

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038627.D
 Acq On : 28 Oct 2023 02:13
 Operator : JC/MD
 Sample : 04696-01 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Oct 28 04:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	427041	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	410601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	223258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	138239	47.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.900%
7) Chloroethane-d5	1.672	69	112135	50.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.180%
11) 1,1-Dichloroethene-d2	2.306	65	61903	48.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.560%
21) 2-Butanone-d5	4.452	46	230274	102.555	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.550%
24) Chloroform-d	5.056	84	283829	48.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.958	65	187473	50.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.040%
32) Benzene-d6	5.976	84	568376	51.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.360%
36) 1,2-Dichloropropane-d6	7.305	67	168953	52.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.660%
41) Toluene-d8	8.646	98	546921	49.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.951	79	76286	48.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.720%
47) 2-Hexanone-d5	9.384	63	196948	104.318	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	268992	51.104	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	228149	52.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8678	2.554	ug/L	99
3) Chloromethane	1.300	50	7324	2.801	ug/L	96
5) Vinyl chloride	1.373	62	8447	2.915	ug/L #	75
6) Bromomethane	1.611	94	6282	3.142	ug/L	93
8) Chloroethane	1.690	64	5011	2.879	ug/L	89
9) Trichlorofluoromethane	1.892	101	12751	2.691	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9547	3.325	ug/L #	84
12) 1,1-Dichloroethene	2.318	96	8632	3.244	ug/L #	1
13) Acetone	2.379	43	8697	5.831	ug/L	94
14) Carbon disulfide	2.513	76	20934	2.867	ug/L	96
15) Methyl Acetate	2.702	43	8043	2.653	ug/L	98
16) Methylene chloride	2.788	84	9527	3.269	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	7744	2.813	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	22721	2.704	ug/L	98
19) 1,1-Dichloroethane	3.611	63	12733	2.754	ug/L	92
20) cis-1,2-Dichloroethene	4.489	96	8960	2.812	ug/L	95
22) 2-Butanone	4.574	43	12424m	5.558	ug/L	
23) Bromochloromethane	4.909	128	4744	2.783	ug/L	89
25) Chloroform	5.092	83	19971	3.730	ug/L	93

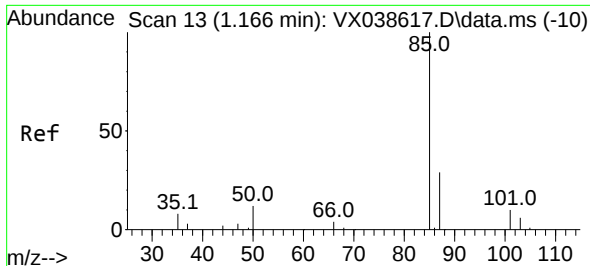
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038627.D
 Acq On : 28 Oct 2023 02:13
 Operator : JC/MD
 Sample : 04696-01 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Oct 28 04:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	12150	2.952	ug/L	99
29) Cyclohexane	5.470	56	10370m	2.609	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	11759	2.562	ug/L #	82
31) Carbon tetrachloride	5.671	117	9907m	2.416	ug/L	
33) Benzene	6.043	78	30014	2.770	ug/L	100
35) Methylcyclohexane	7.378	83	12419	2.715	ug/L	98
37) 1,2-Dichloropropane	7.433	63	7423	2.750	ug/L	100
38) Bromodichloromethane	7.830	83	9524	2.519	ug/L	91
39) cis-1,3-Dichloropropene	8.366	75	11581	2.764	ug/L	91
40) 4-Methyl-2-pentanone	8.573	43	21426	5.279	ug/L	99
42) Toluene	8.720	91	34018	2.789	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	10838	2.711	ug/L	94
45) 1,1,2-Trichloroethane	9.152	97	8370	2.744	ug/L	96
46) Tetrachloroethene	9.274	164	7240	2.759	ug/L	98
48) 2-Hexanone	9.433	43	18996	5.850	ug/L	99
49) Dibromochloromethane	9.518	129	8183	2.543	ug/L	93
50) 1,2-Dibromoethane	9.610	107	9327	2.709	ug/L #	94
51) Chlorobenzene	10.079	112	23710	2.840	ug/L	95
52) Ethylbenzene	10.195	91	36405	2.652	ug/L	96
53) m,p-Xylene	10.305	106	14281	2.629	ug/L	98
54) o-Xylene	10.640	106	13038	2.473	ug/L	100
55) Styrene	10.658	104	22177	2.474	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	14818	2.930	ug/L #	97
59) Bromoform	10.799	173	5984	2.446	ug/L	99
60) Isopropylbenzene	10.963	105	36062	2.671	ug/L	98
61) 1,2,3-Trichloropropane	11.237	75	10784	2.889	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	29252	2.595	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	27863	2.508	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	18961	2.829	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	19910	2.884	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	19484	2.962	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.944	75	3028	2.676	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	13534	2.811	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	13050	2.884	ug/L	98
71) Naphthalene	13.780	128	36354	2.680	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12601	2.855	ug/L	97

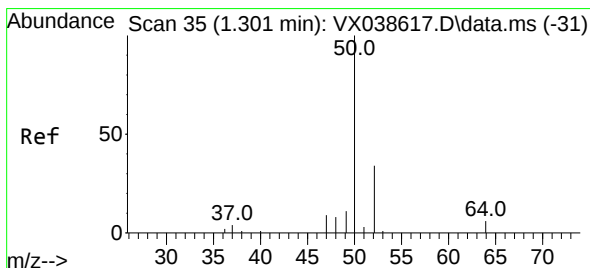
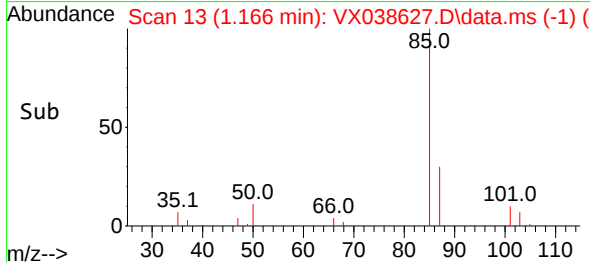
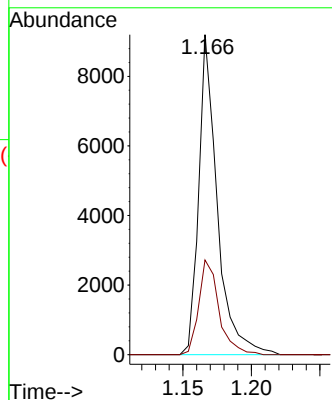
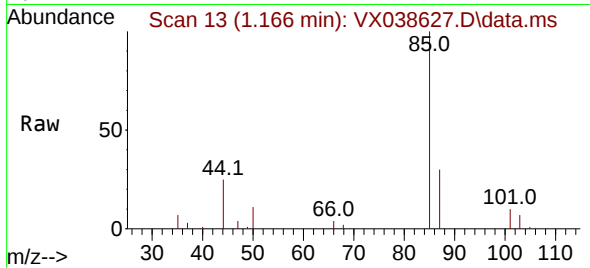
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.554 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

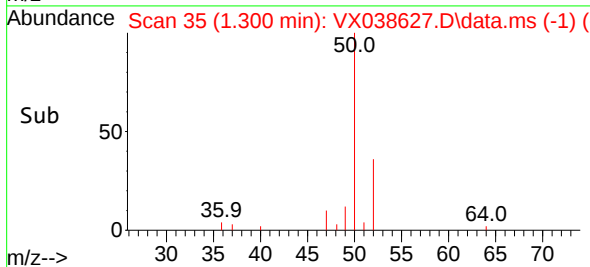
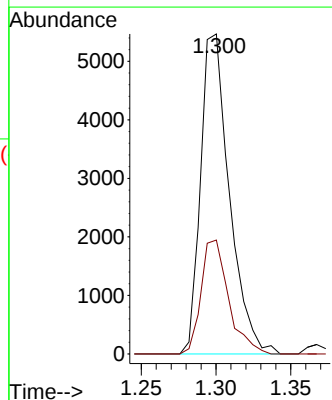
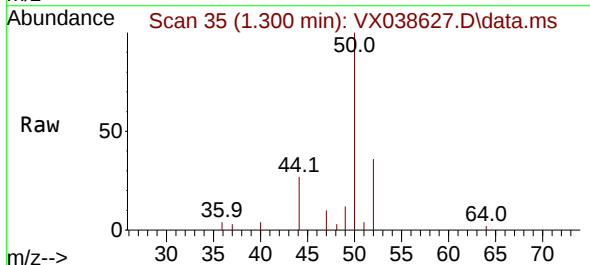
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

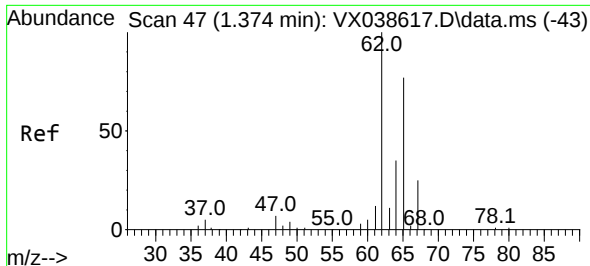
Tgt Ion: 85 Resp: 8678
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 2.801 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 50 Resp: 7324
Ion Ratio Lower Upper
50 100
52 35.6 23.3 43.3

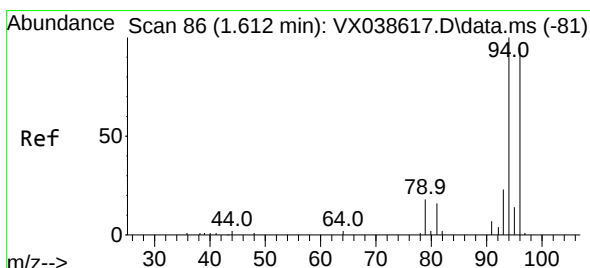
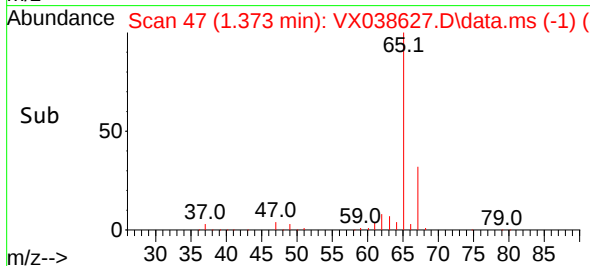
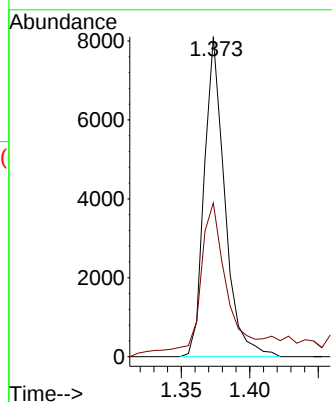
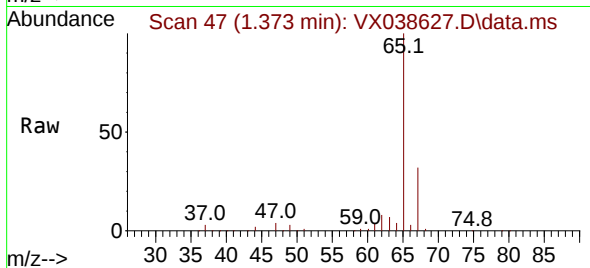




#5
 Vinyl chloride
 Concen: 2.915 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038627.D
 Acq: 28 Oct 2023 02:13

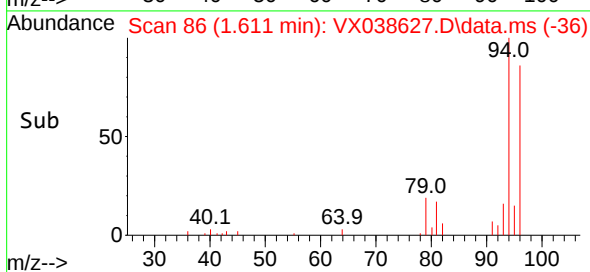
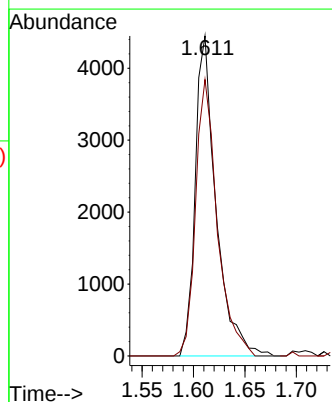
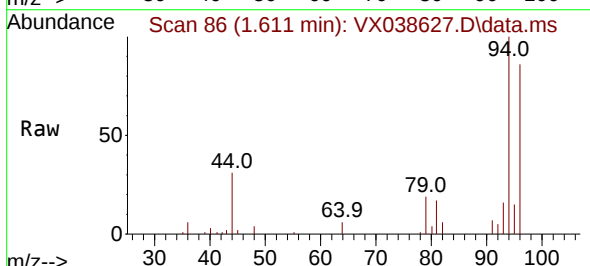
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2023-07

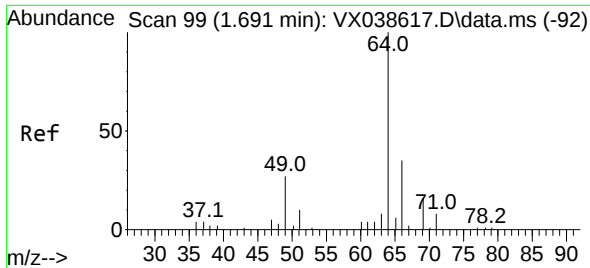
Tgt Ion: 62 Resp: 8447
 Ion Ratio Lower Upper
 62 100
 64 48.1 23.7 43.9#



#6
 Bromomethane
 Concen: 3.142 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX038627.D
 Acq: 28 Oct 2023 02:13

Tgt Ion: 94 Resp: 6282
 Ion Ratio Lower Upper
 94 100
 96 86.4 65.4 121.4

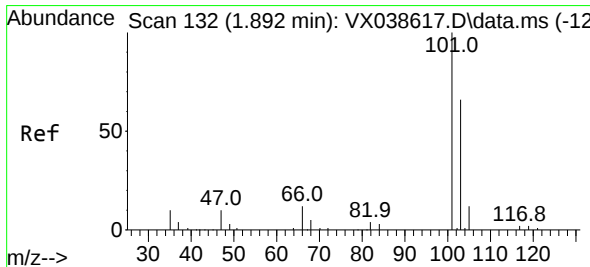
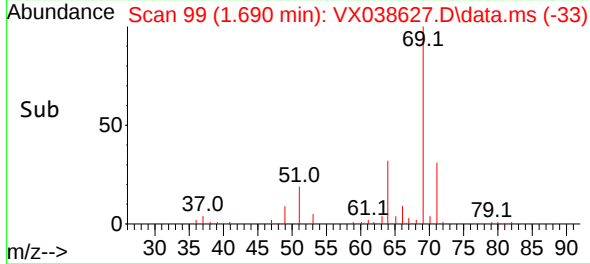
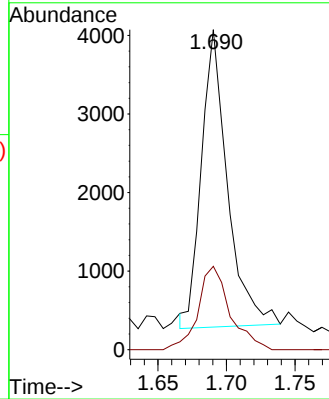
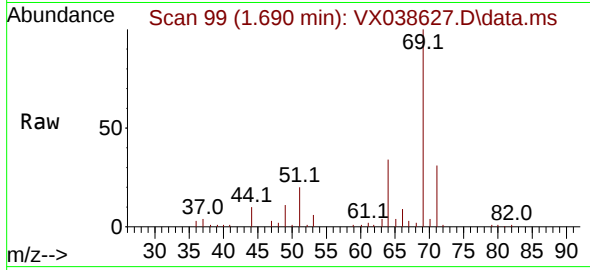




#8
Chloroethane
Concen: 2.879 ug/L
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

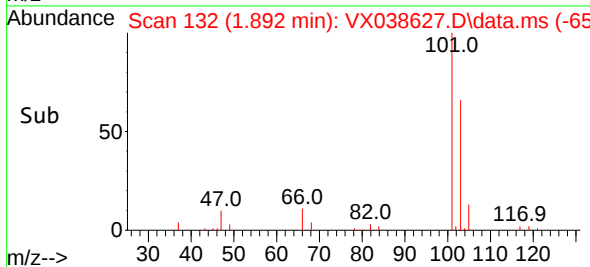
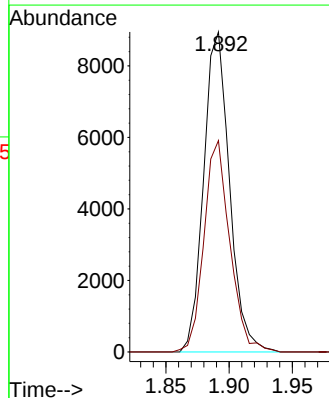
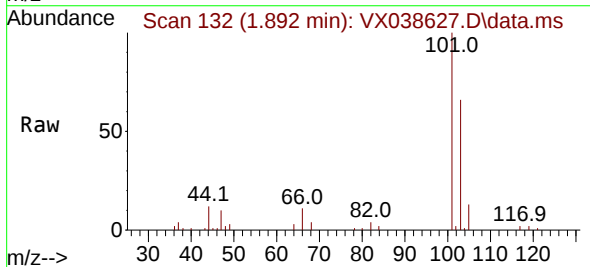
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

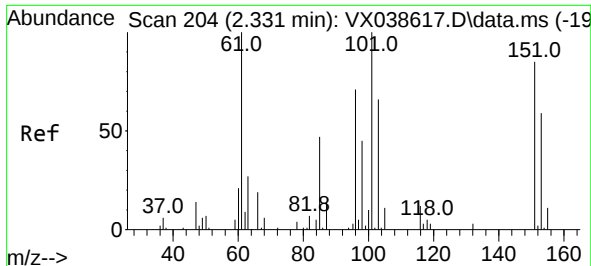
Tgt Ion: 64 Resp: 5011
Ion Ratio Lower Upper
64 100
66 26.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.691 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 101 Resp: 12751
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.6





#10

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

Concen: 3.325 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

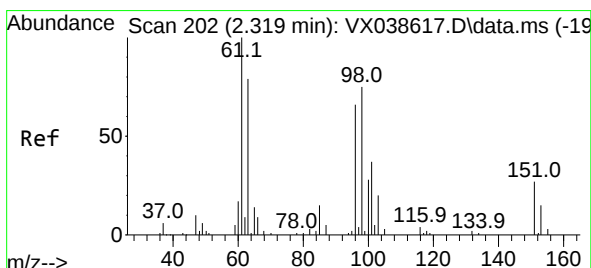
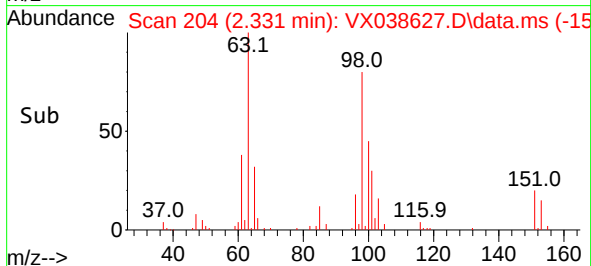
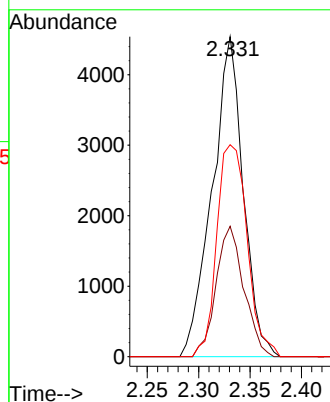
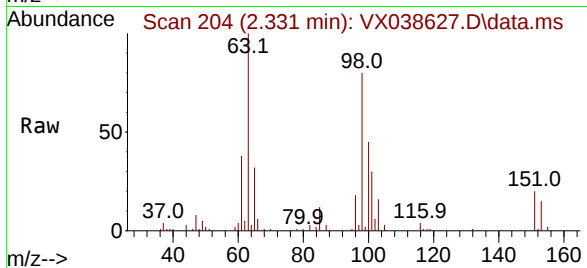
Tgt Ion:101 Resp: 9547

Ion Ratio Lower Upper

101 100

85 36.5 34.3 51.5

151 64.8 65.8 98.8#



#12

1,1-Dichloroethene

Concen: 3.244 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

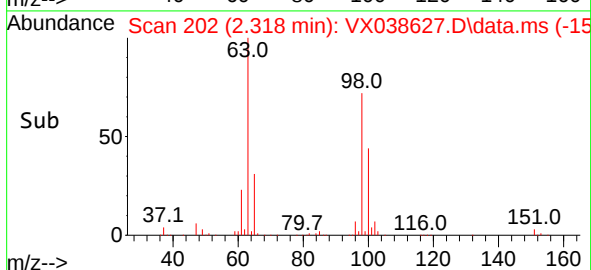
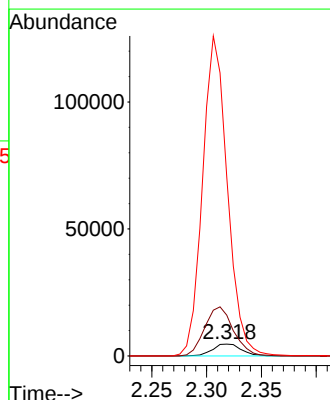
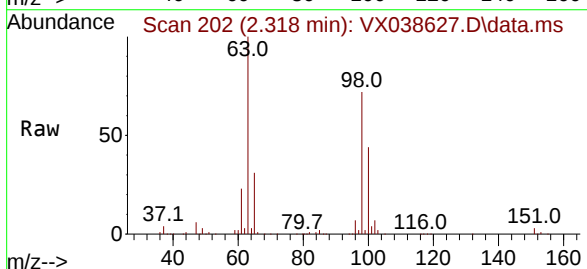
Tgt Ion: 96 Resp: 8632

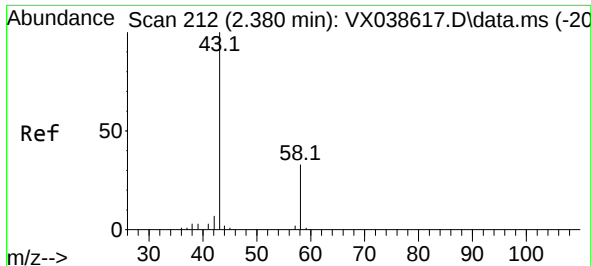
Ion Ratio Lower Upper

96 100

61 342.8 109.6 203.6#

63 1501.8 84.9 157.7#





#13

Acetone

Concen: 5.831 ug/L

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

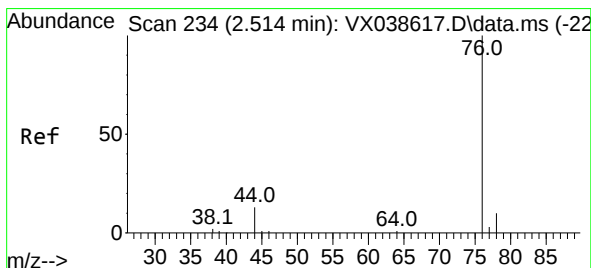
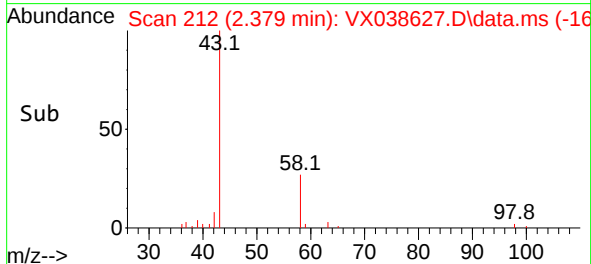
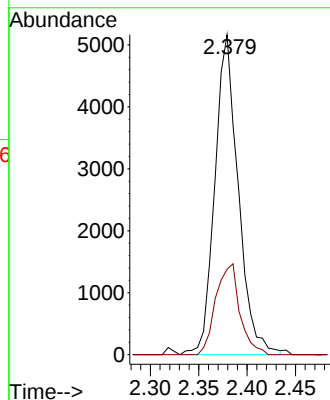
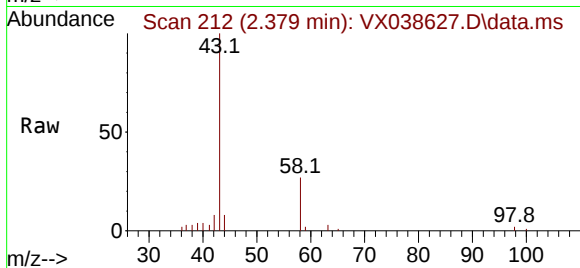
MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 8697

Ion Ratio Lower Upper

43 100

58 29.1 0.0 65.2



#14

Carbon disulfide

Concen: 2.867 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX038627.D

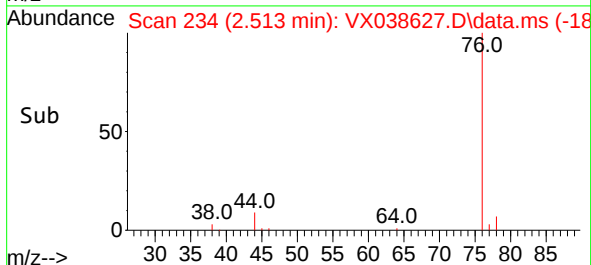
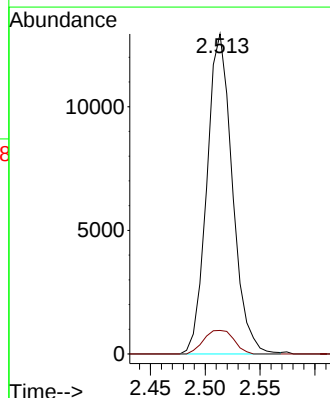
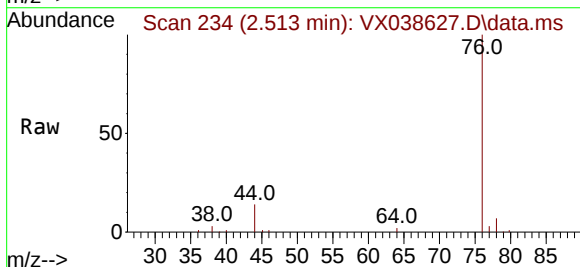
Acq: 28 Oct 2023 02:13

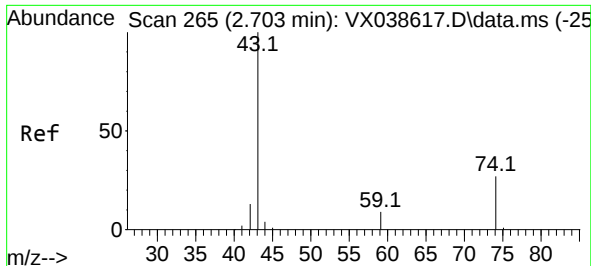
Tgt Ion: 76 Resp: 20934

Ion Ratio Lower Upper

76 100

78 7.4 7.2 10.8

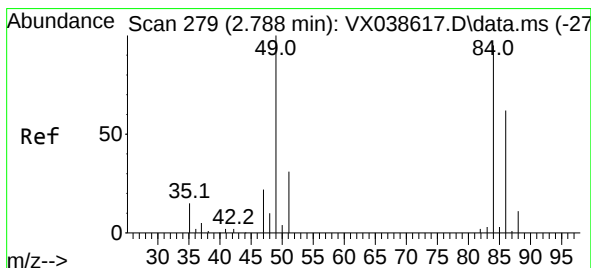
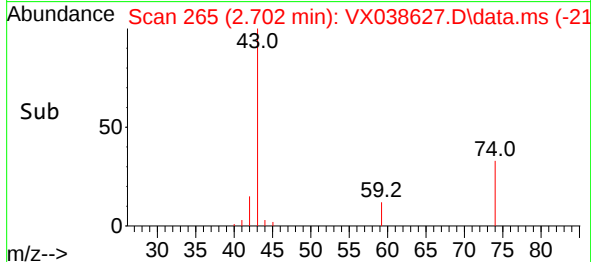
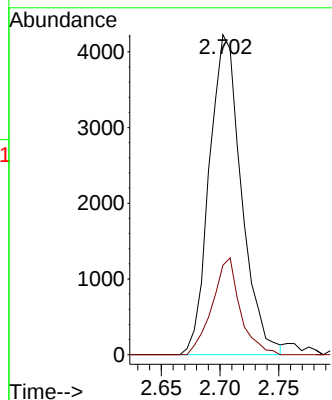
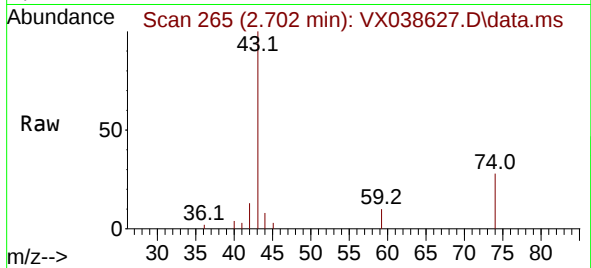




#15
Methyl Acetate
Concen: 2.653 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

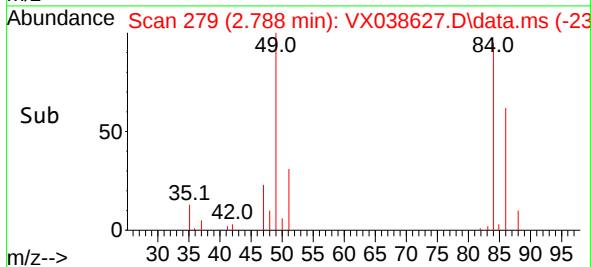
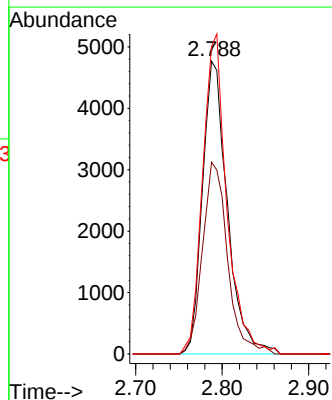
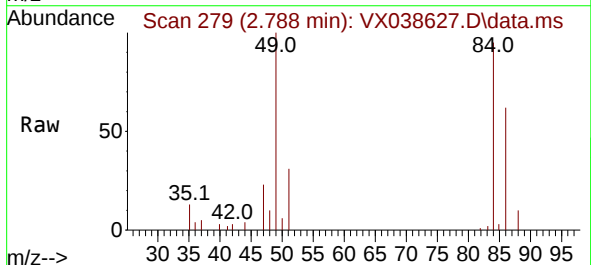
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2023-07

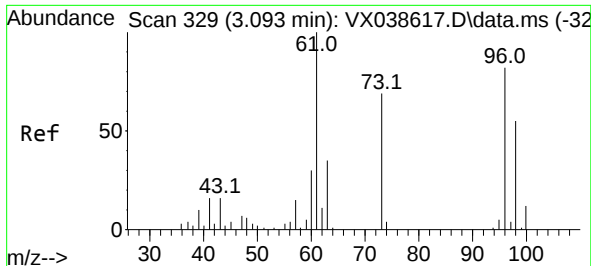
Tgt Ion: 43 Resp: 8043
Ion Ratio Lower Upper
43 100
74 26.3 21.7 32.5



#16
Methylene chloride
Concen: 3.269 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 84 Resp: 9527
Ion Ratio Lower Upper
84 100
86 65.5 45.6 84.8
49 105.0 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 2.813 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

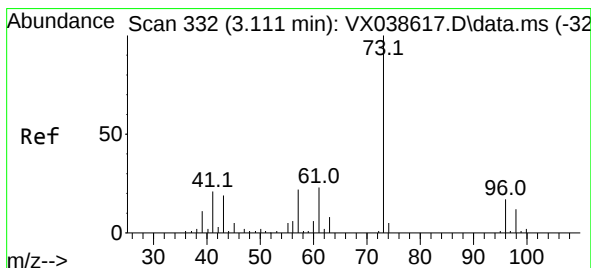
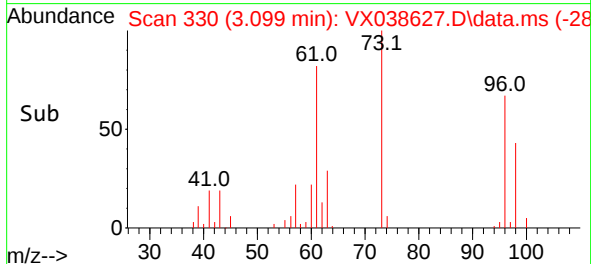
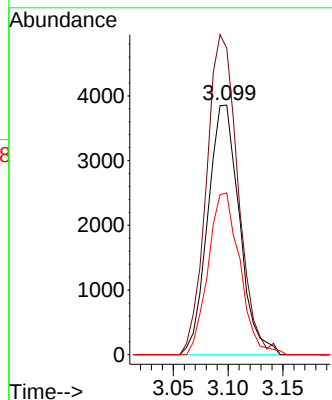
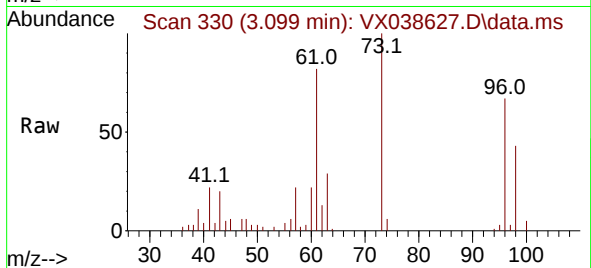
Tgt Ion: 96 Resp: 7744

Ion Ratio Lower Upper

96 100

61 122.8 87.1 161.7

98 64.8 45.4 84.4



#18

Methyl tert-butyl Ether

Concen: 2.704 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

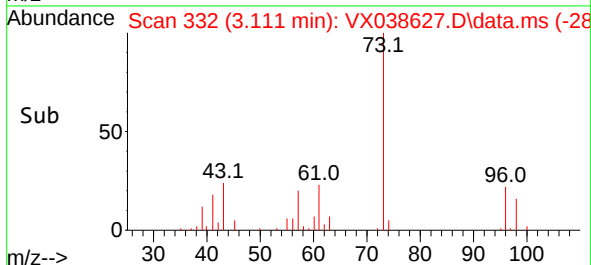
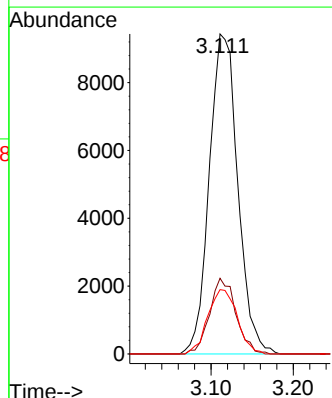
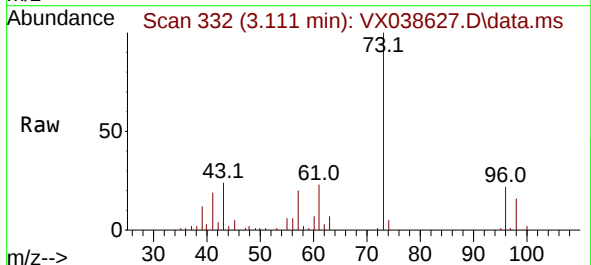
Tgt Ion: 73 Resp: 22721

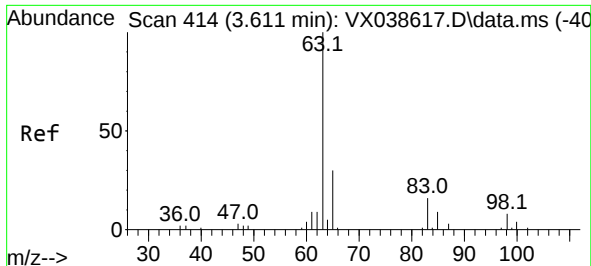
Ion Ratio Lower Upper

73 100

43 21.8 16.2 24.4

57 20.8 16.2 24.4





#19

1,1-Dichloroethane

Concen: 2.754 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

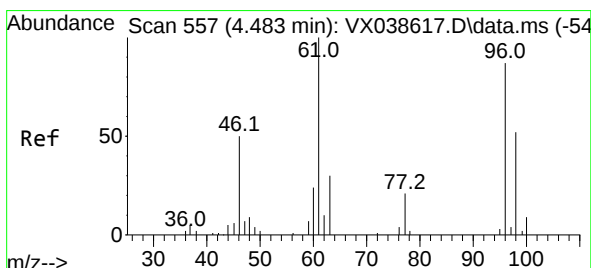
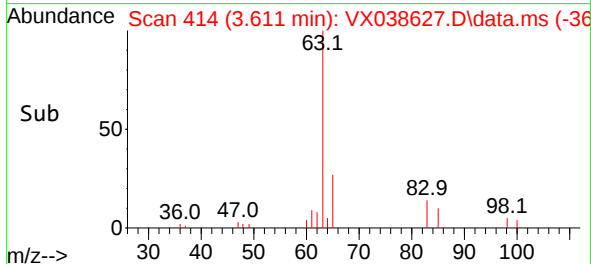
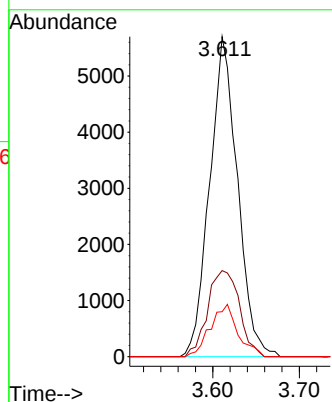
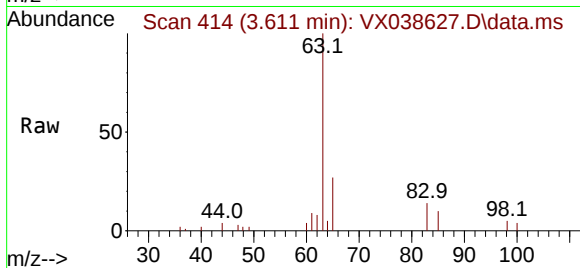
Tgt Ion: 63 Resp: 12733

Ion Ratio Lower Upper

63 100

65 26.9 22.8 42.4

83 14.0 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 2.812 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

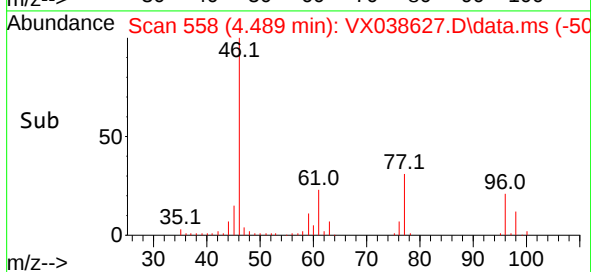
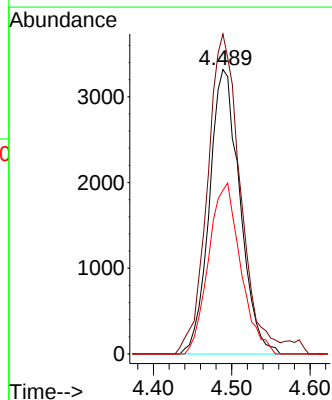
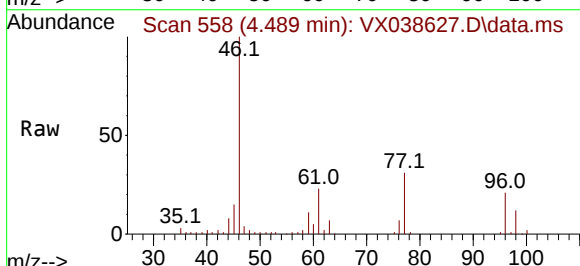
Tgt Ion: 96 Resp: 8960

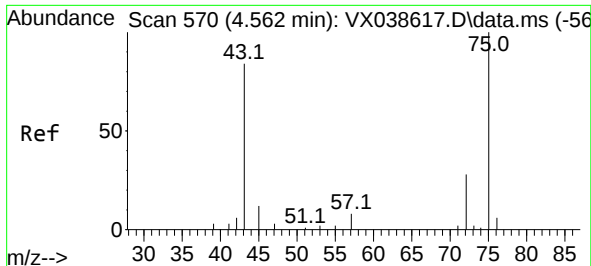
Ion Ratio Lower Upper

96 100

61 112.5 79.4 147.4

98 57.5 46.5 86.5

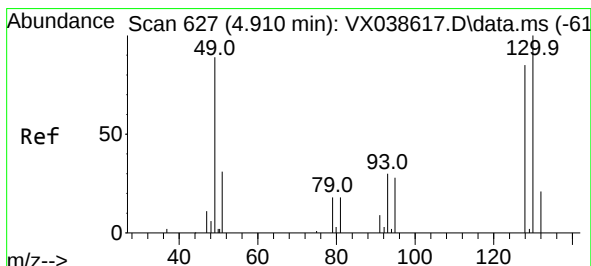
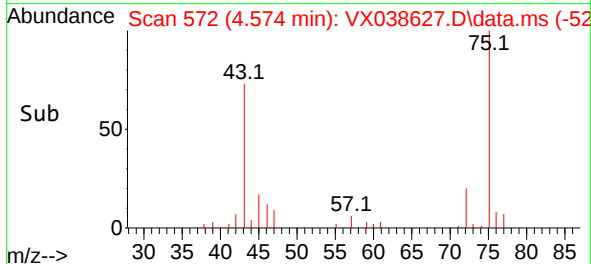
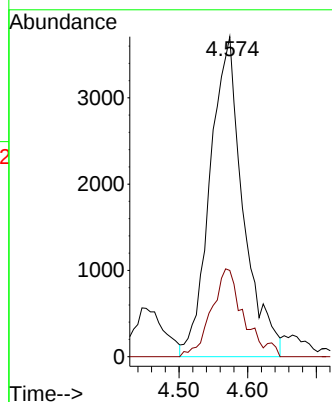
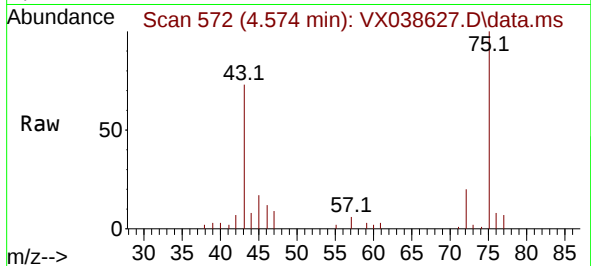




#22
2-Butanone
Concen: 5.558 ug/L m
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

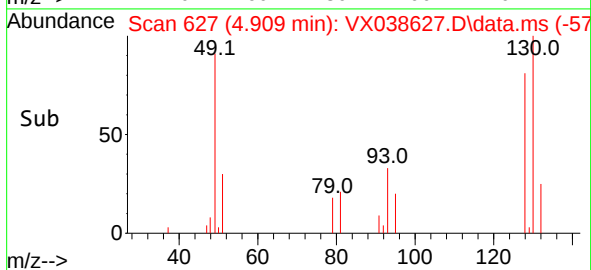
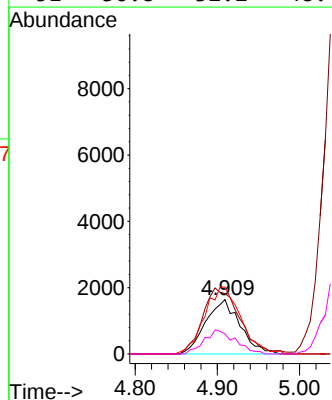
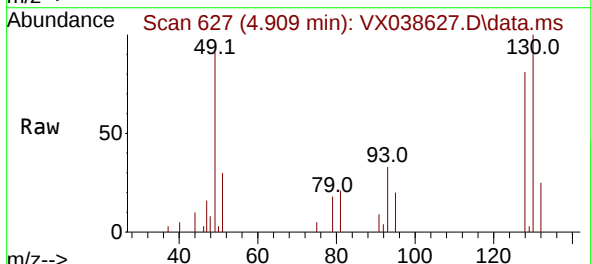
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

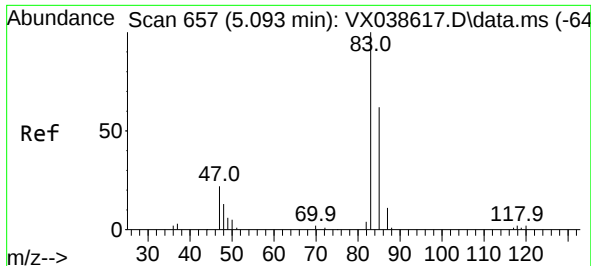
Tgt Ion: 43 Resp: 12424
Ion Ratio Lower Upper
43 100
72 22.8 14.9 44.5



#23
Bromochloromethane
Concen: 2.783 ug/L
RT: 4.909 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 128 Resp: 4744
Ion Ratio Lower Upper
128 100
49 111.2 90.9 168.9
130 122.8 92.5 171.7
51 36.8 32.2 48.4





#25

Chloroform

Concen: 3.730 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

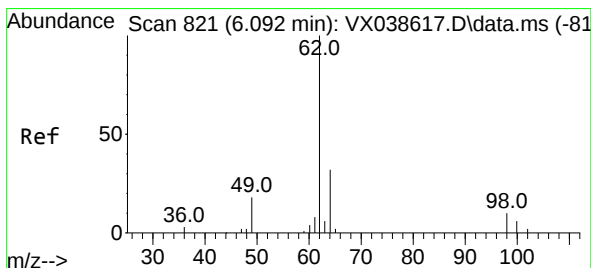
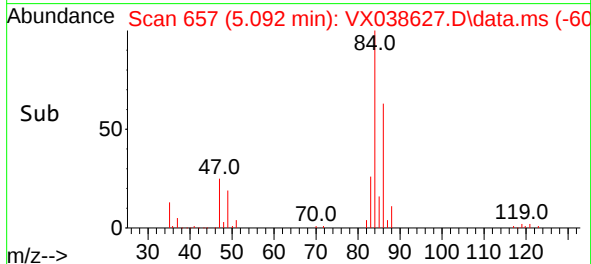
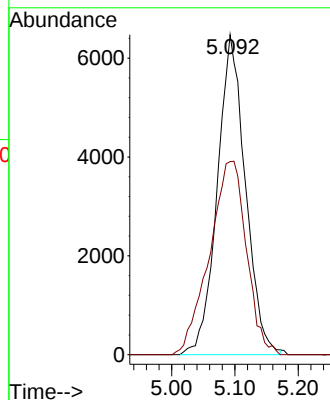
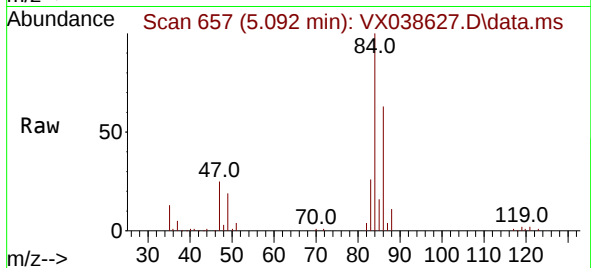
MDL-WATER-QT4-2023-07

Tgt Ion: 83 Resp: 19971

Ion Ratio Lower Upper

83 100

85 60.4 46.3 86.1



#27

1,2-Dichloroethane

Concen: 2.952 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX038627.D

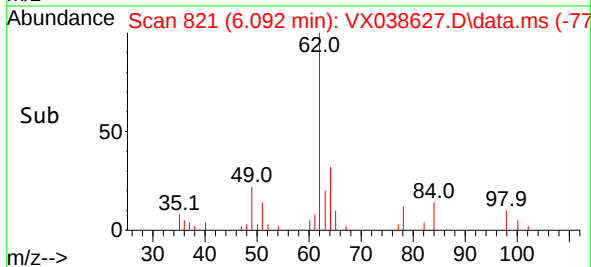
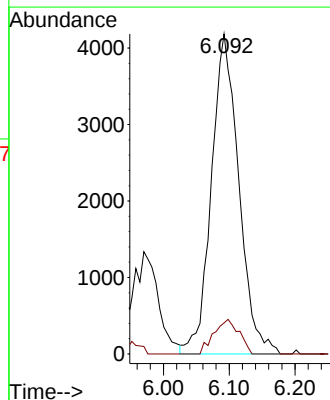
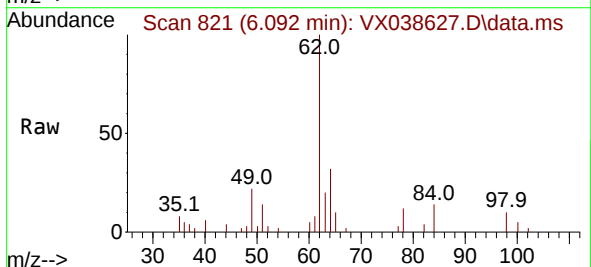
Acq: 28 Oct 2023 02:13

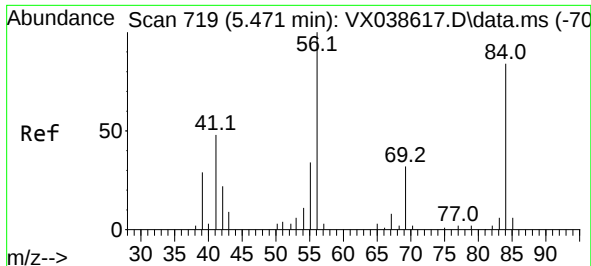
Tgt Ion: 62 Resp: 12150

Ion Ratio Lower Upper

62 100

98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 2.609 ug/L m

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

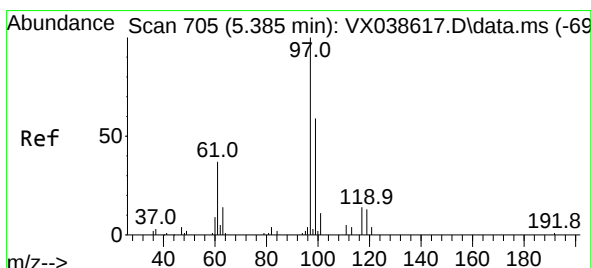
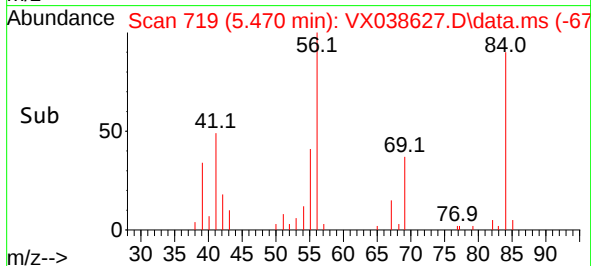
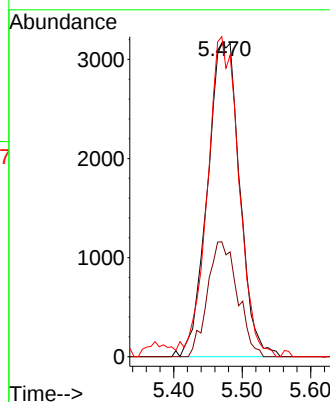
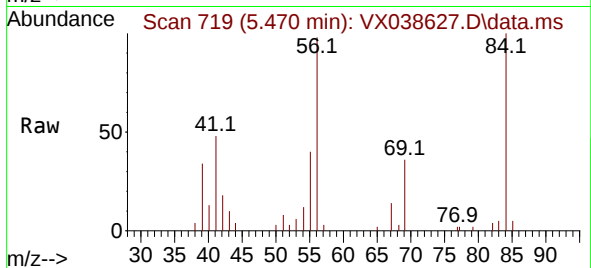
Tgt Ion: 56 Resp: 10370

Ion Ratio Lower Upper

56 100

69 34.1 26.9 40.3

84 98.4 77.6 116.4



#30

1,1,1-Trichloroethane

Concen: 2.562 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

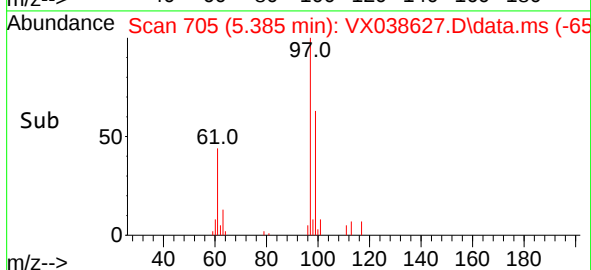
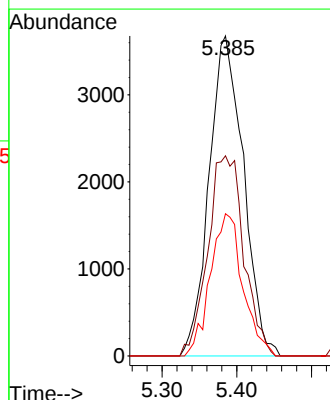
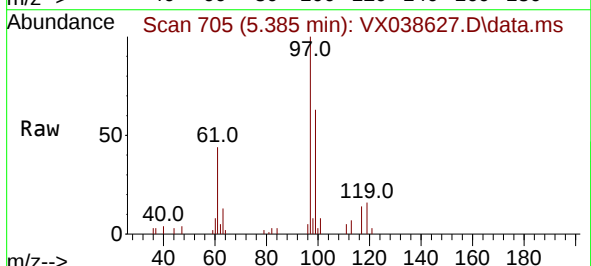
Tgt Ion: 97 Resp: 11759

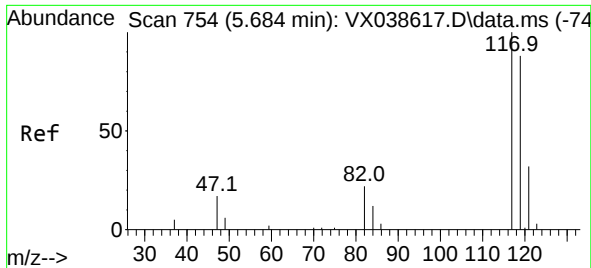
Ion Ratio Lower Upper

97 100

99 42.2 52.1 78.1#

61 42.1 33.2 49.8

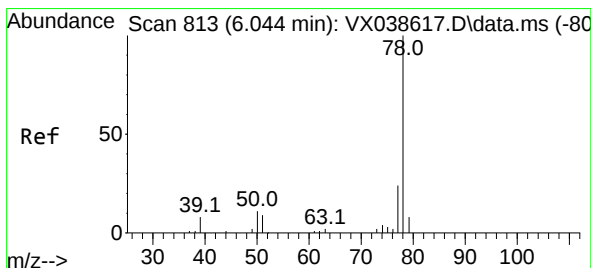
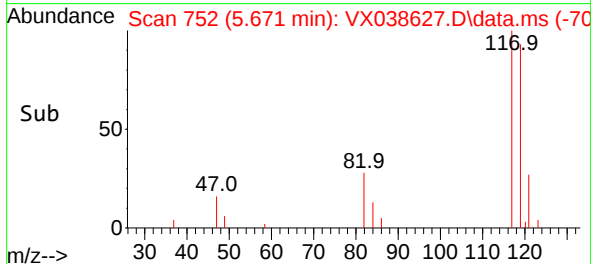
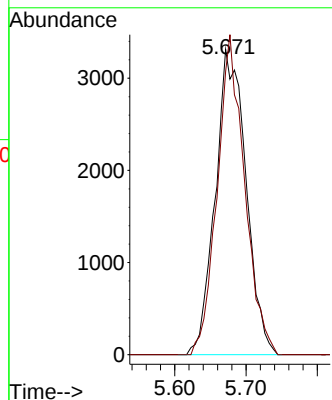
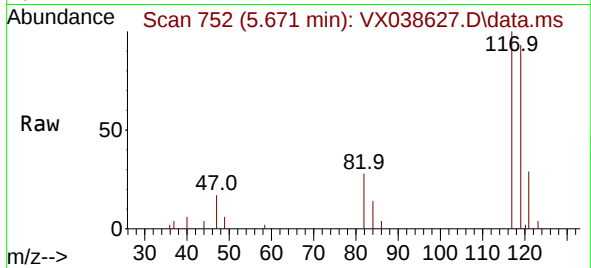




#31
Carbon tetrachloride
Concen: 2.416 ug/L m
RT: 5.671 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

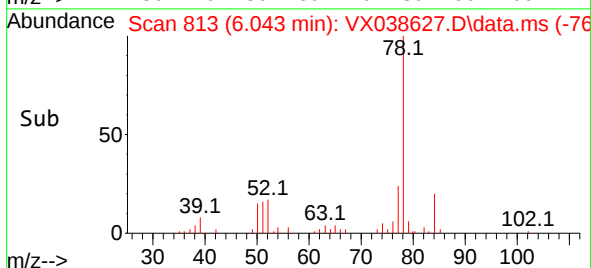
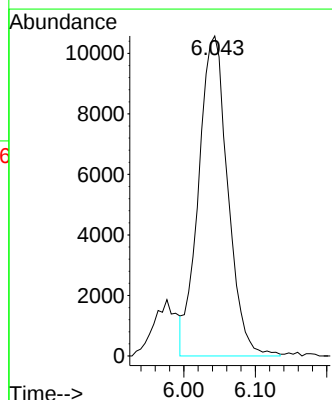
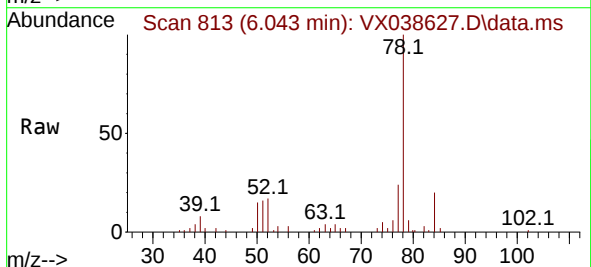
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2023-07

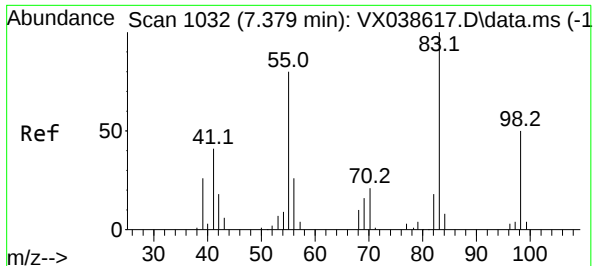
Tgt Ion:117 Resp: 9907
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9



#33
Benzene
Concen: 2.770 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 78 Resp: 30014





#35

Methylcyclohexane

Concen: 2.715 ug/L

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

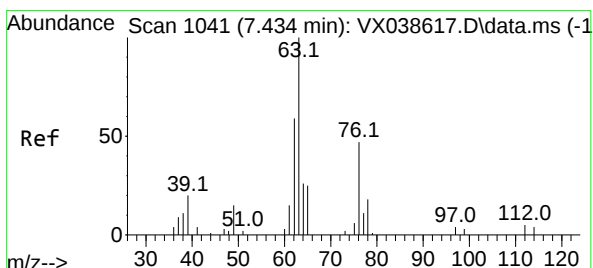
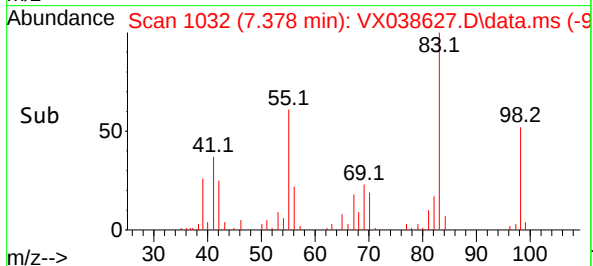
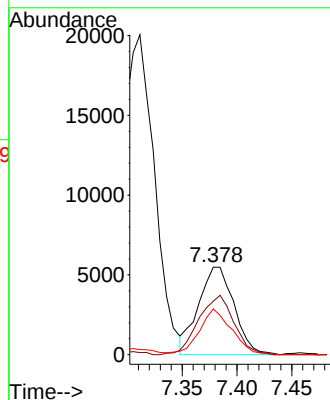
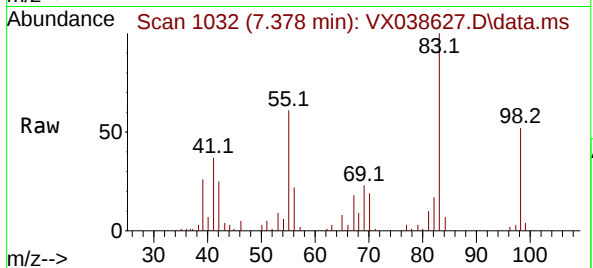
Tgt Ion: 83 Resp: 12419

Ion Ratio Lower Upper

83 100

55 67.0 54.3 81.5

98 47.3 39.1 58.7



#37

1,2-Dichloropropane

Concen: 2.750 ug/L

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038627.D

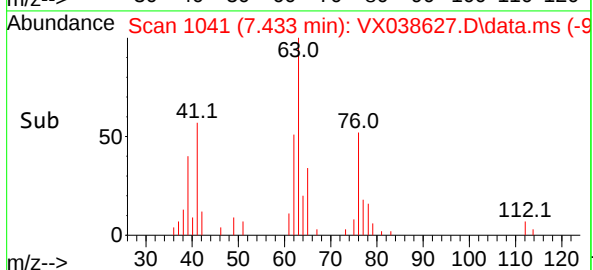
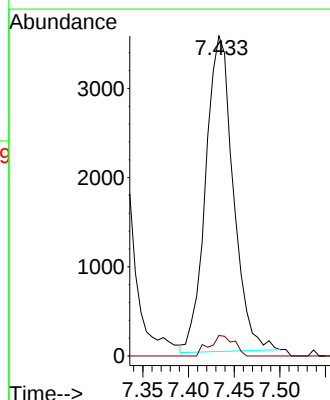
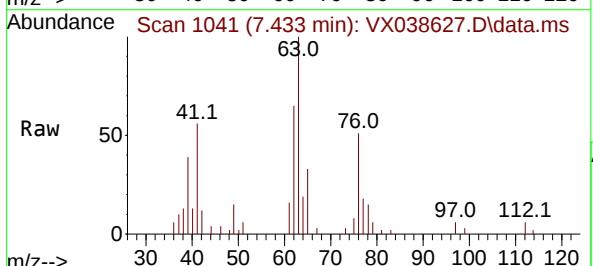
Acq: 28 Oct 2023 02:13

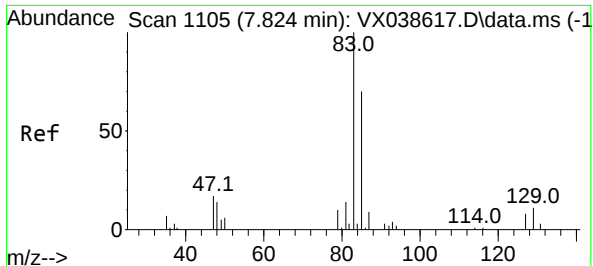
Tgt Ion: 63 Resp: 7423

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4

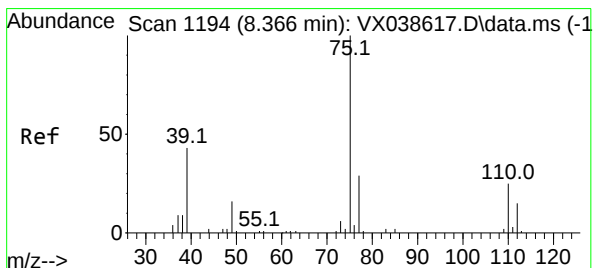
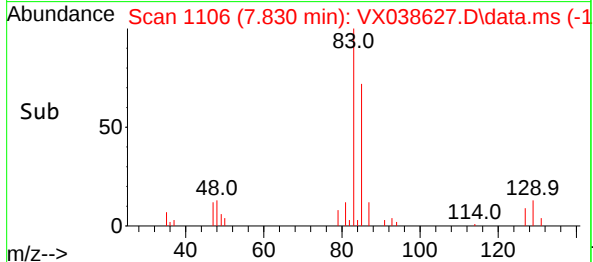
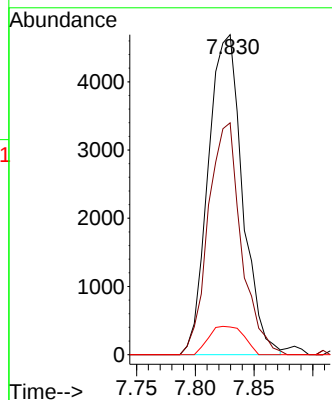
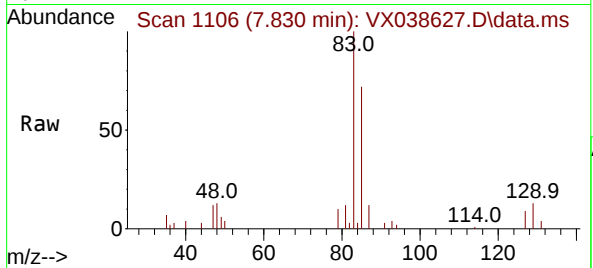




#38
Bromodichloromethane
Concen: 2.519 ug/L
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

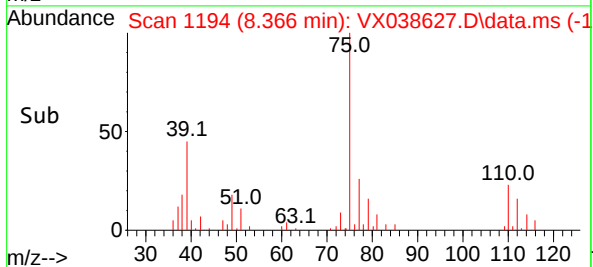
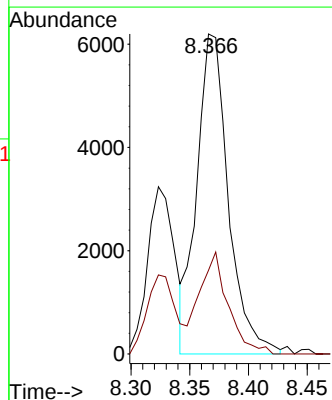
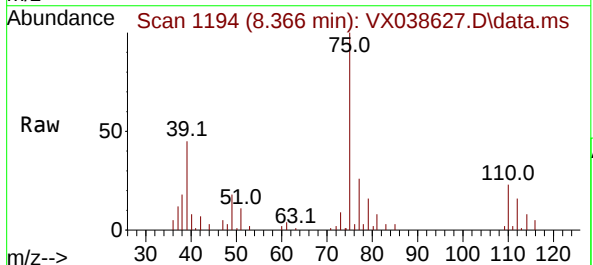
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

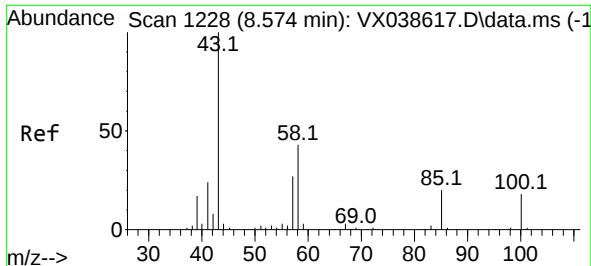
Tgt Ion: 83 Resp: 9524
Ion Ratio Lower Upper
83 100
85 72.5 45.4 84.2
127 8.6 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 2.764 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 75 Resp: 11581
Ion Ratio Lower Upper
75 100
77 26.1 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 5.279 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

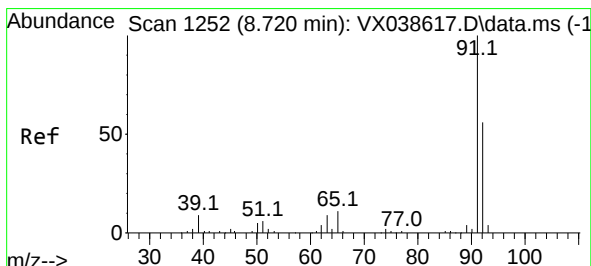
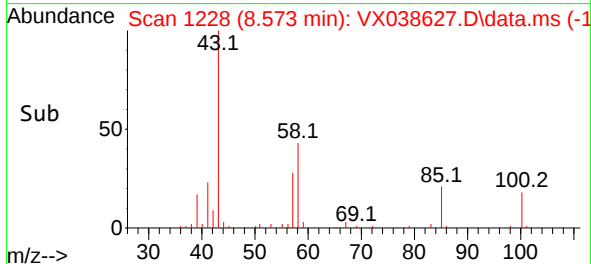
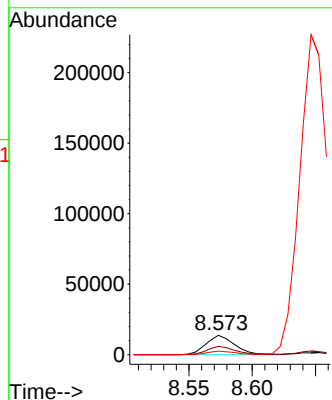
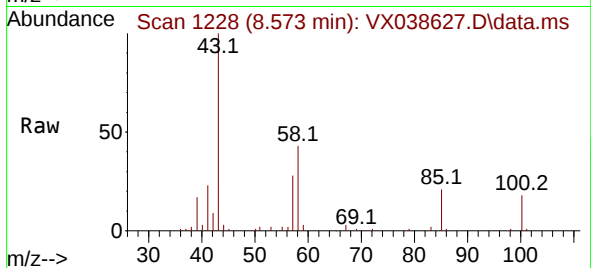
Tgt Ion: 43 Resp: 21426

Ion Ratio Lower Upper

43 100

58 42.0 33.9 50.9

100 18.3 15.0 22.6



#42

Toluene

Concen: 2.789 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038627.D

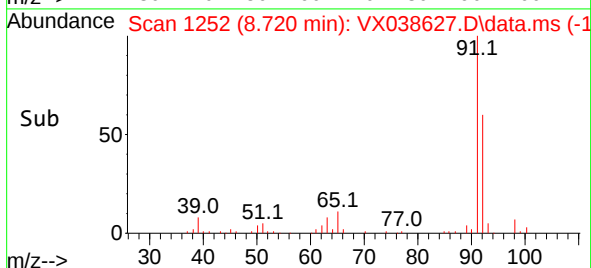
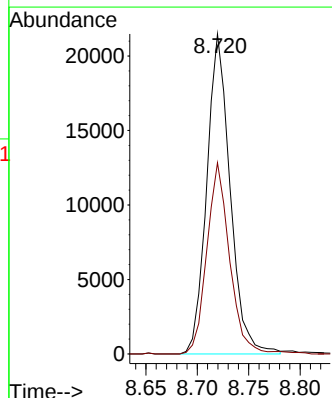
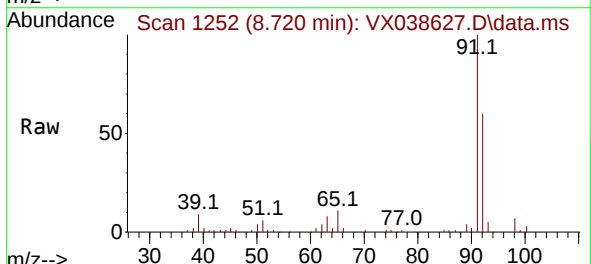
Acq: 28 Oct 2023 02:13

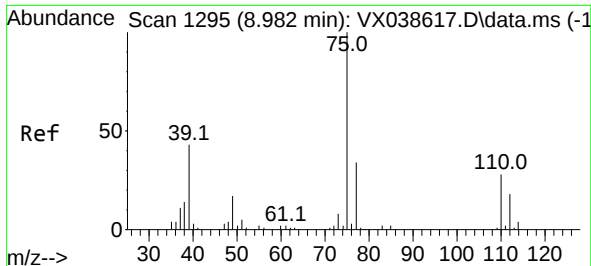
Tgt Ion: 91 Resp: 34018

Ion Ratio Lower Upper

91 100

92 59.8 39.5 73.4

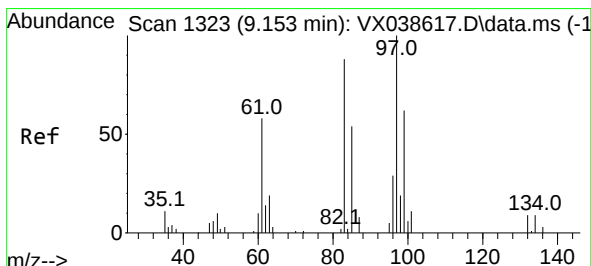
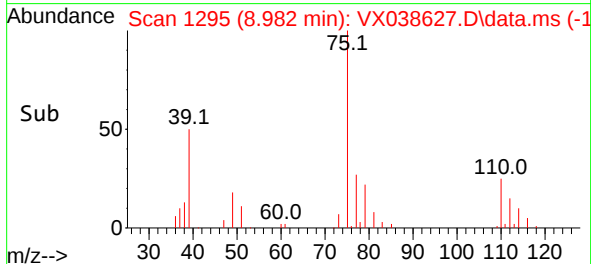
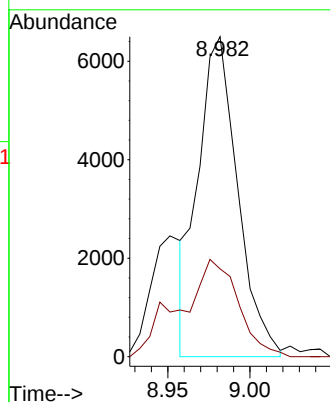
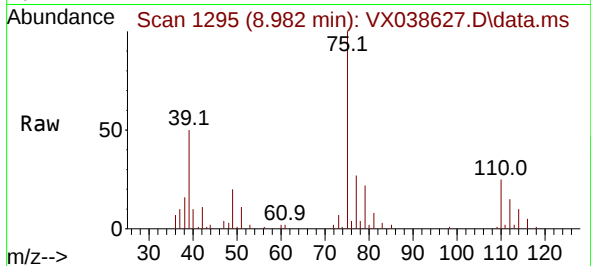




#44
trans-1,3-Dichloropropene
Concen: 2.711 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

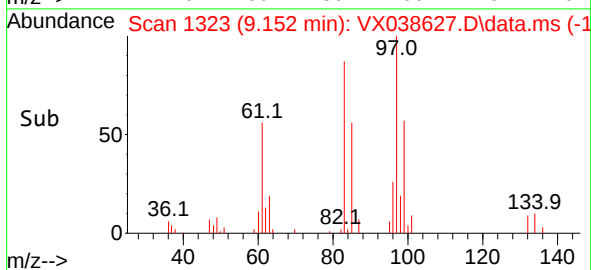
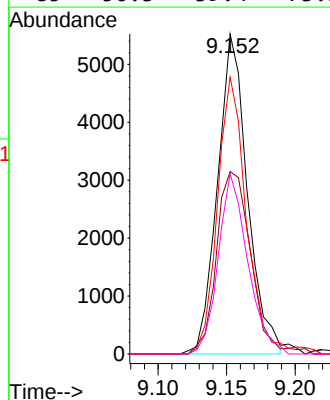
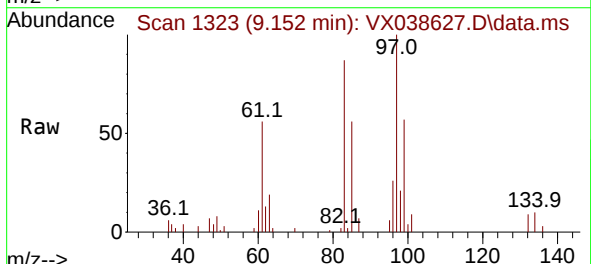
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

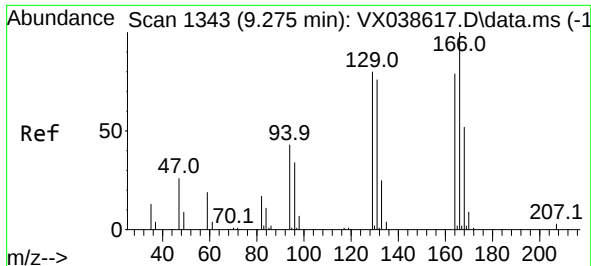
Tgt Ion: 75 Resp: 10838
Ion Ratio Lower Upper
75 100
77 27.5 21.4 39.8



#45
1,1,2-Trichloroethane
Concen: 2.744 ug/L
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 97 Resp: 8370
Ion Ratio Lower Upper
97 100
99 57.0 45.7 84.9
83 86.6 59.8 111.0
85 56.3 39.4 73.2



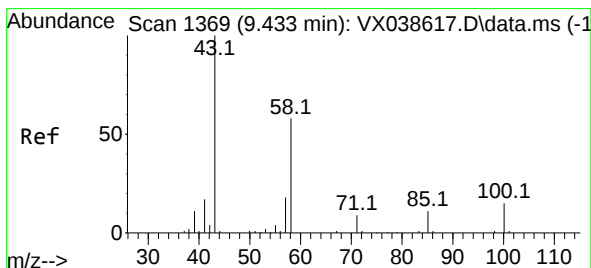
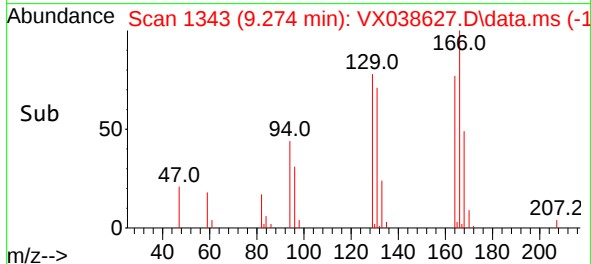
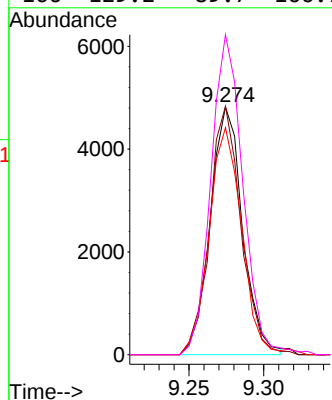
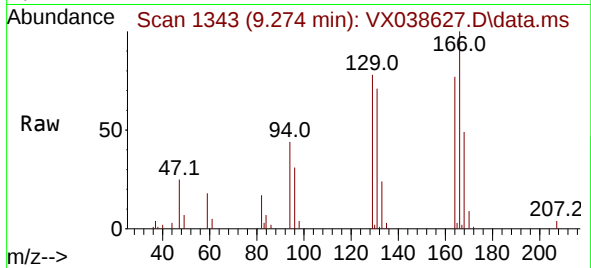


#46
Tetrachloroethene
Concen: 2.759 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2023-07

Tgt Ion:164 Resp: 7240

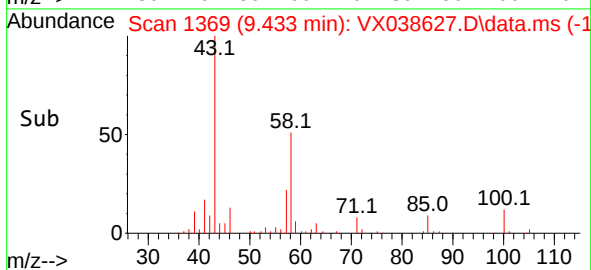
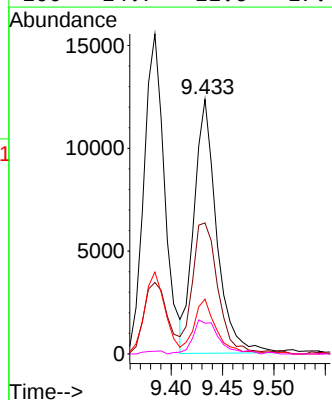
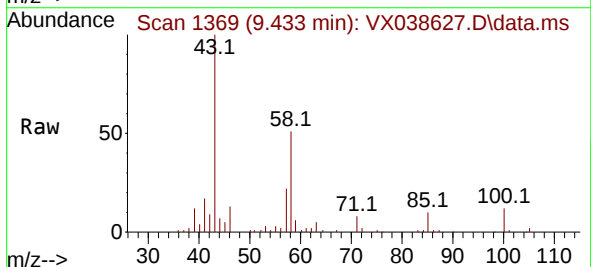
Ion	Ratio	Lower	Upper
164	100		
129	100.3	67.5	125.4
131	91.6	64.5	119.9
166	129.2	89.7	166.7

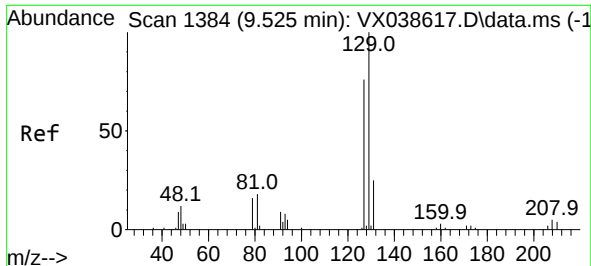


#48
2-Hexanone
Concen: 5.850 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 43 Resp: 18996

Ion	Ratio	Lower	Upper
43	100		
58	57.7	46.6	69.8
57	19.1	16.6	24.8
100	14.7	11.6	17.4





#49

Dibromochloromethane

Concen: 2.543 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

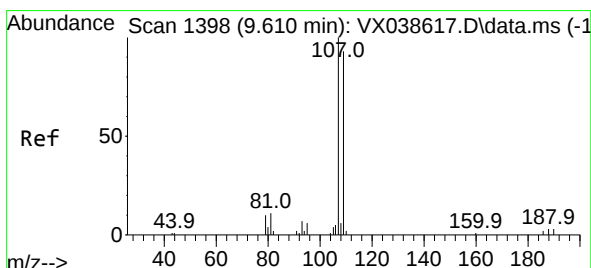
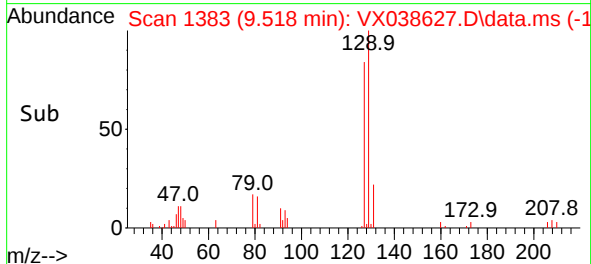
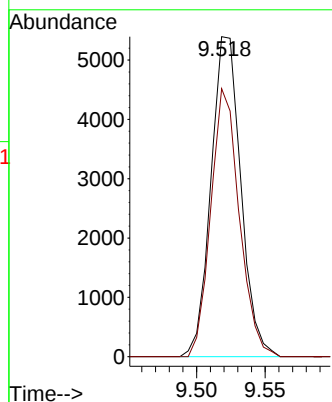
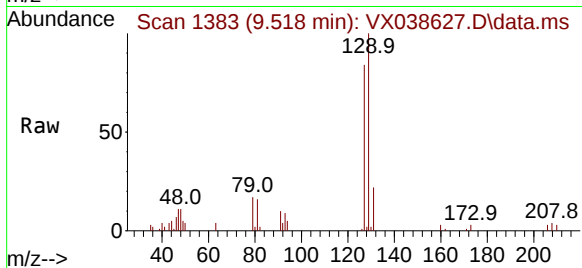
MDL-WATER-QT4-2023-07

Tgt Ion:129 Resp: 8183

Ion Ratio Lower Upper

129 100

127 83.7 54.2 100.6



#50

1,2-Dibromoethane

Concen: 2.709 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

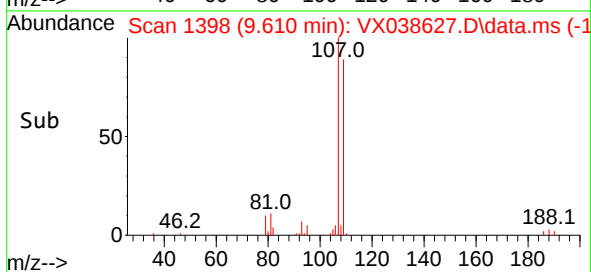
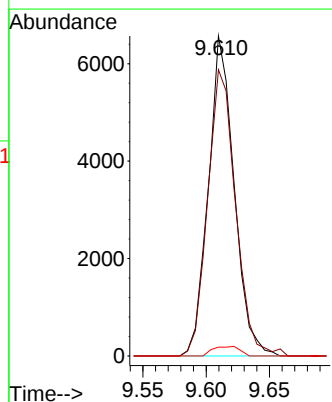
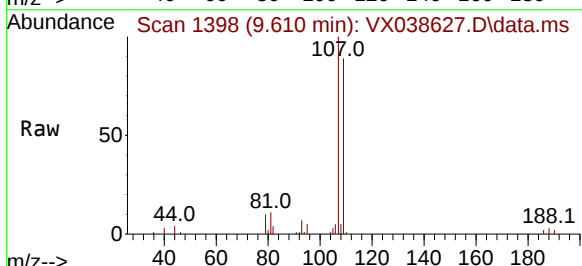
Tgt Ion:107 Resp: 9327

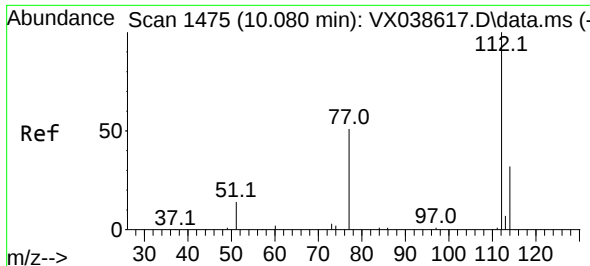
Ion Ratio Lower Upper

107 100

109 89.5 66.9 124.3

188 2.8 3.0 4.4#

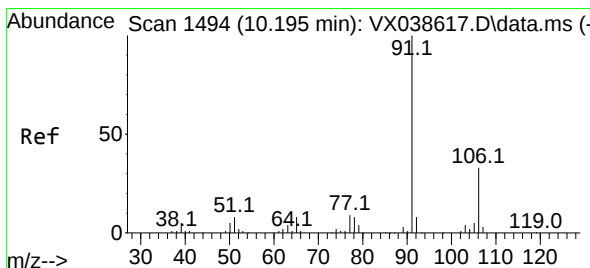
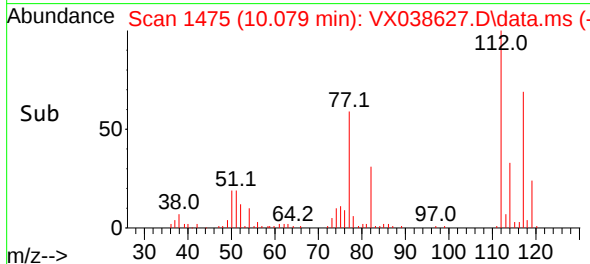
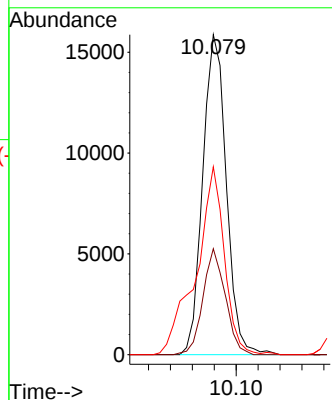
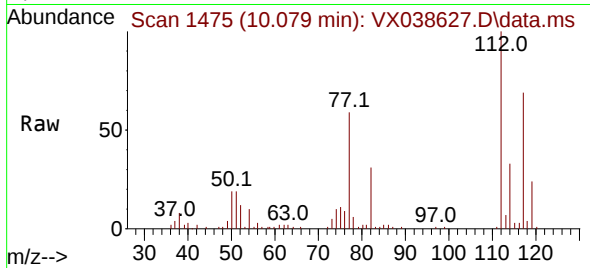




#51
Chlorobenzene
Concen: 2.840 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

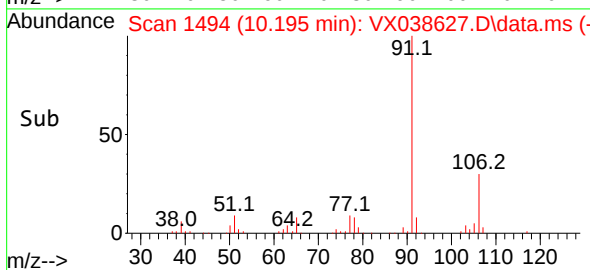
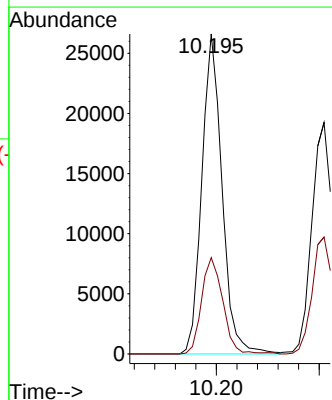
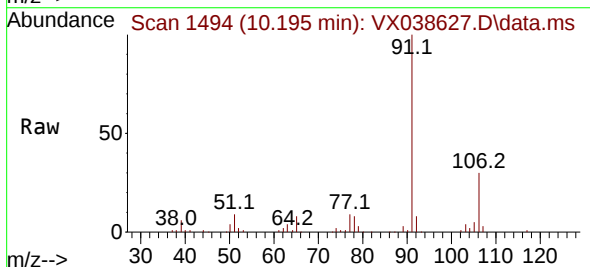
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

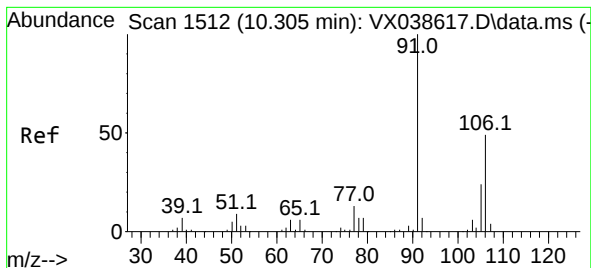
Tgt Ion:112 Resp: 23710
Ion Ratio Lower Upper
112 100
114 33.1 22.1 41.1
77 58.7 43.1 64.7



#52
Ethylbenzene
Concen: 2.652 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 91 Resp: 36405
Ion Ratio Lower Upper
91 100
106 30.1 22.7 42.1





#53

m,p-Xylene

Concen: 2.629 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

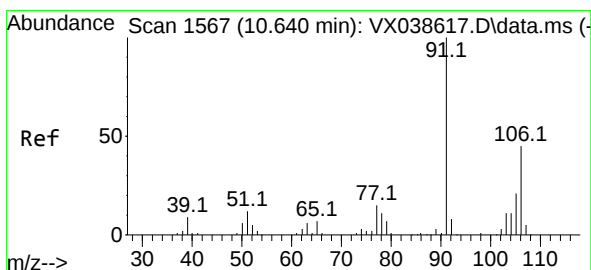
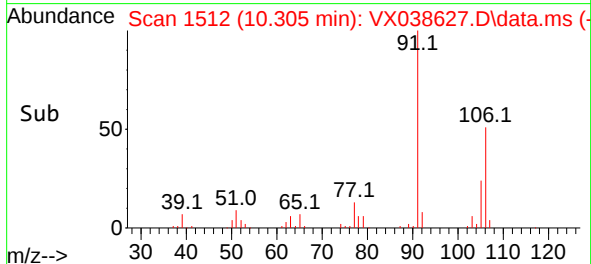
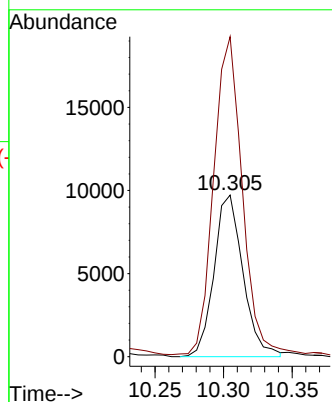
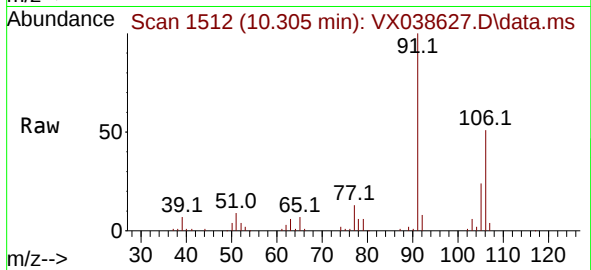
MDL-WATER-QT4-2023-07

Tgt Ion:106 Resp: 14281

Ion Ratio Lower Upper

106 100

91 197.9 141.2 262.2



#54

o-Xylene

Concen: 2.473 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX038627.D

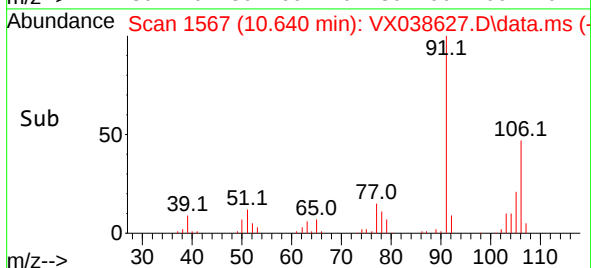
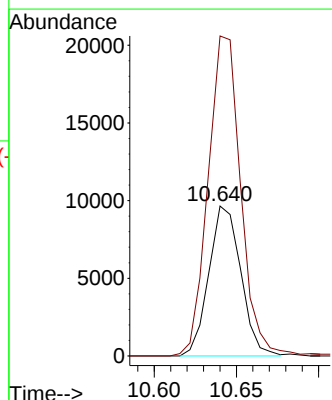
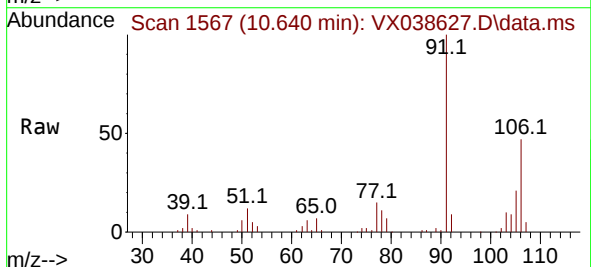
Acq: 28 Oct 2023 02:13

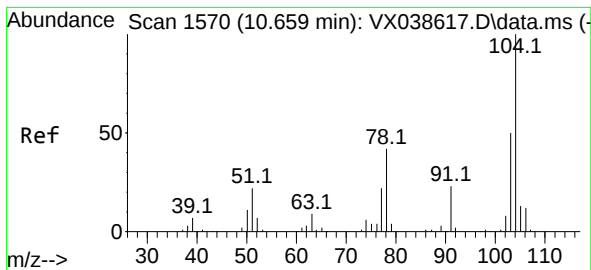
Tgt Ion:106 Resp: 13038

Ion Ratio Lower Upper

106 100

91 213.3 149.0 276.8





#55

Styrene

Concen: 2.474 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

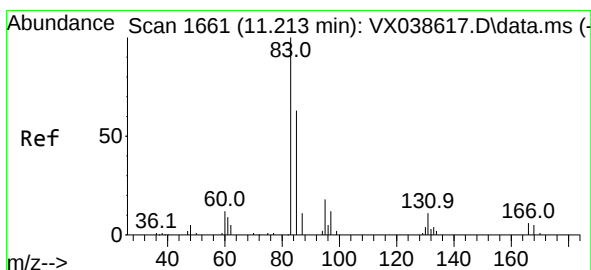
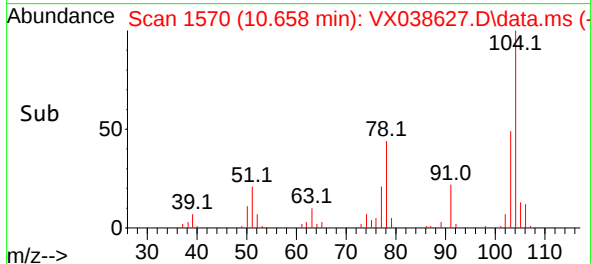
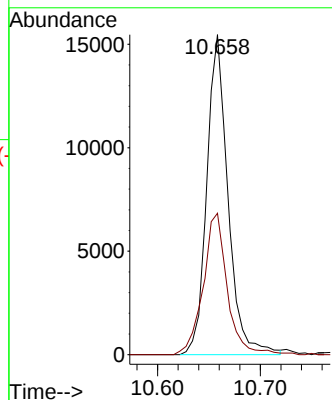
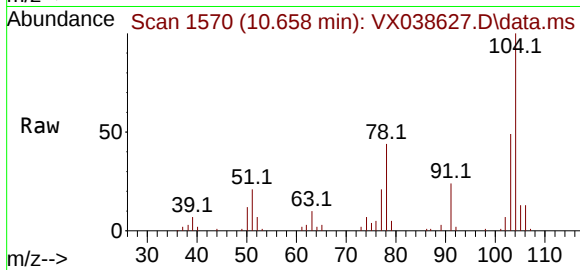
MDL-WATER-QT4-2023-07

Tgt Ion:104 Resp: 22177

Ion Ratio Lower Upper

104 100

78 44.2 31.7 58.9



#57

1,1,2,2-Tetrachloroethane

Concen: 2.930 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

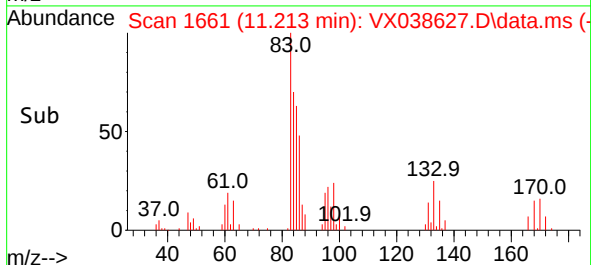
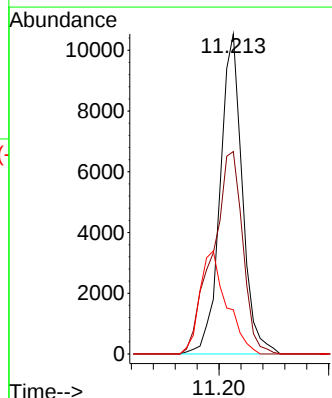
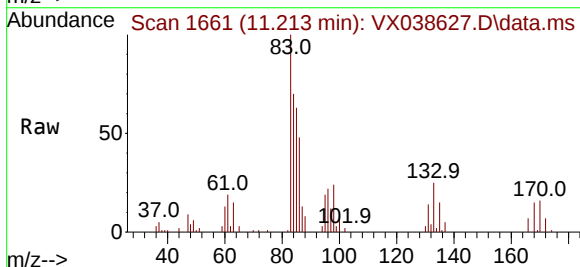
Tgt Ion: 83 Resp: 14818

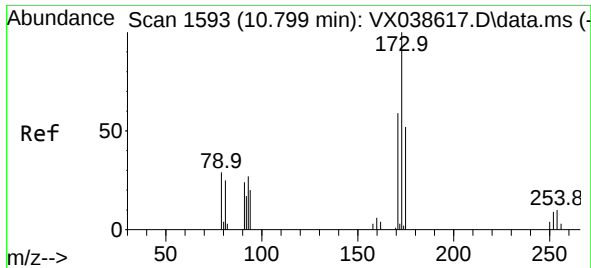
Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4

131 13.8 8.8 13.2#

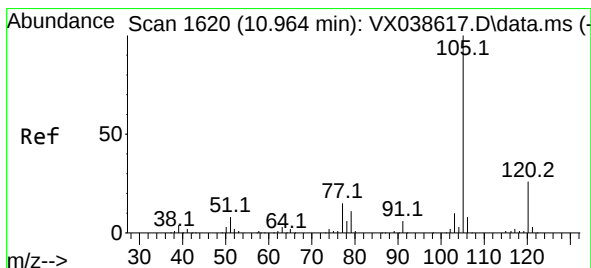
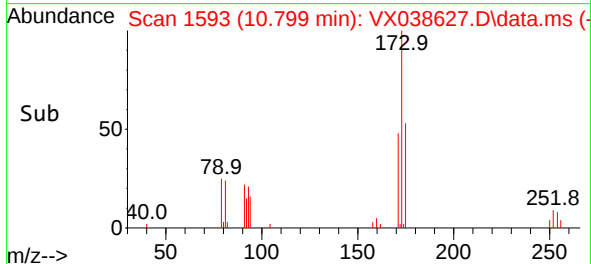
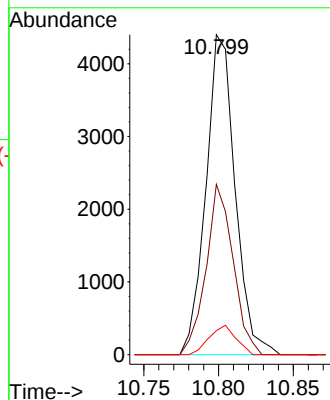
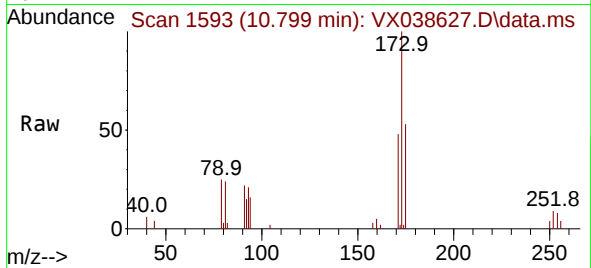




#59
Bromoform
Concen: 2.446 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

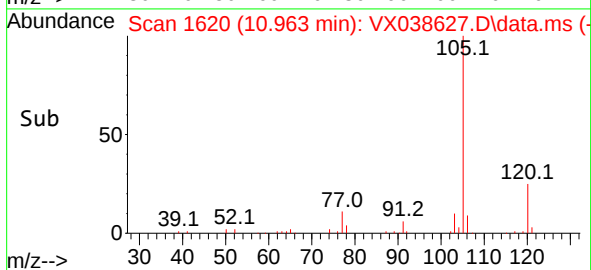
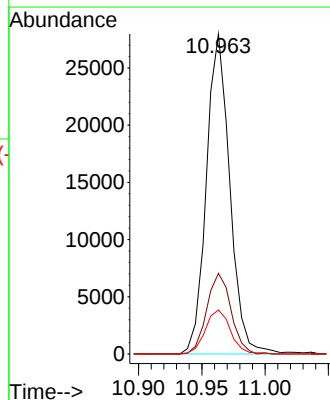
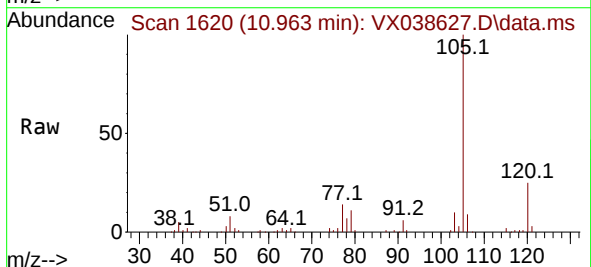
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

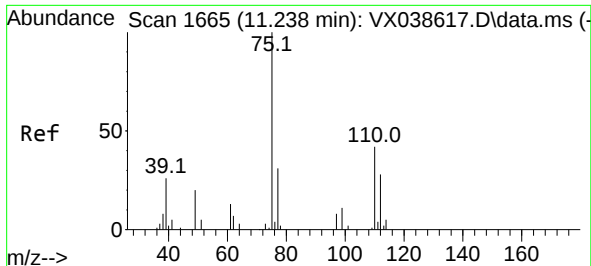
Tgt Ion:	173	Resp:	5984
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.6
254	8.4	7.6	11.4



#60
Isopropylbenzene
Concen: 2.671 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion:	105	Resp:	36062
Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.6	32.4
77	14.6	12.1	18.1

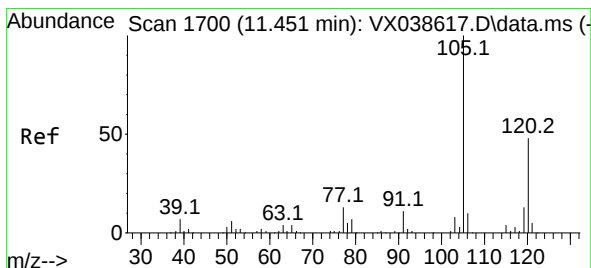
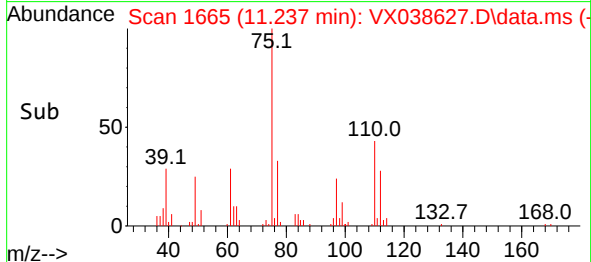
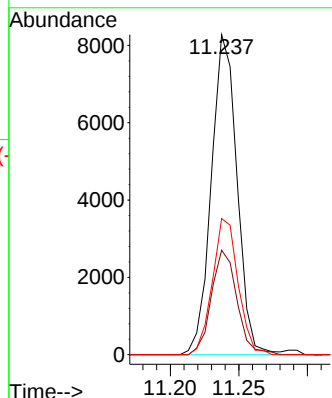
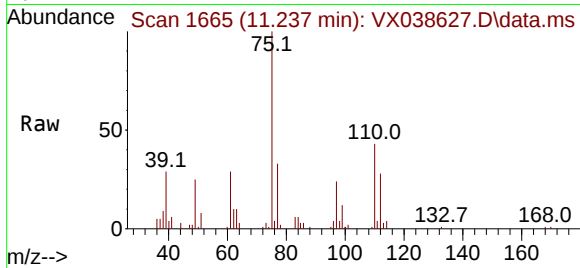




#61
1,2,3-Trichloropropane
Concen: 2.889 ug/L
RT: 11.237 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

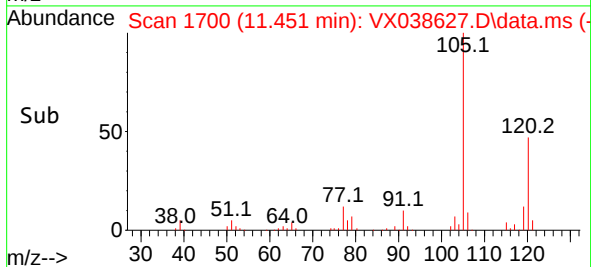
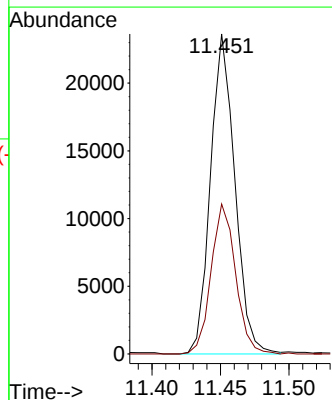
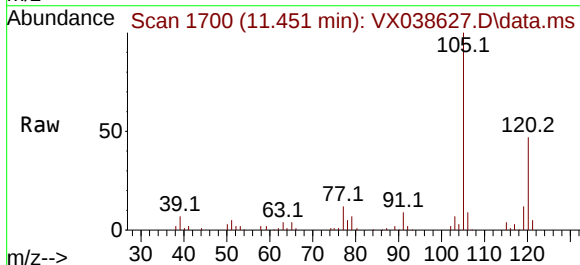
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

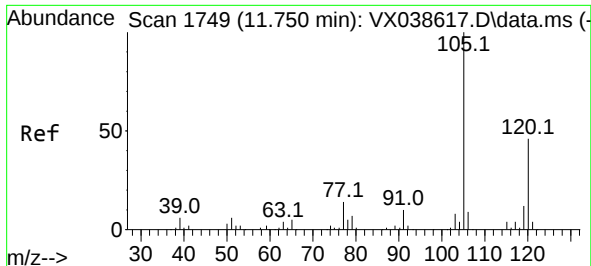
Tgt Ion: 75	Resp:	10784
Ion Ratio	Lower	Upper
75	100	
77	32.5	25.8 38.8
110	42.6	33.6 50.4



#62
1,3,5-Trimethylbenzene
Concen: 2.595 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 105	Resp:	29252
Ion Ratio	Lower	Upper
105	100	
120	47.1	38.8 58.2

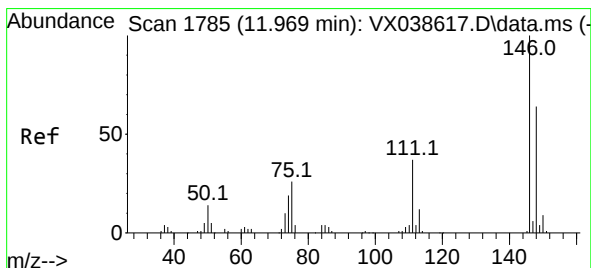
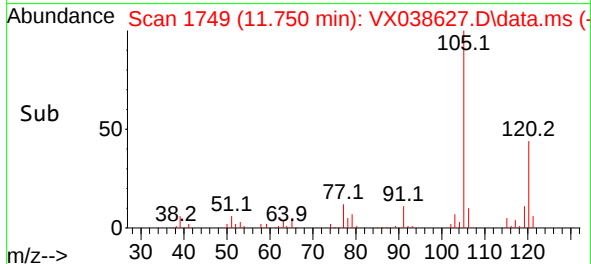
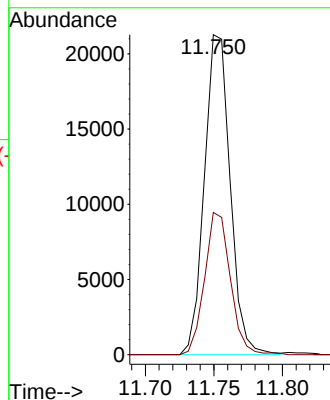
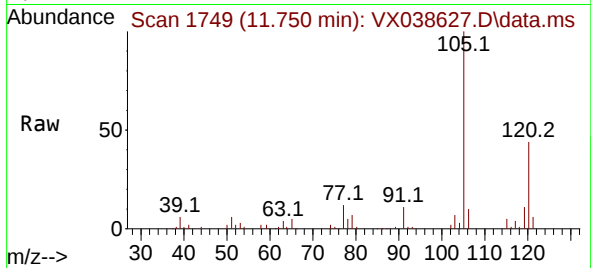




#63
1,2,4-Trimethylbenzene
Concen: 2.508 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

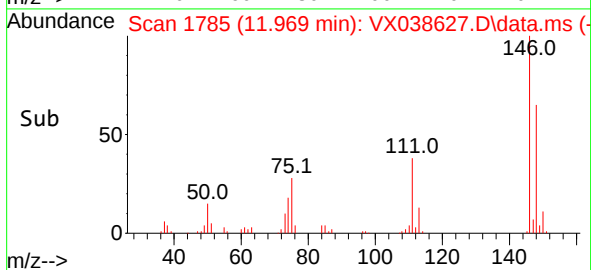
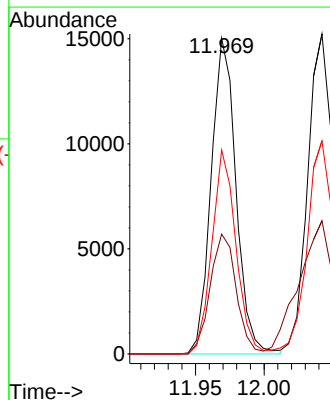
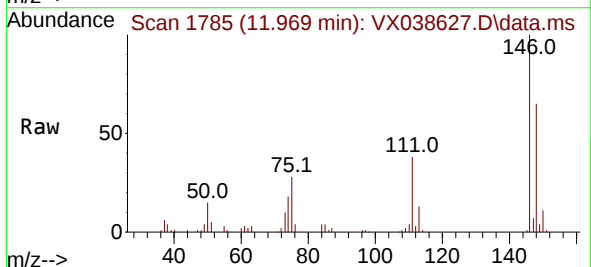
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT4-2023-07

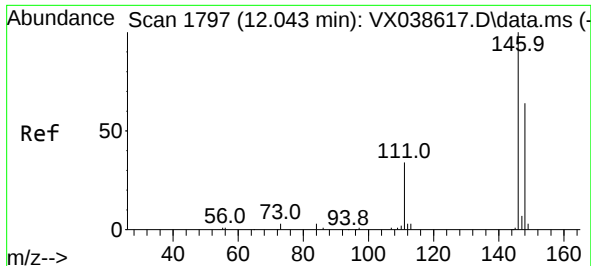
Tgt Ion:105 Resp: 27863
Ion Ratio Lower Upper
105 100
120 44.1 36.6 54.8



#64
1,3-Dichlorobenzene
Concen: 2.829 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt Ion:146 Resp: 18961
Ion Ratio Lower Upper
146 100
111 37.9 27.0 50.2
148 64.6 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 2.884 ug/L

RT: 12.042 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

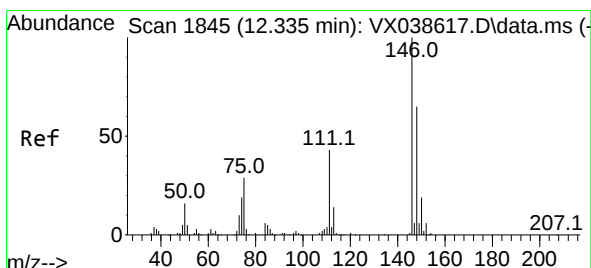
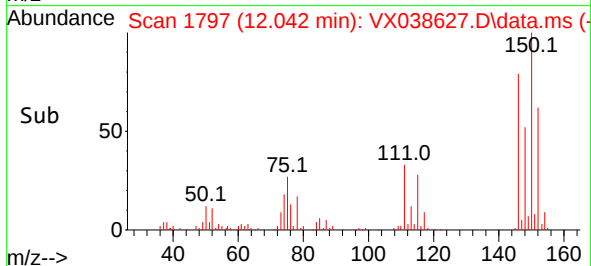
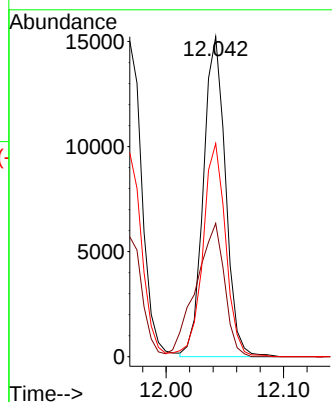
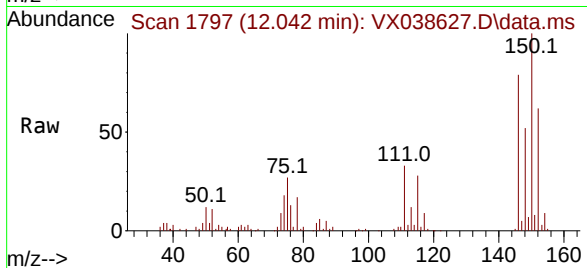
Tgt Ion:146 Resp: 19910

Ion Ratio Lower Upper

146 100

111 41.7 26.0 48.2

148 66.6 44.8 83.2



#67

1,2-Dichlorobenzene

Concen: 2.962 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

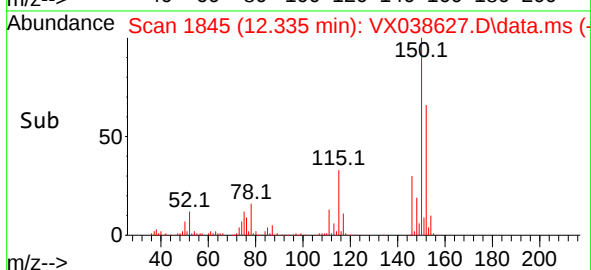
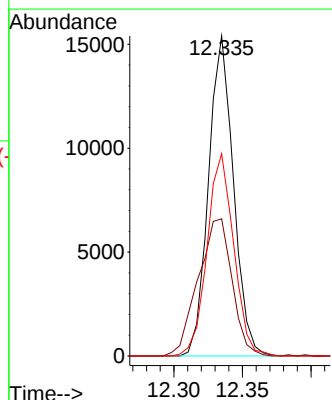
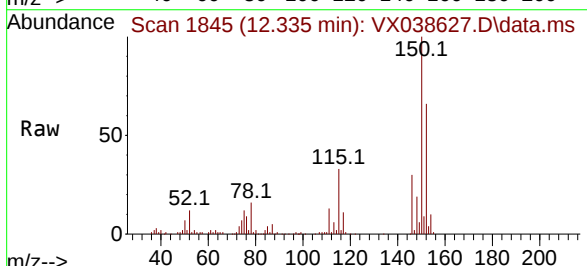
Tgt Ion:146 Resp: 19484

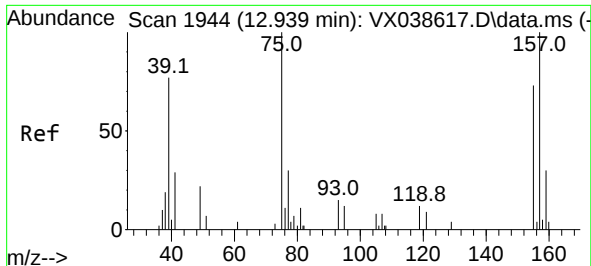
Ion Ratio Lower Upper

146 100

111 42.8 32.2 48.2

148 63.2 51.0 76.6

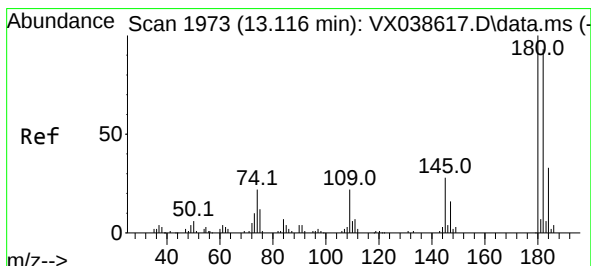
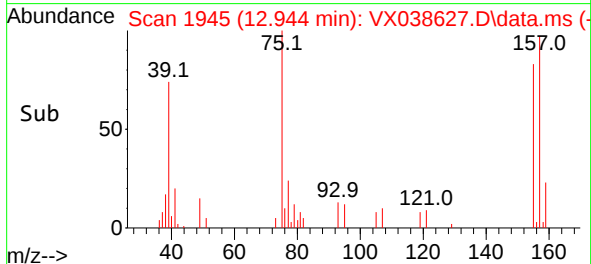
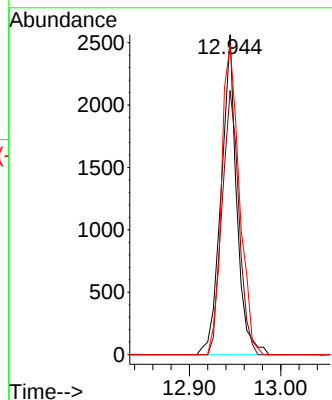
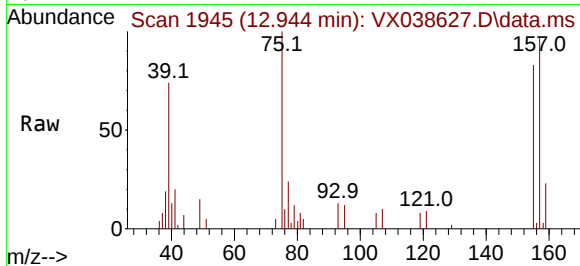




#68
1,2-Dibromo-3-chloropropane
Concen: 2.676 ug/L
RT: 12.944 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

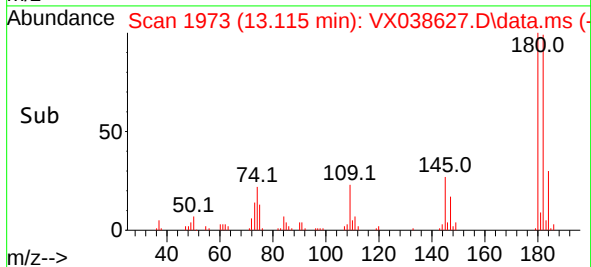
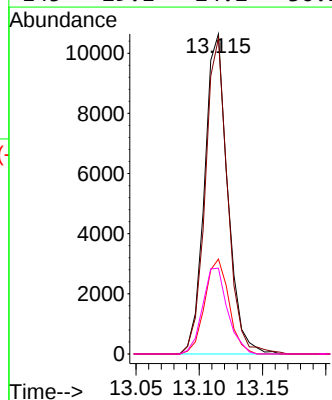
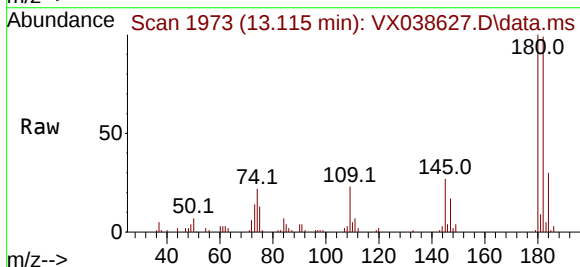
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2023-07

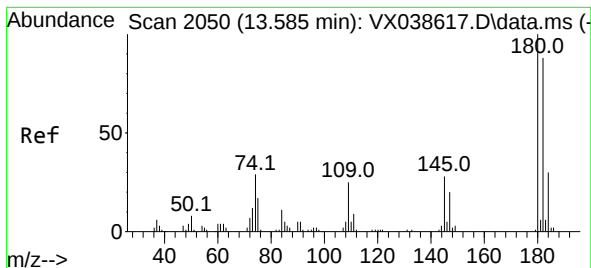
Tgt Ion: 75	Resp:	3028	
Ion Ratio	Lower	Upper	
75	100		
155	82.5	66.6	99.8
157	96.7	85.9	128.9



#69
1,3,5-Trichlorobenzene
Concen: 2.811 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX038627.D
Acq: 28 Oct 2023 02:13

Tgt	Ion:180	Resp:	13534
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.9	115.3
184	30.9	24.5	36.7
145	29.1	24.2	36.2





#70

1,2,4-trichlorobenzene

Concen: 2.884 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT4-2023-07

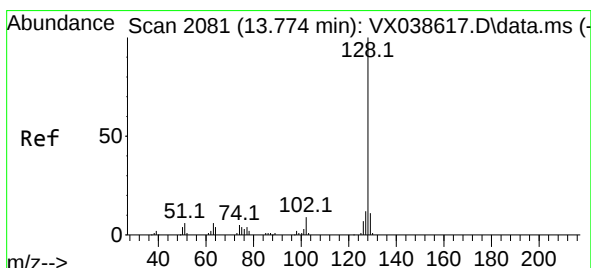
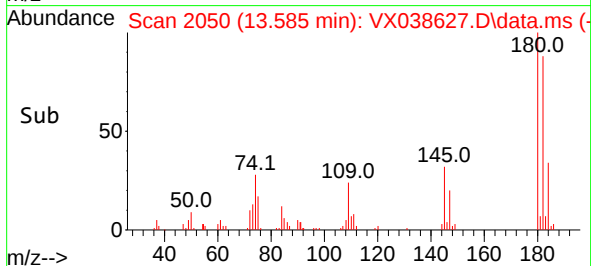
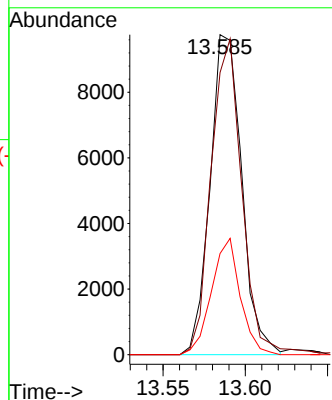
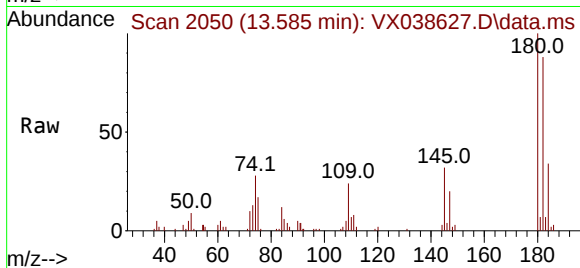
Tgt Ion:180 Resp: 13050

Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 33.1 24.5 36.7



#71

Naphthalene

Concen: 2.680 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX038627.D

Acq: 28 Oct 2023 02:13

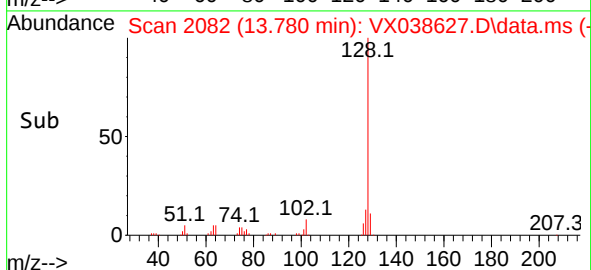
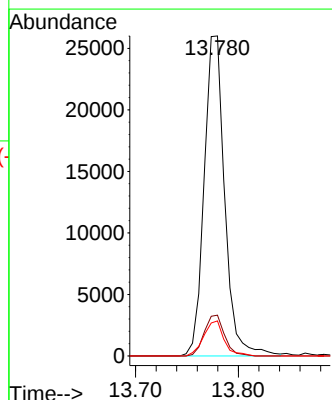
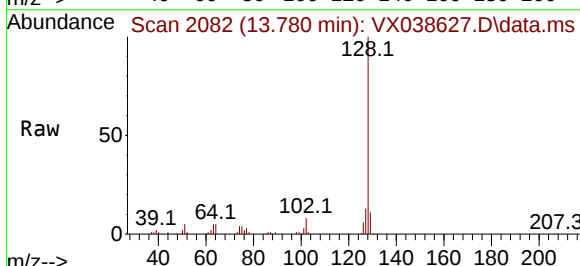
Tgt Ion:128 Resp: 36354

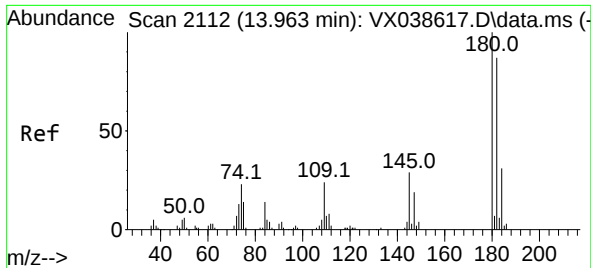
Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

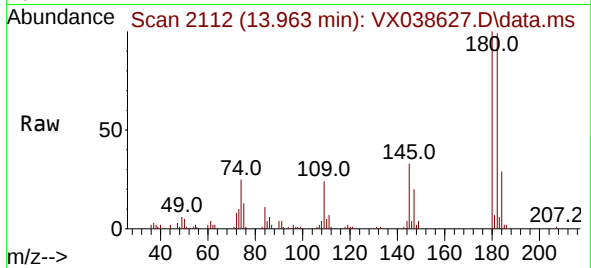
129 10.9 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 2.855 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038627.D
 Acq: 28 Oct 2023 02:13

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion:	180	Resp:	12601
Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.2	114.4
145	32.5	25.8	38.6

