

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082121\
 Data File : VX023870.D
 Acq On : 20 Aug 2021 11:19
 Operator : JC/MD
 Sample : M3263-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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Quant Time: Aug 21 04:11:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 21 04:11:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	115455	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	106622	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	21283	4.718	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.672	69	28147	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.312	63	48946	3.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.464	46	90509	49.478	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.068	84	78674	5.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.964	65	41290	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.982	84	154931	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	7.317	67	48872	5.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	8.653	98	140850	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.951	79	12846	4.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	9.390	63	71276	50.229	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32920	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	52116	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	2584	0.229	ug/L	96
3) Chloromethane	1.294	50	2022	0.219	ug/L	87
5) Vinyl chloride	1.373	62	2003	0.211	ug/L #	73
6) Bromomethane	1.623	94	1486	0.249	ug/L	92
8) Chloroethane	1.697	64	1352	0.235	ug/L	87
9) Trichlorofluoromethane	1.892	101	3210	0.218	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	2229	0.277	ug/L	87
12) 1,1-Dichloroethene	2.318	96	1933	0.253	ug/L #	1
13) Acetone	2.392	43	2627	2.306	ug/L	87
14) Carbon disulfide	2.520	76	4576	0.223	ug/L #	92
15) Methyl Acetate	2.709	43	769	0.254	ug/L #	83
16) Methylene chloride	2.794	84	5981	0.592	ug/L	86
17) Methyl tert-butyl Ether	3.123	73	3335	0.196	ug/L #	83
18) trans-1,2-Dichloroethene	3.099	96	1654	0.210	ug/L	89
19) 1,1-Dichloroethane	3.629	63	3156	0.223	ug/L #	86
21) 2-Butanone	4.574	43	3959	2.078	ug/L	77
22) cis-1,2-Dichloroethene	4.507	96	1974	0.233	ug/L	86
23) Bromochloromethane	4.909	128	871	0.239	ug/L #	94
25) Chloroform	5.111	83	5380	0.355	ug/L	96

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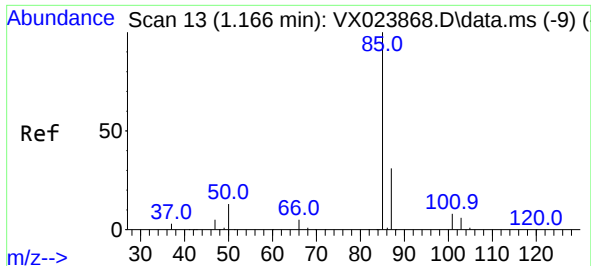
Manual Integrations
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Quant Time: Aug 21 04:11:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 21 04:11:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.110	62	2124	0.229	ug/L #	73
29) 1,1,1-Trichloroethane	5.379	97	2617	0.203	ug/L	95
30) Cyclohexane	5.470	56	2584	0.200	ug/L	94
31) Carbon tetrachloride	5.690	117	2028	0.183	ug/L #	79
33) Benzene	6.049	78	6686	0.210	ug/L	100
34) Trichloroethene	7.135	95	1977	0.227	ug/L	92
35) Methylcyclohexane	7.385	83	2696	0.200	ug/L	97
37) 1,2-Dichloropropane	7.439	63	1827	0.231	ug/L #	89
38) Bromodichloromethane	7.824	83	1979	0.213	ug/L #	91
39) cis-1,3-Dichloropropene	8.366	75	2163	0.201	ug/L #	68
40) 4-Methyl-2-pentanone	8.579	43	8462	1.843	ug/L #	79
42) Toluene	8.720	91	9416	0.274	ug/L	93
44) trans-1,3-Dichloropropene	8.988	75	1766m	0.199	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	1099	0.203	ug/L	93
47) Tetrachloroethene	9.281	164	1457	0.208	ug/L	90
48) 2-Hexanone	9.439	43	7090	2.152	ug/L #	89
49) Dibromochloromethane	9.531	129	1125	0.194	ug/L	94
50) 1,2-Dibromoethane	9.616	107	989	0.198	ug/L #	88
51) Chlorobenzene	10.085	112	4643	0.208	ug/L	95
52) Ethylbenzene	10.195	91	7144	0.194	ug/L	91
53) m,p-xylene	10.305	106	2804	0.192	ug/L	93
54) o-xylene	10.646	106	2605	0.186	ug/L	97
55) Styrene	10.658	104	4311	0.185	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.219	83	1346	0.220	ug/L #	86
59) Bromoform	10.805	173	480	0.171	ug/L #	87
60) Isopropylbenzene	10.963	105	6700	0.187	ug/L #	95
61) 1,2,3-Trichloropropane	11.244	75	975	0.224	ug/L	94
62) 1,3,5-Trimethylbenzene	11.451	105	5437	0.185	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	5565	0.186	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	3744	0.223	ug/L	88
65) 1,4-Dichlorobenzene	12.042	146	3632	0.216	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	3432	0.223	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.951	75	131	0.153	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.115	180	2653	0.211	ug/L	99
70) 1,2,4-trichlorobenzene	13.597	180	1973	0.197	ug/L	93
71) Naphthalene	13.780	128	2760	0.163	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1933	0.210	ug/L	87

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



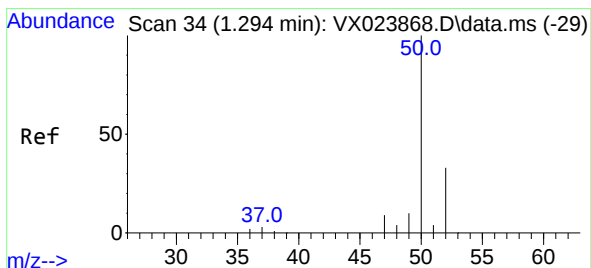
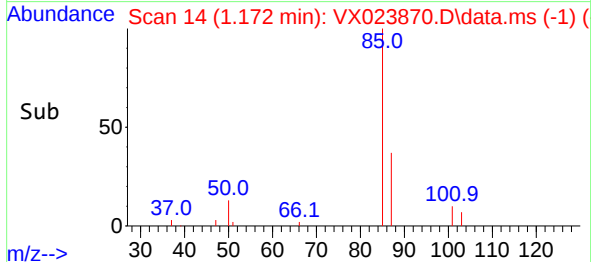
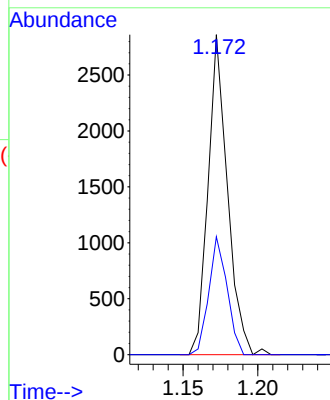
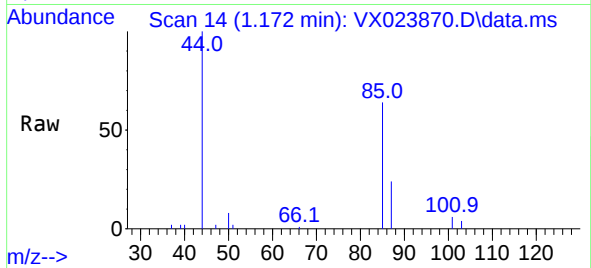
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Dichlorodifluoromethane
Concen: 0.229 ug/L
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 85 Resp: 2584
Ion Ratio Lower Upper
85 100
87 34.7 25.8 38.8

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

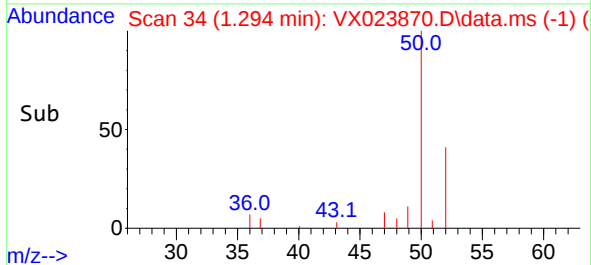
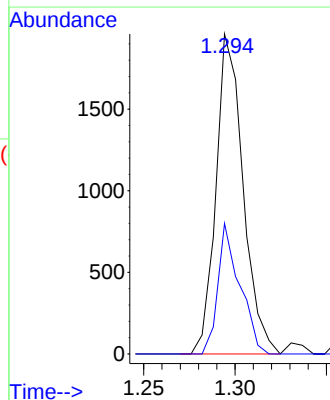
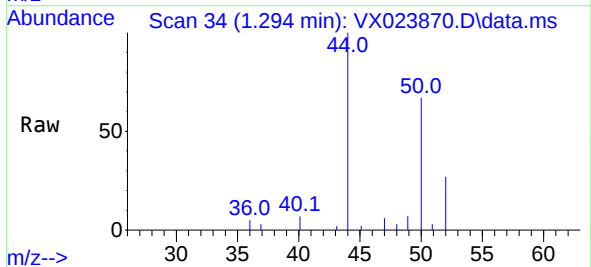
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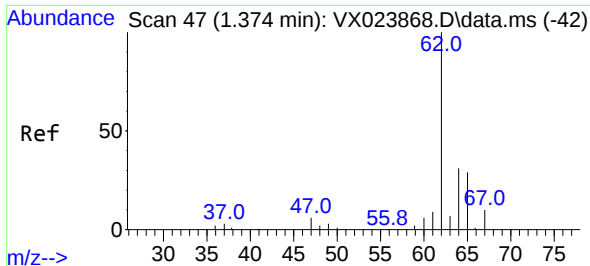
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#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 50 Resp: 2022
Ion Ratio Lower Upper
50 100
52 40.8 23.5 43.7





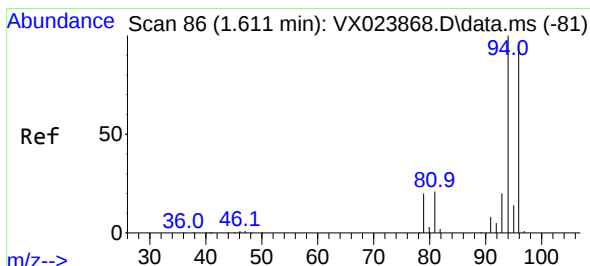
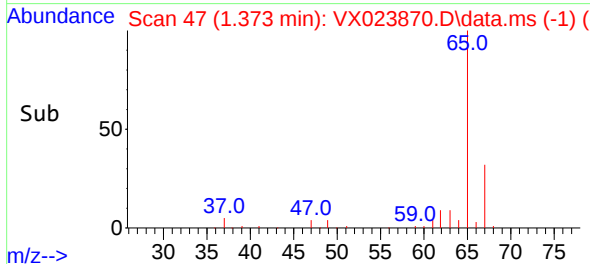
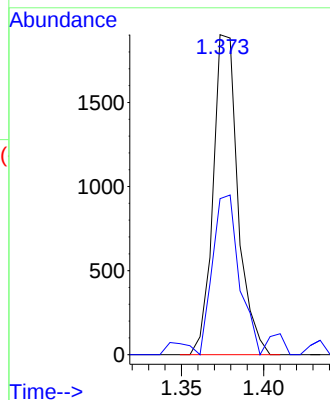
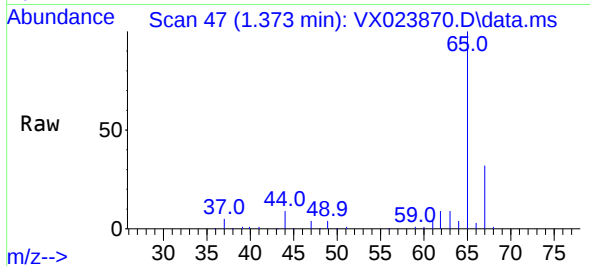
#5
 Vinyl chloride
 Concen: 0.211 ug/L
 RT: 1.373 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX023870.D
 Acq: 20 Aug 2021 11:19

Tgt Ion: 62 Resp: 2003
 Ion Ratio Lower Upper
 62 100
 64 48.8 23.2 43.2#

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

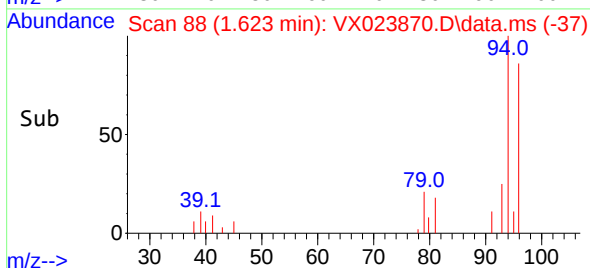
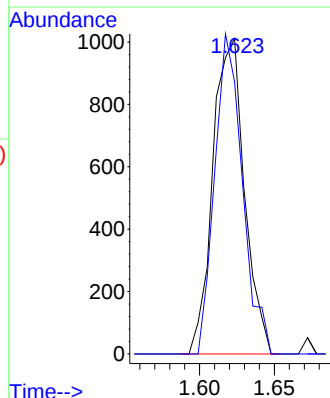
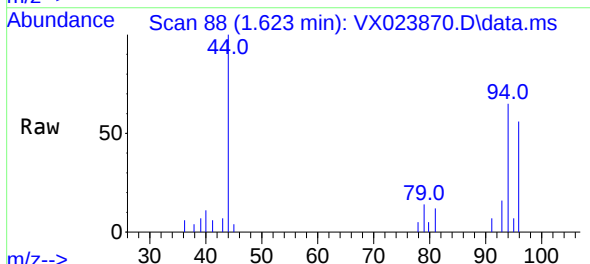
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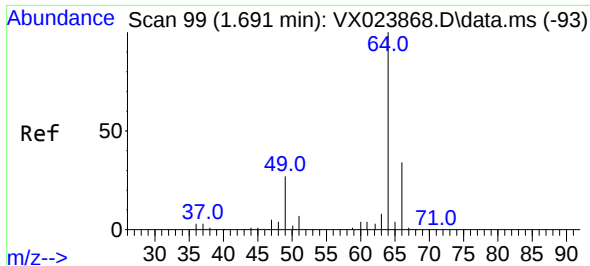
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#6
 Bromomethane
 Concen: 0.249 ug/L
 RT: 1.623 min Scan# 88
 Delta R.T. 0.012 min
 Lab File: VX023870.D
 Acq: 20 Aug 2021 11:19

Tgt Ion: 94 Resp: 1486
 Ion Ratio Lower Upper
 94 100
 96 86.3 65.7 121.9





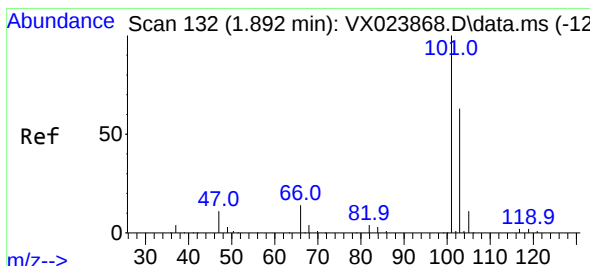
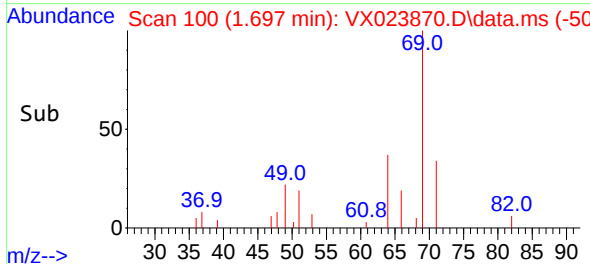
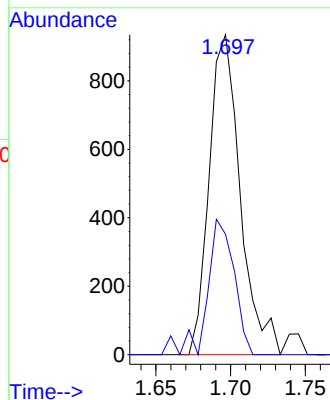
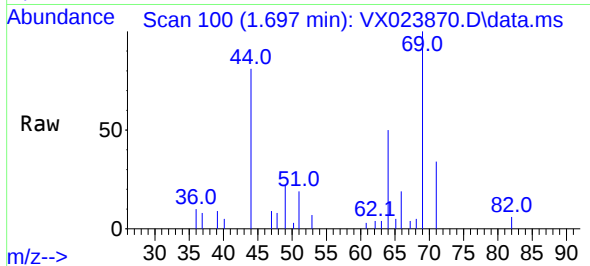
#8
Chloroethane
Concen: 0.235 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 64 Resp: 1352
Ion Ratio Lower Upper
64 100
66 37.6 21.4 39.8

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

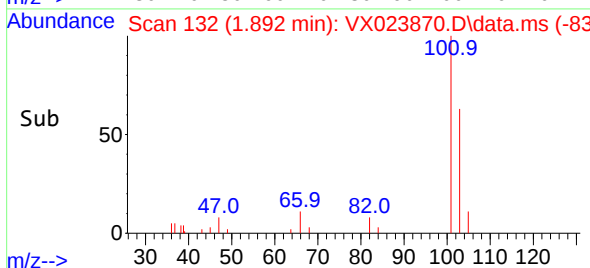
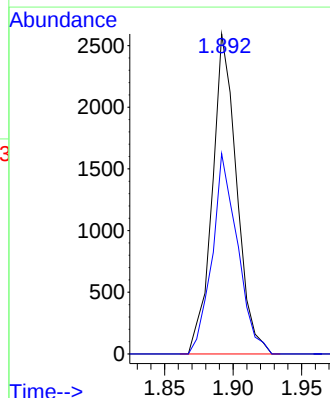
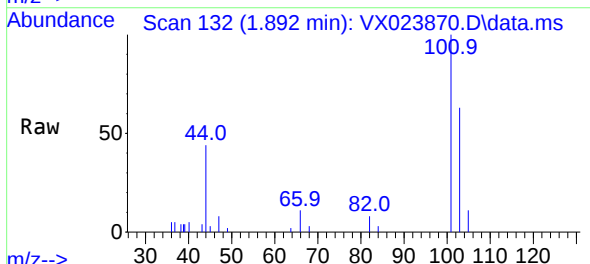
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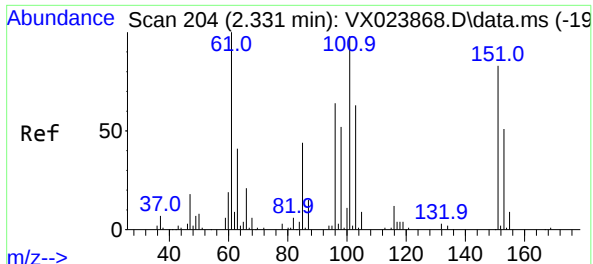
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#9
Trichlorofluoromethane
Concen: 0.218 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 101 Resp: 3210
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.6





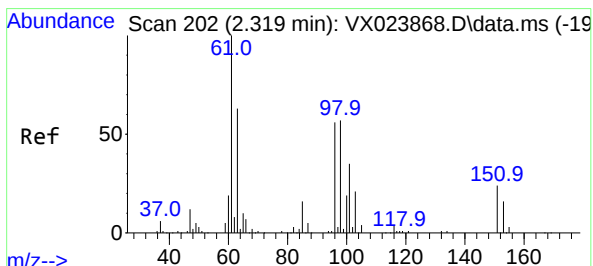
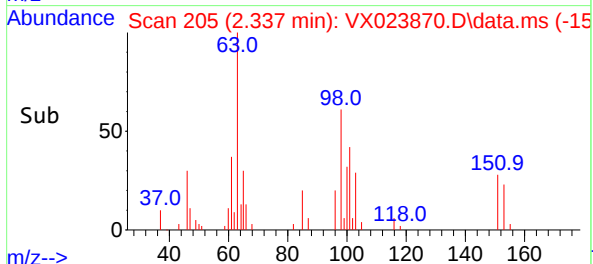
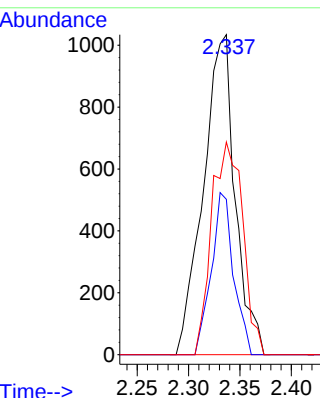
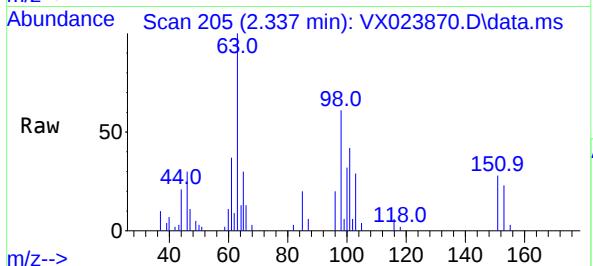
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.277 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:101 Resp: 2229
Ion Ratio Lower Upper
101 100
85 35.4 34.9 52.3
151 64.8 61.0 91.6

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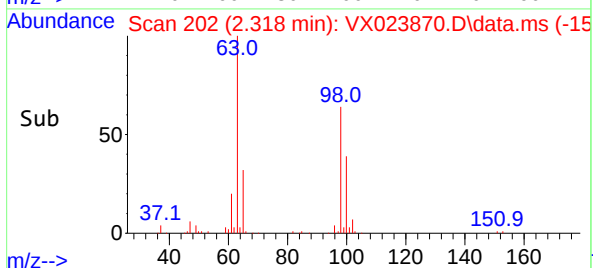
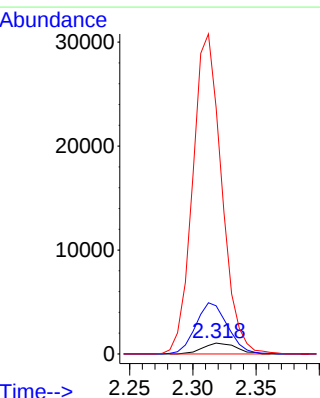
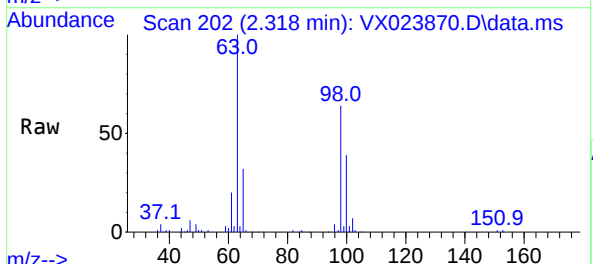
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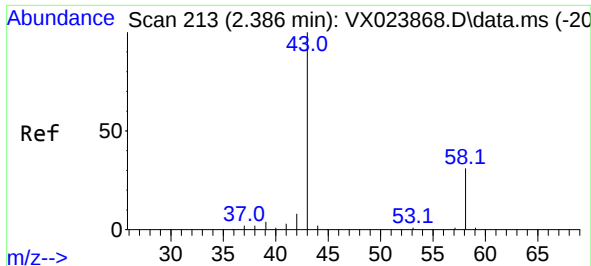
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#12
1,1-Dichloroethene
Concen: 0.253 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 96 Resp: 1933
Ion Ratio Lower Upper
96 100
61 439.6 118.2 219.6#
63 2249.0 74.2 137.8#





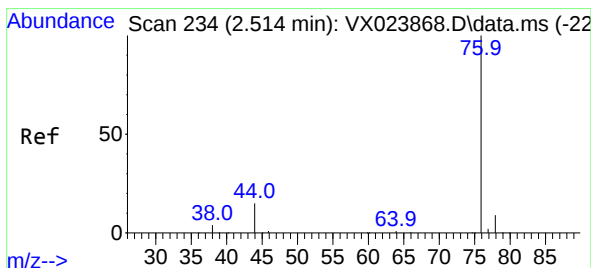
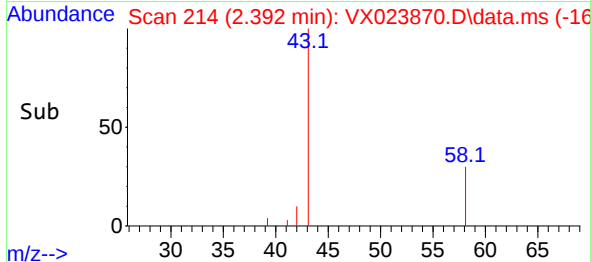
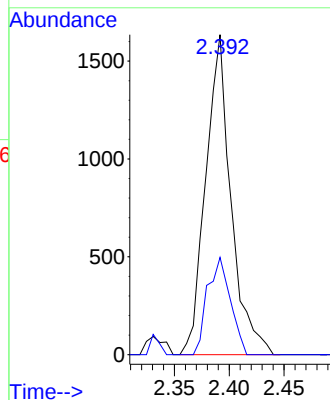
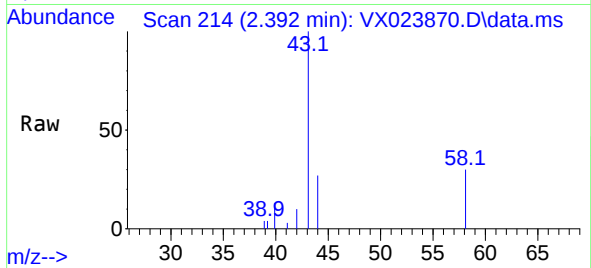
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Acetone
Concen: 2.306 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
58 27.5 0.0 70.4

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

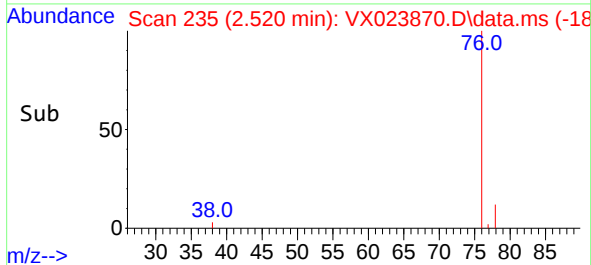
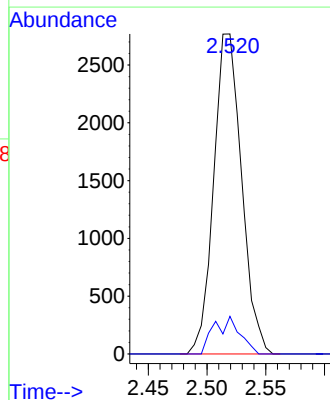
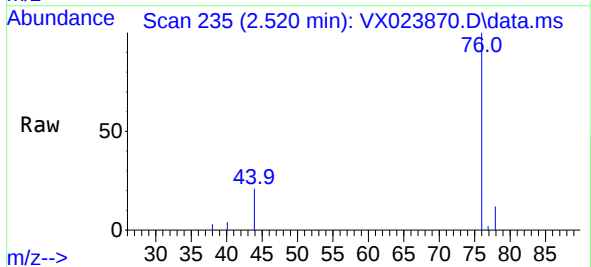
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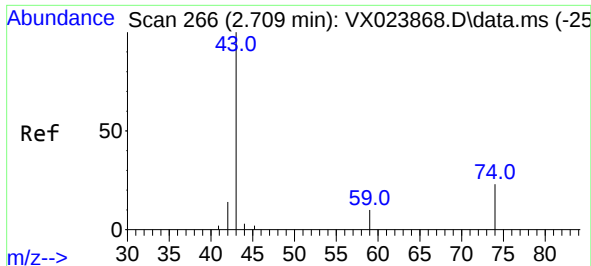
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#14
Carbon disulfide
Concen: 0.223 ug/L
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 76 Resp: 4576
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.6#





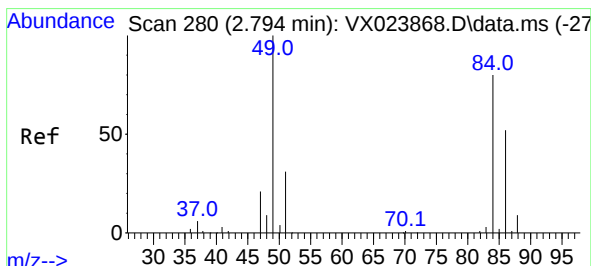
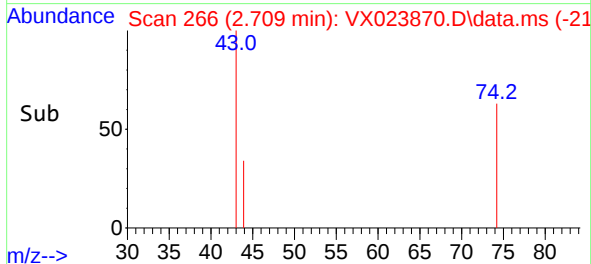
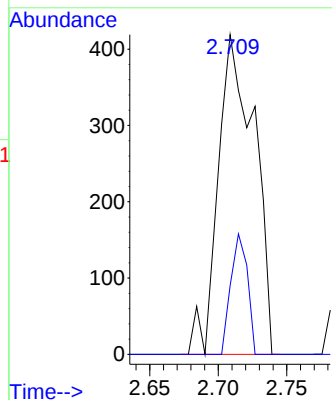
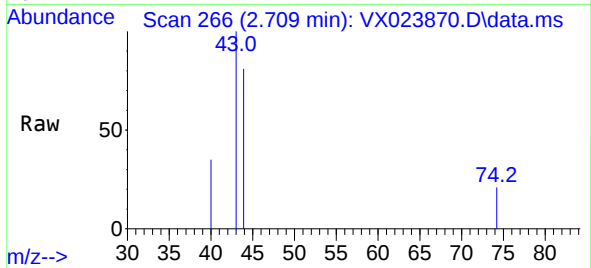
#15
Methyl Acetate
Concen: 0.254 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
74 17.4 21.1 31.7#

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

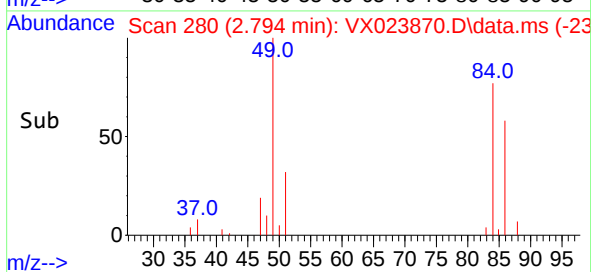
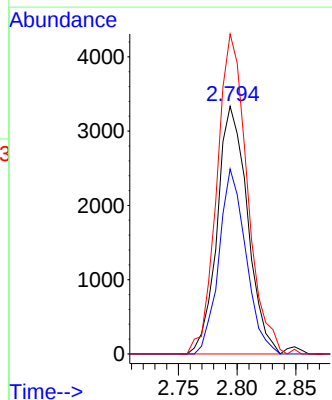
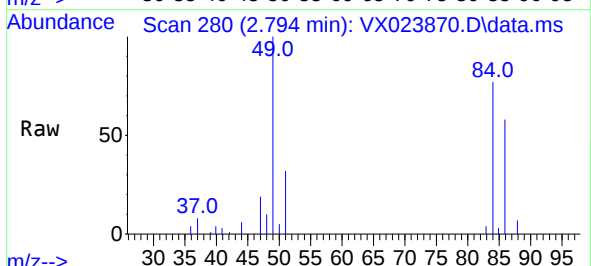
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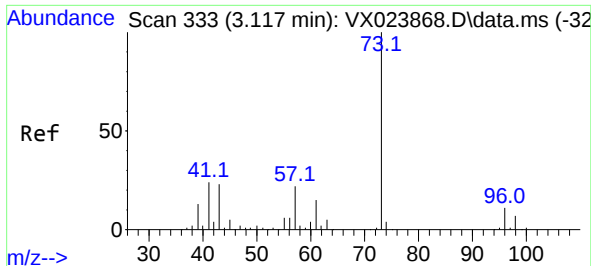
MMDadoda
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#16
Methylene chloride
Concen: 0.592 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 84 Resp: 5981
Ion Ratio Lower Upper
84 100
86 74.7 44.6 82.8
49 129.2 79.5 147.6





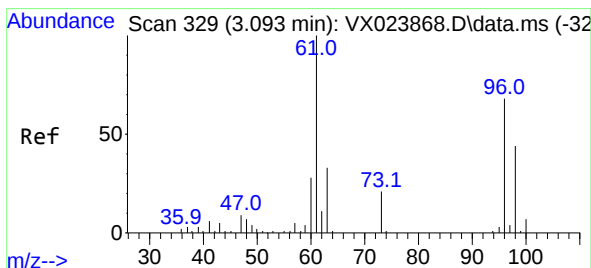
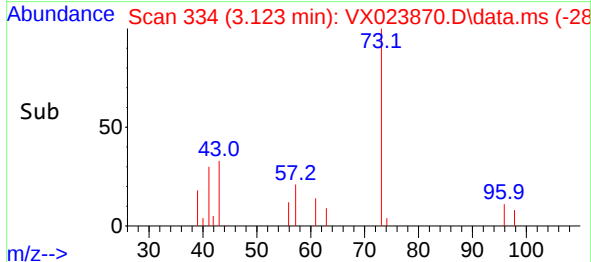
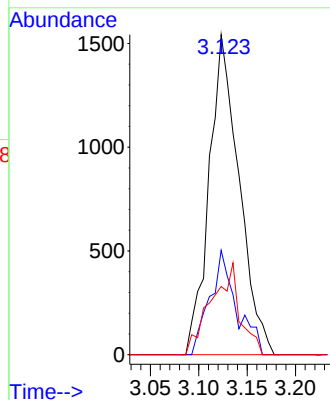
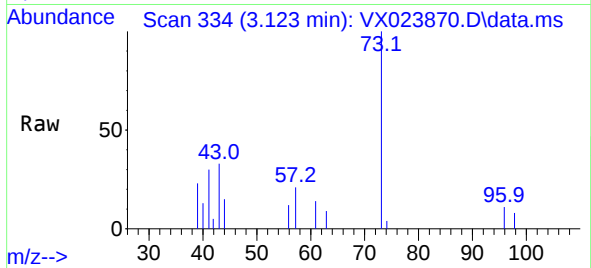
#17
Methyl tert-butyl Ether
Concen: 0.196 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 73 Resp: 3335
Ion Ratio Lower Upper
73 100
43 29.0 15.1 22.7#
57 27.3 17.4 26.2#

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

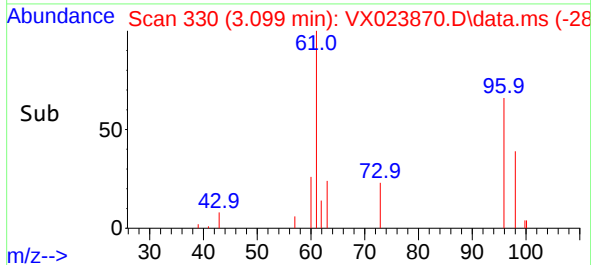
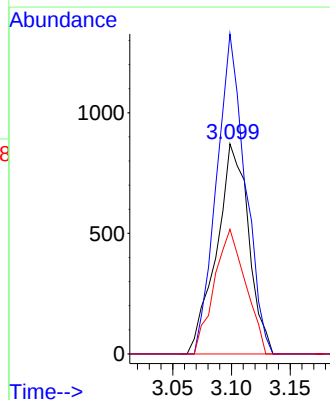
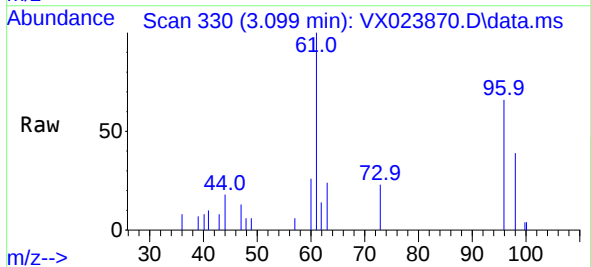
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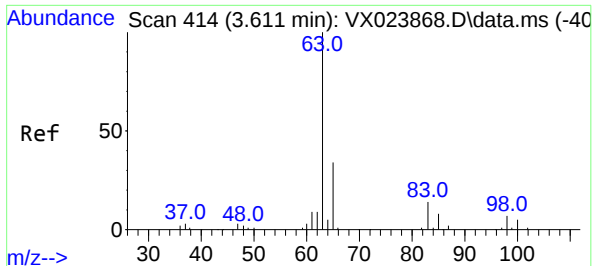
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#18
trans-1,2-Dichloroethene
Concen: 0.210 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 96 Resp: 1654
Ion Ratio Lower Upper
96 100
61 152.4 95.4 177.2
98 59.4 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.223 ug/L

RT: 3.629 min Scan# 417

Delta R.T. 0.018 min

Lab File: VX023870.D

Acq: 20 Aug 2021 11:19

Tgt Ion:	63	Resp:	3156
Ion	Ratio	Lower	Upper
63	100		
65	21.4	21.8	40.6#
83	11.7	9.6	17.8

Instrument :

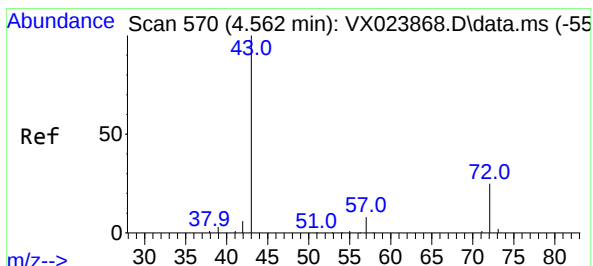
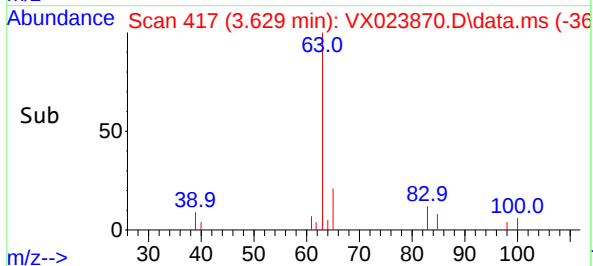
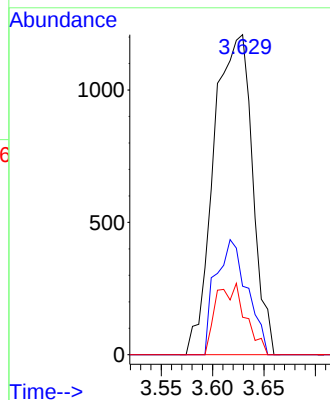
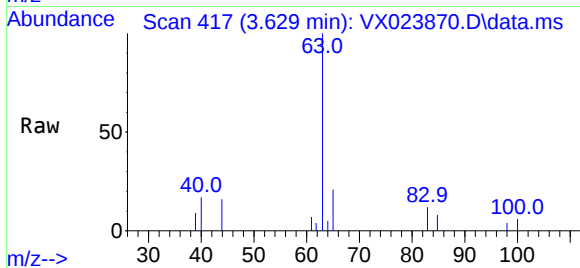
MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2021-08

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8/24/2021 4:26:34 PM



#21

2-Butanone

Concen: 2.078 ug/L

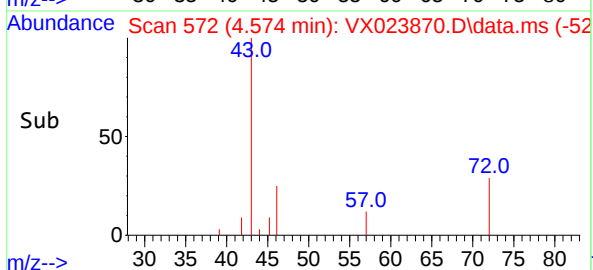
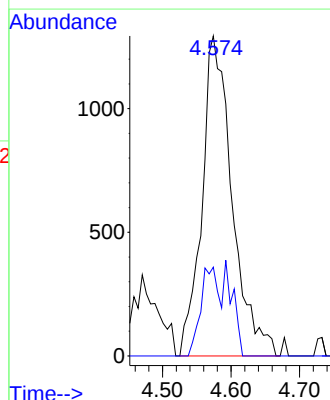
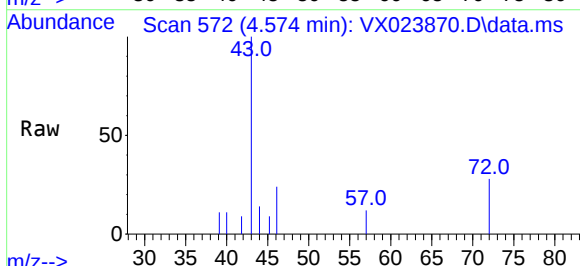
RT: 4.574 min Scan# 572

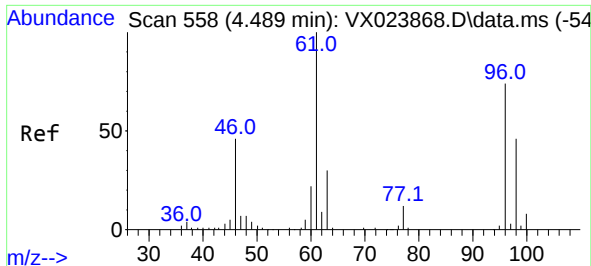
Delta R.T. 0.012 min

Lab File: VX023870.D

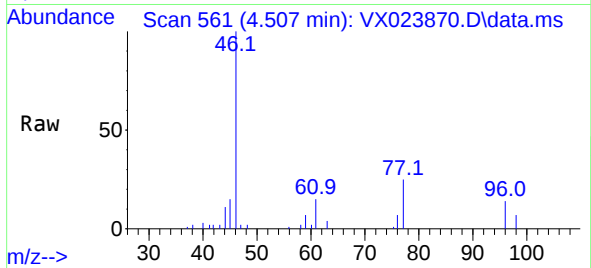
Acq: 20 Aug 2021 11:19

Tgt Ion:	43	Resp:	3959
Ion	Ratio	Lower	Upper
43	100		
72	17.1	14.8	44.4



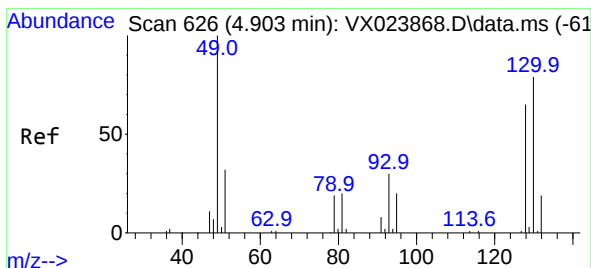
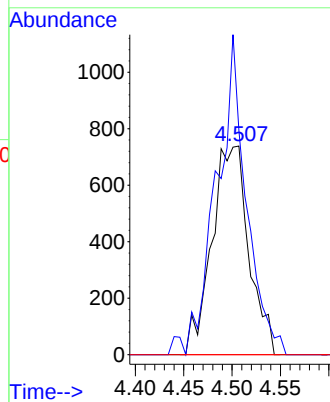
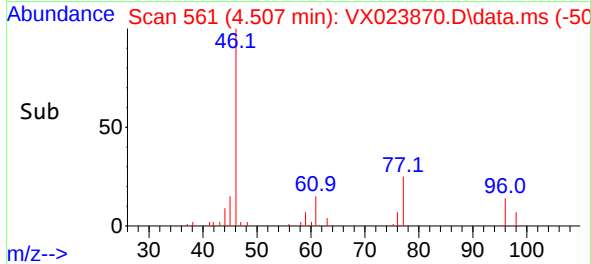


#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 4.507 min Scan# 561
Delta R.T. 0.018 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

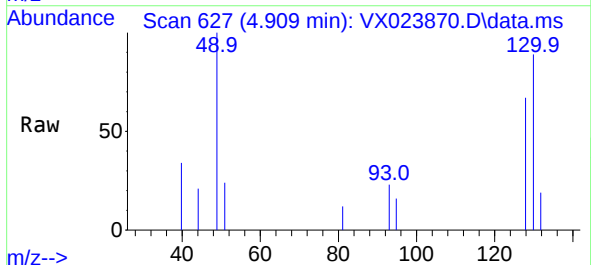


Tgt Ion: 96 Resp: 1974

Ion	Ratio	Lower	Upper
96	100		
61	107.3	85.9	159.5
68	0.0	0.0	0.0

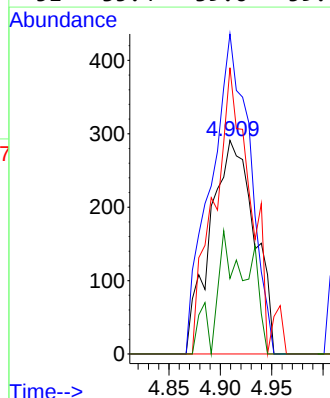
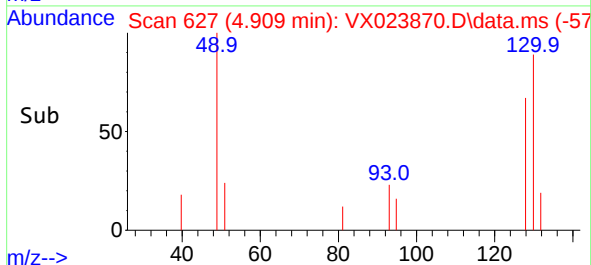


#23
Bromochloromethane
Concen: 0.239 ug/L
RT: 4.909 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19



Tgt Ion: 128 Resp: 871

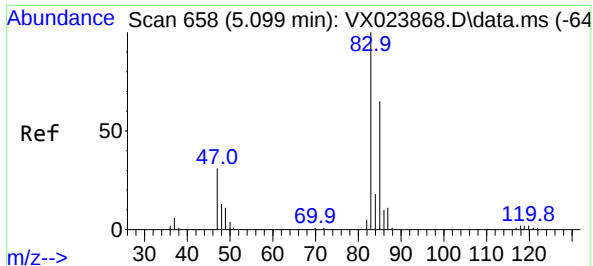
Ion	Ratio	Lower	Upper
128	100		
49	149.8	103.2	191.6
130	134.0	89.1	165.5
51	35.4	39.6	59.4



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

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#25

Chloroform

Concen: 0.355 ug/L

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX023870.D

Acq: 20 Aug 2021 11:19

Tgt Ion: 83 Resp: 5380

Ion Ratio Lower Upper

83 100

85 62.3 45.6 84.8

Instrument :

MSVOA_X

ClientSampleId :

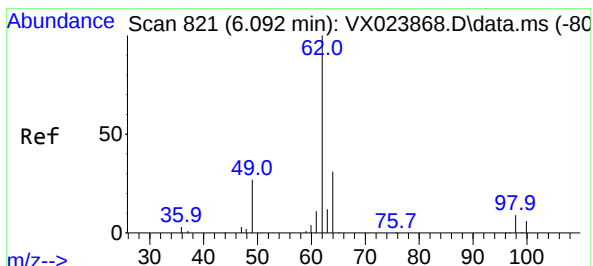
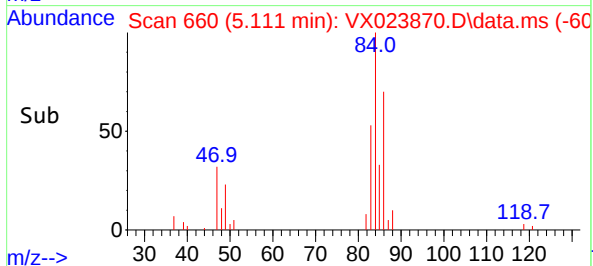
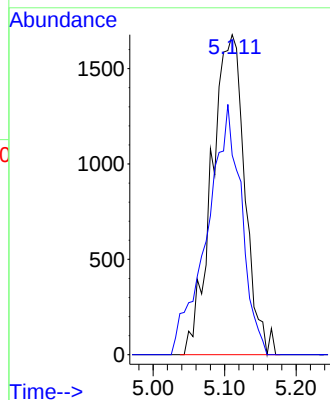
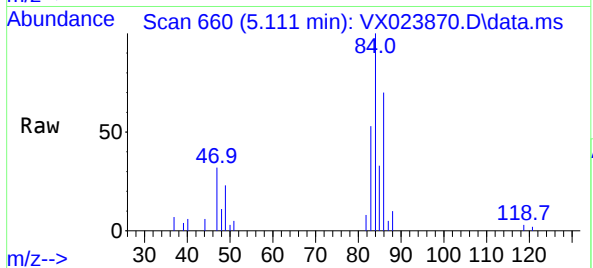
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Manual Integrations

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8/24/2021 4:26:34 PM



#27

1,2-Dichloroethane

Concen: 0.229 ug/L

RT: 6.110 min Scan# 824

Delta R.T. 0.018 min

Lab File: VX023870.D

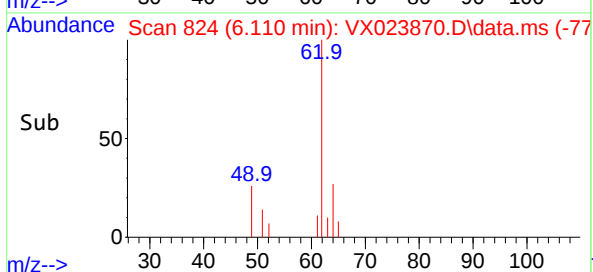
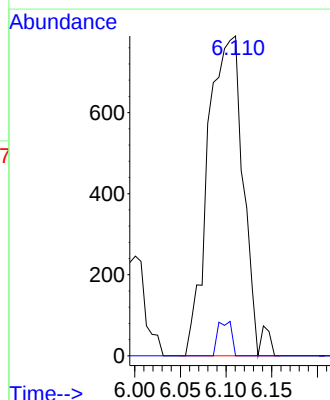
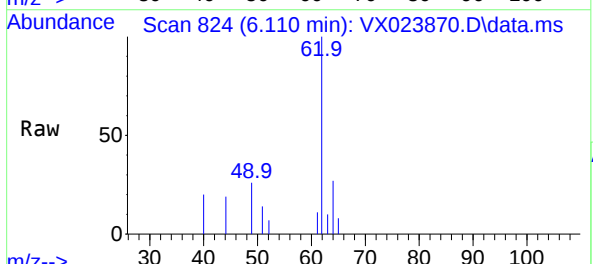
Acq: 20 Aug 2021 11:19

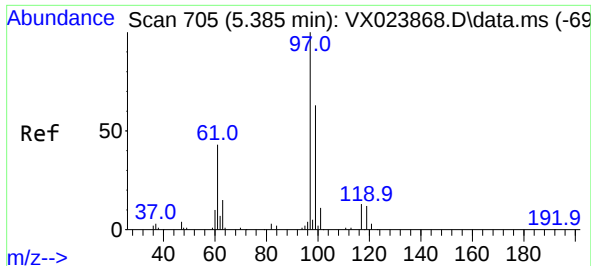
Tgt Ion: 62 Resp: 2124

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#29

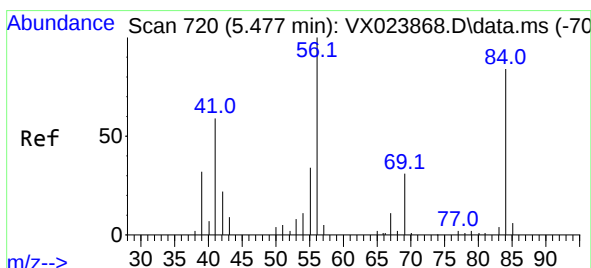
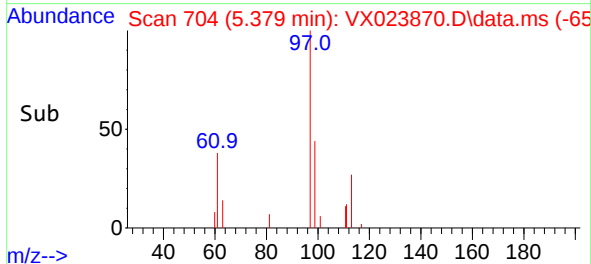
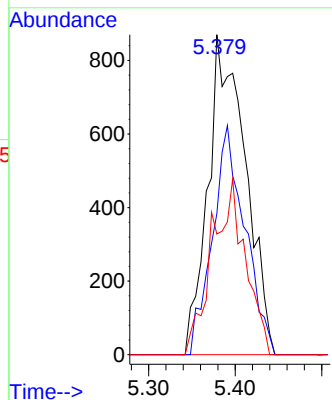
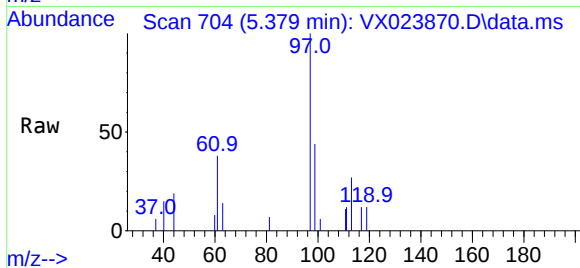
1,1,1-Trichloroethane
Concen: 0.203 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

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

Tgt Ion: 97	Resp: 2617
Ion Ratio	Lower Upper
97 100	
99 62.0	51.2 76.8
61 48.9	35.3 52.9

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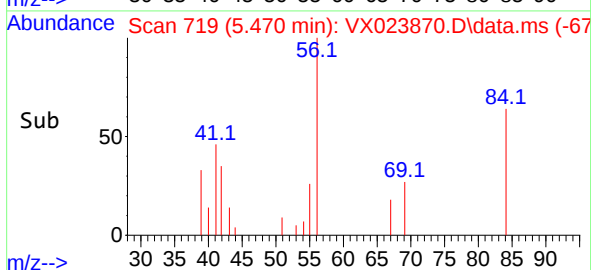
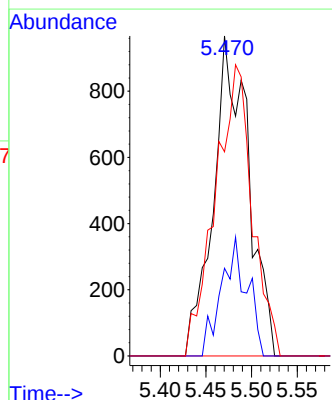
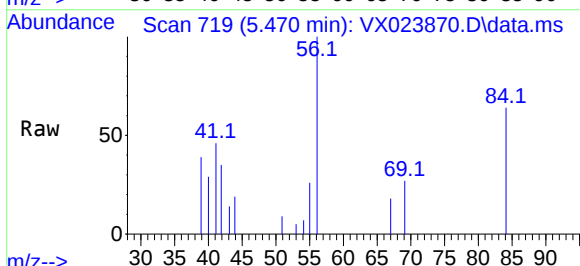
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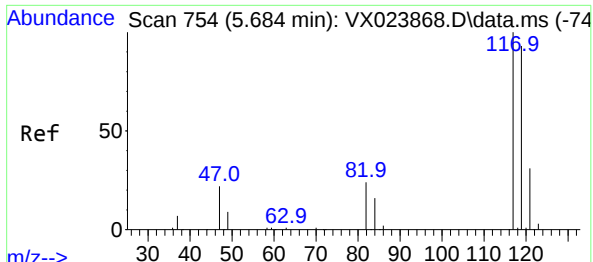


#30

Cyclohexane
Concen: 0.200 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 56	Resp: 2584
Ion Ratio	Lower Upper
56 100	
69 27.2	25.8 38.6
84 95.5	72.4 108.6





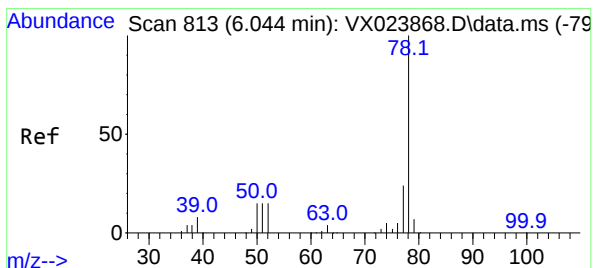
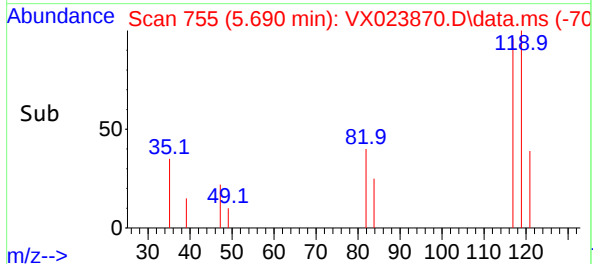
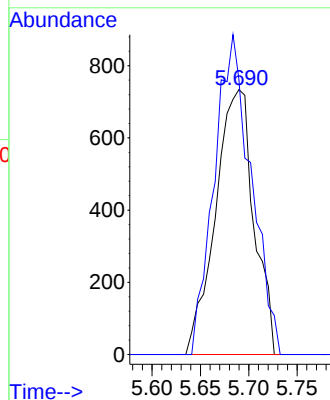
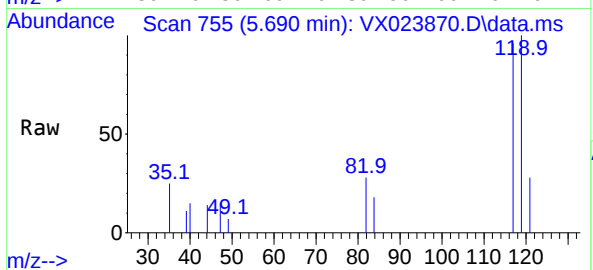
#31
Carbon tetrachloride
Concen: 0.183 ug/L
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 117 Resp: 2028
Ion Ratio Lower Upper
117 100
119 115.7 76.2 114.4#

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

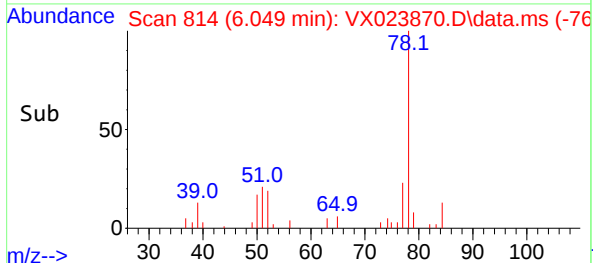
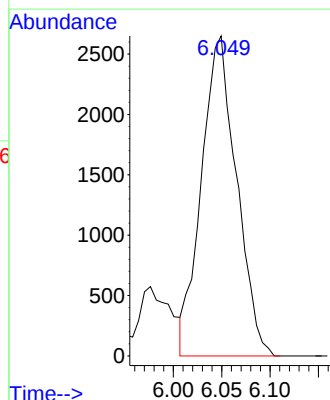
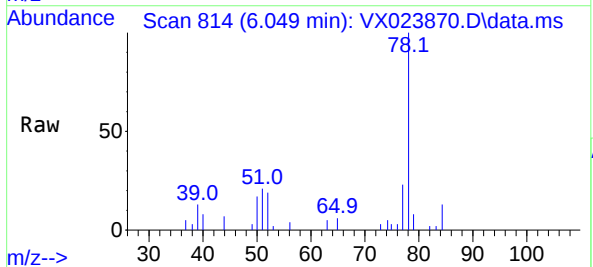
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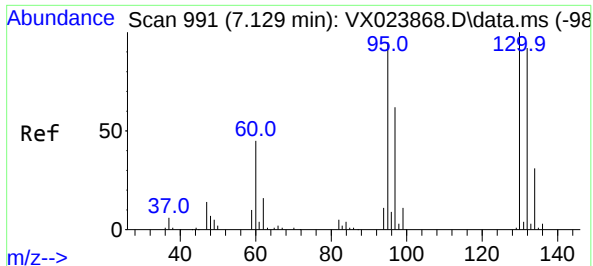
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#33
Benzene
Concen: 0.210 ug/L
RT: 6.049 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 78 Resp: 6686





#34

Trichloroethene

Concen: 0.227 ug/L

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX023870.D

Acq: 20 Aug 2021 11:19

Tgt Ion: 95 Resp: 1977

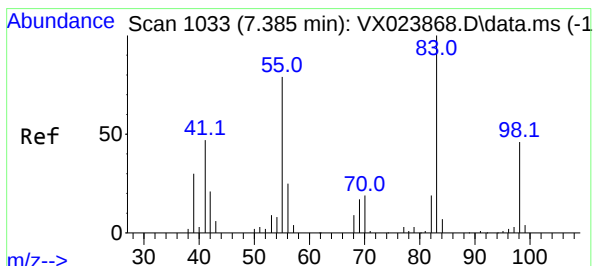
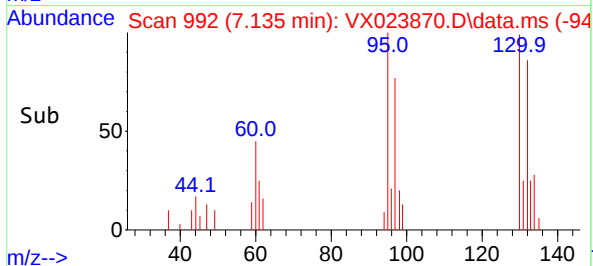
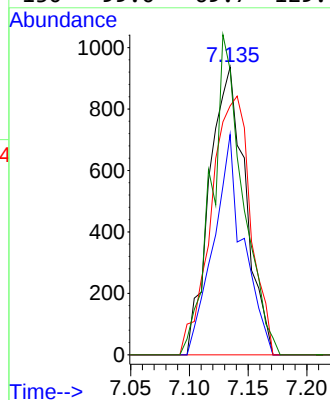
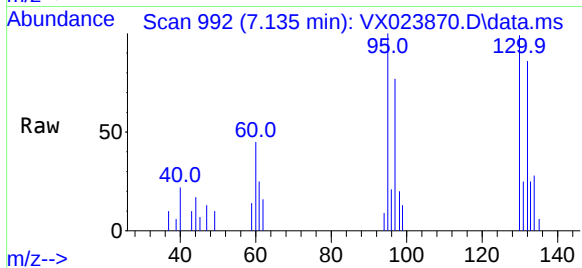
Ion Ratio Lower Upper

95 100

97 76.5 46.0 85.4

132 86.4 69.0 128.1

130 99.0 69.7 129.4



#35

Methylcyclohexane

Concen: 0.200 ug/L

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX023870.D

Acq: 20 Aug 2021 11:19

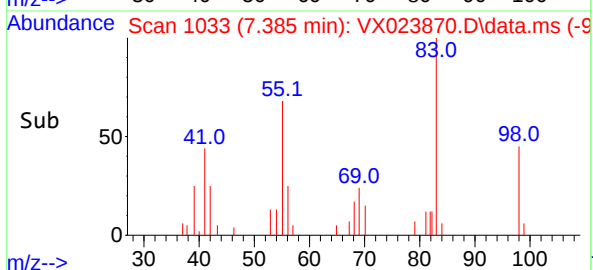
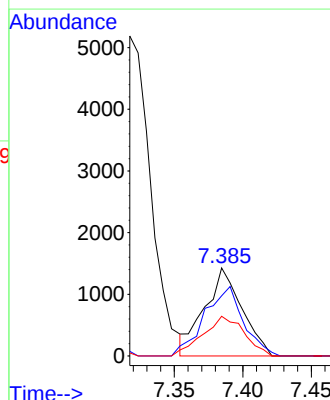
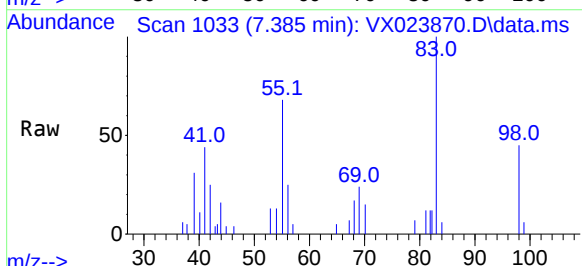
Tgt Ion: 83 Resp: 2696

Ion Ratio Lower Upper

83 100

55 82.5 63.4 95.0

98 49.9 39.2 58.8



Instrument :

MSVOA_X

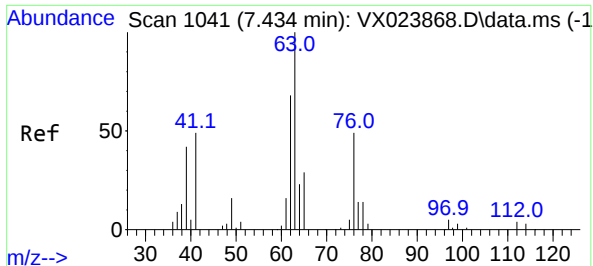
ClientSampleId :

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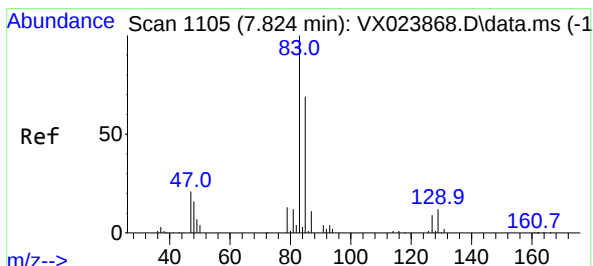
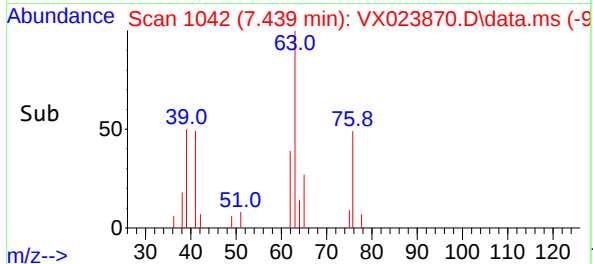
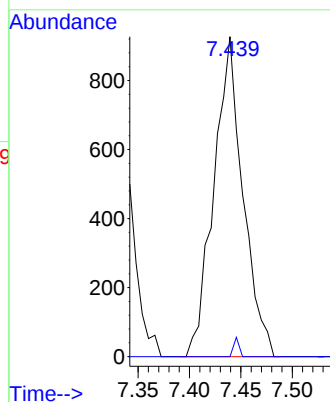
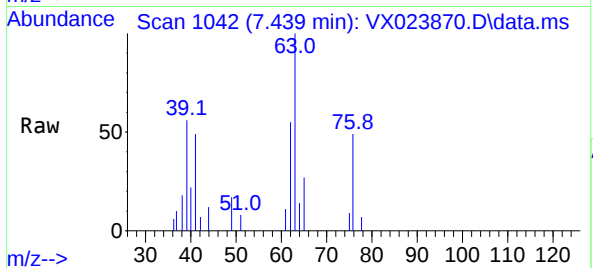
#37
1,2-Dichloropropane
Concen: 0.231 ug/L
RT: 7.439 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 63 Resp: 1827
Ion Ratio Lower Upper
63 100
112 1.1 3.9 5.9#

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

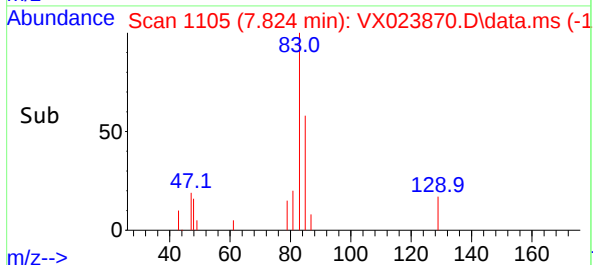
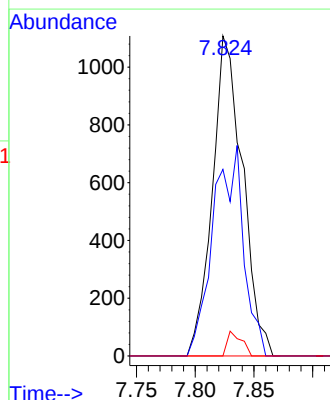
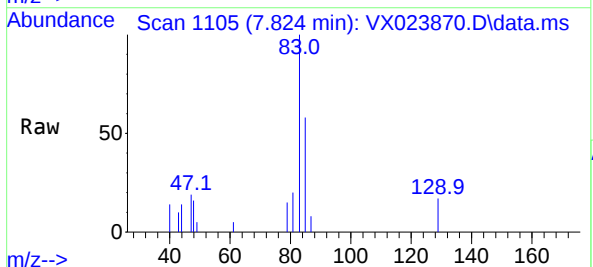
Manual Integrations
APPROVED

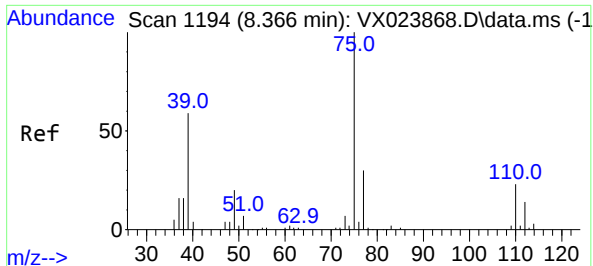
MMDadoda
8/24/2021 4:26:34 PM



#38
Bromodichloromethane
Concen: 0.213 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 83 Resp: 1979
Ion Ratio Lower Upper
83 100
85 58.3 44.6 82.8
127 0.0 7.0 10.4#





#39

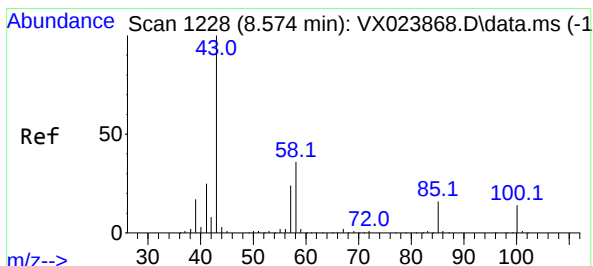
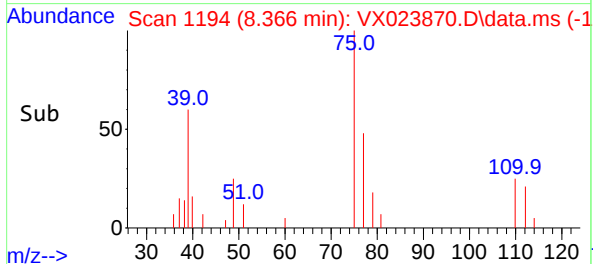
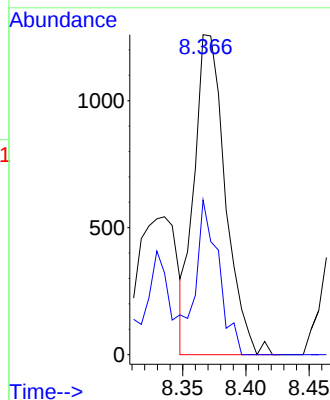
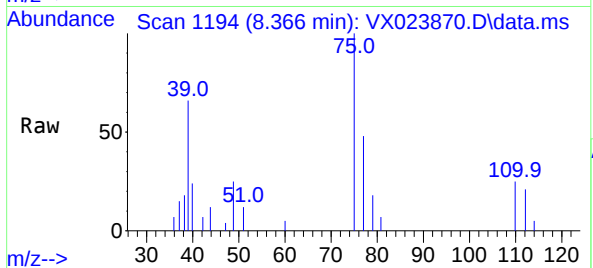
cis-1,3-Dichloropropene
Concen: 0.201 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 75 Resp: 2163
Ion Ratio Lower Upper
75 100
77 48.3 21.6 40.0#

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

Manual Integrations
APPROVED

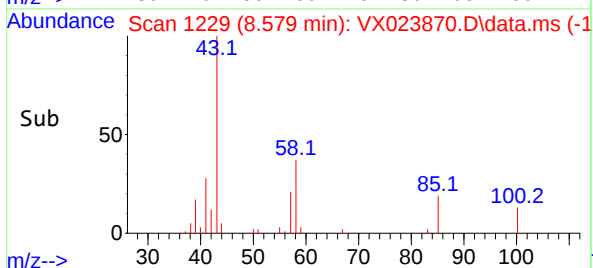
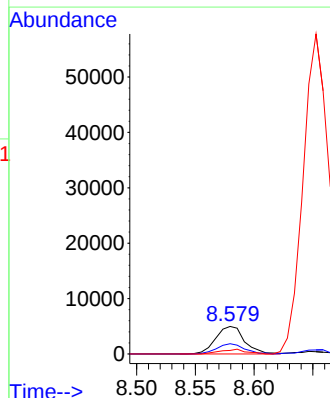
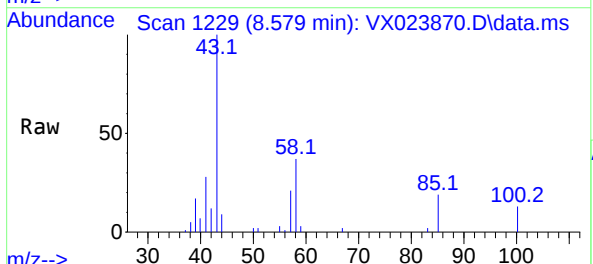
MMDadoda
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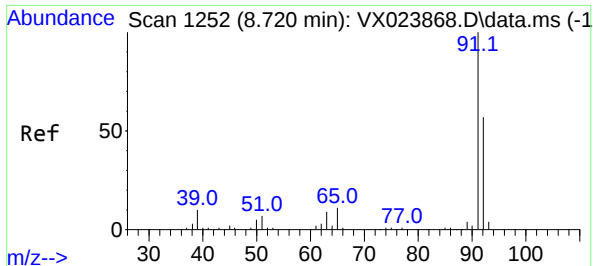


#40

4-Methyl-2-pentanone
Concen: 1.843 ug/L
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 43 Resp: 8462
Ion Ratio Lower Upper
43 100
58 35.2 35.0 52.4
100 0.0 14.3 21.5#





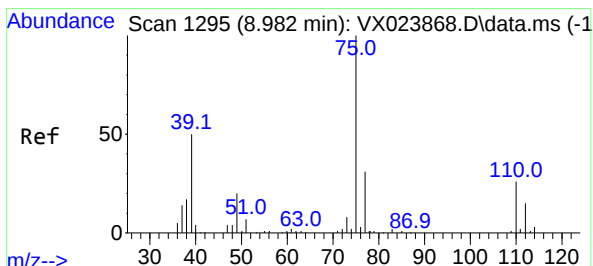
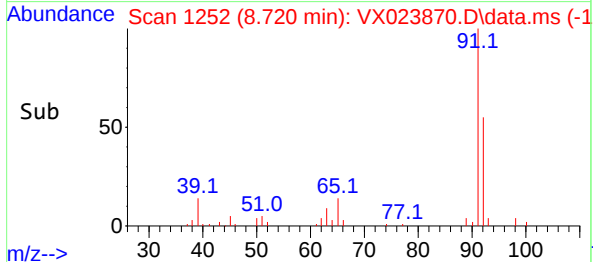
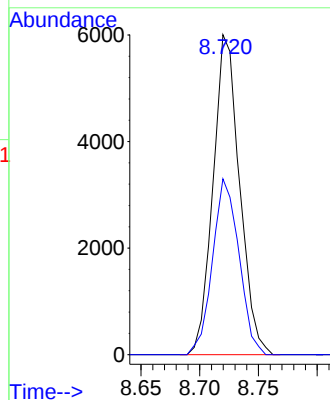
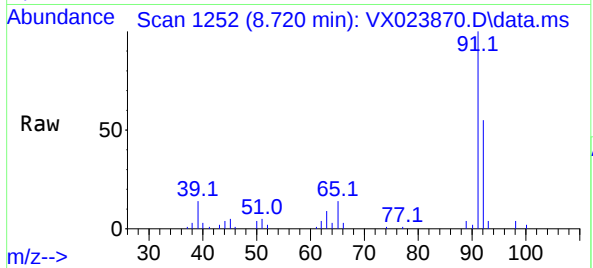
#42
Toluene
Concen: 0.274 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 91 Resp: 9416
Ion Ratio Lower Upper
91 100
92 55.0 42.1 78.1

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

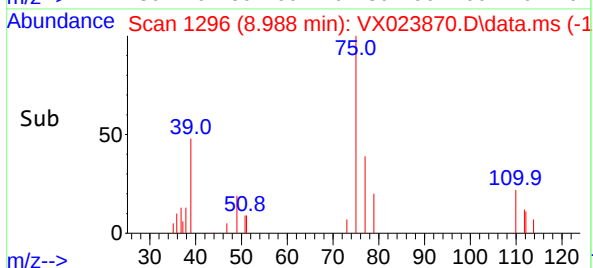
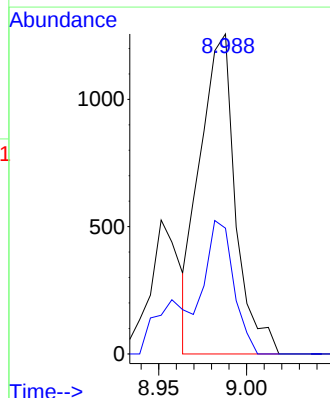
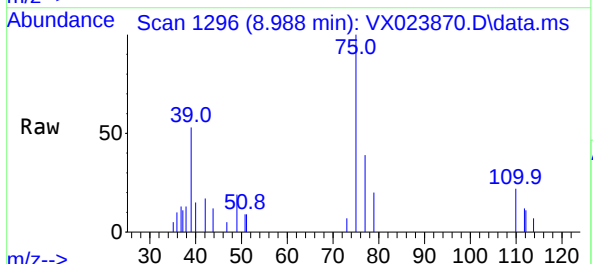
Manual Integrations
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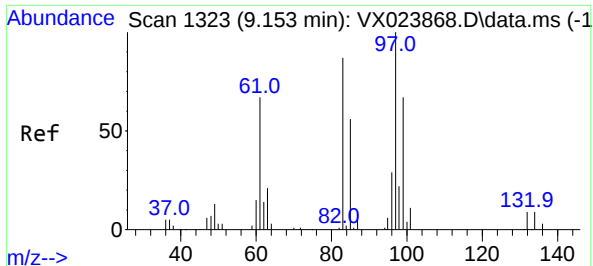
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#44
trans-1,3-Dichloropropene
Concen: 0.199 ug/L m
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 75 Resp: 1766
Ion Ratio Lower Upper
75 100
77 39.3 21.7 40.3





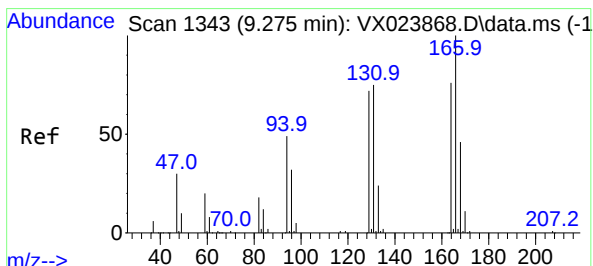
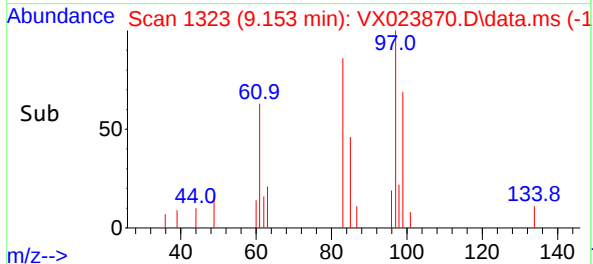
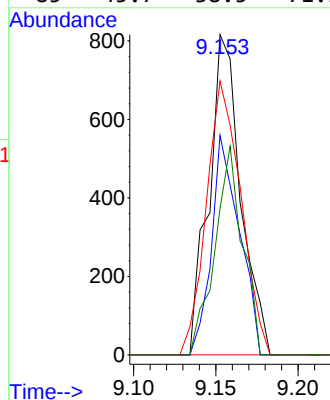
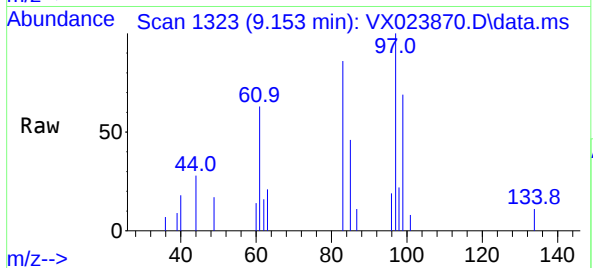
#45
1,1,2-Trichloroethane
Concen: 0.203 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:	97	Resp:	1099
Ion	Ratio	Lower	Upper
97	100		
99	68.5	43.4	80.6
83	85.5	58.6	108.8
85	45.7	38.5	71.5

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

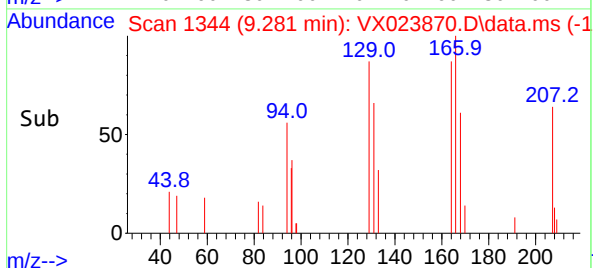
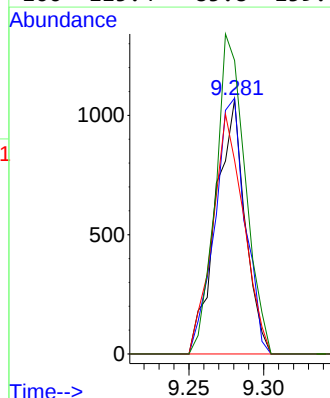
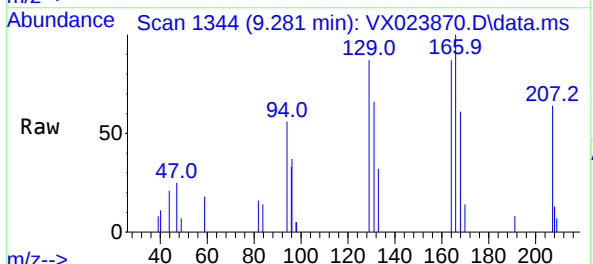
Manual Integrations
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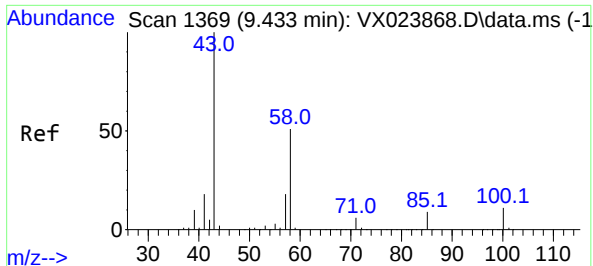
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#47
Tetrachloroethene
Concen: 0.208 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:	164	Resp:	1457
Ion	Ratio	Lower	Upper
164	100		
129	100.6	64.5	119.7
131	76.1	63.8	118.6
166	115.4	85.8	159.4





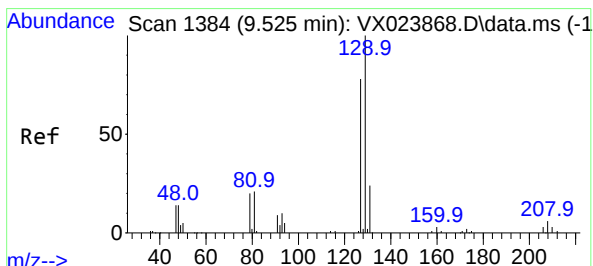
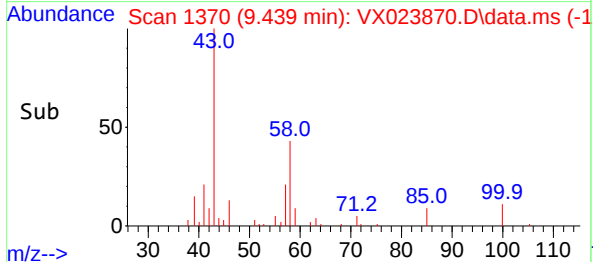
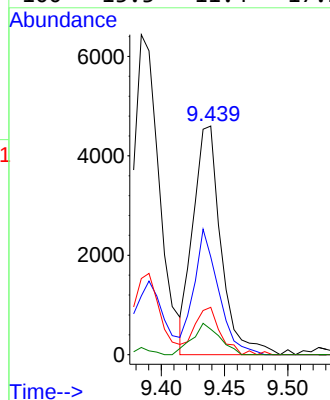
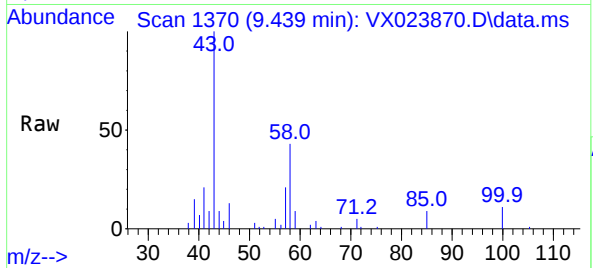
#48
2-Hexanone
Concen: 2.152 ug/L
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 43	Resp: 7090
Ion Ratio	Lower Upper
43 100	
58 48.3	48.8 73.2#
57 19.5	16.6 25.0
100 13.3	11.4 17.2

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

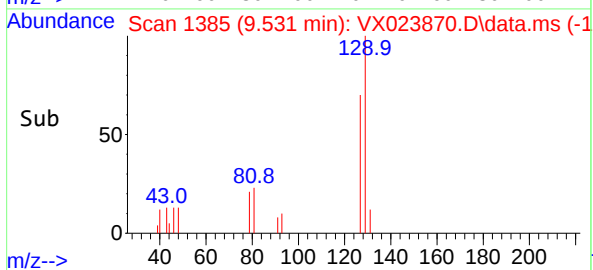
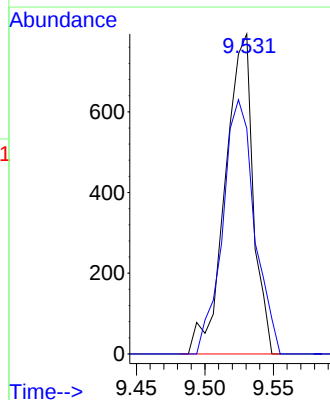
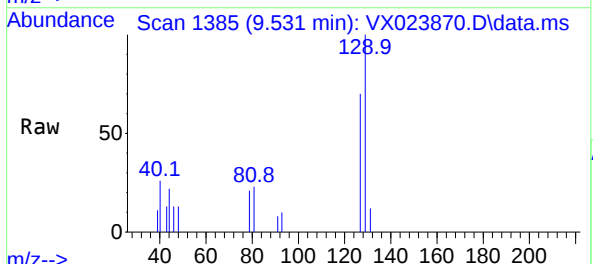
Manual Integrations
APPROVED

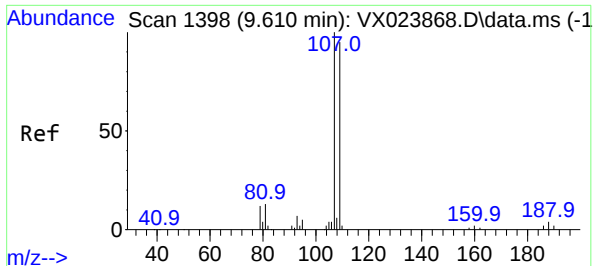
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#49
Dibromochloromethane
Concen: 0.194 ug/L
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:129	Resp:	1125	
Ion	Ratio	Lower	Upper
129	100		
127	70.5	53.0	98.4





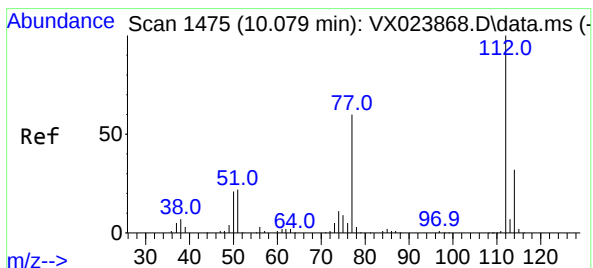
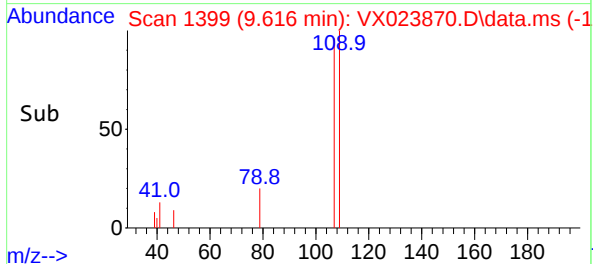
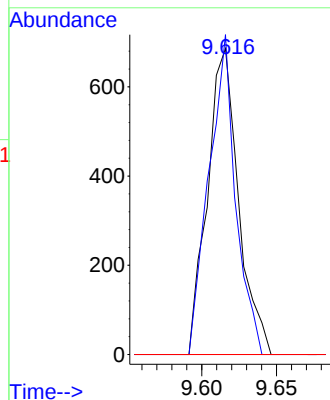
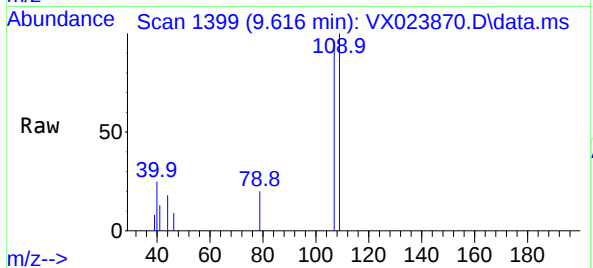
#50
1,2-Dibromoethane
Concen: 0.198 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:	107	Resp:	989
Ion	Ratio	Lower	Upper
107	100		
109	104.5	65.0	120.8
188	0.0	3.4	5.0#

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

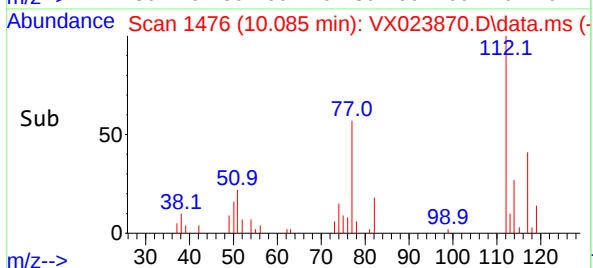
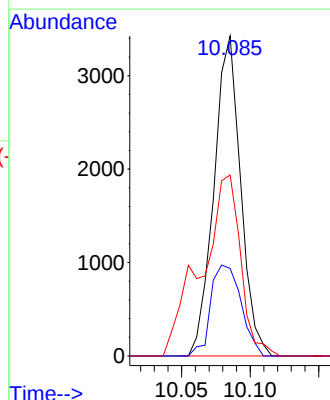
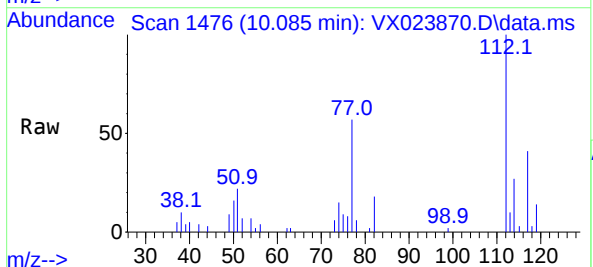
Manual Integrations
APPROVED

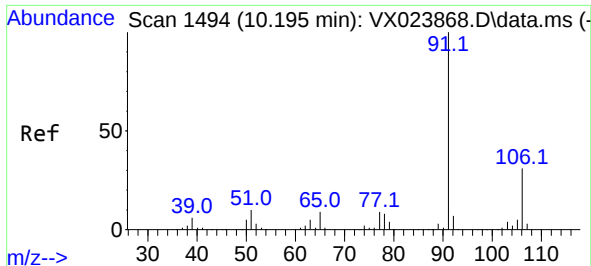
MMDadoda
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#51
Chlorobenzene
Concen: 0.208 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:	112	Resp:	4643
Ion	Ratio	Lower	Upper
112	100		
114	27.3	22.1	41.1
77	56.6	47.0	70.6





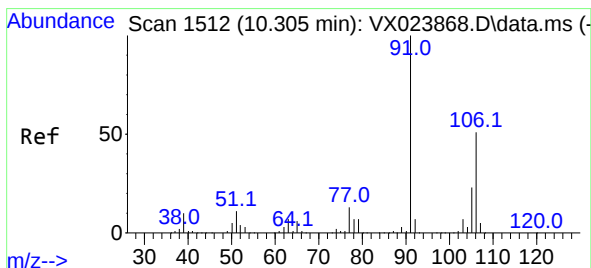
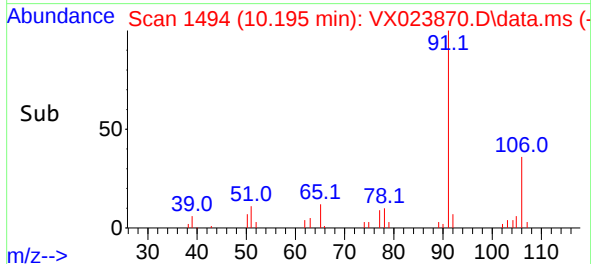
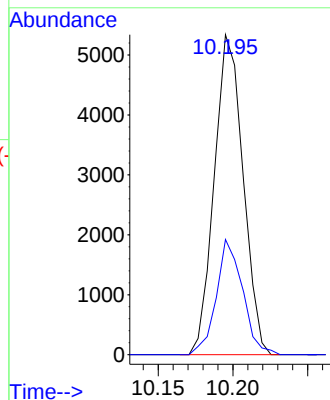
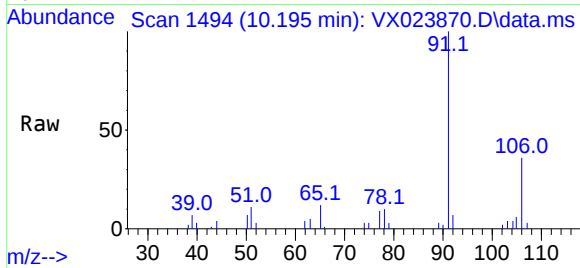
#52
Ethylbenzene
Concen: 0.194 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 91 Resp: 7144
Ion Ratio Lower Upper
91 100
106 36.0 21.6 40.0

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

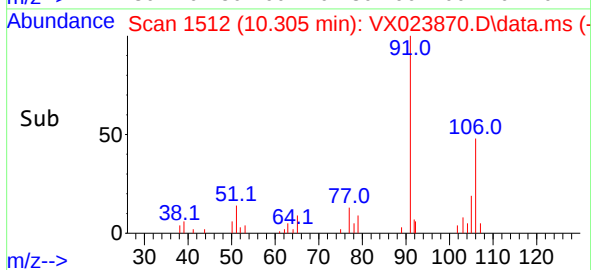
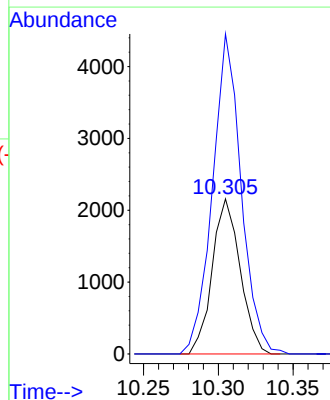
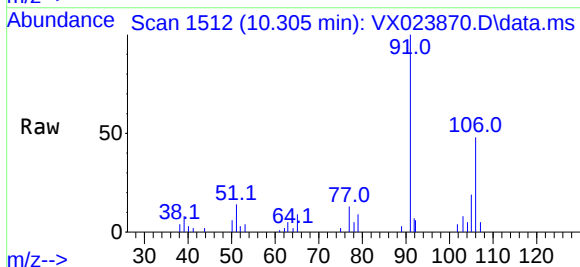
Manual Integrations
APPROVED

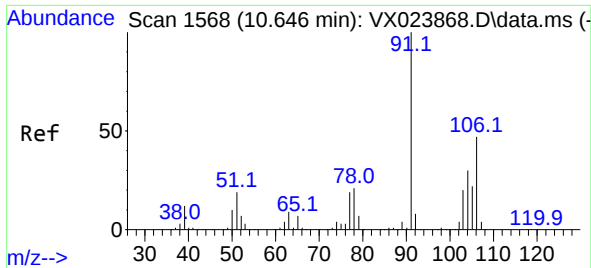
MMDadoda
8/24/2021 4:26:34 PM



#53
m,p-xylene
Concen: 0.192 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

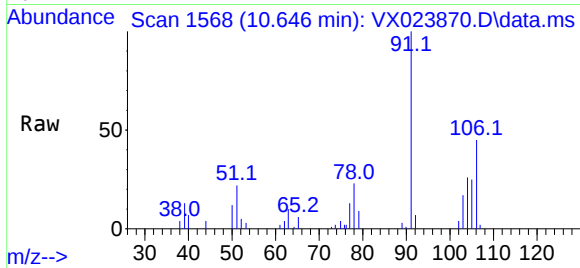
Tgt Ion: 106 Resp: 2804
Ion Ratio Lower Upper
106 100
91 206.5 137.4 255.2





#54
o-xylene
Concen: 0.186 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

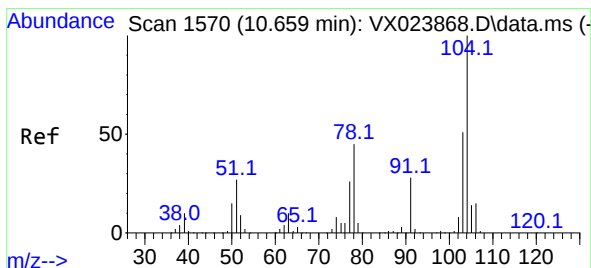
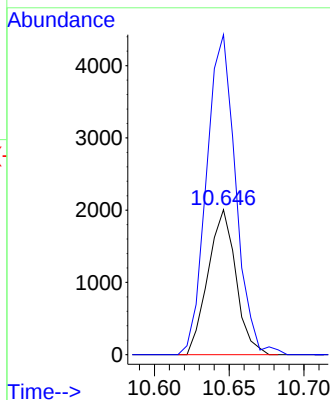
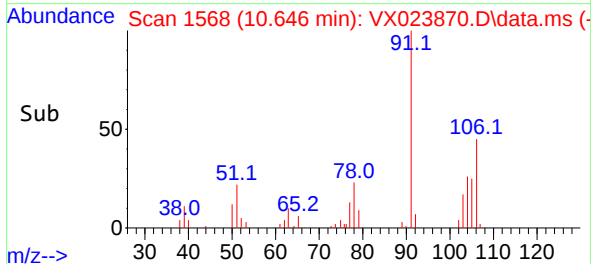
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



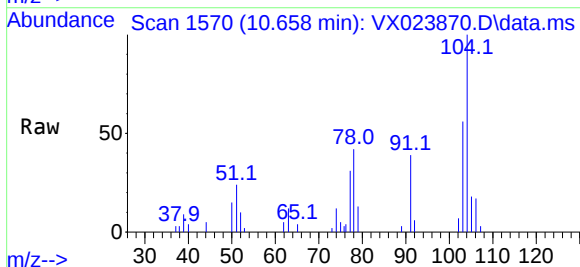
Tgt Ion:106 Resp: 2605
Ion Ratio Lower Upper
106 100
91 220.7 151.1 280.7

Manual Integrations
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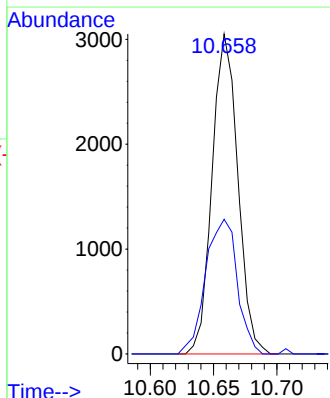
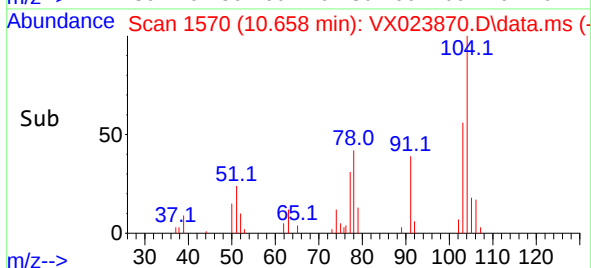
MMDadoda
8/24/2021 4:26:34 PM

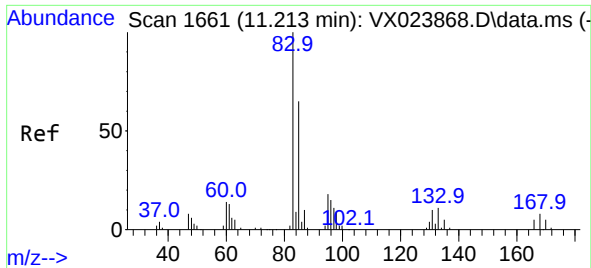


#55
Styrene
Concen: 0.185 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19



Tgt Ion:104 Resp: 4311
Ion Ratio Lower Upper
104 100
78 42.1 30.3 56.3





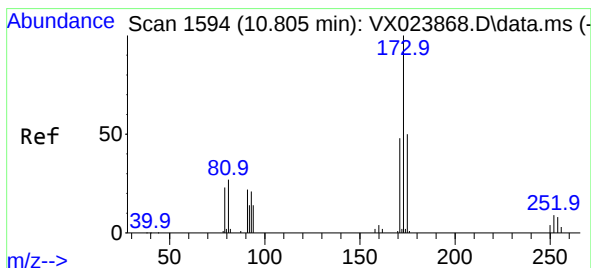
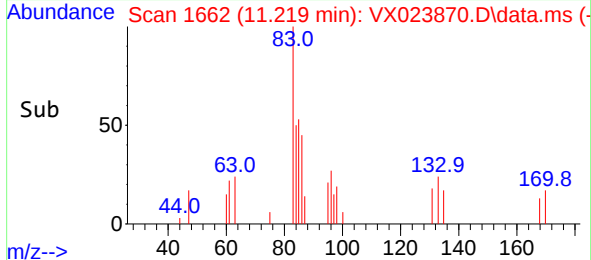
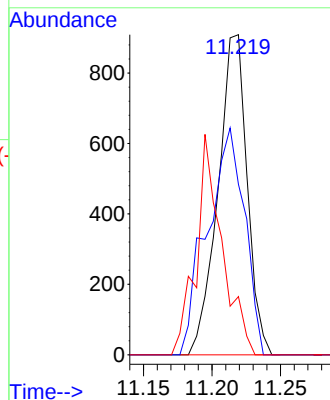
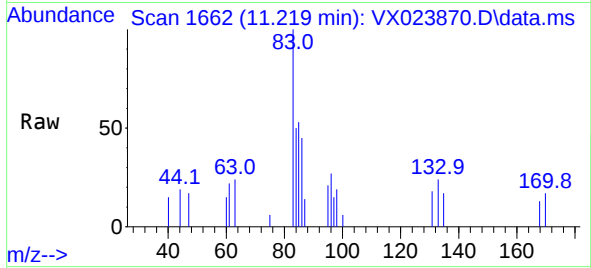
#57
1,1,2,2-Tetrachloroethane
Concen: 0.220 ug/L
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 83 Resp: 1346
Ion Ratio Lower Upper
83 100
85 53.2 44.6 82.8
131 18.2 8.2 12.2#

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

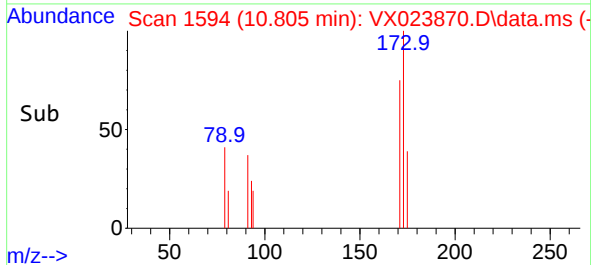
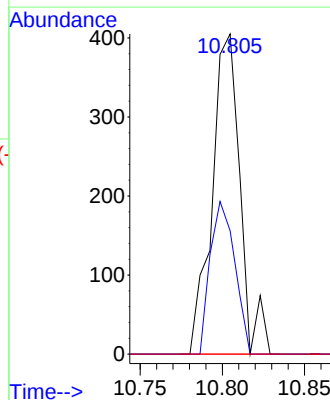
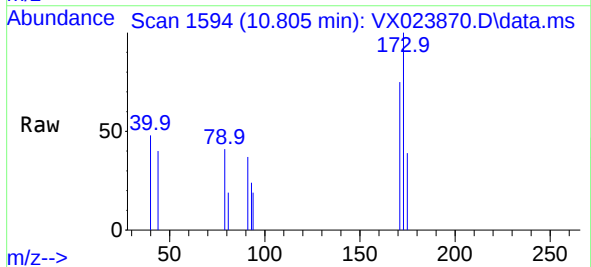
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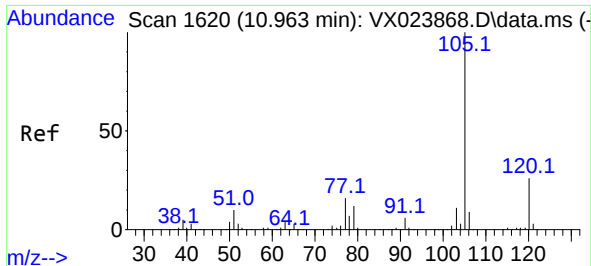
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8/24/2021 4:26:34 PM



#59
Bromoform
Concen: 0.171 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 173 Resp: 480
Ion Ratio Lower Upper
173 100
175 41.7 38.0 57.0
254 0.0 8.8 13.2#





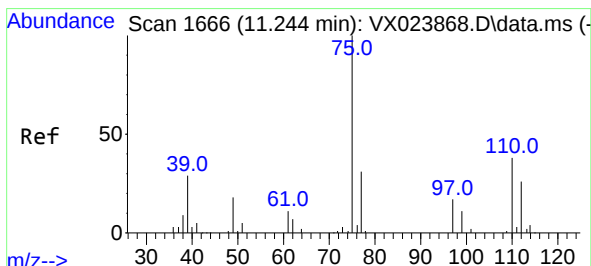
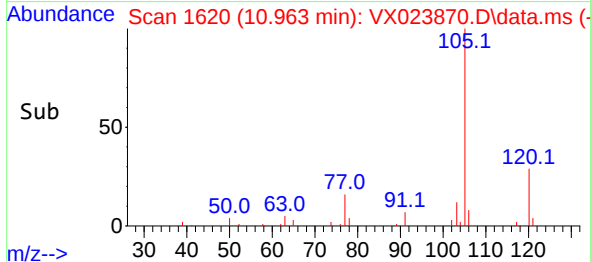
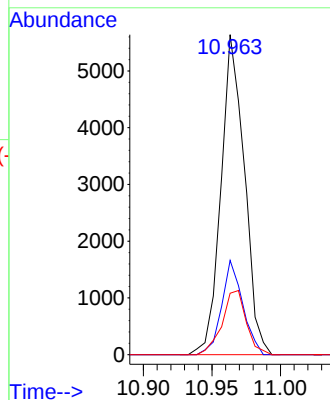
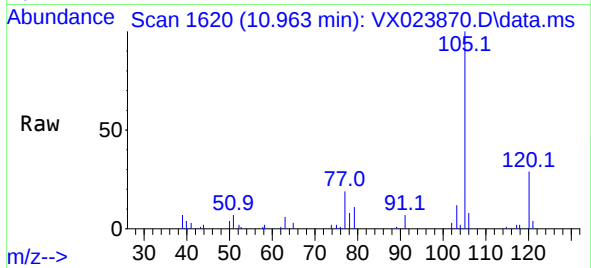
#60
Isopropylbenzene
Concen: 0.187 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 105 Resp: 6700
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 20.7 12.4 18.6#

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

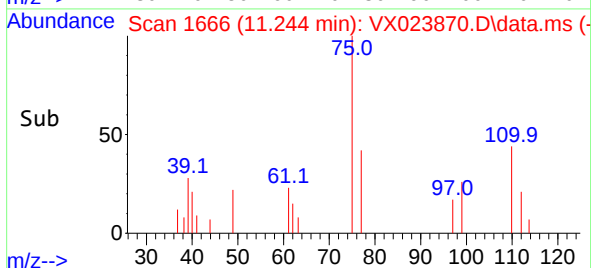
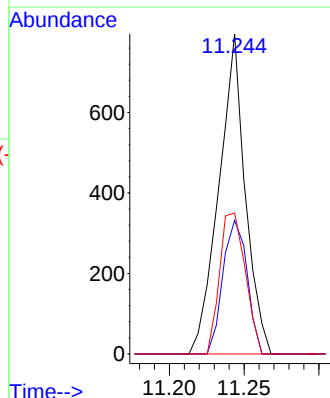
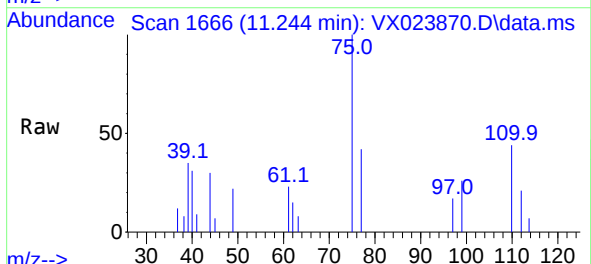
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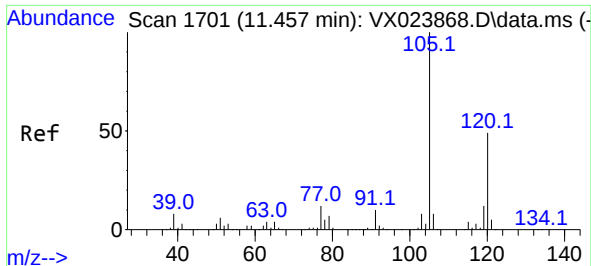
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8/24/2021 4:26:34 PM



#61
1,2,3-Trichloropropane
Concen: 0.224 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 75 Resp: 975
Ion Ratio Lower Upper
75 100
77 38.1 26.3 39.5
110 42.8 32.1 48.1





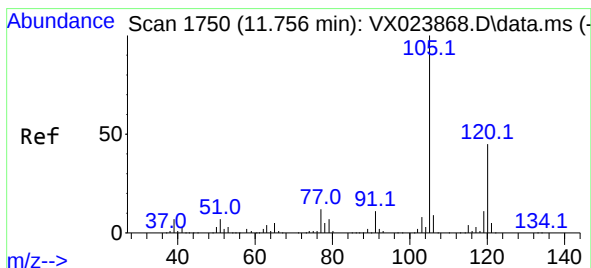
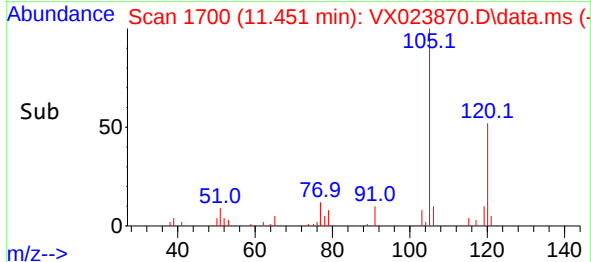
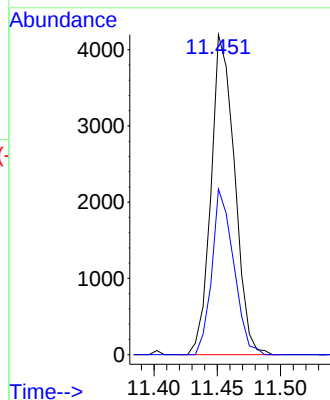
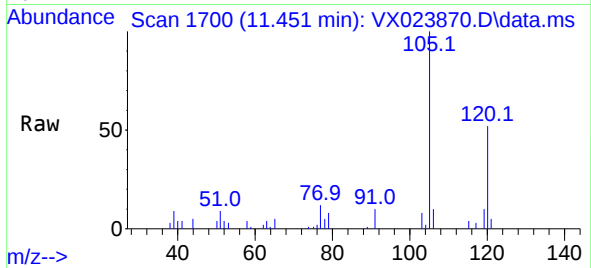
#62
1,3,5-Trimethylbenzene
Concen: 0.185 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:105 Resp: 5437
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2

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

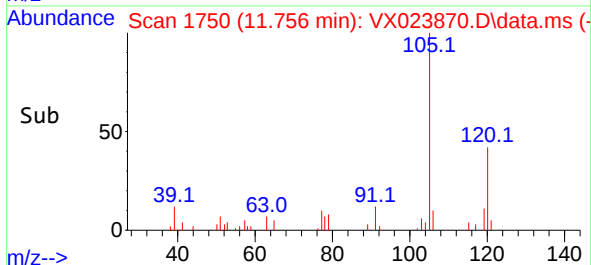
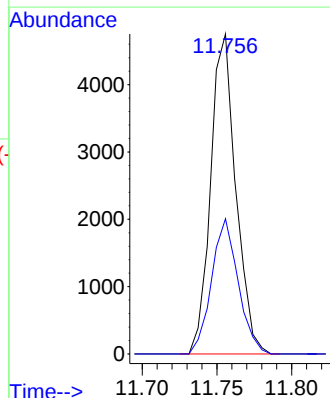
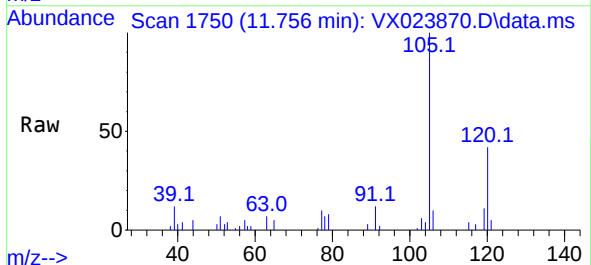
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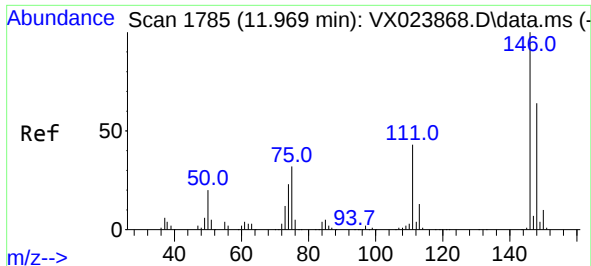
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8/24/2021 4:26:34 PM



#63
1,2,4-Trimethylbenzene
Concen: 0.186 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:105 Resp: 5565
Ion Ratio Lower Upper
105 100
120 44.6 36.5 54.7





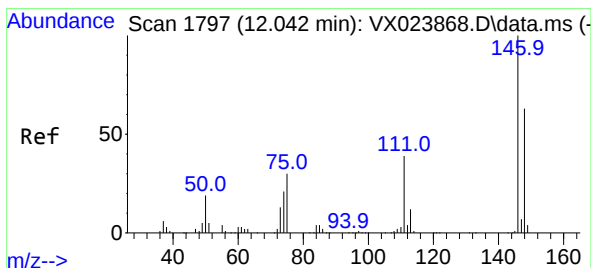
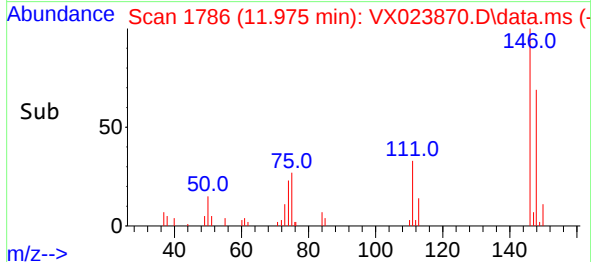
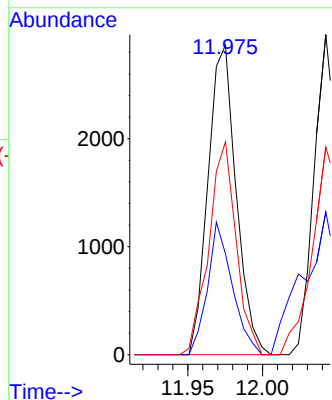
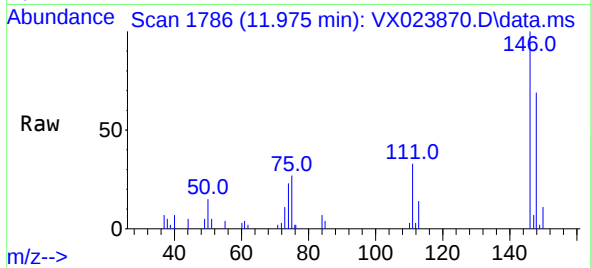
#64
1,3-Dichlorobenzene
Concen: 0.223 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:146 Resp: 3744
Ion Ratio Lower Upper
146 100
111 32.5 28.2 52.4
148 68.8 41.7 77.5

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

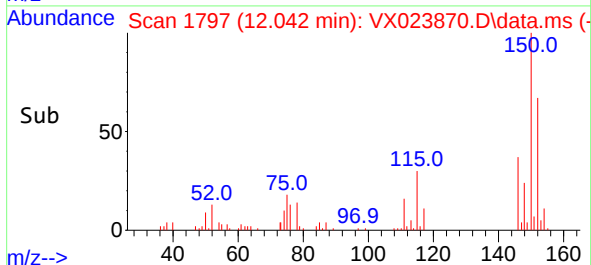
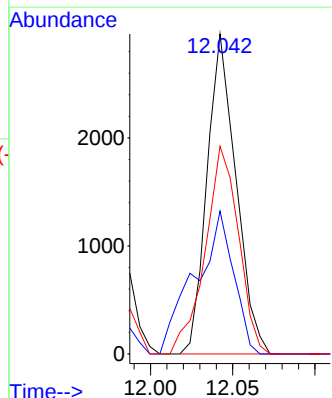
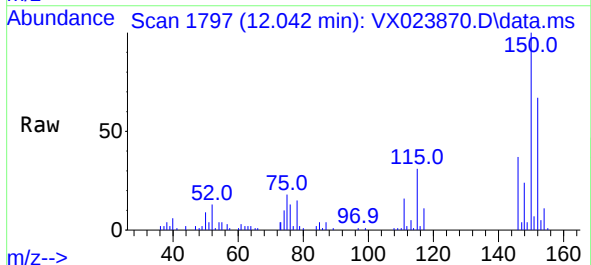
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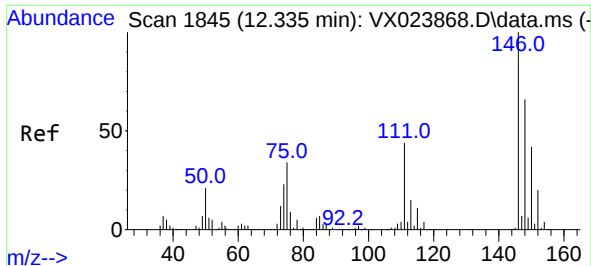
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8/24/2021 4:26:34 PM



#65
1,4-Dichlorobenzene
Concen: 0.216 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:146 Resp: 3632
Ion Ratio Lower Upper
146 100
111 44.7 26.2 48.8
148 64.9 44.1 81.9





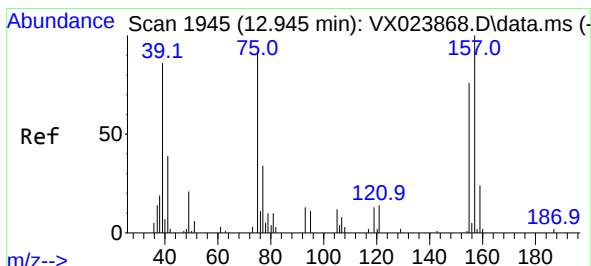
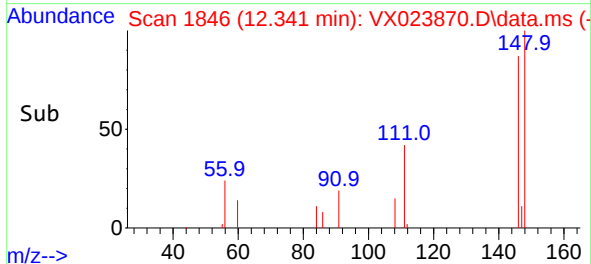
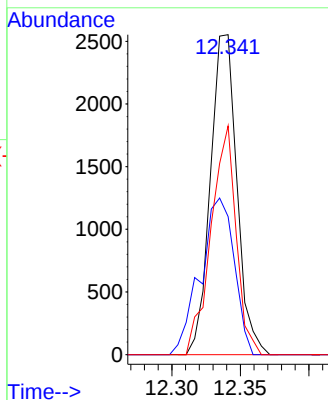
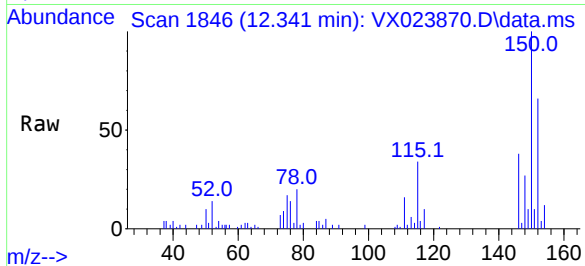
#67
1,2-Dichlorobenzene
Concen: 0.223 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion: 146 Resp: 3432
Ion Ratio Lower Upper
146 100
111 43.2 36.3 54.5
148 71.5 51.5 77.3

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

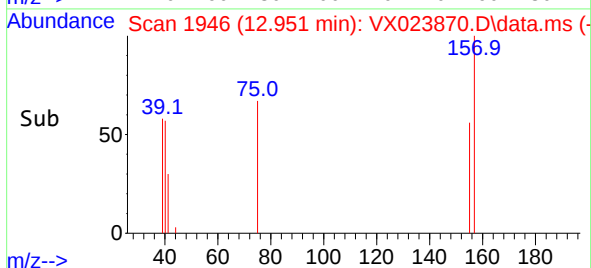
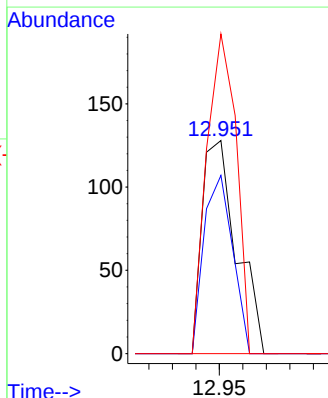
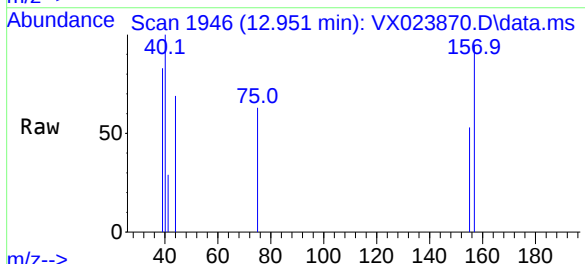
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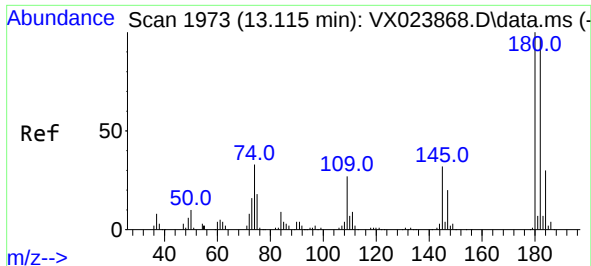
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8/24/2021 4:26:34 PM



#68
1,2-Dibromo-3-chloropropane
Concen: 0.153 ug/L
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

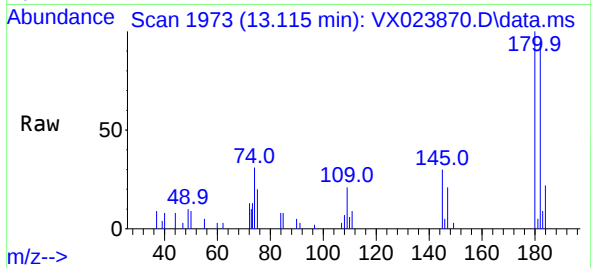
Tgt Ion: 75 Resp: 131
Ion Ratio Lower Upper
75 100
155 83.6 69.8 104.8
157 150.0 90.0 135.0#





#69
1,3,5-Trichlorobenzene
Concen: 0.211 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

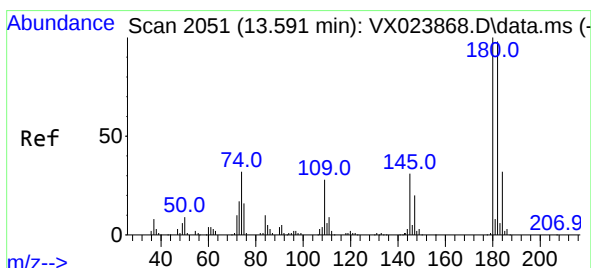
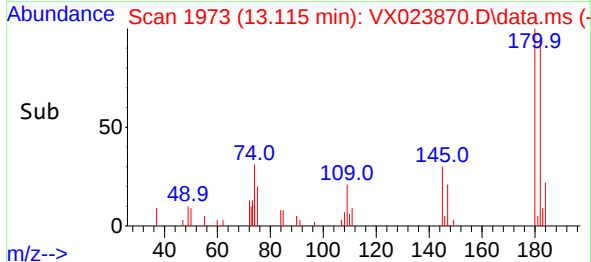
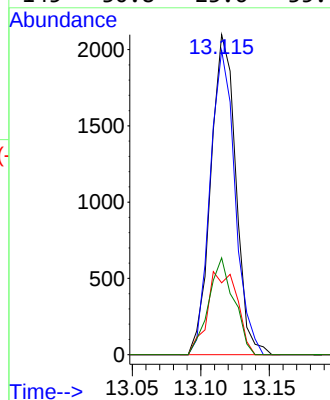
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08



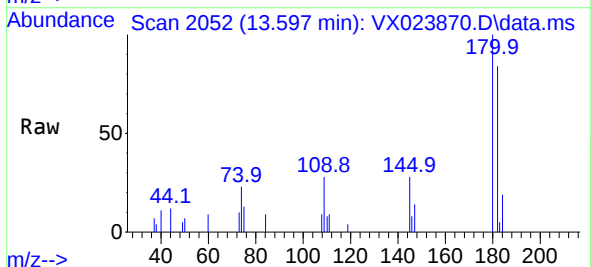
Tgt Ion:180 Resp: 2653
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.4
184 31.1 24.6 36.8
145 30.8 23.6 35.4

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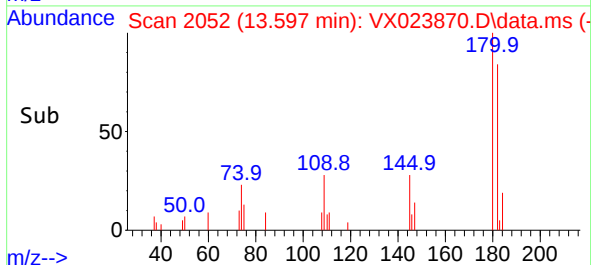
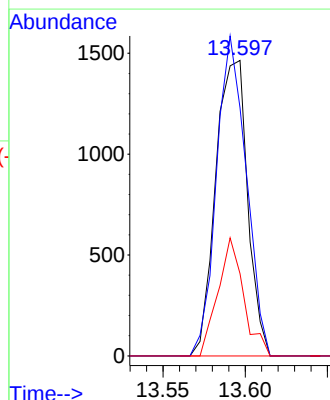
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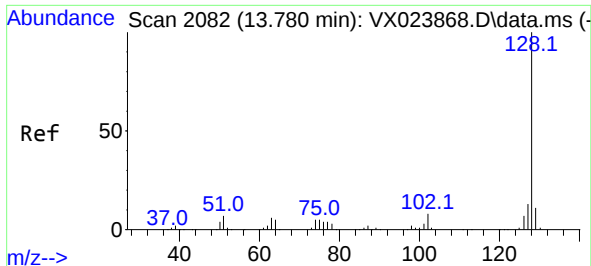


#70
1,2,4-trichlorobenzene
Concen: 0.197 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19



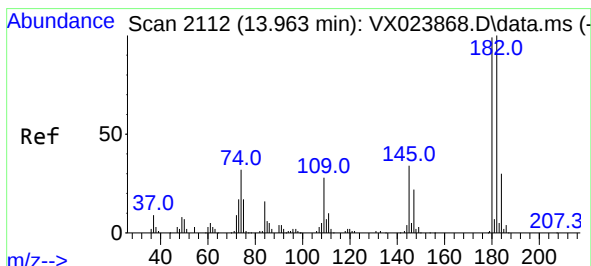
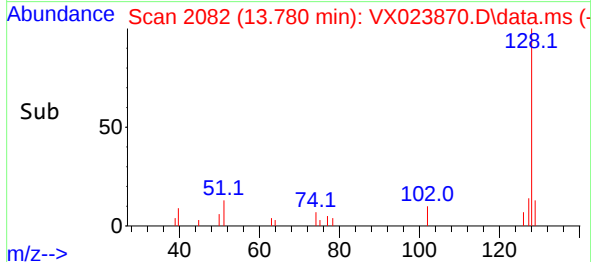
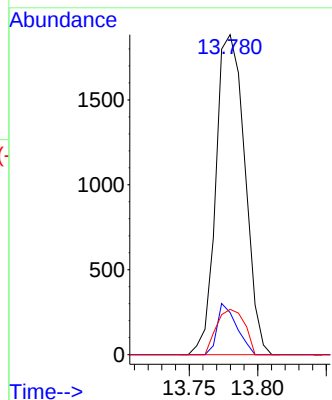
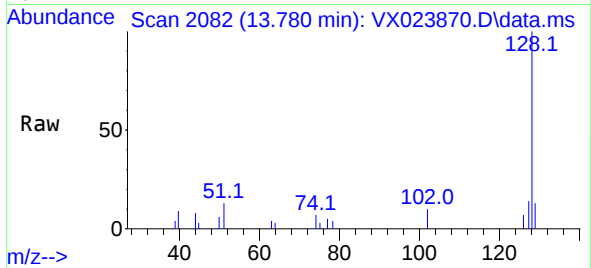
Tgt Ion:180 Resp: 1973
Ion Ratio Lower Upper
180 100
182 100.7 74.3 111.5
145 32.2 24.1 36.1





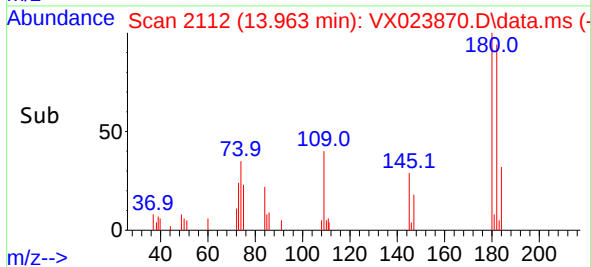
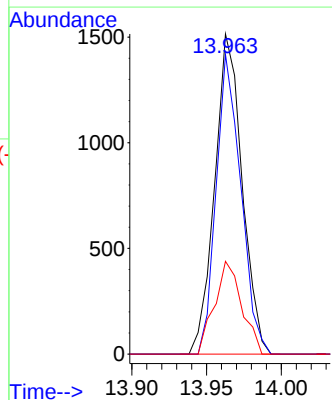
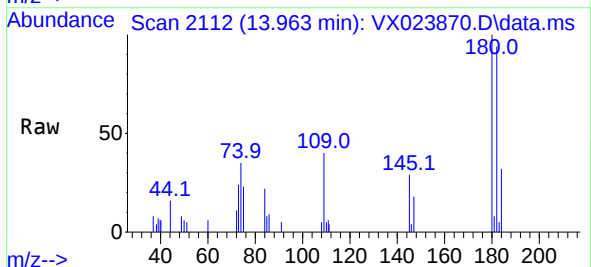
#71
Naphthalene
Concen: 0.163 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:	128	Resp:	2760
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.7	10.1	15.1



#72
1,2,3-Trichlorobenzene
Concen: 0.210 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023870.D
Acq: 20 Aug 2021 11:19

Tgt Ion:	180	Resp:	1933
Ion	Ratio	Lower	Upper
180	100		
182	84.0	79.3	118.9
145	28.7	26.5	39.7



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

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