

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
 Data File : VX023666.D
 Acq On : 12 Aug 2021 11:48
 Operator : JC/MD
 Sample : M3263-02 2.5PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 3:43:58 PM

Quant Time: Aug 13 01:02:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 13 01:00:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	298912	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	280122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	122531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68140	43.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.666	69	63424	49.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.100%
11) 1,1-Dichloroethene-d2	2.306	63	123256	36.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.840%
21) 2-Butanone-d5	4.465	46	173446	115.471	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.470%
24) Chloroform-d	5.068	84	173925	49.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.964	65	126649	52.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.740%
32) Benzene-d6	5.983	84	356418	50.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.020%
36) 1,2-Dichloropropane-d6	7.312	67	115017	51.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	8.653	98	332946	48.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.980%
43) trans-1,3-Dichloroprop...	8.952	79	50163	47.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.480%
47) 2-Hexanone-d5	9.391	63	123806	115.984	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.980%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	153923	52.041	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	12.323	152	113555	52.812	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3780	2.035	ug/L	100
3) Chloromethane	1.294	50	3622	2.050	ug/L	89
5) Vinyl chloride	1.374	62	3680	2.050	ug/L #	56
6) Bromomethane	1.605	94	2690	2.412	ug/L	100
8) Chloroethane	1.685	64	2526	2.220	ug/L	91
9) Trichlorofluoromethane	1.886	101	6350	2.110	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4602	2.617	ug/L #	87
12) 1,1-Dichloroethene	2.313	96	4122	2.710	ug/L #	1
13) Acetone	2.386	43	6525	4.934	ug/L	96
14) Carbon disulfide	2.514	76	5502	1.799	ug/L #	92
15) Methyl Acetate	2.709	43	5255	2.384	ug/L	98
16) Methylene chloride	2.794	84	5243	2.769	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	3350	2.080	ug/L #	77
18) Methyl tert-butyl Ether	3.117	73	12612	2.113	ug/L	96
19) 1,1-Dichloroethane	3.611	63	6499	1.980	ug/L	96
20) cis-1,2-Dichloroethene	4.501	96	4265	2.192	ug/L	94
22) 2-Butanone	4.574	43	8182	4.540	ug/L #	69
23) Bromochloromethane	4.916	128	2136m	2.077	ug/L	
25) Chloroform	5.099	83	12351	3.484	ug/L	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	6379m	2.231	ug/L	
29) Cyclohexane	5.483	56	4976	1.846	ug/L #	22
30) 1,1,1-Trichloroethane	5.397	97	5790	1.913	ug/L #	90
31) Carbon tetrachloride	5.678	117	4592	1.807	ug/L	95
33) Benzene	6.044	78	15308	2.092	ug/L	100
34) Trichloroethene	7.129	95	4147	2.119	ug/L	87
35) Methylcyclohexane	7.379	83	5227	1.859	ug/L	94
37) 1,2-Dichloropropane	7.440	63	4131	2.058	ug/L	98
38) Bromodichloromethane	7.830	83	4659	1.861	ug/L	91
39) cis-1,3-Dichloropropene	8.372	75	5762	1.961	ug/L	92
40) 4-Methyl-2-pentanone	8.580	43	13903	4.298	ug/L	92
42) Toluene	8.720	91	21141	2.606	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	5999m	2.027	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	4414	2.164	ug/L	93
46) Tetrachloroethene	9.275	164	3143	2.116	ug/L	97
48) 2-Hexanone	9.433	43	13156	5.036	ug/L #	81
49) Dibromochloromethane	9.525	129	3790	1.842	ug/L	99
50) 1,2-Dibromoethane	9.616	107	4332	2.075	ug/L #	99
51) Chlorobenzene	10.086	112	10899	2.022	ug/L	92
52) Ethylbenzene	10.195	91	17622	1.984	ug/L	95
53) m,p-Xylene	10.305	106	6339	1.872	ug/L	97
54) o-Xylene	10.646	106	6351	1.883	ug/L	81
55) Styrene	10.659	104	9700	1.707	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	7440	2.400	ug/L #	97
59) Bromoform	10.805	173	2427	1.847	ug/L	98
60) Isopropylbenzene	10.963	105	15694	1.887	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	5847	2.372	ug/L	95
62) 1,3,5-Trimethylbenzene	11.457	105	12379	1.840	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	13418	1.961	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	7206	1.984	ug/L	93
65) 1,4-Dichlorobenzene	12.043	146	7653	2.116	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	7764	2.177	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.945	75	1030	1.795	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.116	180	4804	1.916	ug/L	93
70) 1,2,4-trichlorobenzene	13.591	180	3929	1.819	ug/L #	91
71) Naphthalene	13.780	128	12257	1.637	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	3872	1.740	ug/L	98

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

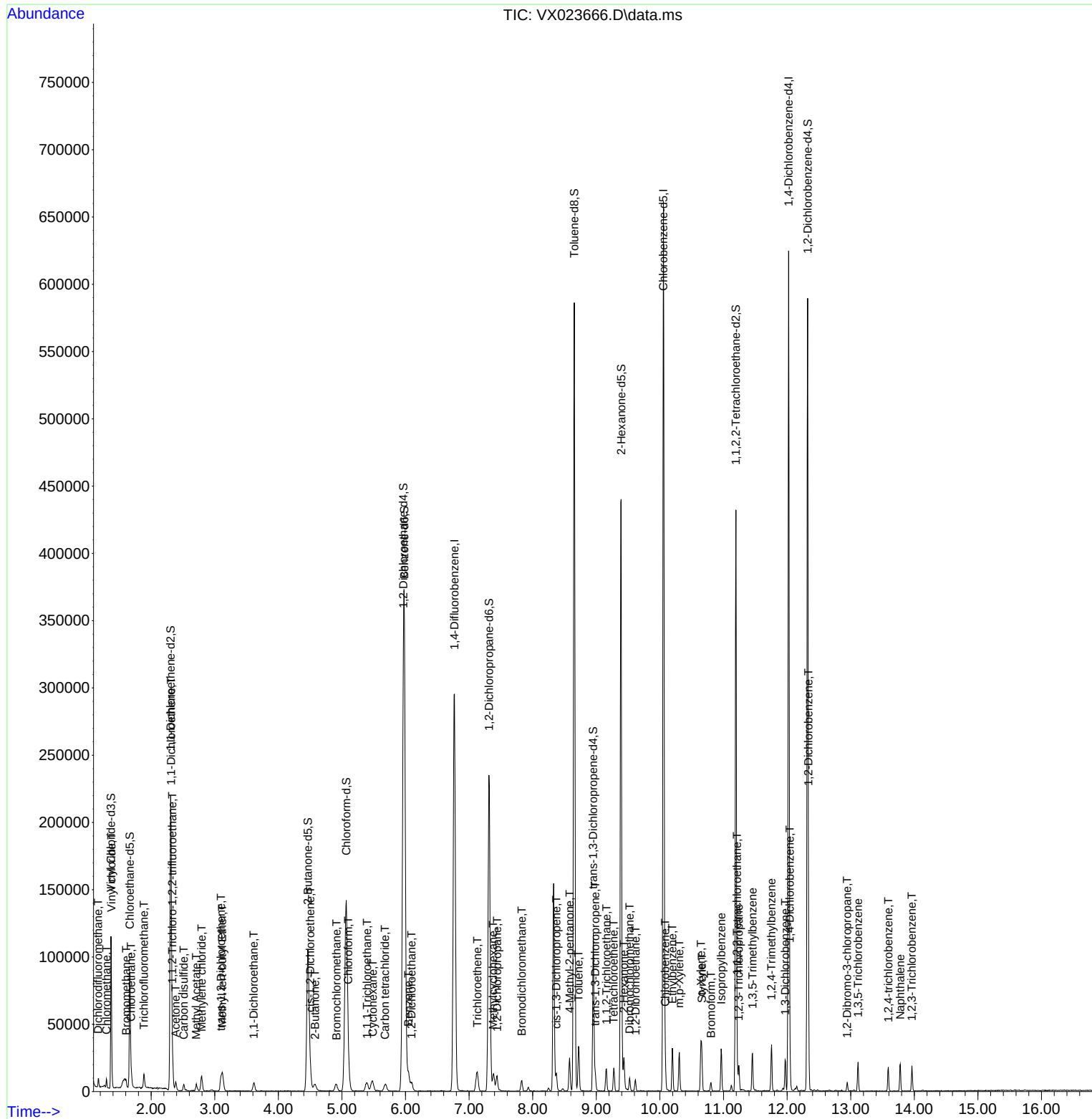
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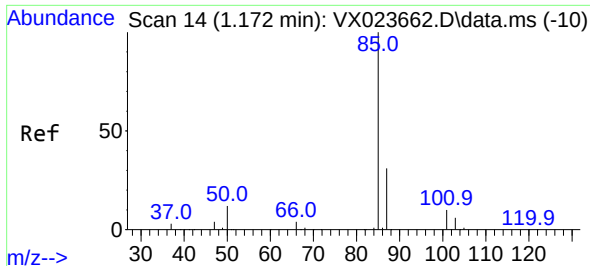
Instrument :
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ClientSampleId :
MDL-WATER-QT4-2021-08

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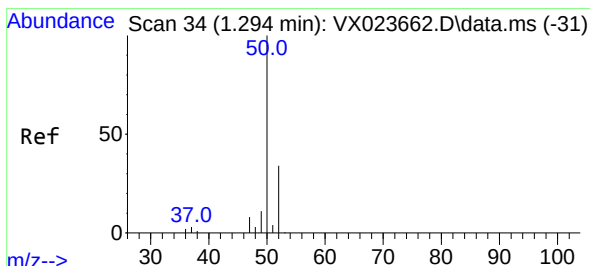
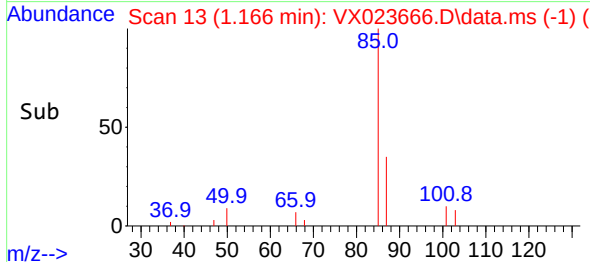
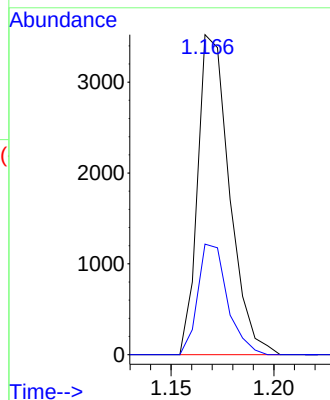
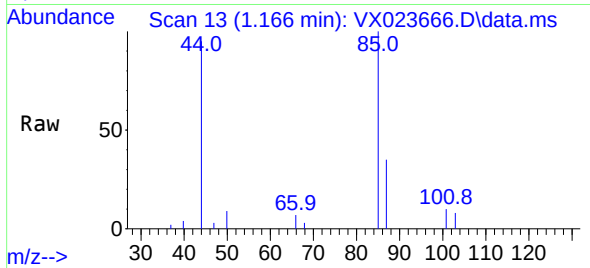
#2
 Dichlorodifluoromethane
 Concen: 2.035 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.006 min
 Lab File: VX023666.D
 Acq: 12 Aug 2021 11:48

Tgt Ion: 85 Resp: 3780
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-08

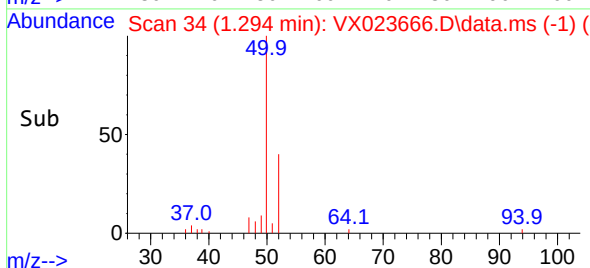
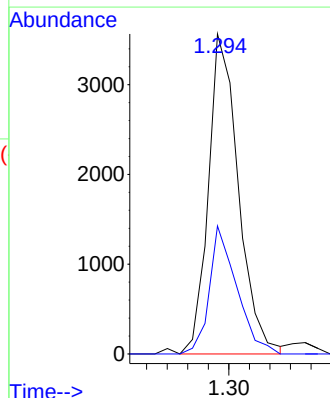
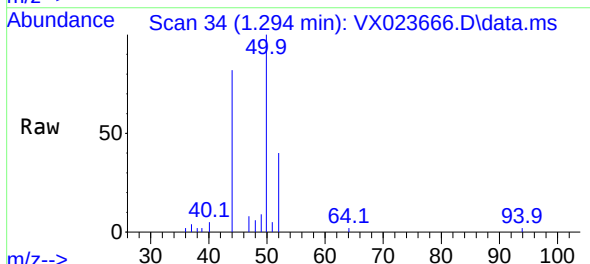
Manual Integrations
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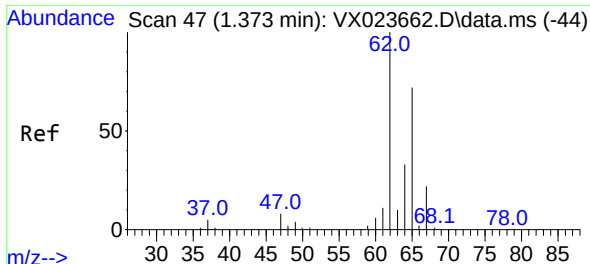
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#3
 Chloromethane
 Concen: 2.050 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX023666.D
 Acq: 12 Aug 2021 11:48

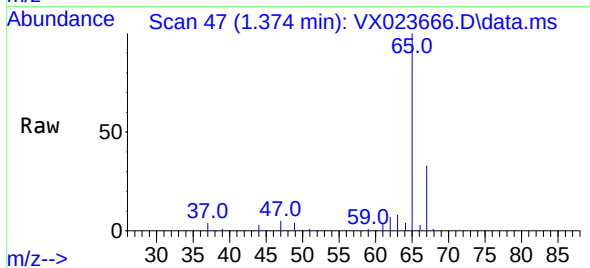
Tgt Ion: 50 Resp: 3622
 Ion Ratio Lower Upper
 50 100
 52 40.0 23.7 43.9





#5
 Vinyl chloride
 Concen: 2.050 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX023666.D
 Acq: 12 Aug 2021 11:48

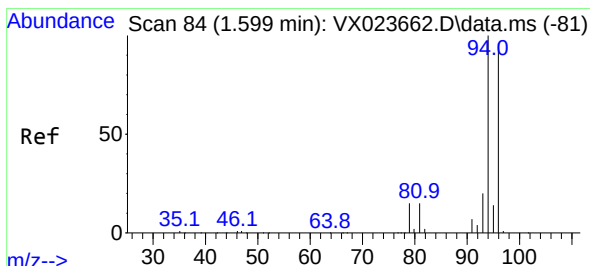
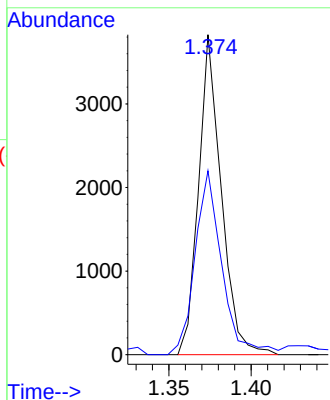
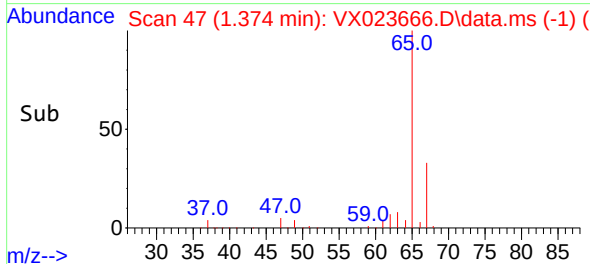
Instrument :
 MSVOA_X
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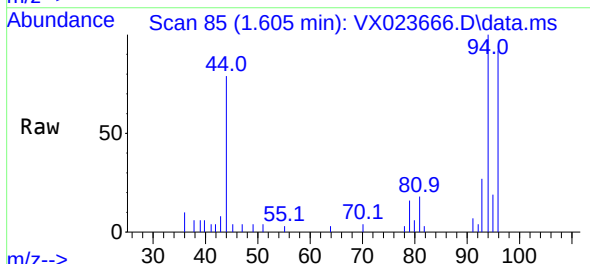
Tgt Ion: 62 Resp: 3680
 Ion Ratio Lower Upper
 62 100
 64 57.5 22.7 42.3#

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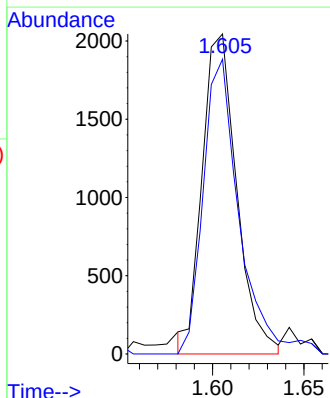
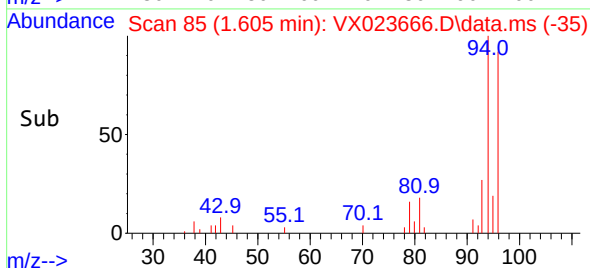
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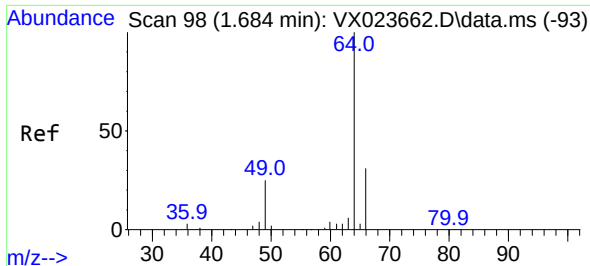


#6
 Bromomethane
 Concen: 2.412 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VX023666.D
 Acq: 12 Aug 2021 11:48



Tgt Ion: 94 Resp: 2690
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.8 120.3





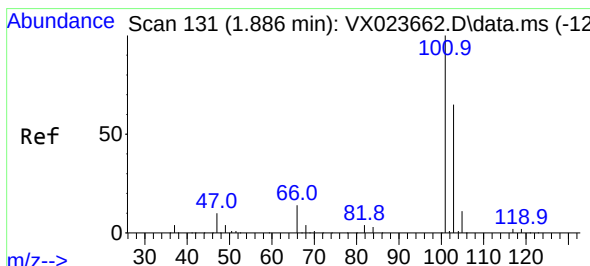
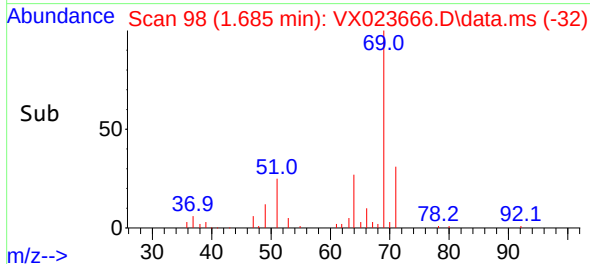
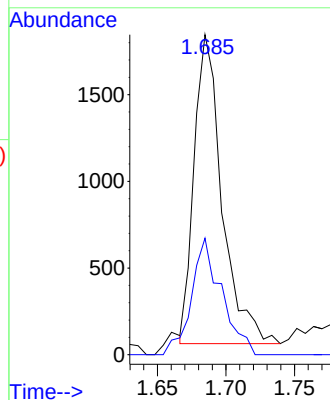
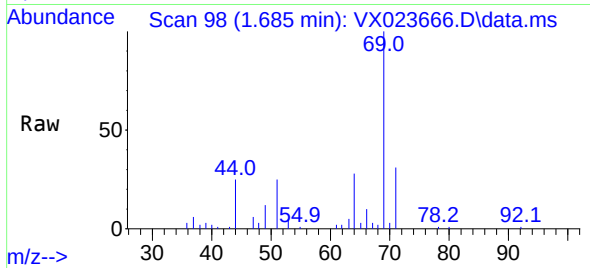
#8
Chloroethane
Concen: 2.220 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 64 Resp: 2526
Ion Ratio Lower Upper
64 100
66 36.4 22.0 41.0

Instrument :
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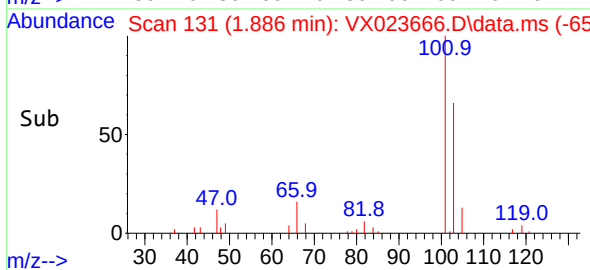
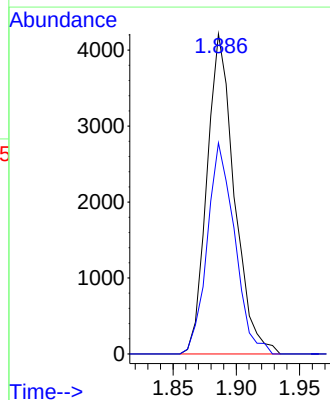
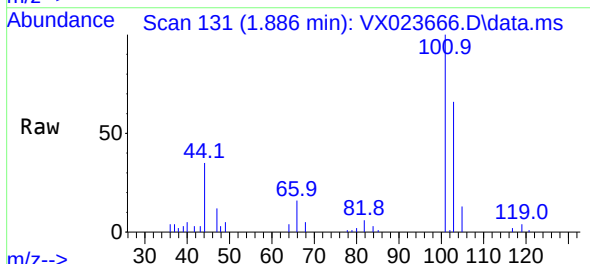
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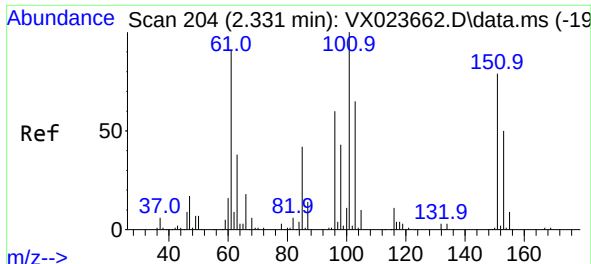
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#9
Trichlorofluoromethane
Concen: 2.110 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 101 Resp: 6350
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.2





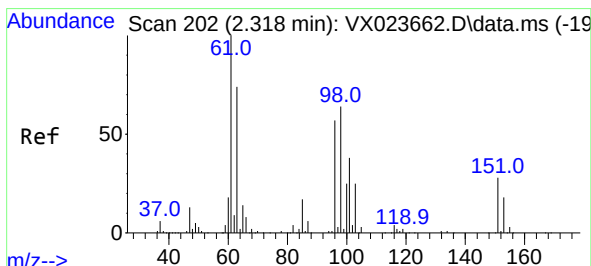
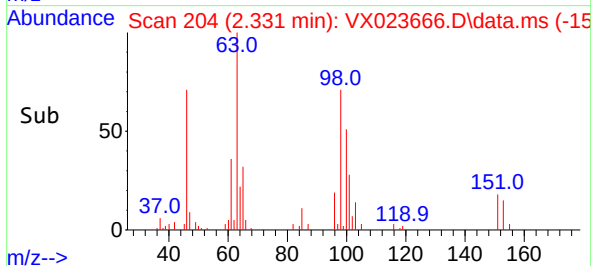
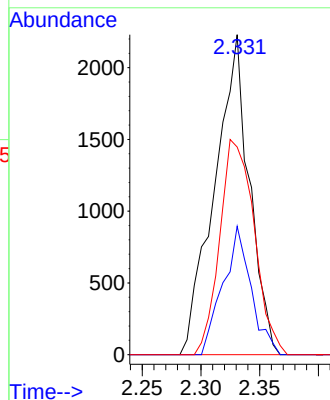
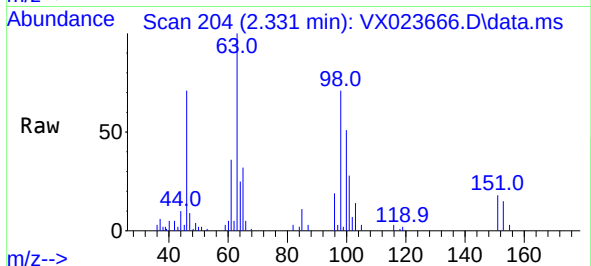
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.617 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX023666.D
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Tgt Ion: 101 Resp: 4602
Ion Ratio Lower Upper
101 100
85 32.3 34.3 51.5#
151 66.6 60.7 91.1

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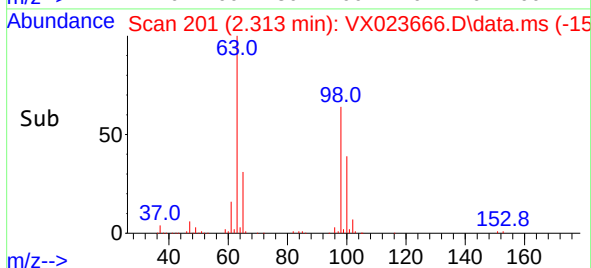
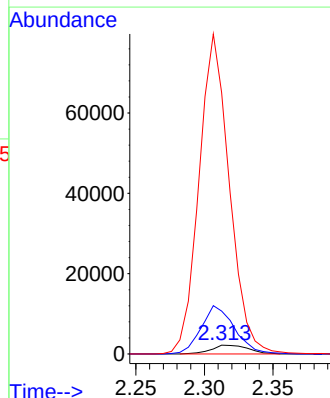
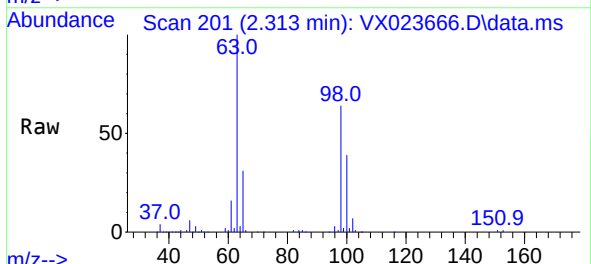
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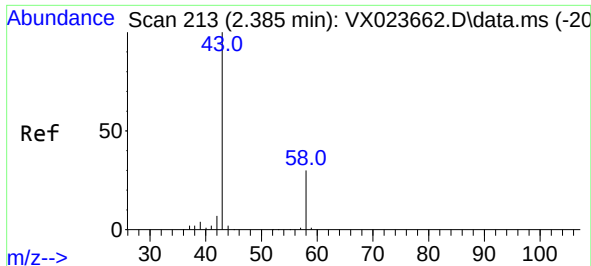
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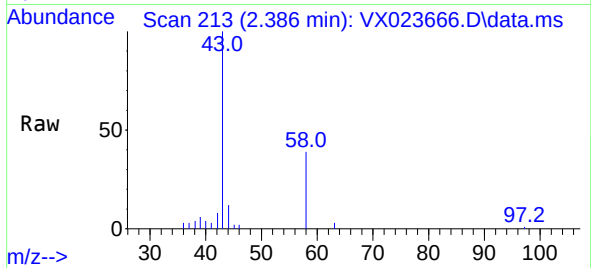
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1,1-Dichloroethene
Concen: 2.710 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 96 Resp: 4122
Ion Ratio Lower Upper
96 100
61 488.8 115.5 214.5#
63 2972.0 77.3 143.7#

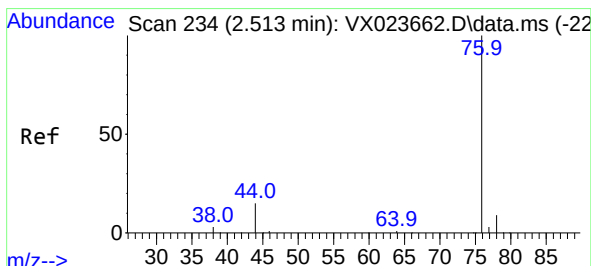
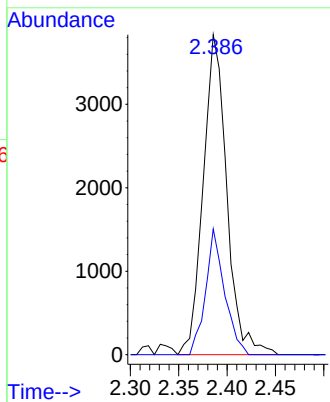
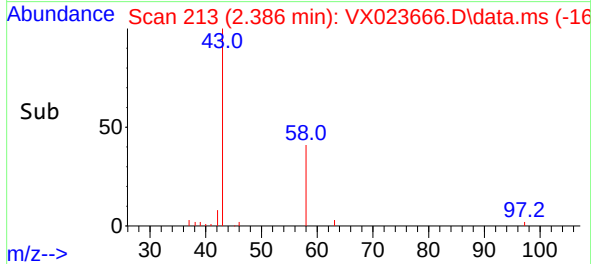




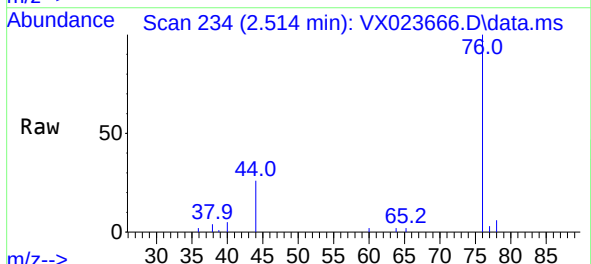
#13
Acetone
Concen: 4.934 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
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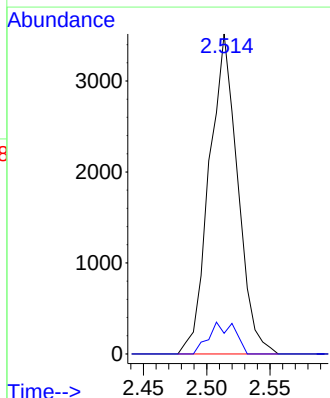
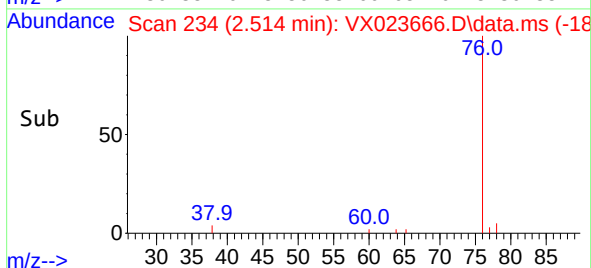
Tgt Ion: 43 Resp: 6525
Ion Ratio Lower Upper
43 100
58 31.6 0.0 68.2



#14
Carbon disulfide
Concen: 1.799 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



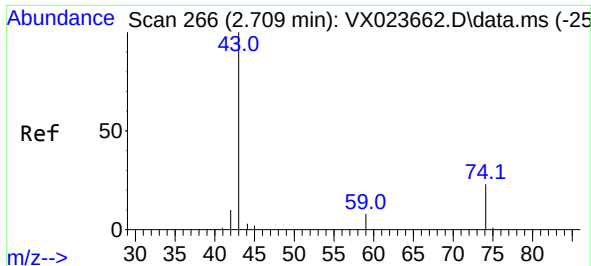
Tgt Ion: 76 Resp: 5502
Ion Ratio Lower Upper
76 100
78 6.5 7.6 11.4#



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

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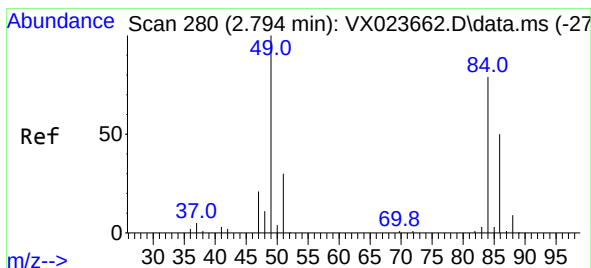
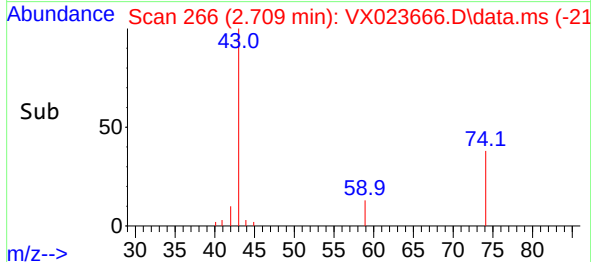
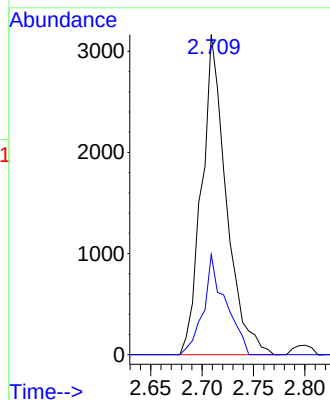
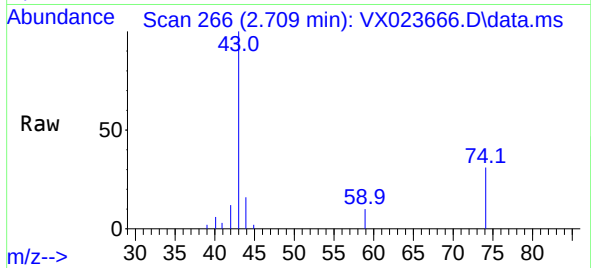
#15
Methyl Acetate
Concen: 2.384 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 43 Resp: 5255
Ion Ratio Lower Upper
43 100
74 28.3 21.7 32.5

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

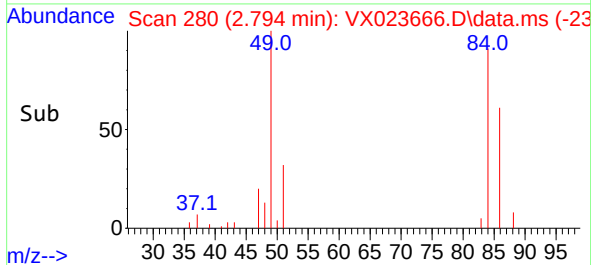
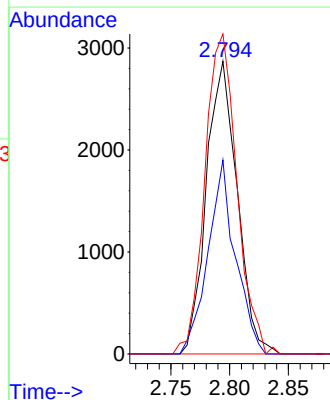
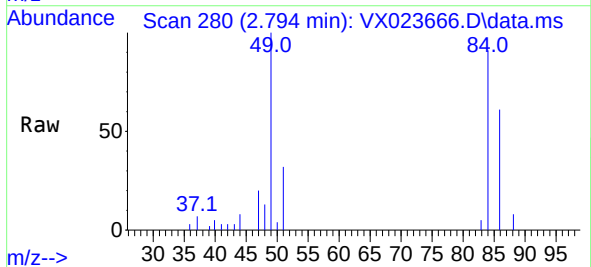
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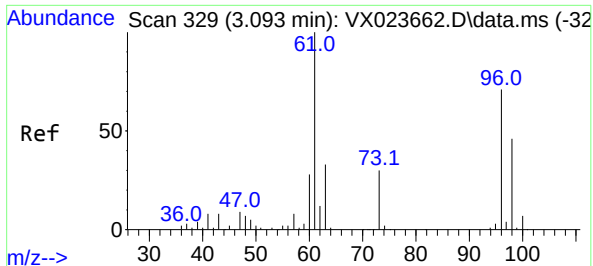
MMDadoda
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#16
Methylene chloride
Concen: 2.769 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 84 Resp: 5243
Ion Ratio Lower Upper
84 100
86 66.3 44.2 82.0
49 109.4 77.8 144.6





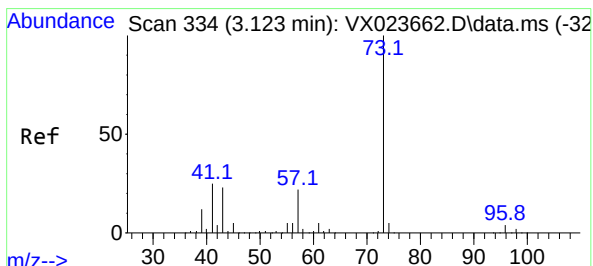
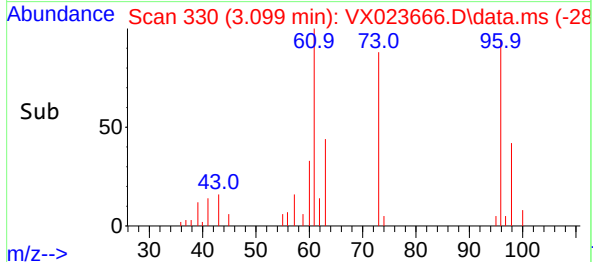
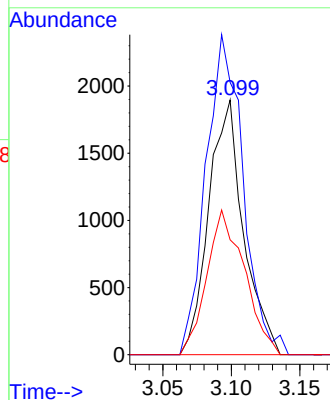
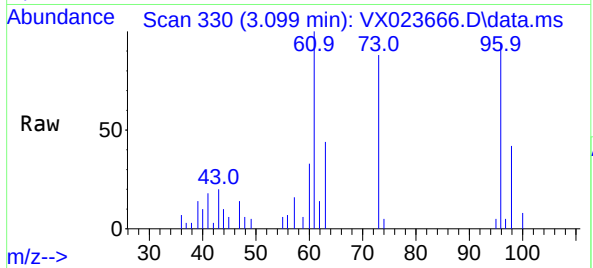
#17
trans-1,2-Dichloroethene
Concen: 2.080 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 96 Resp: 3350
Ion Ratio Lower Upper
96 100
61 106.9 92.3 171.3
98 45.1 46.3 85.9#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

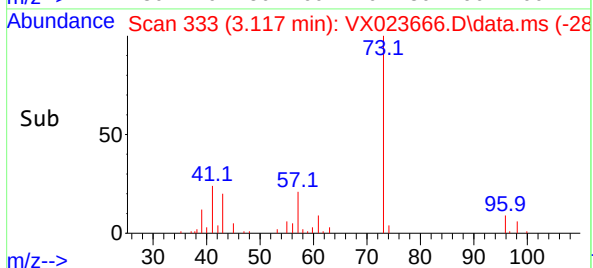
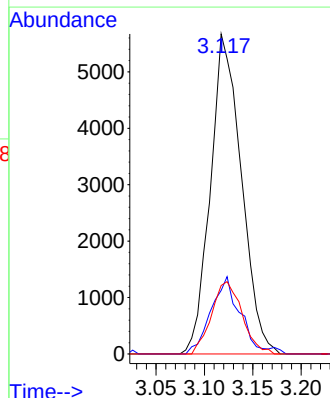
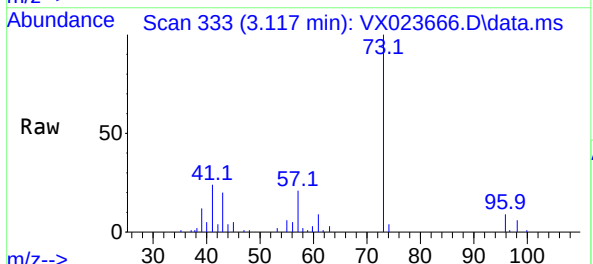
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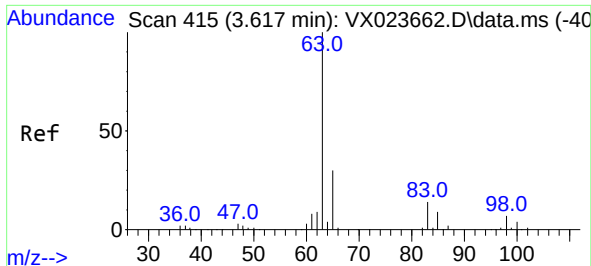
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#18
Methyl tert-butyl Ether
Concen: 2.113 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 73 Resp: 12612
Ion Ratio Lower Upper
73 100
43 22.5 15.1 22.7
57 22.3 17.4 26.2





#19

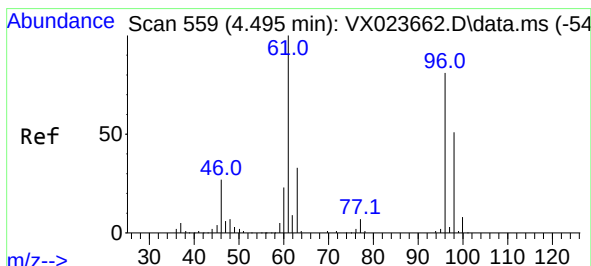
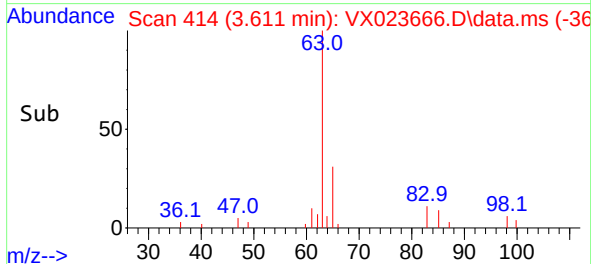
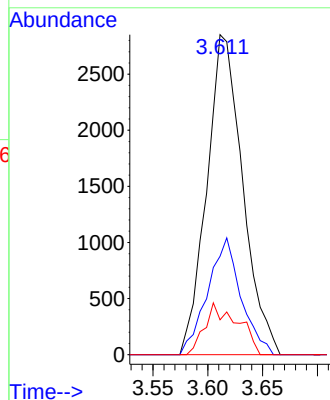
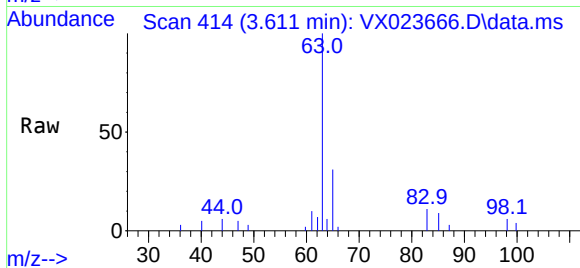
1,1-Dichloroethane
Concen: 1.980 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:	63	Resp:	6499
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.4	41.6
83	10.9	9.5	17.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

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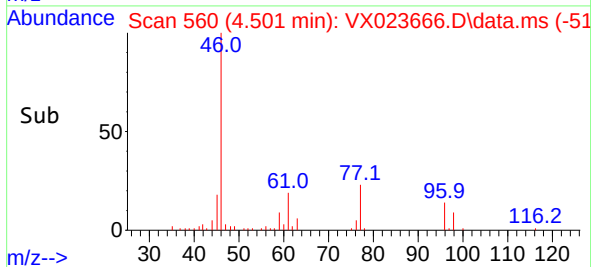
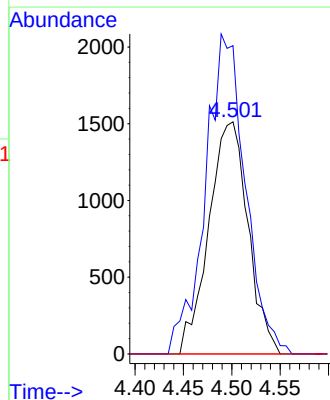
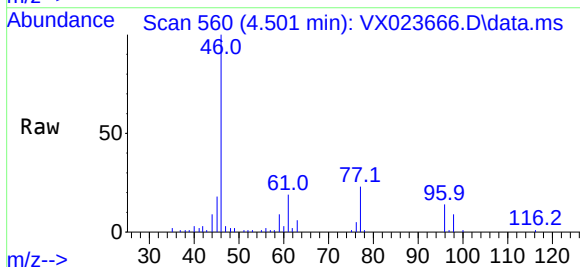
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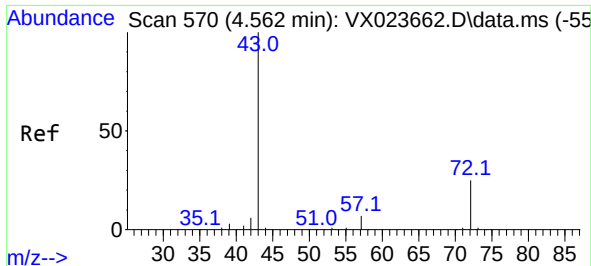


#20

cis-1,2-Dichloroethene
Concen: 2.192 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

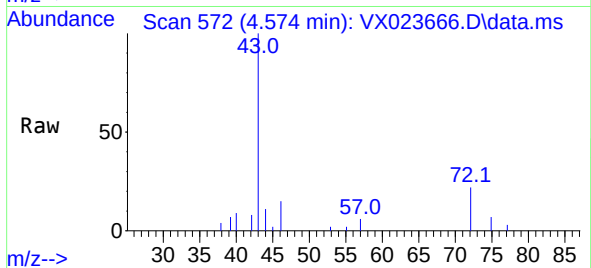
Tgt Ion:	96	Resp:	4265
Ion	Ratio	Lower	Upper
96	100		
61	132.8	87.8	163.0
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 4.540 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

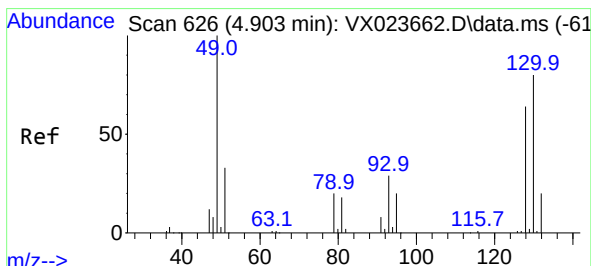
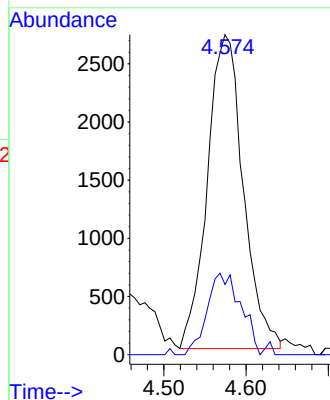
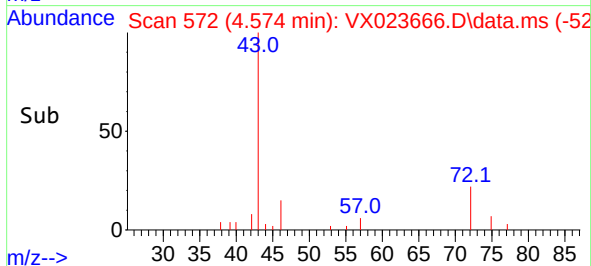
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



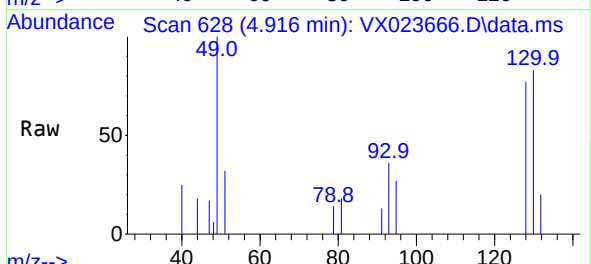
Tgt Ion: 43 Resp: 8182
Ion Ratio Lower Upper
43 100
72 13.8 15.3 45.8#

Manual Integrations
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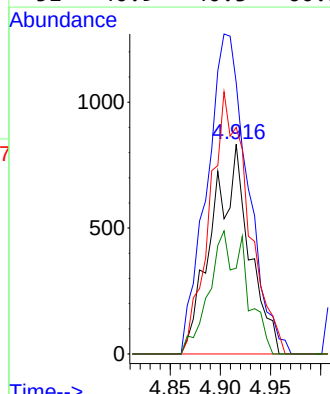
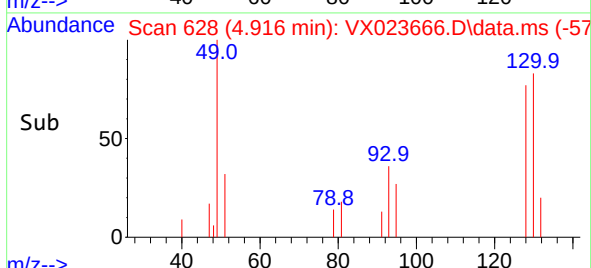
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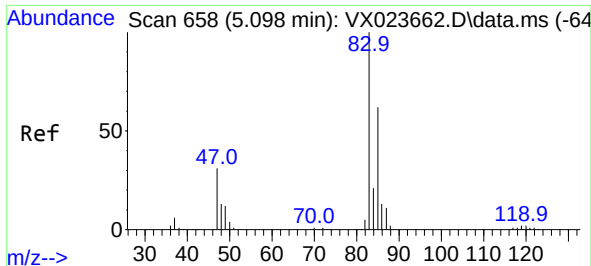


#23
Bromochloromethane
Concen: 2.077 ug/L m
RT: 4.916 min Scan# 628
Delta R.T. 0.012 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



Tgt Ion: 128 Resp: 2136
Ion Ratio Lower Upper
128 100
49 129.4 107.5 199.7
130 108.0 91.1 169.3
51 40.9 40.3 60.5





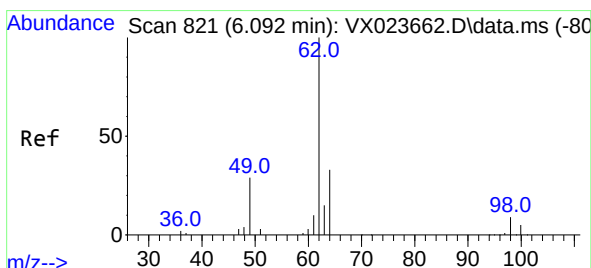
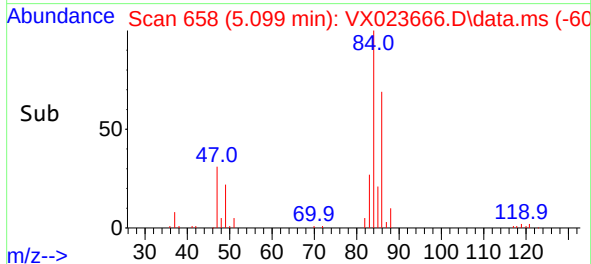
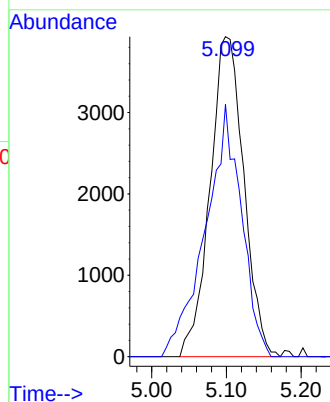
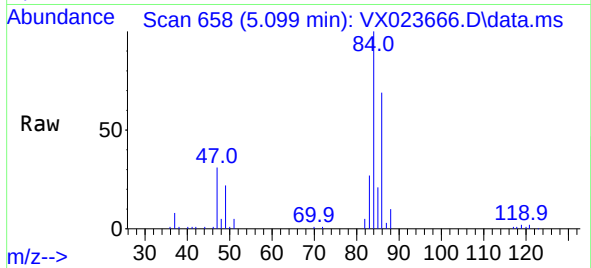
#25
Chloroform
Concen: 3.484 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 83 Resp: 12351
Ion Ratio Lower Upper
83 100
85 78.8 46.3 85.9

Instrument :
MSVOA_X
ClientSampleId :
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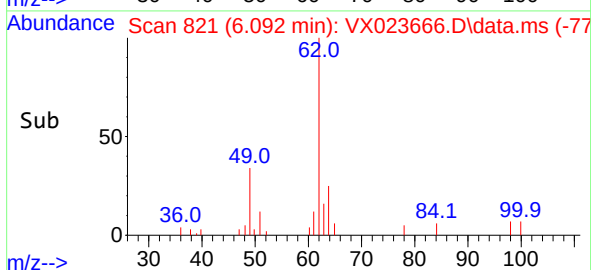
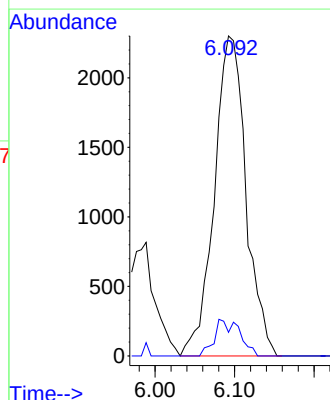
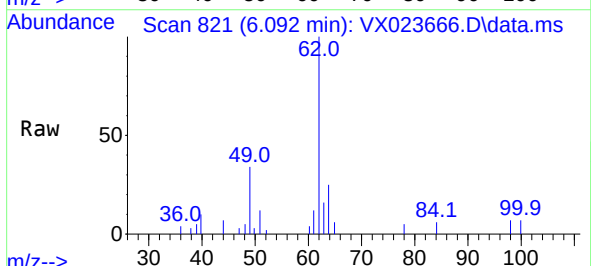
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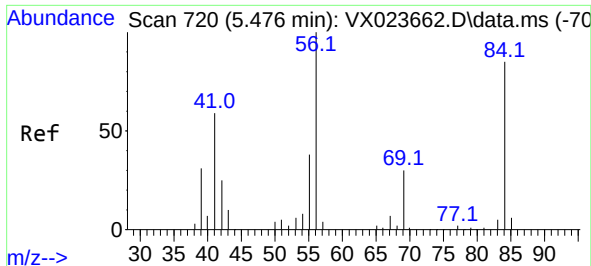
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#27
1,2-Dichloroethane
Concen: 2.231 ug/L m
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

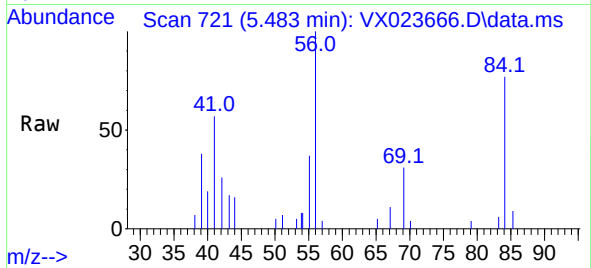
Tgt Ion: 62 Resp: 6379
Ion Ratio Lower Upper
62 100
98 7.4 7.9 11.9#





#29
Cyclohexane
Concen: 1.846 ug/L
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

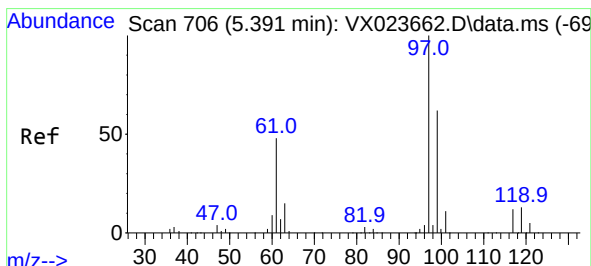
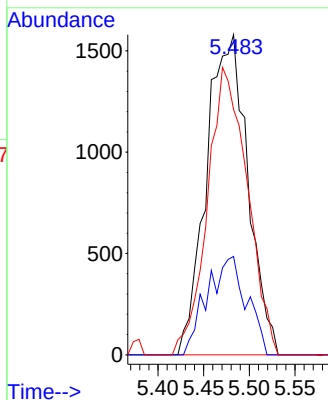
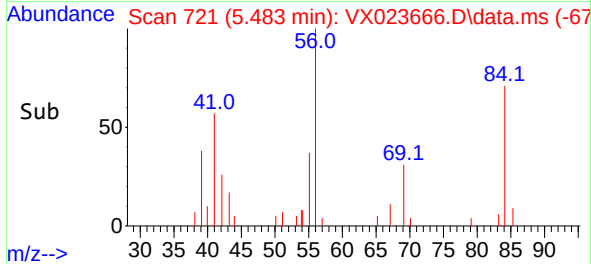
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



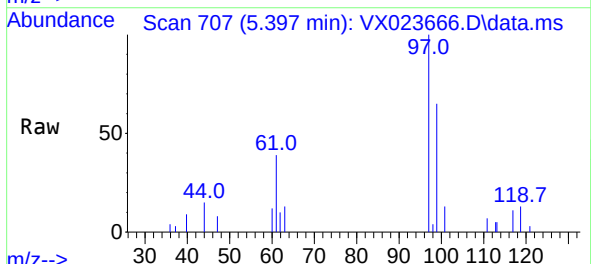
Tgt Ion: 56 Resp: 4976
Ion Ratio Lower Upper
56 100
69 7.9 25.7 38.5#
84 5.0 72.4 108.6#

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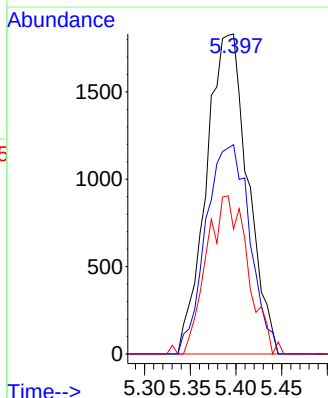
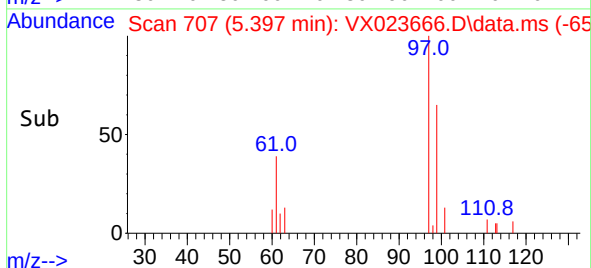
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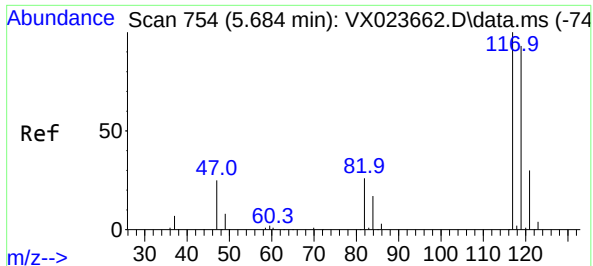


#30
1,1,1-Trichloroethane
Concen: 1.913 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



Tgt Ion: 97 Resp: 5790
Ion Ratio Lower Upper
97 100
99 68.9 52.1 78.1
61 32.5 35.3 52.9#





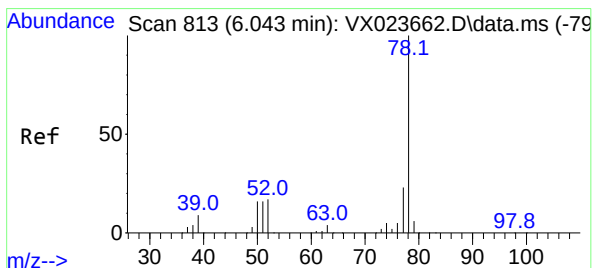
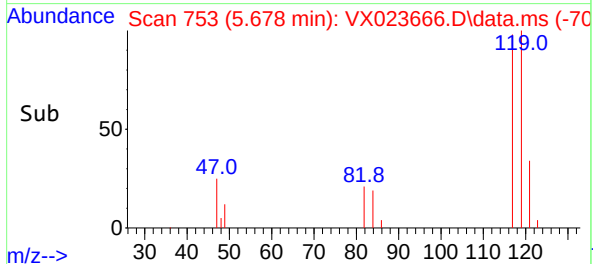
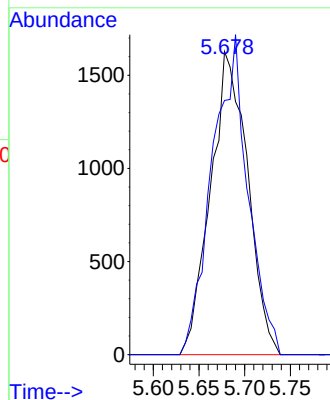
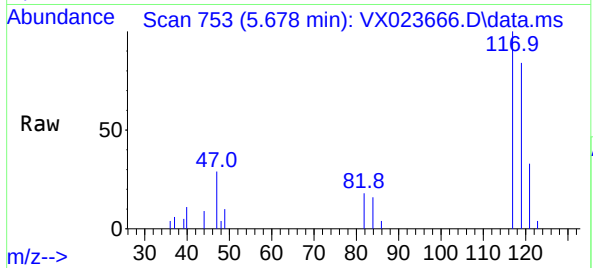
#31
Carbon tetrachloride
Concen: 1.807 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:117 Resp: 4592
Ion Ratio Lower Upper
117 100
119 101.3 77.5 116.3

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

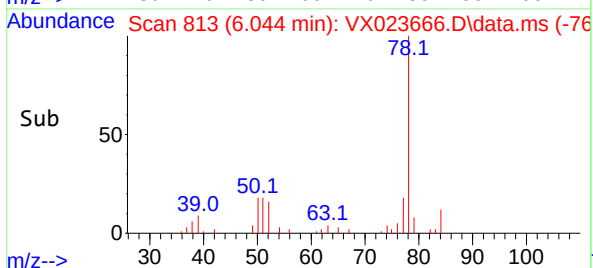
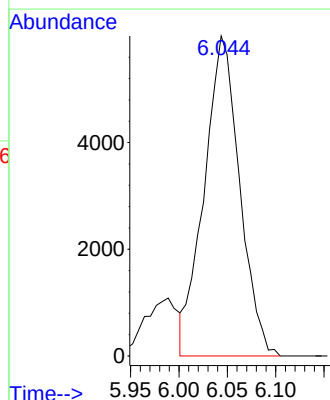
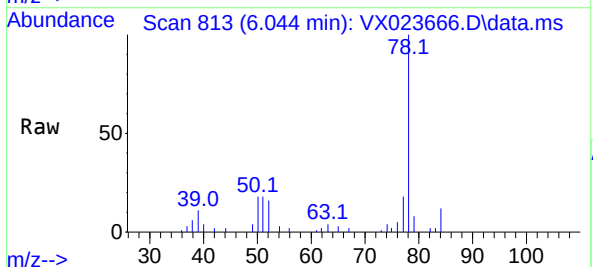
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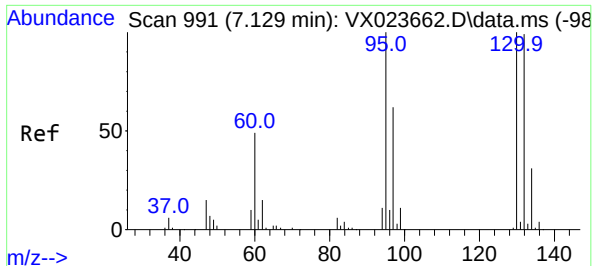
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#33
Benzene
Concen: 2.092 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 78 Resp: 15308





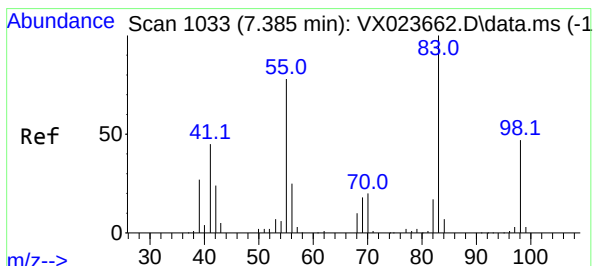
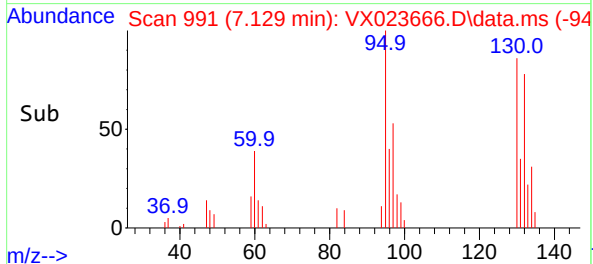
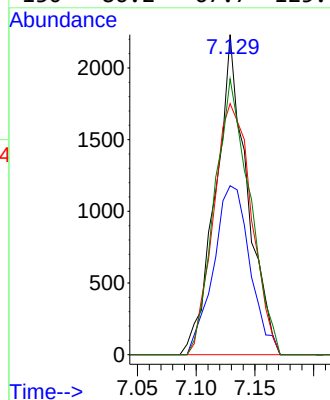
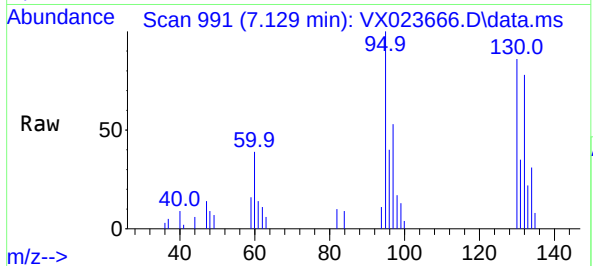
#34
Trichloroethene
Concen: 2.119 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:	95	Resp:	4147
Ion	Ratio	Lower	Upper
95	100		
97	52.8	44.5	82.7
132	78.4	65.2	121.0
130	86.2	67.7	125.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

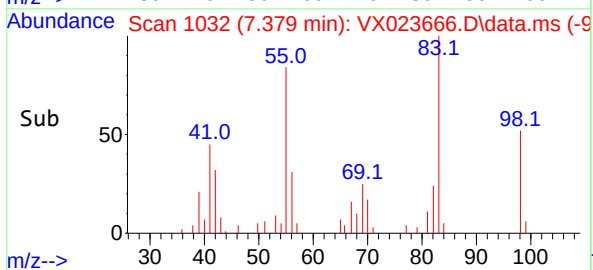
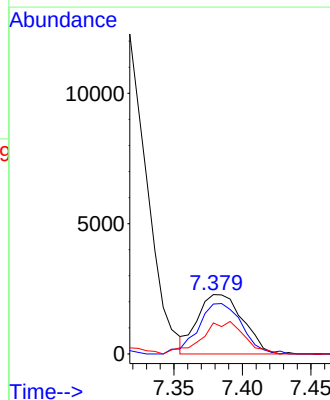
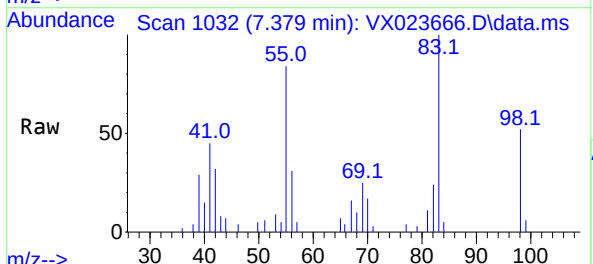
Manual Integrations
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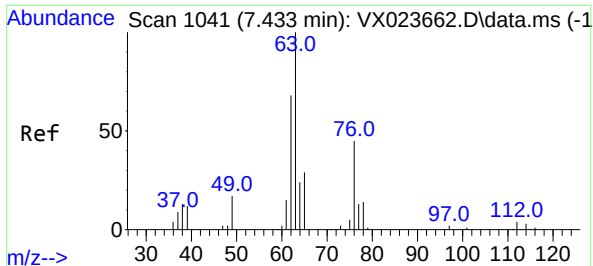
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#35
Methylcyclohexane
Concen: 1.859 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:	83	Resp:	5227
Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.2	91.8
98	51.0	38.7	58.1





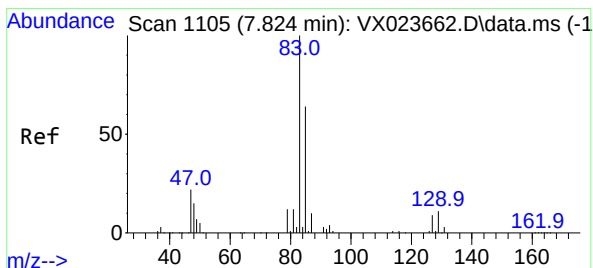
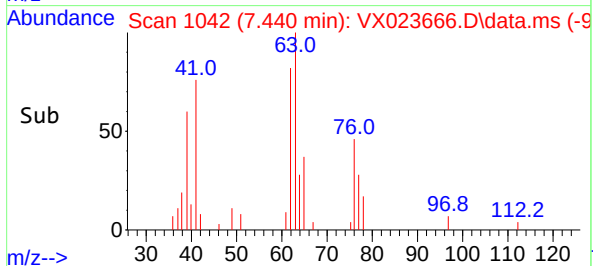
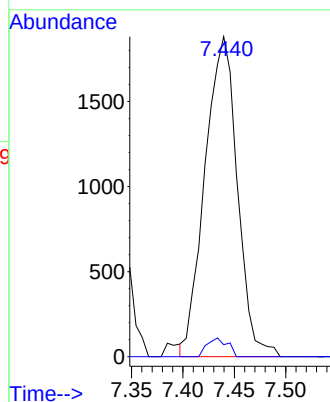
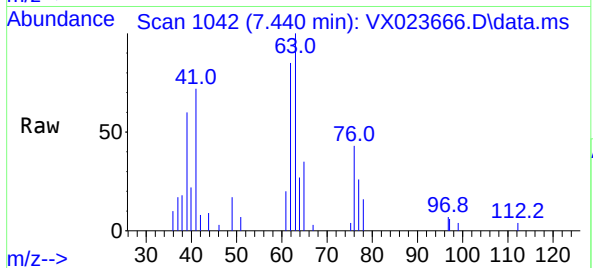
#37
1,2-Dichloropropane
Concen: 2.058 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 63 Resp: 4131
Ion Ratio Lower Upper
63 100
112 3.7 3.6 5.4

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

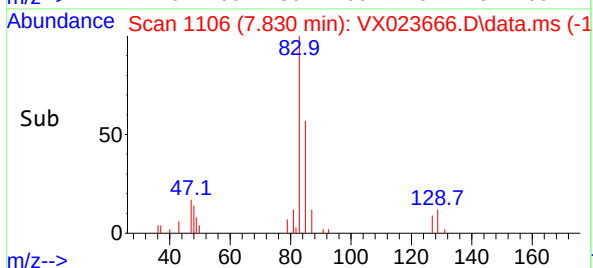
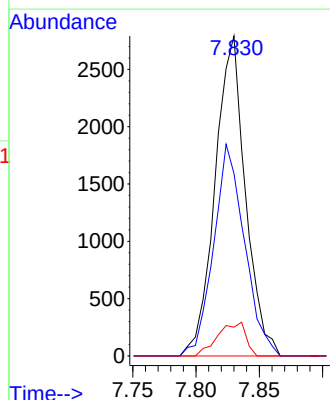
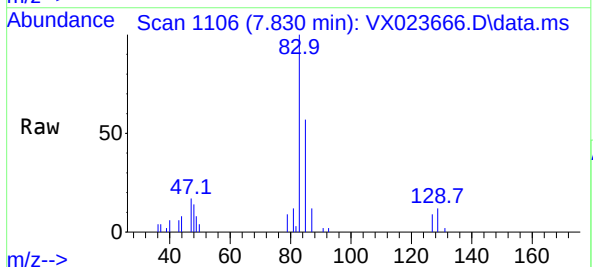
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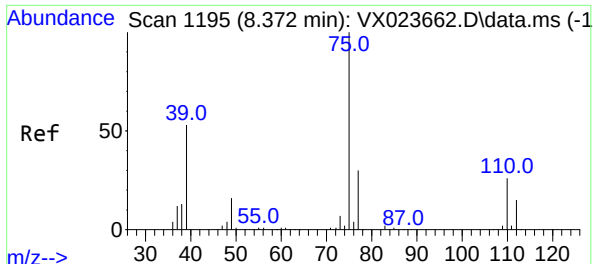
MMDadoda
8/13/2021 3:43:58 PM



#38
Bromodichloromethane
Concen: 1.861 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 83 Resp: 4659
Ion Ratio Lower Upper
83 100
85 57.1 45.1 83.7
127 9.0 6.6 10.0





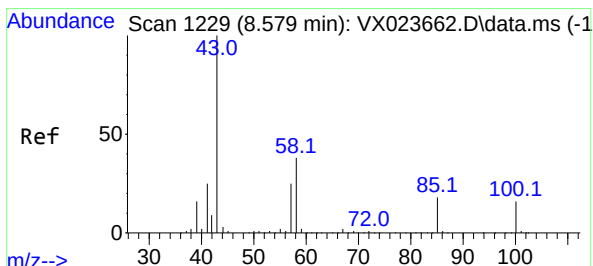
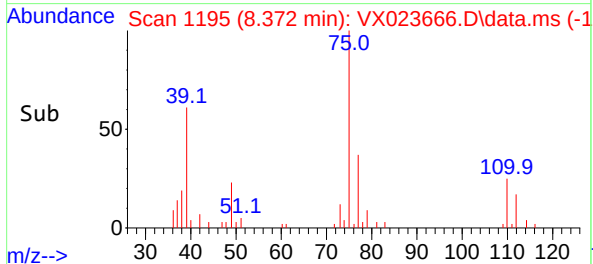
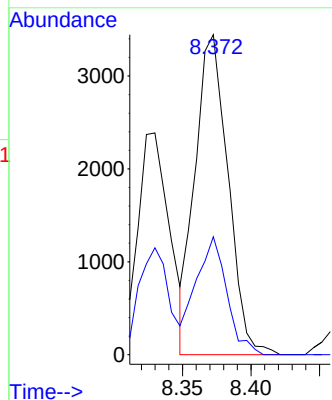
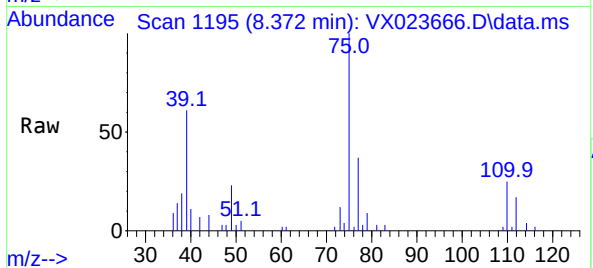
#39
cis-1,3-Dichloropropene
Concen: 1.961 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 75 Resp: 5762
Ion Ratio Lower Upper
75 100
77 36.9 22.7 42.3

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

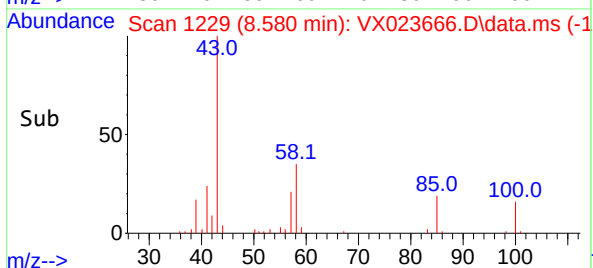
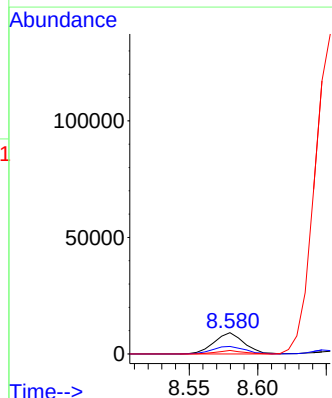
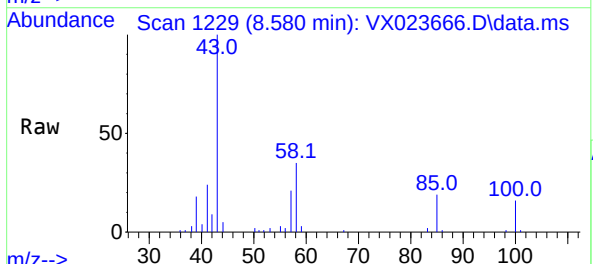
Manual Integrations
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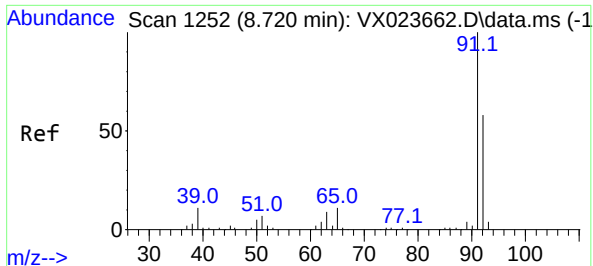
MMDadoda
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#40
4-Methyl-2-pentanone
Concen: 4.298 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 43 Resp: 13903
Ion Ratio Lower Upper
43 100
58 38.7 35.0 52.4
100 14.6 14.2 21.4





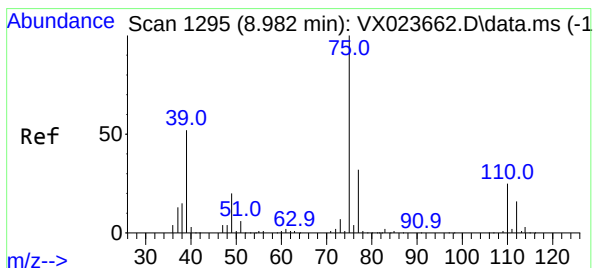
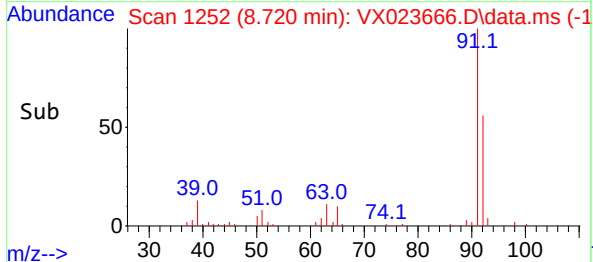
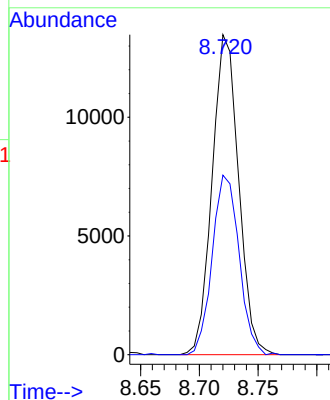
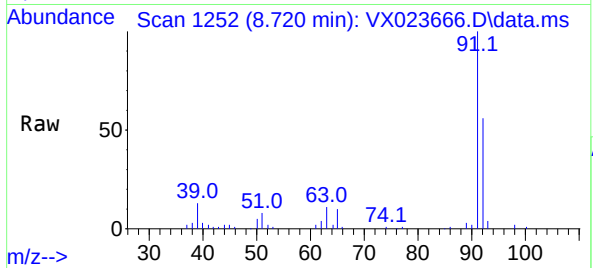
#42
Toluene
Concen: 2.606 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 91 Resp: 21141
Ion Ratio Lower Upper
91 100
92 56.1 40.5 75.1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

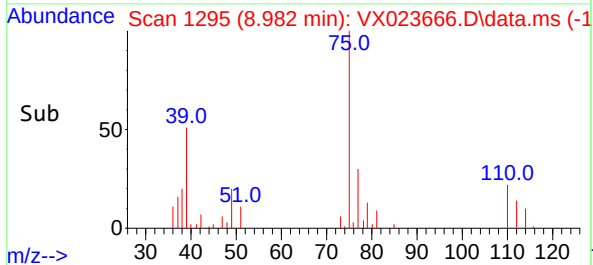
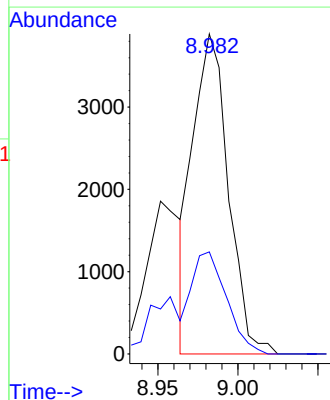
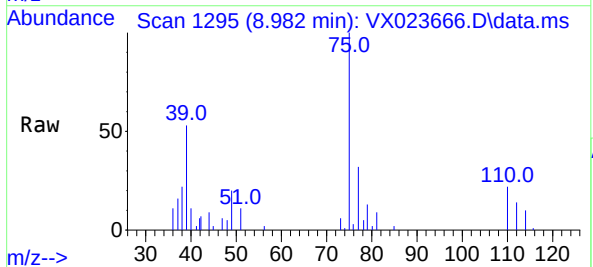
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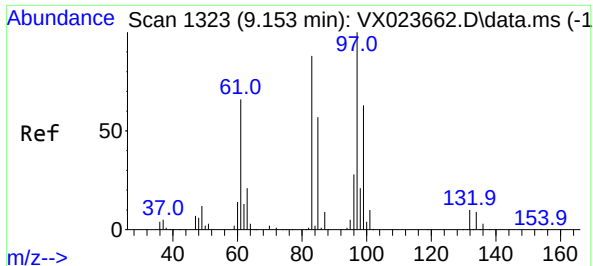
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#44
trans-1,3-Dichloropropene
Concen: 2.027 ug/L m
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 75 Resp: 5999
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6





#45

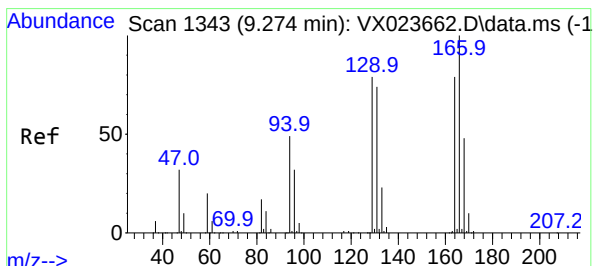
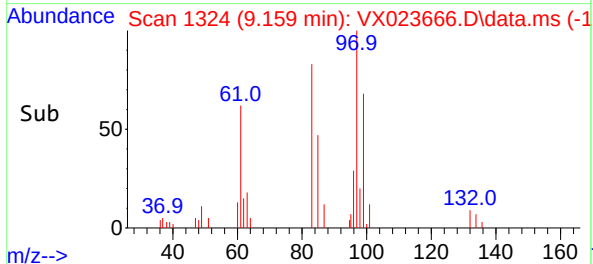
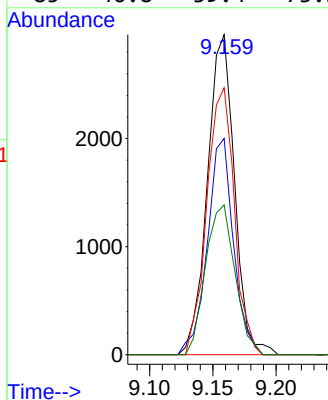
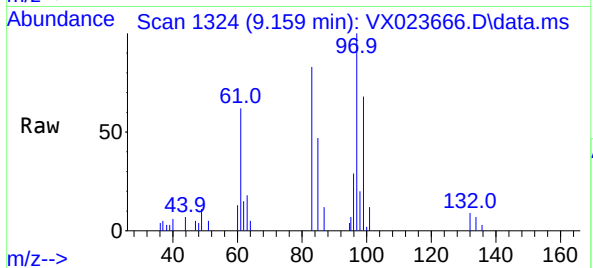
1,1,2-Trichloroethane
Concen: 2.164 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:	97	Resp:	4414
Ion	Ratio	Lower	Upper
97	100		
99	67.6	44.0	81.6
83	83.4	60.8	113.0
85	46.8	39.4	73.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

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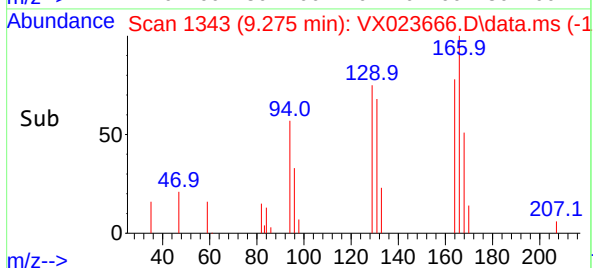
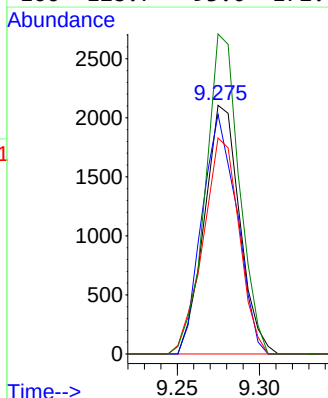
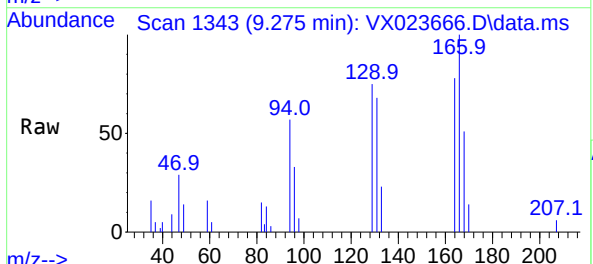
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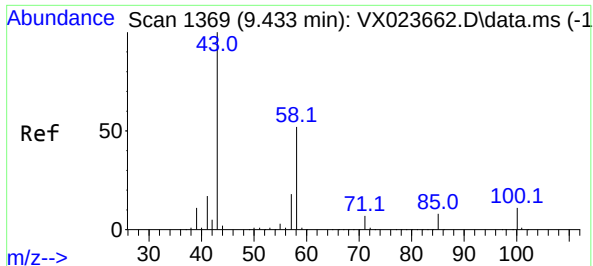


#46

Tetrachloroethene
Concen: 2.116 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:	164	Resp:	3143
Ion	Ratio	Lower	Upper
164	100		
129	96.3	65.6	121.8
131	86.9	63.7	118.3
166	128.7	93.0	172.6





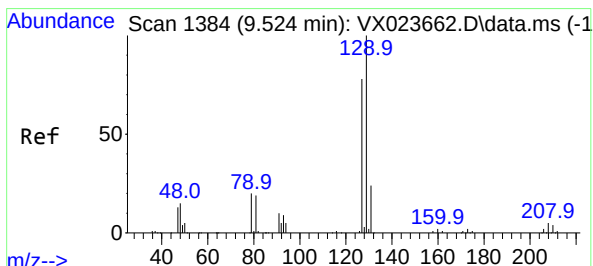
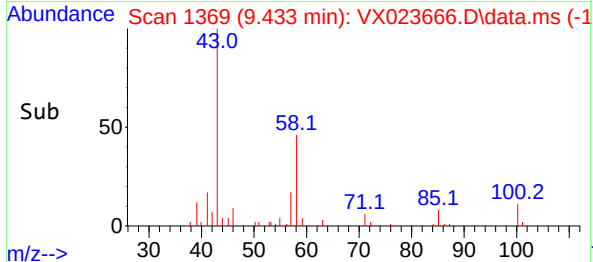
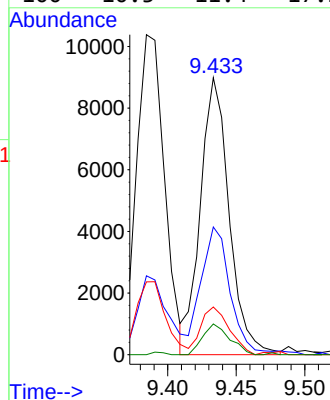
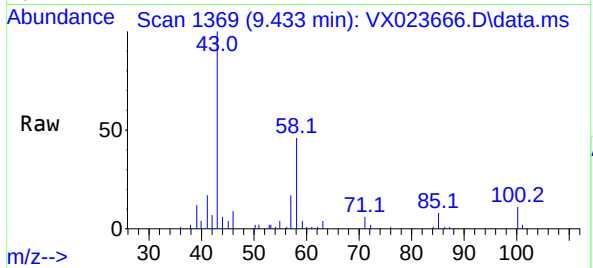
#48
2-Hexanone
Concen: 5.036 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:	43	Resp:	13156
Ion	Ratio	Lower	Upper
43	100		
58	43.5	50.1	75.1#
57	16.8	17.3	25.9#
100	10.3	11.4	17.2#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

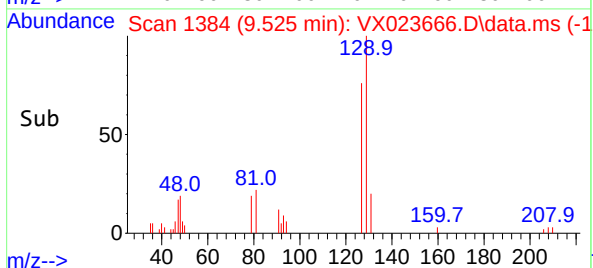
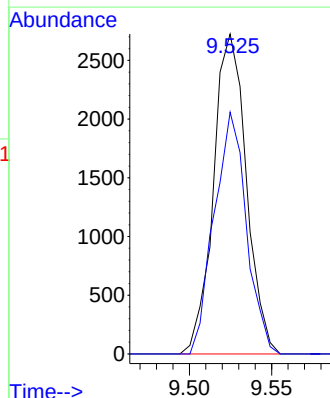
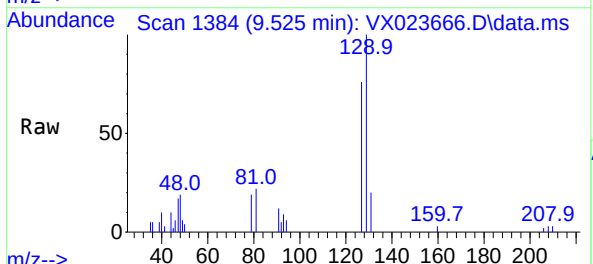
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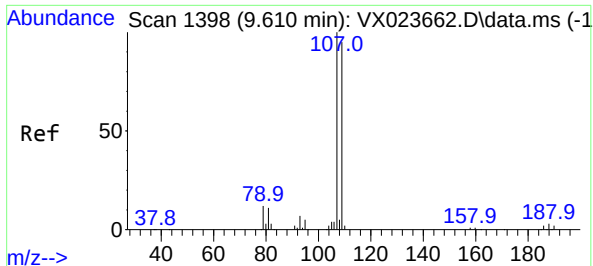
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#49
Dibromochloromethane
Concen: 1.842 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

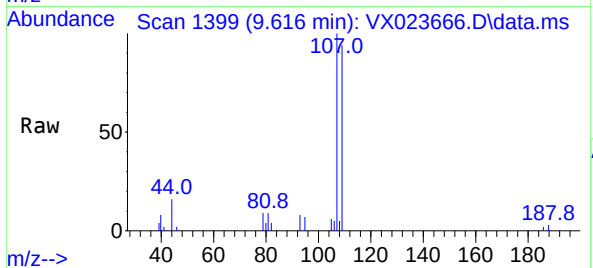
Tgt Ion:	129	Resp:	3790
Ion	Ratio	Lower	Upper
129	100		
127	75.6	52.5	97.5





#50
1,2-Dibromoethane
Concen: 2.075 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

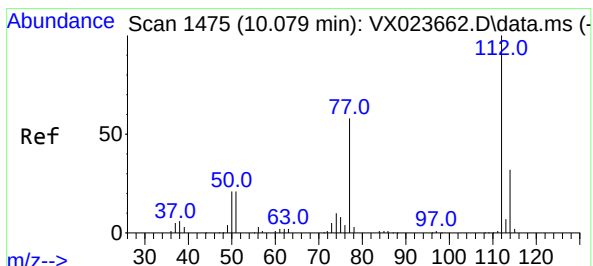
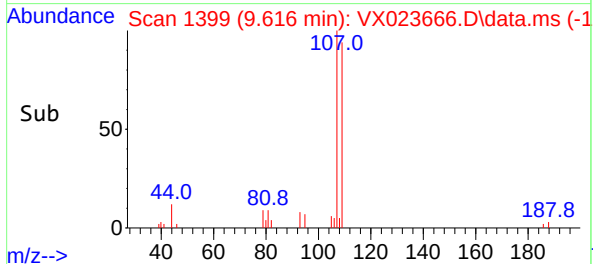
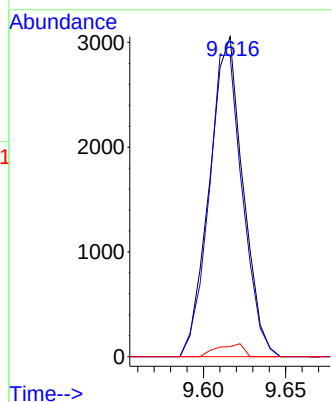
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



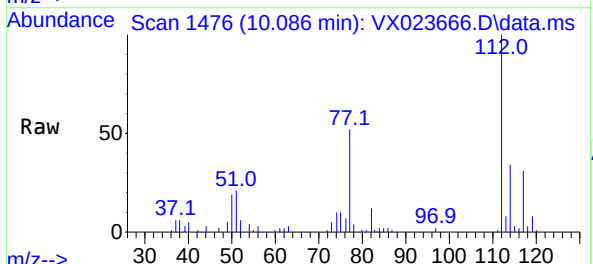
Tgt Ion:107 Resp: 4332
Ion Ratio Lower Upper
107 100
109 94.2 66.4 123.4
188 3.1 3.2 4.8#

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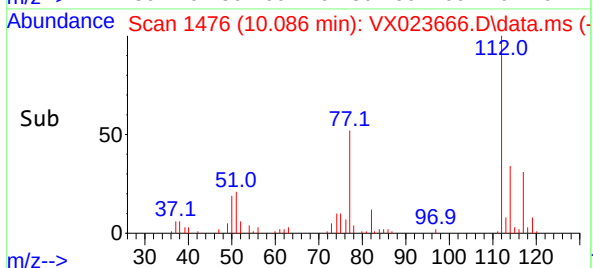
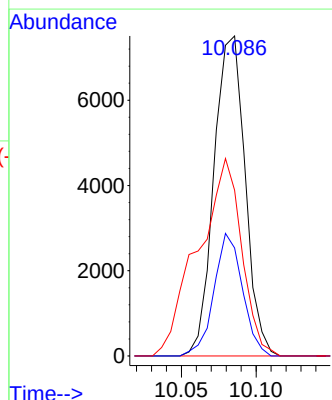
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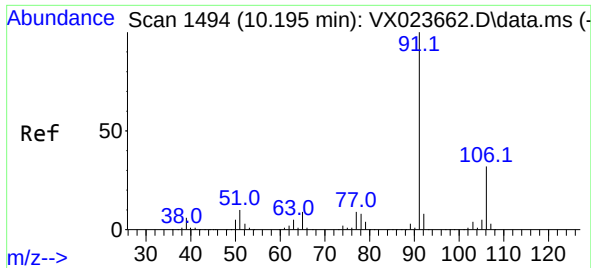


#51
Chlorobenzene
Concen: 2.022 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



Tgt Ion:112 Resp: 10899
Ion Ratio Lower Upper
112 100
114 33.7 23.2 43.2
77 51.8 48.4 72.6





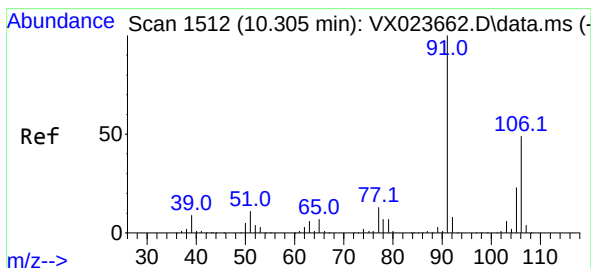
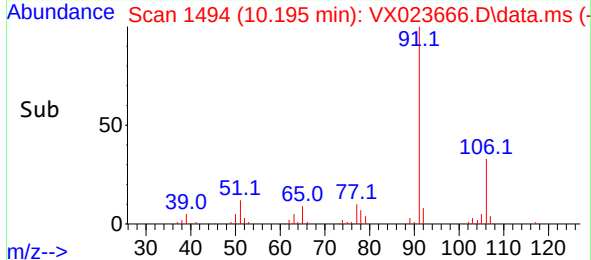
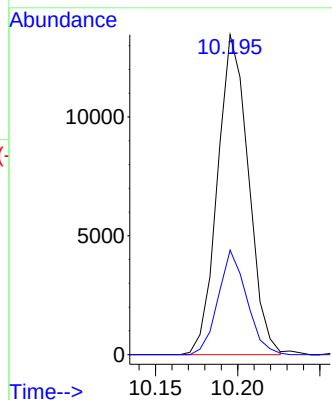
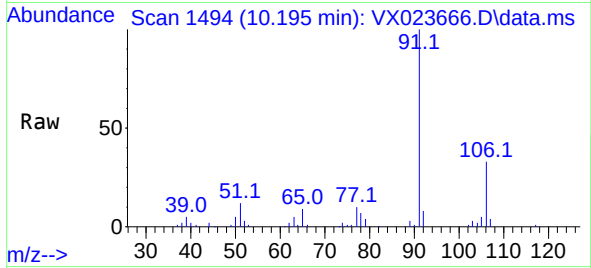
#52
Ethylbenzene
Concen: 1.984 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

Tgt Ion: 91 Resp: 17622
Ion Ratio Lower Upper
91 100
106 32.6 21.0 39.0

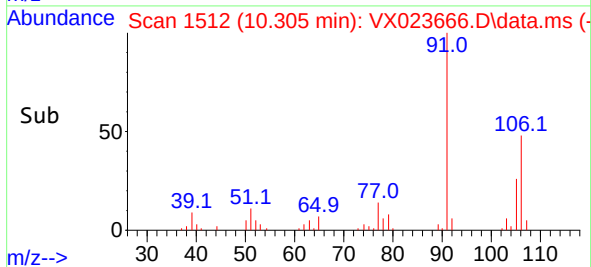
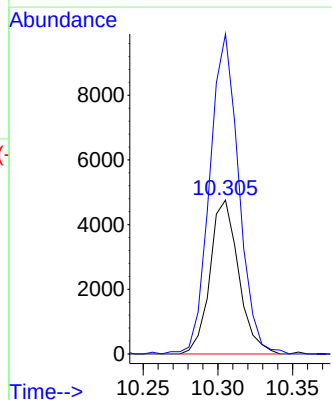
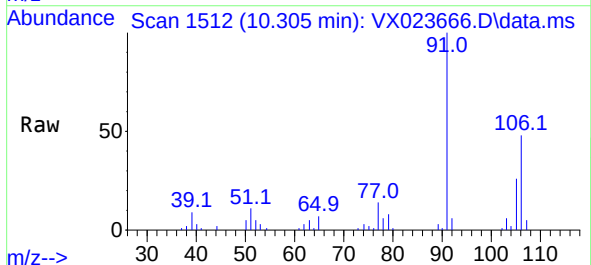
Manual Integrations
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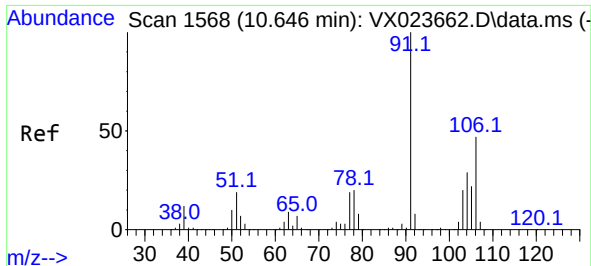
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#53
m,p-Xylene
Concen: 1.872 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion: 106 Resp: 6339
Ion Ratio Lower Upper
106 100
91 207.9 142.5 264.6





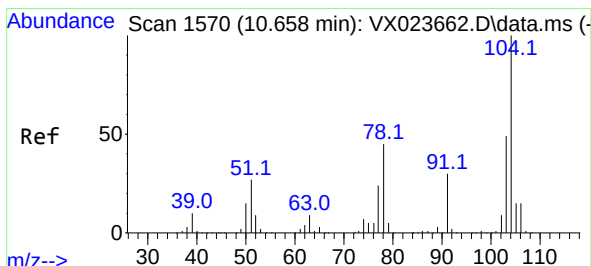
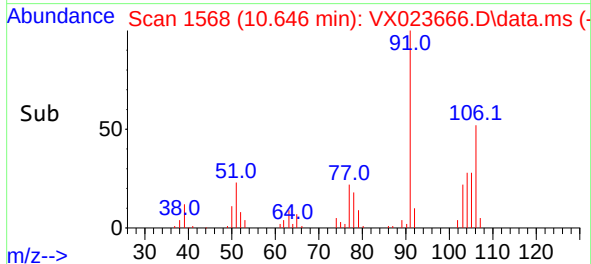
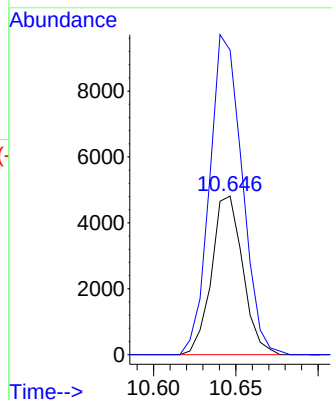
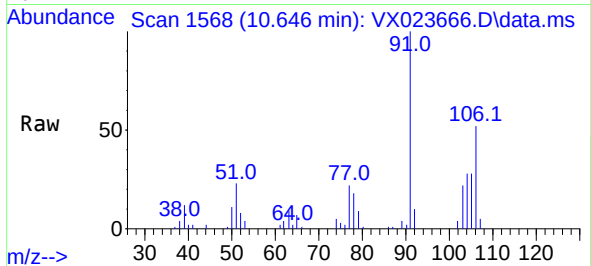
#54
o-Xylene
Concen: 1.883 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:106 Resp: 6351
Ion Ratio Lower Upper
106 100
91 192.0 156.2 290.0

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

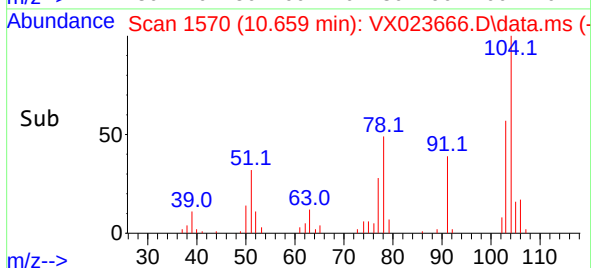
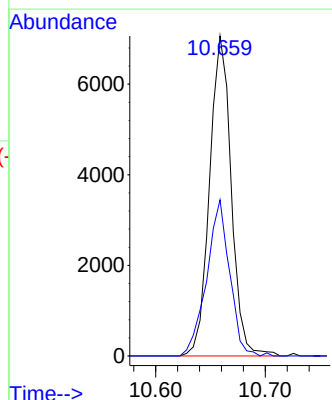
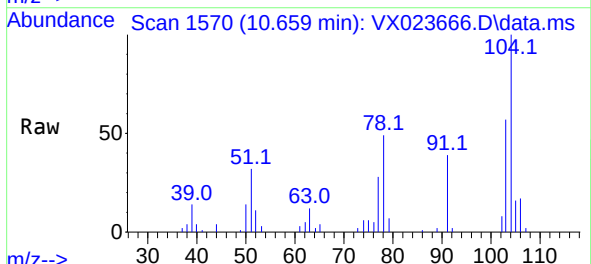
Manual Integrations
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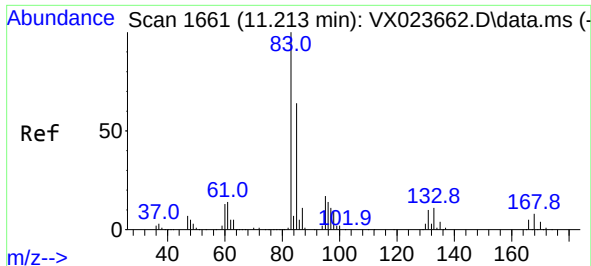
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#55
Styrene
Concen: 1.707 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

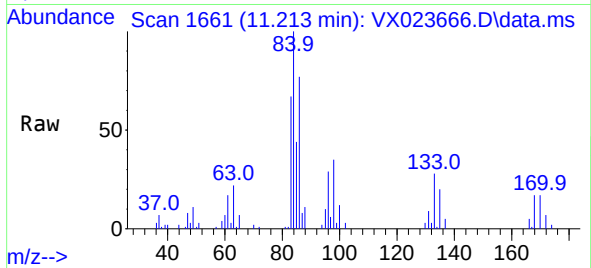
Tgt Ion:104 Resp: 9700
Ion Ratio Lower Upper
104 100
78 48.8 30.0 55.6





#57
1,1,2,2-Tetrachloroethane
Concen: 2.400 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

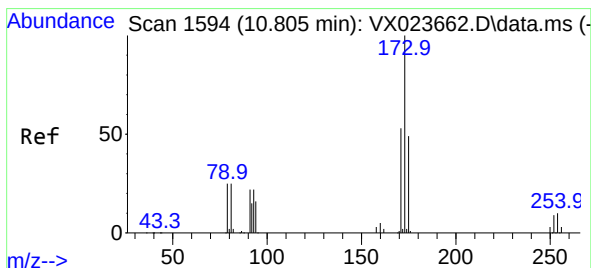
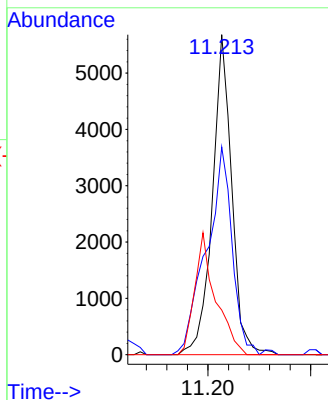
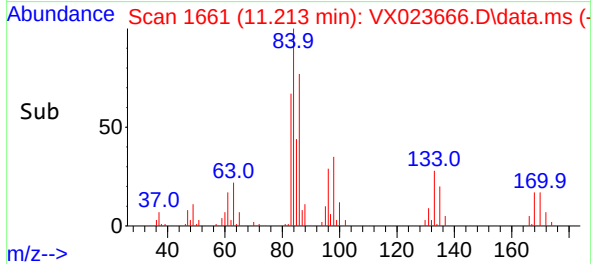
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



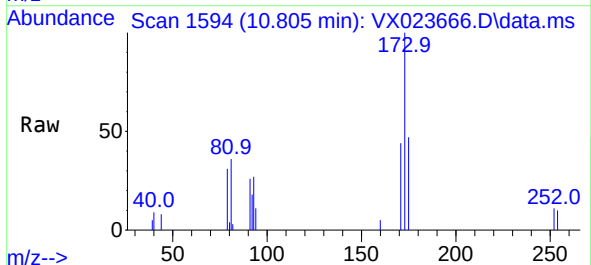
Tgt Ion: 83 Resp: 7440
Ion Ratio Lower Upper
83 100
85 64.9 44.7 82.9
131 14.0 7.8 11.8#

Manual Integrations
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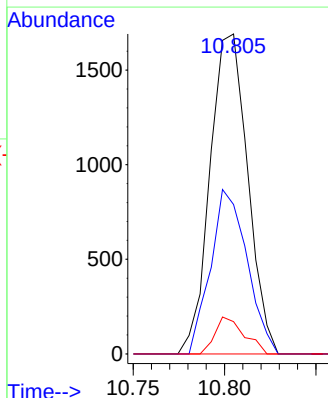
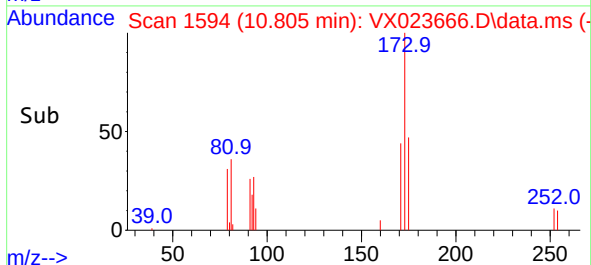
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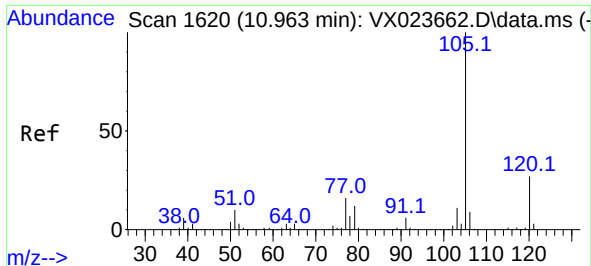


#59
Bromoform
Concen: 1.847 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

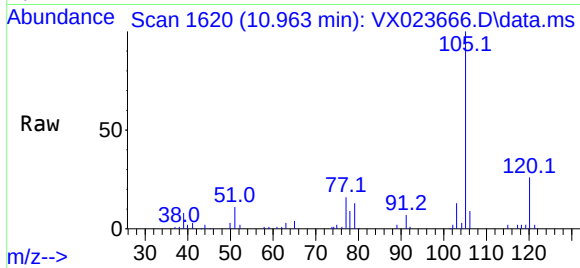


Tgt Ion: 173 Resp: 2427
Ion Ratio Lower Upper
173 100
175 49.8 39.4 59.2
254 8.9 8.6 13.0

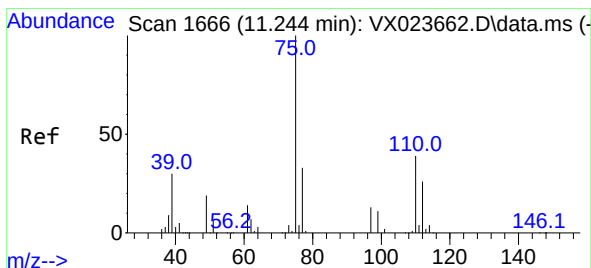
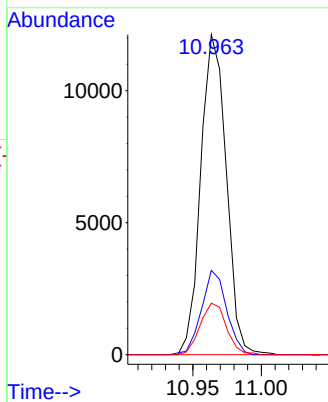
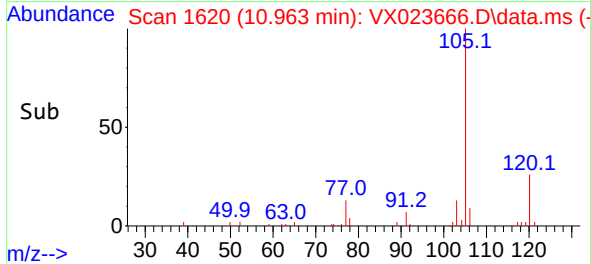




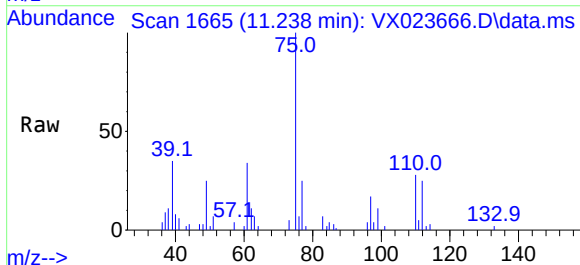
#60
Isopropylbenzene
Concen: 1.887 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



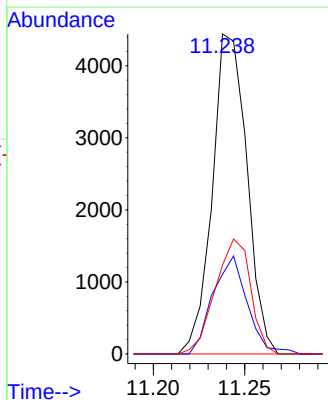
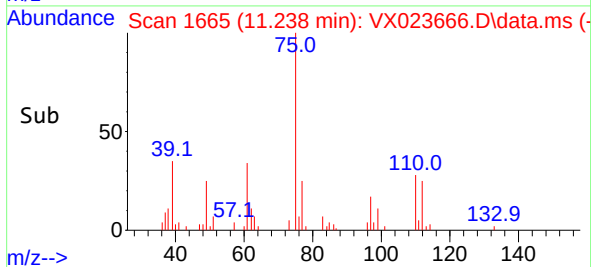
Tgt Ion: 105 Resp: 15694
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 16.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 2.372 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



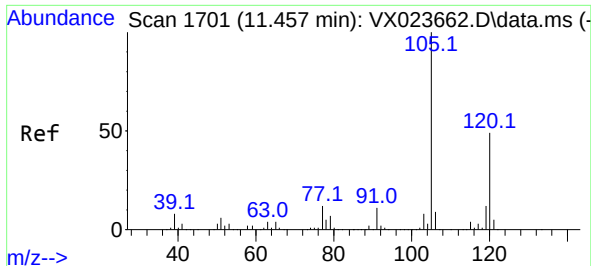
Tgt Ion: 75 Resp: 5847
Ion Ratio Lower Upper
75 100
77 30.2 26.2 39.2
110 36.7 31.8 47.8



Instrument :
MSVOA_X
ClientSampleId :
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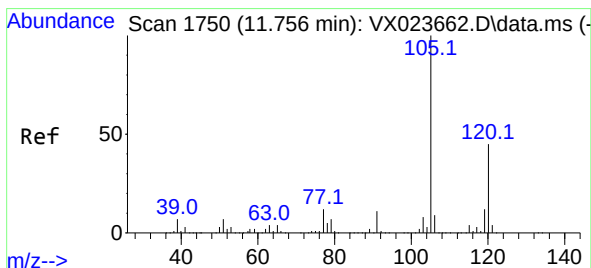
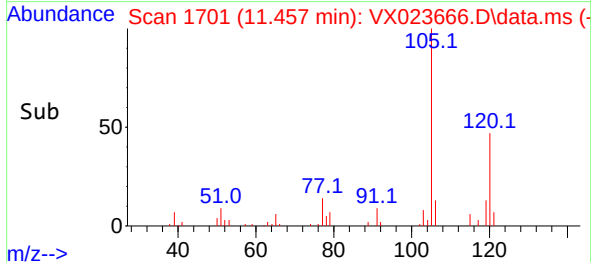
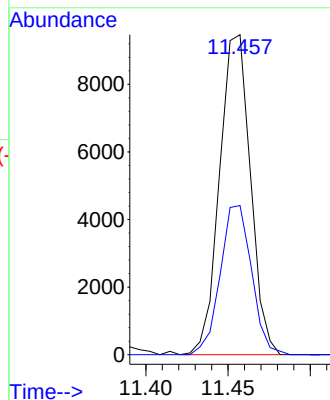
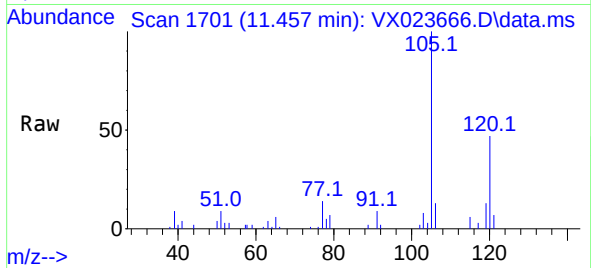
#62
1,3,5-Trimethylbenzene
Concen: 1.840 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:105 Resp: 12379
Ion Ratio Lower Upper
105 100
120 47.4 38.0 57.0

Instrument :
MSVOA_X
ClientSampleId :
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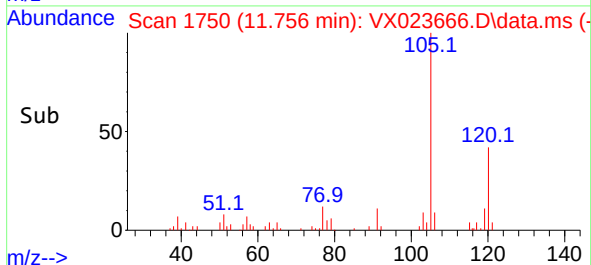
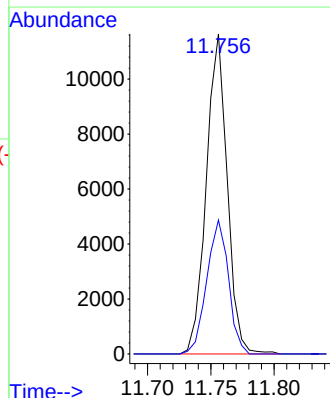
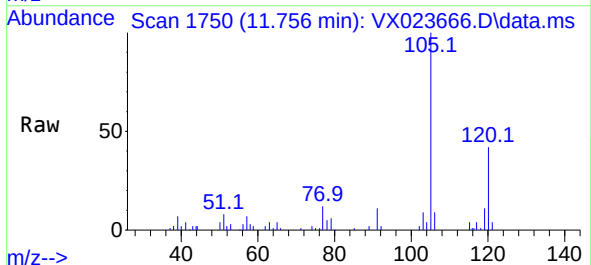
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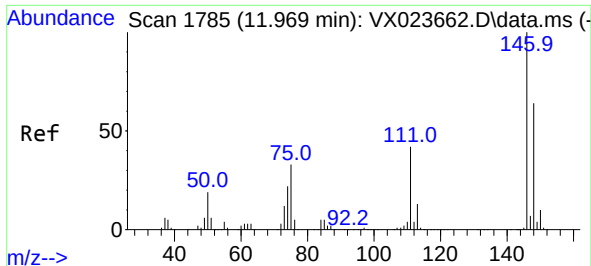
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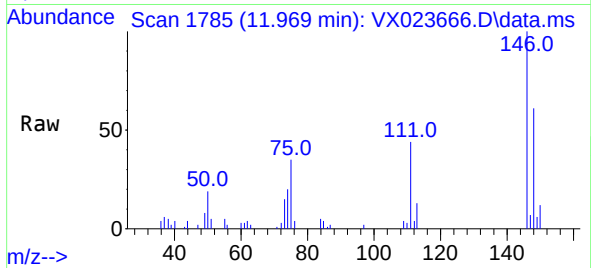
#63
1,2,4-Trimethylbenzene
Concen: 1.961 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

Tgt Ion:105 Resp: 13418
Ion Ratio Lower Upper
105 100
120 43.3 36.4 54.6

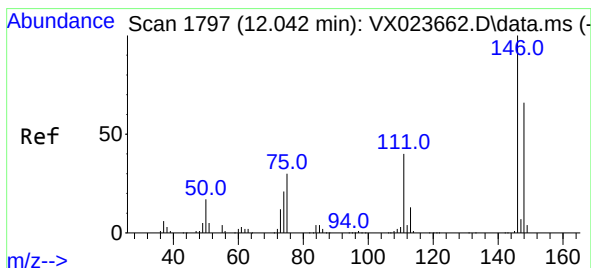
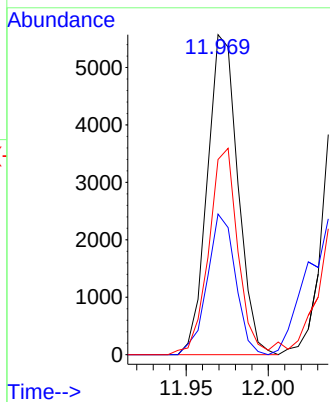
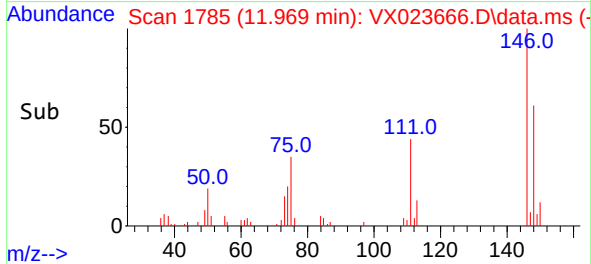




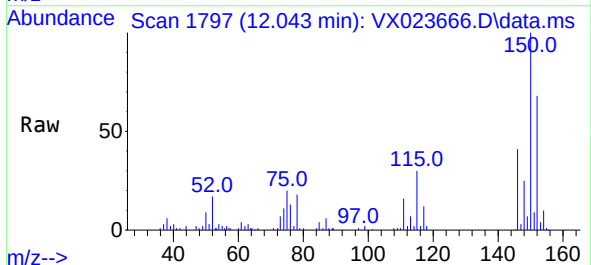
#64
1,3-Dichlorobenzene
Concen: 1.984 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



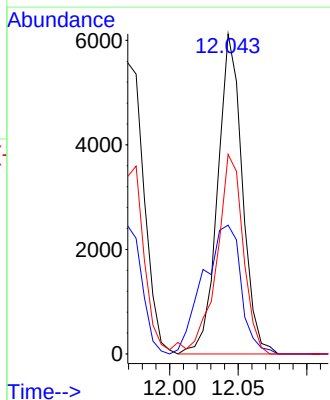
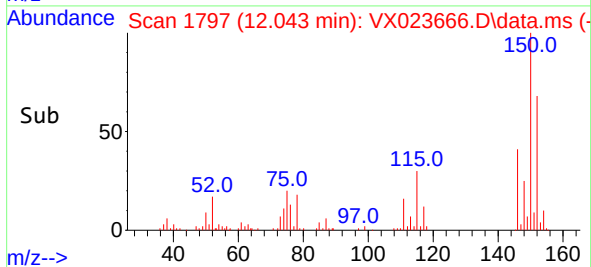
Tgt Ion:146 Resp: 7206
Ion Ratio Lower Upper
146 100
111 44.0 28.9 53.7
148 61.0 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 2.116 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



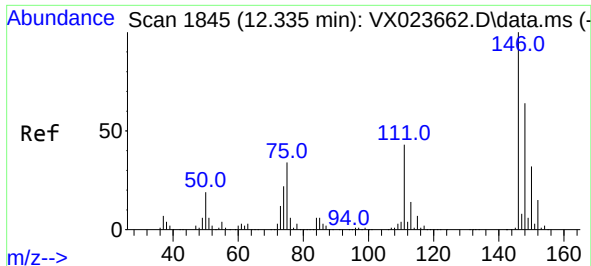
Tgt Ion:146 Resp: 7653
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 62.3 45.8 85.2



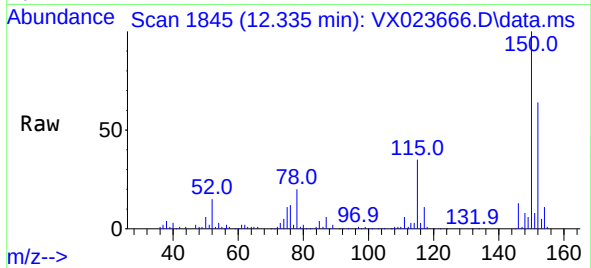
Instrument :
MSVOA_X
ClientSampleId :
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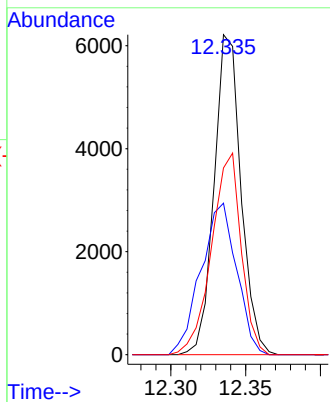
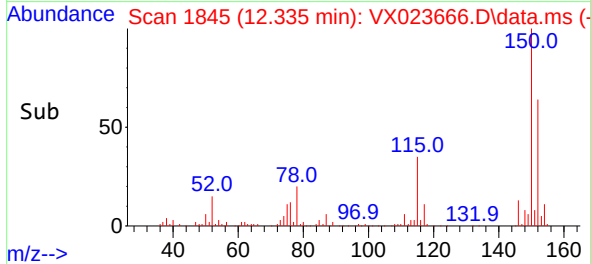
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#67
1,2-Dichlorobenzene
Concen: 2.177 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



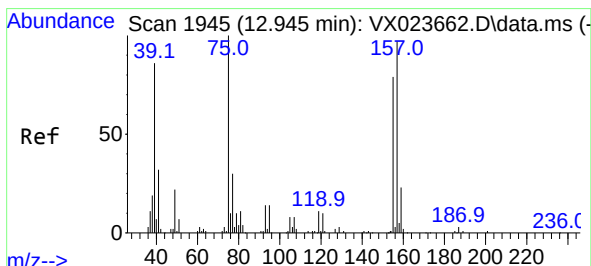
Tgt Ion: 146 Resp: 7764
Ion Ratio Lower Upper
146 100
111 47.4 33.8 50.8
148 58.3 51.4 77.2



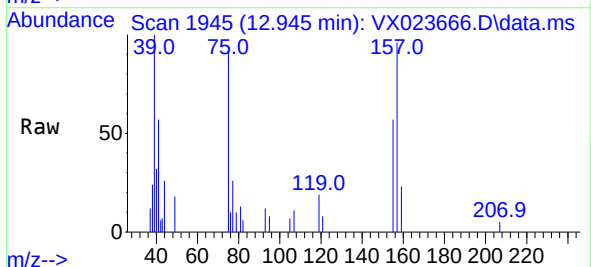
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

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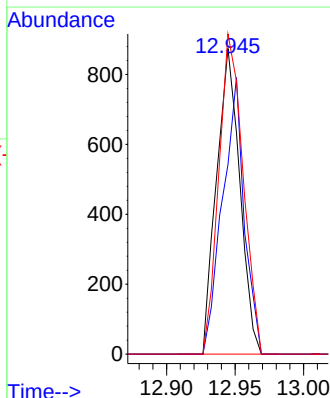
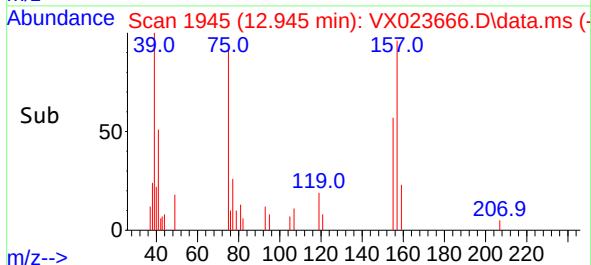
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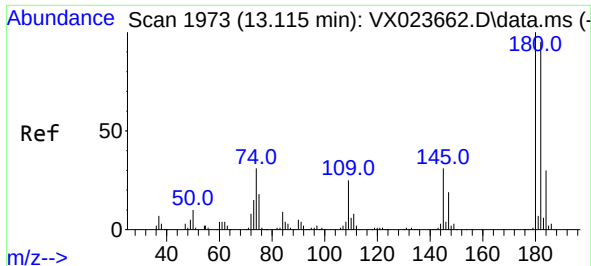


#68
1,2-Dibromo-3-chloropropane
Concen: 1.795 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



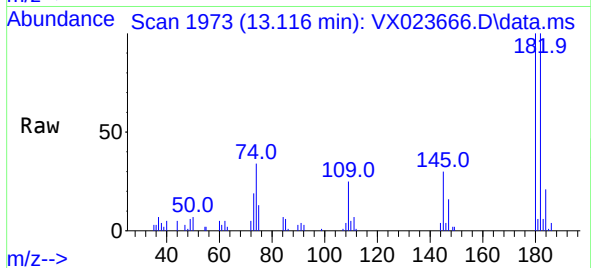
Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
155 61.9 65.3 97.9#
157 104.7 80.5 120.7





#69
1,3,5-Trichlorobenzene
Concen: 1.916 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

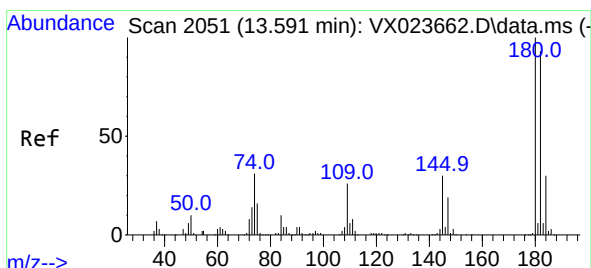
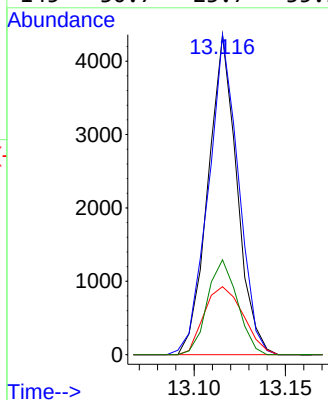
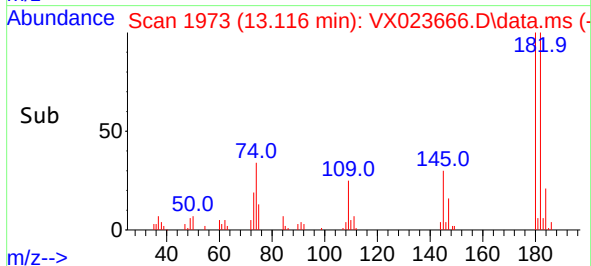
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



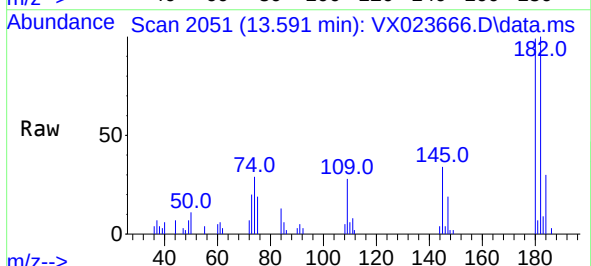
Tgt Ion:180 Resp: 4804
Ion Ratio Lower Upper
180 100
182 103.9 74.8 112.2
184 28.7 24.1 36.1
145 30.7 23.7 35.5

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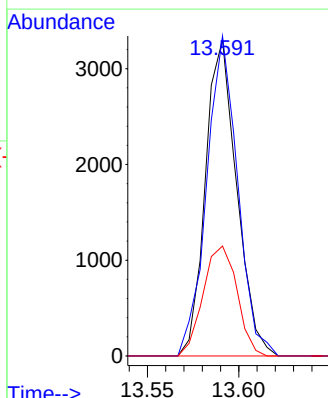
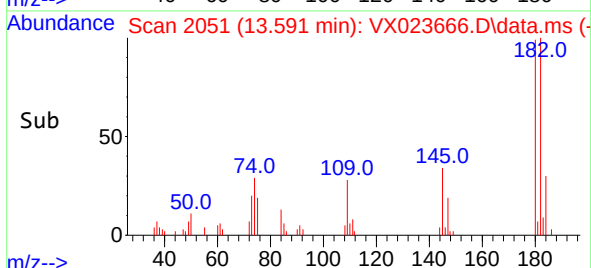
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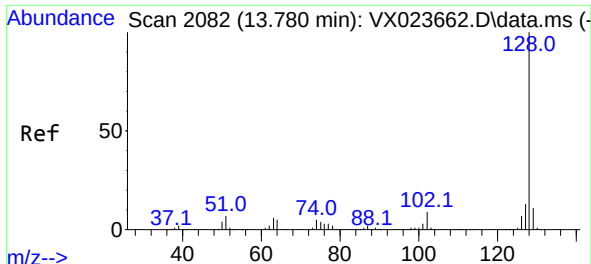


#70
1,2,4-trichlorobenzene
Concen: 1.819 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48

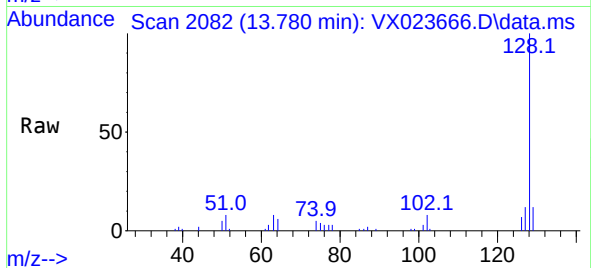


Tgt Ion:180 Resp: 3929
Ion Ratio Lower Upper
180 100
182 100.2 74.3 111.5
145 37.6 24.1 36.1#

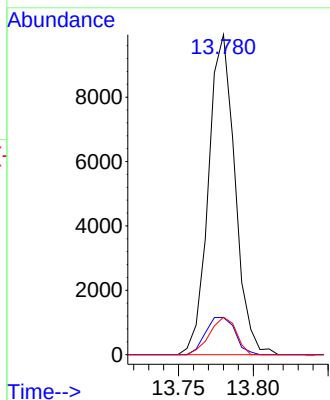
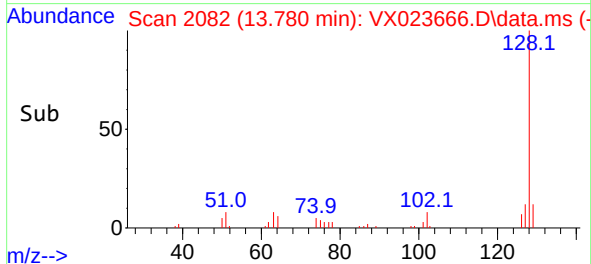




#71
Naphthalene
Concen: 1.637 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



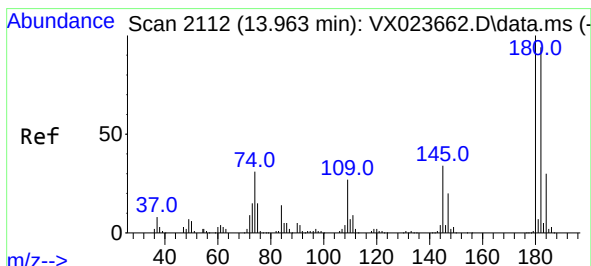
Tgt Ion:128 Resp: 12257
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.7 8.6 13.0



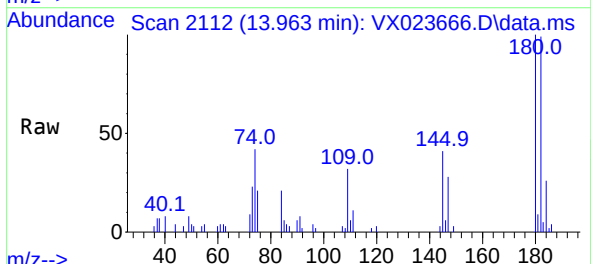
Instrument :
MSVOA_X
ClientSampleId :
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#72
1,2,3-Trichlorobenzene
Concen: 1.740 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023666.D
Acq: 12 Aug 2021 11:48



Tgt Ion:180 Resp: 3872
Ion Ratio Lower Upper
180 100
182 93.5 74.6 112.0
145 36.0 25.6 38.4

