

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031821.D
 Acq On : 30 Sep 2022 19:03
 Operator : JC/MD
 Sample : N3980-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Oct 03 01:16:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	18535	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	99979	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94255	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	45369	32.522	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.400%	
60) 4-Bromofluorobenzene	11.079	95	51115	29.302	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.667%	
63) Toluene-d8	8.647	98	145582	30.404	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	4800	6.210	ug/l	94
3) Chloromethane	1.288	50	5117	6.318	ug/l	98
4) Vinyl Chloride	1.368	62	6464	5.950	ug/l	92
5) Bromomethane	1.612	94	6286	6.325	ug/l	96
6) Chloroethane	1.685	64	6664	6.957	ug/l #	85
7) Trichlorofluoromethane	1.886	101	14439	6.220	ug/l	98
8) Diethyl Ether	2.130	74	4575	5.816	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	6459	5.862	ug/l	97
10) 1,1-Dichloroethene	2.319	96	5643	5.545	ug/l	89
11) Methyl Iodide	2.453	142	4692	4.212	ug/l	92
12) Methyl Acetate	2.703	43	7318	6.294	ug/l	98
13) Acrolein	2.239	56	3638	35.327	ug/l	92
14) Acrylonitrile	3.069	53	14397	29.175	ug/l	98
15) Acetone	2.386	58	4078	30.505	ug/l	94
16) Carbon Disulfide	2.508	76	11929	5.343	ug/l	97
17) Allyl chloride	2.666	41	6904	5.605	ug/l	91
18) Methylene Chloride	2.788	84	7066	6.067	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	6449	5.473	ug/l	96
20) Diisopropyl ether	3.757	45	16290	5.755	ug/l	94
21) 1,1-Dichloroethane	3.611	63	11067	5.993	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	7802	5.481	ug/l	98
23) tert-Butyl Alcohol	3.008	59	3732	20.288	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	19779	5.655	ug/l	99
25) Chloroform	5.099	83	13109	5.782	ug/l	94
26) Cyclohexane	5.477	56	8965	5.885	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	8468	5.464	ug/l	95
30) 2-Butanone	4.568	43	18625	29.524	ug/l #	93
31) 2,2-Dichloropropane	4.471	77	4200	2.707	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	10726	5.228	ug/l	99
33) Carbon Tetrachloride	5.678	117	9701	5.157	ug/l	98
34) Benzene	6.044	78	26658	5.813	ug/l	93
35) Methacrylonitrile	4.928	41	3657	5.547	ug/l	90
36) 1,2-Dichloroethane	6.092	62	9824	6.080	ug/l	98
37) Trichloroethene	7.129	130	8233	5.502	ug/l	89
38) Methylcyclohexane	7.379	83	10174	5.363	ug/l	98
39) 1,2-Dichloropropane	7.428	63	5868	5.598	ug/l	98
40) Dibromomethane	7.586	93	5117	5.581	ug/l	99
41) Bromodichloromethane	7.824	83	9195	5.529	ug/l #	91
42) Vinyl Acetate	3.727	43	60787	26.721	ug/l	100

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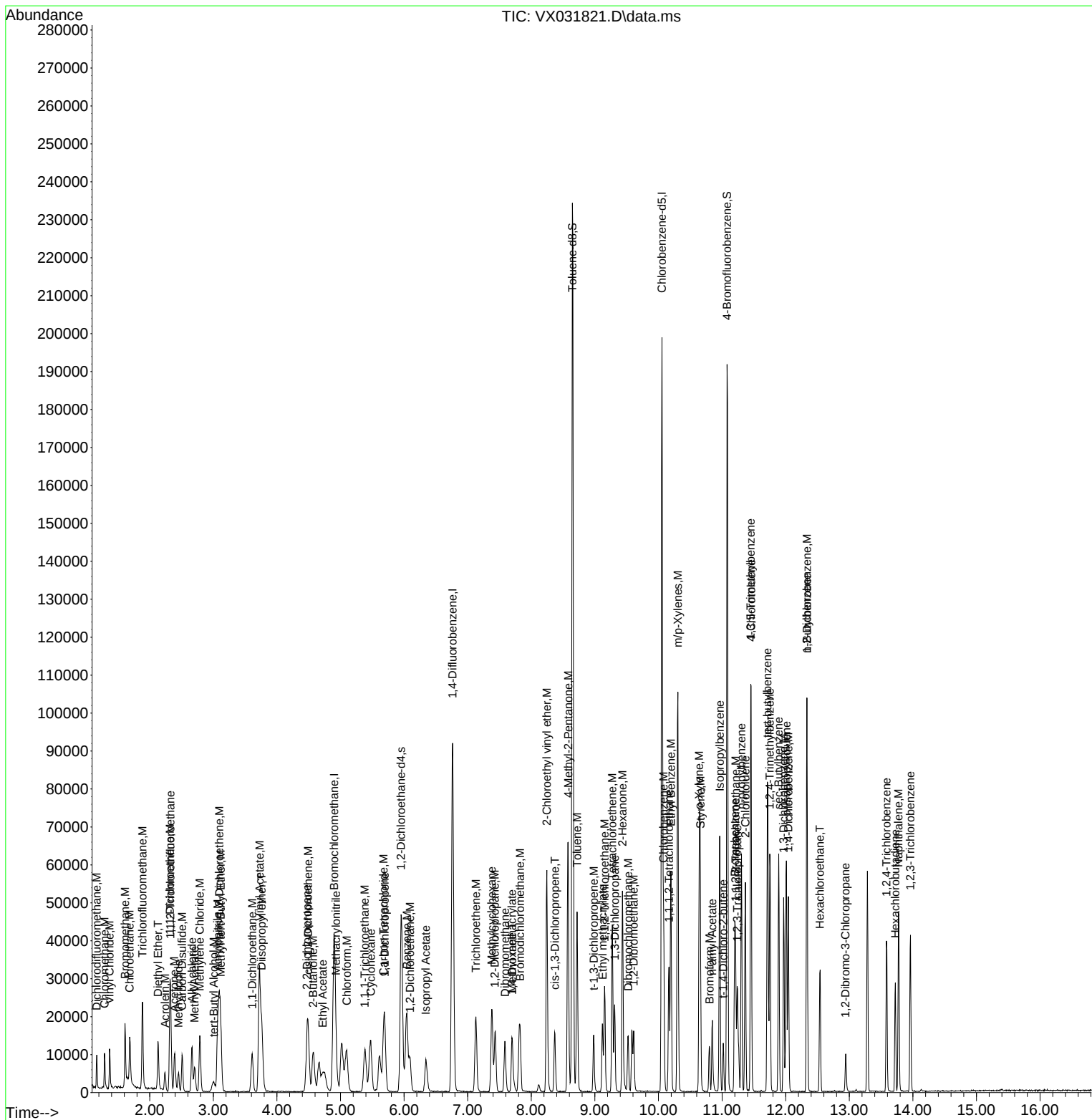
Instrument :
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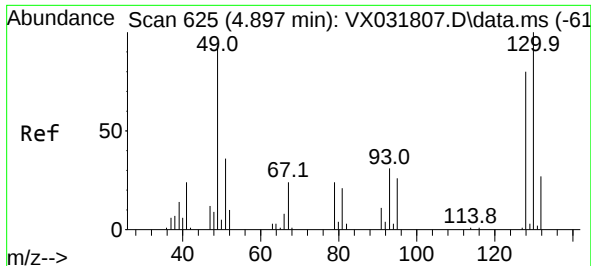
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	6518	5.142	ug/l #	82
44) Isopropyl Acetate	6.342	43	10705	5.314	ug/l	99
45) 1,4-Dioxane	7.702	88	1810	62.784	ug/l #	55
46) Methyl methacrylate	7.696	41	5508	5.857	ug/l	97
47) n-amyl Acetate	10.848	43	7776	4.494	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	7419	4.526	ug/l	96
49) cis-1,3-Dichloropropene	8.373	75	8257	4.591	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	7306	5.502	ug/l	98
51) Ethyl methacrylate	9.122	69	8826	5.127	ug/l	98
52) 1,3-Dichloropropane	9.311	76	11560	5.681	ug/l	99
53) Dibromochloromethane	9.525	129	6704	4.533	ug/l	99
54) 1,2-Dibromoethane	9.610	107	8149	5.539	ug/l	95
55) 2-Chloroethyl vinyl ether	8.244	63	22555	26.721	ug/l	98
56) Bromoform	10.805	173	4285	3.953	ug/l	95
58) 4-Methyl-2-Pentanone	8.580	43	36406	28.730	ug/l	100
59) 2-Hexanone	9.433	43	27810	29.344	ug/l	96
61) Tetrachloroethene	9.275	164	8333	5.506	ug/l	92
62) Toluene	8.720	91	30473	5.647	ug/l	100
64) Chlorobenzene	10.080	112	20761	5.638	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	6921	4.958	ug/l	99
66) Ethyl Benzene	10.195	91	33465	5.502	ug/l	99
67) m/p-Xylenes	10.305	106	26227	10.356	ug/l	92
68) o-Xylene	10.640	106	13584	5.463	ug/l	99
69) Styrene	10.659	104	20297	5.026	ug/l	96
70) Isopropylbenzene	10.964	105	34591	5.353	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	10366	5.628	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	10065	6.301	ug/l	86
73) Bromobenzene	11.201	156	8852	5.108	ug/l	96
74) n-propylbenzene	11.305	91	36820	5.183	ug/l	100
75) 2-Chlorotoluene	11.366	91	23788	5.570	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	28977	5.320	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	1669	3.608	ug/l	67
78) 4-Chlorotoluene	11.457	91	26526	5.448	ug/l	97
79) tert-butylbenzene	11.713	119	27942	5.103	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	27895	5.164	ug/l	99
81) sec-Butylbenzene	11.890	105	33917	5.058	ug/l	97
82) p-Isopropyltoluene	12.012	119	28774	4.883	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	16258	4.958	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	16149	4.802	ug/l	97
85) n-Butylbenzene	12.335	91	21883	4.815	ug/l	97
86) Hexachloroethane	12.536	117	4246	4.589	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	16309	4.985	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	1665	4.505	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	9350	4.417	ug/l	95
90) Hexachlorobutadiene	13.725	225	3692	4.341	ug/l	94
91) Naphthalene	13.774	128	30396	4.488	ug/l	97
92) 1,2,3-Trichlorobenzene	13.963	180	9815	4.681	ug/l	97

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

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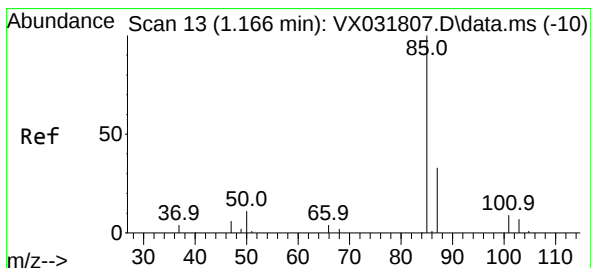
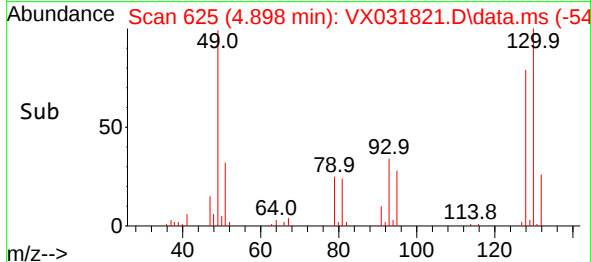
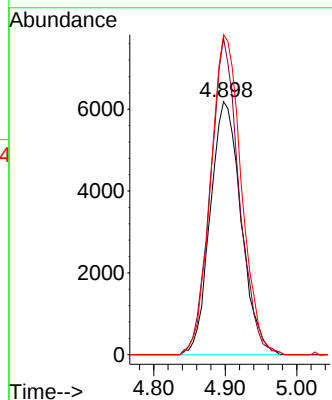
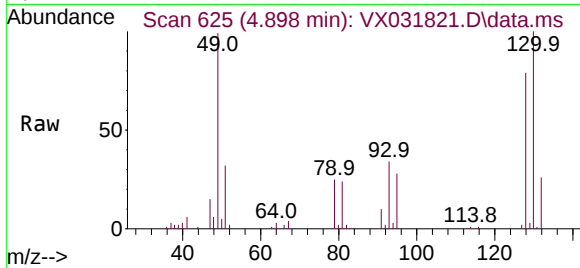




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

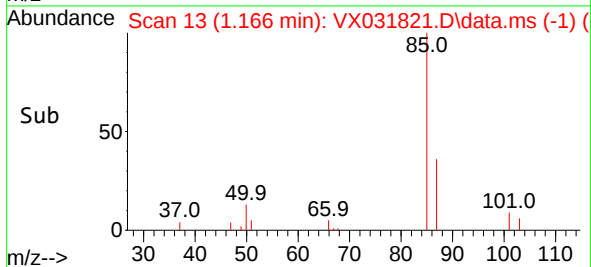
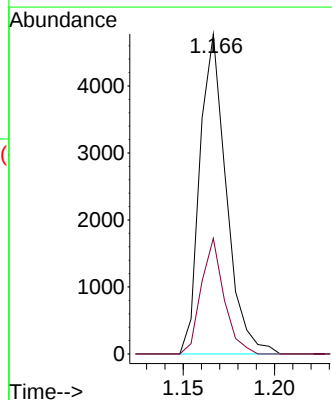
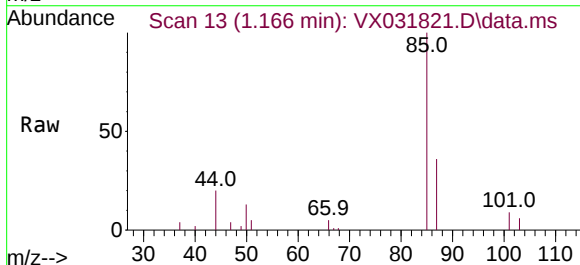
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LOQ-WATER-02-QT3-2022

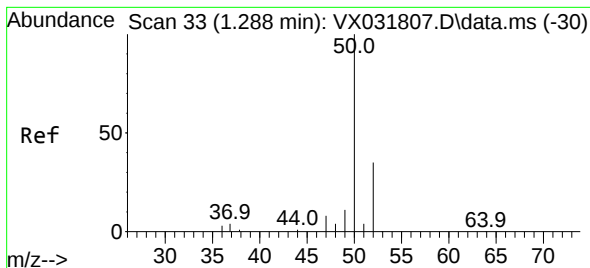
Tgt Ion:128	Resp:	18535
Ion	Ratio	Lower Upper
128	100	
49	116.3	0.0 293.0
130	125.6	0.0 321.5



#2
Dichlorodifluoromethane
Concen: 6.210 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 85	Resp:	4800
Ion	Ratio	Lower Upper
85	100	
87	36.2	16.5 49.5





#3

Chloromethane

Concen: 6.318 ug/l

RT: 1.288 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

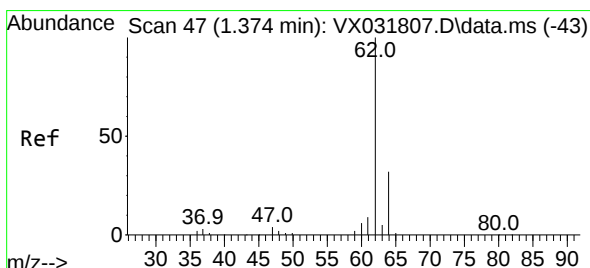
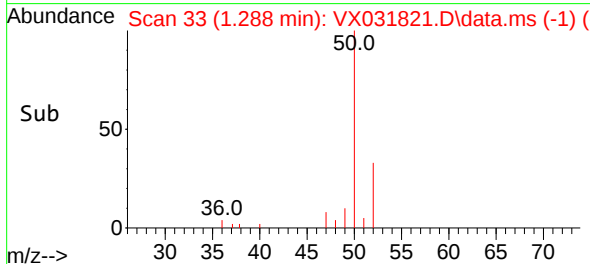
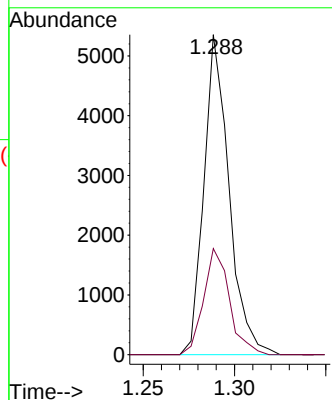
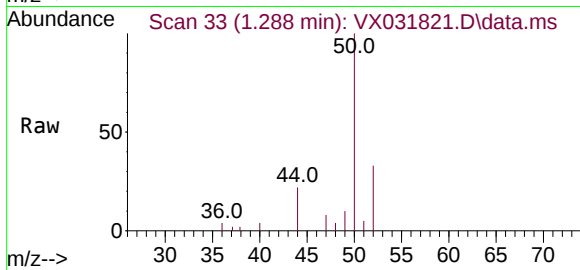
LOQ-WATER-02-QT3-2022

Tgt Ion: 50 Resp: 5117

Ion Ratio Lower Upper

50 100

52 33.2 27.6 41.4



#4

Vinyl Chloride

Concen: 5.950 ug/l

RT: 1.368 min Scan# 46

Delta R.T. -0.006 min

Lab File: VX031821.D

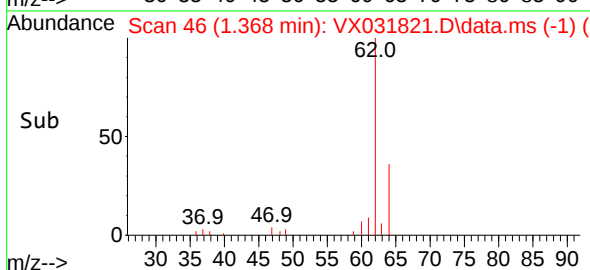
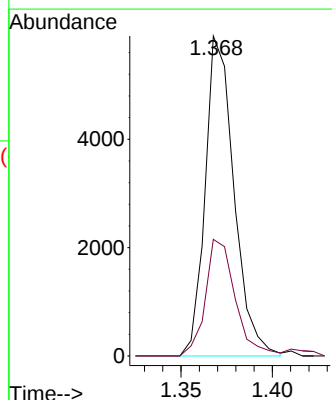
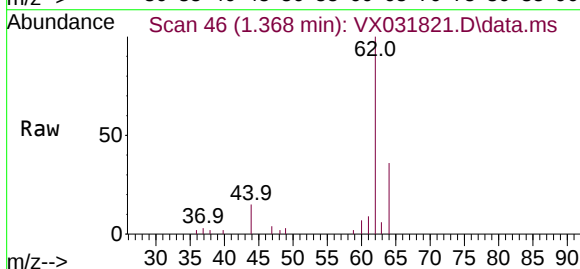
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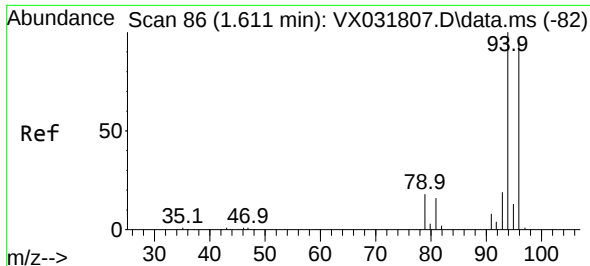
Tgt Ion: 62 Resp: 6464

Ion Ratio Lower Upper

62 100

64 36.5 25.7 38.5

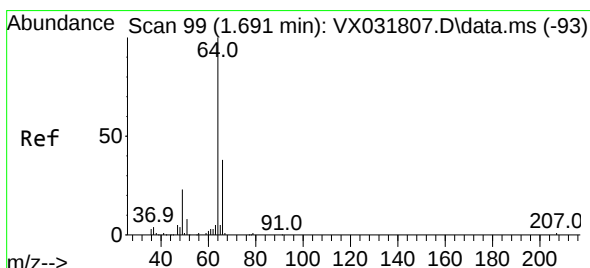
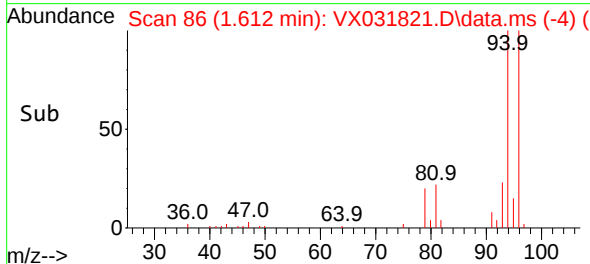
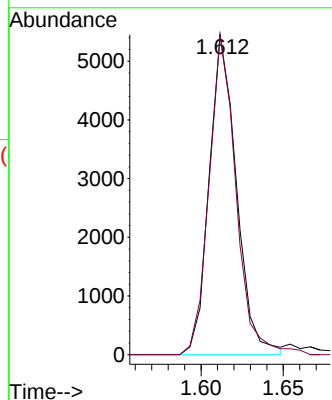
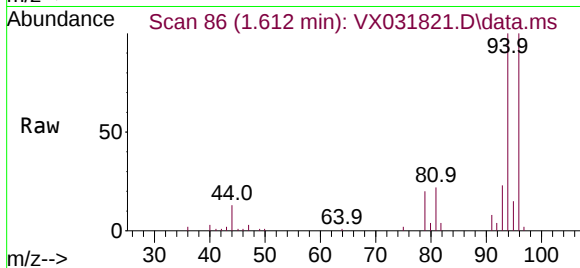




#5
Bromomethane
Concen: 6.325 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

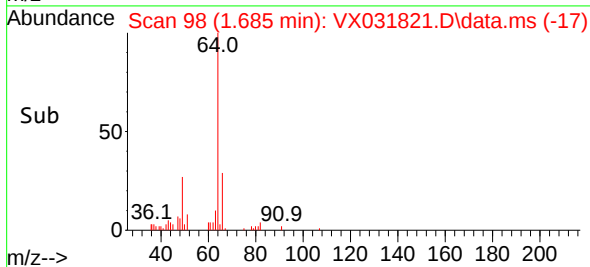
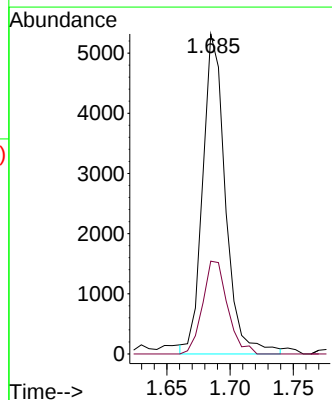
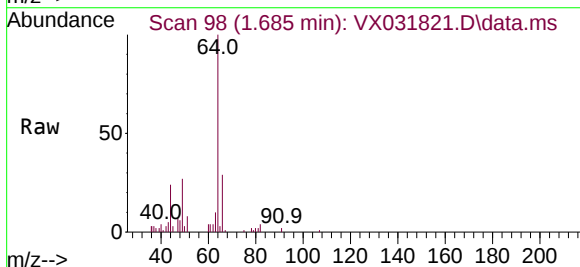
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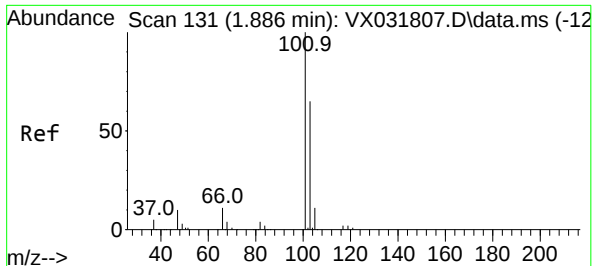
Tgt Ion: 94 Resp: 6286
Ion Ratio Lower Upper
94 100
96 99.7 76.8 115.2



#6
Chloroethane
Concen: 6.957 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 64 Resp: 6664
Ion Ratio Lower Upper
64 100
66 29.5 30.6 46.0#

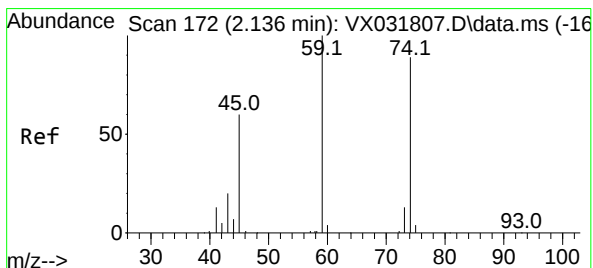
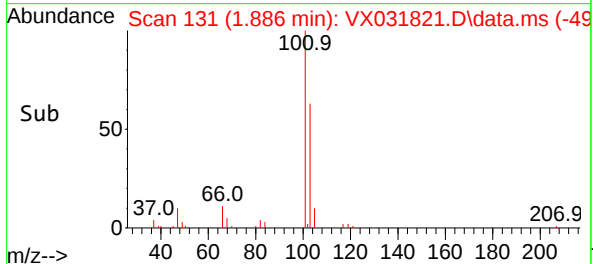
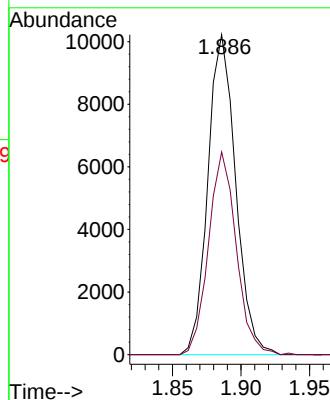
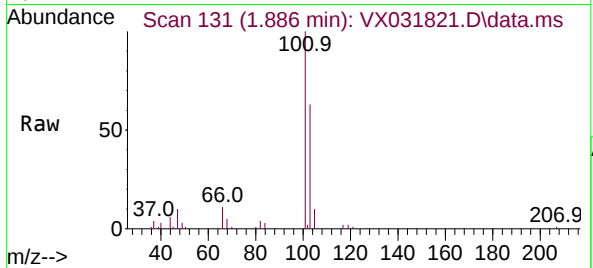




#7
 Trichlorofluoromethane
 Concen: 6.220 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031821.D
 Acq: 30 Sep 2022 19:03

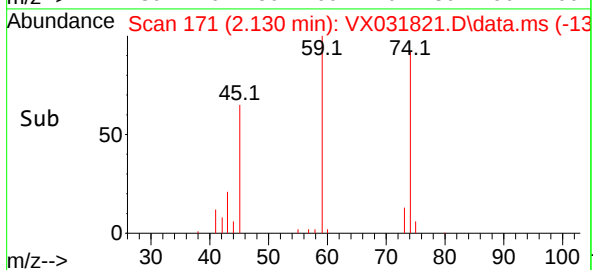
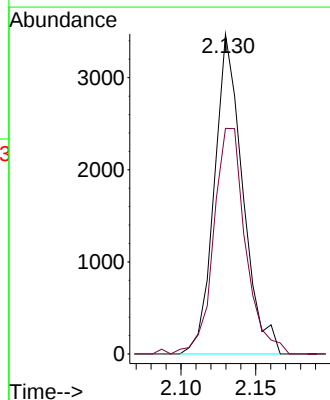
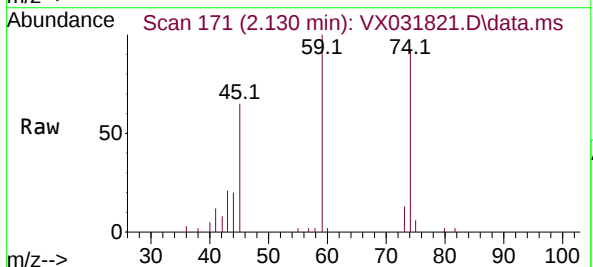
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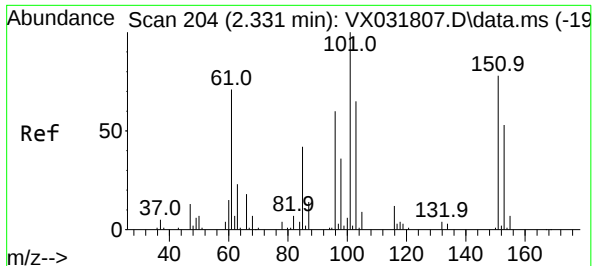
Tgt Ion:101 Resp: 14439
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 5.816 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX031821.D
 Acq: 30 Sep 2022 19:03

Tgt Ion: 74 Resp: 4575
 Ion Ratio Lower Upper
 74 100
 45 79.3 14.2 127.8

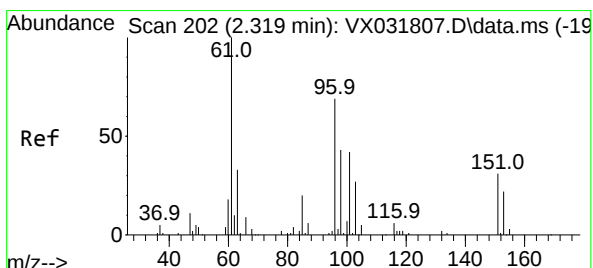
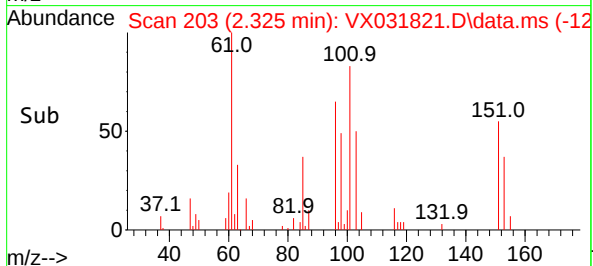
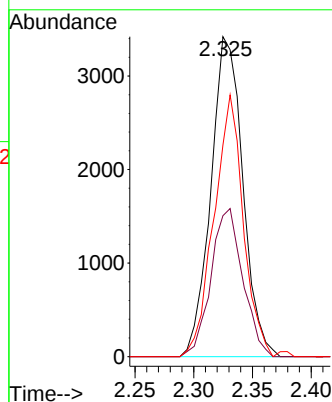
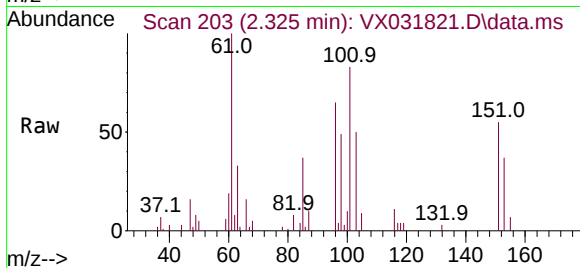




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.862 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
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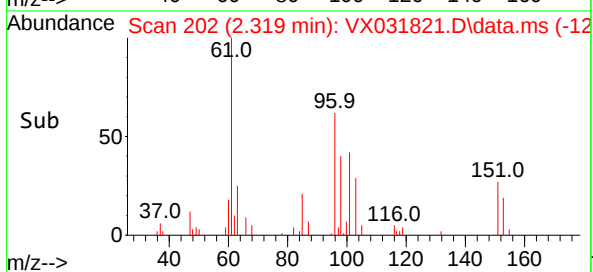
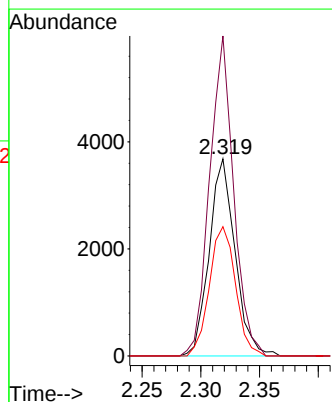
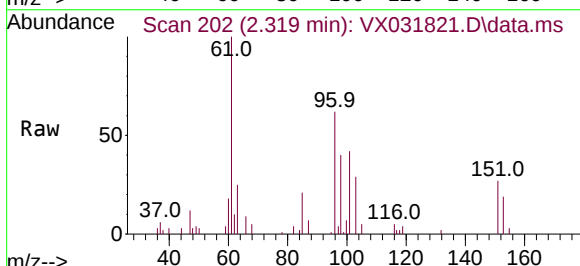
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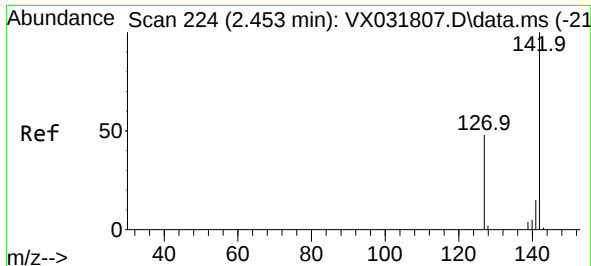
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Ion Ratio Lower Upper
101 100
85 46.1 0.0 88.8
151 74.9 0.0 156.6



#10
1,1-Dichloroethene
Concen: 5.545 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 96 Resp: 5643
Ion Ratio Lower Upper
96 100
61 162.3 115.8 173.6
98 65.6 49.7 74.5

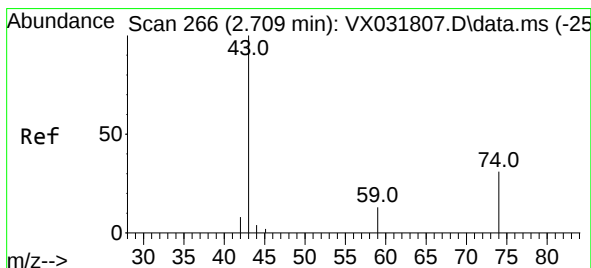
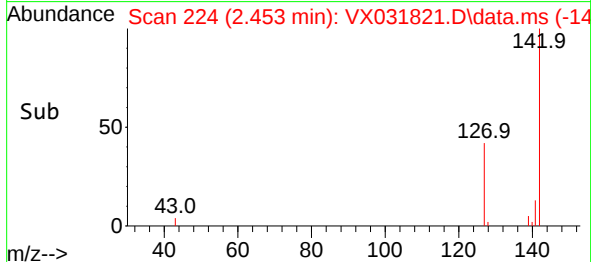
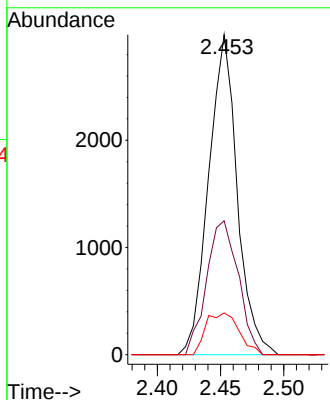
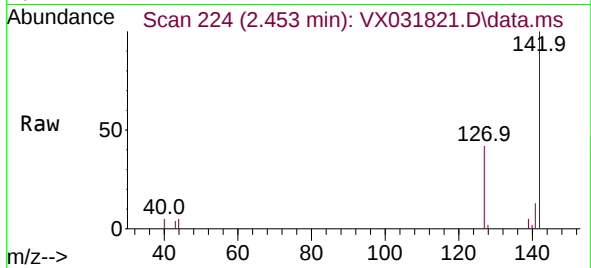




#11
Methyl Iodide
Concen: 4.212 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

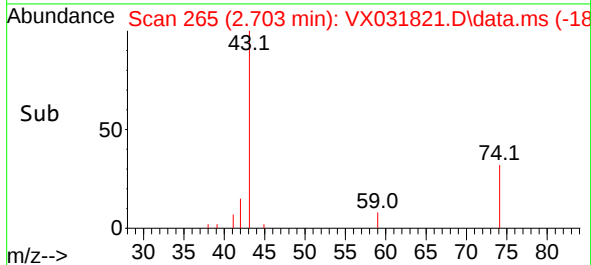
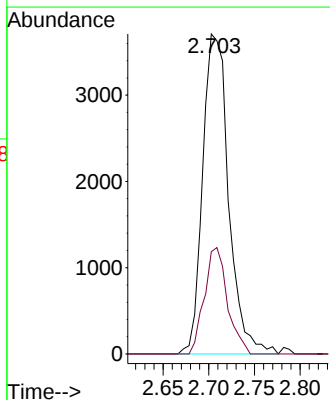
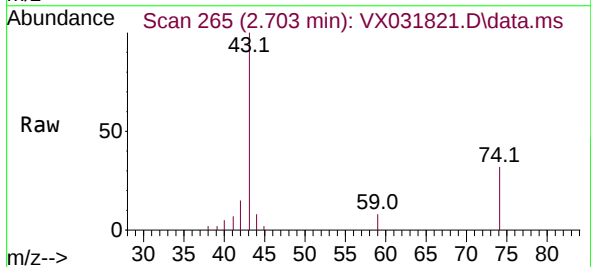
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

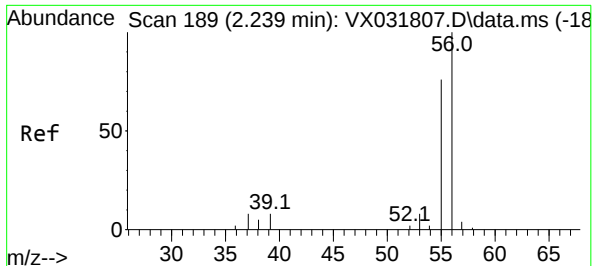
Tgt Ion:142 Resp: 4692
Ion Ratio Lower Upper
142 100
127 41.9 23.8 71.2
141 13.0 7.6 22.8



#12
Methyl Acetate
Concen: 6.294 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 43 Resp: 7318
Ion Ratio Lower Upper
43 100
74 32.0 24.8 37.2





#13

Acrolein

Concen: 35.327 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

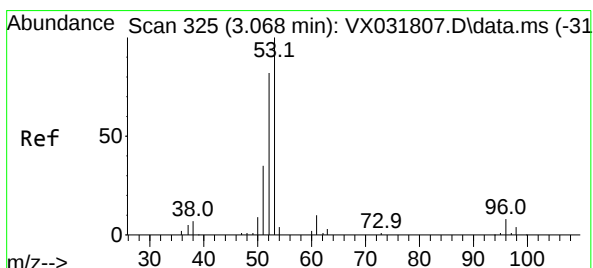
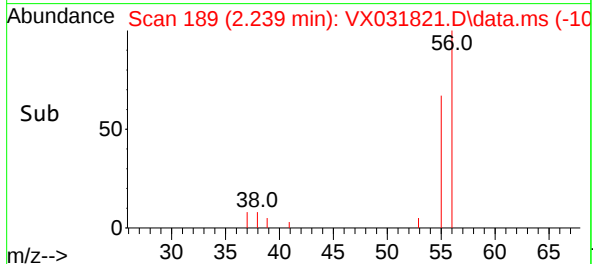
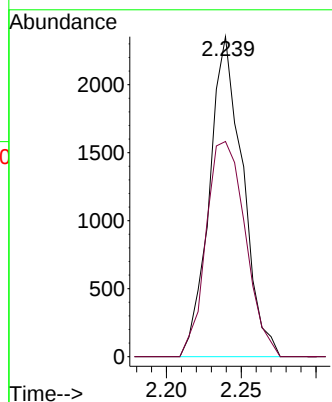
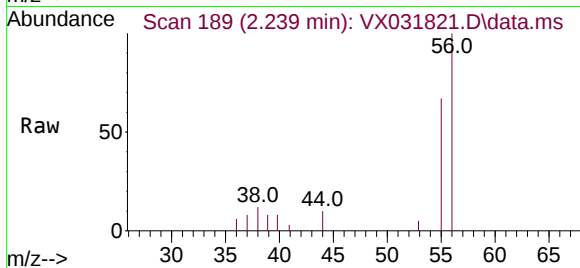
LOQ-WATER-02-QT3-2022

Tgt Ion: 56 Resp: 3638

Ion Ratio Lower Upper

56 100

55 79.4 58.4 87.6



#14

Acrylonitrile

Concen: 29.175 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

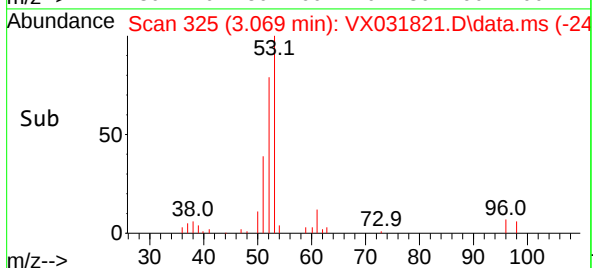
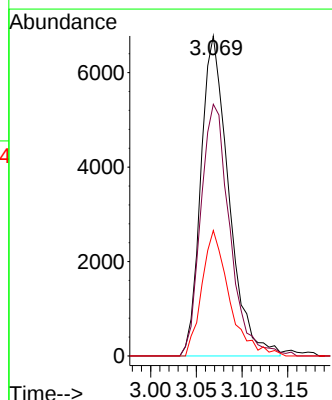
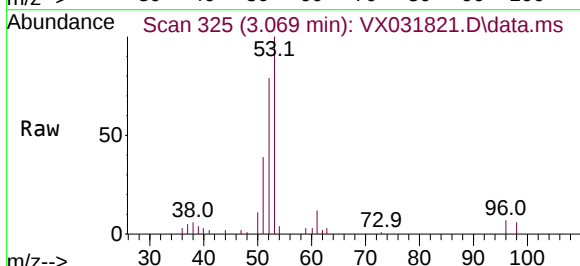
Tgt Ion: 53 Resp: 14397

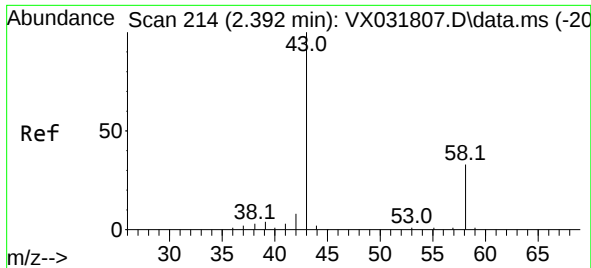
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.5

51 38.4 18.3 54.9





#15

Acetone

Concen: 30.505 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

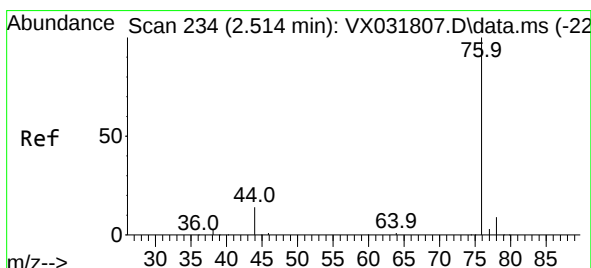
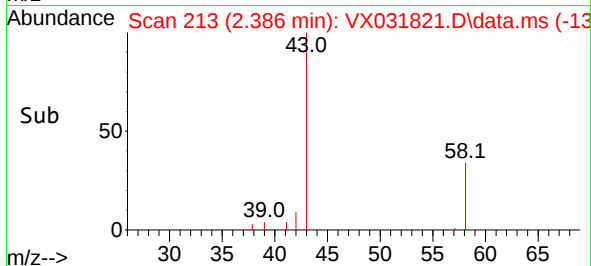
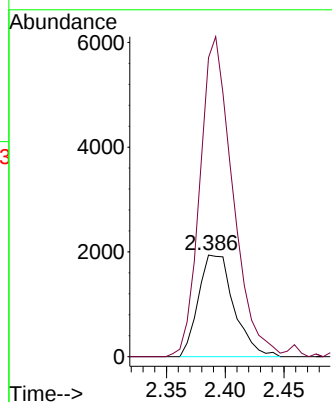
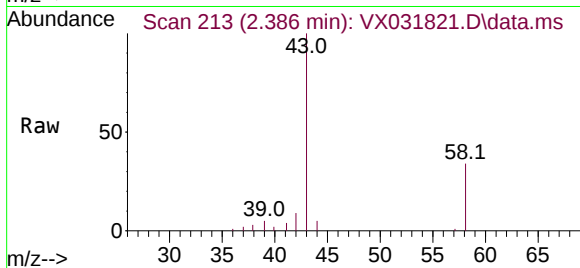
LOQ-WATER-02-QT3-2022

Tgt Ion: 58 Resp: 4078

Ion Ratio Lower Upper

58 100

43 290.7 242.6 364.0



#16

Carbon Disulfide

Concen: 5.343 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX031821.D

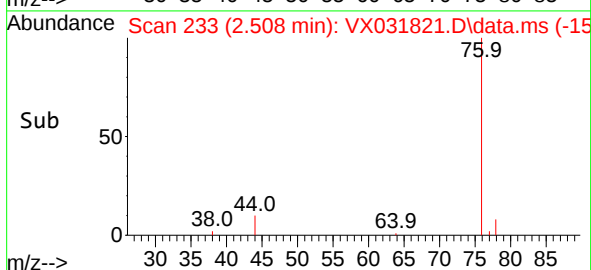
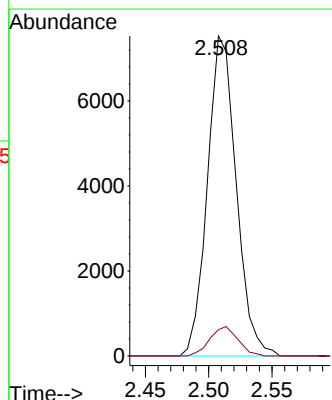
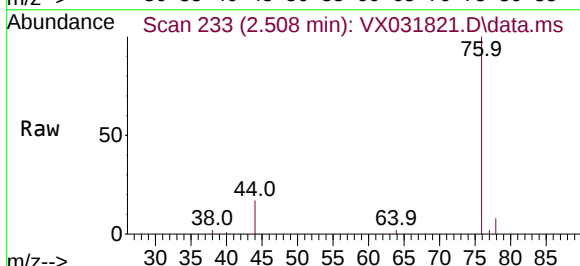
Acq: 30 Sep 2022 19:03

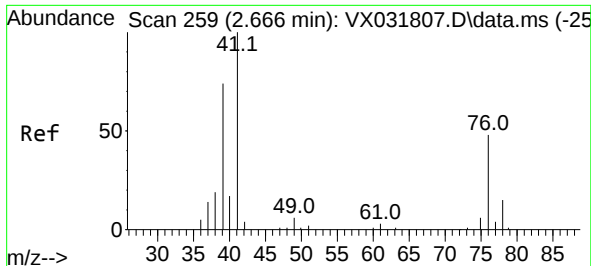
Tgt Ion: 76 Resp: 11929

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3





#17

Allyl chloride

Concen: 5.605 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

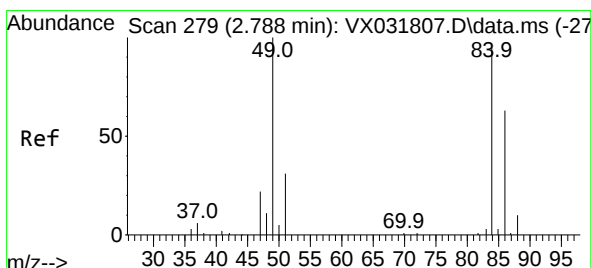
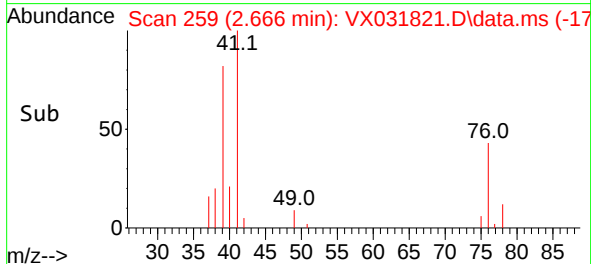
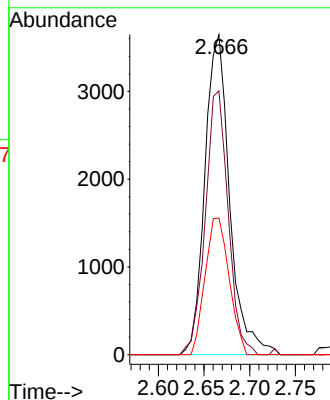
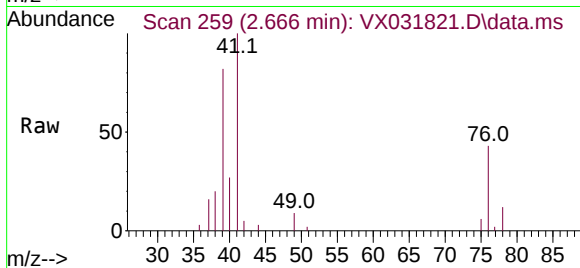
Tgt Ion: 41 Resp: 6904

Ion Ratio Lower Upper

41 100

39 82.4 37.0 111.0

76 42.7 23.8 71.5



#18

Methylene Chloride

Concen: 6.067 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Tgt Ion: 84 Resp: 7066

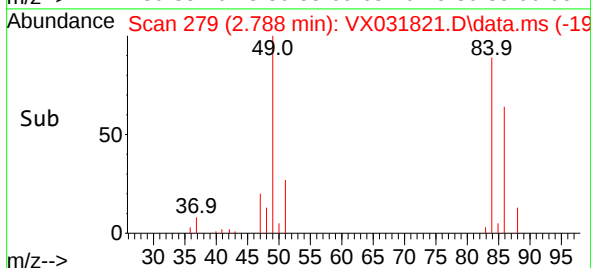
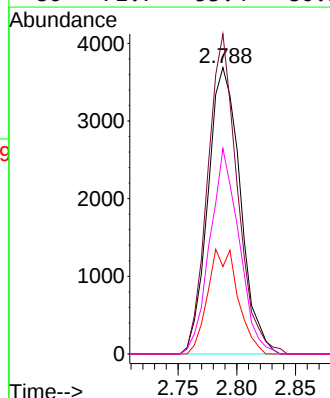
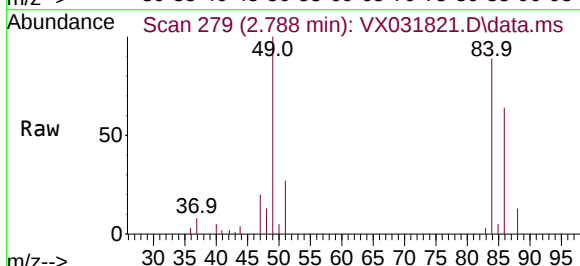
Ion Ratio Lower Upper

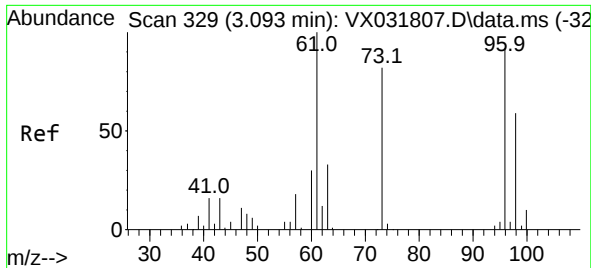
84 100

49 111.7 84.6 127.0

51 30.5 26.5 39.7

86 71.7 53.4 80.2

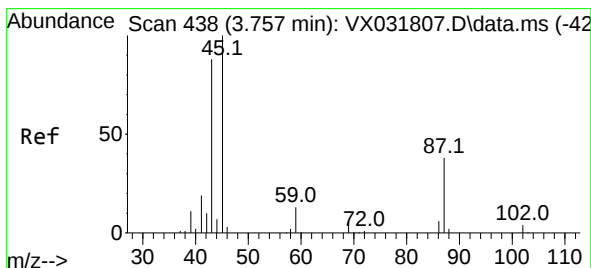
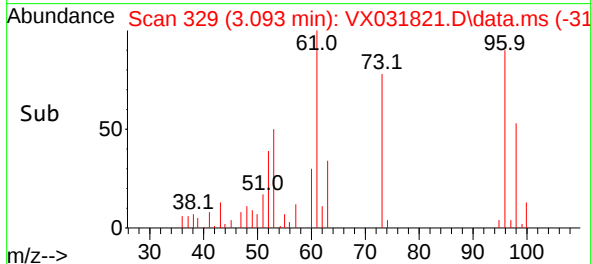
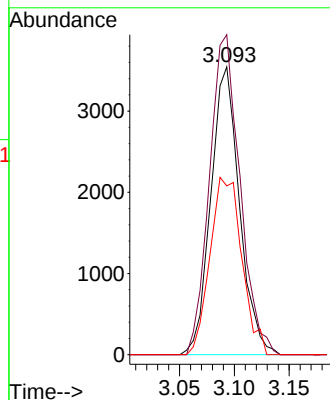
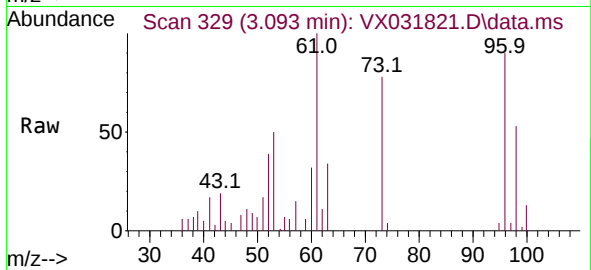




#19
trans-1,2-Dichloroethene
Concen: 5.473 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

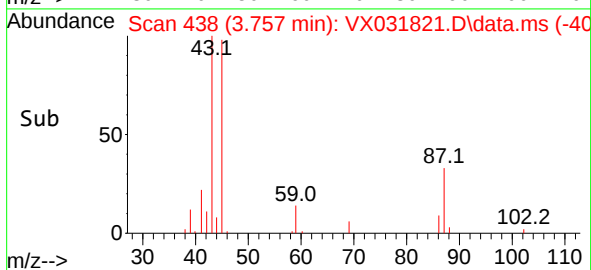
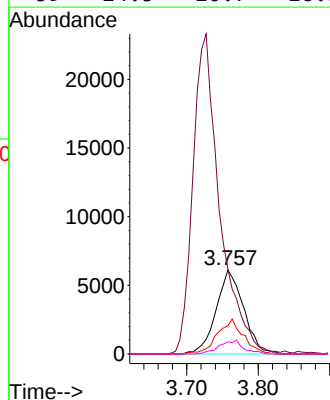
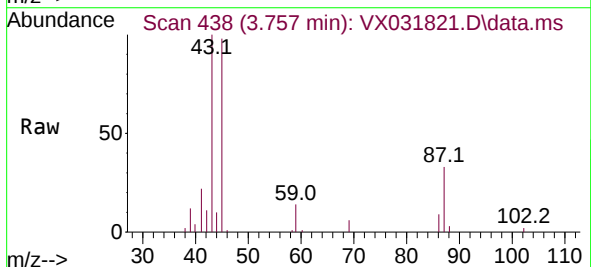
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

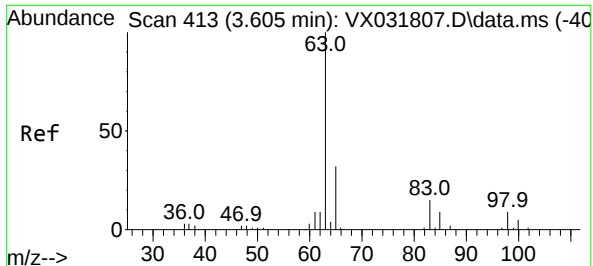
Tgt Ion: 96 Resp: 6449
Ion Ratio Lower Upper
96 100
61 111.2 87.4 131.0
98 58.6 51.5 77.3



#20
Diisopropyl ether
Concen: 5.755 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 45 Resp: 16290
Ion Ratio Lower Upper
45 100
43 99.5 74.5 111.7
87 33.6 30.4 45.6
59 14.5 10.7 16.1





#21

1,1-Dichloroethane

Concen: 5.993 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

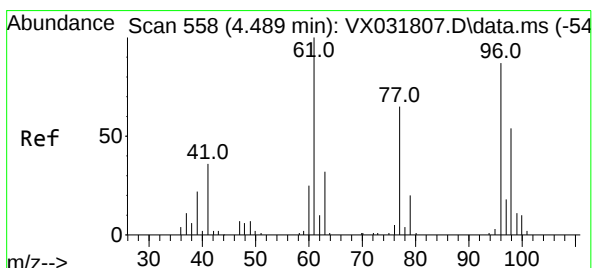
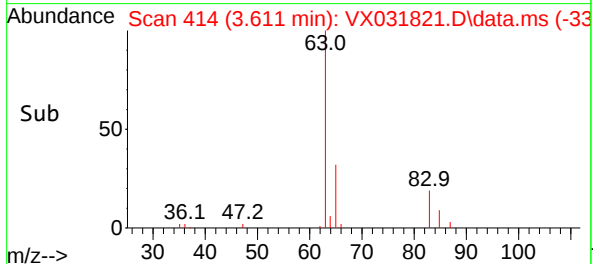
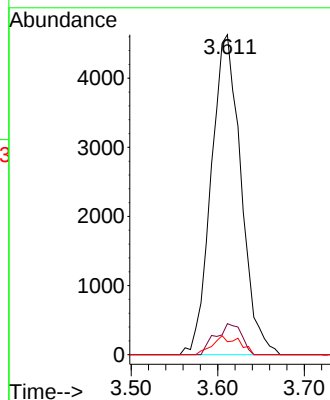
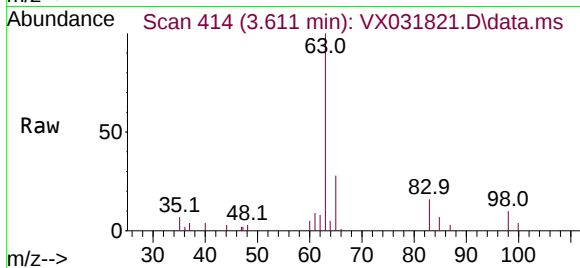
Tgt Ion: 63 Resp: 11067

Ion Ratio Lower Upper

63 100

98 9.7 4.5 13.7

100 4.0 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 5.481 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

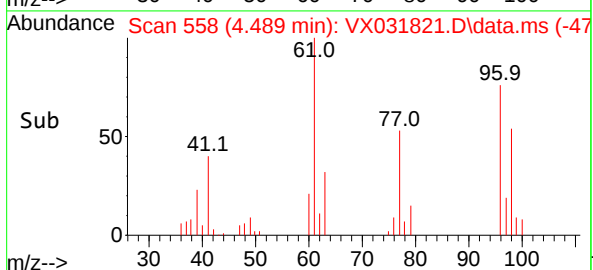
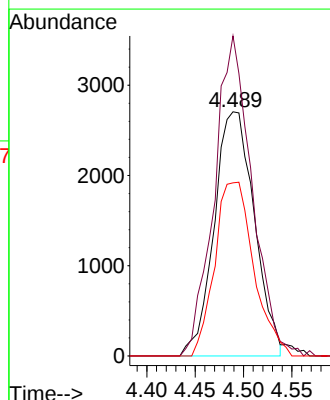
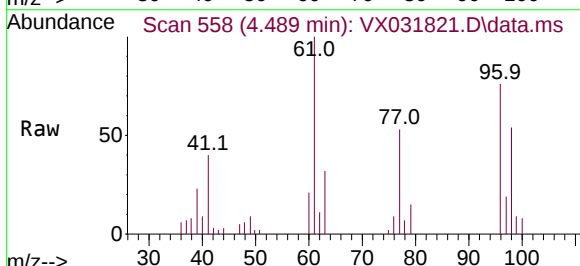
Tgt Ion: 96 Resp: 7802

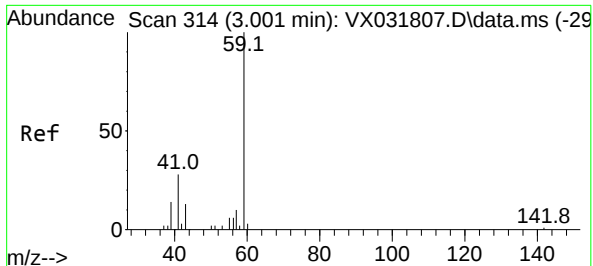
Ion Ratio Lower Upper

96 100

61 123.1 98.0 147.0

98 69.1 52.2 78.4

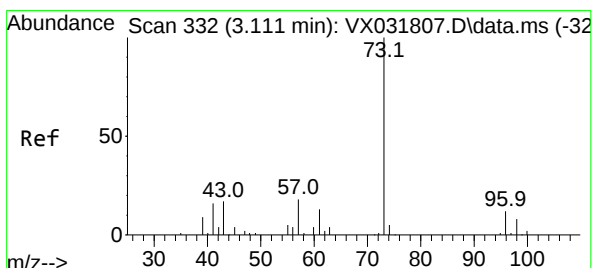
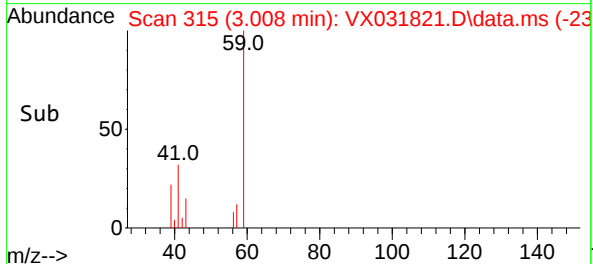
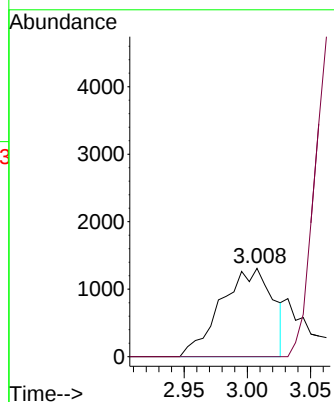
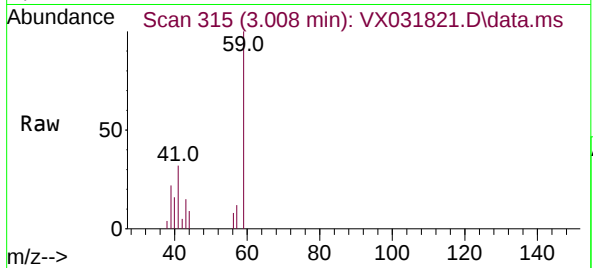




#23
tert-Butyl Alcohol
Concen: 20.288 ug/l
RT: 3.008 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

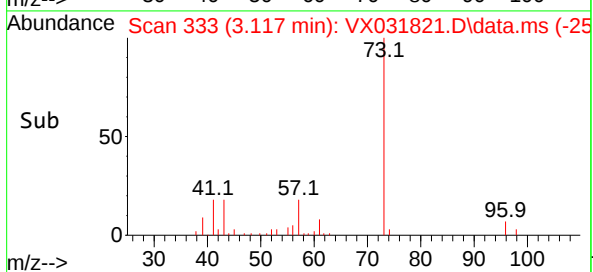
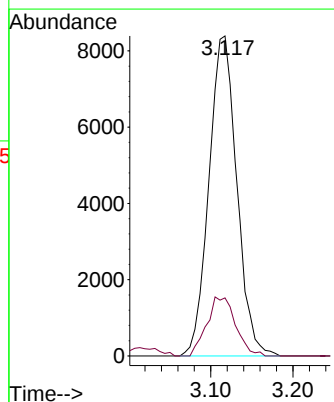
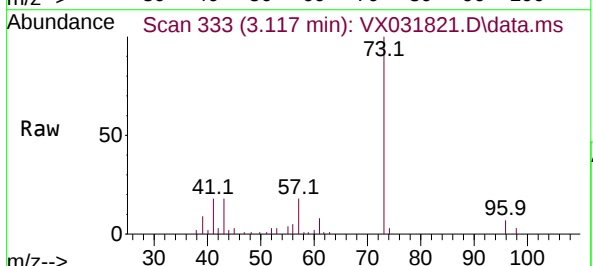
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

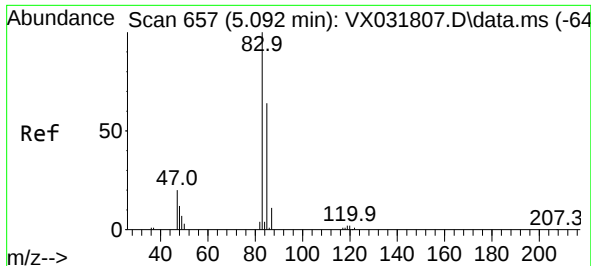
Tgt Ion: 59 Resp: 3732
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.655 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 73 Resp: 19779
Ion Ratio Lower Upper
73 100
43 18.8 14.8 22.2

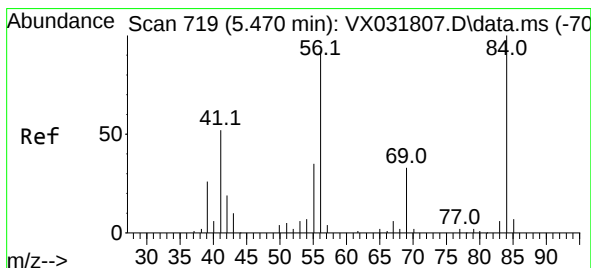
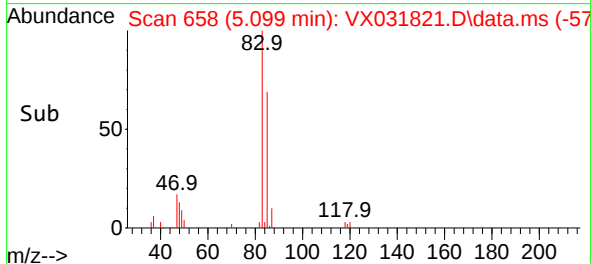
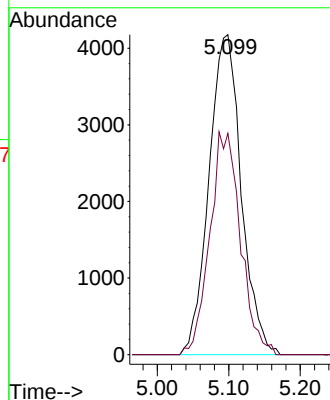
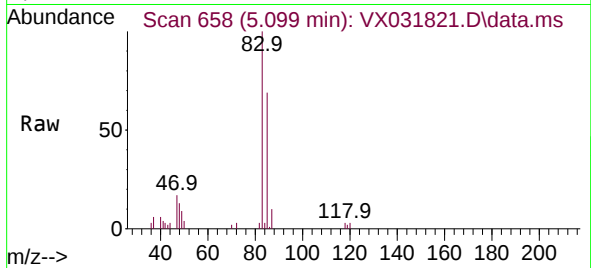




#25
Chloroform
Concen: 5.782 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

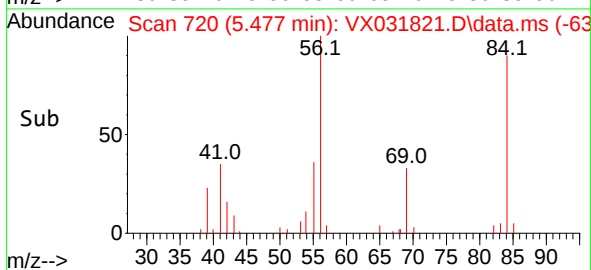
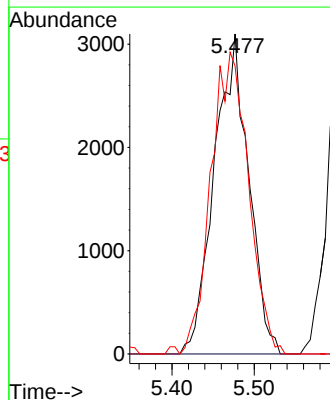
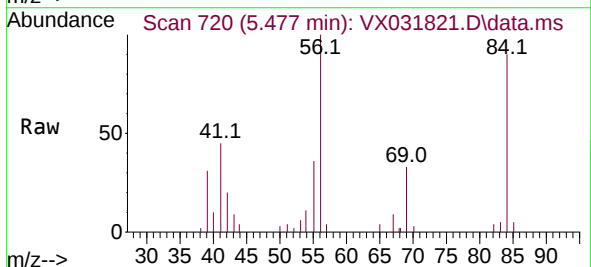
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

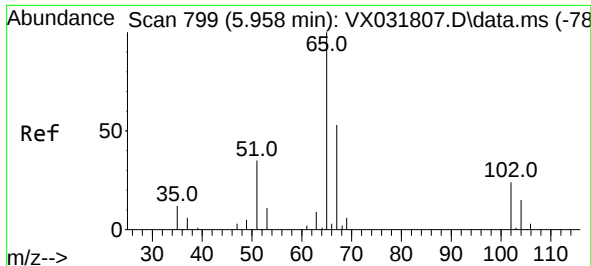
Tgt Ion: 83 Resp: 13109
Ion Ratio Lower Upper
83 100
85 69.1 51.4 77.0



#26
Cyclohexane
Concen: 5.885 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 56 Resp: 8965
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.7 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 32.522 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

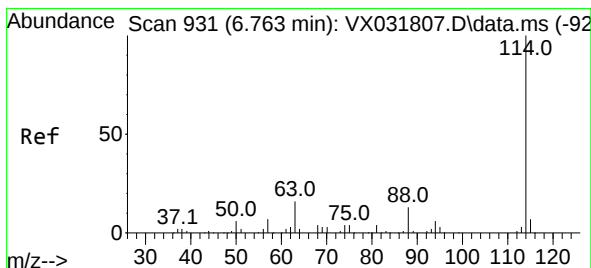
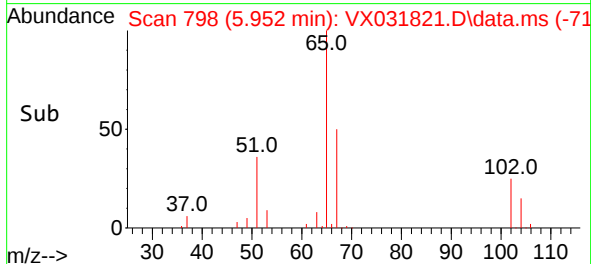
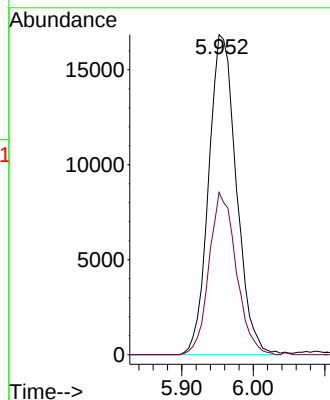
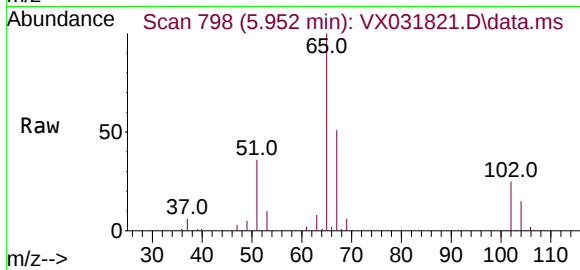
LOQ-WATER-02-QT3-2022

Tgt Ion: 65 Resp: 45369

Ion Ratio Lower Upper

65 100

67 49.7 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

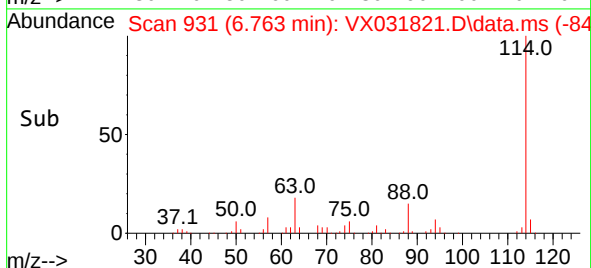
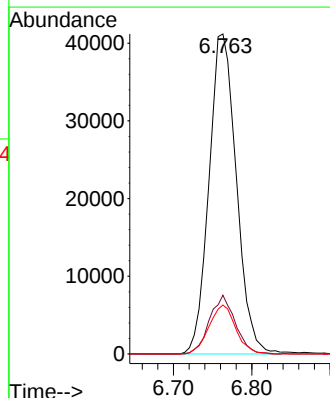
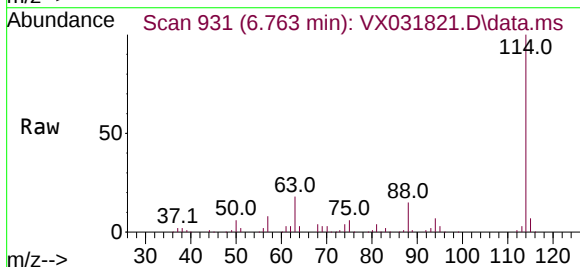
Tgt Ion: 114 Resp: 99979

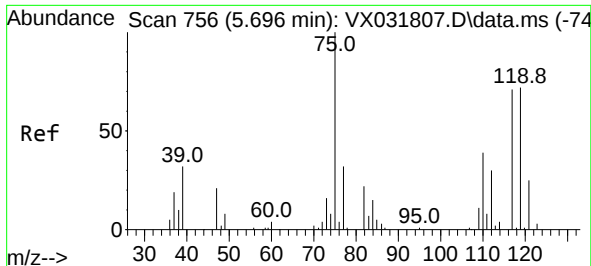
Ion Ratio Lower Upper

114 100

63 17.3 13.6 20.4

88 14.9 11.8 17.6





#29

1,1-Dichloropropene

Concen: 5.464 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

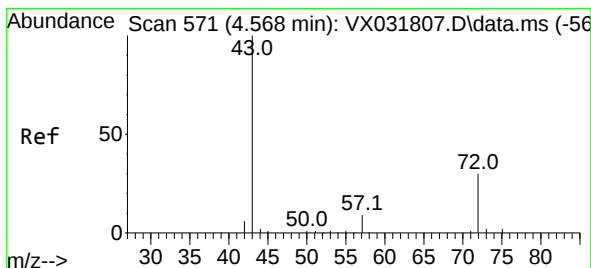
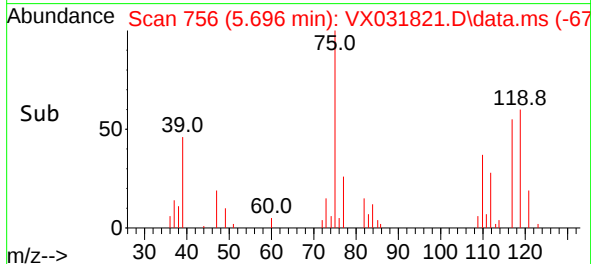
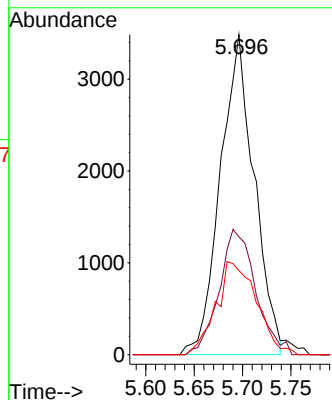
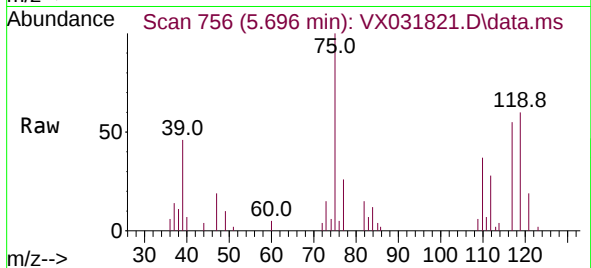
Tgt Ion: 75 Resp: 8468

Ion Ratio Lower Upper

75 100

110 42.4 0.0 80.4

77 34.3 0.0 62.0



#30

2-Butanone

Concen: 29.524 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

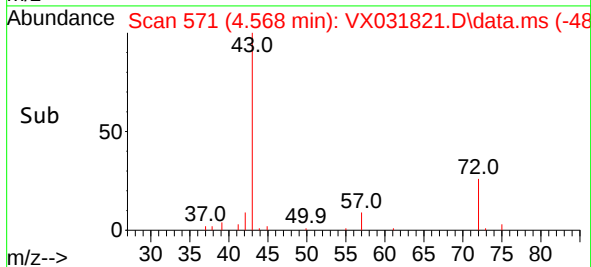
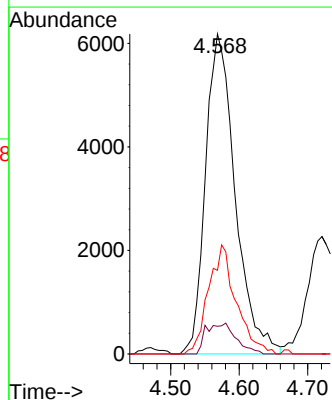
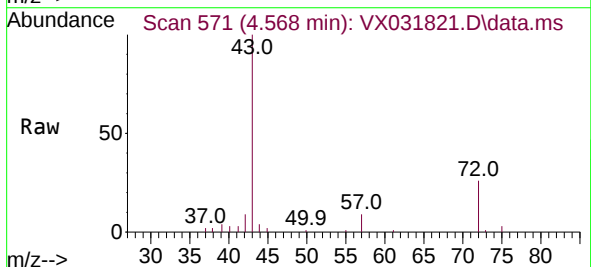
Tgt Ion: 43 Resp: 18625

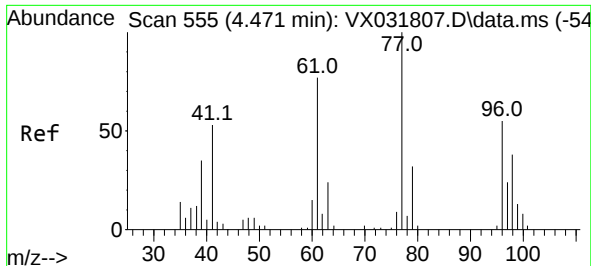
Ion Ratio Lower Upper

43 100

57 0.6 7.5 11.3

72 31.8 26.6 39.8

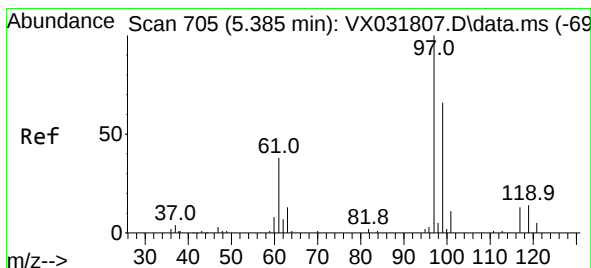
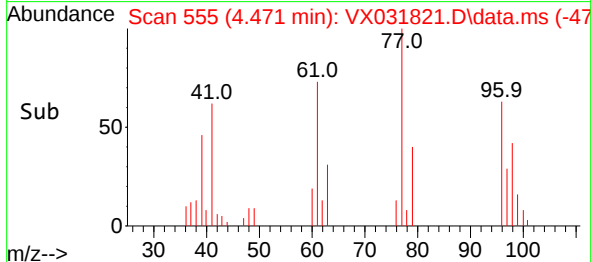
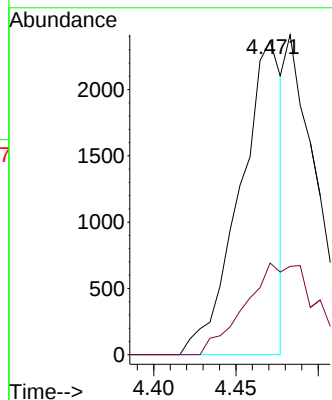
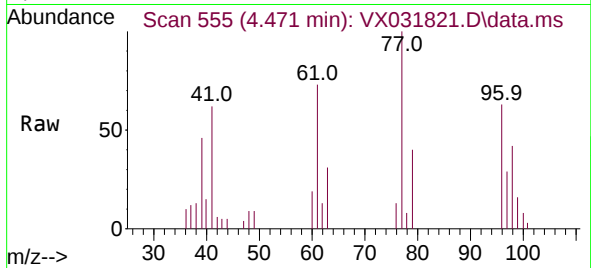




#31
2,2-Dichloropropane
Concen: 2.707 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

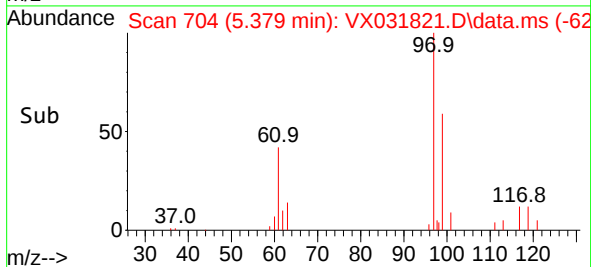
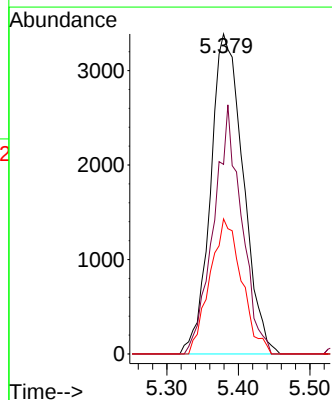
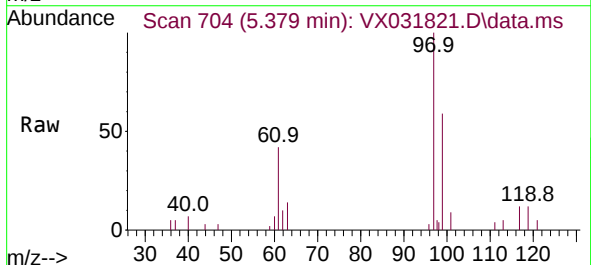
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

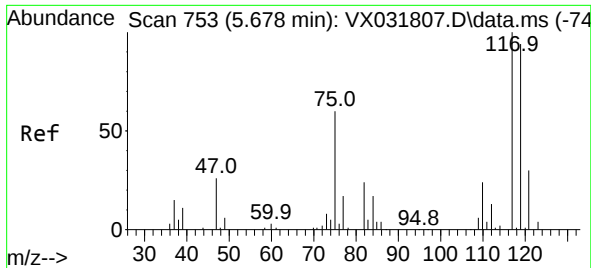
Tgt Ion: 77 Resp: 4200
Ion Ratio Lower Upper
77 100
97 26.6 20.0 30.0



#32
1,1,1-Trichloroethane
Concen: 5.228 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 97 Resp: 10726
Ion Ratio Lower Upper
97 100
99 66.9 53.8 80.6
61 40.3 31.3 46.9

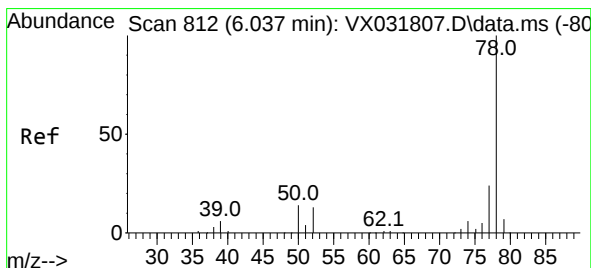
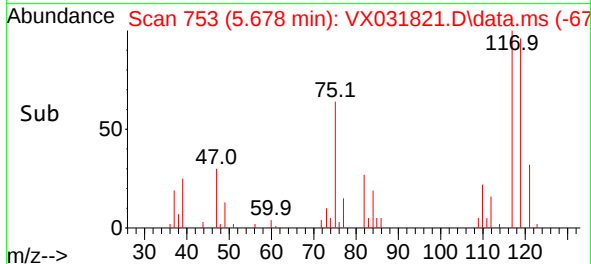
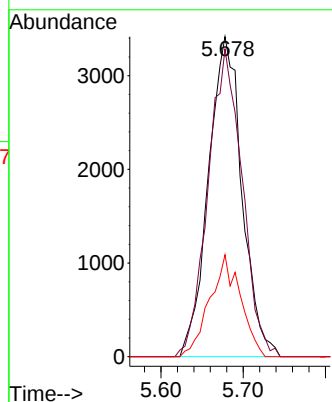
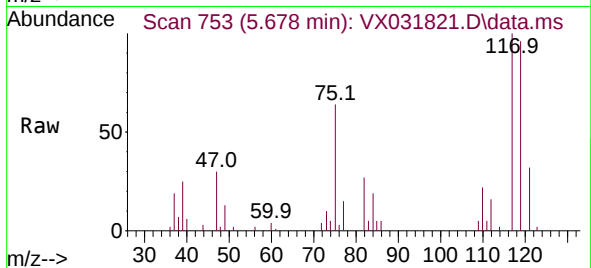




#33
Carbon Tetrachloride
Concen: 5.157 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

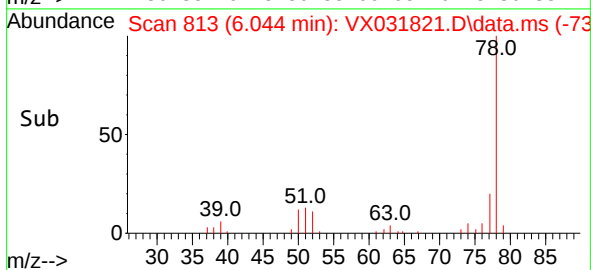
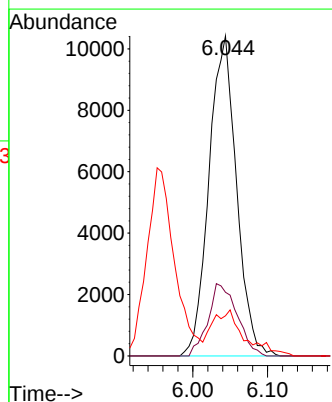
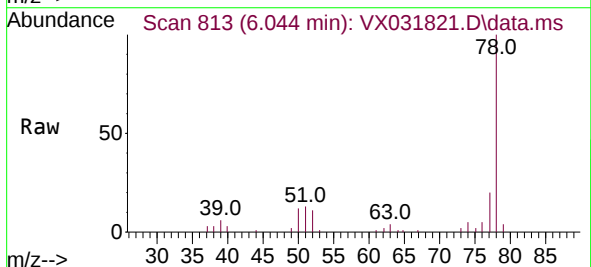
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

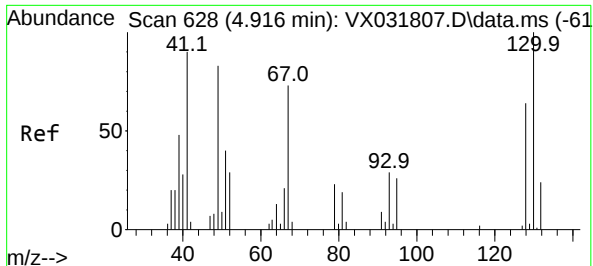
Tgt Ion:	117	Resp:	9701
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.2
121	31.9	24.4	36.6



#34
Benzene
Concen: 5.813 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

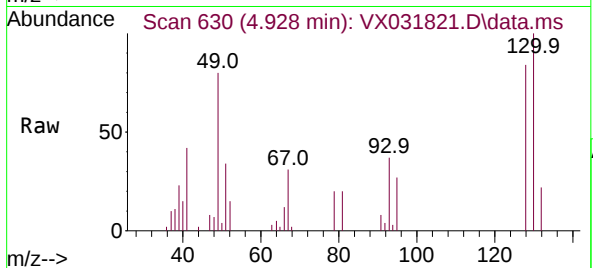
Tgt Ion:	78	Resp:	26658
Ion	Ratio	Lower	Upper
78	100		
77	19.9	19.0	28.6
51	11.2	10.6	15.8



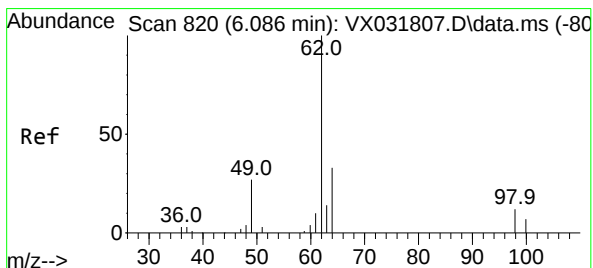
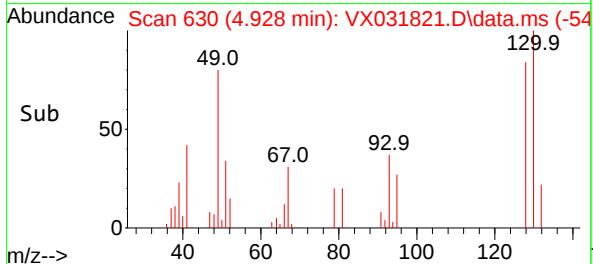
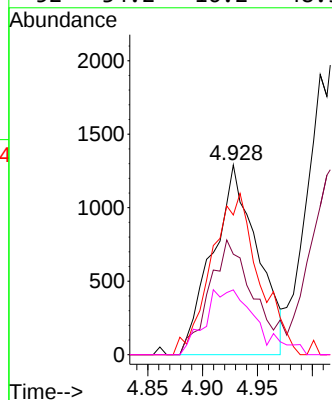


#35
Methacrylonitrile
Concen: 5.547 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

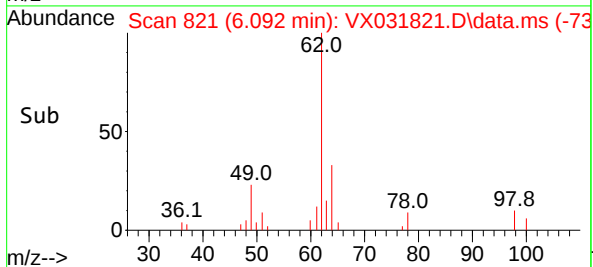
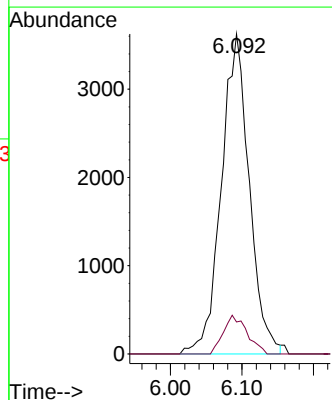
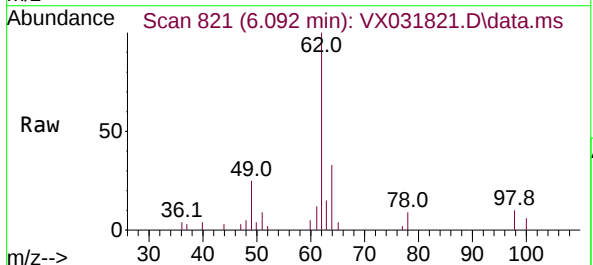


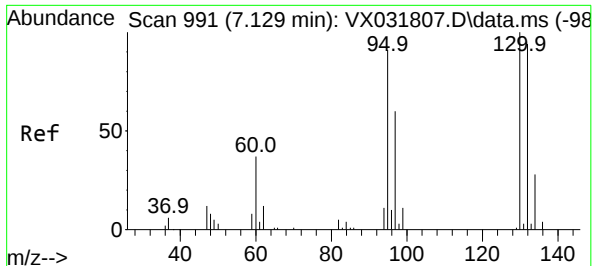
Tgt Ion:	41	Resp:	3657
Ion	Ratio	Lower	Upper
41	100		
39	53.0	26.9	80.7
67	64.4	40.6	121.8
52	34.2	16.2	48.5



#36
1,2-Dichloroethane
Concen: 6.080 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:	62	Resp:	9824
Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.8	13.2





#37

Trichloroethene

Concen: 5.502 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

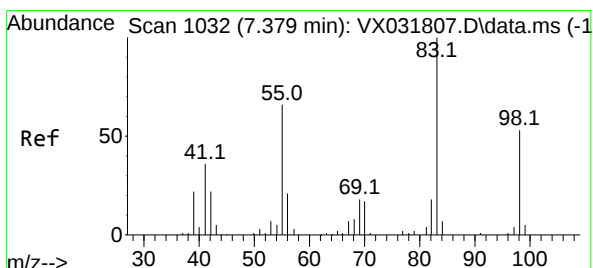
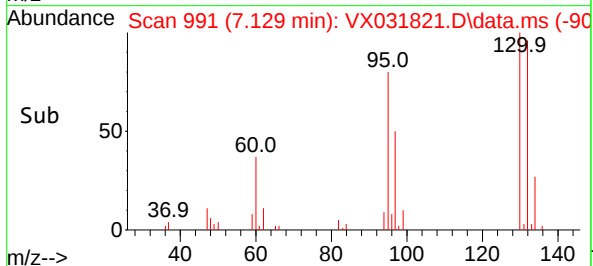
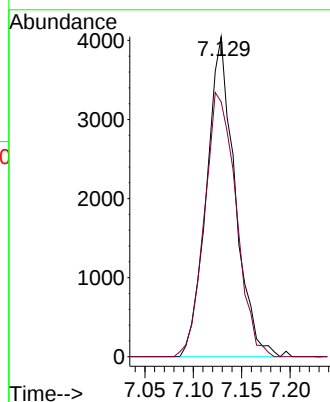
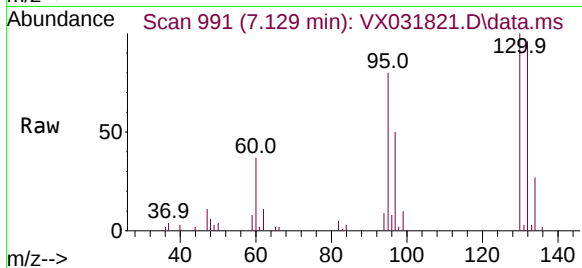
LOQ-WATER-02-QT3-2022

Tgt Ion:130 Resp: 8233

Ion Ratio Lower Upper

130 100

95 79.6 72.4 108.6



#38

Methylcyclohexane

Concen: 5.363 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

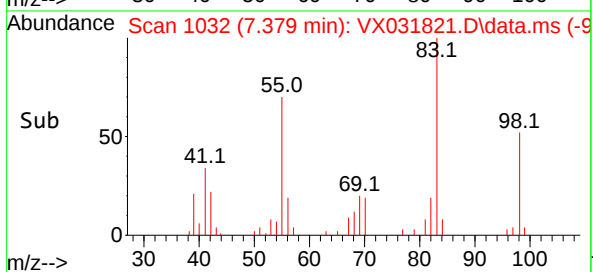
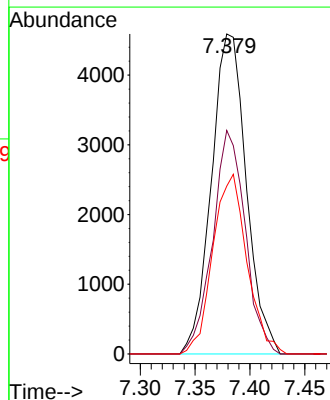
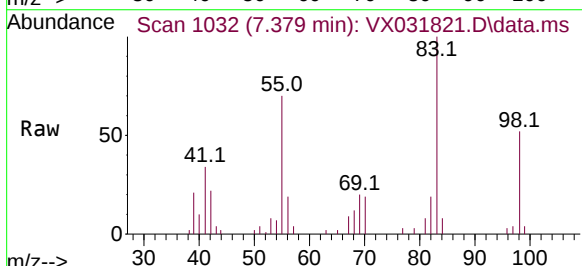
Tgt Ion: 83 Resp: 10174

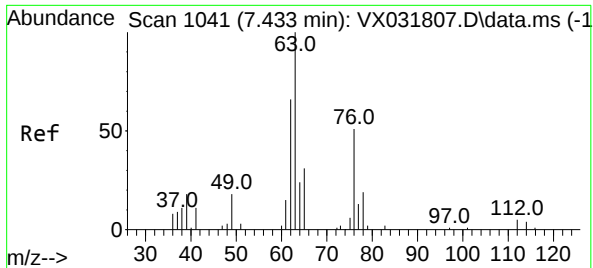
Ion Ratio Lower Upper

83 100

55 65.1 31.6 94.7

98 55.0 26.9 80.6





#39

1,2-Dichloropropane

Concen: 5.598 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

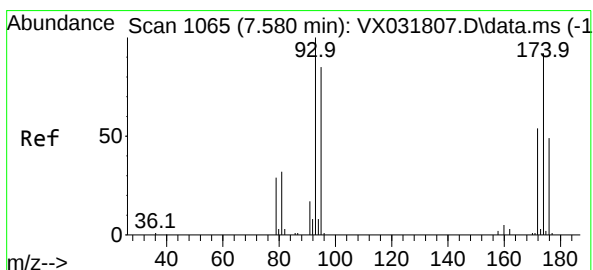
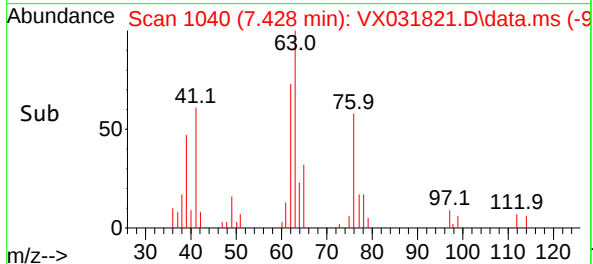
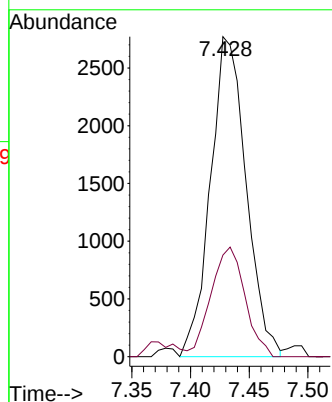
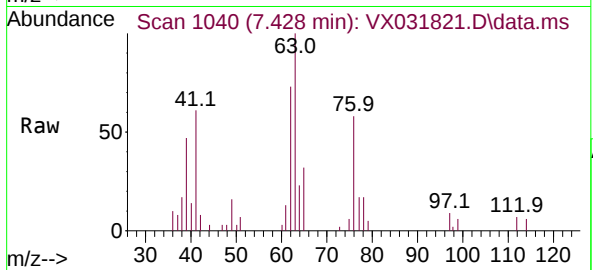
LOQ-WATER-02-QT3-2022

Tgt Ion: 63 Resp: 5868

Ion Ratio Lower Upper

63 100

65 31.8 26.5 39.7



#40

Dibromomethane

Concen: 5.581 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

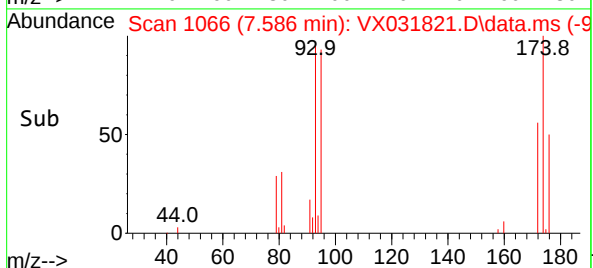
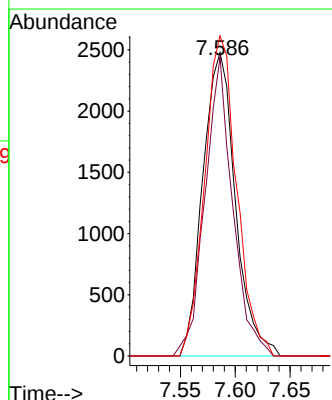
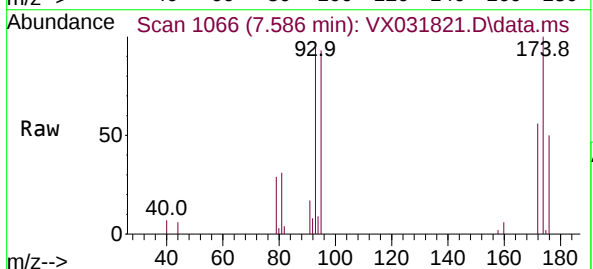
Tgt Ion: 93 Resp: 5117

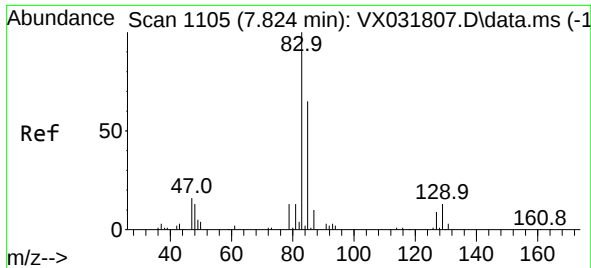
Ion Ratio Lower Upper

93 100

95 83.8 0.0 165.0

174 103.9 0.0 205.2

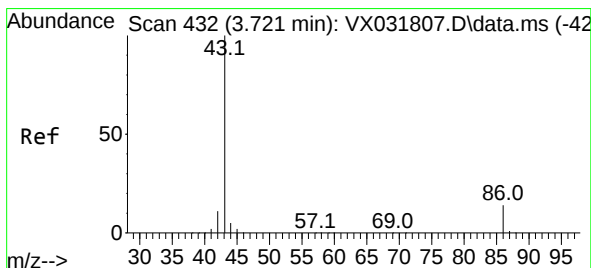
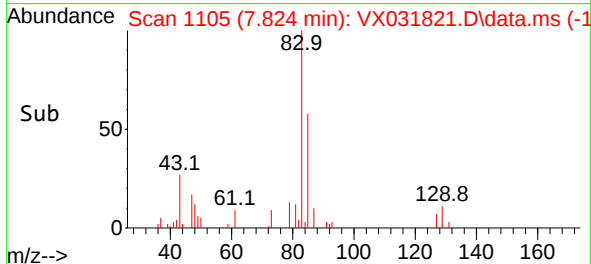
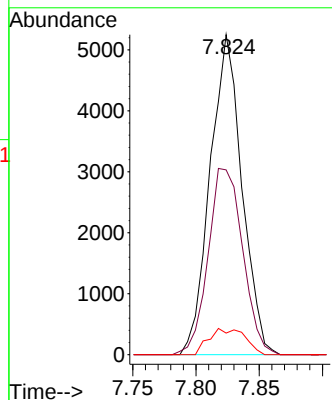
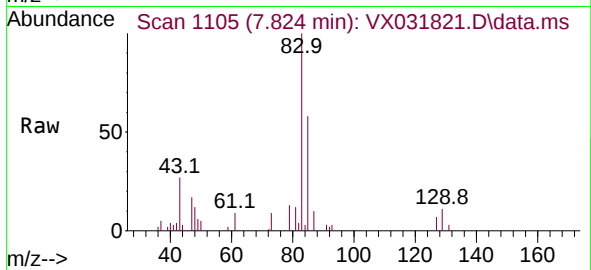




#41
Bromodichloromethane
Concen: 5.529 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

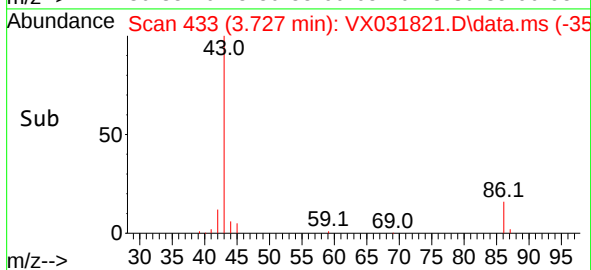
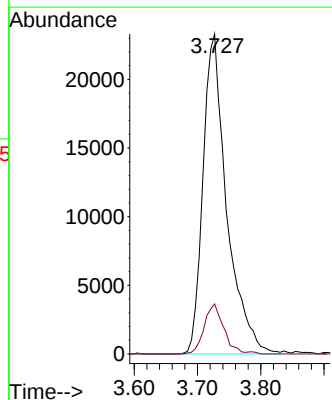
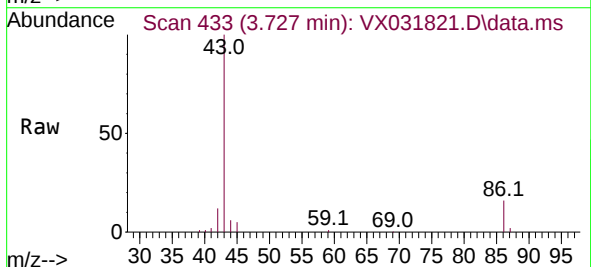
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

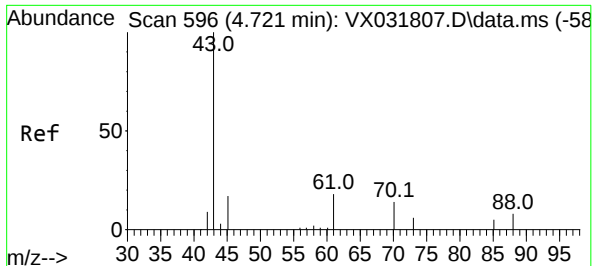
Tgt Ion:	83	Resp:	9195
Ion	Ratio	Lower	Upper
83	100		
85	57.8	52.3	78.5
127	6.7	6.8	10.2#



#42
Vinyl Acetate
Concen: 26.721 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:	43	Resp:	60787
Ion	Ratio	Lower	Upper
43	100		
86	12.8	10.3	15.5





#43

Ethyl Acetate

Concen: 5.142 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

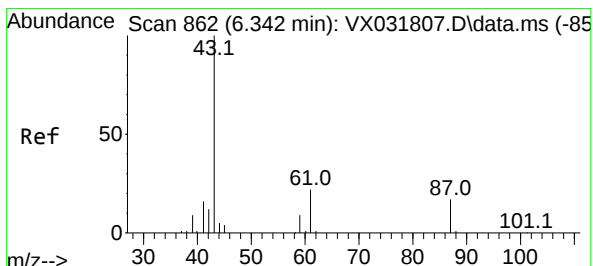
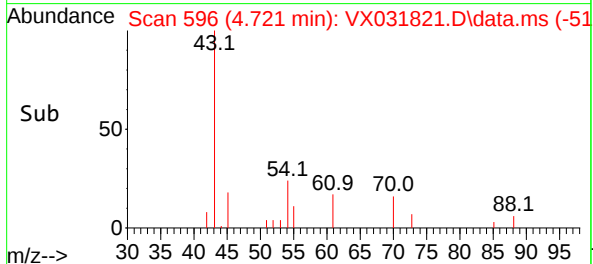
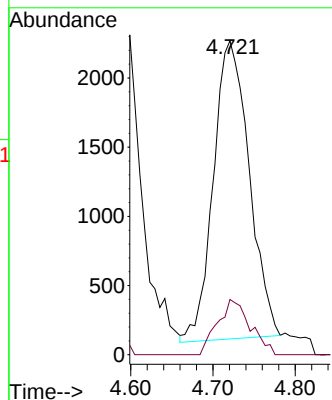
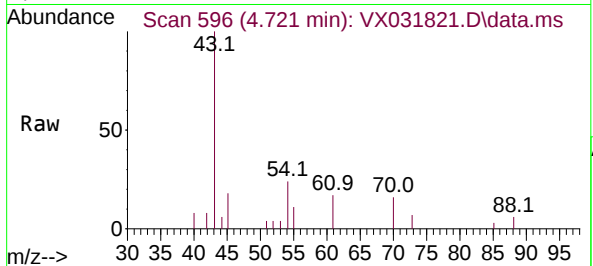
LOQ-WATER-02-QT3-2022

Tgt Ion: 43 Resp: 6518

Ion Ratio Lower Upper

43 100

45 16.9 8.2 12.2#



#44

Isopropyl Acetate

Concen: 5.314 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031821.D

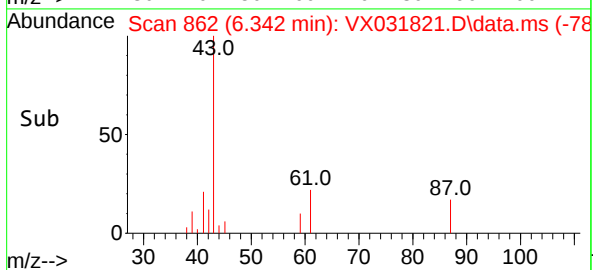
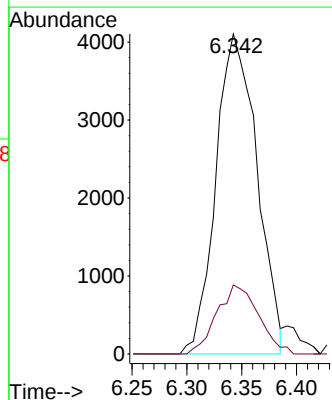
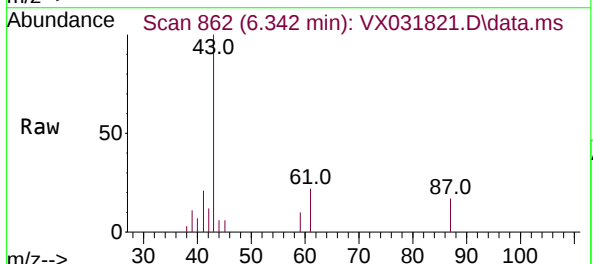
Acq: 30 Sep 2022 19:03

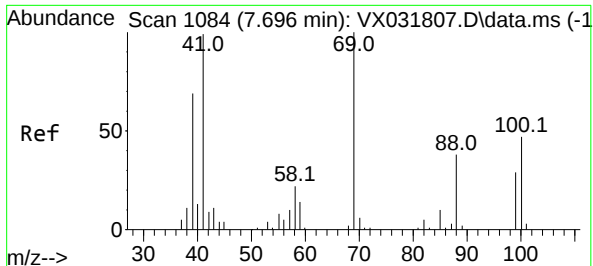
Tgt Ion: 43 Resp: 10705

Ion Ratio Lower Upper

43 100

61 21.8 17.2 25.8





#45

1,4-Dioxane

Concen: 62.784 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

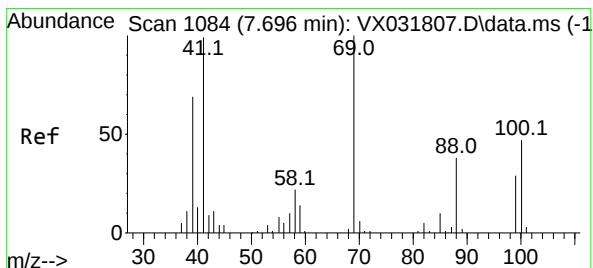
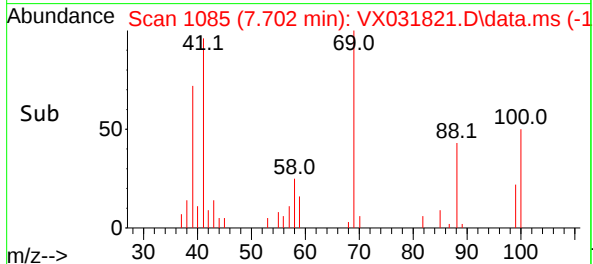
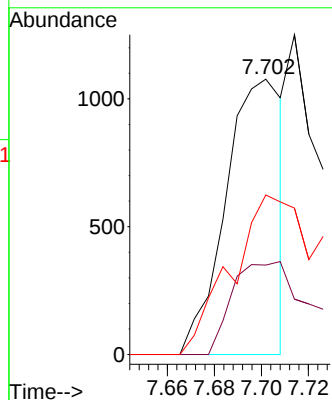
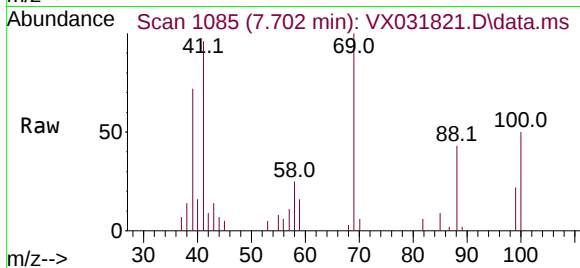
Tgt Ion: 88 Resp: 1810

Ion Ratio Lower Upper

88 100

43 49.0 20.4 30.6#

58 87.0 44.0 66.0#



#46

Methyl methacrylate

Concen: 5.857 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

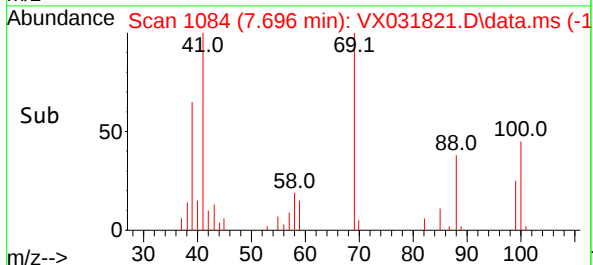
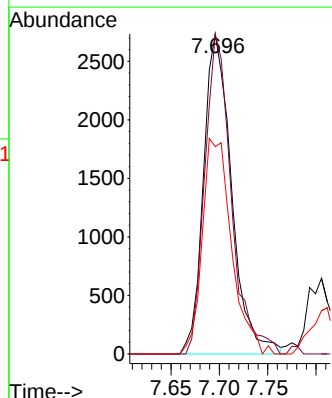
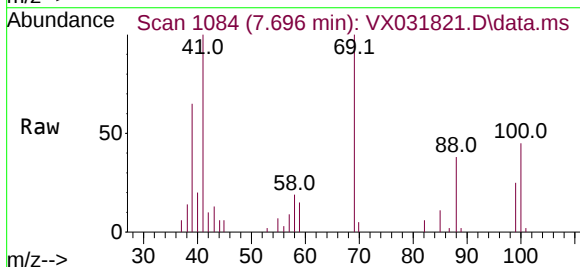
Tgt Ion: 41 Resp: 5508

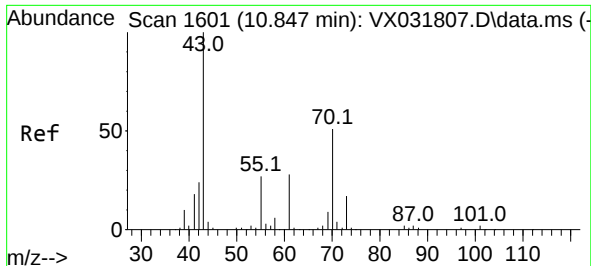
Ion Ratio Lower Upper

41 100

69 99.9 50.5 151.5

39 64.8 34.6 103.8





#47

n-amy1 Acetate

Concen: 4.494 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

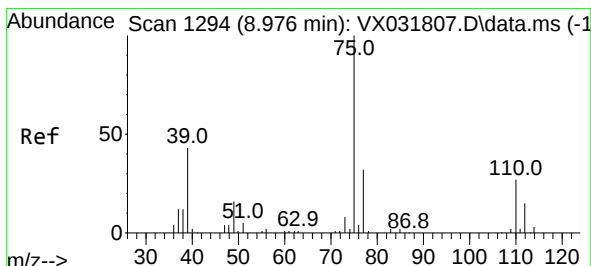
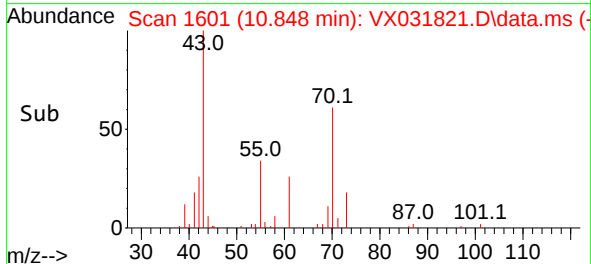
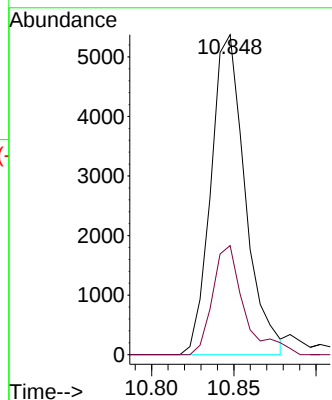
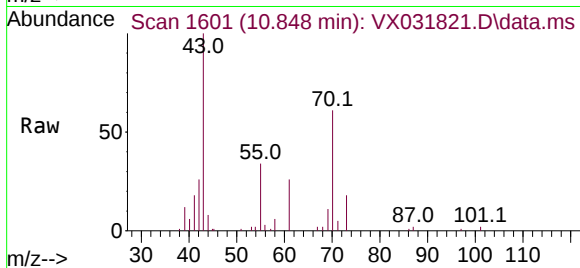
LOQ-WATER-02-QT3-2022

Tgt Ion: 43 Resp: 7776

Ion Ratio Lower Upper

43 100

55 28.8 21.6 32.4



#48

t-1,3-Dichloropropene

Concen: 4.526 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX031821.D

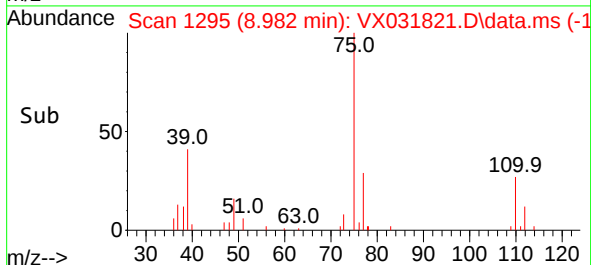
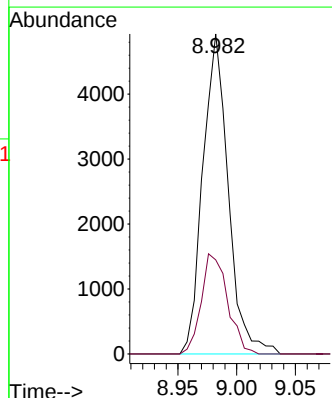
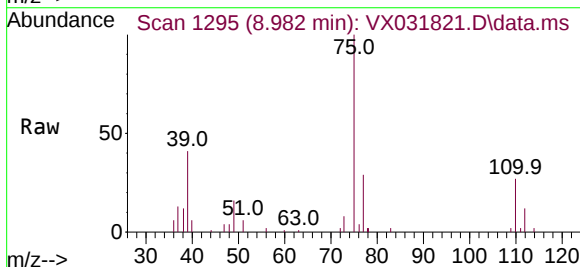
Acq: 30 Sep 2022 19:03

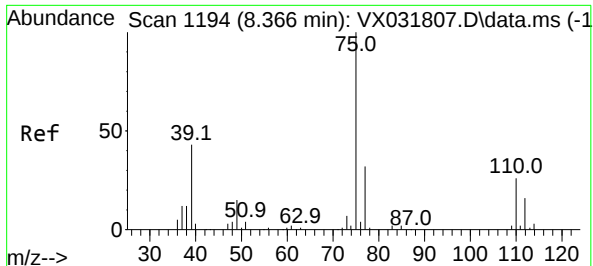
Tgt Ion: 75 Resp: 7419

Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 4.591 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

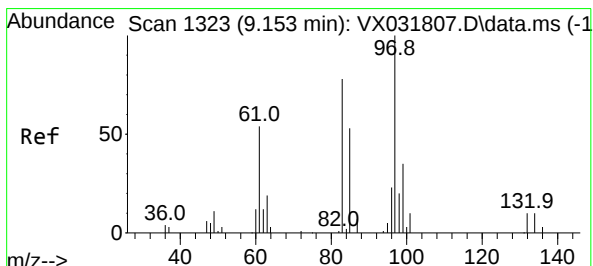
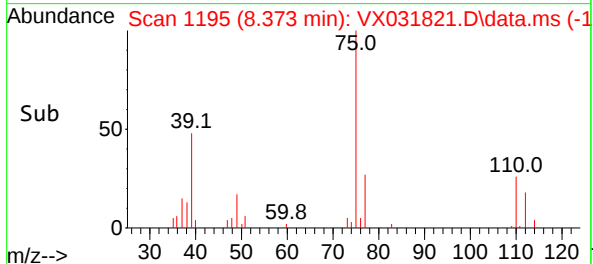
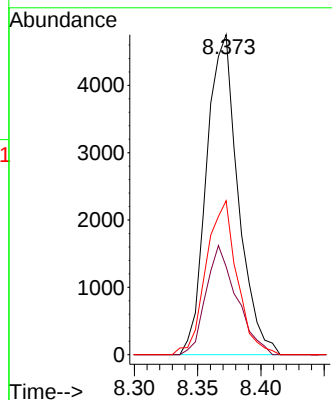
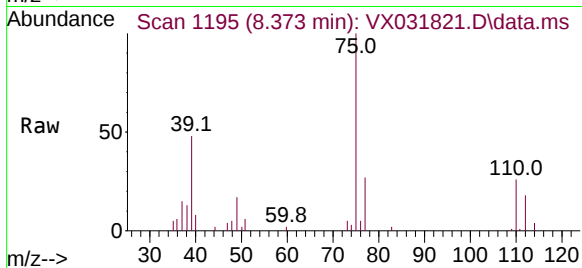
Tgt Ion: 75 Resp: 8257

Ion Ratio Lower Upper

75 100

77 27.5 25.7 38.5

39 48.1 34.1 51.1



#50

1,1,2-Trichloroethane

Concen: 5.502 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Tgt Ion: 97 Resp: 7306

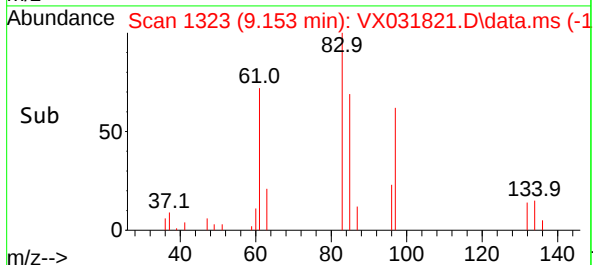
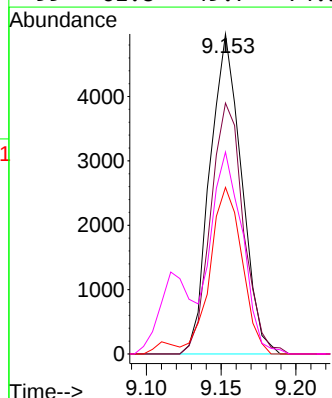
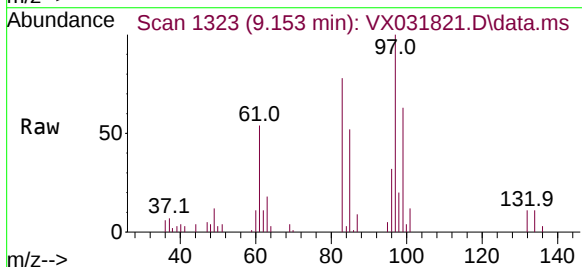
Ion Ratio Lower Upper

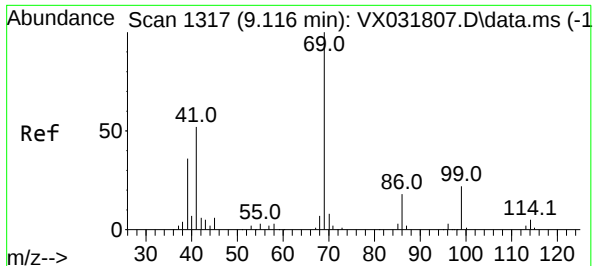
97 100

83 78.4 62.2 93.4

85 52.1 44.2 66.2

99 61.8 49.7 74.5

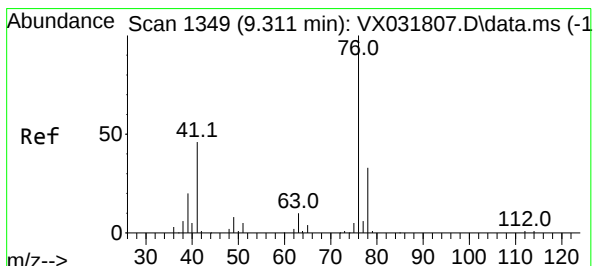
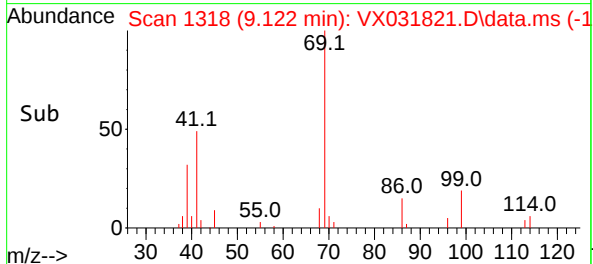
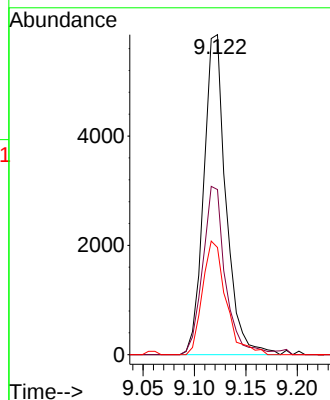
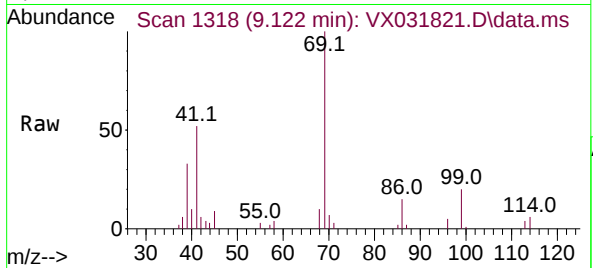




#51
Ethyl methacrylate
Concen: 5.127 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

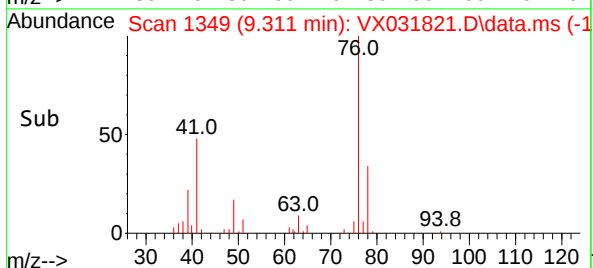
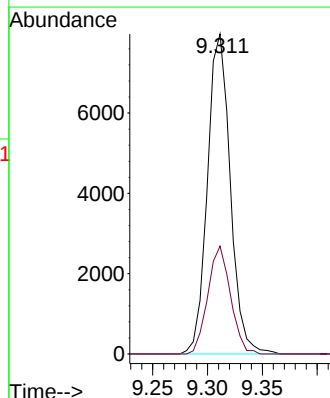
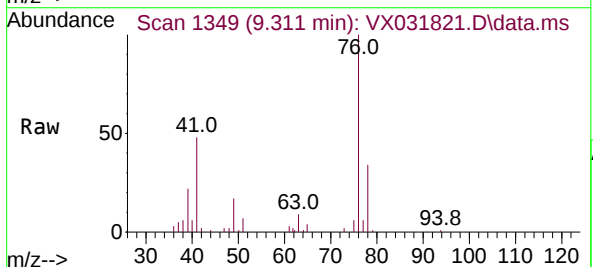
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

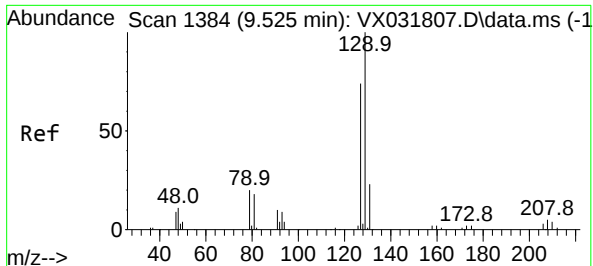
Tgt Ion: 69 Resp: 8826
Ion Ratio Lower Upper
69 100
41 51.6 25.9 77.7
39 33.5 17.8 53.3



#52
1,3-Dichloropropane
Concen: 5.681 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 76 Resp: 11560
Ion Ratio Lower Upper
76 100
78 33.4 0.0 66.0

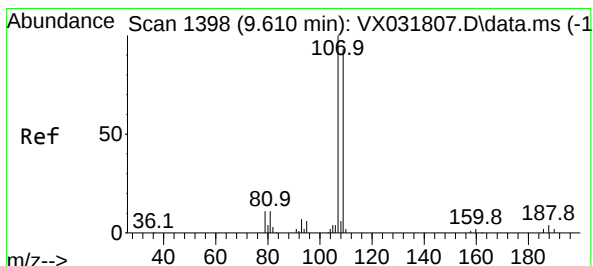
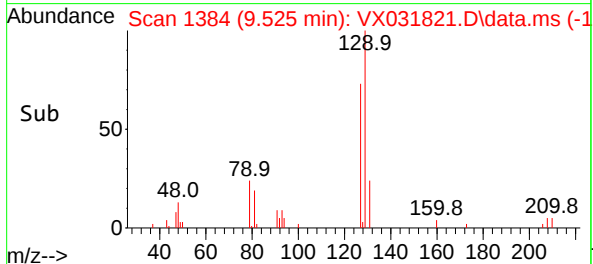
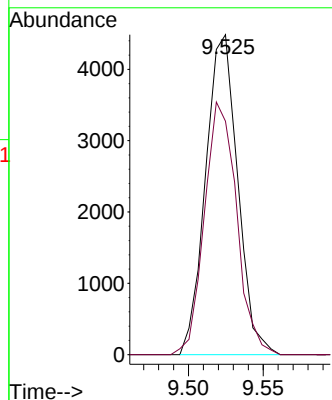
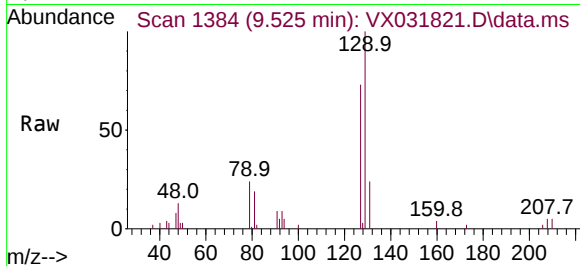




#53
Dibromochloromethane
Concen: 4.533 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

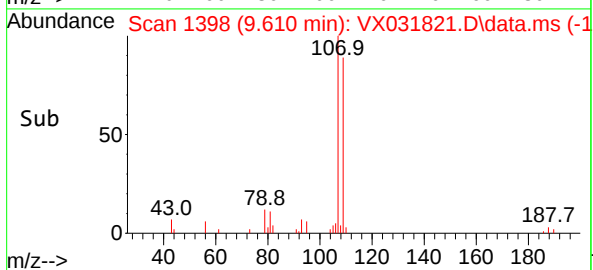
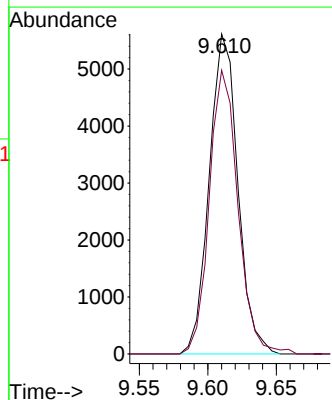
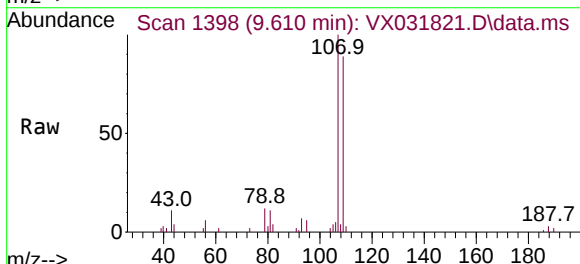
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

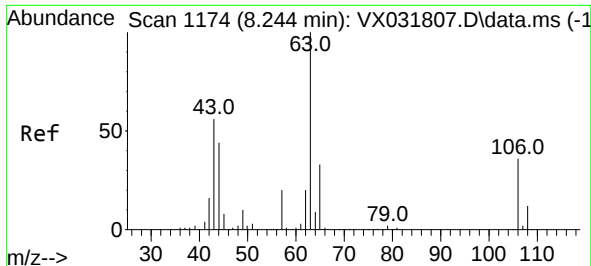
Tgt Ion:129 Resp: 6704
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0



#54
1,2-Dibromoethane
Concen: 5.539 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:107 Resp: 8149
Ion Ratio Lower Upper
107 100
109 88.7 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 26.721 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

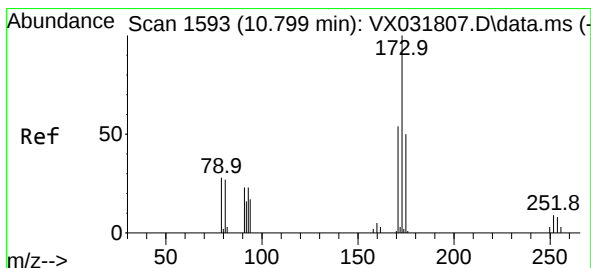
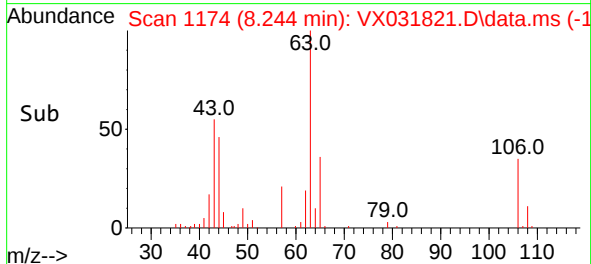
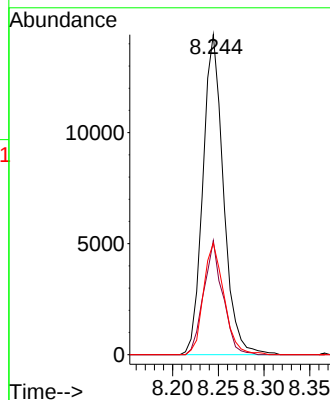
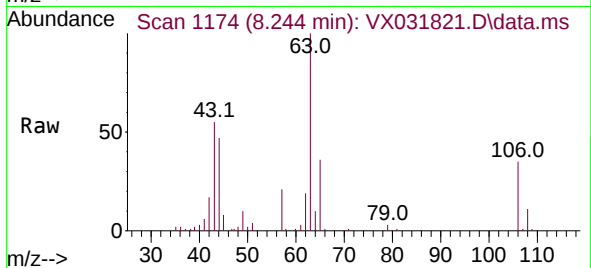
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 63	Resp: 22555
Ion Ratio	Lower Upper
63 100	
65 32.9	25.5 38.3
106 34.5	28.9 43.3



#56

Bromoform

Concen: 3.953 ug/l

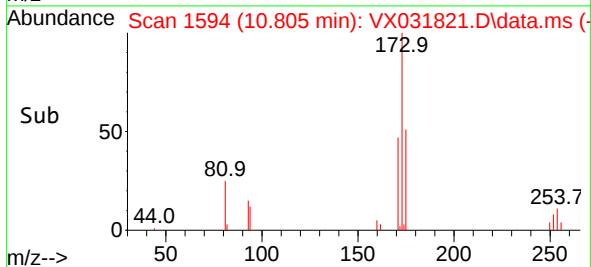
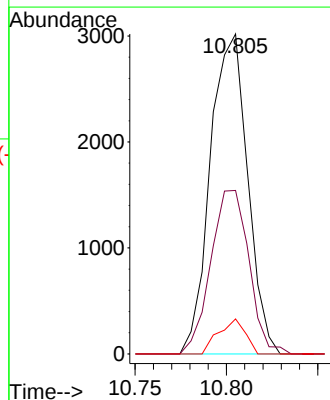
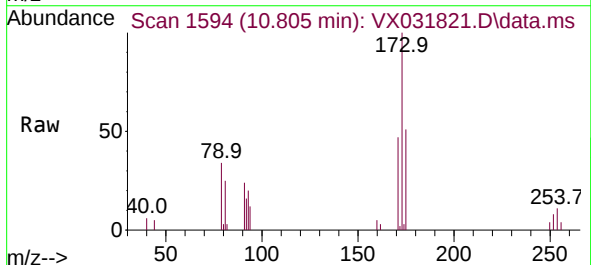
RT: 10.805 min Scan# 1594

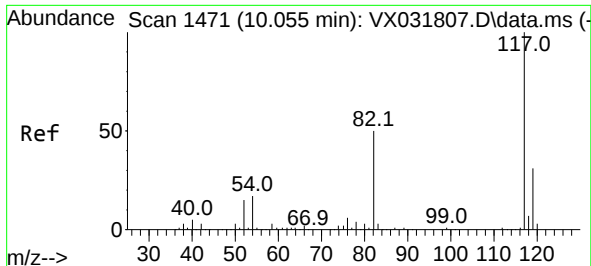
Delta R.T. 0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Tgt Ion:173	Resp:	4285	
Ion	Ratio	Lower	Upper
173	100		
175	52.3	38.6	58.0
254	7.8	6.8	10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

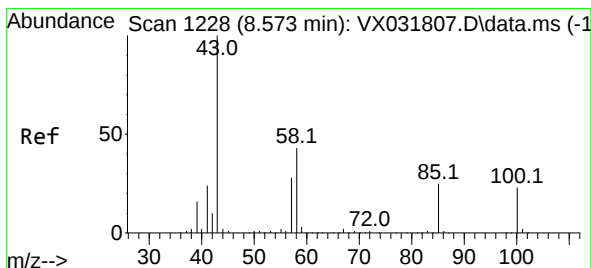
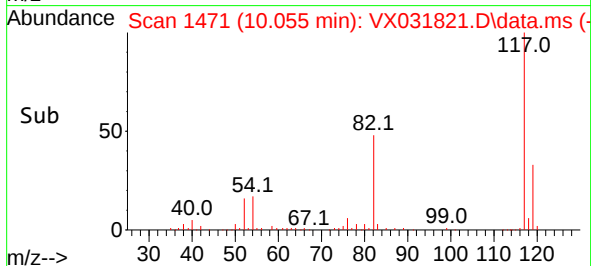
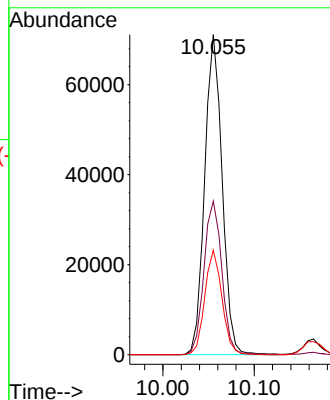
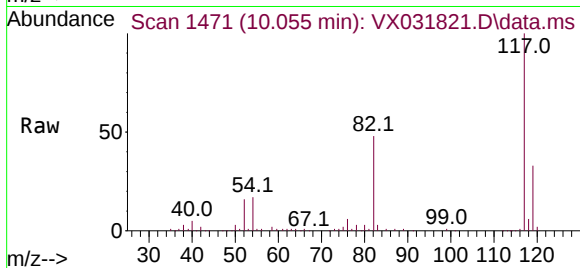
Tgt Ion:117 Resp: 94255

Ion Ratio Lower Upper

117 100

82 49.2 40.0 60.0

119 32.1 26.0 39.0



#58

4-Methyl-2-Pentanone

Concen: 28.730 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

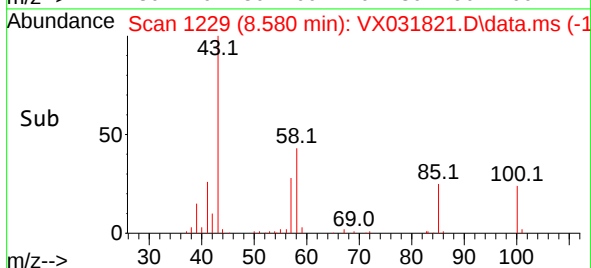
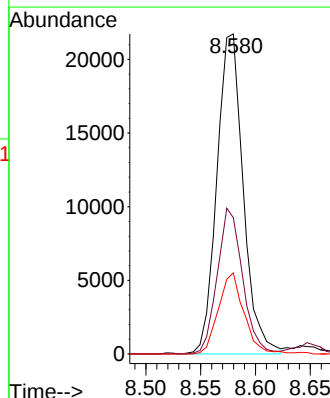
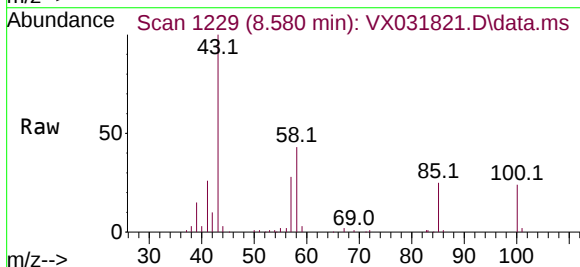
Tgt Ion: 43 Resp: 36406

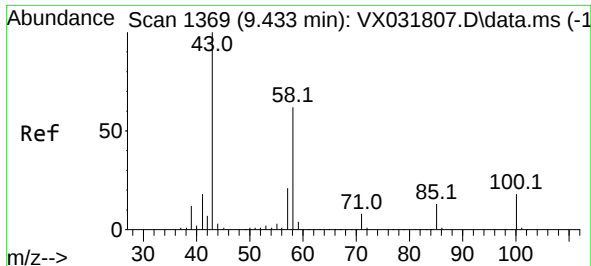
Ion Ratio Lower Upper

43 100

58 43.8 34.9 52.3

85 24.2 19.4 29.2





#59

2-Hexanone

Concen: 29.344 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

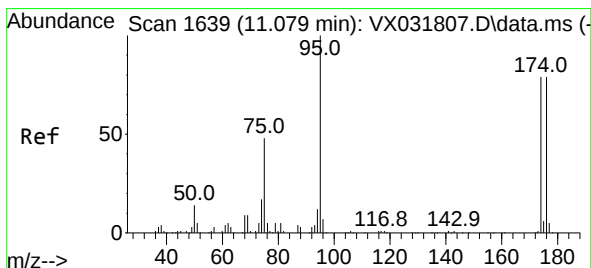
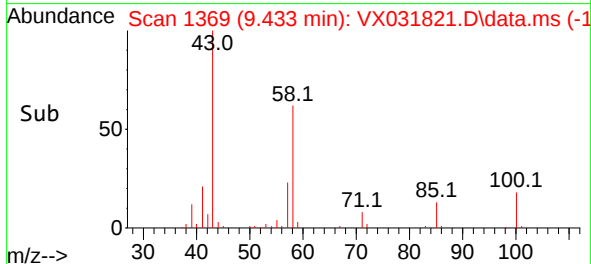
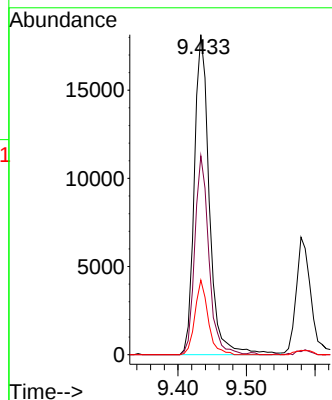
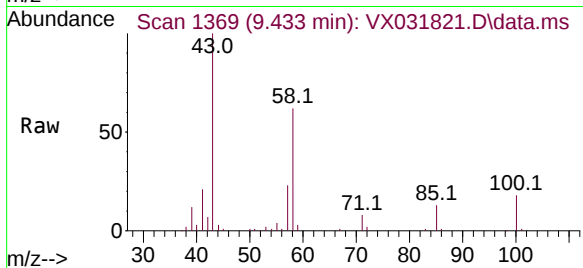
Tgt Ion: 43 Resp: 27810

Ion Ratio Lower Upper

43 100

58 58.2 49.0 73.6

57 20.4 17.0 25.4



#60

4-Bromofluorobenzene

Concen: 29.302 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

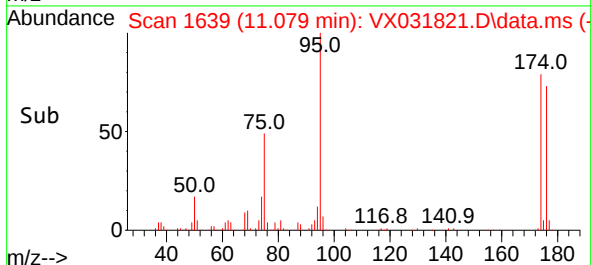
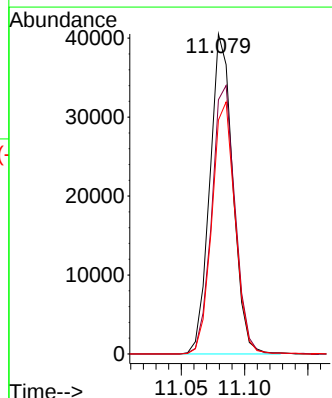
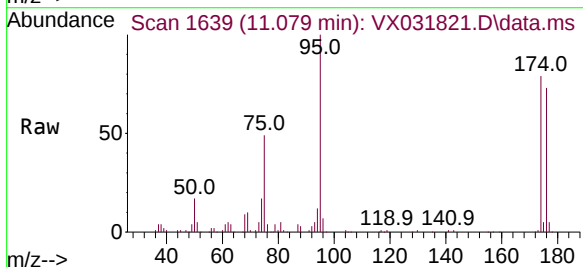
Tgt Ion: 95 Resp: 51115

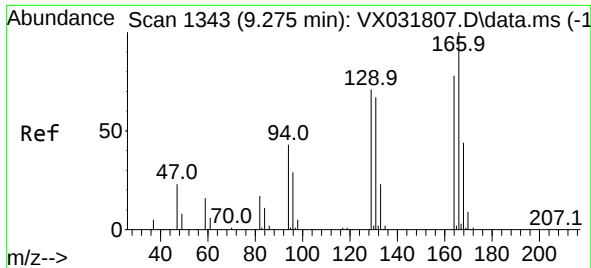
Ion Ratio Lower Upper

95 100

174 85.2 68.2 102.2

176 79.2 68.1 102.1



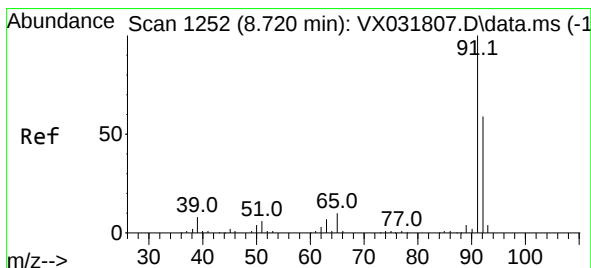
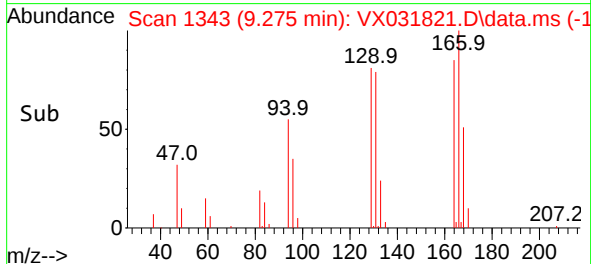
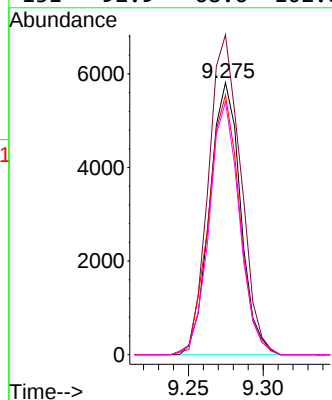
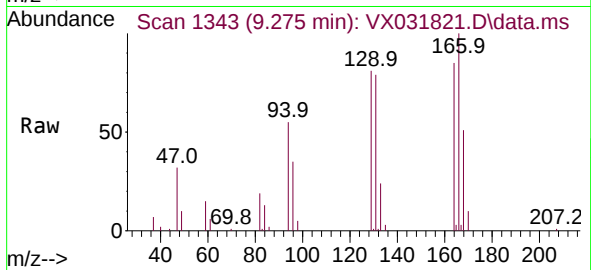


#61
Tetrachloroethene
Concen: 5.506 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:164 Resp: 8333

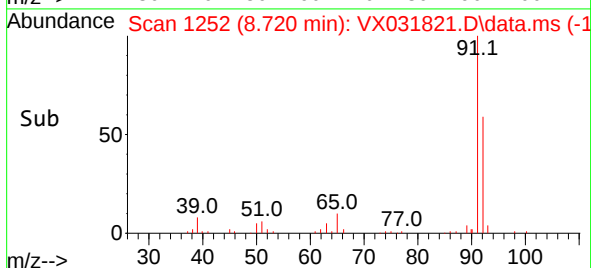
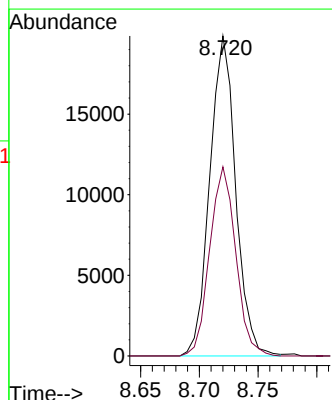
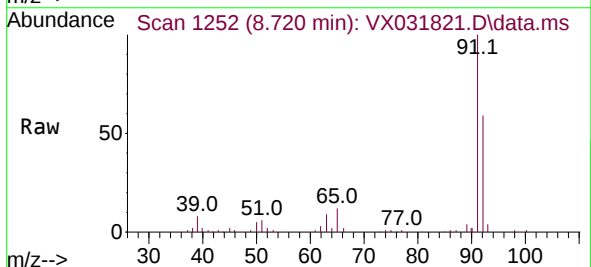
Ion	Ratio	Lower	Upper
164	100		
166	117.6	102.8	154.2
129	95.4	73.0	109.4
131	92.9	68.6	102.8

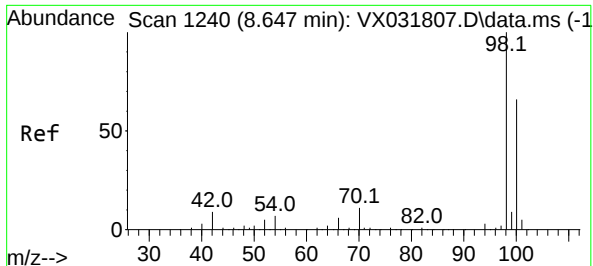


#62
Toluene
Concen: 5.647 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 91 Resp: 30473

Ion	Ratio	Lower	Upper
91	100		
92	59.4	47.3	70.9

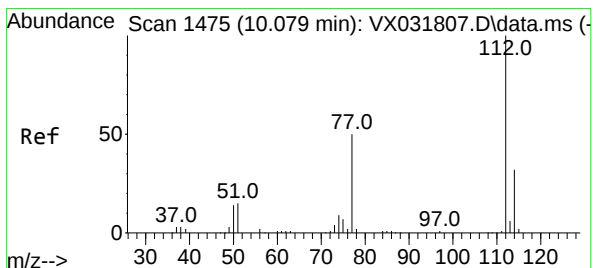
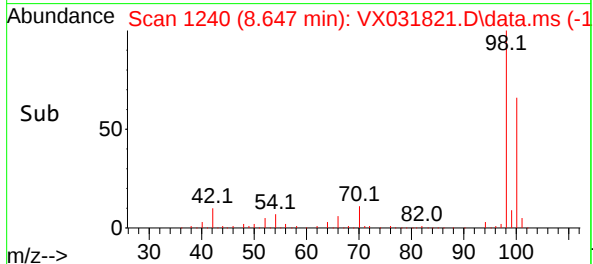
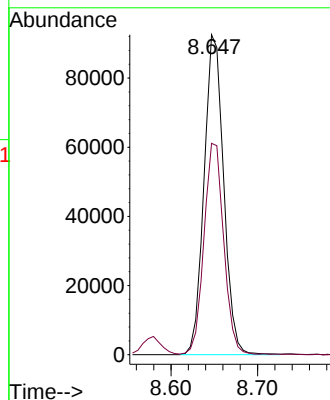
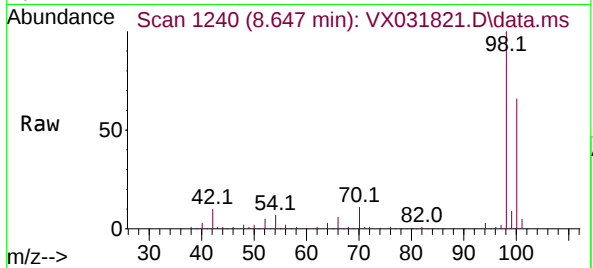




#63
Toluene-d8
Concen: 30.404 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

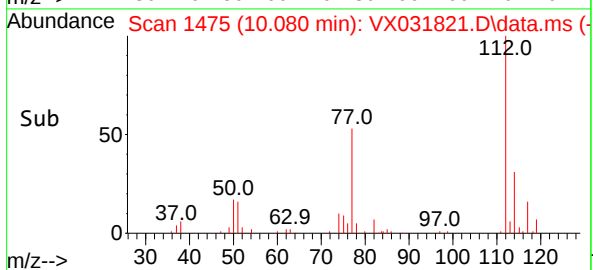
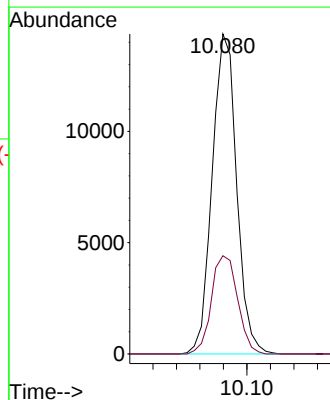
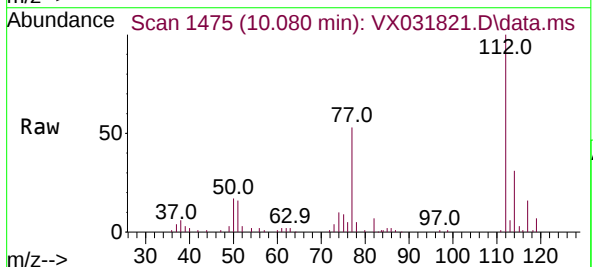
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

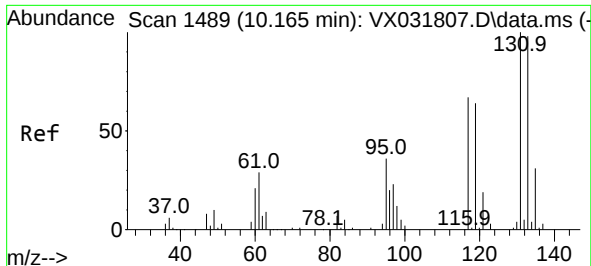
Tgt Ion: 98 Resp: 145582
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.8



#64
Chlorobenzene
Concen: 5.638 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 112 Resp: 20761
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

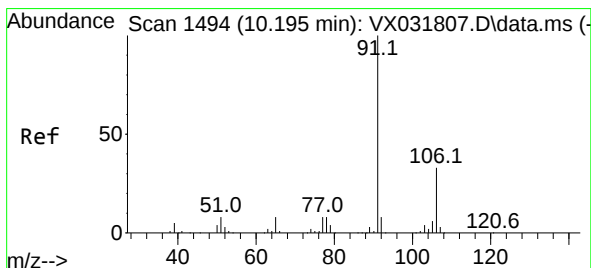
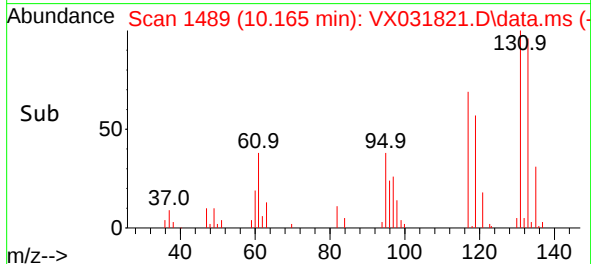
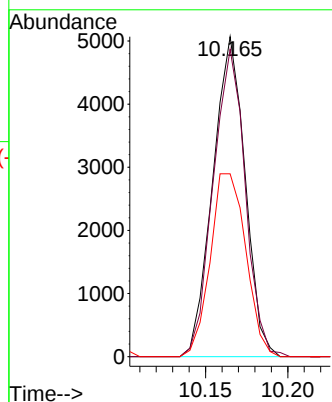
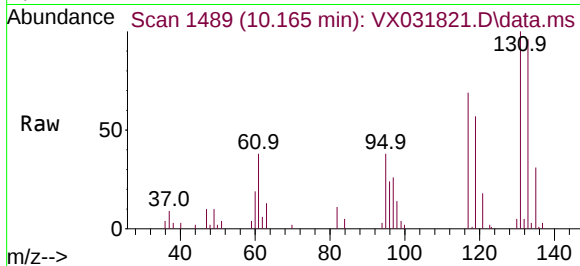




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.958 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX031821.D
 Acq: 30 Sep 2022 19:03

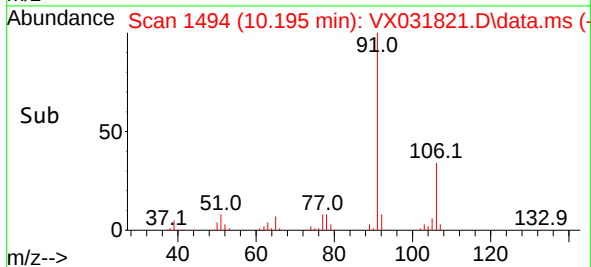
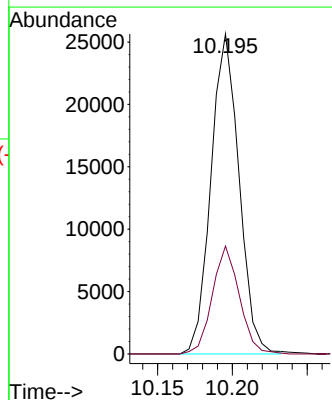
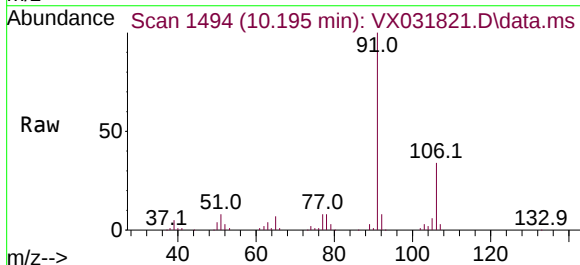
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT3-2022

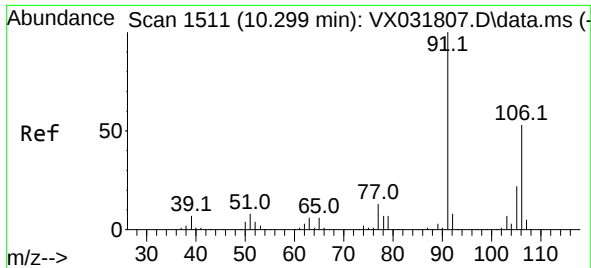
Tgt Ion:131	Resp:	6921
Ion	Ratio	Lower Upper
131	100	
133	95.4	0.0 189.4
119	63.0	0.0 127.0



#66
 Ethyl Benzene
 Concen: 5.502 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX031821.D
 Acq: 30 Sep 2022 19:03

Tgt Ion: 91	Resp:	33465
Ion	Ratio	Lower Upper
91	100	
106	33.7	26.7 40.1

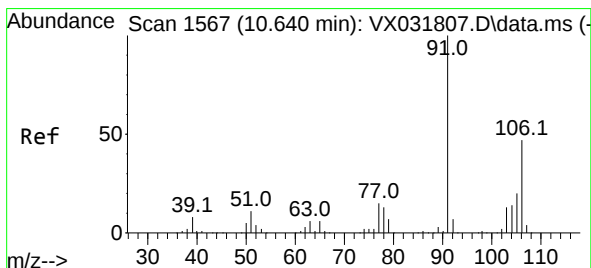
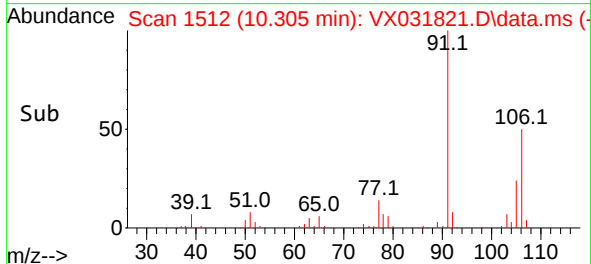
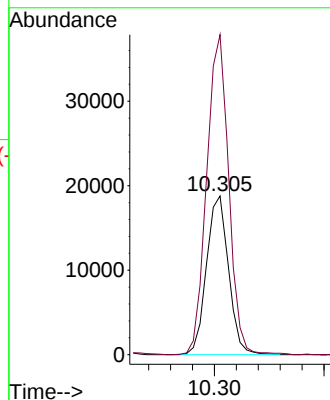
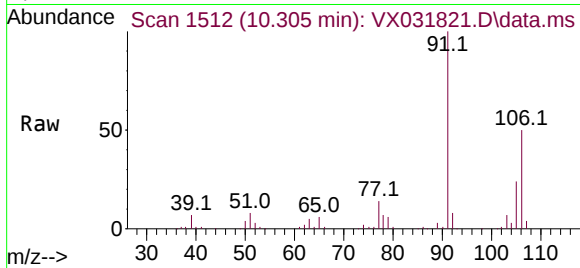




#67
m/p-Xylenes
Concen: 10.356 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

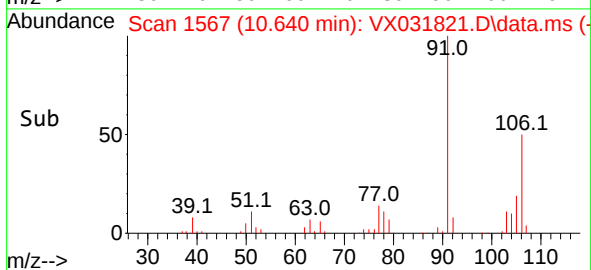
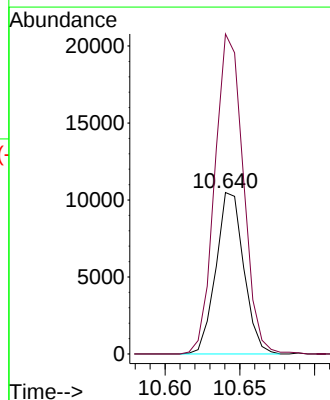
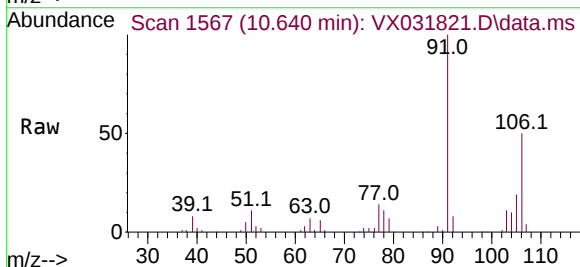
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

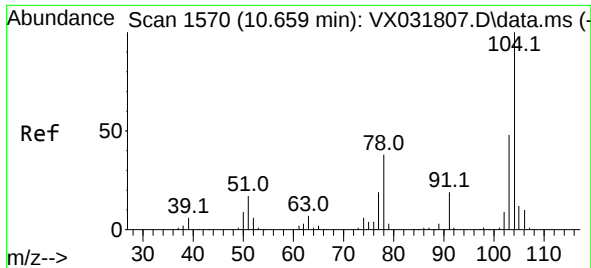
Tgt Ion:106 Resp: 26227
Ion Ratio Lower Upper
106 100
91 201.8 152.3 228.5



#68
o-Xylene
Concen: 5.463 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:106 Resp: 13584
Ion Ratio Lower Upper
106 100
91 203.0 101.9 305.7

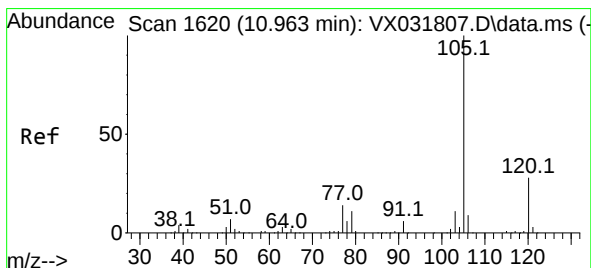
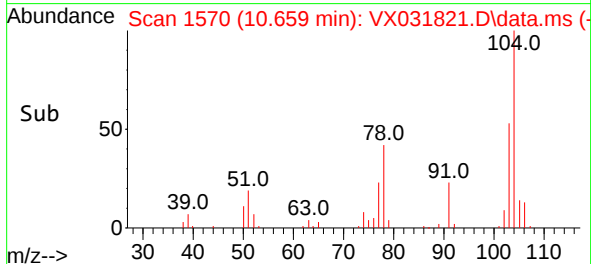
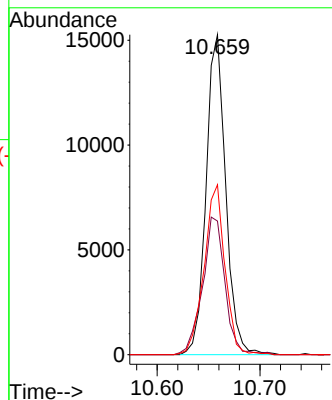
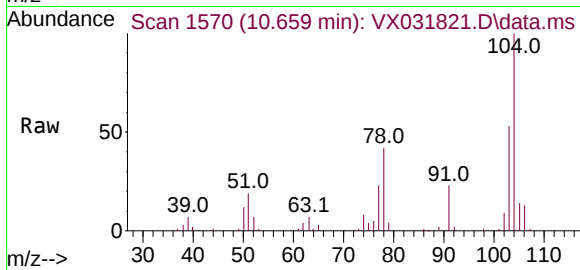




#69
Styrene
Concen: 5.026 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

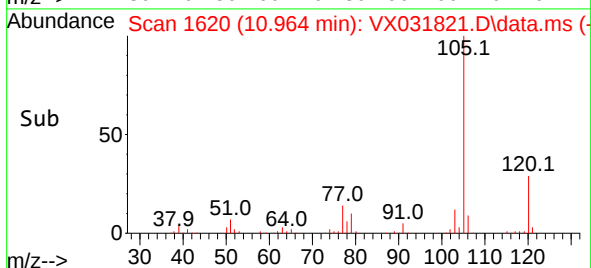
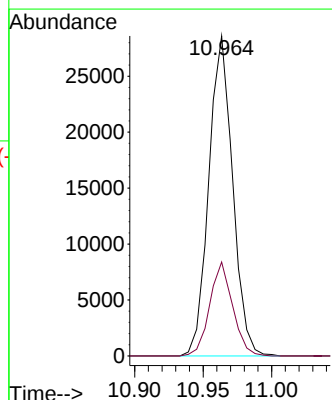
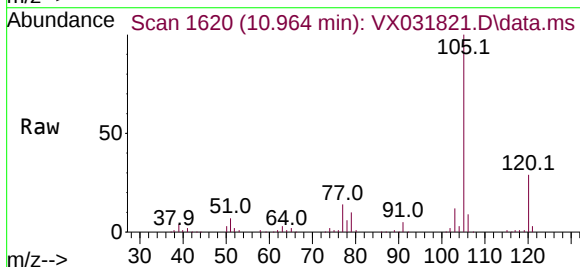
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

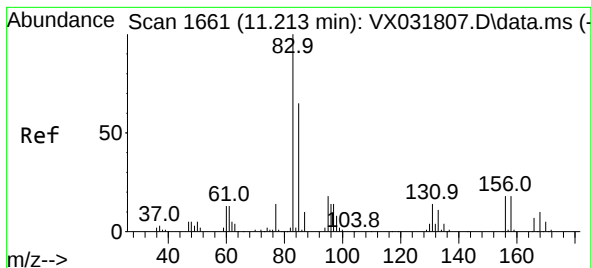
Tgt Ion:104 Resp: 20297
Ion Ratio Lower Upper
104 100
78 48.4 36.6 55.0
103 56.7 43.3 64.9



#70
Isopropylbenzene
Concen: 5.353 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:105 Resp: 34591
Ion Ratio Lower Upper
105 100
120 28.2 19.3 35.9





#71

1,1,2,2-Tetrachloroethane

Concen: 5.628 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

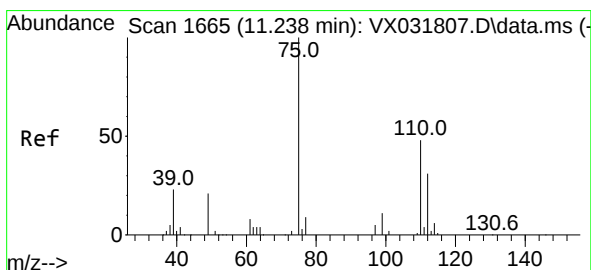
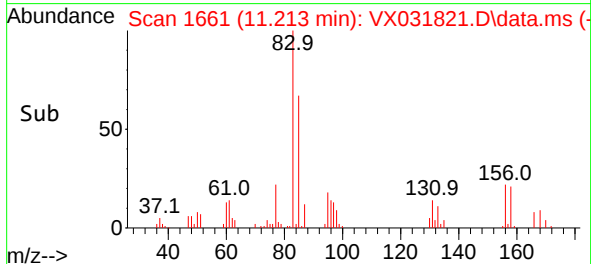
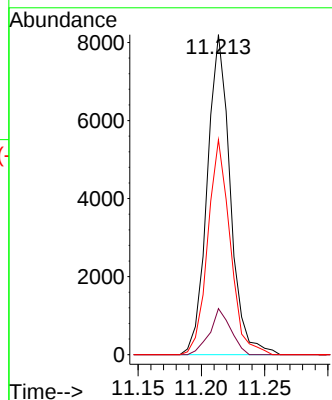
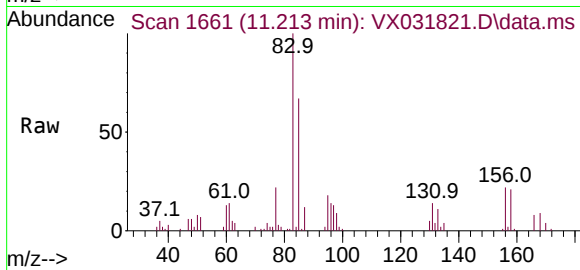
Tgt Ion: 83 Resp: 10366

Ion Ratio Lower Upper

83 100

131 13.1 6.0 18.1

85 65.4 32.8 98.3



#72

1,2,3-Trichloropropane

Concen: 6.301 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX031821.D

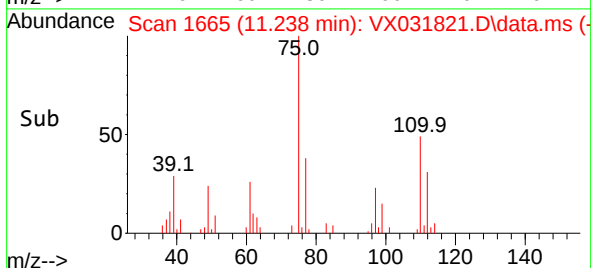
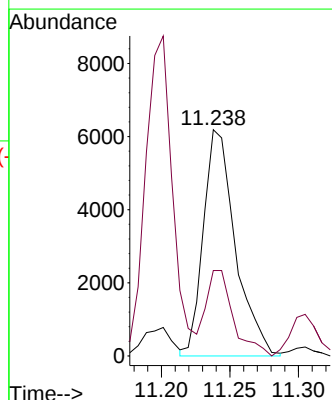
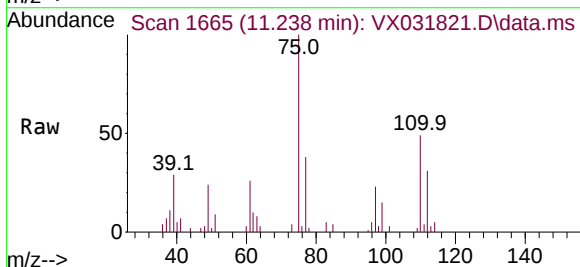
Acq: 30 Sep 2022 19:03

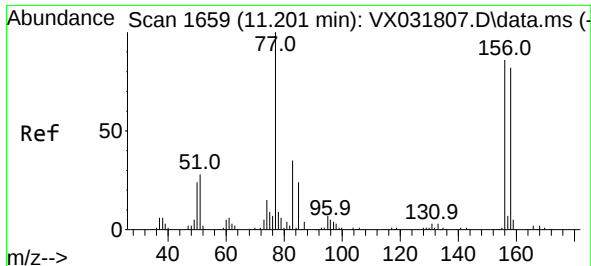
Tgt Ion: 75 Resp: 10065

Ion Ratio Lower Upper

75 100

77 29.9 0.0 76.6

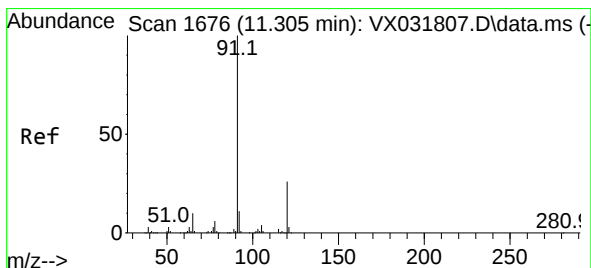
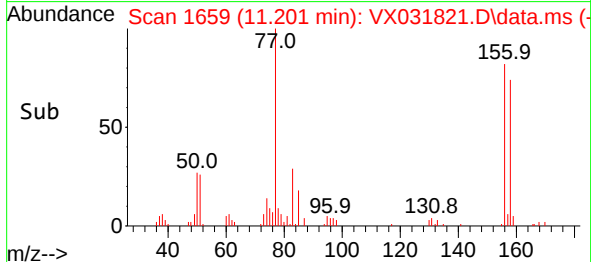
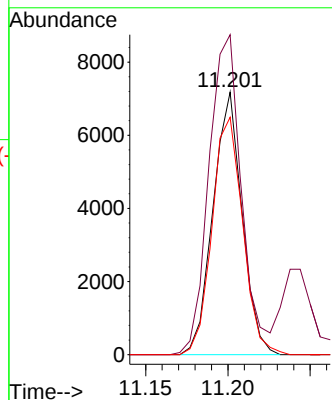
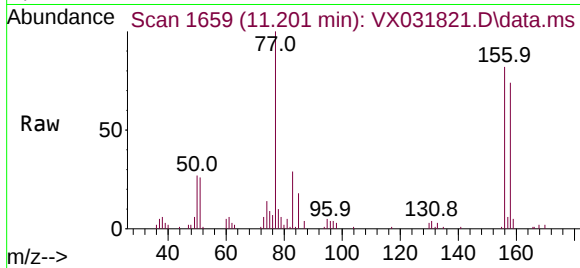




#73
Bromobenzene
Concen: 5.108 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

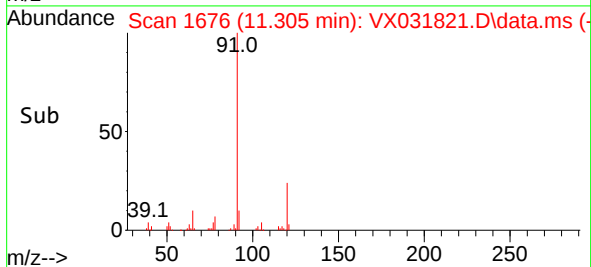
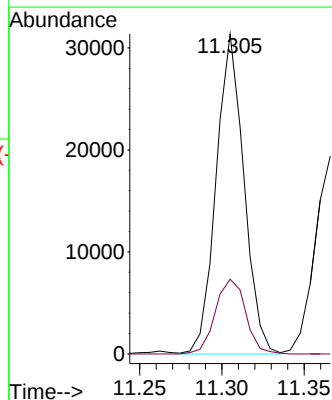
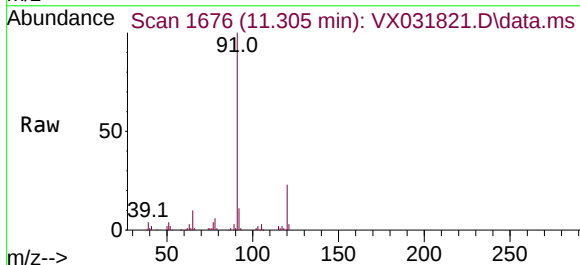
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

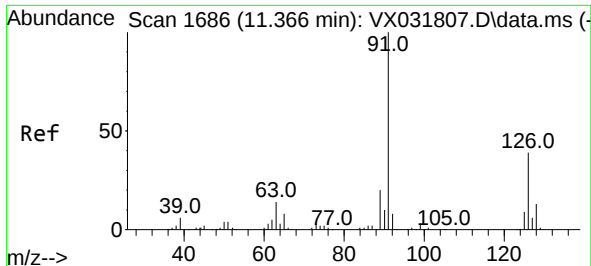
Tgt Ion:156 Resp: 8852
Ion Ratio Lower Upper
156 100
77 136.0 0.0 259.2
158 95.2 0.0 193.2



#74
n-propylbenzene
Concen: 5.183 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 91 Resp: 36820
Ion Ratio Lower Upper
91 100
120 25.3 0.0 51.0

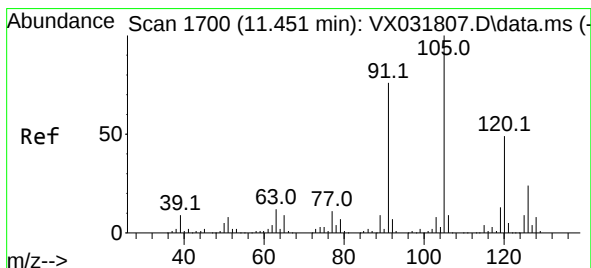
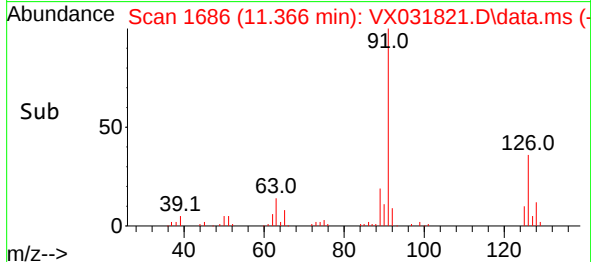
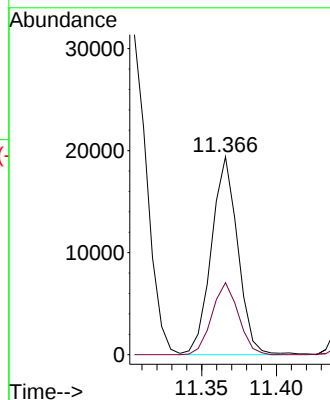
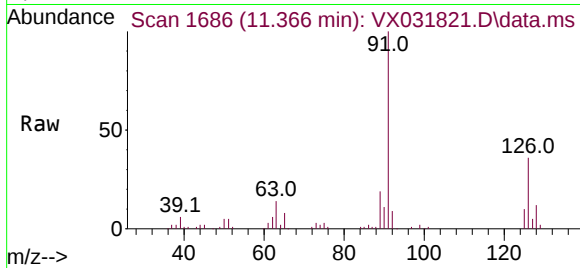




#75
2-Chlorotoluene
Concen: 5.570 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

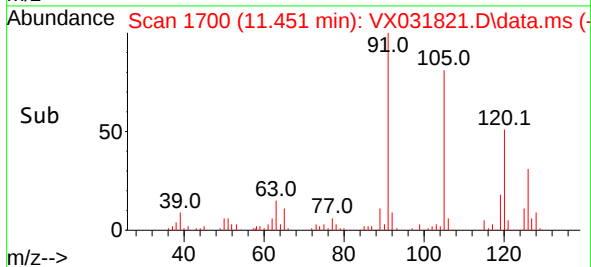
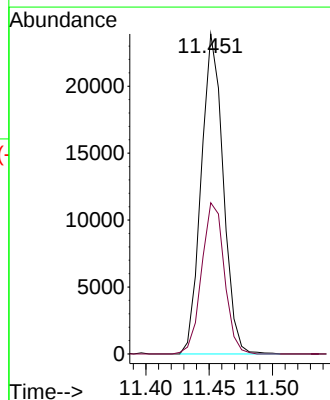
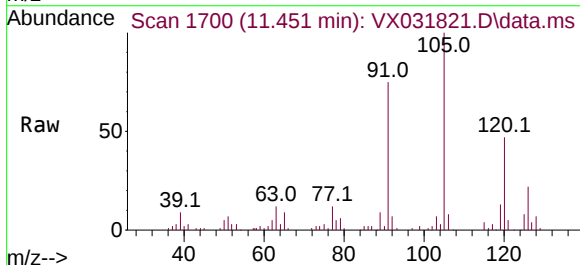
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

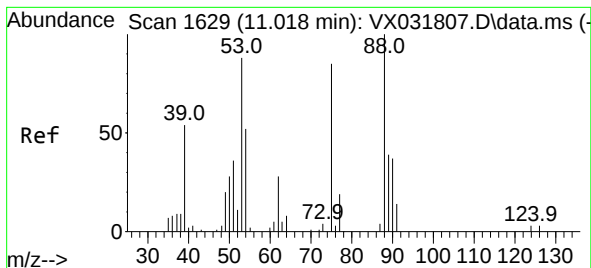
Tgt Ion: 91 Resp: 23788
Ion Ratio Lower Upper
91 100
126 36.5 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 5.320 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 105 Resp: 28977
Ion Ratio Lower Upper
105 100
120 48.7 0.0 100.6

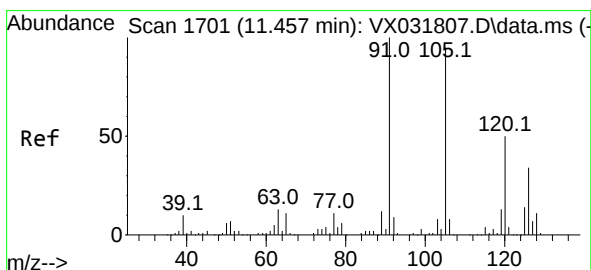
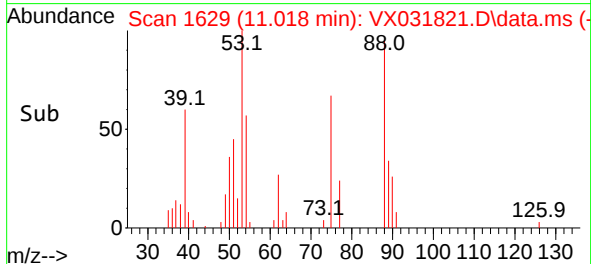
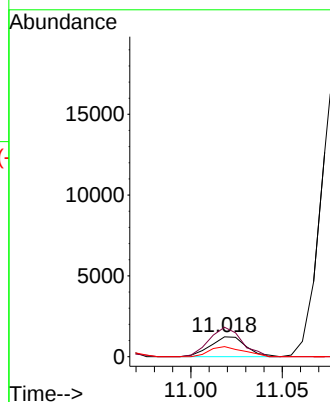
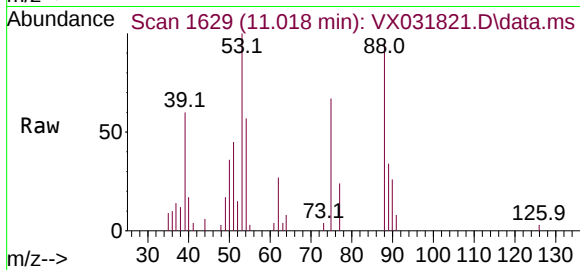




#77
t-1,4-Dichloro-2-butene
Concen: 3.608 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

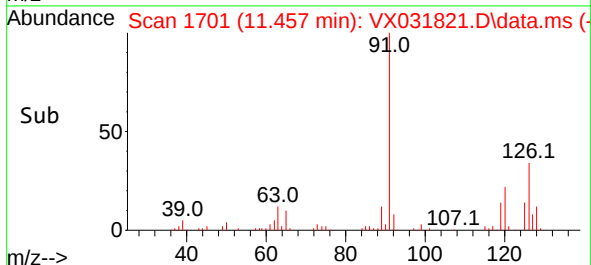
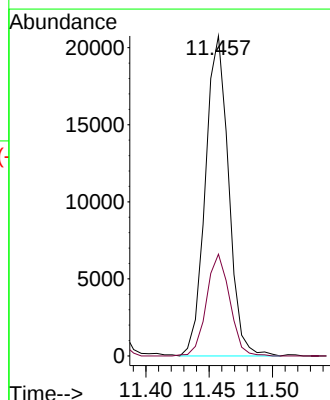
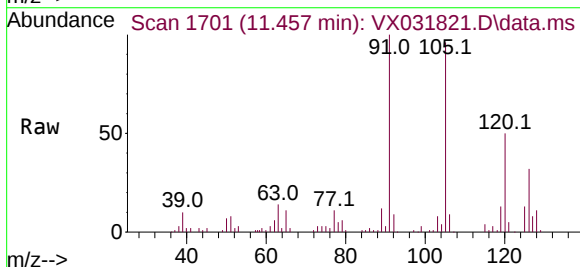
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

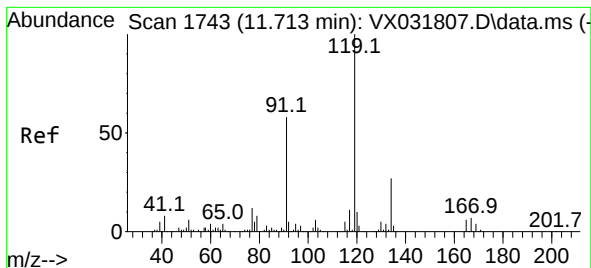
Tgt Ion: 75 Resp: 1669
Ion Ratio Lower Upper
75 100
53 148.4 51.8 155.4
89 51.1 22.9 68.8



#78
4-Chlorotoluene
Concen: 5.448 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 91 Resp: 26526
Ion Ratio Lower Upper
91 100
126 31.8 0.0 67.0





#79

tert-butylbenzene

Concen: 5.103 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

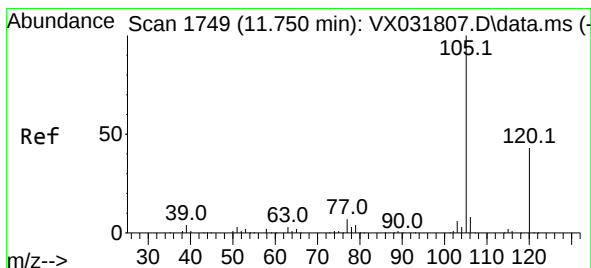
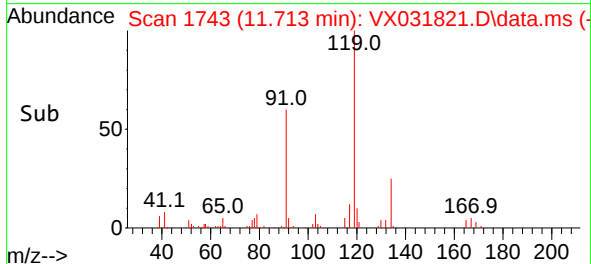
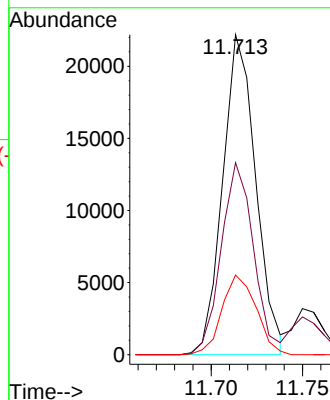
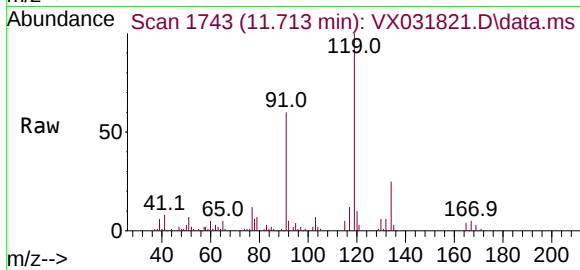
Tgt Ion:119 Resp: 27942

Ion Ratio Lower Upper

119 100

91 58.9 0.0 112.0

134 25.8 0.0 51.0



#80

1,2,4-Trimethylbenzene

Concen: 5.164 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX031821.D

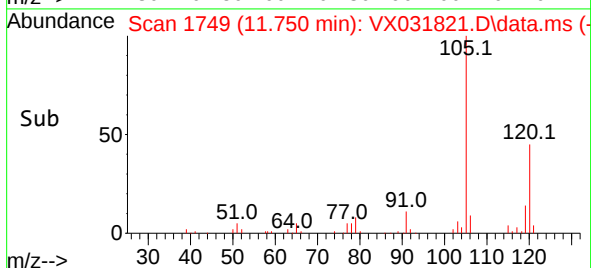
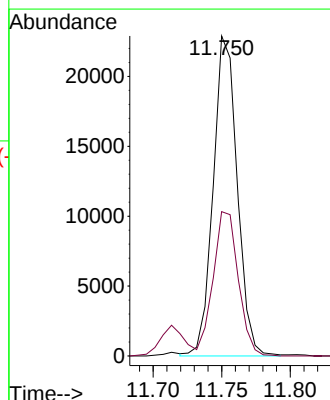
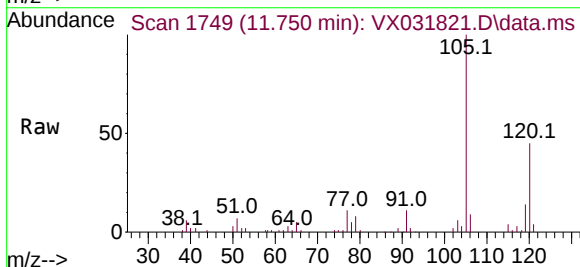
Acq: 30 Sep 2022 19:03

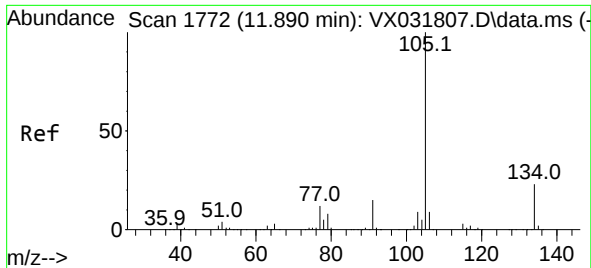
Tgt Ion:105 Resp: 27895

Ion Ratio Lower Upper

105 100

120 47.1 0.0 95.0

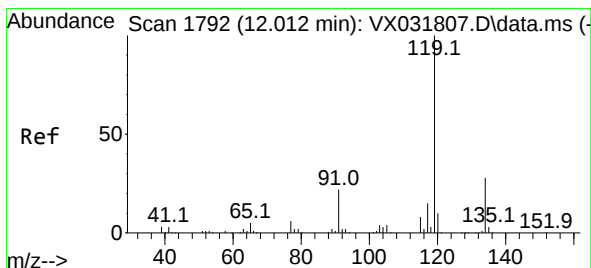
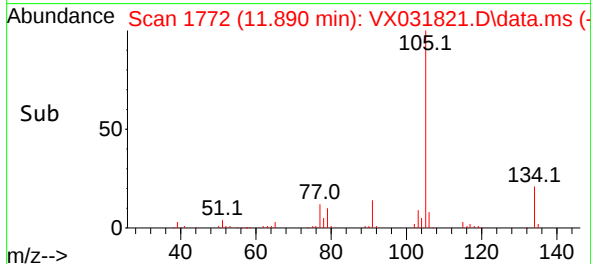
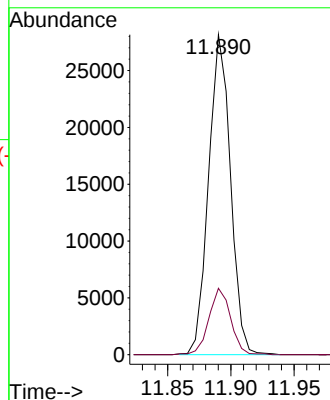
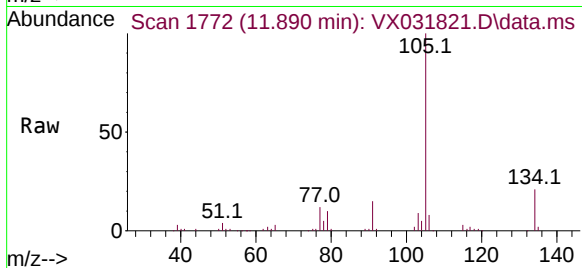




#81
 sec-Butylbenzene
 Concen: 5.058 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031821.D
 Acq: 30 Sep 2022 19:03

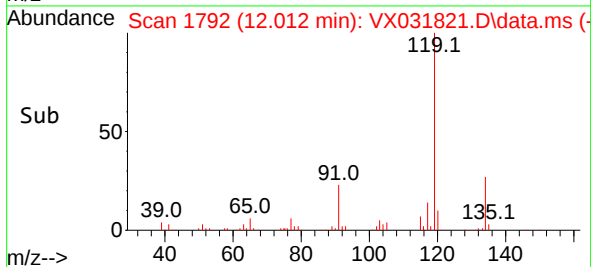
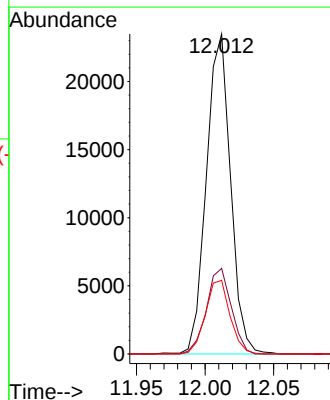
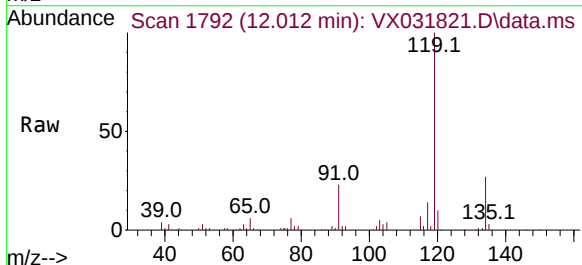
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

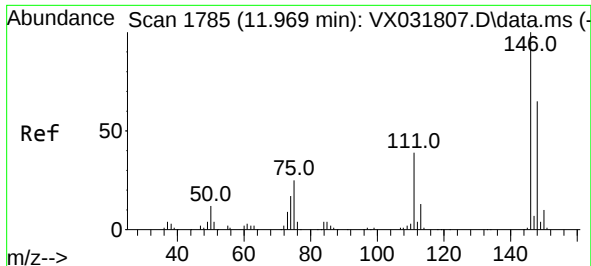
Tgt Ion:105 Resp: 33917
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 44.4



#82
 p-Isopropyltoluene
 Concen: 4.883 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031821.D
 Acq: 30 Sep 2022 19:03

Tgt Ion:119 Resp: 28774
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 55.4
 91 23.5 0.0 45.6

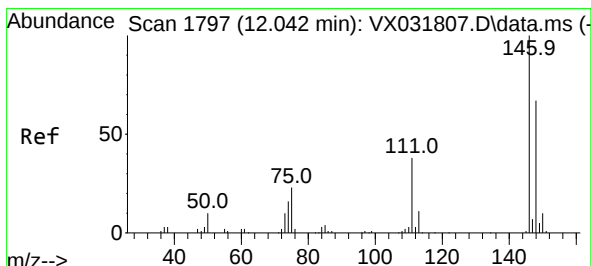
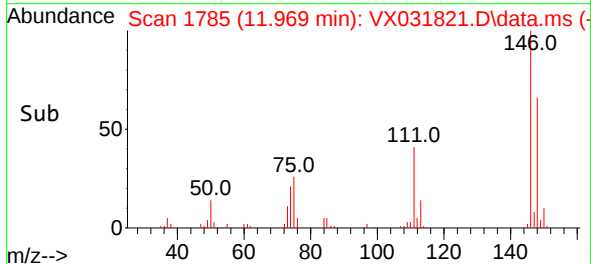
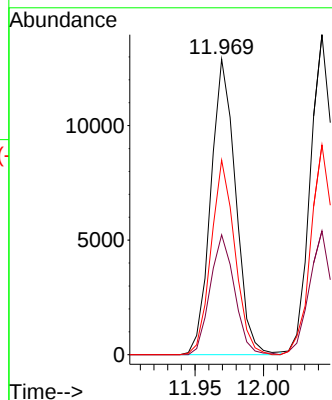
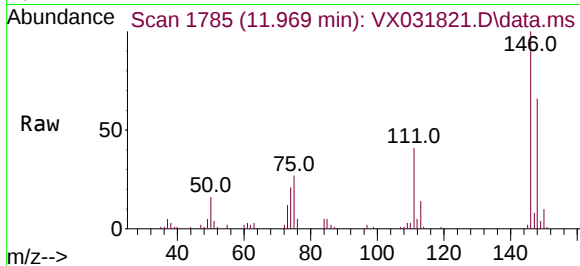




#83
1,3-Dichlorobenzene
Concen: 4.958 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

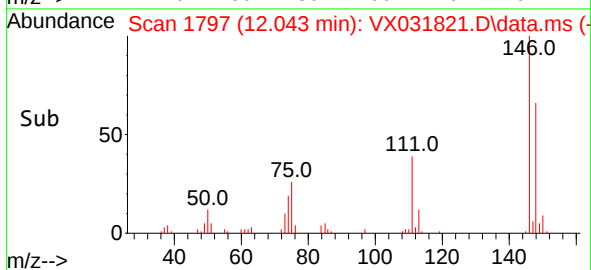
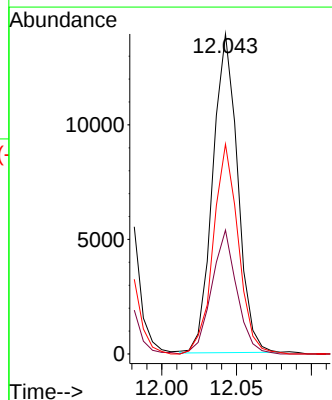
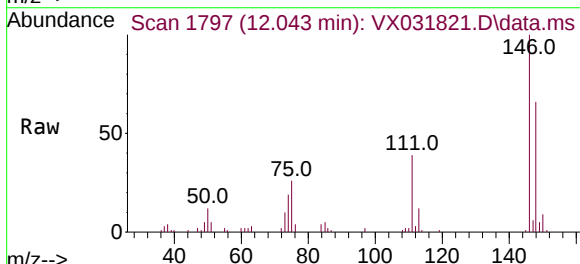
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

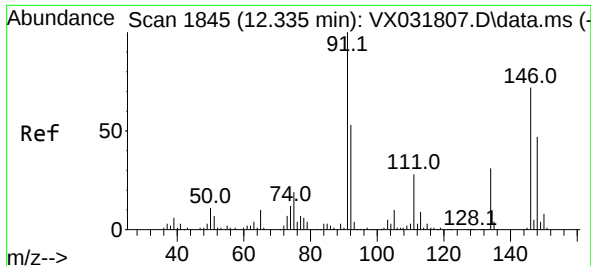
Tgt Ion:146 Resp: 16258
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.1
148 63.1 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 4.802 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:146 Resp: 16149
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.5
148 66.1 31.6 95.0

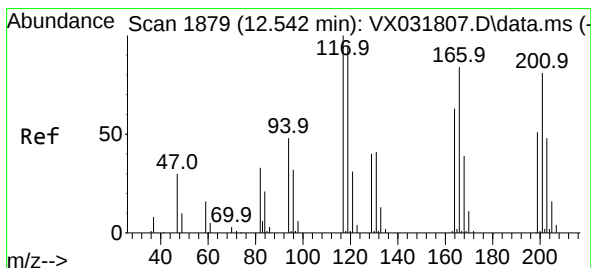
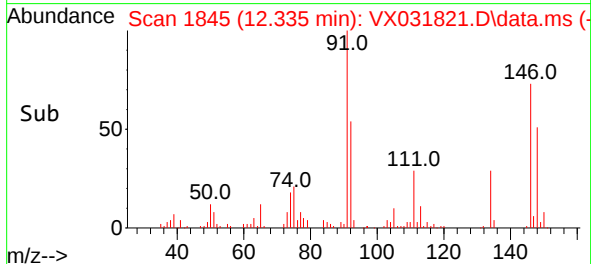
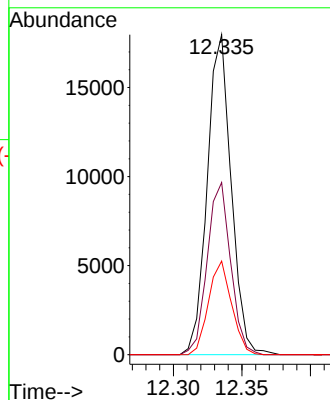
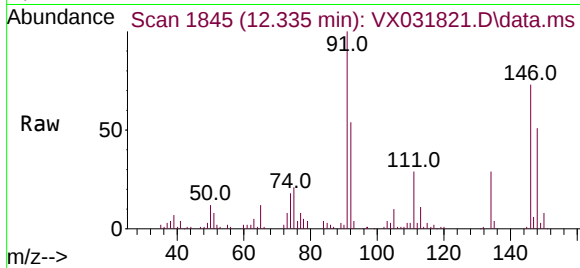




#85
n-Butylbenzene
Concen: 4.815 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

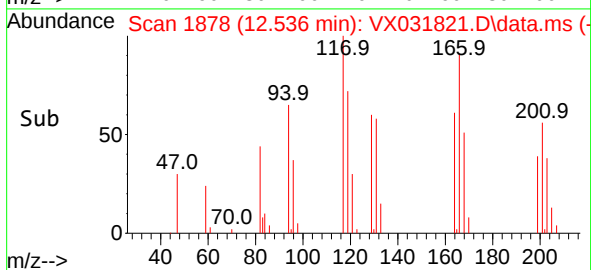
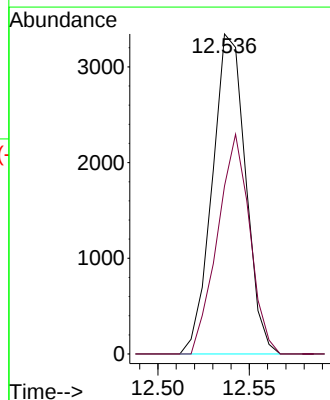
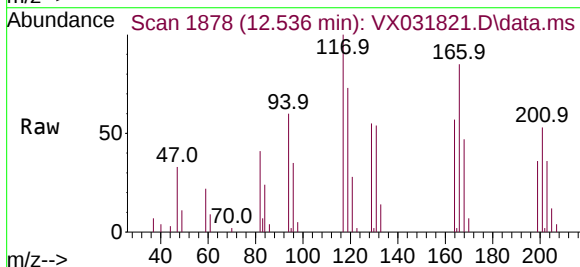
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2022

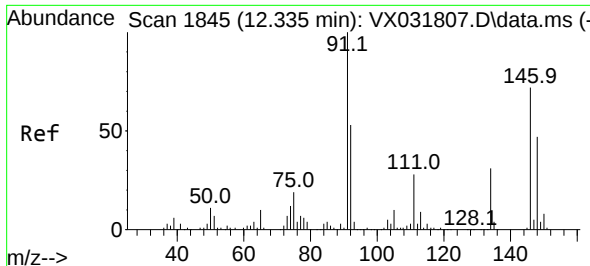
Tgt Ion:	91	Resp:	21883
Ion	Ratio	Lower	Upper
91	100		
92	52.7	0.0	108.4
134	28.2	0.0	60.6



#86
Hexachloroethane
Concen: 4.589 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion:	117	Resp:	4246
Ion	Ratio	Lower	Upper
117	100		
201	66.4	37.7	113.1

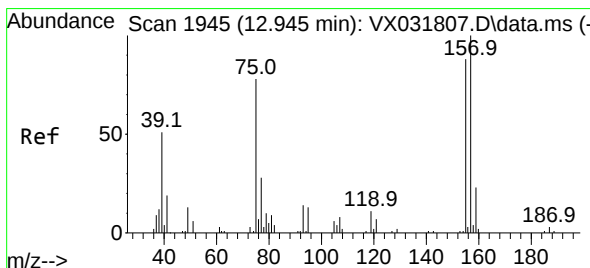
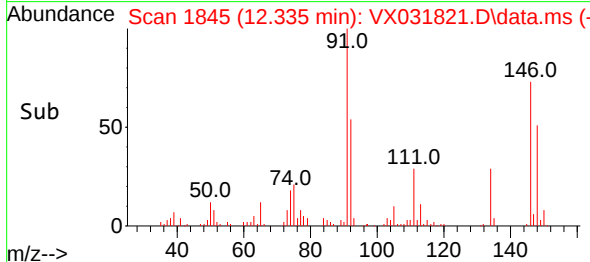
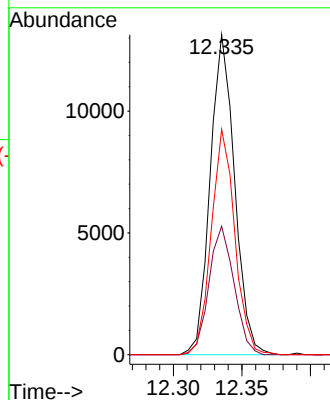
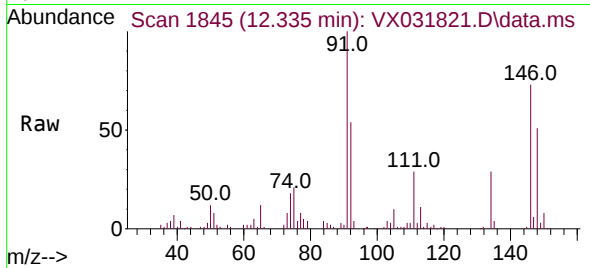




#87
1,2-Dichlorobenzene
Concen: 4.985 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

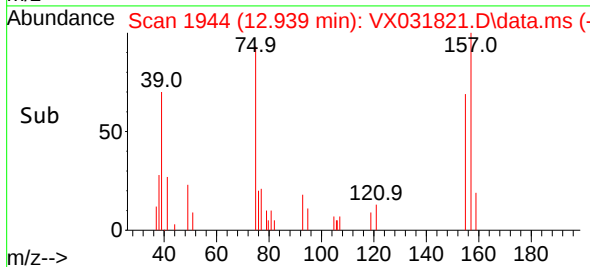
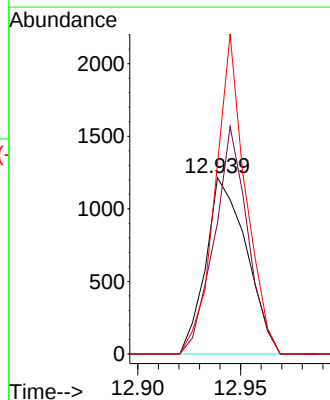
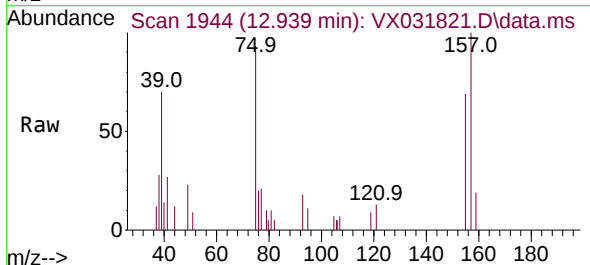
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2022

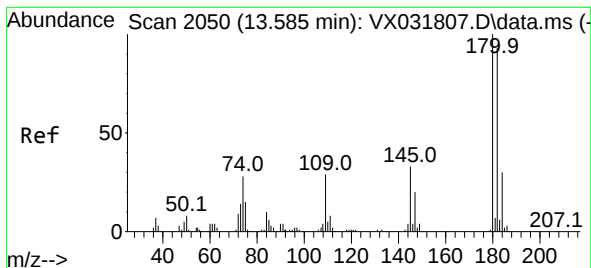
Tgt Ion:146 Resp: 16309
Ion Ratio Lower Upper
146 100
111 41.2 20.0 60.0
148 68.0 33.0 99.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.505 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX031821.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 75 Resp: 1665
Ion Ratio Lower Upper
75 100
155 105.8 85.0 127.6
157 136.2 101.0 151.6





#89

1,2,4-Trichlorobenzene

Concen: 4.417 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

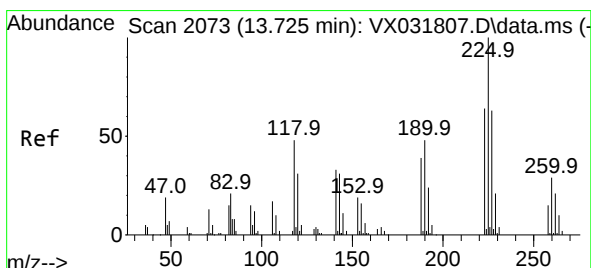
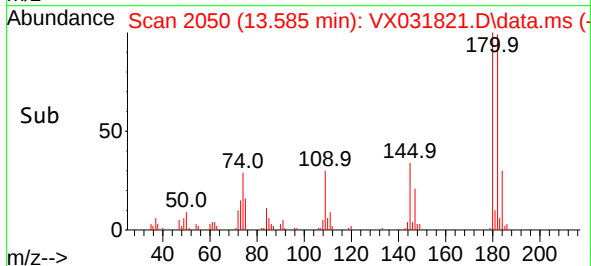
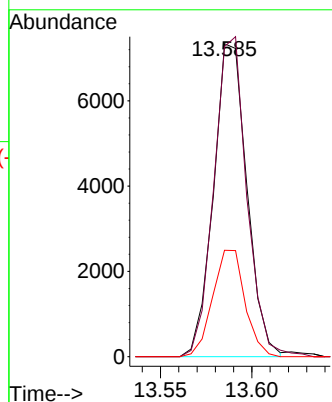
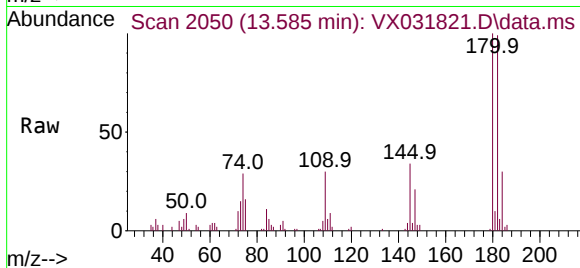
Tgt Ion:180 Resp: 9350

Ion Ratio Lower Upper

180 100

182 100.2 75.3 112.9

145 32.9 25.9 38.9



#90

Hexachlorobutadiene

Concen: 4.341 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

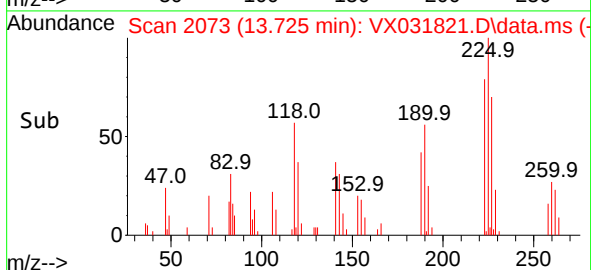
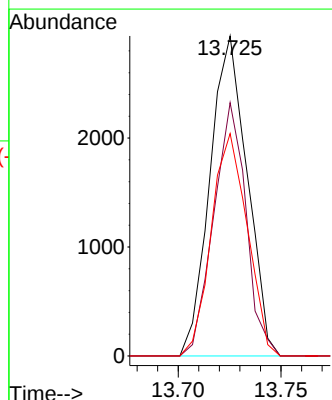
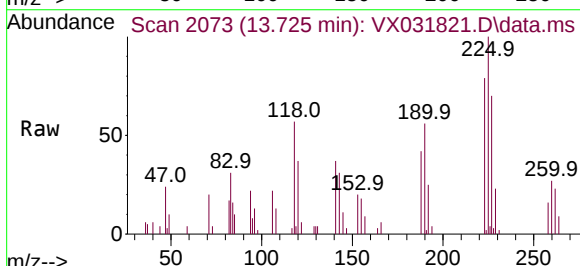
Tgt Ion:225 Resp: 3692

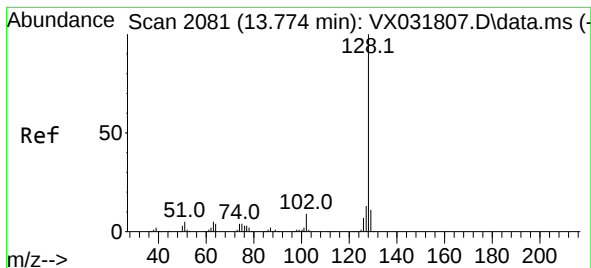
Ion Ratio Lower Upper

225 100

223 68.9 0.0 126.0

227 67.3 0.0 127.6





#91

Naphthalene

Concen: 4.488 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

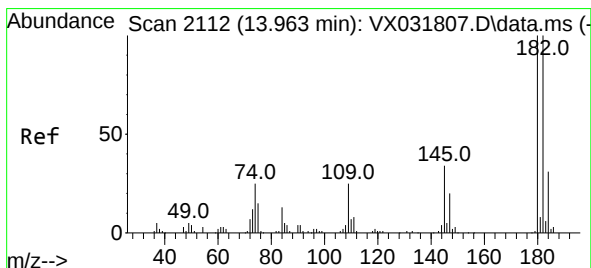
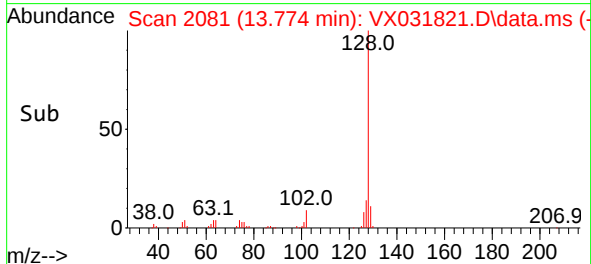
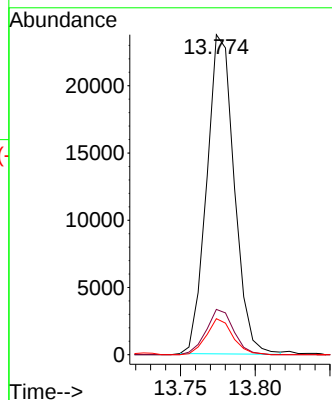
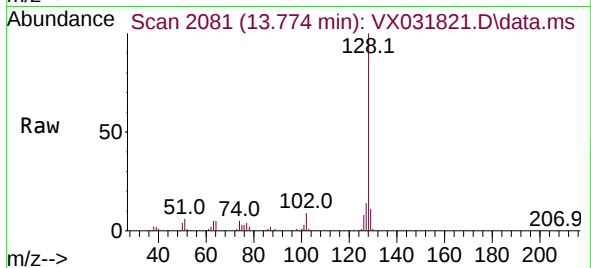
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:128	Resp:	30396
Ion	Ratio	Lower Upper
128	100	
127	14.2	9.9 14.9
129	10.8	8.4 12.6



#92

1,2,3-Trichlorobenzene

Concen: 4.681 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031821.D

Acq: 30 Sep 2022 19:03

Tgt Ion:180	Resp:	9815
Ion	Ratio	Lower Upper
180	100	
182	95.9	0.0 199.0
145	35.6	0.0 68.2

