

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021279.D
 Acq On : 18 Mar 2021 14:27
 Operator : JC/MD
 Sample : M1344-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Quant Time: Mar 19 01:25:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	56473	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	51781	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	24396	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	16905	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.693	69	13362	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.340	63	29493	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.523	46	46526	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	5.135	84	36541	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	6.023	65	20772	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.041	84	68112	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	7.364	67	21387	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	8.694	98	64443	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloroprop...	8.994	79	9208	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	9.423	63	36975	48.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.38%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	15623	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.359	152	23201	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.181	85	1280	0.19	ug/L	92
3) Chloromethane	1.311	50	2140	0.33	ug/L	91
5) Vinyl chloride	1.393	62	1225	0.24	ug/L #	82
6) Bromomethane	1.634	94	471	0.23	ug/L	97
8) Chloroethane	1.711	64	664	0.23	ug/L	96
9) Trichlorofluoromethane	1.917	101	1587	0.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.358	101	1077	0.25	ug/L	88
12) 1,1-Dichloroethene	2.346	96	1090	0.27	ug/L #	1
13) Acetone	2.417	43	1495	2.20	ug/L	98
14) Carbon disulfide	2.552	76	2999	0.23	ug/L	98
15) Methyl Acetate	2.746	43	528	0.28	ug/L #	75
16) Methylene chloride	2.828	84	3633	0.72	ug/L	83
17) Methyl tert-butyl Ether	3.170	73	2150	0.21	ug/L #	85
18) trans-1,2-Dichloroethene	3.134	96	988	0.23	ug/L	96
19) 1,1-Dichloroethane	3.658	63	1706	0.22	ug/L #	91
21) 2-Butanone	4.635	43	2655	2.38	ug/L	87
22) cis-1,2-Dichloroethene	4.558	96	1017	0.22	ug/L	86
23) Bromochloromethane	4.970	128	359	0.20	ug/L	91
25) Chloroform	5.170	83	2083	0.25	ug/L	95

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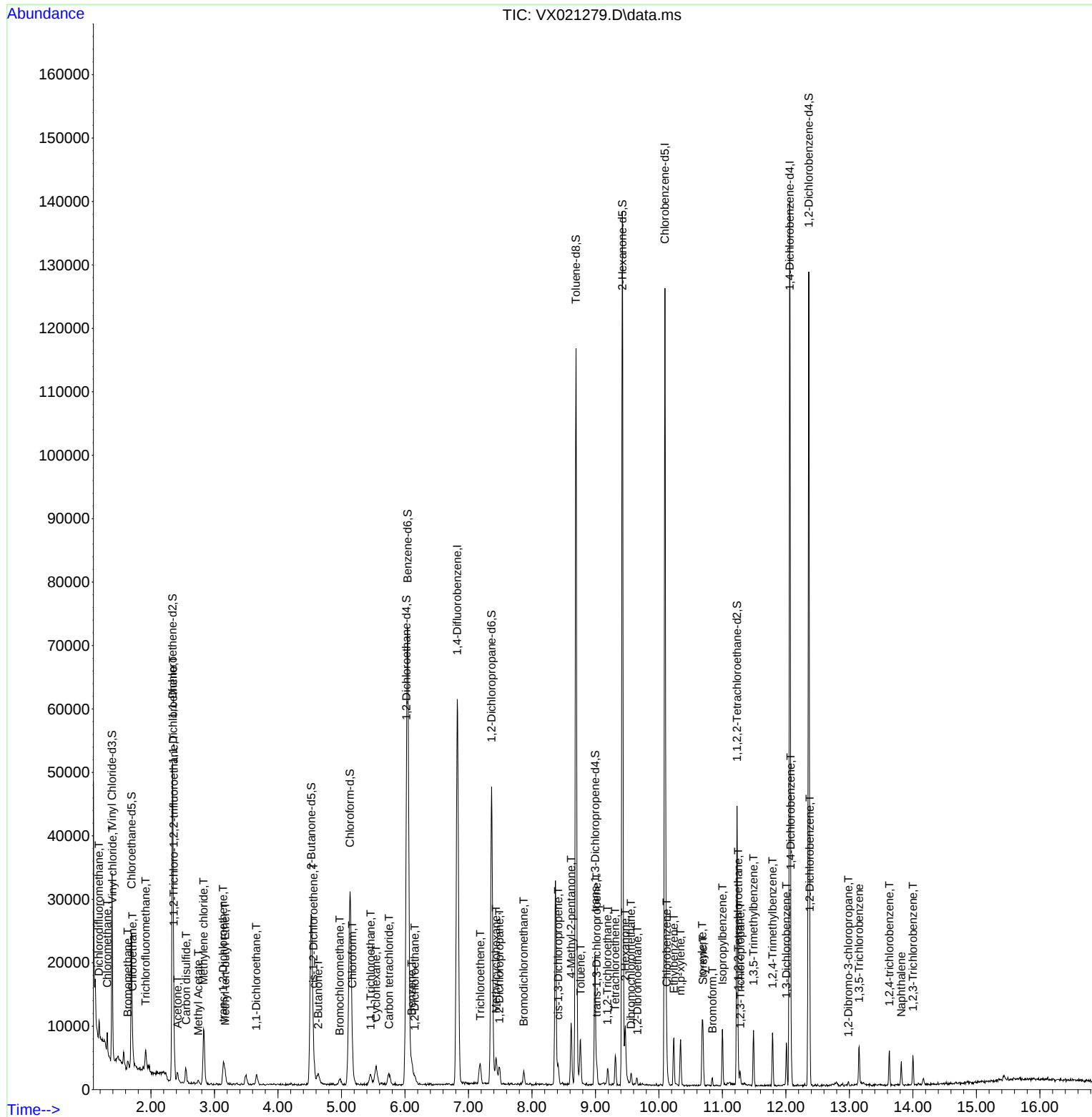
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.152	62	1265	0.22	ug/L #	73
29) 1,1,1-Trichloroethane	5.458	97	1564	0.21	ug/L	93
30) Cyclohexane	5.546	56	1672	0.22	ug/L #	90
31) Carbon tetrachloride	5.747	117	1399	0.21	ug/L	98
33) Benzene	6.105	78	3578	0.21	ug/L	100
34) Trichloroethene	7.188	95	998	0.21	ug/L	91
35) Methylcyclohexane	7.435	83	1521	0.20	ug/L	91
37) 1,2-Dichloropropane	7.488	63	905	0.21	ug/L #	85
38) Bromodichloromethane	7.870	83	1332	0.22	ug/L	91
39) cis-1,3-Dichloropropene	8.412	75	1256	0.19	ug/L	95
40) 4-Methyl-2-pentanone	8.617	43	5897	2.14	ug/L #	78
42) Toluene	8.765	91	3968	0.22	ug/L	96
44) trans-1,3-Dichloropropene	9.018	75	1691	0.30	ug/L	88
45) 1,1,2-Trichloroethane	9.188	97	632	0.22	ug/L #	84
47) Tetrachloroethene	9.312	164	842	0.24	ug/L	90
48) 2-Hexanone	9.471	43	4757	2.40	ug/L #	89
49) Dibromochloromethane	9.559	129	767	0.21	ug/L	85
50) 1,2-Dibromoethane	9.659	107	644	0.23	ug/L #	80
51) Chlorobenzene	10.124	112	2397	0.21	ug/L	95
52) Ethylbenzene	10.235	91	4155	0.20	ug/L	91
53) m,p-xylene	10.341	106	1484	0.19	ug/L	70
54) o-xylene	10.682	106	1507	0.21	ug/L	99
55) Styrene	10.694	104	2424	0.19	ug/L	85
57) 1,1,2,2-Tetrachloroethane	11.247	83	796	0.23	ug/L #	93
59) Bromoform	10.841	173	370	0.20	ug/L #	84
60) Isopropylbenzene	11.000	105	4119	0.22	ug/L	97
61) 1,2,3-Trichloropropane	11.283	75	629	0.24	ug/L	95
62) 1,3,5-Trimethylbenzene	11.488	105	3379	0.21	ug/L	96
63) 1,2,4-Trimethylbenzene	11.788	105	3363	0.21	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	1726	0.20	ug/L	93
65) 1,4-Dichlorobenzene	12.077	146	2050	0.24	ug/L	93
67) 1,2-Dichlorobenzene	12.377	146	1775	0.23	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.983	75	150	0.24	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.153	180	1454	0.23	ug/L	95
70) 1,2,4-trichlorobenzene	13.630	180	1099	0.20	ug/L	90
71) Naphthalene	13.818	128	2027	0.21	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.001	180	1004	0.21	ug/L	99

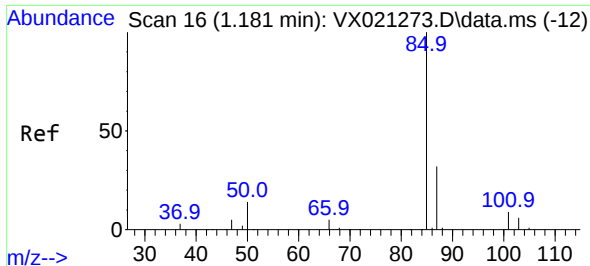
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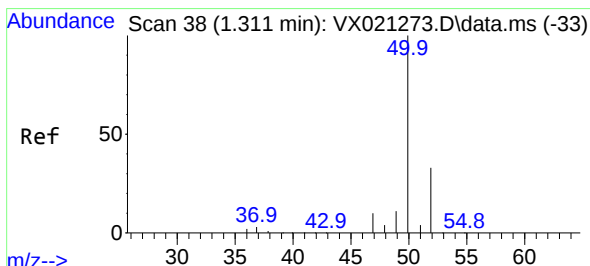
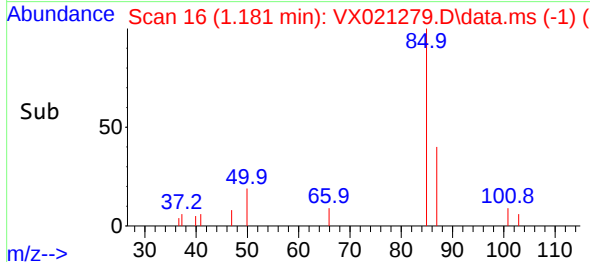
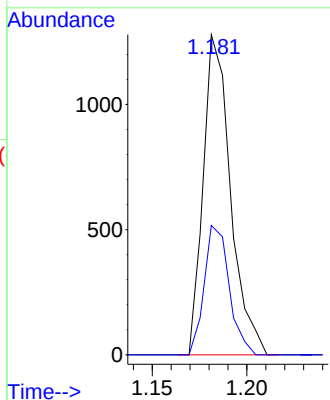
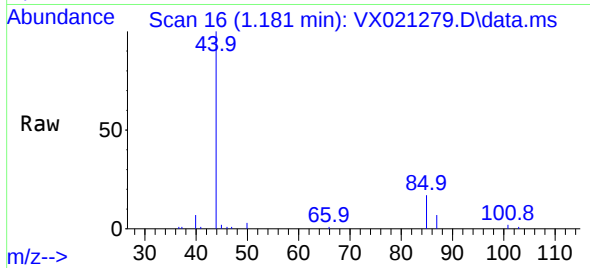




#2
Dichlorodifluoromethane
Concen: 0.19 ug/L
RT: 1.181 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

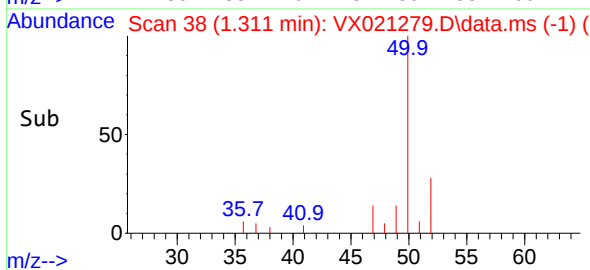
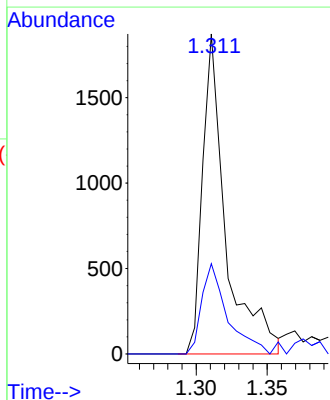
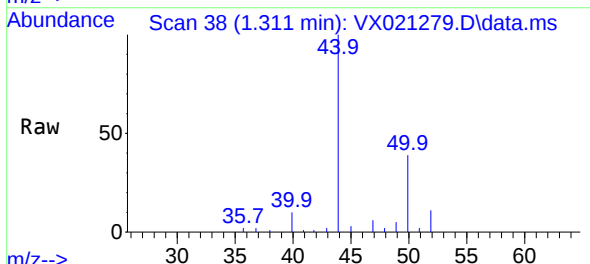
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

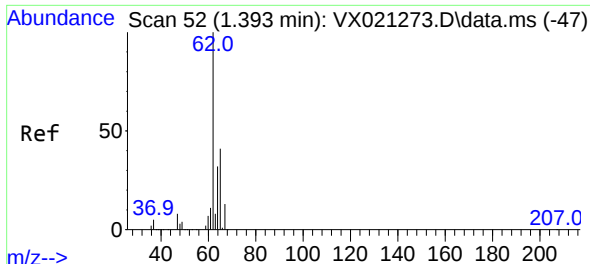
Tgt Ion: 85 Resp: 1280
Ion Ratio Lower Upper
85 100
87 36.9 25.8 38.8



#3
Chloromethane
Concen: 0.33 ug/L
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 50 Resp: 2140
Ion Ratio Lower Upper
50 100
52 28.2 23.5 43.7

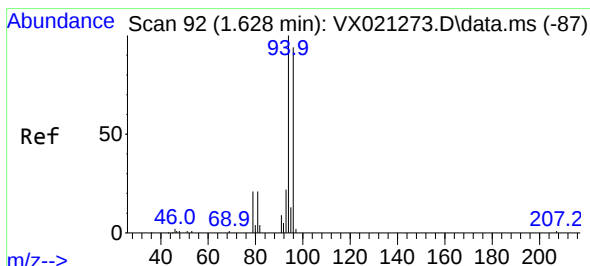
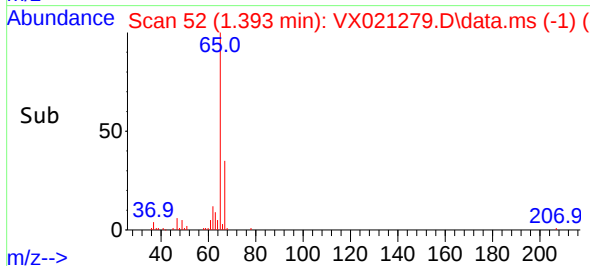
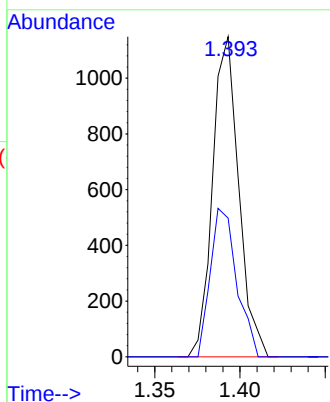
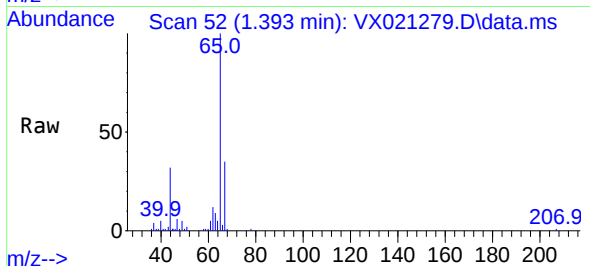




#5
 Vinyl chloride
 Concen: 0.24 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VX021279.D
 Acq: 18 Mar 2021 14:27

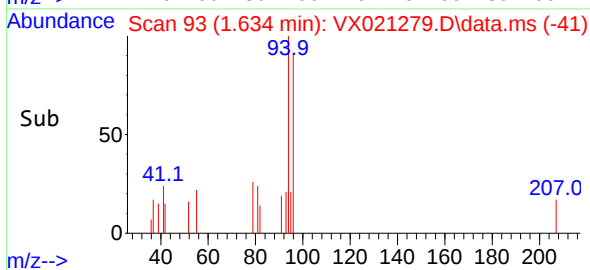
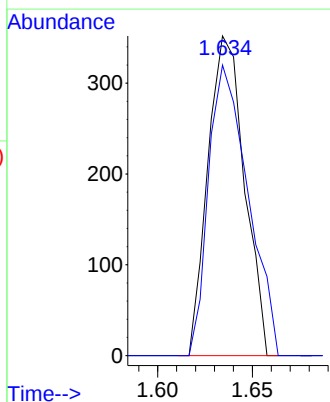
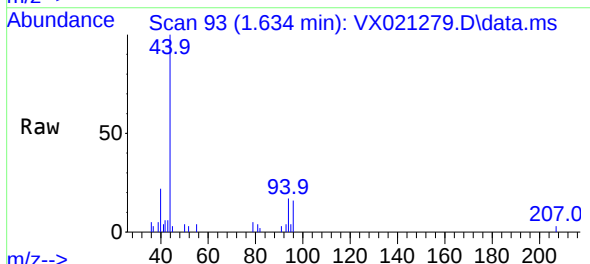
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2021-03

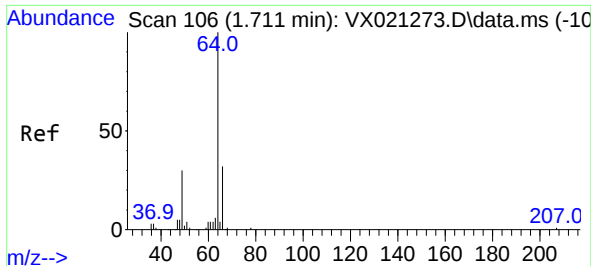
Tgt Ion: 62 Resp: 1225
 Ion Ratio Lower Upper
 62 100
 64 43.3 23.2 43.2#



#6
 Bromomethane
 Concen: 0.23 ug/L
 RT: 1.634 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: VX021279.D
 Acq: 18 Mar 2021 14:27

Tgt Ion: 94 Resp: 471
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.7 121.9

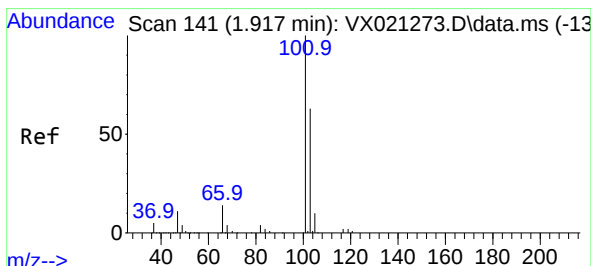
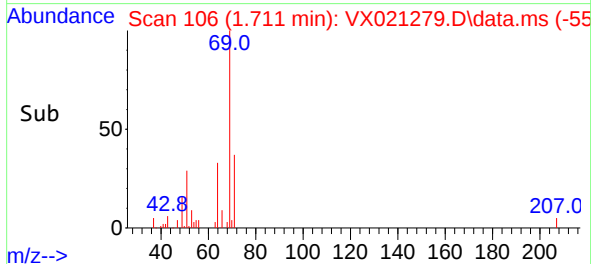
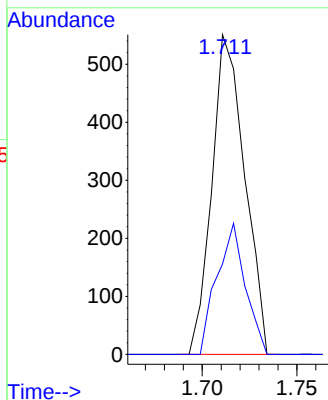
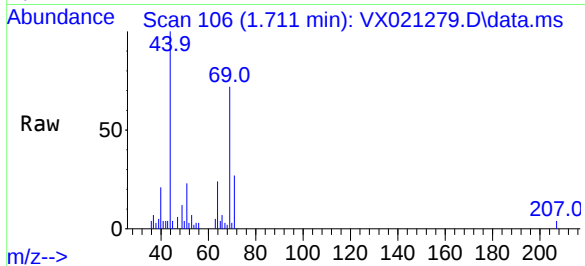




#8
Chloroethane
Concen: 0.23 ug/L
RT: 1.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

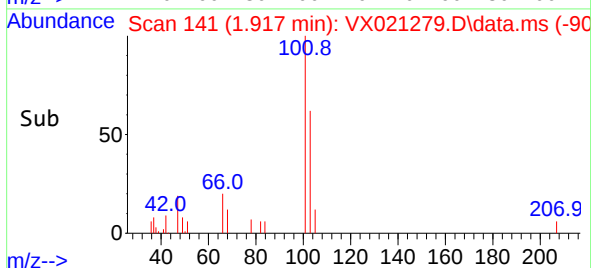
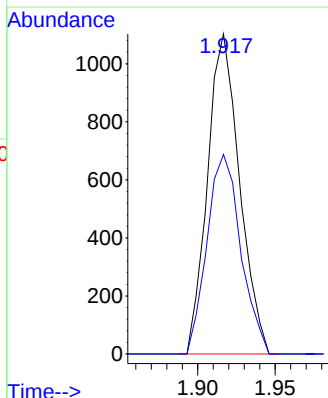
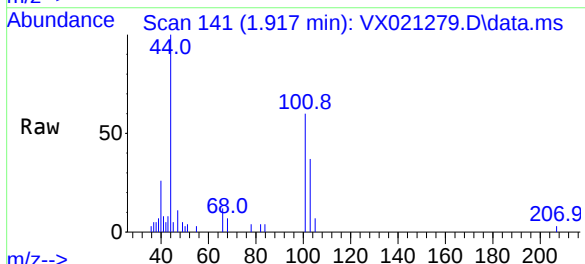
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

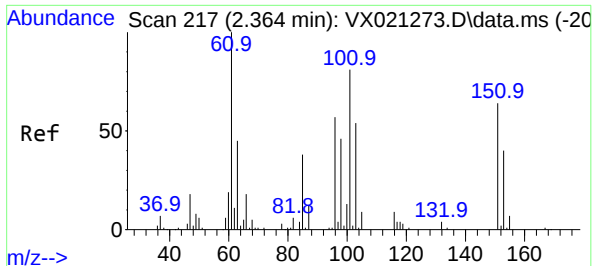
Tgt Ion: 64 Resp: 664
Ion Ratio Lower Upper
64 100
66 28.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.21 ug/L
RT: 1.917 min Scan# 141
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 101 Resp: 1587
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.25 ug/L

RT: 2.358 min Scan# 216

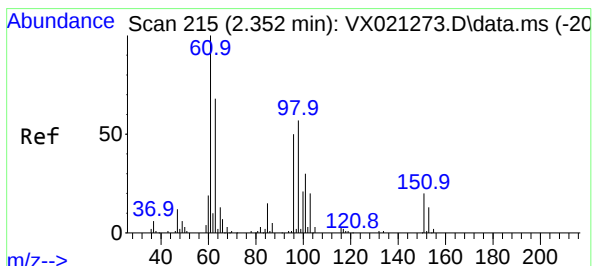
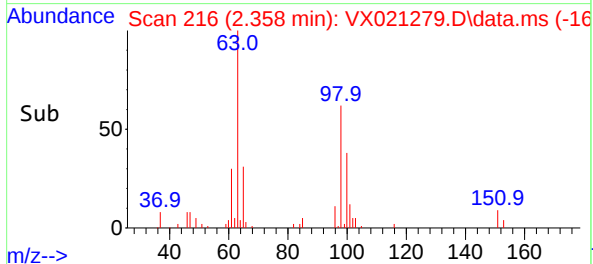
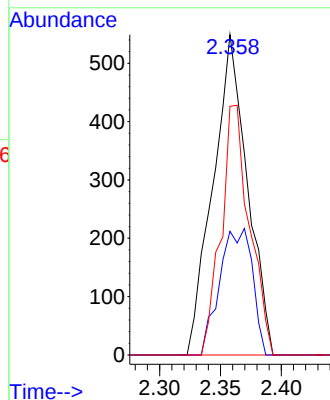
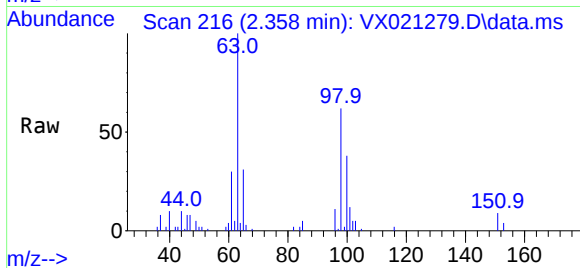
Delta R.T. -0.006 min

Lab File: VX021279.D

Acq: 18 Mar 2021 14:27

Tgt Ion:	101	Resp:	1077
Ion	Ratio	Lower	Upper
101	100		
85	37.6	34.9	52.3
151	64.4	61.0	91.6

Instrument :
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ClientSampleId :
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#12

1,1-Dichloroethene

Concen: 0.27 ug/L

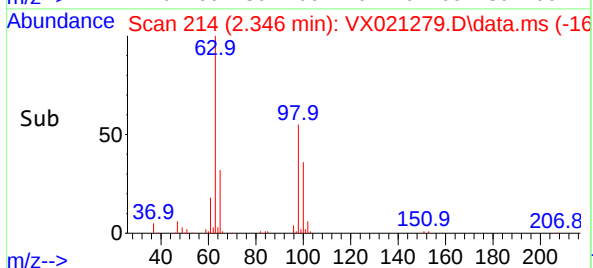
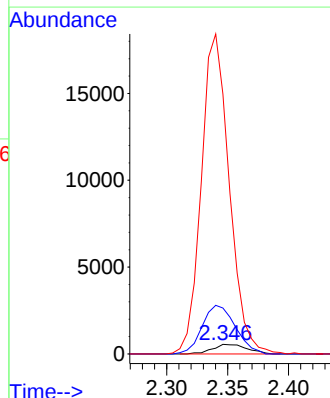
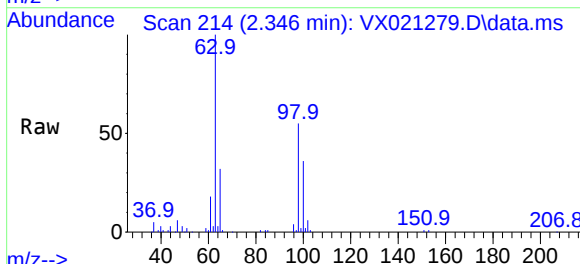
RT: 2.346 min Scan# 214

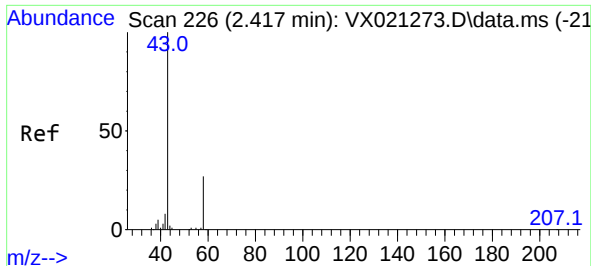
Delta R.T. -0.006 min

Lab File: VX021279.D

Acq: 18 Mar 2021 14:27

Tgt Ion:	96	Resp:	1090
Ion	Ratio	Lower	Upper
96	100		
61	481.8	118.2	219.6#
63	2725.1	74.2	137.8#

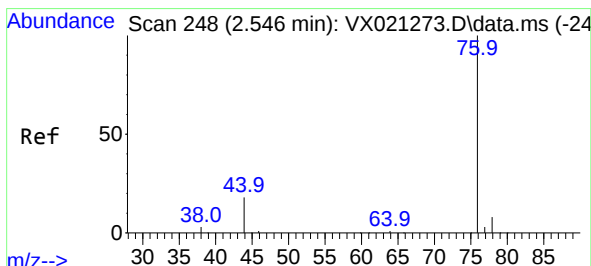
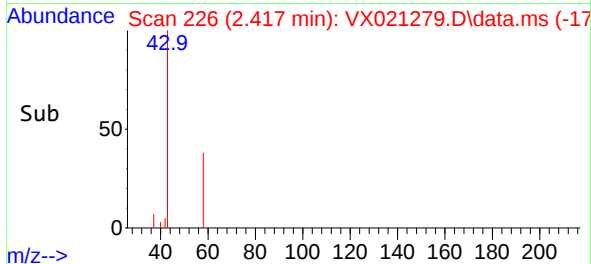
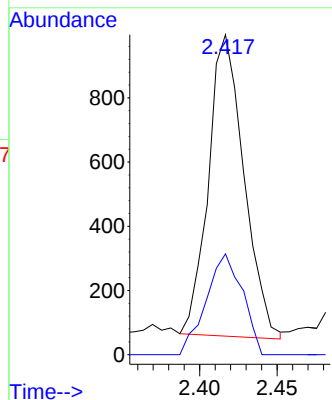
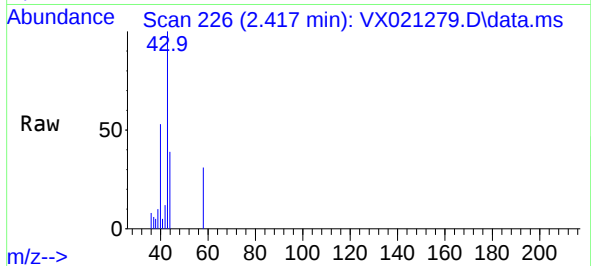




#13
Acetone
Concen: 2.20 ug/L
RT: 2.417 min Scan# 226
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

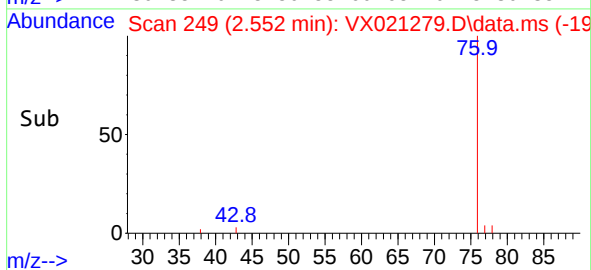
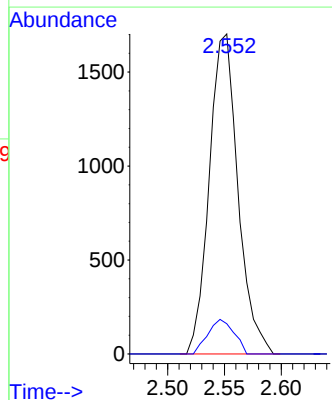
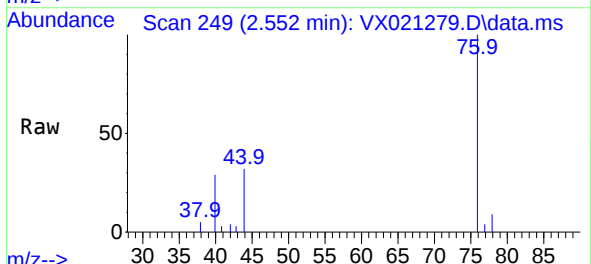
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ClientSampleId :
MDL-WATER-QT2-2021-03

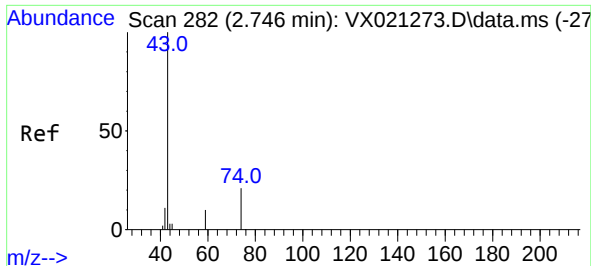
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 34.1 0.0 70.4



#14
Carbon disulfide
Concen: 0.23 ug/L
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 76 Resp: 2999
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

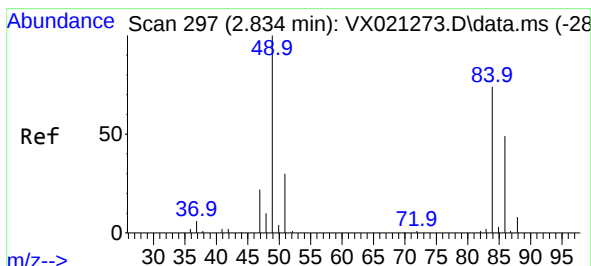
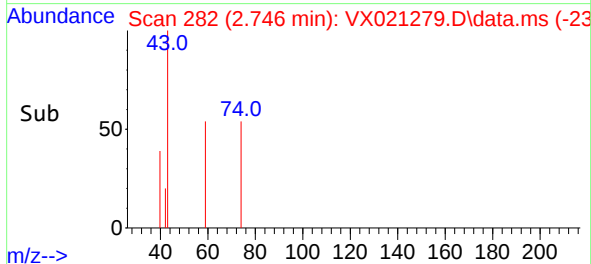
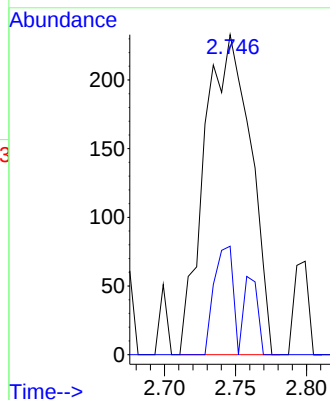
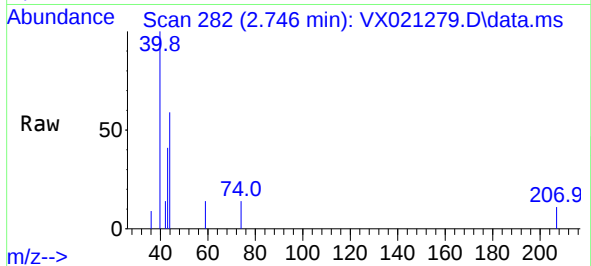




#15
Methyl Acetate
Concen: 0.28 ug/L
RT: 2.746 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

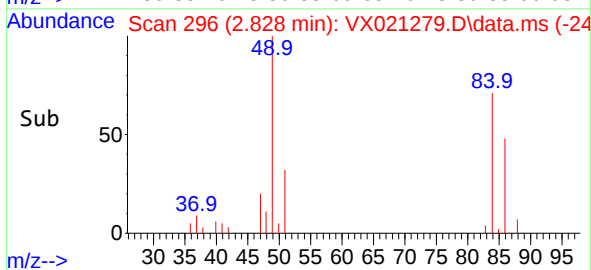
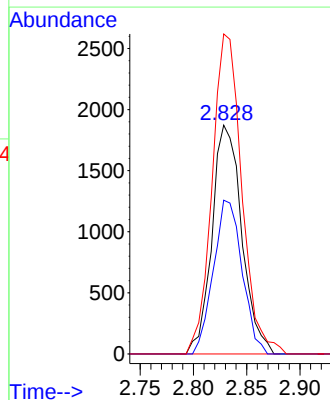
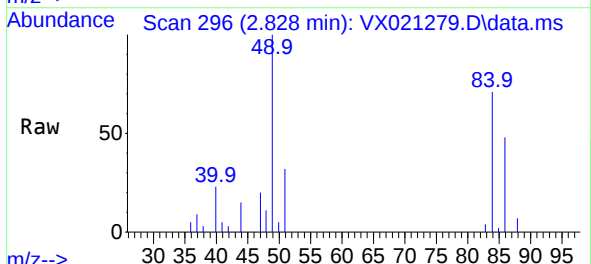
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

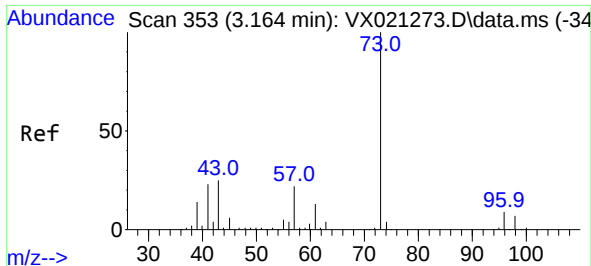
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
74 13.8 21.1 31.7#



#16
Methylene chloride
Concen: 0.72 ug/L
RT: 2.828 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 84 Resp: 3633
Ion Ratio Lower Upper
84 100
86 67.2 44.6 82.8
49 139.9 79.5 147.6



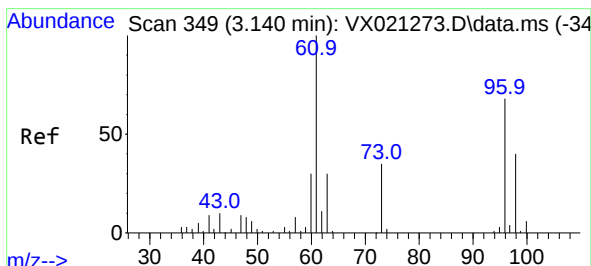
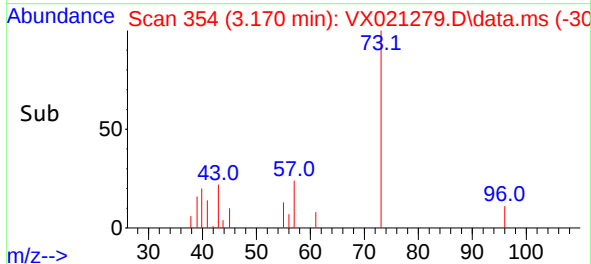
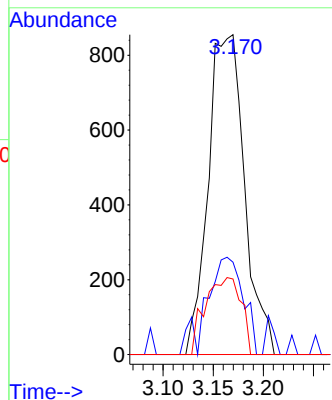
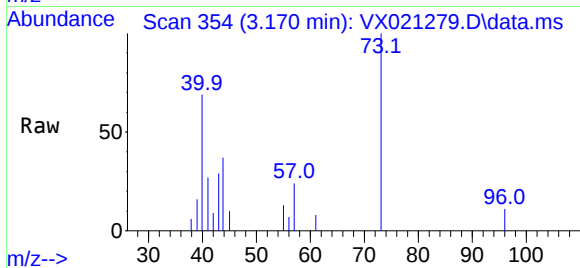


#17

Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

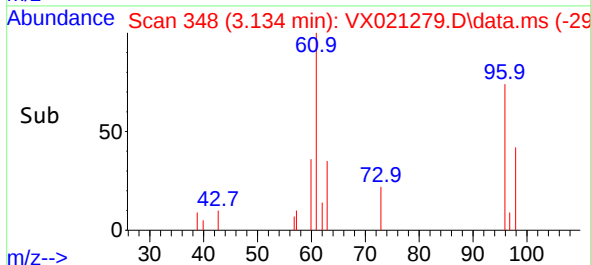
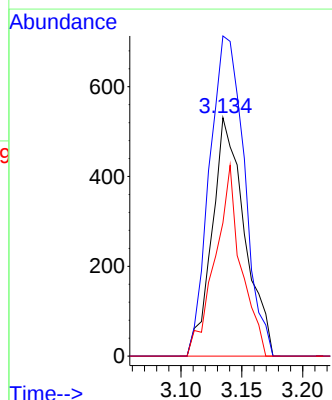
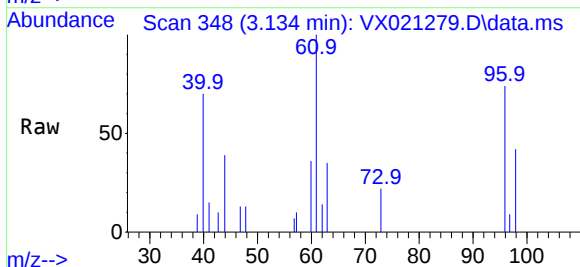
Tgt Ion: 73 Resp: 2150
Ion Ratio Lower Upper
73 100
43 30.9 15.1 22.7#
57 23.8 17.4 26.2

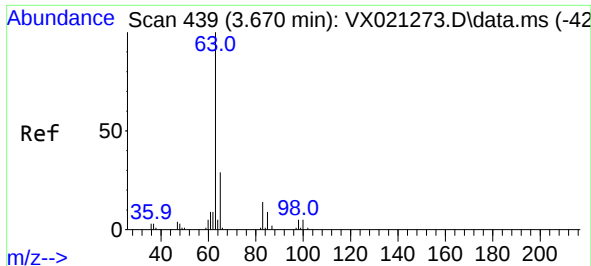


#18

trans-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 3.134 min Scan# 348
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 96 Resp: 988
Ion Ratio Lower Upper
96 100
61 134.3 95.4 177.2
98 55.9 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.22 ug/L

RT: 3.658 min Scan# 437

Delta R.T. -0.012 min

Lab File: VX021279.D

Acq: 18 Mar 2021 14:27

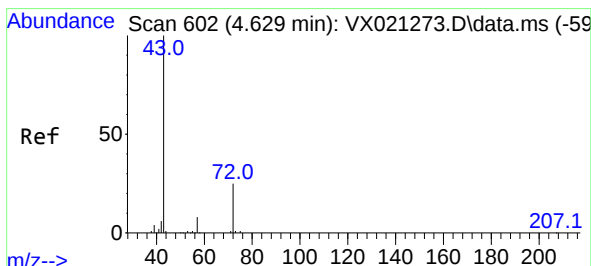
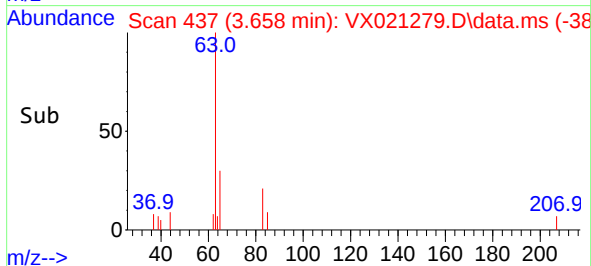
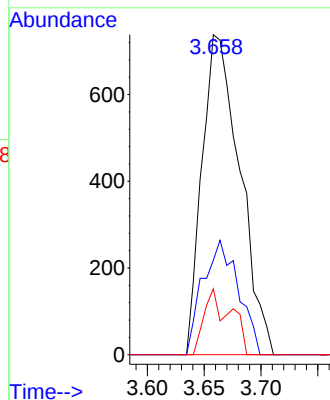
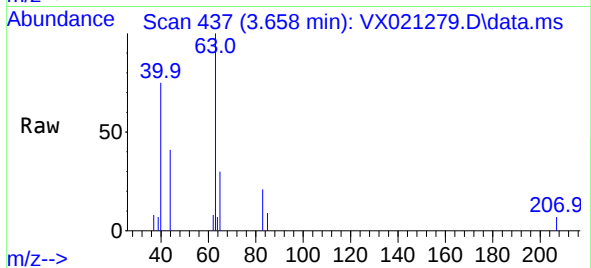
Tgt Ion: 63 Resp: 1706

Ion Ratio Lower Upper

63 100

65 27.5 21.8 40.6

83 19.2 9.6 17.8#



#21

2-Butanone

Concen: 2.38 ug/L

RT: 4.635 min Scan# 603

Delta R.T. 0.006 min

Lab File: VX021279.D

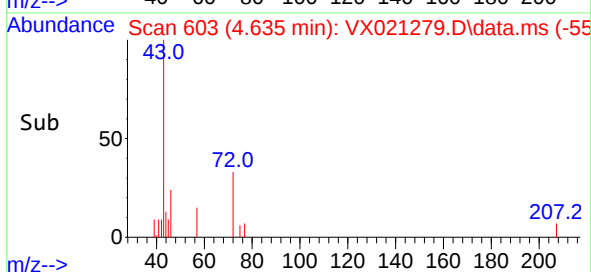
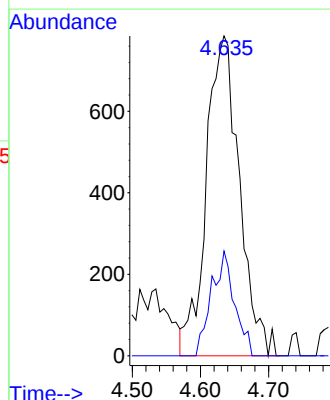
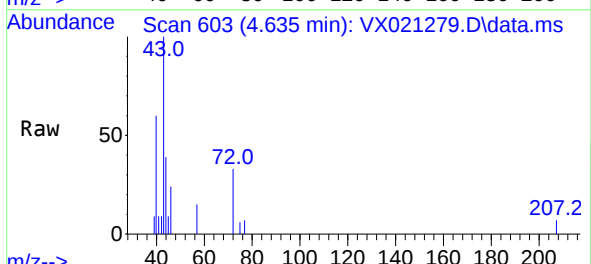
Acq: 18 Mar 2021 14:27

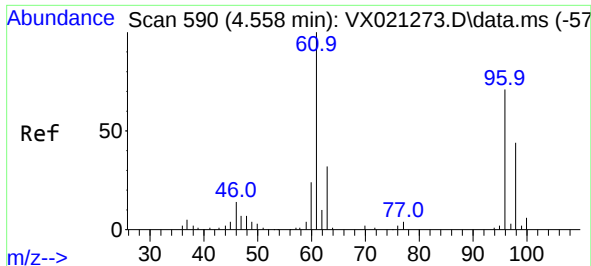
Tgt Ion: 43 Resp: 2655

Ion Ratio Lower Upper

43 100

72 22.7 14.8 44.4



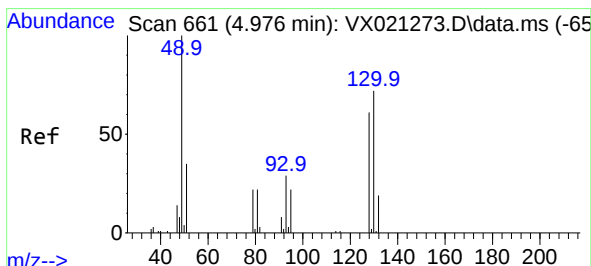
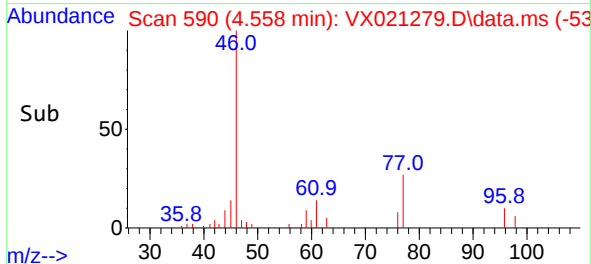
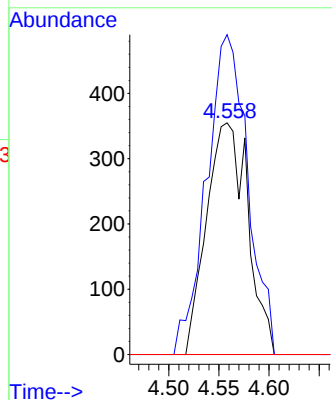
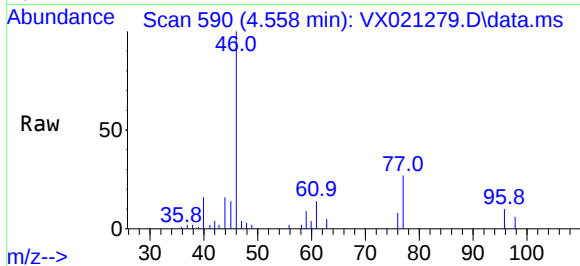


#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 4.558 min Scan# 590
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 96 Resp: 1017

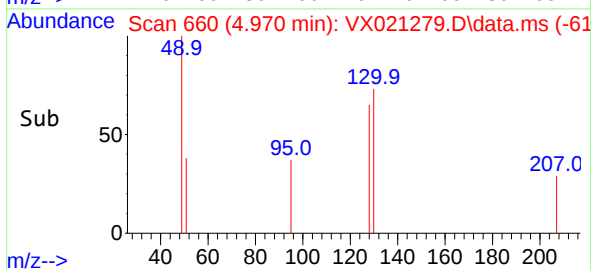
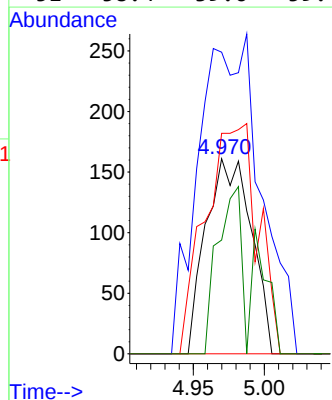
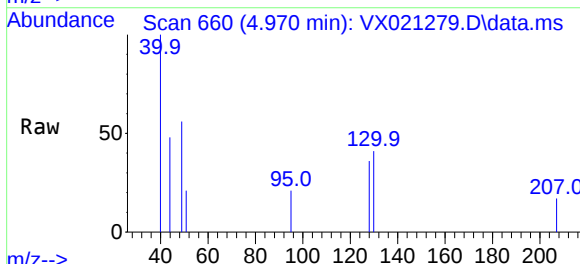
Ion	Ratio	Lower	Upper
96	100		
61	138.0	85.9	159.5
68	0.0	0.0	0.0

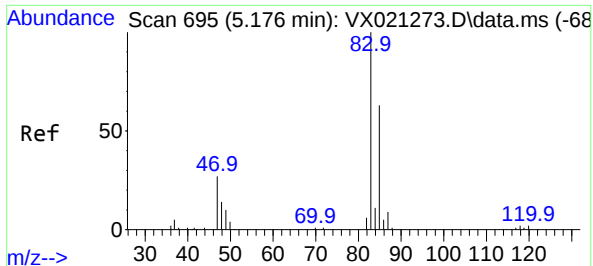


#23
Bromochloromethane
Concen: 0.20 ug/L
RT: 4.970 min Scan# 660
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 128 Resp: 359

Ion	Ratio	Lower	Upper
128	100		
49	154.7	103.2	191.6
130	113.0	89.1	165.5
51	58.4	39.6	59.4



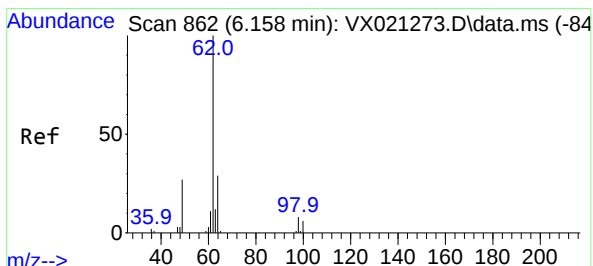
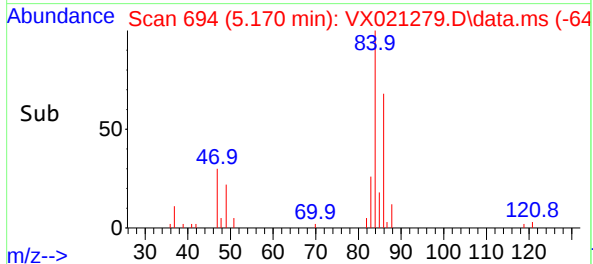
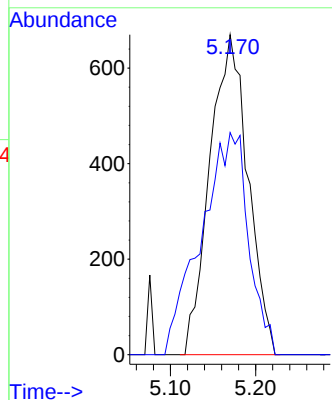
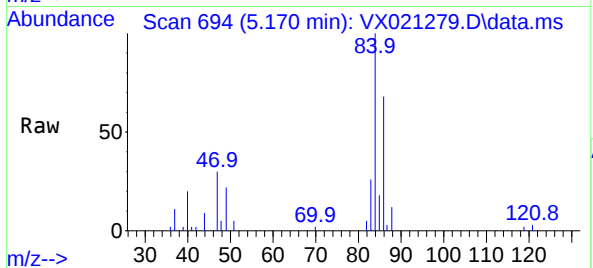


#25

Chloroform
Concen: 0.25 ug/L
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

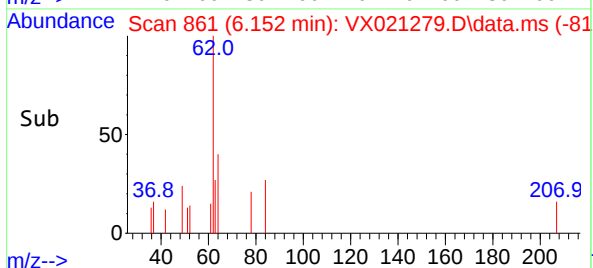
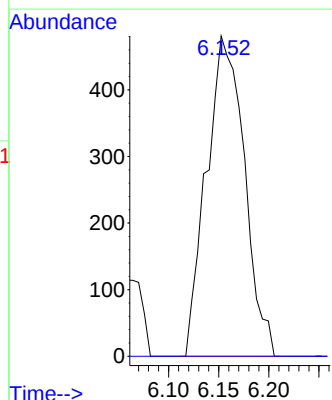
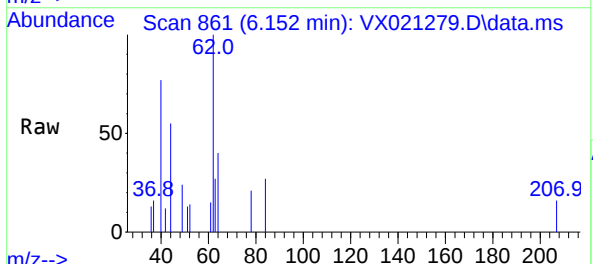
Tgt Ion: 83 Resp: 2083
Ion Ratio Lower Upper
83 100
85 69.4 45.6 84.8

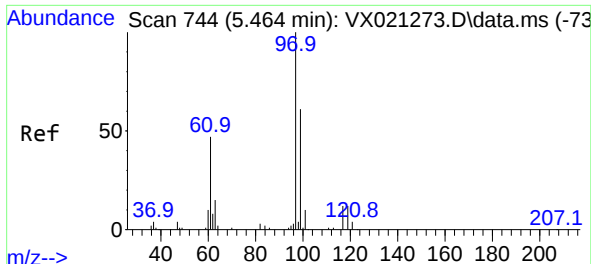


#27

1,2-Dichloroethane
Concen: 0.22 ug/L
RT: 6.152 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 62 Resp: 1265
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



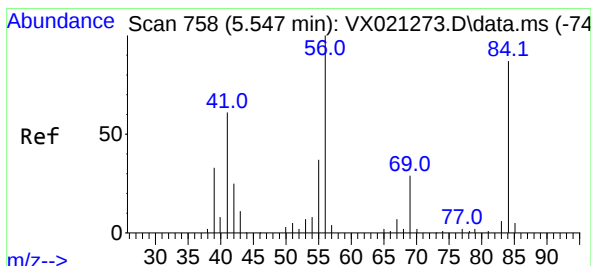
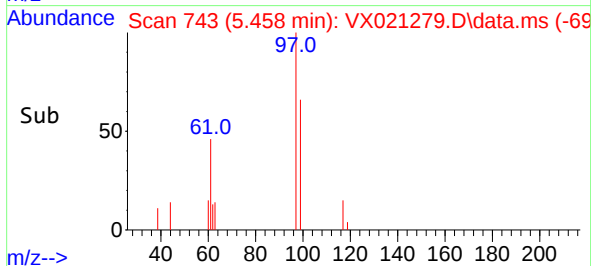
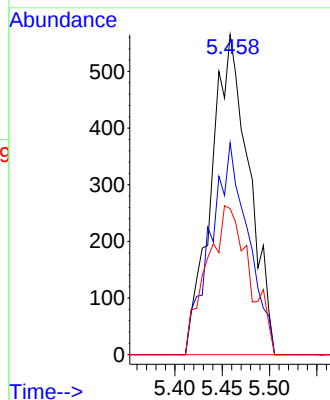
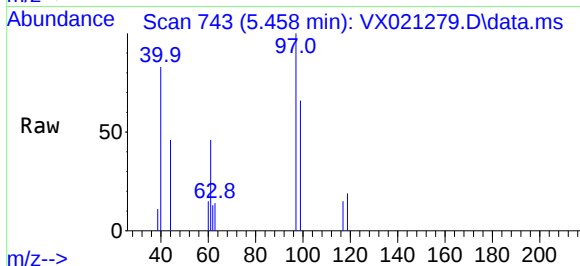


#29

1,1,1-Trichloroethane
Concen: 0.21 ug/L
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

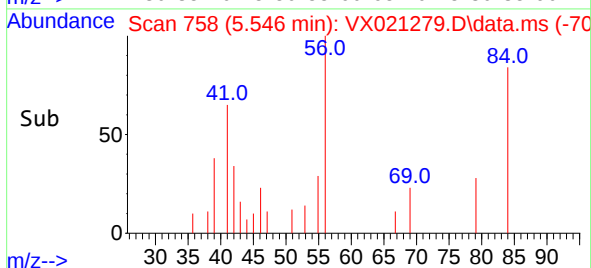
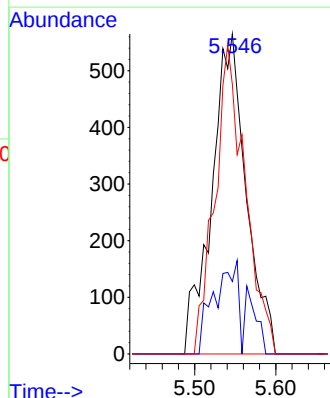
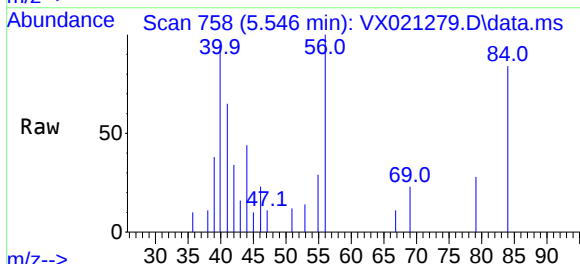
Tgt Ion:	97	Resp:	1564
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.2	76.8
61	52.7	35.3	52.9

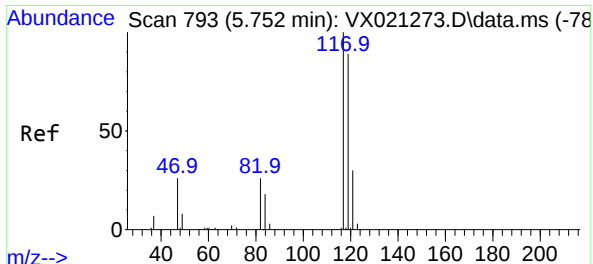


#30

Cyclohexane
Concen: 0.22 ug/L
RT: 5.546 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	56	Resp:	1672
Ion	Ratio	Lower	Upper
56	100		
69	19.9	25.8	38.6#
84	85.0	72.4	108.6

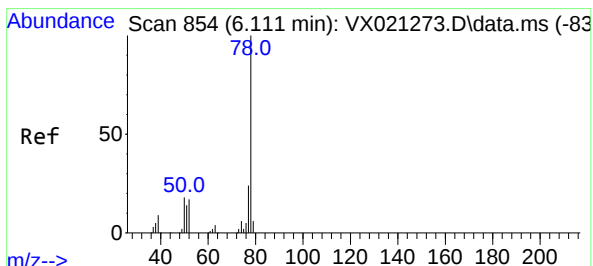
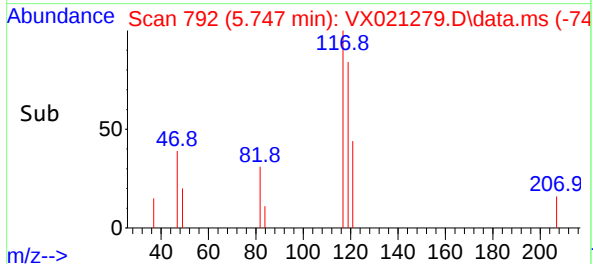
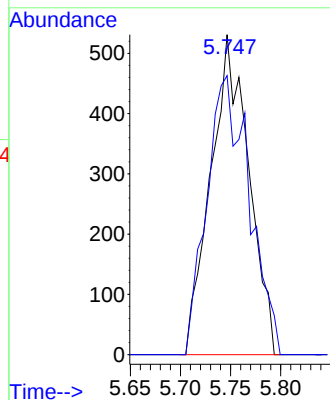
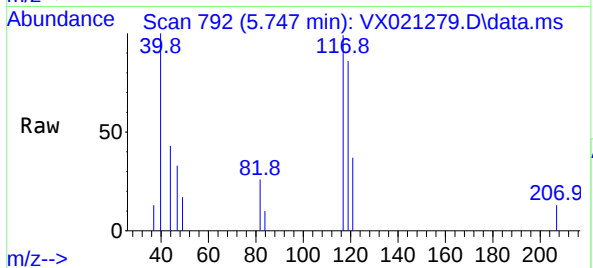




#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 5.747 min Scan# 792
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

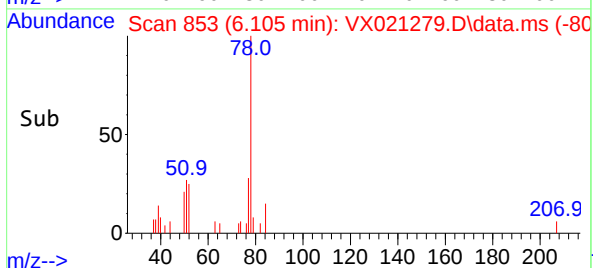
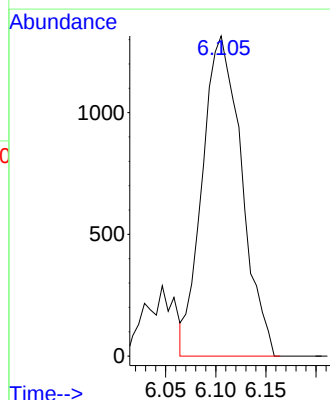
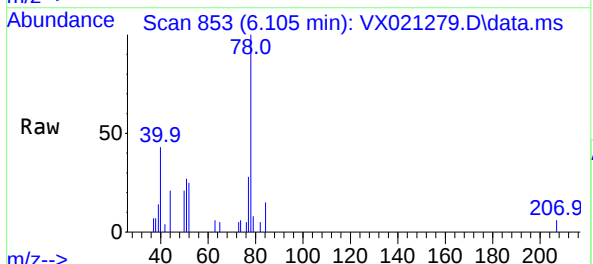
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

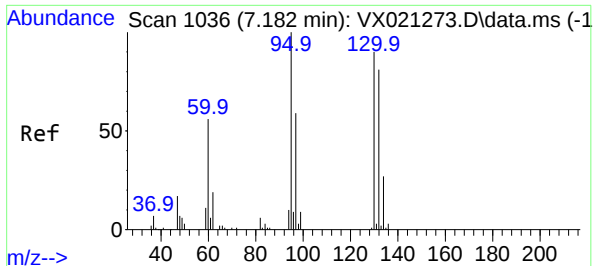
Tgt Ion:117 Resp: 1399
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4



#33
Benzene
Concen: 0.21 ug/L
RT: 6.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 78 Resp: 3578



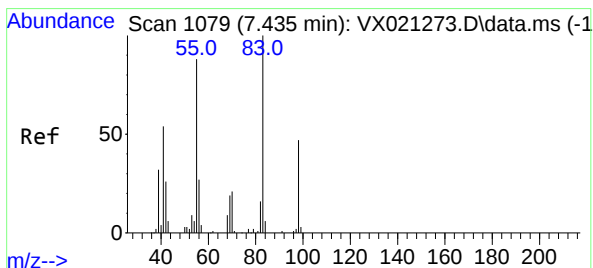
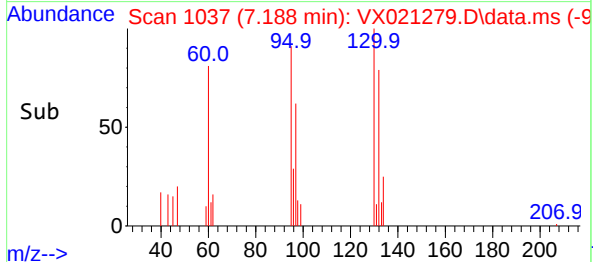
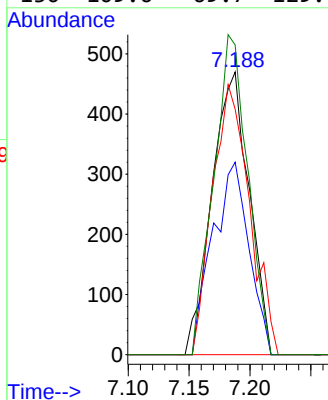
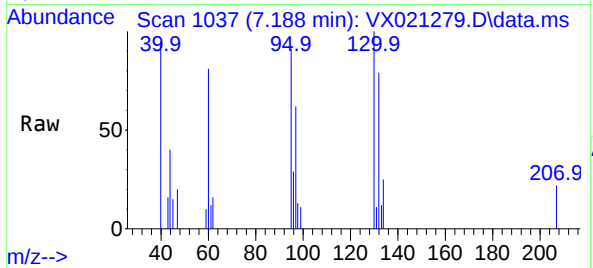


#34
Trichloroethene
Concen: 0.21 ug/L
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion: 95 Resp: 998

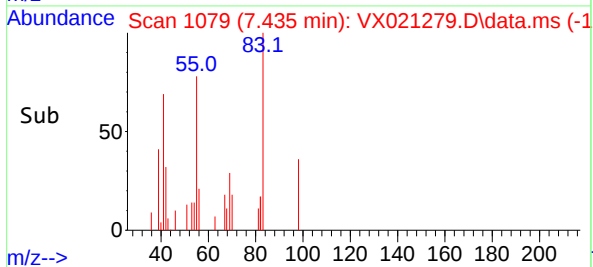
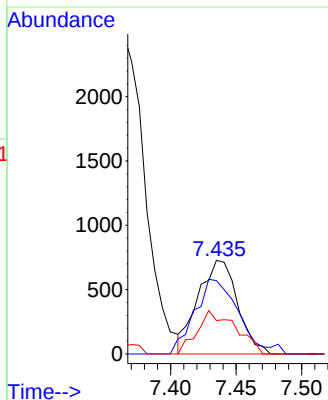
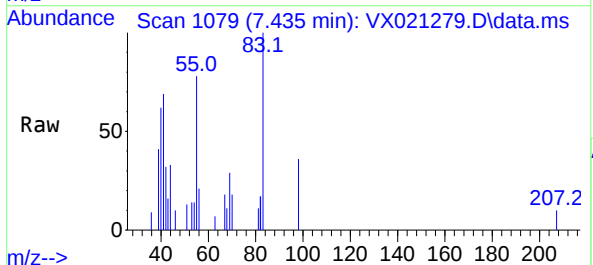
Ion	Ratio	Lower	Upper
95	100		
97	68.1	46.0	85.4
132	86.8	69.0	128.1
130	109.6	69.7	129.4

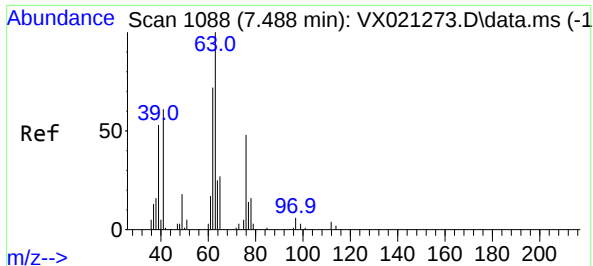


#35
Methylcyclohexane
Concen: 0.20 ug/L
RT: 7.435 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 83 Resp: 1521

Ion	Ratio	Lower	Upper
83	100		
55	88.6	63.4	95.0
98	45.3	39.2	58.8

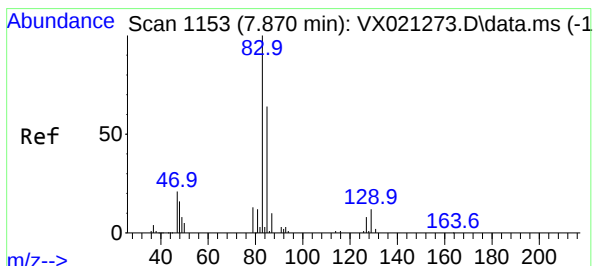
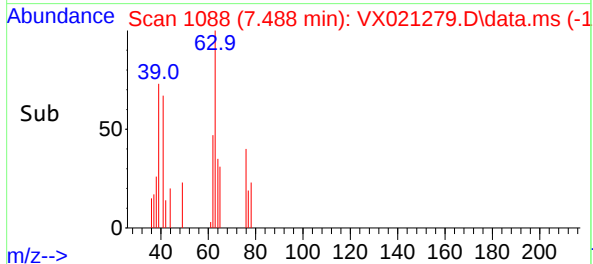
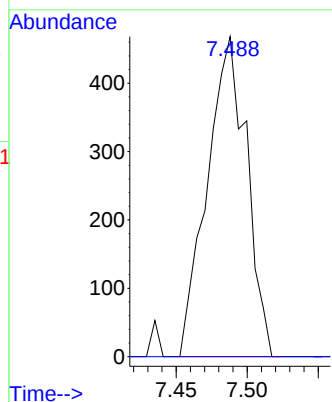
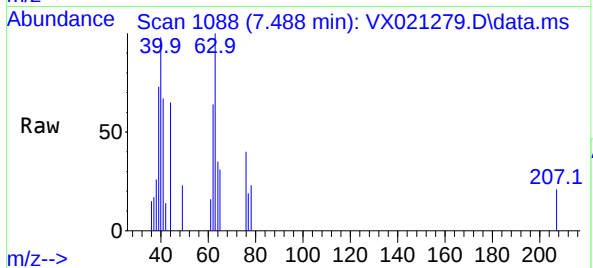




#37
1,2-Dichloropropane
Concen: 0.21 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

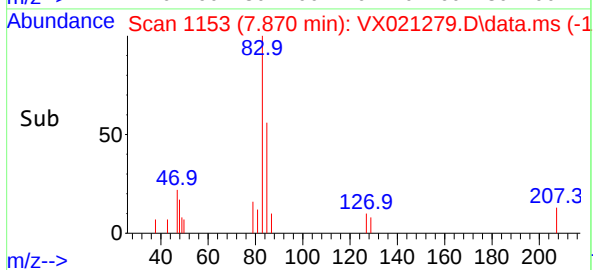
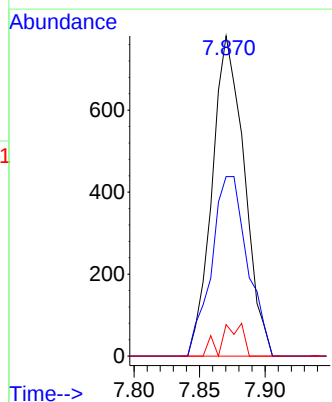
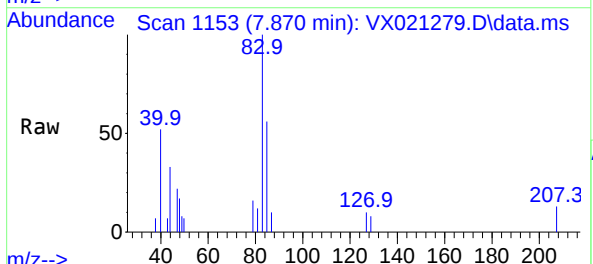
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

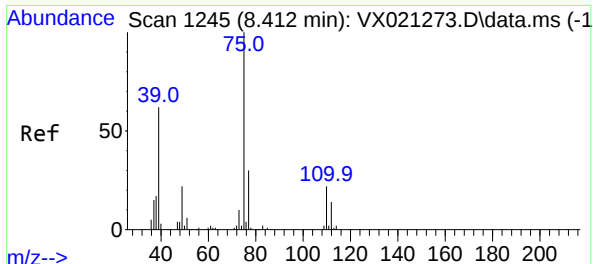
Tgt Ion: 63 Resp: 905
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.22 ug/L
RT: 7.870 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 83 Resp: 1332
Ion Ratio Lower Upper
83 100
85 56.1 44.6 82.8
127 9.9 7.0 10.4

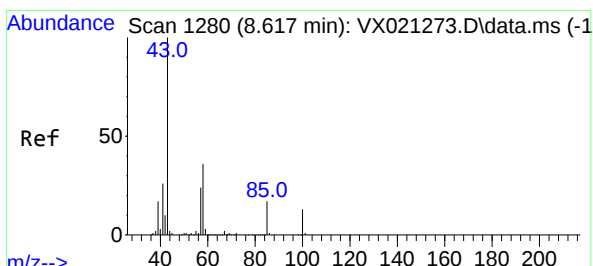
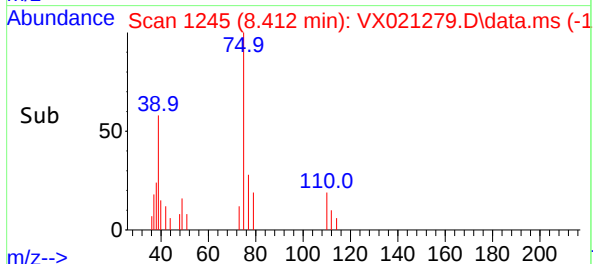
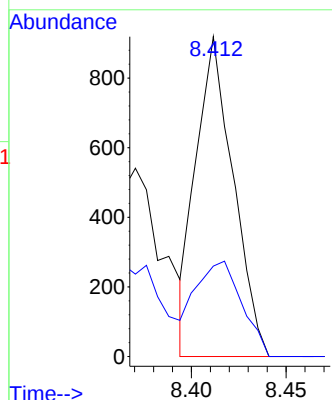
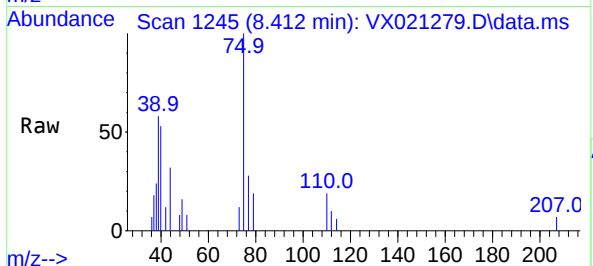




#39
cis-1,3-Dichloropropene
Concen: 0.19 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

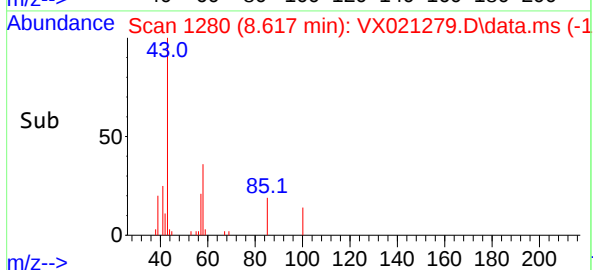
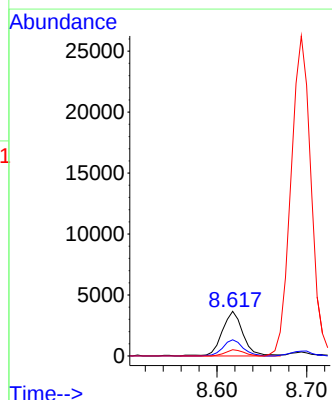
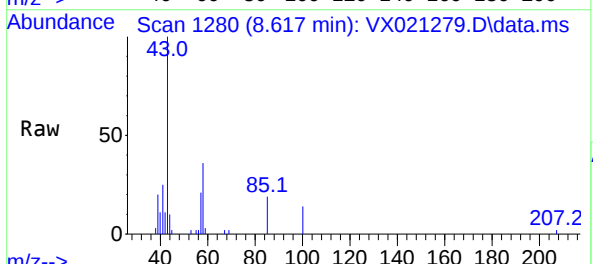
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

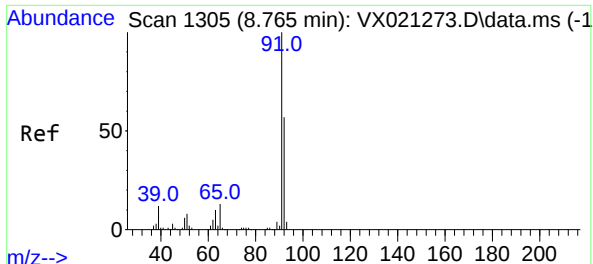
Tgt Ion: 75 Resp: 1256
Ion Ratio Lower Upper
75 100
77 28.3 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 2.14 ug/L
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 43 Resp: 5897
Ion Ratio Lower Upper
43 100
58 34.8 35.0 52.4#
100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.22 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VX021279.D

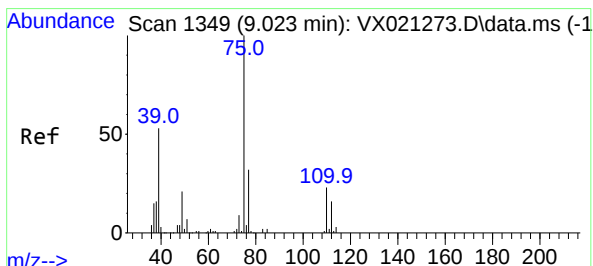
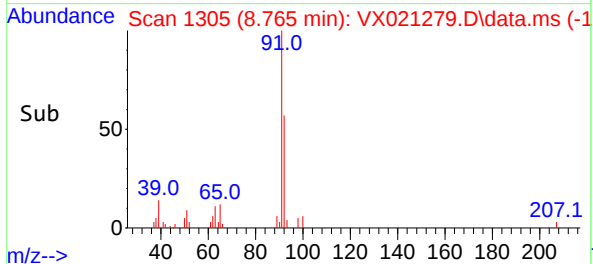
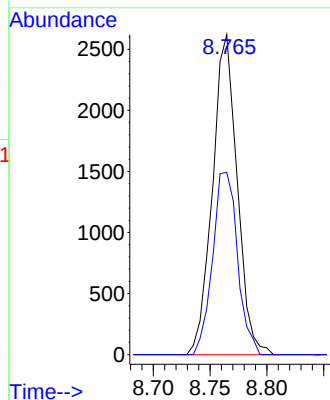
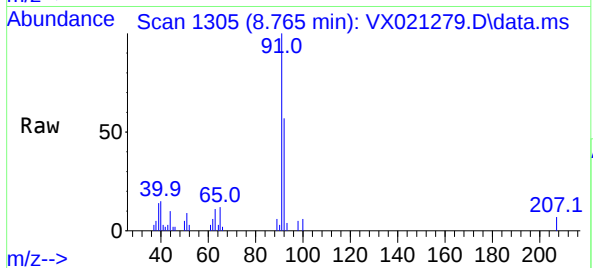
Acq: 18 Mar 2021 14:27

Tgt Ion: 91 Resp: 3968

Ion Ratio Lower Upper

91 100

92 57.0 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 0.30 ug/L

RT: 9.018 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX021279.D

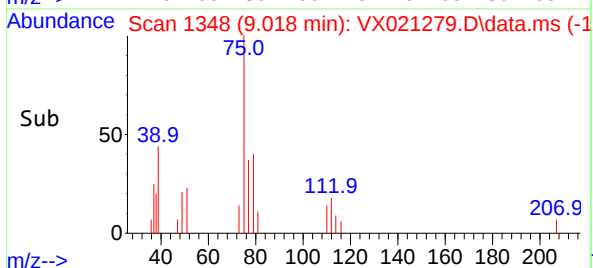
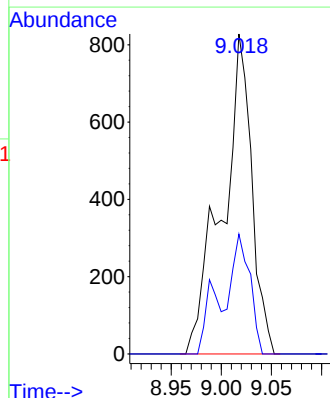
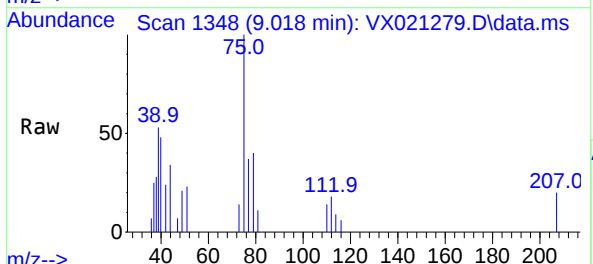
Acq: 18 Mar 2021 14:27

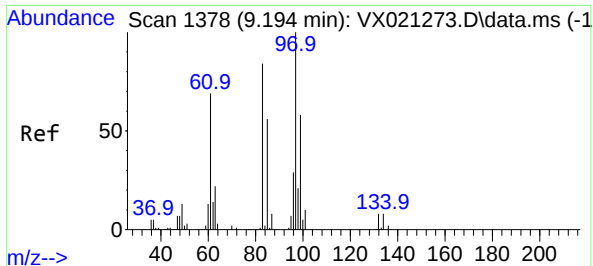
Tgt Ion: 75 Resp: 1691

Ion Ratio Lower Upper

75 100

77 37.4 21.7 40.3



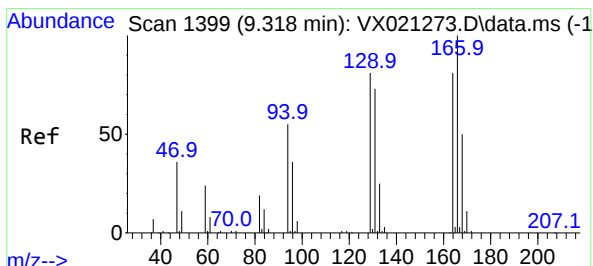
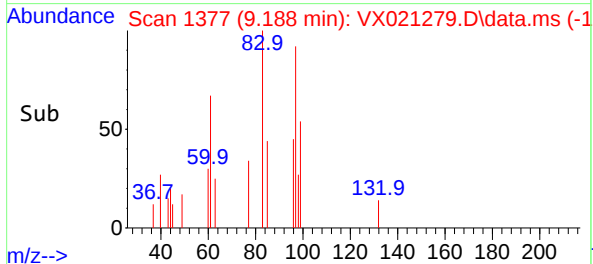
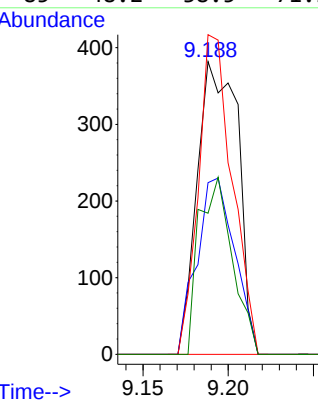
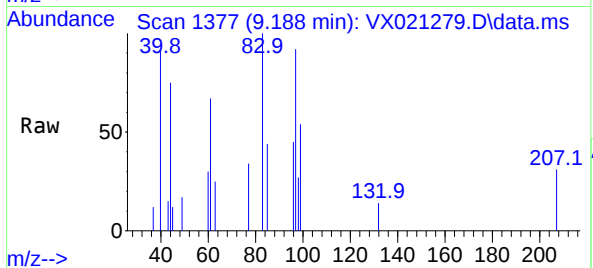


#45

1,1,2-Trichloroethane
Concen: 0.22 ug/L
RT: 9.188 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

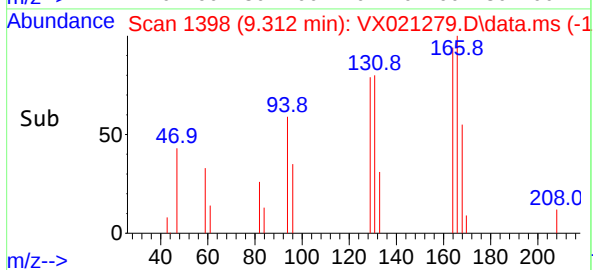
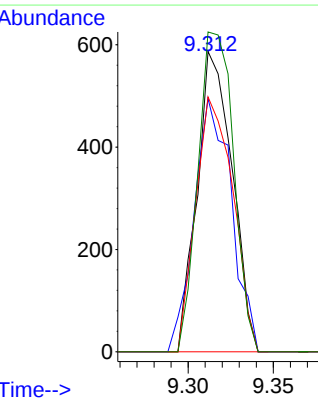
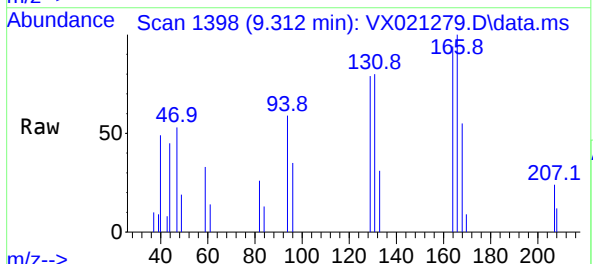
Tgt Ion:	97	Resp:	632
Ion	Ratio	Lower	Upper
97	100		
99	58.6	43.4	80.6
83	109.2	58.6	108.8#
85	48.2	38.5	71.5

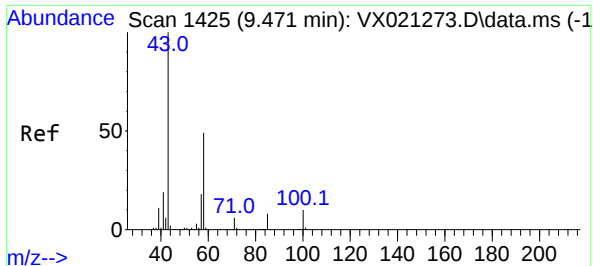


#47

Tetrachloroethene
Concen: 0.24 ug/L
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	164	Resp:	842
Ion	Ratio	Lower	Upper
164	100		
129	84.3	64.5	119.7
131	84.8	63.8	118.6
166	106.5	85.8	159.4

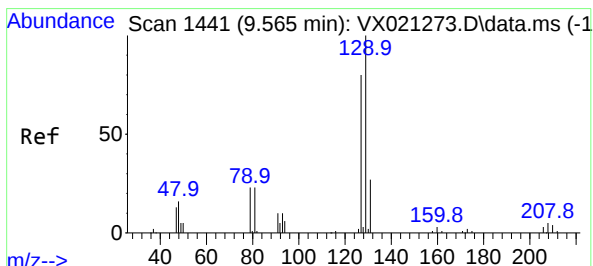
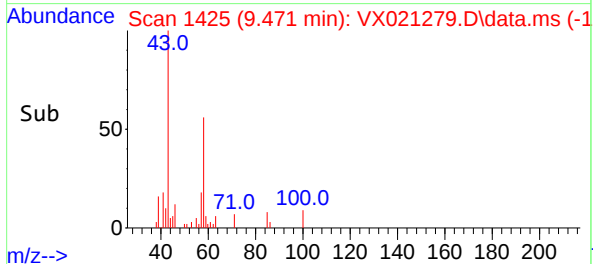
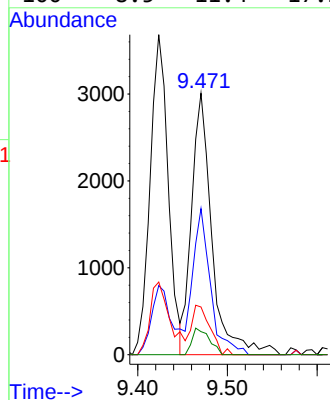
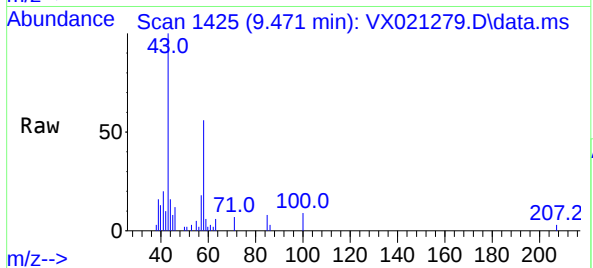




#48
2-Hexanone
Concen: 2.40 ug/L
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

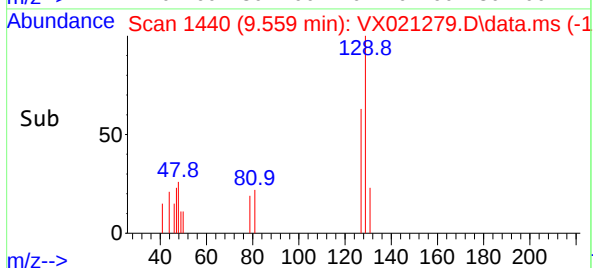
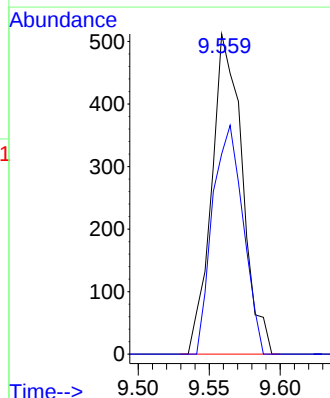
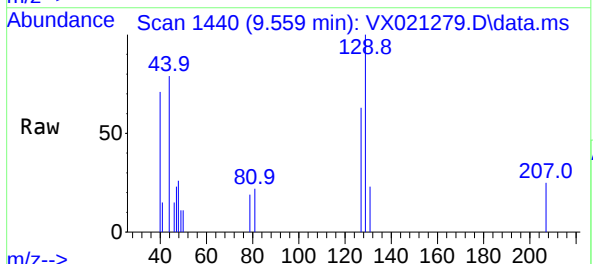
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

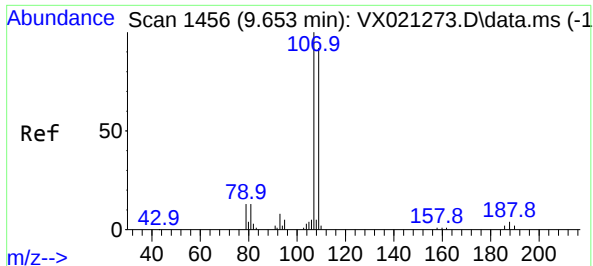
Tgt Ion:	43	Resp:	4757
Ion	Ratio	Lower	Upper
43	100		
58	51.8	48.8	73.2
57	17.2	16.6	25.0
100	8.5	11.4	17.2



#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 9.559 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	129	Resp:	767
Ion	Ratio	Lower	Upper
129	100		
127	62.5	53.0	98.4



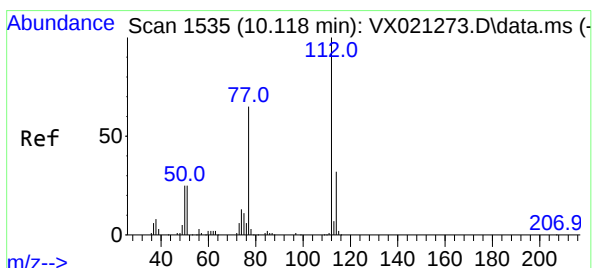
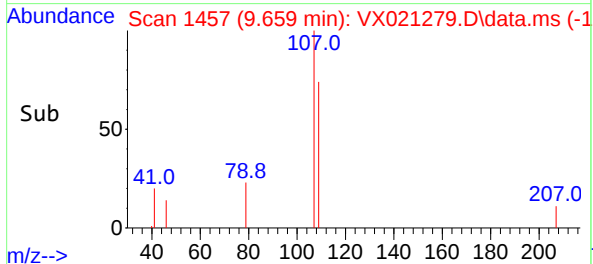
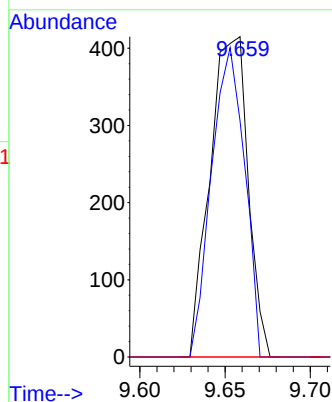
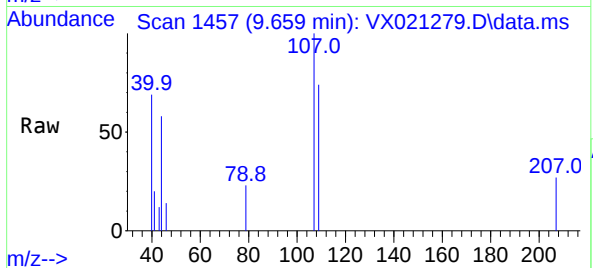


#50
1,2-Dibromoethane
Concen: 0.23 ug/L
RT: 9.659 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion:107 Resp: 644

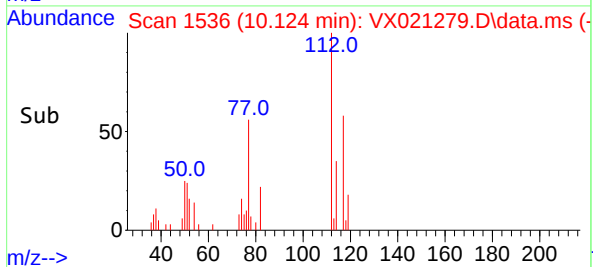
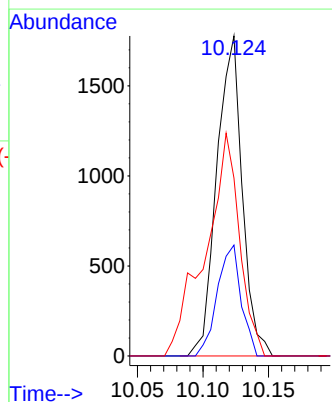
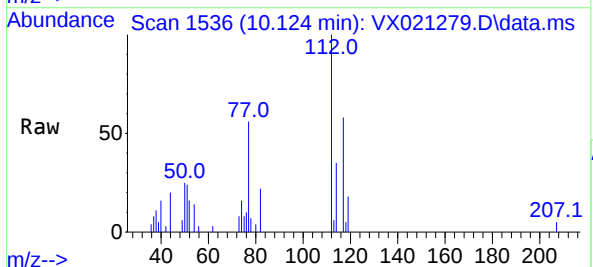
Ion	Ratio	Lower	Upper
107	100		
109	73.7	65.0	120.8
188	0.0	3.4	5.0#

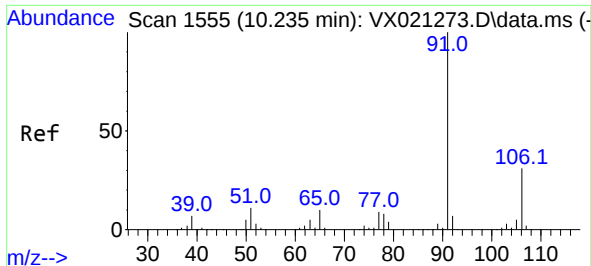


#51
Chlorobenzene
Concen: 0.21 ug/L
RT: 10.124 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:112 Resp: 2397

Ion	Ratio	Lower	Upper
112	100		
114	34.7	22.1	41.1
77	55.6	47.0	70.6

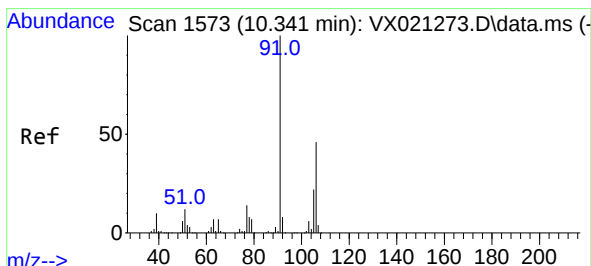
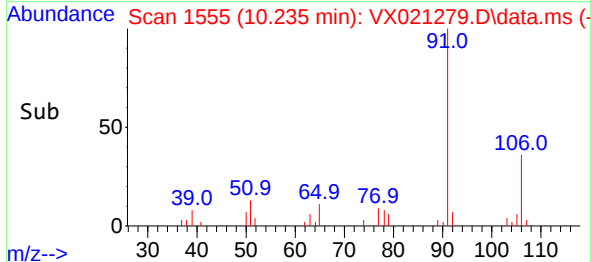
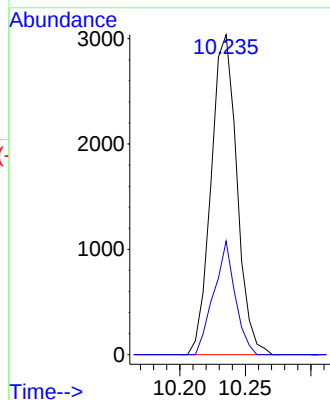
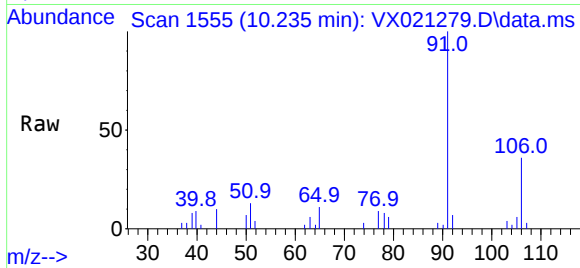




#52
Ethylbenzene
Concen: 0.20 ug/L
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

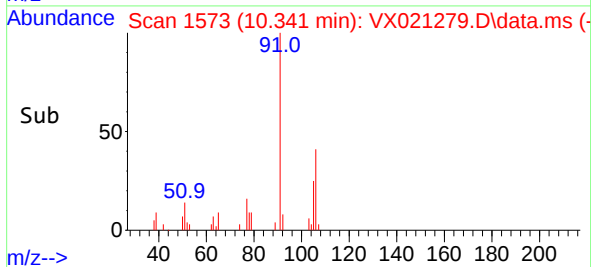
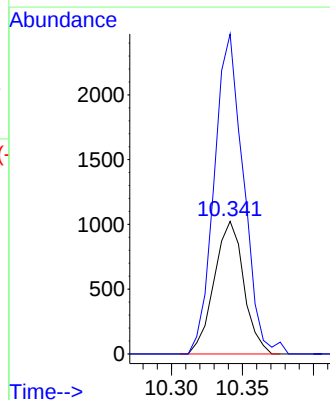
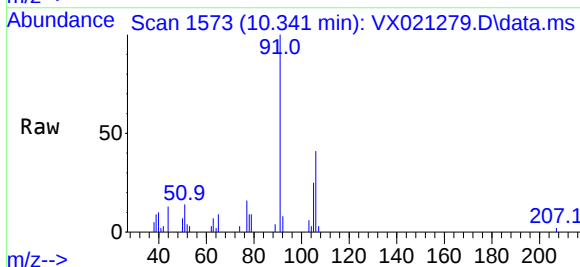
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

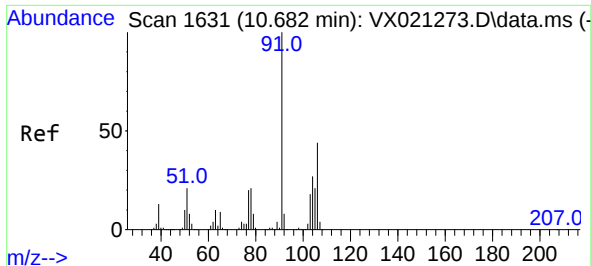
Tgt Ion: 91 Resp: 4155
Ion Ratio Lower Upper
91 100
106 35.5 21.6 40.0



#53
m,p-xylene
Concen: 0.19 ug/L
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 106 Resp: 1484
Ion Ratio Lower Upper
106 100
91 241.2 137.4 255.2

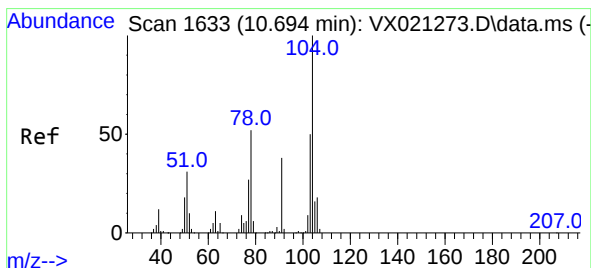
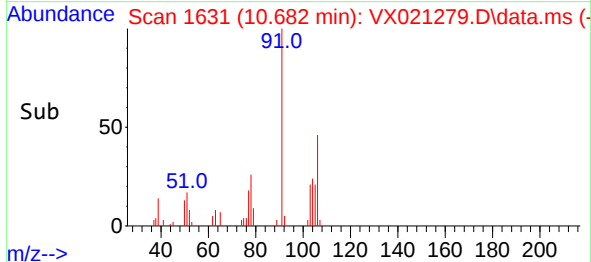
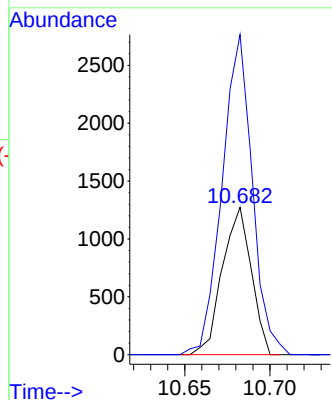
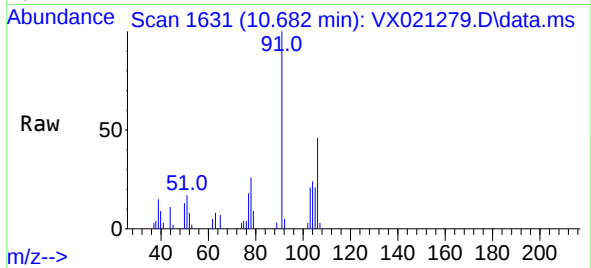




#54
o-xylene
Concen: 0.21 ug/L
RT: 10.682 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

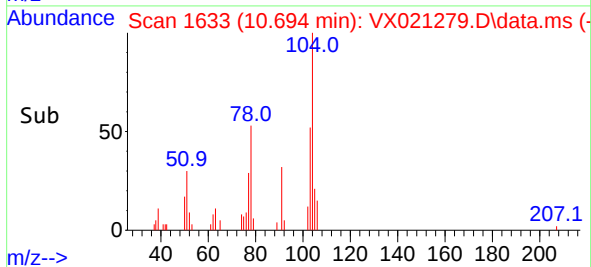
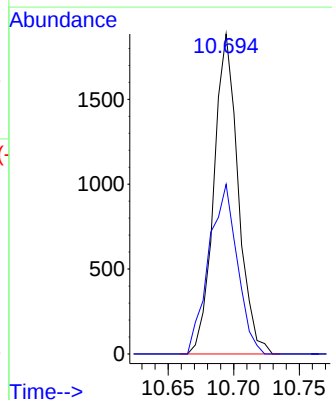
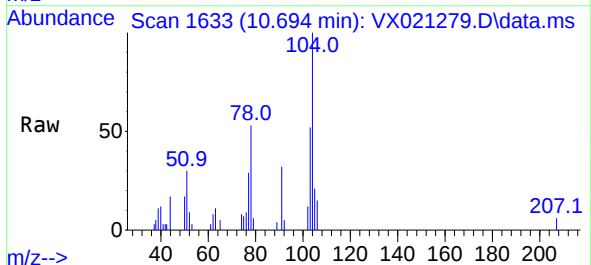
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

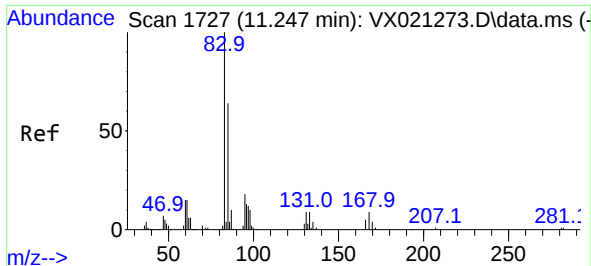
Tgt Ion:106 Resp: 1507
Ion Ratio Lower Upper
106 100
91 217.2 151.1 280.7



#55
Styrene
Concen: 0.19 ug/L
RT: 10.694 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:104 Resp: 2424
Ion Ratio Lower Upper
104 100
78 53.0 30.3 56.3

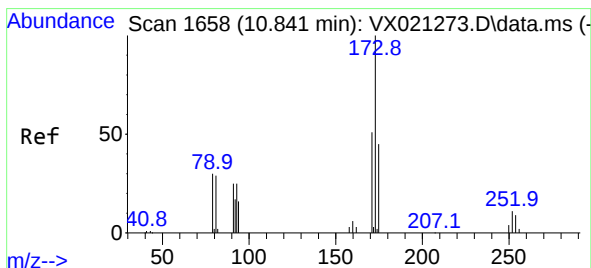
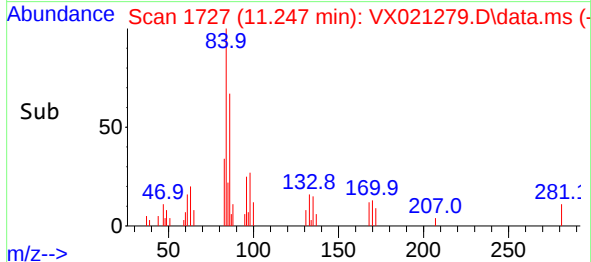
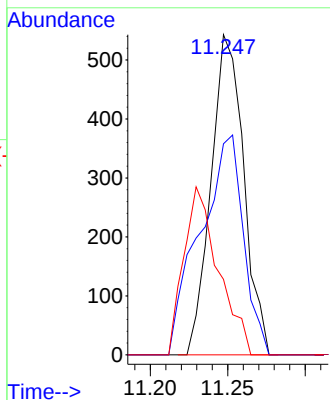
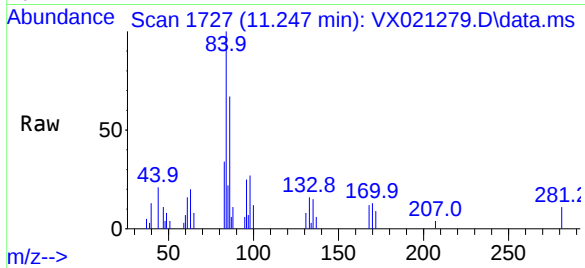




#57
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/L
RT: 11.247 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

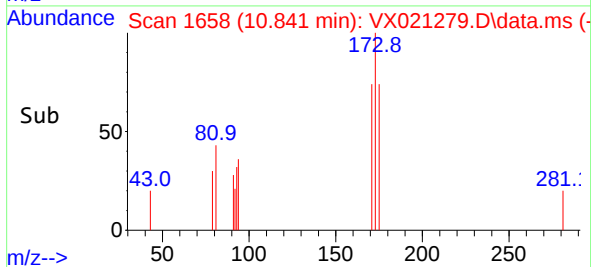
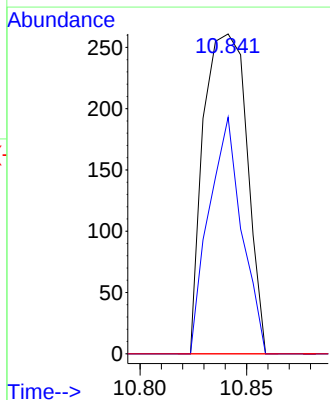
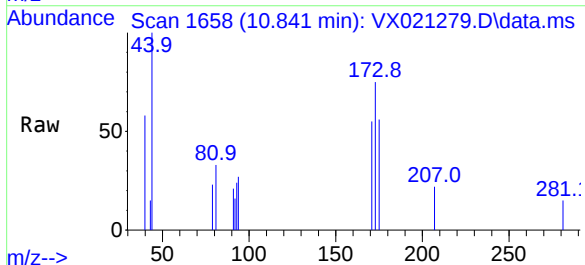
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

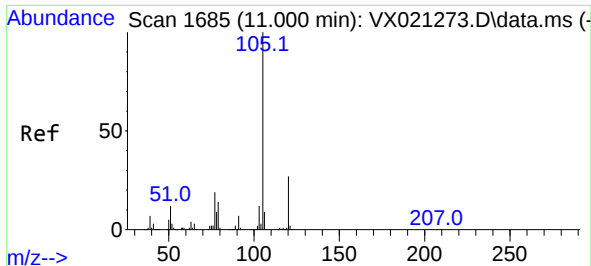
Tgt Ion:	83	Resp:	796
Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.6	82.8
131	23.6	8.2	12.2#



#59
Bromoform
Concen: 0.20 ug/L
RT: 10.841 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	173	Resp:	370
Ion	Ratio	Lower	Upper
173	100		
175	56.2	38.0	57.0
254	0.0	8.8	13.2#

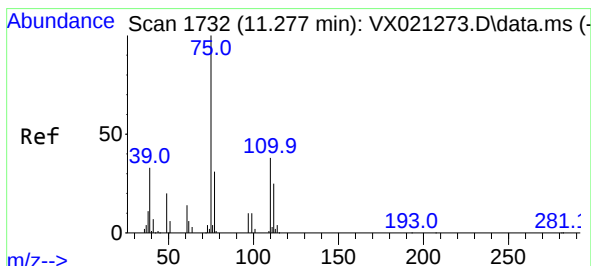
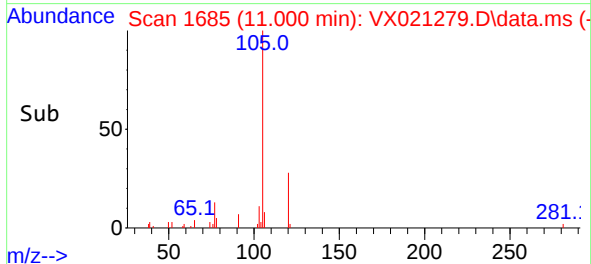
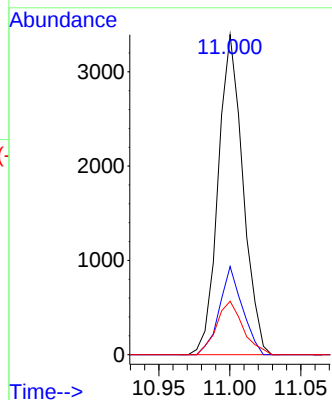
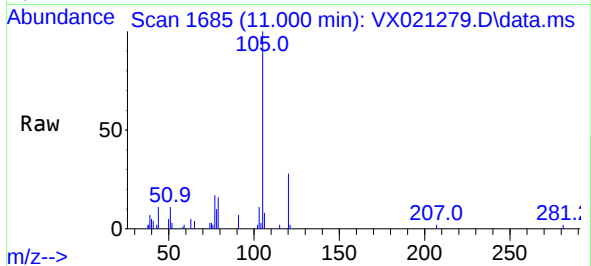




#60
Isopropylbenzene
Concen: 0.22 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

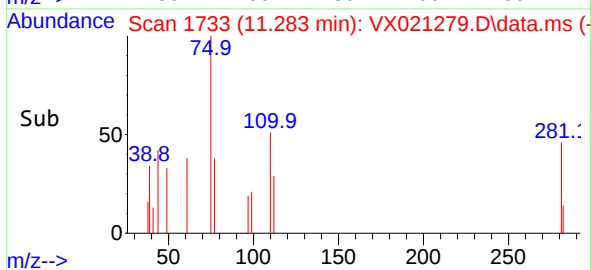
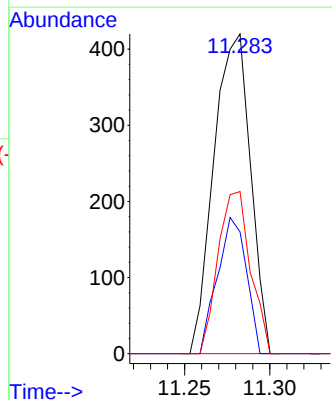
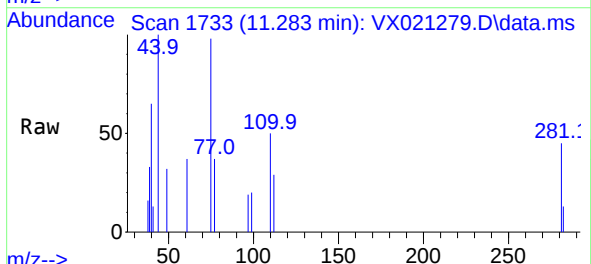
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

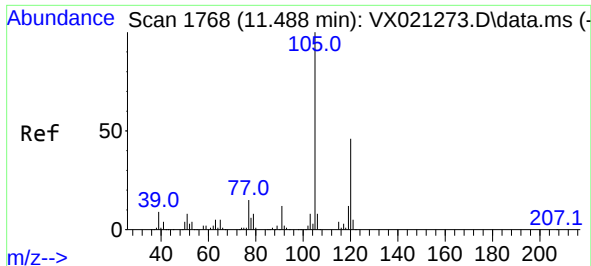
Tgt Ion:	105	Resp:	4119
Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.1	31.7
77	17.9	12.4	18.6



#61
1,2,3-Trichloropropane
Concen: 0.24 ug/L
RT: 11.283 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	75	Resp:	629
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.3	39.5
110	44.8	32.1	48.1

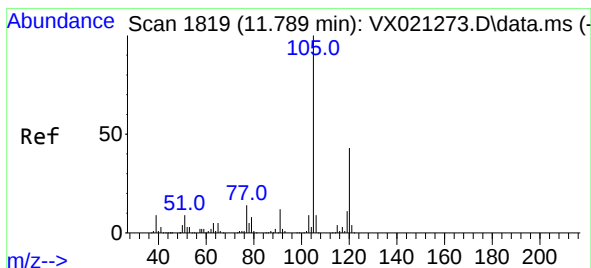
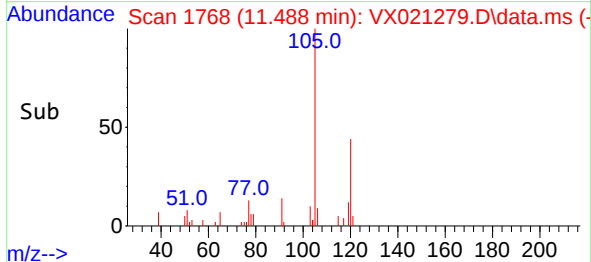
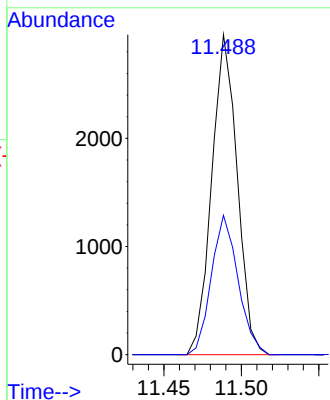
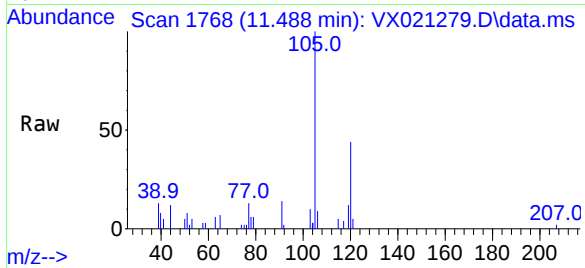




#62
1,3,5-Trimethylbenzene
Concen: 0.21 ug/L
RT: 11.488 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

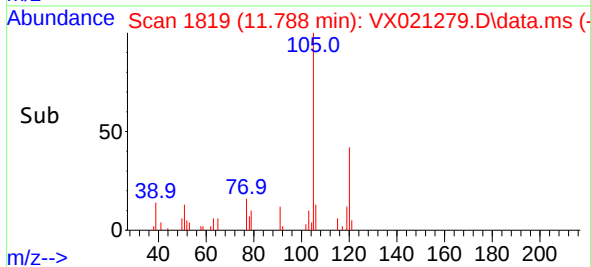
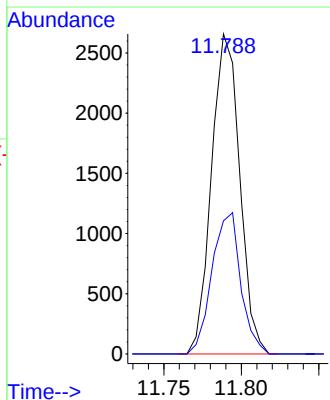
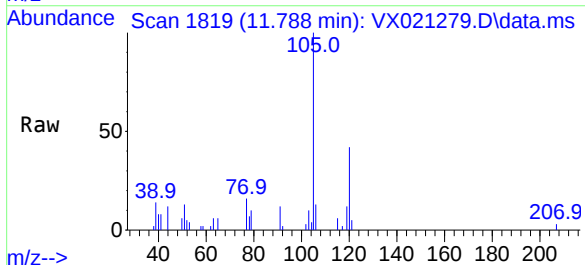
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

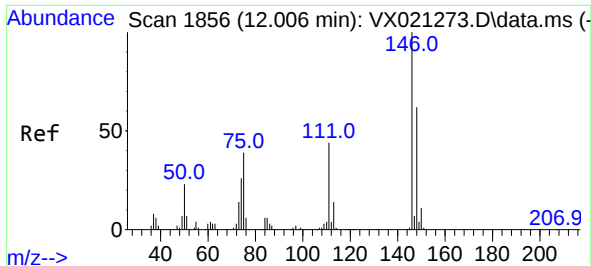
Tgt Ion:105 Resp: 3379
Ion Ratio Lower Upper
105 100
120 45.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.21 ug/L
RT: 11.788 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:105 Resp: 3363
Ion Ratio Lower Upper
105 100
120 45.0 36.5 54.7

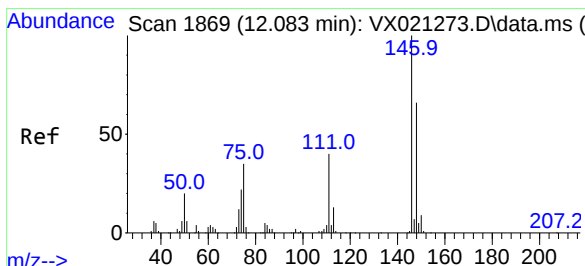
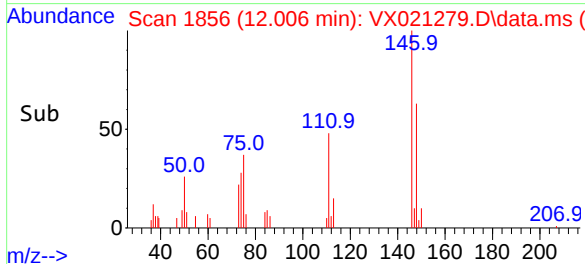
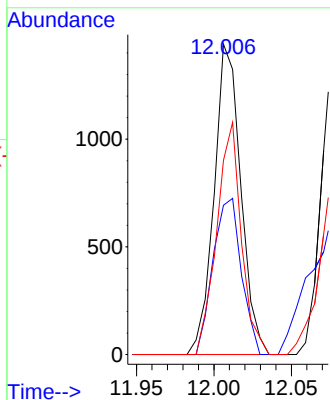
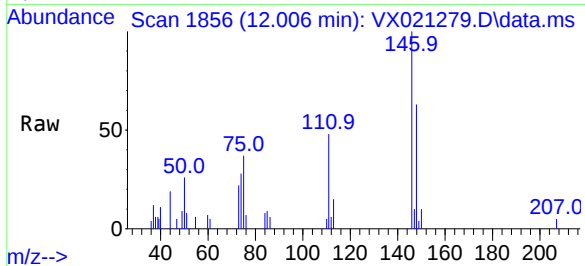




#64
1,3-Dichlorobenzene
Concen: 0.20 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

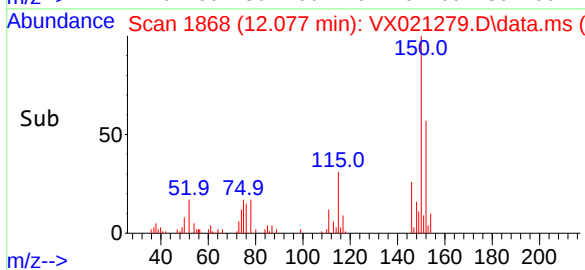
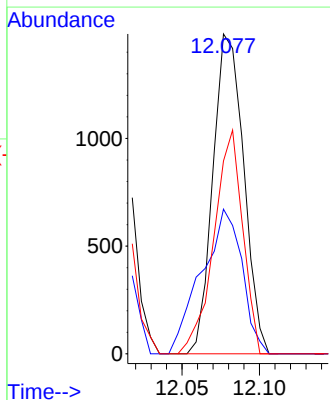
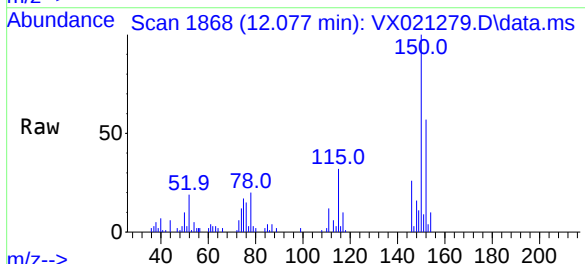
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

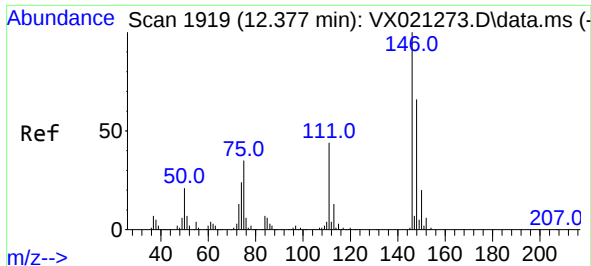
Tgt Ion:	146	Resp:	1726
Ion	Ratio	Lower	Upper
146	100		
111	48.1	28.2	52.4
148	62.6	41.7	77.5



#65
1,4-Dichlorobenzene
Concen: 0.24 ug/L
RT: 12.077 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	146	Resp:	2050
Ion	Ratio	Lower	Upper
146	100		
111	45.3	26.2	48.8
148	60.3	44.1	81.9



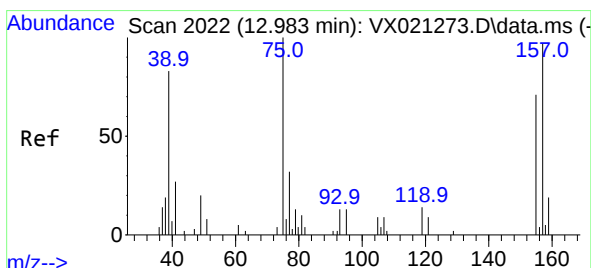
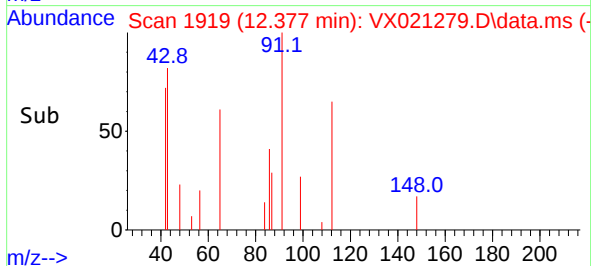
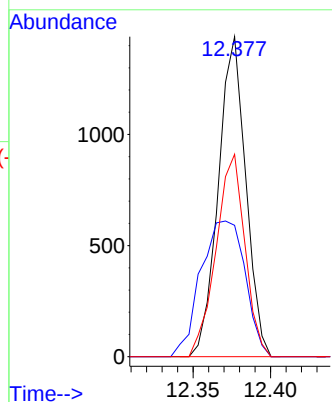
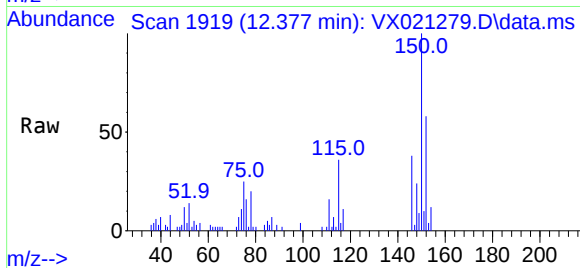


#67
1,2-Dichlorobenzene
Concen: 0.23 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion:146 Resp: 1775

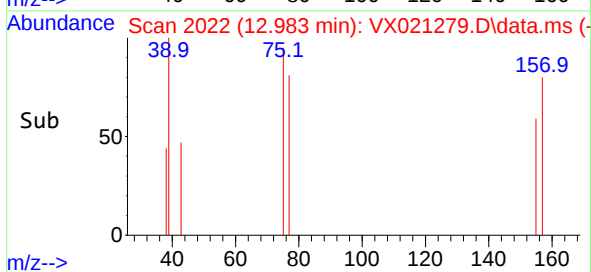
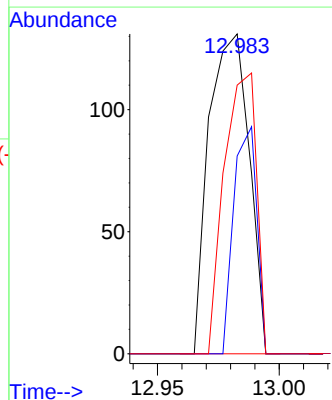
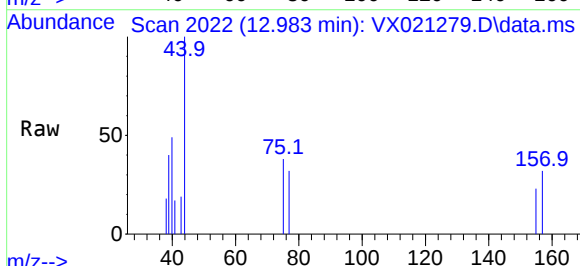
Ion	Ratio	Lower	Upper
146	100		
111	41.0	36.3	54.5
148	63.3	51.5	77.3

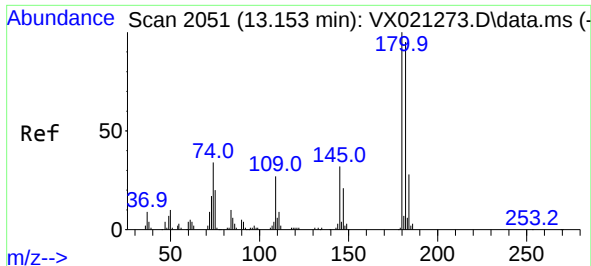


#68
1,2-Dibromo-3-chloropropane
Concen: 0.24 ug/L
RT: 12.983 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion: 75 Resp: 150

Ion	Ratio	Lower	Upper
75	100		
155	61.8	69.8	104.8#
157	84.0	90.0	135.0#

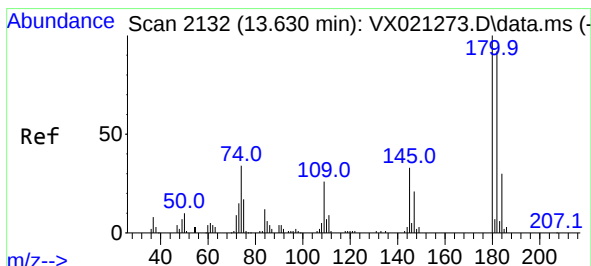
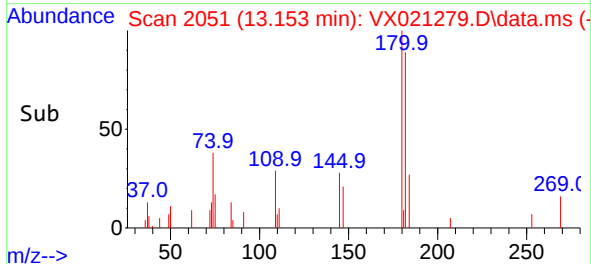
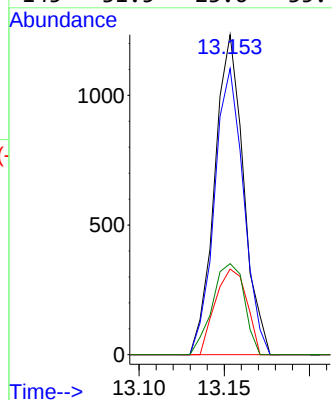
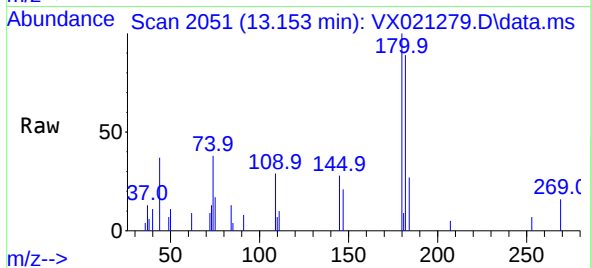




#69
1,3,5-Trichlorobenzene
Concen: 0.23 ug/L
RT: 13.153 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

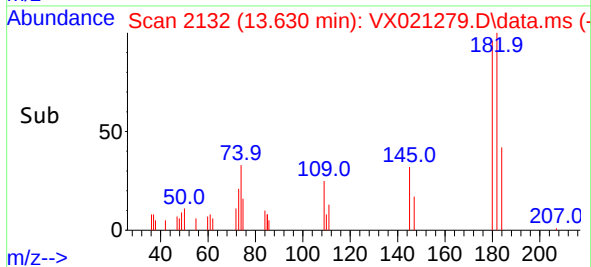
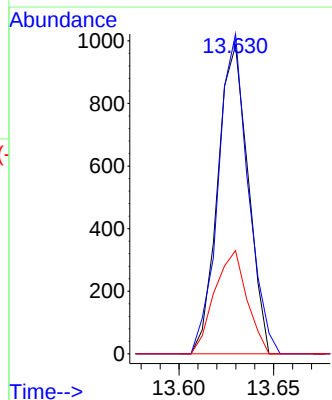
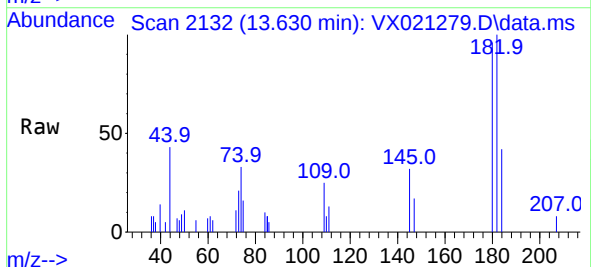
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

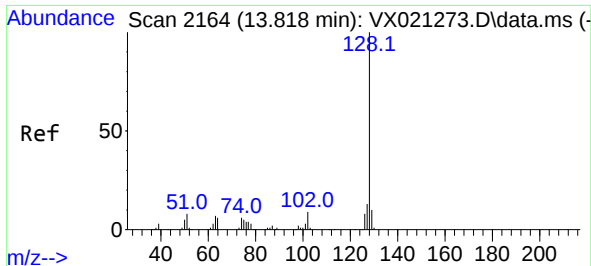
Tgt Ion:	180	Resp:	1454
Ion	Ratio	Lower	Upper
180	100		
182	90.2	77.0	115.4
184	29.0	24.6	36.8
145	31.5	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 0.20 ug/L
RT: 13.630 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:	180	Resp:	1099
Ion	Ratio	Lower	Upper
180	100		
182	102.1	74.3	111.5
145	35.6	24.1	36.1

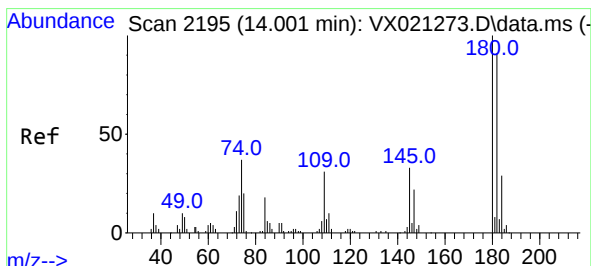
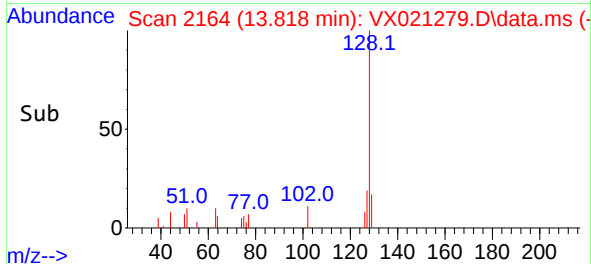
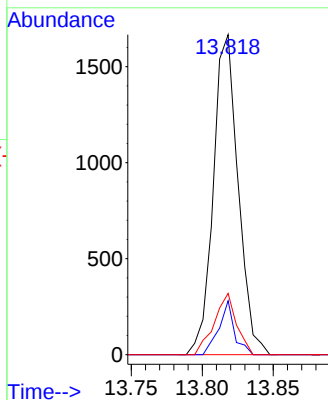
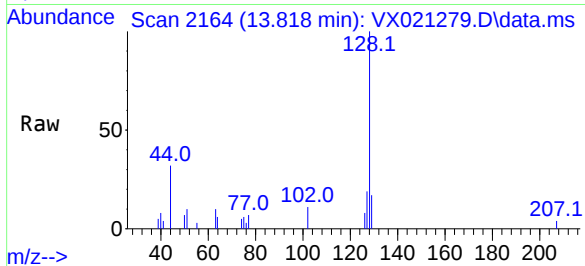




#71
Naphthalene
Concen: 0.21 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2021-03

Tgt Ion:128	Resp:	2027
Ion Ratio	Lower	Upper
128	100	
129	10.5	8.4 12.6
127	17.1	10.1 15.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.21 ug/L
RT: 14.001 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VX021279.D
Acq: 18 Mar 2021 14:27

Tgt Ion:180	Resp:	1004
Ion Ratio	Lower	Upper
180	100	
182	98.7	79.3 118.9
145	33.9	26.5 39.7

