

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080421\
 Data File : VX023534.D
 Acq On : 04 Aug 2021 11:07
 Operator : JC/MD
 Sample : M2940-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 11:09:15 AM

Quant Time: Aug 05 05:17:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	40564	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	222528	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	199162	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	91994	29.33	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.77%		
60) 4-Bromofluorobenzene	11.085	95	87829	26.92	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.73%		
63) Toluene-d8	8.653	98	275591	30.75	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	5688	2.37	ug/l	97
3) Chloromethane	1.294	50	6624	2.45	ug/l	97
4) Vinyl Chloride	1.374	62	6102	2.26	ug/l	93
5) Bromomethane	1.605	94	5139	3.24	ug/l	94
6) Chloroethane	1.685	64	4154	2.45	ug/l	97
7) Trichlorofluoromethane	1.886	101	10518	2.41	ug/l	94
8) Diethyl Ether	2.136	74	3451	2.22	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	5572	2.28	ug/l	95
10) 1,1-Dichloroethene	2.319	96	5735	2.44	ug/l	79
11) Methyl Iodide	2.453	142	6247	1.89	ug/l	94
12) Methyl Acetate	2.715	43	7901	2.25	ug/l	97
13) Acrolein	2.239	56	5293	13.72	ug/l	100
14) Acrylonitrile	3.068	53	16589	10.70	ug/l	95
15) Acetone	2.392	58	5910	12.58	ug/l	87
16) Carbon Disulfide	2.514	76	12438	2.15	ug/l	100
17) Allyl chloride	2.666	41	9700	2.23	ug/l	98
18) Methylene Chloride	2.794	84	8608	3.11	ug/l	89
19) trans-1,2-Dichloroethene	3.093	96	5745	2.28	ug/l	95
20) Diisopropyl ether	3.763	45	19018	2.19	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	10734	2.27	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	6359	2.17	ug/l #	67
23) tert-Butyl Alcohol	2.971	59	8385	11.92	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	17874	2.17	ug/l	98
25) Chloroform	5.099	83	11171	2.31	ug/l	97
26) Cyclohexane	5.483	56	9877m	2.30	ug/l	
29) 1,1-Dichloropropene	5.696	75	7906	2.28	ug/l	86
30) 2-Butanone	4.574	43	27100	11.67	ug/l #	58
31) 2,2-Dichloropropane	4.483	77	8096	2.07	ug/l #	56
32) 1,1,1-Trichloroethane	5.397	97	9118	2.17	ug/l	98
33) Carbon Tetrachloride	5.684	117	7657	2.10	ug/l	94
34) Benzene	6.043	78	24495	2.34	ug/l	98
35) Methacrylonitrile	4.934	41	5120	2.19	ug/l	91
36) 1,2-Dichloroethane	6.098	62	9143	2.29	ug/l	99
37) Trichloroethene	7.135	130	6456	2.27	ug/l	93
38) Methylcyclohexane	7.379	83	9675	2.19	ug/l	93
39) 1,2-Dichloropropane	7.440	63	5749	2.10	ug/l	93
40) Dibromomethane	7.580	93	4346	2.24	ug/l	98
41) Bromodichloromethane	7.830	83	7286	2.07	ug/l	90
42) Vinyl Acetate	3.733	43	78700	10.40	ug/l	99
43) Ethyl Acetate	4.727	43	9907	2.30	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.348	43	14162	2.06	ug/l	99
45) 1,4-Dioxane	7.665	88	3001	42.15	ug/l	90
46) Methyl methacrylate	7.702	41	6615	2.00	ug/l	97
47) n-amyl Acetate	10.848	43	11445	1.96	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	7752	1.89	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	8769	2.01	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	6071	2.17	ug/l	86
51) Ethyl methacrylate	9.116	69	8816	2.00	ug/l	93
52) 1,3-Dichloropropane	9.311	76	9932	2.16	ug/l	99
53) Dibromochloromethane	9.525	129	5242	1.86	ug/l	94
54) 1,2-Dibromoethane	9.610	107	6350	2.14	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	23756	10.77	ug/l	98
56) Bromoform	10.799	173	3530	1.75	ug/l	98
58) 4-Methyl-2-Pentanone	8.580	43	47045	10.96	ug/l	99
59) 2-Hexanone	9.433	43	37093	11.13	ug/l	97
61) Tetrachloroethene	9.281	164	6580	2.46	ug/l	88
62) Toluene	8.720	91	25768	2.29	ug/l	99
64) Chlorobenzene	10.079	112	16252	2.29	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	5376	2.04	ug/l	97
66) Ethyl Benzene	10.195	91	27178	2.19	ug/l	99
67) m/p-Xylenes	10.305	106	19512	4.06	ug/l	95
68) o-Xylene	10.646	106	10338	2.18	ug/l	94
69) Styrene	10.659	104	14917	1.91	ug/l	97
70) Isopropylbenzene	10.963	105	25485	2.04	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	8825	2.21	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	7810m	2.08	ug/l	
73) Bromobenzene	11.201	156	6807	2.24	ug/l	98
74) n-propylbenzene	11.305	91	28105	1.95	ug/l	98
75) 2-Chlorotoluene	11.366	91	17959	2.08	ug/l	98
76) 1,3,5-Trimethylbenzene	11.457	105	21324	2.06	ug/l	100
77) t-1,4-Dichloro-2-butene	11.024	75	2088	1.56	ug/l	96
78) 4-Chlorotoluene	11.457	91	19743	2.03	ug/l	97
79) tert-butylbenzene	11.719	119	20647	2.06	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	20446	2.00	ug/l	99
81) sec-Butylbenzene	11.896	105	25727	2.00	ug/l	100
82) p-Isopropyltoluene	12.012	119	20651	1.95	ug/l	99
83) 1,3-Dichlorobenzene	11.975	146	11103	2.02	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	10610	1.95	ug/l	97
85) n-Butylbenzene	12.335	91	17621	1.88	ug/l	98
86) Hexachloroethane	12.542	117	2828	1.65	ug/l	98
87) 1,2-Dichlorobenzene	12.341	146	11113	2.10	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1487	1.70	ug/l	91
89) 1,2,4-Trichlorobenzene	13.591	180	5966	1.82	ug/l	95
90) Hexachlorobutadiene	13.725	225	2979	2.02	ug/l	95
91) Naphthalene	13.780	128	17946	1.59	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	5743	1.74	ug/l	97

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

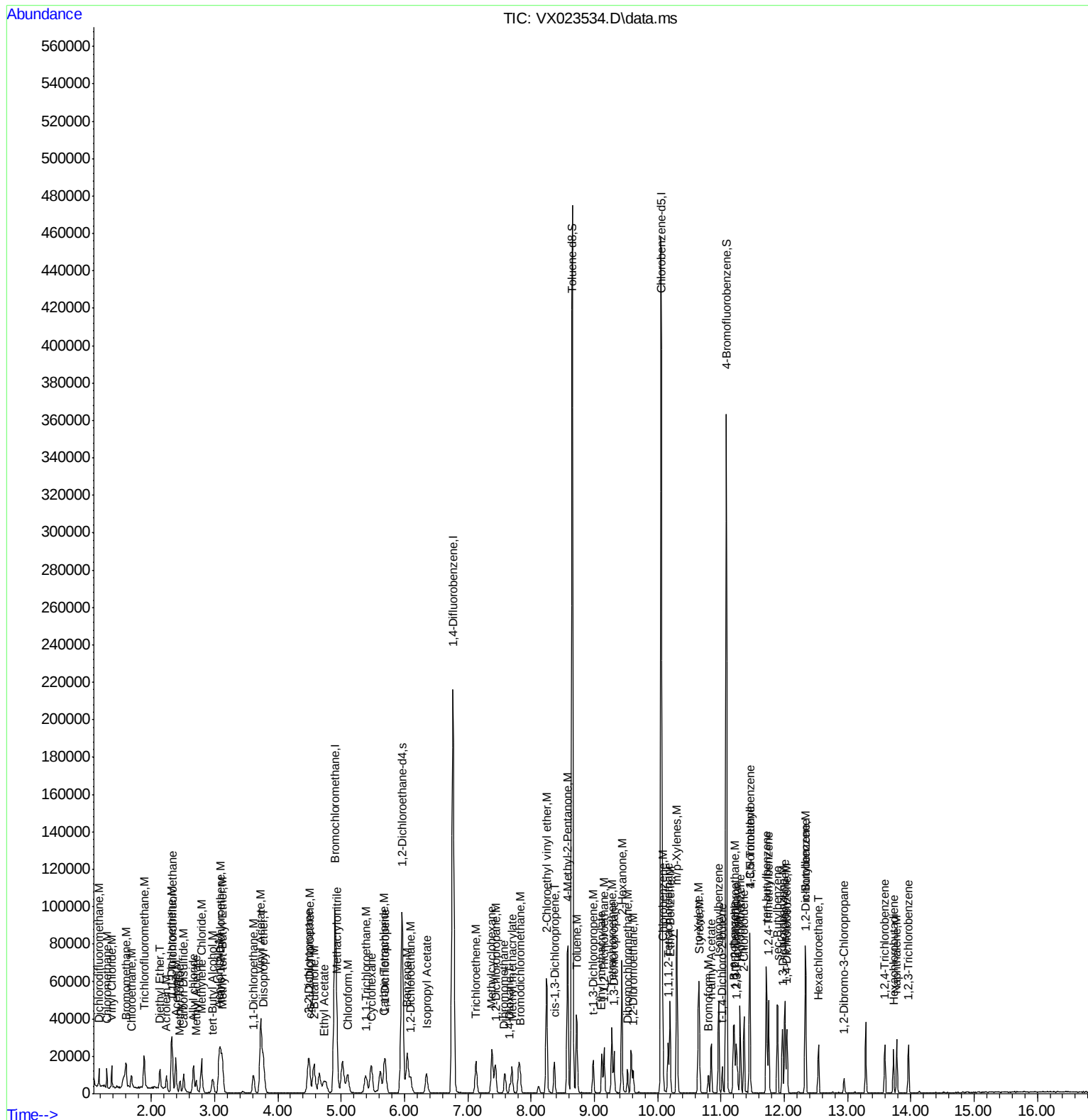
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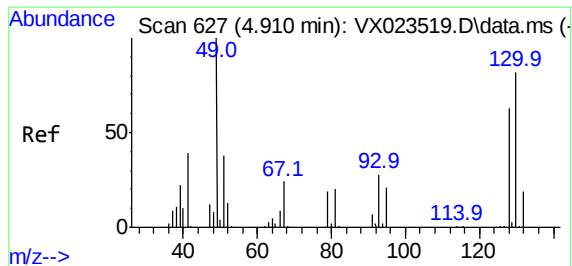
Instrument :
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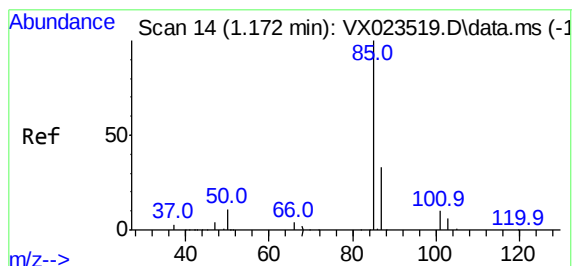
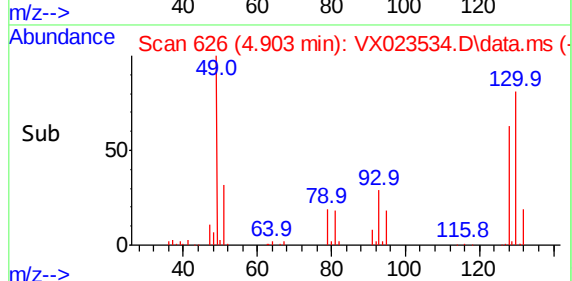
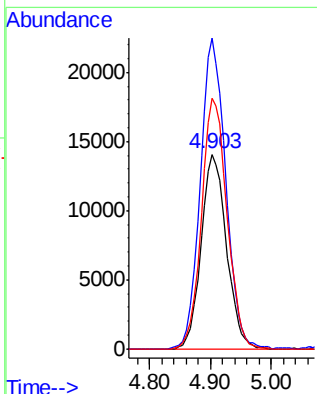
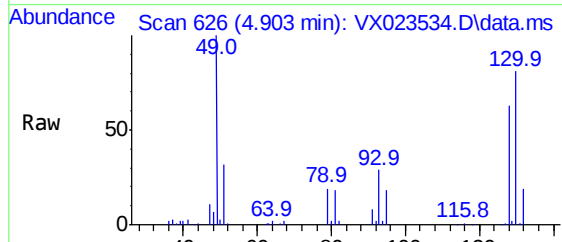
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.007 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion:128 Resp: 40564
Ion Ratio Lower Upper
128 100
49 159.8 0.0 402.5
130 129.6 0.0 326.5

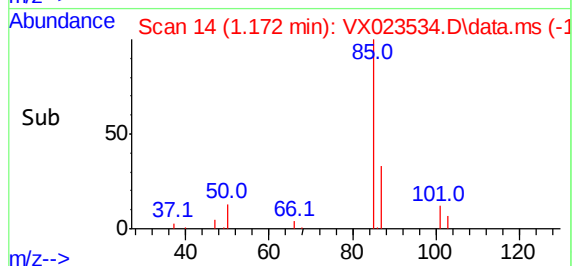
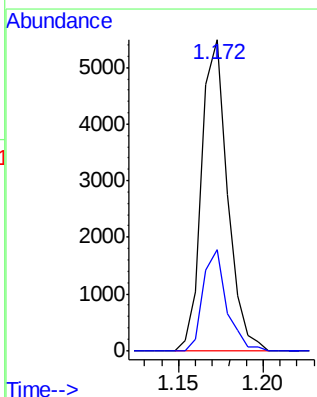
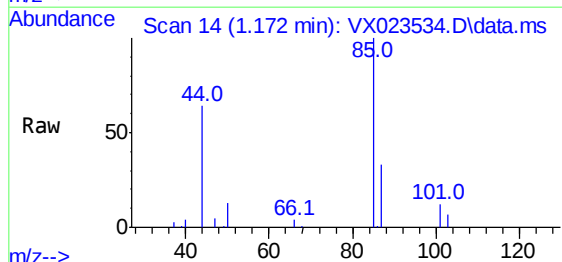
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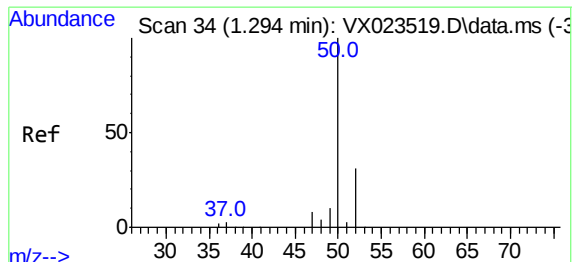
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#2
Dichlorodifluoromethane
Concen: 2.37 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 85 Resp: 5688
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





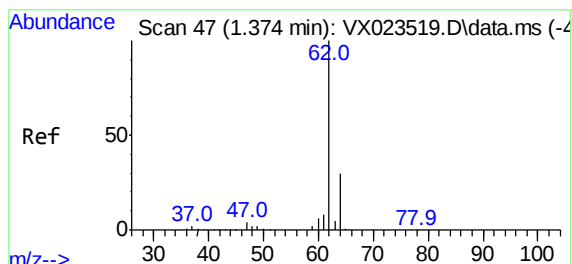
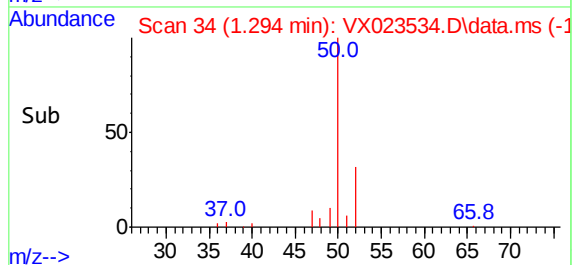
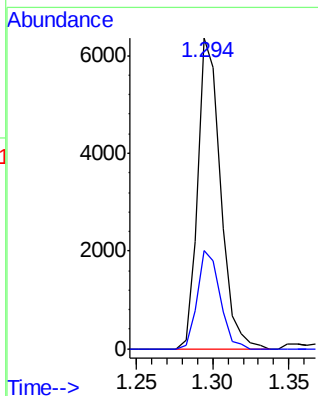
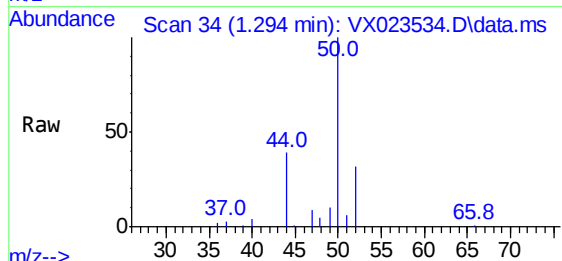
#3
Chloromethane
Concen: 2.45 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 50 Resp: 6624
Ion Ratio Lower Upper
50 100
52 31.7 26.9 40.3

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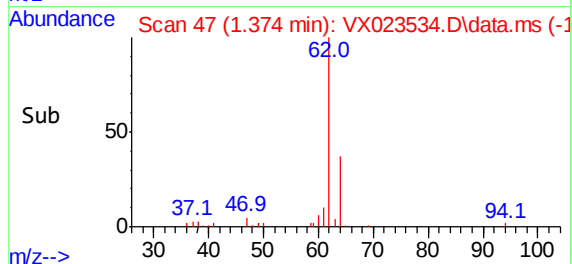
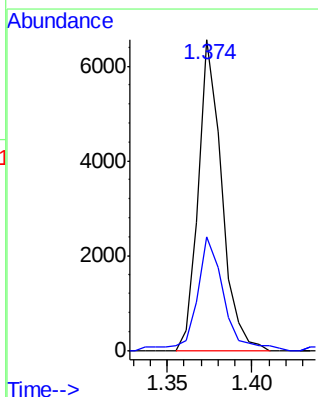
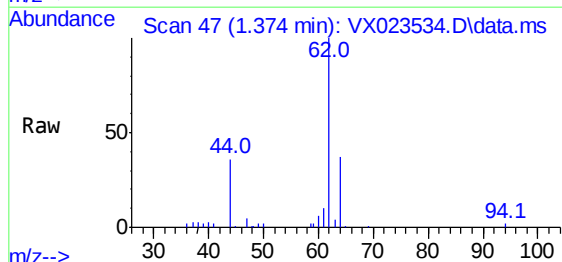
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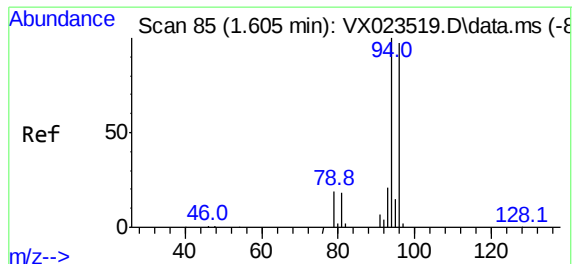
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#4
Vinyl Chloride
Concen: 2.26 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 62 Resp: 6102
Ion Ratio Lower Upper
62 100
64 35.3 25.0 37.4





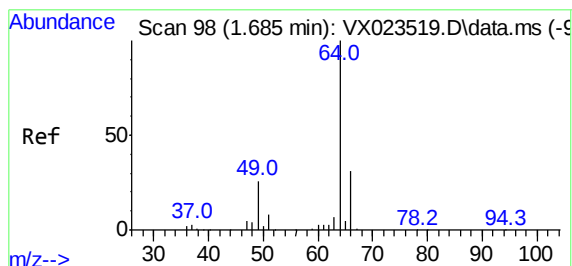
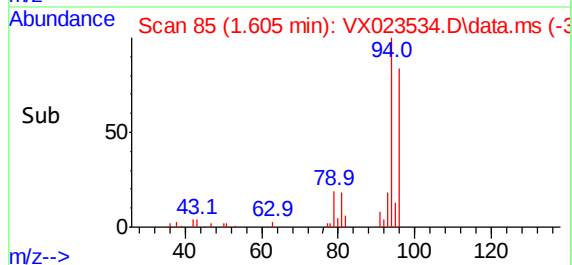
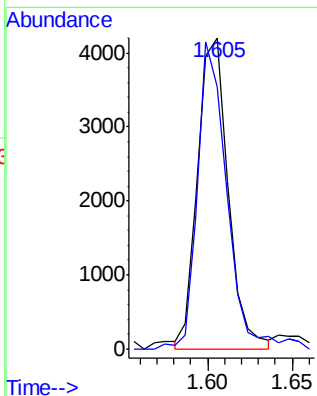
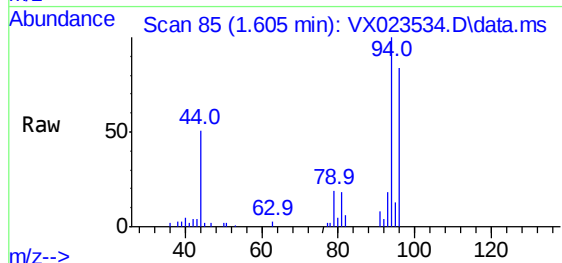
#5
Bromomethane
Concen: 3.24 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 94 Resp: 5139
Ion Ratio Lower Upper
94 100
96 85.2 72.8 109.2

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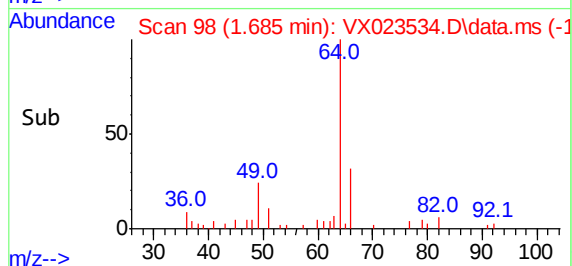
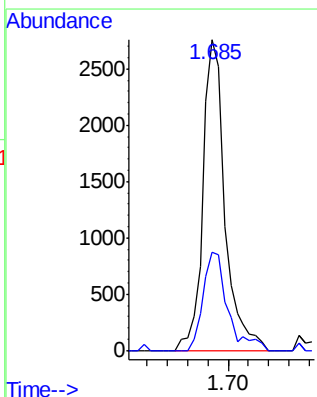
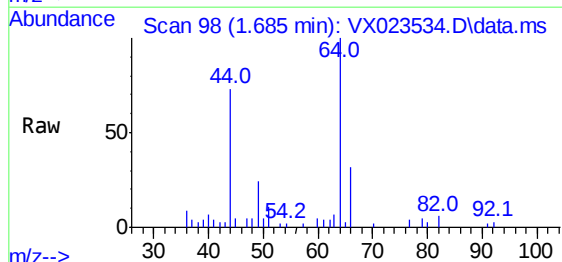
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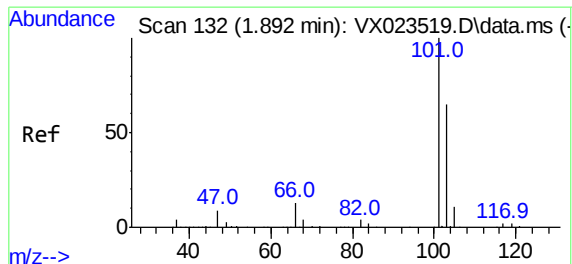
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#6
Chloroethane
Concen: 2.45 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 64 Resp: 4154
Ion Ratio Lower Upper
64 100
66 31.6 26.8 40.2





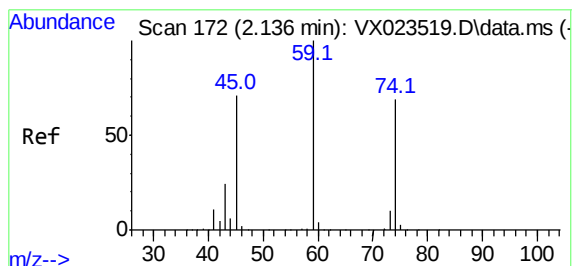
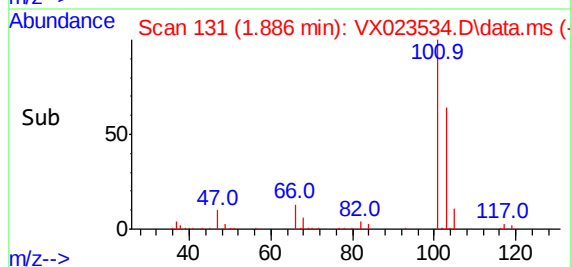
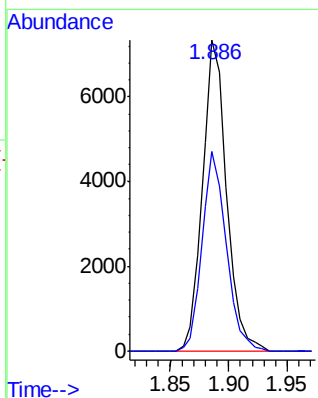
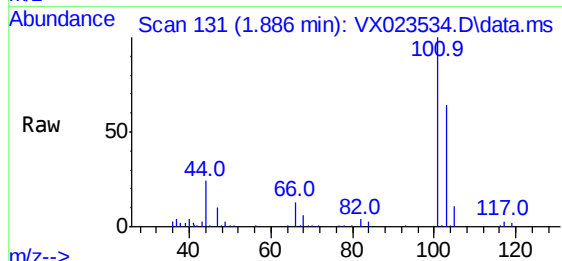
#7
Trichlorofluoromethane
Concen: 2.41 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion:101 Resp: 10518
Ion Ratio Lower Upper
101 100
103 64.1 55.0 82.6

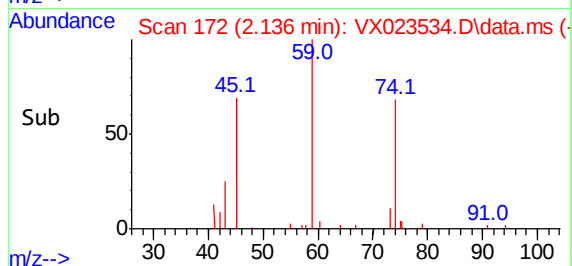
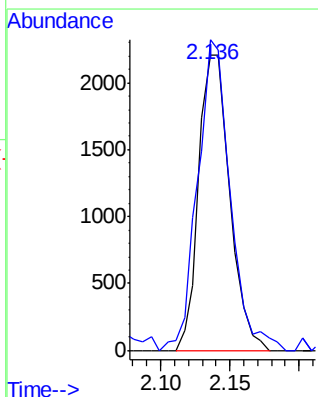
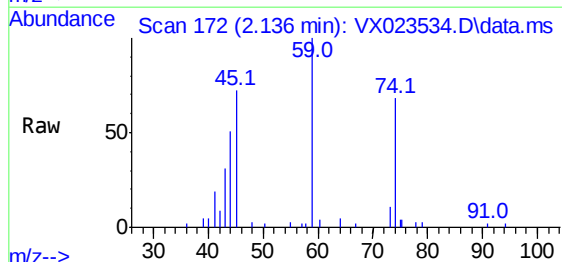
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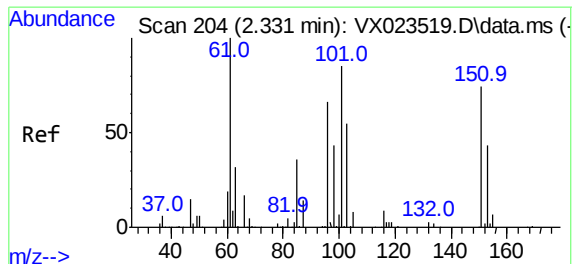
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#8
Diethyl Ether
Concen: 2.22 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 74 Resp: 3451
Ion Ratio Lower Upper
74 100
45 107.2 19.9 179.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.28 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023534.D
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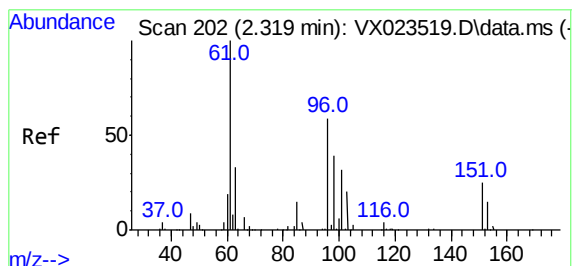
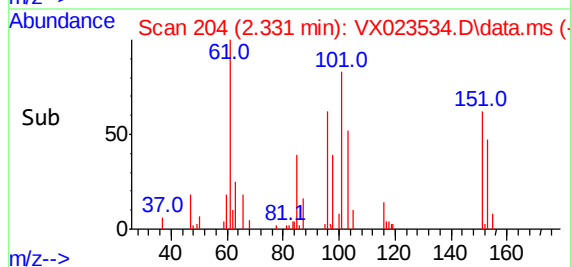
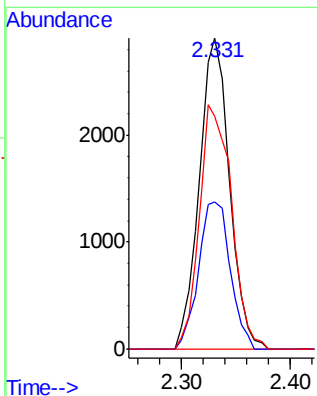
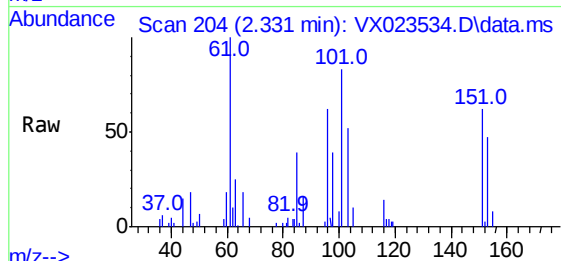
Tgt Ion: 101 Resp: 5572

Ion	Ratio	Lower	Upper
101	100		
85	49.5	0.0	91.4
151	83.7	0.0	160.0

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

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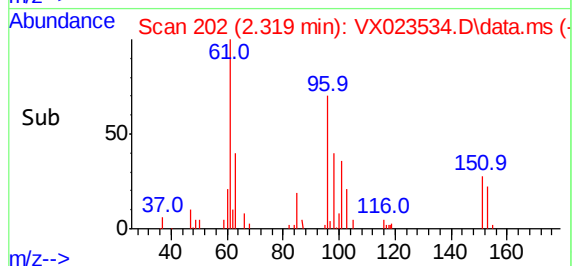
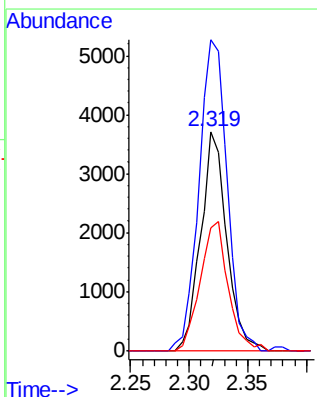
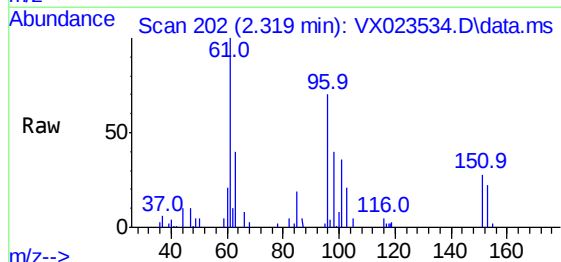
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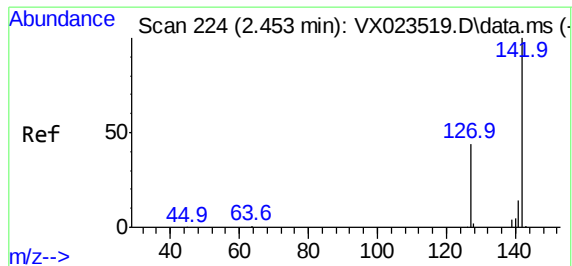


#10
1,1-Dichloroethene
Concen: 2.44 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 96 Resp: 5735

Ion	Ratio	Lower	Upper
96	100		
61	142.0	140.3	210.5
98	56.2	52.8	79.2





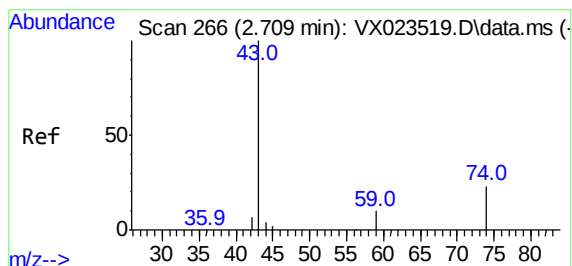
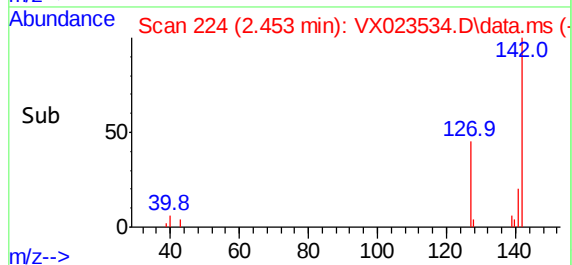
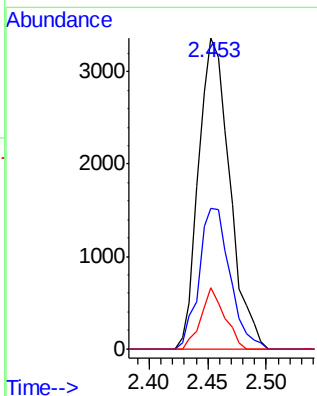
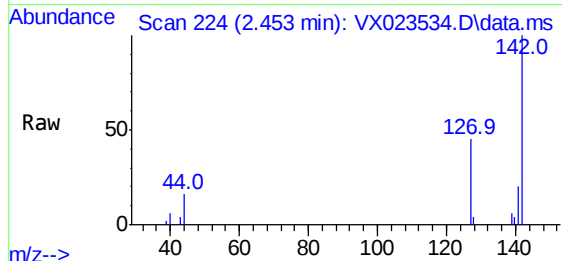
#11
Methyl Iodide
Concen: 1.89 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:142 Resp: 6247
Ion Ratio Lower Upper
142 100
127 45.2 23.6 71.0
141 19.8 7.1 21.3

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

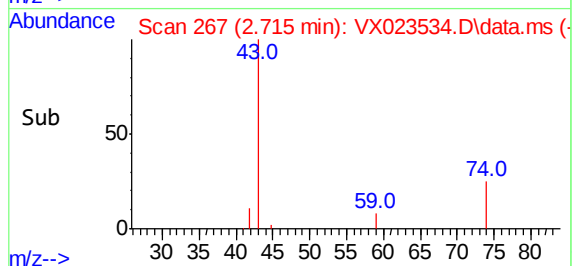
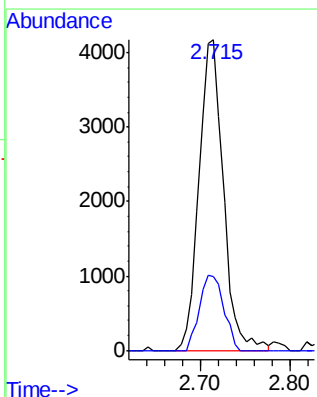
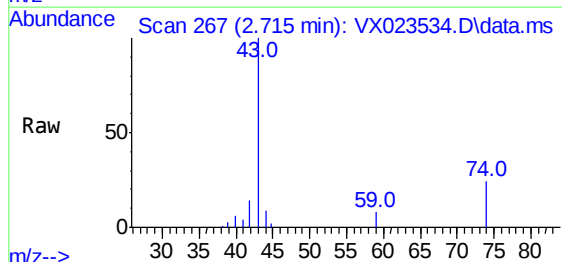
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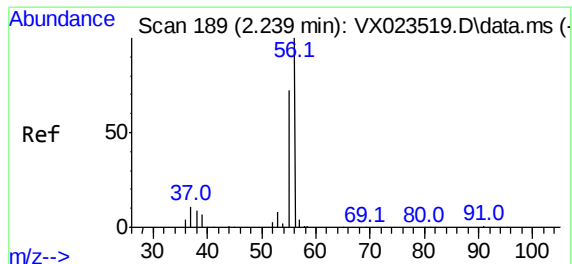
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#12
Methyl Acetate
Concen: 2.25 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 43 Resp: 7901
Ion Ratio Lower Upper
43 100
74 24.1 18.2 27.2





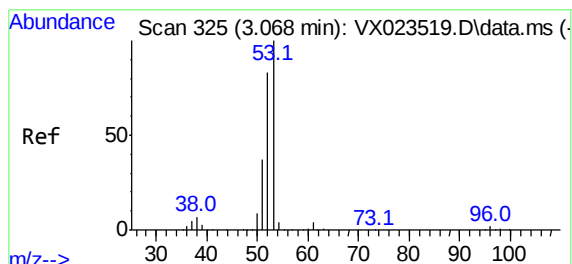
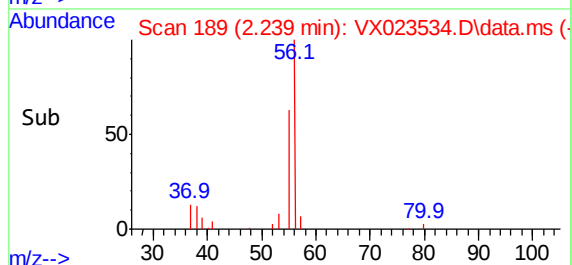
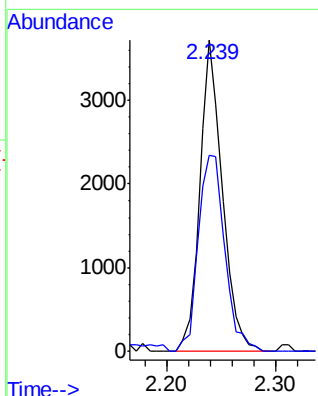
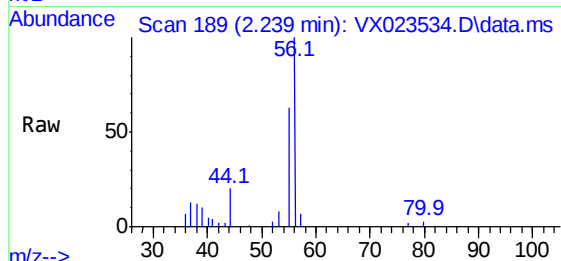
#13
Acrolein
Concen: 13.72 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 56 Resp: 5293
Ion Ratio Lower Upper
56 100
55 74.3 59.5 89.3

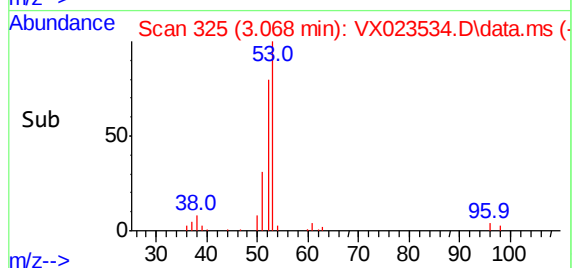
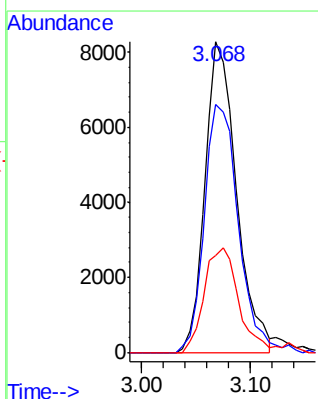
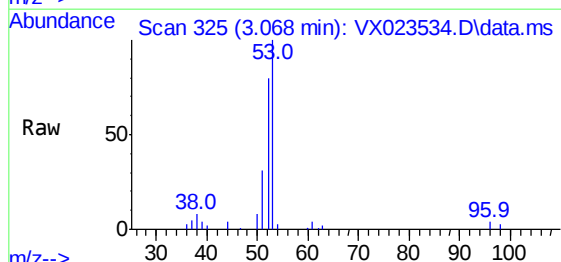
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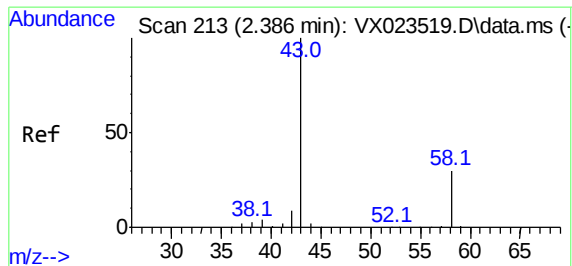
MMDadoda
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#14
Acrylonitrile
Concen: 10.70 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 53 Resp: 16589
Ion Ratio Lower Upper
53 100
52 86.5 40.4 121.2
51 36.5 18.1 54.1





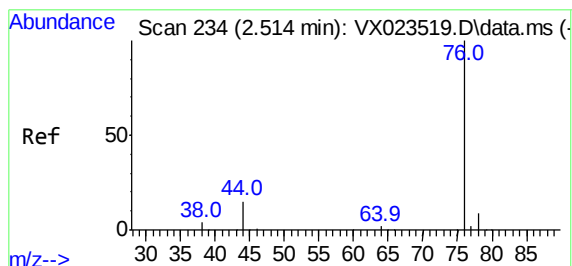
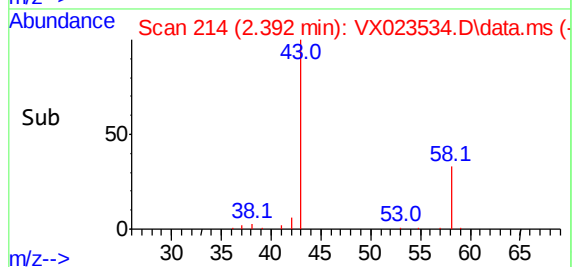
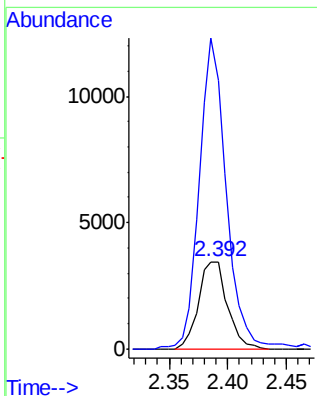
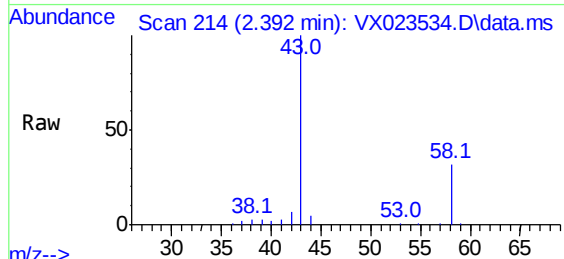
#15
Acetone
Concen: 12.58 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 58 Resp: 5910
Ion Ratio Lower Upper
58 100
43 305.8 266.6 400.0

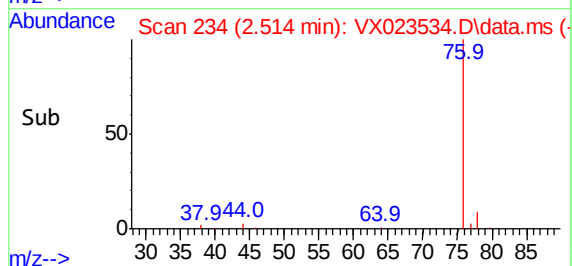
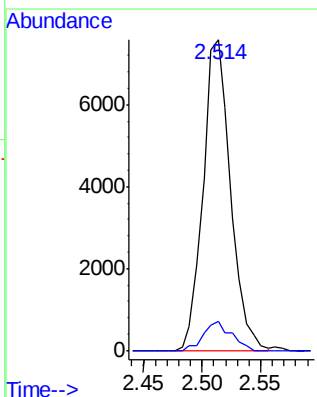
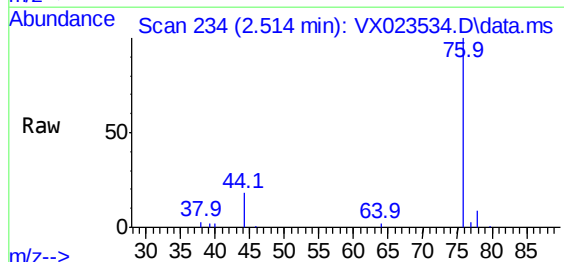
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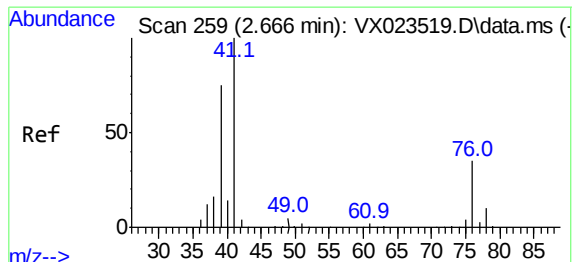
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#16
Carbon Disulfide
Concen: 2.15 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

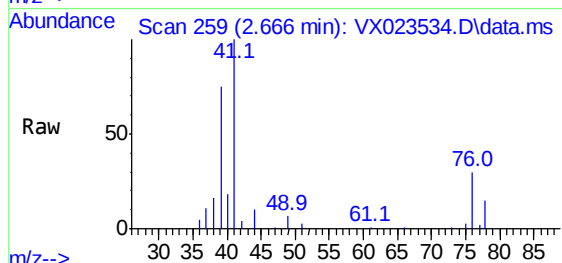
Tgt Ion: 76 Resp: 12438
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17
 Allyl chloride
 Concen: 2.23 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

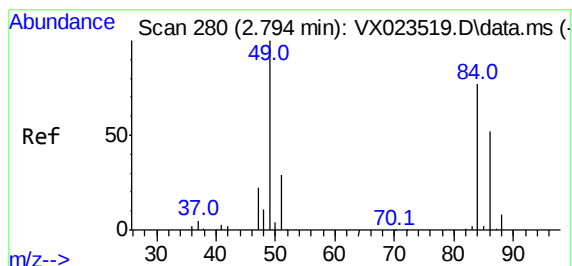
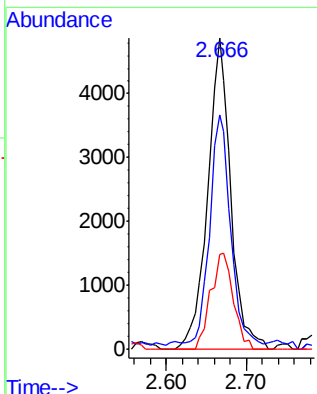
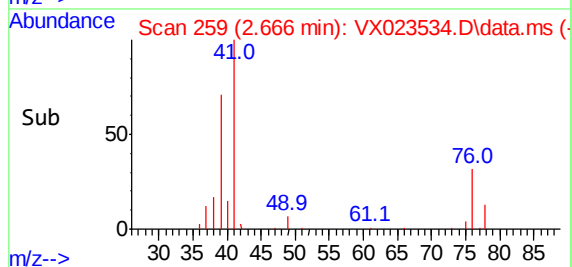
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL



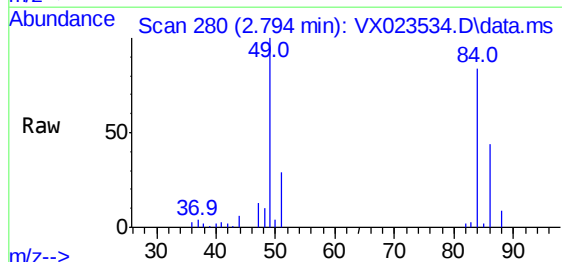
Tgt Ion: 41 Resp: 9700
 Ion Ratio Lower Upper
 41 100
 39 73.4 36.4 109.3
 76 30.3 16.6 49.7

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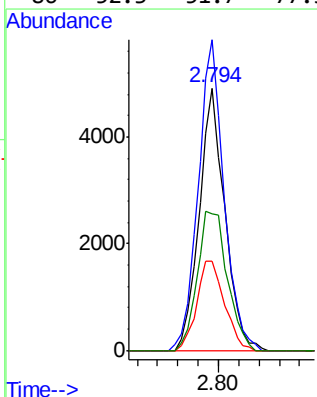
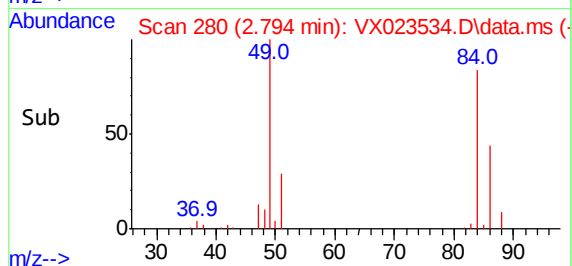
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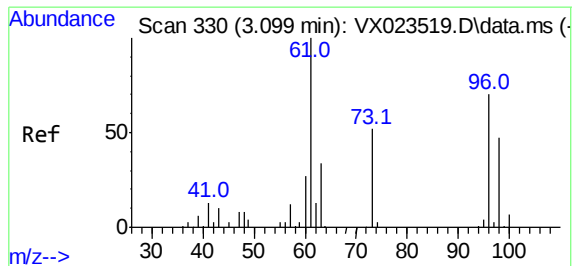


#18
 Methylene Chloride
 Concen: 3.11 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07



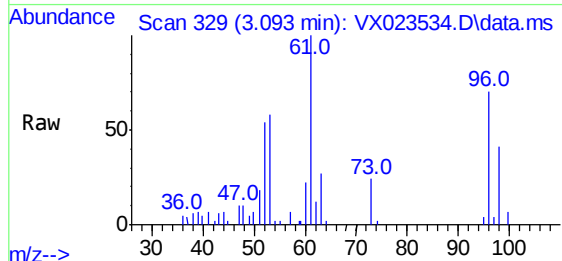
Tgt Ion: 84 Resp: 8608
 Ion Ratio Lower Upper
 84 100
 49 118.4 104.3 156.5
 51 34.1 30.3 45.5
 86 52.3 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 2.28 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

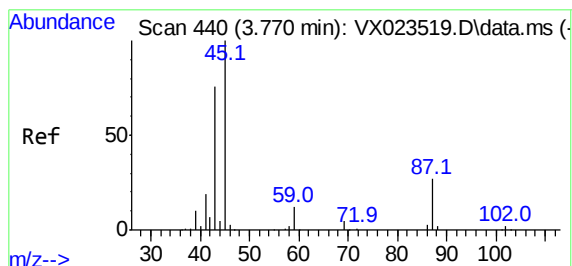
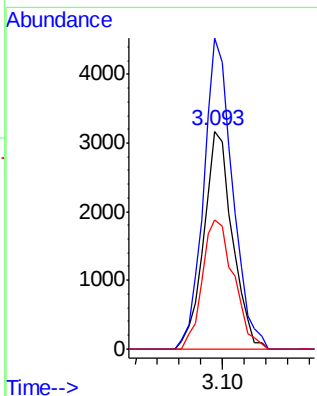
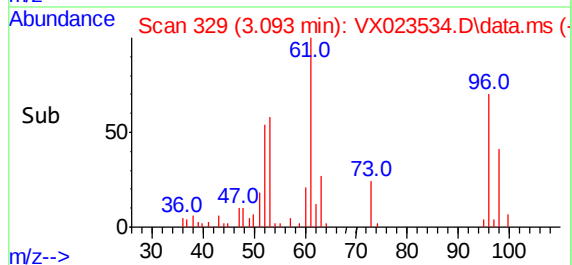


Tgt Ion: 96 Resp: 5745

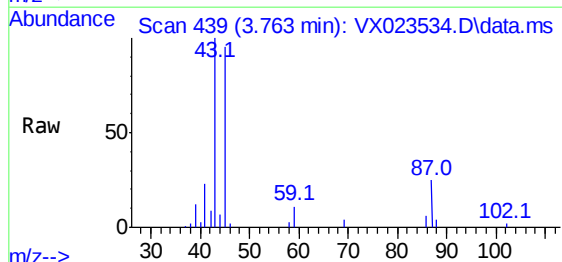
Ion	Ratio	Lower	Upper
96	100		
61	142.9	109.2	163.8
98	59.2	50.8	76.2

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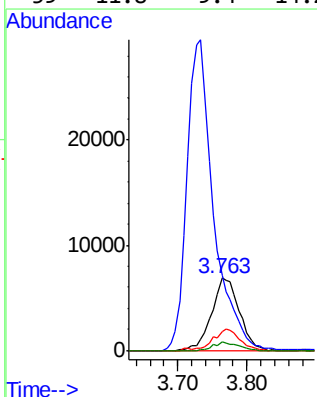
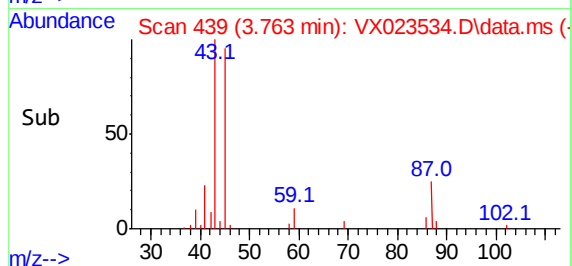


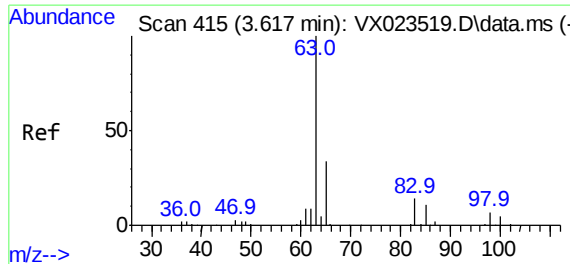
#20
Diisopropyl ether
Concen: 2.19 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion: 45 Resp: 19018

Ion	Ratio	Lower	Upper
45	100		
43	101.5	63.8	95.6#
87	26.1	21.8	32.6
59	11.8	9.4	14.2





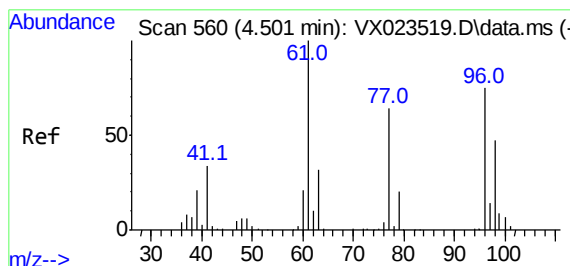
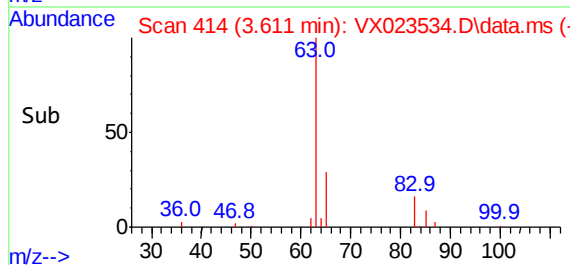
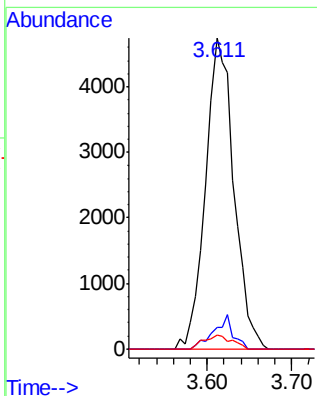
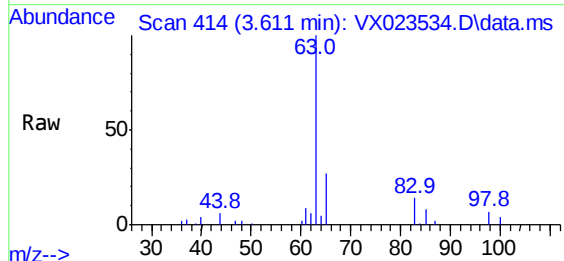
#21
1,1-Dichloroethane
Concen: 2.27 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 63 Resp: 10734
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.1
100 4.4 2.1 6.2

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

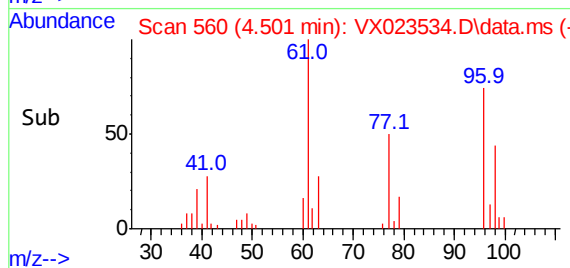
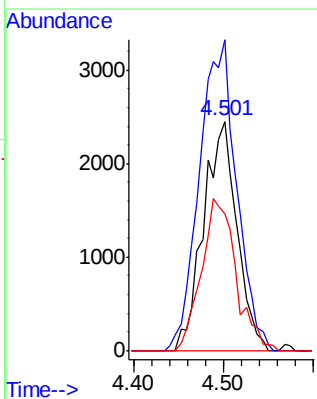
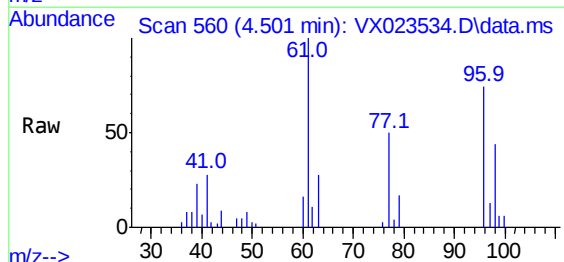
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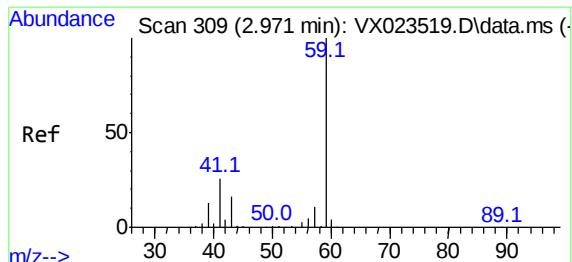
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#22
cis-1,2-Dichloroethene
Concen: 2.17 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 96 Resp: 6359
Ion Ratio Lower Upper
96 100
61 87.7 114.5 171.7#
98 68.3 51.3 76.9





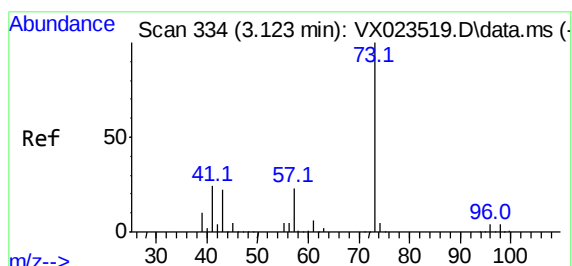
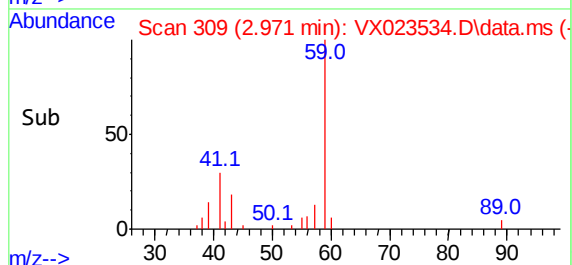
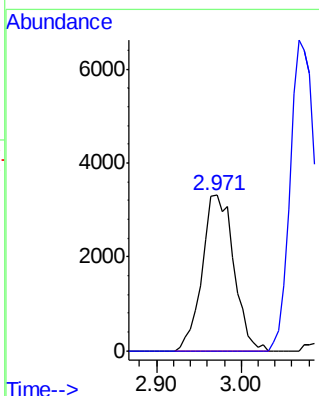
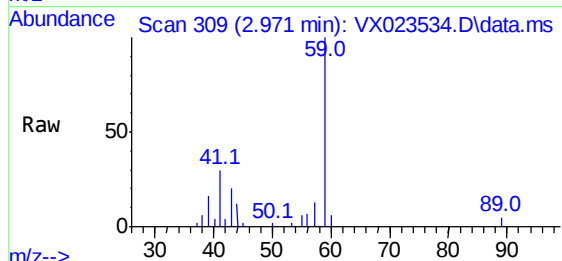
#23
tert-Butyl Alcohol
Concen: 11.92 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 59 Resp: 8385
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

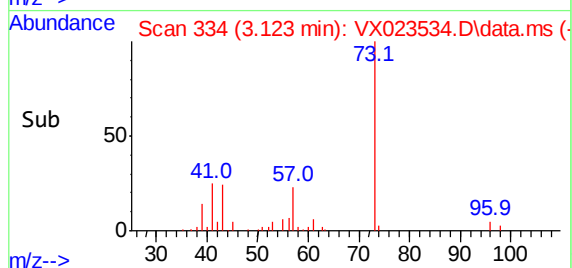
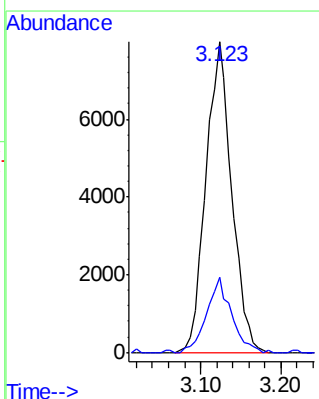
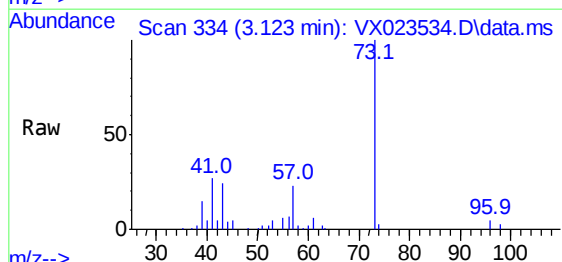
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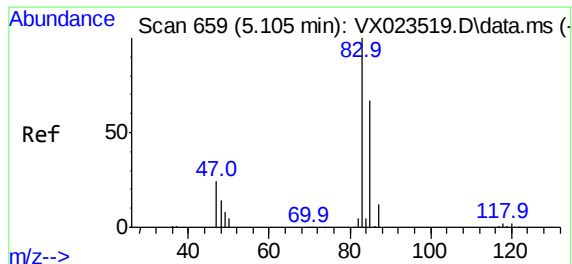
MMDadoda
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#24
Methyl tert-Butyl Ether
Concen: 2.17 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 73 Resp: 17874
Ion Ratio Lower Upper
73 100
43 23.2 17.9 26.9





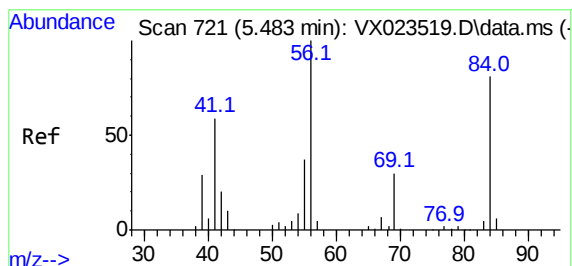
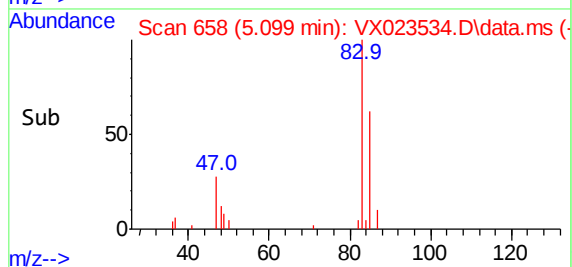
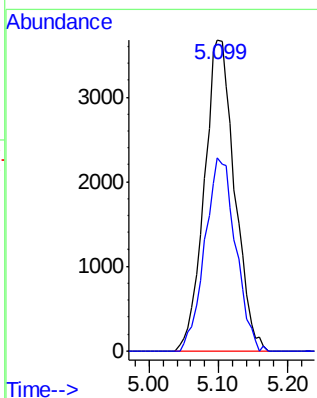
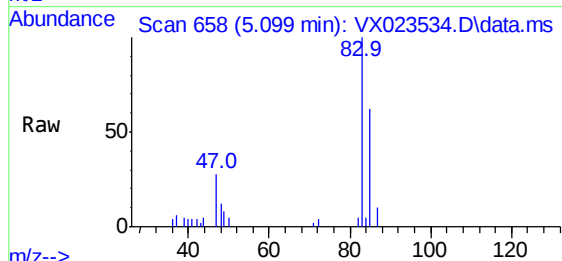
#25
Chloroform
Concen: 2.31 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 83 Resp: 11171
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.8

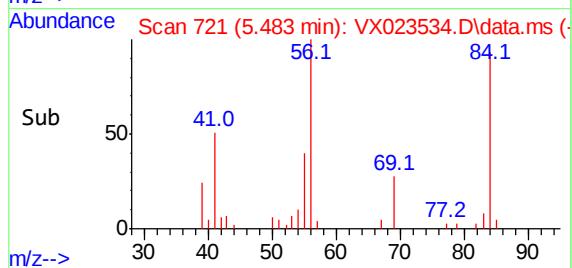
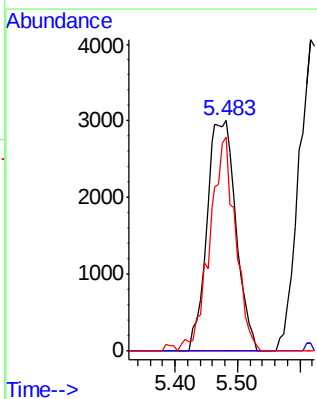
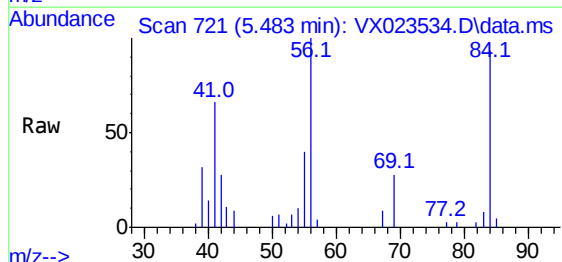
Manual Integrations
APPROVED

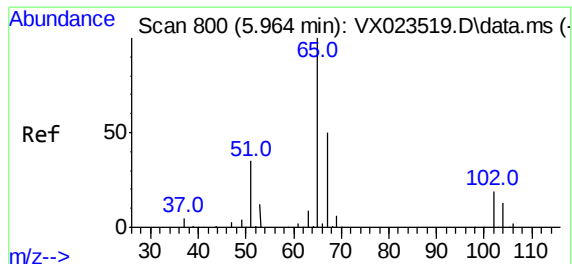
MMDadoda
8/6/2021 11:09:15 AM



#26
Cyclohexane
Concen: 2.30 ug/l m
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 56 Resp: 9877
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.8 69.0 103.6





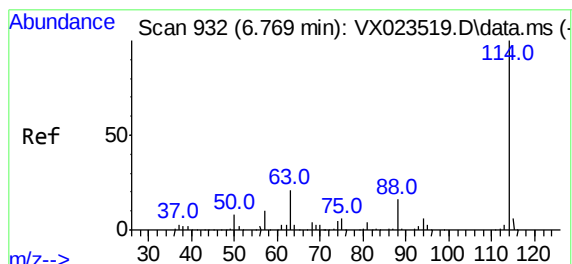
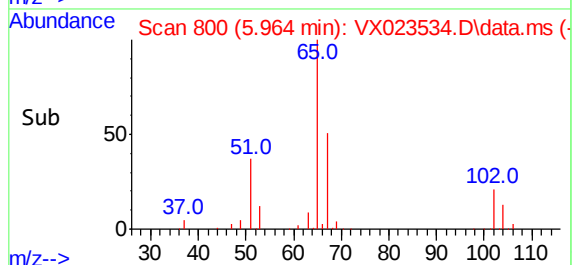
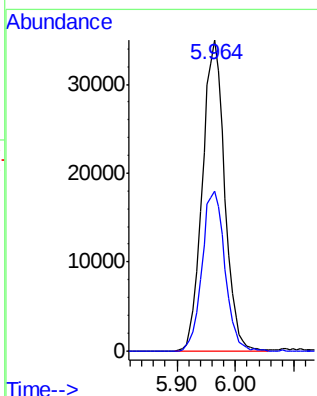
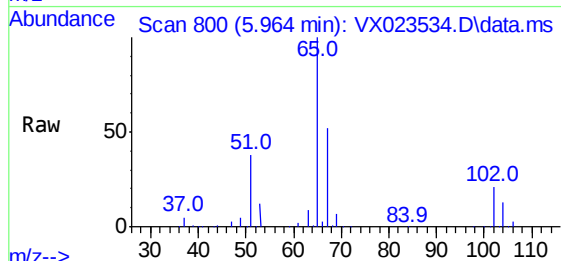
#27
1,2-Dichloroethane-d4
Concen: 29.33 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 65 Resp: 91994
Ion Ratio Lower Upper
65 100
67 52.6 42.4 63.6

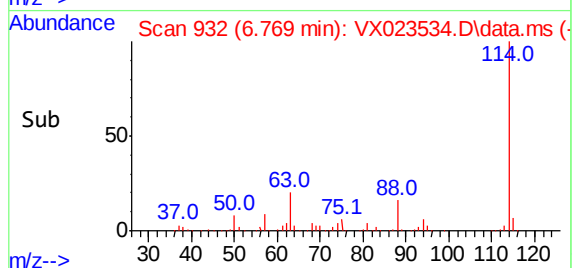
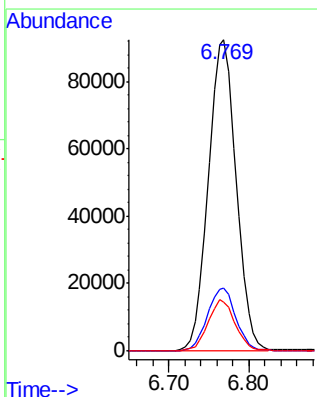
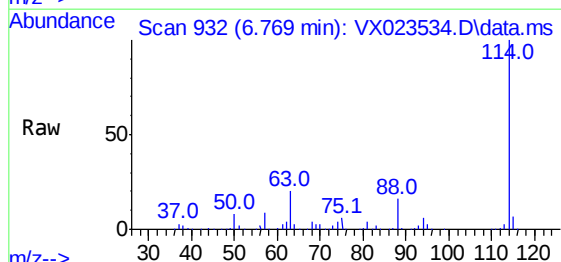
Manual Integrations
APPROVED

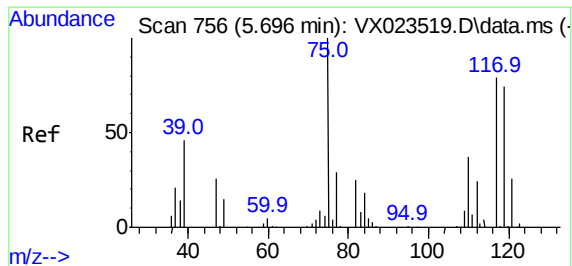
MMDadoda
8/6/2021 11:09:15 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:114 Resp: 222528
Ion Ratio Lower Upper
114 100
63 20.4 16.4 24.6
88 15.7 12.7 19.1





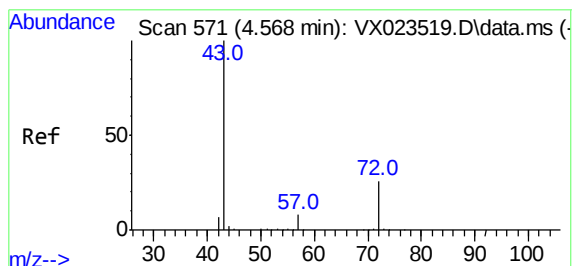
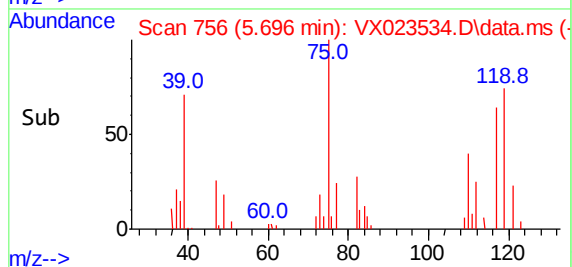
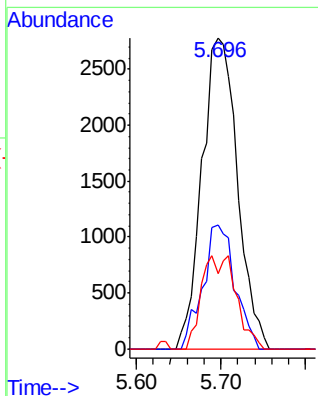
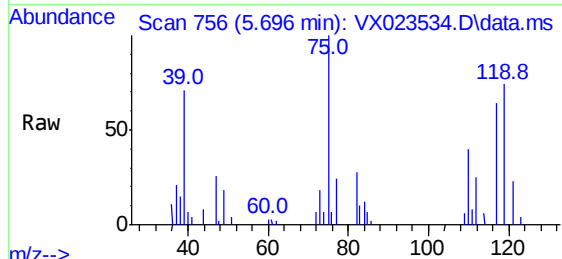
#29
1,1-Dichloropropene
Concen: 2.28 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 75 Resp: 7906
Ion Ratio Lower Upper
75 100
110 36.2 0.0 72.0
77 14.9 0.0 61.8

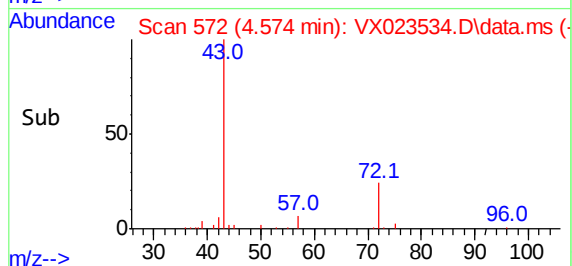
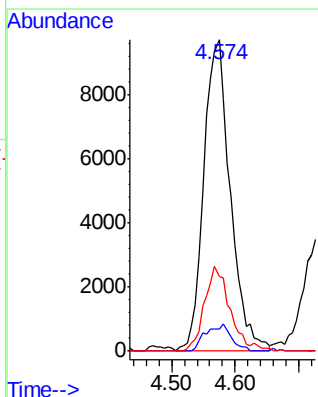
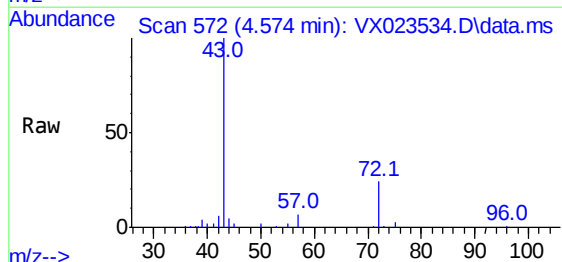
Manual Integrations
APPROVED

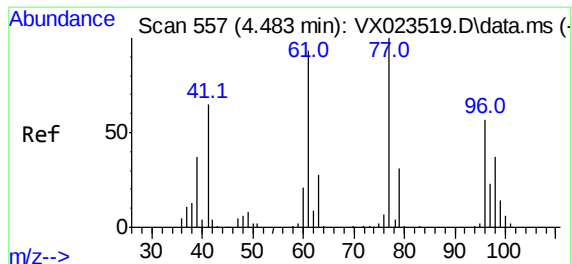
MMDadoda
8/6/2021 11:09:15 AM



#30
2-Butanone
Concen: 11.67 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 43 Resp: 27100
Ion Ratio Lower Upper
43 100
57 3.4 6.6 9.8#
72 0.0 21.0 31.4#





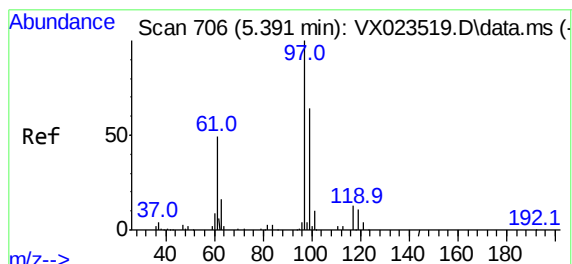
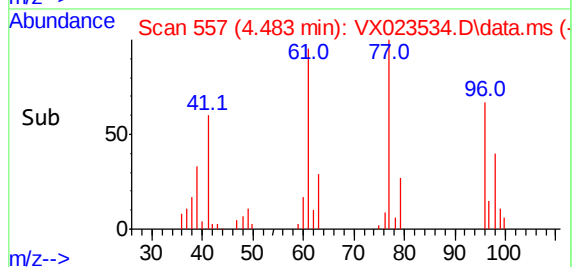
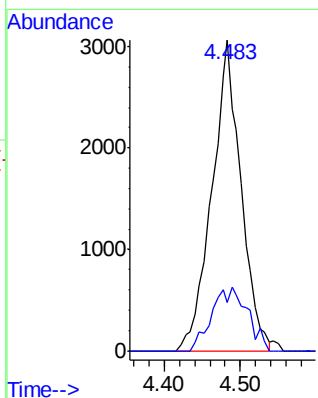
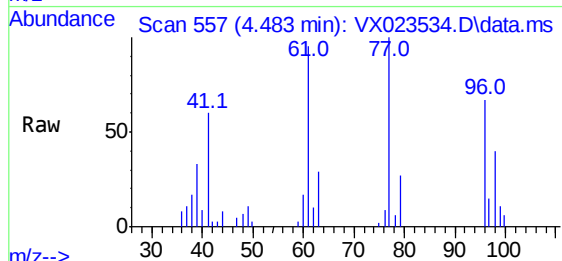
#31
2,2-Dichloropropane
Concen: 2.07 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 77 Resp: 8096
Ion Ratio Lower Upper
77 100
97 2.8 19.8 29.8#

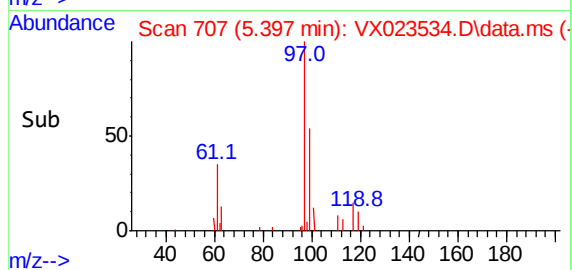
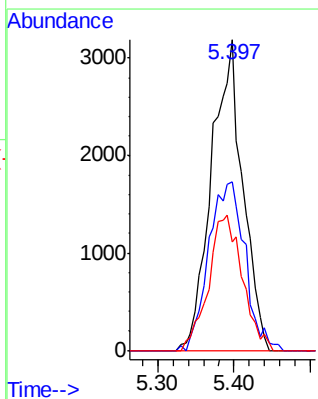
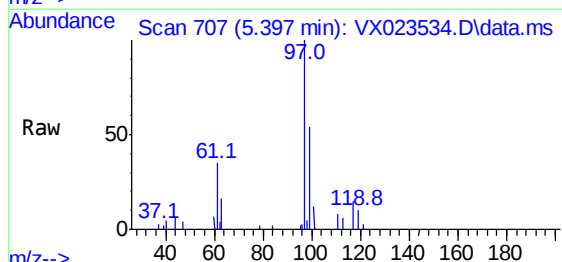
Manual Integrations
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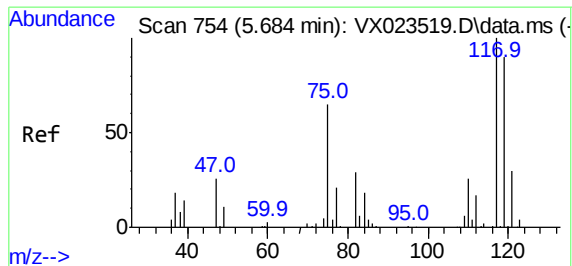
MMDadoda
8/6/2021 11:09:15 AM



#32
1,1,1-Trichloroethane
Concen: 2.17 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 97 Resp: 9118
Ion Ratio Lower Upper
97 100
99 62.1 50.4 75.6
61 47.0 36.4 54.6





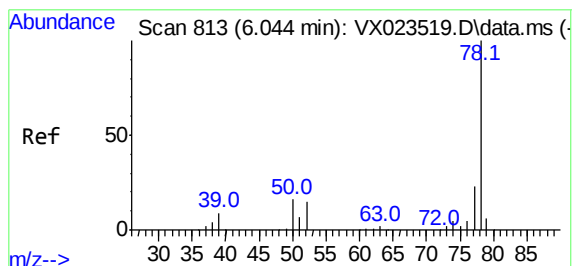
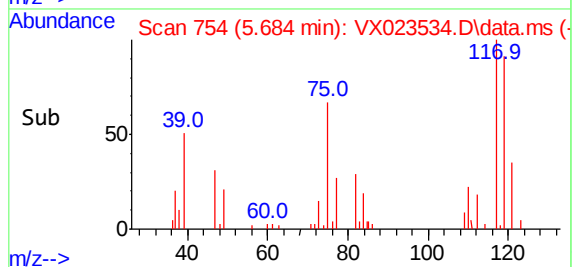
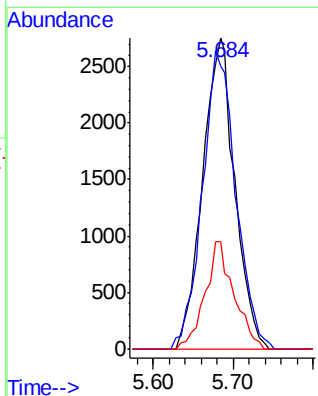
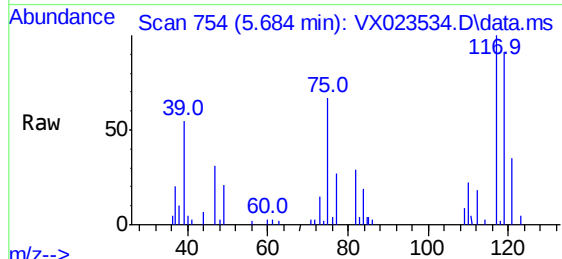
#33
Carbon Tetrachloride
Concen: 2.10 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion:117 Resp: 7657
Ion Ratio Lower Upper
117 100
119 89.0 75.4 113.2
121 34.6 24.1 36.1

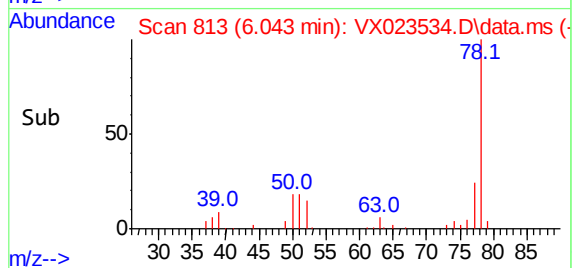
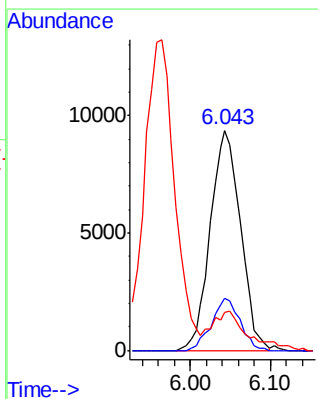
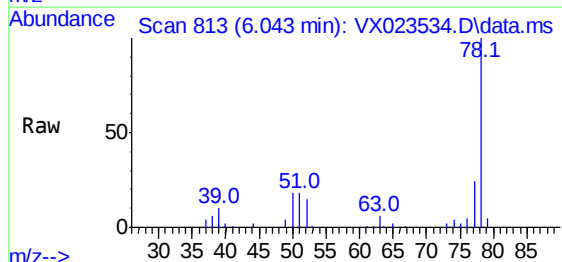
Manual Integrations
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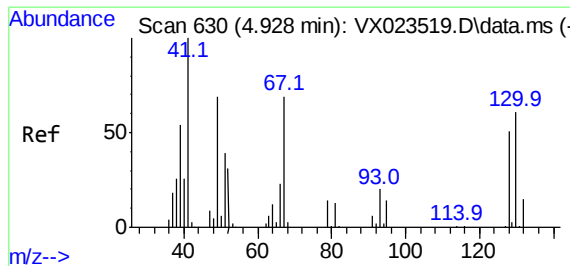
MMDadoda
8/6/2021 11:09:15 AM



#34
Benzene
Concen: 2.34 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 78 Resp: 24495
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 13.3 12.2 18.4





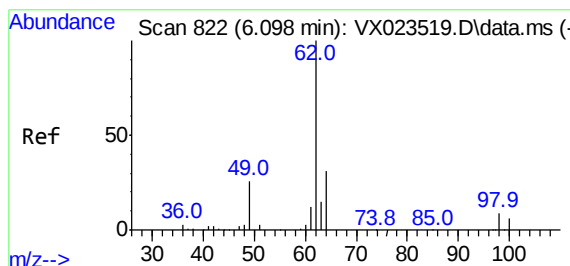
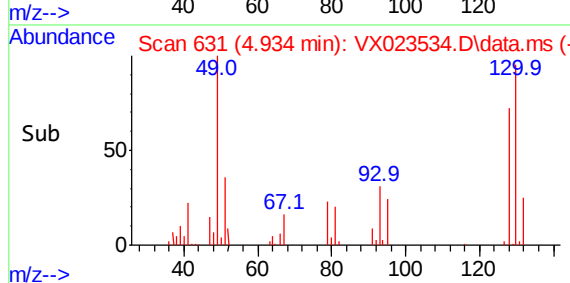
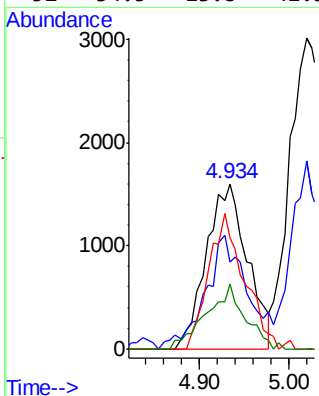
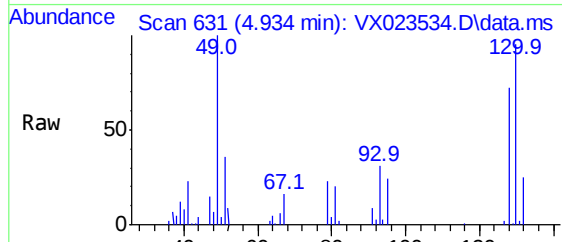
#35
Methacrylonitrile
Concen: 2.19 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 41 Resp: 5120
Ion Ratio Lower Upper
41 100
39 44.7 27.4 82.2
67 66.8 34.6 103.9
52 34.5 13.8 41.3

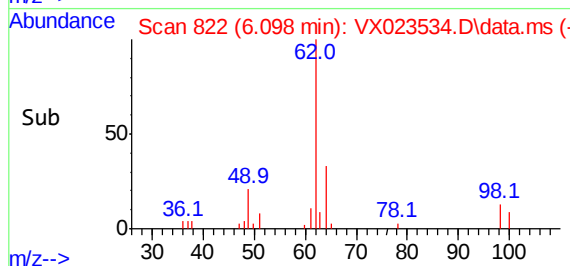
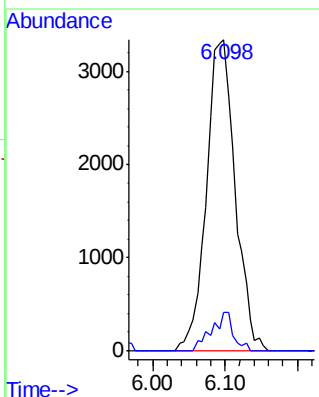
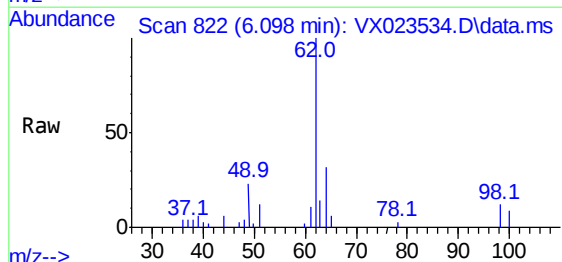
Manual Integrations
APPROVED

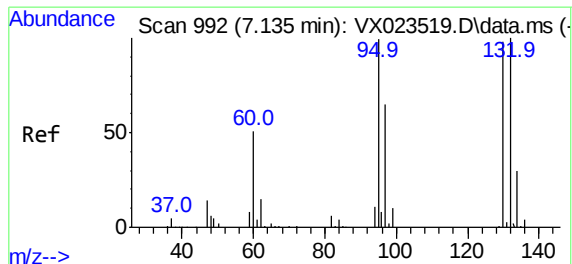
MMDadoda
8/6/2021 11:09:15 AM



#36
1,2-Dichloroethane
Concen: 2.29 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 62 Resp: 9143
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.4





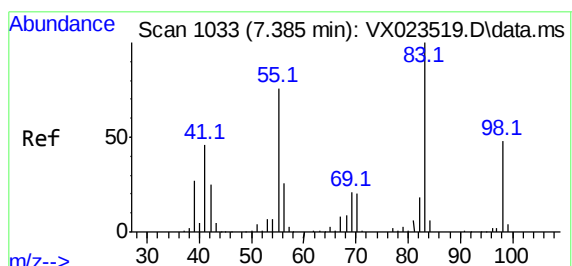
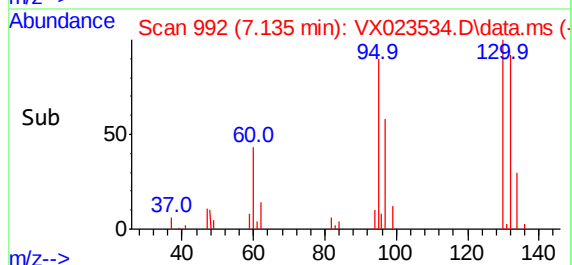
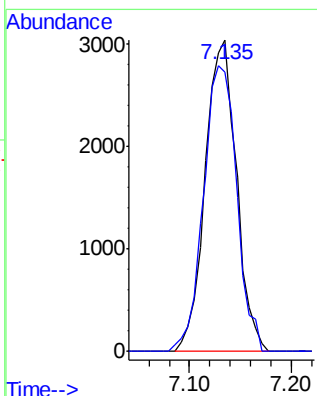
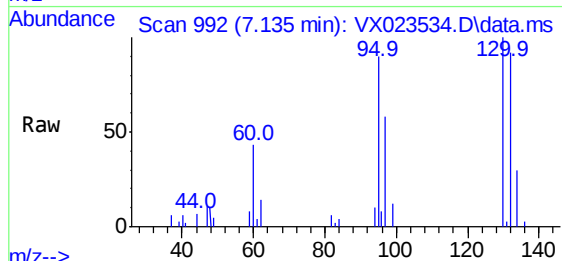
#37
Trichloroethene
Concen: 2.27 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion:130 Resp: 6456
Ion Ratio Lower Upper
130 100
95 89.5 77.0 115.4

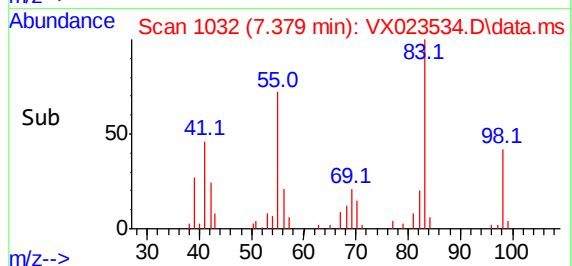
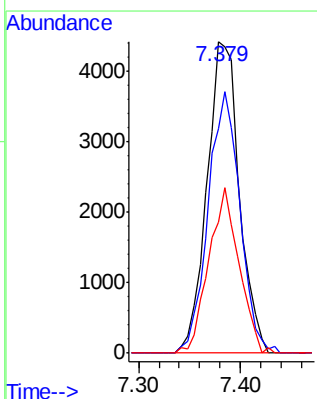
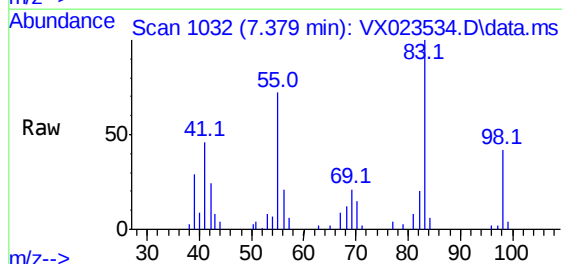
Manual Integrations
APPROVED

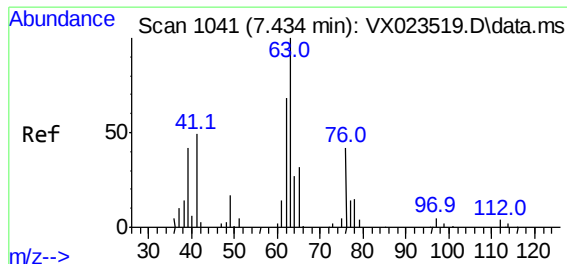
MMDadoda
8/6/2021 11:09:15 AM



#38
Methylcyclohexane
Concen: 2.19 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 83 Resp: 9675
Ion Ratio Lower Upper
83 100
55 82.9 37.8 113.4
98 49.5 23.4 70.3





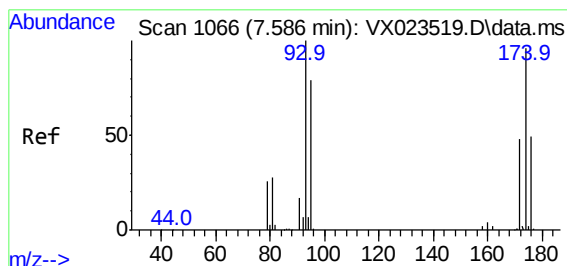
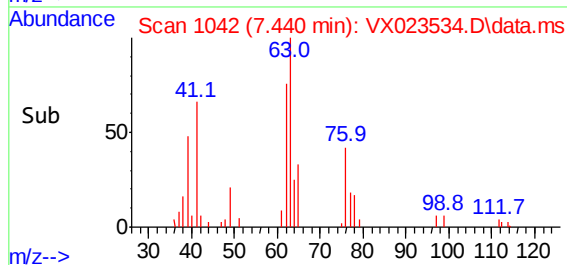
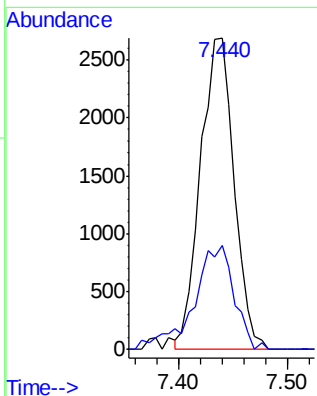
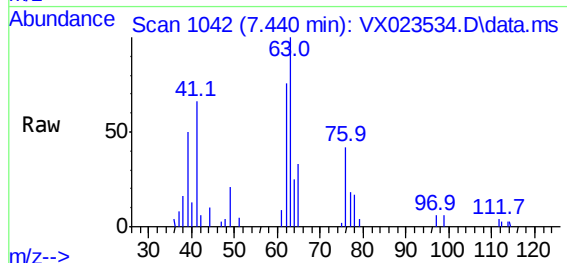
#39
1,2-Dichloropropane
Concen: 2.10 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 63 Resp: 5749
Ion Ratio Lower Upper
63 100
65 33.2 23.4 35.0

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

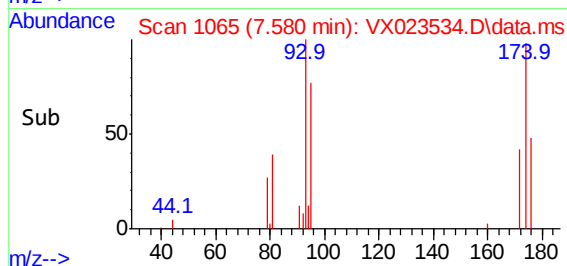
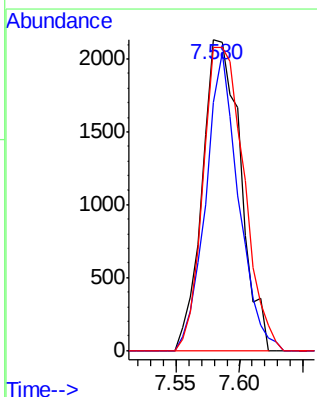
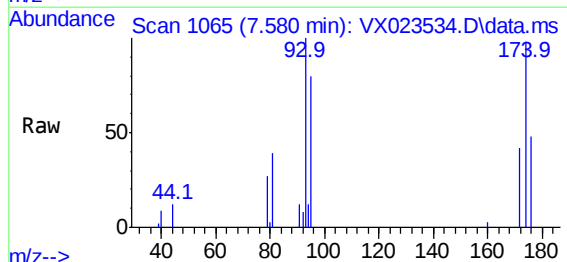
Manual Integrations
APPROVED

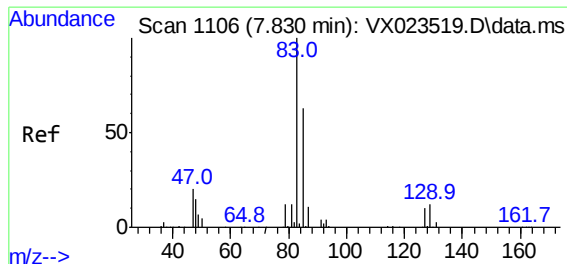
MMDadoda
8/6/2021 11:09:15 AM



#40
Dibromomethane
Concen: 2.24 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 93 Resp: 4346
Ion Ratio Lower Upper
93 100
95 82.4 0.0 168.4
174 104.6 0.0 206.6





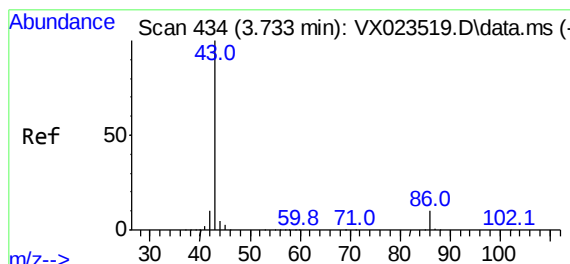
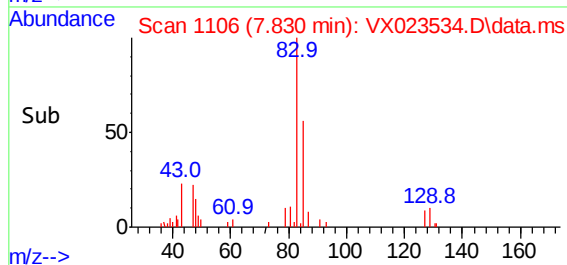
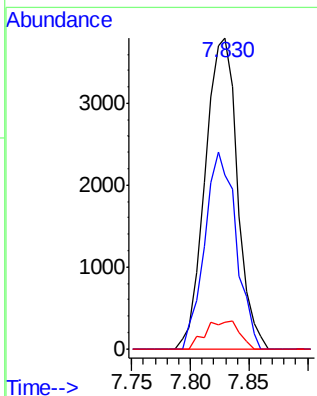
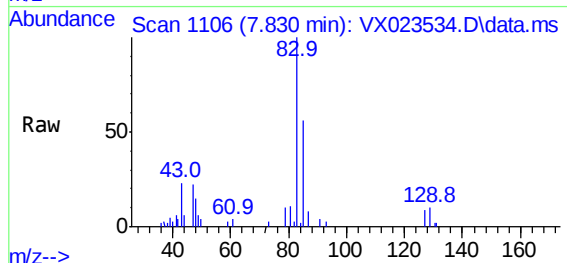
#41
Bromodichloromethane
Concen: 2.07 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 83 Resp: 7286
Ion Ratio Lower Upper
83 100
85 56.0 51.7 77.5
127 8.5 7.4 11.0

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

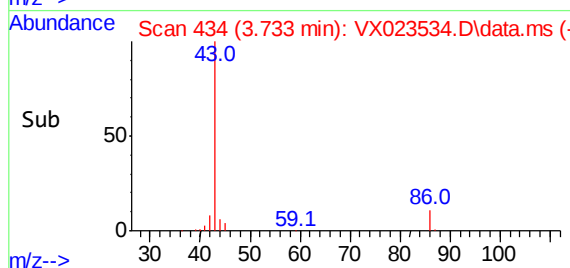
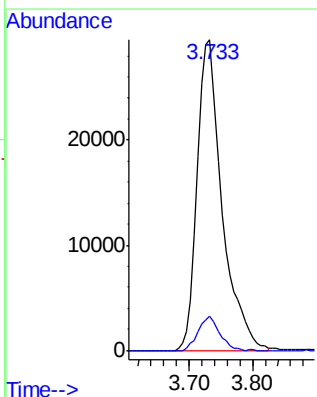
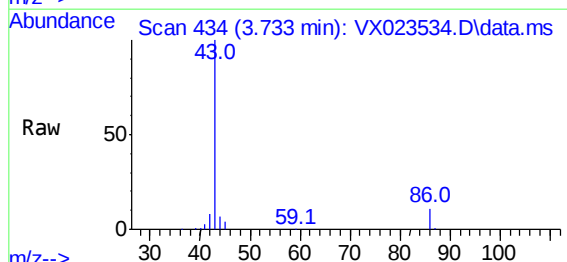
Manual Integrations
APPROVED

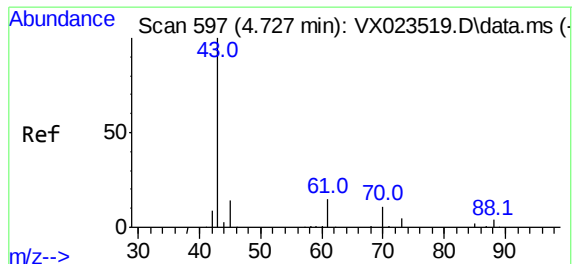
MMDadoda
8/6/2021 11:09:15 AM



#42
Vinyl Acetate
Concen: 10.40 ug/l
RT: 3.733 min Scan# 434
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 43 Resp: 78700
Ion Ratio Lower Upper
43 100
86 9.3 7.2 10.8





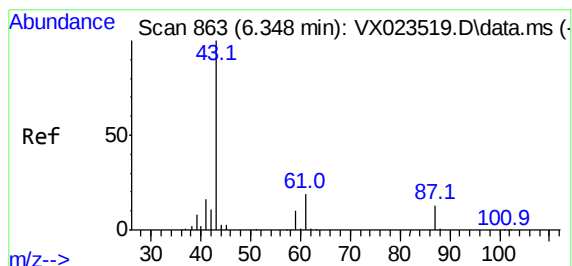
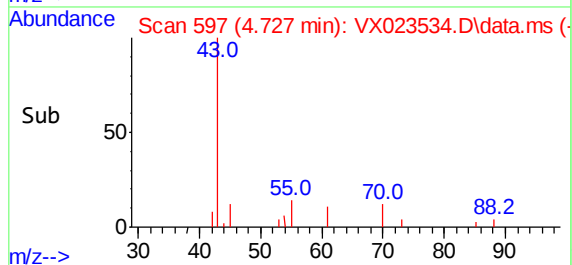
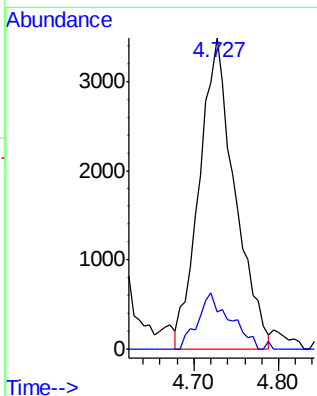
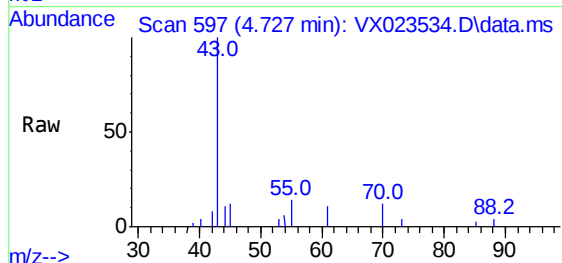
#43
Ethyl Acetate
Concen: 2.30 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 43 Resp: 9907
Ion Ratio Lower Upper
43 100
45 13.4 12.1 18.1

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

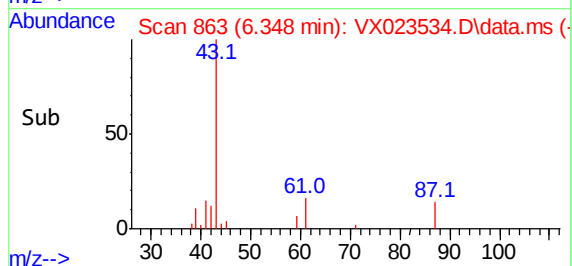
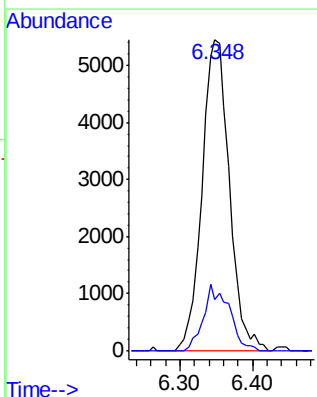
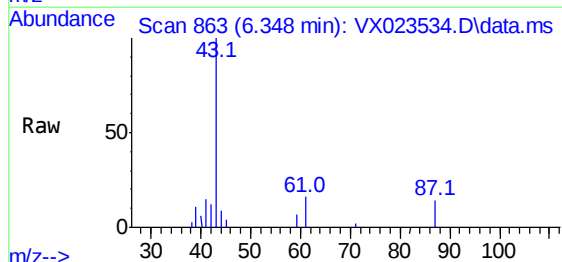
Manual Integrations
APPROVED

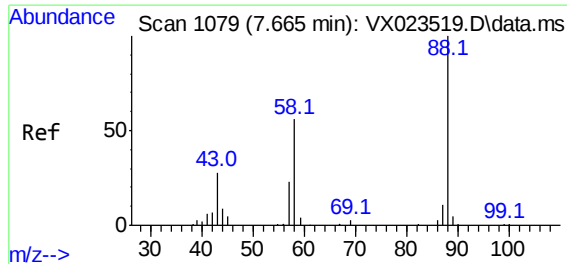
MMDadoda
8/6/2021 11:09:15 AM



#44
Isopropyl Acetate
Concen: 2.06 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 43 Resp: 14162
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.2





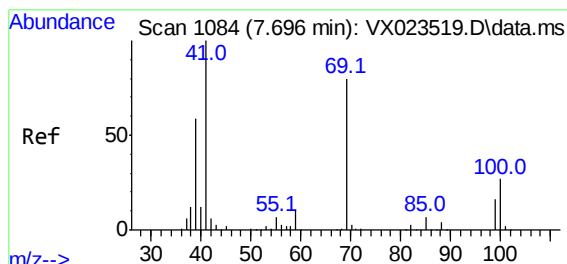
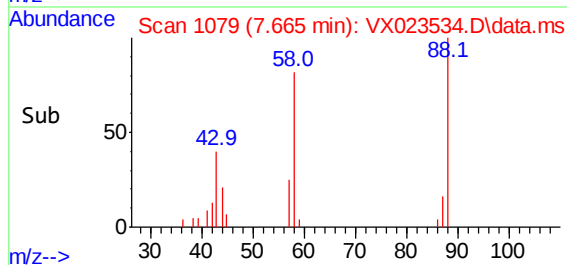
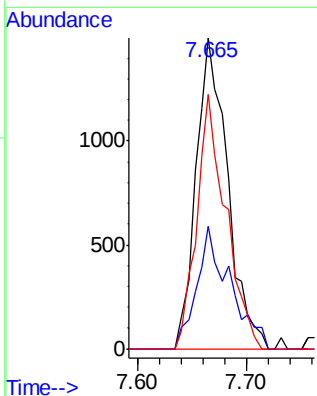
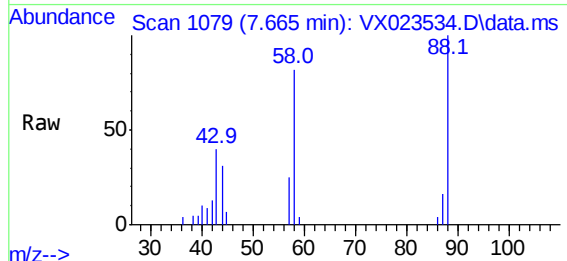
#45
1,4-Dioxane
Concen: 42.15 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 88 Resp: 3001
Ion Ratio Lower Upper
88 100
43 27.4 25.3 37.9
58 75.5 53.1 79.7

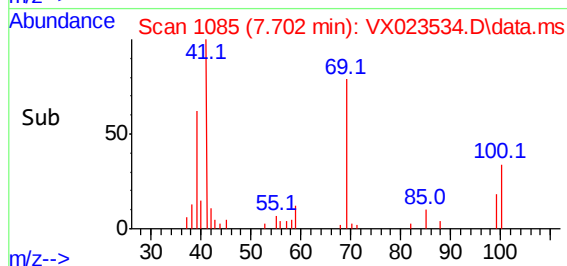
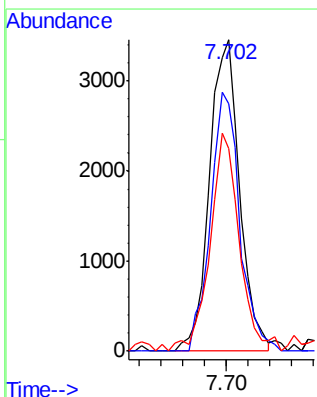
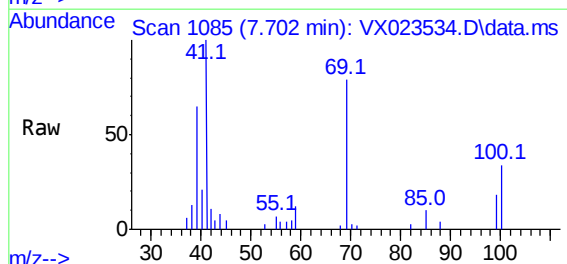
Manual Integrations
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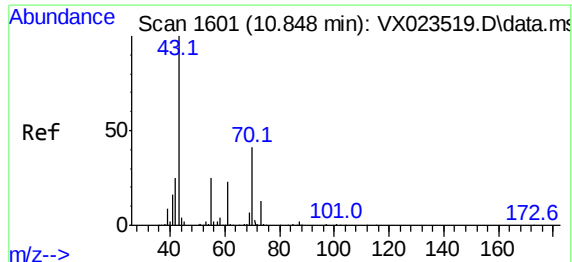
MMDadoda
8/6/2021 11:09:15 AM



#46
Methyl methacrylate
Concen: 2.00 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 41 Resp: 6615
Ion Ratio Lower Upper
41 100
69 79.5 39.5 118.5
39 62.8 29.0 87.1





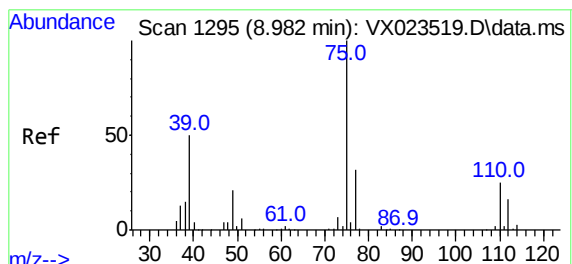
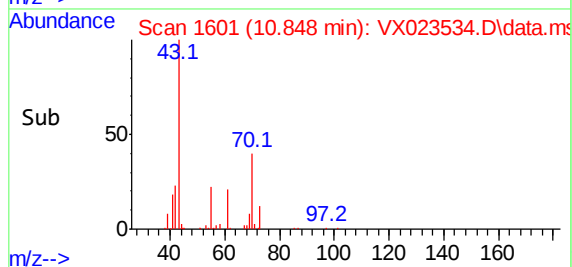
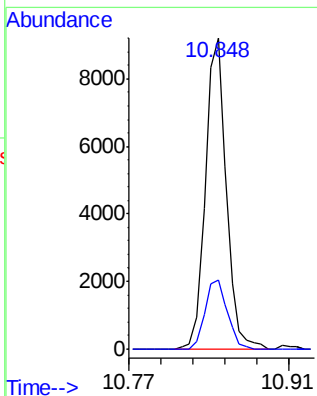
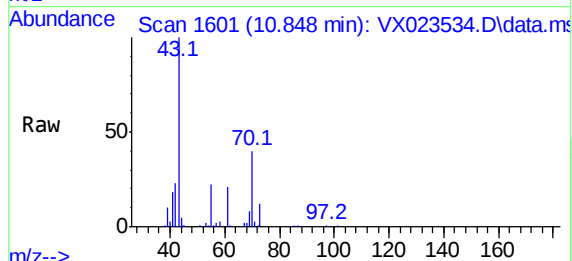
#47
n-amy1 Acetate
Concen: 1.96 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 43 Resp: 11445
Ion Ratio Lower Upper
43 100
55 23.6 18.9 28.3

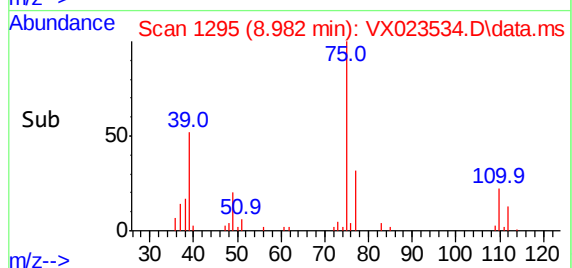
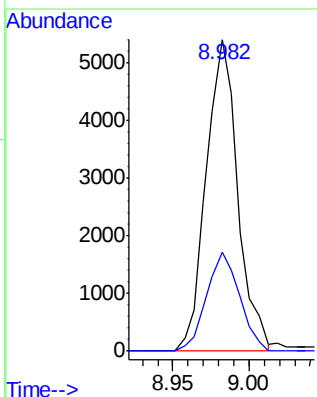
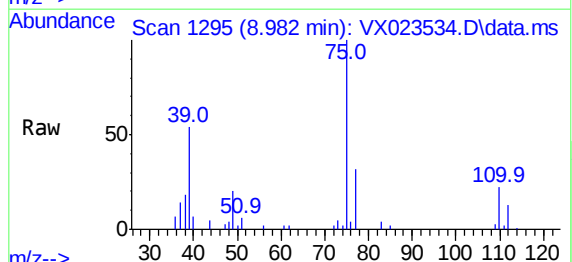
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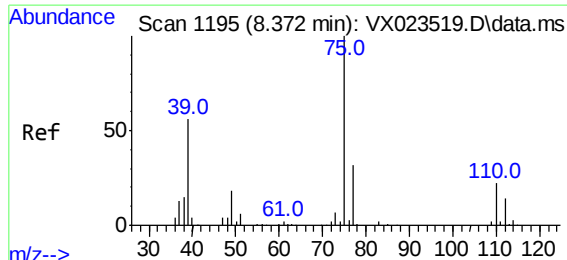
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 1.89 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 75 Resp: 7752
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8





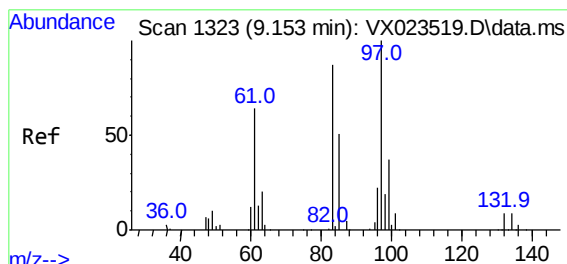
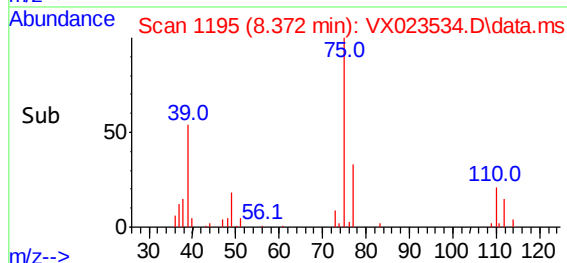
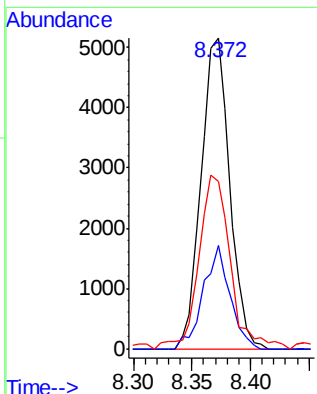
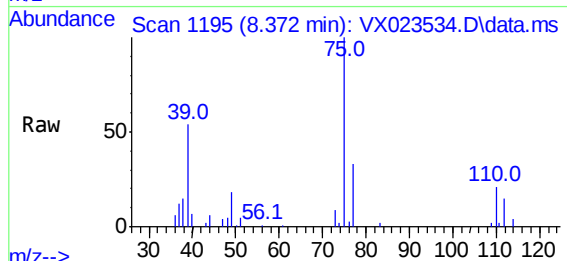
#49
cis-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 75 Resp: 8769
Ion Ratio Lower Upper
75 100
77 33.4 23.6 35.4
39 52.0 44.0 66.0

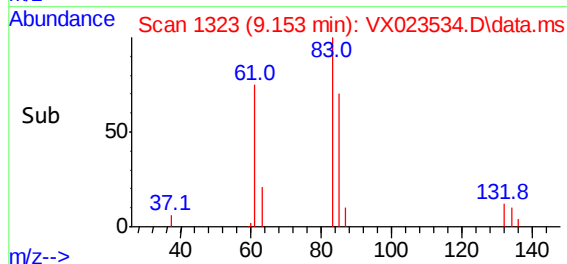
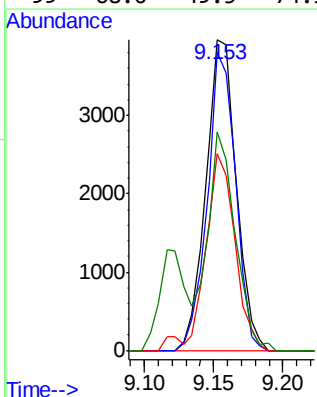
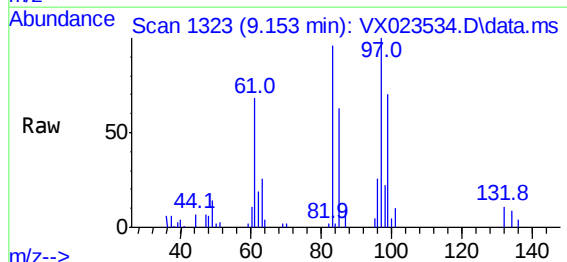
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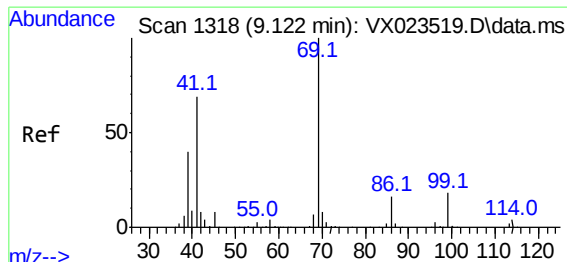
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#50
1,1,2-Trichloroethane
Concen: 2.17 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 97 Resp: 6071
Ion Ratio Lower Upper
97 100
83 95.8 64.2 96.4
85 63.4 42.4 63.6
99 68.0 49.5 74.3





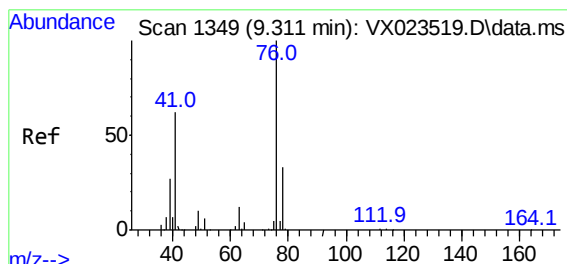
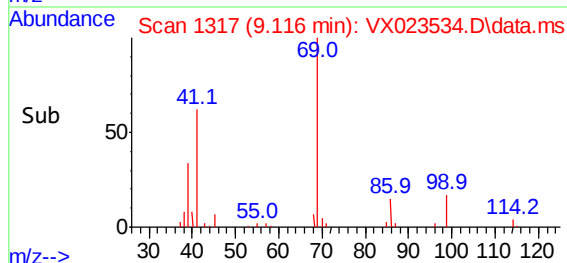
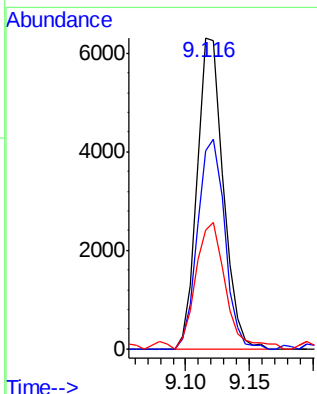
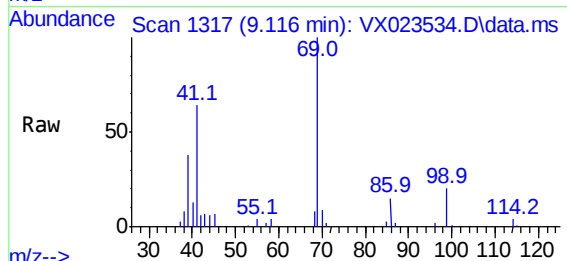
#51
Ethyl methacrylate
Concen: 2.00 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 69 Resp: 8816
Ion Ratio Lower Upper
69 100
41 63.7 35.8 107.3
39 38.1 20.3 60.8

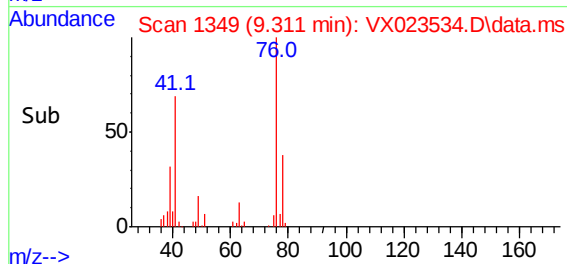
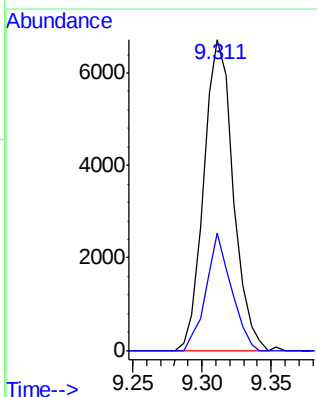
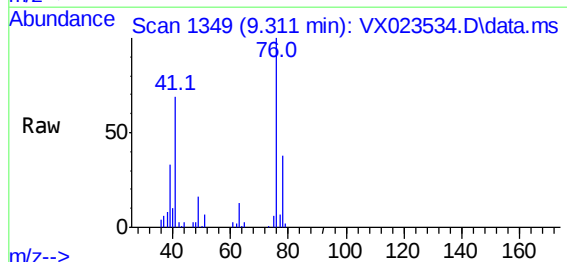
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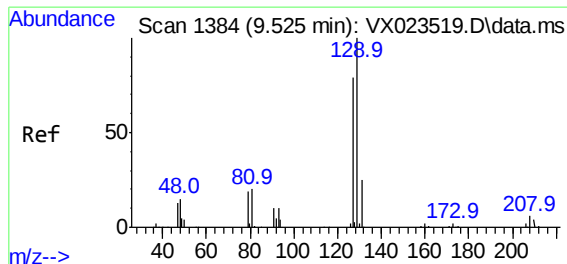
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#52
1,3-Dichloropropane
Concen: 2.16 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 76 Resp: 9932
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0





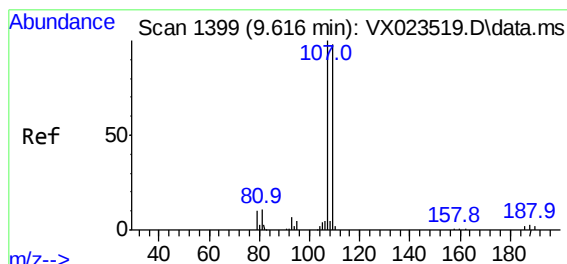
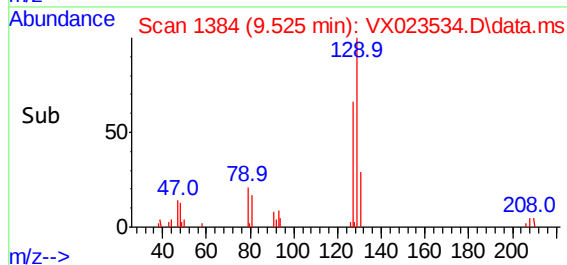
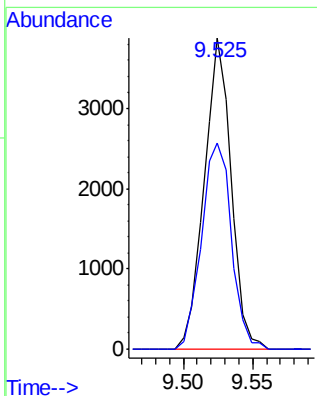
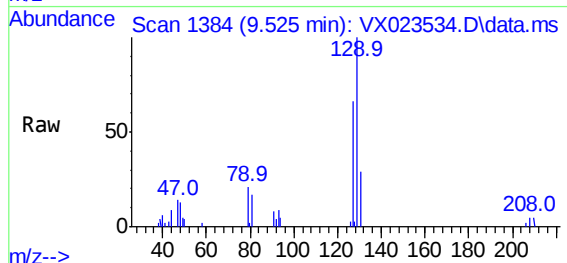
#53
 Dibromochloromethane
 Concen: 1.86 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

Tgt Ion:129 Resp: 5242
 Ion Ratio Lower Upper
 129 100
 127 73.5 39.3 117.9

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

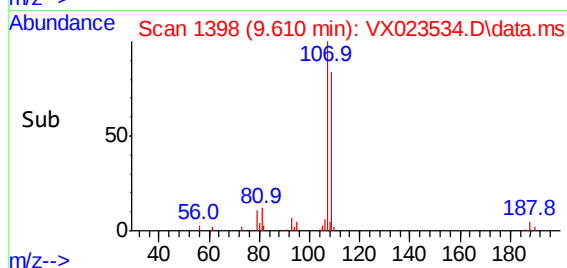
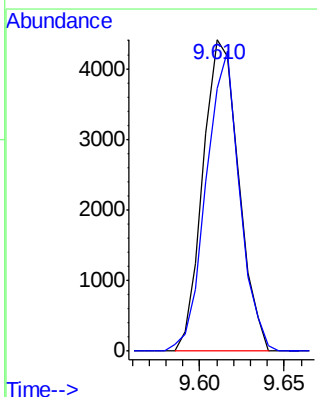
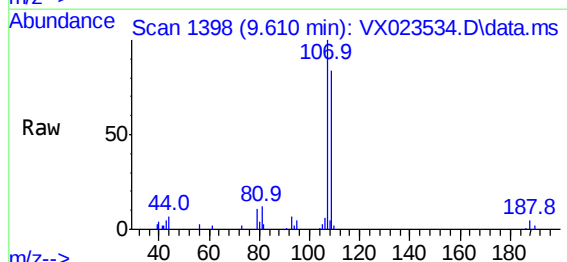
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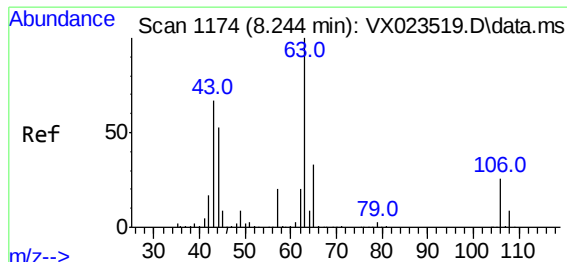
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#54
 1,2-Dibromoethane
 Concen: 2.14 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. -0.006 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

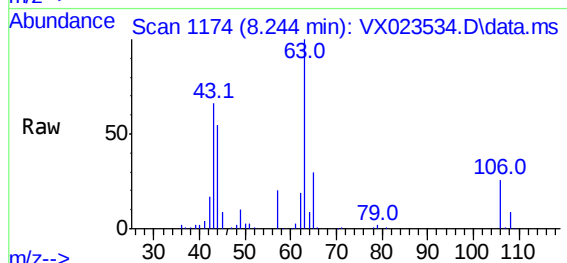
Tgt Ion:107 Resp: 6350
 Ion Ratio Lower Upper
 107 100
 109 90.1 75.3 112.9





#55
2-Chloroethyl vinyl ether
Concen: 10.77 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

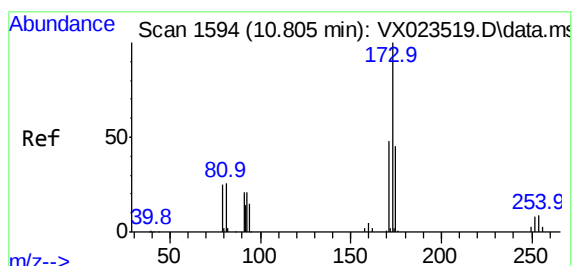
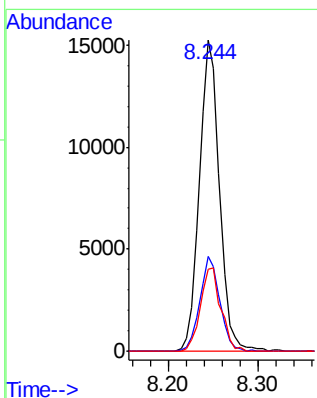
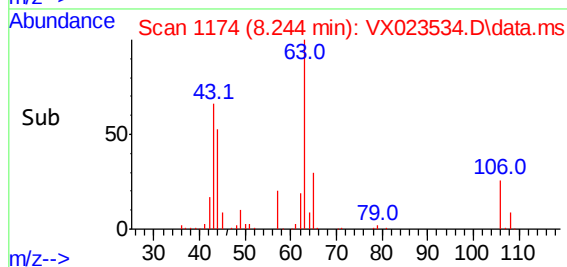


Tgt Ion: 63 Resp: 23756

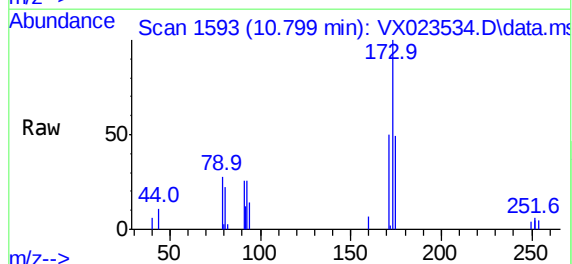
Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.8	38.6
106	27.0	21.8	32.8

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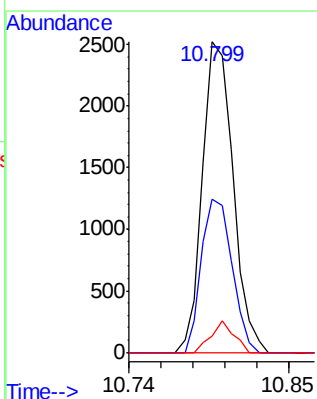
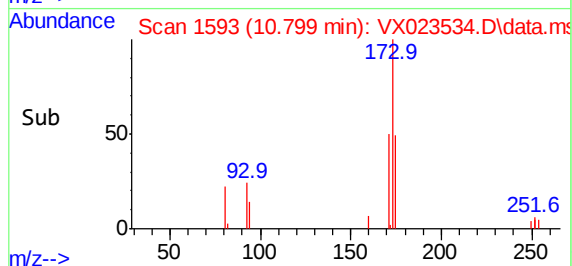


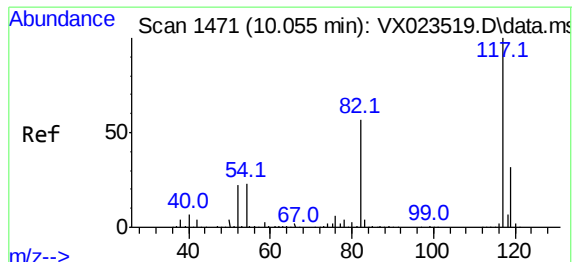
#56
Bromoform
Concen: 1.75 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion: 173 Resp: 3530

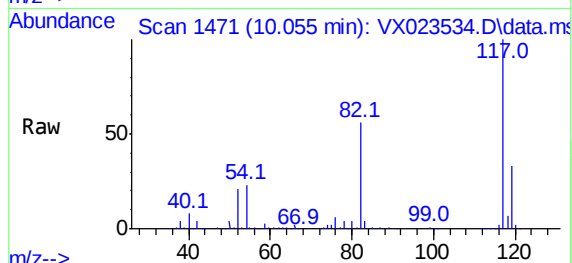
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.4	57.6
254	7.5	7.3	10.9





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

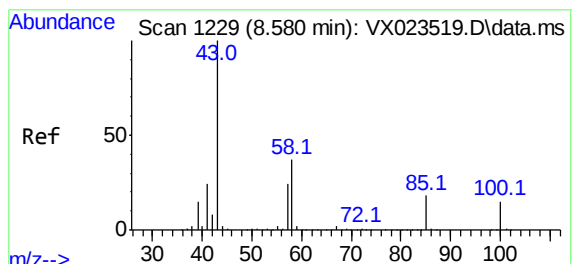
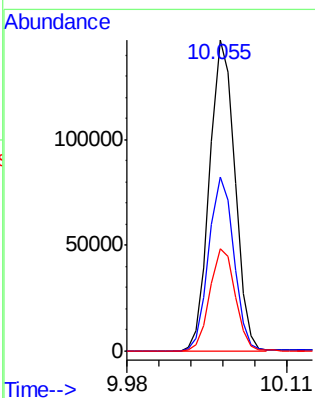
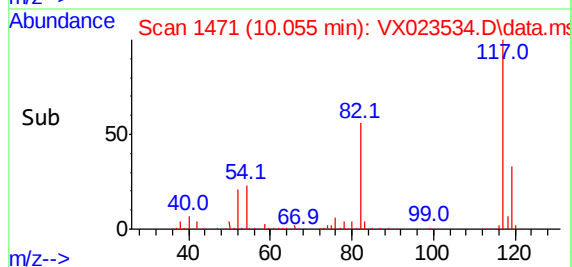
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



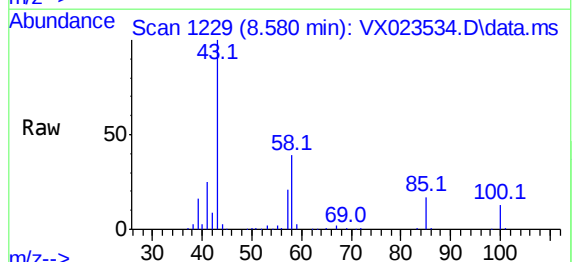
Tgt Ion:117 Resp: 199162
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.8 26.2 39.2

Manual Integrations
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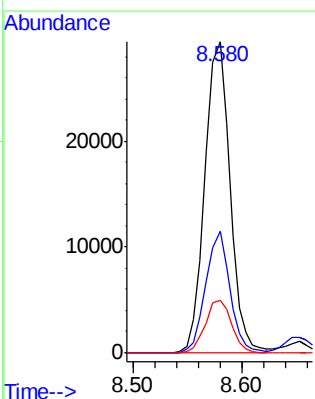
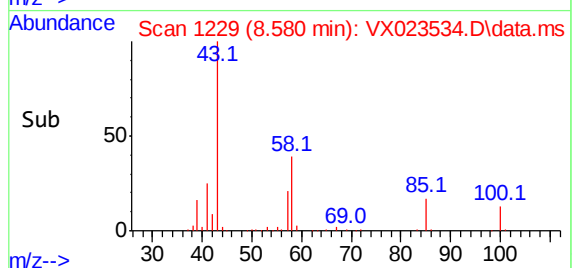
MMDadoda
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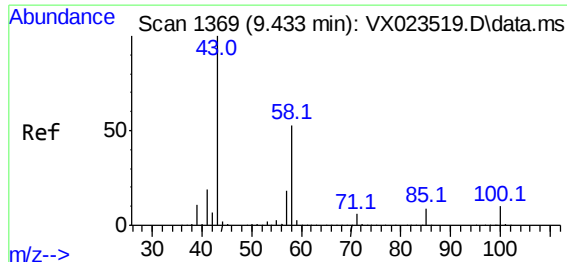


#58
4-Methyl-2-Pentanone
Concen: 10.96 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion: 43 Resp: 47045
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7
85 17.3 14.0 21.0





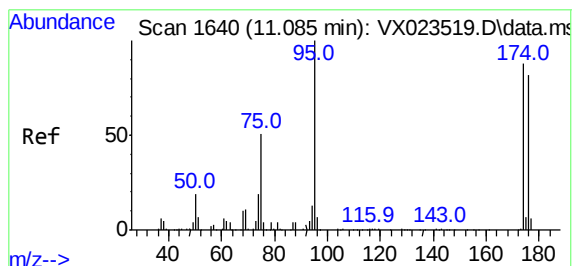
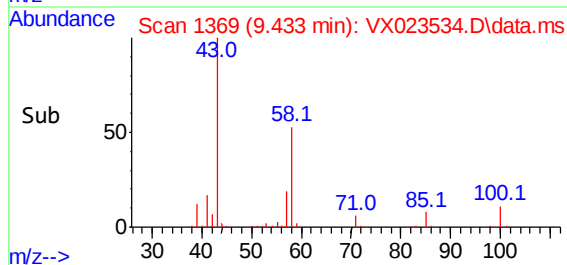
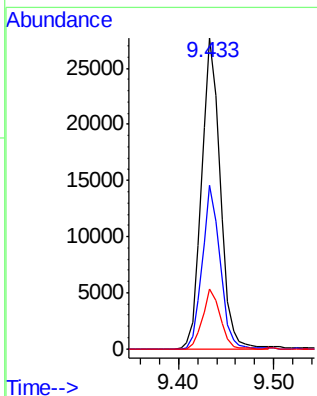
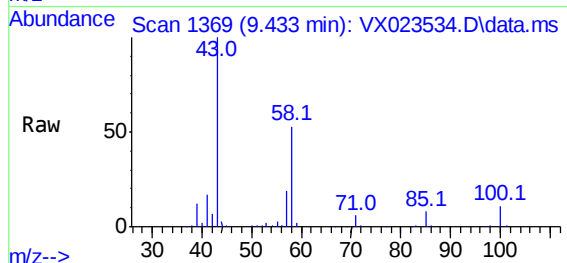
#59
2-Hexanone
Concen: 11.13 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion: 43 Resp: 37093
Ion Ratio Lower Upper
43 100
58 49.9 42.1 63.1
57 18.1 14.9 22.3

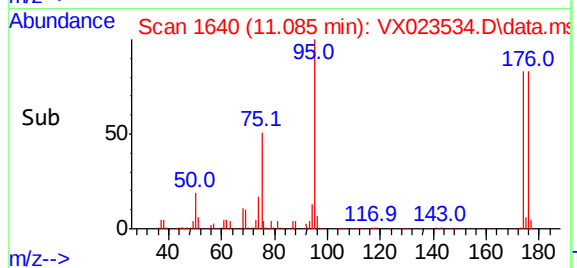
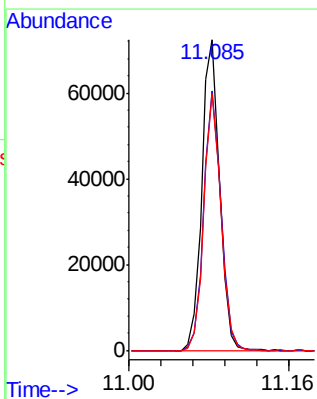
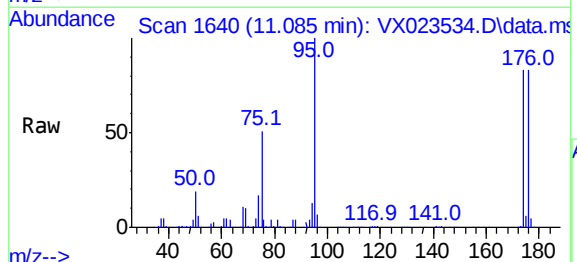
Manual Integrations
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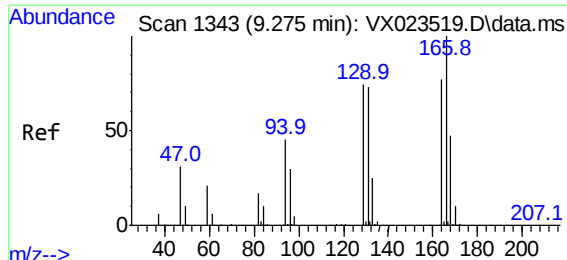
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 26.92 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

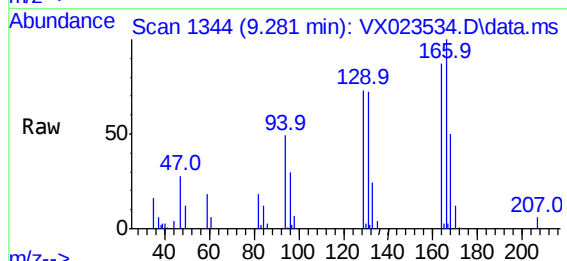
Tgt Ion: 95 Resp: 87829
Ion Ratio Lower Upper
95 100
174 81.4 63.5 95.3
176 79.9 63.0 94.4





#61
Tetrachloroethene
Concen: 2.46 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

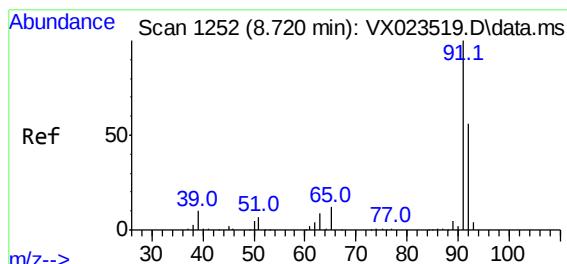
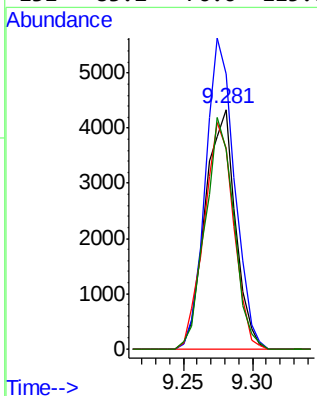
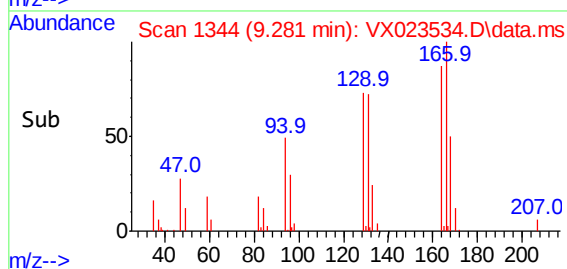
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



Tgt Ion:164 Resp: 6580
Ion Ratio Lower Upper
164 100
166 115.0 98.6 147.8
129 84.0 79.7 119.5
131 83.2 76.6 115.0

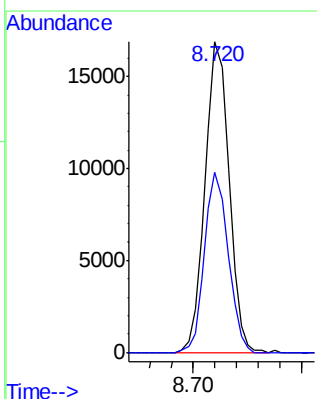
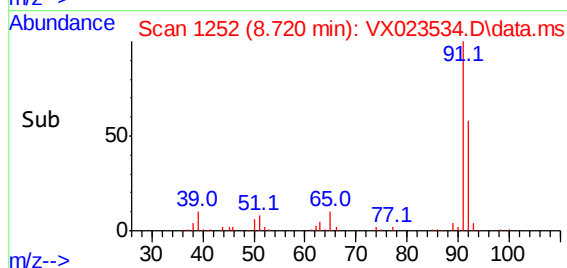
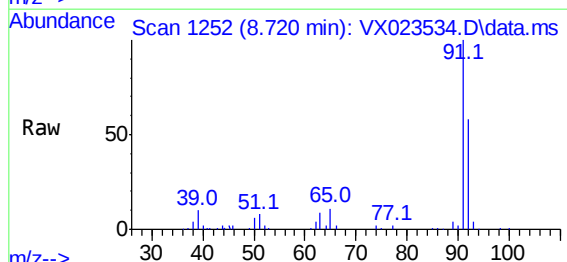
Manual Integrations
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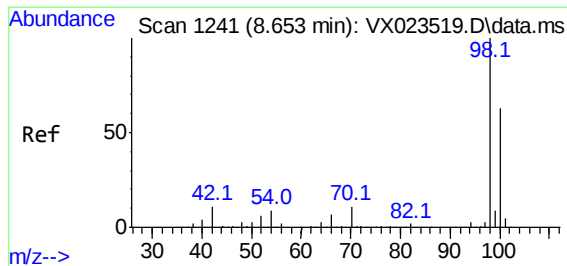
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#62
Toluene
Concen: 2.29 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 91 Resp: 25768
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7

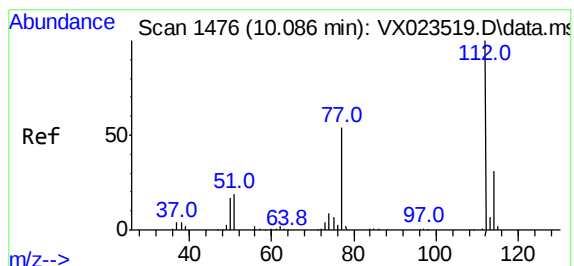
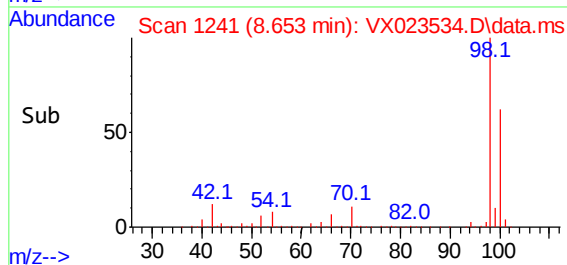
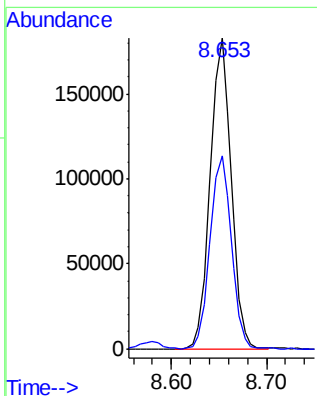
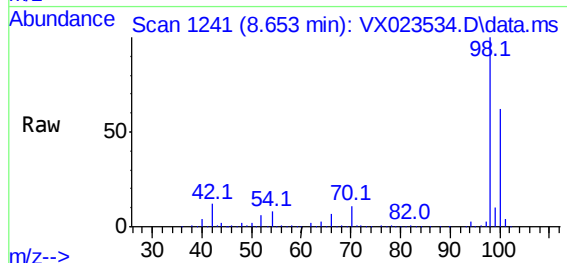




#63
Toluene-d8
Concen: 30.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

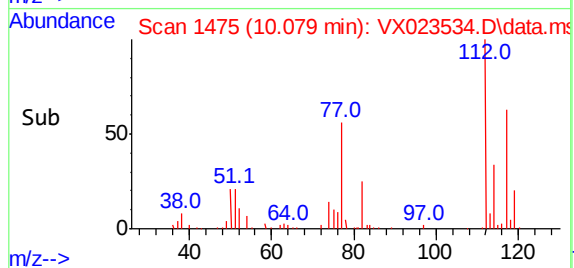
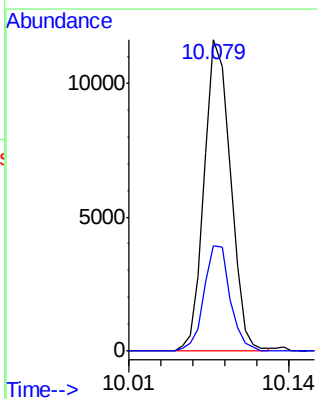
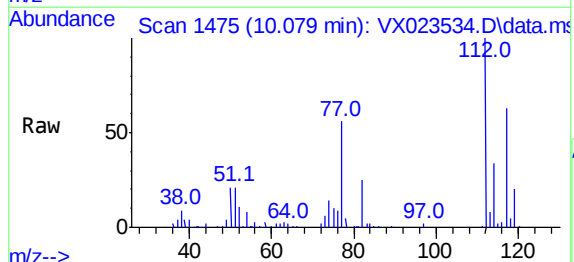
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL

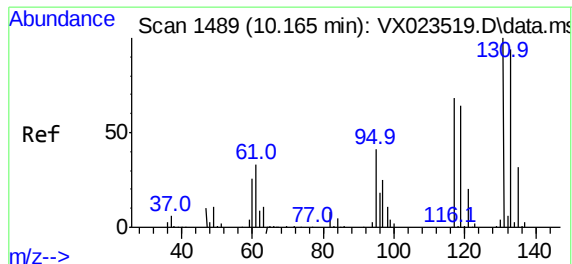
Tgt Ion: 98 Resp: 275591
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#64
Chlorobenzene
Concen: 2.29 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

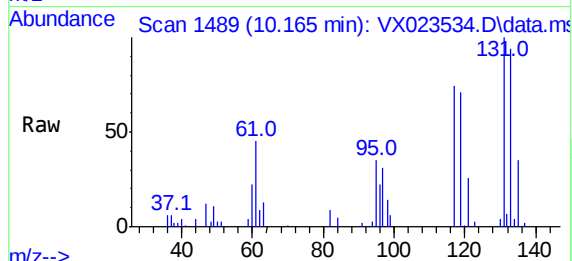
Tgt Ion: 112 Resp: 16252
Ion Ratio Lower Upper
112 100
114 33.8 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 2.04 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

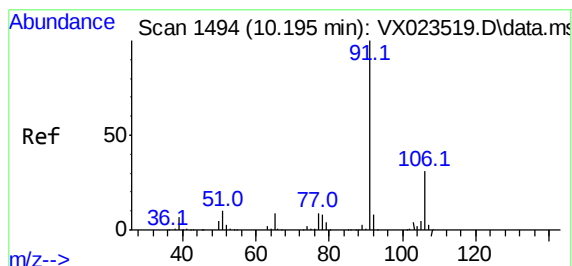
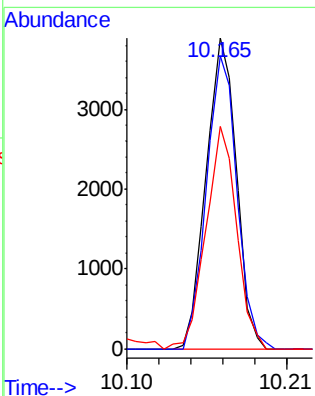
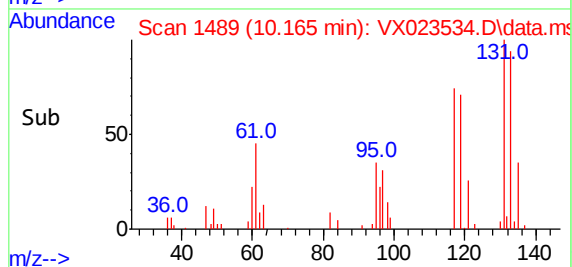
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



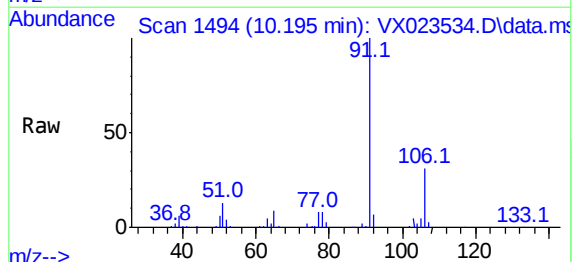
Tgt Ion:131 Resp: 5376
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 72.2 0.0 133.2

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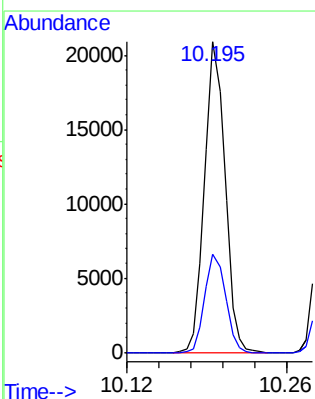
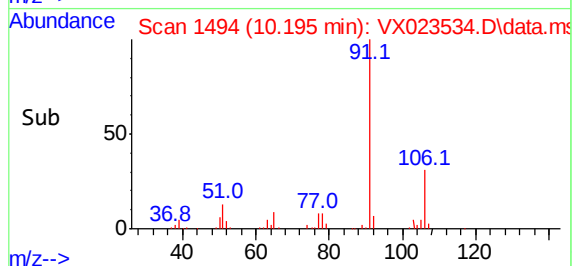
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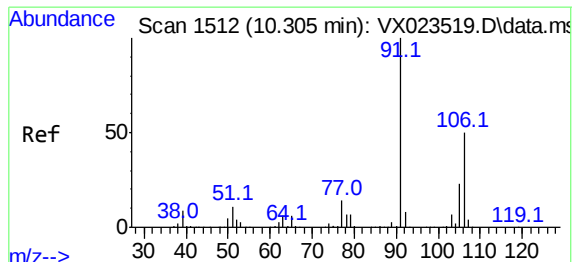


#66
Ethyl Benzene
Concen: 2.19 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion: 91 Resp: 27178
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1





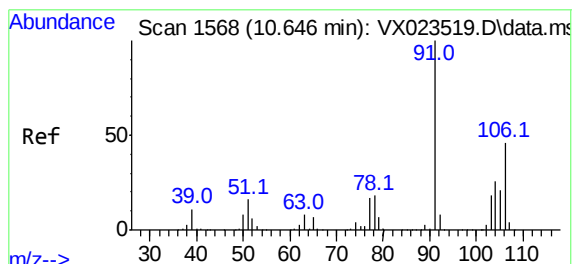
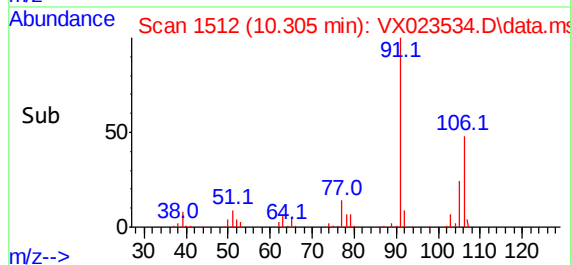
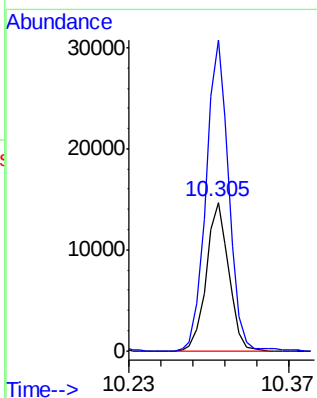
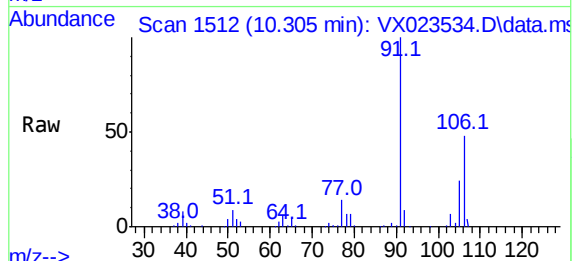
#67
m/p-Xylenes
Concen: 4.06 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:106 Resp: 19512
Ion Ratio Lower Upper
106 100
91 211.1 162.4 243.6

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

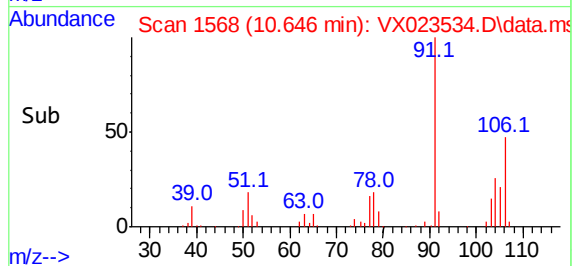
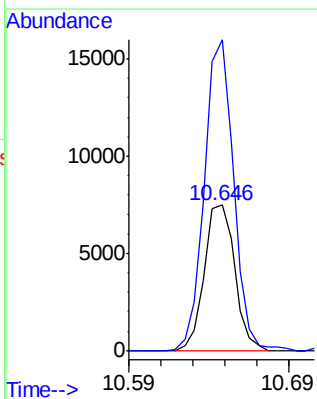
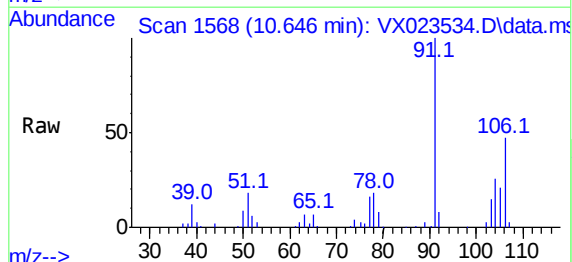
Manual Integrations
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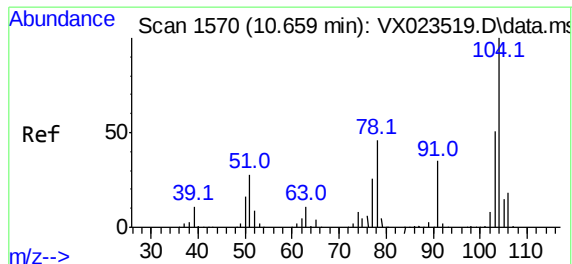
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#68
o-Xylene
Concen: 2.18 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:106 Resp: 10338
Ion Ratio Lower Upper
106 100
91 205.1 107.3 321.8





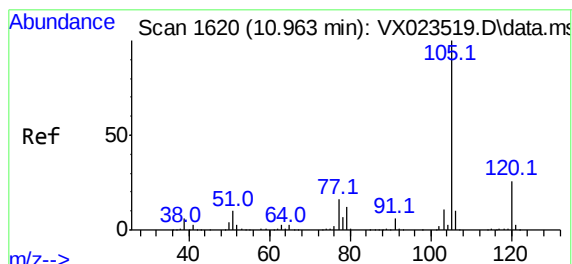
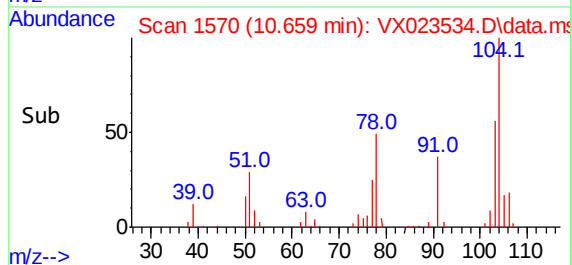
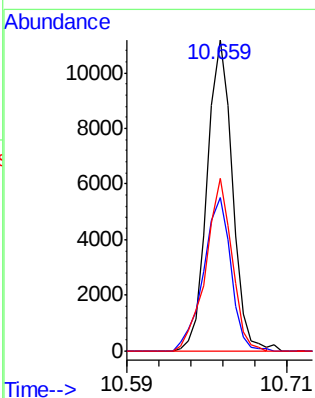
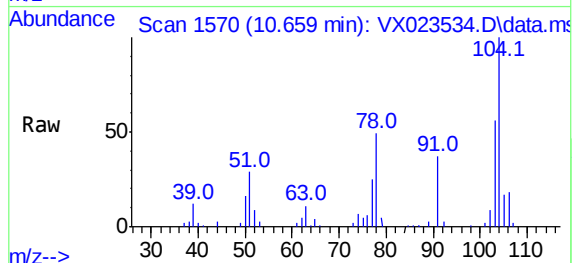
#69
Styrene
Concen: 1.91 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

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

Tgt Ion:104 Resp: 14917
Ion Ratio Lower Upper
104 100
78 53.6 41.4 62.0
103 57.7 44.2 66.4

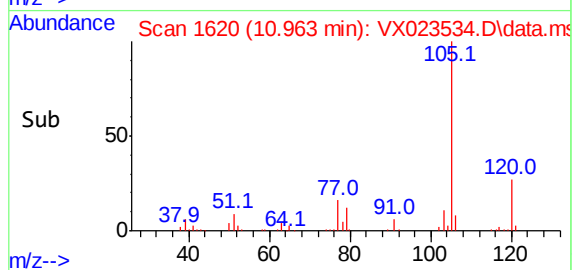
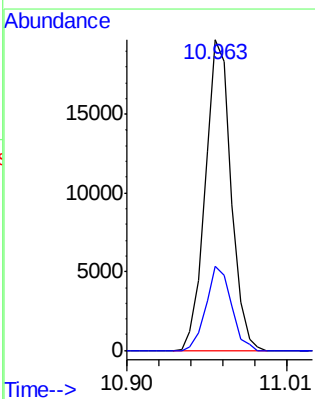
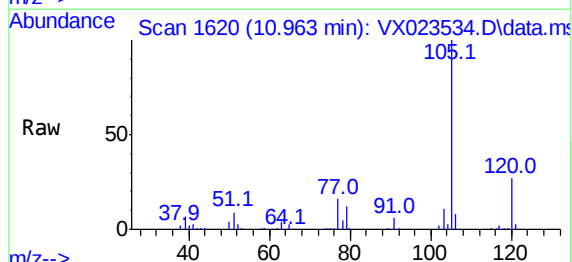
Manual Integrations
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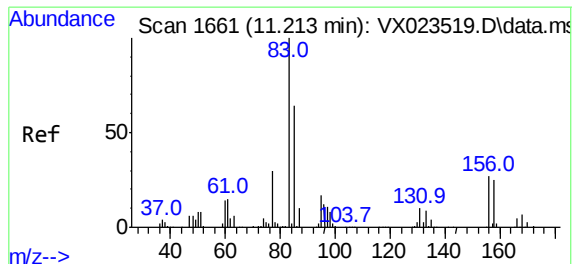
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#70
Isopropylbenzene
Concen: 2.04 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:105 Resp: 25485
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.21 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

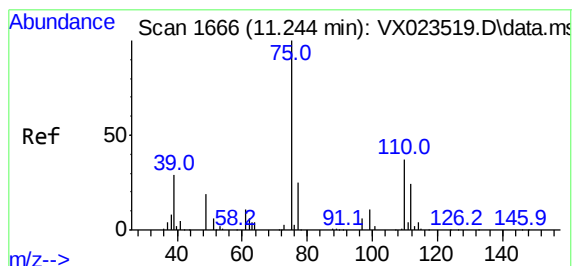
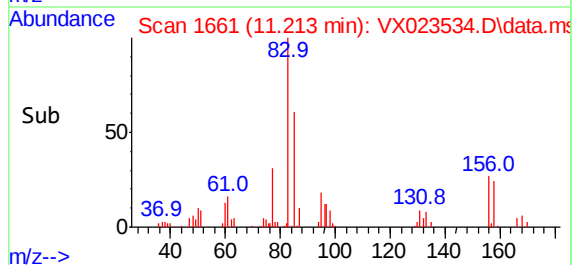
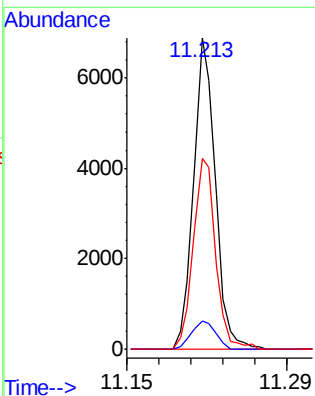
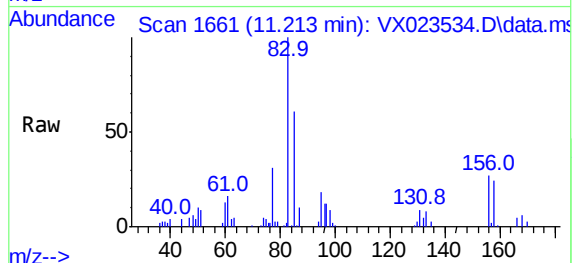
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

Tgt Ion: 83 Resp: 8825

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	62.8	32.4	97.2

Manual Integrations
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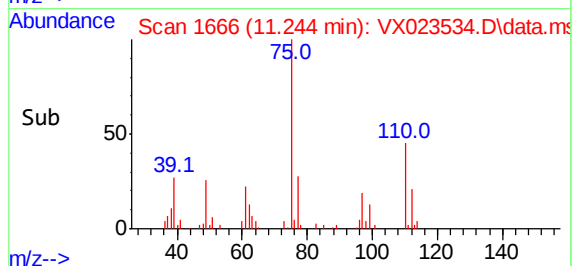
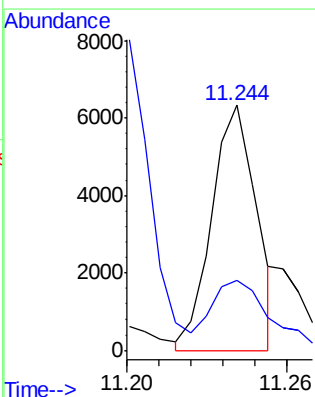
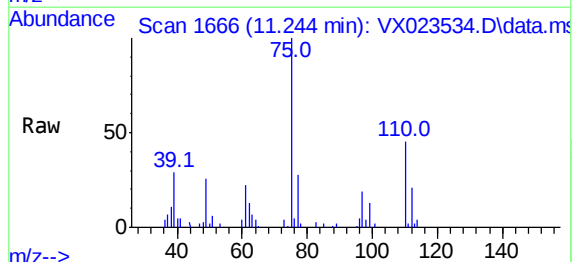
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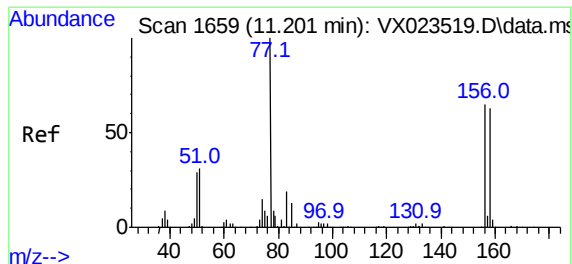


#72
 1,2,3-Trichloropropane
 Concen: 2.08 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

Tgt Ion: 75 Resp: 7810

Ion	Ratio	Lower	Upper
75	100		
77	37.9	0.0	77.4





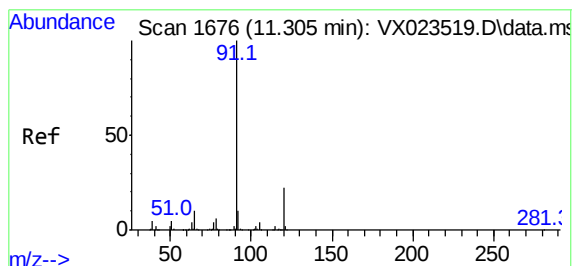
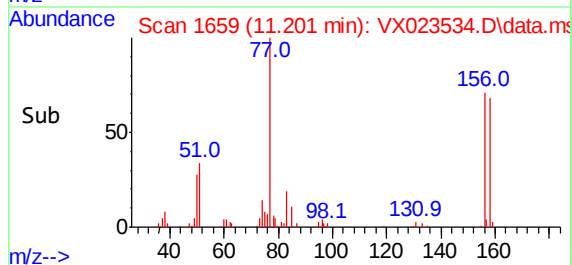
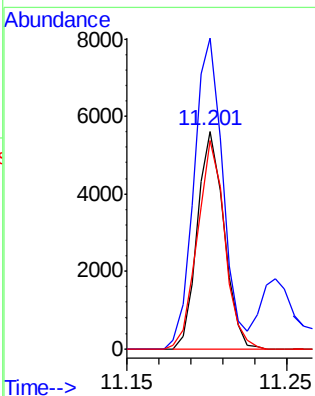
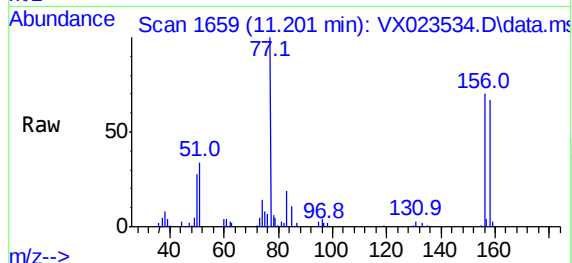
#73
Bromobenzene
Concen: 2.24 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion: 156 Resp: 6807
Ion Ratio Lower Upper
156 100
77 155.4 0.0 303.2
158 98.1 0.0 197.2

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

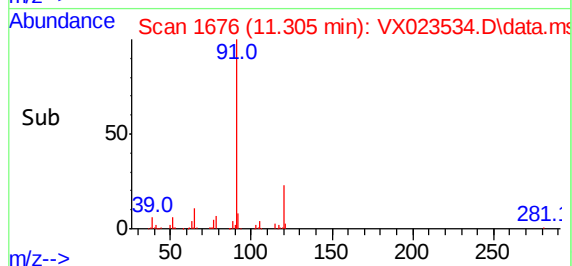
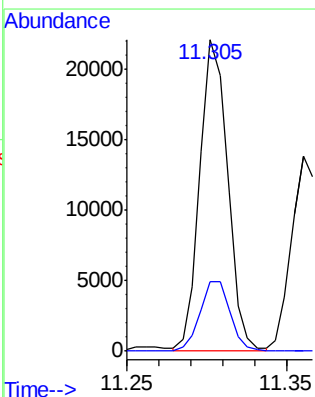
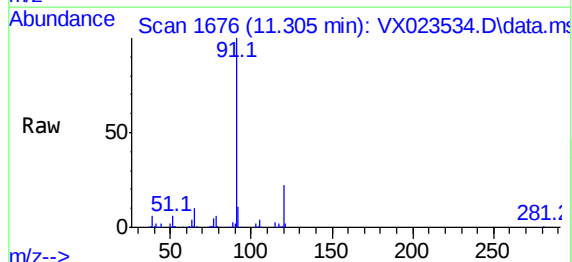
Manual Integrations
APPROVED

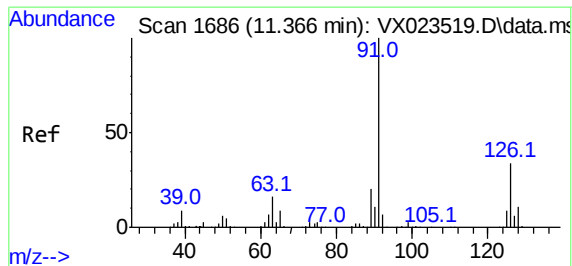
MMDadoda
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#74
n-propylbenzene
Concen: 1.95 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

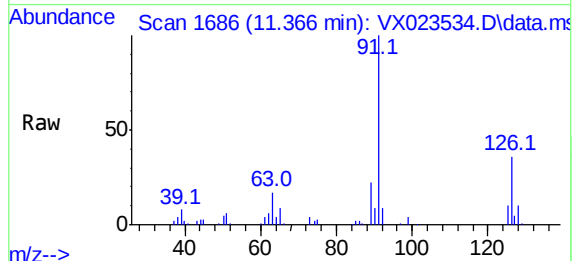
Tgt Ion: 91 Resp: 28105
Ion Ratio Lower Upper
91 100
120 23.8 0.0 46.0





#75
2-Chlorotoluene
Concen: 2.08 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

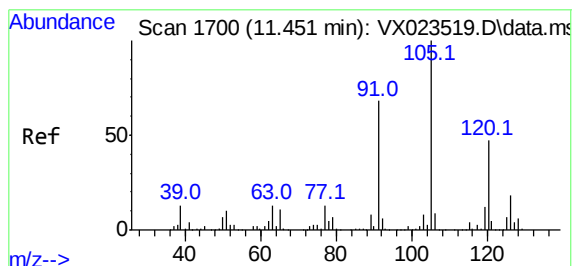
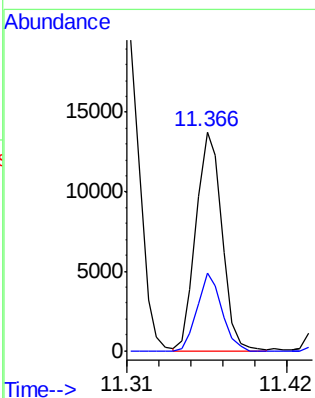
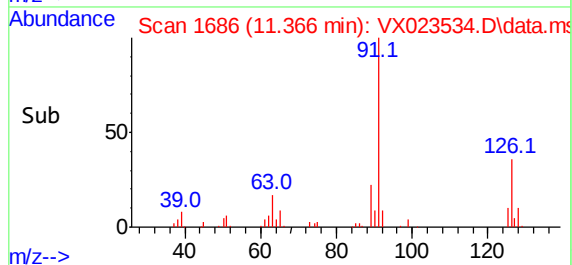
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



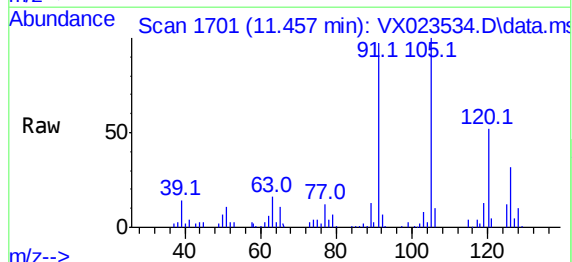
Tgt Ion: 91 Resp: 17959
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.0

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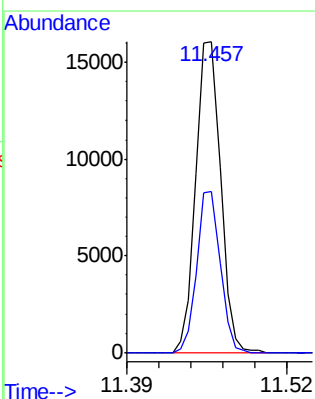
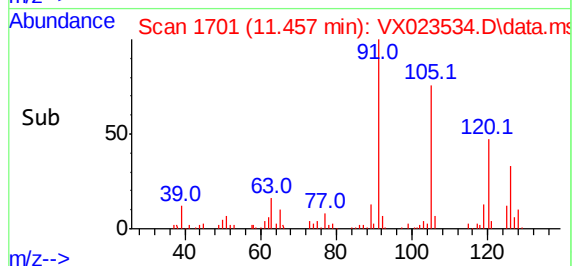
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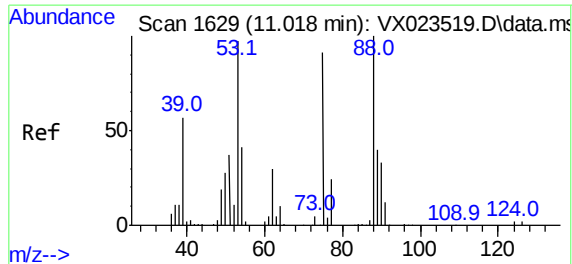


#76
1,3,5-Trimethylbenzene
Concen: 2.06 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion: 105 Resp: 21324
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.0





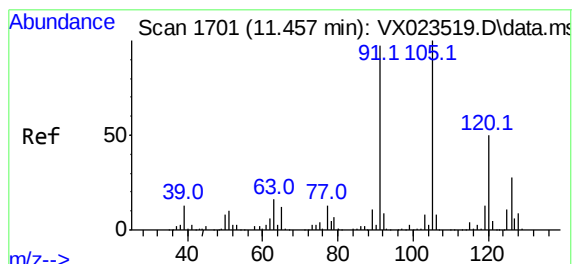
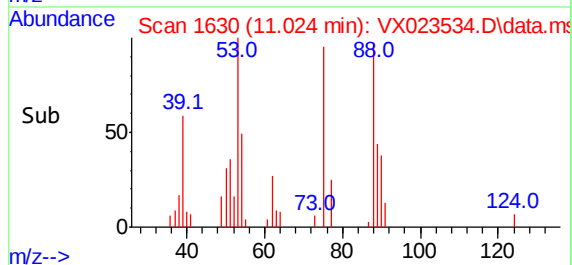
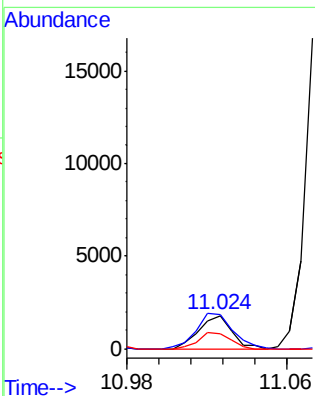
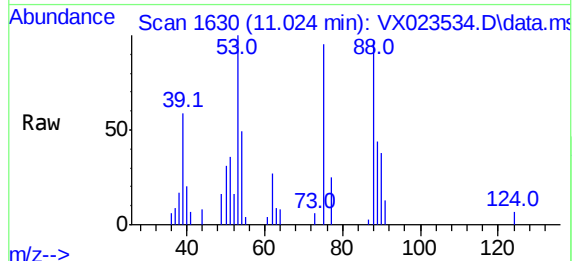
#77
t-1,4-Dichloro-2-butene
Concen: 1.56 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 75 Resp: 2088
Ion Ratio Lower Upper
75 100
53 102.4 53.9 161.7
89 46.0 22.9 68.7

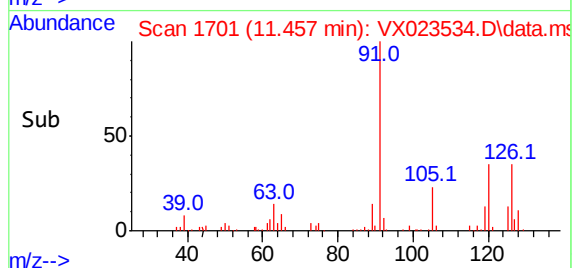
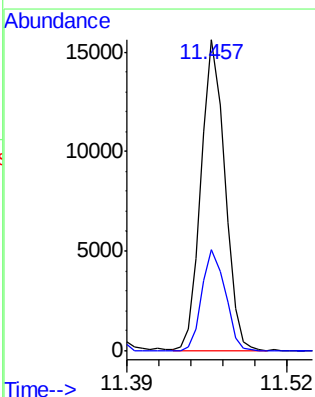
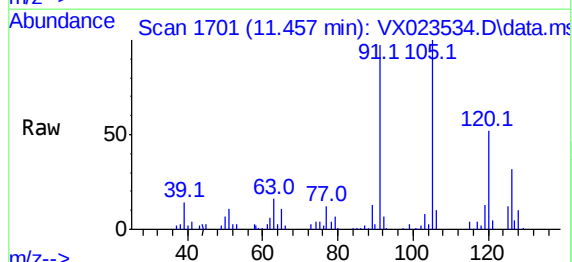
Manual Integrations
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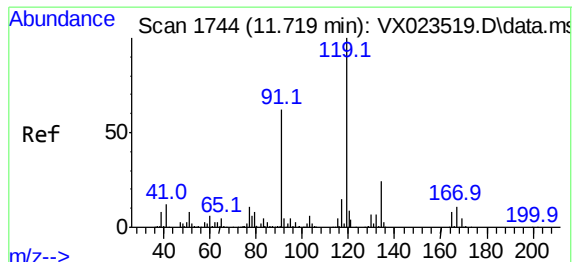
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#78
4-Chlorotoluene
Concen: 2.03 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

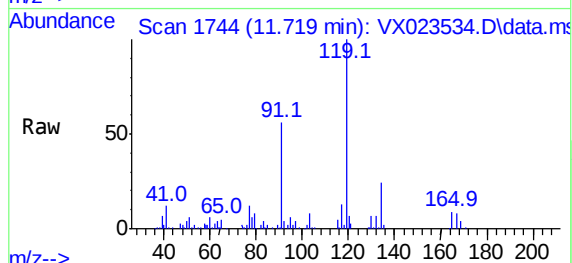
Tgt Ion: 91 Resp: 19743
Ion Ratio Lower Upper
91 100
126 31.6 0.0 59.6





#79
tert-butylbenzene
Concen: 2.06 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

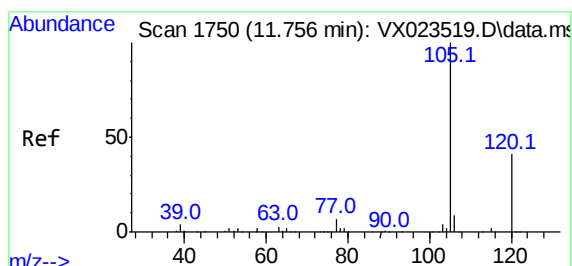
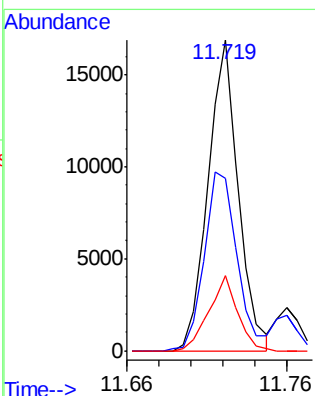
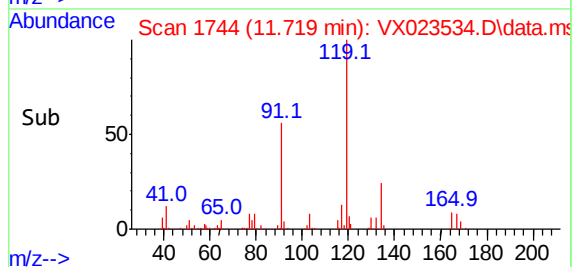
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



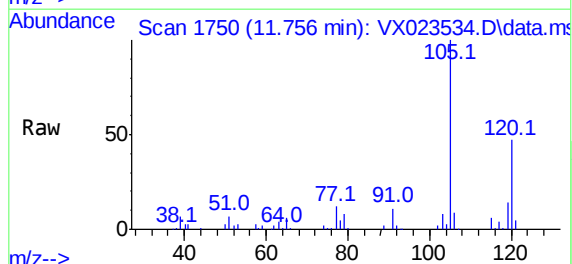
Tgt Ion:119 Resp: 20647
Ion Ratio Lower Upper
119 100
91 61.0 0.0 121.2
134 23.0 0.0 47.4

Manual Integrations
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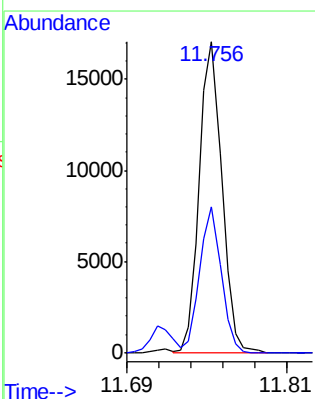
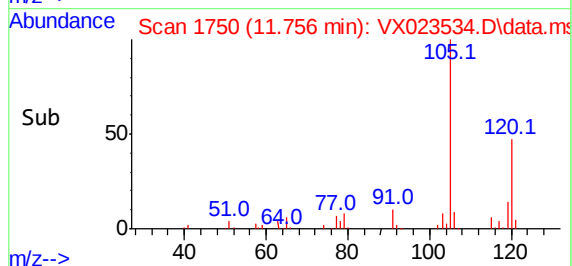
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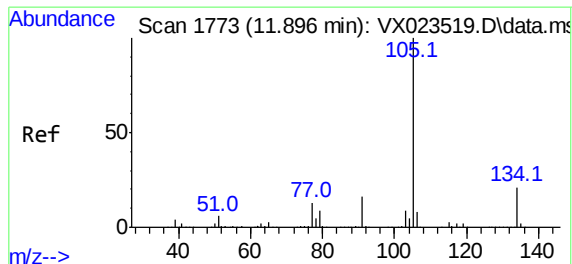


#80
1,2,4-Trimethylbenzene
Concen: 2.00 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



Tgt Ion:105 Resp: 20446
Ion Ratio Lower Upper
105 100
120 44.8 0.0 90.4





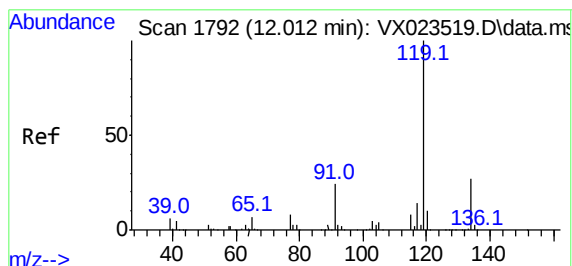
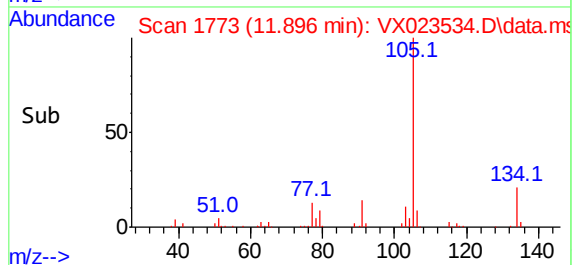
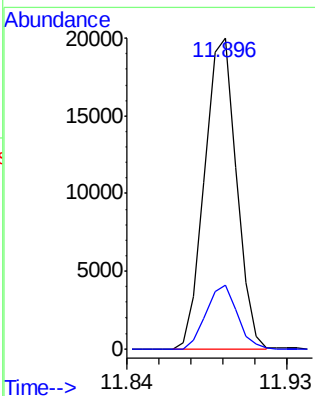
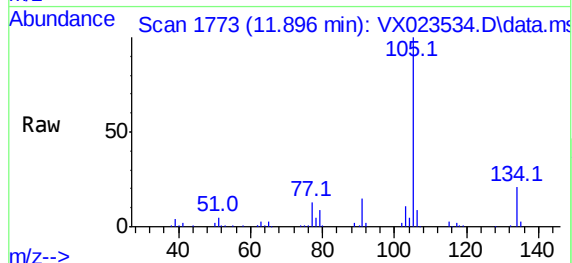
#81
 sec-Butylbenzene
 Concen: 2.00 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

Tgt Ion:105 Resp: 25727
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

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

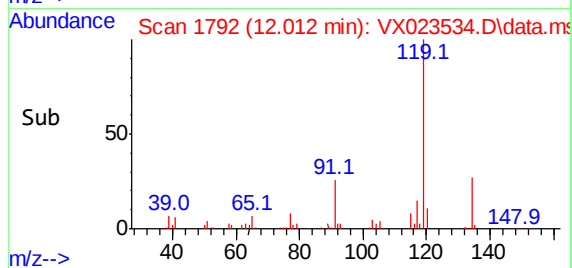
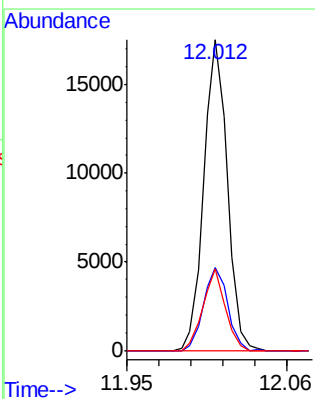
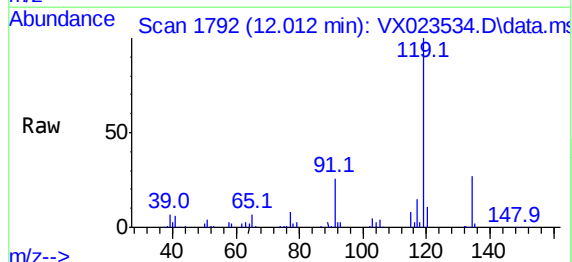
Manual Integrations
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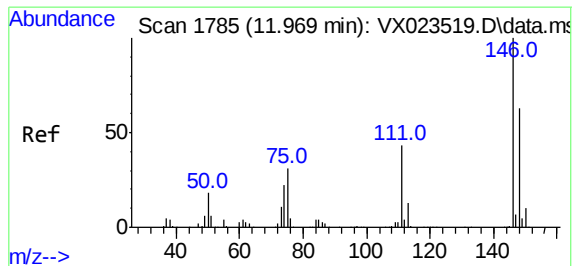
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#82
 p-Isopropyltoluene
 Concen: 1.95 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

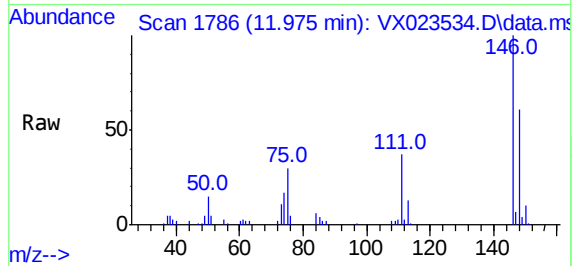
Tgt Ion:119 Resp: 20651
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.8
 91 25.0 0.0 48.6





#83
1,3-Dichlorobenzene
Concen: 2.02 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

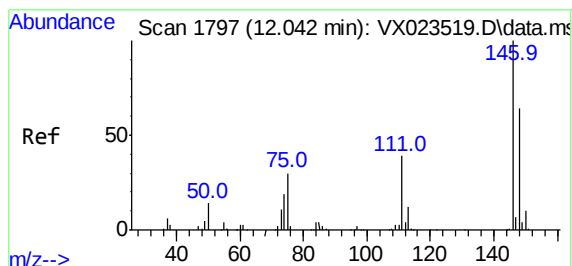
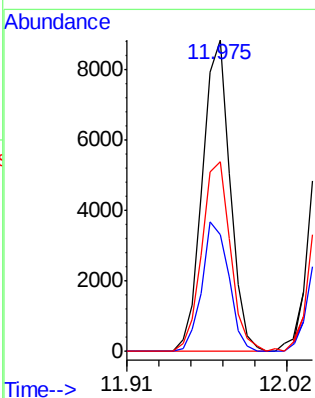
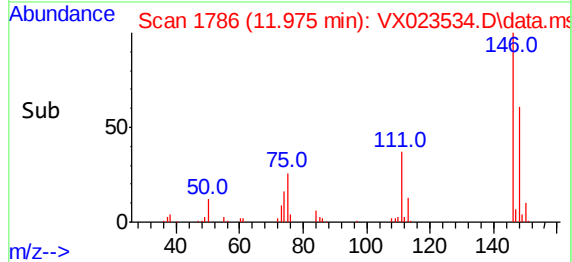
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



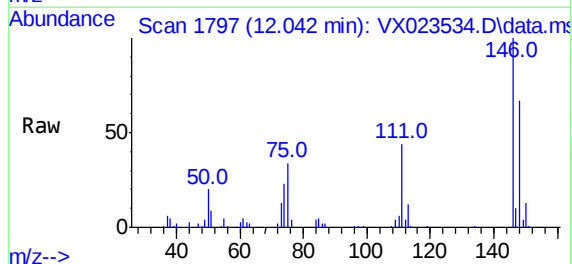
Tgt Ion:146 Resp: 11103
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 63.2 31.9 95.5

Manual Integrations
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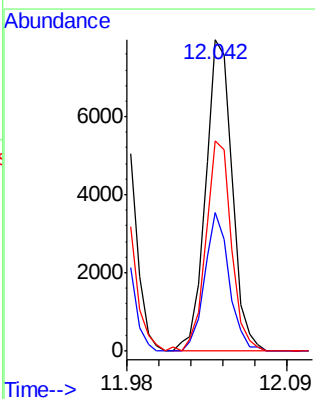
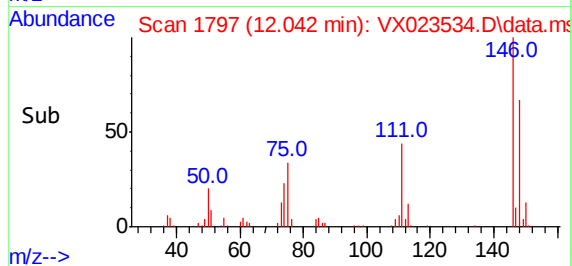
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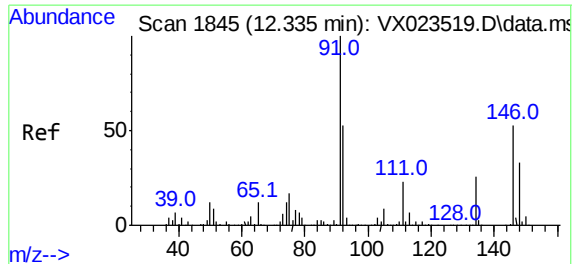


#84
1,4-Dichlorobenzene
Concen: 1.95 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



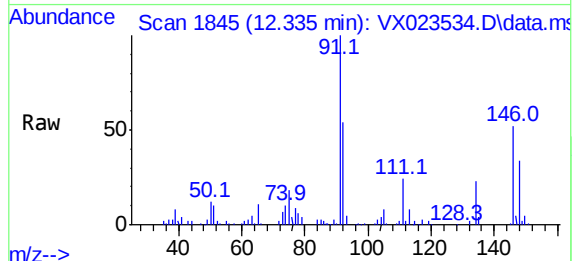
Tgt Ion:146 Resp: 10610
Ion Ratio Lower Upper
146 100
111 40.7 18.9 56.9
148 64.4 31.4 94.2





#85
n-Butylbenzene
Concen: 1.88 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

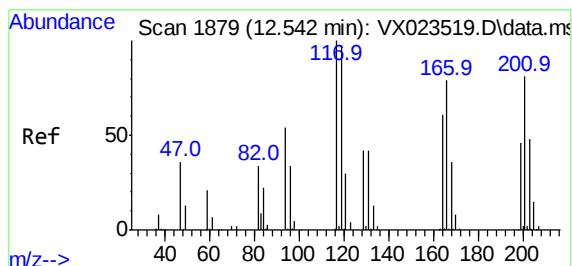
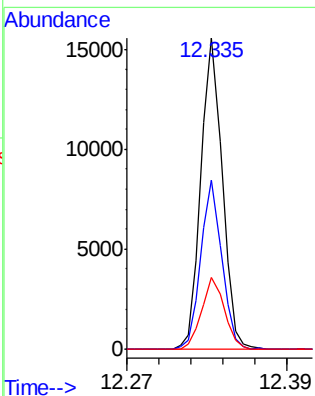
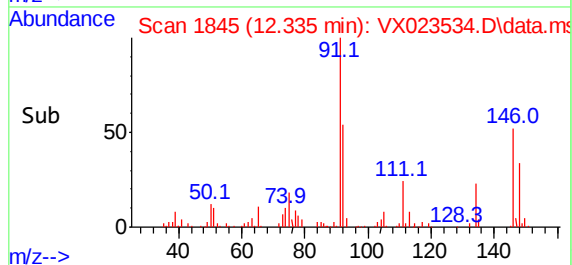
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



Tgt Ion: 91 Resp: 17621
Ion Ratio Lower Upper
91 100
92 53.1 0.0 105.4
134 24.3 0.0 52.4

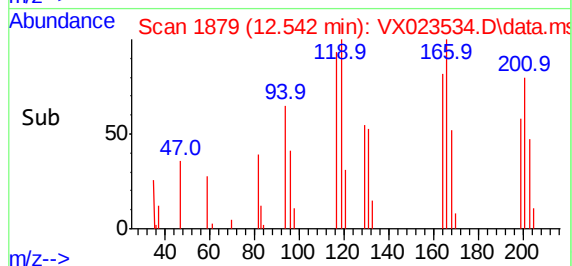
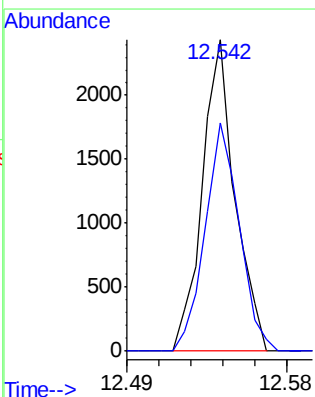
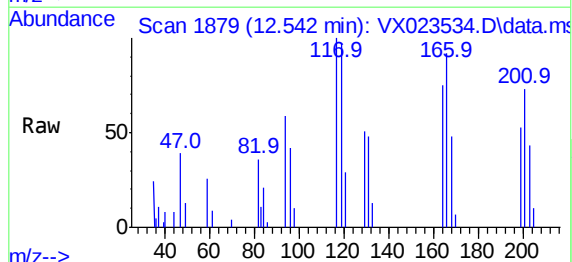
Manual Integrations
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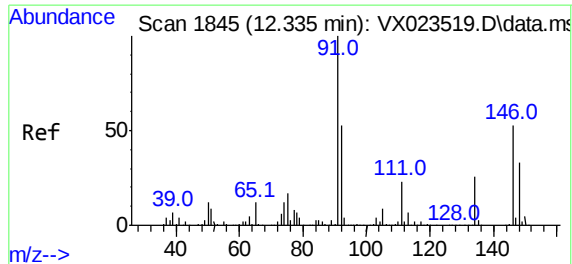
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#86
Hexachloroethane
Concen: 1.65 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

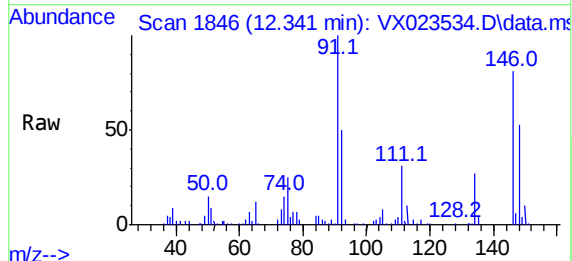
Tgt Ion: 117 Resp: 2828
Ion Ratio Lower Upper
117 100
201 76.7 37.5 112.5





#87
 1,2-Dichlorobenzene
 Concen: 2.10 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07

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

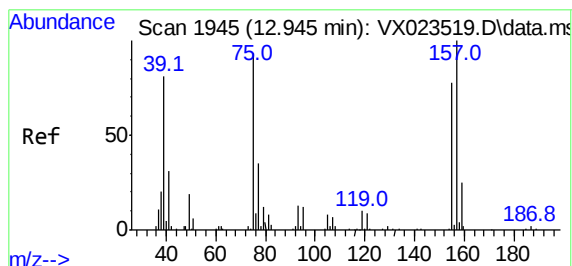
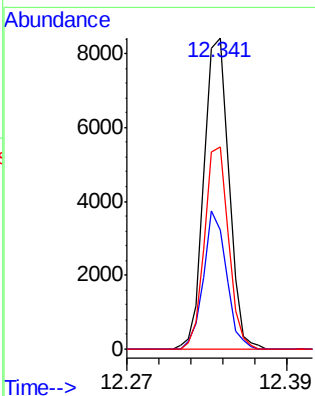
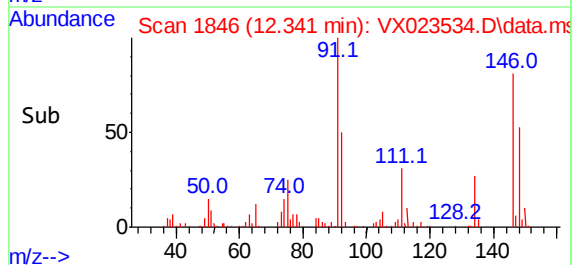


Tgt Ion:146 Resp: 11113

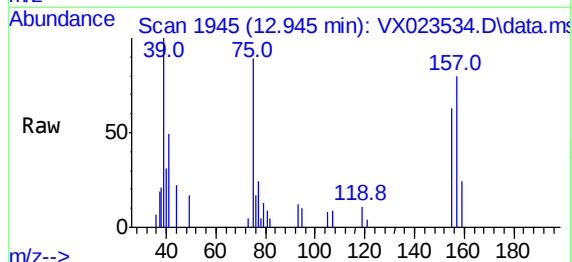
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.7	62.1
148	62.5	32.6	97.8

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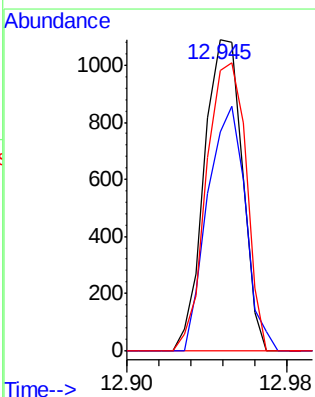
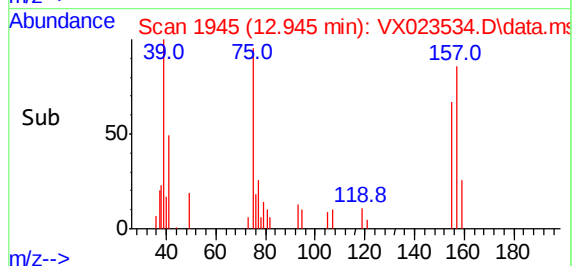


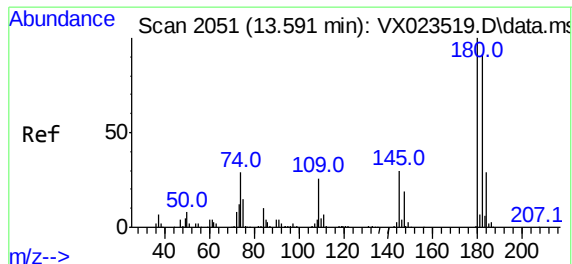
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 1.70 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX023534.D
 Acq: 04 Aug 2021 11:07



Tgt Ion: 75 Resp: 1487

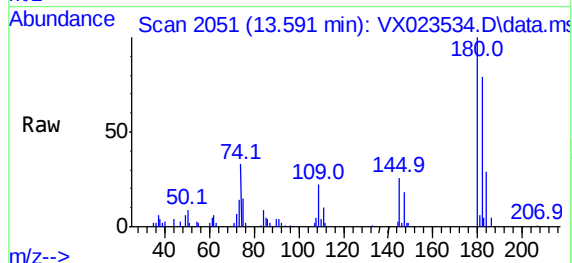
Ion	Ratio	Lower	Upper
75	100		
155	78.4	67.4	101.2
157	96.8	85.8	128.8





#89
1,2,4-Trichlorobenzene
Concen: 1.82 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

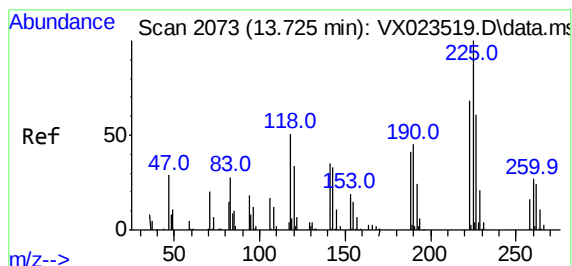
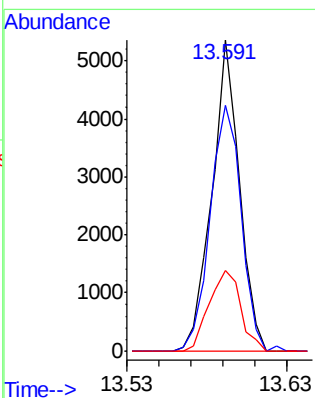
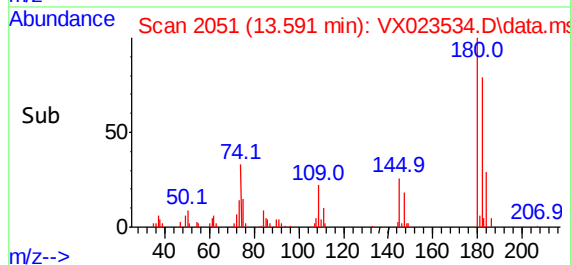
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



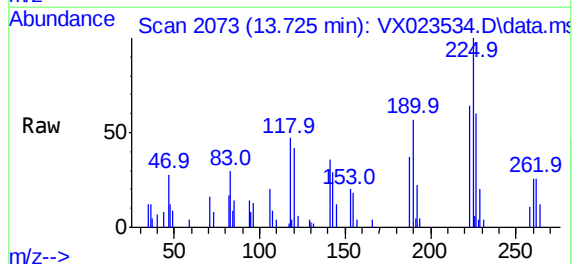
Tgt Ion:180 Resp: 5966
Ion Ratio Lower Upper
180 100
182 88.9 75.9 113.9
145 29.4 24.2 36.4

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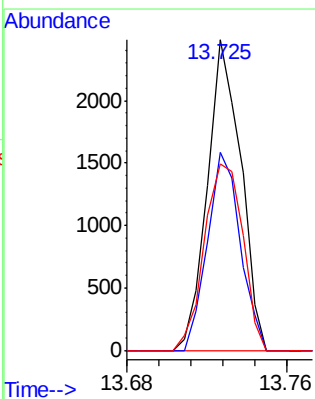
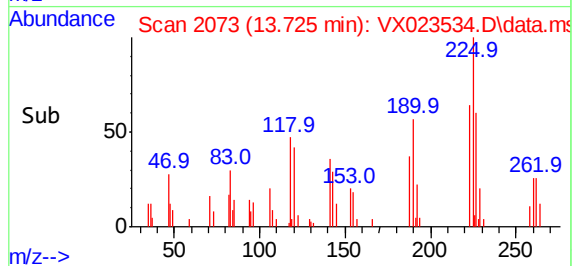
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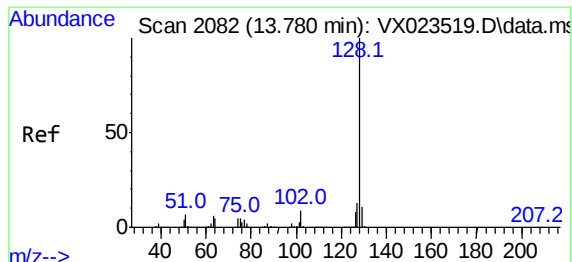


#90
Hexachlorobutadiene
Concen: 2.02 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07



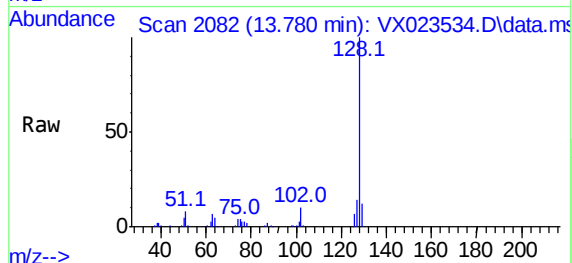
Tgt Ion:225 Resp: 2979
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.4
227 69.3 0.0 125.0





#91
Naphthalene
Concen: 1.59 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

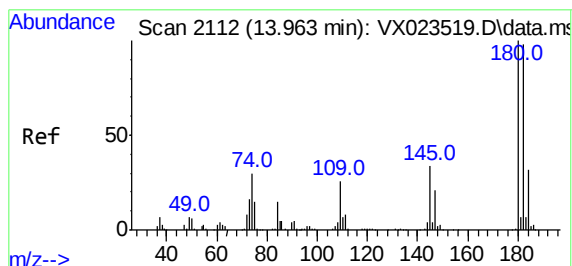
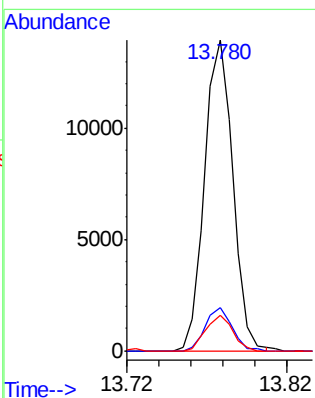
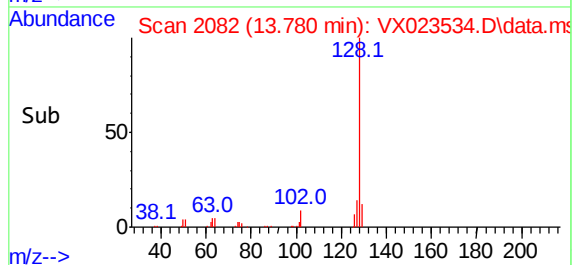
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2021DL



Tgt Ion:128 Resp: 17946
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.0 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
8/6/2021 11:09:15 AM



#92
1,2,3-Trichlorobenzene
Concen: 1.74 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023534.D
Acq: 04 Aug 2021 11:07

Tgt Ion:180 Resp: 5743
Ion Ratio Lower Upper
180 100
182 94.9 0.0 193.4
145 35.2 0.0 64.4

