

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040043.D
 Acq On : 31 Jan 2024 13:12
 Operator : JC/MD
 Sample : P1187-0 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	94278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72619	47.861	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.385	113	54569	47.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.646	98	191187	44.707	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.420%#
62) 4-Bromofluorobenzene	11.079	95	72549	44.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2635	2.481	ug/l	90
3) Chloromethane	1.300	50	2959	2.938	ug/l	99
4) Vinyl Chloride	1.373	62	2421	2.599	ug/l	97
5) Bromomethane	1.605	94	1815	2.005	ug/l	98
6) Chloroethane	1.684	64	1407	2.288	ug/l	93
7) Trichlorofluoromethane	1.885	101	2985	2.014	ug/l	97
8) Diethyl Ether	2.129	74	1224	2.336	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	2700	2.442	ug/l	96
10) Methyl Iodide	2.452	142	2568	2.182	ug/l	99
11) Tert butyl alcohol	2.958	59	3651	13.261	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	2568	2.422	ug/l	95
13) Acrolein	2.233	56	3382	12.822	ug/l	99
14) Allyl chloride	2.666	41	4823	2.523	ug/l	96
15) Acrylonitrile	3.062	53	8997	13.046	ug/l	98
16) Acetone	2.379	43	9133	12.847	ug/l	99
17) Carbon Disulfide	2.513	76	7316	2.360	ug/l #	91
18) Methyl Acetate	2.702	43	4420	2.624	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	9186	2.529	ug/l #	90
20) Methylene Chloride	2.794	84	3376	2.672	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	2889	2.474	ug/l	90
22) Diisopropyl ether	3.763	45	9337	2.522	ug/l #	85
23) Vinyl Acetate	3.727	43	38435	11.600	ug/l	98
24) 1,1-Dichloroethane	3.611	63	5512	2.599	ug/l	98
25) 2-Butanone	4.562	43	13285	13.443	ug/l	93
26) 2,2-Dichloropropane	4.470	77	3525	2.130	ug/l	80
27) cis-1,2-Dichloroethene	4.495	96	3368	2.585	ug/l	95
28) Bromochloromethane	4.903	49	2424	2.451	ug/l #	96
29) Tetrahydrofuran	5.019	42	8401	13.370	ug/l	95
30) Chloroform	5.098	83	5634	2.474	ug/l	98
31) Cyclohexane	5.476	56	4642	2.442	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	4686	2.398	ug/l	97
36) 1,1-Dichloropropene	5.690	75	4370	2.642	ug/l	98
37) Ethyl Acetate	4.733	43	3749	2.076	ug/l #	92
38) Carbon Tetrachloride	5.671	117	3507	2.216	ug/l #	91
39) Methylcyclohexane	7.378	83	4239	2.107	ug/l	89
40) Benzene	6.037	78	11914	2.473	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2444	2.668	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	4818	2.598	ug/l	97
43) Isopropyl Acetate	6.342	43	6629	2.327	ug/l #	73
44) Trichloroethene	7.128	130	3129	2.468	ug/l	91
45) 1,2-Dichloropropane	7.433	63	3253	2.558	ug/l	90
46) Dibromomethane	7.580	93	2296	2.405	ug/l	99
47) Bromodichloromethane	7.823	83	3843	2.260	ug/l #	80
48) Methyl methacrylate	7.702	41	3307	2.357	ug/l	89
49) 1,4-Dioxane	7.665	88	1431	46.934	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	22369	11.505	ug/l	97
52) Toluene	8.720	92	7209	2.401	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	3140	1.781	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	4198	2.231	ug/l	91
55) 1,1,2-Trichloroethane	9.146	97	2913	2.344	ug/l #	88
56) Ethyl methacrylate	9.122	69	3957	2.181	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	4882	2.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	9961	10.915	ug/l	97
59) 2-Hexanone	9.433	43	17083	11.020	ug/l	99
60) Dibromochloromethane	9.518	129	2738	2.193	ug/l	93
61) 1,2-Dibromoethane	9.610	107	2985	2.222	ug/l	98
64) Tetrachloroethene	9.274	164	2544	2.538	ug/l	88
65) Chlorobenzene	10.079	112	7792	2.448	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.164	131	2347	2.183	ug/l	95
67) Ethyl Benzene	10.195	91	13365	2.340	ug/l	99
68) m/p-Xylenes	10.299	106	10021	4.663	ug/l	95
69) o-Xylene	10.640	106	4964	2.435	ug/l	92
70) Styrene	10.658	104	7667	2.232	ug/l	99
71) Bromoform	10.799	173	1752	2.129	ug/l #	98
73) Isopropylbenzene	10.963	105	12616	2.415	ug/l	98
74) N-amyl acetate	10.847	43	4556	1.915	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	5019	2.555	ug/l	96
76) 1,2,3-Trichloropropane	11.237	75	4822	3.112	ug/l	89
77) Bromobenzene	11.201	156	3119	2.588	ug/l	97
78) n-propylbenzene	11.305	91	15436	2.401	ug/l	100
79) 2-Chlorotoluene	11.365	91	9346	2.415	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	10144	2.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	38980	78.377	ug/l #	5
82) 4-Chlorotoluene	11.457	91	10303	2.319	ug/l	99
83) tert-Butylbenzene	11.713	119	9354	2.176	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	9946	2.219	ug/l	100
85) sec-Butylbenzene	11.890	105	12996	2.282	ug/l	99
86) p-Isopropyltoluene	12.012	119	9842	2.117	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	6053	2.490	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	6926	2.783	ug/l	92
89) n-Butylbenzene	12.335	91	9821	2.176	ug/l	95
90) Hexachloroethane	12.542	117	1484	2.020	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	5447	2.323	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.944	75	859	1.929	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3386	2.311	ug/l	99
94) Hexachlorobutadiene	13.725	225	1353	2.344	ug/l	94
95) Naphthalene	13.774	128	10833	2.176	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3492	2.410	ug/l	92

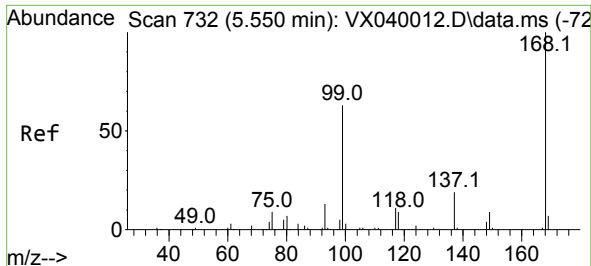
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

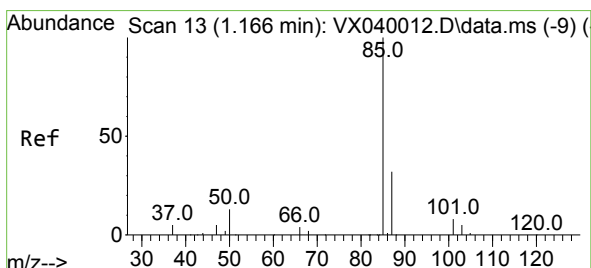
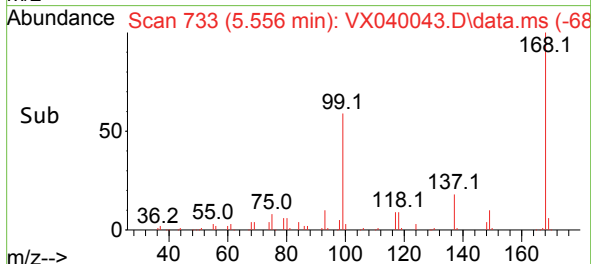
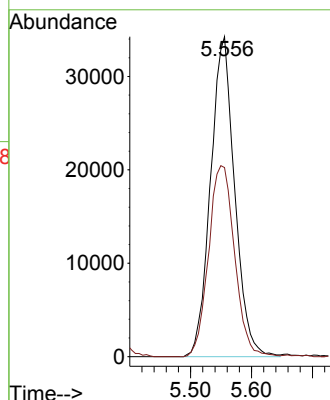
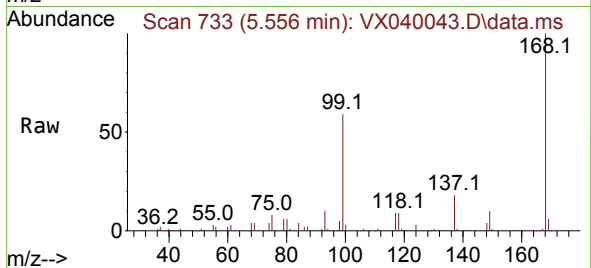
LOQ-WATER-02-QT1-2024

Tgt Ion:168 Resp: 94278

Ion Ratio Lower Upper

168 100

99 59.1 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 2.481 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX040043.D

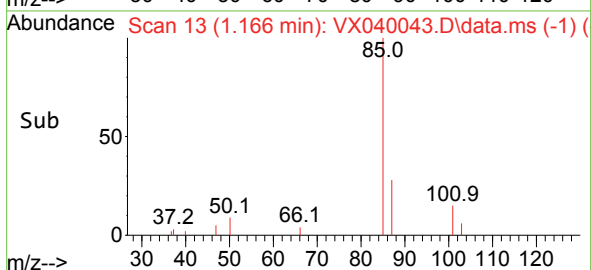
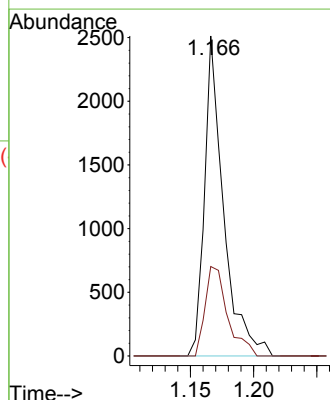
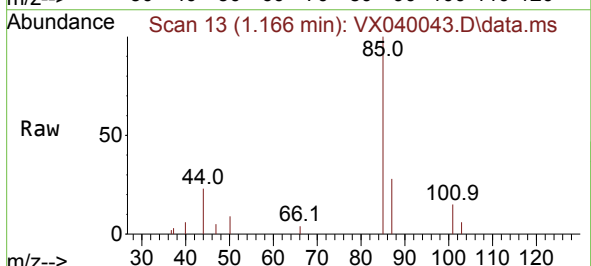
Acq: 31 Jan 2024 13:12

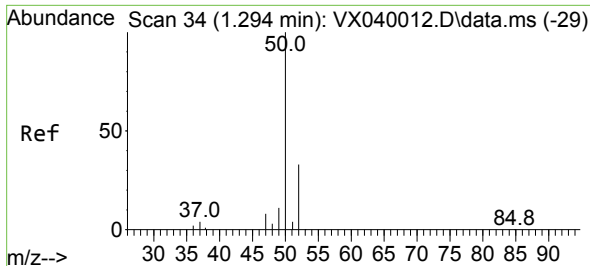
Tgt Ion: 85 Resp: 2635

Ion Ratio Lower Upper

85 100

87 28.0 16.7 50.1

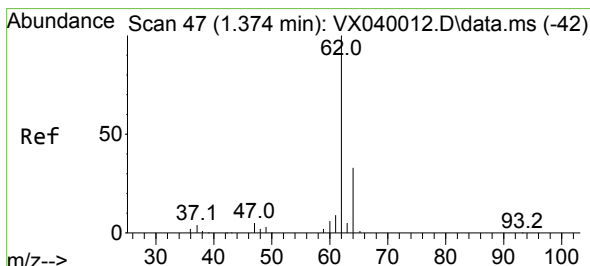
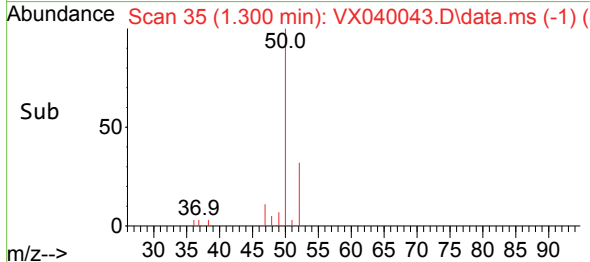
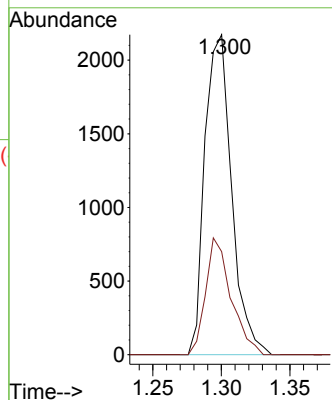
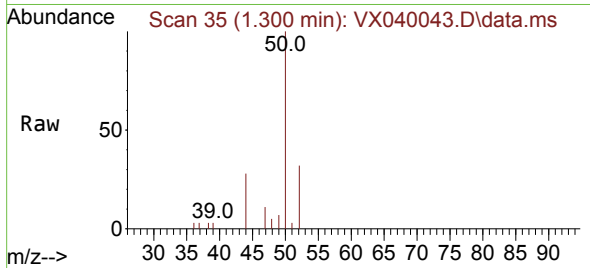




#3
Chloromethane
Concen: 2.938 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

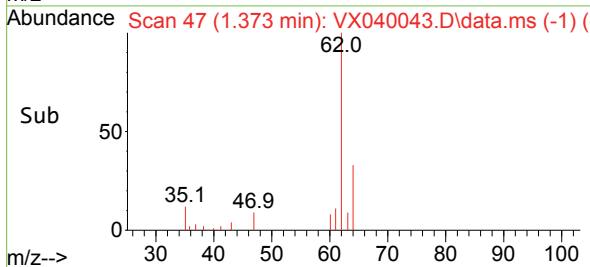
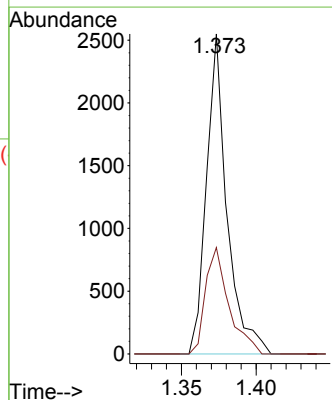
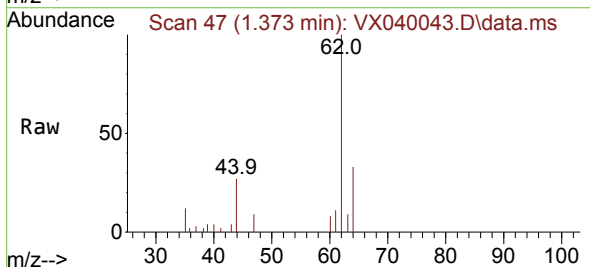
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2024

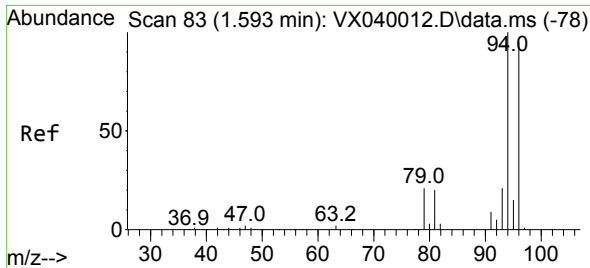
Tgt Ion: 50 Resp: 2959
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3



#4
Vinyl Chloride
Concen: 2.599 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 62 Resp: 2421
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

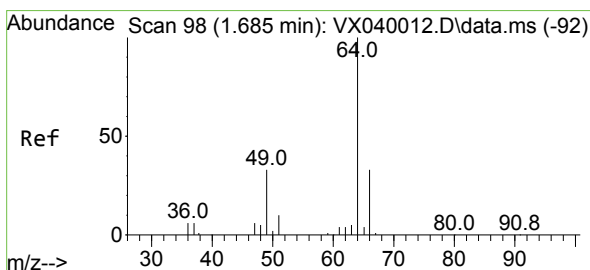
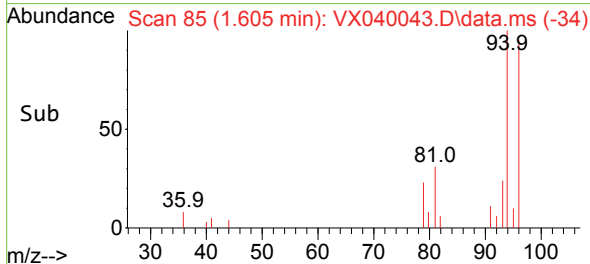
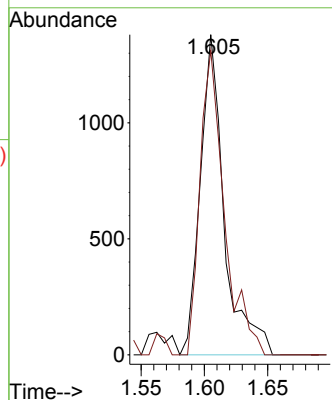
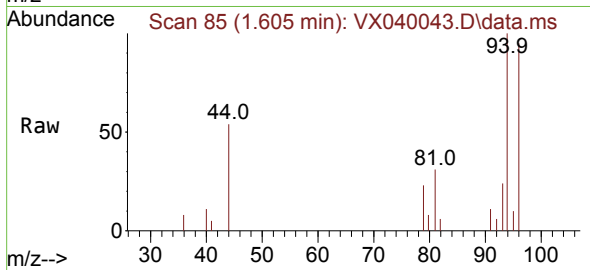




#5
Bromomethane
Concen: 2.005 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

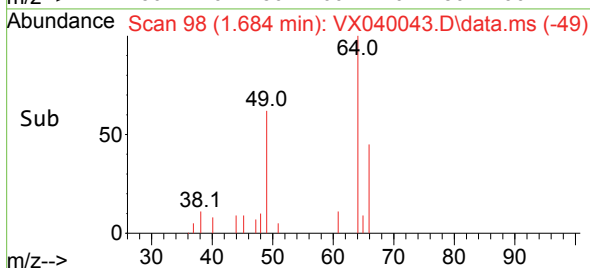
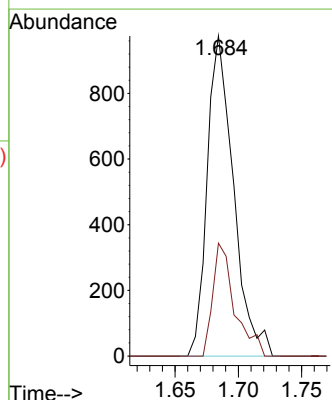
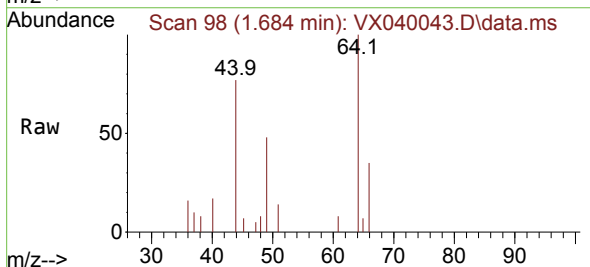
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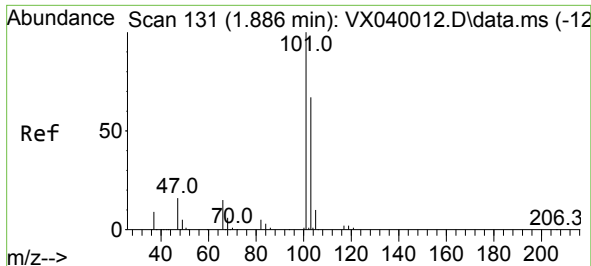
Tgt Ion: 94 Resp: 1815
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8



#6
Chloroethane
Concen: 2.288 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 64 Resp: 1407
Ion Ratio Lower Upper
64 100
66 35.3 25.1 37.7

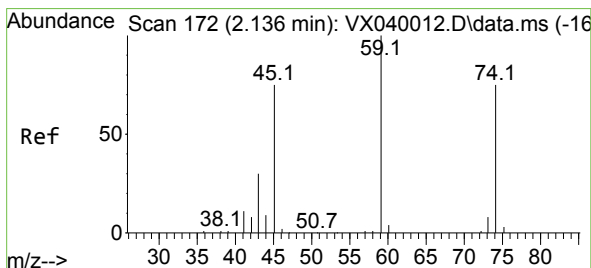
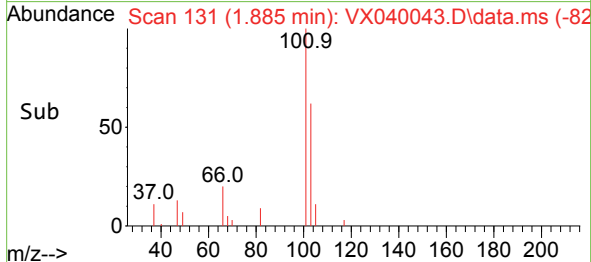
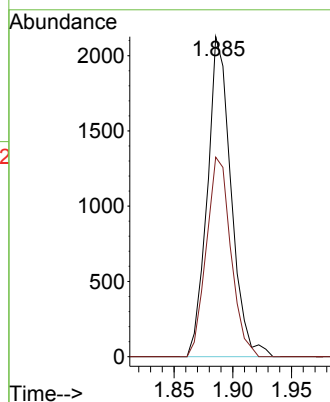
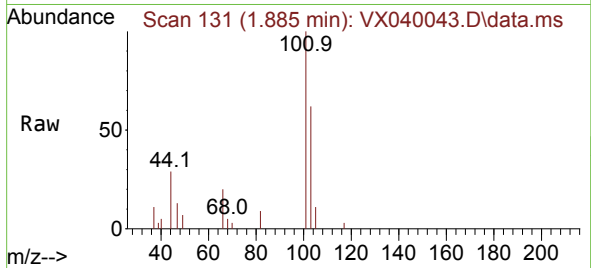




#7
Trichlorofluoromethane
Concen: 2.014 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

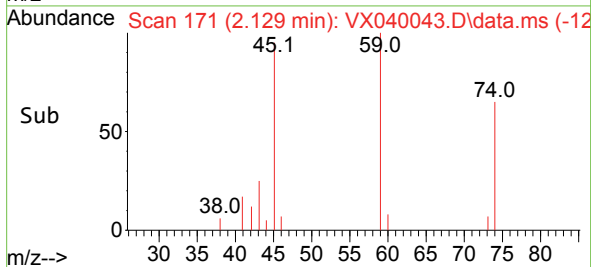
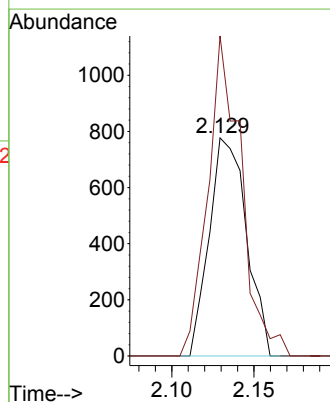
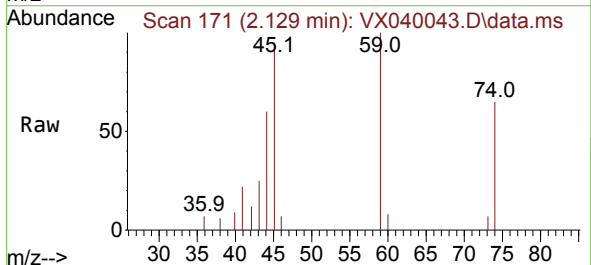
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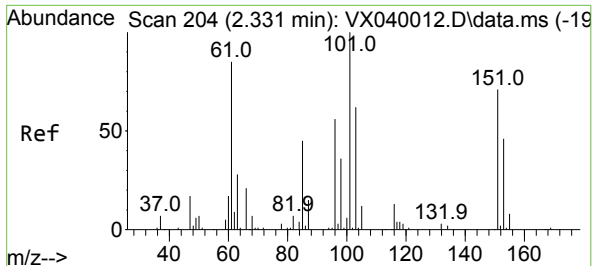
Tgt Ion:101 Resp: 2985
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2



#8
Diethyl Ether
Concen: 2.336 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 74 Resp: 1224
Ion Ratio Lower Upper
74 100
45 131.5 53.3 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.442 ug/l

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

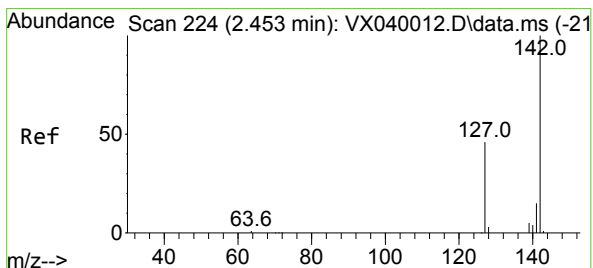
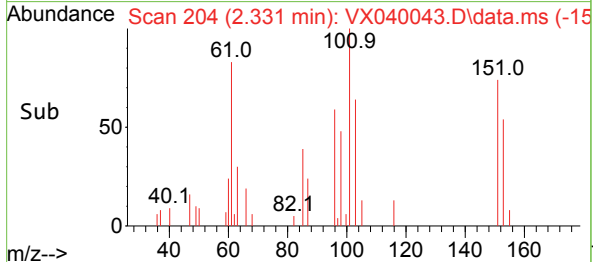
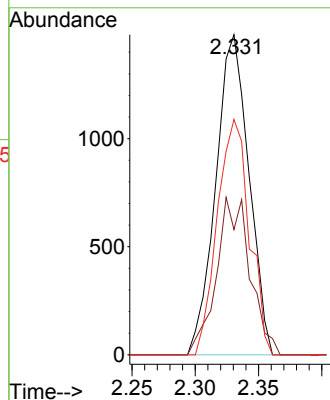
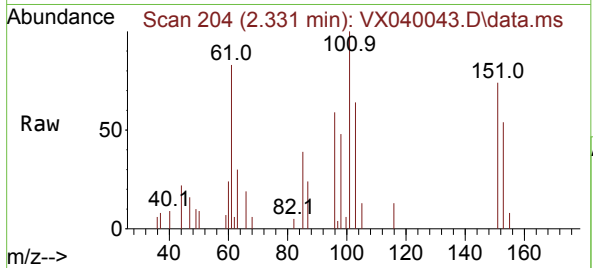
Tgt Ion:101 Resp: 2700

Ion Ratio Lower Upper

101 100

85 49.7 37.0 55.6

151 71.1 58.6 87.8



#10

Methyl Iodide

Concen: 2.182 ug/l

RT: 2.452 min Scan# 224

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

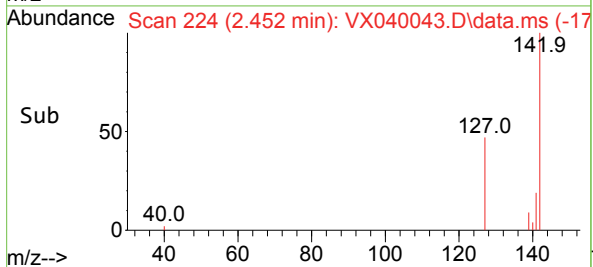
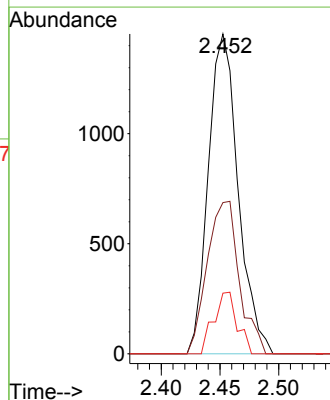
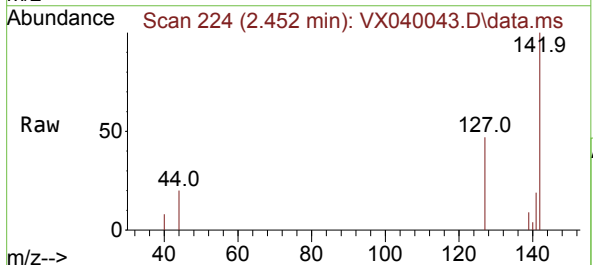
Tgt Ion:142 Resp: 2568

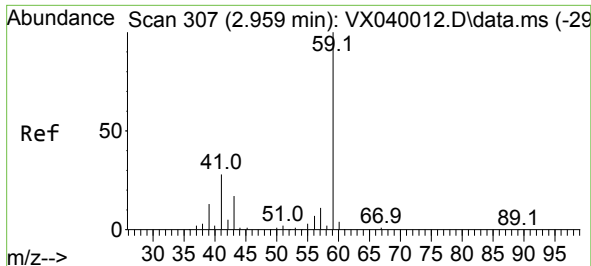
Ion Ratio Lower Upper

142 100

127 51.3 41.6 62.4

141 15.1 11.6 17.4

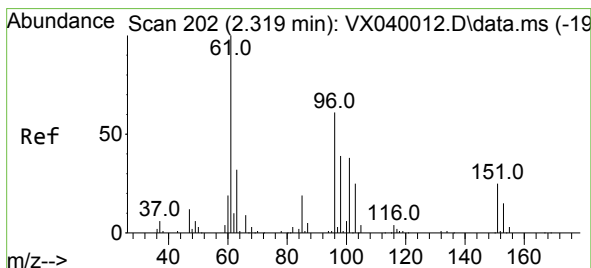
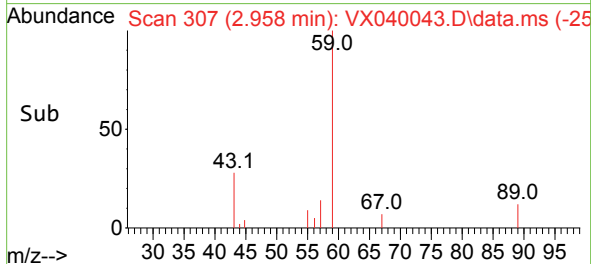
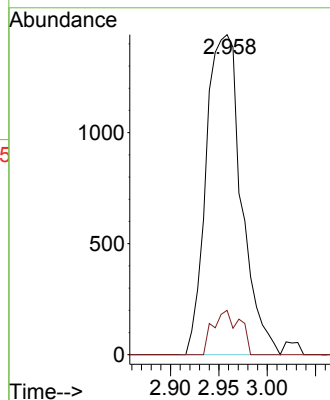
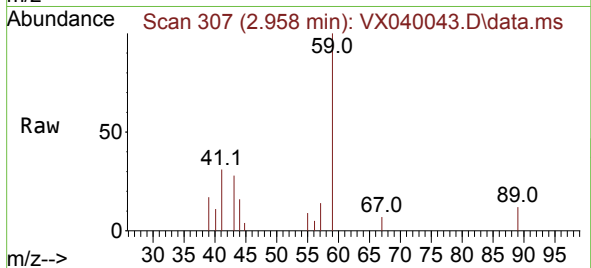




#11
Tert butyl alcohol
Concen: 13.261 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

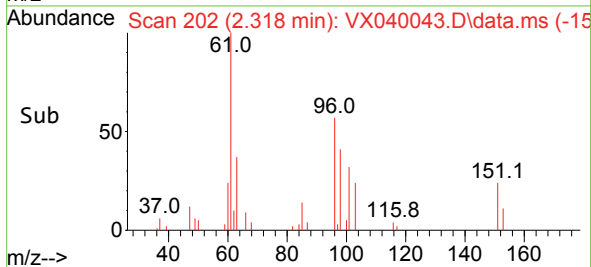
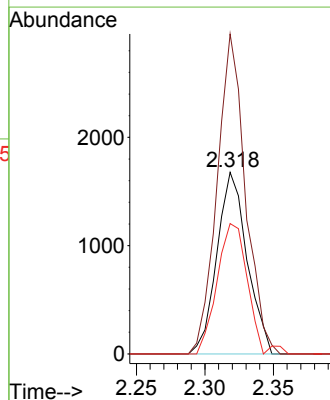
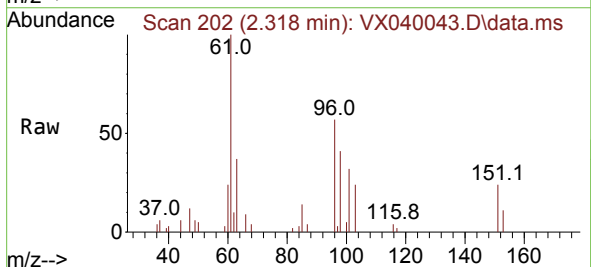
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

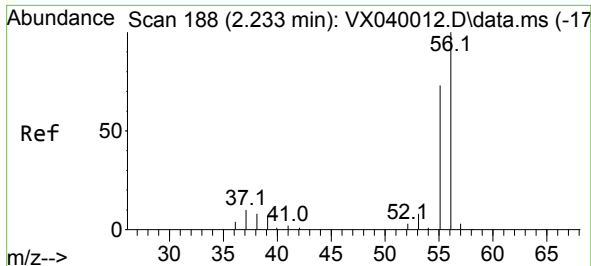
Tgt Ion: 59 Resp: 3651
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 2.422 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 96 Resp: 2568
Ion Ratio Lower Upper
96 100
61 176.2 144.6 216.8
98 71.8 50.4 75.6





#13

Acrolein

Concen: 12.822 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

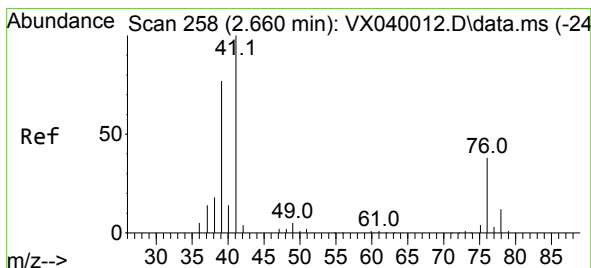
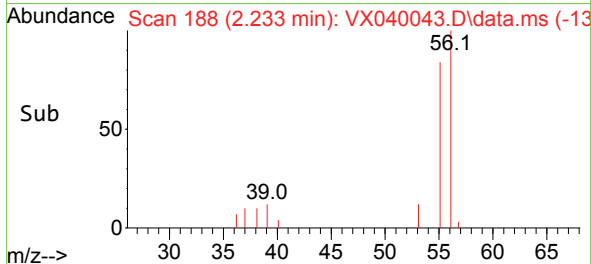
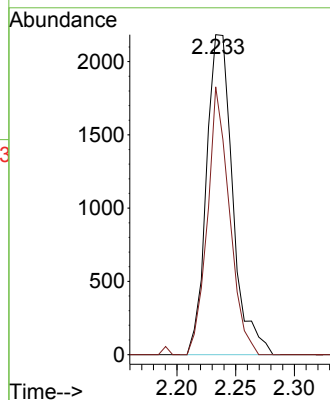
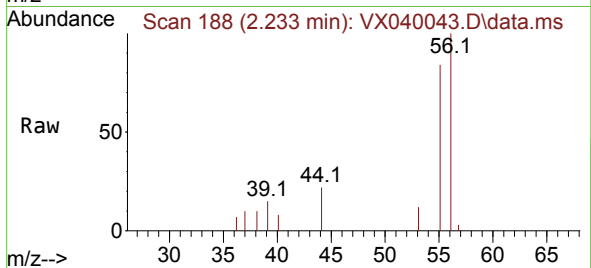
LOQ-WATER-02-QT1-2024

Tgt Ion: 56 Resp: 3382

Ion Ratio Lower Upper

56 100

55 70.3 57.1 85.7



#14

Allyl chloride

Concen: 2.523 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

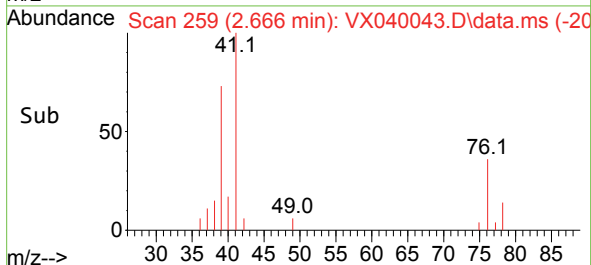
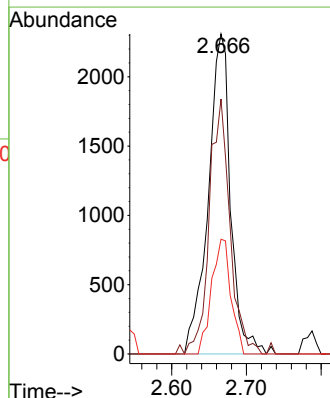
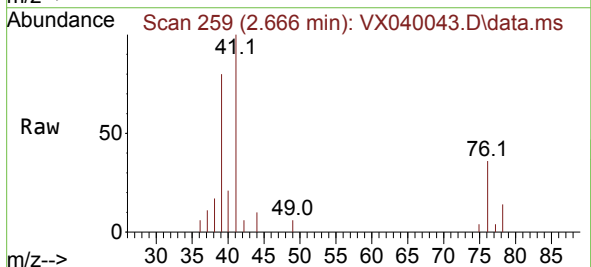
Tgt Ion: 41 Resp: 4823

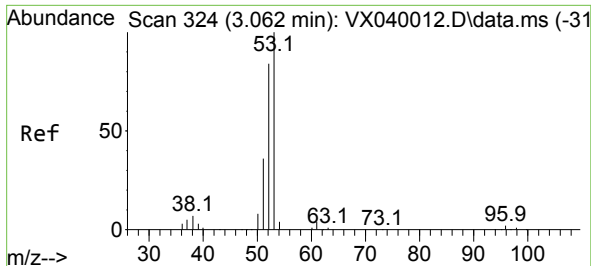
Ion Ratio Lower Upper

41 100

39 73.5 55.8 83.6

76 30.8 24.3 36.5





#15

Acrylonitrile

Concen: 13.046 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX040043.D

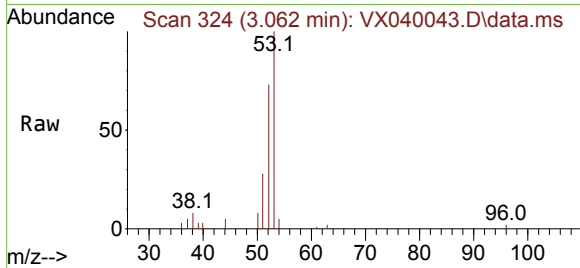
Acq: 31 Jan 2024 13:12

Instrument :

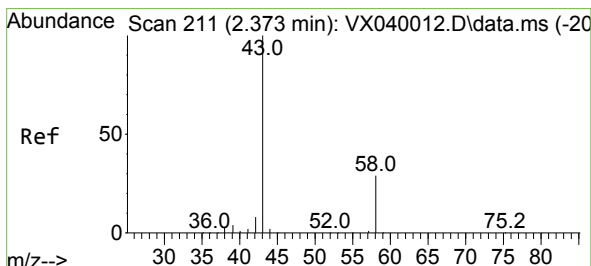
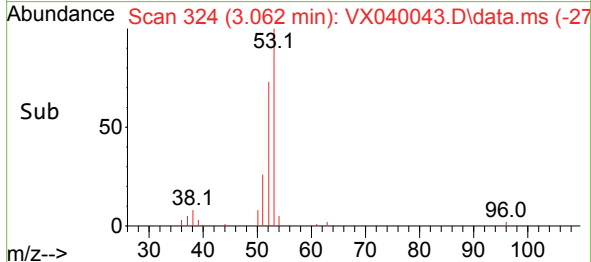
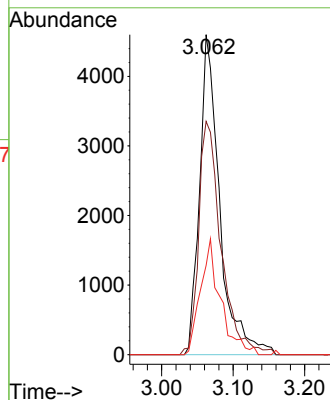
MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 53	Resp: 8997
Ion Ratio	Lower Upper
53	100
52	80.9 66.0 99.0
51	36.3 29.8 44.6



#16

Acetone

Concen: 12.847 ug/l

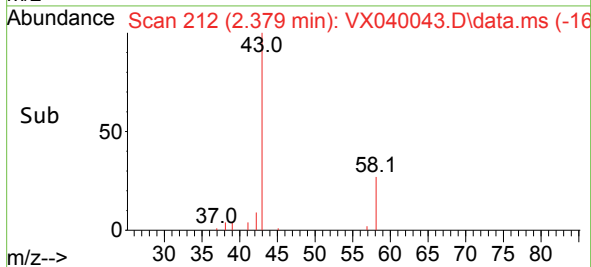
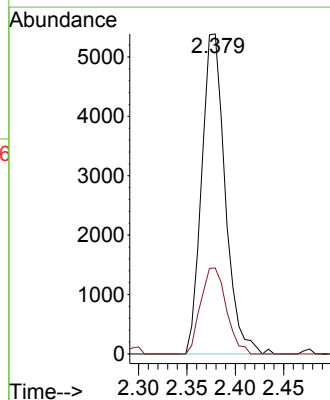
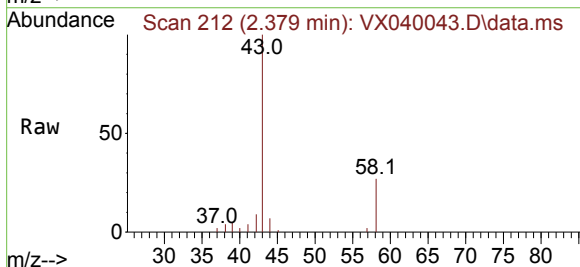
RT: 2.379 min Scan# 212

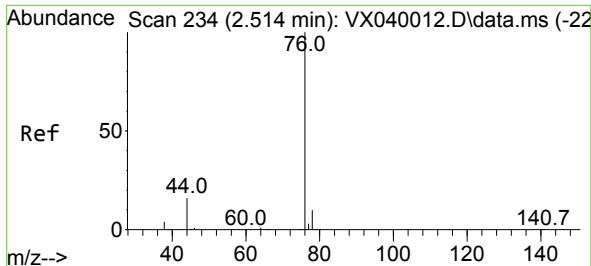
Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion: 43	Resp: 9133
Ion Ratio	Lower Upper
43	100
58	26.9 21.9 32.9





#17

Carbon Disulfide

Concen: 2.360 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

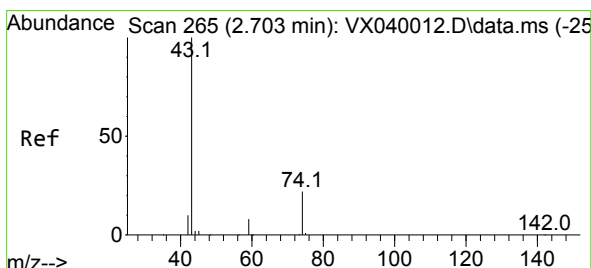
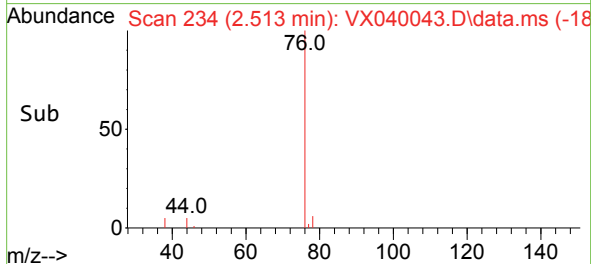
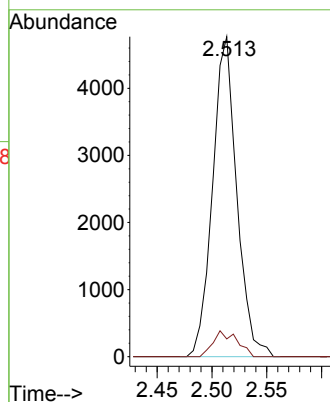
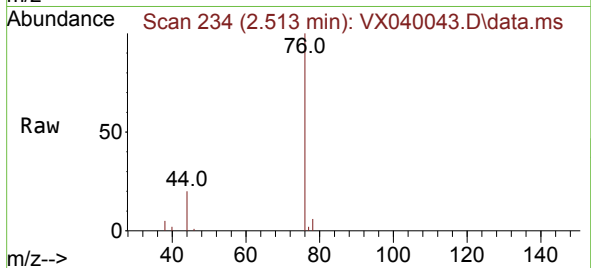
LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 7316

Ion Ratio Lower Upper

76 100

78 5.5 7.0 10.6#



#18

Methyl Acetate

Concen: 2.624 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040043.D

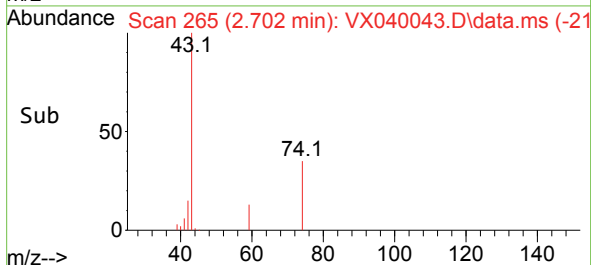
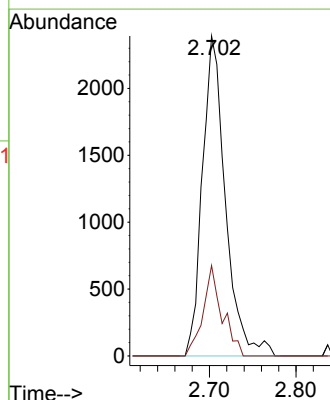
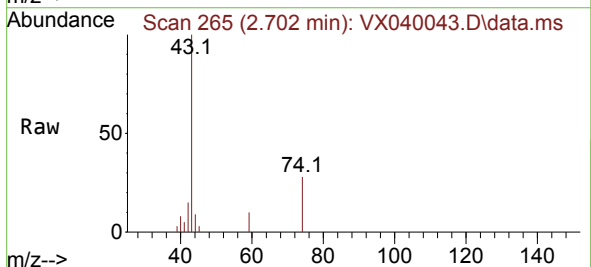
Acq: 31 Jan 2024 13:12

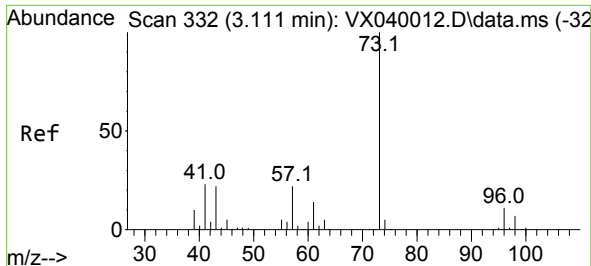
Tgt Ion: 43 Resp: 4420

Ion Ratio Lower Upper

43 100

74 23.4 17.8 26.8

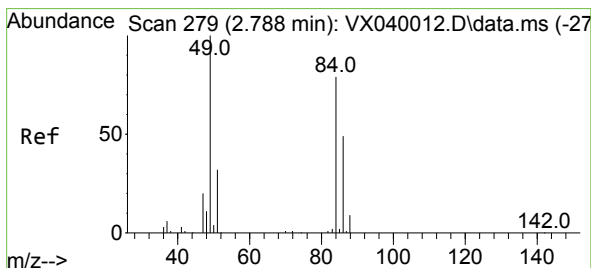
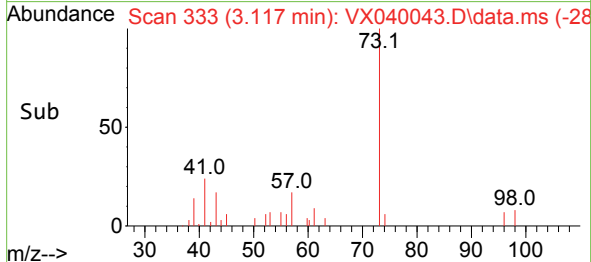
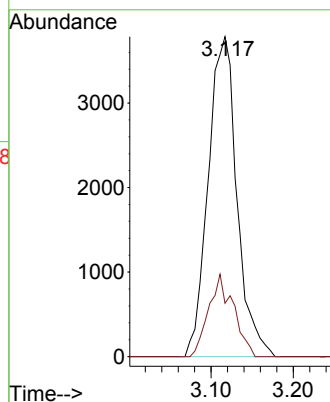
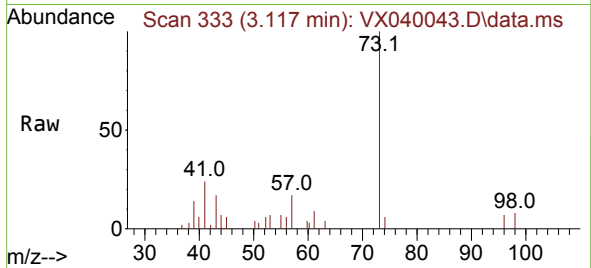




#19
Methyl tert-butyl Ether
Concen: 2.529 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

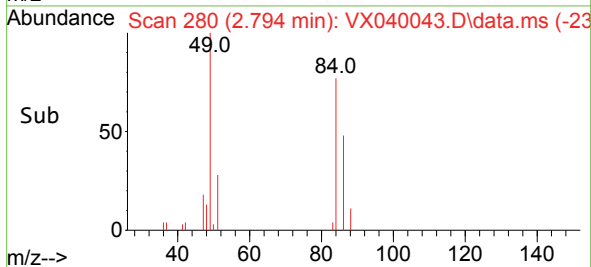
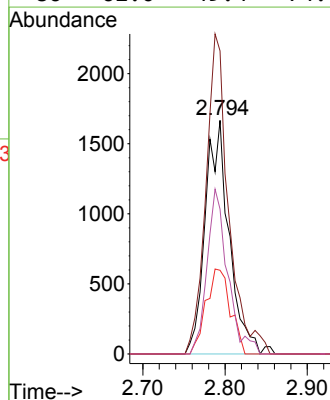
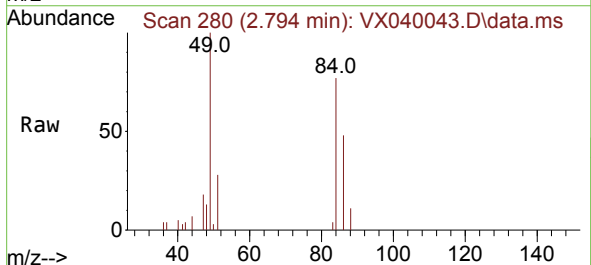
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

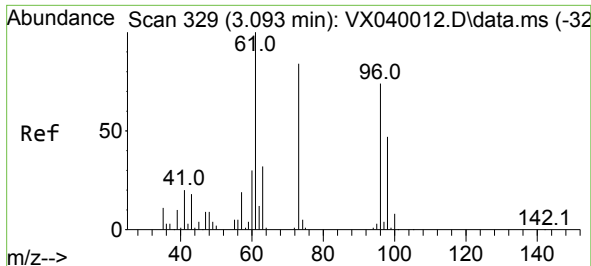
Tgt Ion: 73 Resp: 9186
Ion Ratio Lower Upper
73 100
57 16.7 17.3 25.9#



#20
Methylene Chloride
Concen: 2.672 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 84 Resp: 3376
Ion Ratio Lower Upper
84 100
49 129.7 103.6 155.4
51 35.8 33.8 50.6
86 62.0 49.4 74.0

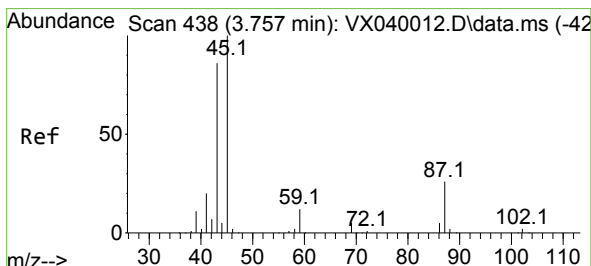
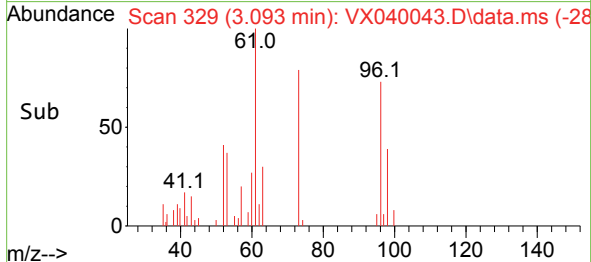
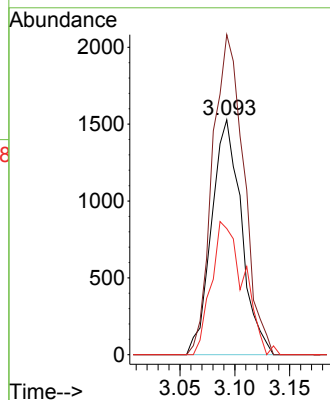
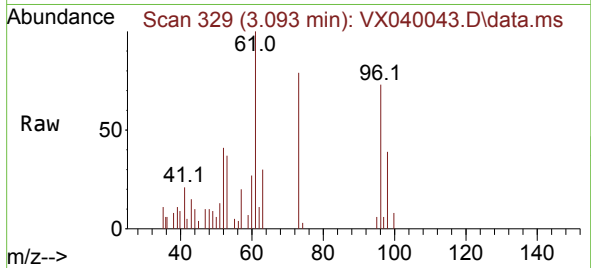




#21
trans-1,2-Dichloroethene
Concen: 2.474 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

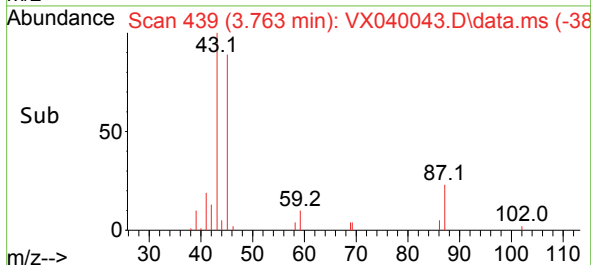
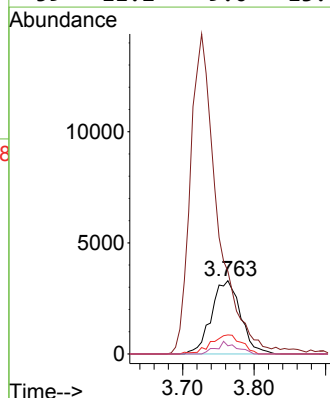
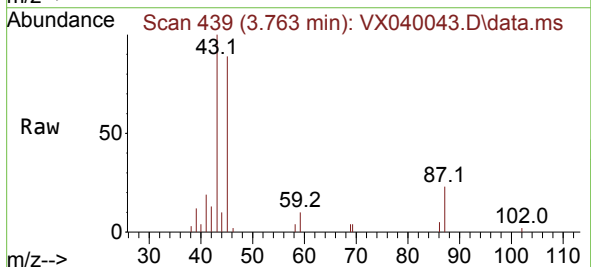
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

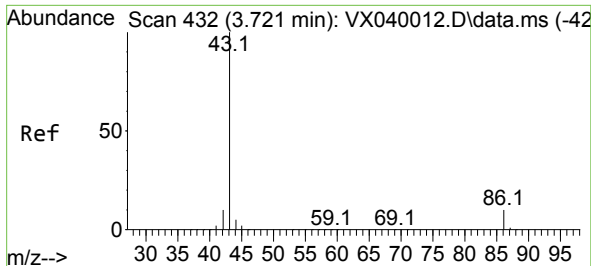
Tgt Ion: 96 Resp: 2889
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 53.7 48.7 73.1



#22
Diisopropyl ether
Concen: 2.522 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 45 Resp: 9337
Ion Ratio Lower Upper
45 100
43 106.8 69.7 104.5#
87 26.1 20.8 31.2
59 11.2 9.0 13.4

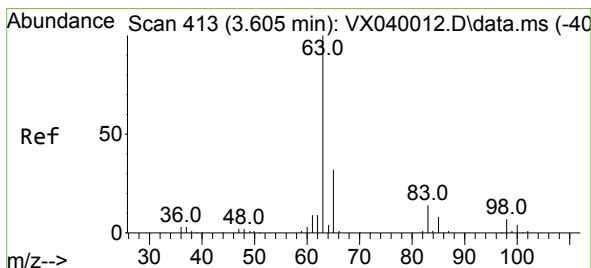
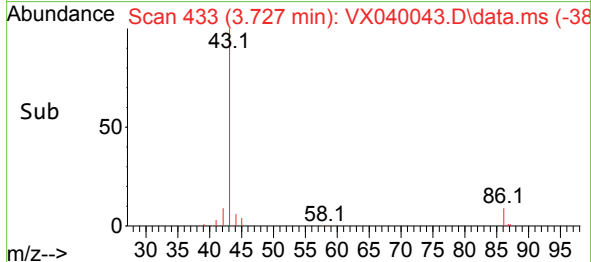
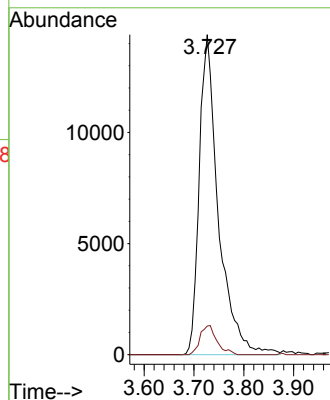
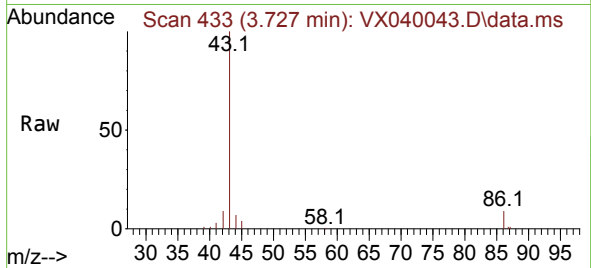




#23
 Vinyl Acetate
 Concen: 11.600 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

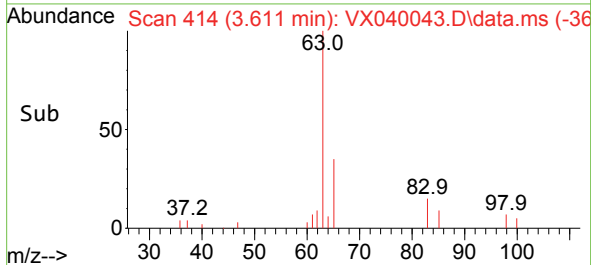
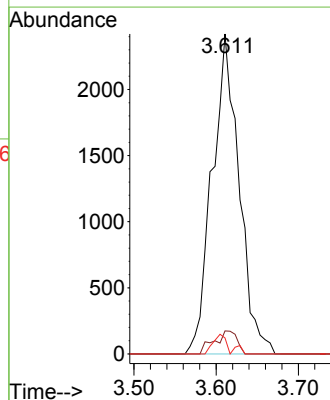
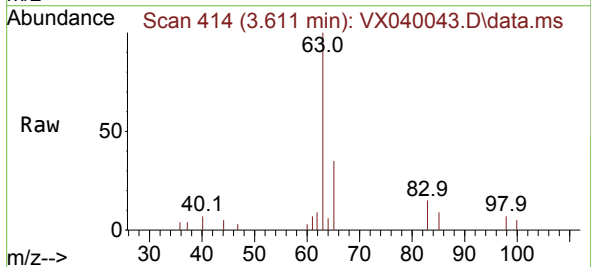
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

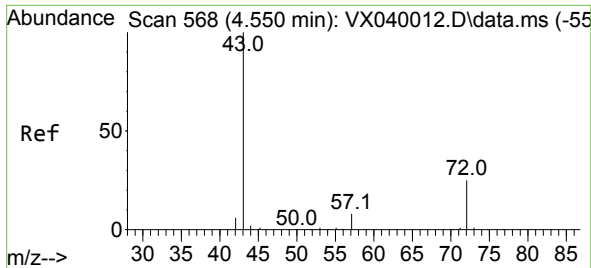
Tgt Ion: 43 Resp: 38435
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 2.599 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

Tgt Ion: 63 Resp: 5512
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 5.0 2.1 6.5

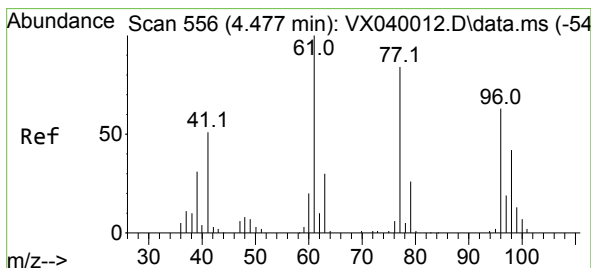
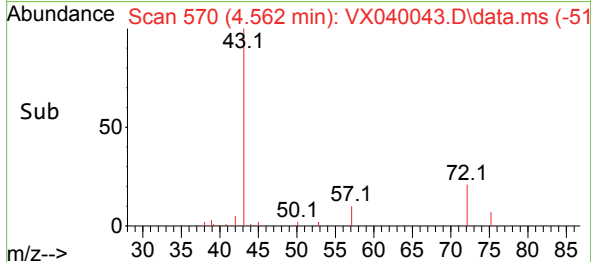
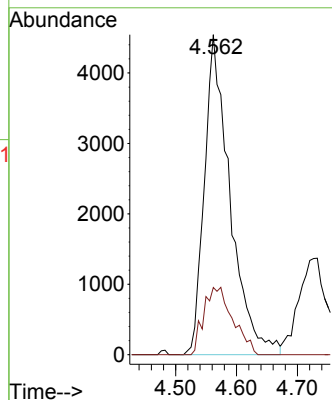
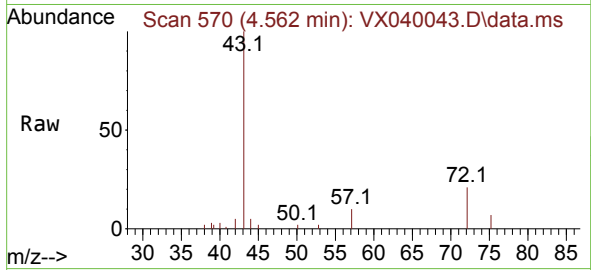




#25
2-Butanone
Concen: 13.443 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

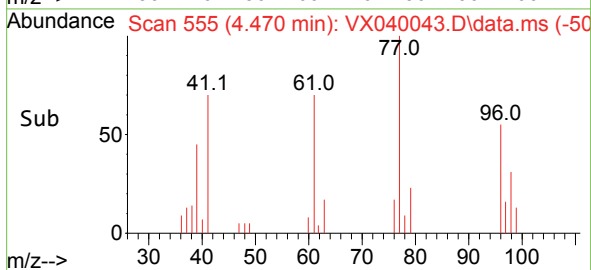
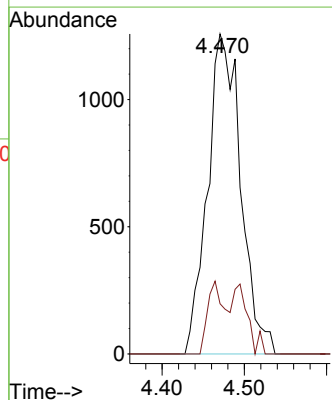
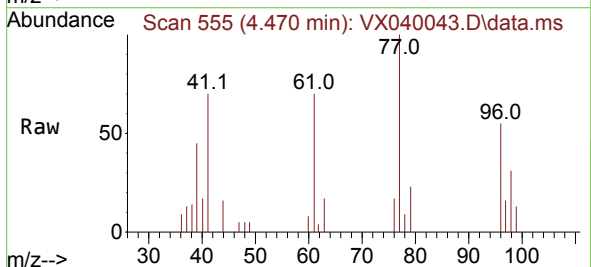
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

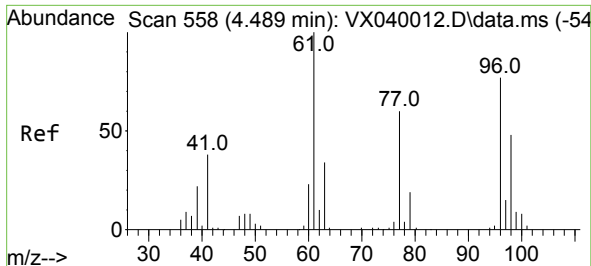
Tgt Ion: 43 Resp: 13285
Ion Ratio Lower Upper
43 100
72 21.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 2.130 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 77 Resp: 3525
Ion Ratio Lower Upper
77 100
97 12.1 10.8 32.3

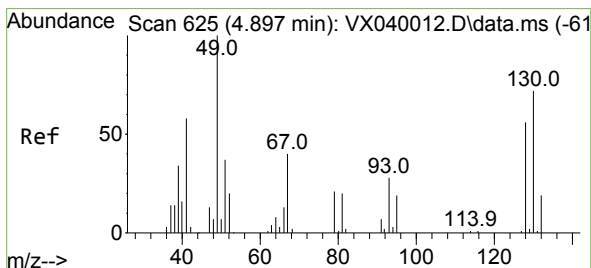
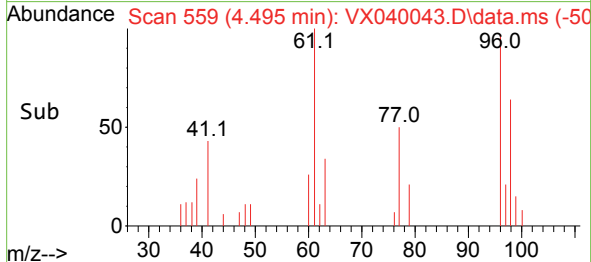
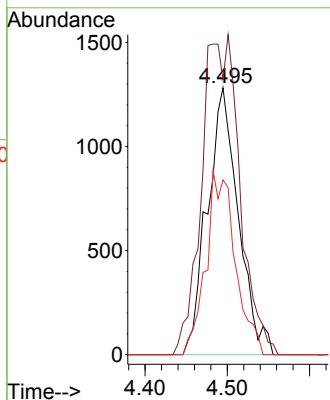
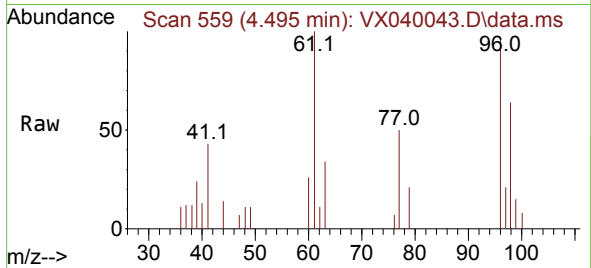




#27
 cis-1,2-Dichloroethene
 Concen: 2.585 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

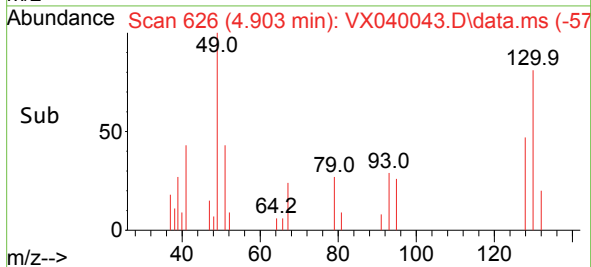
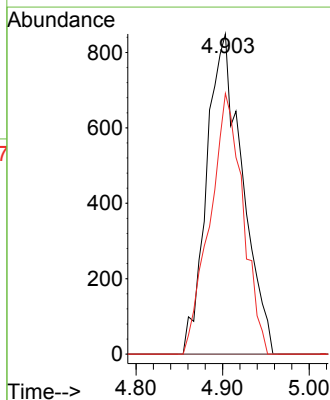
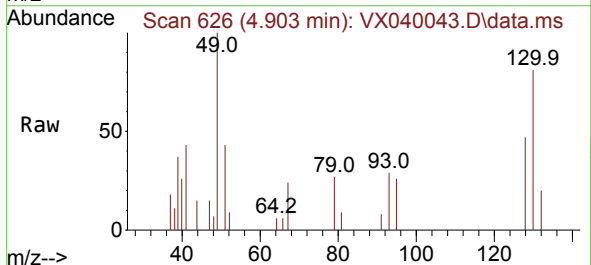
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

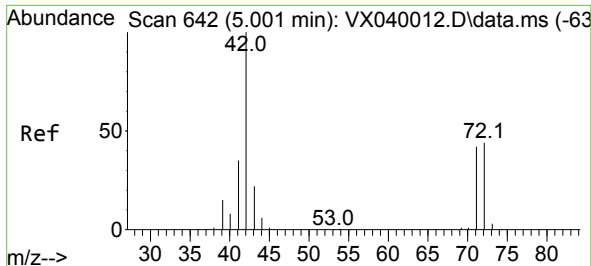
Tgt Ion: 96 Resp: 3368
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 312.2
 98 64.6 0.0 129.0



#28
 Bromochloromethane
 Concen: 2.451 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

Tgt Ion: 49 Resp: 2424
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 75.5 57.5 86.3

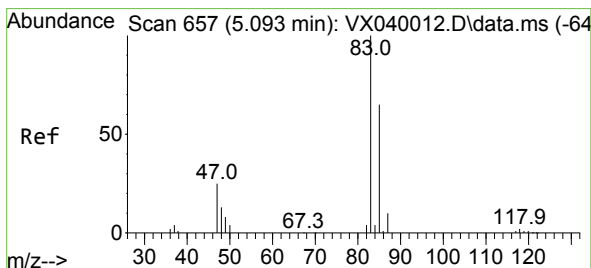
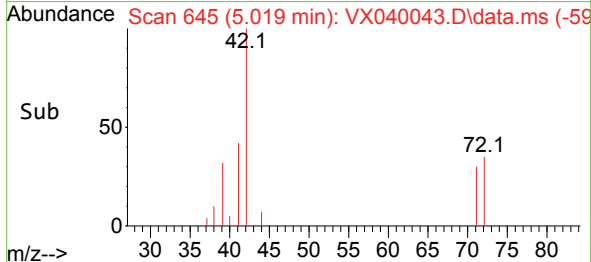
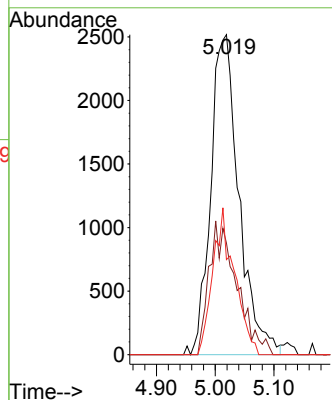
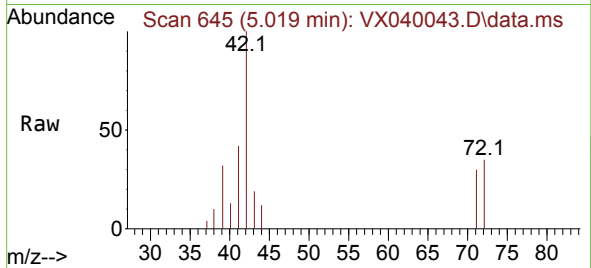




#29
Tetrahydrofuran
Concen: 13.370 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

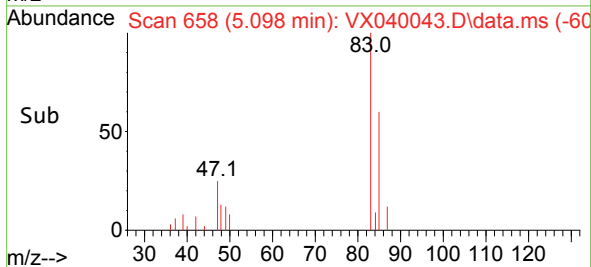
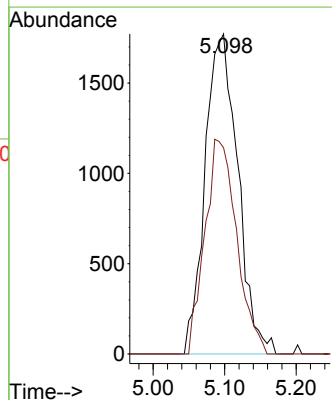
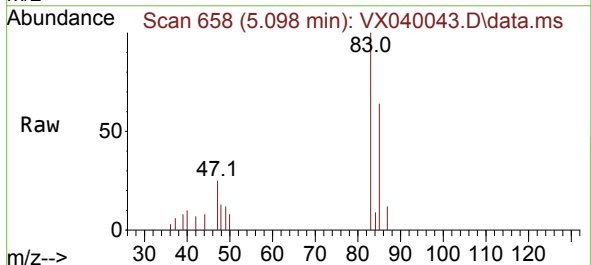
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

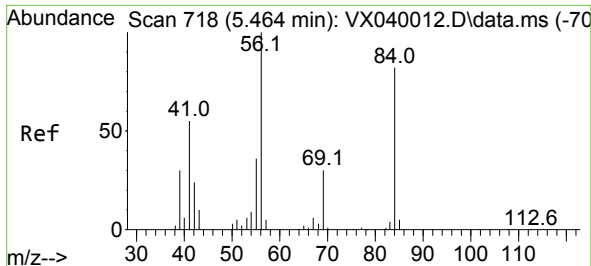
Tgt Ion: 42 Resp: 8401
Ion Ratio Lower Upper
42 100
72 40.7 34.2 51.4
71 35.4 32.2 48.2



#30
Chloroform
Concen: 2.474 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 83 Resp: 5634
Ion Ratio Lower Upper
83 100
85 64.4 50.3 75.5

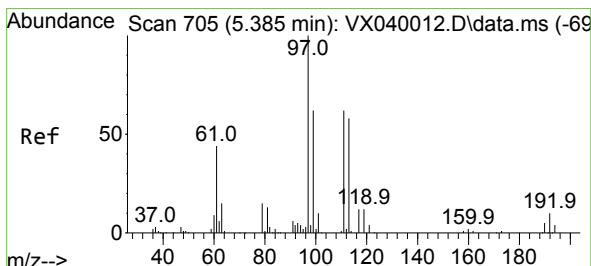
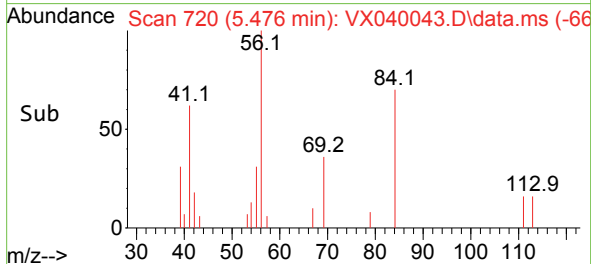
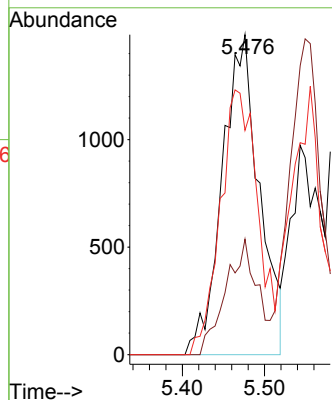
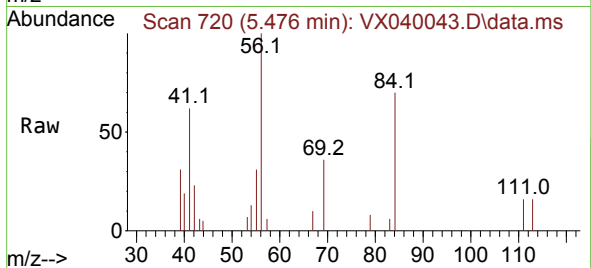




#31
Cyclohexane
Concen: 2.442 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

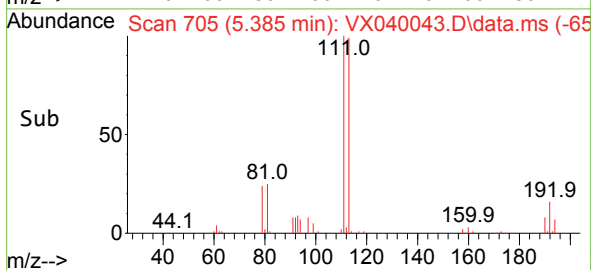
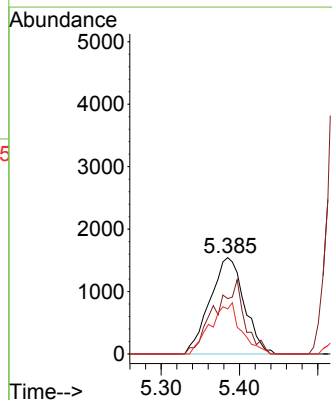
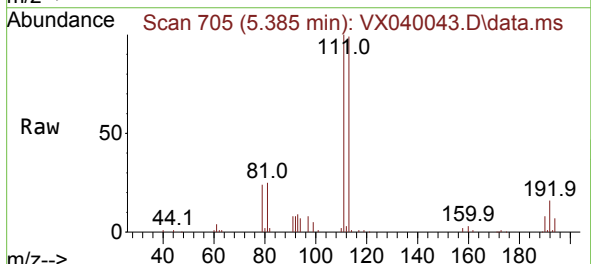
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

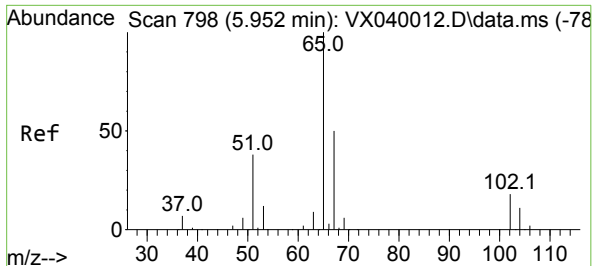
Tgt Ion: 56 Resp: 4642
Ion Ratio Lower Upper
56 100
69 36.1 23.4 35.2#
84 70.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 2.398 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 97 Resp: 4686
Ion Ratio Lower Upper
97 100
99 67.2 51.1 76.7
61 47.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.861 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

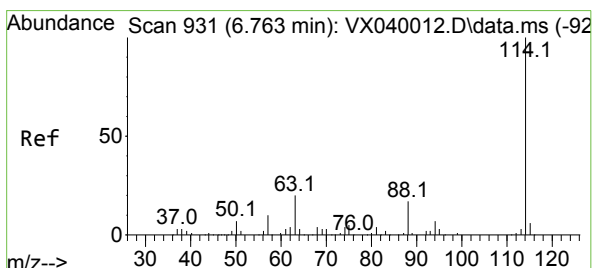
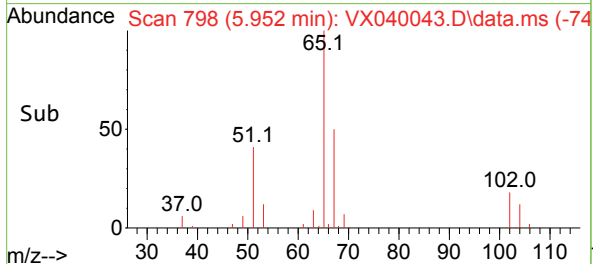
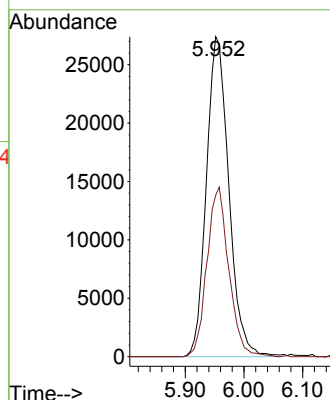
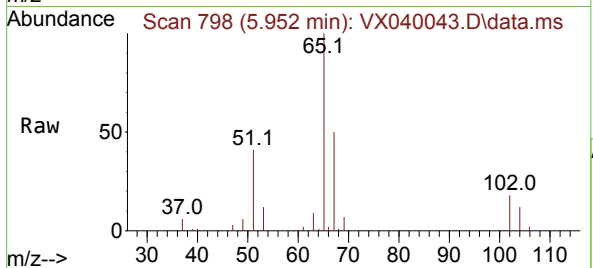
LOQ-WATER-02-QT1-2024

Tgt Ion: 65 Resp: 72619

Ion Ratio Lower Upper

65 100

67 51.6 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: VX040043.D

Acq: 31 Jan 2024 13:12

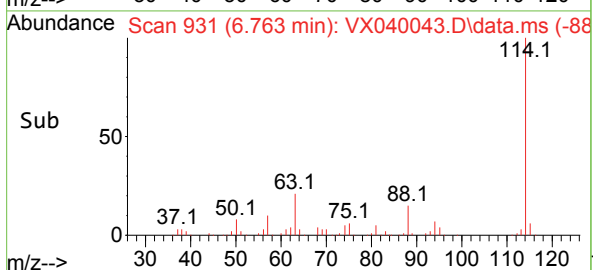
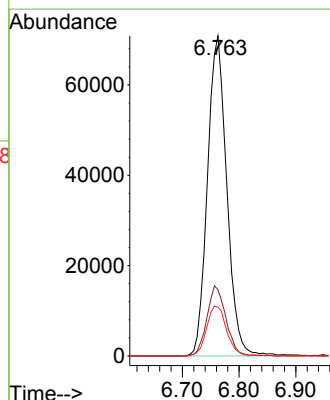
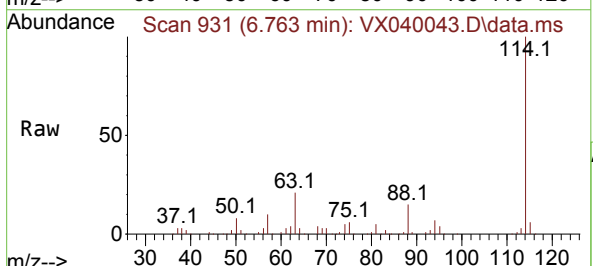
Tgt Ion: 114 Resp: 167984

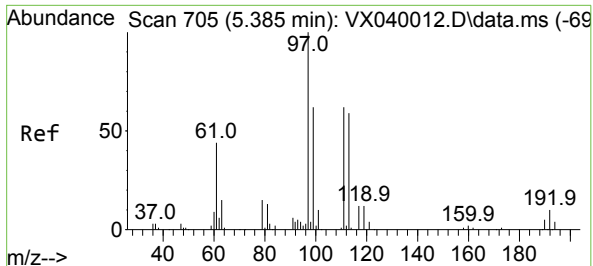
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.2 0.0 36.6

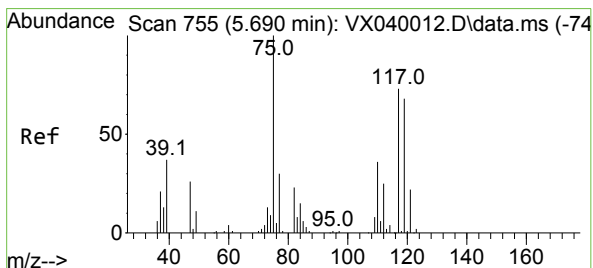
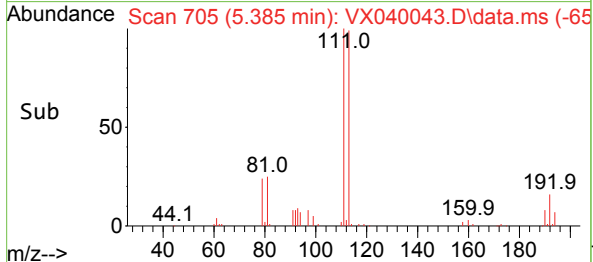
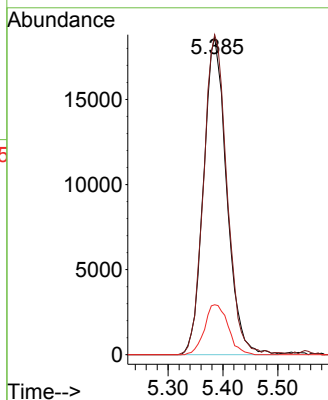
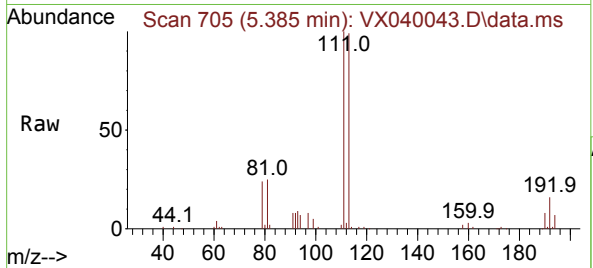




#35
Dibromofluoromethane
Concen: 47.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

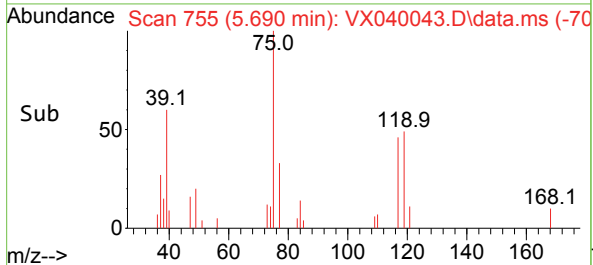
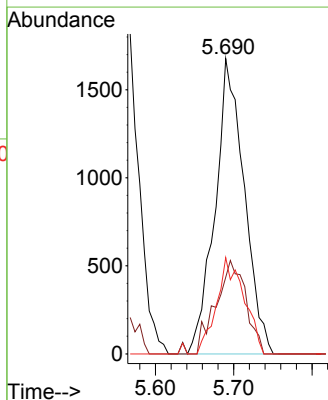
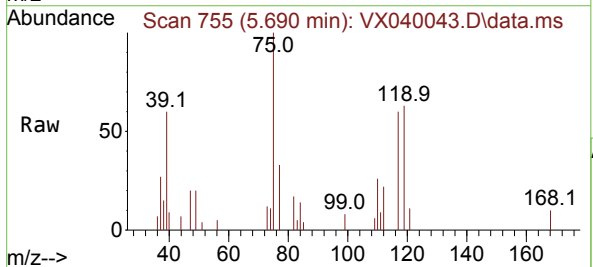
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

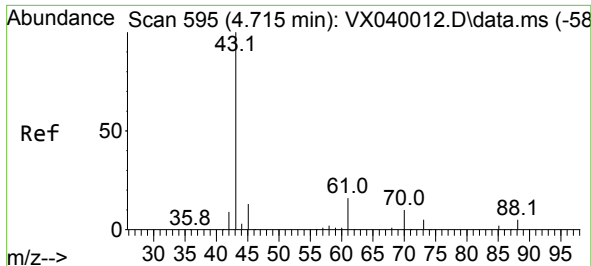
Tgt Ion:	113	Resp:	54569
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	16.1	13.3	19.9



#36
1,1-Dichloropropene
Concen: 2.642 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion:	75	Resp:	4370
Ion	Ratio	Lower	Upper
75	100		
110	32.2	17.0	50.9
77	30.7	24.7	37.1





#37

Ethyl Acetate

Concen: 2.076 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.018 min

Lab File: VX040043.D

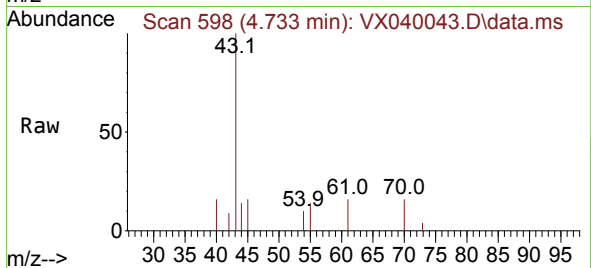
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



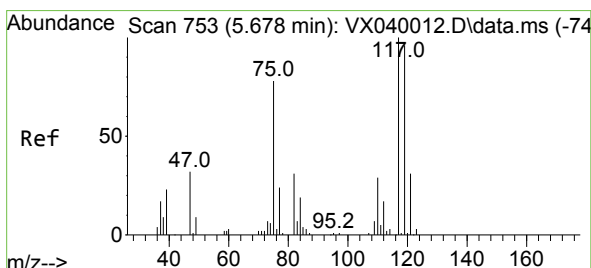
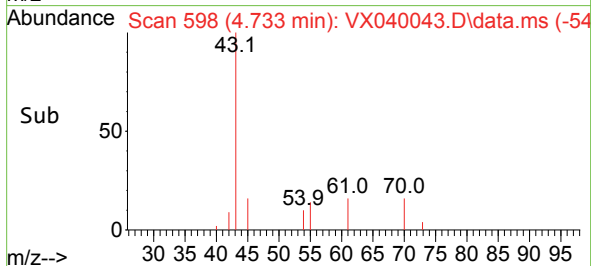
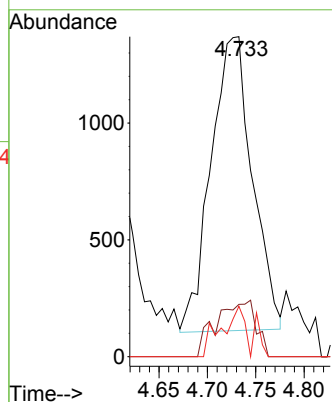
Tgt Ion: 43 Resp: 3749

Ion Ratio Lower Upper

43 100

61 18.2 10.6 16.0#

70 9.6 8.3 12.5



#38

Carbon Tetrachloride

Concen: 2.216 ug/l

RT: 5.671 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

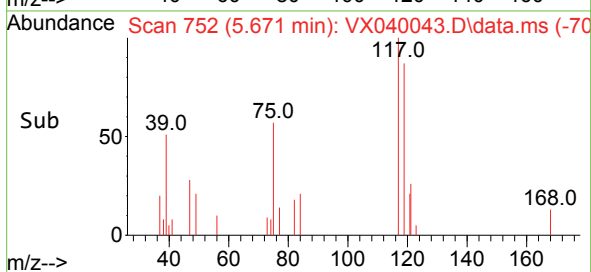
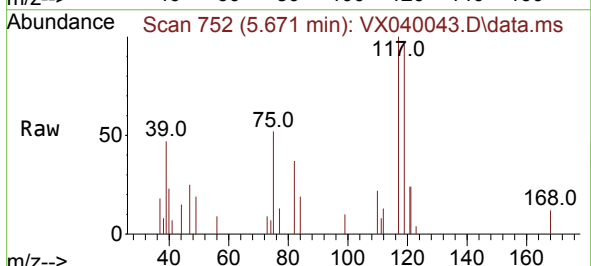
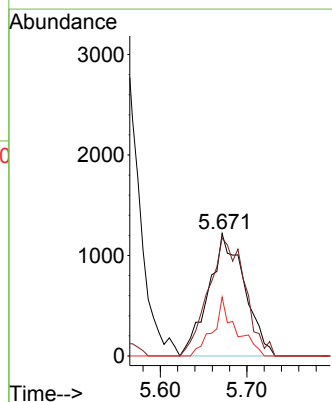
Tgt Ion: 117 Resp: 3507

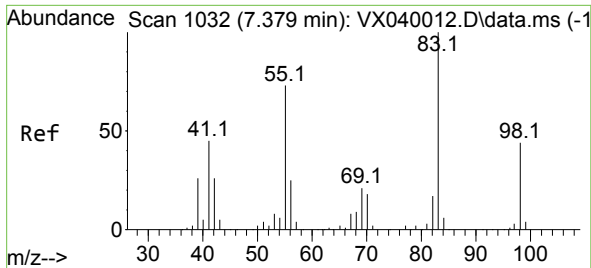
Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.2

121 48.1 24.4 36.6#

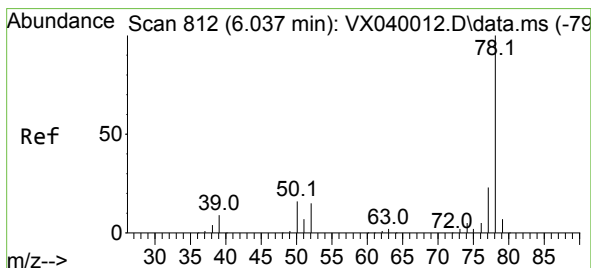
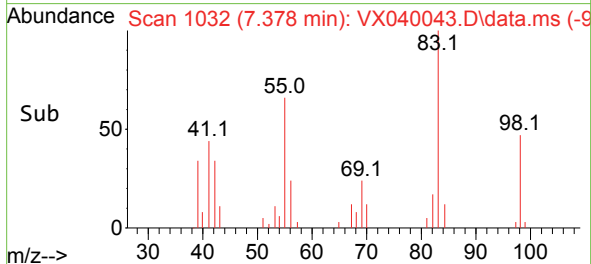
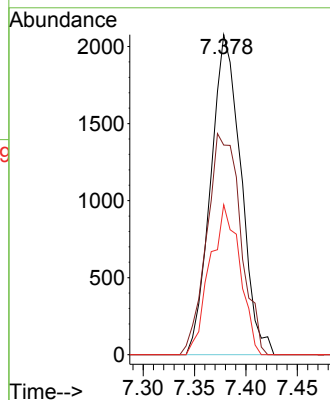
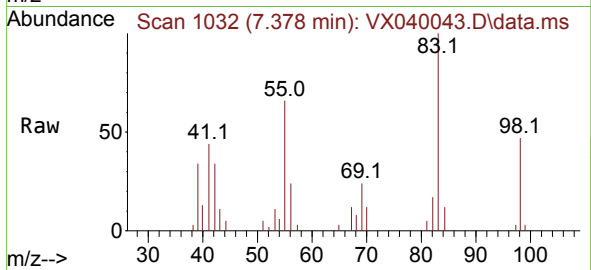




#39
Methylcyclohexane
Concen: 2.107 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

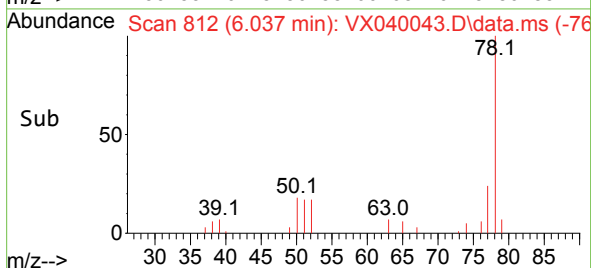
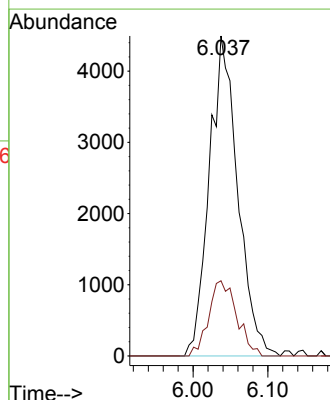
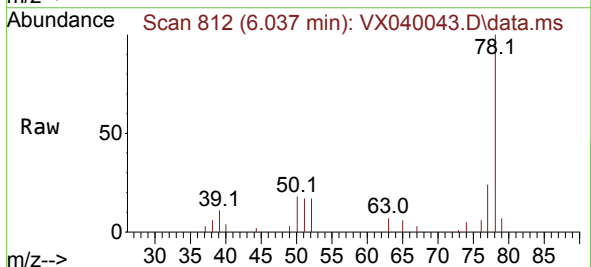
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

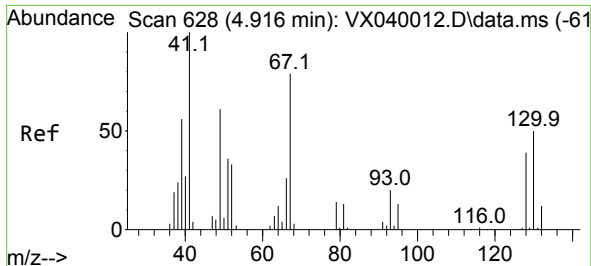
Tgt Ion: 83 Resp: 4239
Ion Ratio Lower Upper
83 100
55 65.5 64.6 97.0
98 46.8 36.7 55.1



#40
Benzene
Concen: 2.473 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

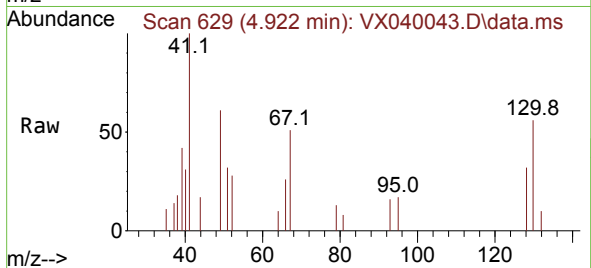
Tgt Ion: 78 Resp: 11914
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



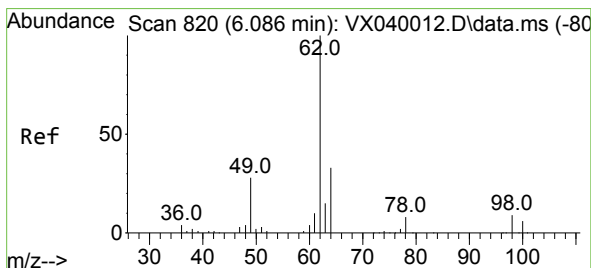
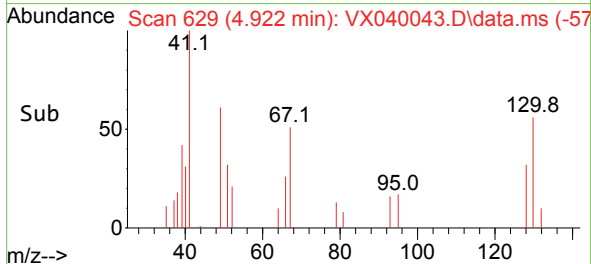
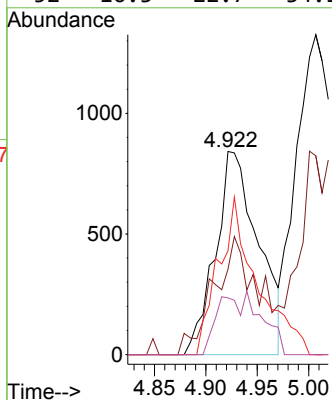


#41
Methacrylonitrile
Concen: 2.668 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

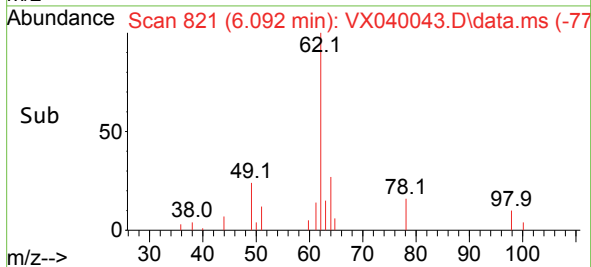
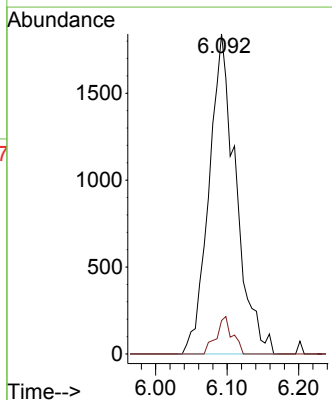
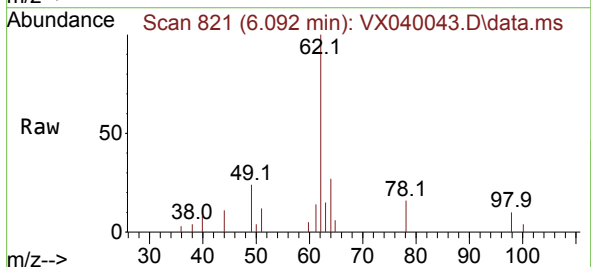


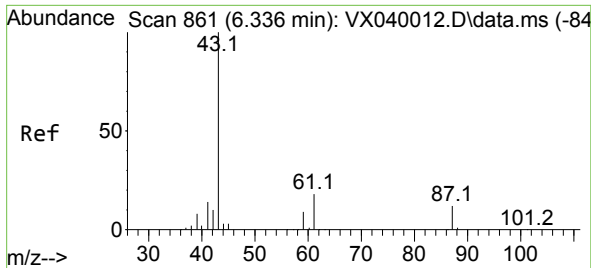
Tgt Ion:	41	Resp:	2444
Ion	Ratio	Lower	Upper
41	100		
39	62.9	45.2	67.8
67	70.0	52.6	78.8
52	16.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 2.598 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion:	62	Resp:	4818
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 2.327 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

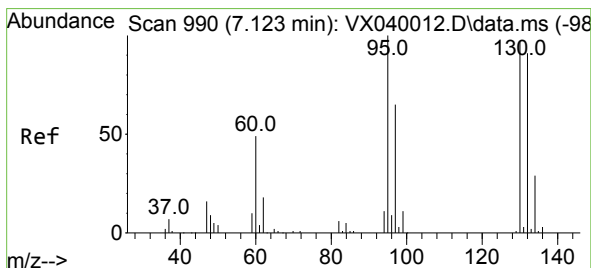
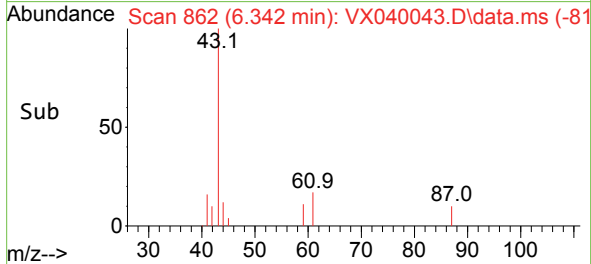
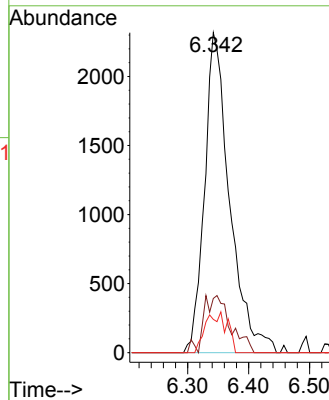
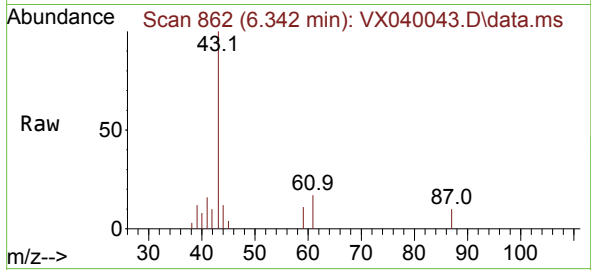
Tgt Ion: 43 Resp: 6629

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 10.9 9.8 14.6



#44

Trichloroethene

Concen: 2.468 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040043.D

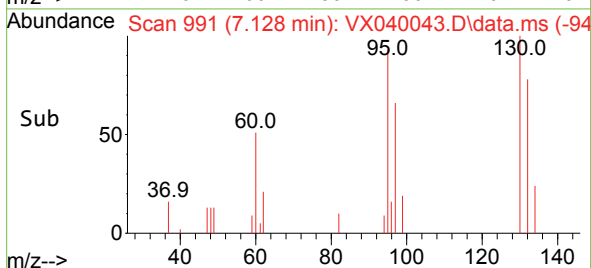
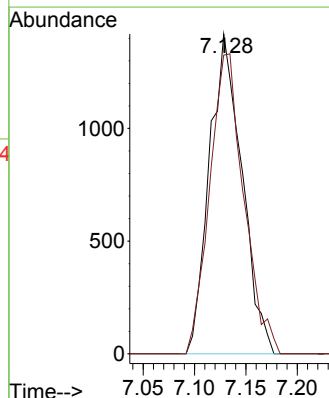
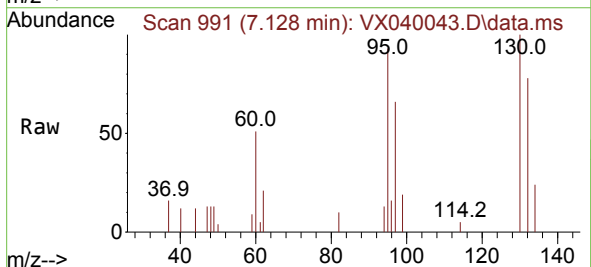
Acq: 31 Jan 2024 13:12

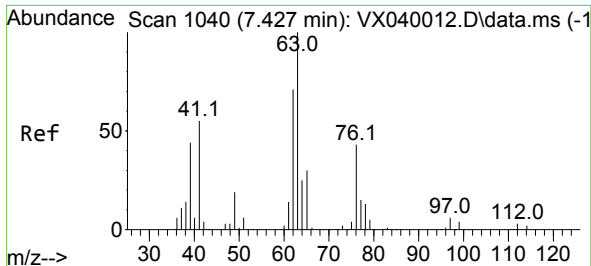
Tgt Ion:130 Resp: 3129

Ion Ratio Lower Upper

130 100

95 93.4 0.0 204.4

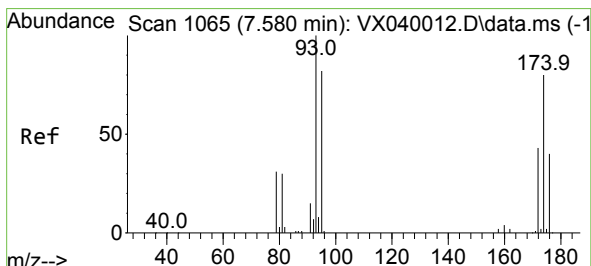
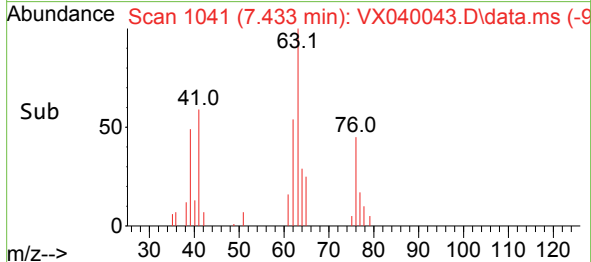
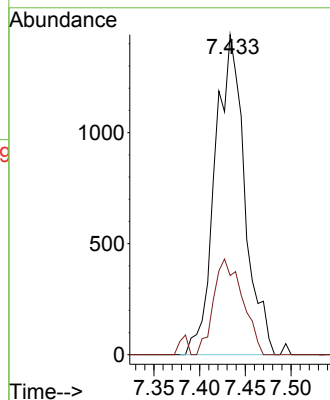
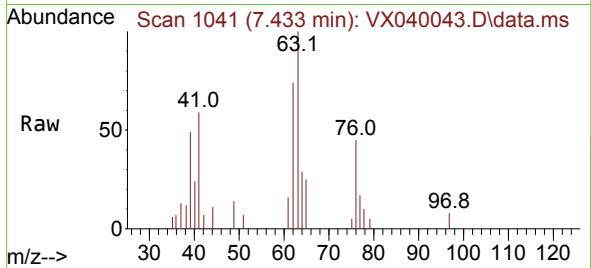




#45
1,2-Dichloropropane
Concen: 2.558 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

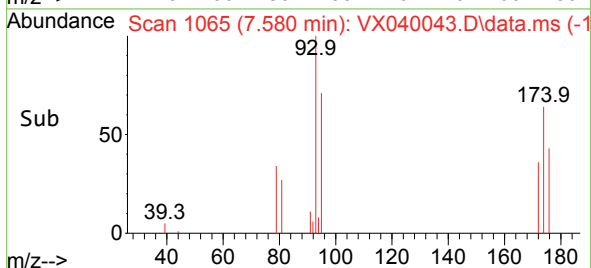
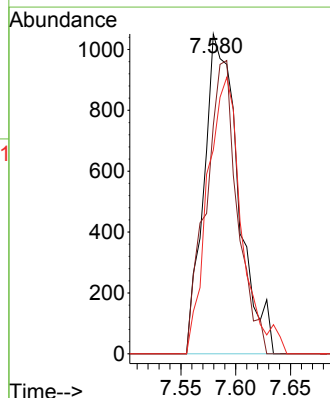
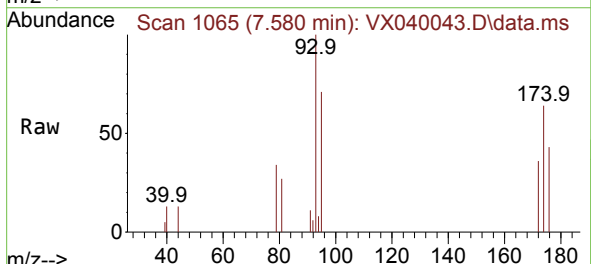
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

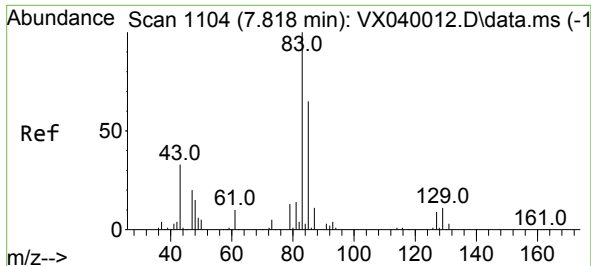
Tgt Ion: 63 Resp: 3253
Ion Ratio Lower Upper
63 100
65 24.8 24.3 36.5



#46
Dibromomethane
Concen: 2.405 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 93 Resp: 2296
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 85.4 69.4 104.0

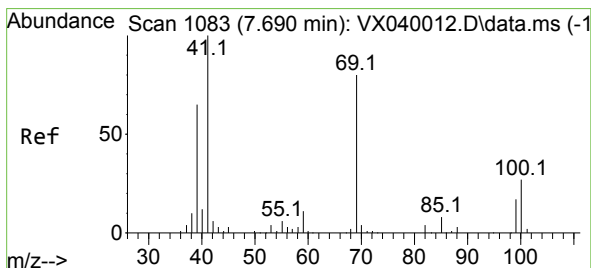
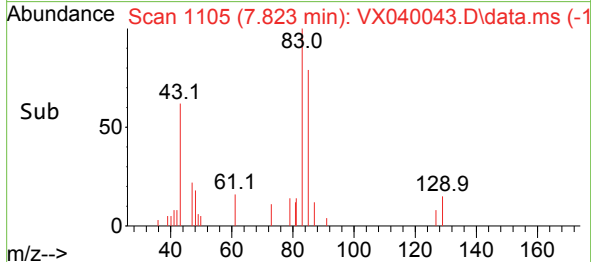
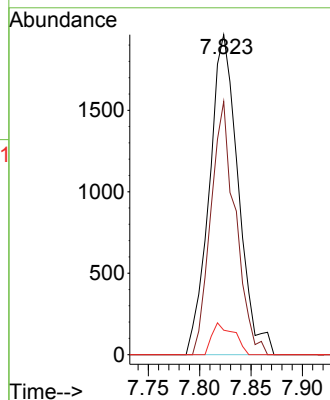
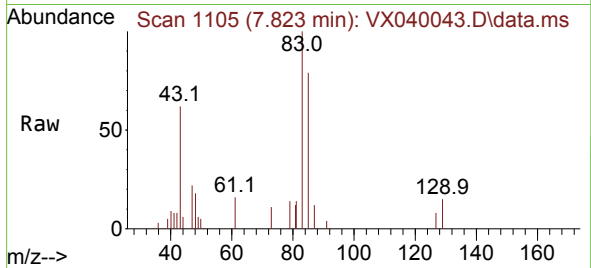




#47
Bromodichloromethane
Concen: 2.260 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

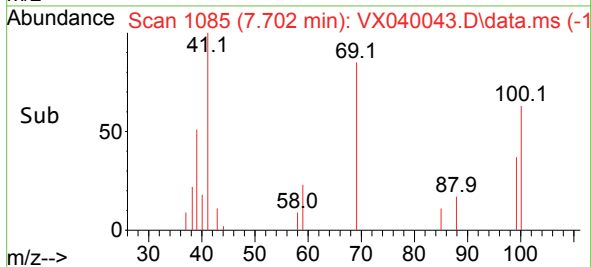
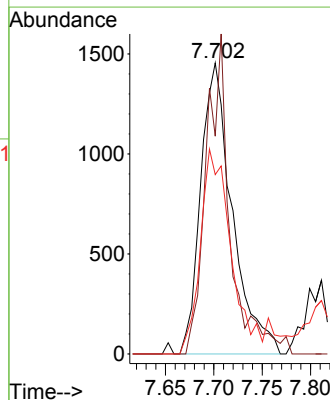
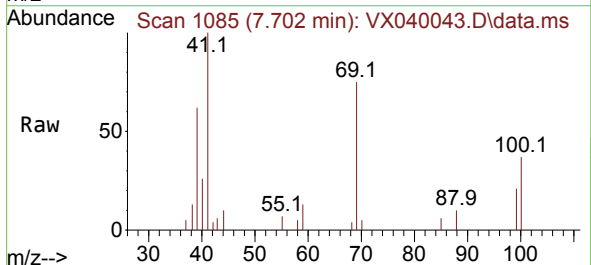
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

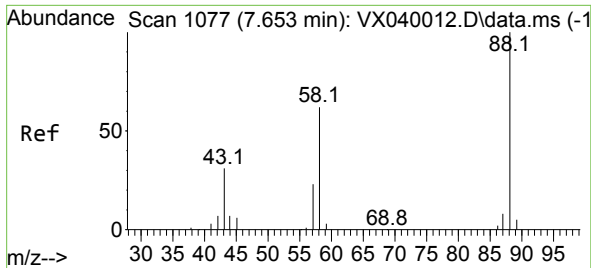
Tgt Ion: 83 Resp: 3843
Ion Ratio Lower Upper
83 100
85 79.1 49.8 74.6#
127 7.6 7.1 10.7



#48
Methyl methacrylate
Concen: 2.357 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 41 Resp: 3307
Ion Ratio Lower Upper
41 100
69 83.5 59.2 88.8
39 67.6 47.7 71.5

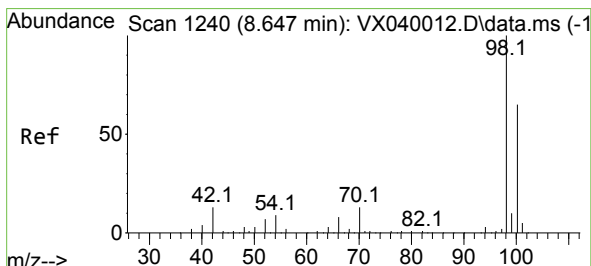
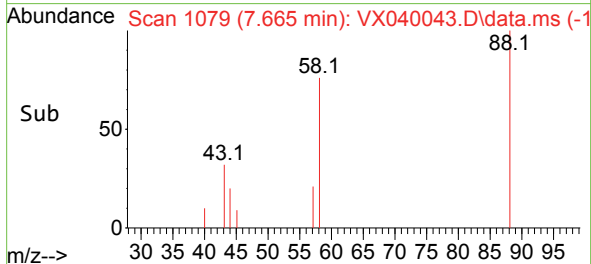
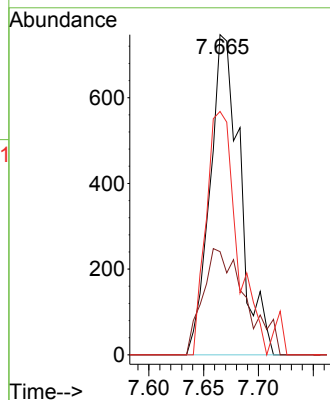
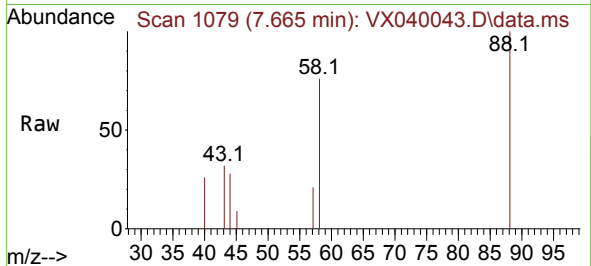




#49
1,4-Dioxane
Concen: 46.934 ug/l
RT: 7.665 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

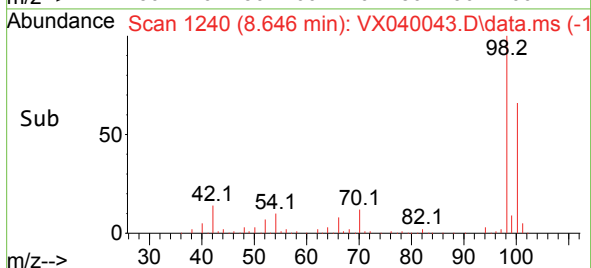
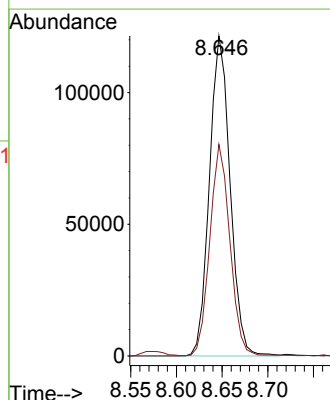
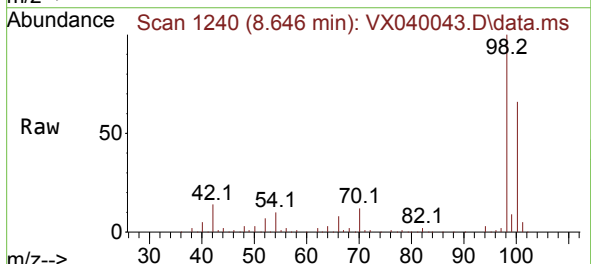
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

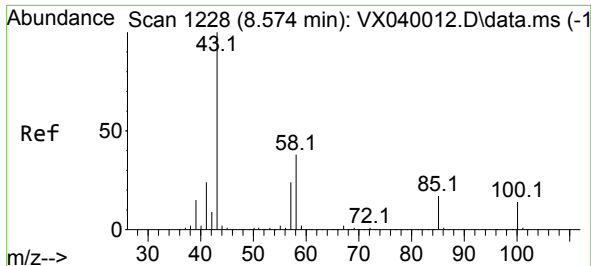
Tgt Ion: 88 Resp: 1431
Ion Ratio Lower Upper
88 100
43 47.2 0.0 0.0#
58 77.6 60.1 90.1



#50
Toluene-d8
Concen: 44.707 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 98 Resp: 191187
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

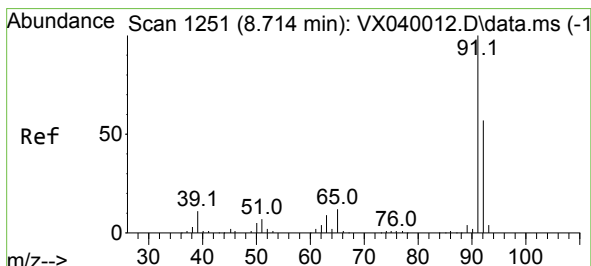
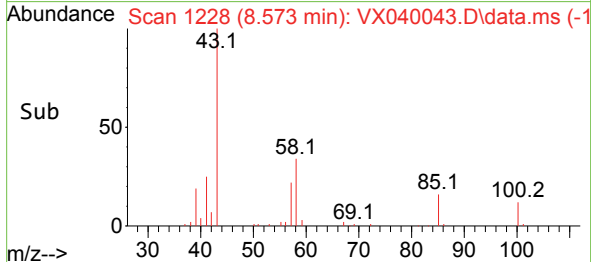
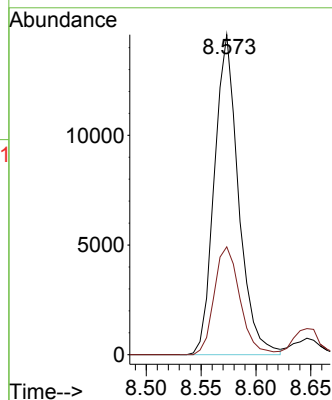
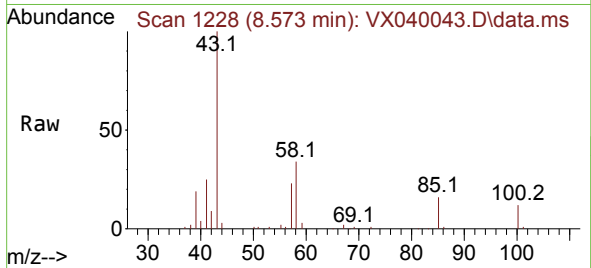




#51
4-Methyl-2-Pentanone
Concen: 11.505 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

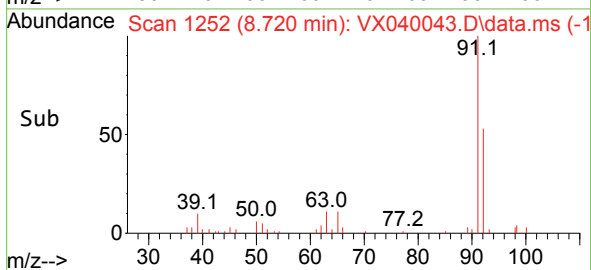
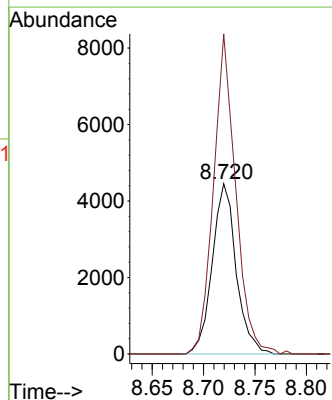
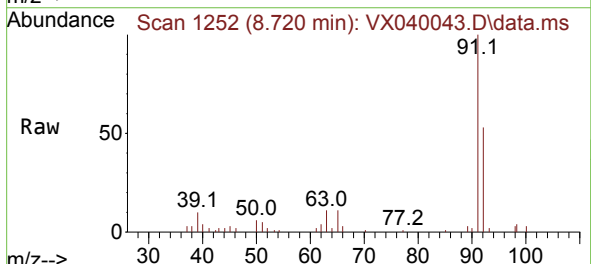
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

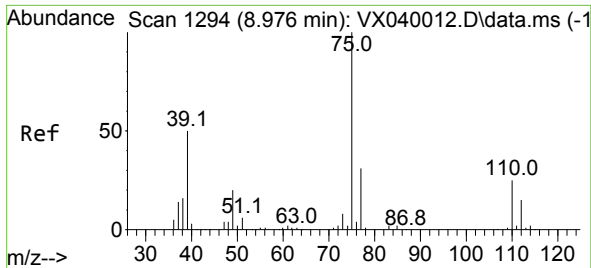
Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.9	30.4	45.6



#52
Toluene
Concen: 2.401 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.3	134.2	201.2

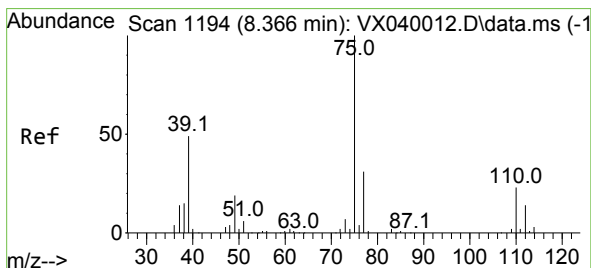
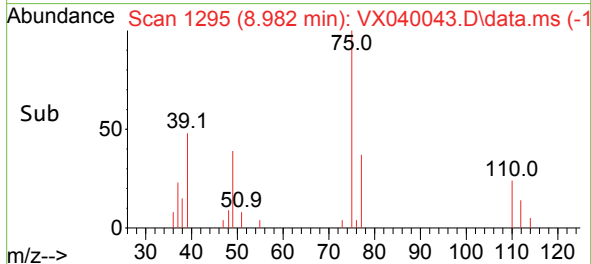
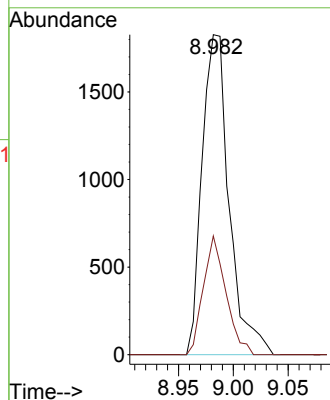
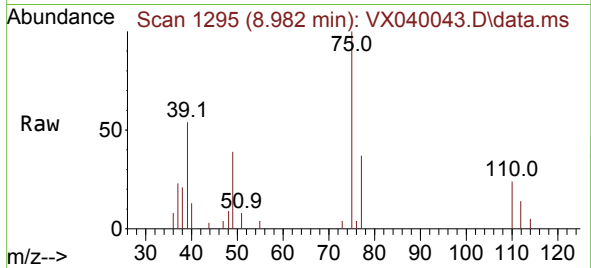




#53
 t-1,3-Dichloropropene
 Concen: 1.781 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

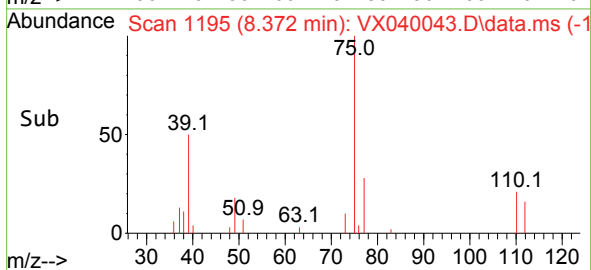
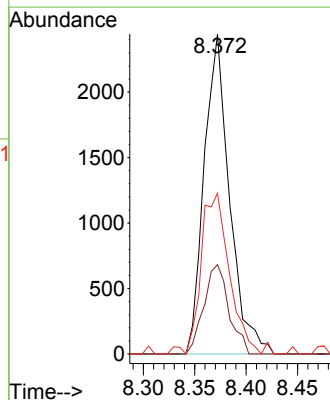
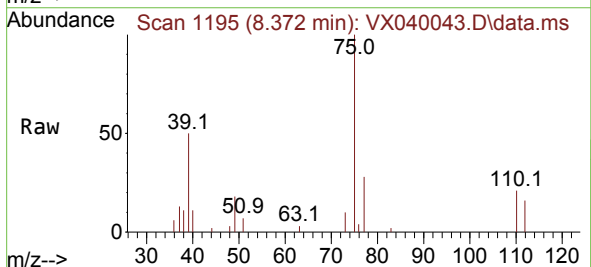
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

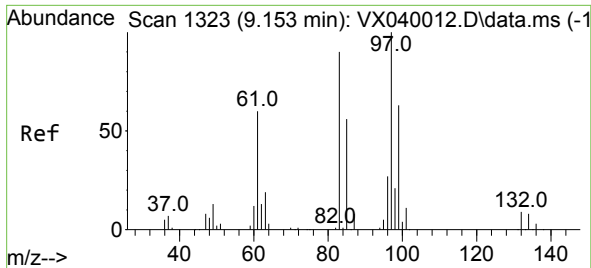
Tgt Ion: 75 Resp: 3140
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.231 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

Tgt Ion: 75 Resp: 4198
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.3 37.9
 39 50.2 46.7 70.1

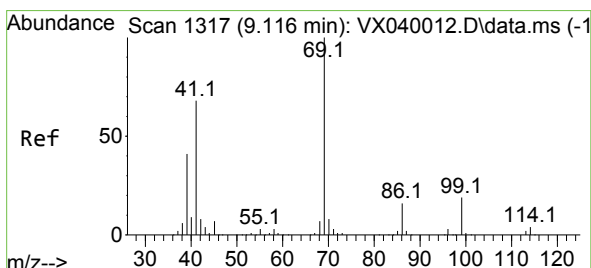
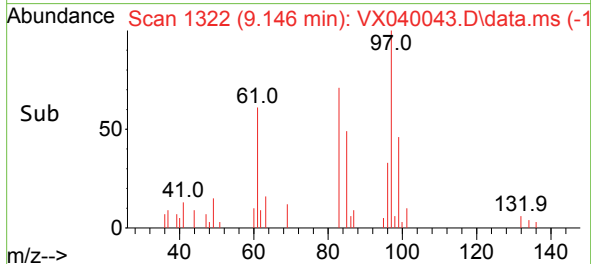
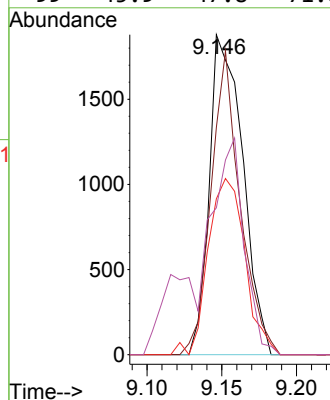
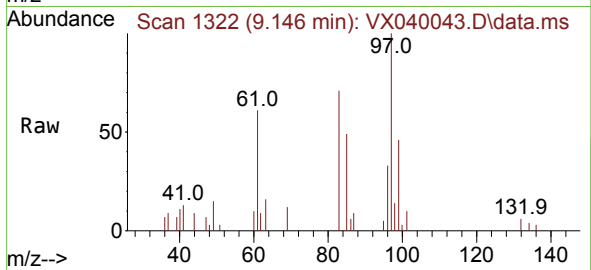




#55
1,1,2-Trichloroethane
Concen: 2.344 ug/l
RT: 9.146 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

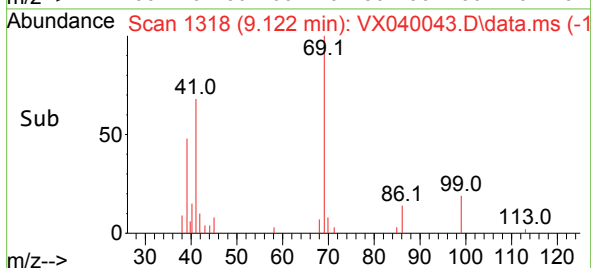
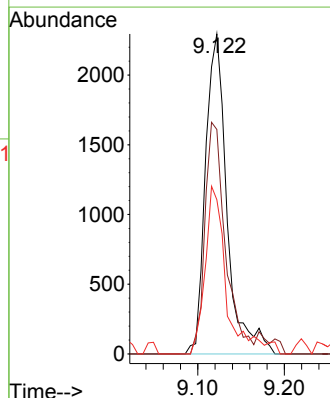
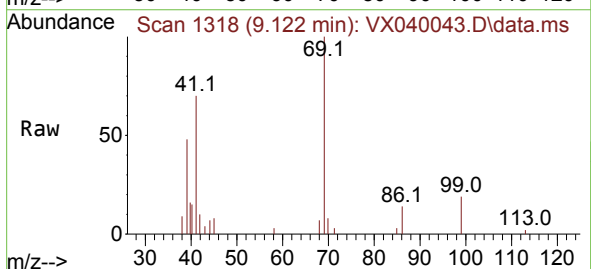
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

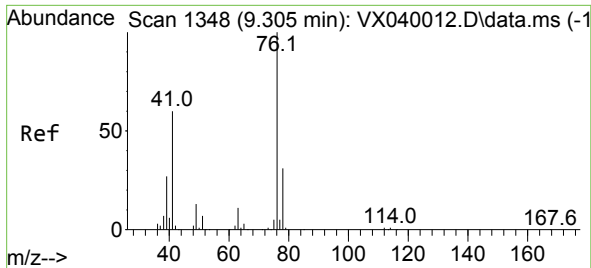
Tgt Ion: 97	Resp: 2913
Ion Ratio	Lower Upper
97 100	
83 71.0	65.8 98.8
85 48.7	41.6 62.4
99 45.9	47.8 71.8#



#56
Ethyl methacrylate
Concen: 2.181 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 69	Resp: 3957
Ion Ratio	Lower Upper
69 100	
41 69.3	56.8 85.2
39 51.8	32.0 48.0#





#57

1,3-Dichloropropane

Concen: 2.385 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

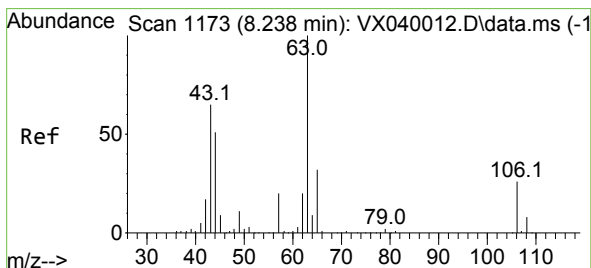
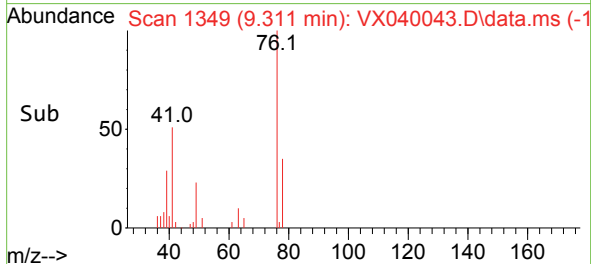
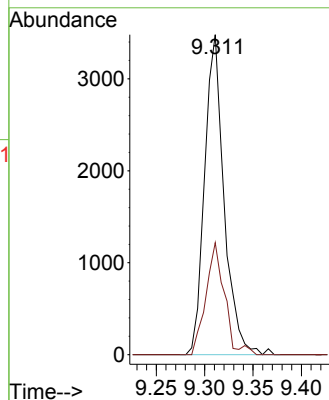
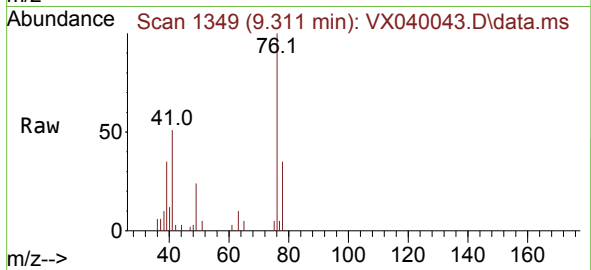
LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 4882

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 10.915 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040043.D

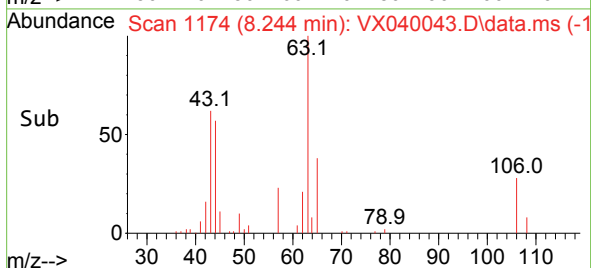
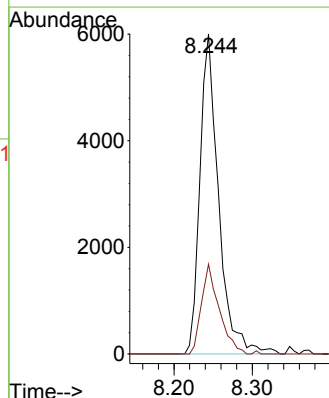
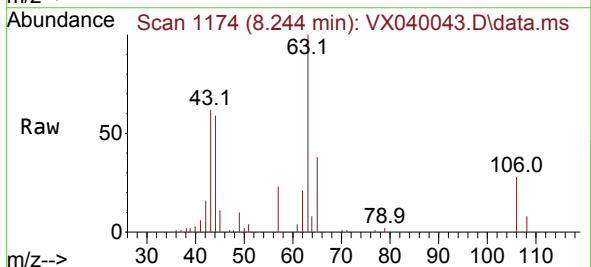
Acq: 31 Jan 2024 13:12

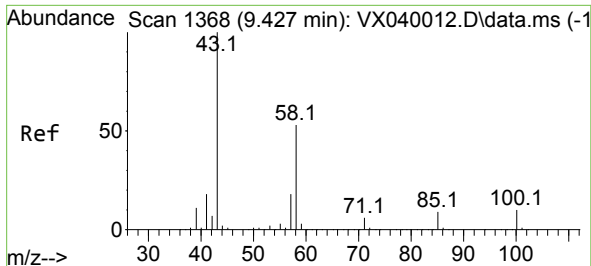
Tgt Ion: 63 Resp: 9961

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7





#59

2-Hexanone

Concen: 11.020 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

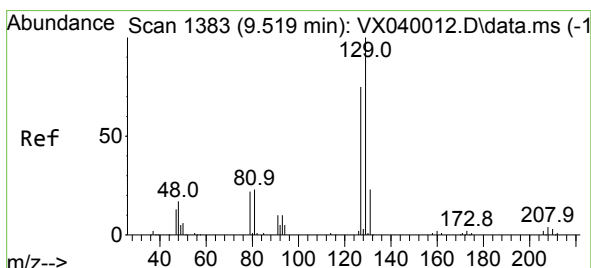
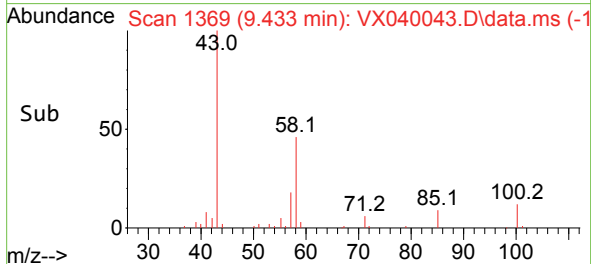
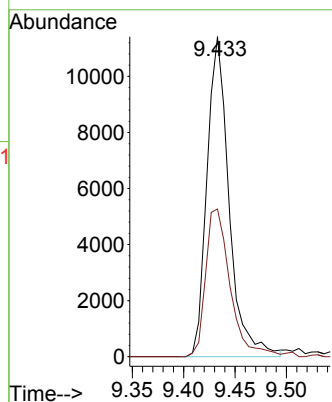
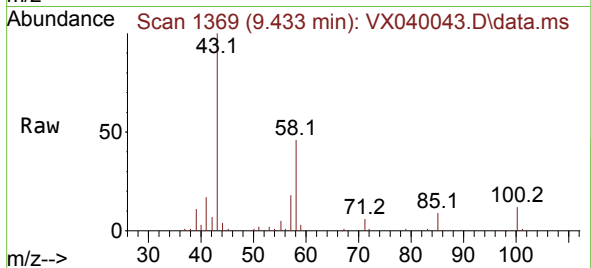
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 17083

Ion Ratio Lower Upper

43 100

58 51.7 26.2 78.5



#60

Dibromochloromethane

Concen: 2.193 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040043.D

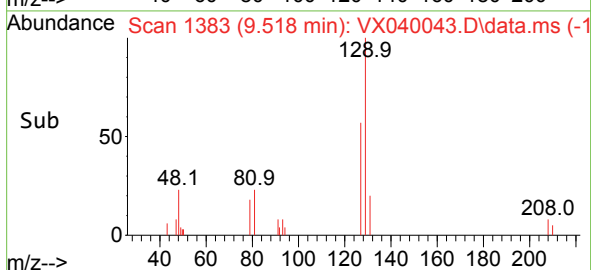
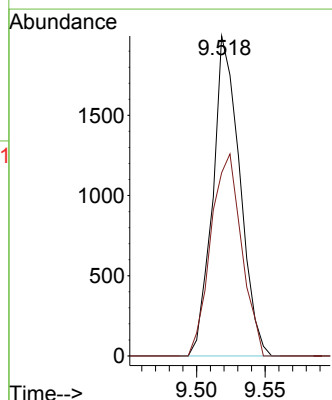
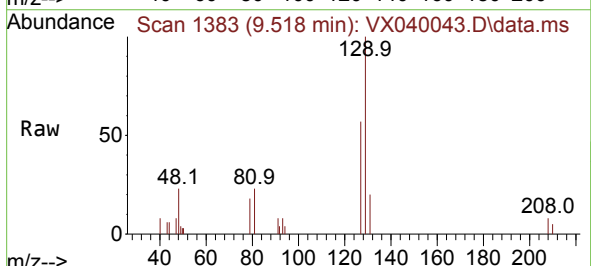
Acq: 31 Jan 2024 13:12

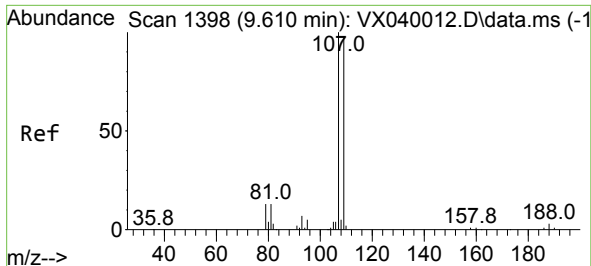
Tgt Ion:129 Resp: 2738

Ion Ratio Lower Upper

129 100

127 71.8 38.8 116.4

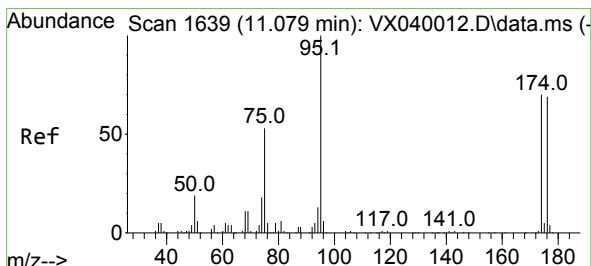
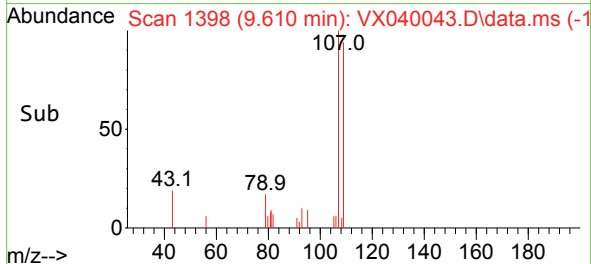
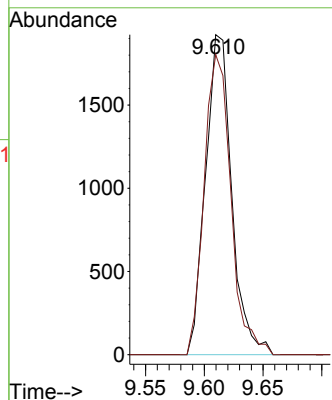
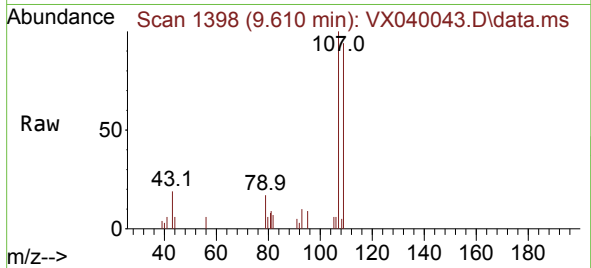




#61
1,2-Dibromoethane
Concen: 2.222 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

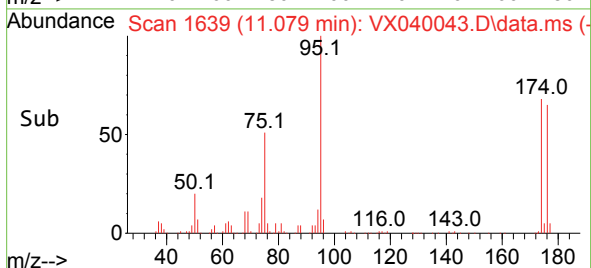
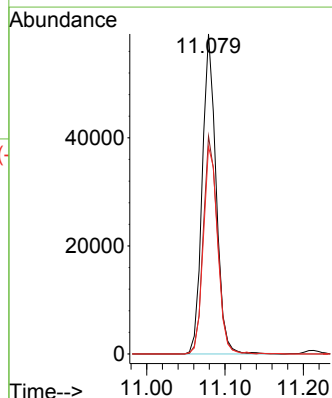
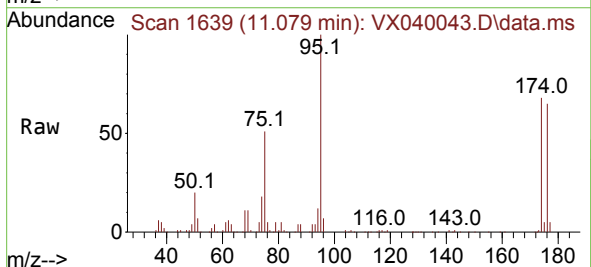
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

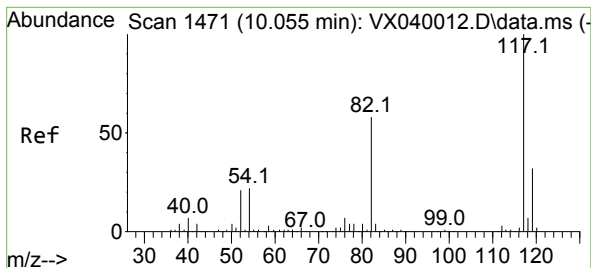
Tgt Ion:107 Resp: 2985
Ion Ratio Lower Upper
107 100
109 95.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 44.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 95 Resp: 72549
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 67.2 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: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

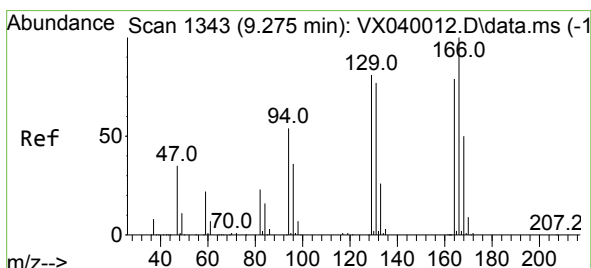
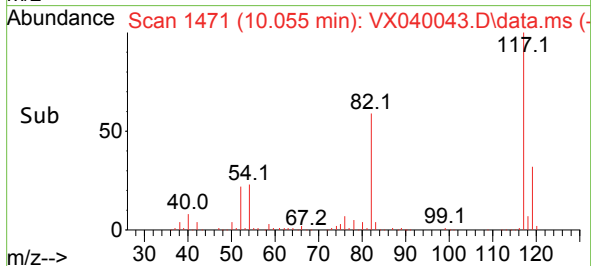
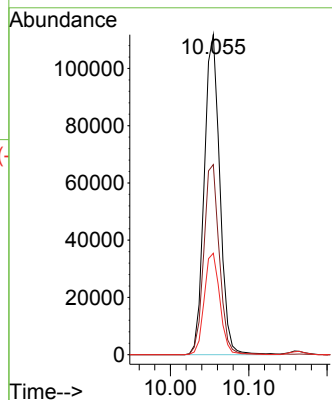
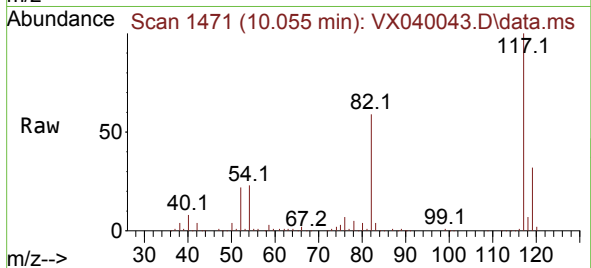
Tgt Ion:117 Resp: 154022

Ion Ratio Lower Upper

117 100

82 59.4 46.2 69.4

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 2.538 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:164 Resp: 2544

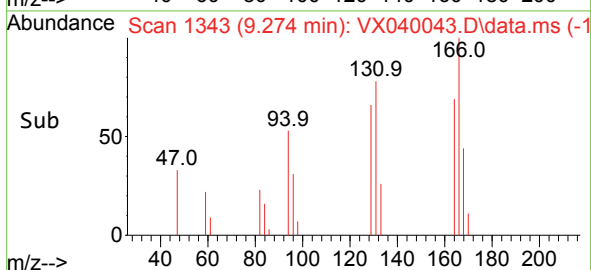
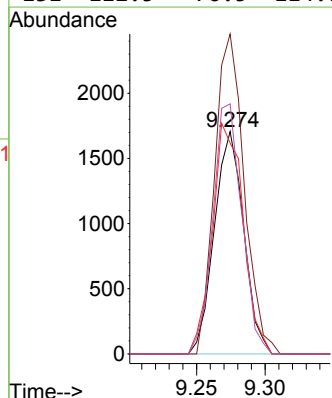
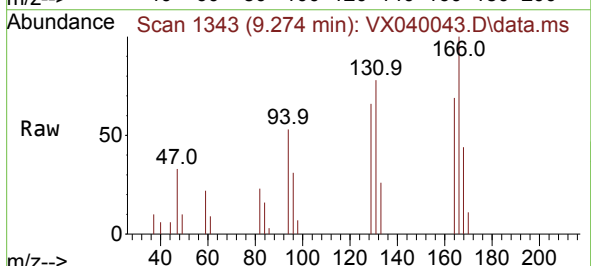
Ion Ratio Lower Upper

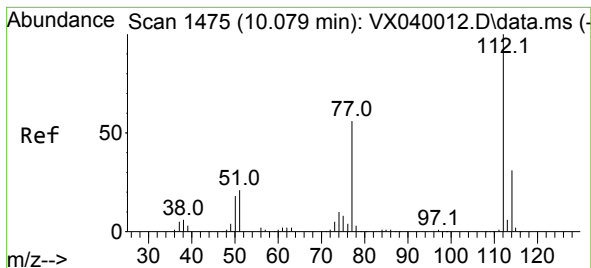
164 100

166 143.9 102.7 154.1

129 94.8 80.4 120.6

131 112.5 76.5 114.7





#65

Chlorobenzene

Concen: 2.448 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

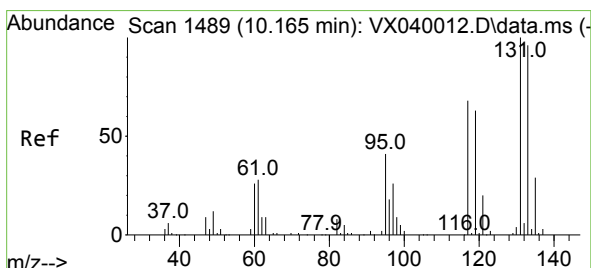
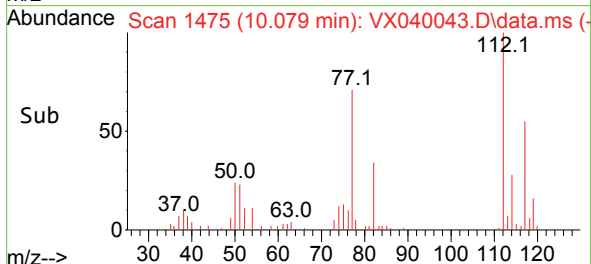
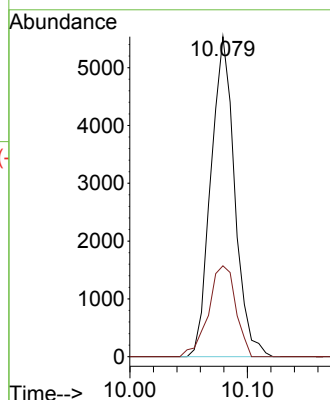
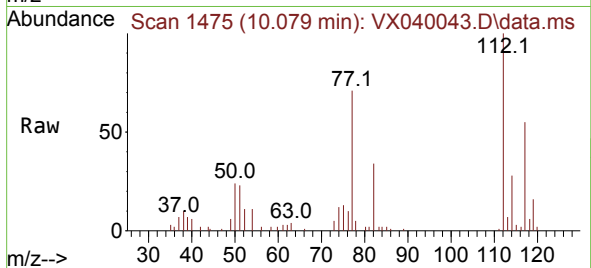
LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 7792

Ion Ratio Lower Upper

112 100

114 28.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.183 ug/l

RT: 10.164 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

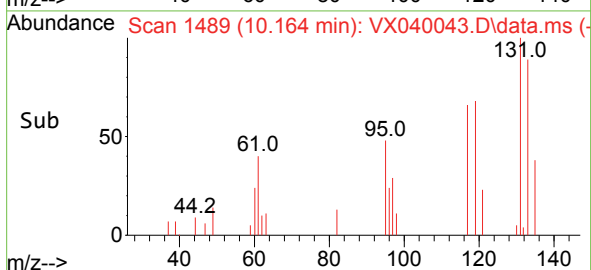
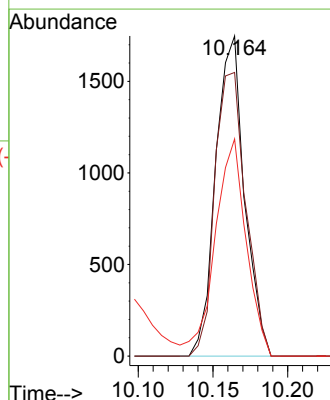
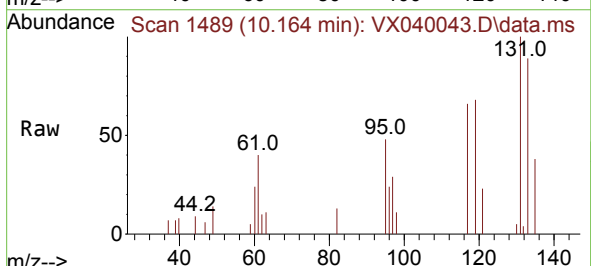
Tgt Ion:131 Resp: 2347

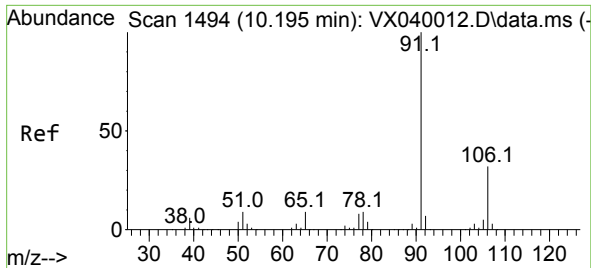
Ion Ratio Lower Upper

131 100

133 95.3 47.1 141.4

119 72.6 32.2 96.6

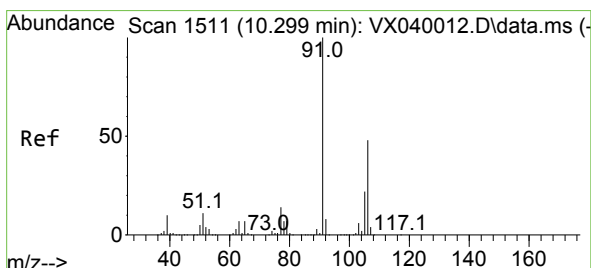
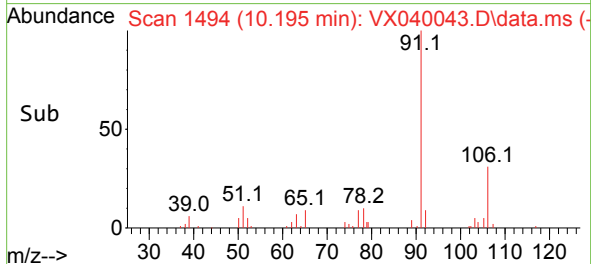
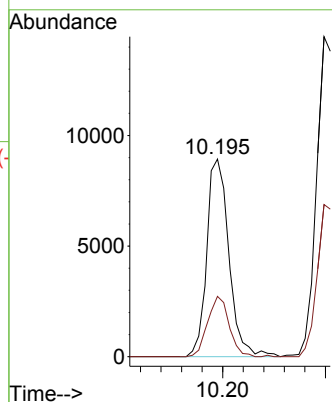
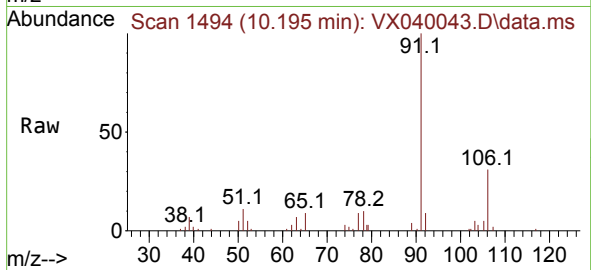




#67
Ethyl Benzene
Concen: 2.340 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

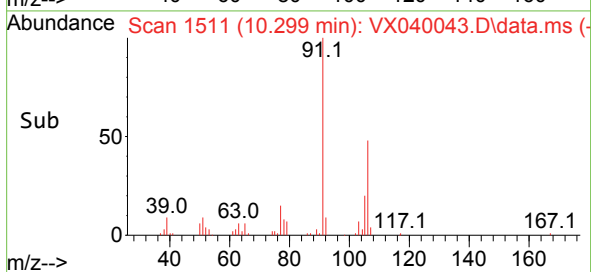
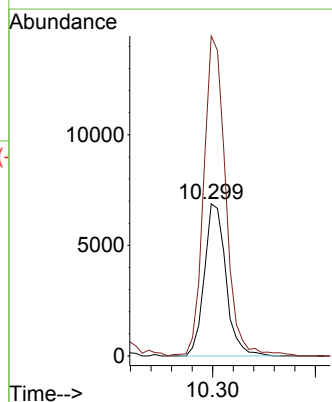
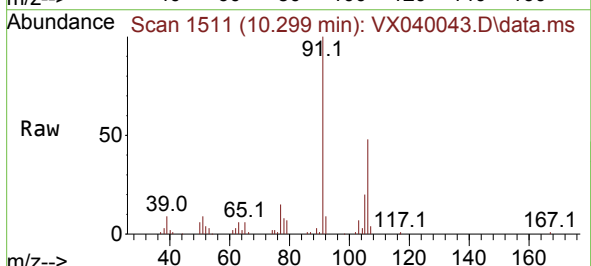
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

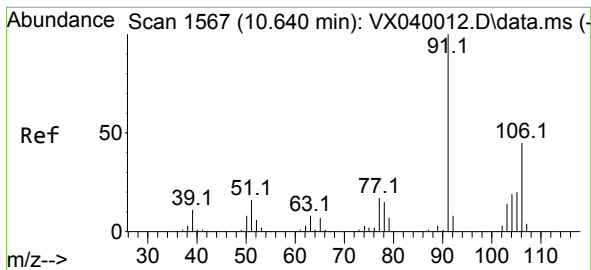
Tgt Ion: 91 Resp: 13365
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 4.663 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 106 Resp: 10021
Ion Ratio Lower Upper
106 100
91 214.2 165.5 248.3





#69

o-Xylene

Concen: 2.435 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

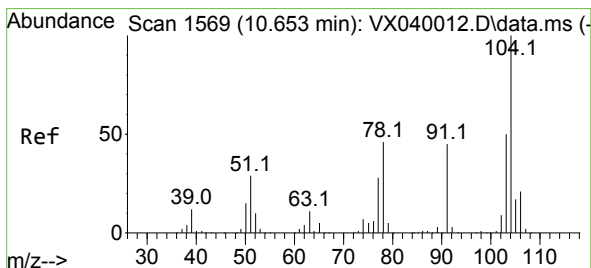
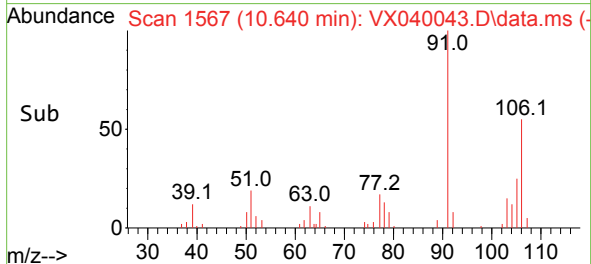
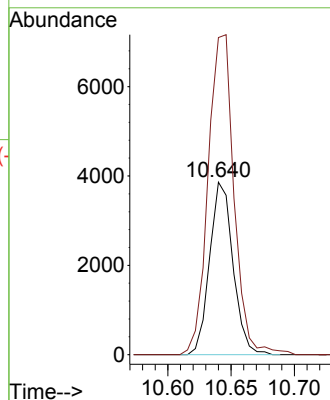
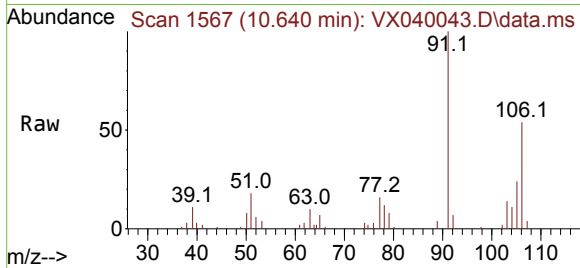
LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 4964

Ion Ratio Lower Upper

106 100

91 205.9 108.9 326.8



#70

Styrene

Concen: 2.232 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.005 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

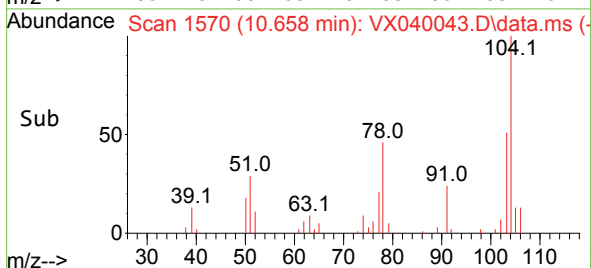
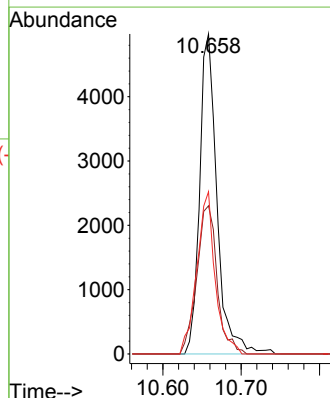
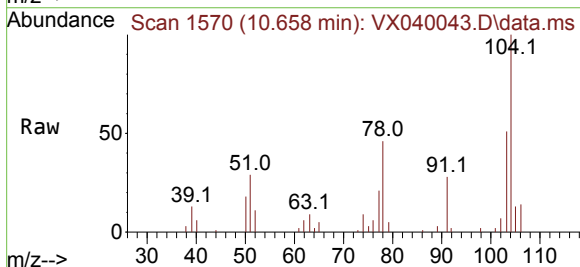
Tgt Ion:104 Resp: 7667

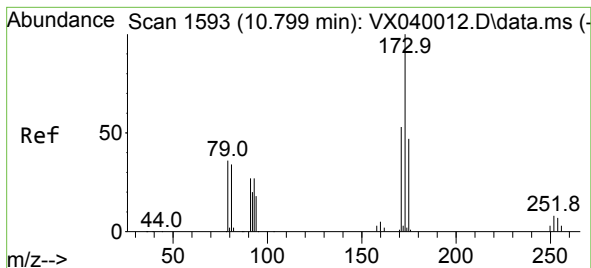
Ion Ratio Lower Upper

104 100

78 54.2 43.6 65.4

103 53.5 43.6 65.4





#71

Bromoform

Concen: 2.129 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

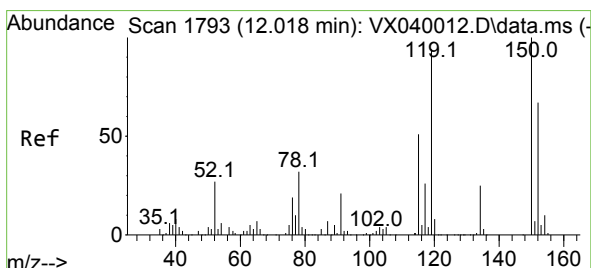
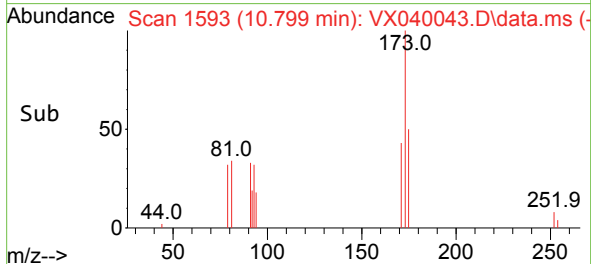
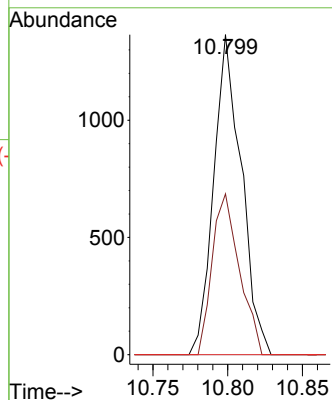
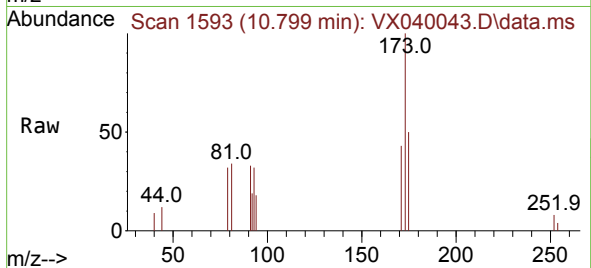
Tgt Ion:173 Resp: 1752

Ion Ratio Lower Upper

173 100

175 49.5 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. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

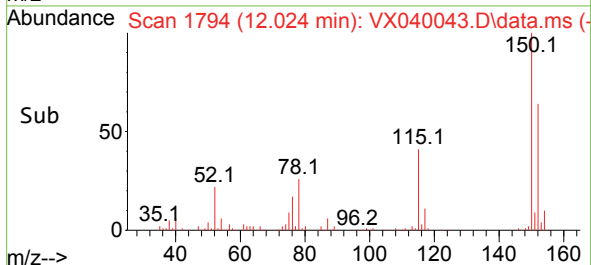
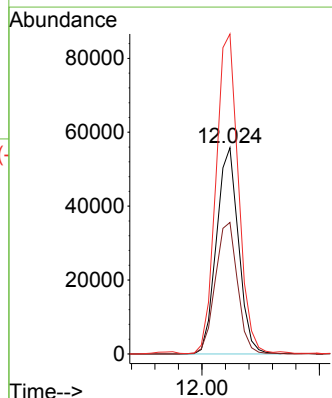
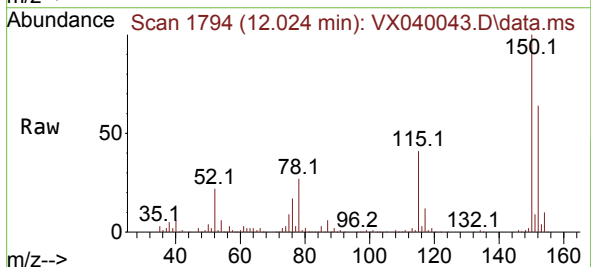
Tgt Ion:152 Resp: 72762

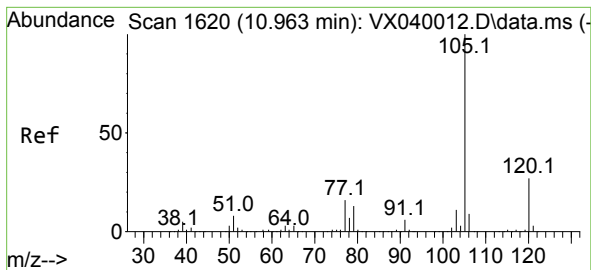
Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 158.3 0.0 345.0





#73

Isopropylbenzene

Concen: 2.415 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

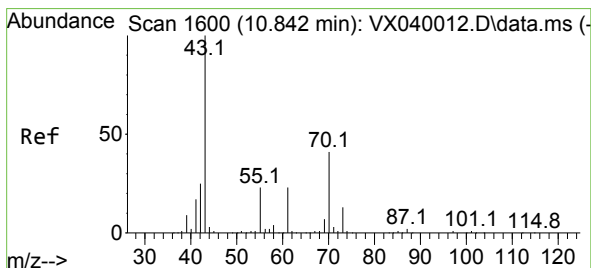
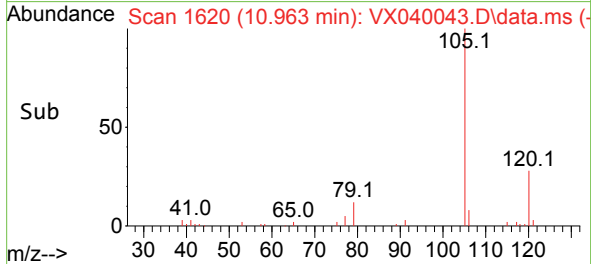
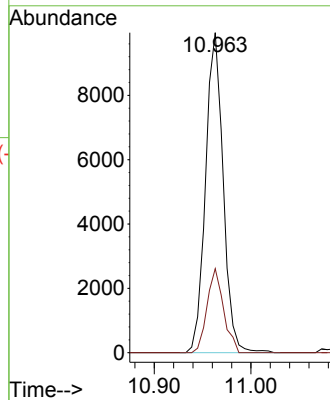
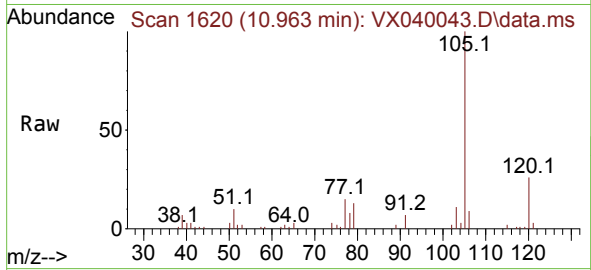
LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 12616

Ion Ratio Lower Upper

105 100

120 24.5 12.9 38.6



#74

N-ethyl acetate

Concen: 1.915 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.005 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion: 43 Resp: 4556

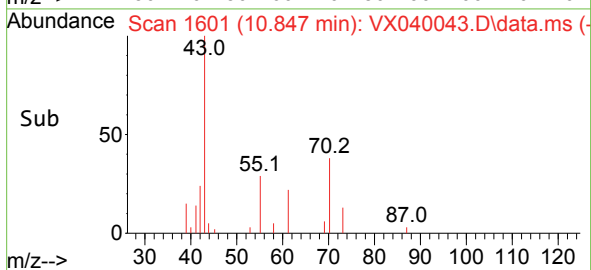
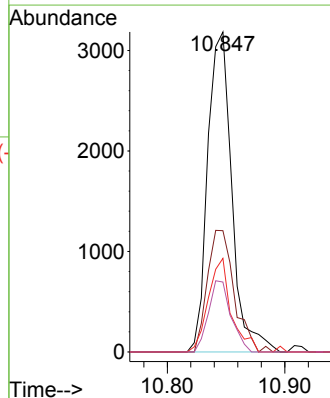
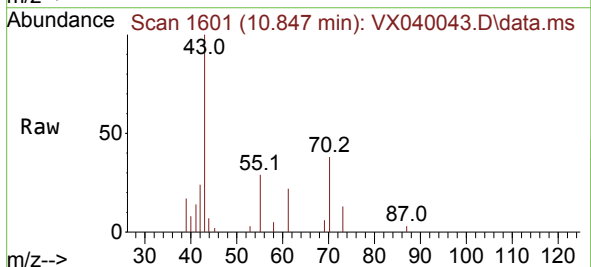
Ion Ratio Lower Upper

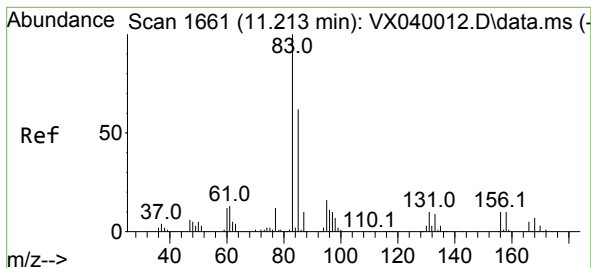
43 100

70 42.2 32.9 49.3

55 27.7 19.3 28.9

61 20.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.555 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

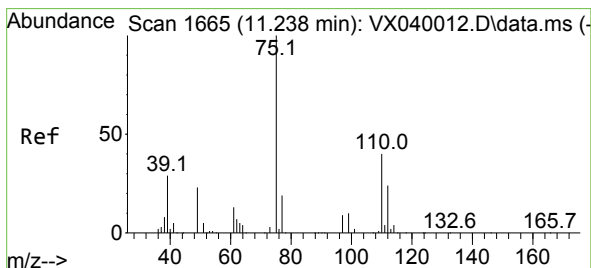
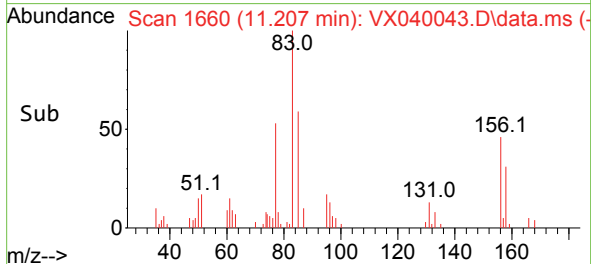
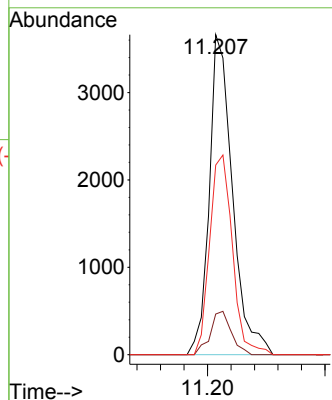
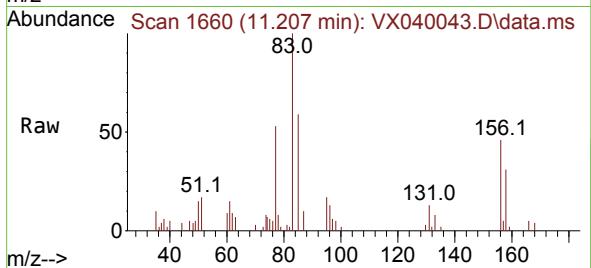
Tgt Ion: 83 Resp: 5019

Ion Ratio Lower Upper

83 100

131 12.3 5.3 15.8

85 61.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 3.112 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040043.D

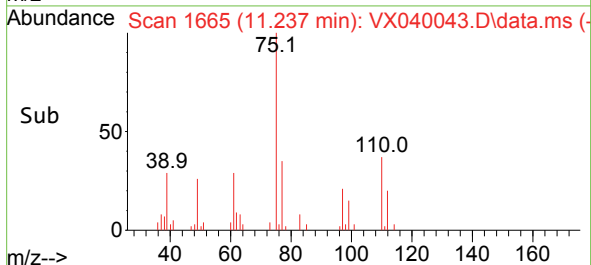
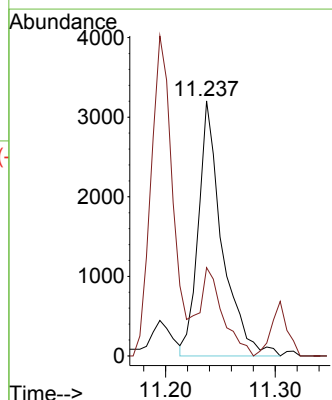
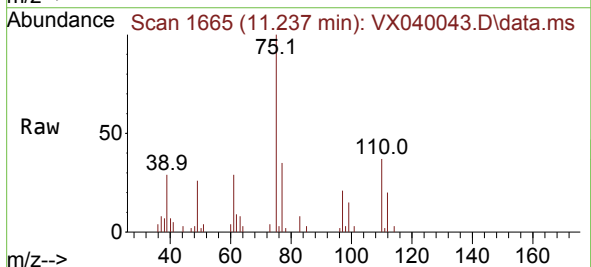
Acq: 31 Jan 2024 13:12

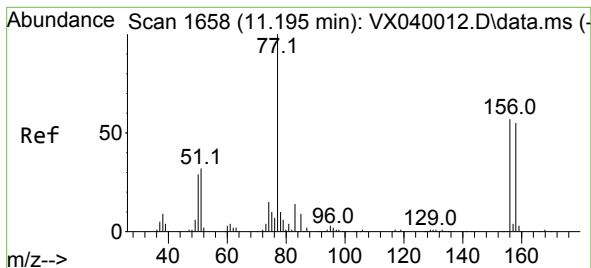
Tgt Ion: 75 Resp: 4822

Ion Ratio Lower Upper

75 100

77 31.6 19.1 57.5





#77

Bromobenzene

Concen: 2.588 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

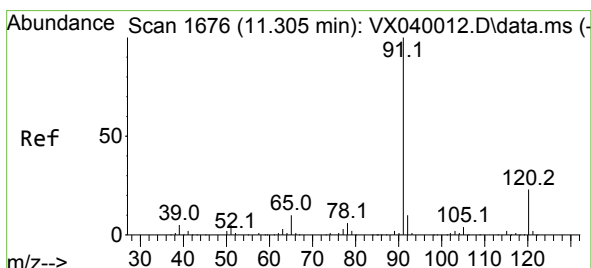
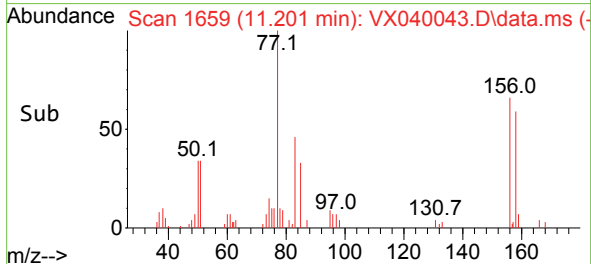
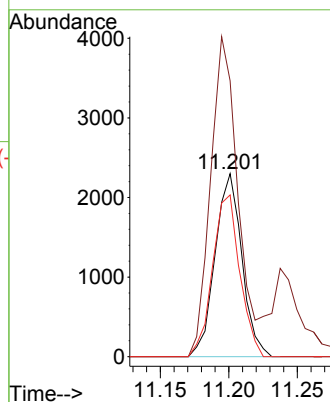
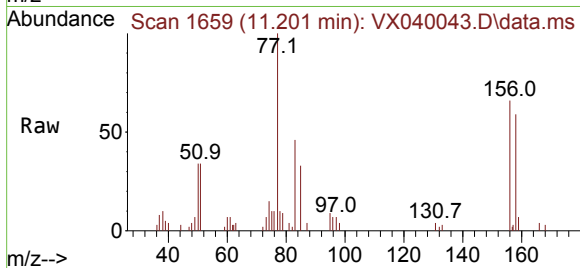
Tgt Ion:156 Resp: 3119

Ion Ratio Lower Upper

156 100

77 175.8 88.4 265.3

158 89.8 48.0 144.0



#78

n-propylbenzene

Concen: 2.401 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040043.D

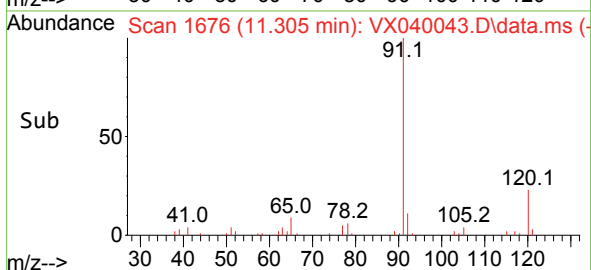
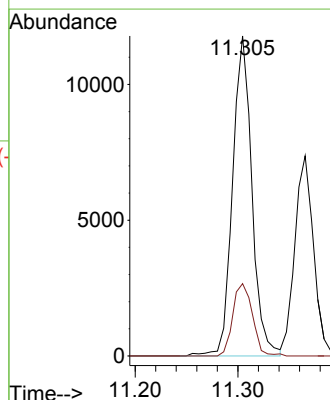
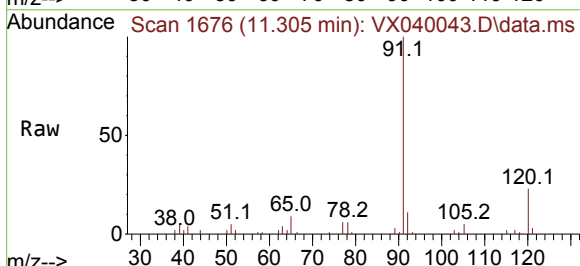
Acq: 31 Jan 2024 13:12

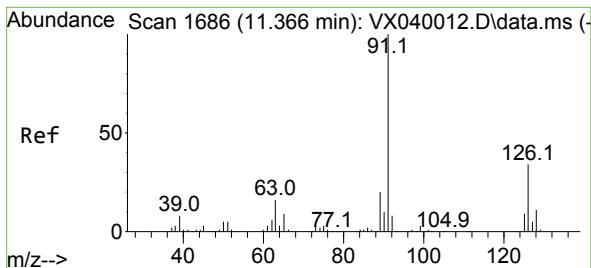
Tgt Ion: 91 Resp: 15436

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.415 ug/l

RT: 11.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

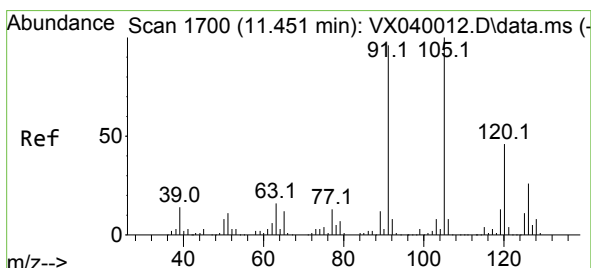
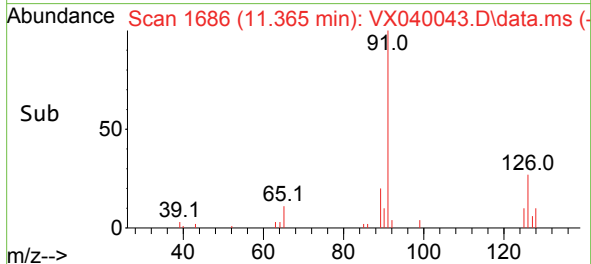
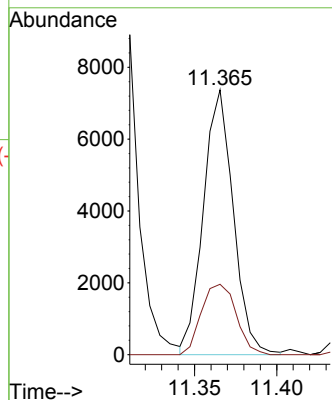
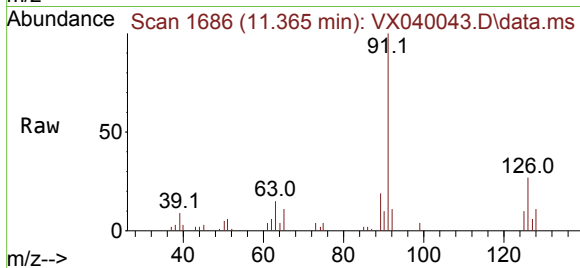
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 9346

Ion Ratio Lower Upper

91 100

126 30.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 2.259 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040043.D

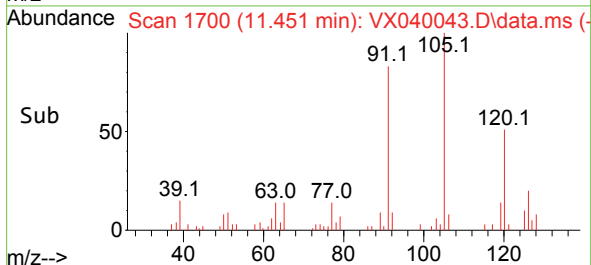
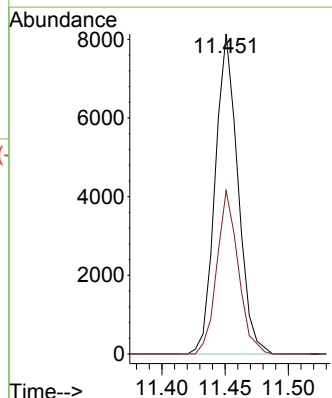
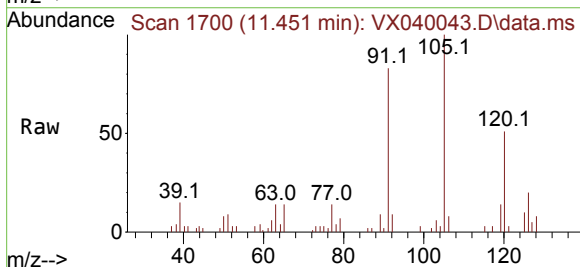
Acq: 31 Jan 2024 13:12

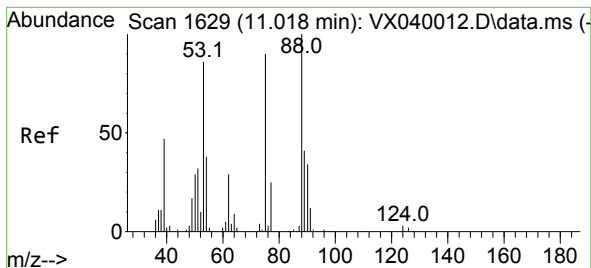
Tgt Ion: 105 Resp: 10144

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3

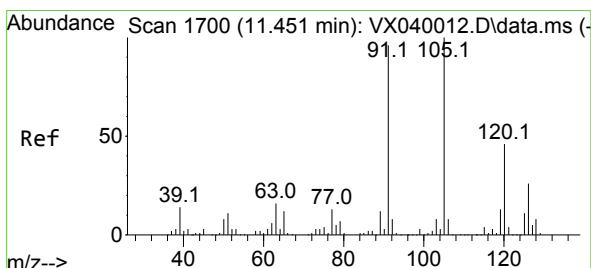
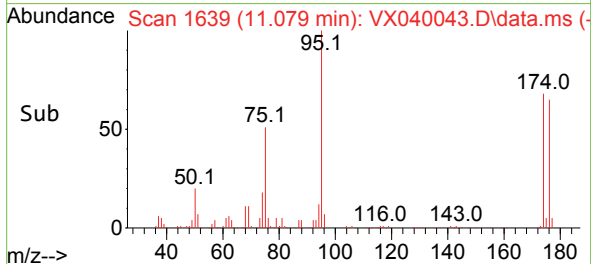
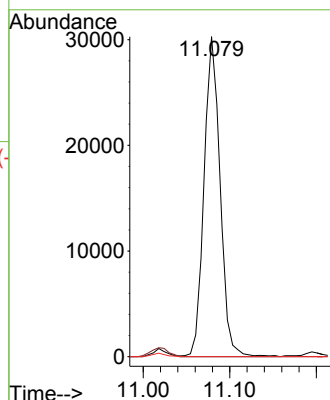
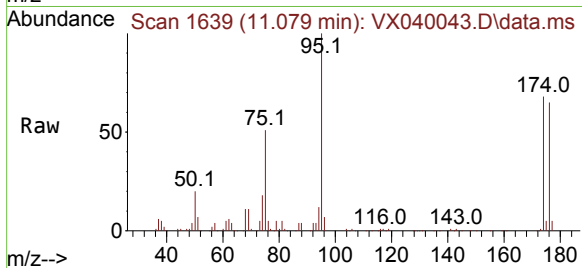




#81
trans-1,4-Dichloro-2-butene
Concen: 78.377 ug/l
RT: 11.079 min Scan# 110
Delta R.T. 0.061 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

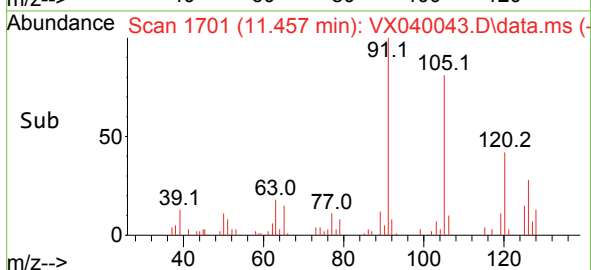
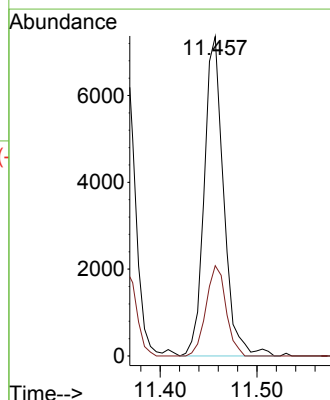
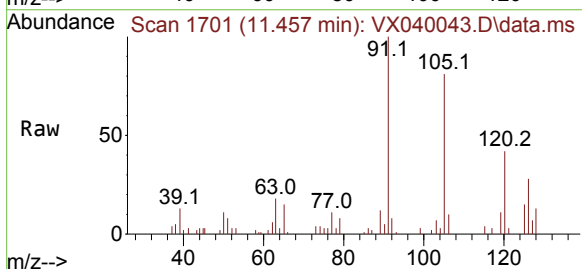
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

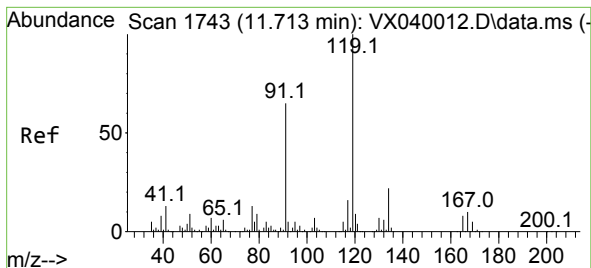
Tgt Ion: 75 Resp: 38980
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 2.319 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 91 Resp: 10303
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.176 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

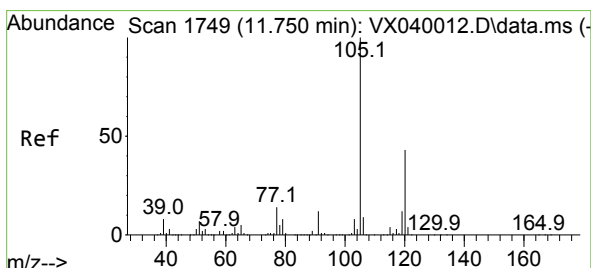
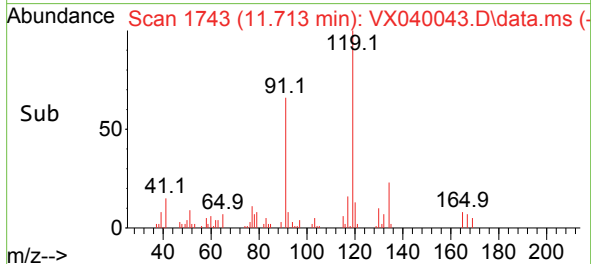
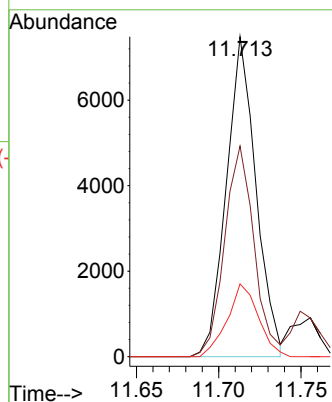
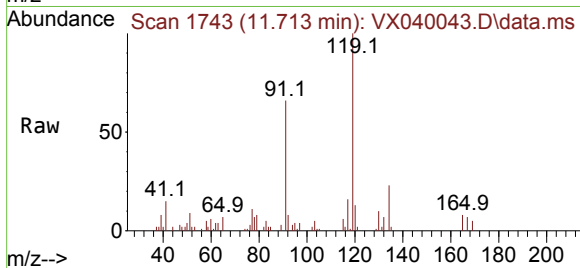
Tgt Ion:119 Resp: 9354

Ion Ratio Lower Upper

119 100

91 65.6 31.2 93.6

134 23.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 2.219 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040043.D

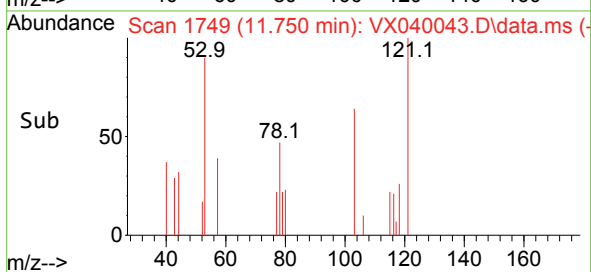
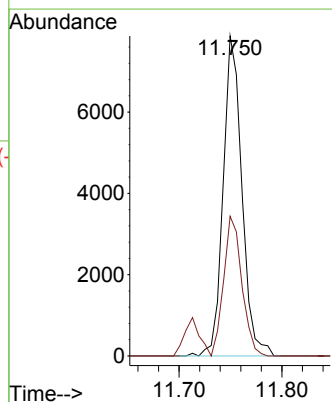
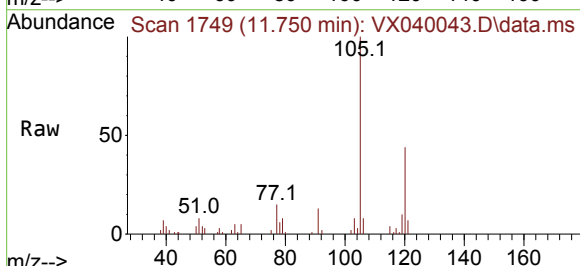
Acq: 31 Jan 2024 13:12

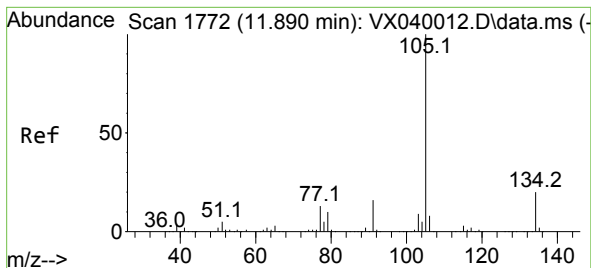
Tgt Ion:105 Resp: 9946

Ion Ratio Lower Upper

105 100

120 42.5 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.282 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

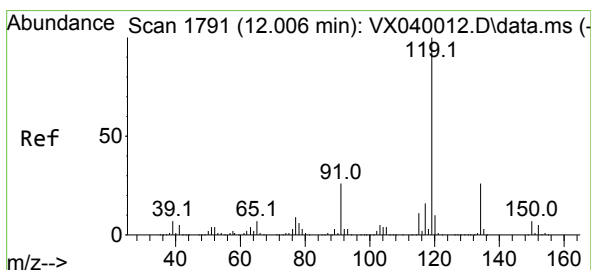
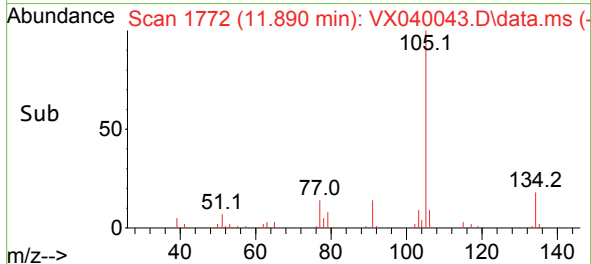
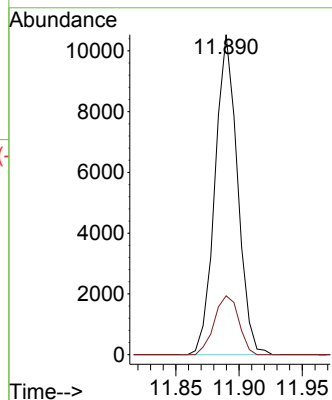
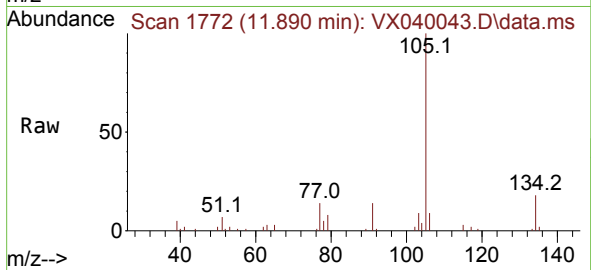
LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 12996

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.117 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

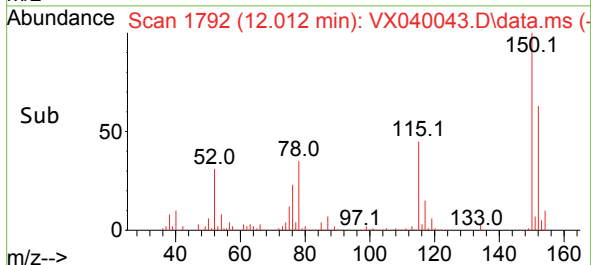
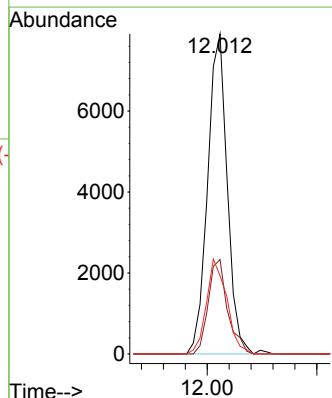
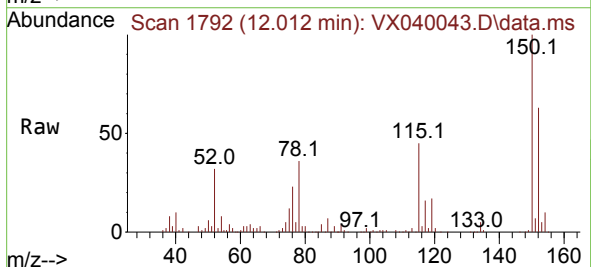
Tgt Ion:119 Resp: 9842

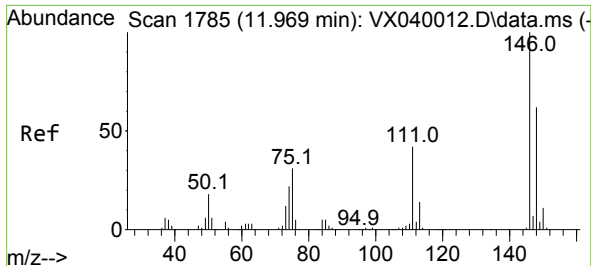
Ion Ratio Lower Upper

119 100

134 29.1 12.8 38.3

91 30.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040043.D

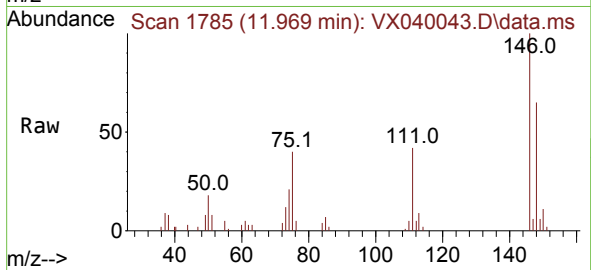
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

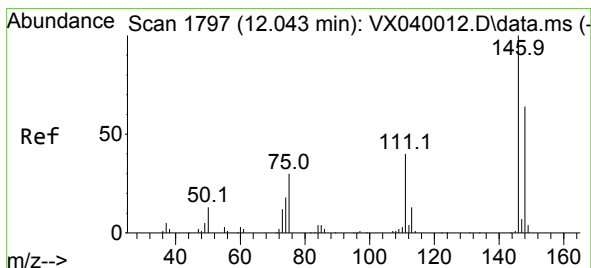
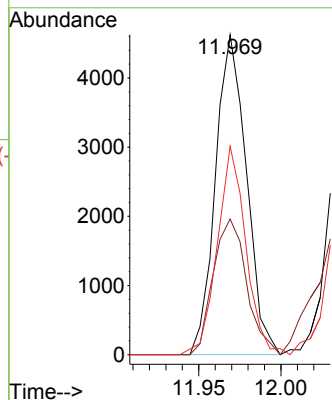
ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:146 Resp: 6053

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.1	66.1
148	59.8	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 2.783 ug/l

RT: 12.042 min Scan# 1797

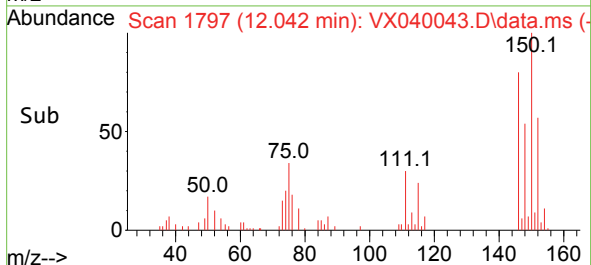
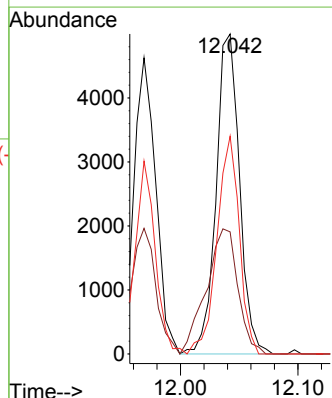
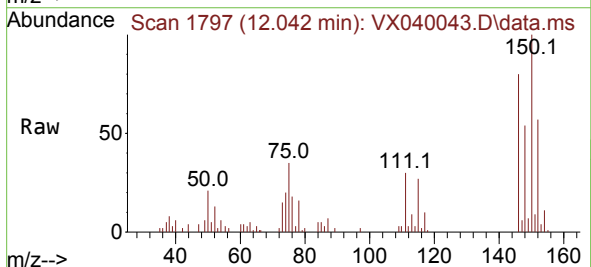
Delta R.T. -0.000 min

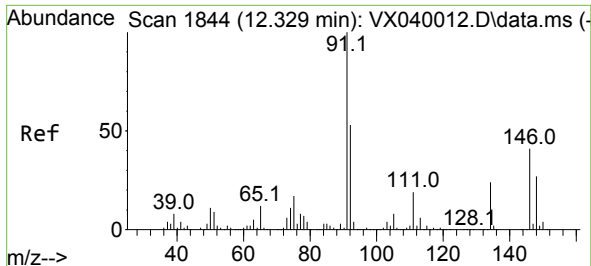
Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:146 Resp: 6926

Ion	Ratio	Lower	Upper
146	100		
111	52.8	21.3	63.7
148	64.9	31.8	95.4





#89

n-Butylbenzene

Concen: 2.176 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

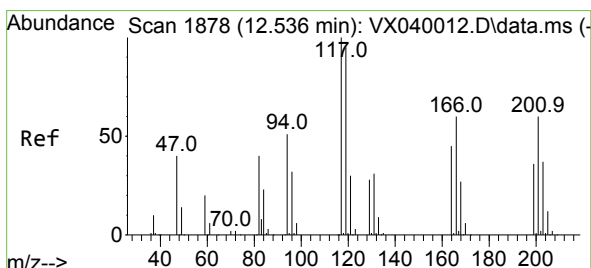
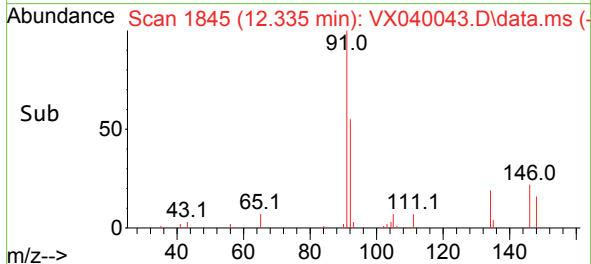
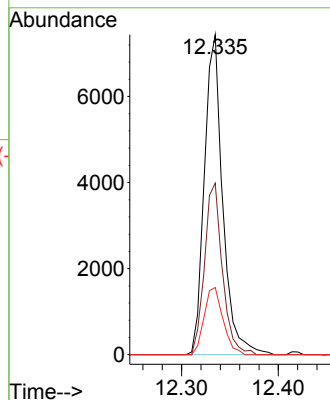
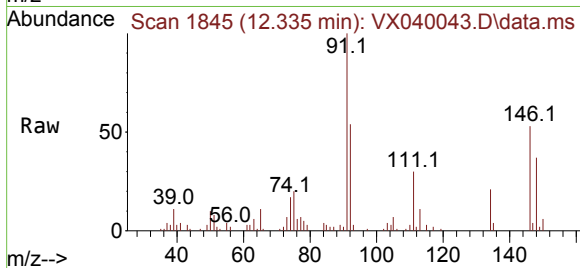
Tgt Ion: 91 Resp: 9821

Ion Ratio Lower Upper

91 100

92 52.2 27.4 82.0

134 21.6 12.6 37.8



#90

Hexachloroethane

Concen: 2.020 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX040043.D

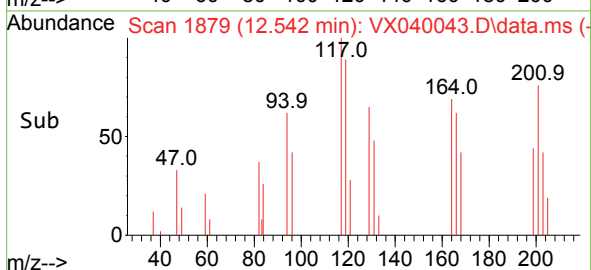
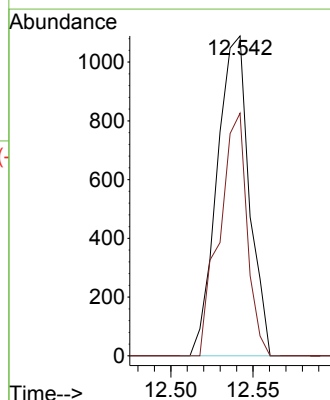
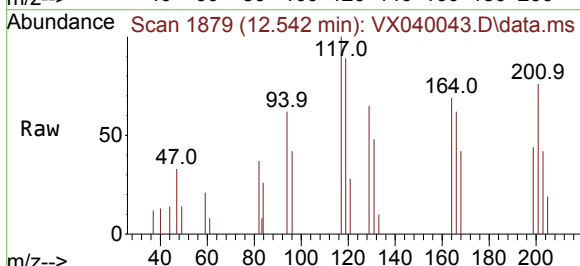
Acq: 31 Jan 2024 13:12

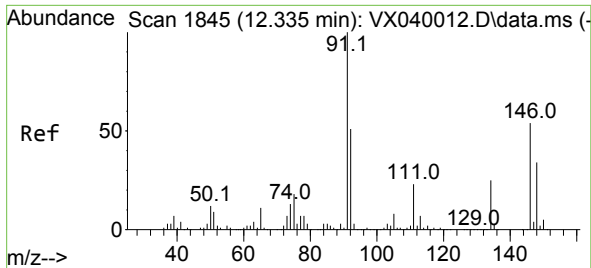
Tgt Ion: 117 Resp: 1484

Ion Ratio Lower Upper

117 100

201 65.0 32.9 98.6

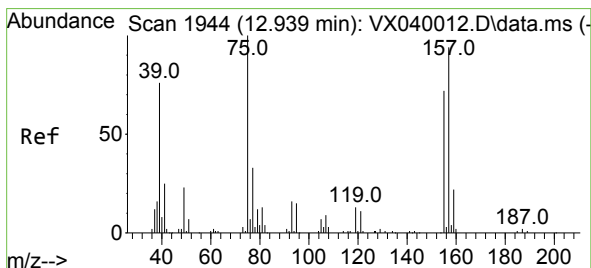
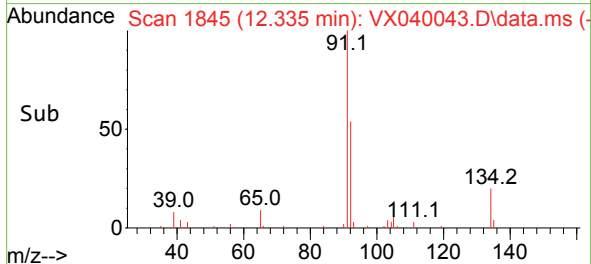
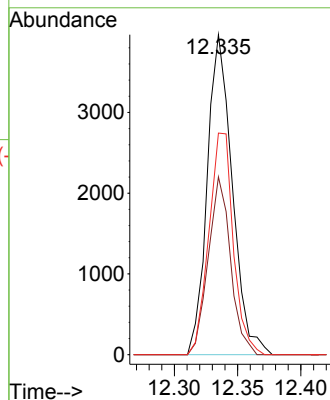
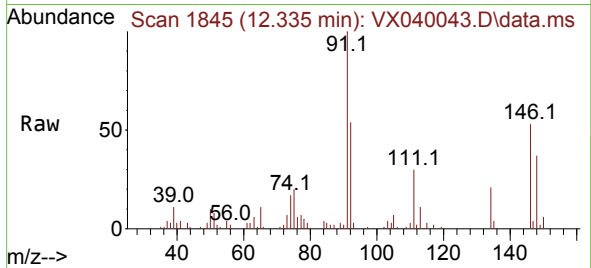




#91
1,2-Dichlorobenzene
Concen: 2.323 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

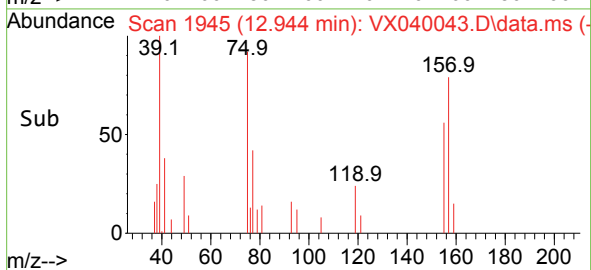
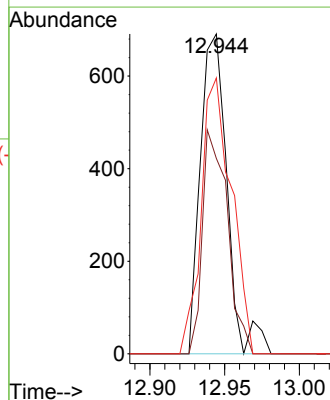
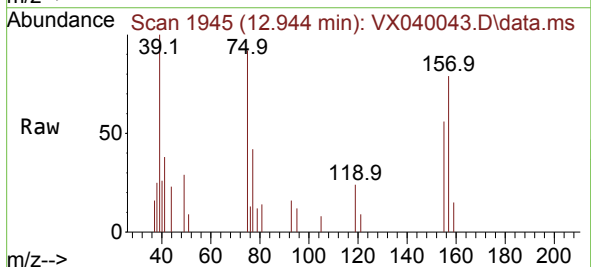
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

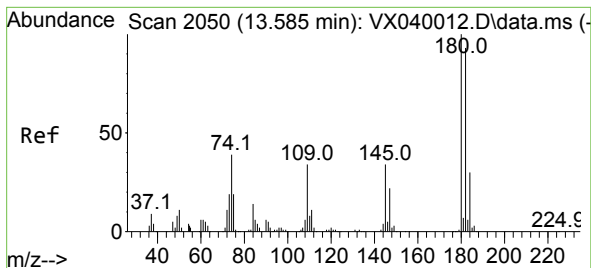
Tgt Ion:146 Resp: 5447
Ion Ratio Lower Upper
146 100
111 49.6 22.4 67.0
148 67.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.929 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 75 Resp: 859
Ion Ratio Lower Upper
75 100
155 65.3 36.1 108.5
157 97.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.311 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

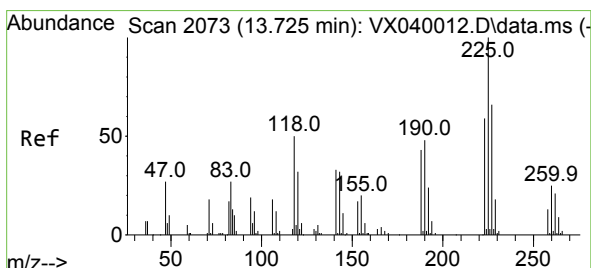
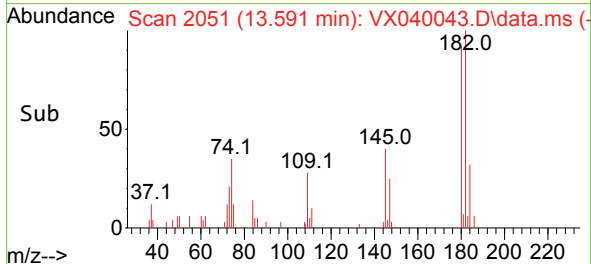
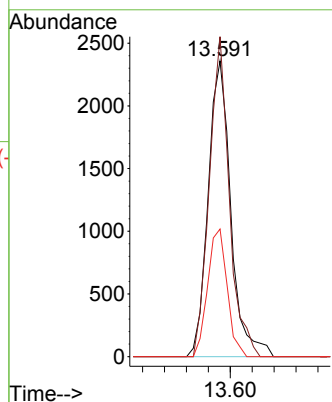
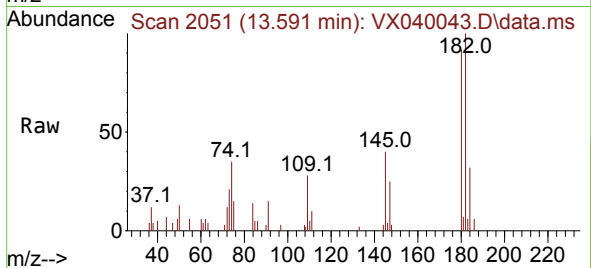
Tgt Ion:180 Resp: 3386

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 37.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 2.344 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

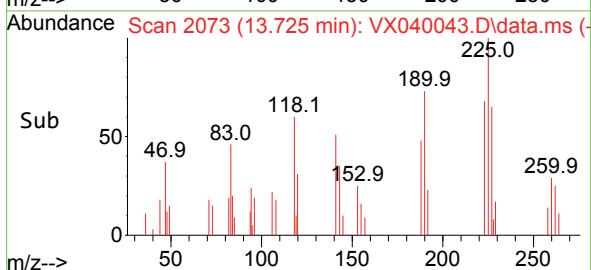
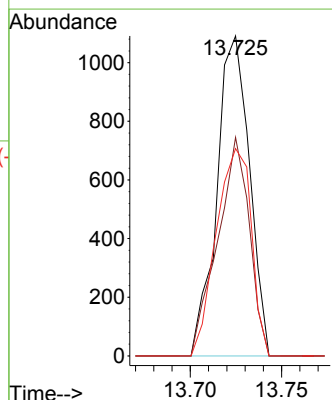
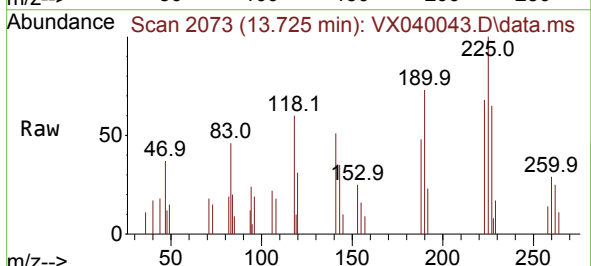
Tgt Ion:225 Resp: 1353

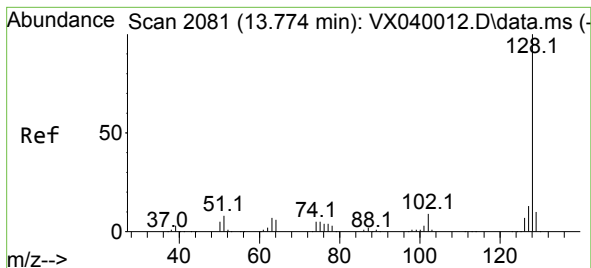
Ion Ratio Lower Upper

225 100

223 66.3 31.1 93.2

227 69.7 32.5 97.5





#95

Naphthalene

Concen: 2.176 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040043.D

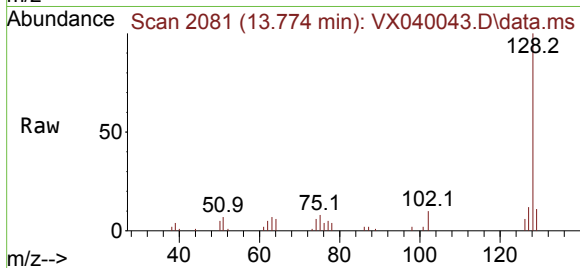
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



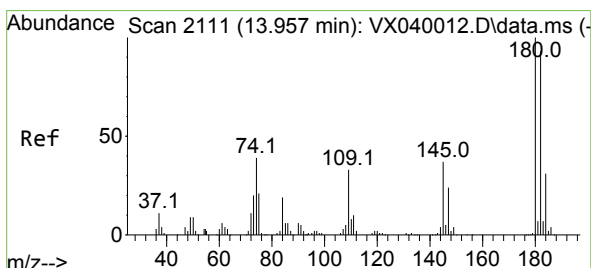
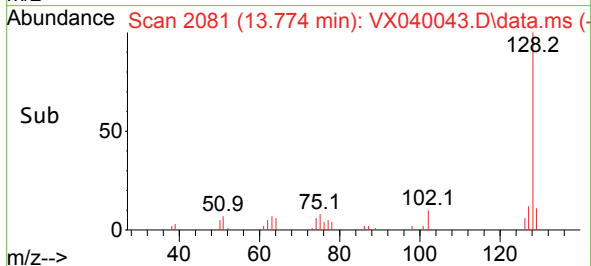
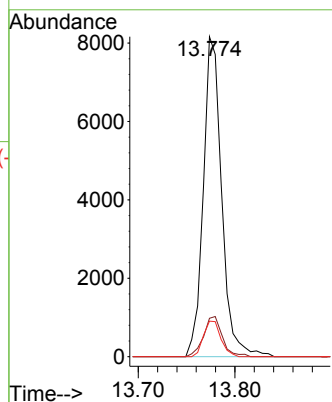
Tgt Ion:128 Resp: 10833

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 2.410 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:180 Resp: 3492

Ion Ratio Lower Upper

180 100

182 101.1 46.9 140.6

145 39.9 17.8 53.5

