

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023237.D
 Acq On : 12 Jul 2021 13:15
 Operator : JC/MD
 Sample : M2940-09 .75PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

Manual Integrations
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Quant Time: Jul 13 03:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 13 03:05:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	266524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	429720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	179165	50.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.040%			
35) Dibromofluoromethane	5.397	113	134787	48.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.140%			
50) Toluene-d8	8.653	98	490203	47.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.720%			
62) 4-Bromofluorobenzene	11.085	95	180957	45.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1380	0.571	ug/l	96
3) Chloromethane	1.295	50	1772	0.742	ug/l	92
4) Vinyl Chloride	1.374	62	1595	0.630	ug/l	94
5) Bromomethane	1.605	94	1421	1.004	ug/l #	74
6) Chloroethane	1.691	64	969	0.585	ug/l	90
7) Trichlorofluoromethane	1.886	101	2841	0.646	ug/l	93
8) Diethyl Ether	2.142	74	1203	0.741	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	2087	0.811	ug/l	99
10) Methyl Iodide	2.459	142	2033	0.643	ug/l	96
11) Tert butyl alcohol	2.965	59	4551	6.039	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	1775	0.747	ug/l	91
13) Acrolein	2.240	56	1691	3.370	ug/l	90
14) Allyl chloride	2.666	41	3214	0.778	ug/l #	84
15) Acrylonitrile	3.081	53	4691	3.201	ug/l	97
16) Acetone	2.392	43	5443	3.841	ug/l #	77
17) Carbon Disulfide	2.514	76	3362	0.671	ug/l #	89
18) Methyl Acetate	2.715	43	2744	0.798	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	6032	0.679	ug/l	94
20) Methylene Chloride	2.794	84	3969	1.301	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1655	0.645	ug/l #	86
22) Diisopropyl ether	3.776	45	5532	0.636	ug/l	90
23) Vinyl Acetate	3.739	43	21553	2.926	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	3166	0.644	ug/l #	89
25) 2-Butanone	4.581	43	7480	3.500	ug/l	91
26) 2,2-Dichloropropane	4.477	77	2852	0.691	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	2060	0.663	ug/l	91
28) Bromochloromethane	4.910	49	1608	0.689	ug/l #	95
29) Tetrahydrofuran	5.038	42	4388	3.194	ug/l	93
30) Chloroform	5.099	83	3902	0.735	ug/l #	76
31) Cyclohexane	5.483	56	2696	0.629	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	3209	0.694	ug/l #	49
36) 1,1-Dichloropropene	5.708	75	2436	0.636	ug/l	97
37) Ethyl Acetate	4.733	43	2468	0.591	ug/l #	91
38) Carbon Tetrachloride	5.696	117	2956	0.739	ug/l #	80
39) Methylcyclohexane	7.385	83	2935	0.655	ug/l	90
40) Benzene	6.044	78	7235	0.651	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1601	0.685	ug/l #	78
42) 1,2-Dichloroethane	6.099	62	3265	0.731	ug/l	85
43) Isopropyl Acetate	6.355	43	4611	0.663	ug/l	92
44) Trichloroethene	7.129	130	3145	0.997	ug/l	82
45) 1,2-Dichloropropane	7.440	63	1980	0.682	ug/l #	77
46) Dibromomethane	7.592	93	1283	0.619	ug/l	97
47) Bromodichloromethane	7.824	83	2308	0.610	ug/l #	94
48) Methyl methacrylate	7.708	41	2053	0.602	ug/l #	90
49) 1,4-Dioxane	7.678	88	1063	13.848	ug/l #	83
51) 4-Methyl-2-Pentanone	8.580	43	12559	2.916	ug/l	94
52) Toluene	8.720	92	4502	0.625	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2335	0.565	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	2638	0.601	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	1888	0.625	ug/l	90
56) Ethyl methacrylate	9.122	69	2858	0.612	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	3019	0.604	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	6709	2.937	ug/l	99
59) 2-Hexanone	9.439	43	9468	2.865	ug/l	83
60) Dibromochloromethane	9.525	129	1696	0.584	ug/l	93
61) 1,2-Dibromoethane	9.616	107	1858	0.599	ug/l	96
64) Tetrachloroethene	9.275	164	2112	0.699	ug/l	91
65) Chlorobenzene	10.086	112	5034	0.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1737	0.642	ug/l #	64
67) Ethyl Benzene	10.195	91	8620	0.651	ug/l	92
68) m/p-Xylenes	10.305	106	5690	1.126	ug/l	84
69) o-Xylene	10.647	106	3066	0.602	ug/l	92
70) Styrene	10.659	104	4433	0.533	ug/l	92
71) Bromoform	10.805	173	1206	0.632	ug/l #	88
73) Isopropylbenzene	10.964	105	7862	0.662	ug/l	94
74) N-amyl acetate	10.842	43	3088	0.613	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.220	83	2486	0.659	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2338m	0.689	ug/l	
77) Bromobenzene	11.201	156	1958	0.661	ug/l	98
78) n-propylbenzene	11.305	91	8744	0.637	ug/l	100
79) 2-Chlorotoluene	11.366	91	5776	0.681	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	6820	0.667	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	759m	0.687	ug/l	
82) 4-Chlorotoluene	11.457	91	6237	0.651	ug/l	95
83) tert-Butylbenzene	11.720	119	6585	0.679	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	6252	0.619	ug/l	99
85) sec-Butylbenzene	11.890	105	7474	0.599	ug/l	93
86) p-Isopropyltoluene	12.012	119	6033	0.576	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	3730	0.670	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	3723m	0.664	ug/l	
89) n-Butylbenzene	12.335	91	4717	0.514	ug/l	98
90) Hexachloroethane	12.543	117	999	0.651	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	3547	0.641	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	586	0.730	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	1864	0.546	ug/l	94
94) Hexachlorobutadiene	13.725	225	961	0.665	ug/l	96
95) Naphthalene	13.780	128	6216	0.548	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1953	0.569	ug/l	98

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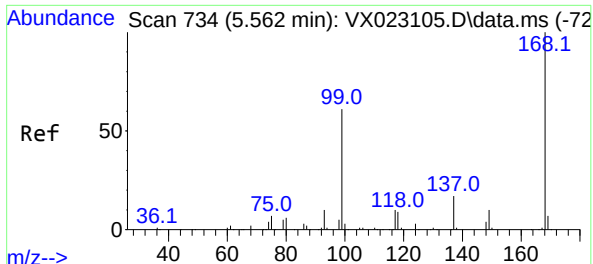
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



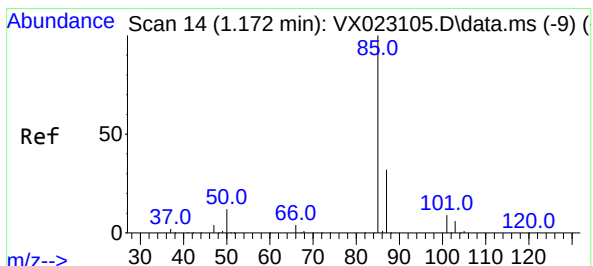
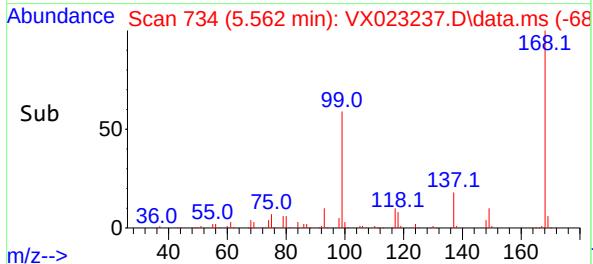
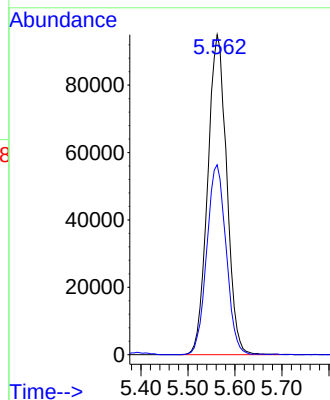
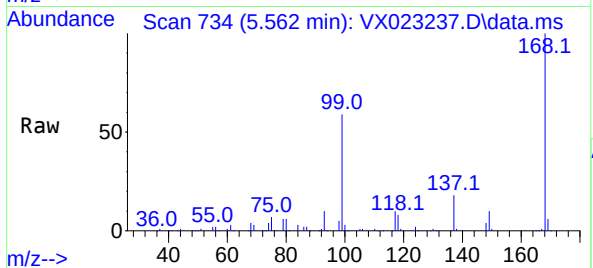
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 168 Resp: 266524
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6

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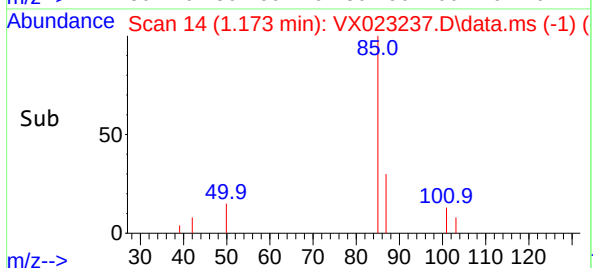
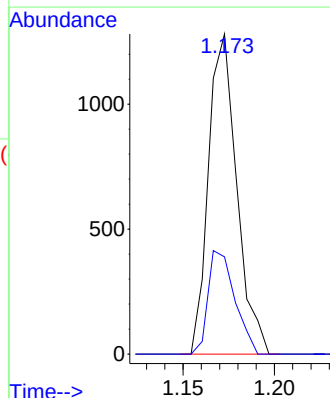
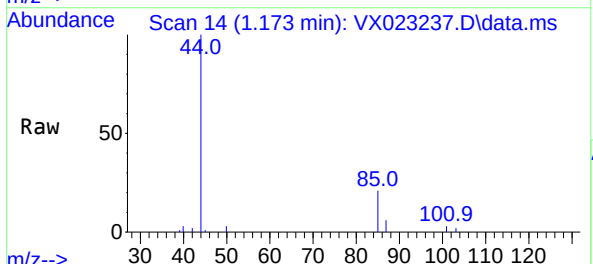
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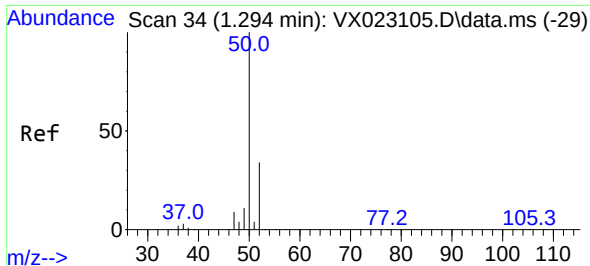
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#2
Dichlorodifluoromethane
Concen: 0.571 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 85 Resp: 1380
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2





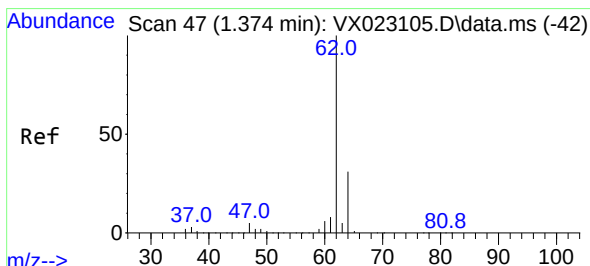
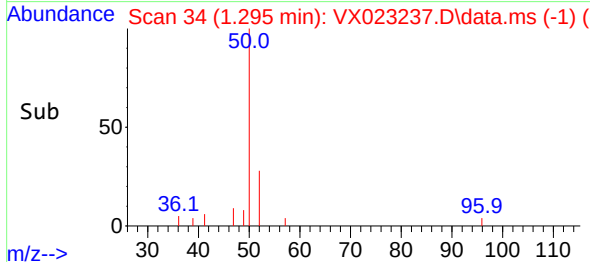
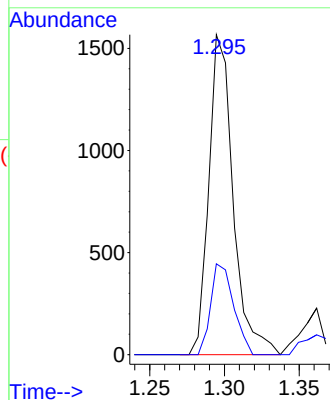
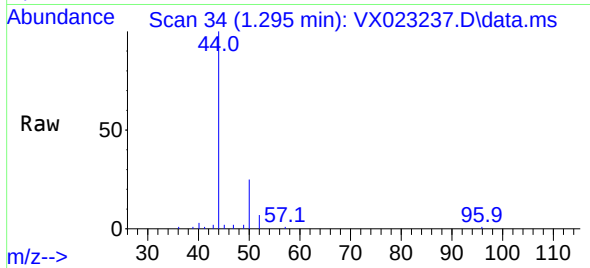
#3
Chloromethane
Concen: 0.742 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 50 Resp: 1772
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

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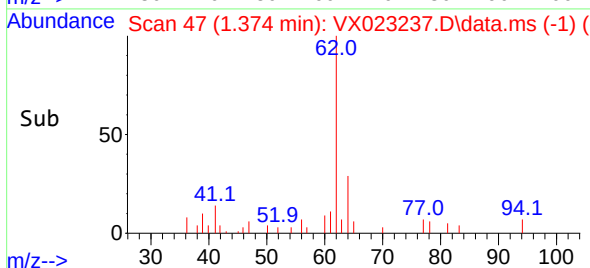
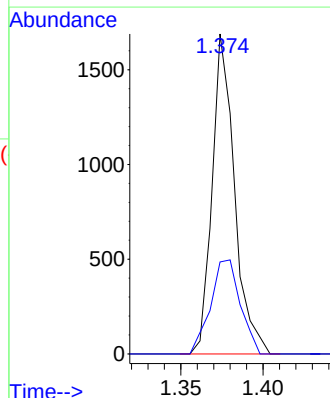
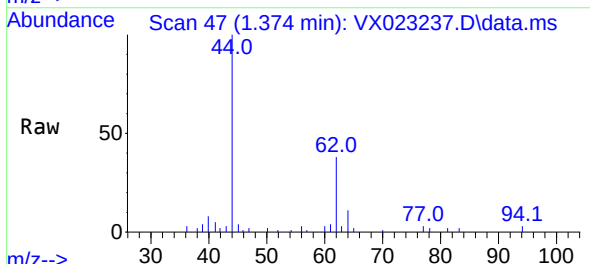
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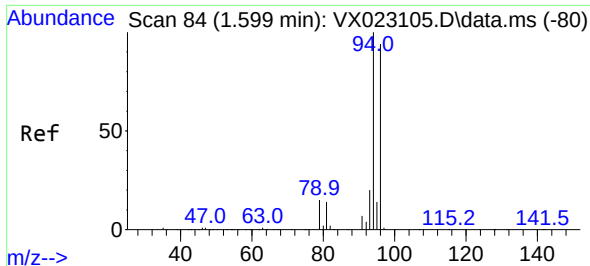
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#4
Vinyl Chloride
Concen: 0.630 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

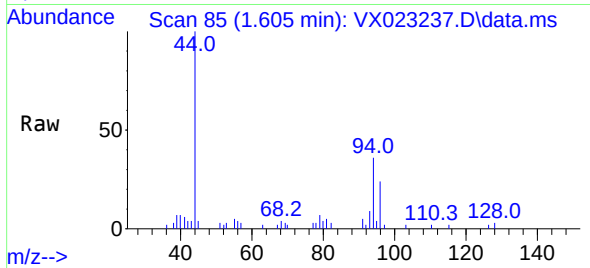
Tgt Ion: 62 Resp: 1595
Ion Ratio Lower Upper
62 100
64 28.7 25.7 38.5





#5
Bromomethane
Concen: 1.004 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

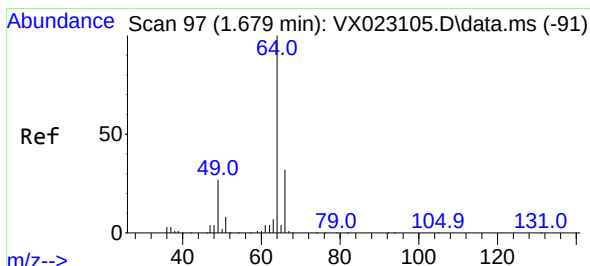
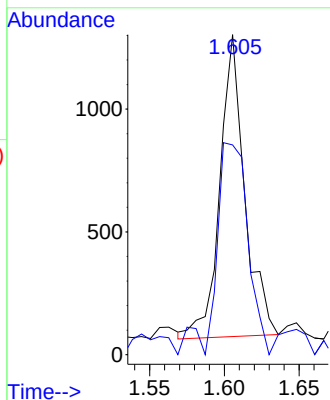
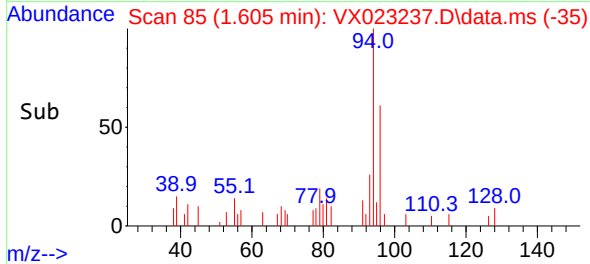
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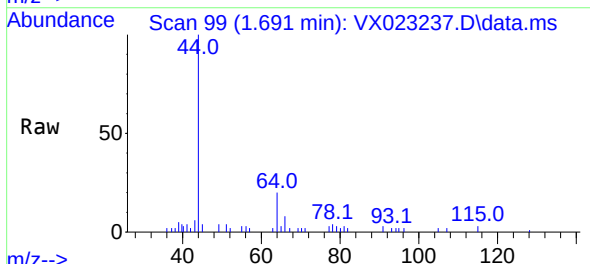
Tgt Ion: 94 Resp: 1421
Ion Ratio Lower Upper
94 100
96 69.9 76.4 114.6#

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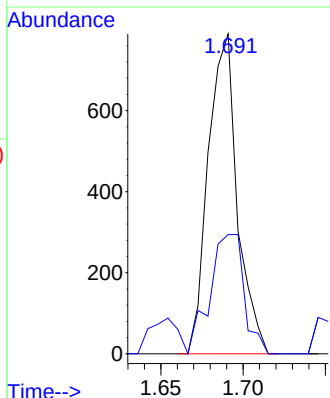
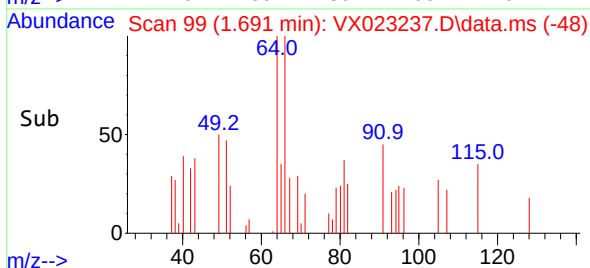
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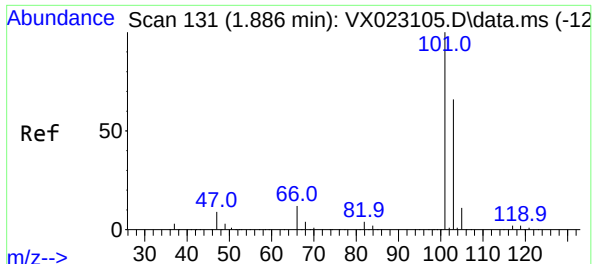


#6
Chloroethane
Concen: 0.585 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion: 64 Resp: 969
Ion Ratio Lower Upper
64 100
66 37.3 25.4 38.0





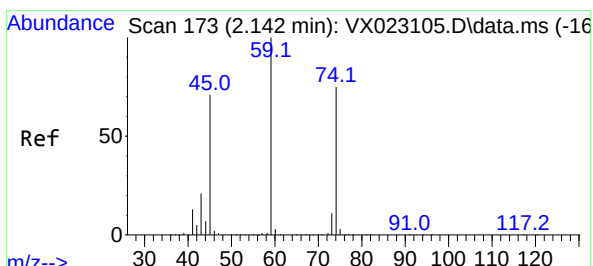
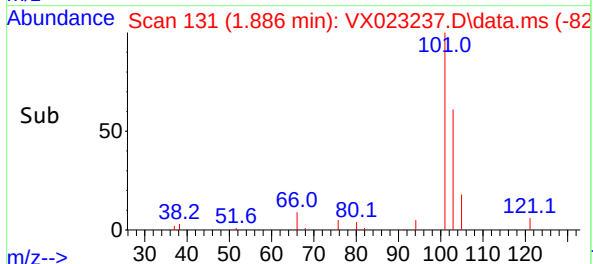
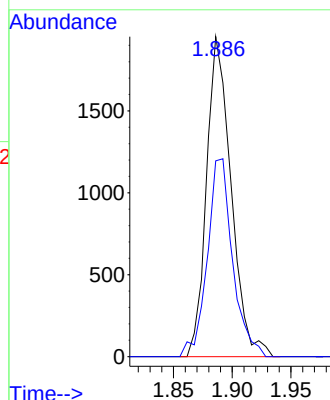
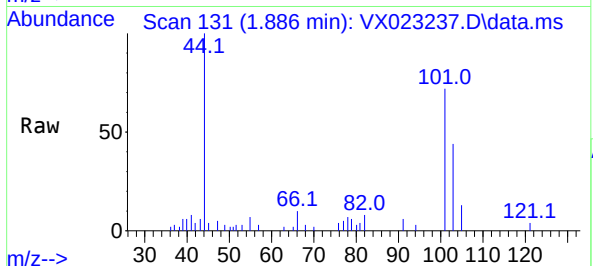
#7
Trichlorofluoromethane
Concen: 0.646 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Tgt Ion:101 Resp: 2841
Ion Ratio Lower Upper
101 100
103 61.2 53.2 79.8

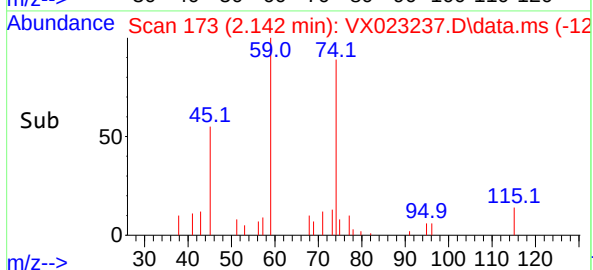
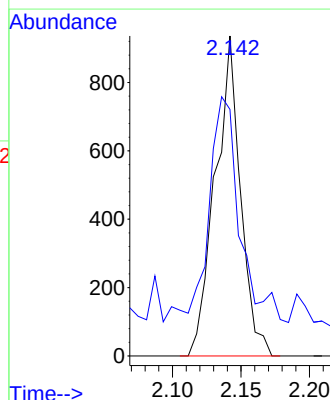
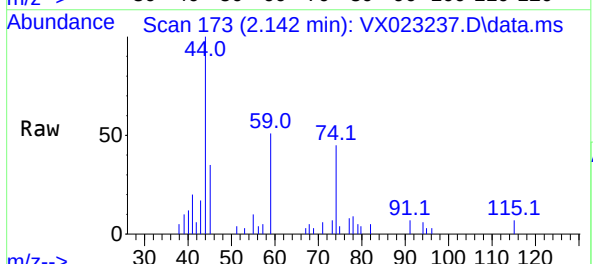
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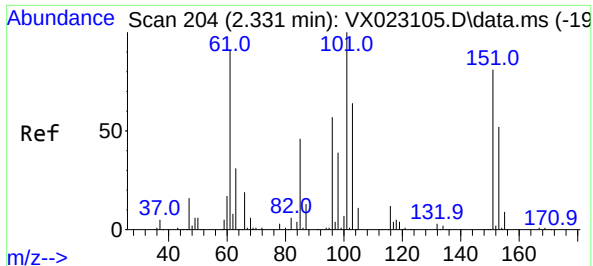
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7/13/2021 6:53:53 PM



#8
Diethyl Ether
Concen: 0.741 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 74 Resp: 1203
Ion Ratio Lower Upper
74 100
45 92.9 44.5 133.5





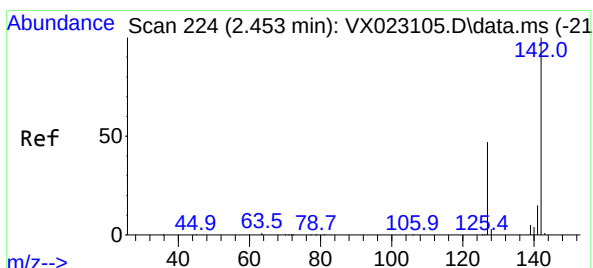
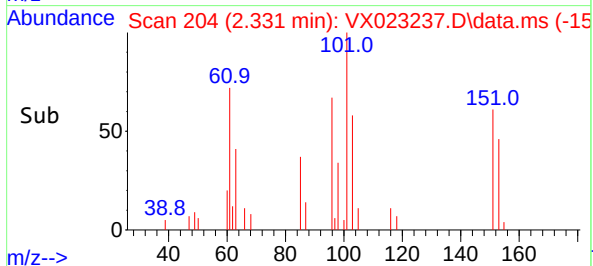
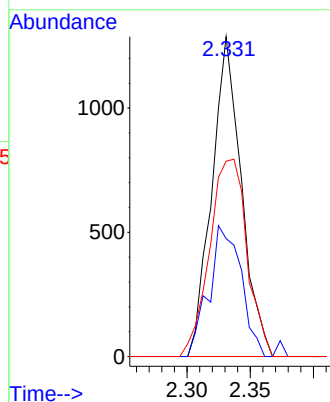
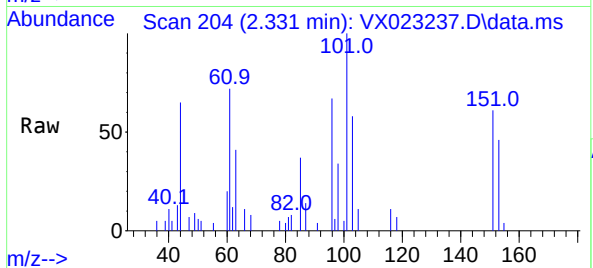
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1,1,2-Trichlorotrifluoroethane
Concen: 0.811 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	101	Resp:	2087
Ion	Ratio	Lower	Upper
101	100		
85	44.7	34.9	52.3
151	78.0	61.4	92.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

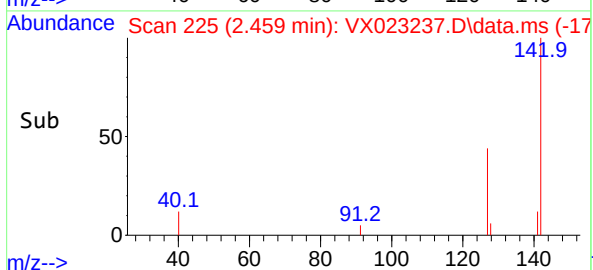
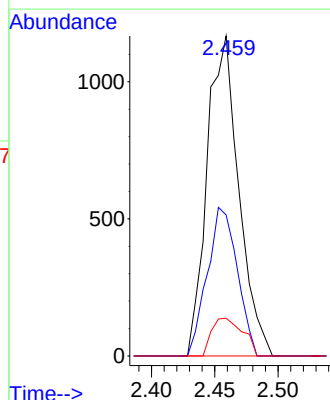
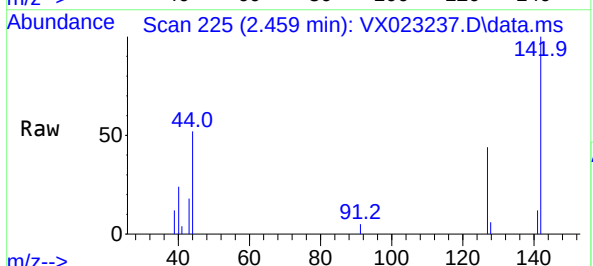
Manual Integrations
APPROVED

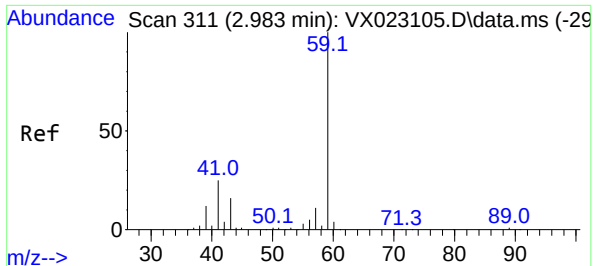
MMDadoda
7/13/2021 6:53:53 PM



#10
Methyl Iodide
Concen: 0.643 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	142	Resp:	2033
Ion	Ratio	Lower	Upper
142	100		
127	44.0	33.3	49.9
141	11.6	11.4	17.0





#11

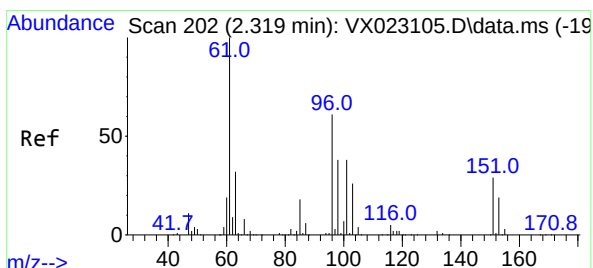
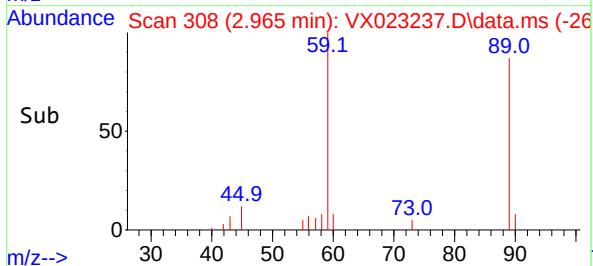
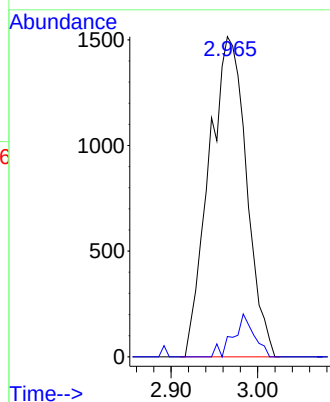
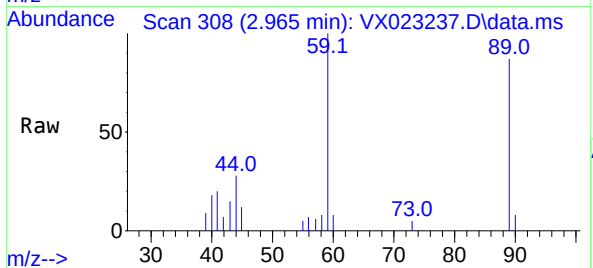
Tert butyl alcohol
Concen: 6.039 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 59 Resp: 4551
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.8#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Manual Integrations
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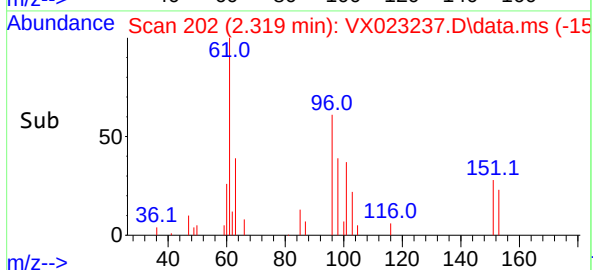
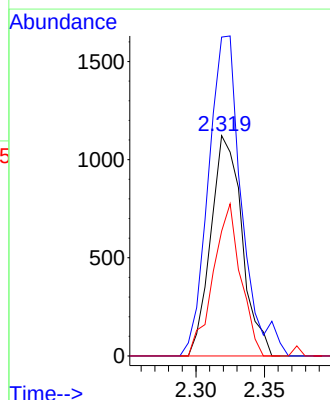
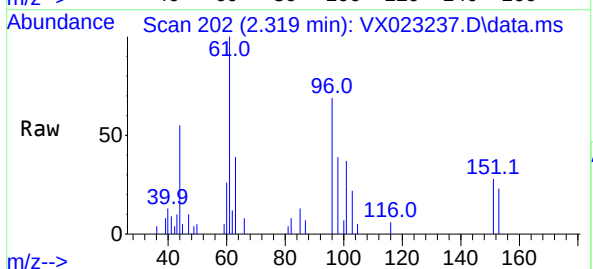
MMDadoda
7/13/2021 6:53:53 PM

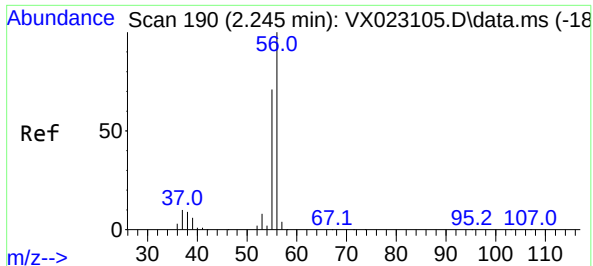


#12

1,1-Dichloroethene
Concen: 0.747 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

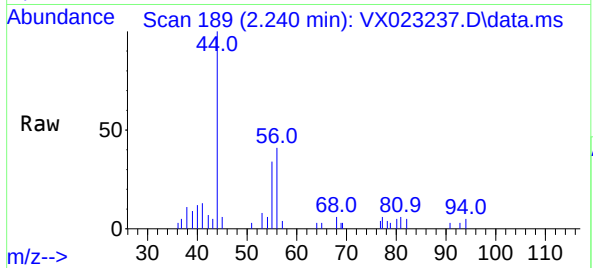
Tgt Ion: 96 Resp: 1775
Ion Ratio Lower Upper
96 100
61 144.7 124.6 187.0
98 56.7 50.6 76.0





#13
Acrolein
Concen: 3.370 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.005 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

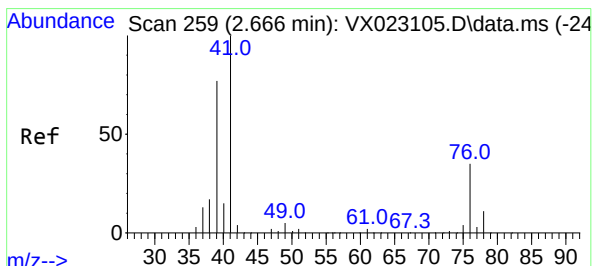
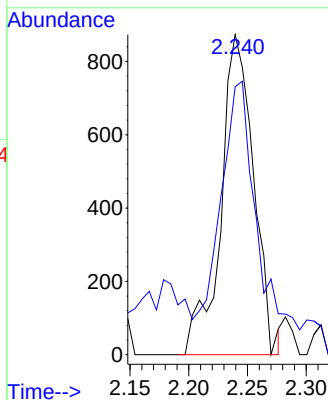
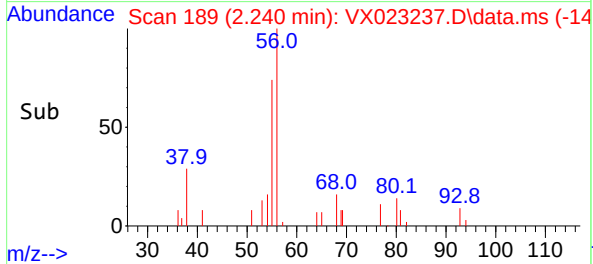
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



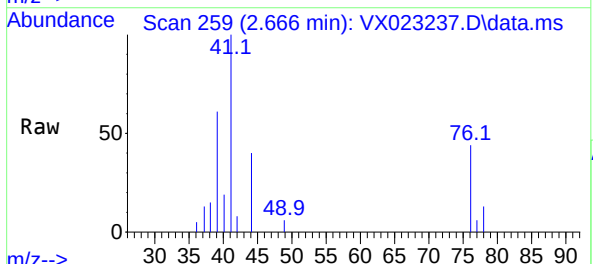
Tgt Ion: 56 Resp: 1691
Ion Ratio Lower Upper
56 100
55 78.9 56.4 84.6

Manual Integrations
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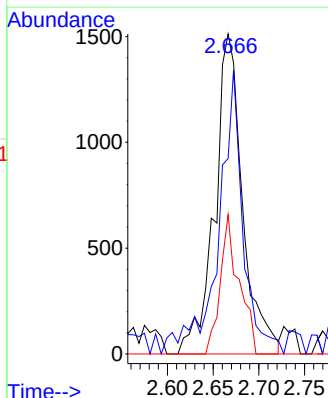
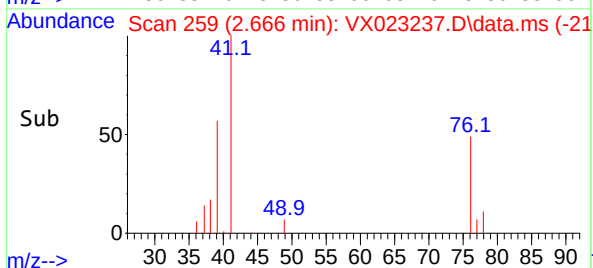
MMDadoda
7/13/2021 6:53:53 PM

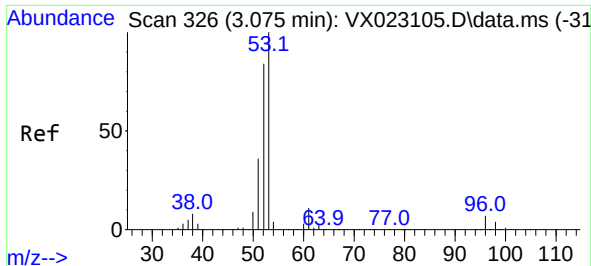


#14
Allyl chloride
Concen: 0.778 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion: 41 Resp: 3214
Ion Ratio Lower Upper
41 100
39 78.1 51.6 77.4#
76 29.2 30.5 45.7#





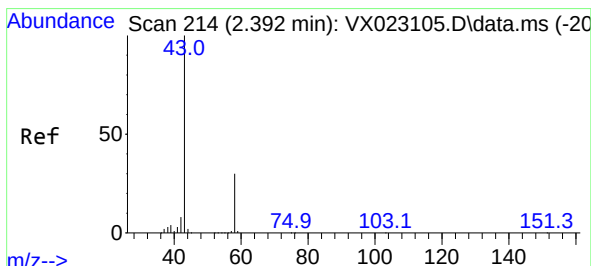
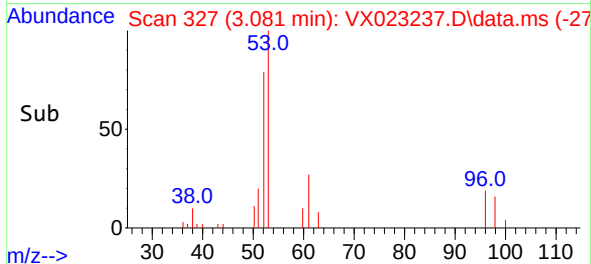
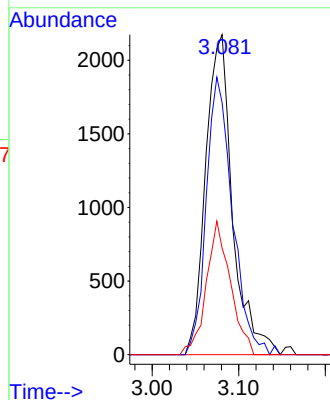
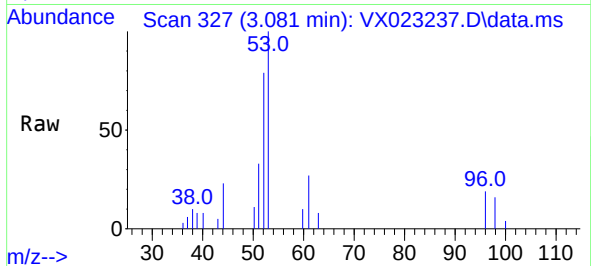
#15
Acrylonitrile
Concen: 3.201 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 53 Resp: 4691
Ion Ratio Lower Upper
53 100
52 84.6 65.3 97.9
51 37.5 28.2 42.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

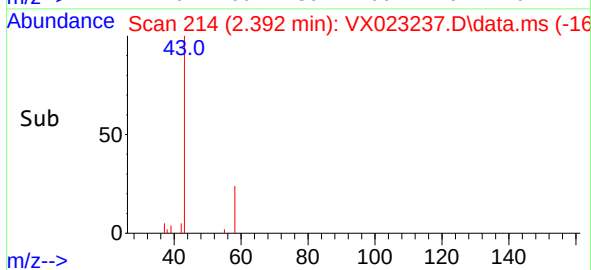
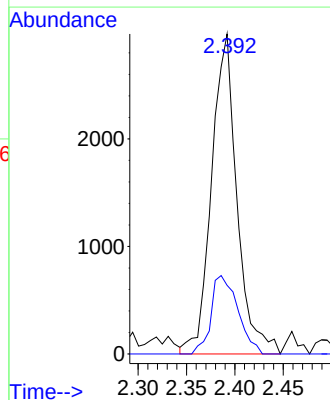
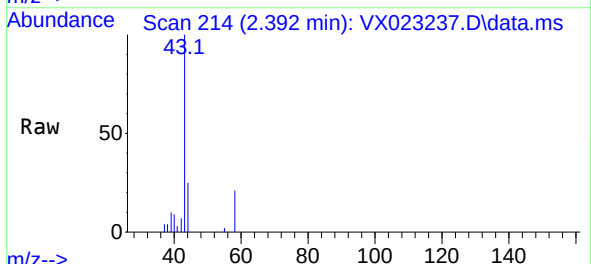
Manual Integrations
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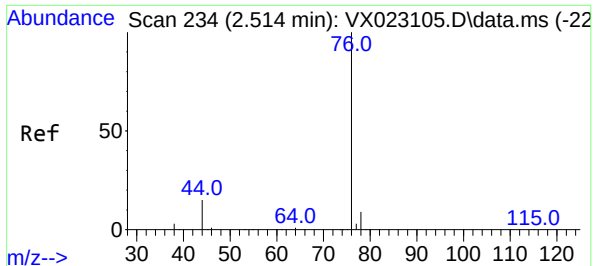
MMDadoda
7/13/2021 6:53:53 PM



#16
Acetone
Concen: 3.841 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 43 Resp: 5443
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#





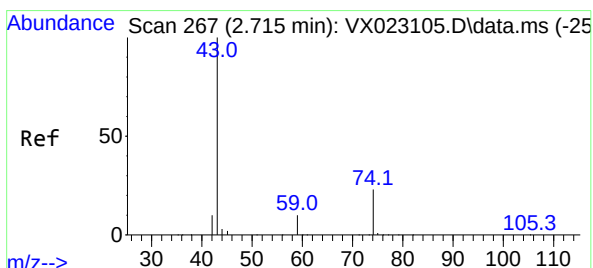
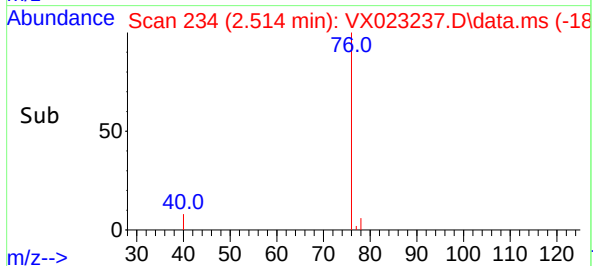
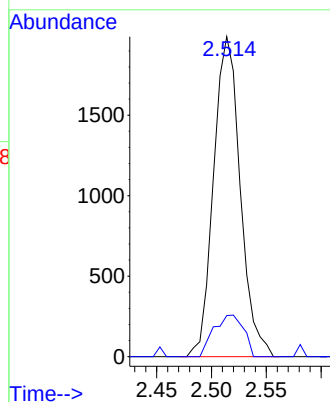
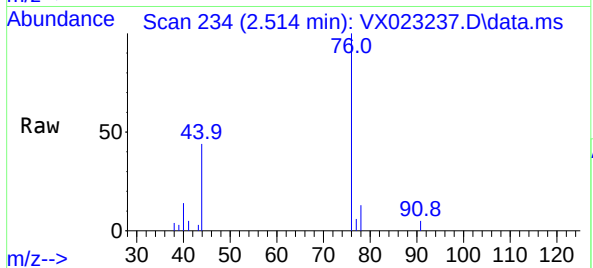
#17
Carbon Disulfide
Concen: 0.671 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 76 Resp: 3362
Ion Ratio Lower Upper
76 100
78 12.8 7.2 10.8#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

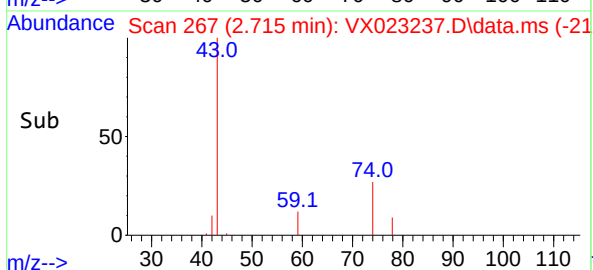
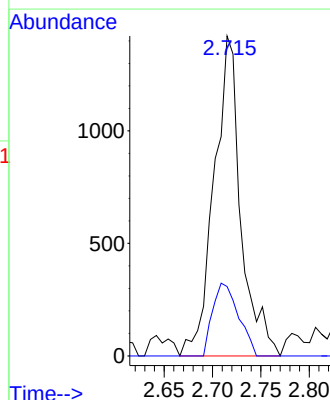
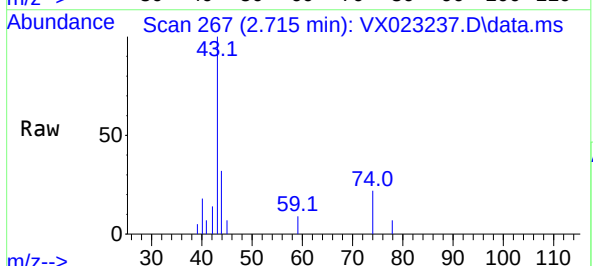
Manual Integrations
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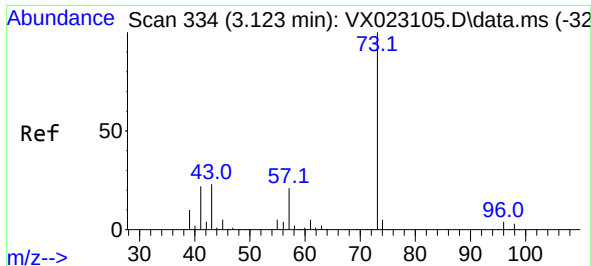
MMDadoda
7/13/2021 6:53:53 PM



#18
Methyl Acetate
Concen: 0.798 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 43 Resp: 2744
Ion Ratio Lower Upper
43 100
74 21.8 21.9 32.9#





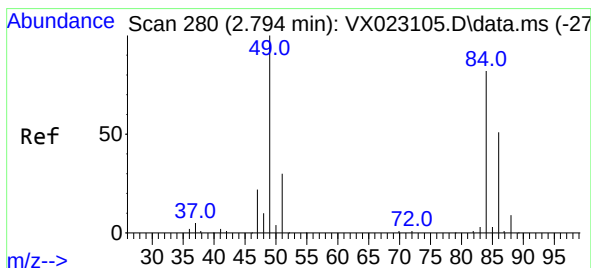
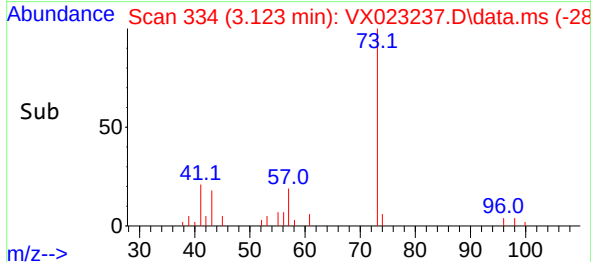
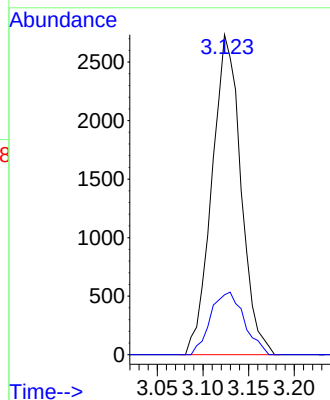
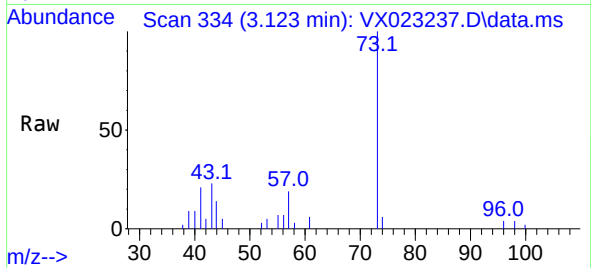
#19
Methyl tert-butyl Ether
Concen: 0.679 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 73 Resp: 6032
Ion Ratio Lower Upper
73 100
57 18.7 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

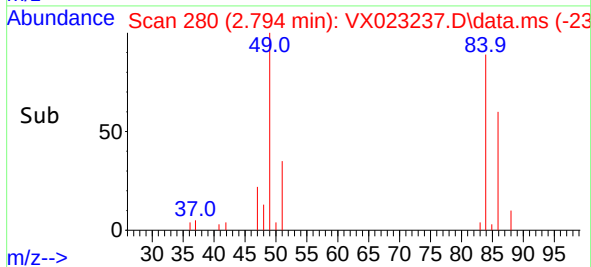
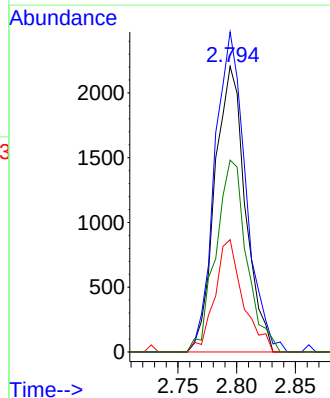
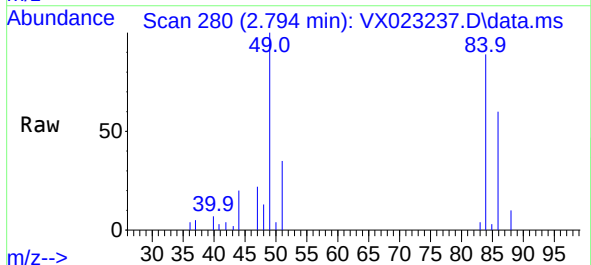
Manual Integrations
APPROVED

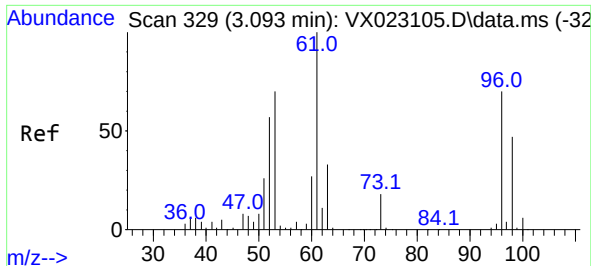
MMDadoda
7/13/2021 6:53:53 PM



#20
Methylene Chloride
Concen: 1.301 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 84 Resp: 3969
Ion Ratio Lower Upper
84 100
49 112.1 88.6 132.8
51 39.4 27.0 40.6
86 67.2 50.3 75.5





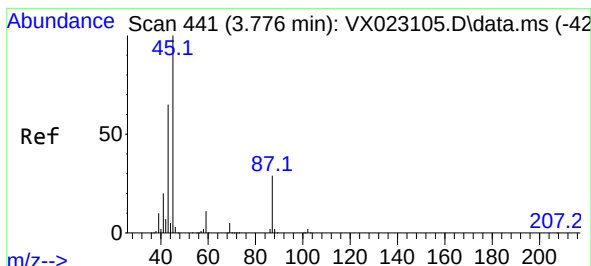
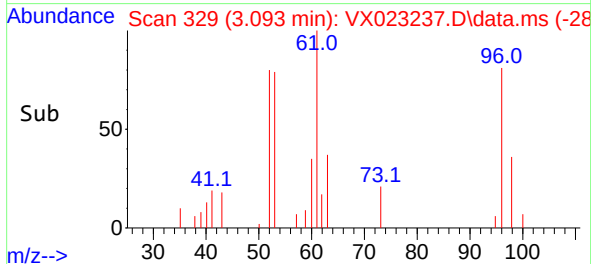
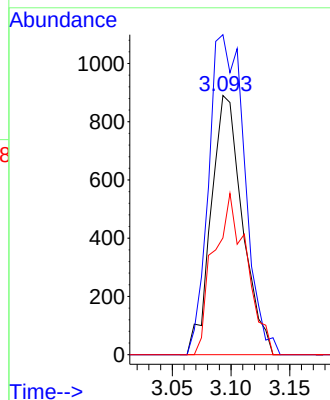
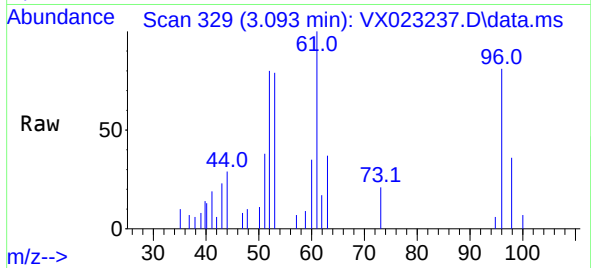
#21
trans-1,2-Dichloroethene
Concen: 0.645 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 96 Resp: 1655
Ion Ratio Lower Upper
96 100
61 123.5 107.7 161.5
98 45.1 50.4 75.6#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

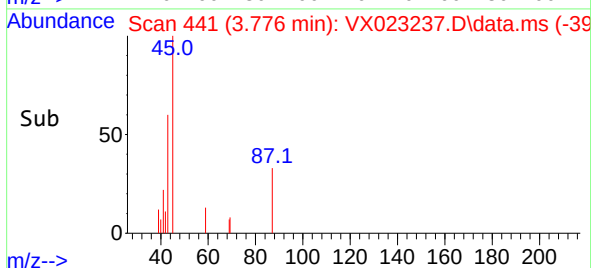
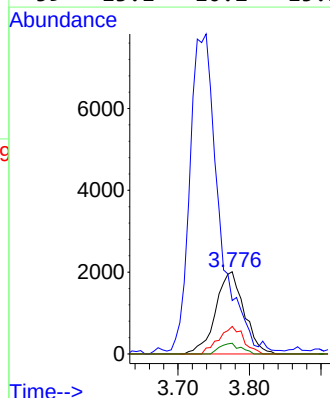
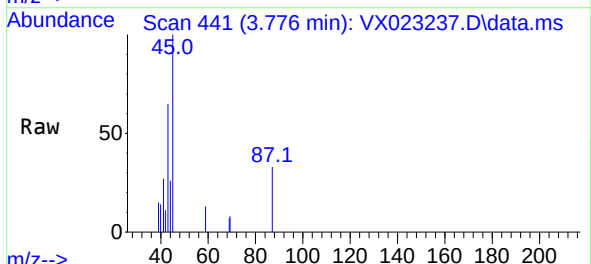
Manual Integrations
APPROVED

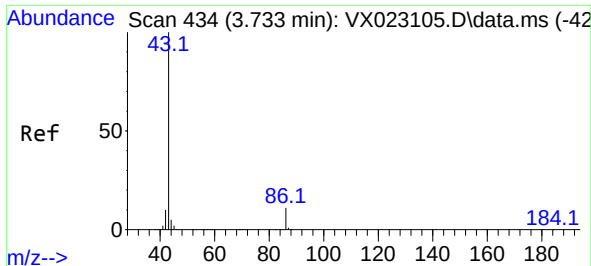
MMDadoda
7/13/2021 6:53:53 PM



#22
Diisopropyl ether
Concen: 0.636 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

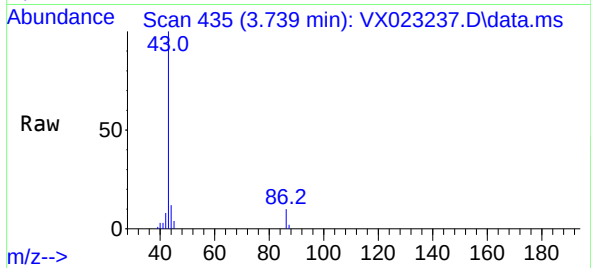
Tgt Ion: 45 Resp: 5532
Ion Ratio Lower Upper
45 100
43 60.6 58.0 87.0
87 33.5 25.4 38.0
59 13.1 10.2 15.2





#23
Vinyl Acetate
Concen: 2.926 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

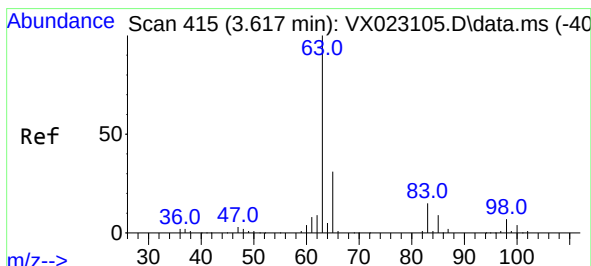
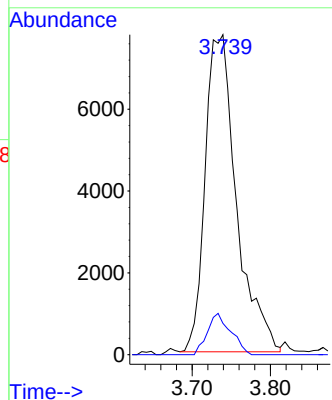
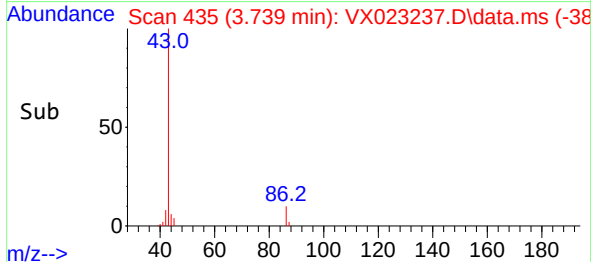
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



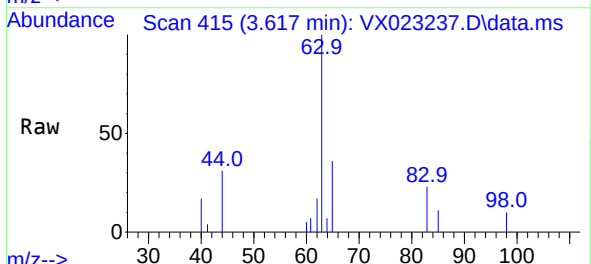
Tgt Ion: 43 Resp: 21553
Ion Ratio Lower Upper
43 100
86 9.9 9.9 14.9#

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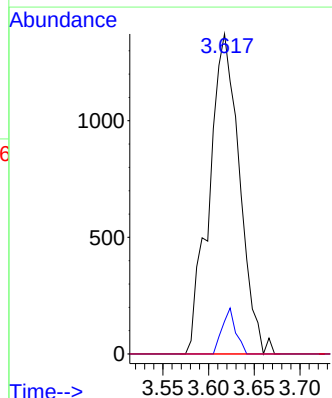
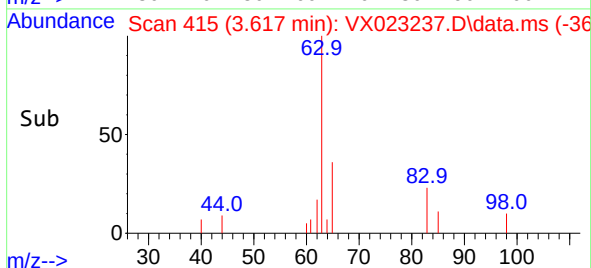
MMDadoda
7/13/2021 6:53:53 PM

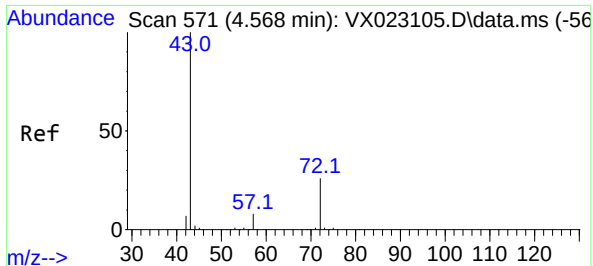


#24
1,1-Dichloroethane
Concen: 0.644 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion: 63 Resp: 3166
Ion Ratio Lower Upper
63 100
98 10.2 3.8 11.2
100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 3.500 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX023237.D

Acq: 12 Jul 2021 13:15

Tgt Ion: 43 Resp: 7480

Ion Ratio Lower Upper

43 100

72 24.7 23.7 35.5

Instrument :

MSVOA_X

ClientSampleId :

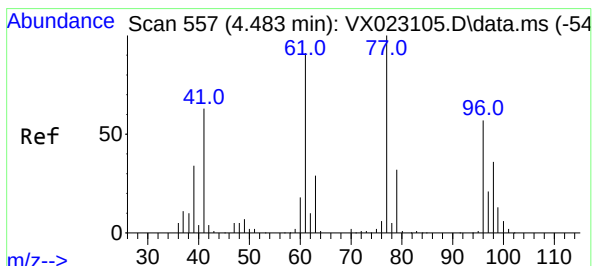
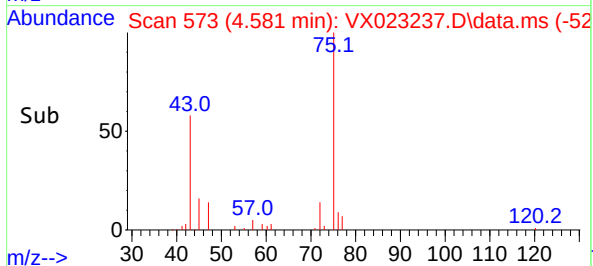
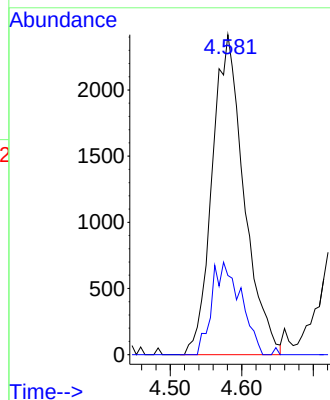
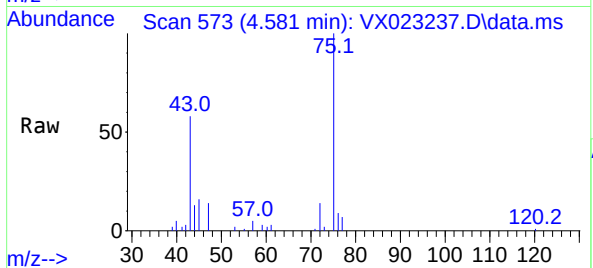
MDL-WATER-03-QT3-2021DL

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 0.691 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX023237.D

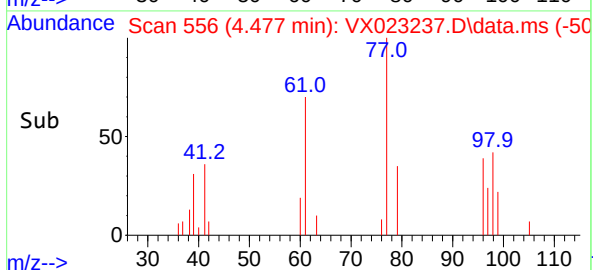
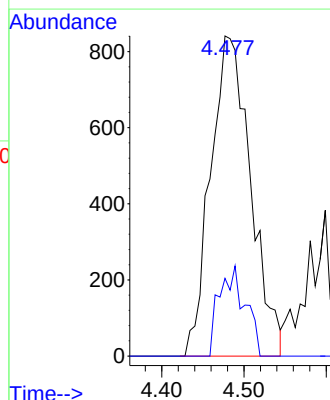
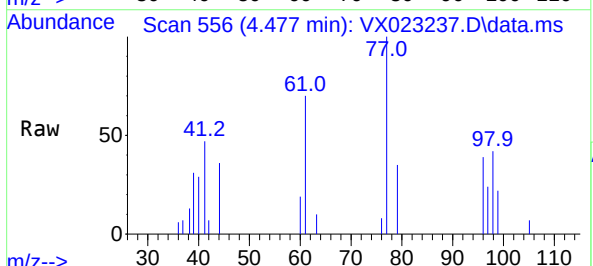
Acq: 12 Jul 2021 13:15

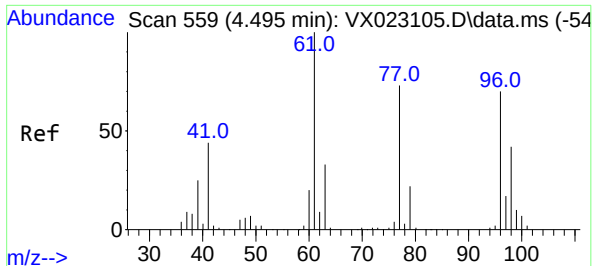
Tgt Ion: 77 Resp: 2852

Ion Ratio Lower Upper

77 100

97 18.2 11.7 35.1





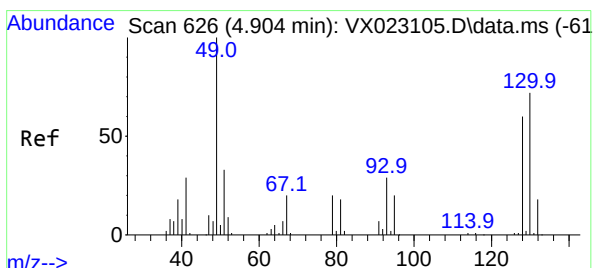
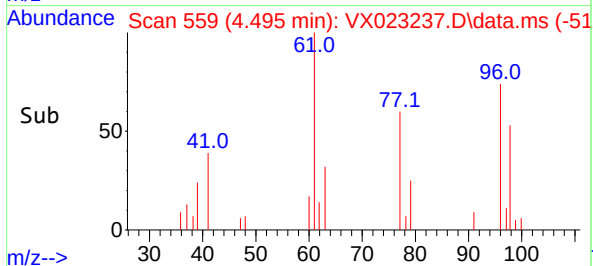
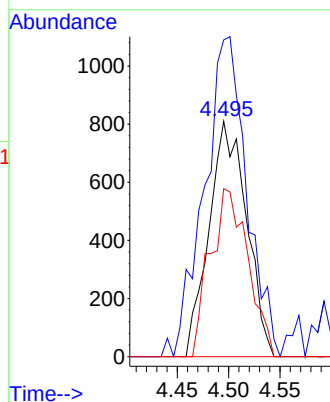
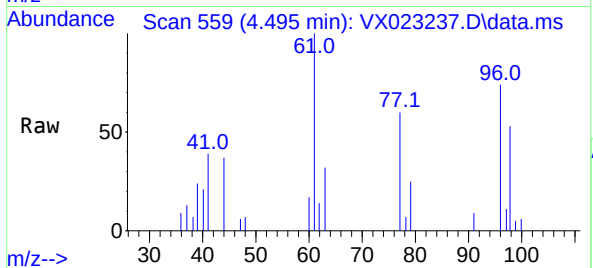
#27
 cis-1,2-Dichloroethene
 Concen: 0.663 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX023237.D
 Acq: 12 Jul 2021 13:15

Tgt Ion:	96	Resp:	2060
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	285.6
98	71.7	0.0	129.6

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

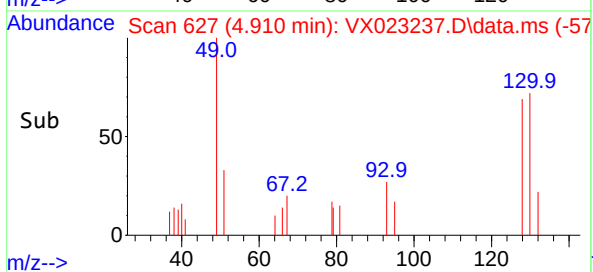
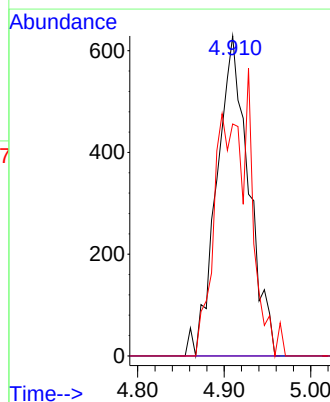
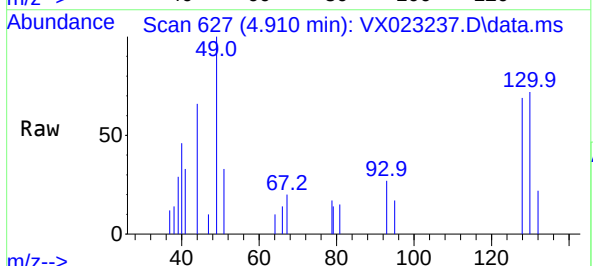
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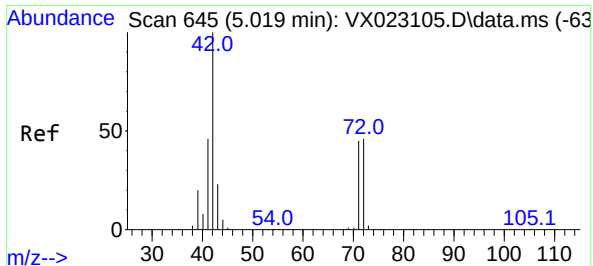
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#28
 Bromochloromethane
 Concen: 0.689 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: VX023237.D
 Acq: 12 Jul 2021 13:15

Tgt Ion:	49	Resp:	1608
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	90.1	68.2	102.2





#29

Tetrahydrofuran

Concen: 3.194 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX023237.D

Acq: 12 Jul 2021 13:15

Tgt Ion:	42	Resp:	4388
Ion	Ratio	Lower	Upper
42	100		
72	42.7	41.7	62.5
71	48.0	38.4	57.6

Instrument :

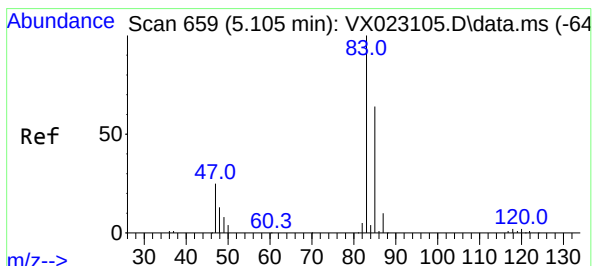
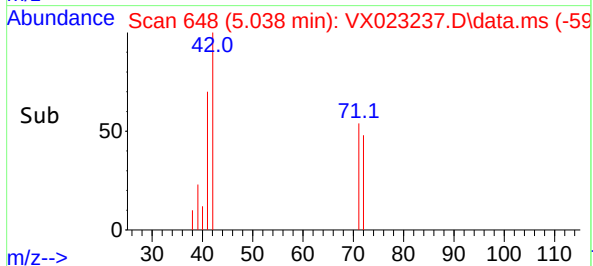
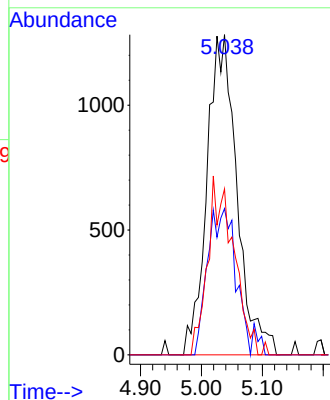
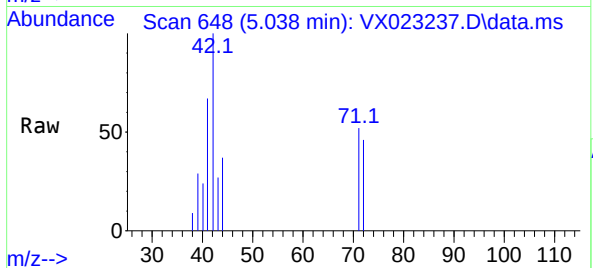
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ClientSampleId :

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#30

Chloroform

Concen: 0.735 ug/l

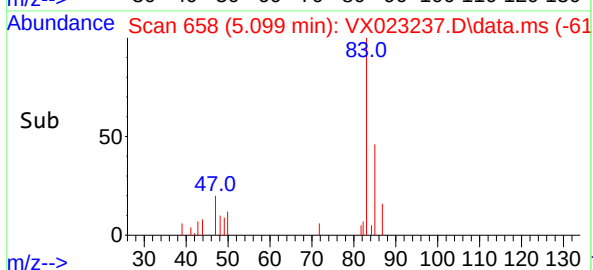
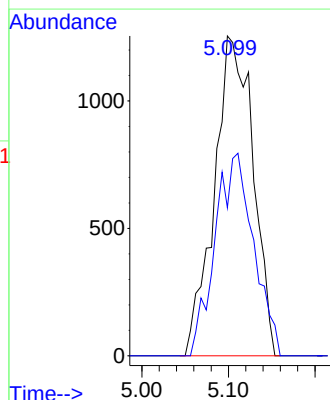
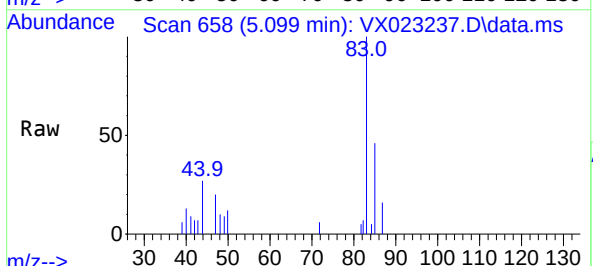
RT: 5.099 min Scan# 658

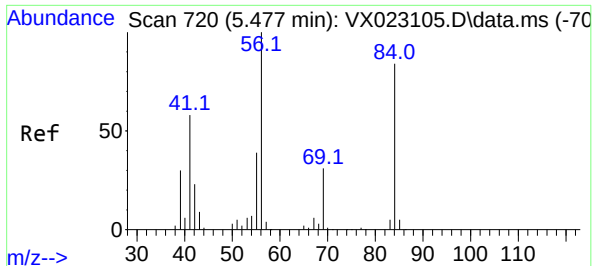
Delta R.T. -0.006 min

Lab File: VX023237.D

Acq: 12 Jul 2021 13:15

Tgt Ion:	83	Resp:	3902
Ion	Ratio	Lower	Upper
83	100		
85	46.3	52.0	78.0#





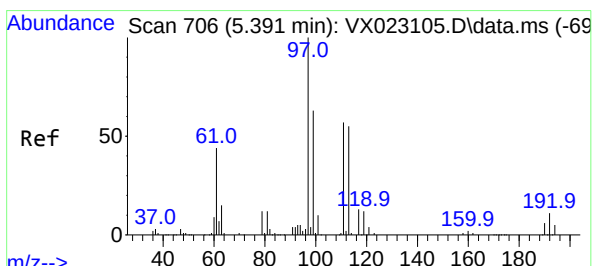
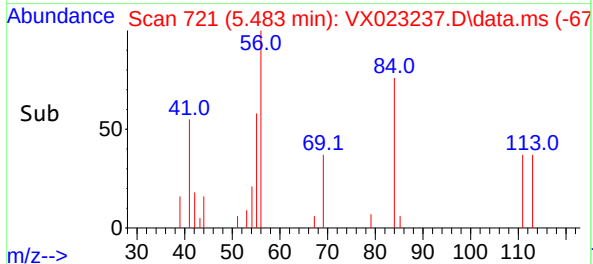
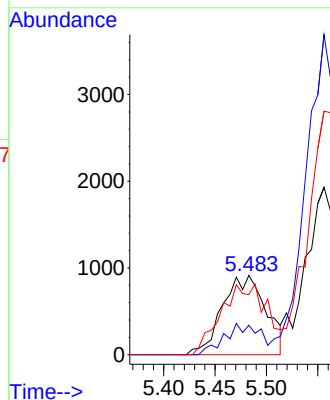
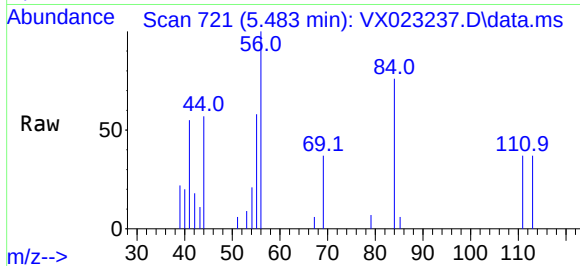
#31
Cyclohexane
Concen: 0.629 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	56	Resp:	2696
Ion	Ratio	Lower	Upper
56	100		
69	37.2	25.3	37.9
84	75.8	71.4	107.0

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

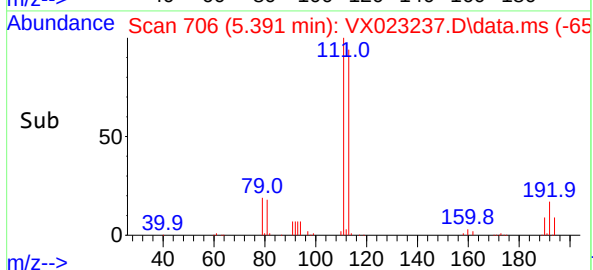
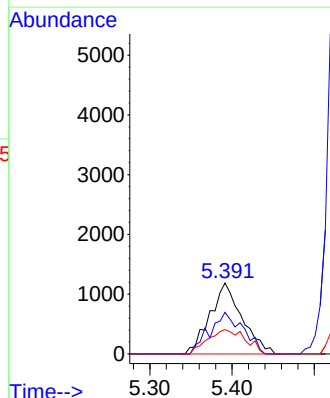
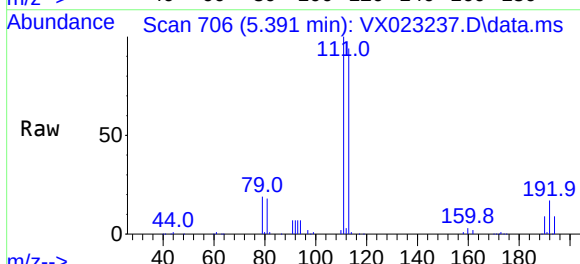
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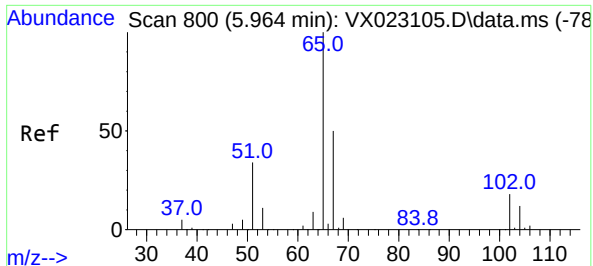
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#32
1,1,1-Trichloroethane
Concen: 0.694 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	97	Resp:	3209
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	40.3	34.2	51.4





#33

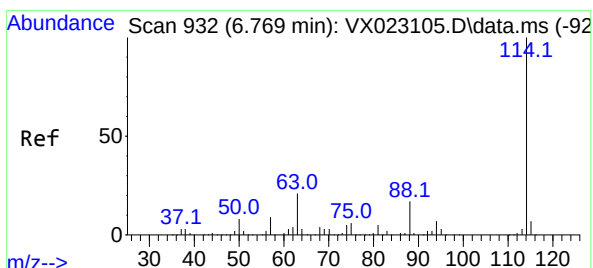
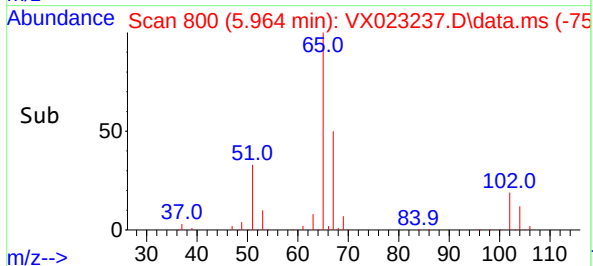
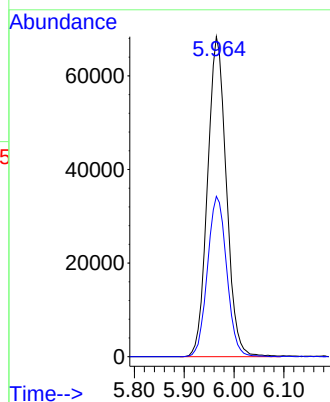
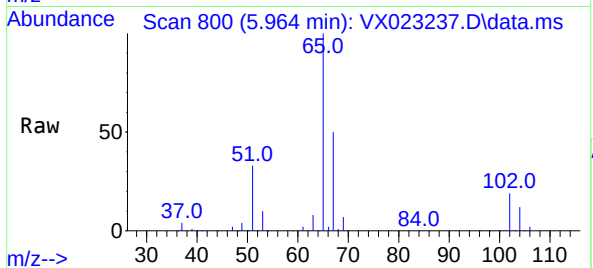
1,2-Dichloroethane-d4
Concen: 50.017 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 65 Resp: 179165
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
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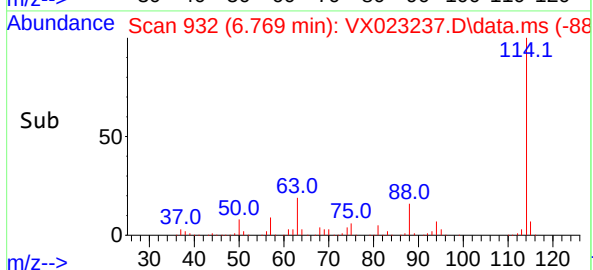
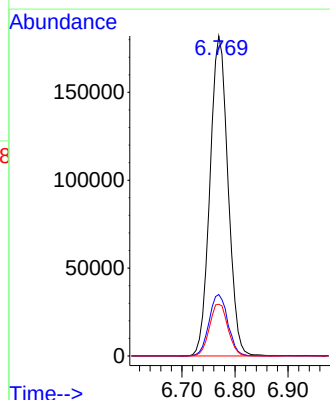
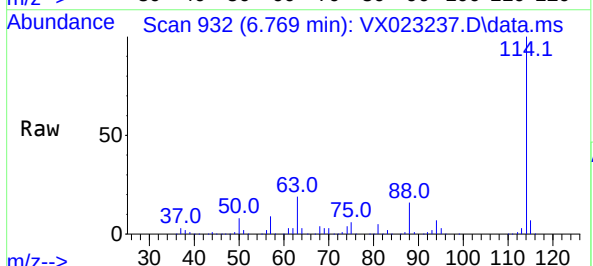
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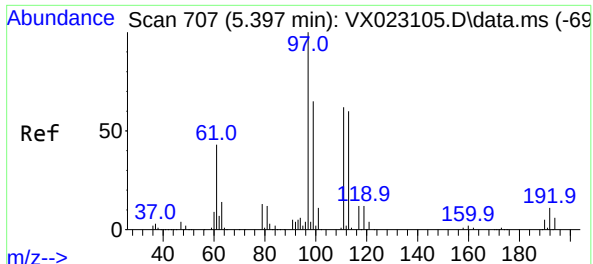


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

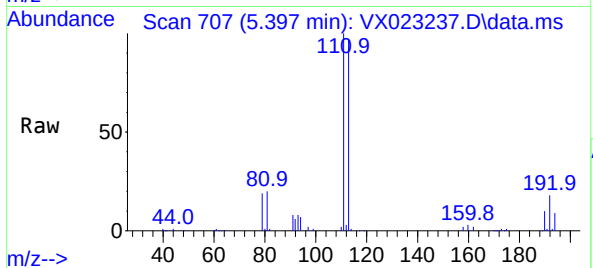
Tgt Ion: 114 Resp: 429720
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.8
88 16.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.573 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

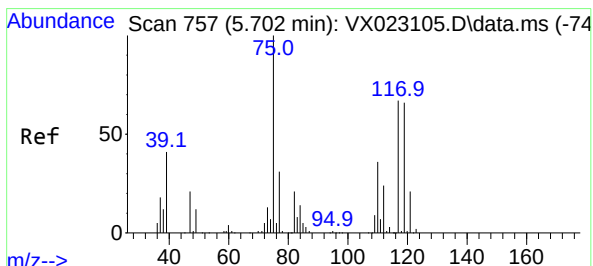
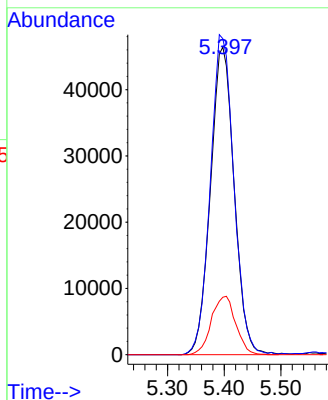
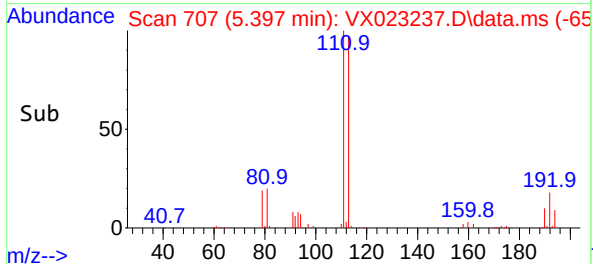
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



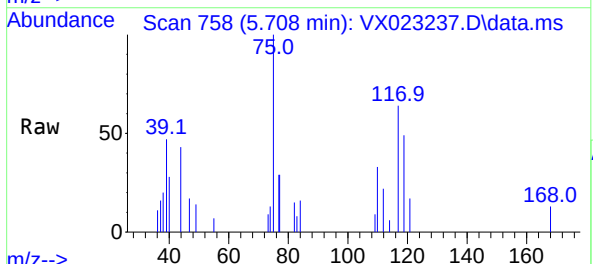
Tgt Ion:113 Resp: 134787
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.4 16.7 25.1

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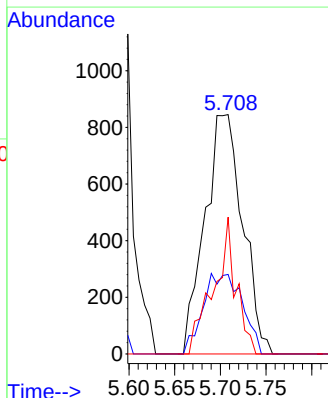
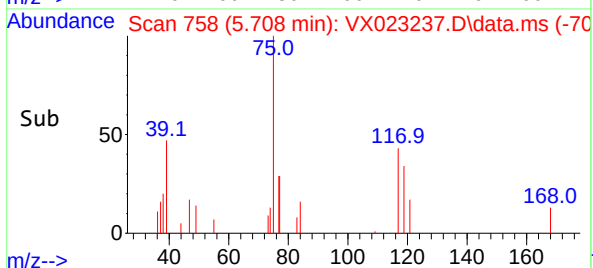
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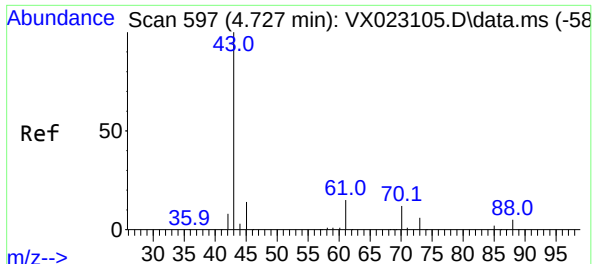


#36
1,1-Dichloropropene
Concen: 0.636 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion: 75 Resp: 2436
Ion Ratio Lower Upper
75 100
110 34.8 18.1 54.4
77 33.8 25.3 37.9





#37

Ethyl Acetate

Concen: 0.591 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.006 min

Lab File: VX023237.D

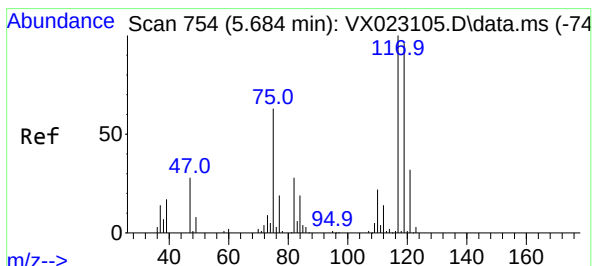
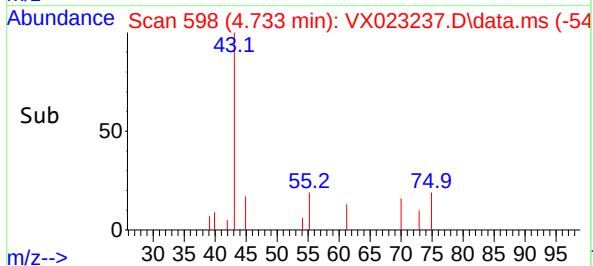
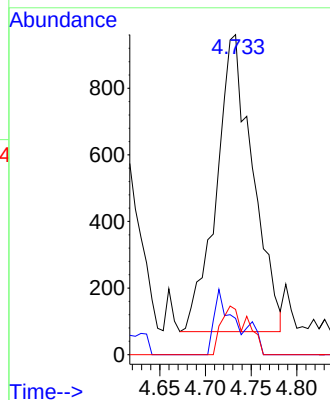
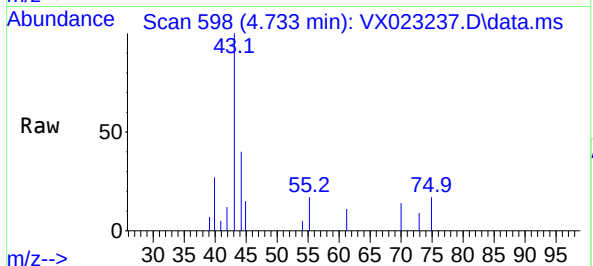
Acq: 12 Jul 2021 13:15

Tgt Ion:	43	Resp:	2468
Ion	Ratio	Lower	Upper
43	100		
61	10.5	12.8	19.2#
70	11.9	10.5	15.7

Instrument :
MSVOA_X
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 0.739 ug/l

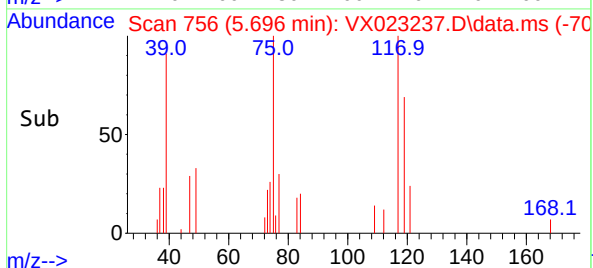
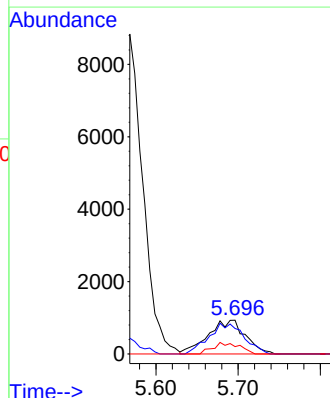
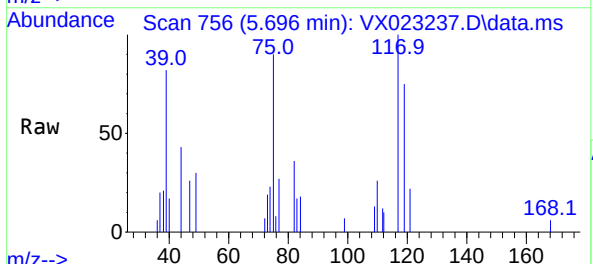
RT: 5.696 min Scan# 756

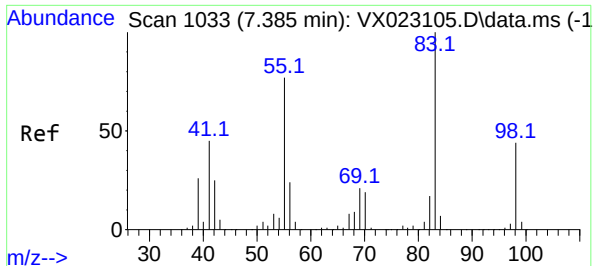
Delta R.T. 0.012 min

Lab File: VX023237.D

Acq: 12 Jul 2021 13:15

Tgt Ion:	117	Resp:	2956
Ion	Ratio	Lower	Upper
117	100		
119	75.1	76.2	114.2#
121	21.9	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.655 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX023237.D

Acq: 12 Jul 2021 13:15

Tgt Ion:	83	Resp:	2935
Ion	Ratio	Lower	Upper
83	100		
55	62.6	58.9	88.3
98	43.4	38.1	57.1

Instrument :

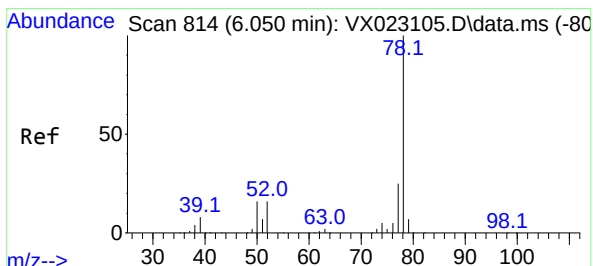
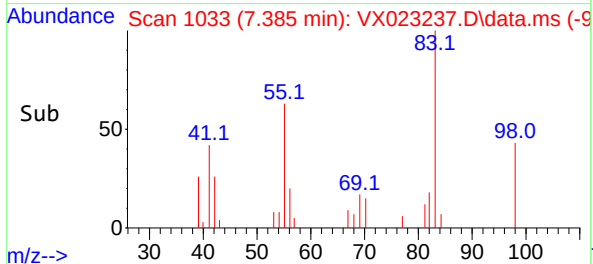
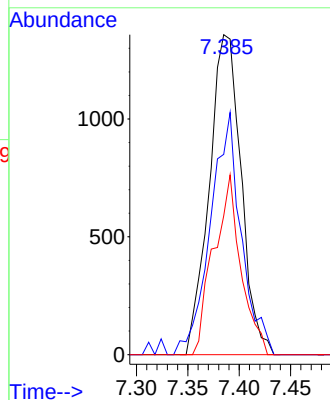
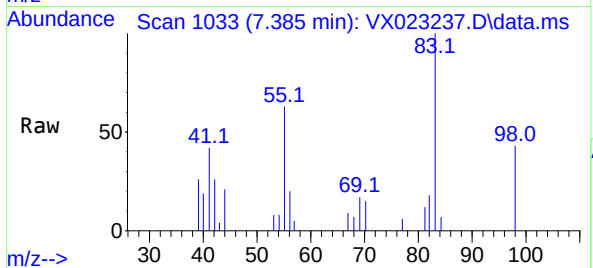
MSVOA_X

ClientSampleId :

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#40

Benzene

Concen: 0.651 ug/l

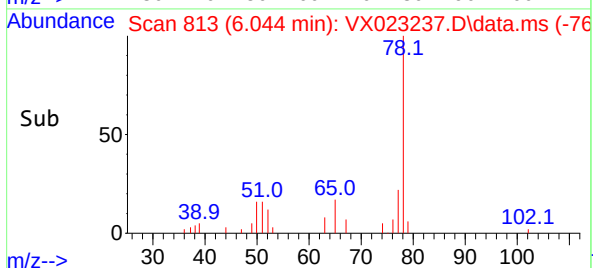
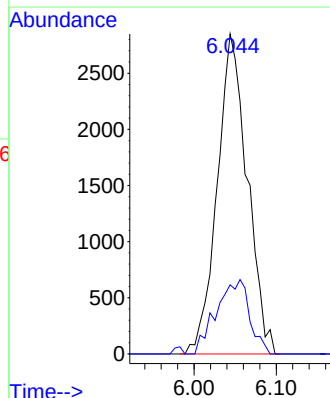
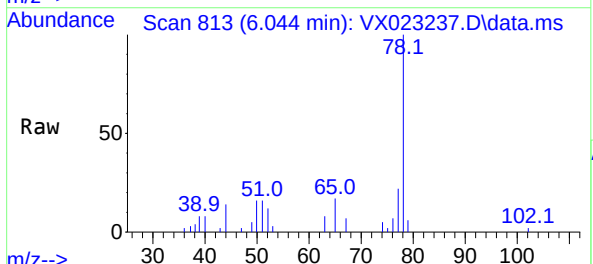
RT: 6.044 min Scan# 813

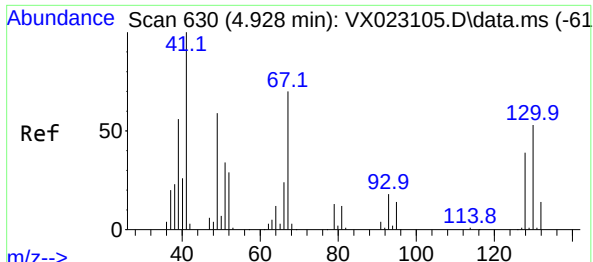
Delta R.T. -0.006 min

Lab File: VX023237.D

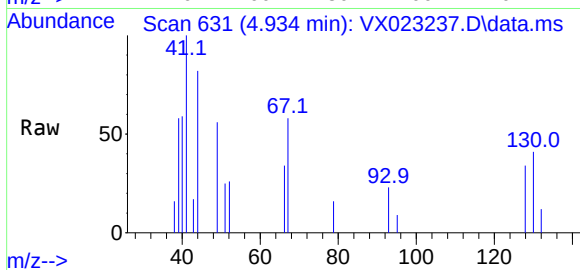
Acq: 12 Jul 2021 13:15

Tgt Ion:	78	Resp:	7235
Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.9	28.3

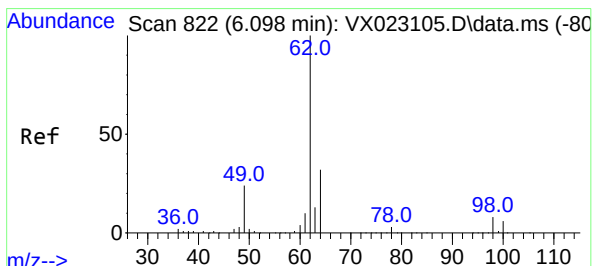
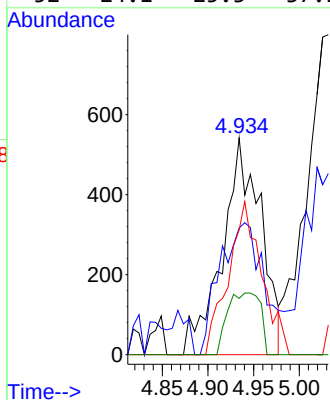
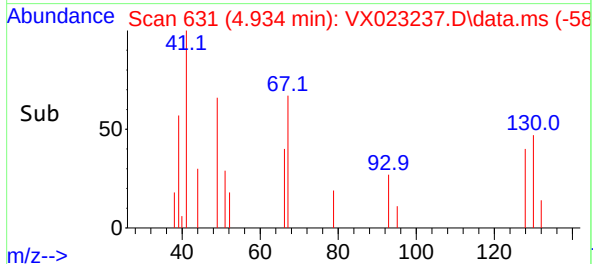




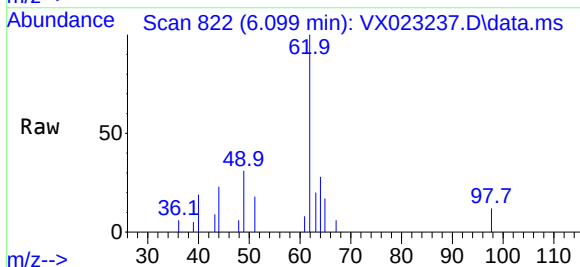
#41
Methacrylonitrile
Concen: 0.685 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



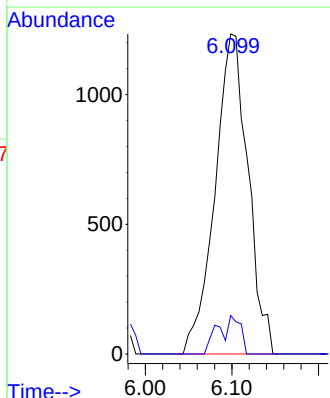
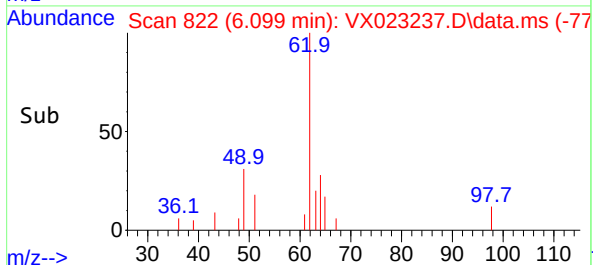
Tgt Ion: 41 Resp: 1601
Ion Ratio Lower Upper
41 100
39 70.5 42.5 63.7#
67 60.9 65.0 97.6#
52 24.1 25.3 37.9#



#42
1,2-Dichloroethane
Concen: 0.731 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



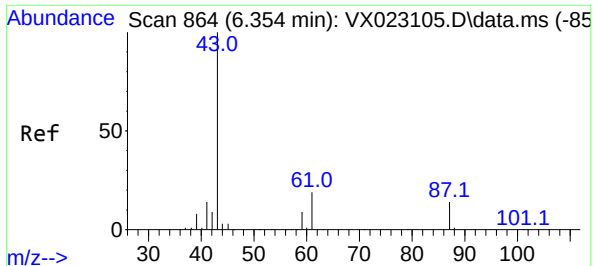
Tgt Ion: 62 Resp: 3265
Ion Ratio Lower Upper
62 100
98 4.3 0.0 20.2



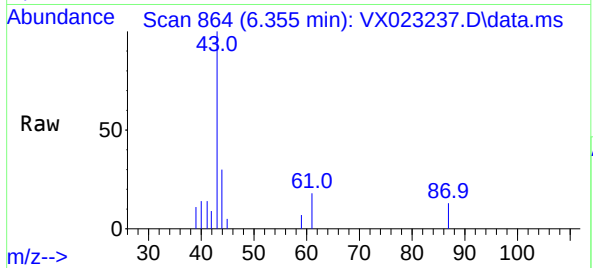
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

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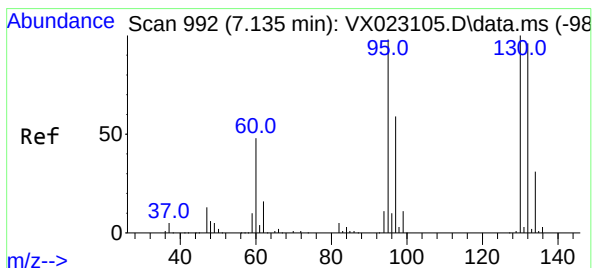
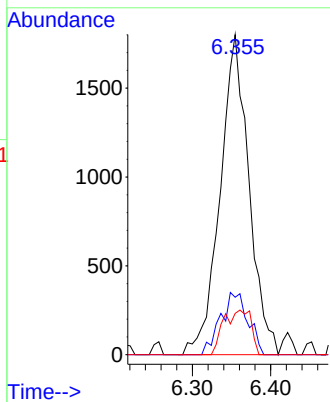
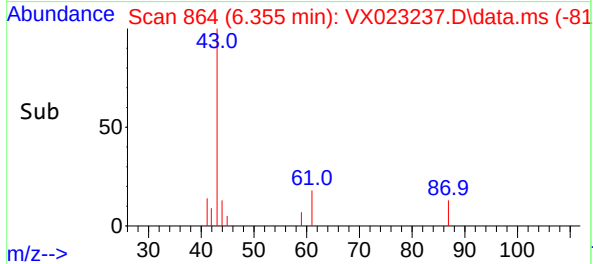
MMDadoda
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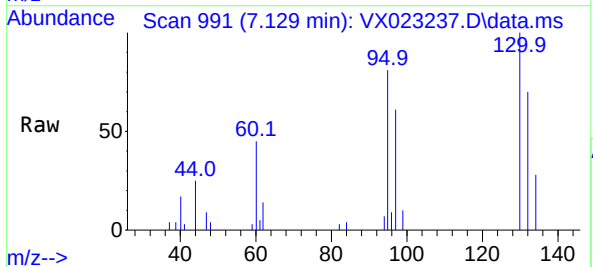
#43
Isopropyl Acetate
Concen: 0.663 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



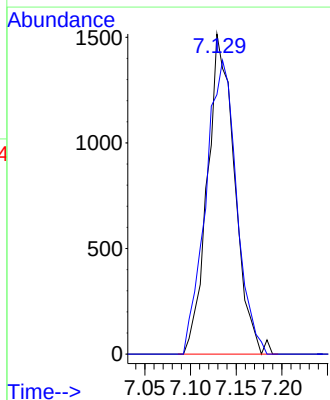
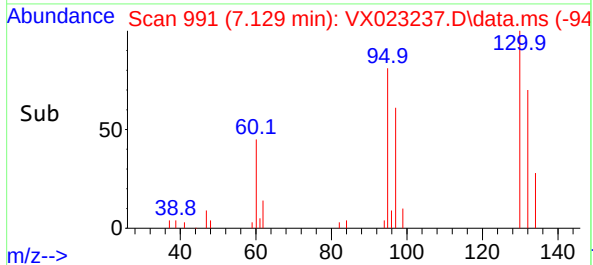
Tgt Ion: 43 Resp: 4611
Ion Ratio Lower Upper
43 100
61 18.5 18.2 27.4
87 13.3 12.5 18.7



#44
Trichloroethene
Concen: 0.997 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



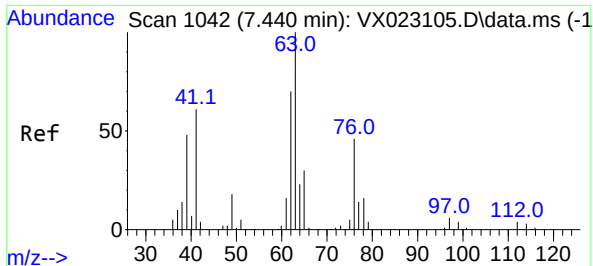
Tgt Ion: 130 Resp: 3145
Ion Ratio Lower Upper
130 100
95 81.1 0.0 198.0



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

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#45

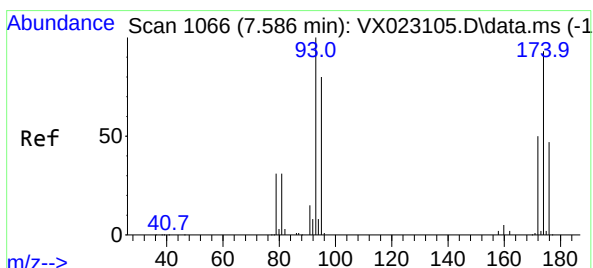
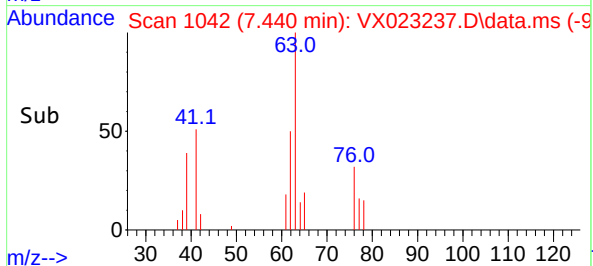
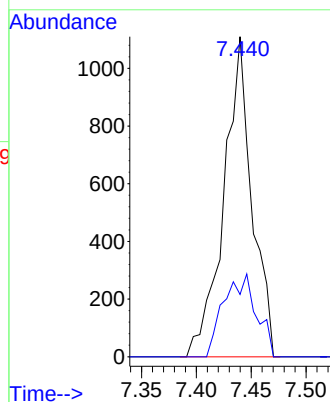
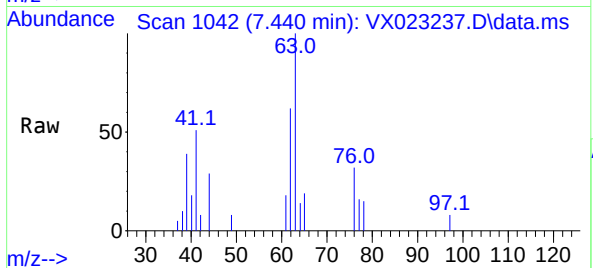
1,2-Dichloropropane
Concen: 0.682 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 63 Resp: 1980
Ion Ratio Lower Upper
63 100
65 19.5 25.7 38.5#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Manual Integrations
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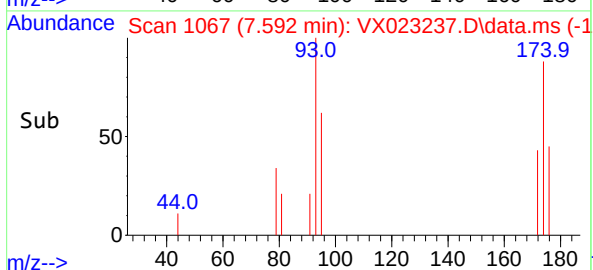
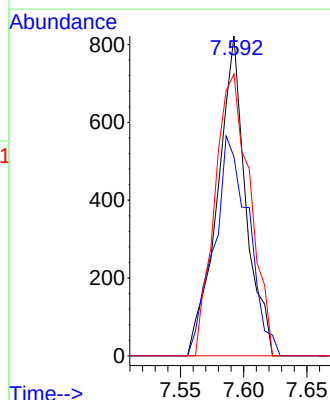
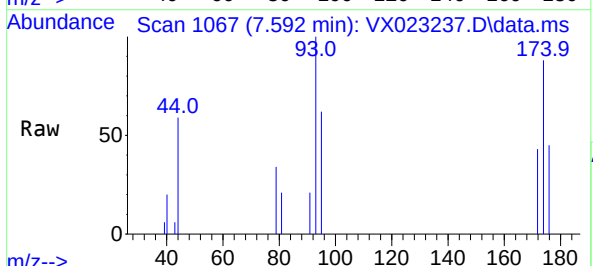
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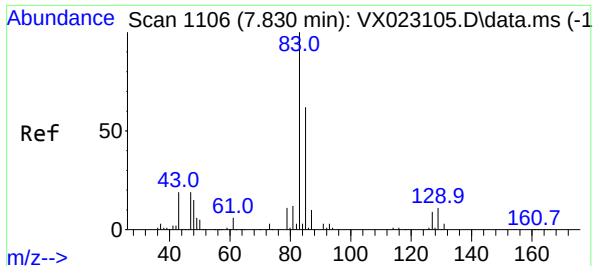


#46

Dibromomethane
Concen: 0.619 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 93 Resp: 1283
Ion Ratio Lower Upper
93 100
95 84.0 66.8 100.2
174 108.6 83.1 124.7





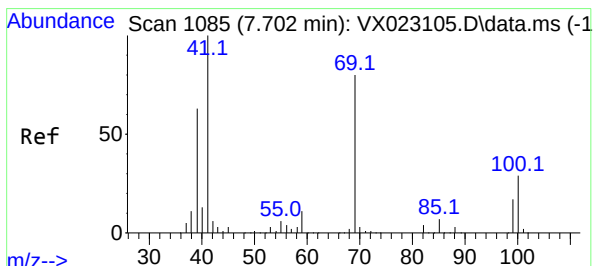
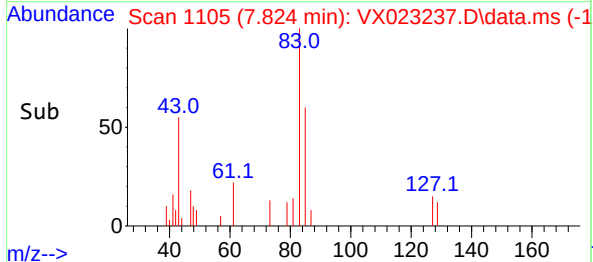
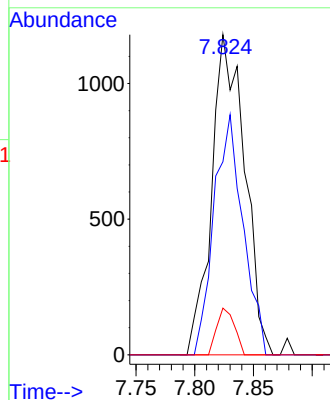
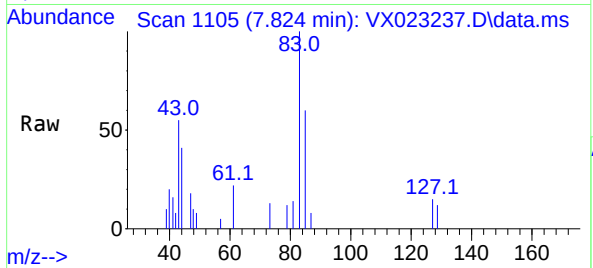
#47
Bromodichloromethane
Concen: 0.610 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 83	Resp: 2308
Ion Ratio	Lower Upper
83 100	
85 60.3	51.4 77.0
127 14.6	6.8 10.2#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

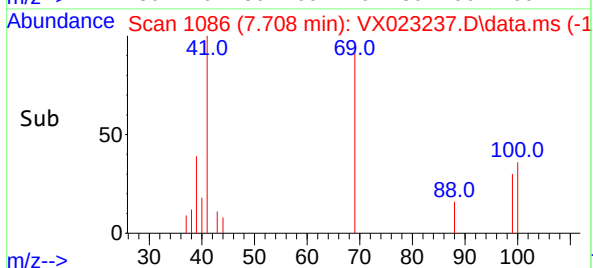
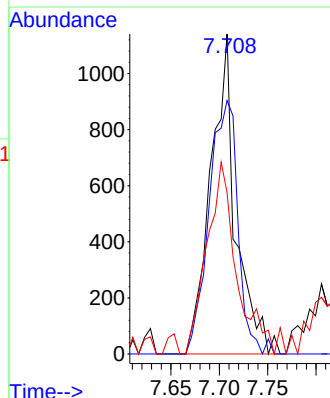
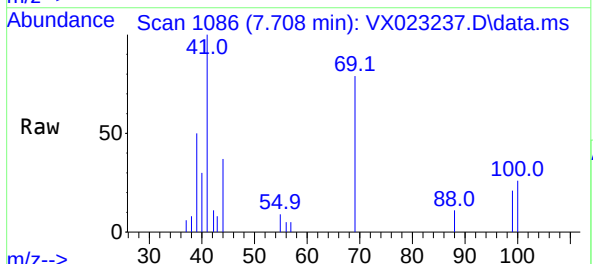
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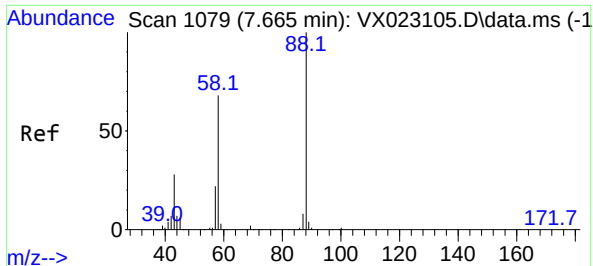
MMDadoda
7/13/2021 6:53:53 PM



#48
Methyl methacrylate
Concen: 0.602 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 41	Resp: 2053
Ion Ratio	Lower Upper
41 100	
69 91.6	76.0 114.0
39 70.7	44.6 67.0#





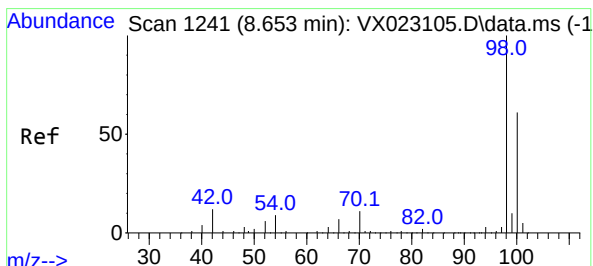
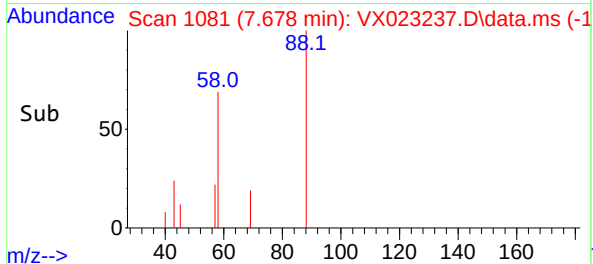
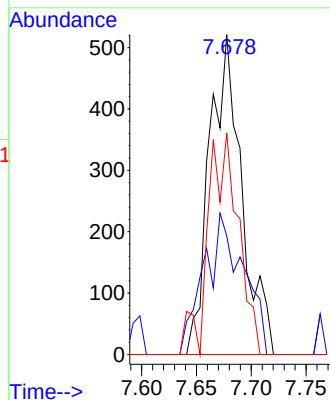
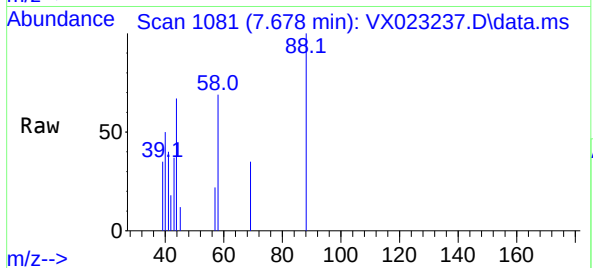
#49
1,4-Dioxane
Concen: 13.848 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 88 Resp: 1063
Ion Ratio Lower Upper
88 100
43 54.2 23.2 34.8#
58 65.7 55.0 82.4

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

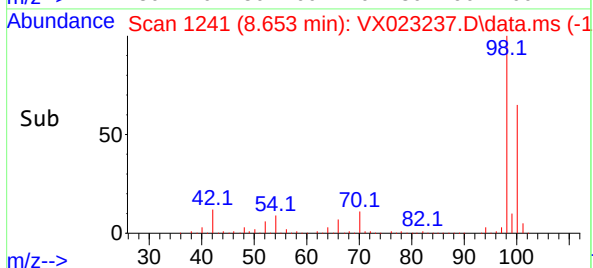
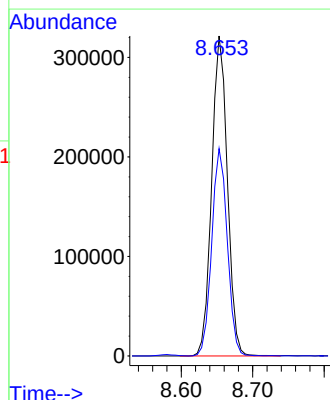
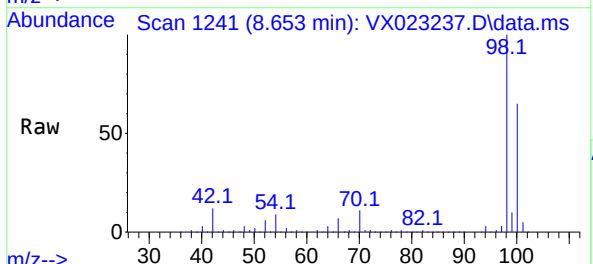
Manual Integrations
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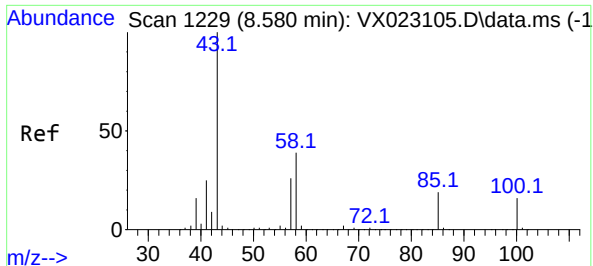
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7/13/2021 6:53:53 PM



#50
Toluene-d8
Concen: 47.357 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 98 Resp: 490203
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





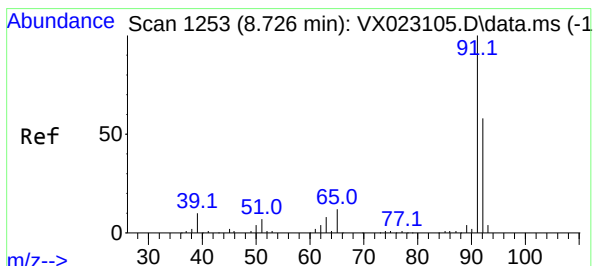
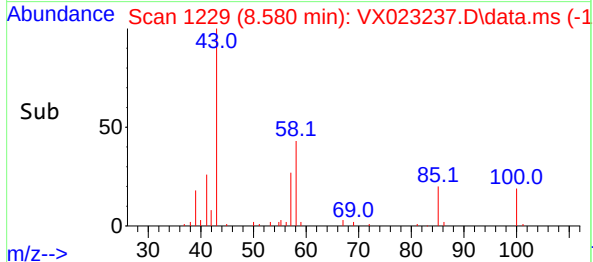
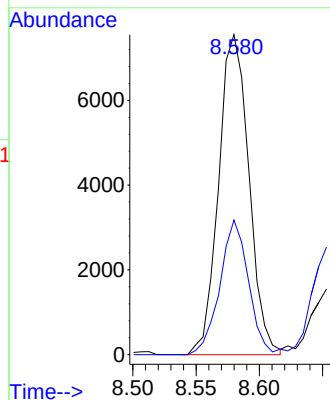
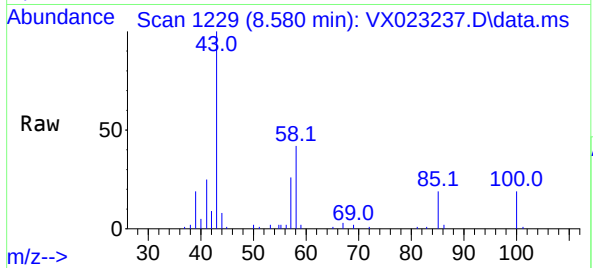
#51
4-Methyl-2-Pentanone
Concen: 2.916 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 43 Resp: 12559
Ion Ratio Lower Upper
43 100
58 40.1 35.4 53.0

Instrument :
MSVOA_X
ClientSampleID :
MDL-WATER-03-QT3-2021DL

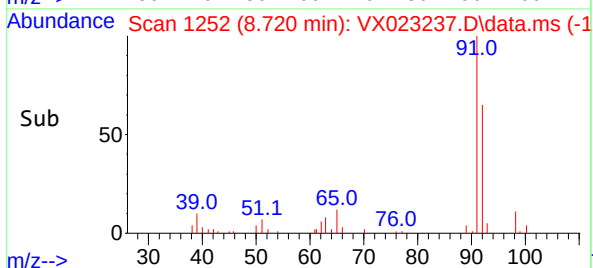
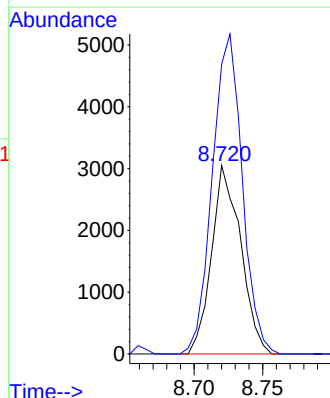
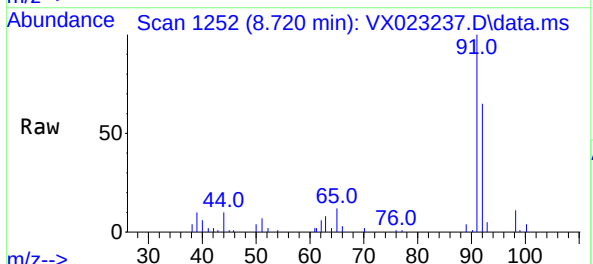
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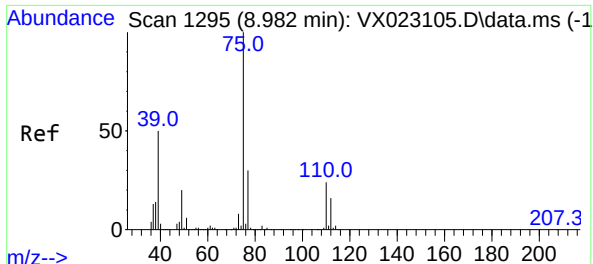
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7/13/2021 6:53:53 PM



#52
Toluene
Concen: 0.625 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

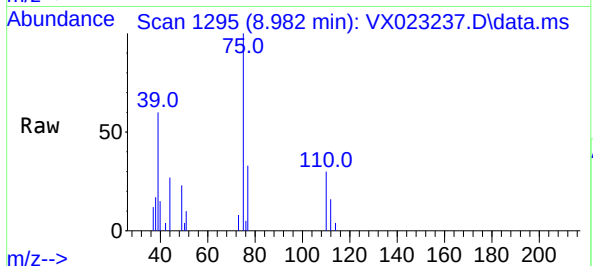
Tgt Ion: 92 Resp: 4502
Ion Ratio Lower Upper
92 100
91 174.6 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 0.565 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

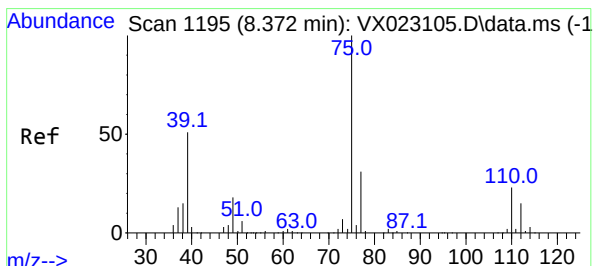
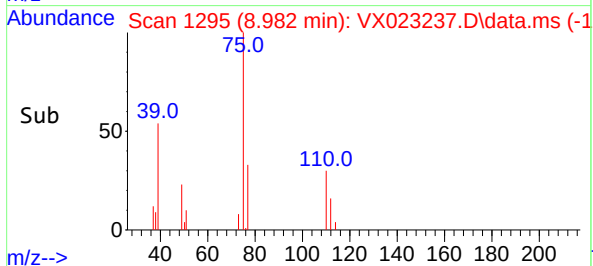
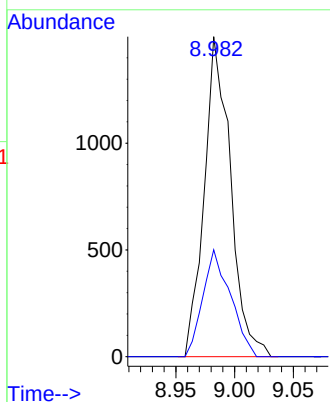
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



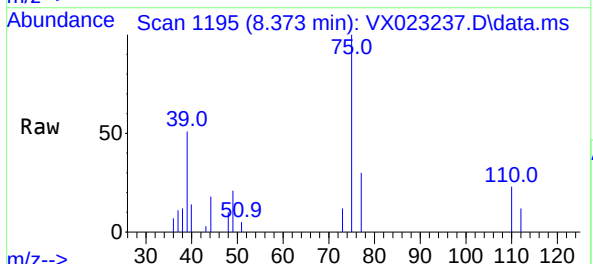
Tgt Ion: 75 Resp: 2335
Ion Ratio Lower Upper
75 100
77 33.4 24.9 37.3

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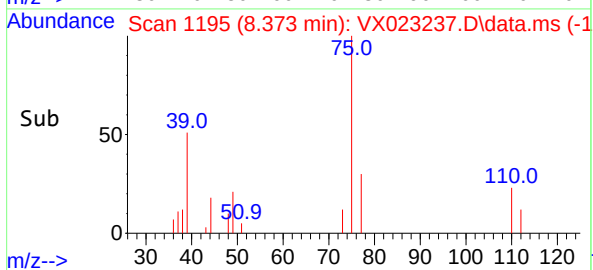
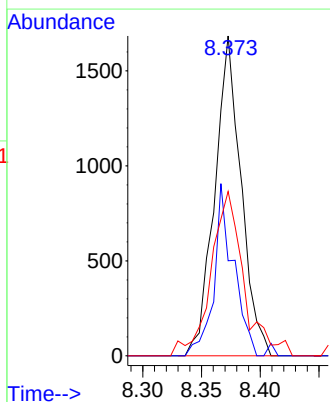
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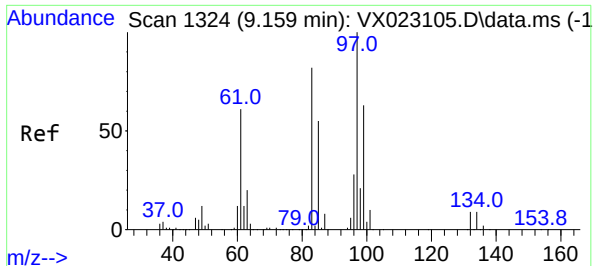


#54
cis-1,3-Dichloropropene
Concen: 0.601 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion: 75 Resp: 2638
Ion Ratio Lower Upper
75 100
77 29.8 25.7 38.5
39 47.9 35.1 52.7





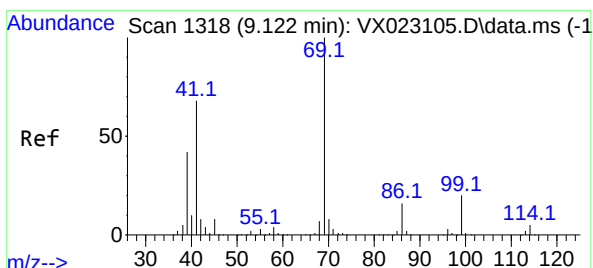
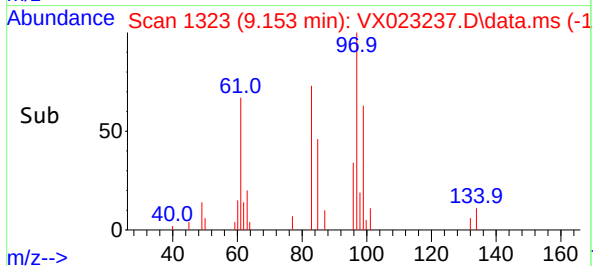
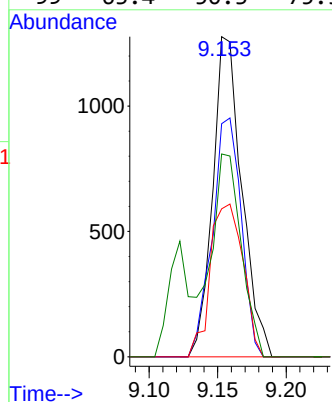
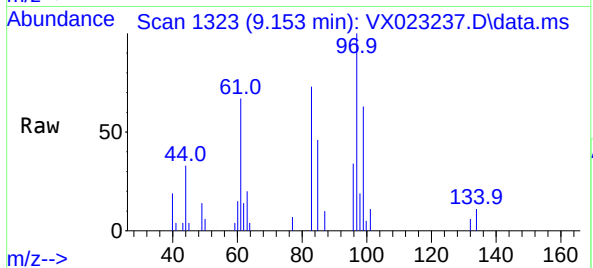
#55
1,1,2-Trichloroethane
Concen: 0.625 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	97	Resp:	1888
Ion	Ratio	Lower	Upper
97	100		
83	72.8	69.3	103.9
85	46.2	44.3	66.5
99	63.4	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

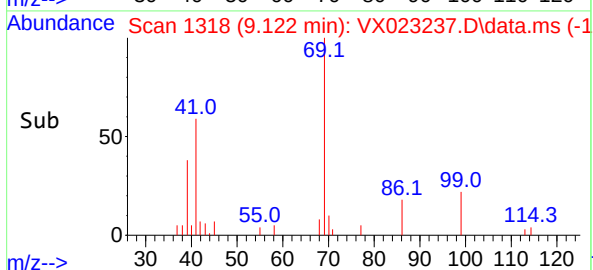
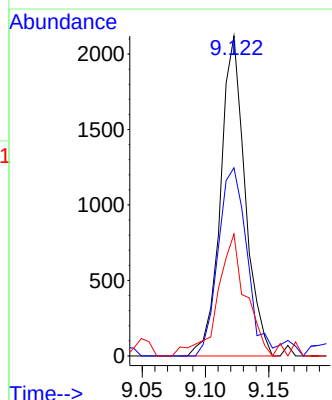
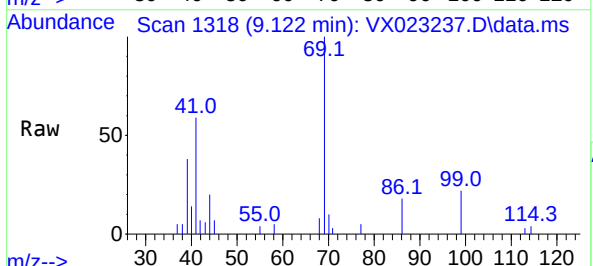
Manual Integrations
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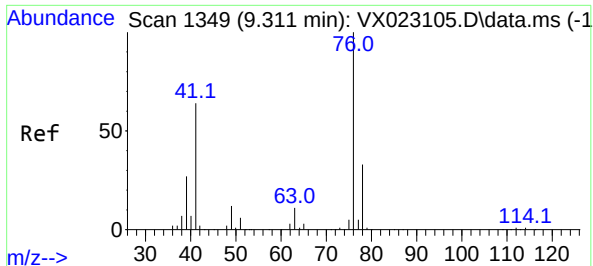
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7/13/2021 6:53:53 PM



#56
Ethyl methacrylate
Concen: 0.612 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	69	Resp:	2858
Ion	Ratio	Lower	Upper
69	100		
41	71.9	46.8	70.2#
39	43.5	24.7	37.1#





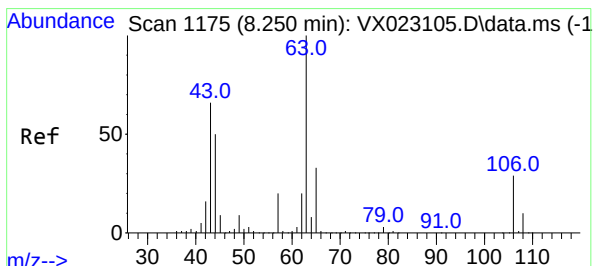
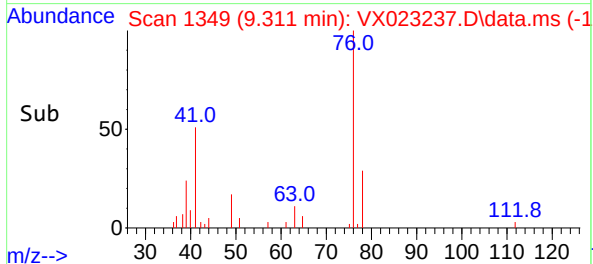
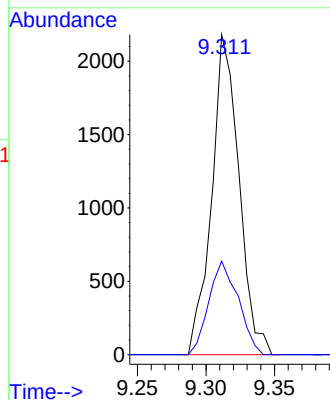
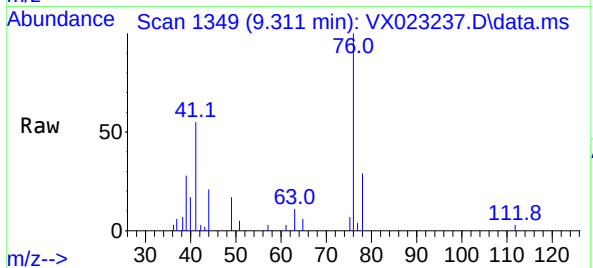
#57
1,3-Dichloropropane
Concen: 0.604 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 76 Resp: 3019
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

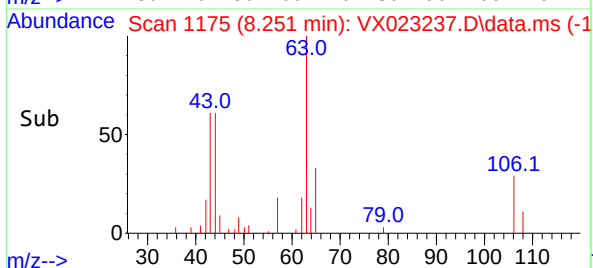
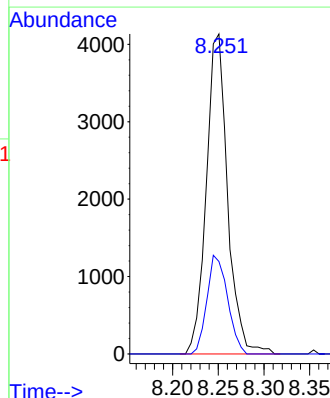
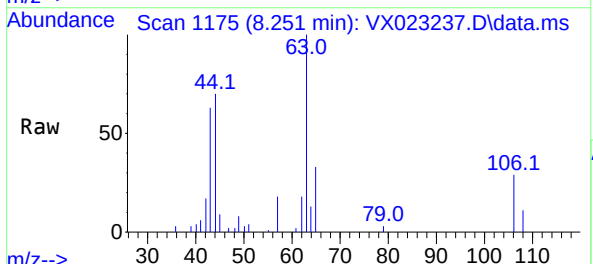
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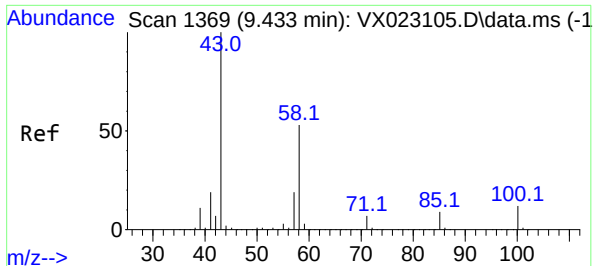
MMDadoda
7/13/2021 6:53:53 PM



#58
2-Chloroethyl Vinyl ether
Concen: 2.937 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 63 Resp: 6709
Ion Ratio Lower Upper
63 100
106 29.8 23.5 35.3





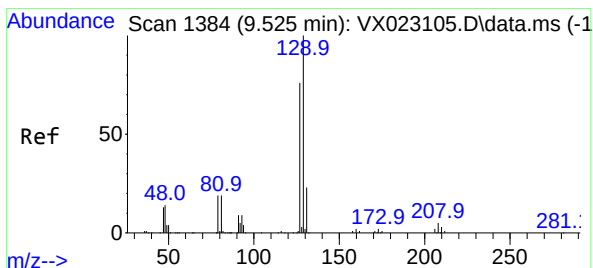
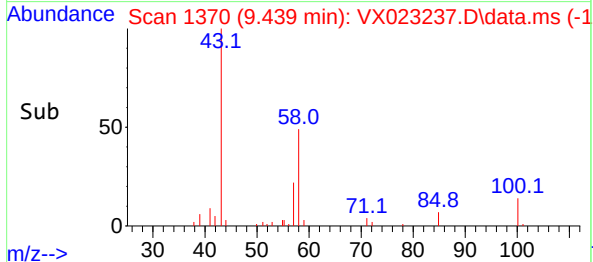
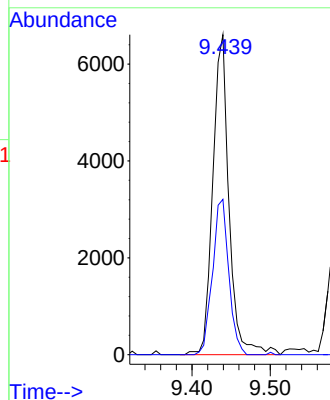
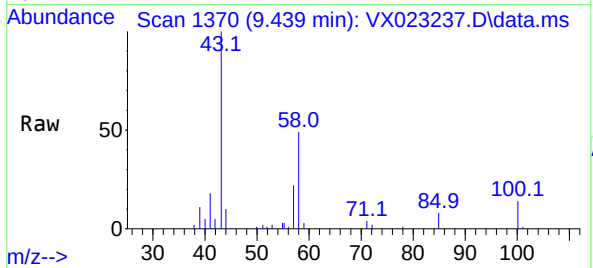
#59
2-Hexanone
Concen: 2.865 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 43 Resp: 9468
Ion Ratio Lower Upper
43 100
58 48.8 30.9 92.8

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

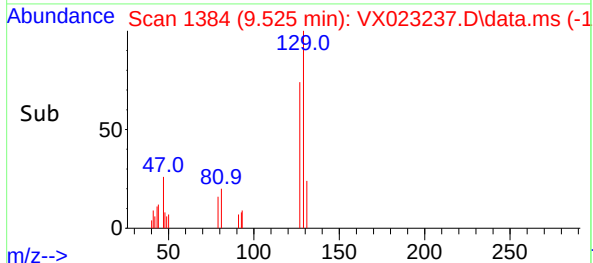
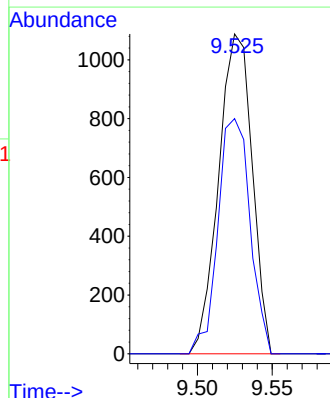
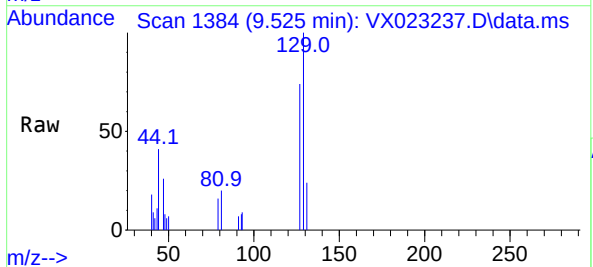
Manual Integrations
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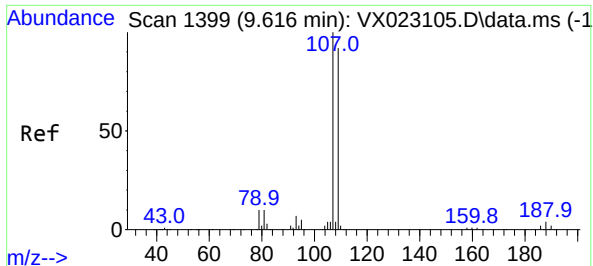
MMDadoda
7/13/2021 6:53:53 PM



#60
Dibromochloromethane
Concen: 0.584 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 129 Resp: 1696
Ion Ratio Lower Upper
129 100
127 70.5 38.4 115.2





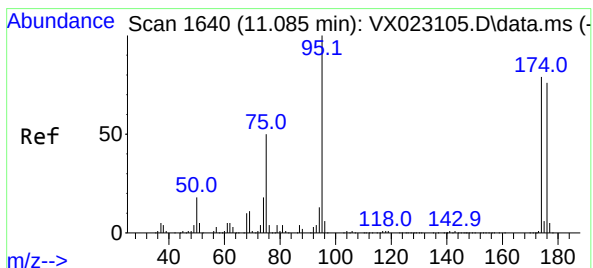
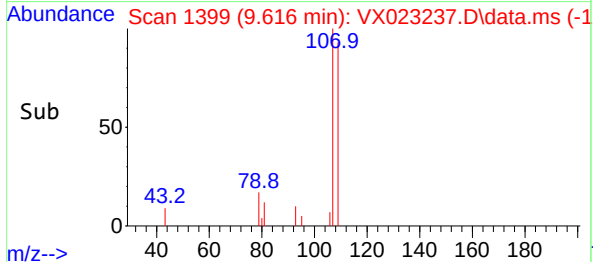
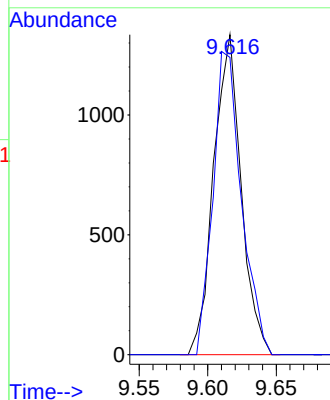
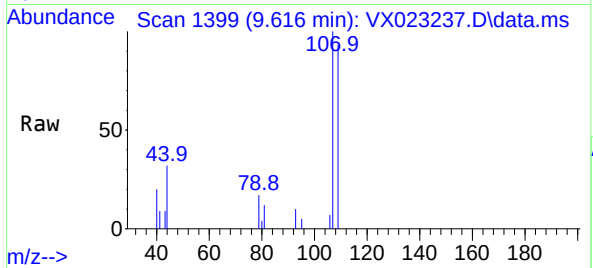
#61
1,2-Dibromoethane
Concen: 0.599 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 107 Resp: 1858
Ion Ratio Lower Upper
107 100
109 98.5 75.8 113.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

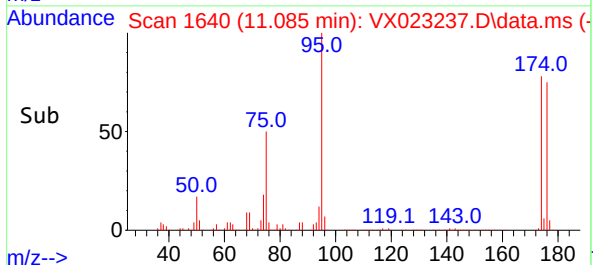
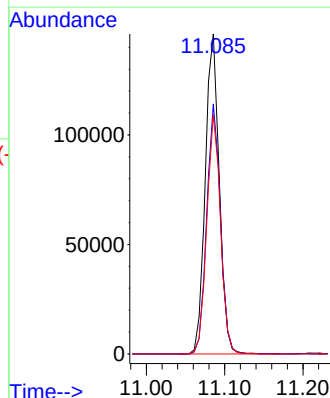
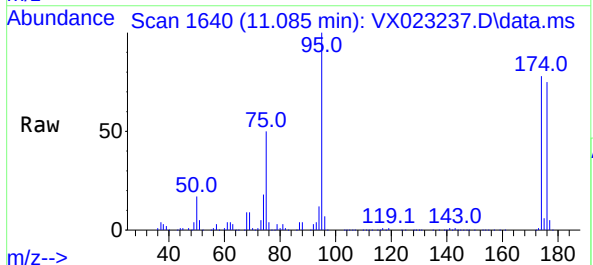
Manual Integrations
APPROVED

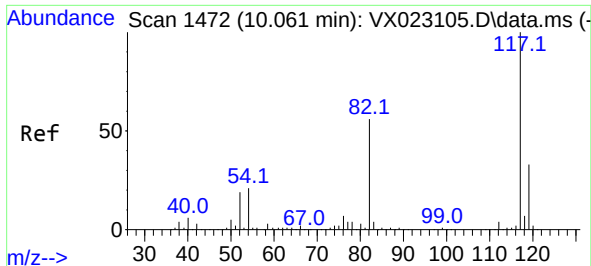
MMDadoda
7/13/2021 6:53:53 PM



#62
4-Bromofluorobenzene
Concen: 45.283 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 95 Resp: 180957
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.1 0.0 155.8





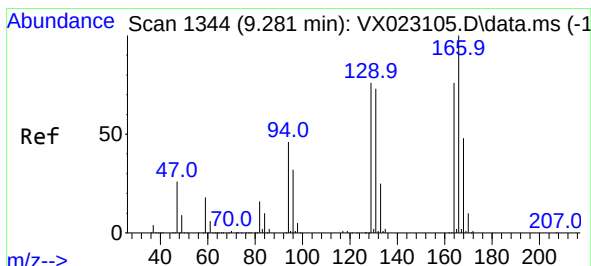
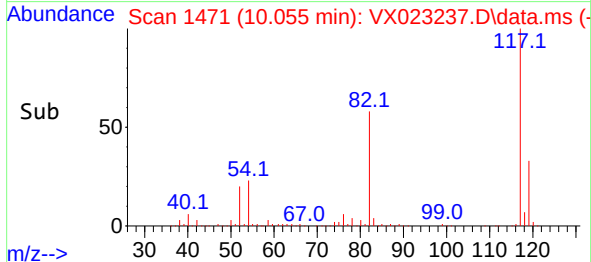
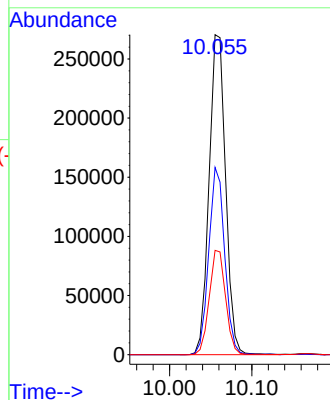
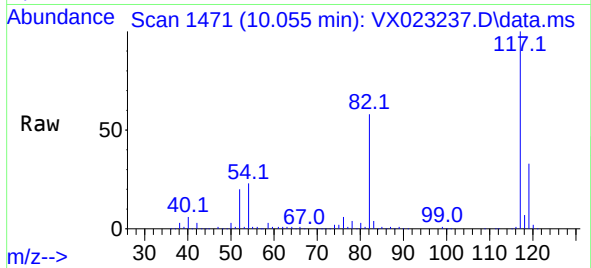
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:117 Resp: 378647
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.6 26.6 39.8

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

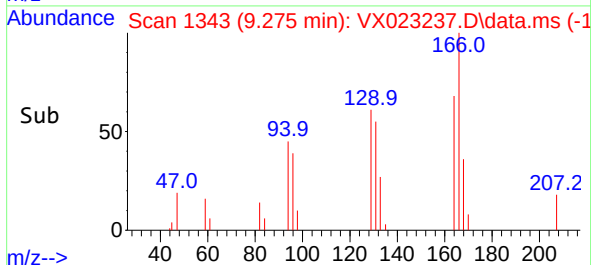
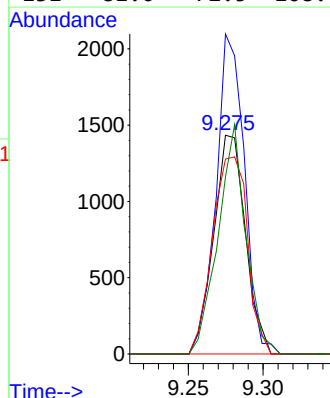
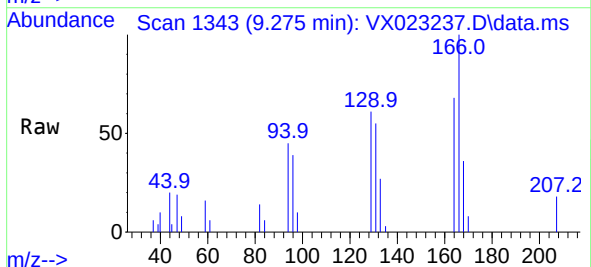
Manual Integrations
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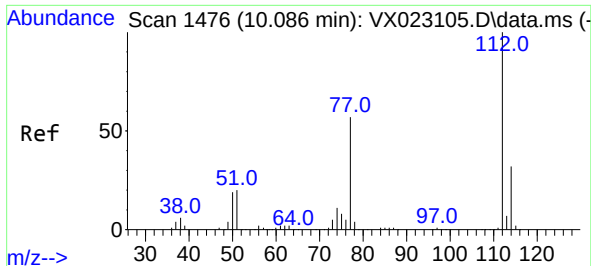
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7/13/2021 6:53:53 PM



#64
Tetrachloroethene
Concen: 0.699 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

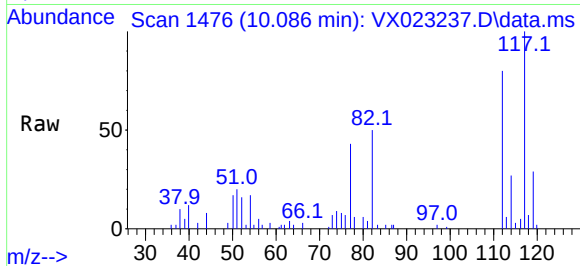
Tgt Ion:164 Resp: 2112
Ion Ratio Lower Upper
164 100
166 146.3 103.4 155.2
129 89.1 70.8 106.2
131 81.0 72.5 108.7





#65
Chlorobenzene
Concen: 0.673 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

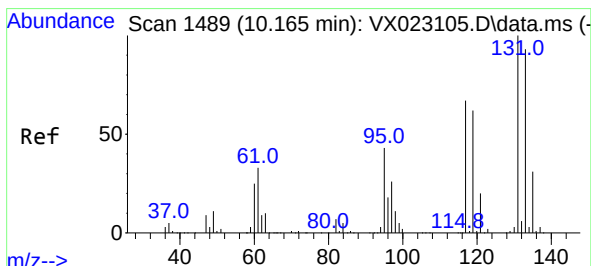
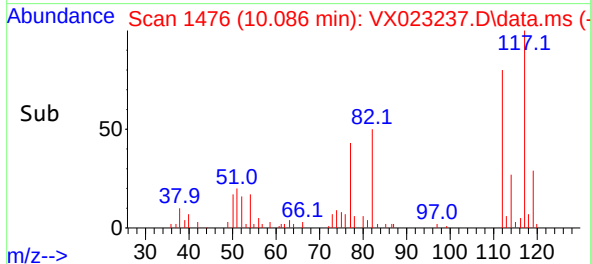
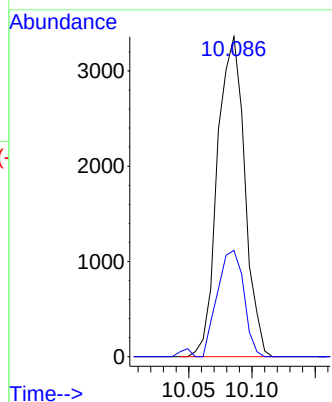
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



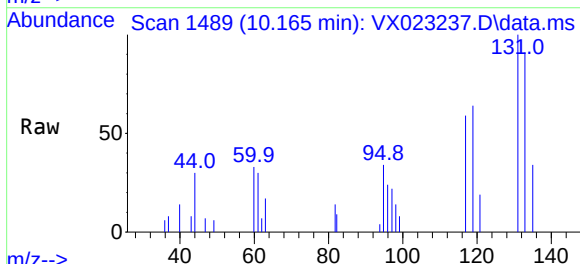
Tgt Ion:112 Resp: 5034
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

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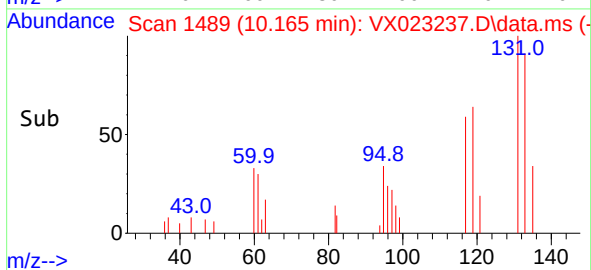
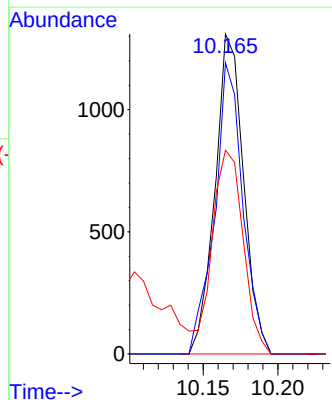
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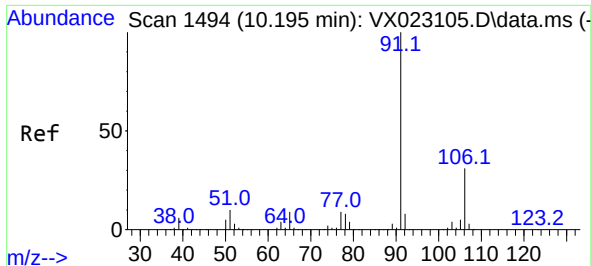


#66
1,1,1,2-Tetrachloroethane
Concen: 0.642 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



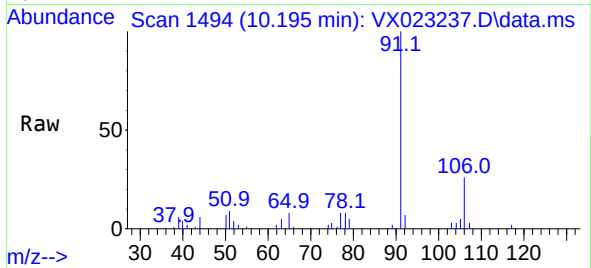
Tgt Ion:131 Resp: 1737
Ion Ratio Lower Upper
131 100
133 90.2 47.7 143.1
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 0.651 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

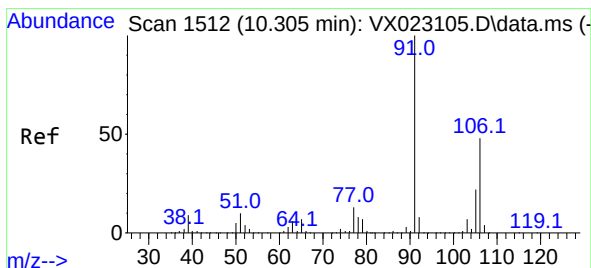
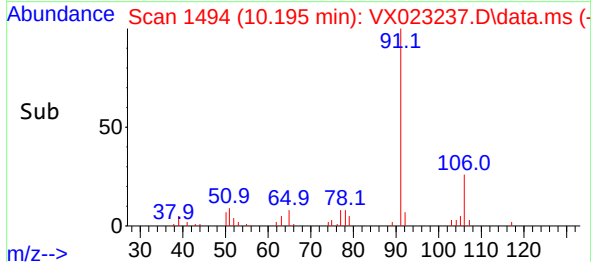
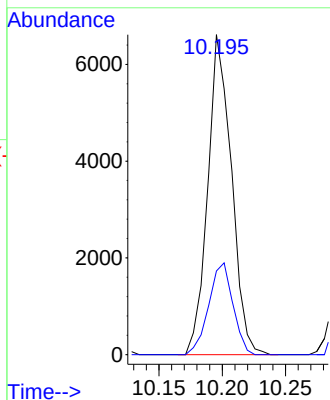
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



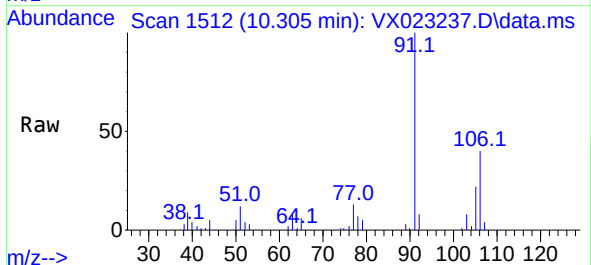
Tgt Ion: 91 Resp: 8620
Ion Ratio Lower Upper
91 100
106 26.1 24.6 37.0

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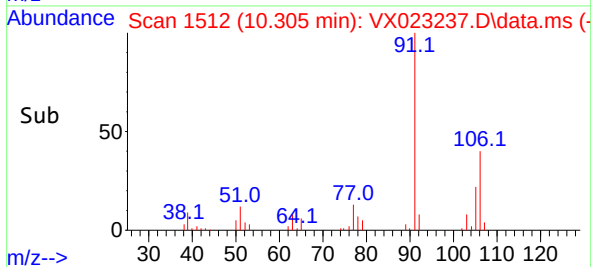
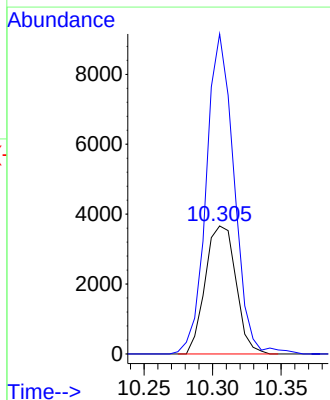
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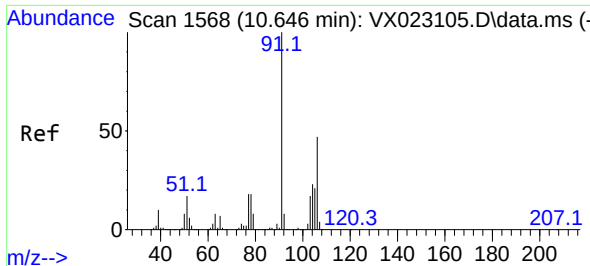


#68
m/p-Xylenes
Concen: 1.126 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



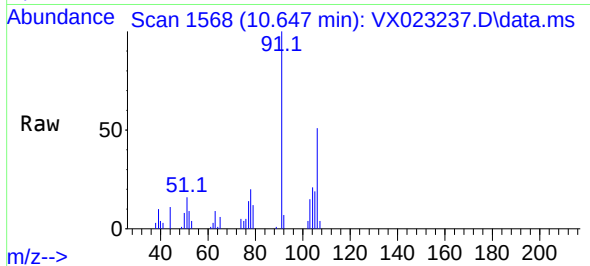
Tgt Ion: 106 Resp: 5690
Ion Ratio Lower Upper
106 100
91 227.3 162.8 244.2





#69
o-Xylene
Concen: 0.602 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

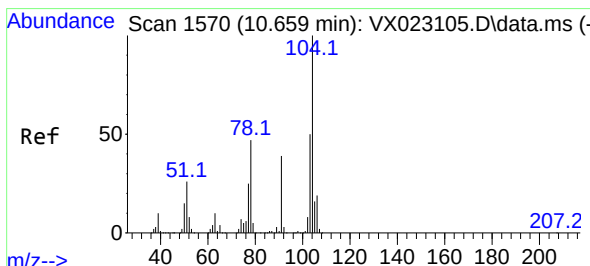
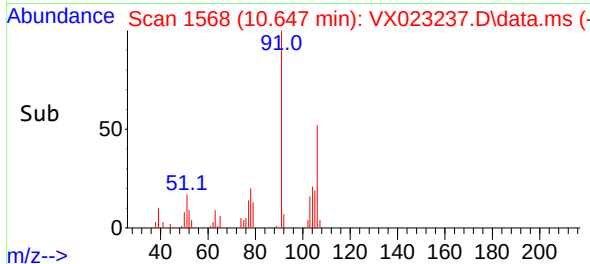
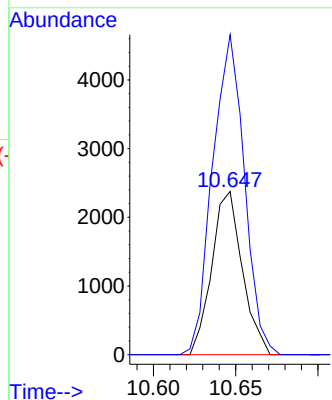
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



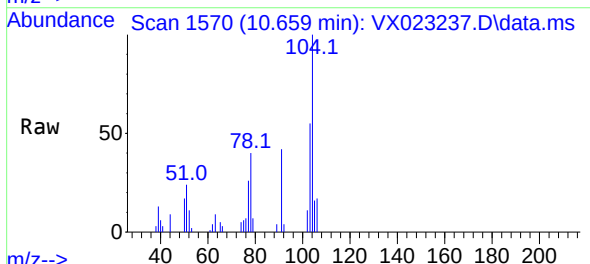
Tgt Ion:106 Resp: 3066
Ion Ratio Lower Upper
106 100
91 204.1 108.1 324.2

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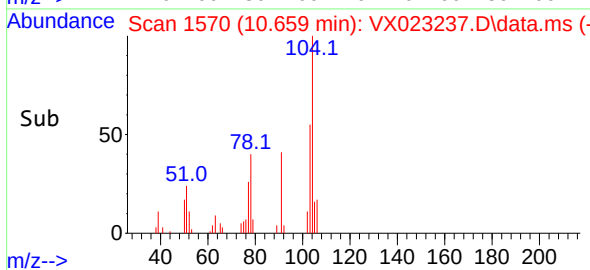
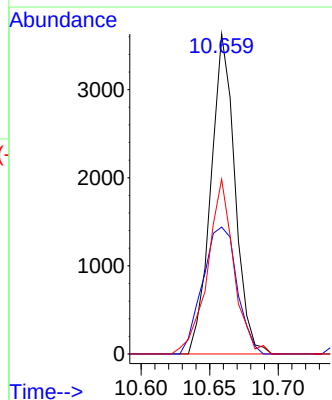
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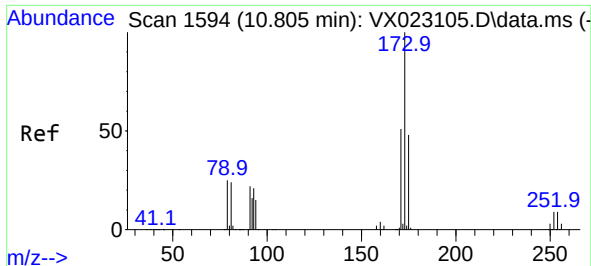


#70
Styrene
Concen: 0.533 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

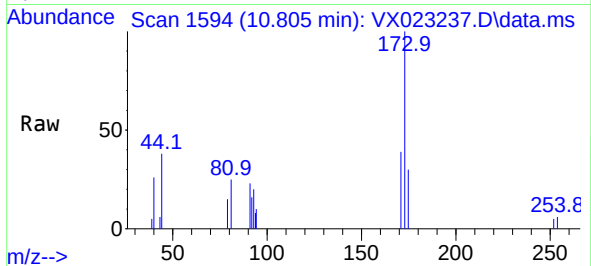


Tgt Ion:104 Resp: 4433
Ion Ratio Lower Upper
104 100
78 56.6 40.0 60.0
103 59.4 43.4 65.0

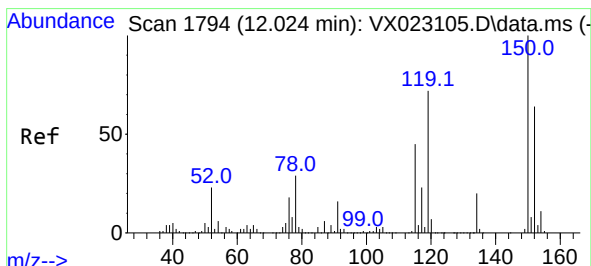
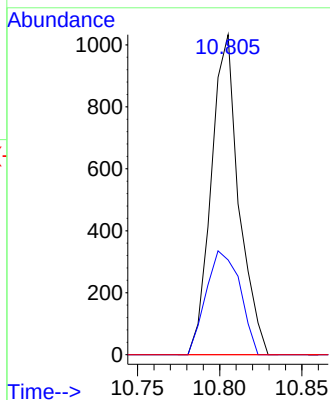
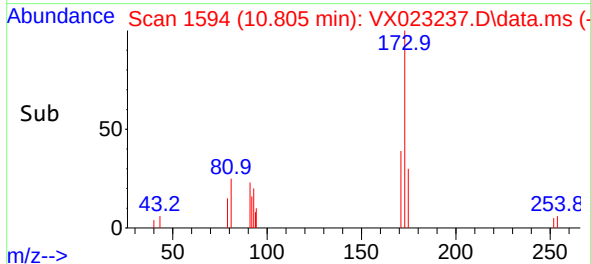




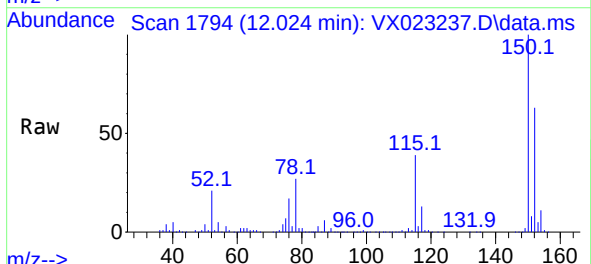
#71
Bromoform
Concen: 0.632 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



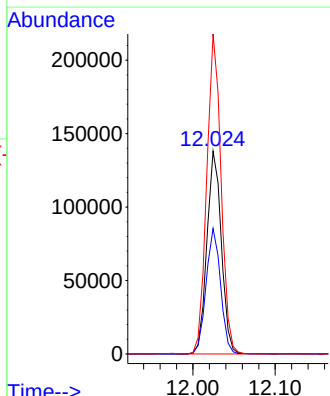
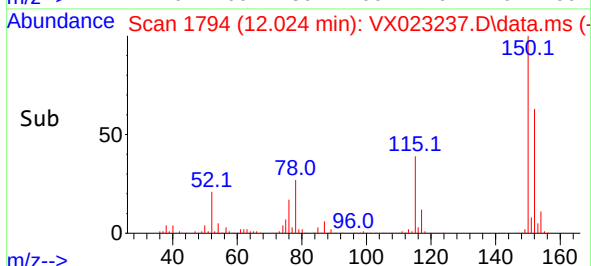
Tgt Ion:173 Resp: 1206
Ion Ratio Lower Upper
173 100
175 39.8 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



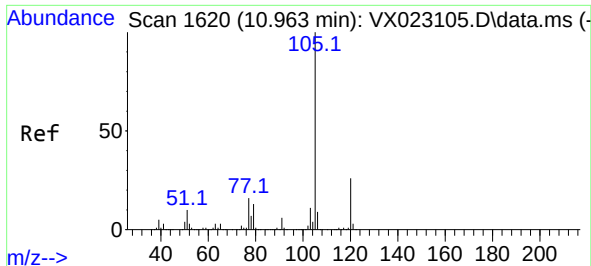
Tgt Ion:152 Resp: 168530
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 156.1 0.0 349.0



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Manual Integrations
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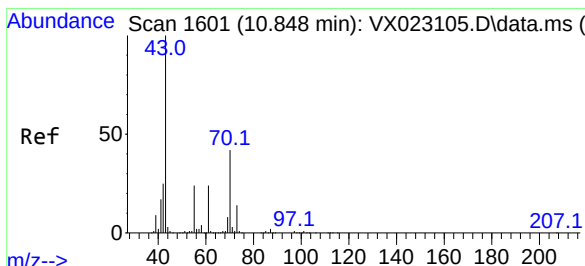
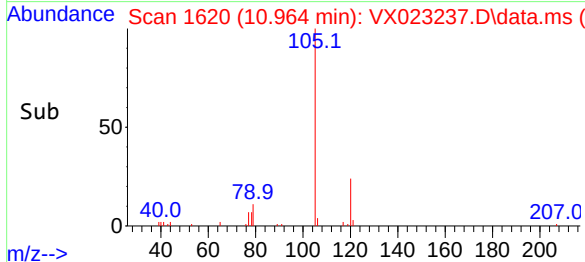
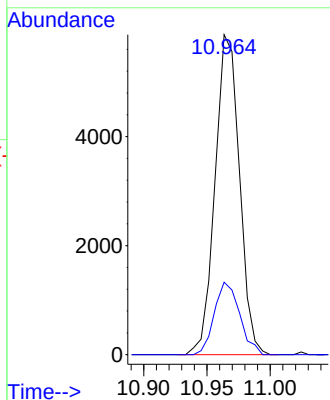
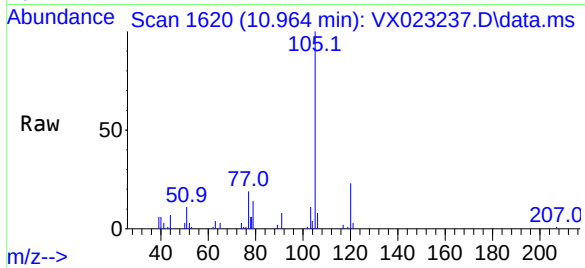
#73
Isopropylbenzene
Concen: 0.662 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 105 Resp: 7862
Ion Ratio Lower Upper
105 100
120 23.5 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

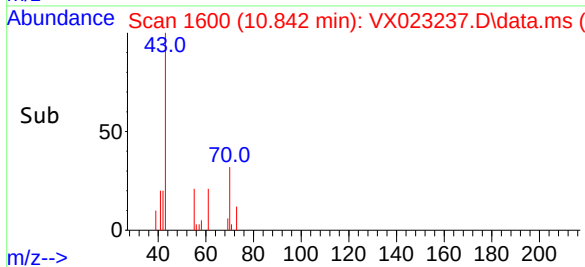
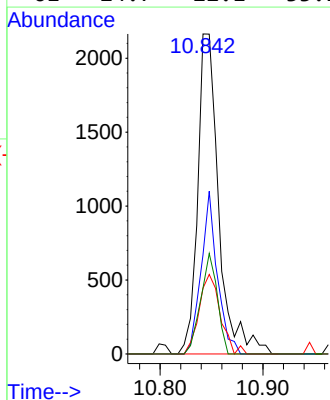
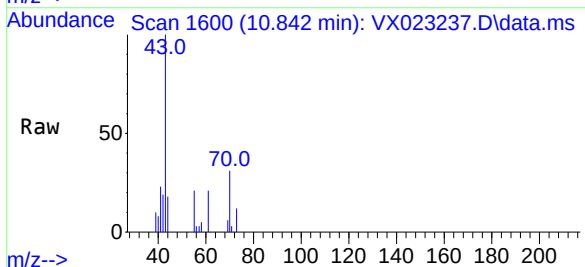
Manual Integrations
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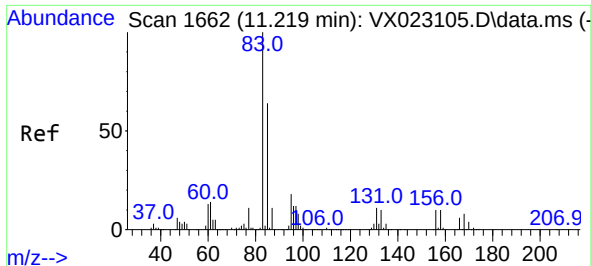
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#74
N-ethyl acetate
Concen: 0.613 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion: 43 Resp: 3088
Ion Ratio Lower Upper
43 100
70 39.2 39.0 58.6
55 24.9 21.5 32.3
61 24.7 22.1 33.1





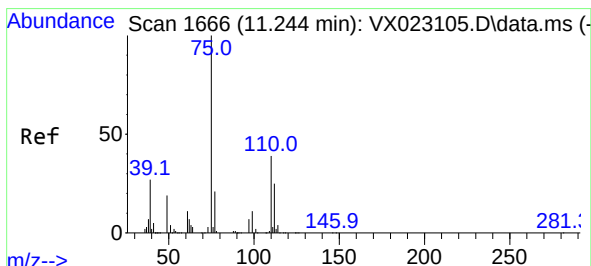
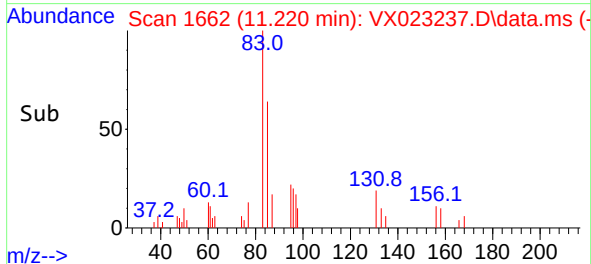
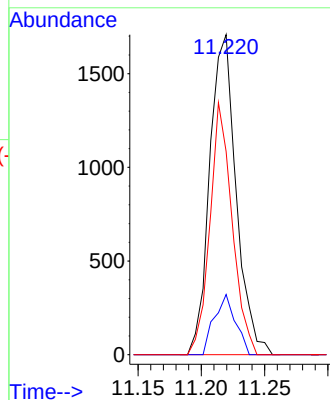
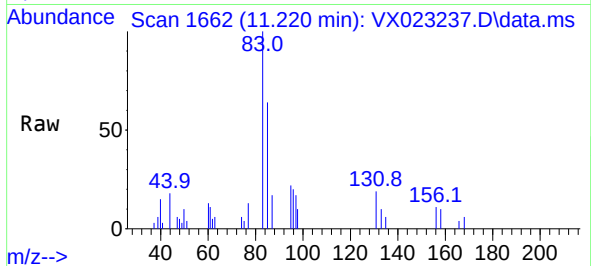
#75
1,1,2,2-Tetrachloroethane
Concen: 0.659 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:	83	Resp:	2486
Ion	Ratio	Lower	Upper
83	100		
131	15.0	5.1	15.2
85	66.1	31.8	95.4

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

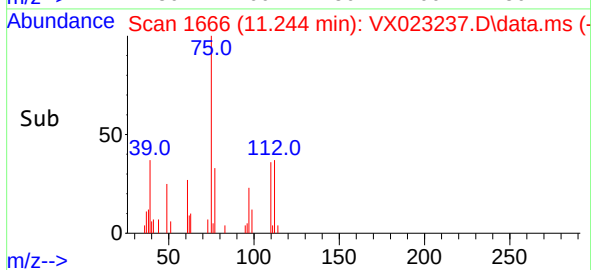
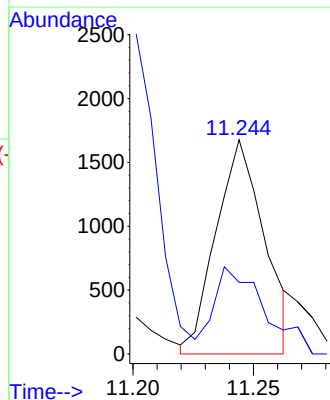
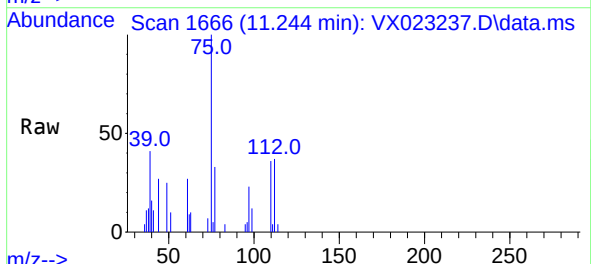
Manual Integrations
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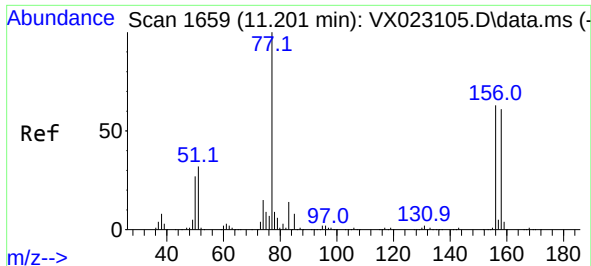
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#76
1,2,3-Trichloropropane
Concen: 0.689 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

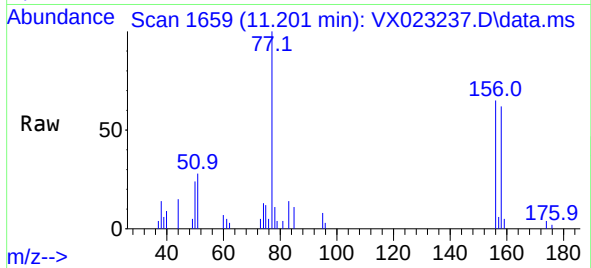
Tgt Ion:	75	Resp:	2338
Ion	Ratio	Lower	Upper
75	100		
77	37.3	19.1	57.5





#77
Bromobenzene
Concen: 0.661 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

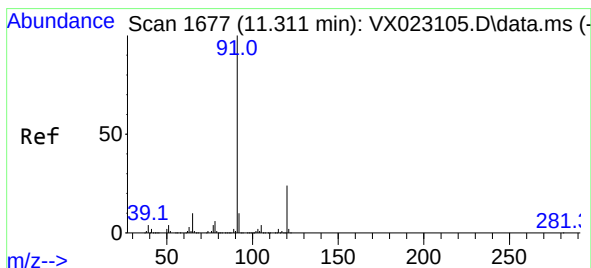
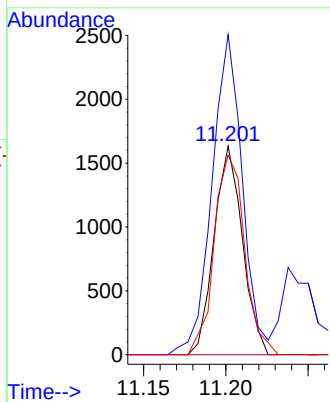
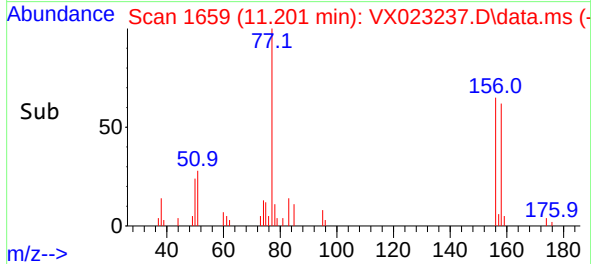
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



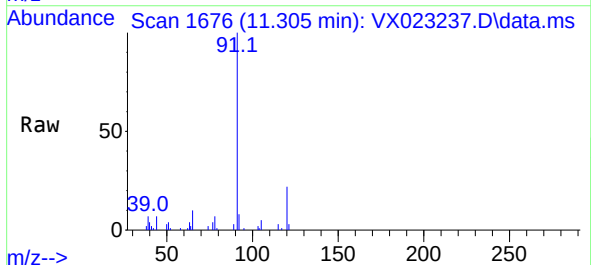
Tgt Ion:156 Resp: 1958
Ion Ratio Lower Upper
156 100
77 164.2 82.8 248.6
158 102.9 49.1 147.4

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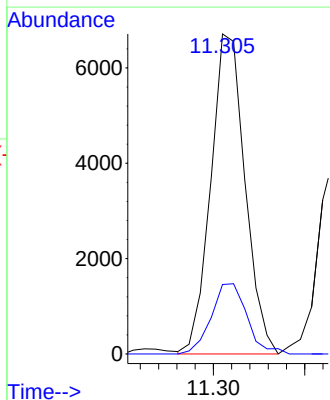
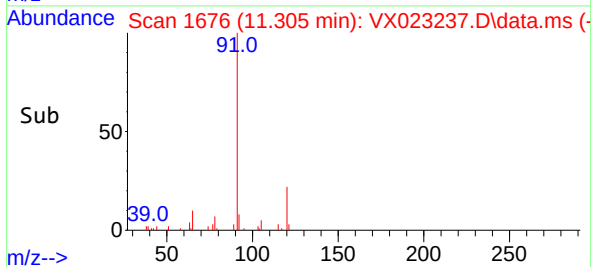
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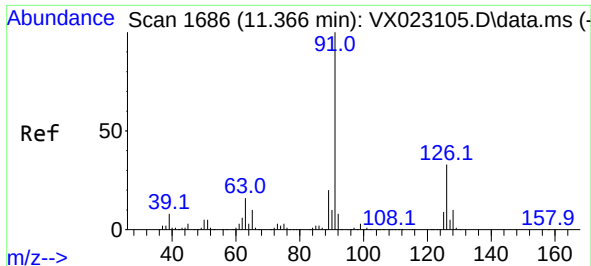


#78
n-propylbenzene
Concen: 0.637 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



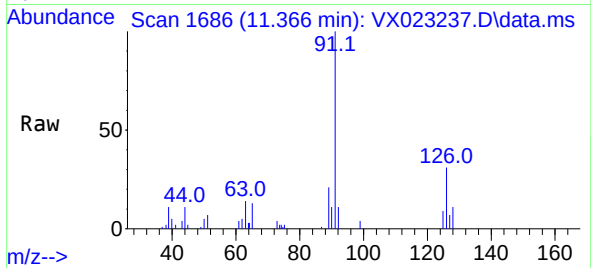
Tgt Ion: 91 Resp: 8744
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





#79
2-Chlorotoluene
Concen: 0.681 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

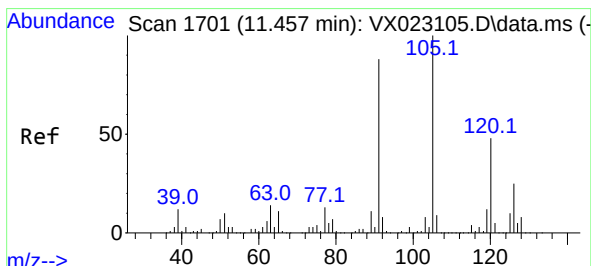
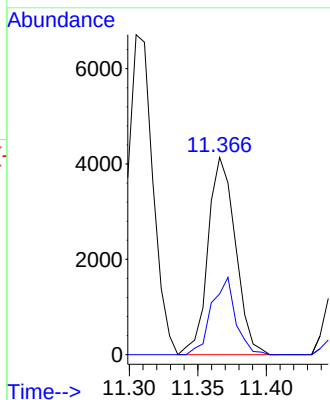
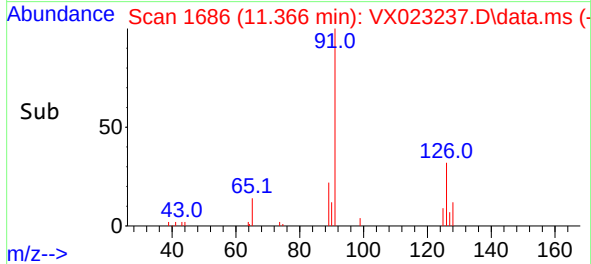
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



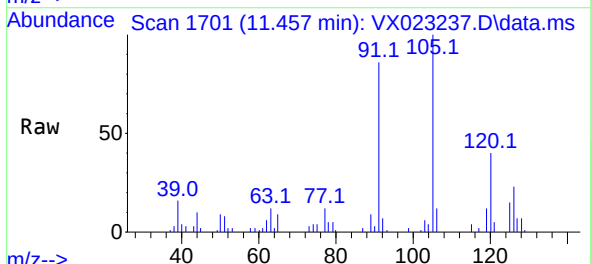
Tgt Ion: 91 Resp: 5776
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.8

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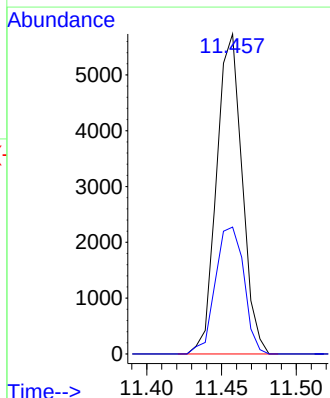
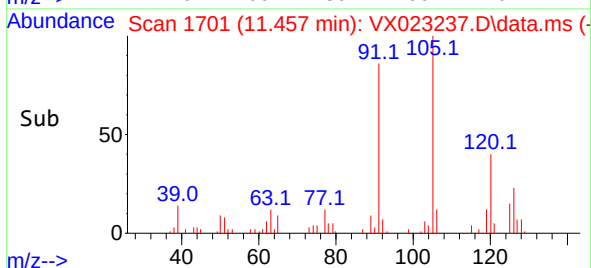
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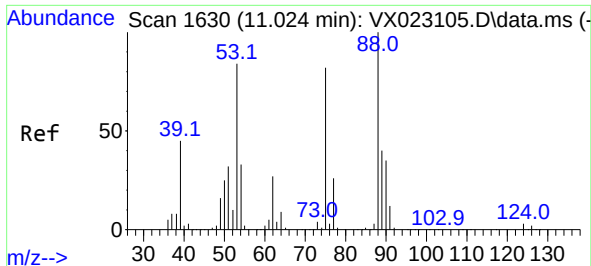


#80
1,3,5-Trimethylbenzene
Concen: 0.667 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



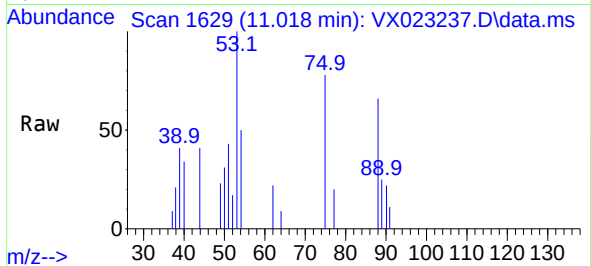
Tgt Ion: 105 Resp: 6820
Ion Ratio Lower Upper
105 100
120 44.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 0.687 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

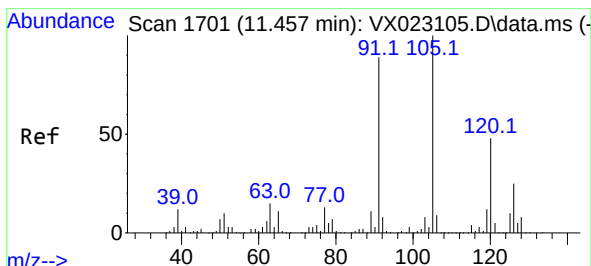
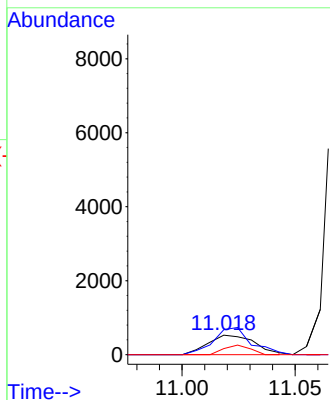
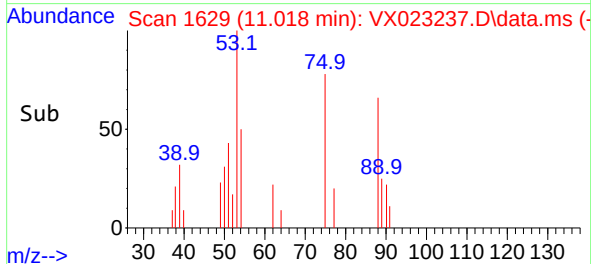
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



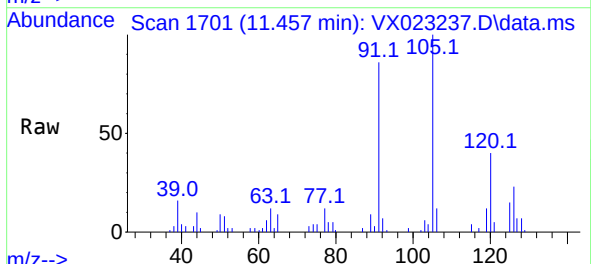
Tgt Ion: 75 Resp: 759
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

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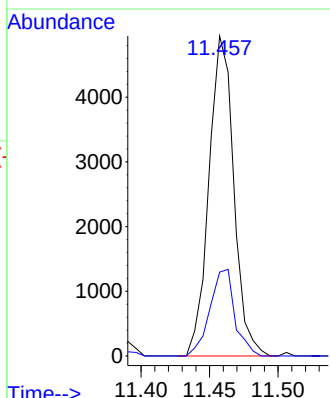
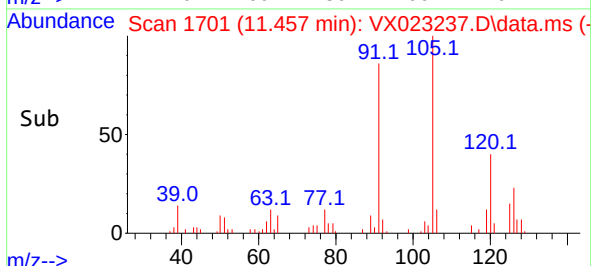
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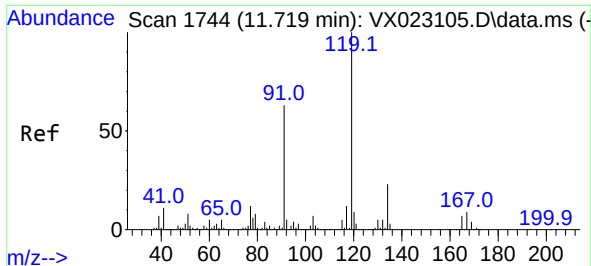


#82
4-Chlorotoluene
Concen: 0.651 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



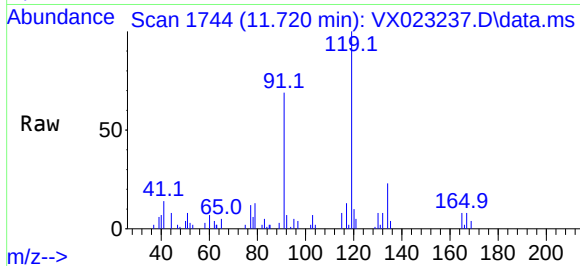
Tgt Ion: 91 Resp: 6237
Ion Ratio Lower Upper
91 100
126 27.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 0.679 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

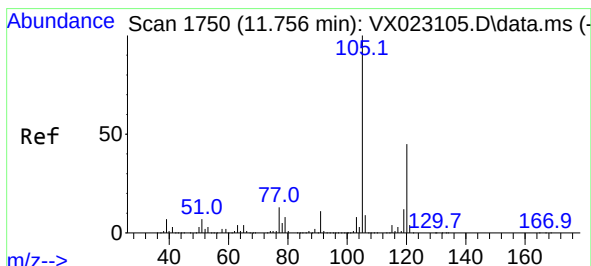
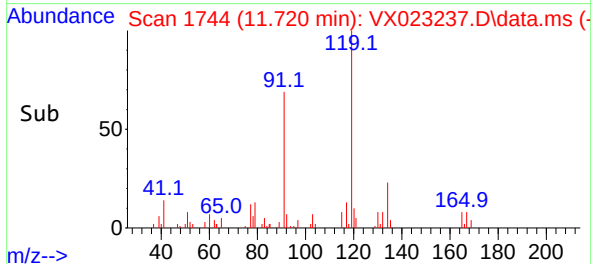
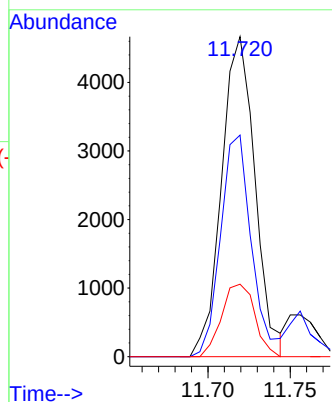
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



Tgt Ion:119 Resp: 6585
Ion Ratio Lower Upper
119 100
91 64.2 27.9 83.7
134 22.5 11.3 33.9

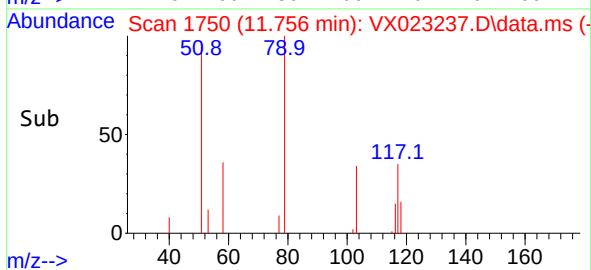
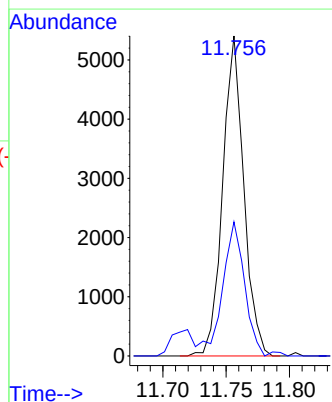
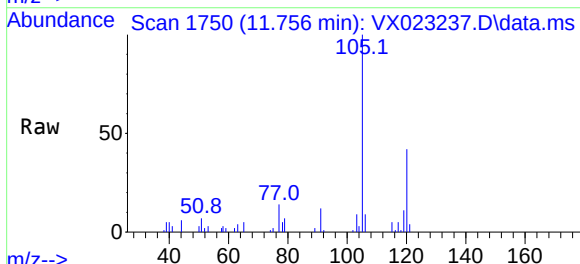
Manual Integrations
APPROVED

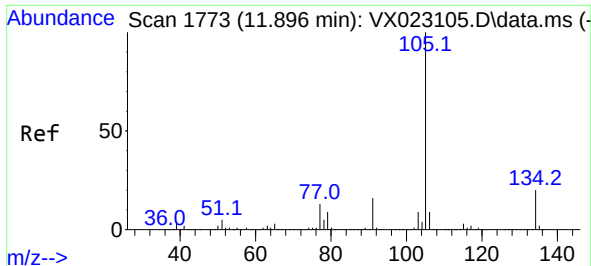
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#84
1,2,4-Trimethylbenzene
Concen: 0.619 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

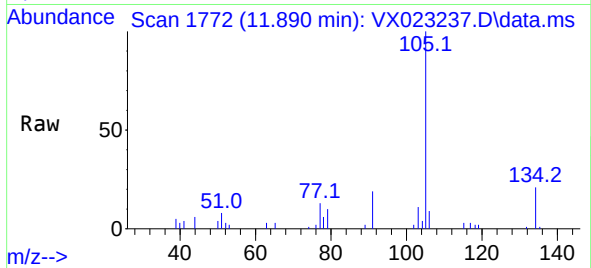
Tgt Ion:105 Resp: 6252
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3





#85
sec-Butylbenzene
Concen: 0.599 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

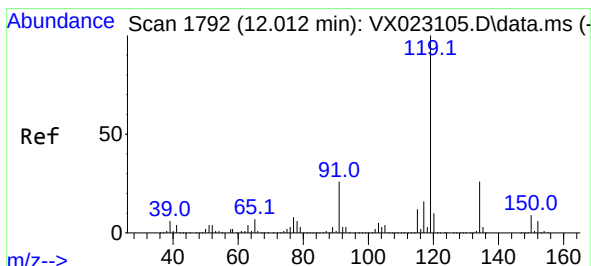
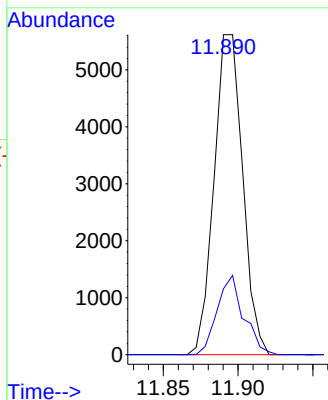
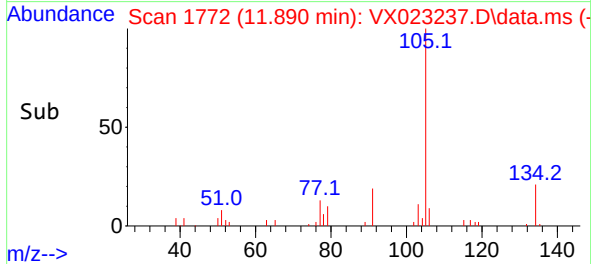
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



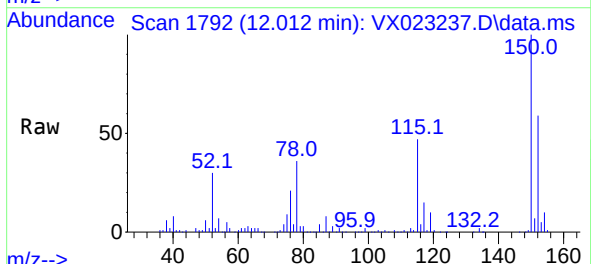
Tgt Ion:105 Resp: 7474
Ion Ratio Lower Upper
105 100
134 22.9 10.0 29.8

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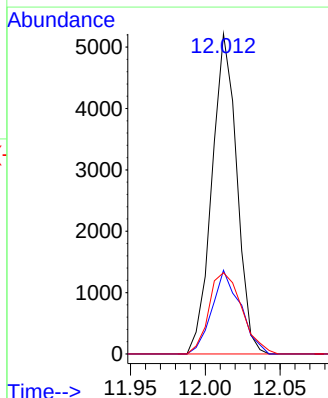
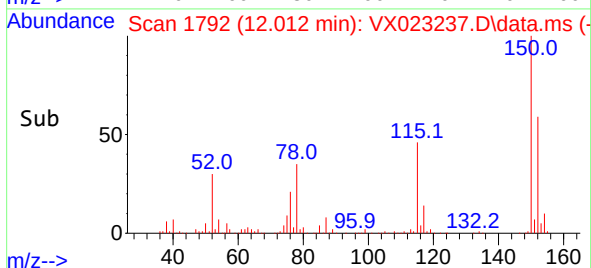
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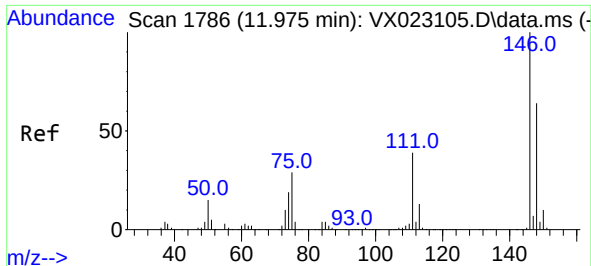


#86
p-Isopropyltoluene
Concen: 0.576 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion:119 Resp: 6033
Ion Ratio Lower Upper
119 100
134 30.1 12.9 38.7
91 33.7 11.7 35.0





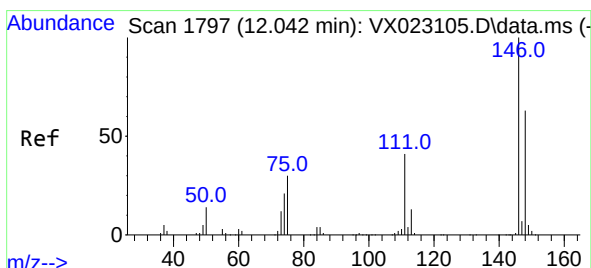
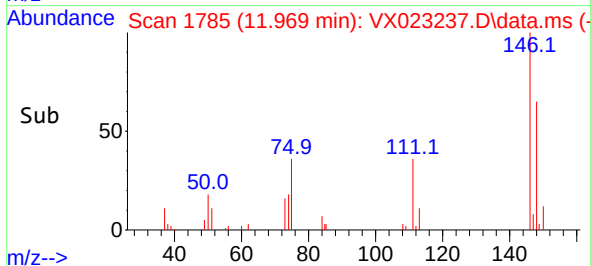
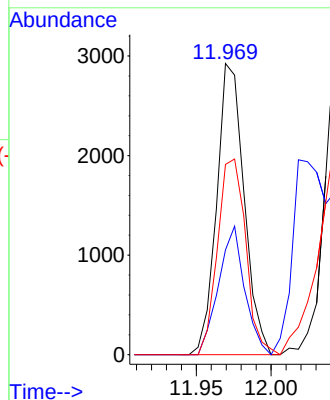
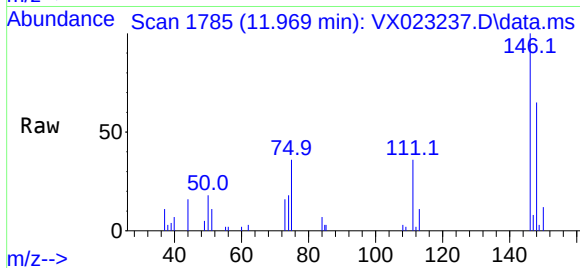
#87
1,3-Dichlorobenzene
Concen: 0.670 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

Tgt Ion:146 Resp: 3730
Ion Ratio Lower Upper
146 100
111 42.0 20.2 60.5
148 69.1 31.9 95.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

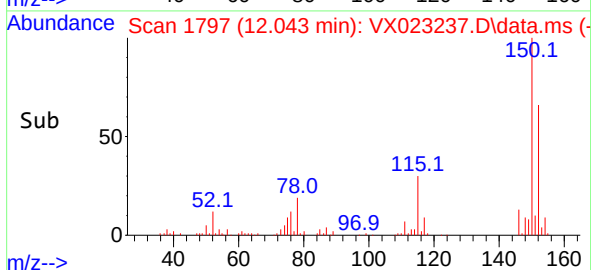
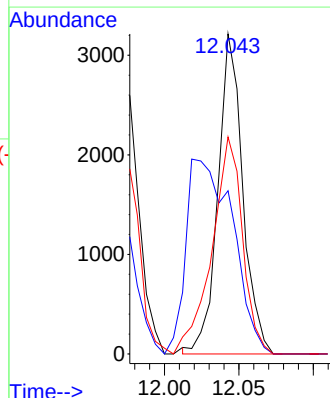
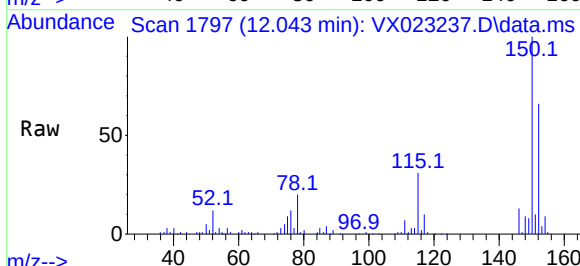
Manual Integrations
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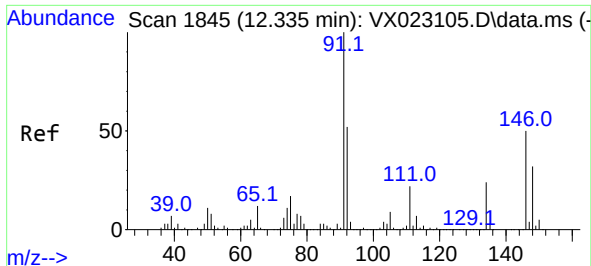
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#88
1,4-Dichlorobenzene
Concen: 0.664 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

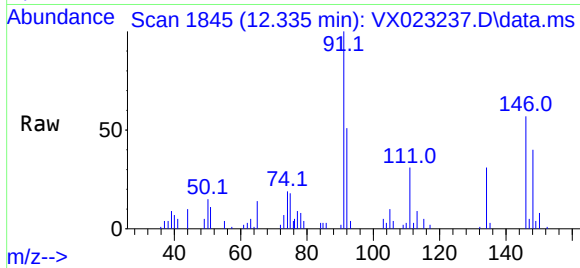
Tgt Ion:146 Resp: 3723
Ion Ratio Lower Upper
146 100
111 42.1 19.6 58.8
148 69.2 31.6 95.0





#89
n-Butylbenzene
Concen: 0.514 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

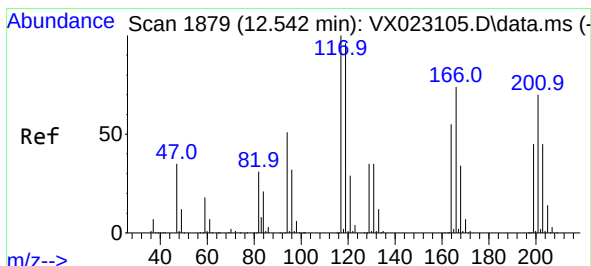
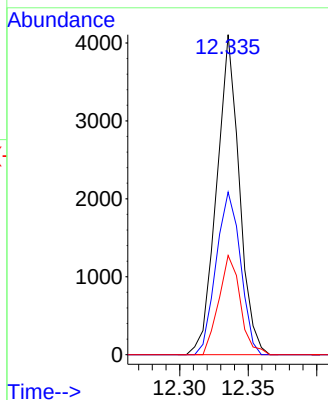
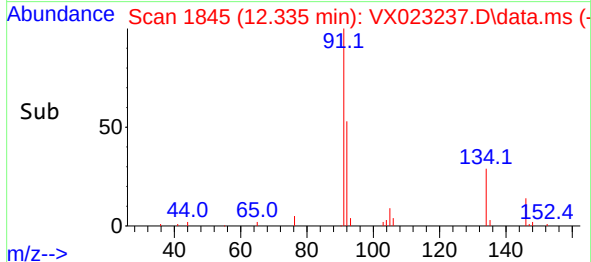
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



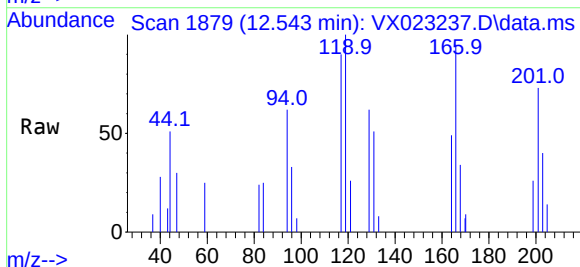
Tgt Ion: 91 Resp: 4717
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 29.7 13.2 39.5

Manual Integrations
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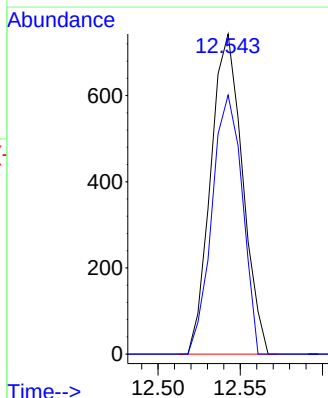
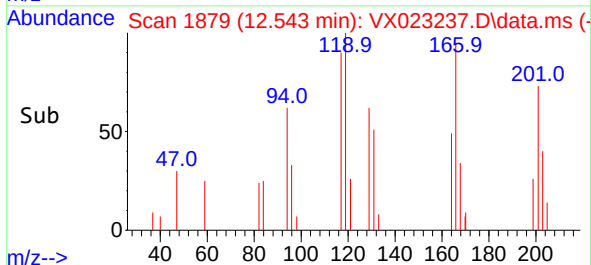
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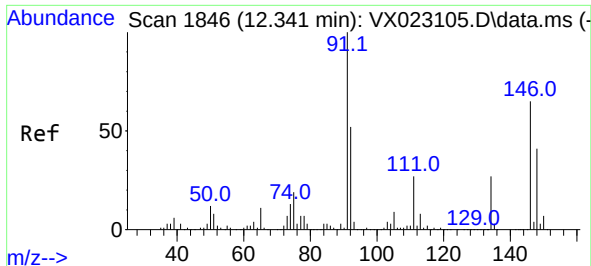


#90
Hexachloroethane
Concen: 0.651 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

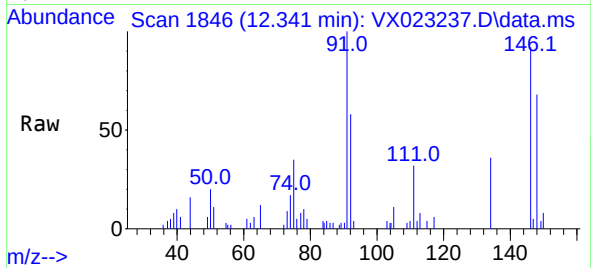


Tgt Ion: 117 Resp: 999
Ion Ratio Lower Upper
117 100
201 77.1 40.4 121.2

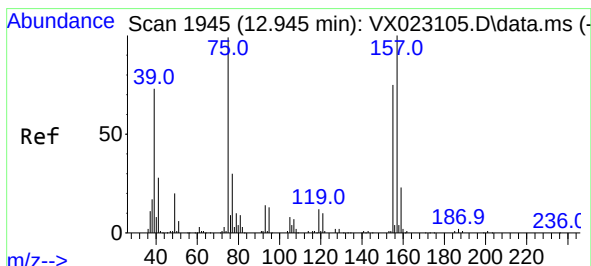
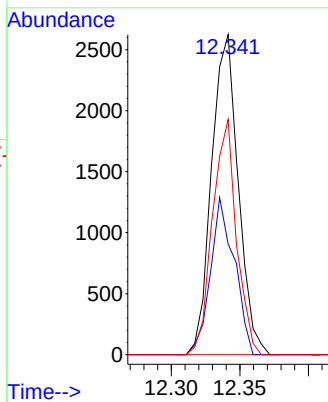
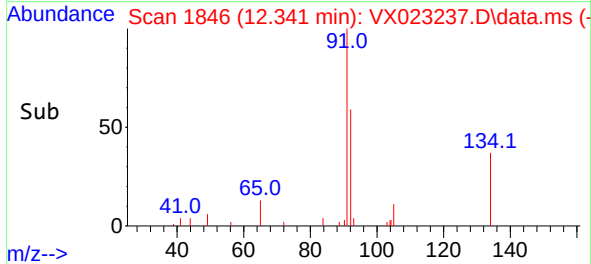




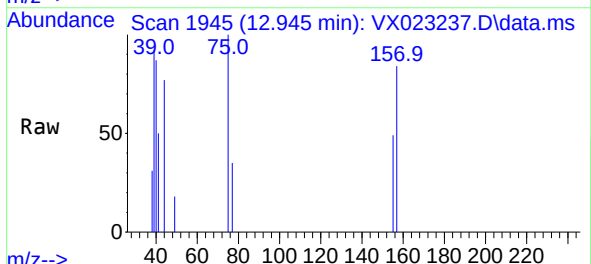
#91
1,2-Dichlorobenzene
Concen: 0.641 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



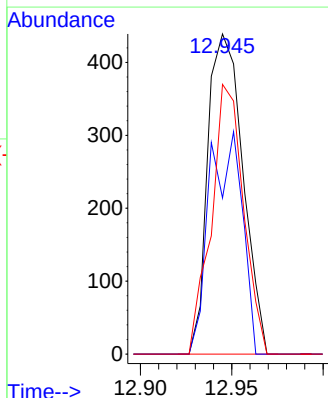
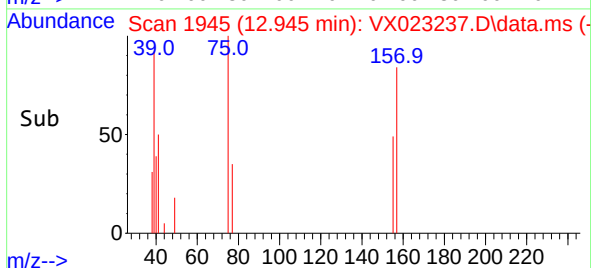
Tgt Ion: 146 Resp: 3547
Ion Ratio Lower Upper
146 100
111 44.0 20.8 62.2
148 66.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.730 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



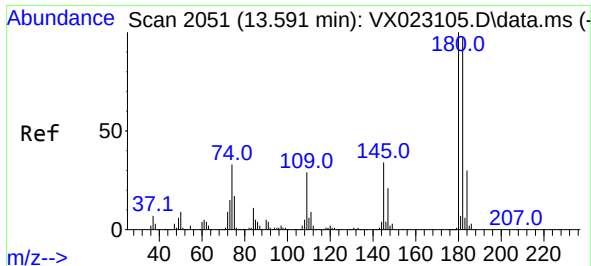
Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
155 64.8 45.3 135.9
157 77.3 57.7 173.1



Instrument :
MSVOA_X
ClientSampleId :
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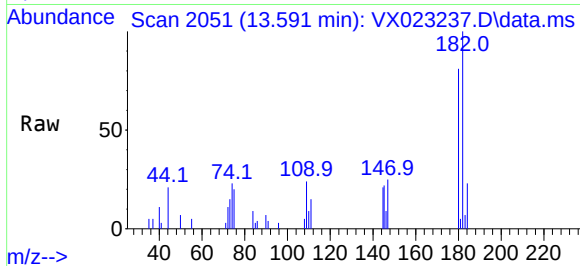
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 0.546 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

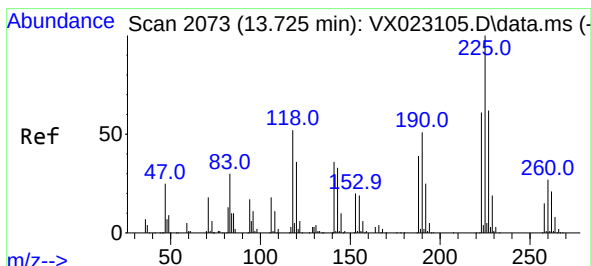
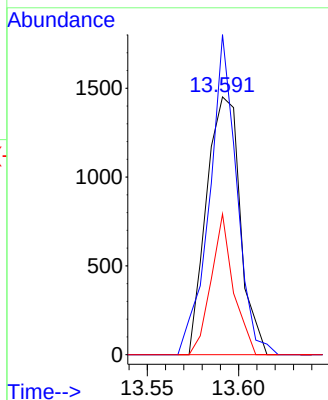
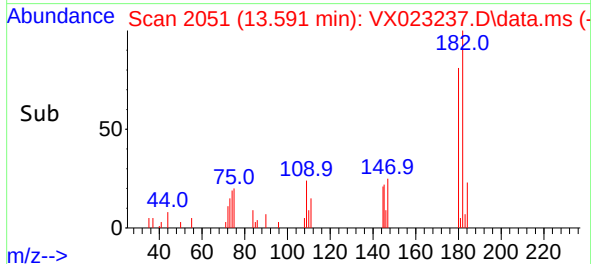
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



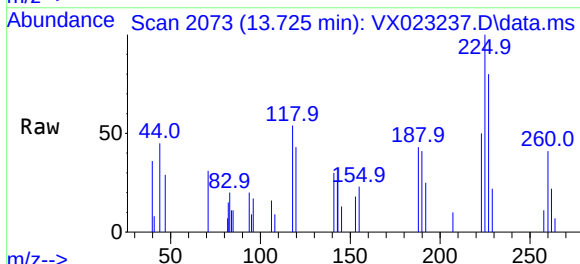
Tgt Ion:180 Resp: 1864
Ion Ratio Lower Upper
180 100
182 100.1 47.7 143.1
145 36.1 15.0 45.0

Manual Integrations
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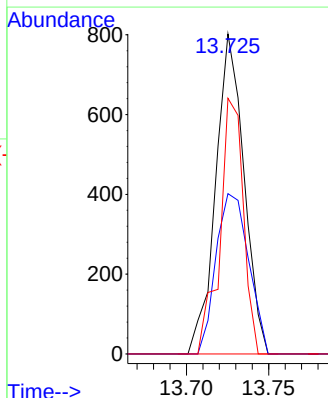
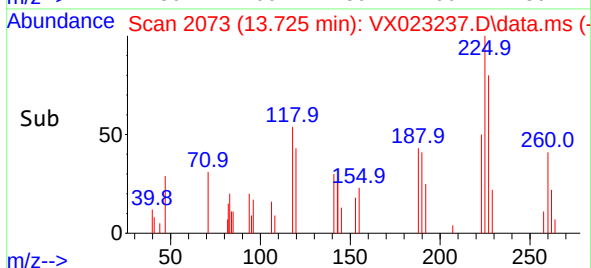
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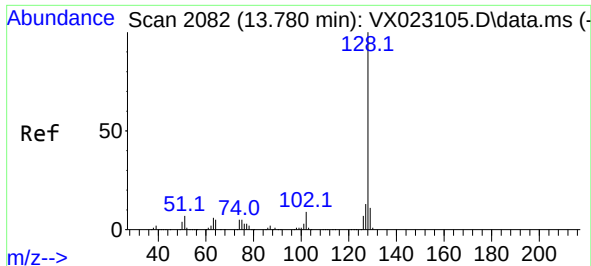


#94
Hexachlorobutadiene
Concen: 0.665 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15

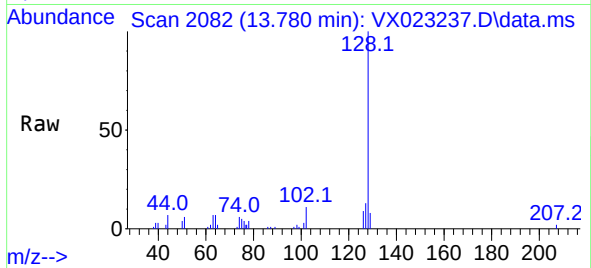


Tgt Ion:225 Resp: 961
Ion Ratio Lower Upper
225 100
223 57.8 31.1 93.2
227 65.8 31.6 95.0

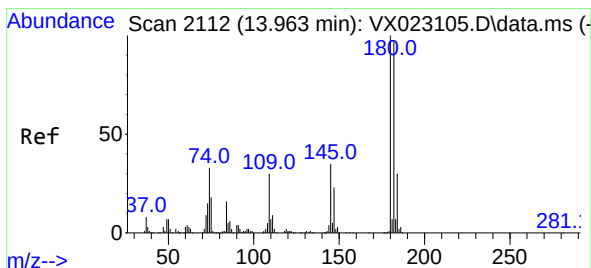
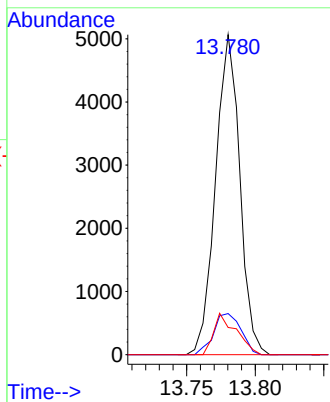
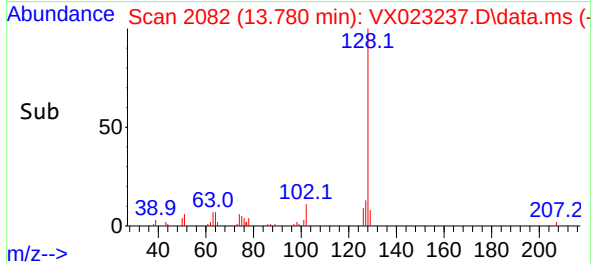




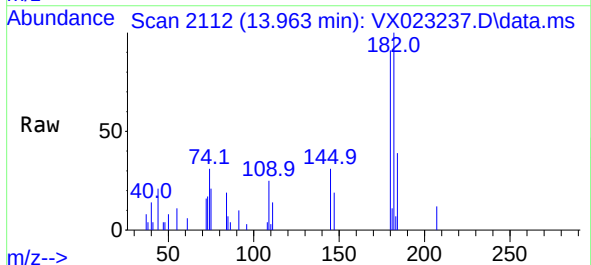
#95
Naphthalene
Concen: 0.548 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



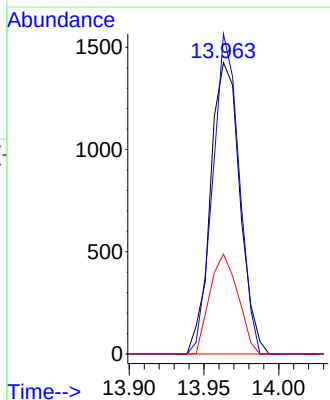
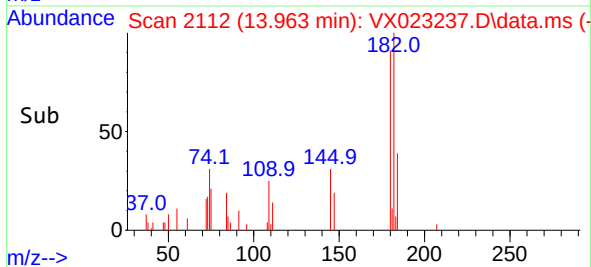
Tgt Ion:	128	Resp:	6216
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	12.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.569 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023237.D
Acq: 12 Jul 2021 13:15



Tgt Ion:	180	Resp:	1953
Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.6	142.9
145	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Manual Integrations
APPROVED

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