.7 7.8 11.6#





#29

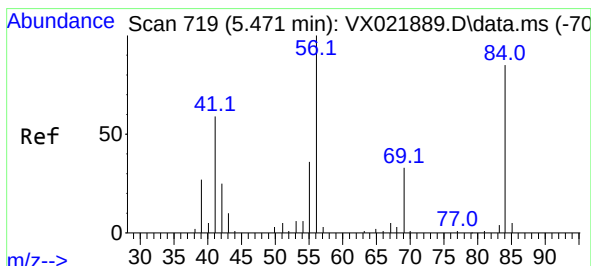
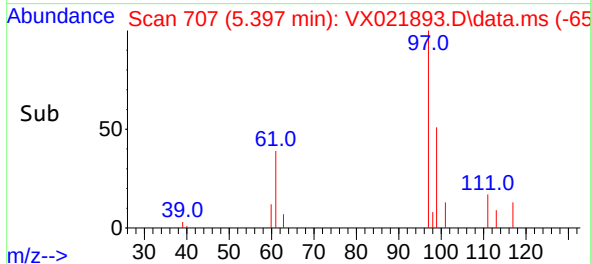
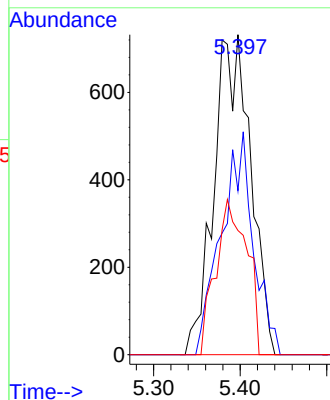
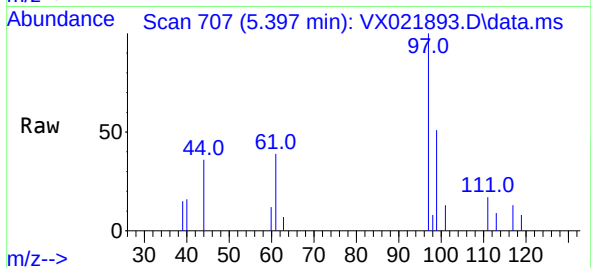
1,1,1-Trichloroethane
Concen: 0.19 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:	97	Resp:	2154
Ion	Ratio	Lower	Upper
97	100		
99	60.7	51.4	77.0
61	41.2	35.4	53.2

Instrument :
MSVOA_X
ClientSampleId :
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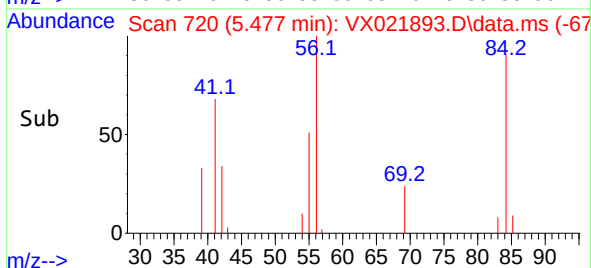
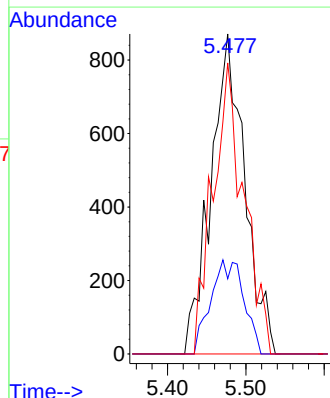
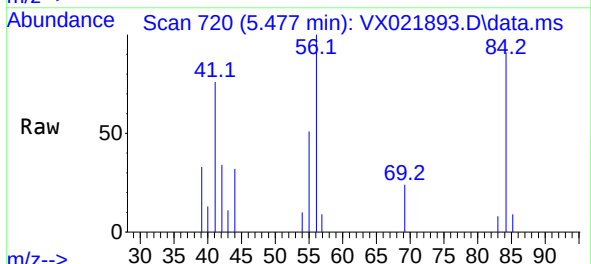
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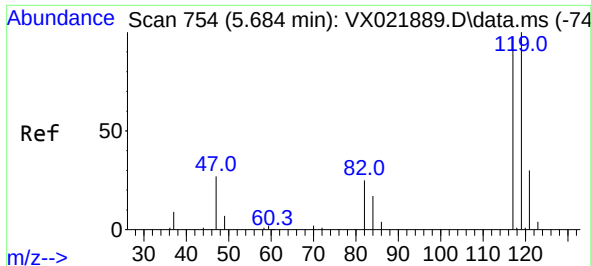


#30

Cyclohexane
Concen: 0.22 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

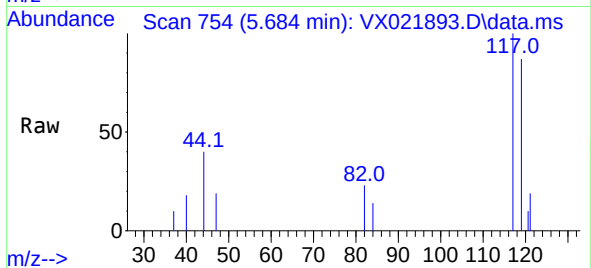
Tgt Ion:	56	Resp:	2617
Ion	Ratio	Lower	Upper
56	100		
69	15.9	26.6	39.8#
84	83.5	73.3	109.9





#31
Carbon tetrachloride
Concen: 0.18 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

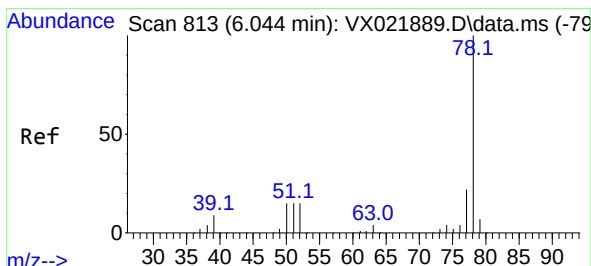
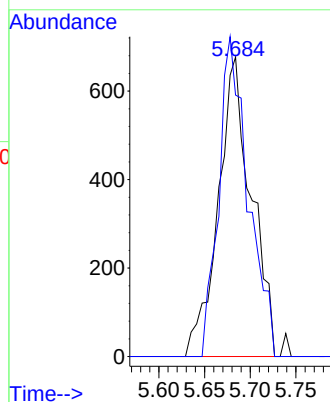
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05



Tgt Ion:117 Resp: 1706
Ion Ratio Lower Upper
117 100
119 94.8 74.8 112.2

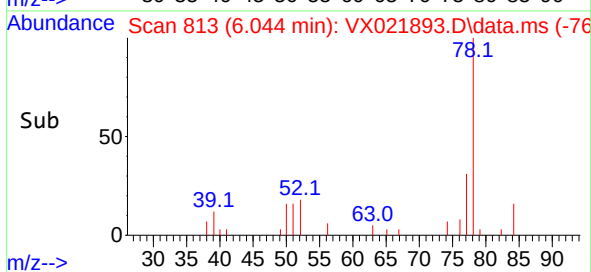
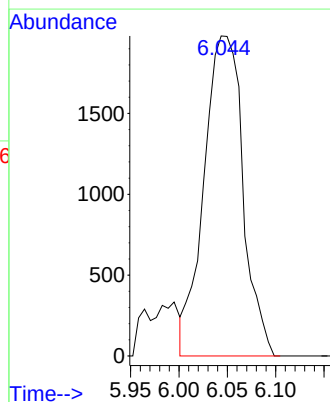
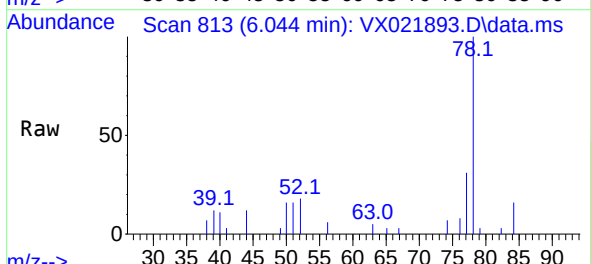
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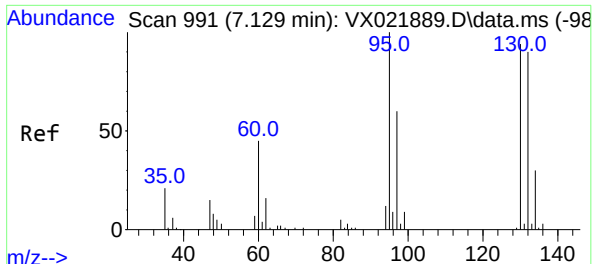
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#33
Benzene
Concen: 0.20 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 78 Resp: 5552





#34

Trichloroethene

Concen: 0.21 ug/L

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX021893.D

Acq: 11 May 2021 12:55

Tgt Ion: 95 Resp: 1518

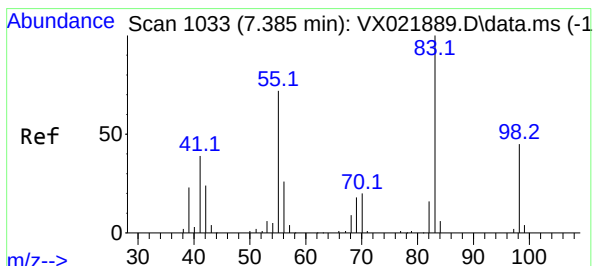
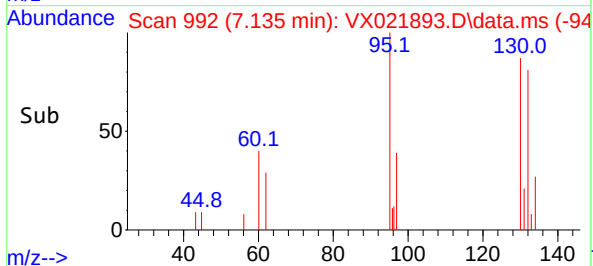
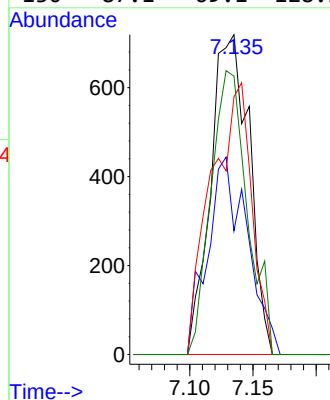
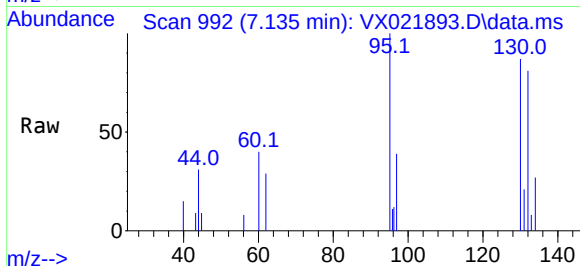
Ion Ratio Lower Upper

95 100

97 38.7 48.6 90.2#

132 80.5 67.3 125.1

130 87.1 69.1 128.3



#35

Methylcyclohexane

Concen: 0.19 ug/L

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX021893.D

Acq: 11 May 2021 12:55

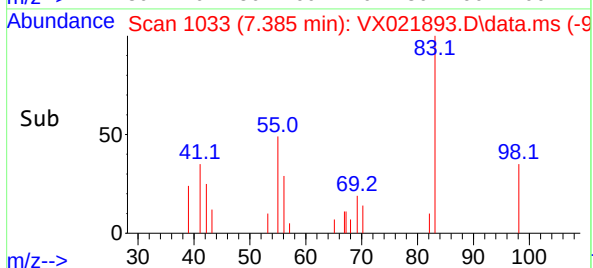
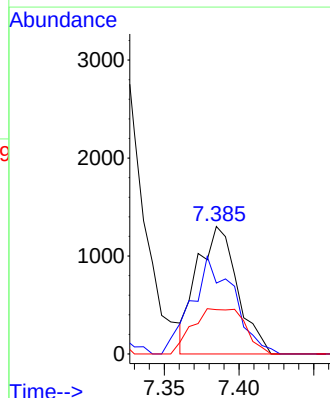
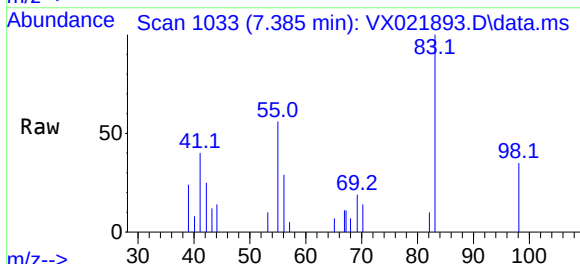
Tgt Ion: 83 Resp: 2443

Ion Ratio Lower Upper

83 100

55 79.8 60.3 90.5

98 45.8 39.4 59.2



Instrument :

MSVOA_X

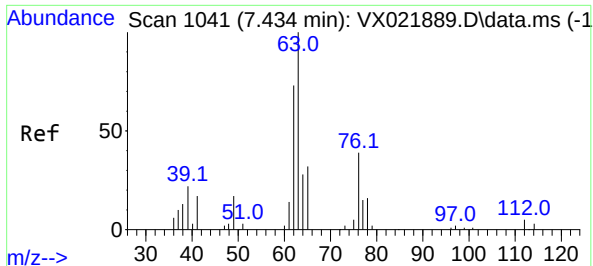
ClientSampleId :

MDL-WATER-QT3-2021-05

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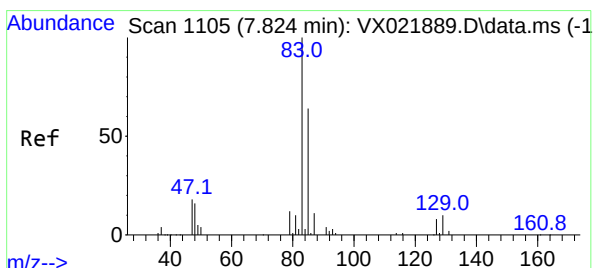
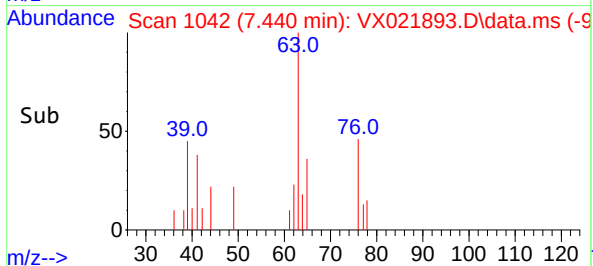
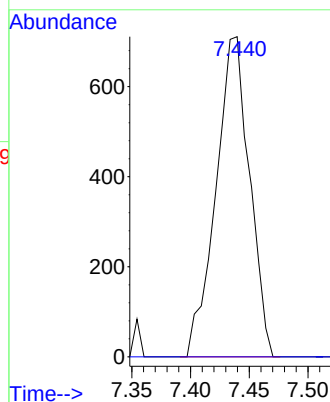
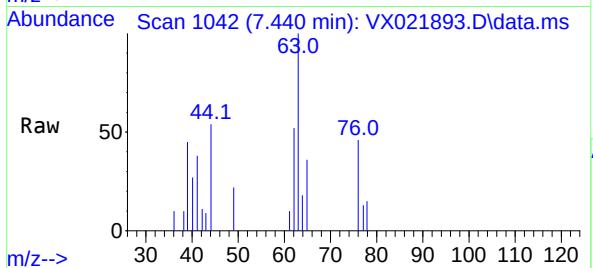
#37
1,2-Dichloropropane
Concen: 0.21 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 63 Resp: 1419
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

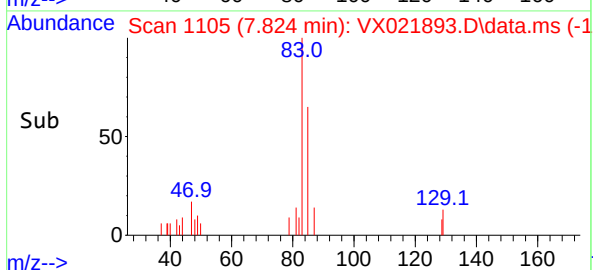
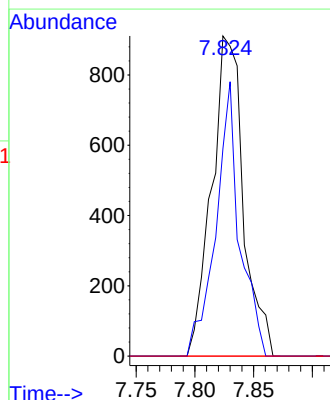
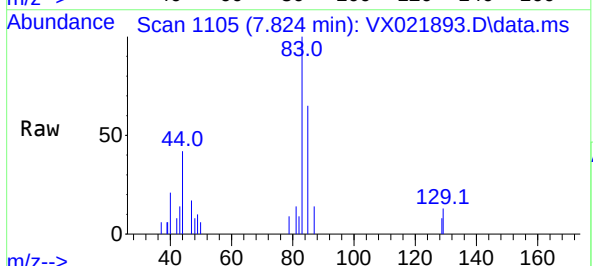
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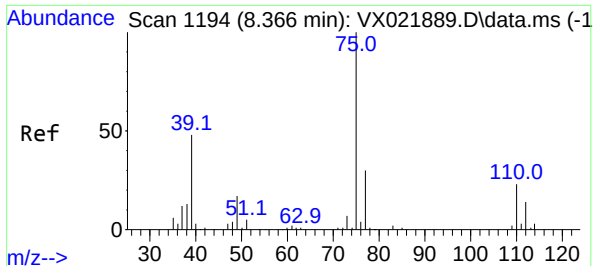
MMDadoda
5/12/2021 11:24:53 AM



#38
Bromodichloromethane
Concen: 0.19 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 83 Resp: 1707
Ion Ratio Lower Upper
83 100
85 64.8 41.1 76.3
127 0.0 6.1 9.1#





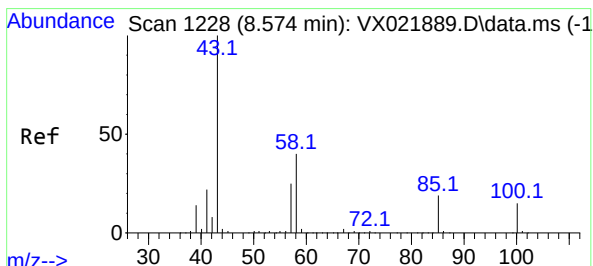
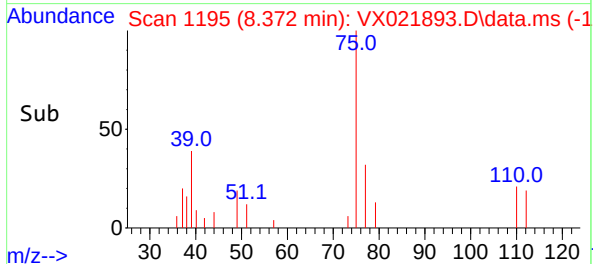
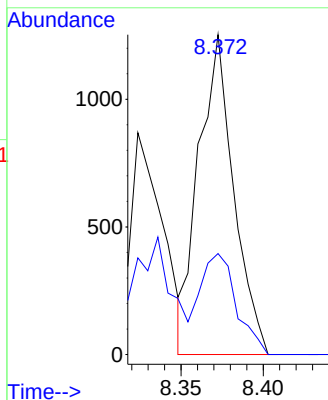
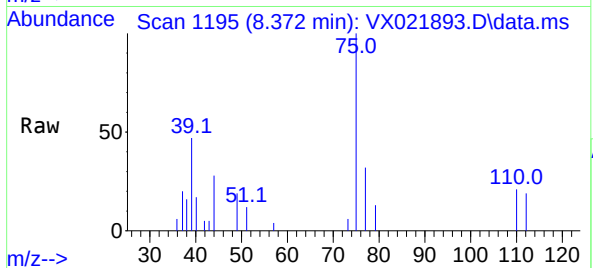
#39
cis-1,3-Dichloropropene
Concen: 0.17 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 75 Resp: 1850
Ion Ratio Lower Upper
75 100
77 31.6 21.3 39.5

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

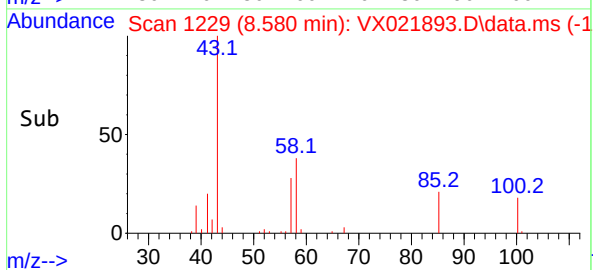
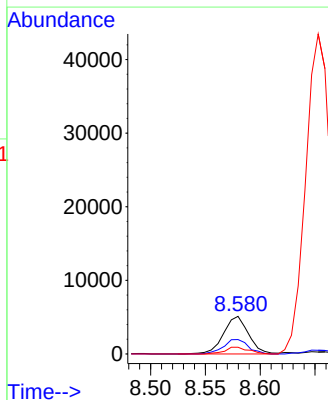
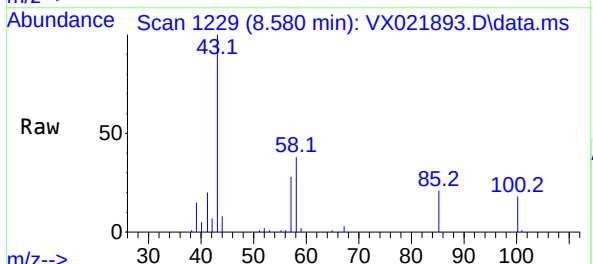
Manual Integrations
APPROVED

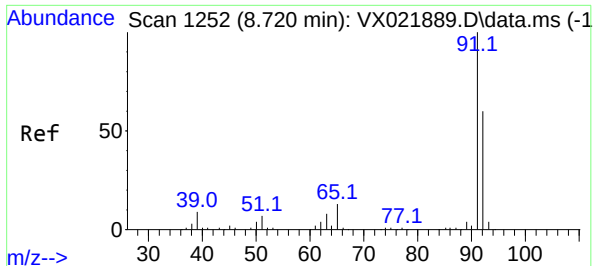
MMDadoda
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#40
4-Methyl-2-pentanone
Concen: 1.90 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 43 Resp: 8143
Ion Ratio Lower Upper
43 100
58 38.0 32.0 48.0
100 0.0 13.1 19.7#





#42

Toluene

Concen: 0.25 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX021893.D

Acq: 11 May 2021 12:55

Tgt Ion: 91 Resp: 7396

Ion Ratio Lower Upper

91 100

92 53.8 42.1 78.3

Instrument :

MSVOA_X

ClientSampleId :

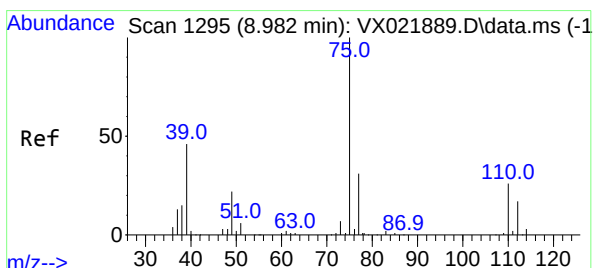
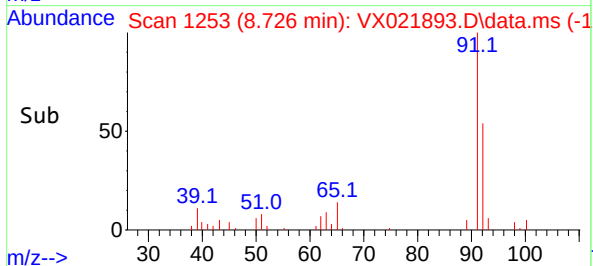
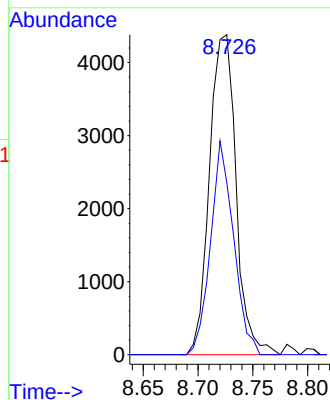
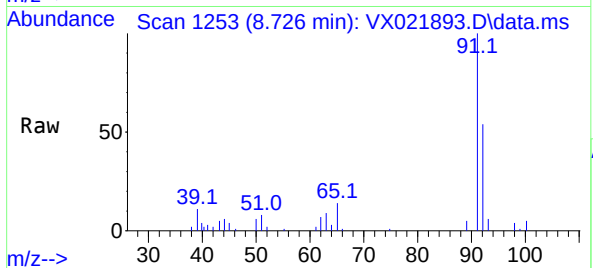
MDL-WATER-QT3-2021-05

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#44

trans-1,3-Dichloropropene

Concen: 0.25 ug/L m

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX021893.D

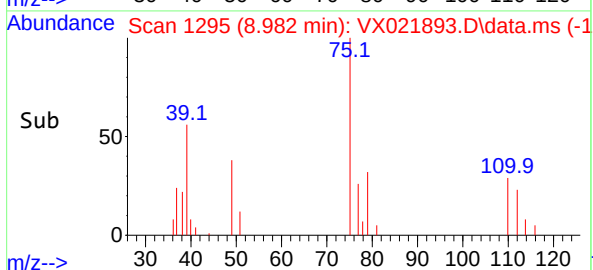
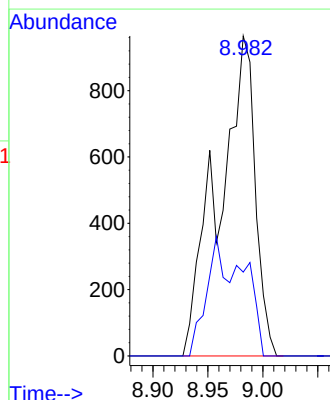
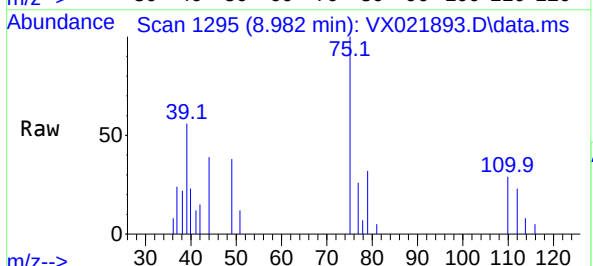
Acq: 11 May 2021 12:55

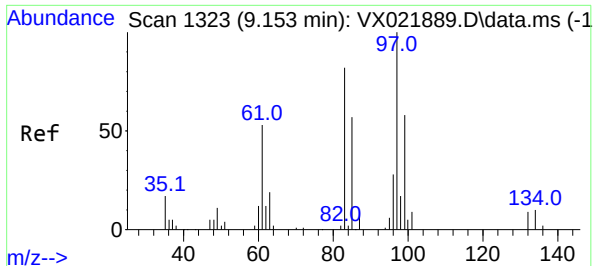
Tgt Ion: 75 Resp: 2217

Ion Ratio Lower Upper

75 100

77 26.2 21.6 40.0





#45

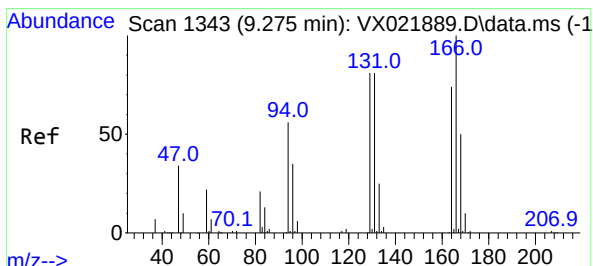
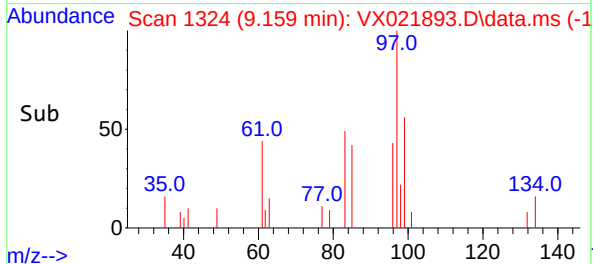
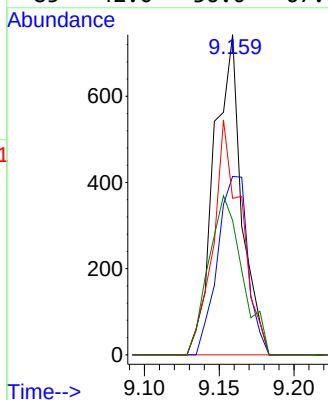
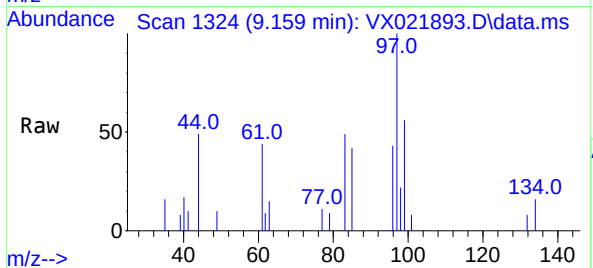
1,1,2-Trichloroethane
Concen: 0.20 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:	97	Resp:	956
Ion	Ratio	Lower	Upper
97	100		
99	55.7	42.6	79.0
83	48.9	55.4	102.8#
85	42.0	36.0	67.0

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations
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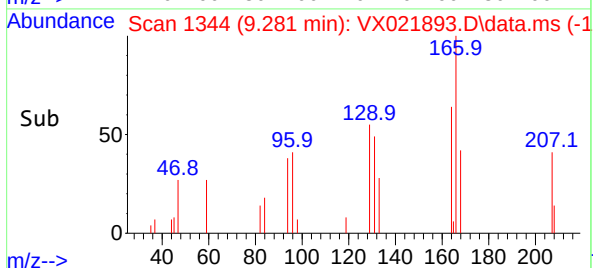
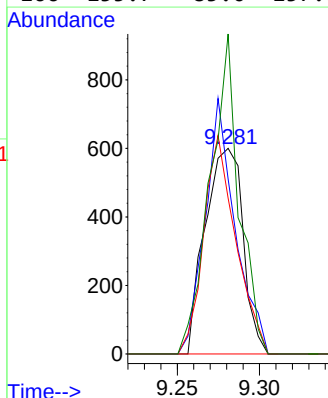
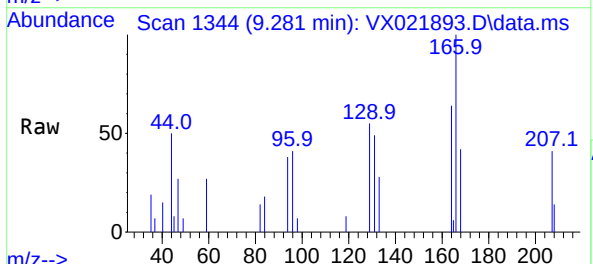
MMDadoda
5/12/2021 11:24:53 AM

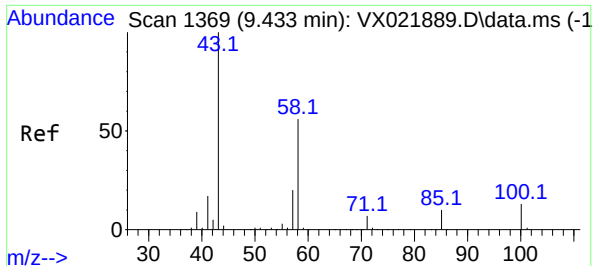


#47

Tetrachloroethene
Concen: 0.19 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:	164	Resp:	961
Ion	Ratio	Lower	Upper
164	100		
129	85.2	73.1	135.7
131	75.8	69.1	128.3
166	155.7	85.0	157.8





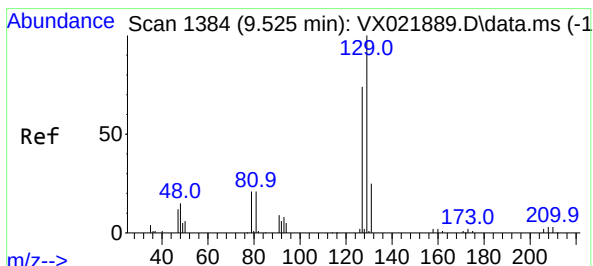
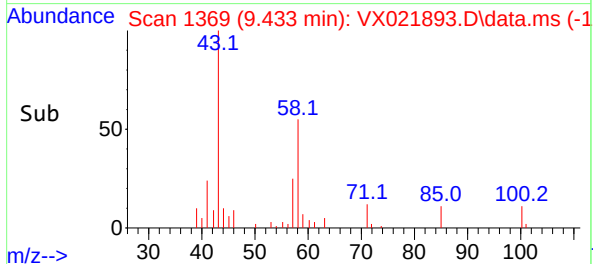
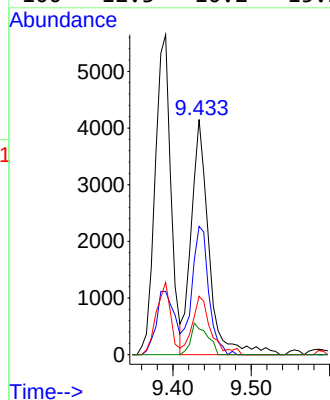
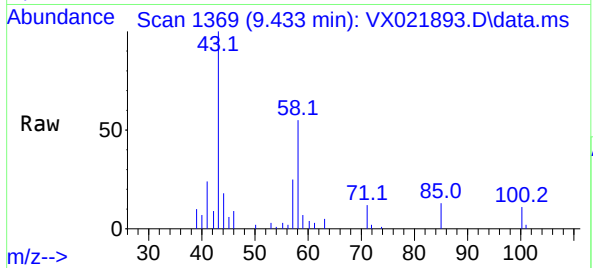
#48
2-Hexanone
Concen: 2.19 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:	43	Resp:	6543
Ion	Ratio	Lower	Upper
43	100		
58	52.1	44.6	67.0
57	25.7	14.8	22.2#
100	12.3	10.2	15.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

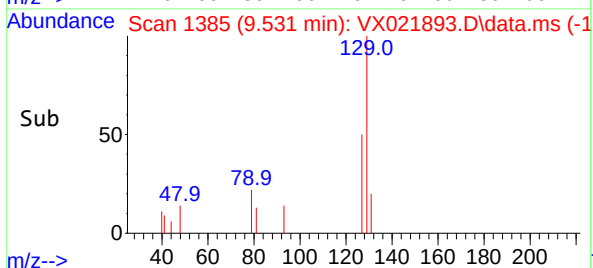
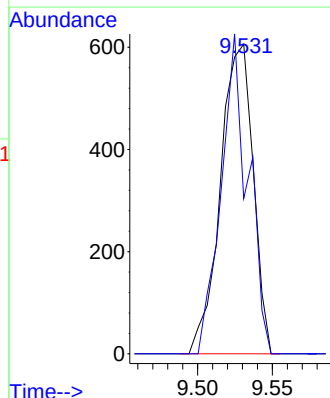
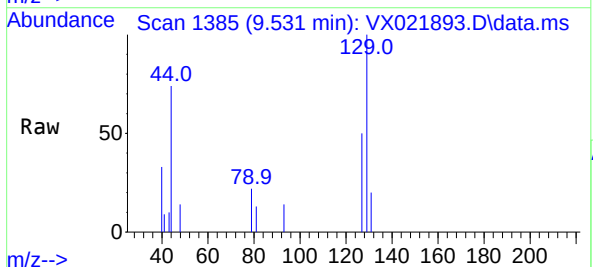
Manual Integrations
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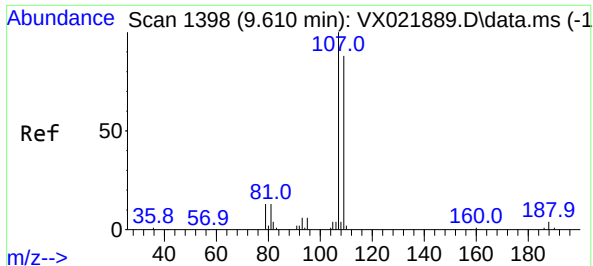
MMDadoda
5/12/2021 11:24:53 AM



#49
Dibromochloromethane
Concen: 0.17 ug/L
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

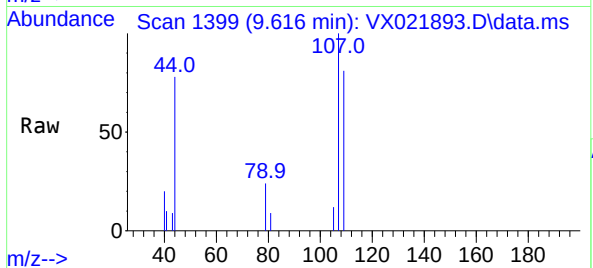
Tgt Ion:	129	Resp:	924
Ion	Ratio	Lower	Upper
129	100		
127	50.2	53.5	99.5#





#50
1,2-Dibromoethane
Concen: 0.20 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

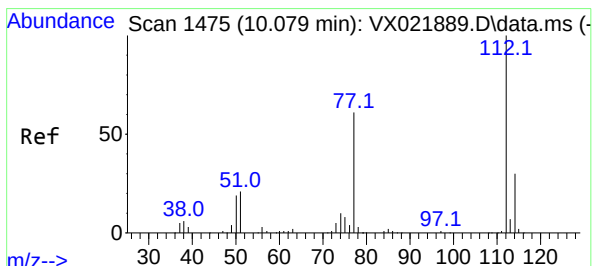
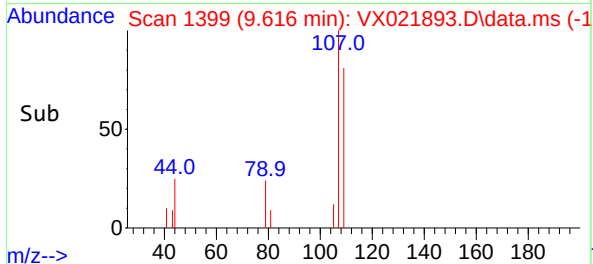
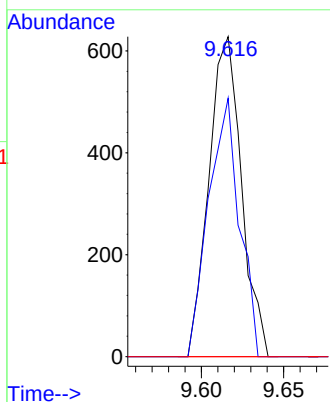
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05



Tgt Ion:107 Resp: 865
Ion Ratio Lower Upper
107 100
109 80.7 63.8 118.4
188 0.0 2.6 4.0#

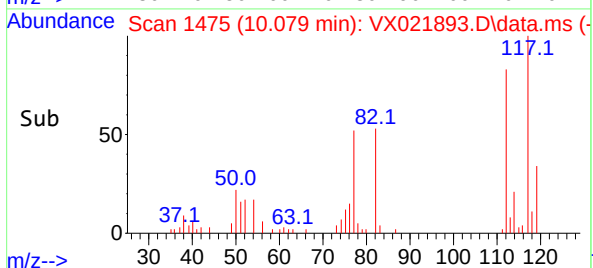
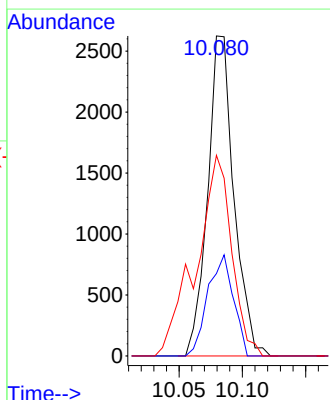
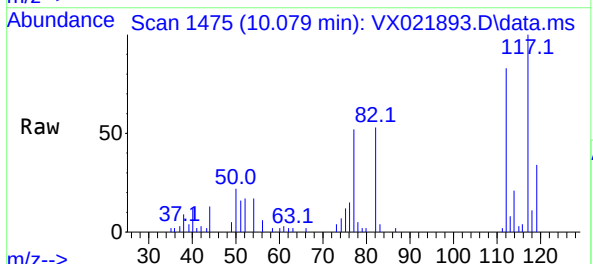
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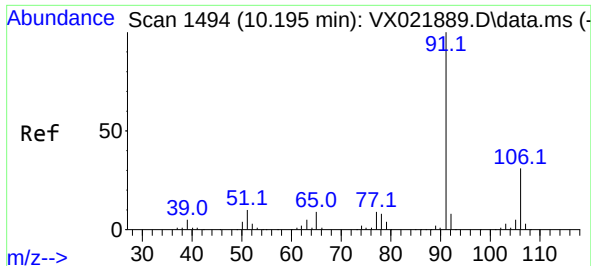
MMDadoda
5/12/2021 11:24:53 AM



#51
Chlorobenzene
Concen: 0.20 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:112 Resp: 3797
Ion Ratio Lower Upper
112 100
114 25.7 22.4 41.6
77 62.7 46.4 69.6





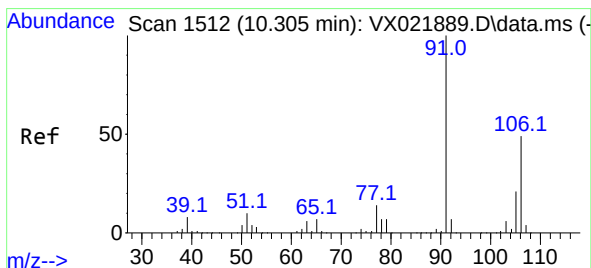
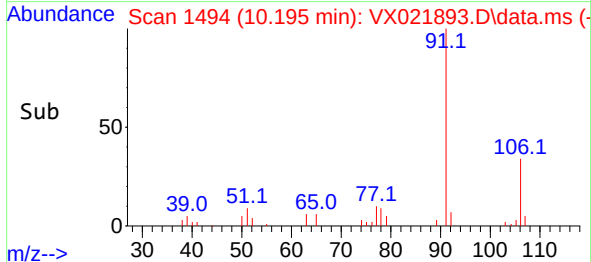
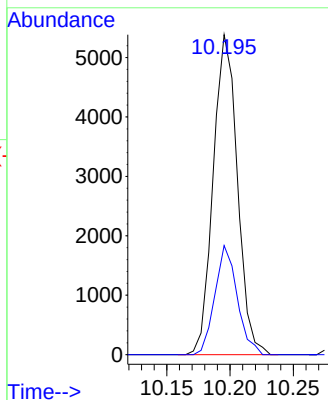
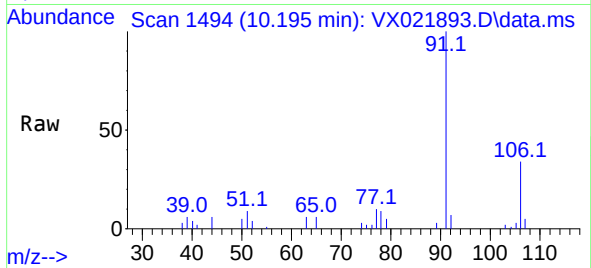
#52
Ethylbenzene
Concen: 0.21 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 91 Resp: 7153
Ion Ratio Lower Upper
91 100
106 34.1 21.6 40.0

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

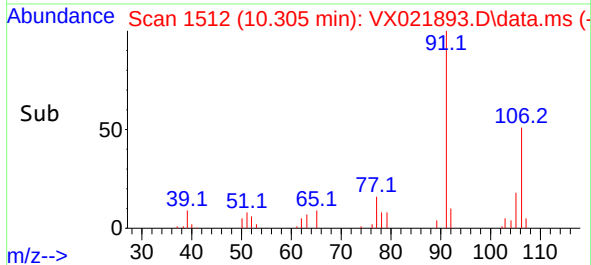
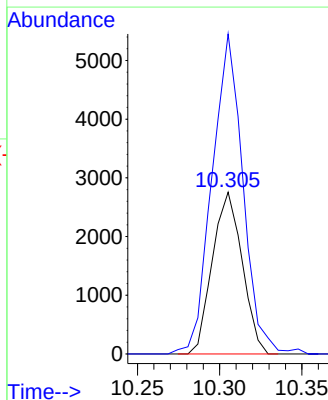
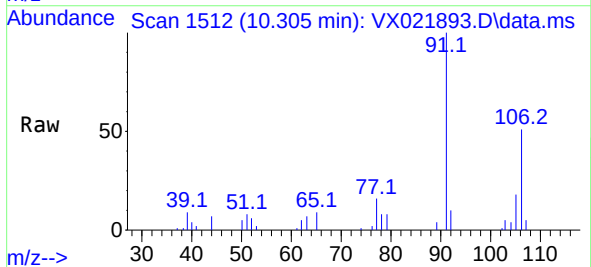
Manual Integrations
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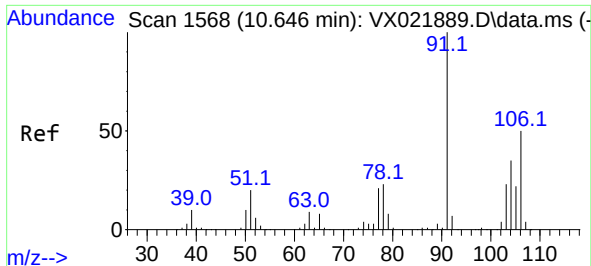
MMDadoda
5/12/2021 11:24:53 AM



#53
m,p-xylene
Concen: 0.27 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 106 Resp: 3473
Ion Ratio Lower Upper
106 100
91 197.8 141.7 263.3





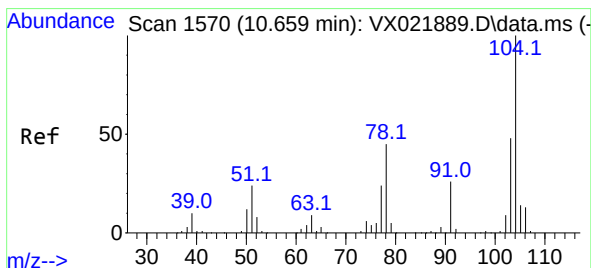
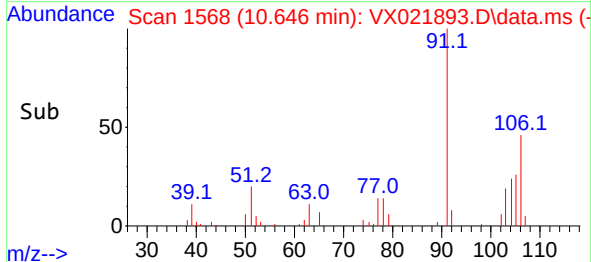
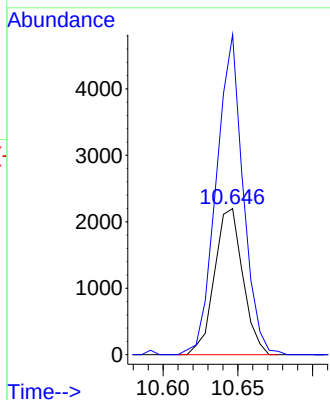
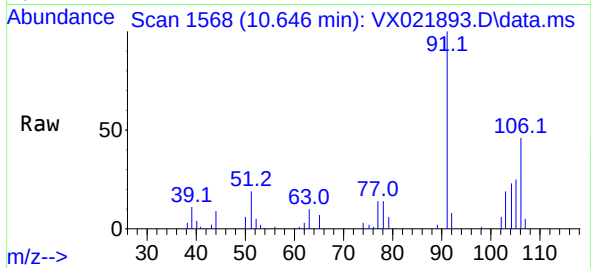
#54
o-xylene
Concen: 0.23 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

Tgt Ion:106 Resp: 2898
Ion Ratio Lower Upper
106 100
91 219.1 142.0 263.8

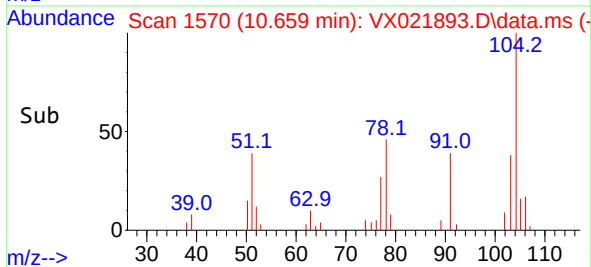
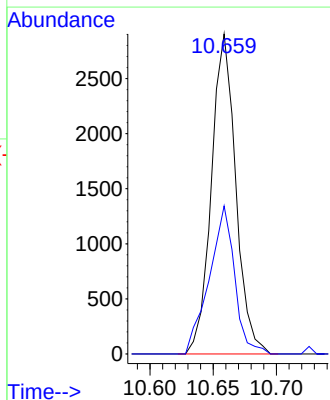
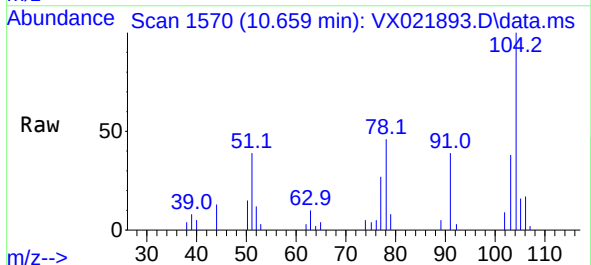
Manual Integrations
APPROVED

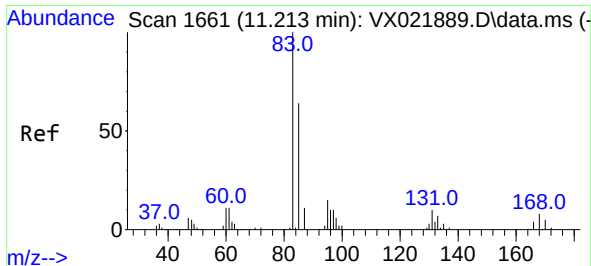
MMDadoda
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#55
Styrene
Concen: 0.19 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:104 Resp: 3890
Ion Ratio Lower Upper
104 100
78 46.2 32.7 60.7





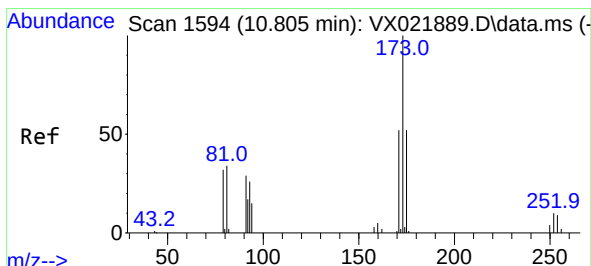
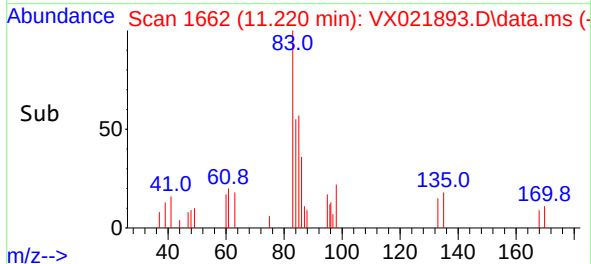
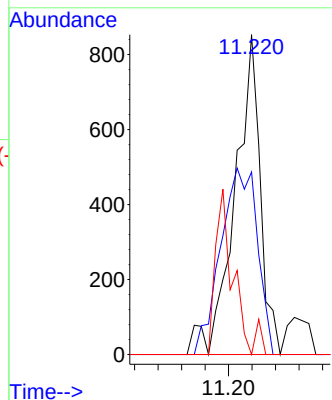
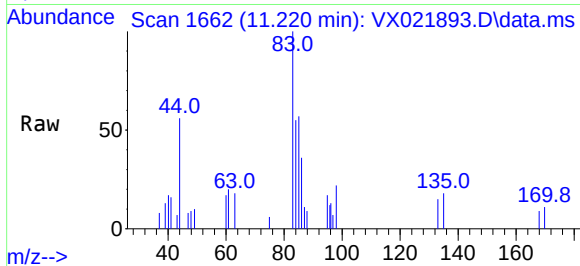
#57
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 83 Resp: 1288
Ion Ratio Lower Upper
83 100
85 57.1 44.1 81.9
131 0.0 7.1 10.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

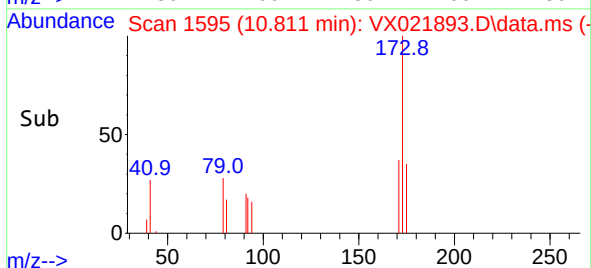
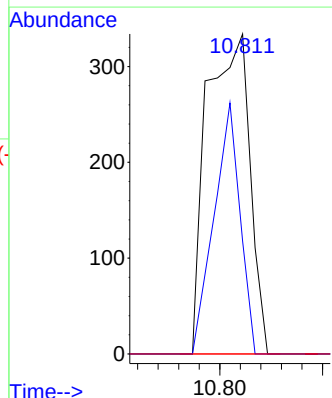
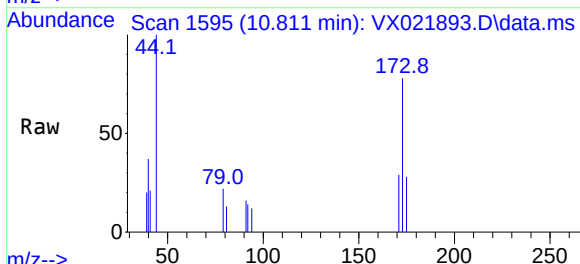
Manual Integrations
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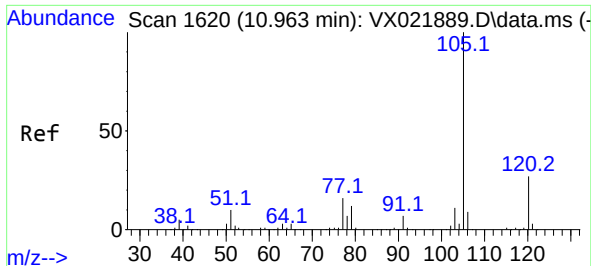
MMDadoda
5/12/2021 11:24:53 AM



#59
Bromoform
Concen: 0.19 ug/L
RT: 10.811 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 173 Resp: 482
Ion Ratio Lower Upper
173 100
175 47.7 38.9 58.3
254 0.0 7.4 11.0#





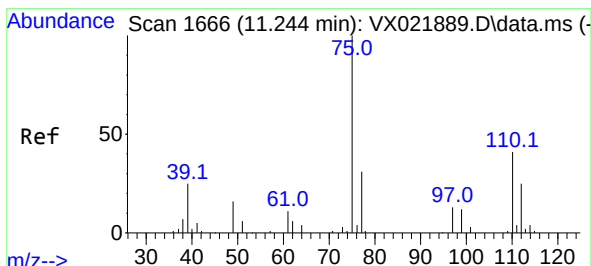
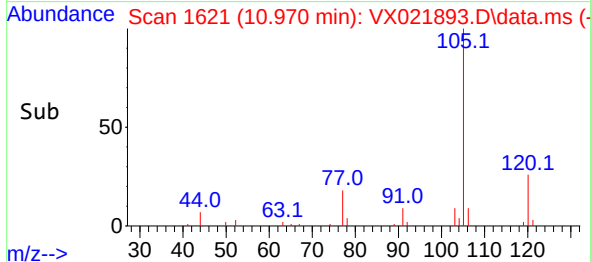
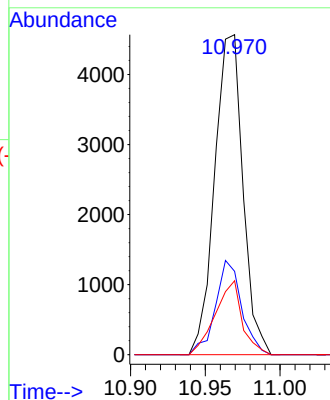
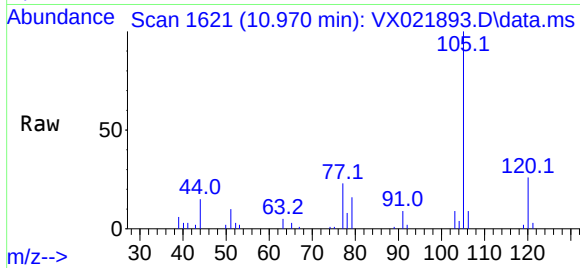
#60
Isopropylbenzene
Concen: 0.19 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 105 Resp: 5996
Ion Ratio Lower Upper
105 100
120 27.3 21.0 31.6
77 22.0 12.4 18.6#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

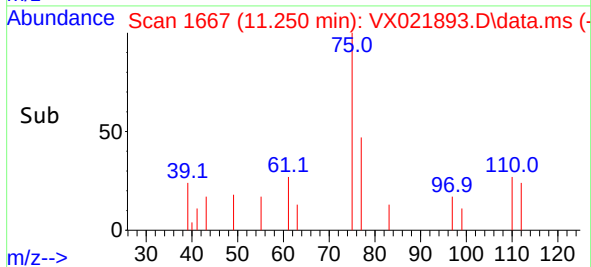
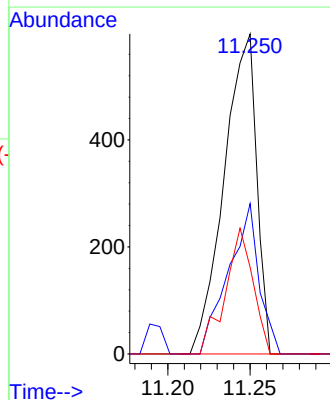
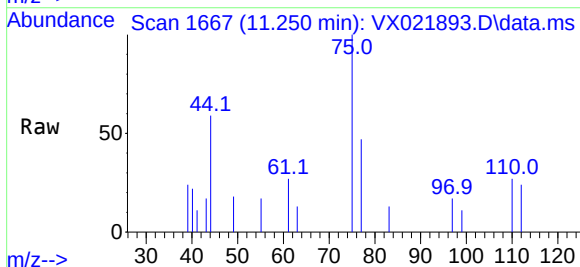
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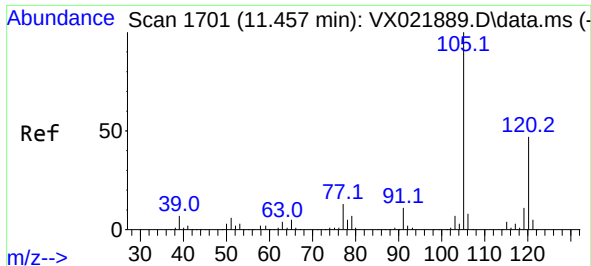
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#61
1,2,3-Trichloropropane
Concen: 0.21 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion: 75 Resp: 821
Ion Ratio Lower Upper
75 100
77 44.2 24.6 37.0#
110 33.5 32.3 48.5





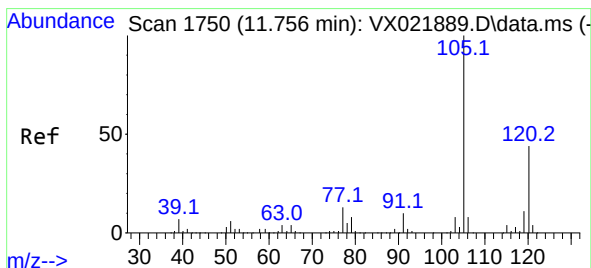
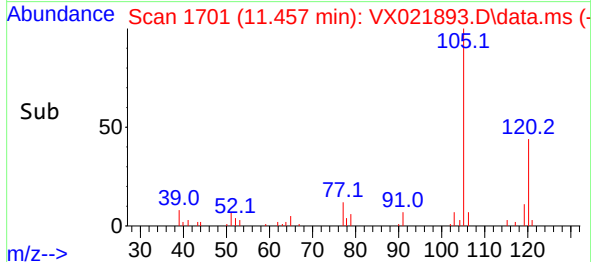
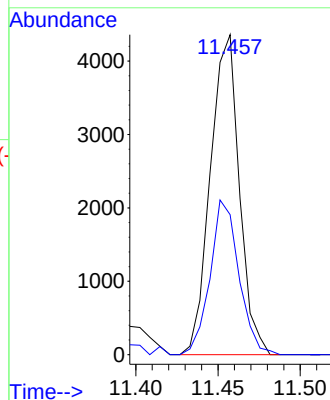
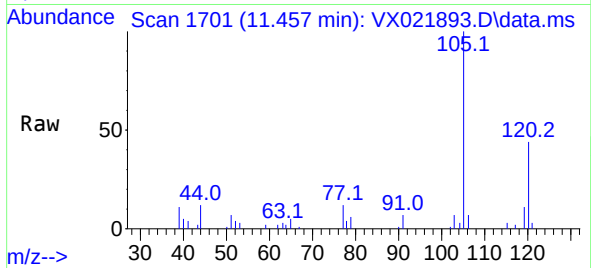
#62
1,3,5-Trimethylbenzene
Concen: 0.20 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:105 Resp: 5339
Ion Ratio Lower Upper
105 100
120 48.1 38.4 57.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

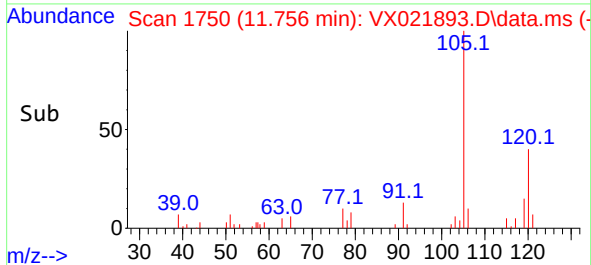
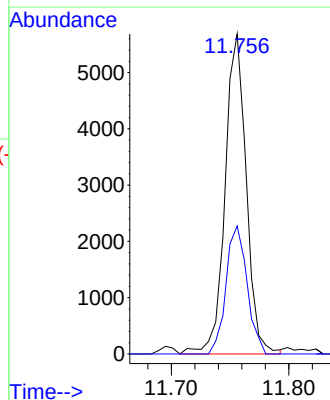
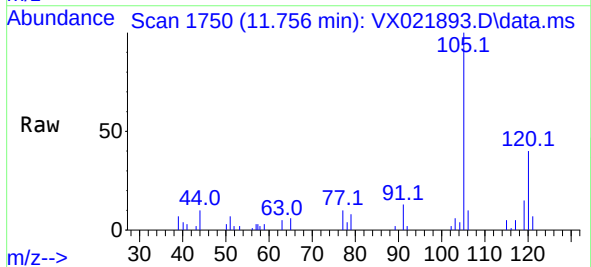
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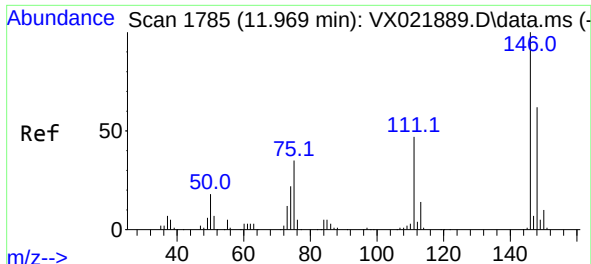
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#63
1,2,4-Trimethylbenzene
Concen: 0.25 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:105 Resp: 7126
Ion Ratio Lower Upper
105 100
120 39.6 36.4 54.6





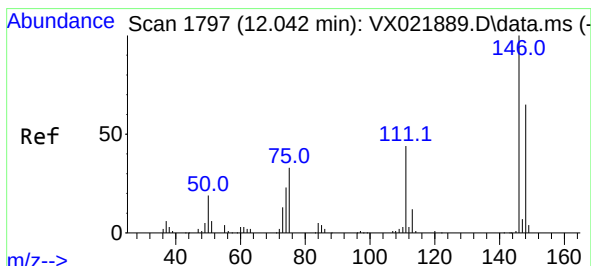
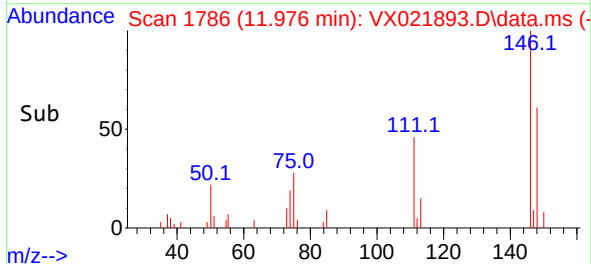
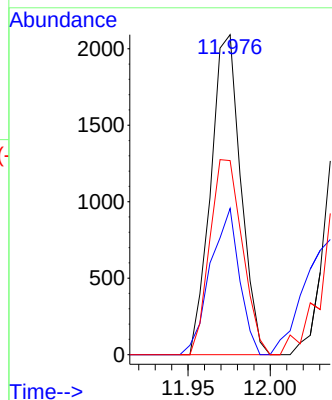
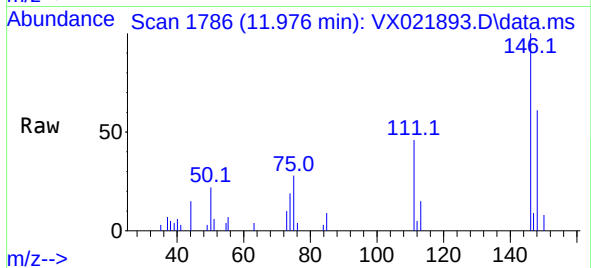
#64
1,3-Dichlorobenzene
Concen: 0.20 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:146 Resp: 2655
Ion Ratio Lower Upper
146 100
111 45.7 30.8 57.2
148 60.7 44.2 82.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

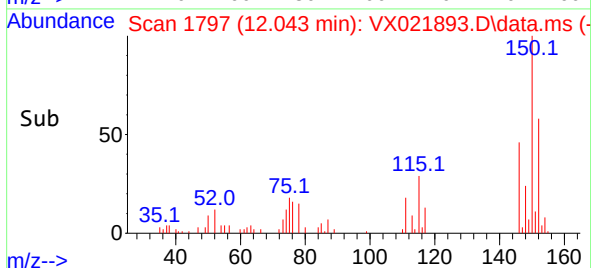
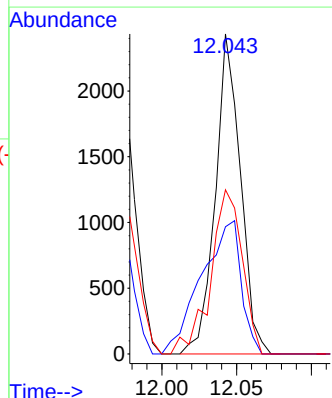
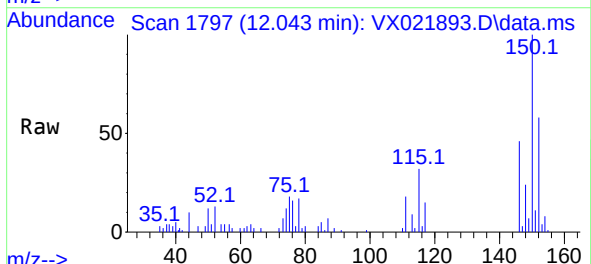
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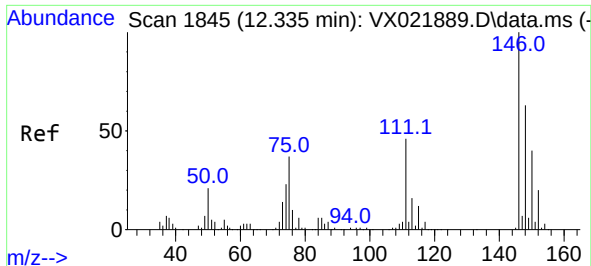
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#65
1,4-Dichlorobenzene
Concen: 0.22 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:146 Resp: 2843
Ion Ratio Lower Upper
146 100
111 39.8 30.4 56.5
148 51.3 43.2 80.2





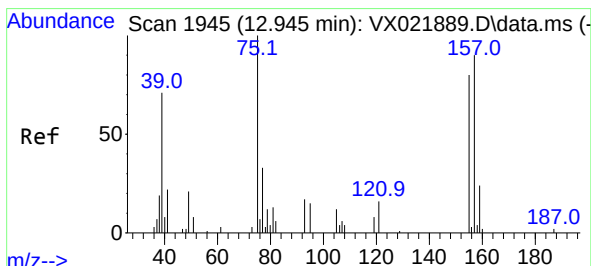
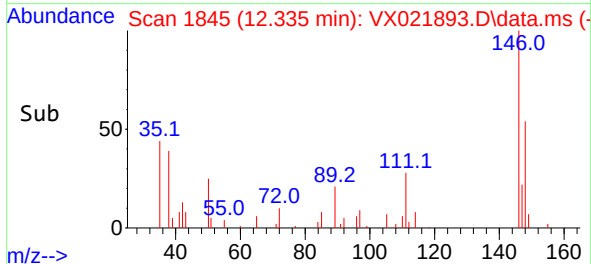
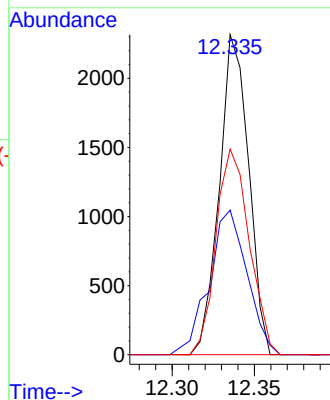
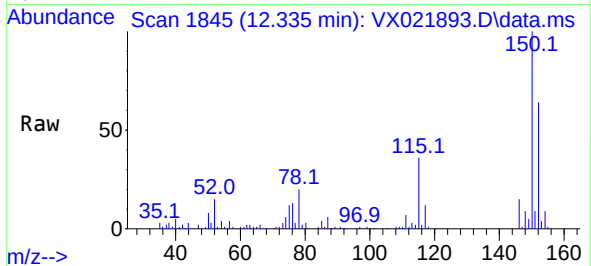
#67
1,2-Dichlorobenzene
Concen: 0.24 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

Tgt Ion:	146	Resp:	2873
Ion Ratio	Lower	Upper	
146	100		
111	45.2	36.2	54.2
148	64.2	49.6	74.4

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

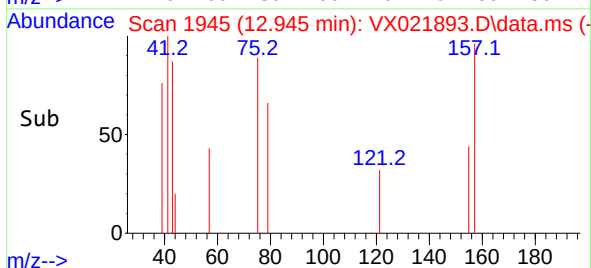
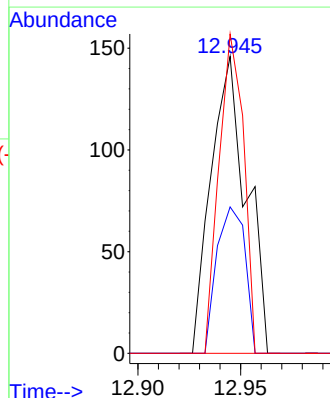
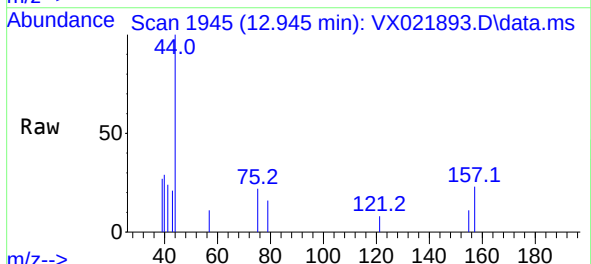
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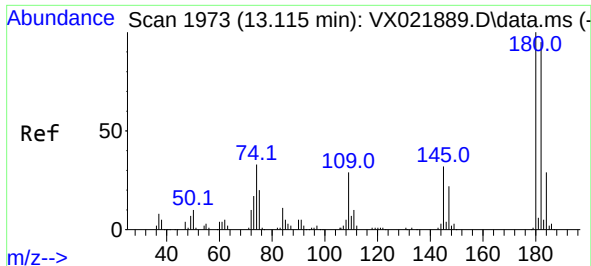
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#68
1,2-Dibromo-3-chloropropane
Concen: 0.19 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

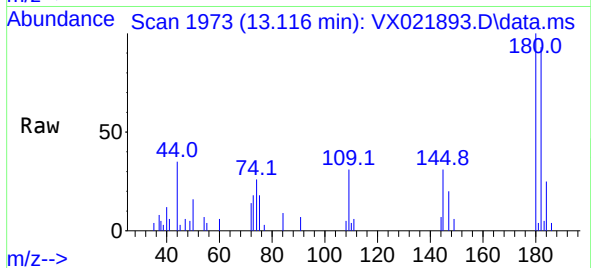
Tgt Ion:	75	Resp:	175
Ion Ratio	Lower	Upper	
75	100		
155	49.3	58.5	87.7#
157	107.5	68.6	103.0#





#69
1,3,5-Trichlorobenzene
Concen: 0.18 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

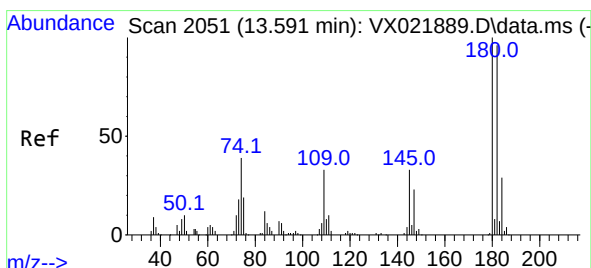
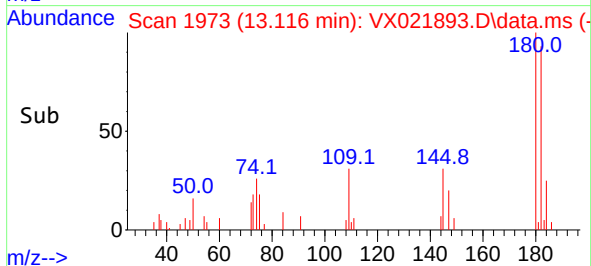
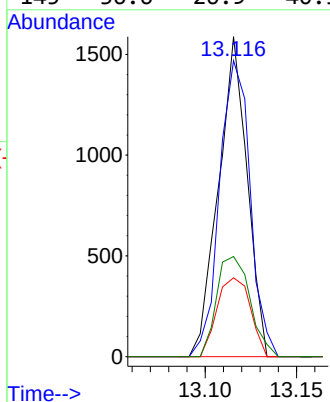
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05



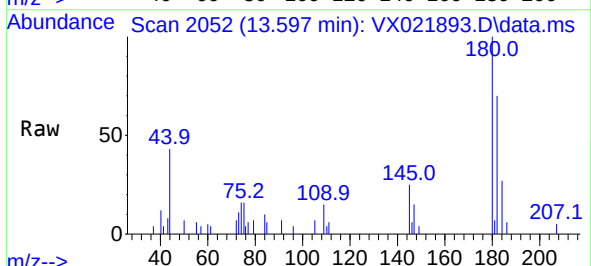
Tgt Ion:	180	Resp:	1730
Ion Ratio	Lower	Upper	
180	100		
182	98.7	73.6	110.4
184	28.7	23.6	35.4
145	36.6	26.9	40.3

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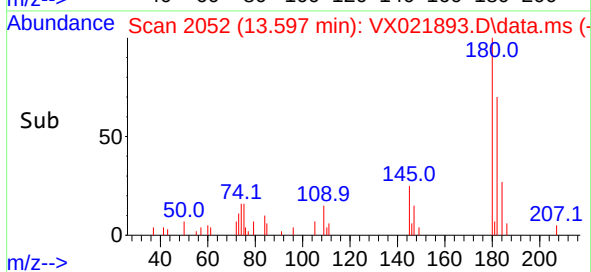
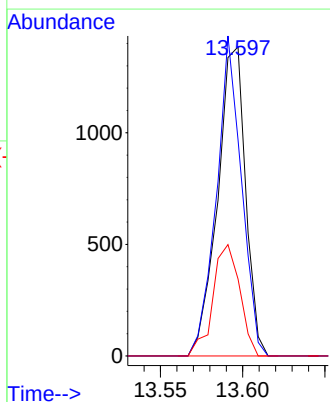
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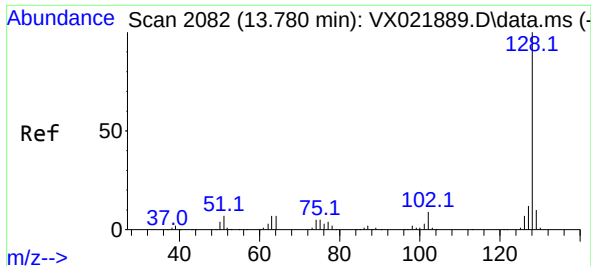


#70
1,2,4-trichlorobenzene
Concen: 0.20 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55

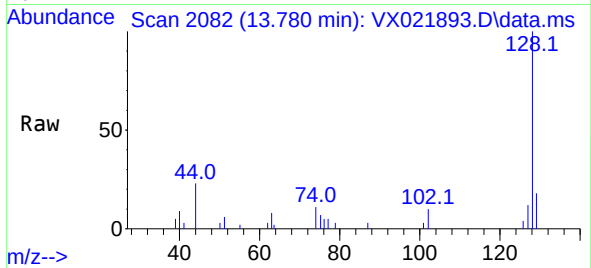


Tgt Ion:	180	Resp:	1638
Ion Ratio	Lower	Upper	
180	100		
182	92.5	79.0	118.4
145	34.6	28.2	42.2

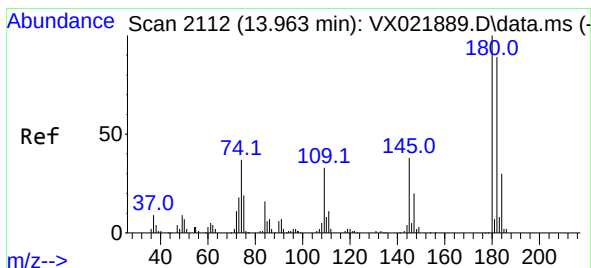
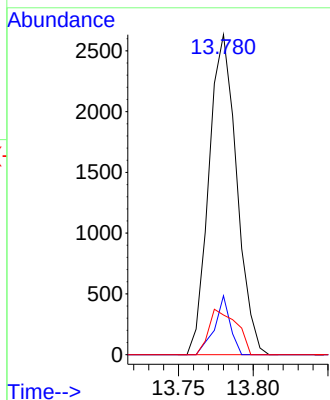
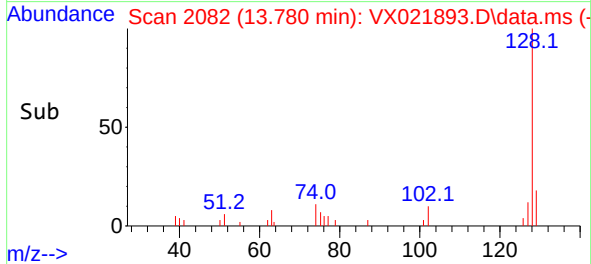




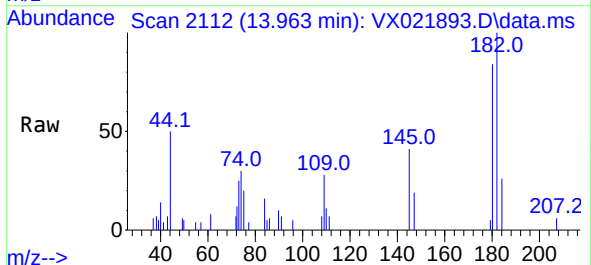
#71
Naphthalene
Concen: 0.20 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55



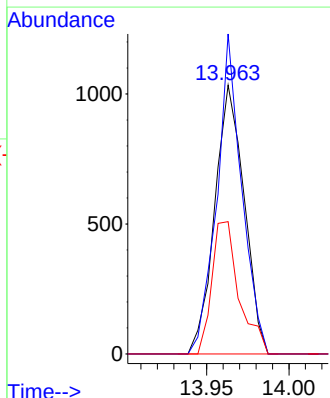
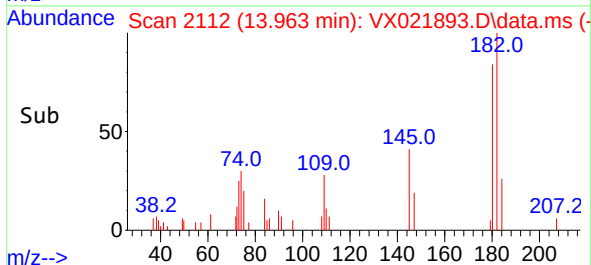
Tgt Ion:128 Resp: 3405
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 14.2 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 0.18 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX021893.D
Acq: 11 May 2021 12:55



Tgt Ion:180 Resp: 1287
Ion Ratio Lower Upper
180 100
182 100.8 75.3 112.9
145 45.4 30.3 45.5



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

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