

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041976.D
 Acq On : 21 Jun 2024 13:13
 Operator : JC/MD
 Sample : P2403-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Jun 22 06:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 22 05:57:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	262096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98338	48.552	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.100%
35) Dibromofluoromethane	5.385	113	87332	46.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.647	98	302292	46.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.540%
62) 4-Bromofluorobenzene	11.079	95	110931	46.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3600	2.690	ug/l	93
3) Chloromethane	1.306	50	4716	2.809	ug/l	90
4) Vinyl Chloride	1.374	62	4614	2.742	ug/l	99
5) Bromomethane	1.593	94	2777	3.342	ug/l	83
6) Chloroethane	1.666	64	3947	4.659	ug/l	# 83
7) Trichlorofluoromethane	1.873	101	6403	2.904	ug/l	98
8) Diethyl Ether	2.136	74	2703	2.612	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.318	101	4160	2.739	ug/l	# 83
10) Methyl Iodide	2.447	142	4079	2.161	ug/l	# 87
11) Tert butyl alcohol	3.001	59	5337	13.884	ug/l	99
12) 1,1-Dichloroethene	2.306	96	4089	2.699	ug/l	89
13) Acrolein	2.239	56	4433	10.288	ug/l	98
14) Allyl chloride	2.660	41	6417	2.671	ug/l	90
15) Acrylonitrile	3.074	53	12875	12.823	ug/l	97
16) Acetone	2.392	43	11867	13.343	ug/l	98
17) Carbon Disulfide	2.501	76	8097	2.621	ug/l	96
18) Methyl Acetate	2.709	43	6421	2.647	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	13244	2.646	ug/l	98
20) Methylene Chloride	2.788	84	6419	3.296	ug/l	# 85
21) trans-1,2-Dichloroethene	3.087	96	4174	2.715	ug/l	91
22) Diisopropyl ether	3.769	45	13463	2.651	ug/l	94
23) Vinyl Acetate	3.733	43	54005	12.452	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	7887	2.773	ug/l	96
25) 2-Butanone	4.586	43	18219	13.168	ug/l	96
26) 2,2-Dichloropropane	4.471	77	5106	2.479	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	5115	2.656	ug/l	85
28) Bromochloromethane	4.903	49	3343	2.744	ug/l	# 74
29) Tetrahydrofuran	5.025	42	12344	13.814	ug/l	98
30) Chloroform	5.098	83	7956	2.685	ug/l	90
31) Cyclohexane	5.470	56	6382	2.694	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	6717	2.713	ug/l	95
36) 1,1-Dichloropropene	5.690	75	4933	2.498	ug/l	94
37) Ethyl Acetate	4.739	43	5945	2.311	ug/l	97
38) Carbon Tetrachloride	5.672	117	5430	2.489	ug/l	99
39) Methylcyclohexane	7.379	83	6344	2.540	ug/l	91
40) Benzene	6.037	78	17539	2.633	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	3304	2.369	ug/l #	84
42) 1,2-Dichloroethane	6.092	62	6010	2.801	ug/l	92
43) Isopropyl Acetate	6.354	43	10107	2.560	ug/l	98
44) Trichloroethene	7.129	130	4953	2.774	ug/l	82
45) 1,2-Dichloropropane	7.433	63	4380	2.674	ug/l	97
46) Dibromomethane	7.586	93	2959	2.480	ug/l #	70
47) Bromodichloromethane	7.824	83	5345	2.440	ug/l	97
48) Methyl methacrylate	7.708	41	4593	2.437	ug/l	87
49) 1,4-Dioxane	7.677	88	1809	39.703	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	33603	12.354	ug/l	97
52) Toluene	8.720	92	11160	2.631	ug/l	98
53) t-1,3-Dichloropropene	8.988	75	4612	2.151	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	5516	2.300	ug/l #	86
55) 1,1,2-Trichloroethane	9.159	97	4618	2.614	ug/l	98
56) Ethyl methacrylate	9.122	69	6287	2.287	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	7628	2.672	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	15536	12.129	ug/l	99
59) 2-Hexanone	9.439	43	25602	12.289	ug/l	96
60) Dibromochloromethane	9.525	129	4149	2.162	ug/l	100
61) 1,2-Dibromoethane	9.616	107	4720	2.576	ug/l	96
64) Tetrachloroethene	9.275	164	4720	2.800	ug/l #	86
65) Chlorobenzene	10.079	112	12967	2.693	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	3989	2.366	ug/l	90
67) Ethyl Benzene	10.195	91	19090	2.530	ug/l	89
68) m/p-Xylenes	10.305	106	15343	5.036	ug/l	88
69) o-Xylene	10.646	106	7253	2.405	ug/l	100
70) Styrene	10.658	104	11943	2.361	ug/l	95
71) Bromoform	10.805	173	3267	2.167	ug/l #	97
73) Isopropylbenzene	10.963	105	18443	2.644	ug/l	98
74) N-amyl acetate	10.847	43	7428	2.398	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	7375	2.844	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	6654	3.196	ug/l	95
77) Bromobenzene	11.201	156	6160	2.966	ug/l	73
78) n-propylbenzene	11.305	91	19100	2.524	ug/l	98
79) 2-Chlorotoluene	11.366	91	13399	2.748	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	14985	2.580	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	51335	70.013	ug/l #	5
82) 4-Chlorotoluene	11.457	91	13974	2.593	ug/l	91
83) tert-Butylbenzene	11.713	119	16706	2.621	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	14482	2.485	ug/l	93
85) sec-Butylbenzene	11.890	105	17616	2.443	ug/l	95
86) p-Isopropyltoluene	12.012	119	14869	2.361	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	9573	2.622	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	10286	2.746	ug/l	95
89) n-Butylbenzene	12.335	91	10933	2.255	ug/l	97
90) Hexachloroethane	12.536	117	2364	2.205	ug/l #	50
91) 1,2-Dichlorobenzene	12.335	146	9974	2.670	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1247	2.427	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.591	180	5288	2.161	ug/l	95
94) Hexachlorobutadiene	13.725	225	3116	2.518	ug/l	98
95) Naphthalene	13.780	128	16954	2.247	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6081	2.356	ug/l	94

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QLast Update : Sat Jun 22 05:57:20 2024
Response via : Initial Calibration

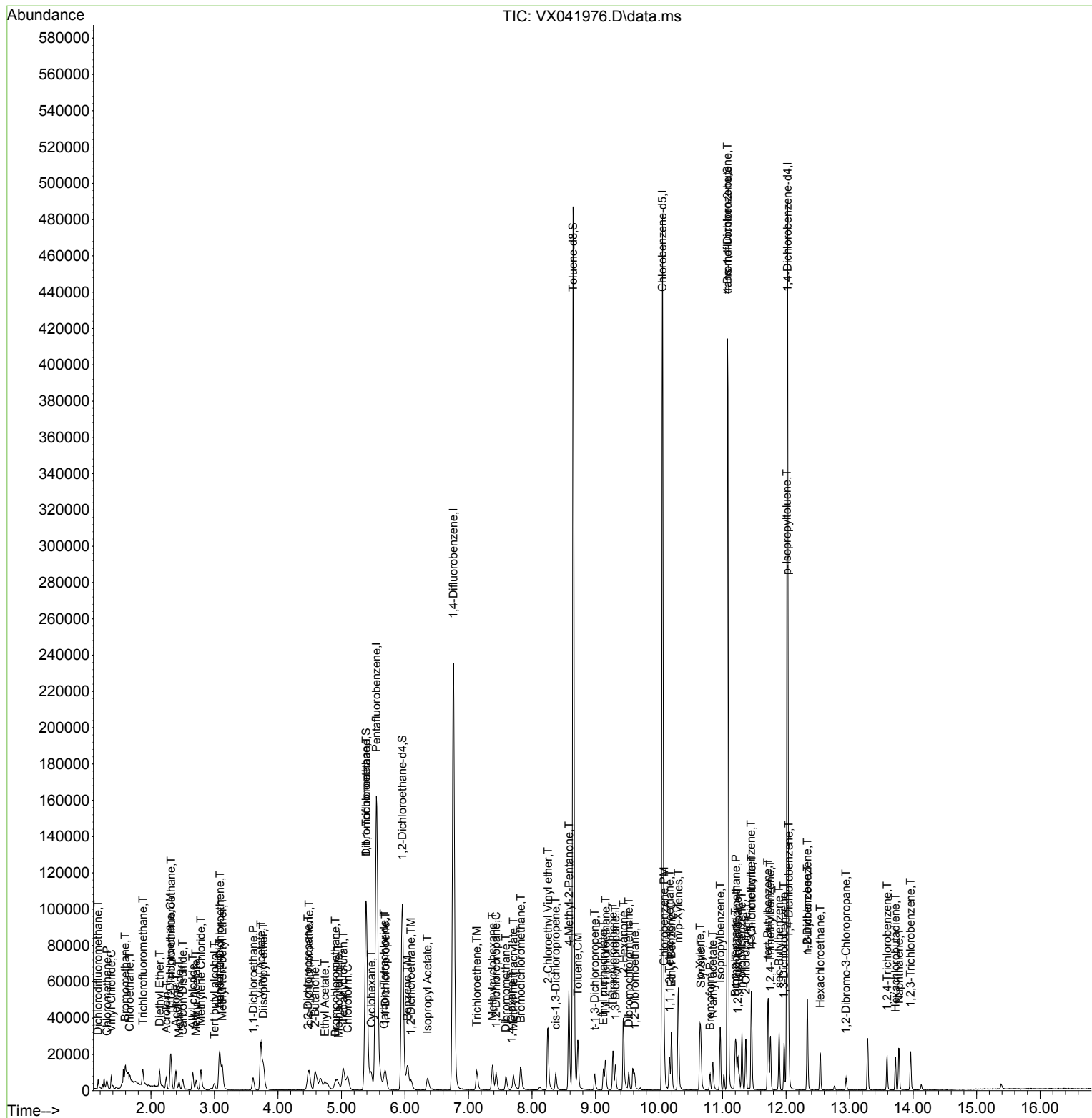
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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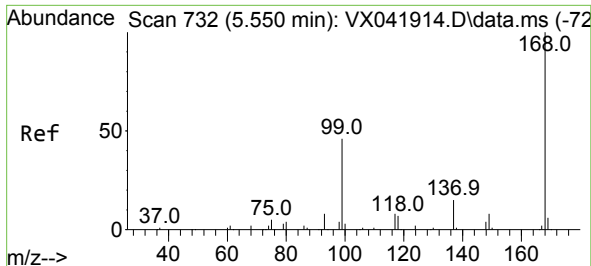
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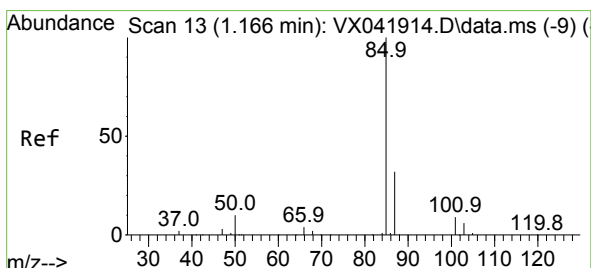
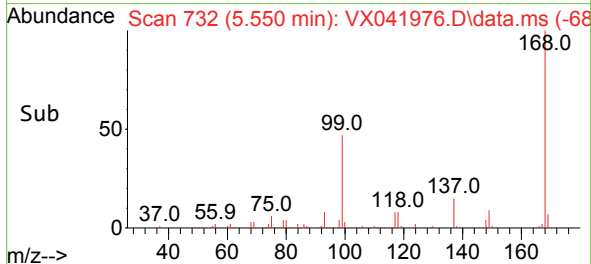
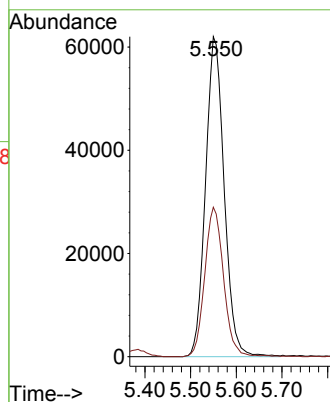
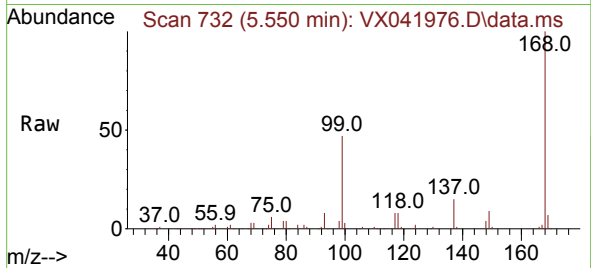




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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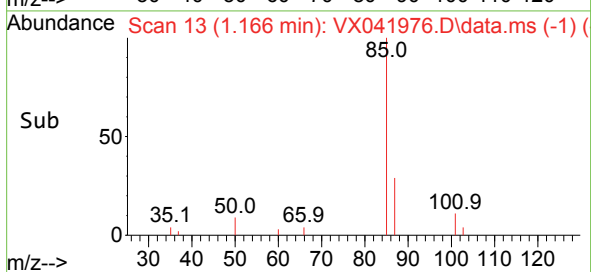
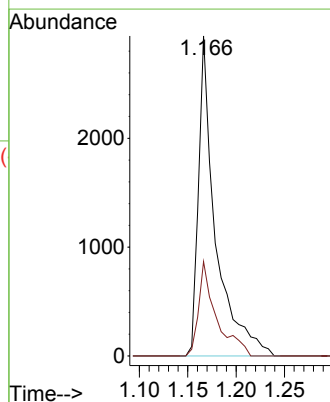
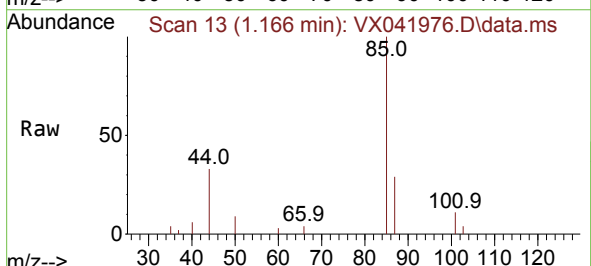
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

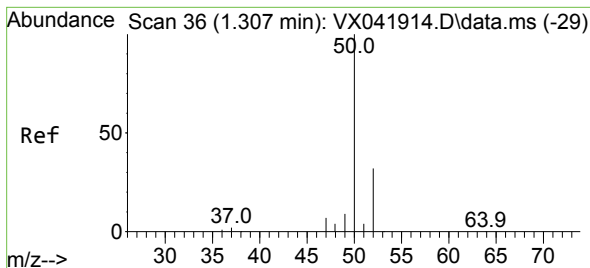
Tgt Ion:168 Resp: 175644
Ion Ratio Lower Upper
168 100
99 46.7 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 2.690 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 85 Resp: 3600
Ion Ratio Lower Upper
85 100
87 29.5 16.7 50.1





#3

Chloromethane

Concen: 2.809 ug/l

RT: 1.306 min Scan# 30

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

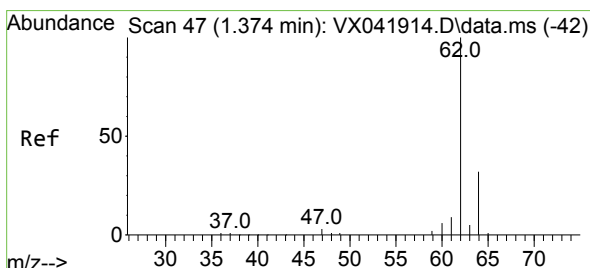
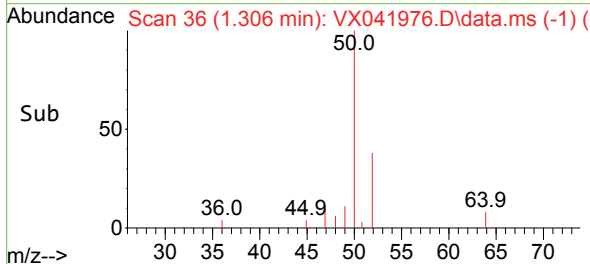
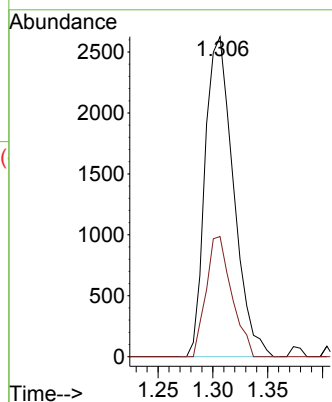
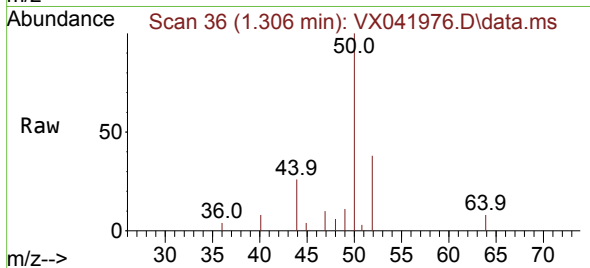
MDL-WATER-03-QT2-2024

Tgt Ion: 50 Resp: 4716

Ion Ratio Lower Upper

50 100

52 37.5 25.5 38.3



#4

Vinyl Chloride

Concen: 2.742 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX041976.D

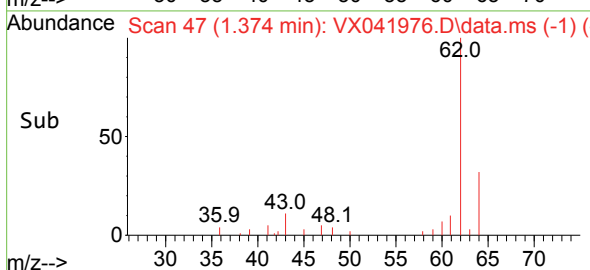
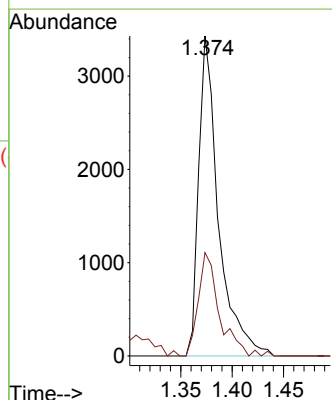
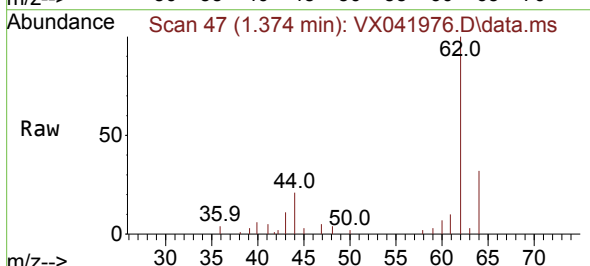
Acq: 21 Jun 2024 13:13

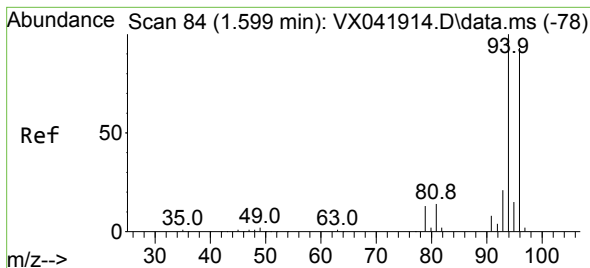
Tgt Ion: 62 Resp: 4614

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 3.342 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

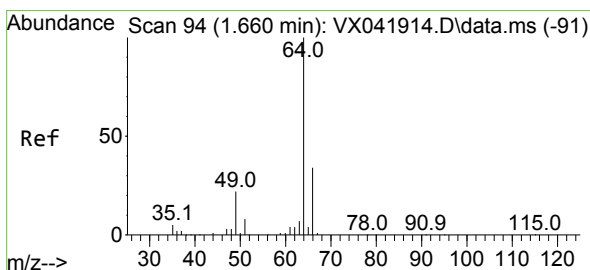
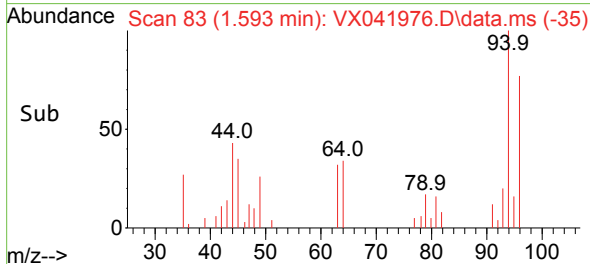
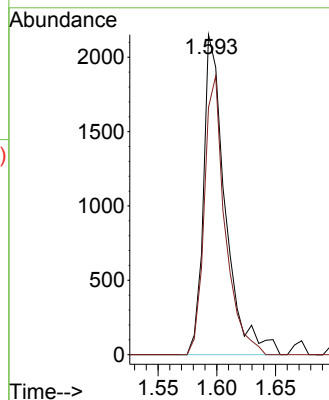
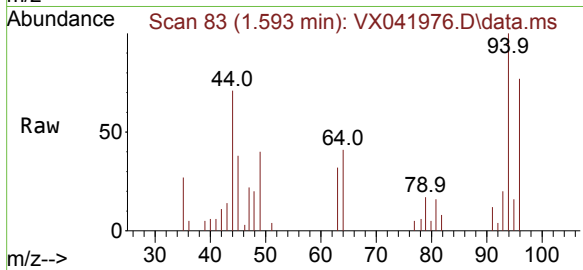
MDL-WATER-03-QT2-2024

Tgt Ion: 94 Resp: 2777

Ion Ratio Lower Upper

94 100

96 77.3 74.6 111.8



#6

Chloroethane

Concen: 4.659 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX041976.D

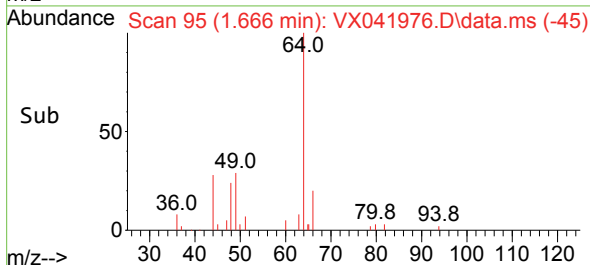
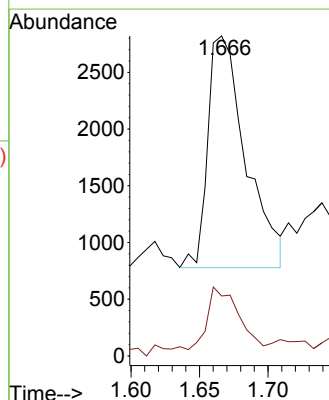
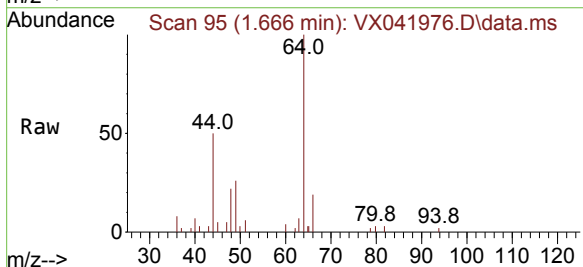
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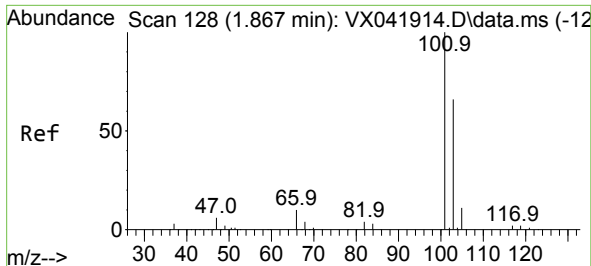
Tgt Ion: 64 Resp: 3947

Ion Ratio Lower Upper

64 100

66 21.9 25.1 37.7#

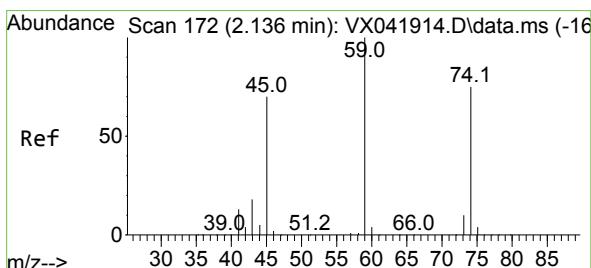
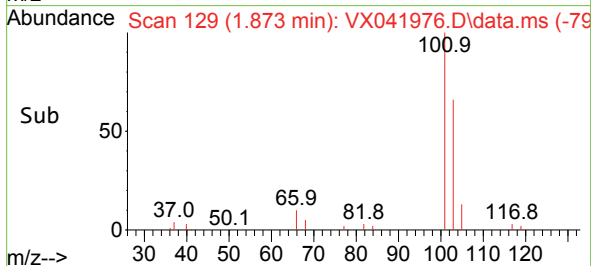
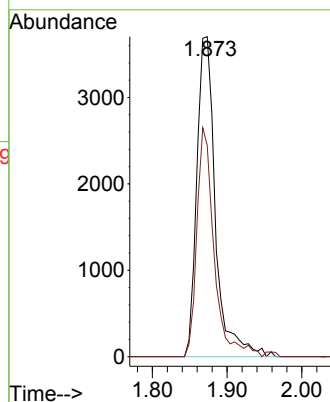
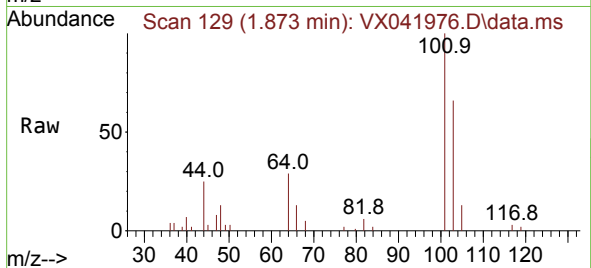




#7
Trichlorofluoromethane
Concen: 2.904 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

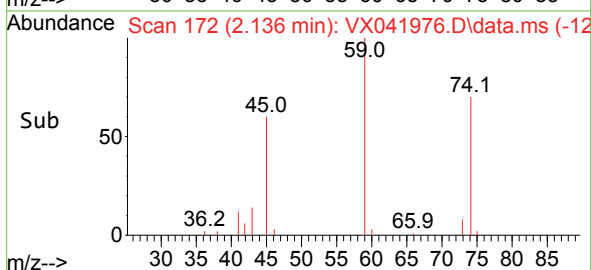
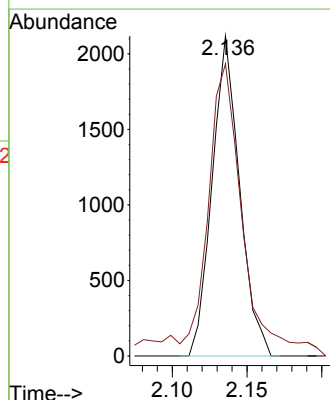
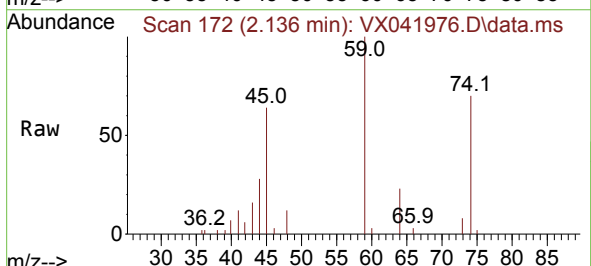
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MSVOA_X
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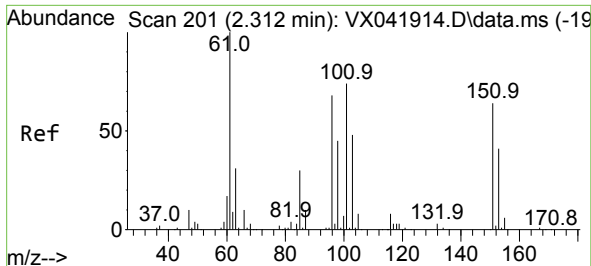
Tgt Ion:101 Resp: 6403
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.2



#8
Diethyl Ether
Concen: 2.612 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 74 Resp: 2703
Ion Ratio Lower Upper
74 100
45 120.1 53.3 159.8

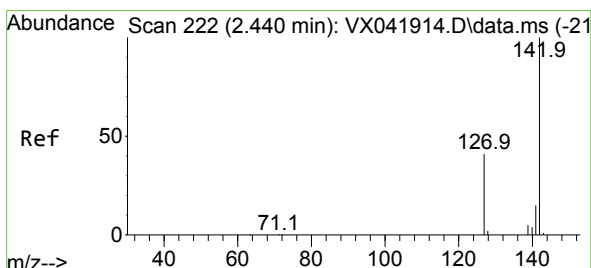
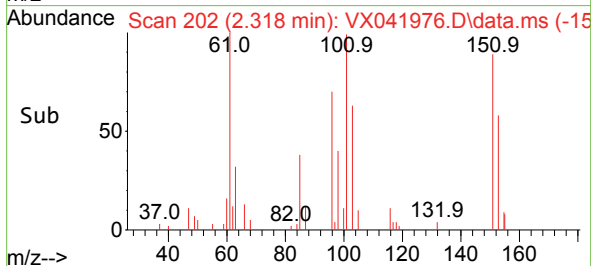
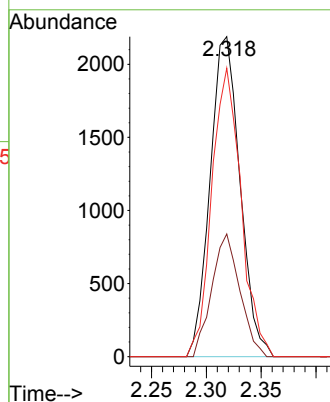
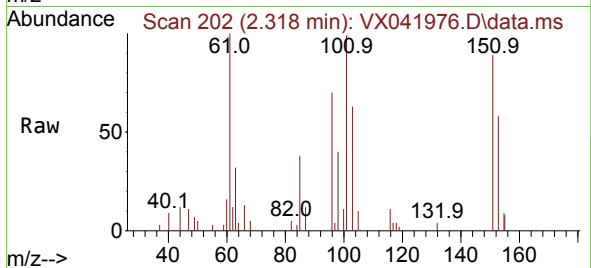




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.739 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

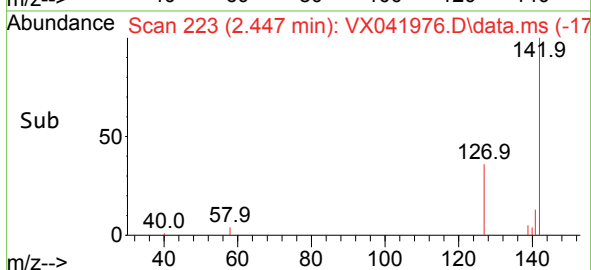
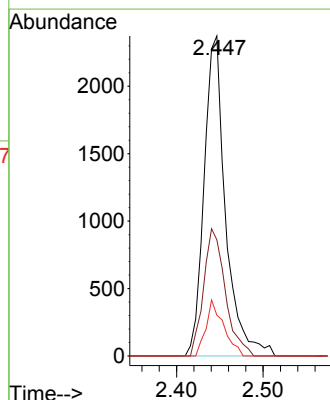
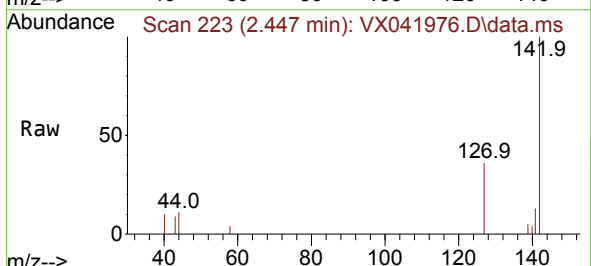
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

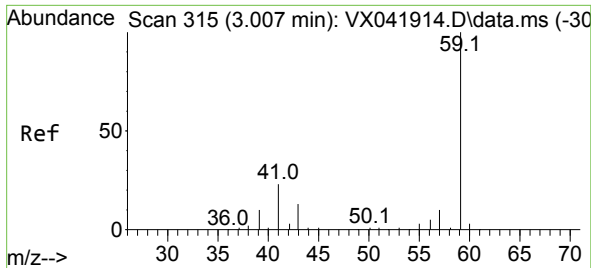
Tgt Ion:101 Resp: 4160
Ion Ratio Lower Upper
101 100
85 35.9 37.0 55.6#
151 88.0 58.6 87.8#



#10
Methyl Iodide
Concen: 2.161 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:142 Resp: 4079
Ion Ratio Lower Upper
142 100
127 40.3 41.6 62.4#
141 14.4 11.6 17.4

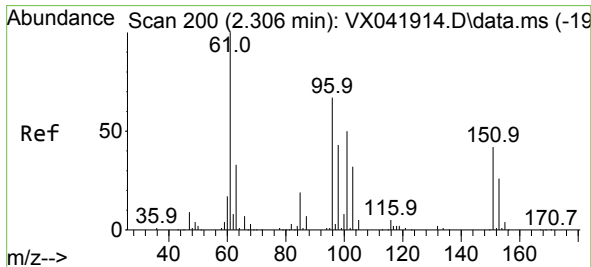
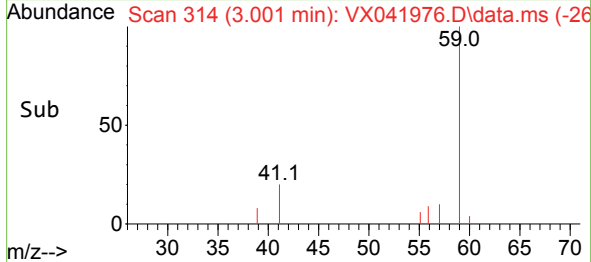
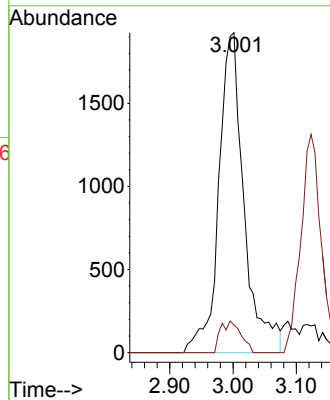
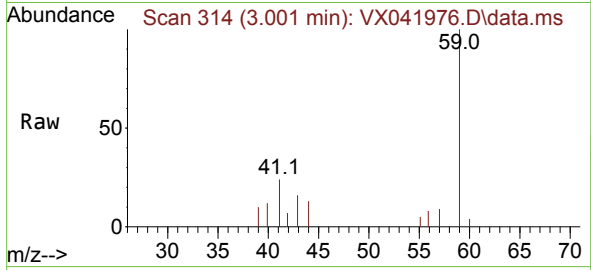




#11
Tert butyl alcohol
Concen: 13.884 ug/l
RT: 3.001 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

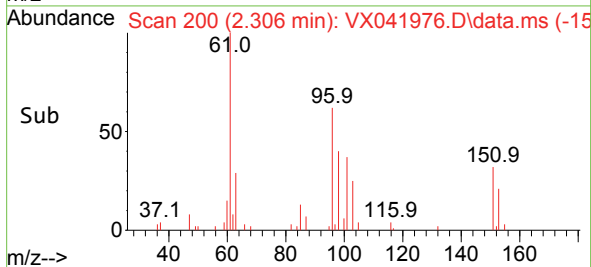
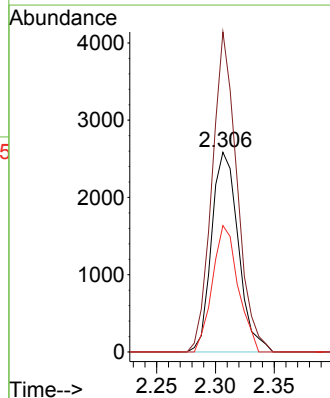
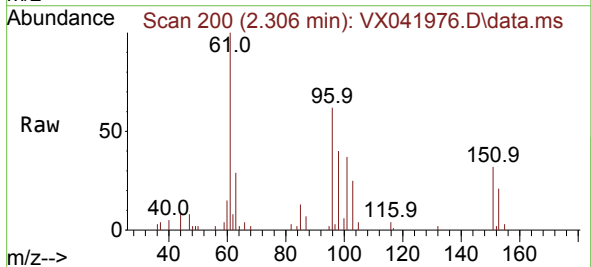
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

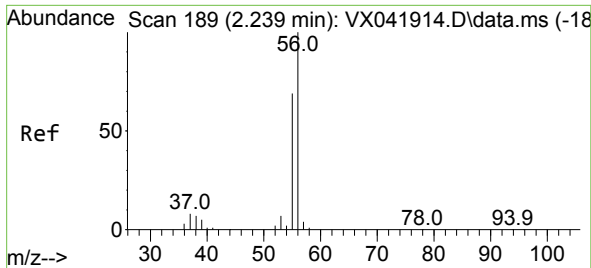
Tgt Ion: 59 Resp: 5337
Ion Ratio Lower Upper
59 100
57 7.9 6.0 9.0



#12
1,1-Dichloroethene
Concen: 2.699 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 96 Resp: 4089
Ion Ratio Lower Upper
96 100
61 160.2 144.6 216.8
98 63.3 50.4 75.6





#13

Acrolein

Concen: 10.288 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

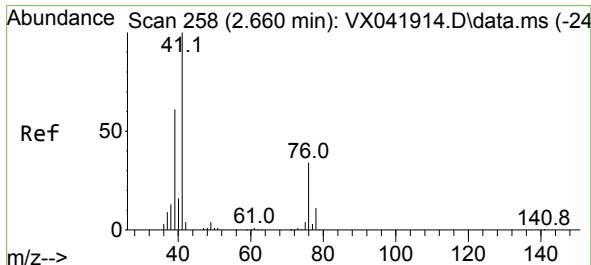
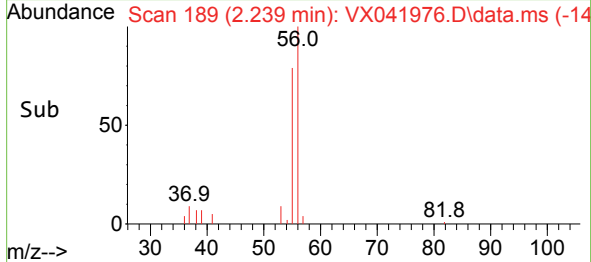
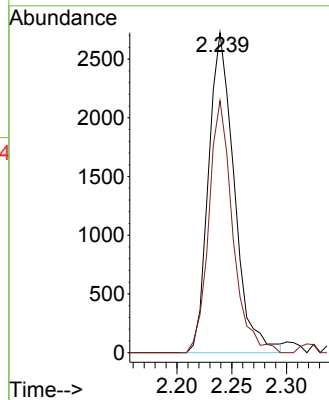
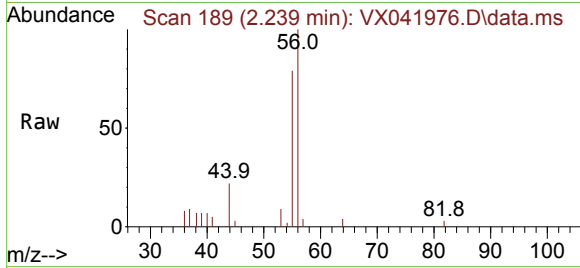
MDL-WATER-03-QT2-2024

Tgt Ion: 56 Resp: 4433

Ion Ratio Lower Upper

56 100

55 73.4 57.1 85.7



#14

Allyl chloride

Concen: 2.671 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

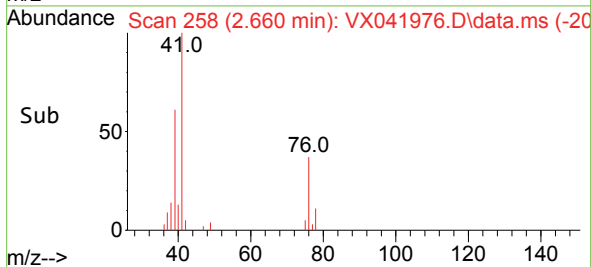
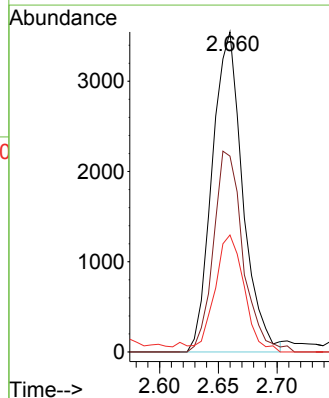
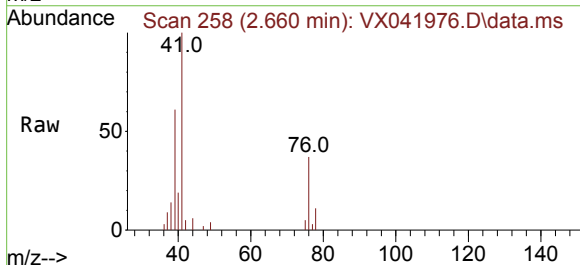
Tgt Ion: 41 Resp: 6417

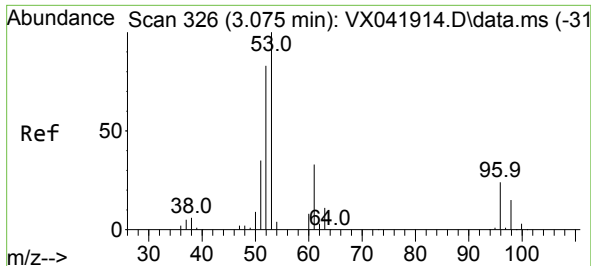
Ion Ratio Lower Upper

41 100

39 60.8 55.8 83.6

76 35.2 24.3 36.5

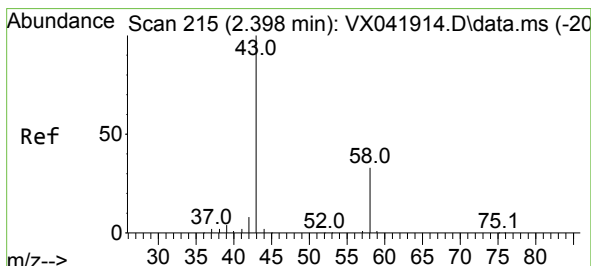
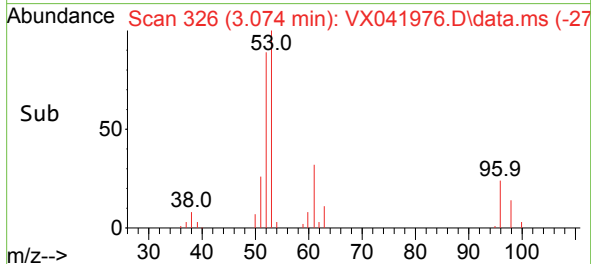
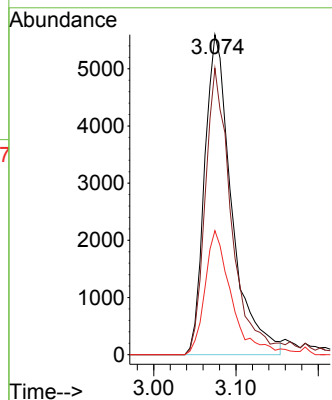
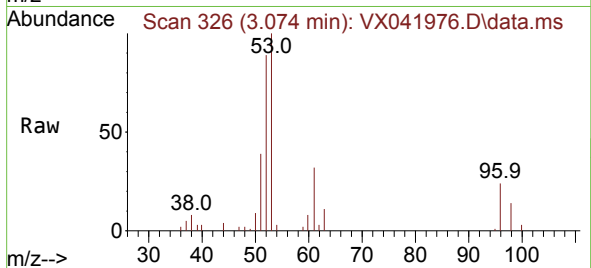




#15
Acrylonitrile
Concen: 12.823 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

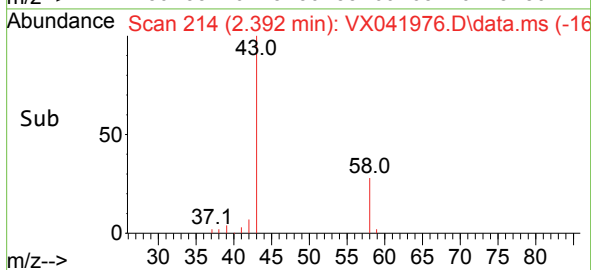
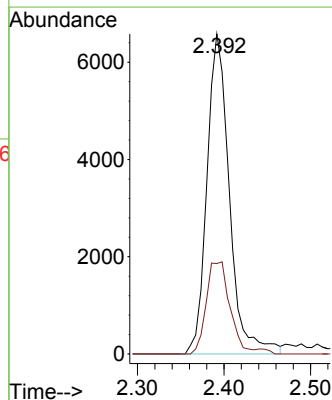
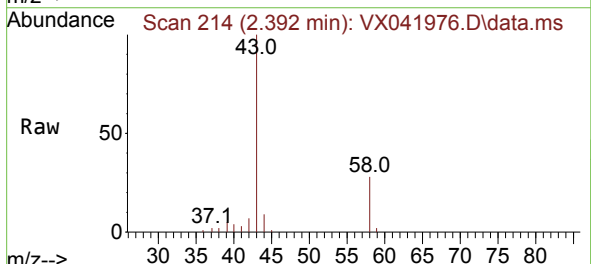
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

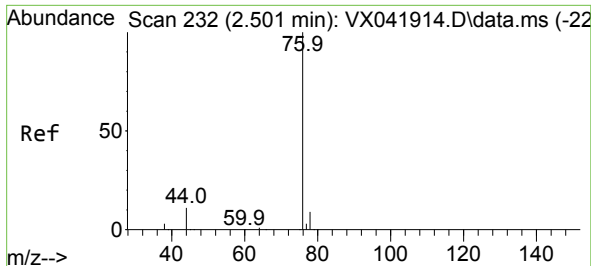
Tgt Ion:	53	Resp:	12875
Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.0	99.0
51	38.3	29.8	44.6



#16
Acetone
Concen: 13.343 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	43	Resp:	11867
Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.9	32.9





#17

Carbon Disulfide

Concen: 2.621 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

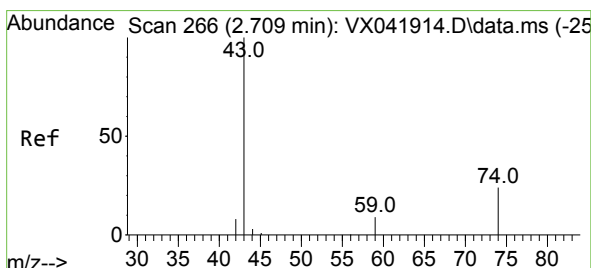
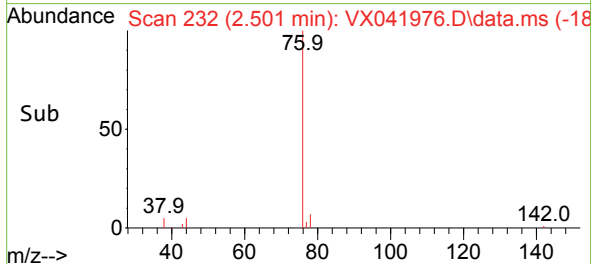
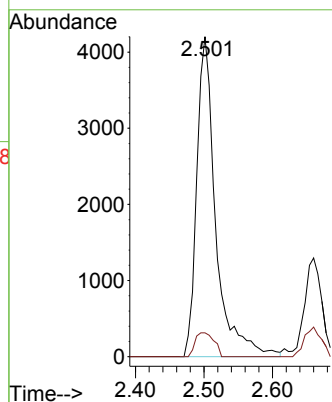
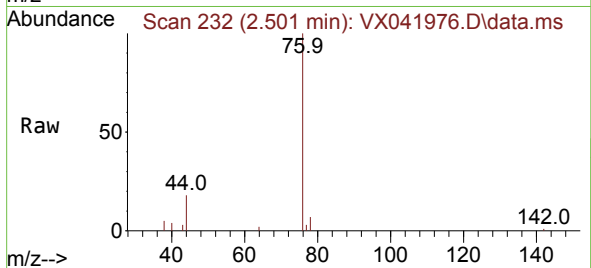
MDL-WATER-03-QT2-2024

Tgt Ion: 76 Resp: 8097

Ion Ratio Lower Upper

76 100

78 7.4 7.0 10.6



#18

Methyl Acetate

Concen: 2.647 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041976.D

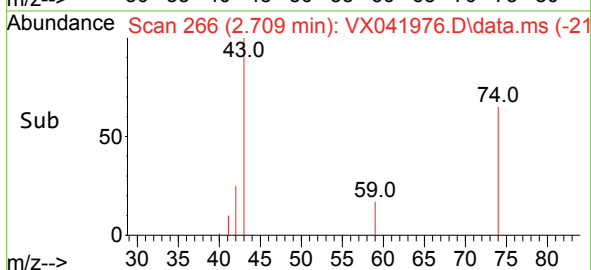
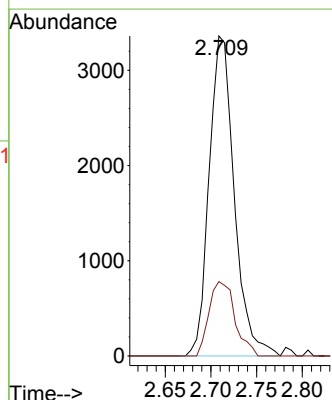
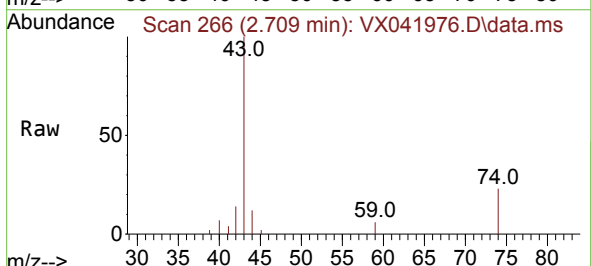
Acq: 21 Jun 2024 13:13

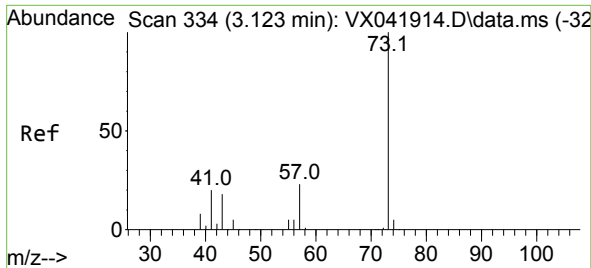
Tgt Ion: 43 Resp: 6421

Ion Ratio Lower Upper

43 100

74 24.0 17.8 26.8

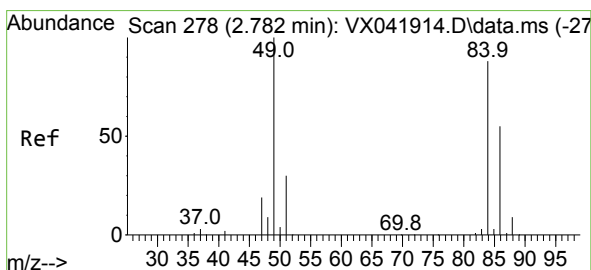
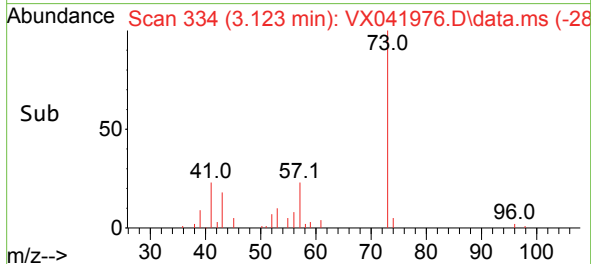
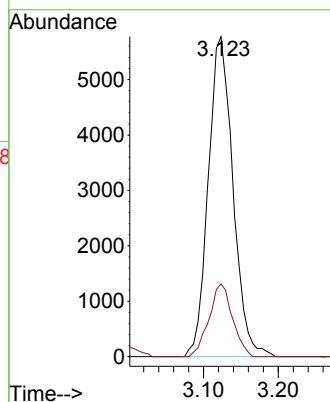
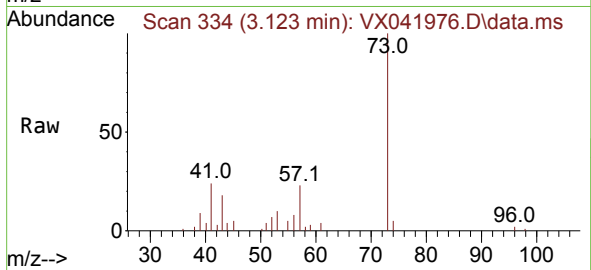




#19
Methyl tert-butyl Ether
Concen: 2.646 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

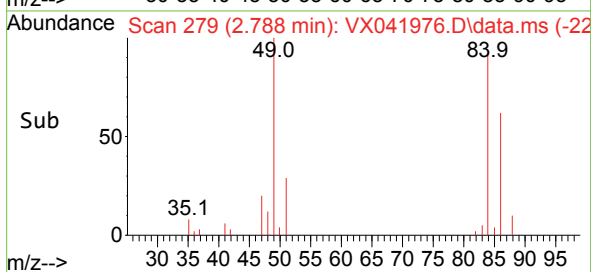
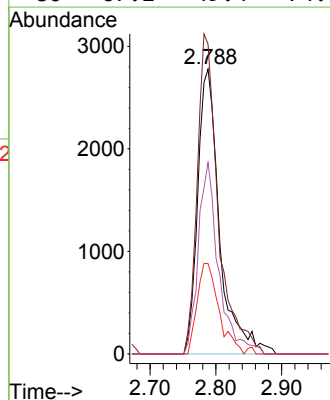
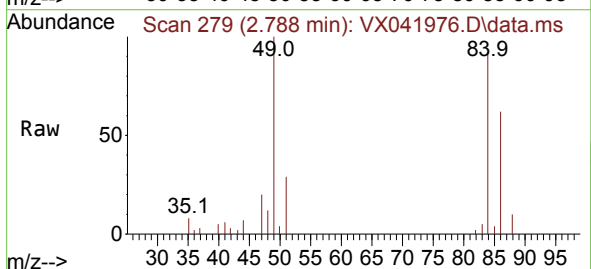
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

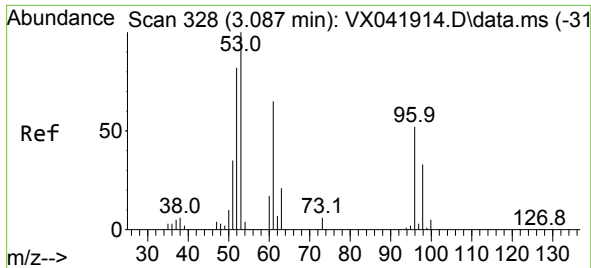
Tgt Ion: 73 Resp: 13244
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 3.296 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 84 Resp: 6419
Ion Ratio Lower Upper
84 100
49 108.8 103.6 155.4
51 31.8 33.8 50.6#
86 67.2 49.4 74.0

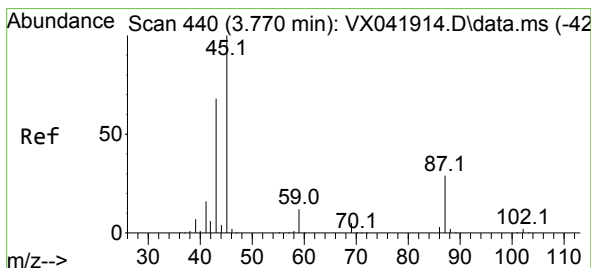
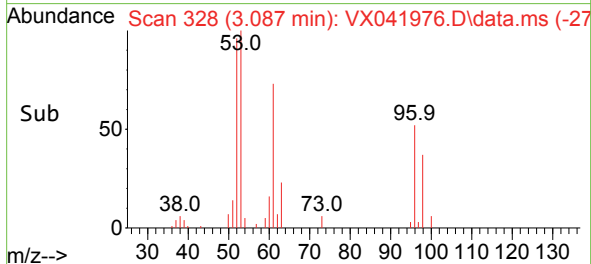
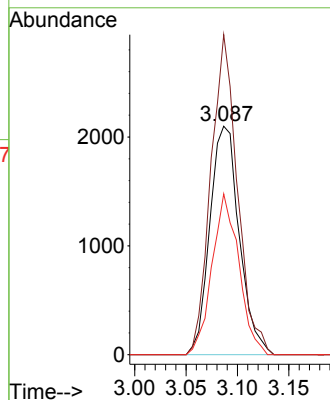
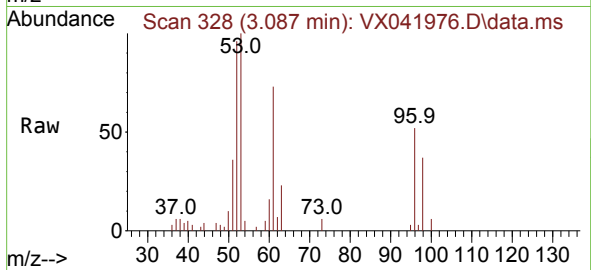




#21
trans-1,2-Dichloroethene
Concen: 2.715 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

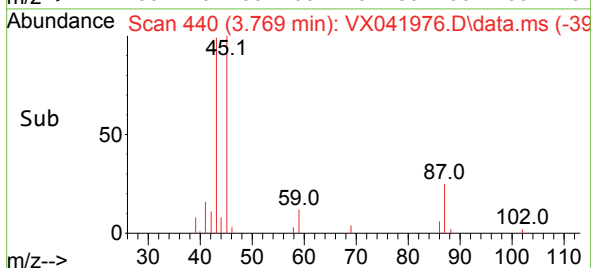
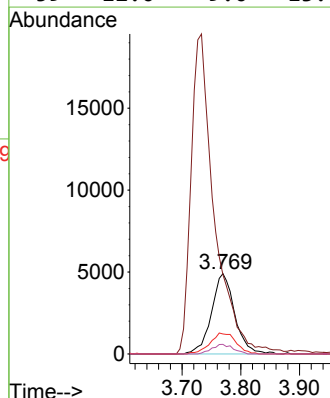
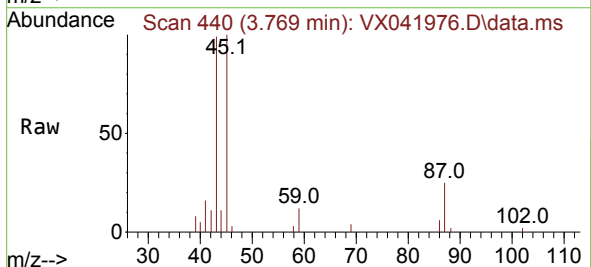
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

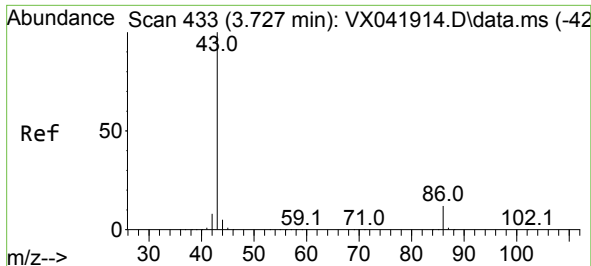
Tgt Ion: 96 Resp: 4174
Ion Ratio Lower Upper
96 100
61 140.1 119.2 178.8
98 70.4 48.7 73.1



#22
Diisopropyl ether
Concen: 2.651 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 45 Resp: 13463
Ion Ratio Lower Upper
45 100
43 93.8 69.7 104.5
87 24.9 20.8 31.2
59 12.0 9.0 13.4

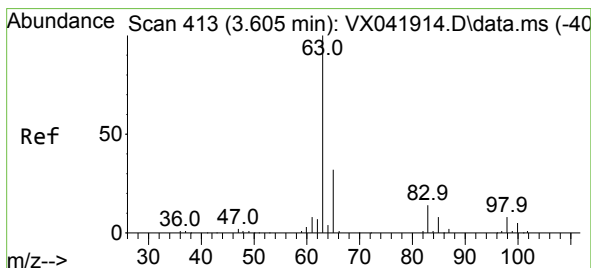
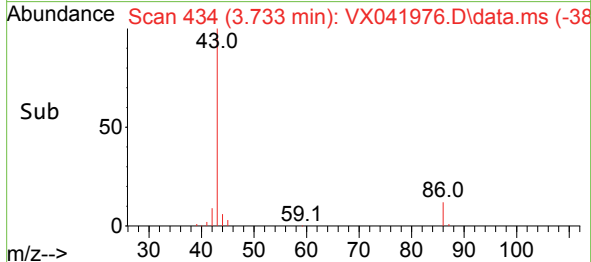
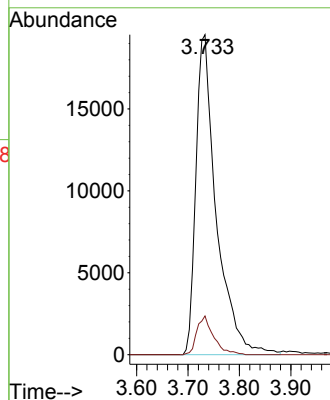
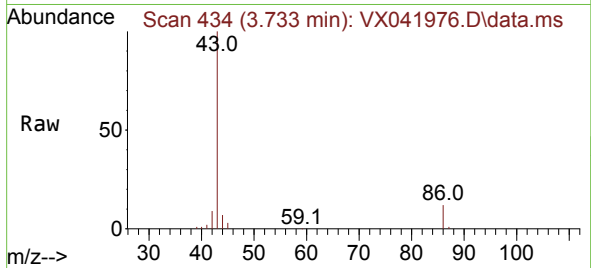




#23
Vinyl Acetate
Concen: 12.452 ug/l
RT: 3.733 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

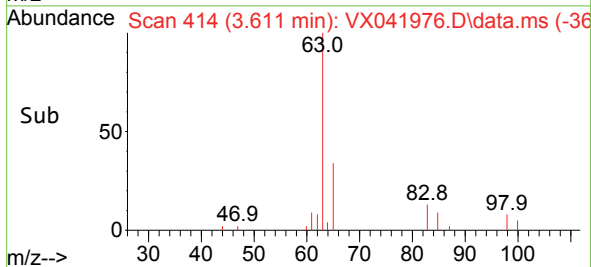
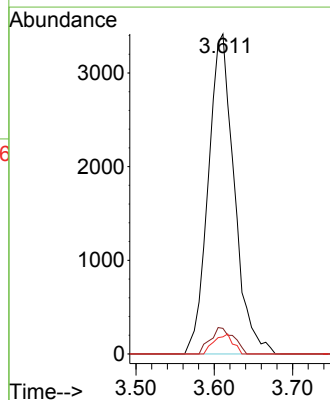
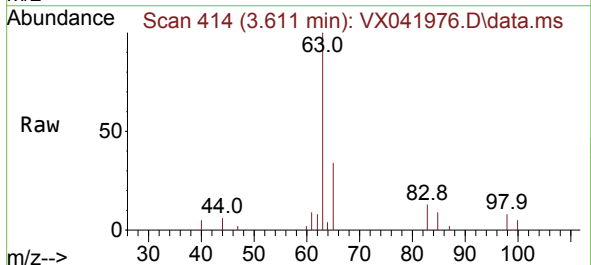
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

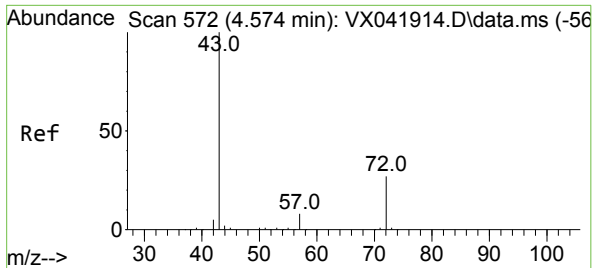
Tgt Ion: 43 Resp: 54005
Ion Ratio Lower Upper
43 100
86 12.1 7.8 11.8#



#24
1,1-Dichloroethane
Concen: 2.773 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 63 Resp: 7887
Ion Ratio Lower Upper
63 100
98 8.0 3.3 9.8
100 5.3 2.1 6.5

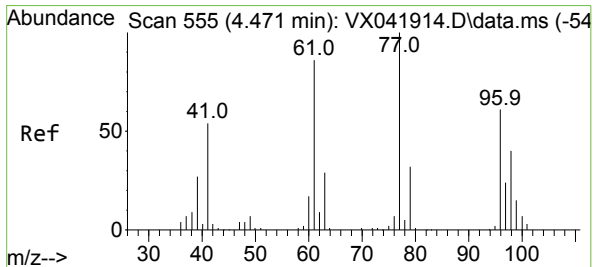
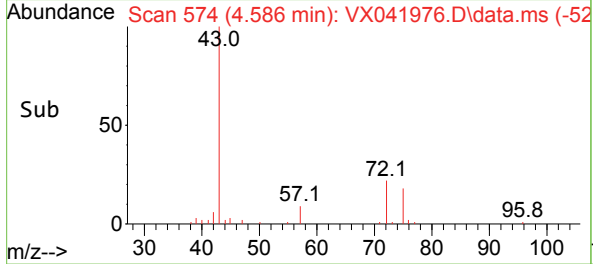
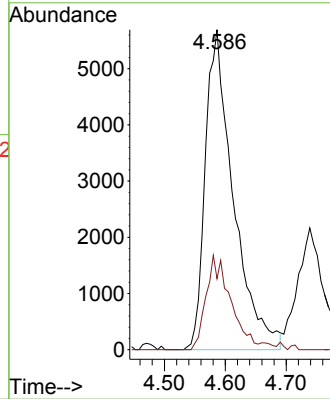
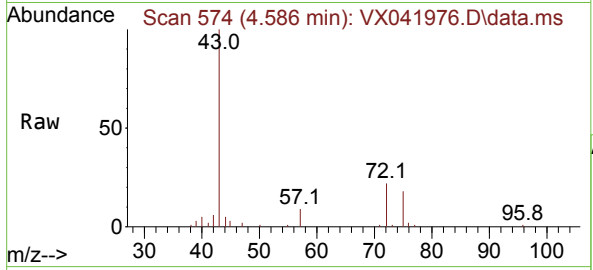




#25
2-Butanone
Concen: 13.168 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

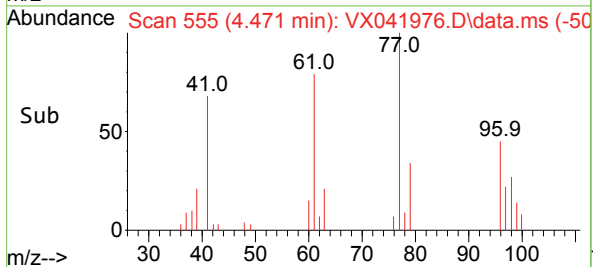
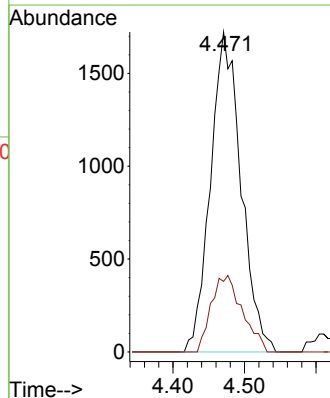
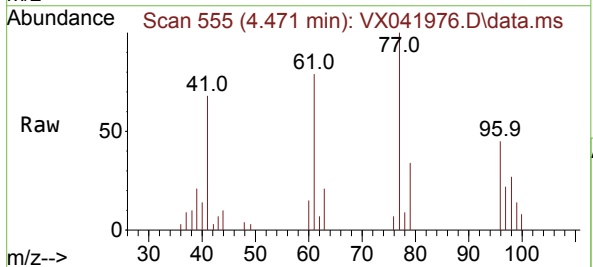
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

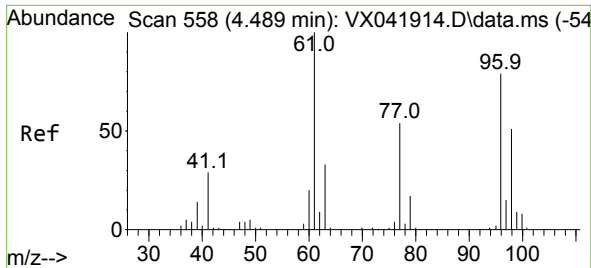
Tgt Ion: 43 Resp: 18219
Ion Ratio Lower Upper
43 100
72 22.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 2.479 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 77 Resp: 5106
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.3

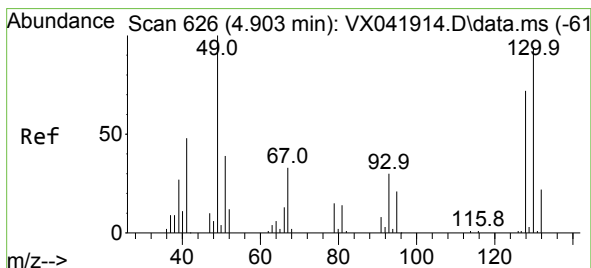
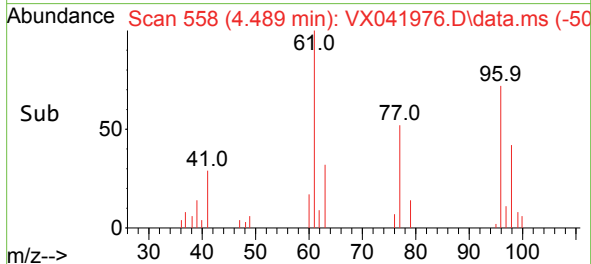
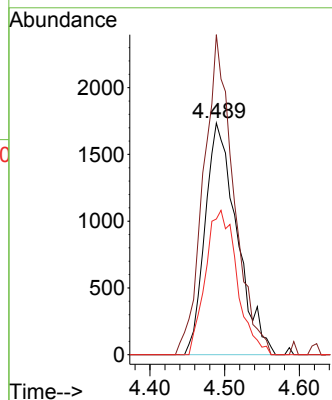
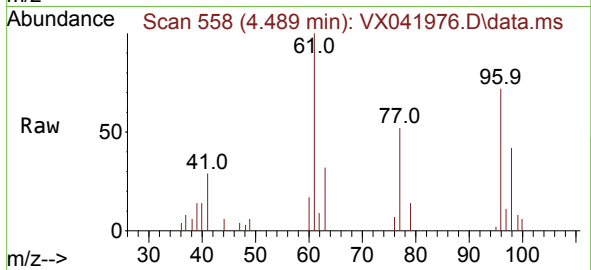




#27
 cis-1,2-Dichloroethene
 Concen: 2.656 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX041976.D
 Acq: 21 Jun 2024 13:13

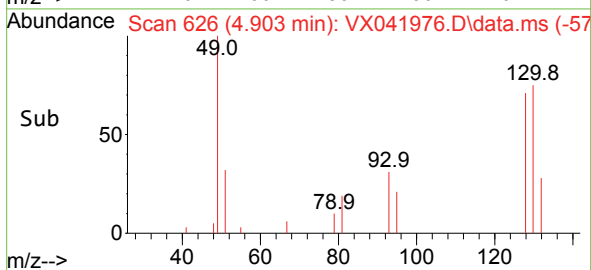
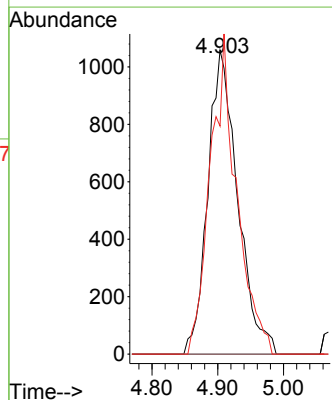
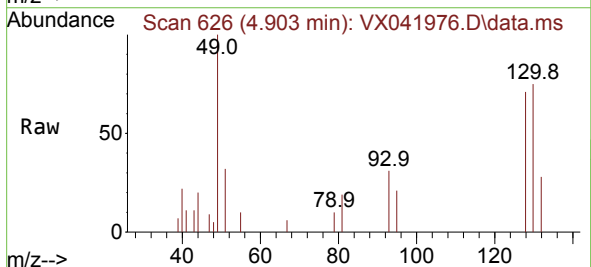
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

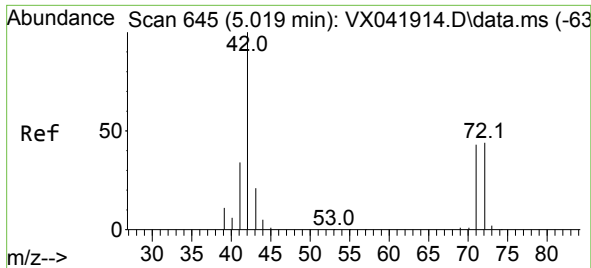
Tgt Ion:	96	Resp:	5115
Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	312.2
98	62.0	0.0	129.0



#28
 Bromochloromethane
 Concen: 2.744 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX041976.D
 Acq: 21 Jun 2024 13:13

Tgt Ion:	49	Resp:	3343
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	93.7	57.5	86.3

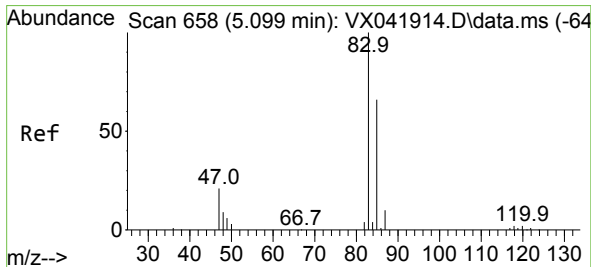
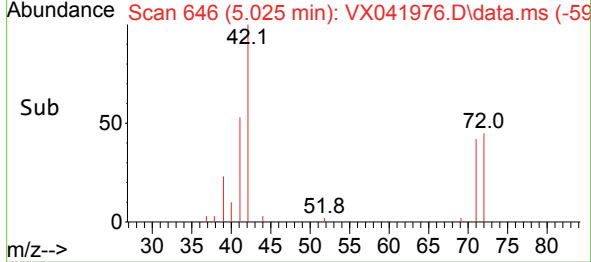
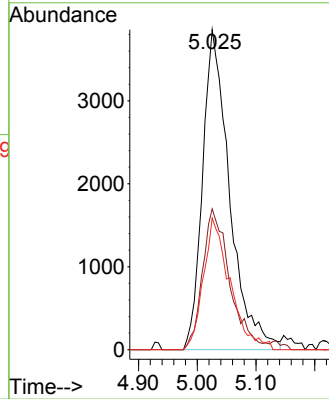
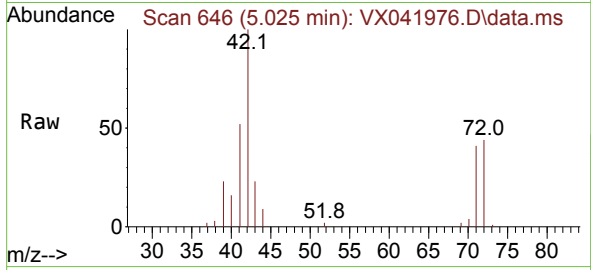




#29
Tetrahydrofuran
Concen: 13.814 ug/l
RT: 5.025 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

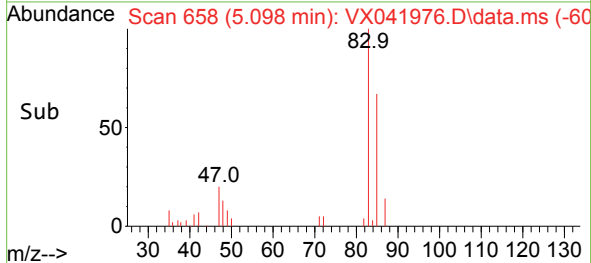
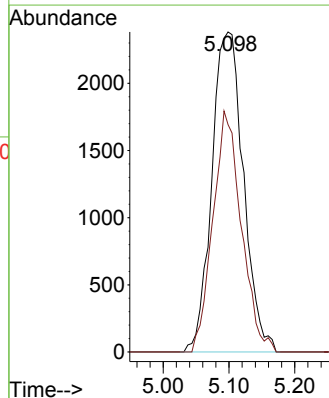
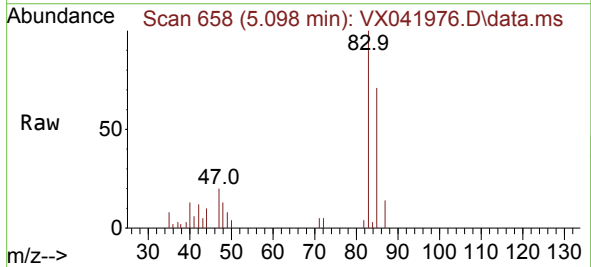
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

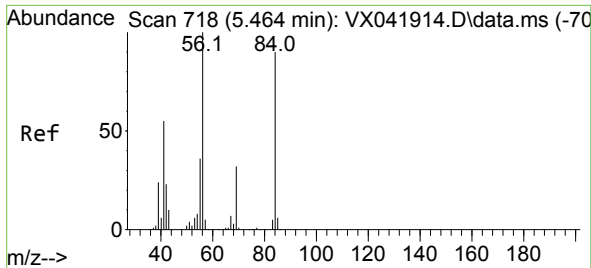
Tgt Ion:	42	Resp:	12344
Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.2	51.4
71	40.6	32.2	48.2



#30
Chloroform
Concen: 2.685 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	83	Resp:	7956
Ion	Ratio	Lower	Upper
83	100		
85	71.0	50.3	75.5

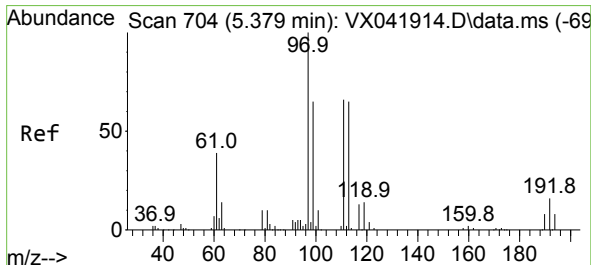
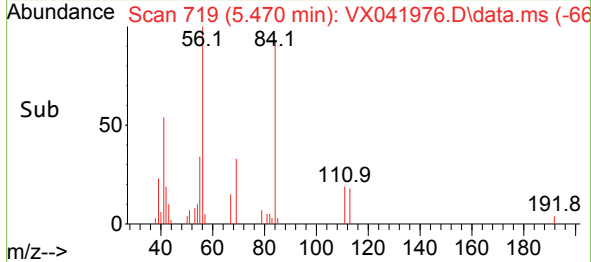
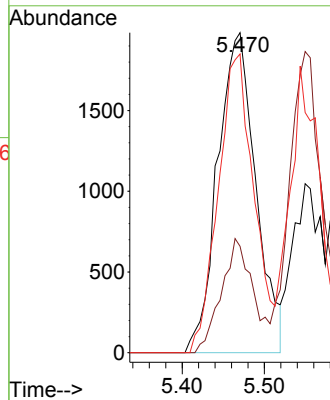
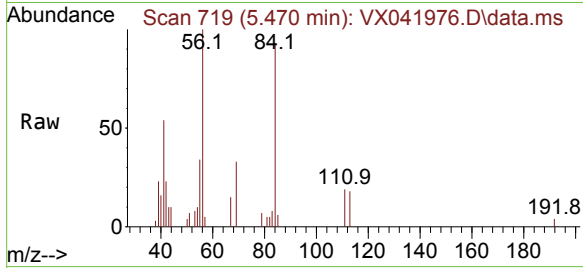




#31
Cyclohexane
Concen: 2.694 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

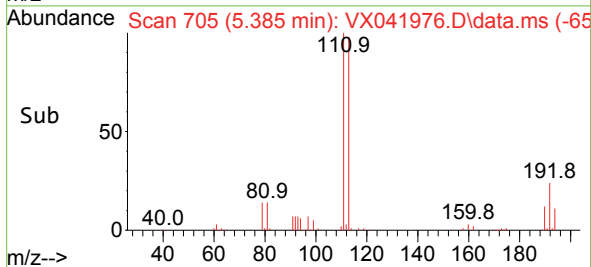
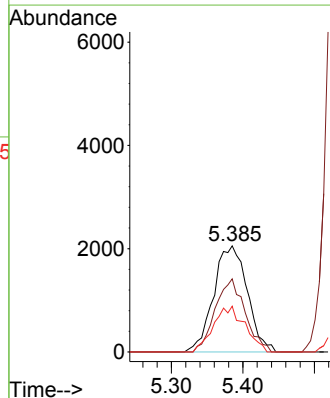
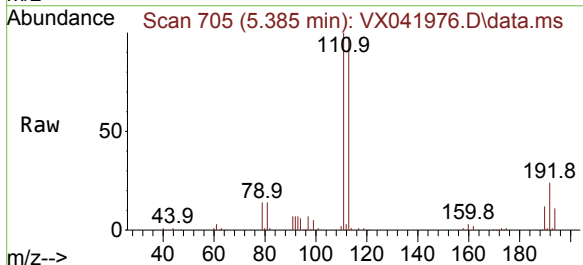
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

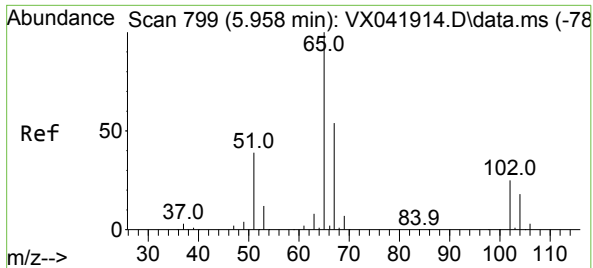
Tgt Ion:	56	Resp:	6382
Ion	Ratio	Lower	Upper
56	100		
69	33.2	23.4	35.2
84	93.3	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 2.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	97	Resp:	6717
Ion	Ratio	Lower	Upper
97	100		
99	61.1	51.1	76.7
61	40.3	36.4	54.6

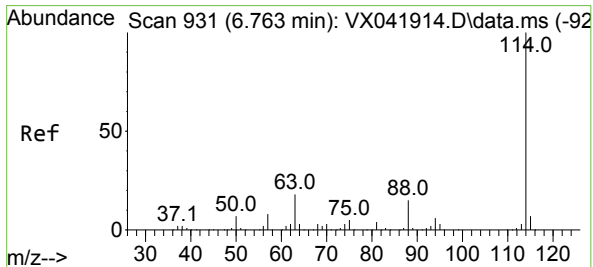
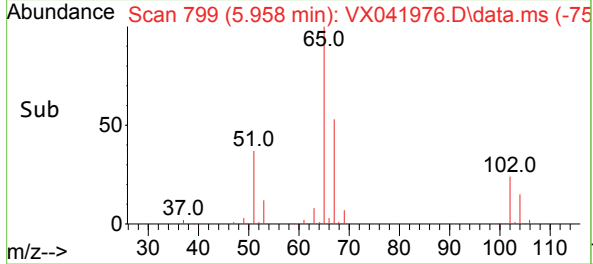
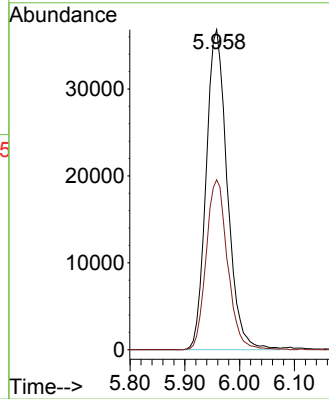
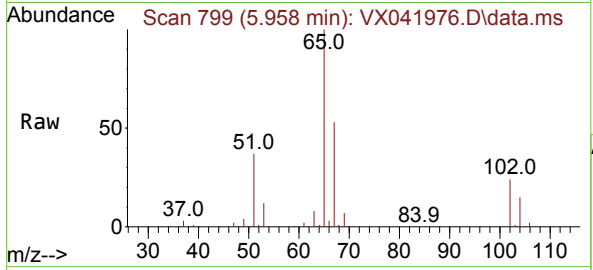




#33
1,2-Dichloroethane-d4
Concen: 48.552 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

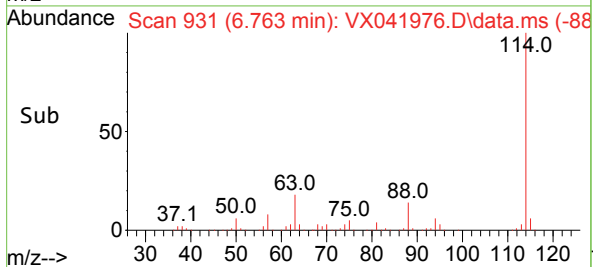
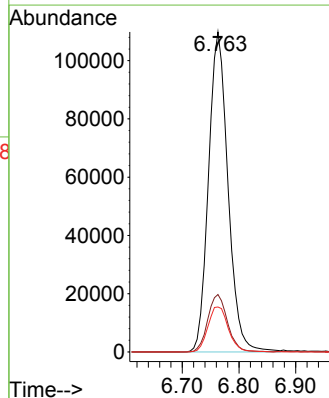
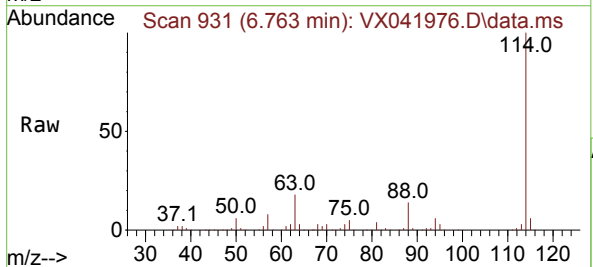
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

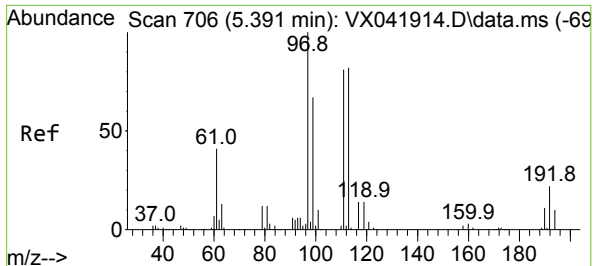
Tgt Ion: 65 Resp: 98338
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 114 Resp: 262096
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.1 0.0 36.6

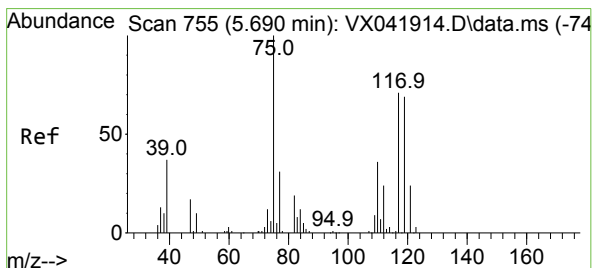
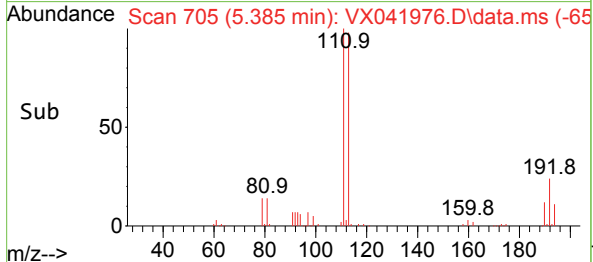
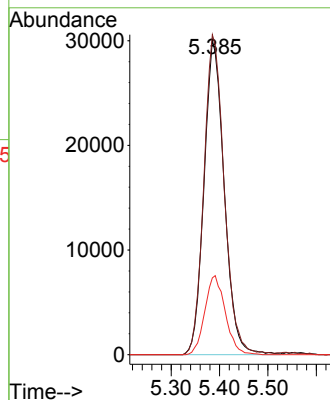
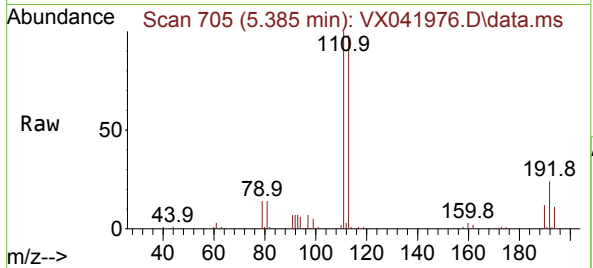




#35
Dibromofluoromethane
Concen: 46.960 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

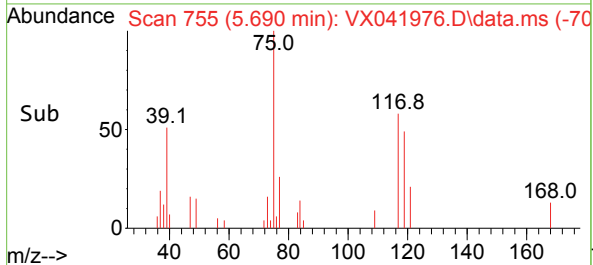
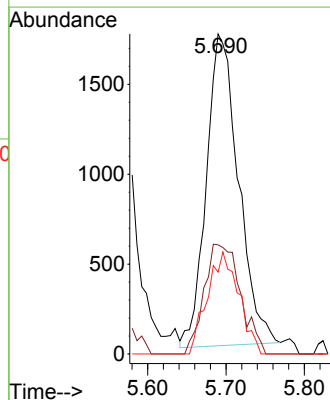
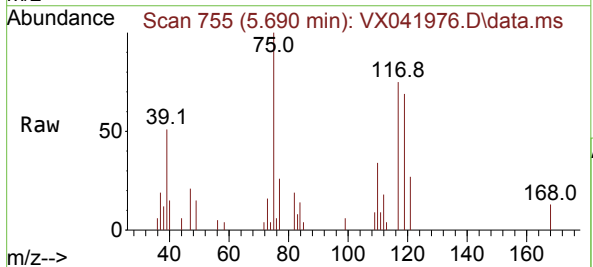
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

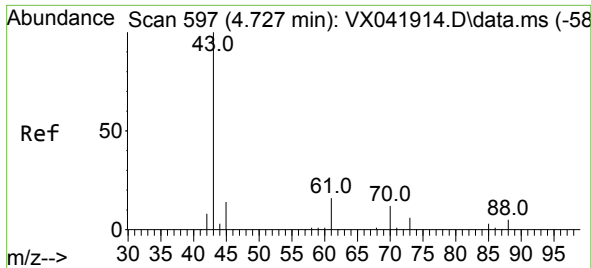
Tgt Ion:113 Resp: 87332
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 2.498 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 75 Resp: 4933
Ion Ratio Lower Upper
75 100
110 39.8 17.0 50.9
77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 2.311 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.012 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

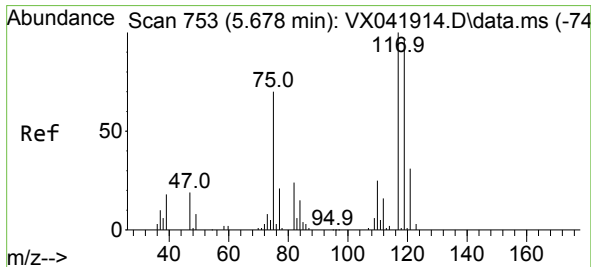
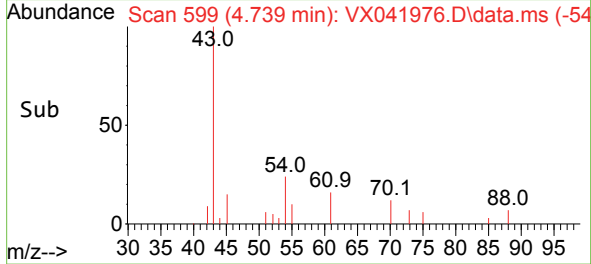
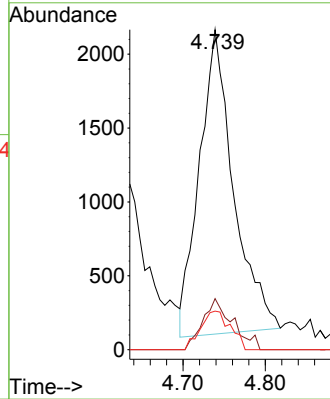
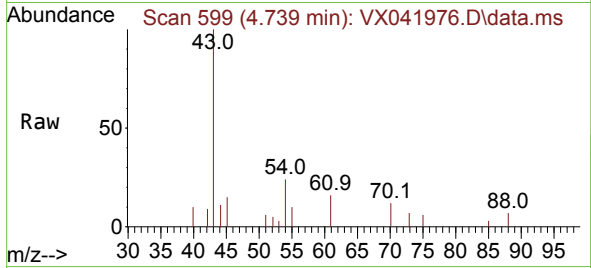
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 43	Resp: 5945
Ion Ratio	Lower Upper
43 100	
61 14.8	10.6 16.0
70 11.0	8.3 12.5



#38

Carbon Tetrachloride

Concen: 2.489 ug/l

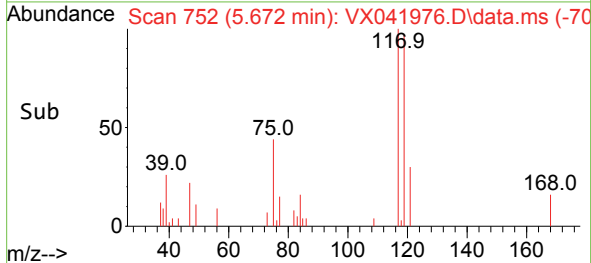
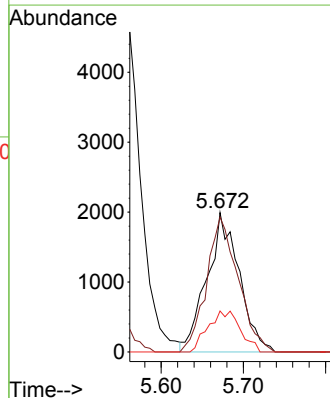
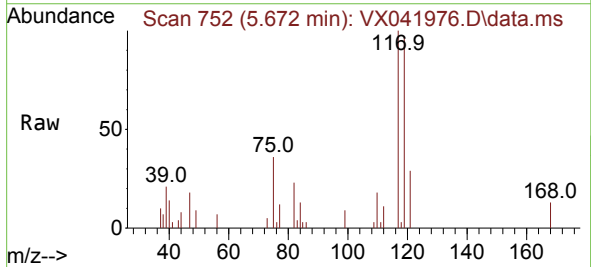
RT: 5.672 min Scan# 752

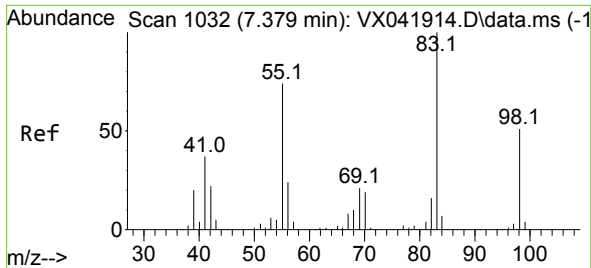
Delta R.T. -0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Tgt Ion: 117	Resp: 5430
Ion Ratio	Lower Upper
117 100	
119 96.6	78.2 117.2
121 29.4	24.4 36.6

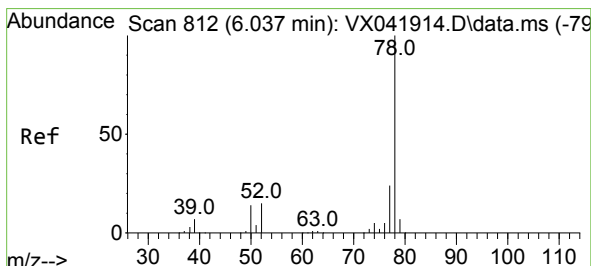
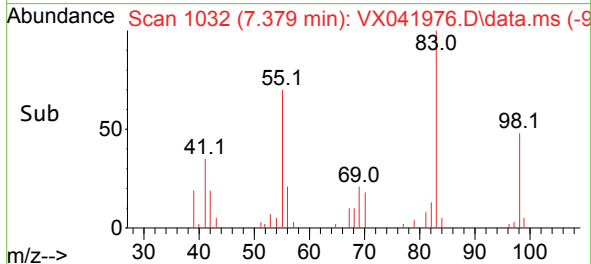
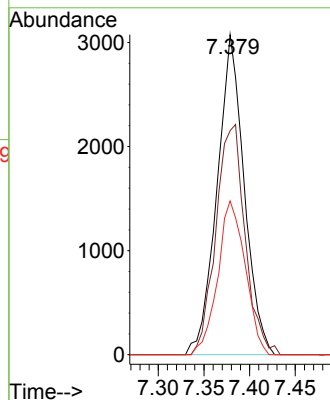
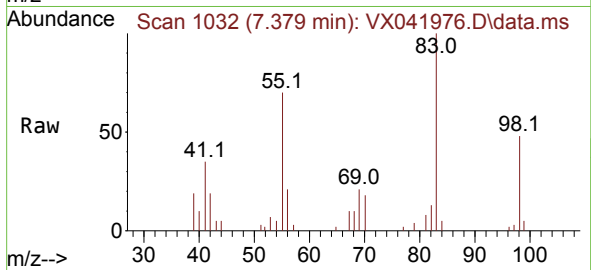




#39
Methylcyclohexane
Concen: 2.540 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

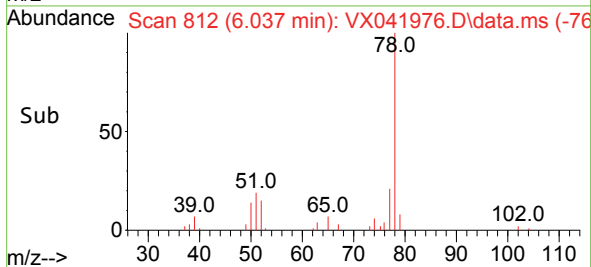
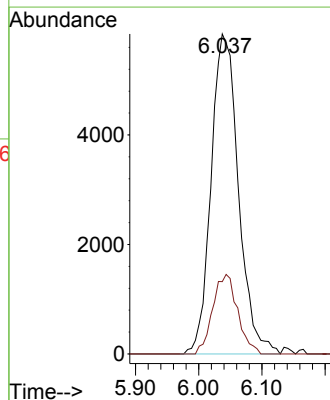
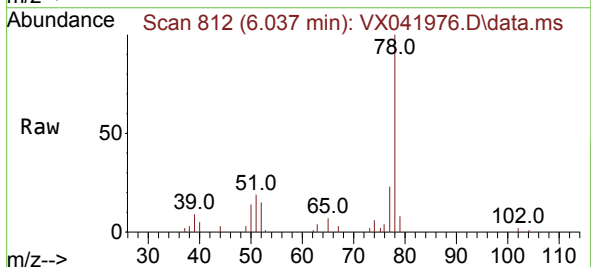
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:	83	Resp:	6344
Ion	Ratio	Lower	Upper
83	100		
55	70.0	64.6	97.0
98	48.0	36.7	55.1



#40
Benzene
Concen: 2.633 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	78	Resp:	17539
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.3	28.9

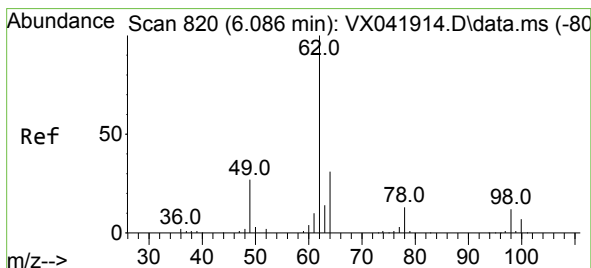
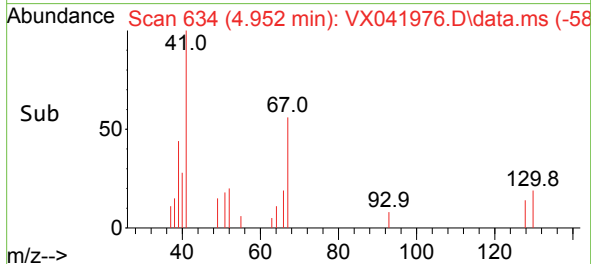
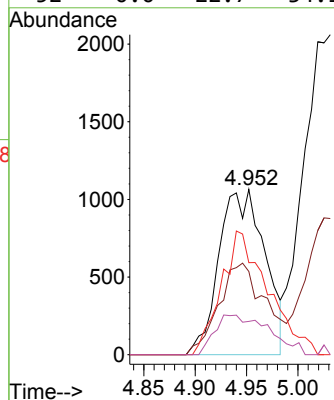
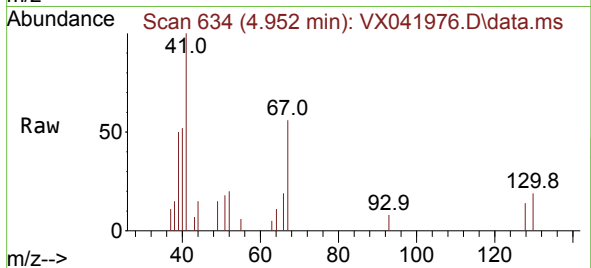




#41
Methacrylonitrile
Concen: 2.369 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

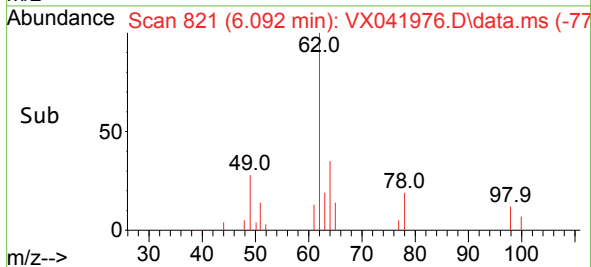
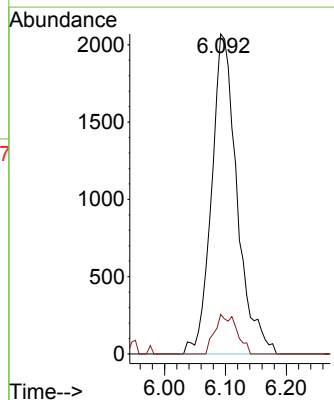
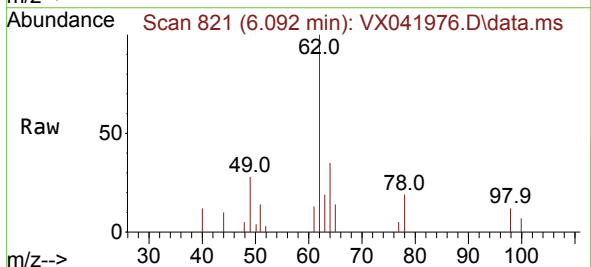
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

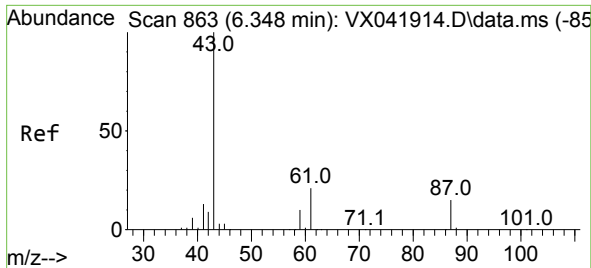
Tgt Ion:	41	Resp:	3304
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.2	67.8
67	76.2	52.6	78.8
52	0.0	22.7	34.1



#42
1,2-Dichloroethane
Concen: 2.801 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	62	Resp:	6010
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 2.560 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

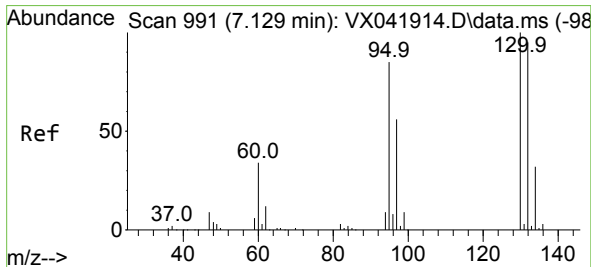
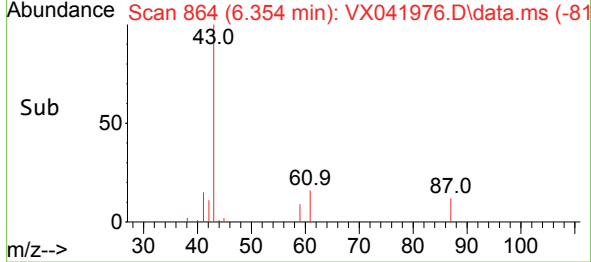
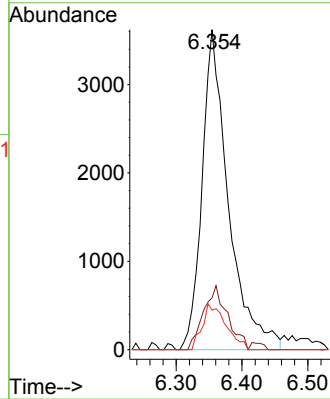
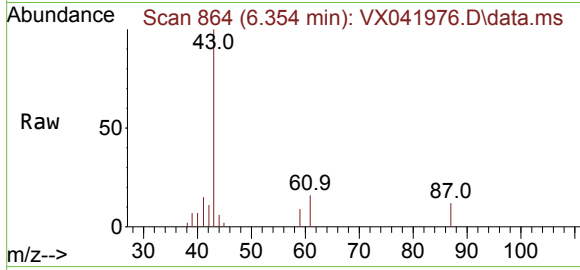
Tgt Ion: 43 Resp: 10107

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

87 12.8 9.8 14.6



#44

Trichloroethene

Concen: 2.774 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX041976.D

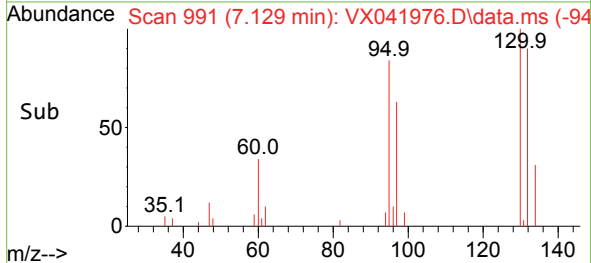
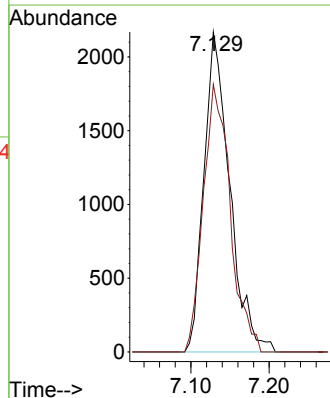
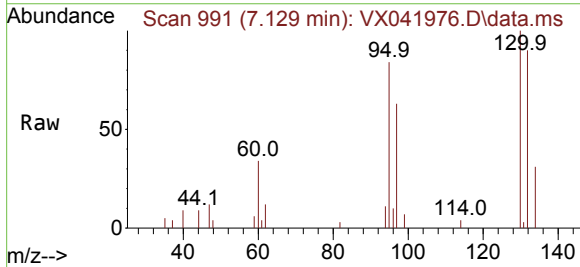
Acq: 21 Jun 2024 13:13

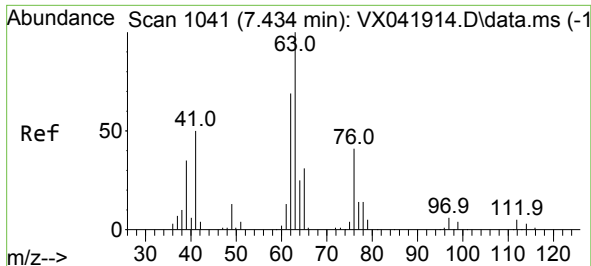
Tgt Ion:130 Resp: 4953

Ion Ratio Lower Upper

130 100

95 83.6 0.0 204.4

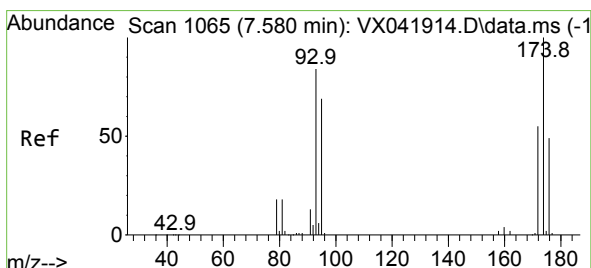
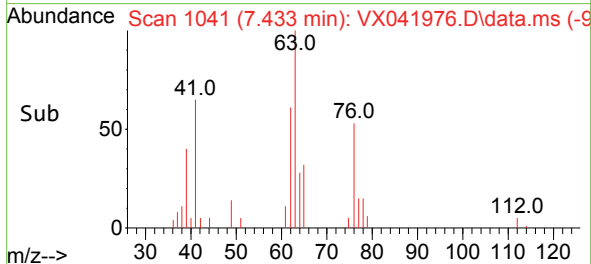
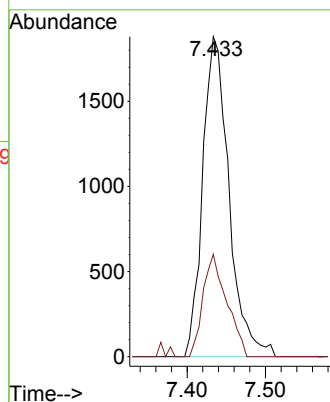
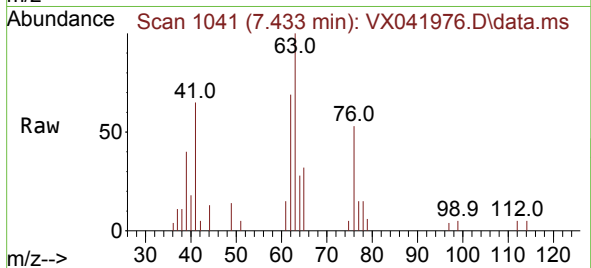




#45
1,2-Dichloropropane
Concen: 2.674 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

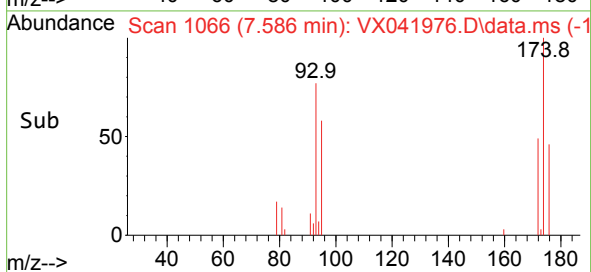
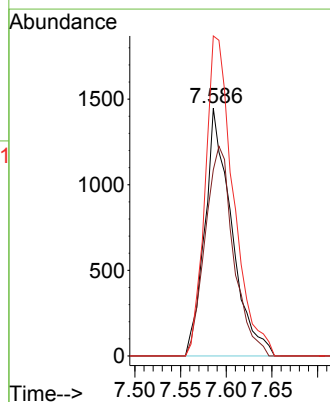
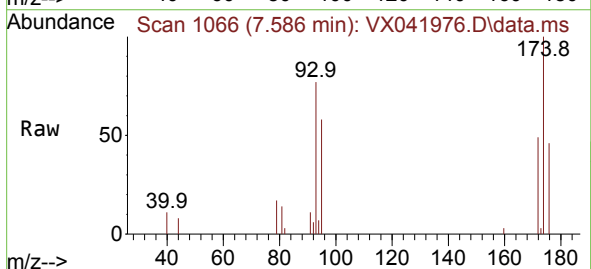
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 63 Resp: 4380
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5



#46
Dibromomethane
Concen: 2.480 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 93 Resp: 2959
Ion Ratio Lower Upper
93 100
95 89.6 66.6 100.0
174 135.6 69.4 104.0#

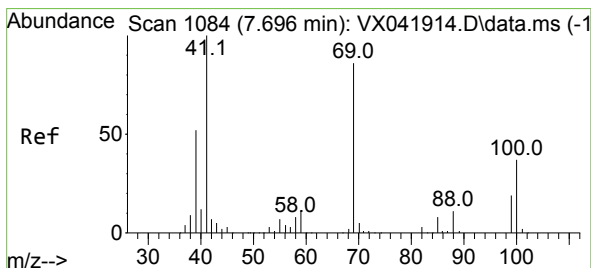
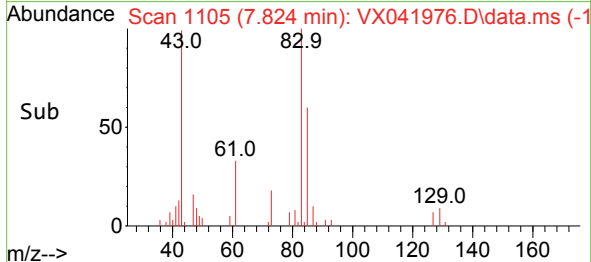
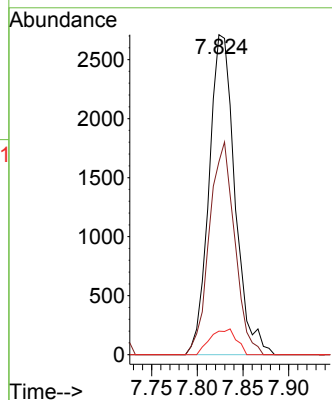
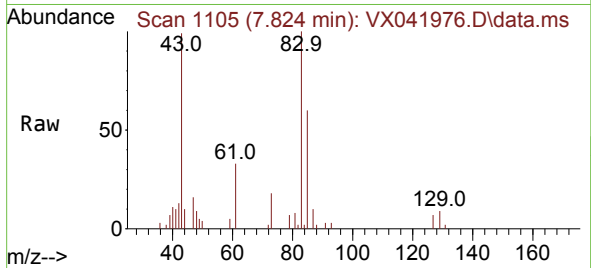




#47
Bromodichloromethane
Concen: 2.440 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

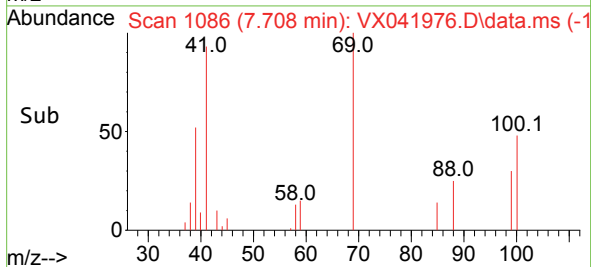
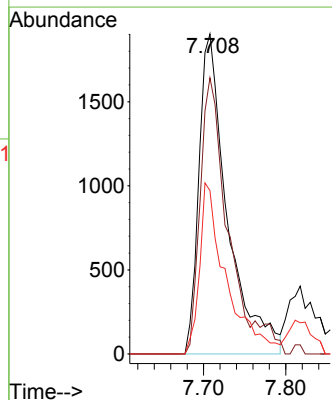
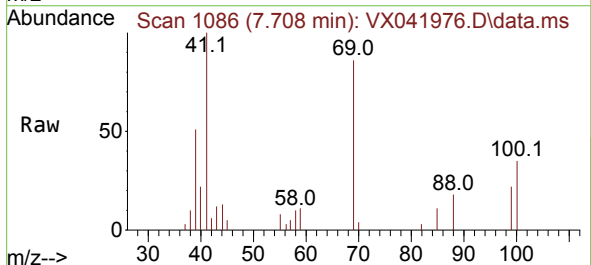
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

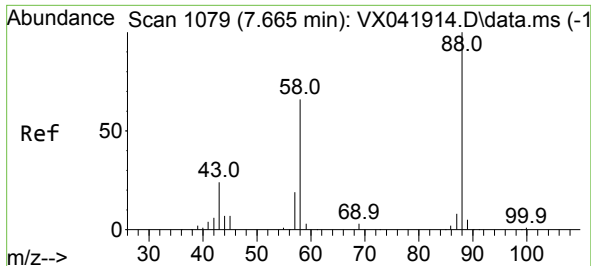
Tgt Ion:	83	Resp:	5345
Ion	Ratio	Lower	Upper
83	100		
85	60.3	49.8	74.6
127	7.4	7.1	10.7



#48
Methyl methacrylate
Concen: 2.437 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	41	Resp:	4593
Ion	Ratio	Lower	Upper
41	100		
69	85.5	59.2	88.8
39	49.9	47.7	71.5

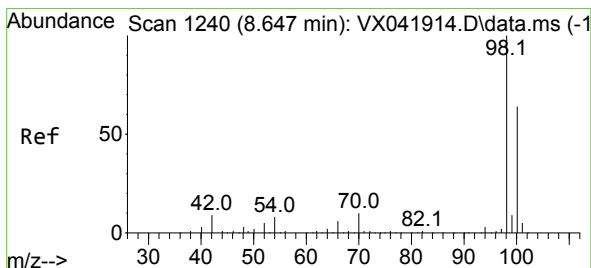
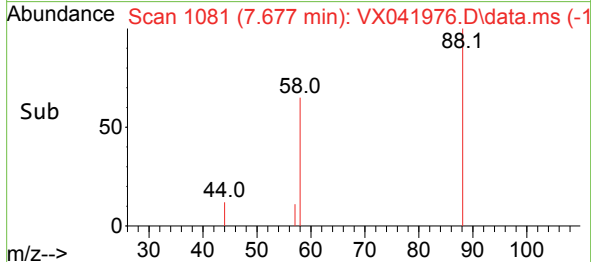
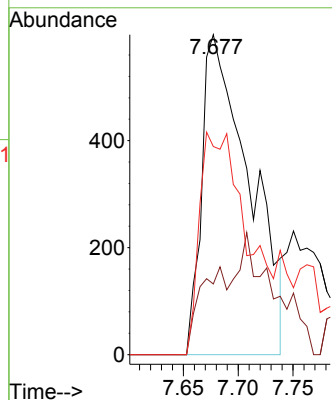
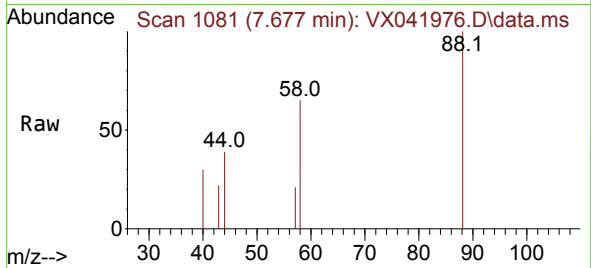




#49
1,4-Dioxane
Concen: 39.703 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

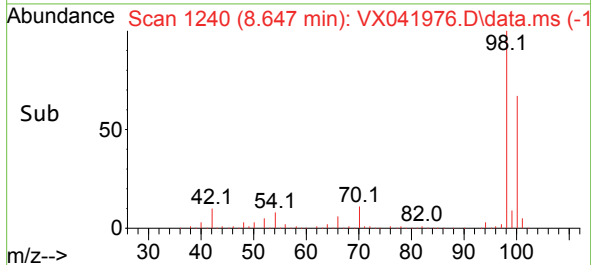
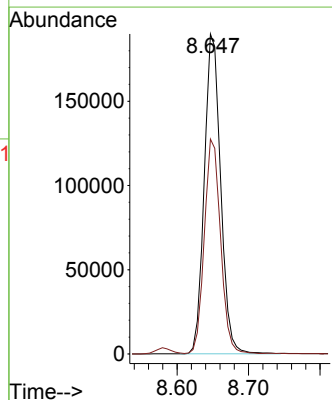
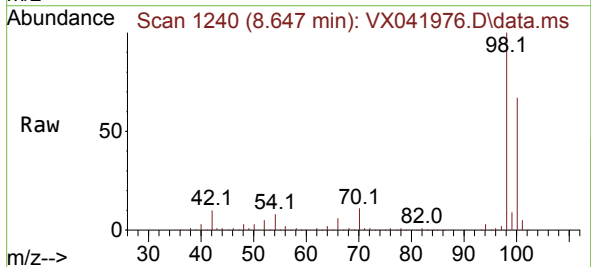
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 88 Resp: 1809
Ion Ratio Lower Upper
88 100
43 15.4 0.0 0.0#
58 70.3 60.1 90.1



#50
Toluene-d8
Concen: 46.270 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 98 Resp: 302292
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

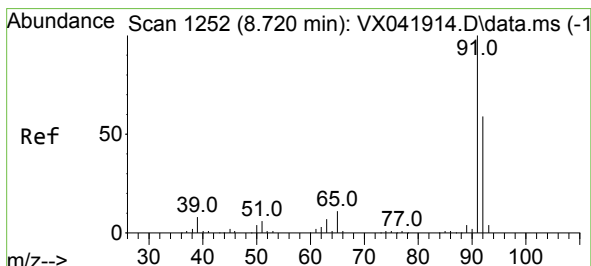
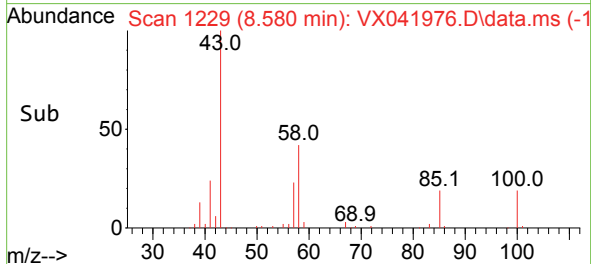
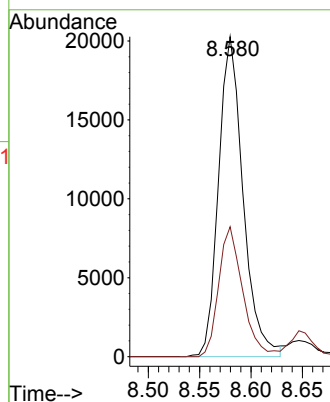
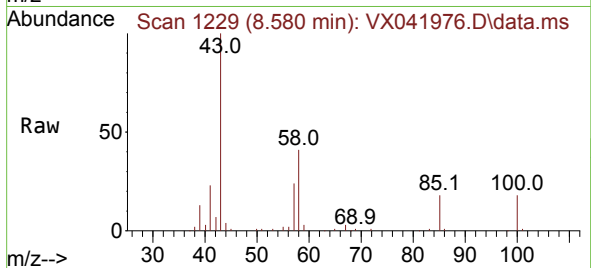




#51
4-Methyl-2-Pentanone
Concen: 12.354 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

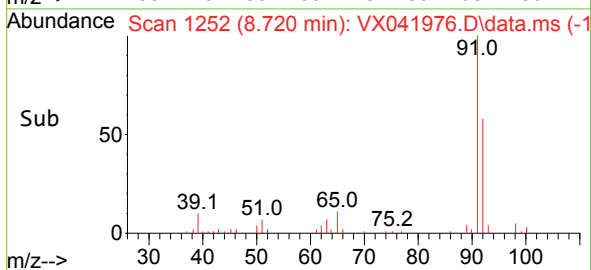
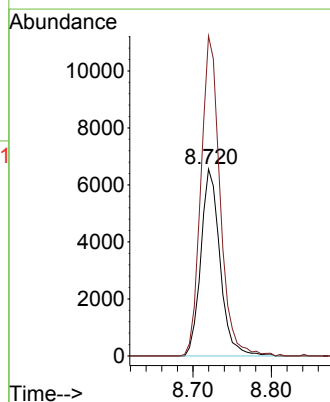
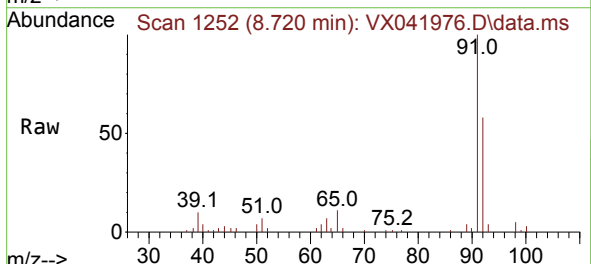
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

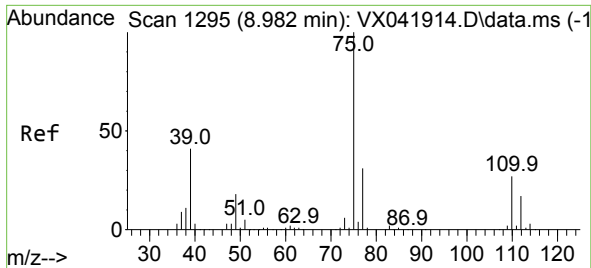
Tgt Ion: 43 Resp: 33603
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 2.631 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 92 Resp: 11160
Ion Ratio Lower Upper
92 100
91 170.7 134.2 201.2

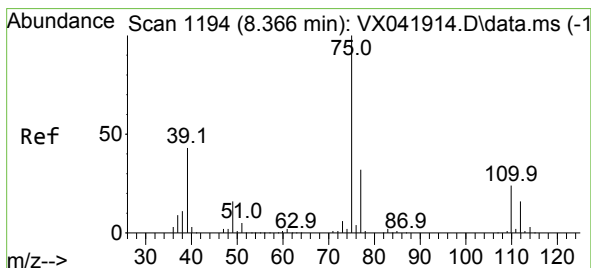
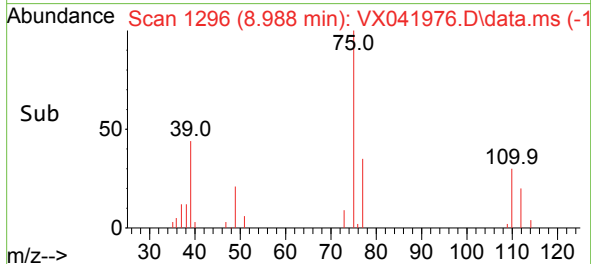
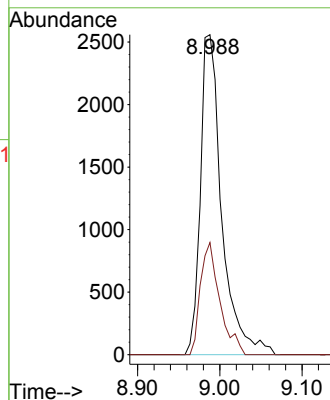
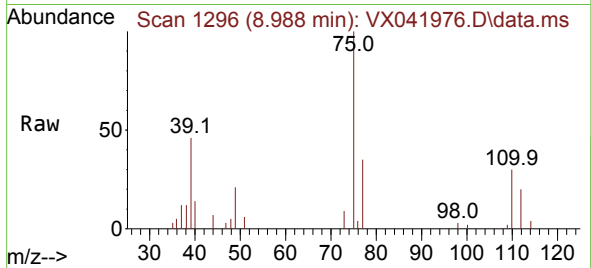




#53
 t-1,3-Dichloropropene
 Concen: 2.151 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX041976.D
 Acq: 21 Jun 2024 13:13

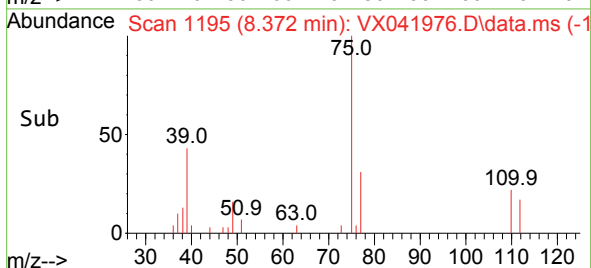
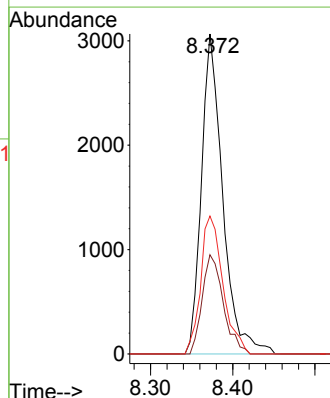
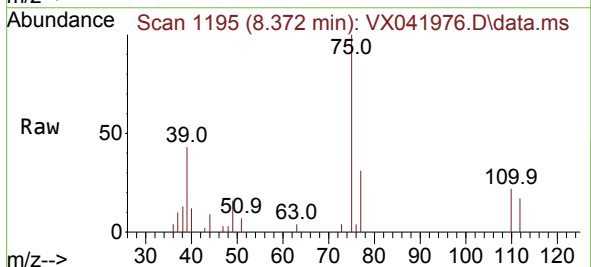
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2024

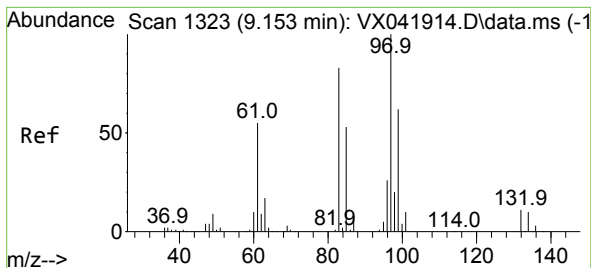
Tgt Ion: 75 Resp: 4612
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.300 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX041976.D
 Acq: 21 Jun 2024 13:13

Tgt Ion: 75 Resp: 5516
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 43.1 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 2.614 ug/l

RT: 9.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 97 Resp: 4618

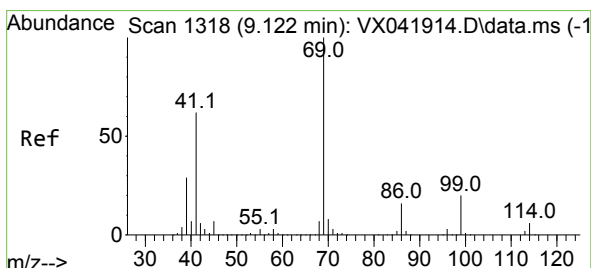
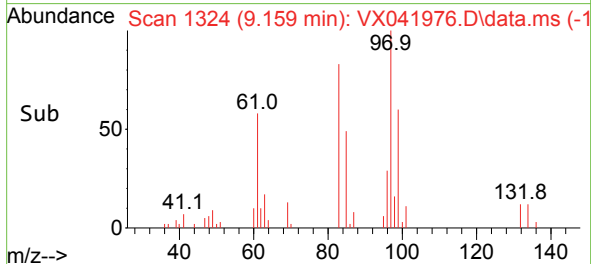
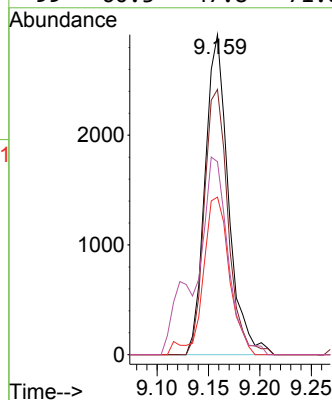
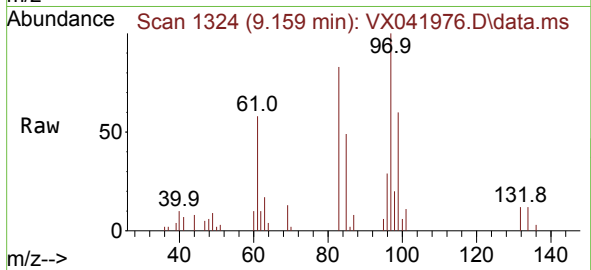
Ion Ratio Lower Upper

97 100

83 82.9 65.8 98.8

85 49.3 41.6 62.4

99 60.3 47.8 71.8



#56

Ethyl methacrylate

Concen: 2.287 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

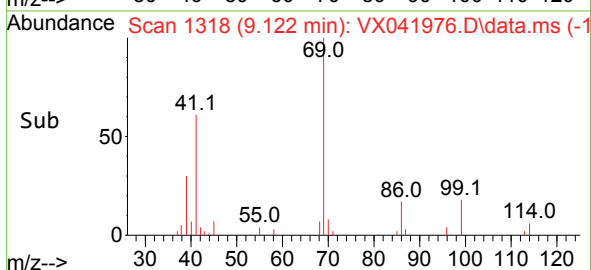
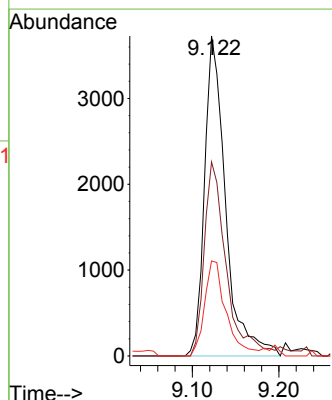
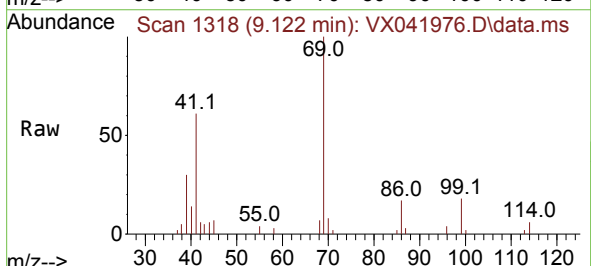
Tgt Ion: 69 Resp: 6287

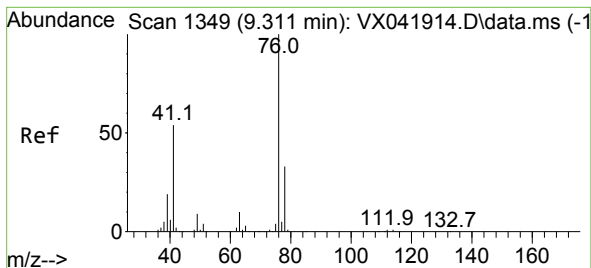
Ion Ratio Lower Upper

69 100

41 63.2 56.8 85.2

39 30.4 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 2.672 ug/l

RT: 9.311 min Scan# 111

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

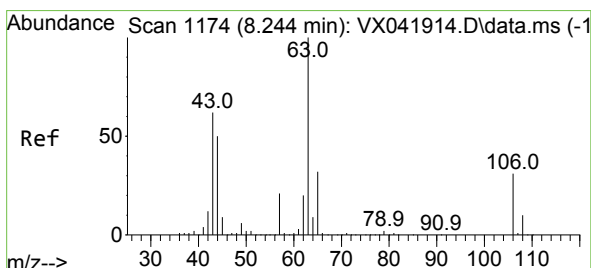
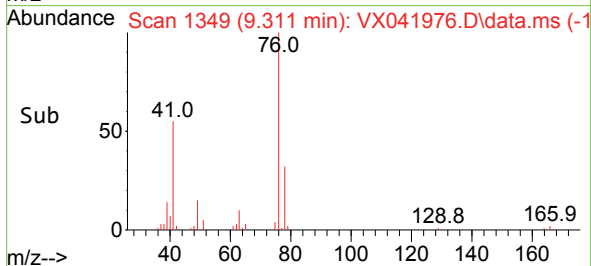
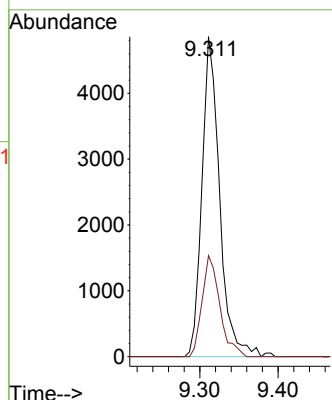
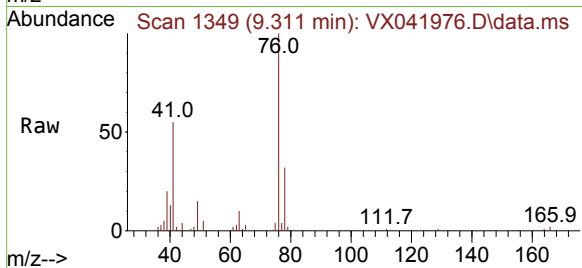
MDL-WATER-03-QT2-2024

Tgt Ion: 76 Resp: 7628

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 12.129 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX041976.D

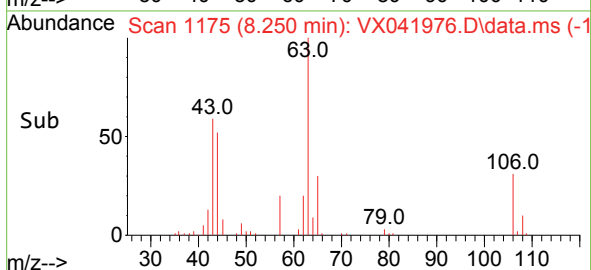
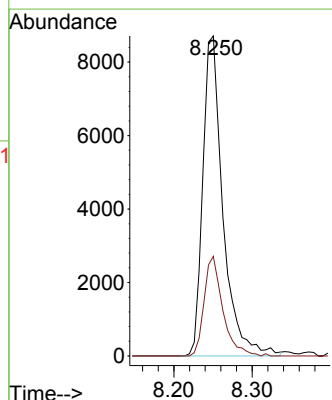
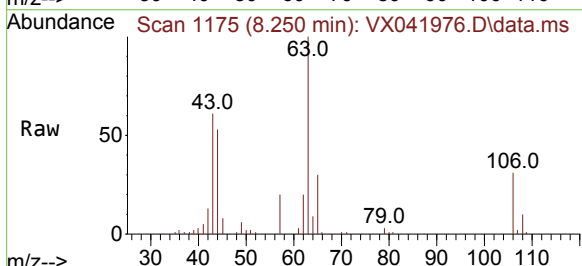
Acq: 21 Jun 2024 13:13

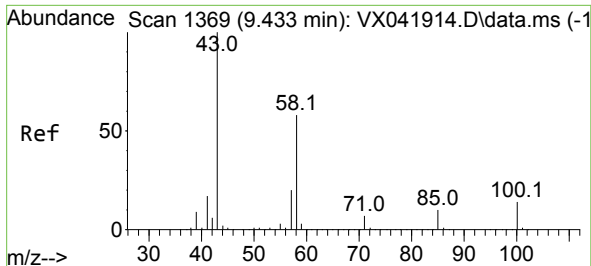
Tgt Ion: 63 Resp: 15536

Ion Ratio Lower Upper

63 100

106 28.8 22.5 33.7

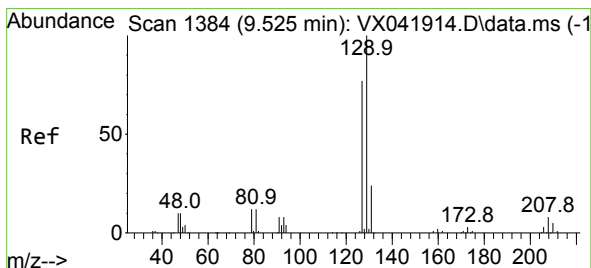
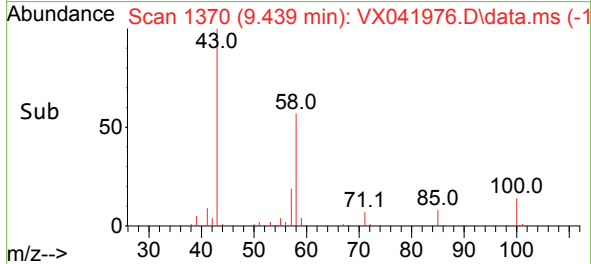
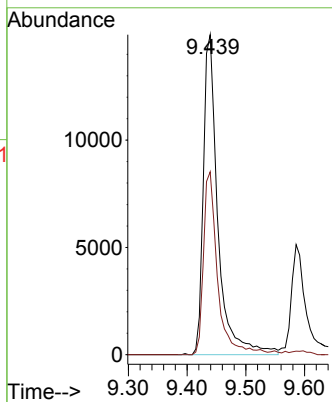
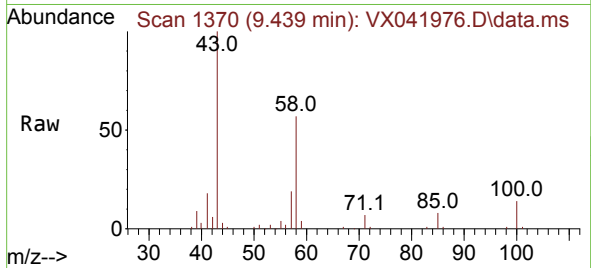




#59
2-Hexanone
Concen: 12.289 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

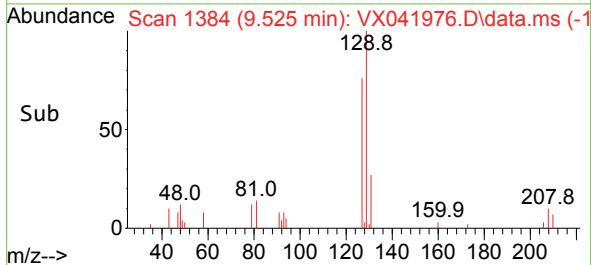
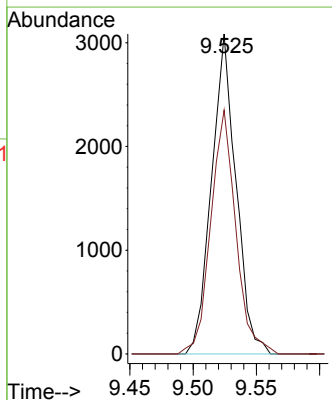
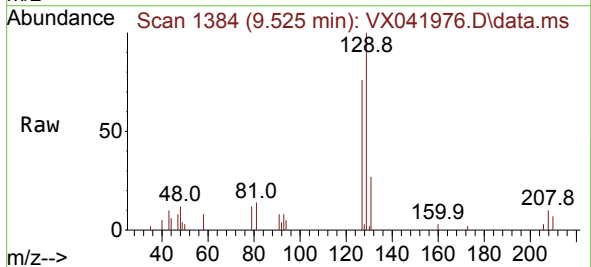
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

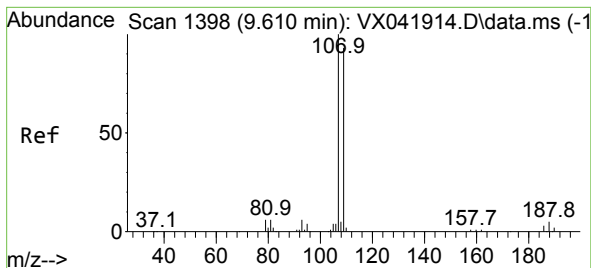
Tgt Ion: 43 Resp: 25602
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5



#60
Dibromochloromethane
Concen: 2.162 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 129 Resp: 4149
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61

1,2-Dibromoethane

Concen: 2.576 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

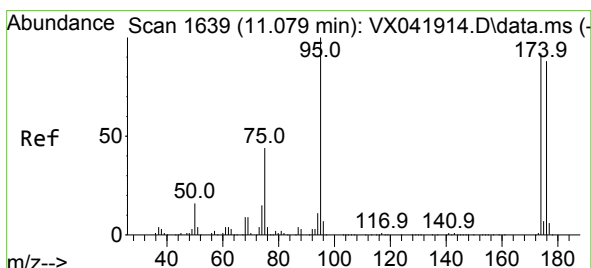
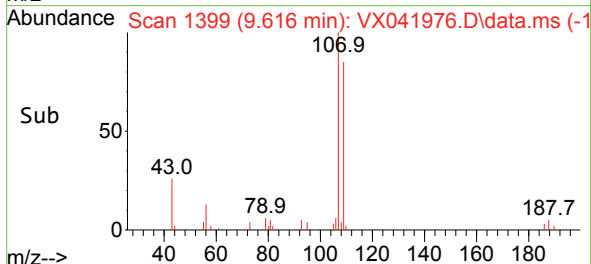
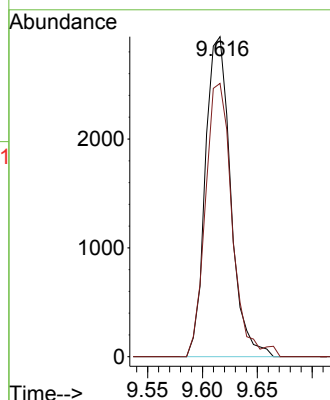
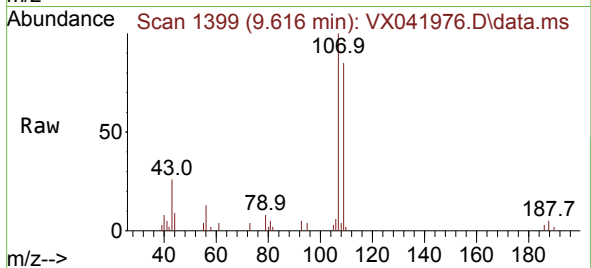
MDL-WATER-03-QT2-2024

Tgt Ion:107 Resp: 4720

Ion Ratio Lower Upper

107 100

109 90.2 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 46.062 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

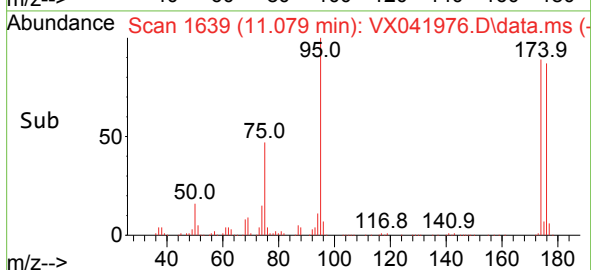
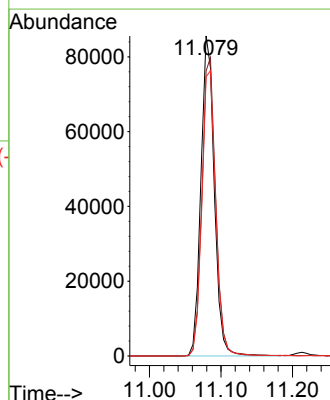
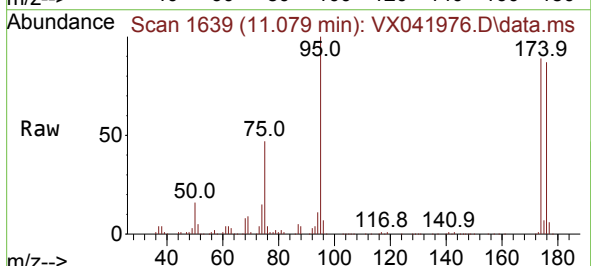
Tgt Ion: 95 Resp: 110931

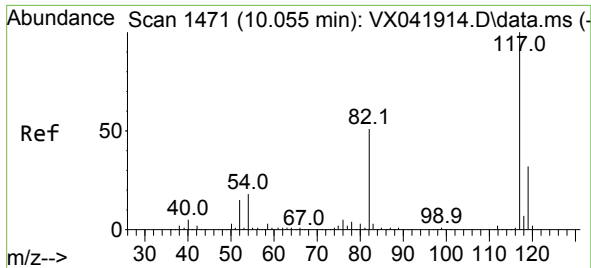
Ion Ratio Lower Upper

95 100

174 96.3 0.0 135.6

176 92.5 0.0 131.0

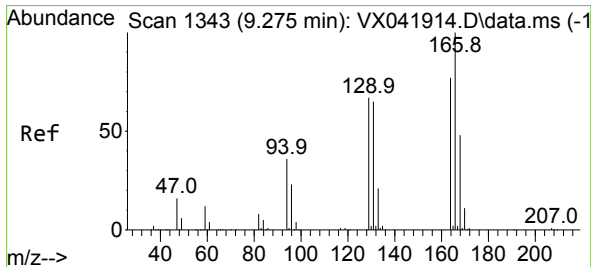
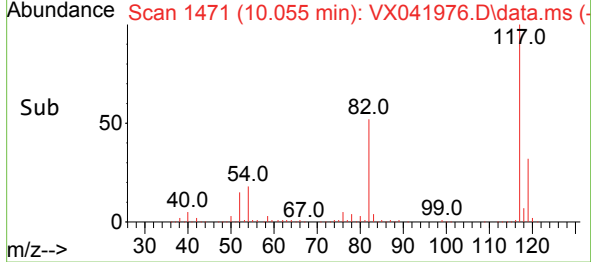
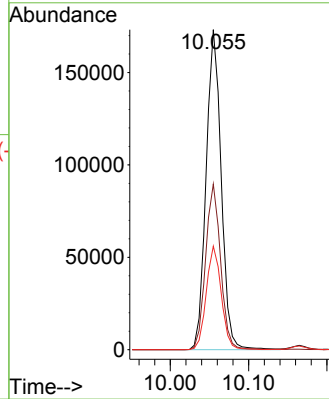
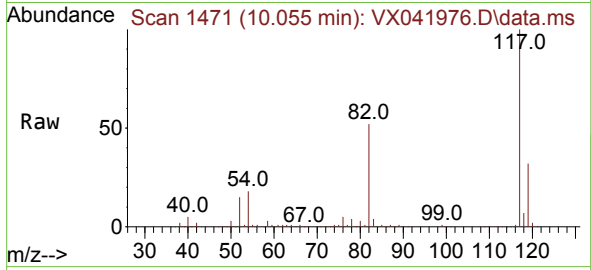




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

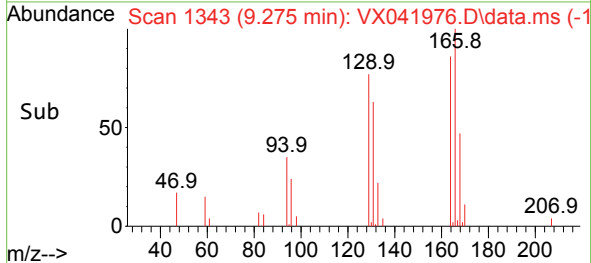
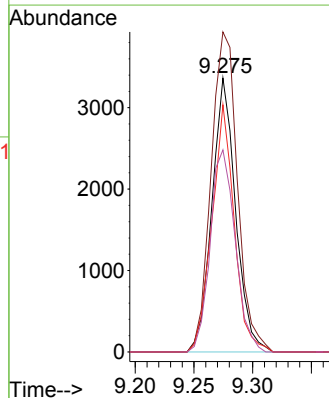
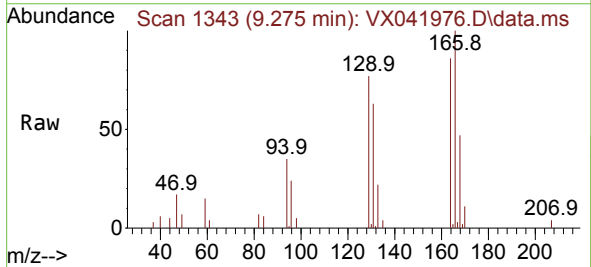
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

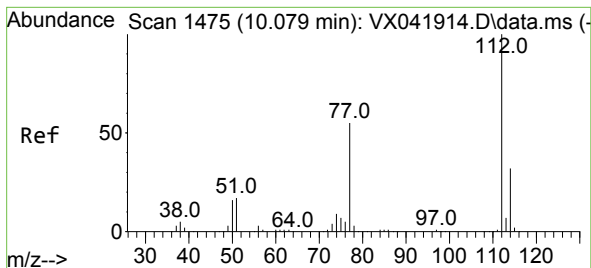
Tgt	Ion:117	Resp:	231541
Ion	Ratio	Lower	Upper
117	100		
82	51.7	46.2	69.4
119	32.4	25.5	38.3



#64
Tetrachloroethene
Concen: 2.800 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt	Ion:164	Resp:	4720
Ion	Ratio	Lower	Upper
164	100		
166	116.8	102.7	154.1
129	90.2	80.4	120.6
131	73.8	76.5	114.7#





#65

Chlorobenzene

Concen: 2.693 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

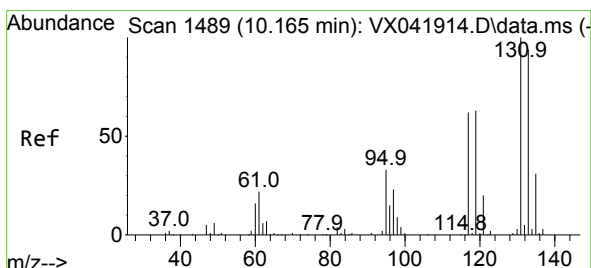
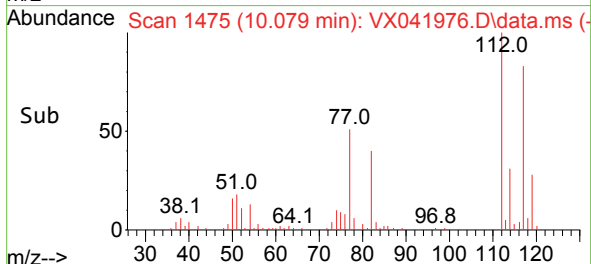
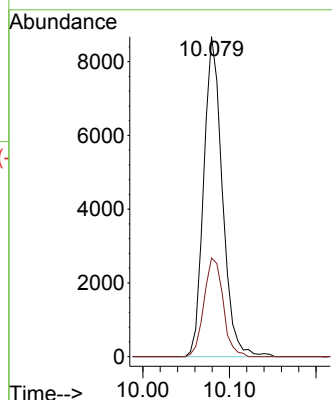
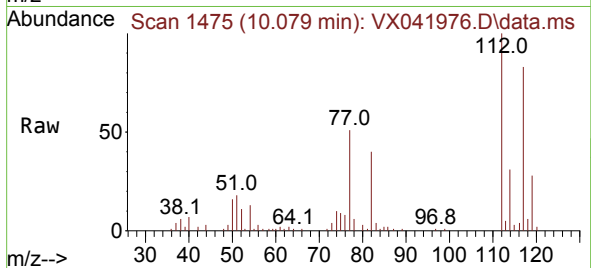
MDL-WATER-03-QT2-2024

Tgt Ion:112 Resp: 12967

Ion Ratio Lower Upper

112 100

114 30.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.366 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

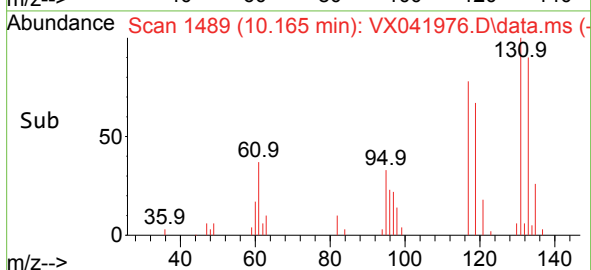
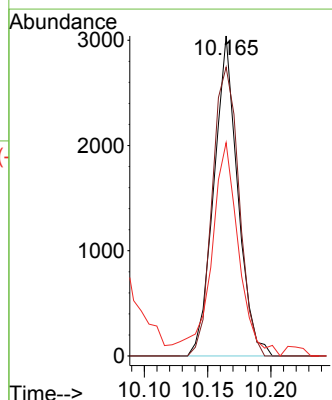
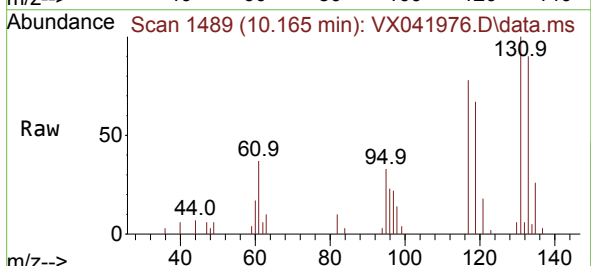
Tgt Ion:131 Resp: 3989

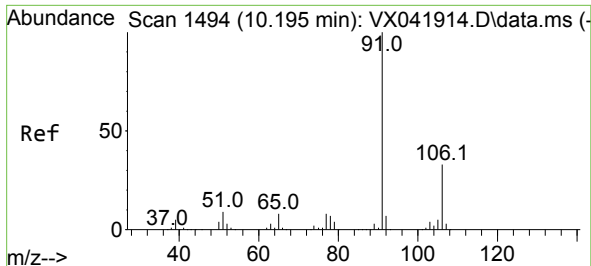
Ion Ratio Lower Upper

131 100

133 101.1 47.1 141.4

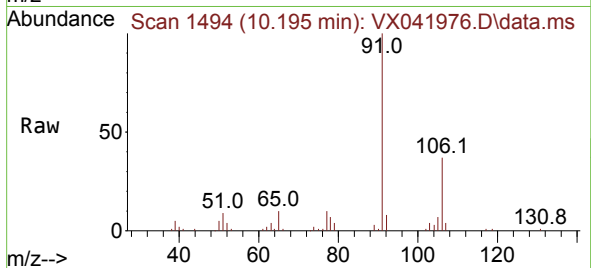
119 76.1 32.2 96.6



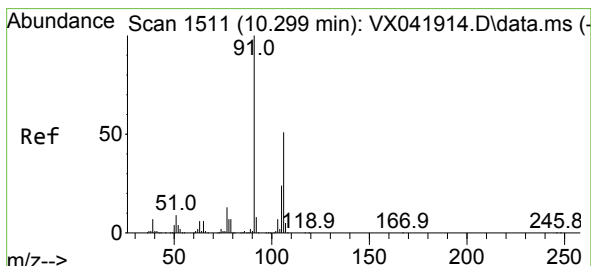
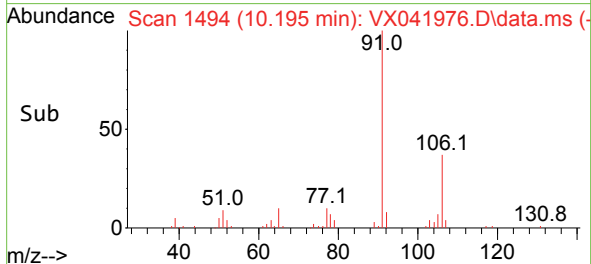
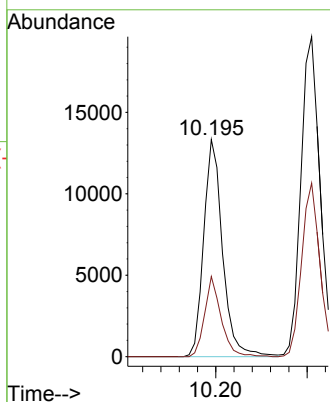


#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2024

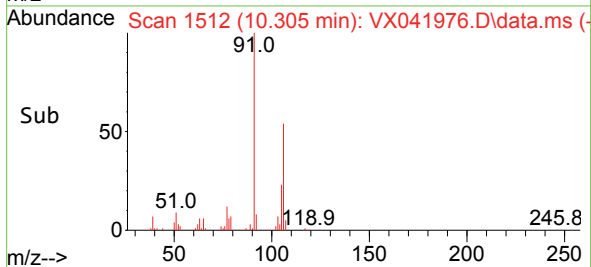
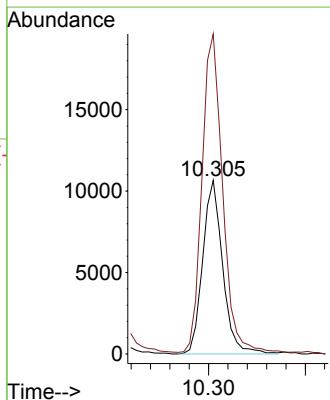
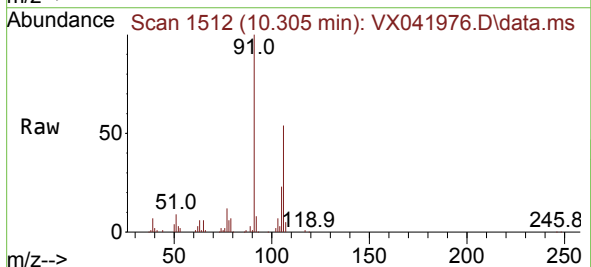


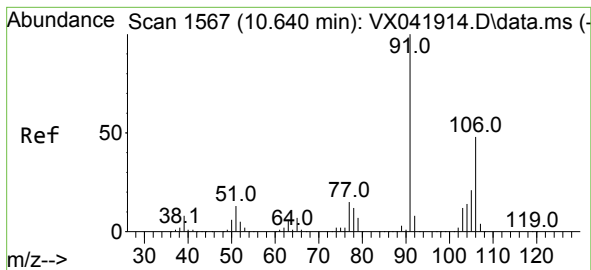
Tgt Ion: 91 Resp: 19090
Ion Ratio Lower Upper
91 100
106 36.9 24.9 37.3



#68
m/p-Xylenes
Concen: 5.036 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 106 Resp: 15343
Ion Ratio Lower Upper
106 100
91 188.9 165.5 248.3





#69

o-Xylene

Concen: 2.405 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

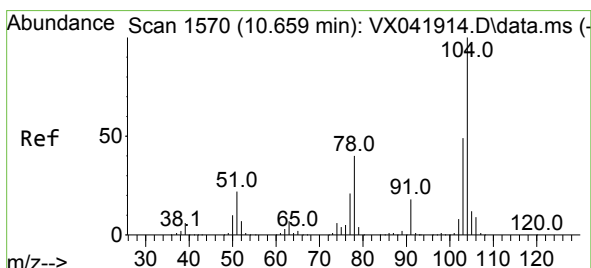
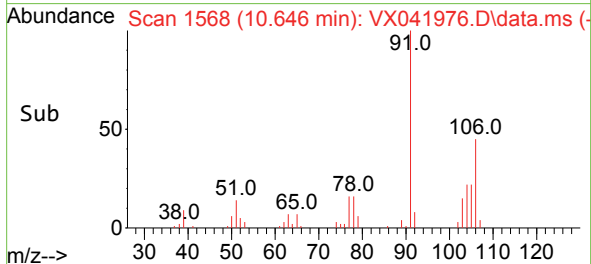
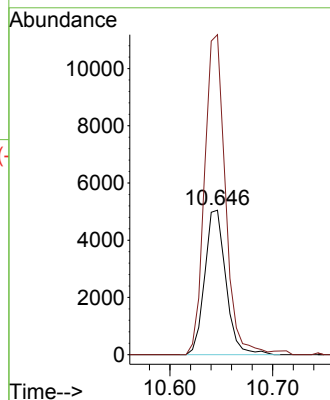
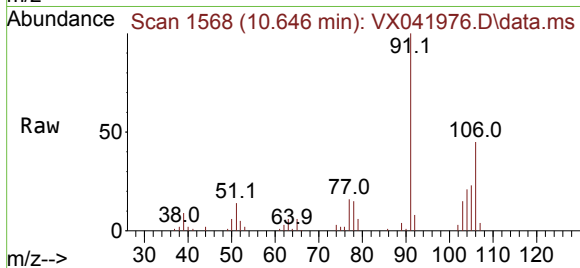
MDL-WATER-03-QT2-2024

Tgt Ion:106 Resp: 7253

Ion Ratio Lower Upper

106 100

91 218.6 108.9 326.8



#70

Styrene

Concen: 2.361 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

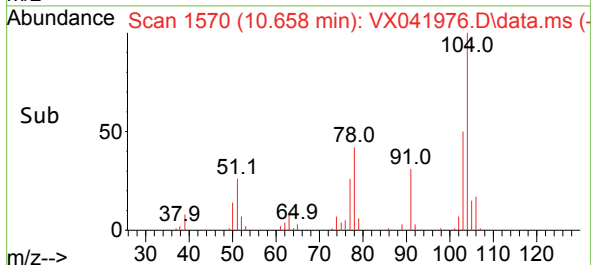
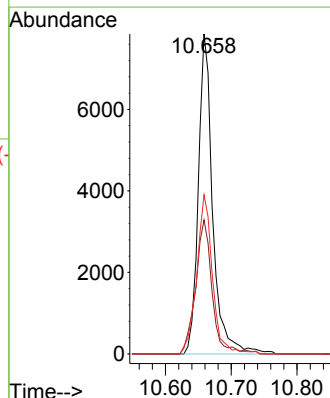
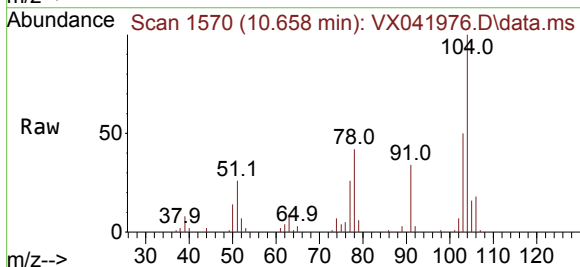
Tgt Ion:104 Resp: 11943

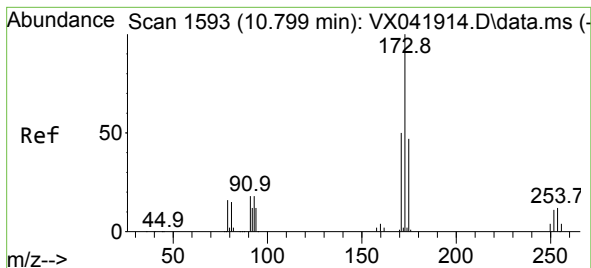
Ion Ratio Lower Upper

104 100

78 47.8 43.6 65.4

103 54.7 43.6 65.4





#71

Bromoform

Concen: 2.167 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

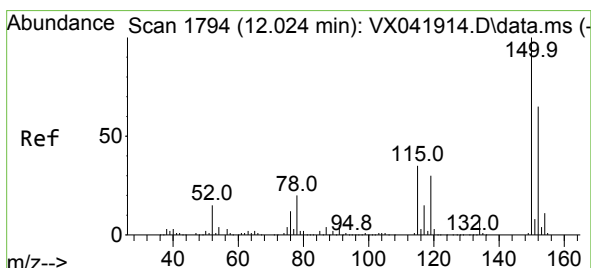
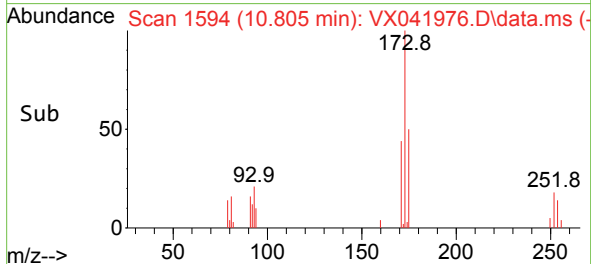
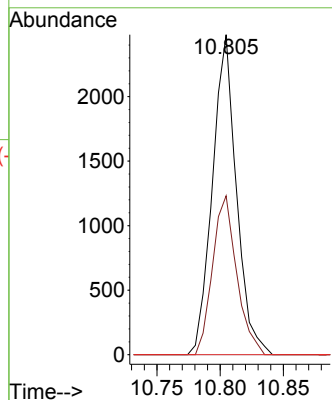
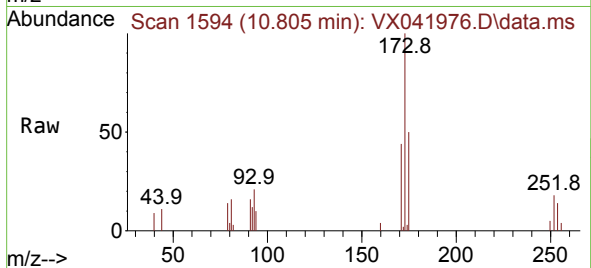
Tgt Ion:173 Resp: 3267

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

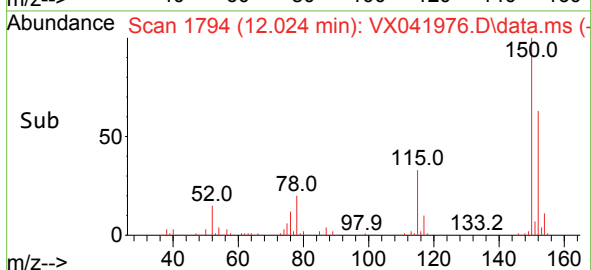
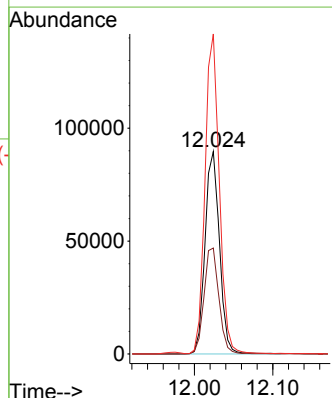
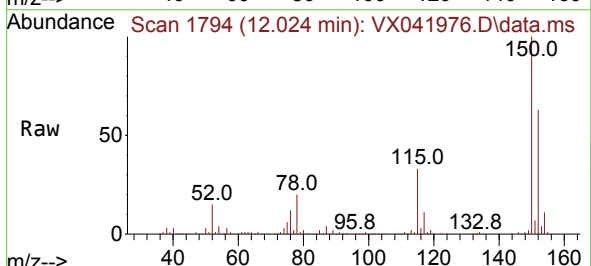
Tgt Ion:152 Resp: 114700

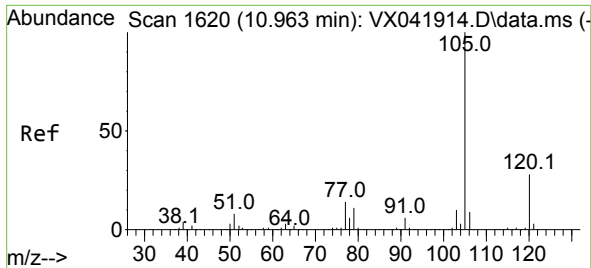
Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 155.4 0.0 345.0

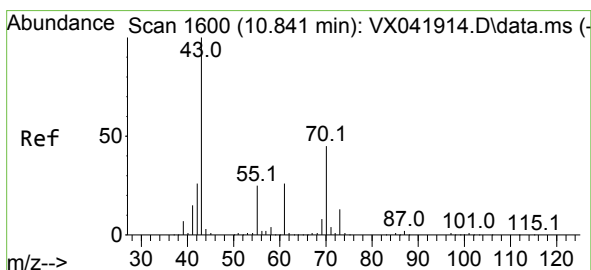
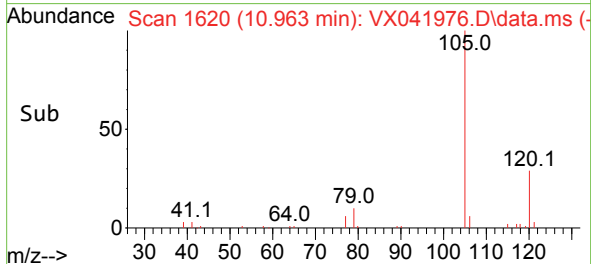
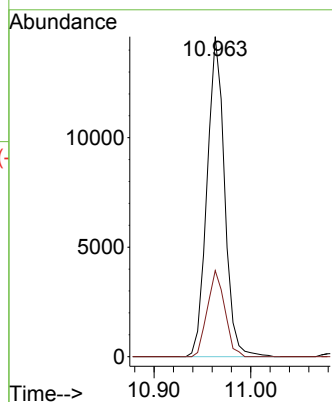
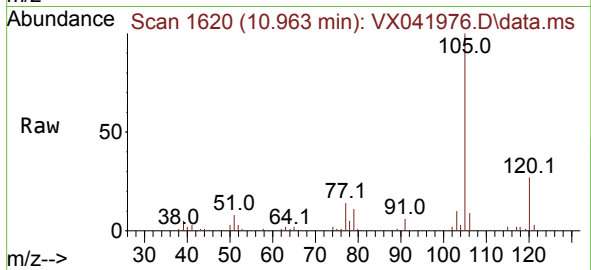




#73
Isopropylbenzene
Concen: 2.644 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

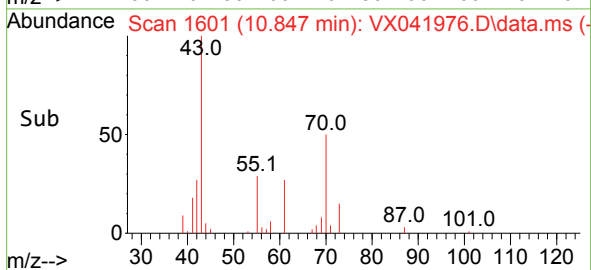
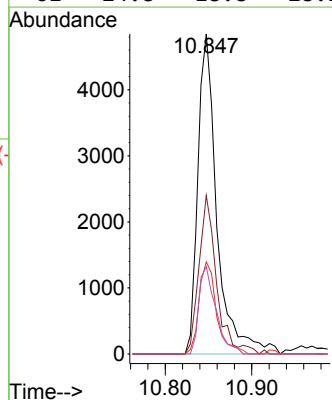
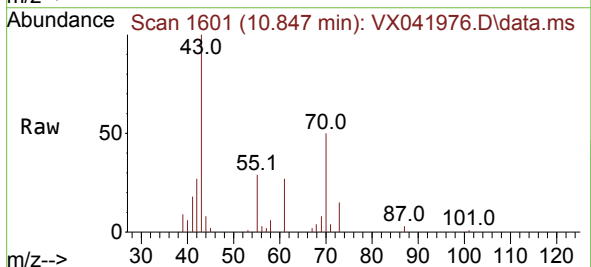
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

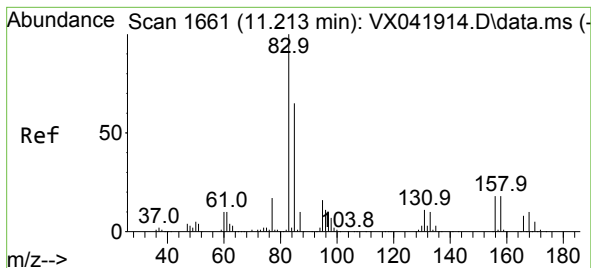
Tgt Ion:105 Resp: 18443
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6



#74
N-ethyl acetate
Concen: 2.398 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 43 Resp: 7428
Ion Ratio Lower Upper
43 100
70 46.2 32.9 49.3
55 26.1 19.3 28.9
61 24.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.844 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

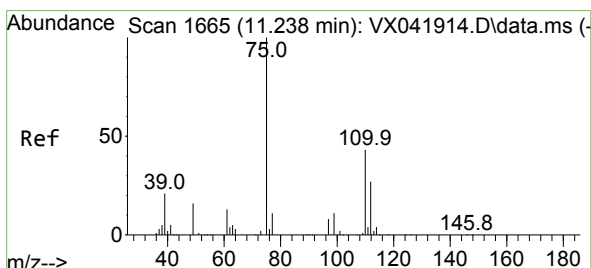
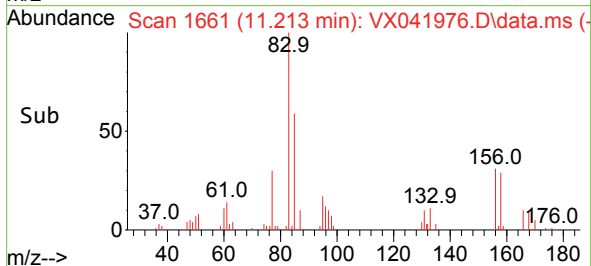
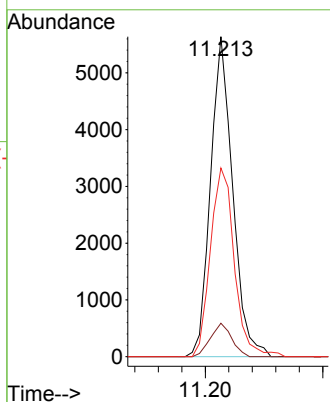
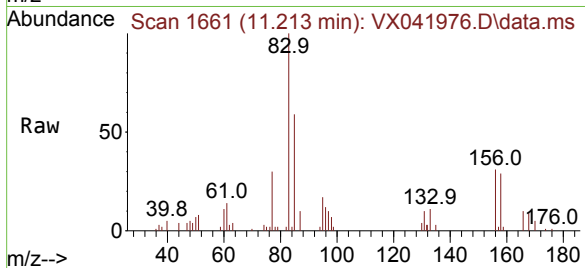
Tgt Ion: 83 Resp: 7375

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 3.196 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX041976.D

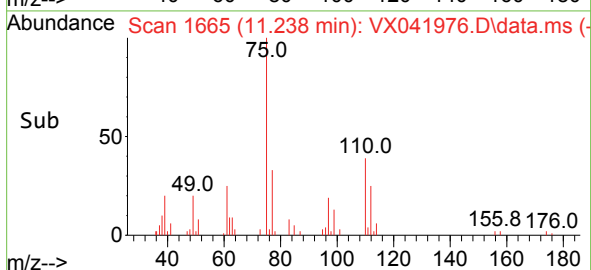
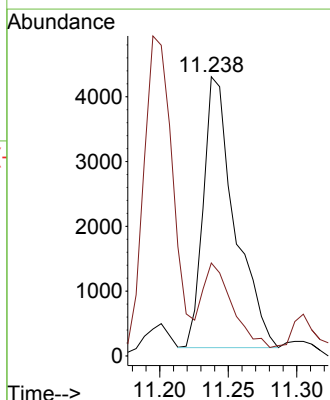
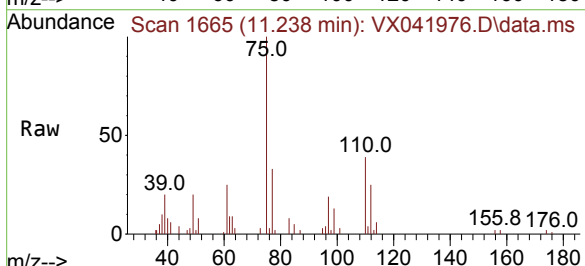
Acq: 21 Jun 2024 13:13

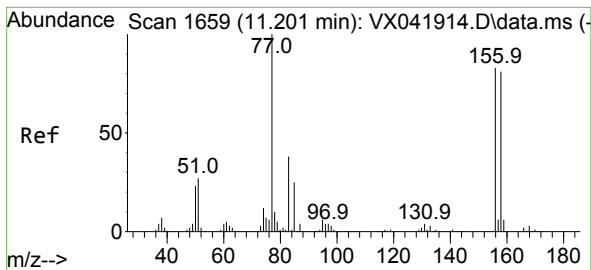
Tgt Ion: 75 Resp: 6654

Ion Ratio Lower Upper

75 100

77 35.3 19.1 57.5





#77

Bromobenzene

Concen: 2.966 ug/l

RT: 11.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

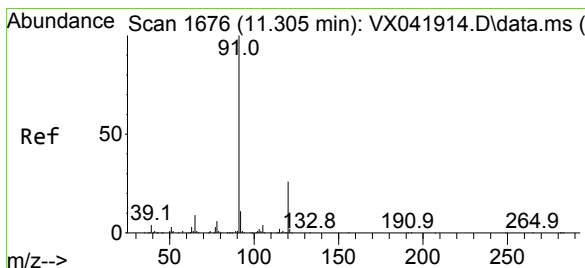
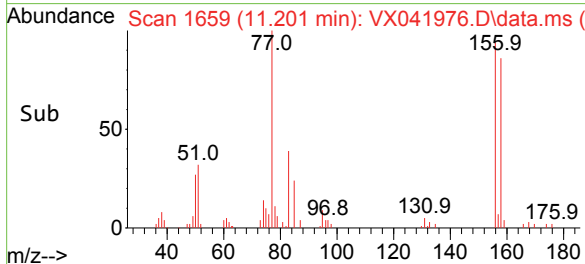
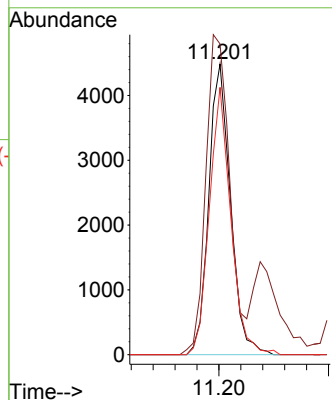
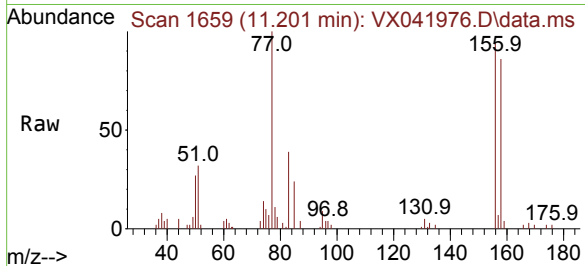
Tgt Ion:156 Resp: 6160

Ion Ratio Lower Upper

156 100

77 121.3 88.4 265.3

158 91.2 48.0 144.0



#78

n-propylbenzene

Concen: 2.524 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041976.D

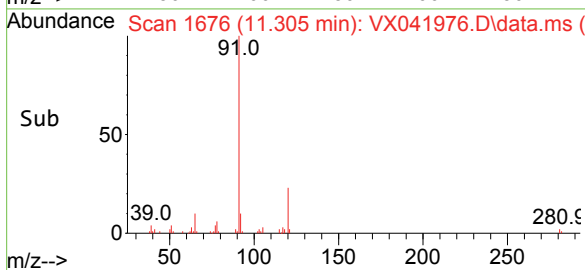
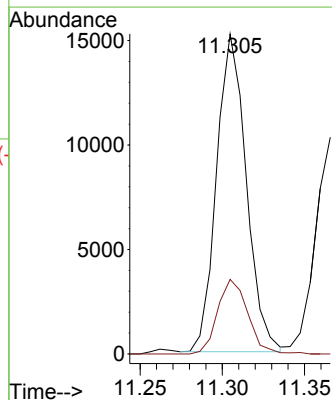
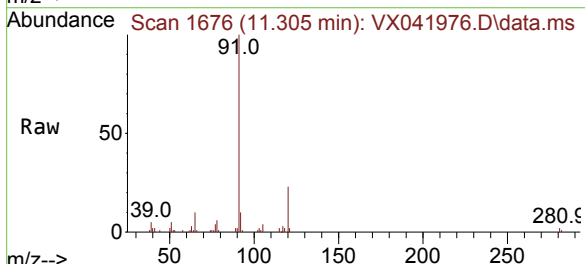
Acq: 21 Jun 2024 13:13

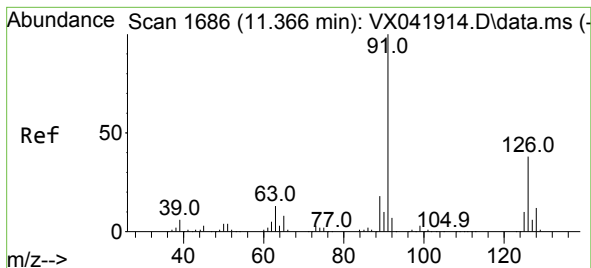
Tgt Ion: 91 Resp: 19100

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.748 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

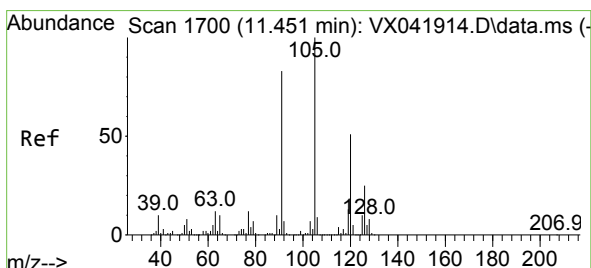
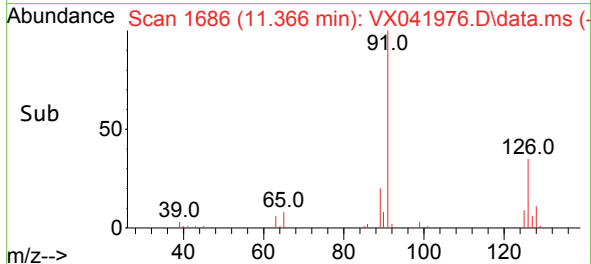
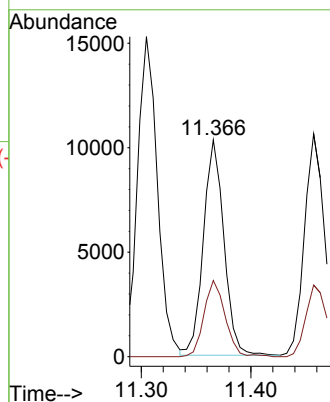
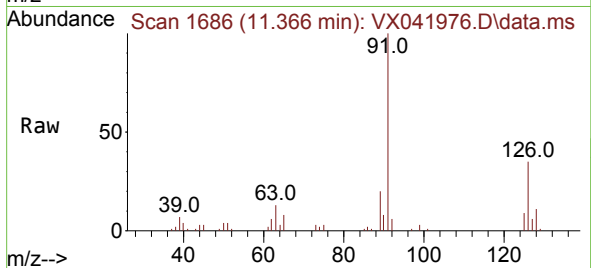
MDL-WATER-03-QT2-2024

Tgt Ion: 91 Resp: 13399

Ion Ratio Lower Upper

91 100

126 36.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 2.580 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041976.D

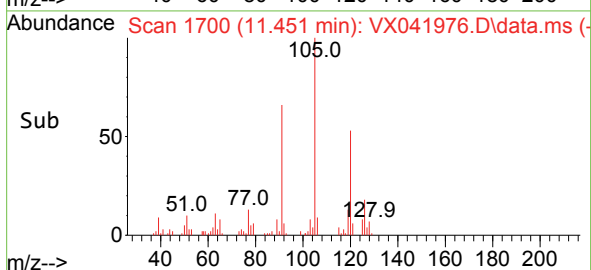
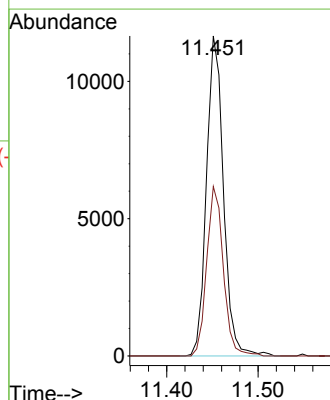
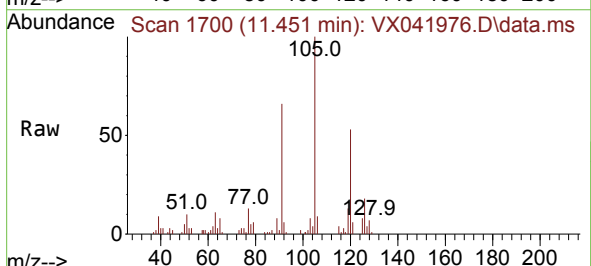
Acq: 21 Jun 2024 13:13

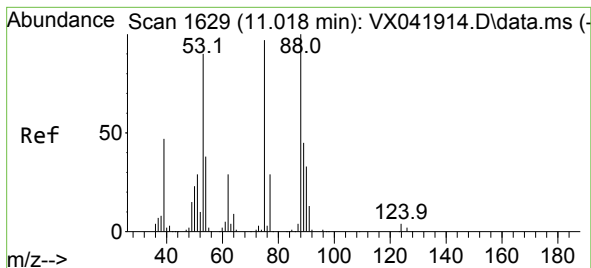
Tgt Ion: 105 Resp: 14985

Ion Ratio Lower Upper

105 100

120 51.9 24.1 72.3

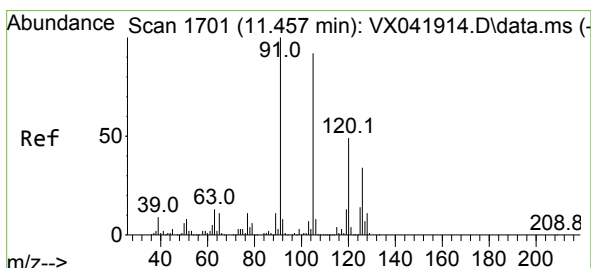
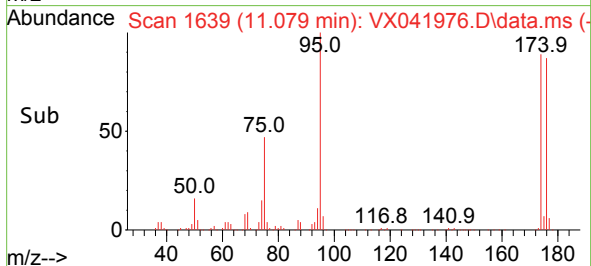
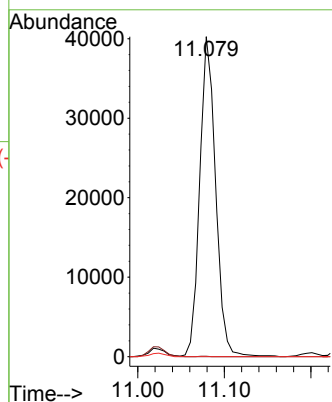
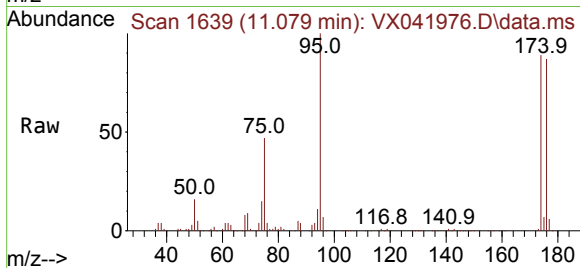




#81
trans-1,4-Dichloro-2-butene
Concen: 70.013 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

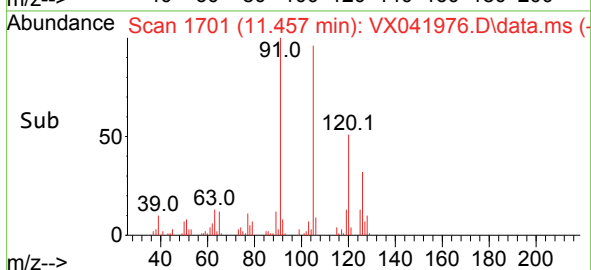
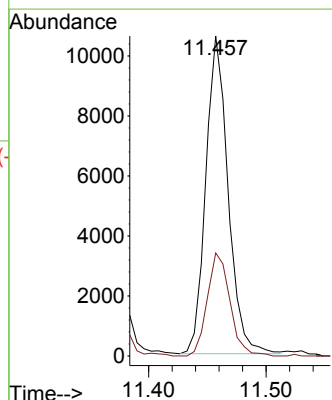
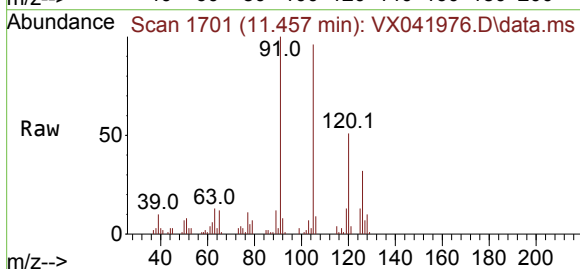
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

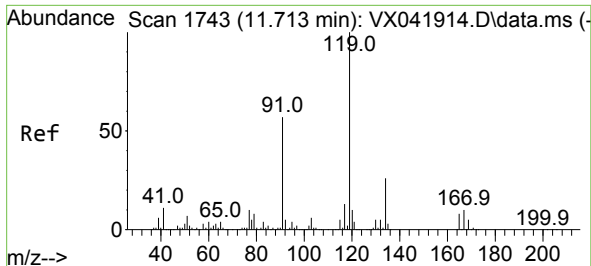
Tgt Ion: 75 Resp: 51335
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 2.593 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion: 91 Resp: 13974
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6

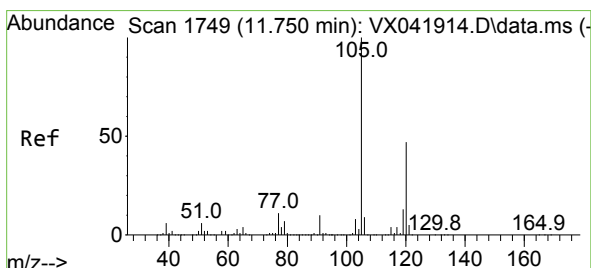
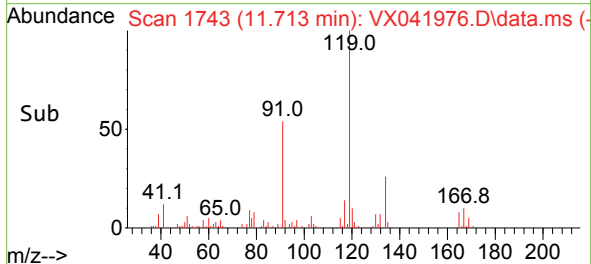
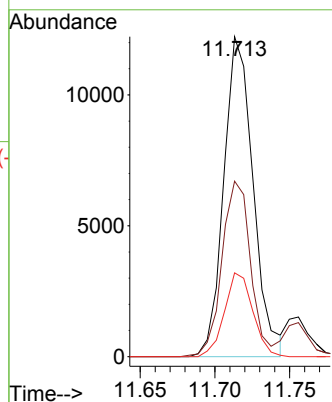
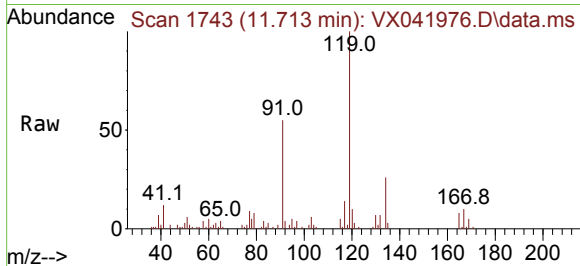




#83
tert-Butylbenzene
Concen: 2.621 ug/l
RT: 11.713 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

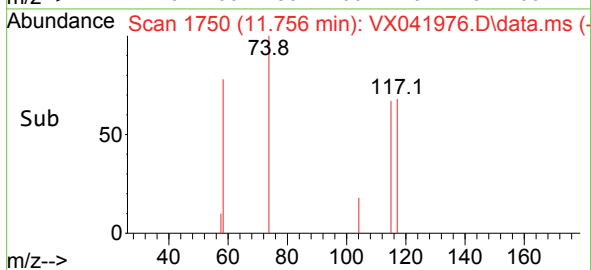
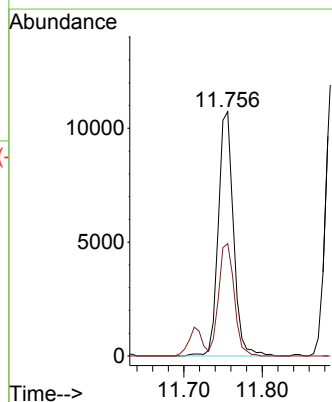
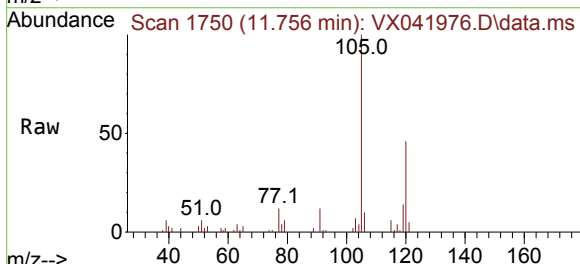
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

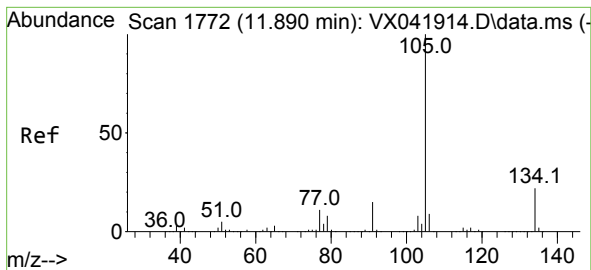
Tgt Ion:119 Resp: 16706
Ion Ratio Lower Upper
119 100
91 53.2 31.2 93.6
134 25.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 2.485 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:105 Resp: 14482
Ion Ratio Lower Upper
105 100
120 47.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.443 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

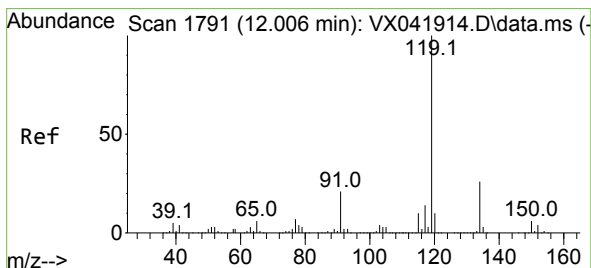
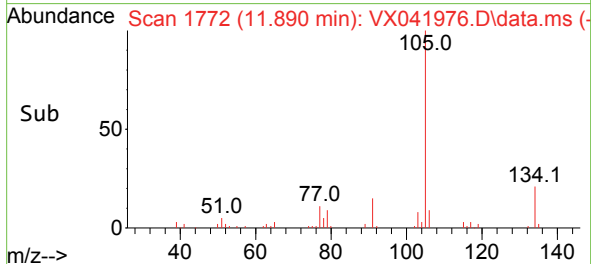
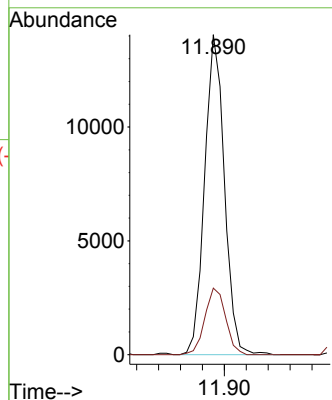
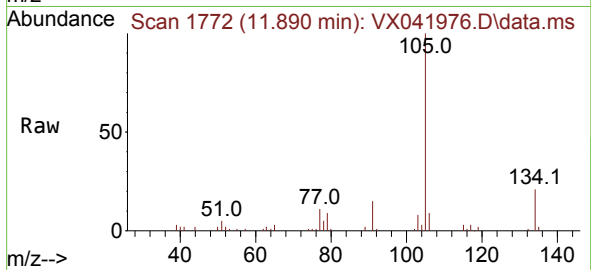
MDL-WATER-03-QT2-2024

Tgt Ion:105 Resp: 17616

Ion Ratio Lower Upper

105 100

134 21.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.361 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

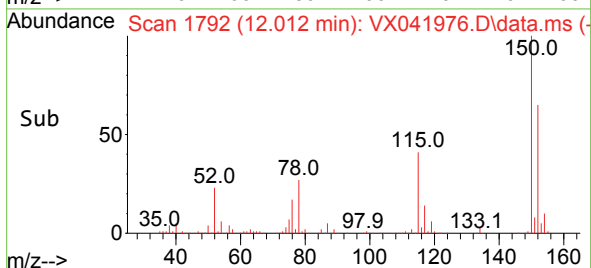
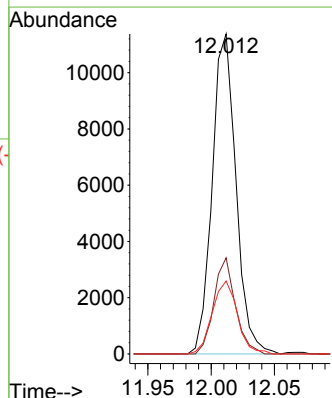
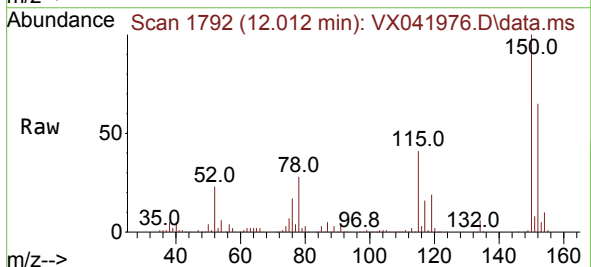
Tgt Ion:119 Resp: 14869

Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.622 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

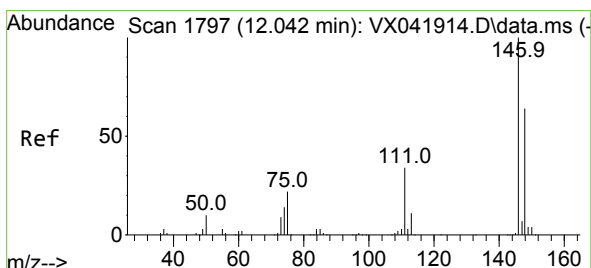
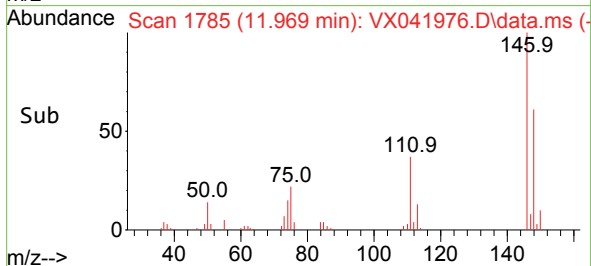
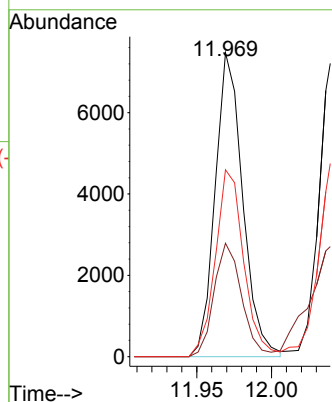
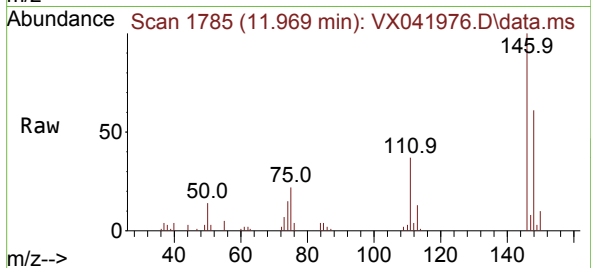
Tgt Ion:146 Resp: 9573

Ion Ratio Lower Upper

146 100

111 37.4 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 2.746 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

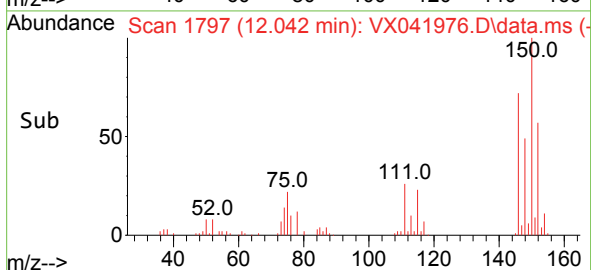
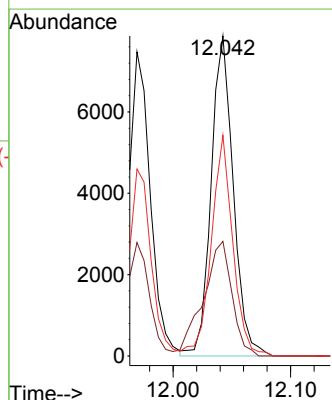
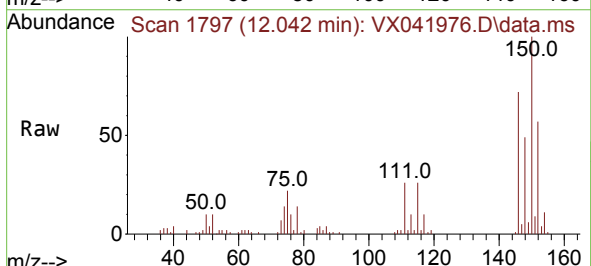
Tgt Ion:146 Resp: 10286

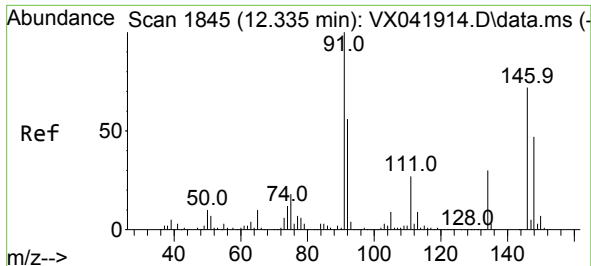
Ion Ratio Lower Upper

146 100

111 46.7 21.3 63.7

148 67.2 31.8 95.4





#89

n-Butylbenzene

Concen: 2.255 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041976.D

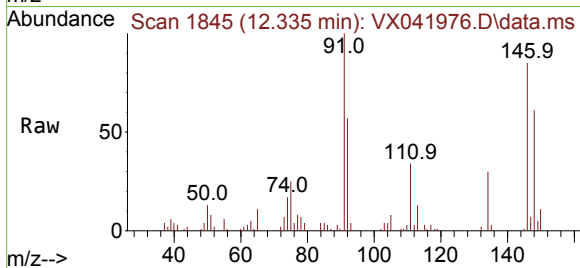
Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024



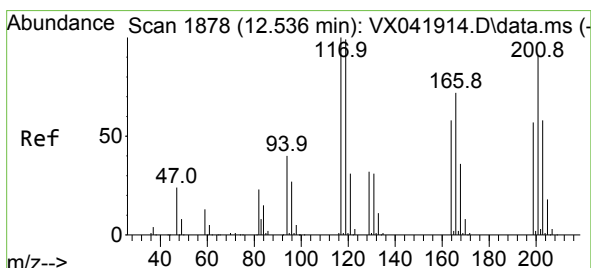
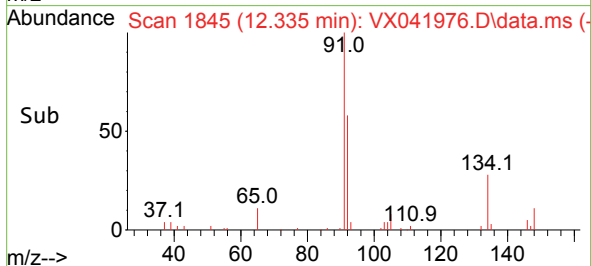
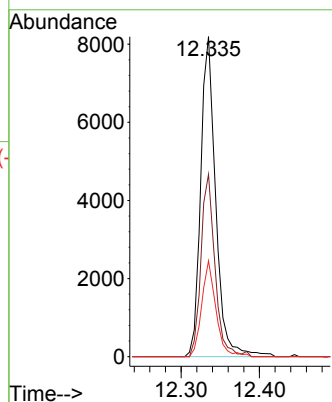
Tgt Ion: 91 Resp: 10933

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

134 28.4 12.6 37.8



#90

Hexachloroethane

Concen: 2.205 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX041976.D

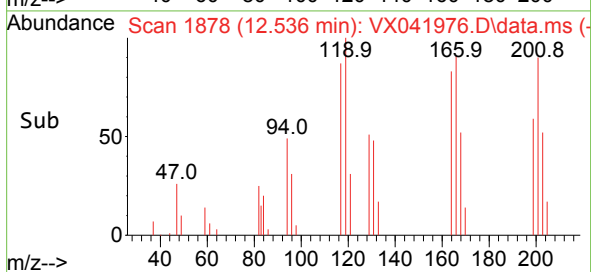
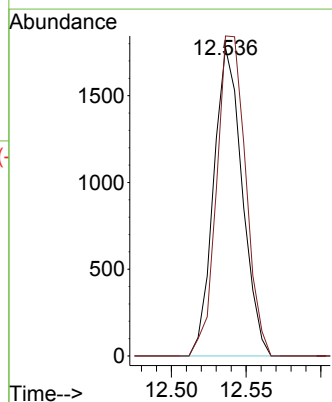
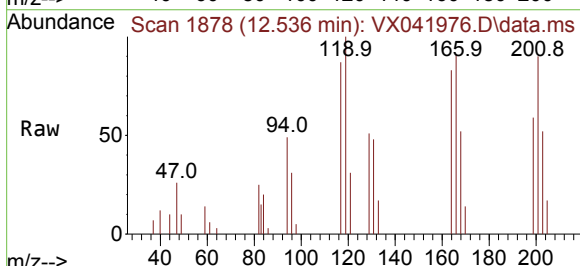
Acq: 21 Jun 2024 13:13

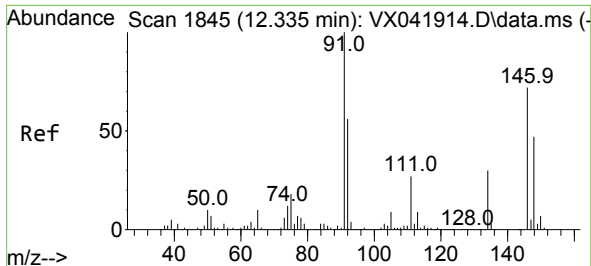
Tgt Ion: 117 Resp: 2364

Ion Ratio Lower Upper

117 100

201 105.3 32.9 98.6#

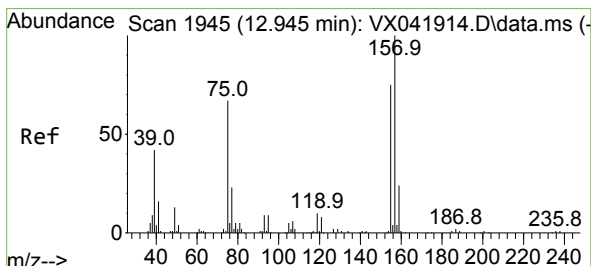
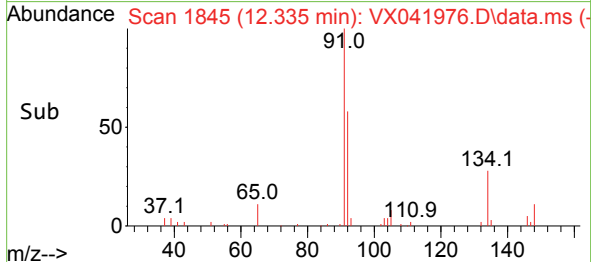
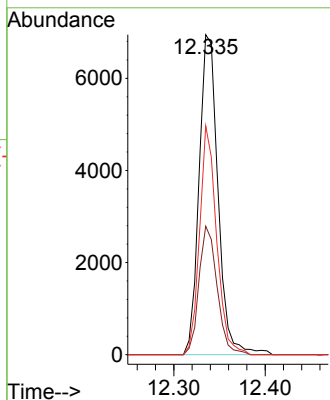
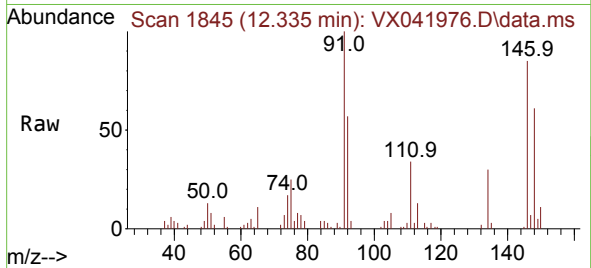




#91
1,2-Dichlorobenzene
Concen: 2.670 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

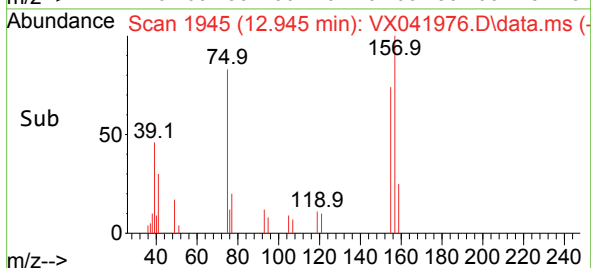
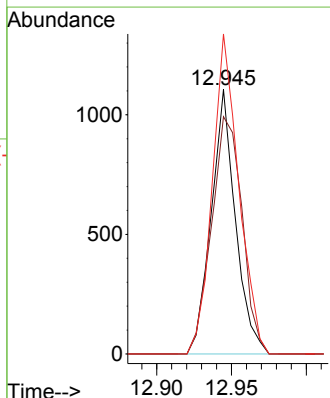
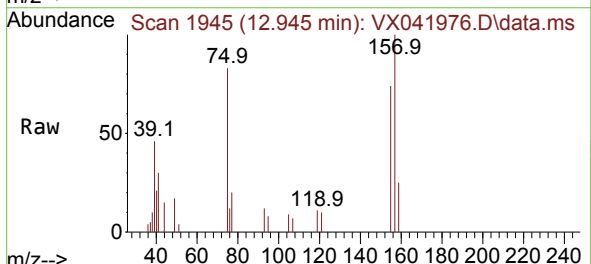
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2024

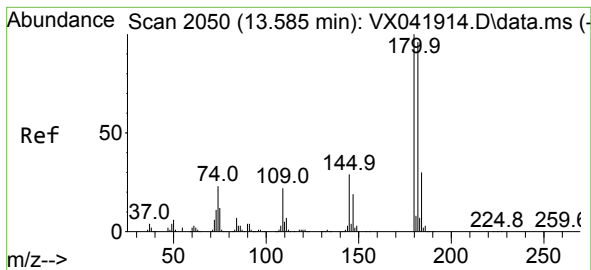
Tgt Ion:	146	Resp:	9974
Ion	Ratio	Lower	Upper
146	100		
111	38.5	22.4	67.0
148	64.3	31.6	95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.427 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX041976.D
Acq: 21 Jun 2024 13:13

Tgt Ion:	75	Resp:	1247
Ion	Ratio	Lower	Upper
75	100		
155	112.9	36.1	108.5#
157	131.8	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.161 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

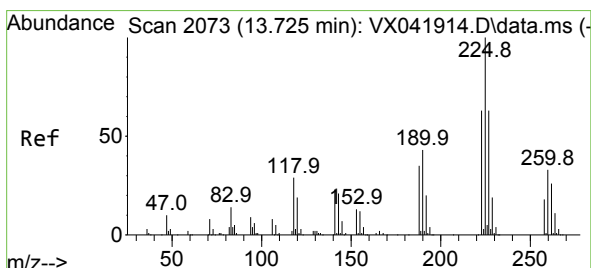
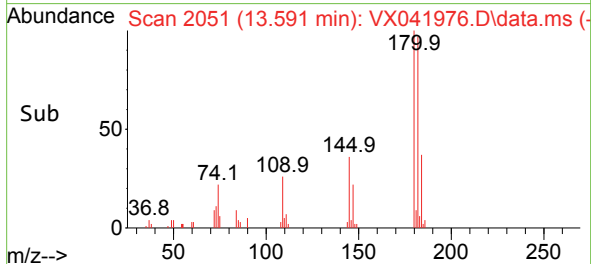
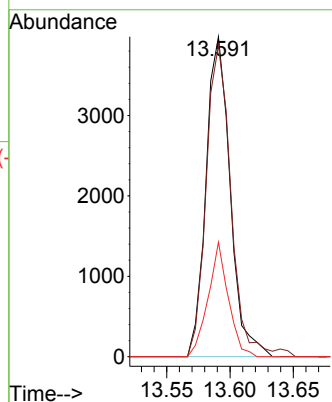
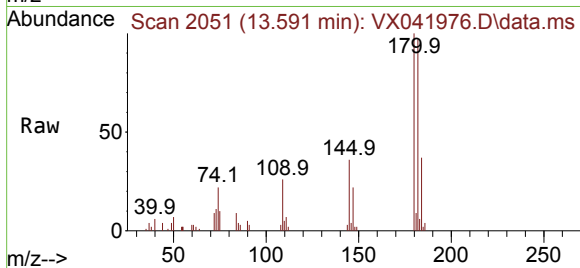
Tgt Ion:180 Resp: 5288

Ion Ratio Lower Upper

180 100

182 100.0 48.3 144.8

145 30.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 2.518 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

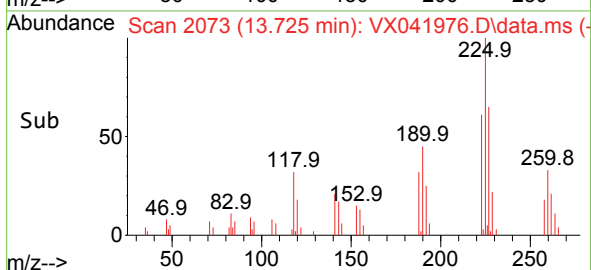
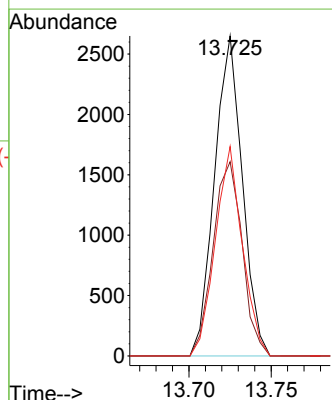
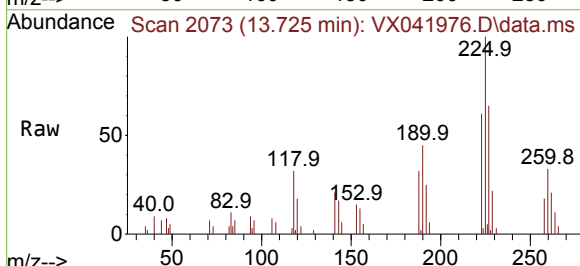
Tgt Ion:225 Resp: 3116

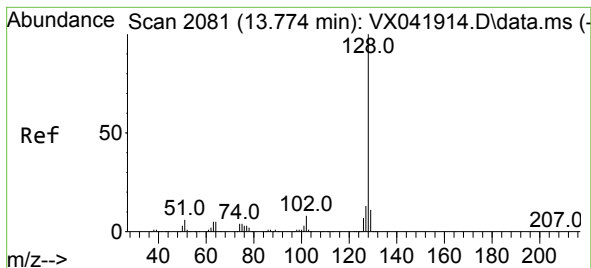
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 63.7 32.5 97.5





#95

Naphthalene

Concen: 2.247 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

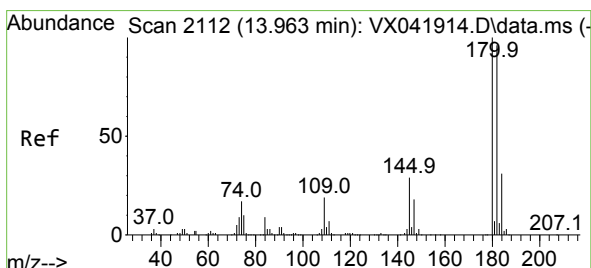
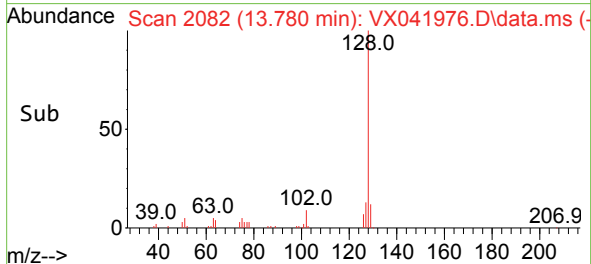
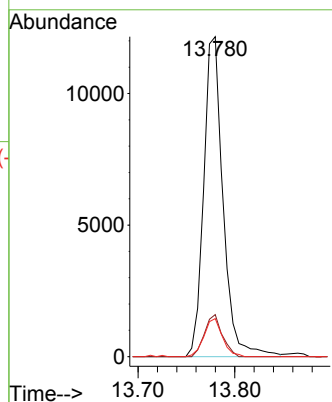
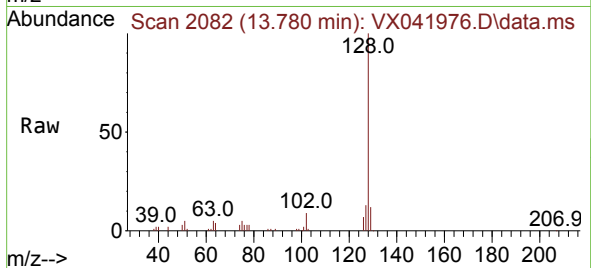
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:128	Resp:	16954
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.3 15.5
129	11.4	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 2.356 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041976.D

Acq: 21 Jun 2024 13:13

Tgt Ion:180	Resp:	6081
Ion Ratio	Lower	Upper
180	100	
182	96.9	46.9 140.6
145	27.3	17.8 53.5

