

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029983.D
 Acq On : 08 Jul 2022 19:12
 Operator : JC/MD
 Sample : N3214-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 09 04:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 04:03:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

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

Internal Standards						
1) Bromochloromethane	4.910	128	31260	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	174837	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152619	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	71852	28.188	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.967%		
60) 4-Bromofluorobenzene	11.085	95	84335	29.322	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.733%		
63) Toluene-d8	8.653	98	254923	30.804	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.667%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7890	3.691	ug/l	89
3) Chloromethane	1.288	50	10257	4.601	ug/l	95
4) Vinyl Chloride	1.374	62	10996	4.353	ug/l	89
5) Bromomethane	1.605	94	3396	3.263	ug/l	83
6) Chloroethane	1.684	64	7709	5.699	ug/l	92
7) Trichlorofluoromethane	1.886	101	14844	4.636	ug/l	98
8) Diethyl Ether	2.136	74	6485	4.762	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	9925	4.604	ug/l	96
10) 1,1-Dichloroethene	2.318	96	10114	4.594	ug/l	96
11) Methyl Iodide	2.453	142	3495	1.914	ug/l	88
12) Methyl Acetate	2.709	43	17651	4.923	ug/l	98
13) Acrolein	2.239	56	8297	19.700	ug/l	99
14) Acrylonitrile	3.068	53	37090	24.037	ug/l	98
15) Acetone	2.392	58	10577	25.235	ug/l	84
16) Carbon Disulfide	2.507	76	25478	4.434	ug/l	96
17) Allyl chloride	2.666	41	17119	4.413	ug/l	97
18) Methylene Chloride	2.794	84	13047	5.087	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	11583	4.849	ug/l	89
20) Diisopropyl ether	3.769	45	36597	4.709	ug/l #	81
21) 1,1-Dichloroethane	3.611	63	20988	5.017	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	12896	4.546	ug/l	96
23) tert-Butyl Alcohol	2.977	59	23235m	32.870	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	32302	4.548	ug/l	99
25) Chloroform	5.105	83	20603	4.941	ug/l	99
26) Cyclohexane	5.476	56	18388	4.744	ug/l #	93
29) 1,1-Dichloropropene	5.702	75	13878	4.640	ug/l	95
30) 2-Butanone	4.568	43	51187	25.356	ug/l	97
31) 2,2-Dichloropropane	4.489	77	11660m	4.079	ug/l	
32) 1,1,1-Trichloroethane	5.391	97	15435	4.799	ug/l	95
33) Carbon Tetrachloride	5.684	117	13062m	4.836	ug/l	
34) Benzene	6.037	78	47735	4.966	ug/l #	96
35) Methacrylonitrile	4.934	41	10967	5.367	ug/l	87
36) 1,2-Dichloroethane	6.092	62	15313	5.234	ug/l	96
37) Trichloroethene	7.135	130	12572	4.891	ug/l	98
38) Methylcyclohexane	7.385	83	19025	4.902	ug/l	95
39) 1,2-Dichloropropane	7.440	63	12481	5.101	ug/l	94
40) Dibromomethane	7.586	93	8405	5.068	ug/l	92
41) Bromodichloromethane	7.824	83	14606	4.930	ug/l	95
42) Vinyl Acetate	3.727	43	147407	22.833	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	19654	5.168	ug/l	95
44) Isopropyl Acetate	6.348	43	27494	4.759	ug/l	99
45) 1,4-Dioxane	7.683	88	7136	105.227	ug/l	97
46) Methyl methacrylate	7.702	41	13261	4.844	ug/l	94
47) n-amyl Acetate	10.841	43	20786	4.188	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	13390	4.090	ug/l	92
49) cis-1,3-Dichloropropene	8.372	75	16519	4.493	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	12007	4.887	ug/l	92
51) Ethyl methacrylate	9.122	69	17903	4.682	ug/l	97
52) 1,3-Dichloropropane	9.311	76	19580	4.954	ug/l	99
53) Dibromochloromethane	9.525	129	10155	4.465	ug/l	99
54) 1,2-Dibromoethane	9.610	107	13058	5.118	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	45864	23.271	ug/l	96
56) Bromoform	10.805	173	6450	4.052	ug/l	98
58) 4-Methyl-2-Pentanone	8.580	43	94116	24.966	ug/l	99
59) 2-Hexanone	9.433	43	69527	23.845	ug/l	97
61) Tetrachloroethene	9.281	164	12115	5.287	ug/l	89
62) Toluene	8.720	91	51934	5.115	ug/l	95
64) Chlorobenzene	10.079	112	31403	5.179	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	9794	4.632	ug/l	94
66) Ethyl Benzene	10.195	91	51451	4.769	ug/l	93
67) m/p-Xylenes	10.305	106	42057	10.046	ug/l	96
68) o-Xylene	10.646	106	20411	4.896	ug/l	98
69) Styrene	10.658	104	34184	4.955	ug/l	96
70) Isopropylbenzene	10.963	105	51627	4.918	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	19023	4.984	ug/l	98
72) 1,2,3-Trichloropropane	11.244	75	16484m	4.804	ug/l	
73) Bromobenzene	11.201	156	12613	5.011	ug/l	92
74) n-propylbenzene	11.305	91	58133	4.617	ug/l	100
75) 2-Chlorotoluene	11.366	91	34628	4.670	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	42592	4.833	ug/l	100
77) t-1,4-Dichloro-2-butene	11.024	75	4368	3.701	ug/l	83
78) 4-Chlorotoluene	11.457	91	39326	4.725	ug/l	98
79) tert-butylbenzene	11.719	119	40651	4.741	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	41409	4.570	ug/l	98
81) sec-Butylbenzene	11.890	105	52133	4.492	ug/l	99
82) p-Isopropyltoluene	12.012	119	40551	4.340	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	23677	4.862	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	23509	4.760	ug/l	99
85) n-Butylbenzene	12.335	91	33751	3.850	ug/l	98
86) Hexachloroethane	12.542	117	6261	4.034	ug/l	84
87) 1,2-Dichlorobenzene	12.335	146	23658	4.920	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3641	4.183	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	13423	4.508	ug/l	92
90) Hexachlorobutadiene	13.725	225	5581	4.943	ug/l	98
91) Naphthalene	13.780	128	51710	4.357	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	13887	4.579	ug/l	99

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

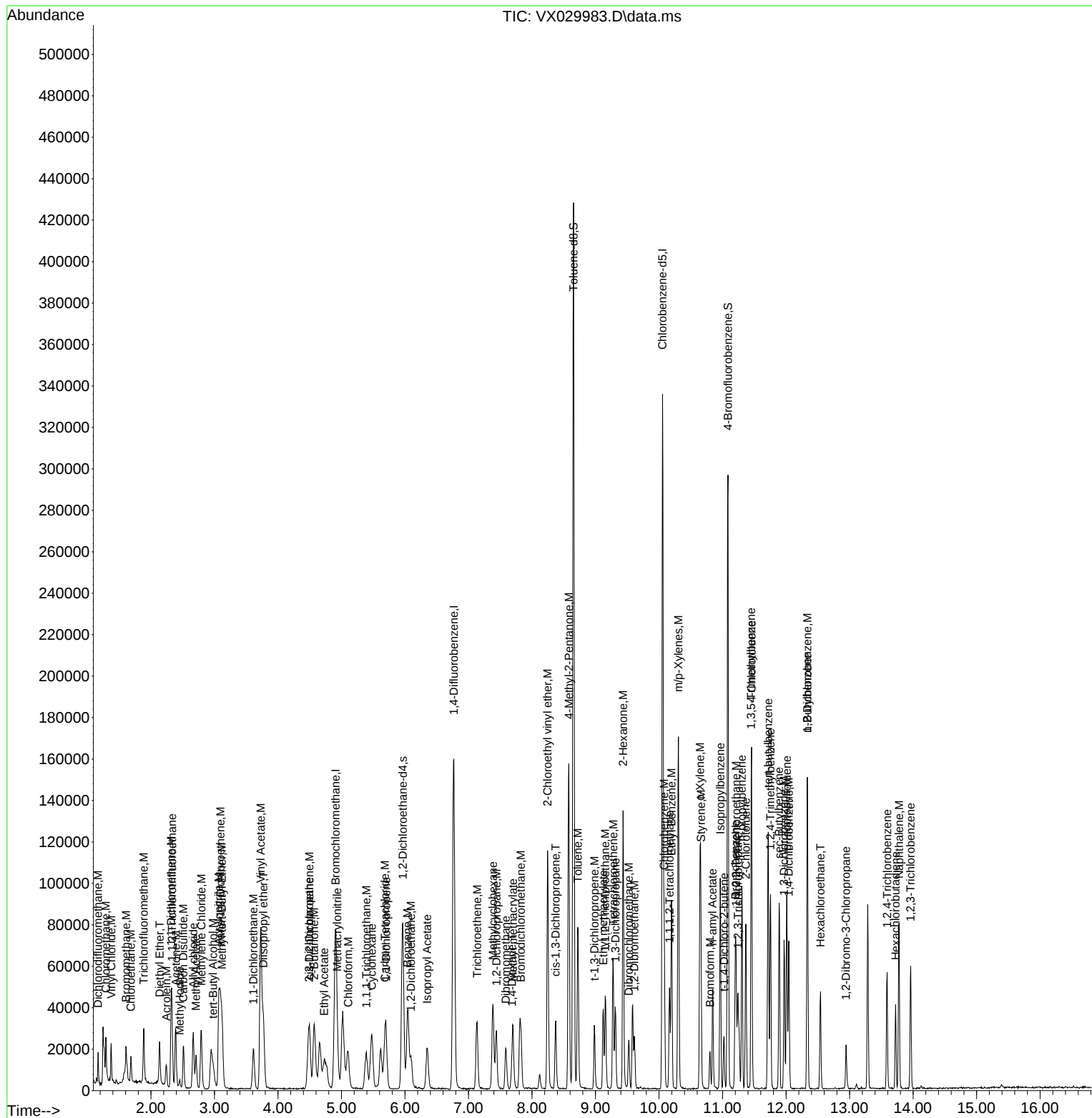
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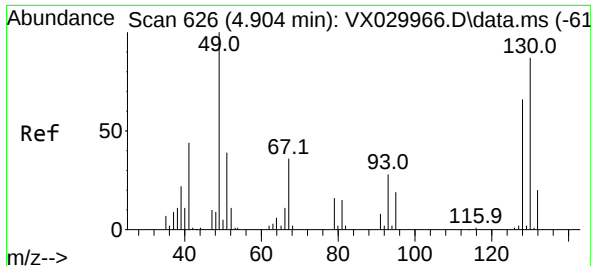
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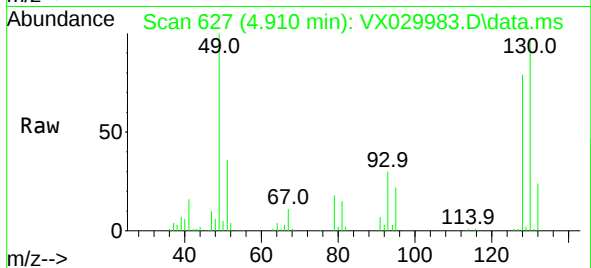
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

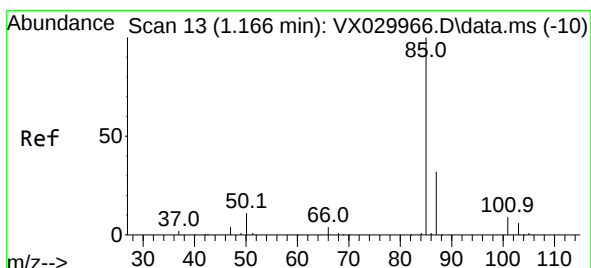
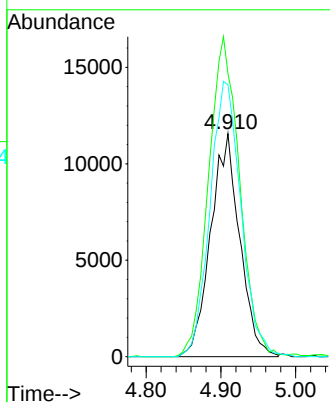
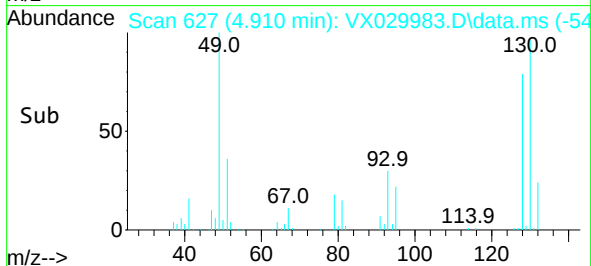
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 31260
Ion Ratio Lower Upper
128 100
49 153.3 0.0 358.3
130 131.7 0.0 319.3

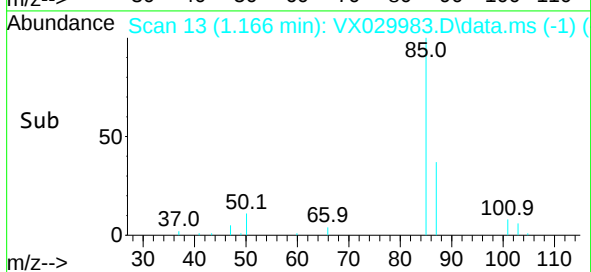
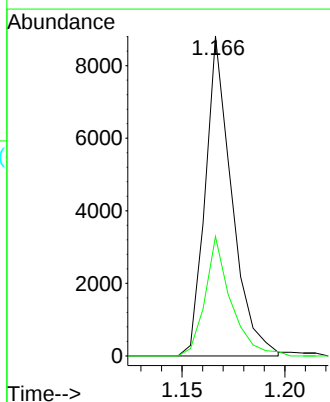
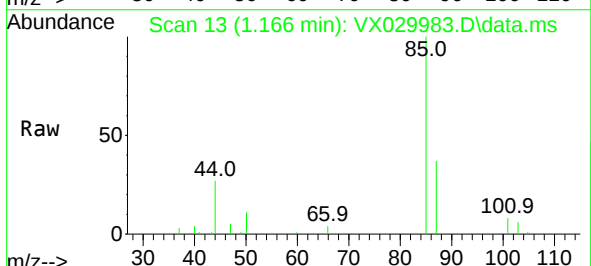
Manual Integrations
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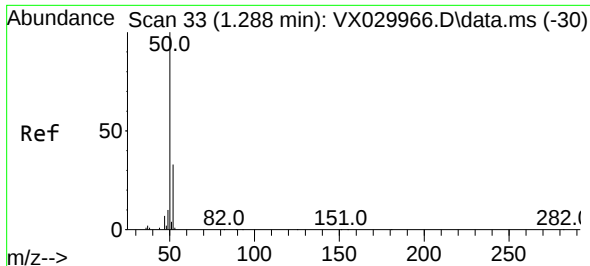
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 3.691 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

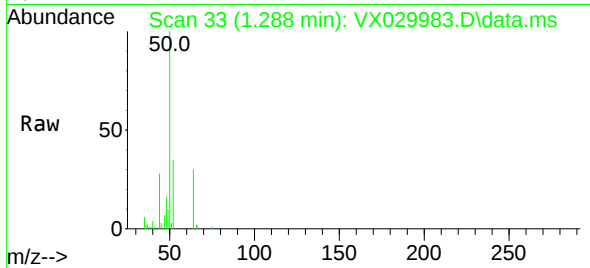
Tgt Ion: 85 Resp: 7890
Ion Ratio Lower Upper
85 100
87 37.4 15.6 46.8





#3
Chloromethane
Concen: 4.601 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

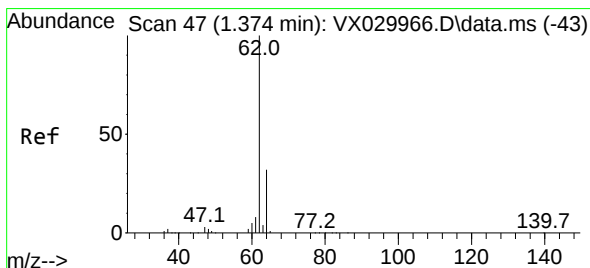
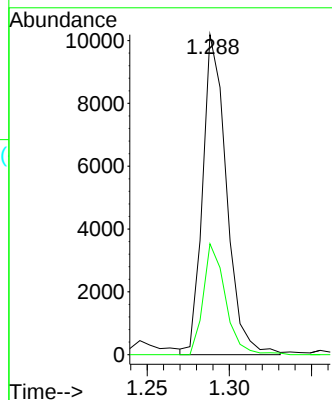
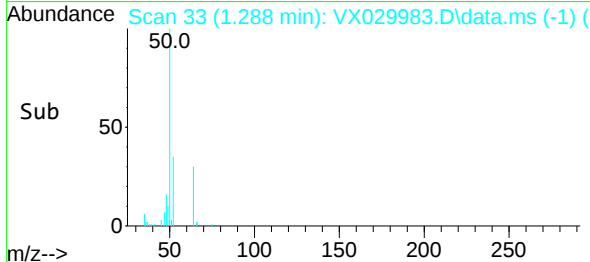
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 50 Resp: 1025
Ion Ratio Lower Upper
50 100
52 34.9 25.6 38.4

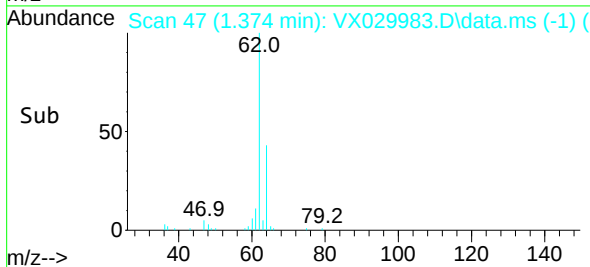
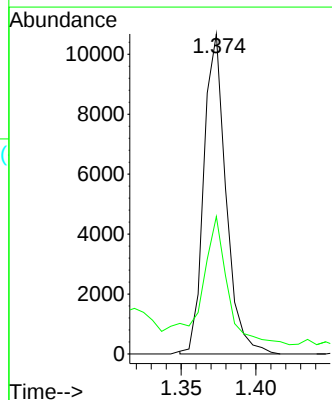
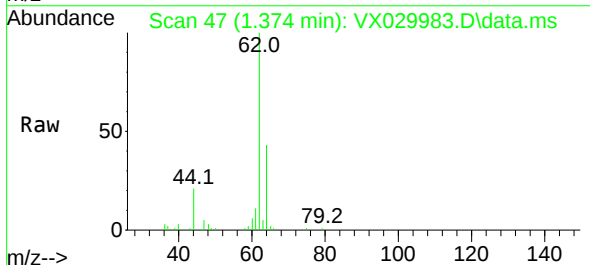
Manual Integrations
APPROVED

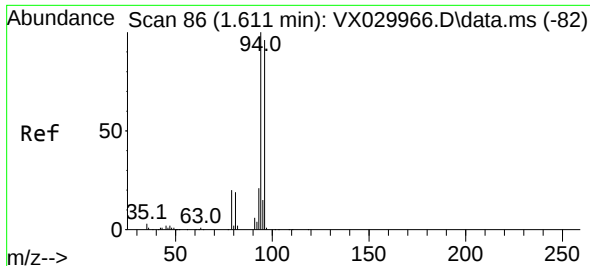
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#4
Vinyl Chloride
Concen: 4.353 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

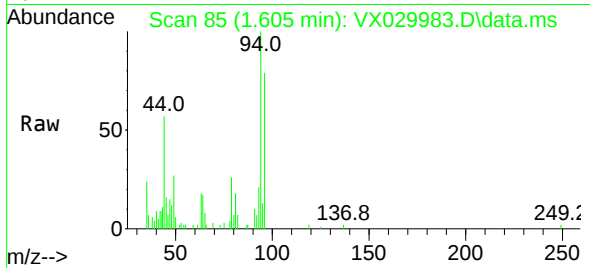
Tgt Ion: 62 Resp: 10996
Ion Ratio Lower Upper
62 100
64 39.1 26.2 39.2





#5
Bromomethane
Concen: 3.263 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

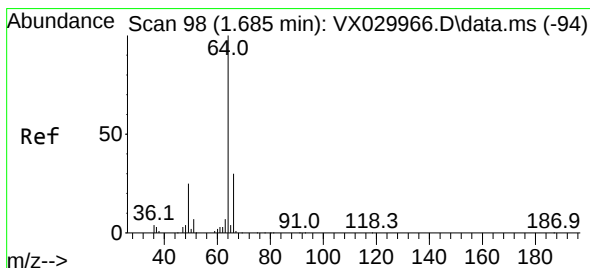
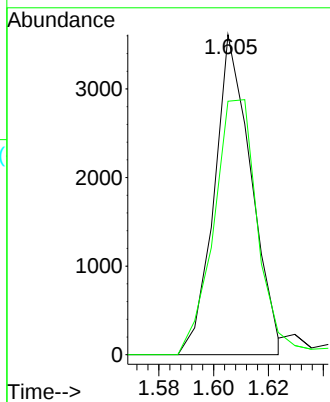
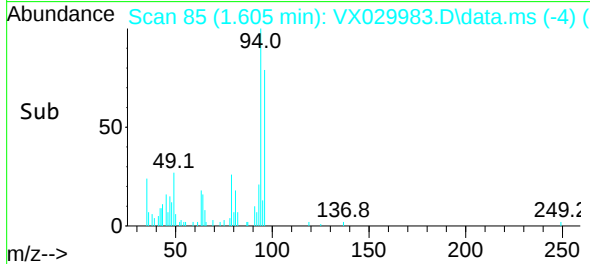
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 94 Resp: 3390
Ion Ratio Lower Upper
94 100
96 79.2 77.0 115.6

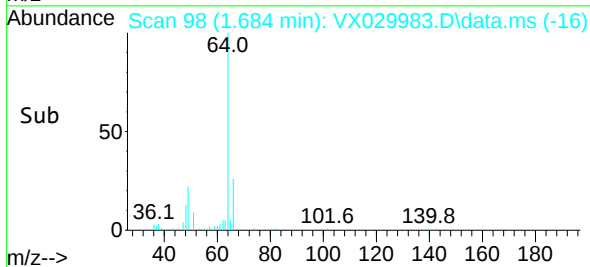
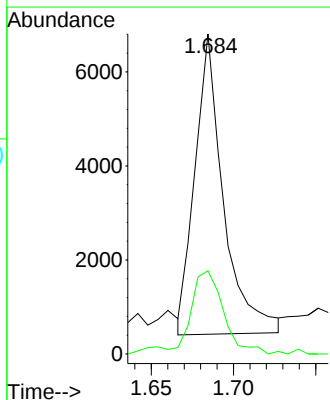
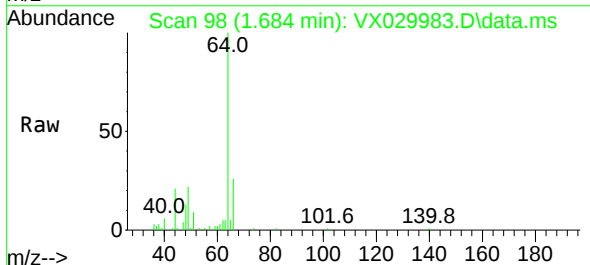
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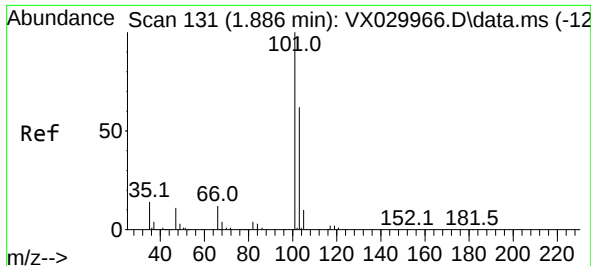
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#6
Chloroethane
Concen: 5.699 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029983.D
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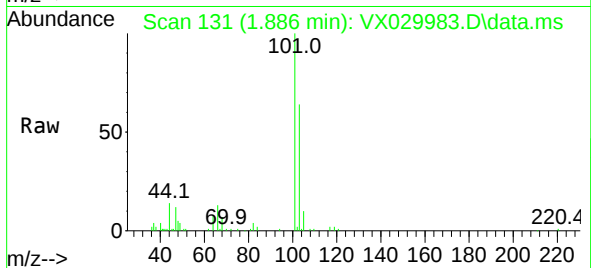
Tgt Ion: 64 Resp: 7709
Ion Ratio Lower Upper
64 100
66 28.3 26.4 39.6





#7
Trichlorofluoromethane
Concen: 4.636 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX029983.D
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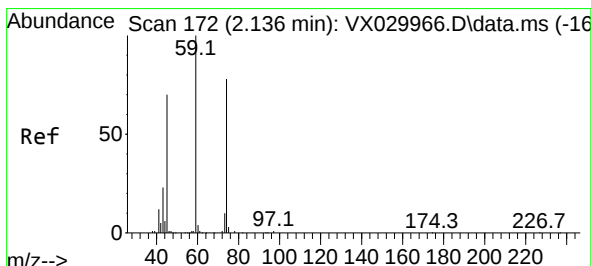
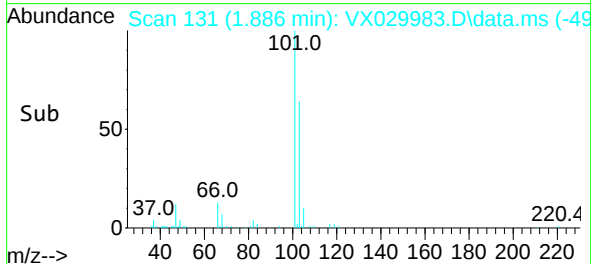
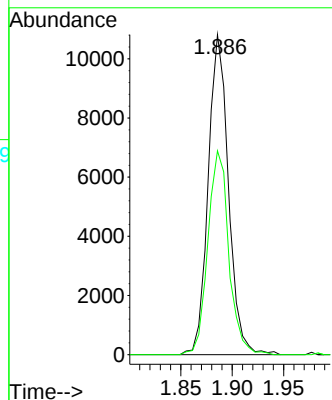
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:101 Resp: 1484
Ion Ratio Lower Upper
101 100
103 63.7 49.6 74.4

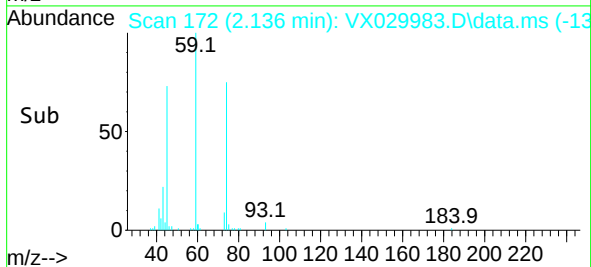
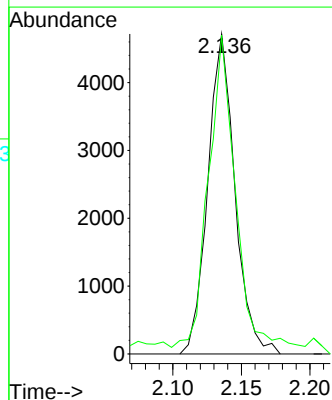
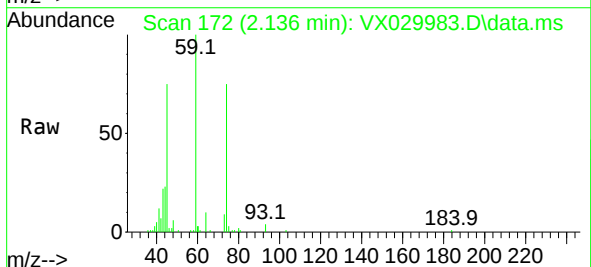
Manual Integrations
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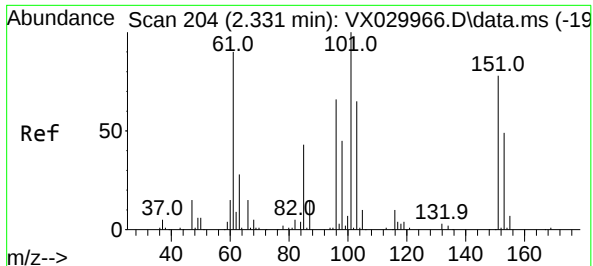
Reviewed By :John Carlone 07/11/2022
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#8
Diethyl Ether
Concen: 4.762 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Tgt Ion: 74 Resp: 6485
Ion Ratio Lower Upper
74 100
45 100.3 18.7 168.7





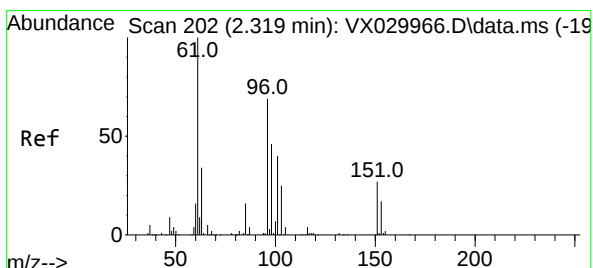
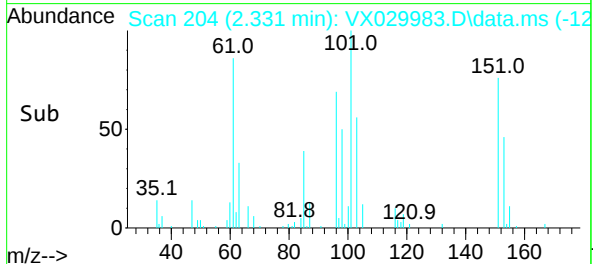
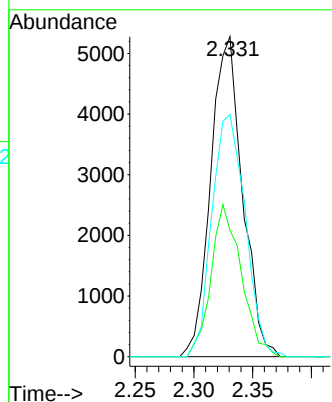
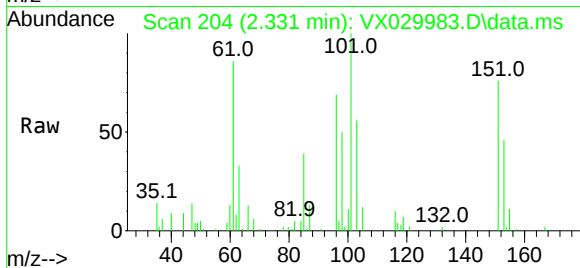
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1,1,2-Trichlorotrifluoroethane
Concen: 4.604 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029983.D
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Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:101 Resp: 992
Ion Ratio Lower Upper
101 100
85 45.3 0.0 84.6
151 79.5 0.0 165.4

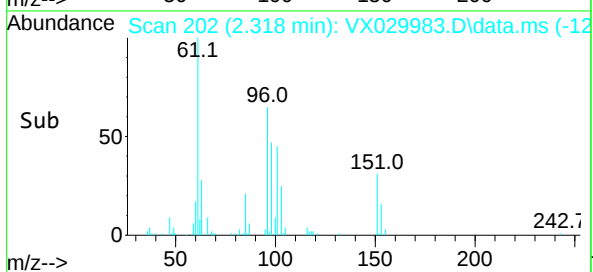
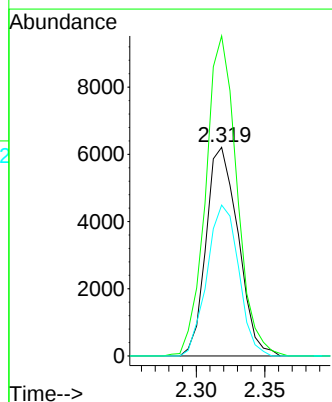
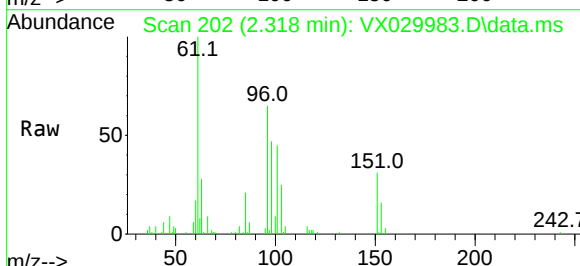
Manual Integrations
APPROVED

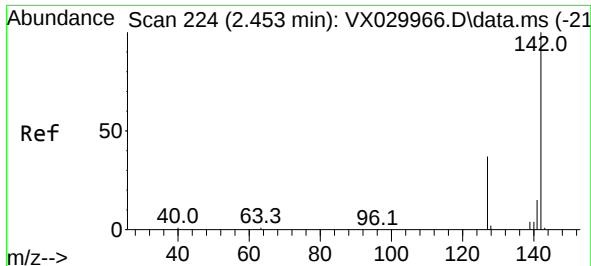
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
1,1-Dichloroethene
Concen: 4.594 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

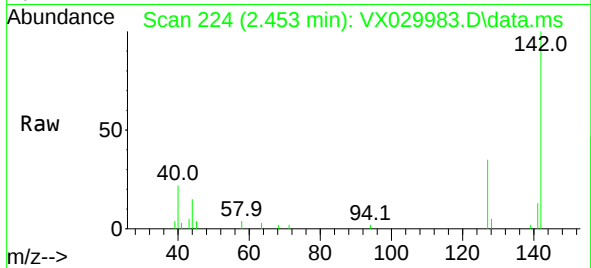
Tgt Ion: 96 Resp: 10114
Ion Ratio Lower Upper
96 100
61 152.2 122.6 183.8
98 72.3 50.1 75.1





#11
Methyl Iodide
Concen: 1.914 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

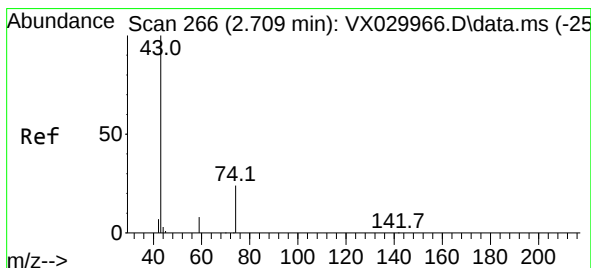
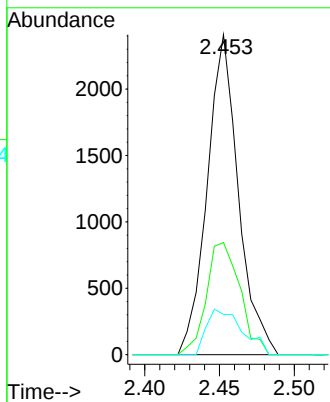
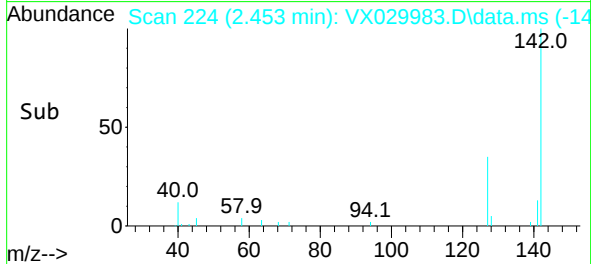
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:142 Resp: 3498
Ion Ratio Lower Upper
142 100
127 35.1 22.3 66.9
141 12.6 7.0 20.9

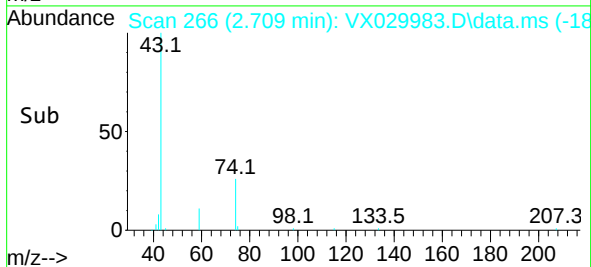
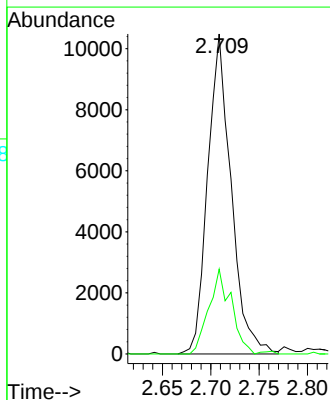
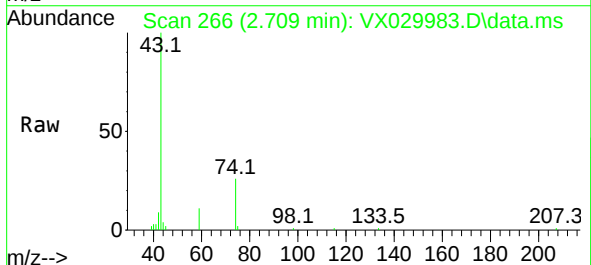
Manual Integrations
APPROVED

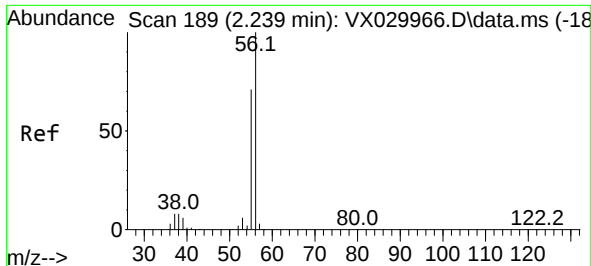
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#12
Methyl Acetate
Concen: 4.923 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

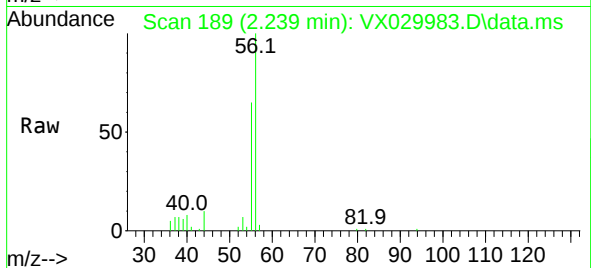
Tgt Ion: 43 Resp: 17651
Ion Ratio Lower Upper
43 100
74 26.6 22.1 33.1





#13
Acrolein
Concen: 19.700 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

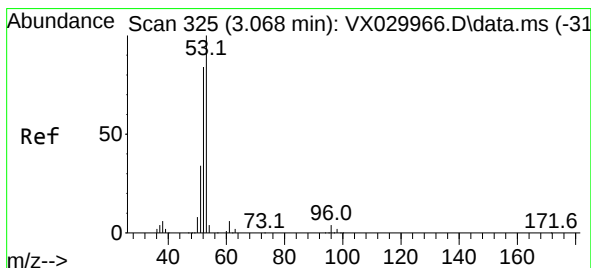
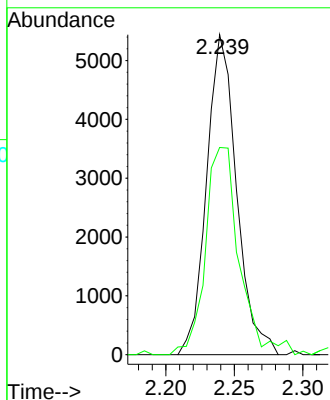
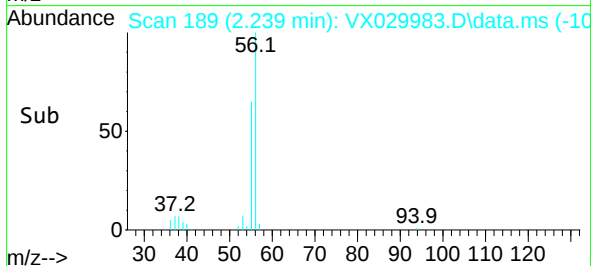
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 56 Resp: 829
Ion Ratio Lower Upper
56 100
55 69.9 56.4 84.6

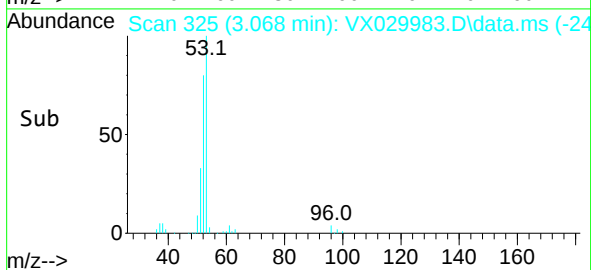
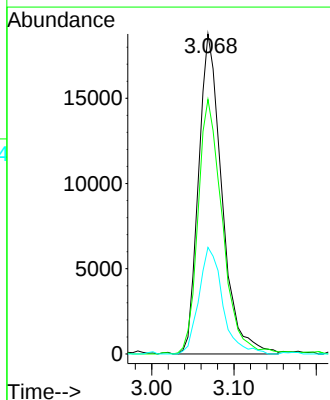
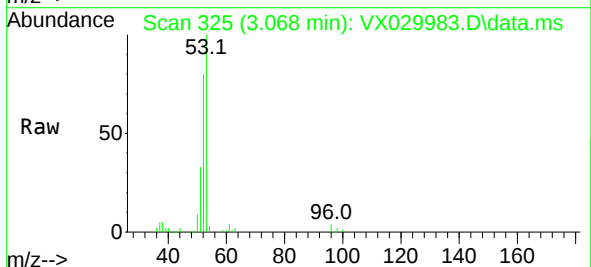
Manual Integrations
APPROVED

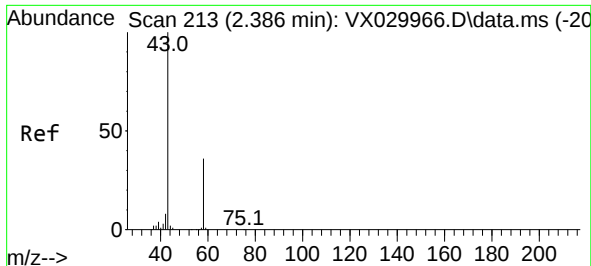
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Acrylonitrile
Concen: 24.037 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

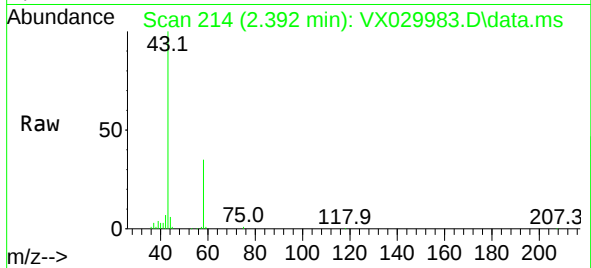
Tgt Ion: 53 Resp: 37090
Ion Ratio Lower Upper
53 100
52 81.9 41.5 124.5
51 33.9 18.1 54.4





#15
Acetone
Concen: 25.235 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

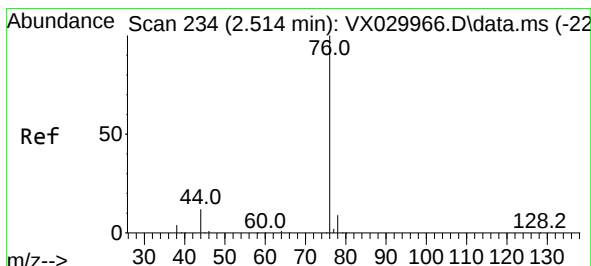
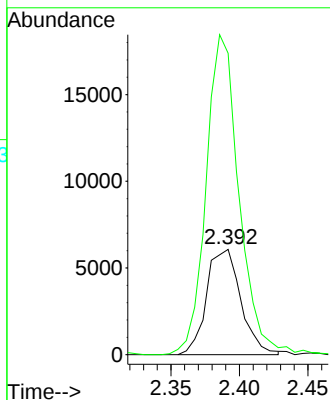
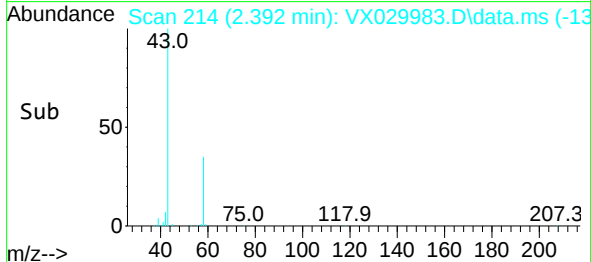
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 58 Resp: 1057
Ion Ratio Lower Upper
58 100
43 281.3 250.2 375.2

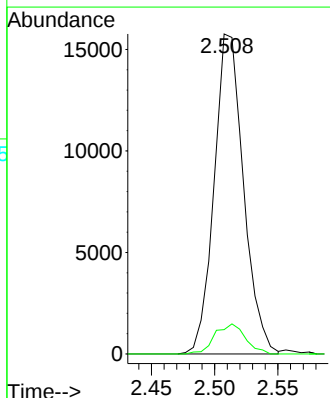
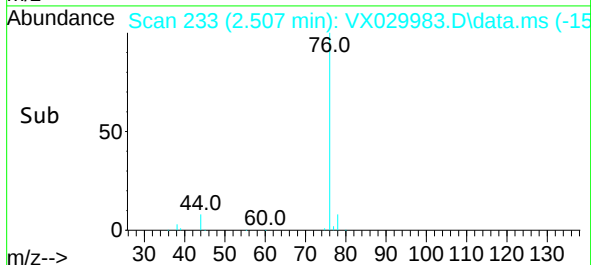
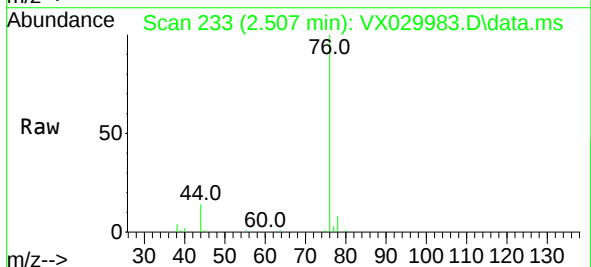
Manual Integrations
APPROVED

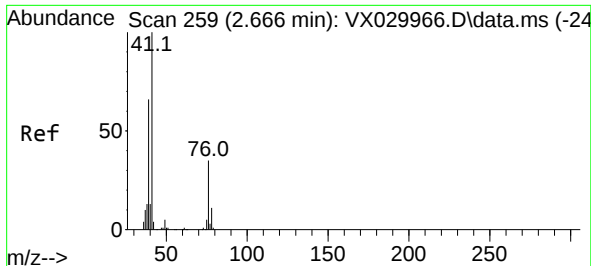
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#16
Carbon Disulfide
Concen: 4.434 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Tgt Ion: 76 Resp: 25478
Ion Ratio Lower Upper
76 100
78 7.6 7.1 10.7





#17

Allyl chloride

Concen: 4.413 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 41 Resp: 17119

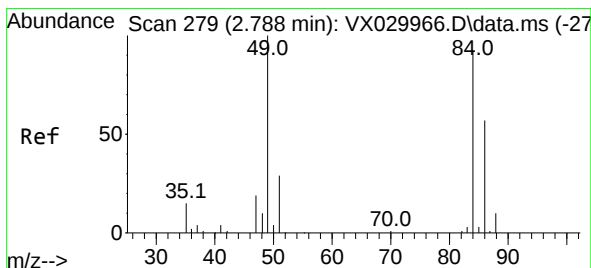
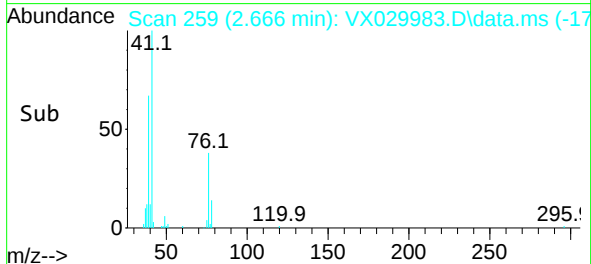
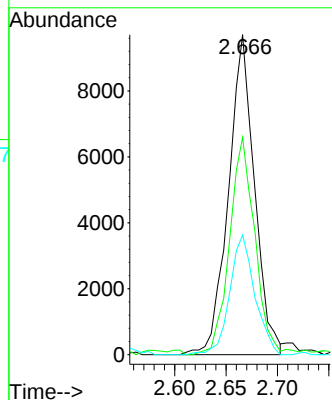
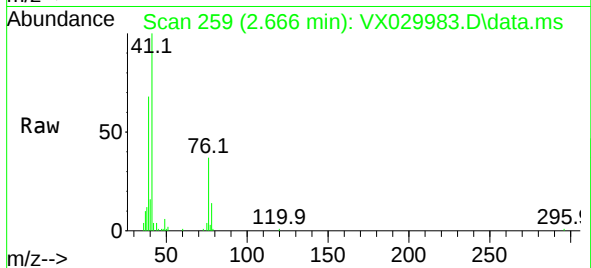
Ion	Ratio	Lower	Upper
41	100		
39	66.8	35.4	106.1
76	37.4	18.4	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#18

Methylene Chloride

Concen: 5.087 ug/l

RT: 2.794 min Scan# 280

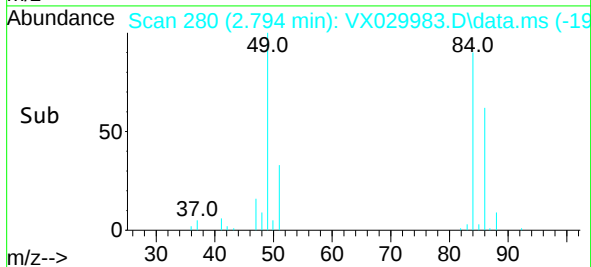
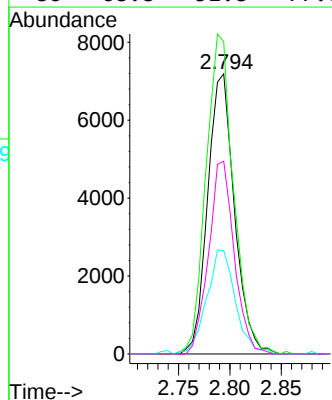
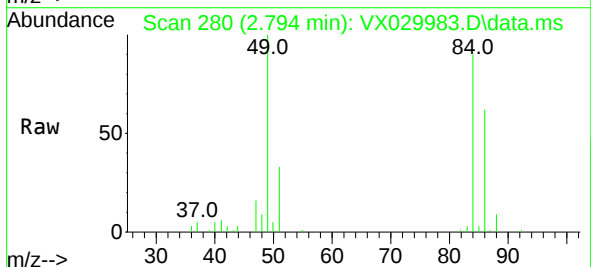
Delta R.T. 0.006 min

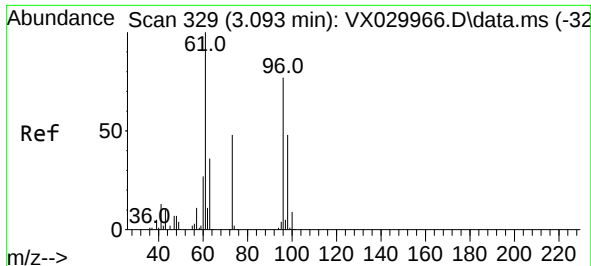
Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Tgt Ion: 84 Resp: 13047

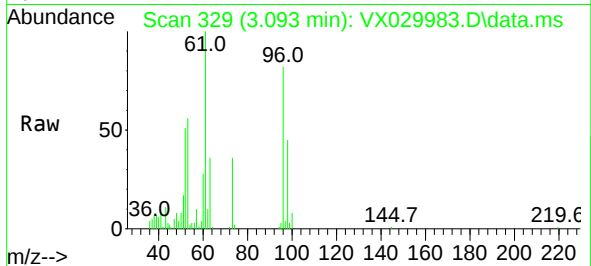
Ion	Ratio	Lower	Upper
84	100		
49	111.4	94.2	141.2
51	36.9	29.2	43.8
86	68.8	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 4.849 ug/l
RT: 3.093 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

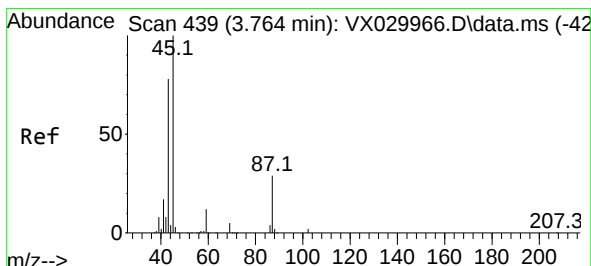
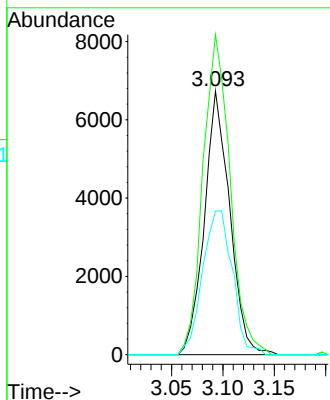
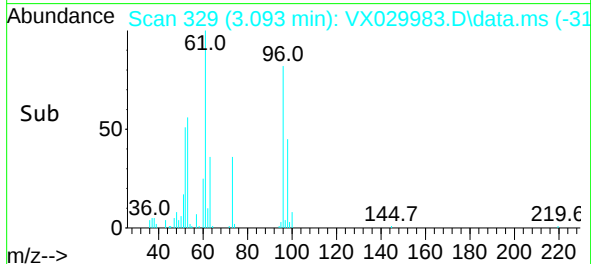
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



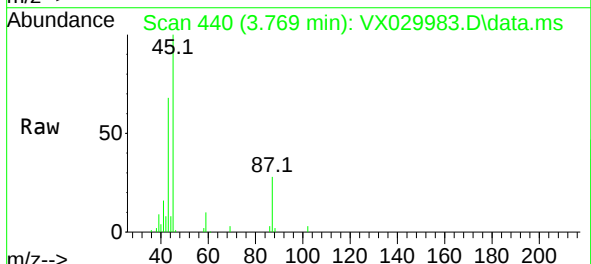
Tgt Ion: 96 Resp: 11583
Ion Ratio Lower Upper
96 100
61 121.3 108.7 163.1
98 54.5 49.2 73.8

Manual Integrations
APPROVED

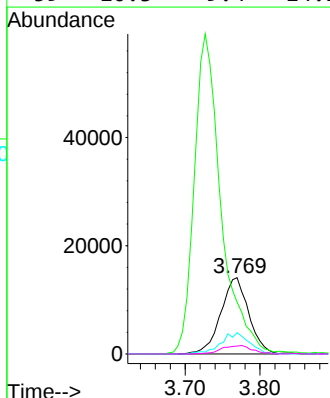
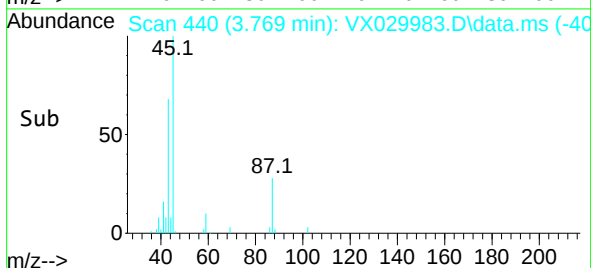
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

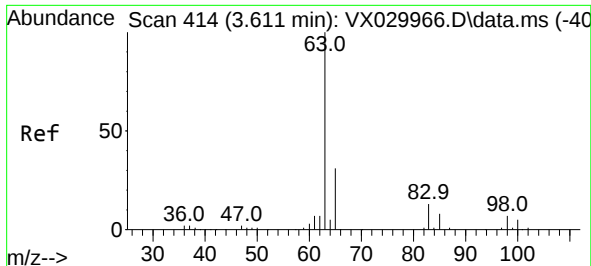


#20
Diisopropyl ether
Concen: 4.709 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



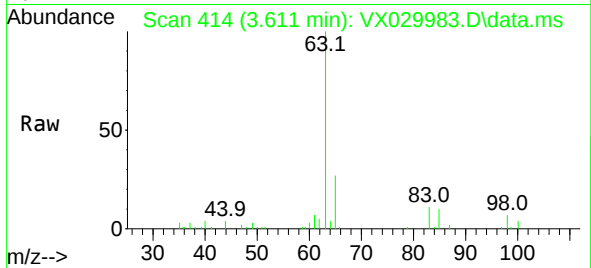
Tgt Ion: 45 Resp: 36597
Ion Ratio Lower Upper
45 100
43 64.2 70.3 105.5#
87 28.0 24.5 36.7
59 10.3 9.4 14.2





#21
1,1-Dichloroethane
Concen: 5.017 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

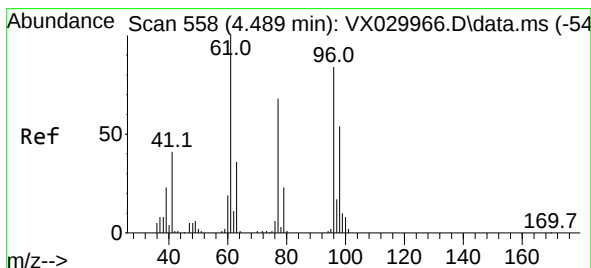
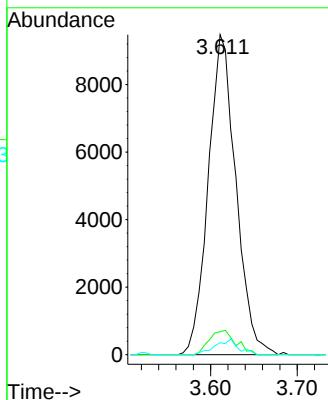
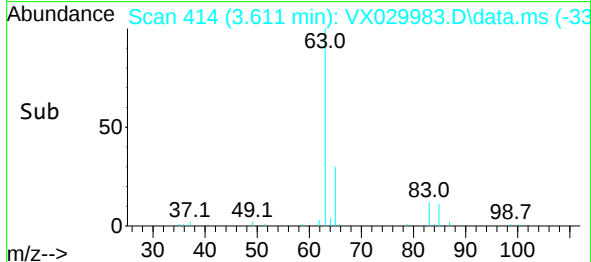
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 63 Resp: 20988
Ion Ratio Lower Upper
63 100
98 8.0 3.8 11.2
100 3.8 2.5 7.5

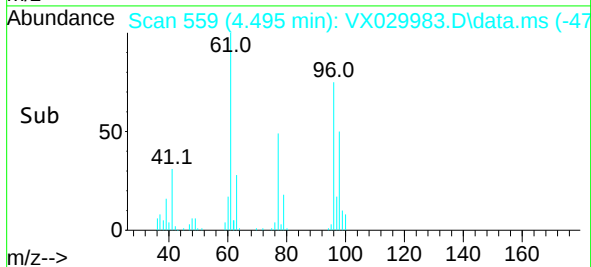
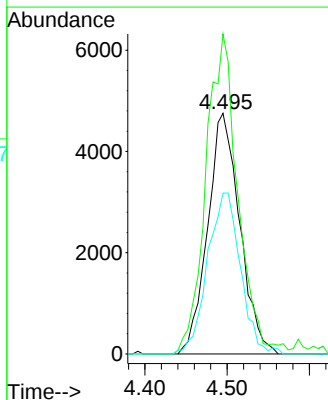
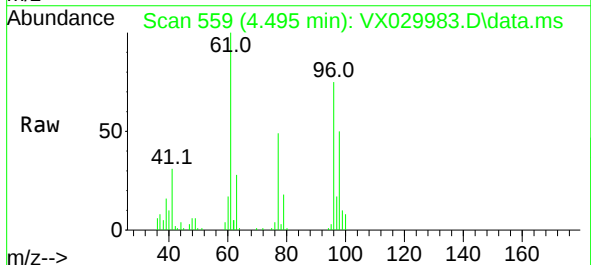
Manual Integrations
APPROVED

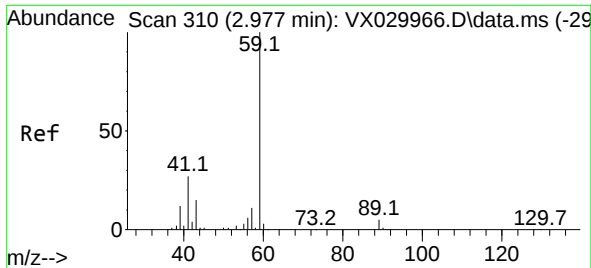
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
cis-1,2-Dichloroethene
Concen: 4.546 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

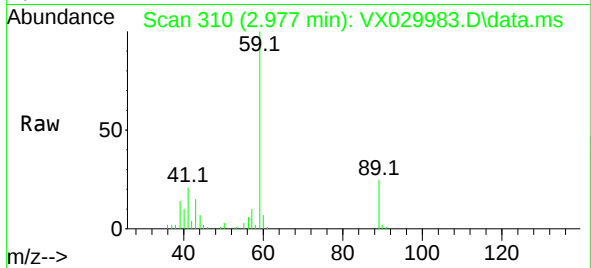
Tgt Ion: 96 Resp: 12896
Ion Ratio Lower Upper
96 100
61 130.4 107.4 161.2
98 68.1 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 32.870 ug/l m
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

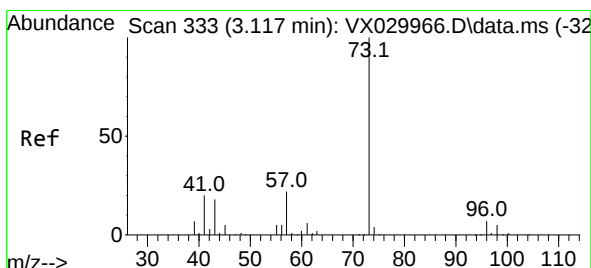
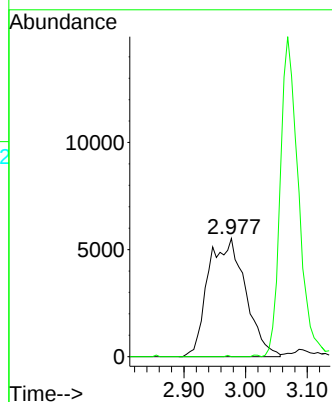
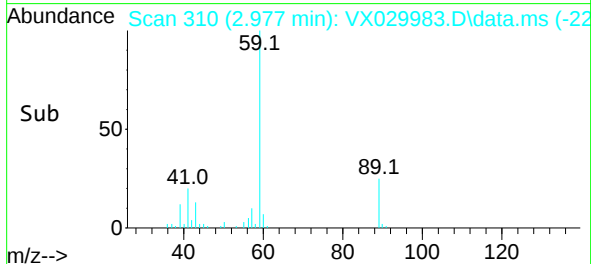
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 59 Resp: 2323
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

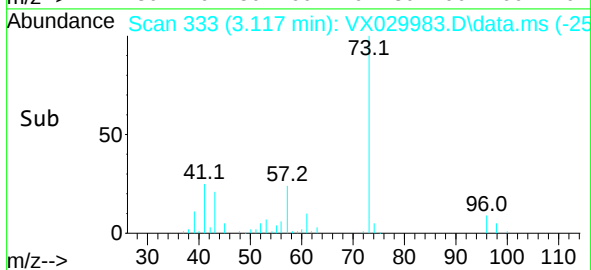
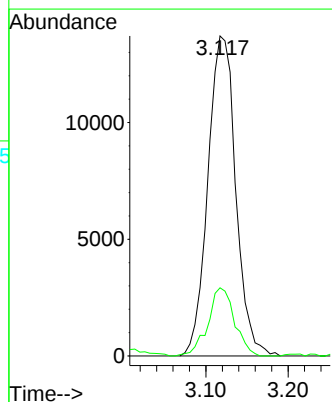
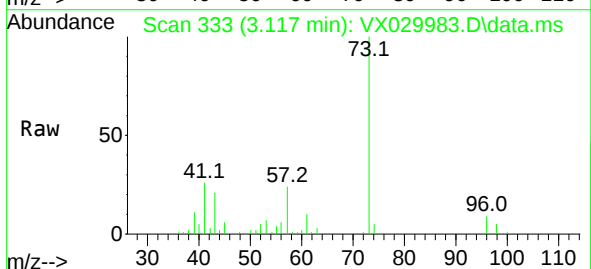
Manual Integrations
APPROVED

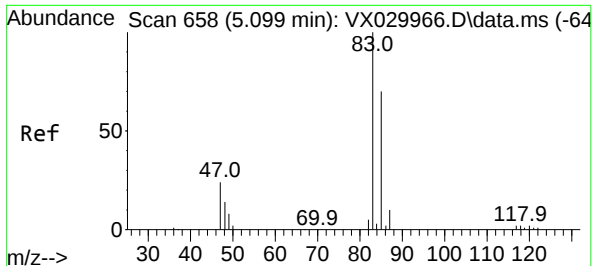
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#24
Methyl tert-Butyl Ether
Concen: 4.548 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Tgt Ion: 73 Resp: 32302
Ion Ratio Lower Upper
73 100
43 20.3 16.0 24.0





#25

Chloroform

Concen: 4.941 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 83 Resp: 2060

Ion Ratio Lower Upper

83 100

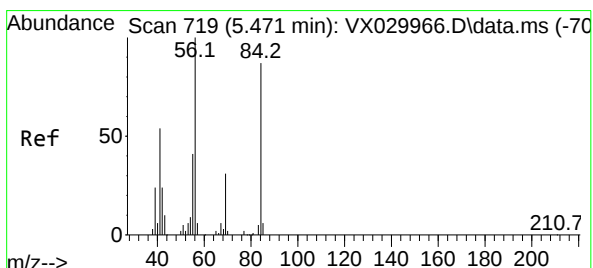
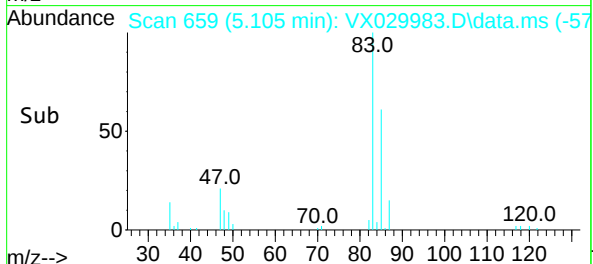
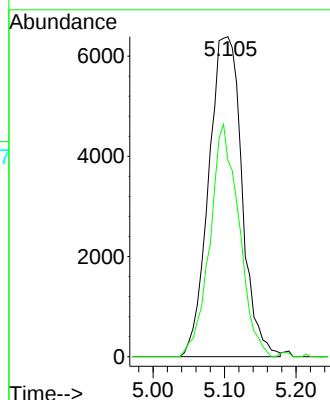
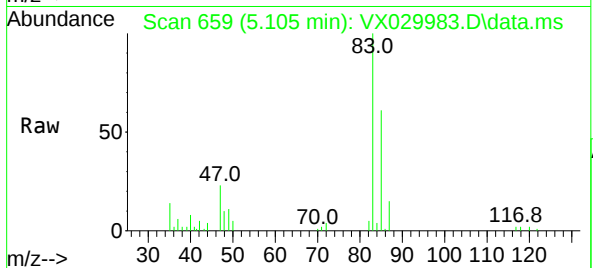
85 61.3 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#26

Cyclohexane

Concen: 4.744 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

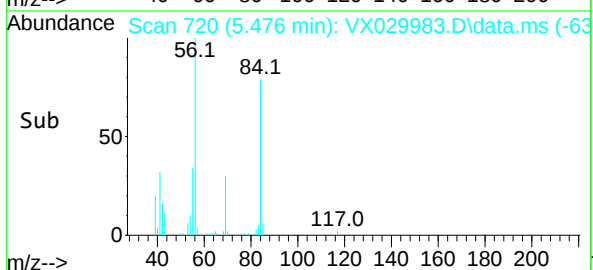
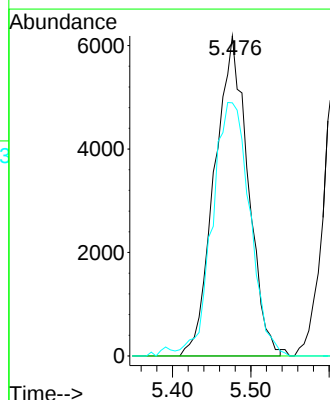
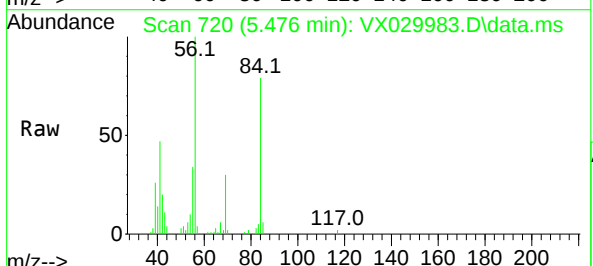
Tgt Ion: 56 Resp: 18388

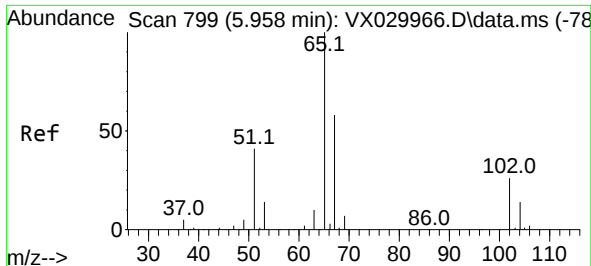
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.3 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 28.188 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 65 Resp: 71852

Ion Ratio Lower Upper

65 100

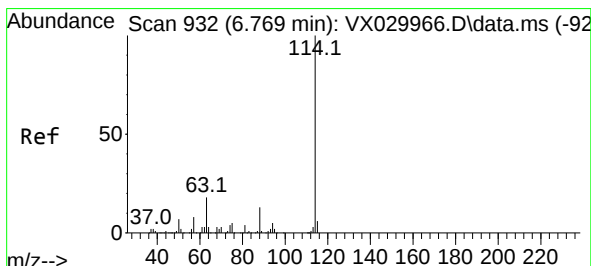
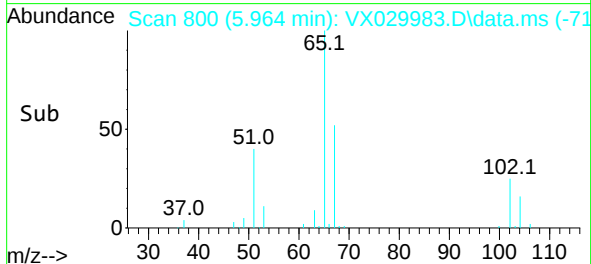
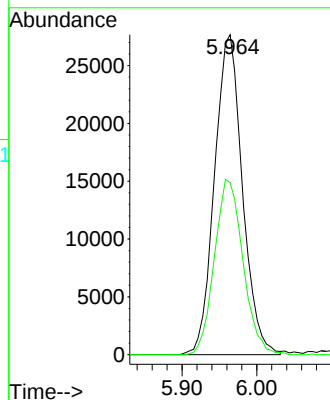
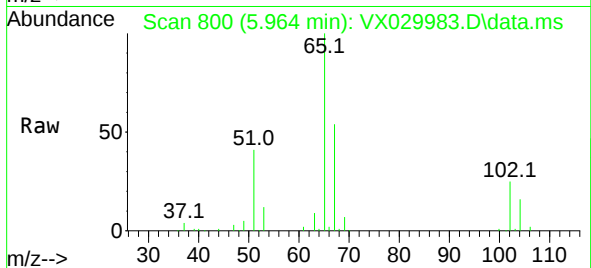
67 55.9 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

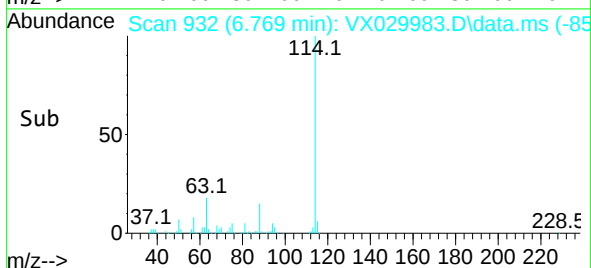
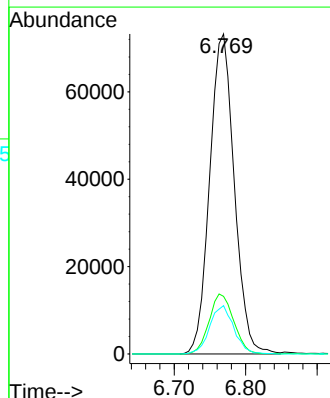
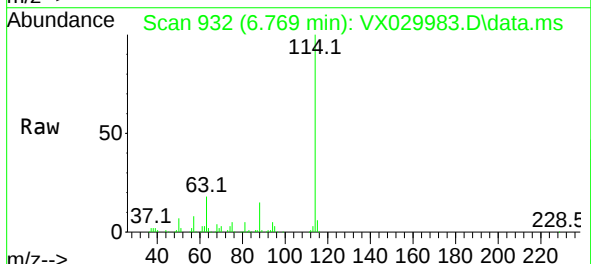
Tgt Ion:114 Resp: 174837

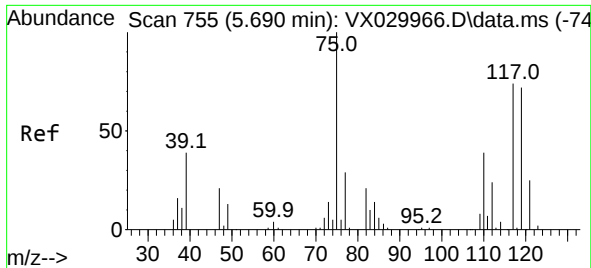
Ion Ratio Lower Upper

114 100

63 18.7 15.3 22.9

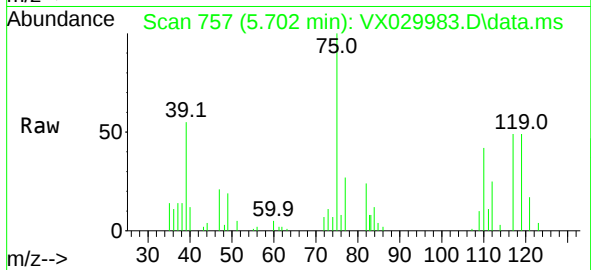
88 14.9 12.2 18.4





#29
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.702 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

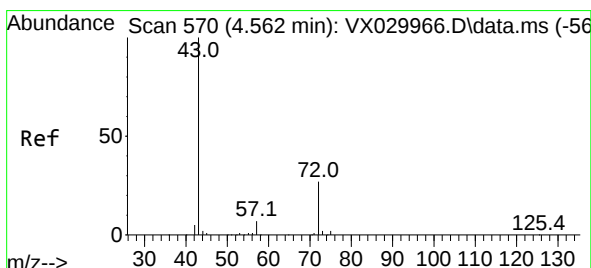
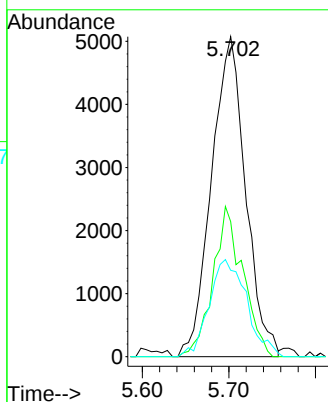
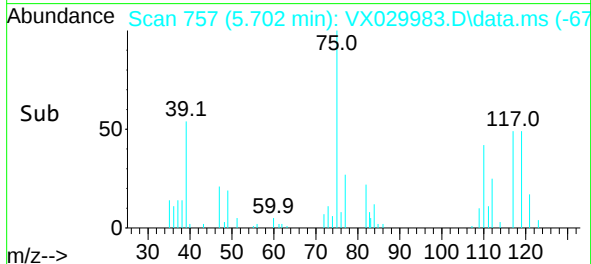
Instrument : MSVOA_X
Client Sample Id : LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 13878
Ion Ratio Lower Upper
75 100
110 41.2 0.0 73.6
77 32.7 0.0 62.2

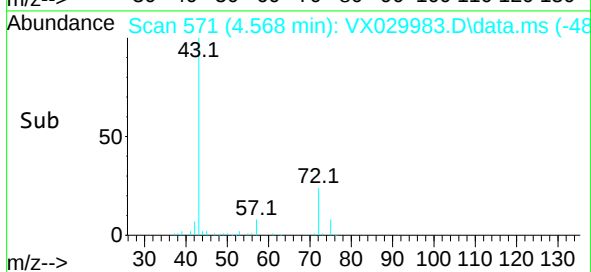
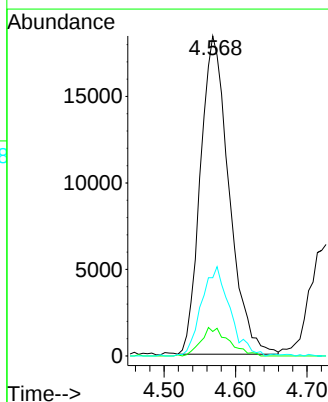
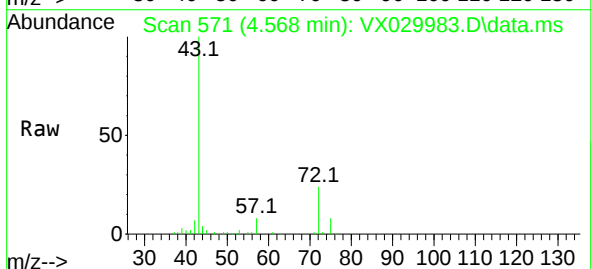
Manual Integrations
APPROVED

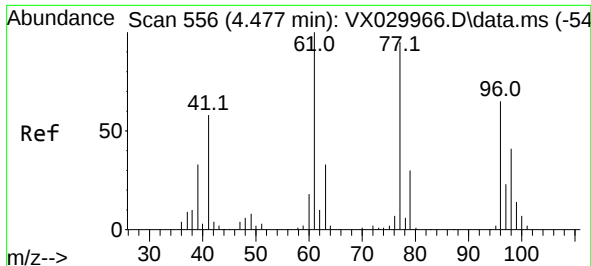
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#30
2-Butanone
Concen: 25.356 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

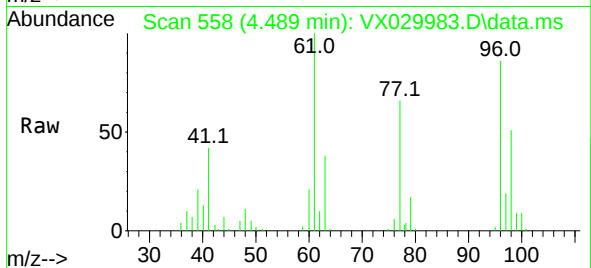
Tgt Ion: 43 Resp: 51187
Ion Ratio Lower Upper
43 100
57 8.5 6.6 10.0
72 25.9 22.1 33.1





#31
2,2-Dichloropropane
Concen: 4.079 ug/l m
RT: 4.489 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

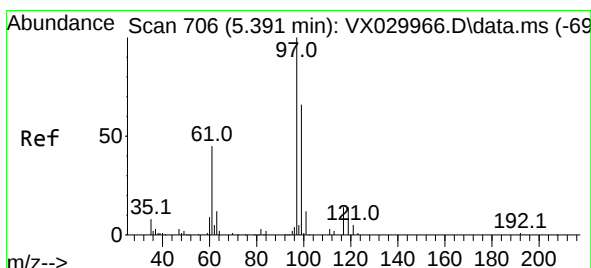
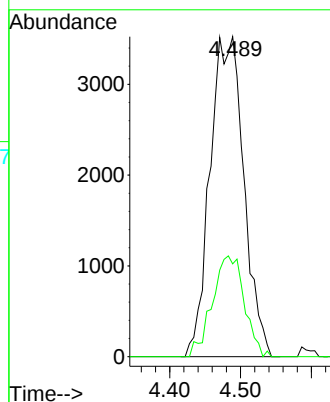
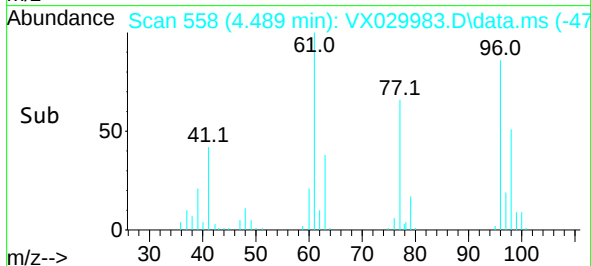
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 77 Resp: 11660
Ion Ratio Lower Upper
77 100
97 0.2 18.4 27.6

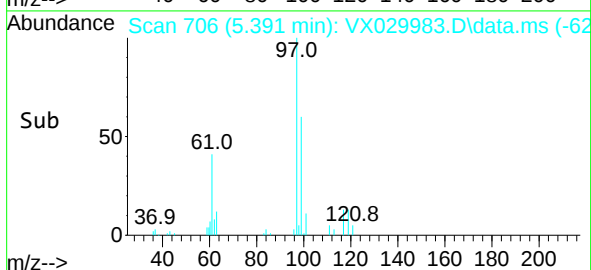
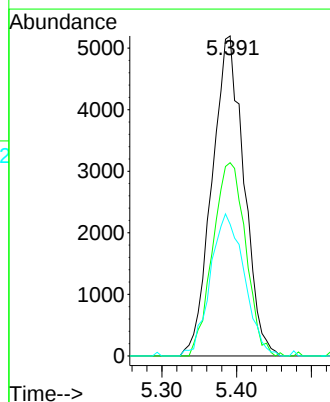
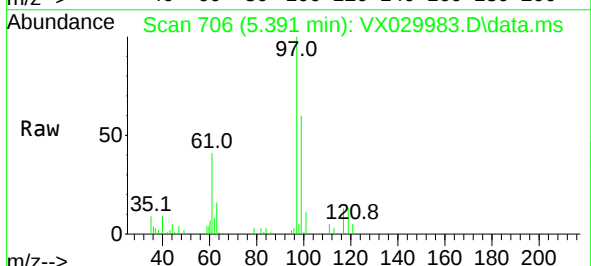
Manual Integrations
APPROVED

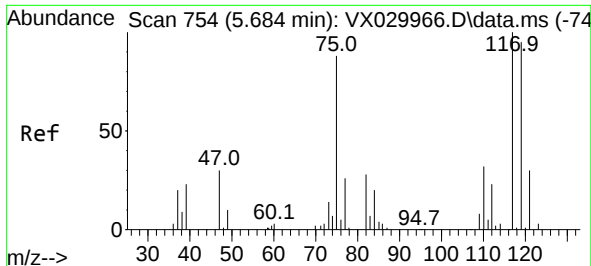
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#32
1,1,1-Trichloroethane
Concen: 4.799 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

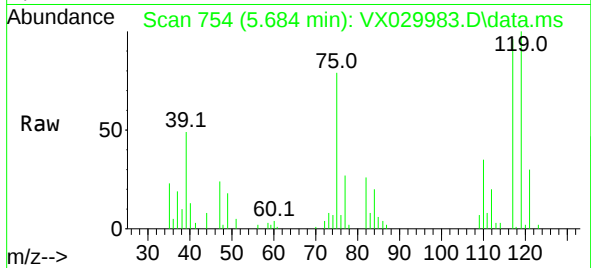
Tgt Ion: 97 Resp: 15435
Ion Ratio Lower Upper
97 100
99 62.2 51.8 77.8
61 46.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 4.836 ug/l m
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

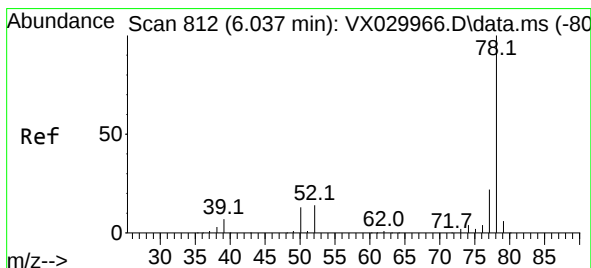
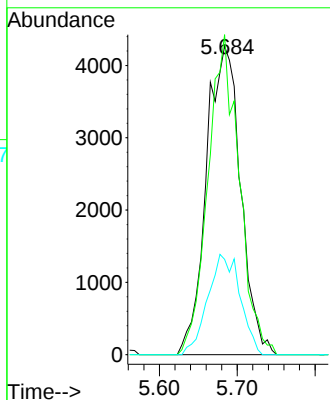
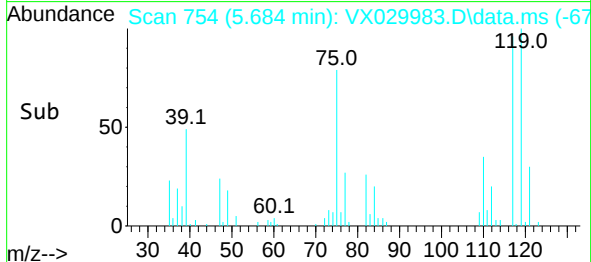
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:117 Resp: 13062
Ion Ratio Lower Upper
117 100
119 103.8 75.3 112.9
121 30.9 24.1 36.1

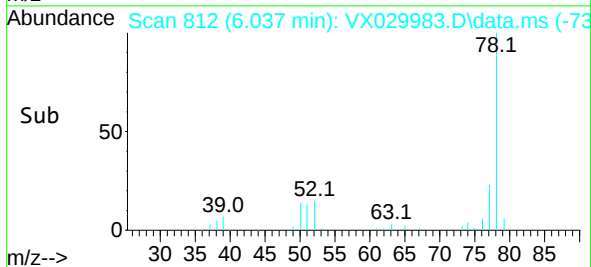
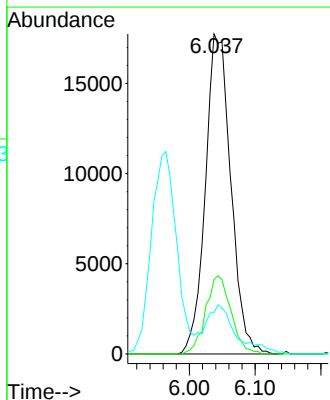
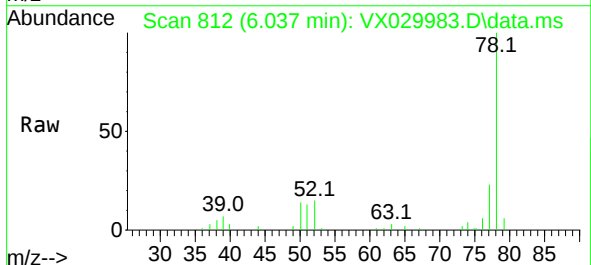
Manual Integrations
APPROVED

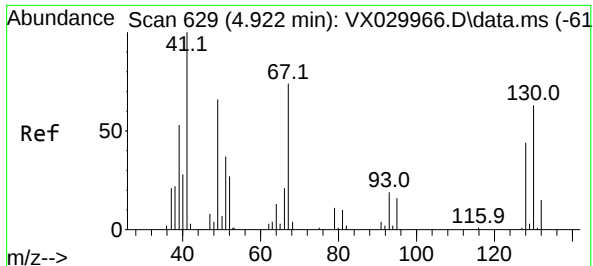
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
Benzene
Concen: 4.966 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

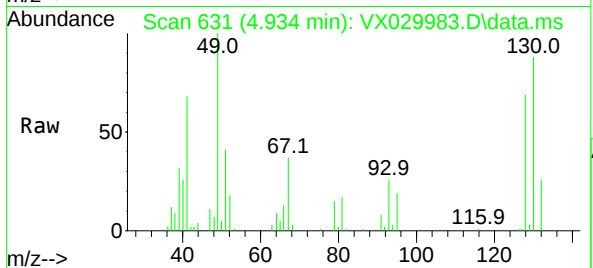
Tgt Ion: 78 Resp: 47735
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7
51 12.4 12.9 19.3#





#35
Methacrylonitrile
Concen: 5.367 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

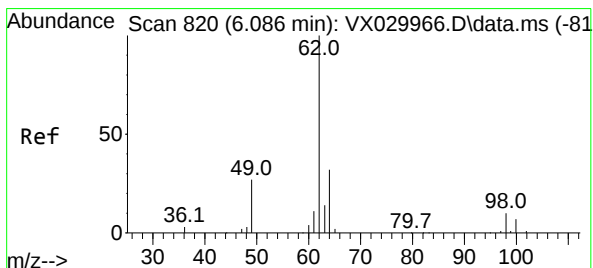
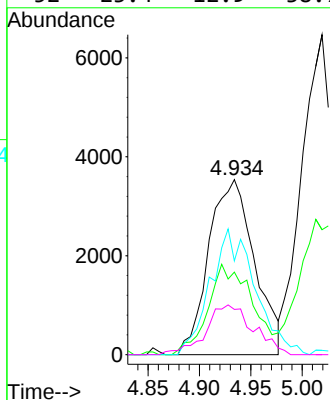
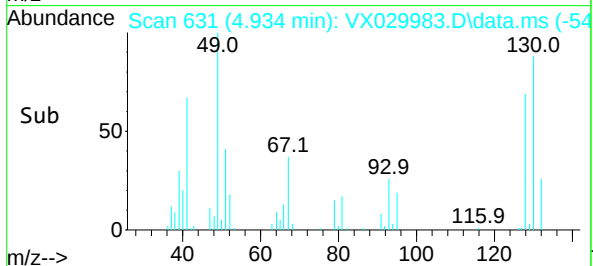
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 1096
Ion Ratio Lower Upper
41 100
39 44.6 27.0 81.0
67 53.6 33.3 99.8
52 23.4 12.9 38.7

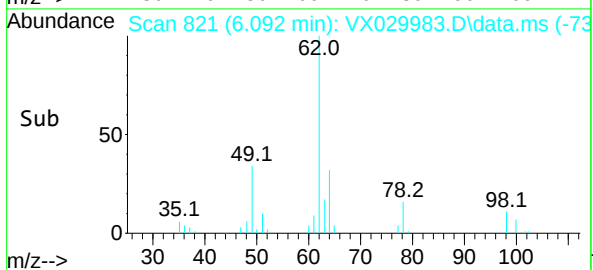
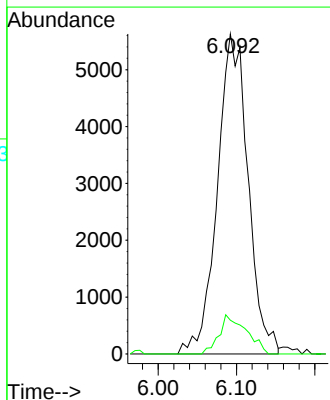
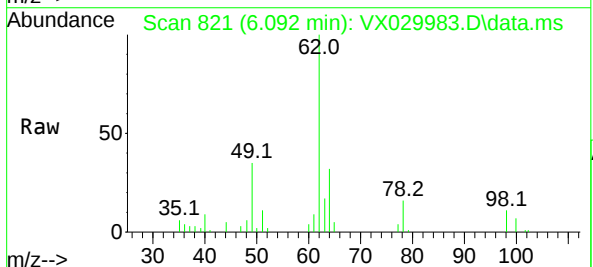
Manual Integrations
APPROVED

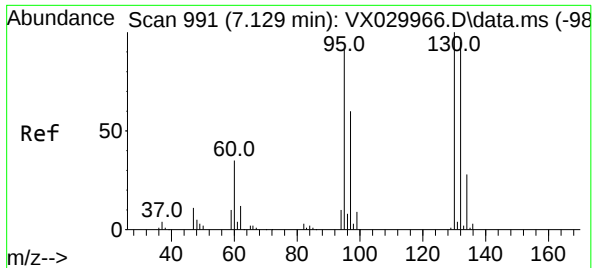
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 5.234 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Tgt Ion: 62 Resp: 15313
Ion Ratio Lower Upper
62 100
98 10.8 7.4 11.0





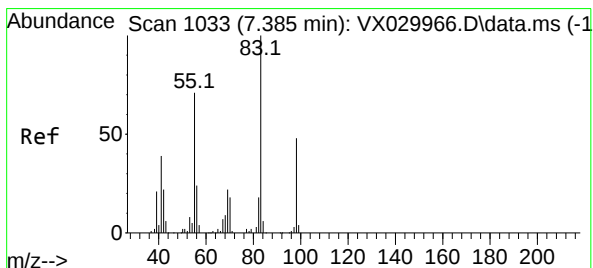
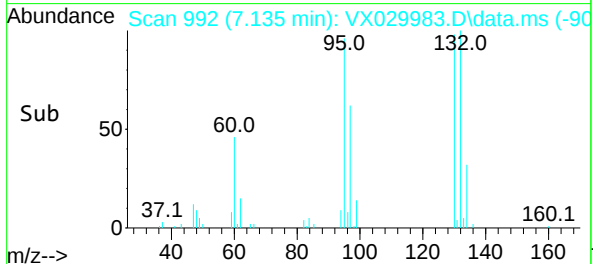
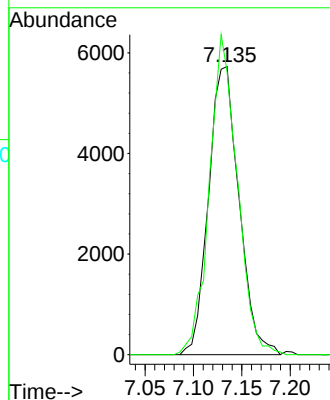
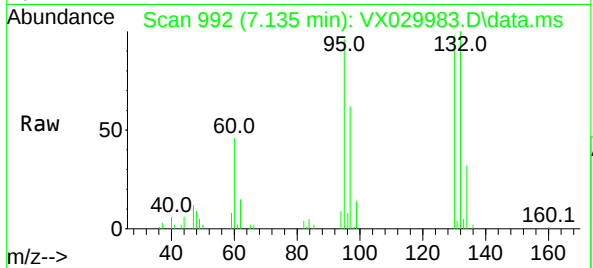
#37
Trichloroethene
Concen: 4.891 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:130 Resp: 12572
Ion Ratio Lower Upper
130 100
95 97.2 76.5 114.7

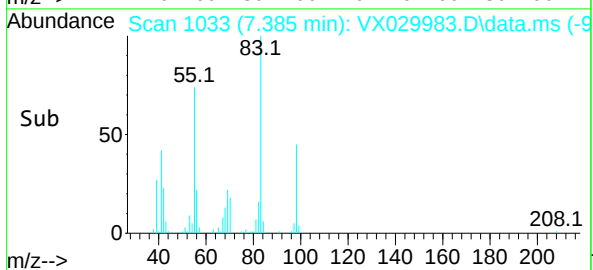
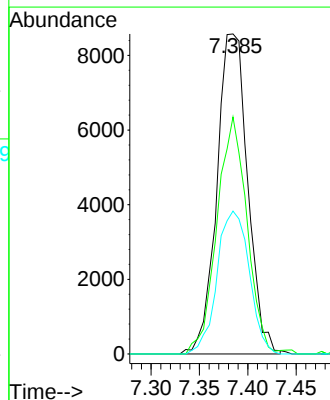
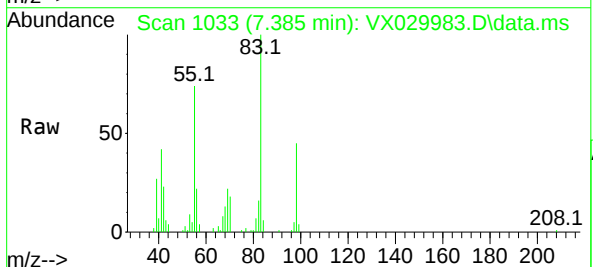
Manual Integrations
APPROVED

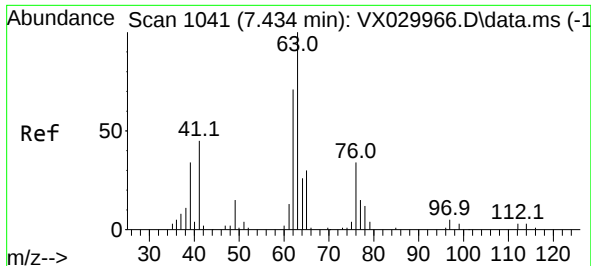
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#38
Methylcyclohexane
Concen: 4.902 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Tgt Ion: 83 Resp: 19025
Ion Ratio Lower Upper
83 100
55 71.8 37.0 110.9
98 46.6 25.9 77.8





#39

1,2-Dichloropropane

Concen: 5.101 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 1248

Ion Ratio Lower Upper

63 100

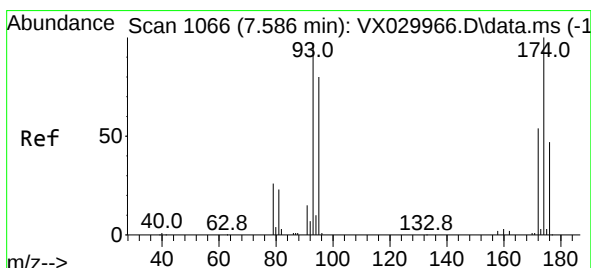
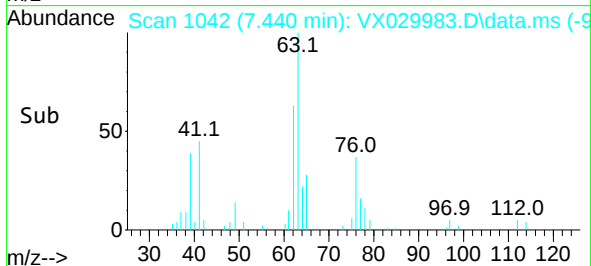
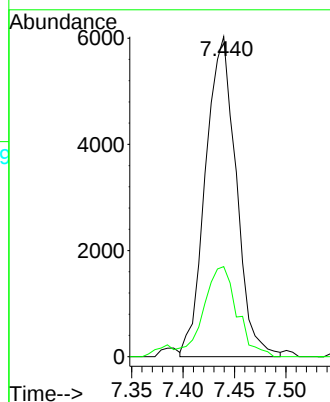
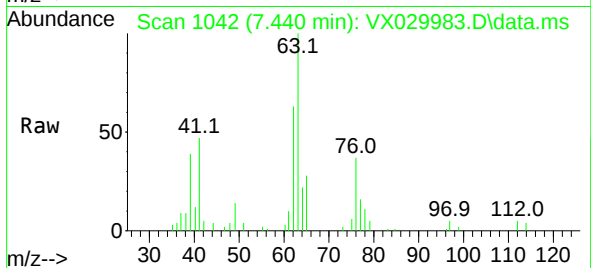
65 28.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Dibromomethane

Concen: 5.068 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

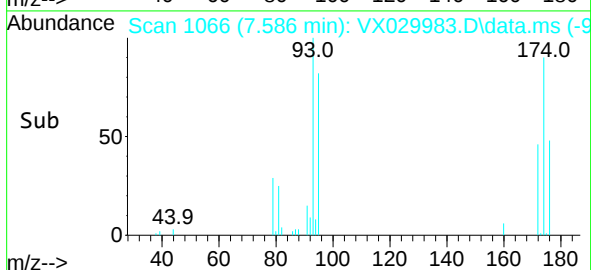
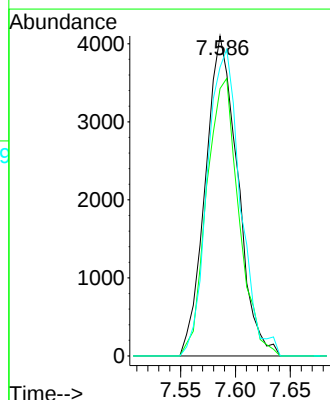
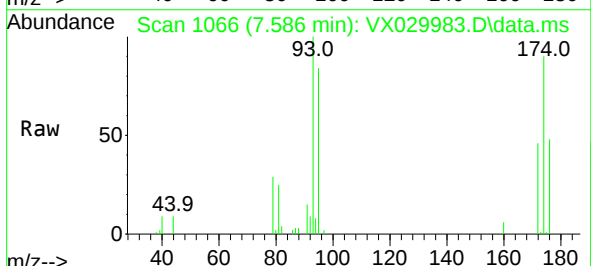
Tgt Ion: 93 Resp: 8405

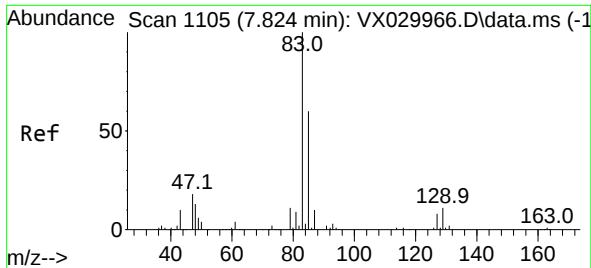
Ion Ratio Lower Upper

93 100

95 86.2 0.0 168.8

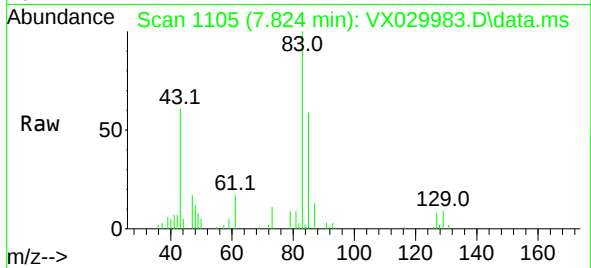
174 96.8 0.0 220.8





#41
Bromodichloromethane
Concen: 4.930 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

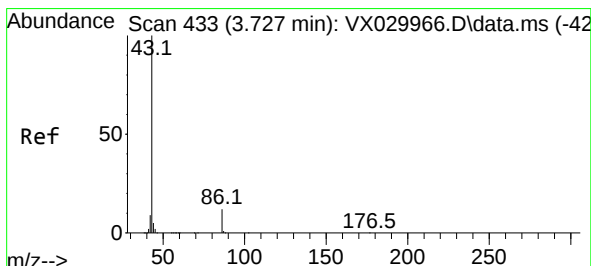
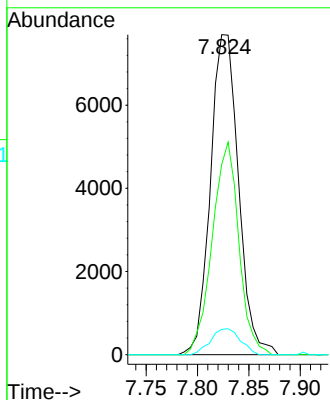
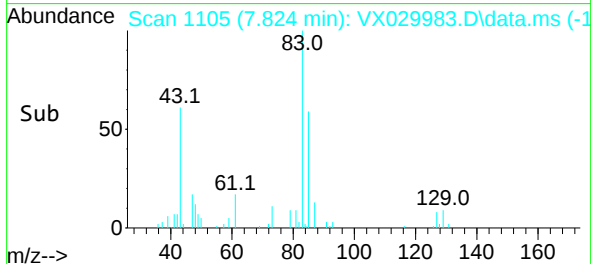
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 83 Resp: 14600
Ion Ratio Lower Upper
83 100
85 59.5 50.6 75.8
127 7.9 7.0 10.6

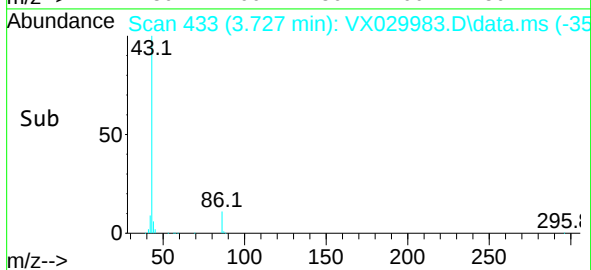
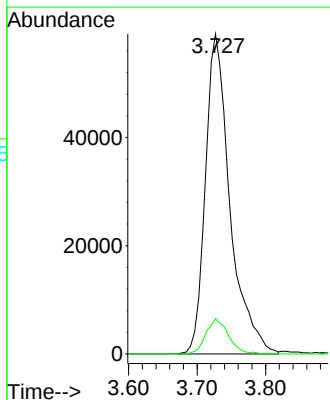
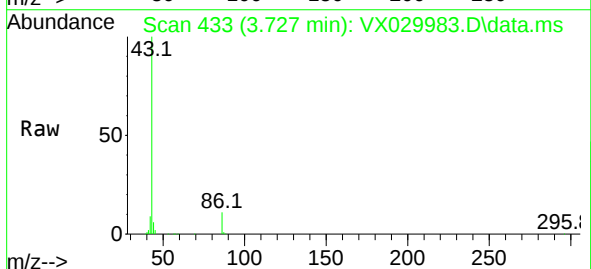
Manual Integrations
APPROVED

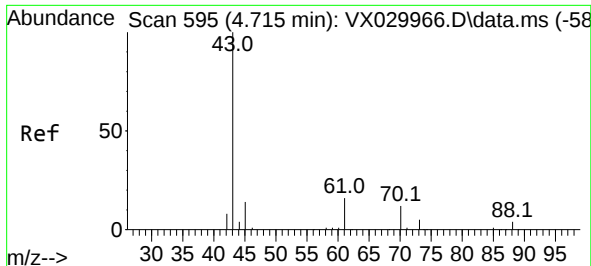
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
Vinyl Acetate
Concen: 22.833 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

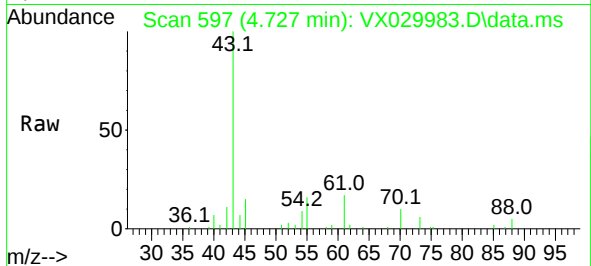
Tgt Ion: 43 Resp: 147407
Ion Ratio Lower Upper
43 100
86 9.9 8.5 12.7





#43
Ethyl Acetate
Concen: 5.168 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

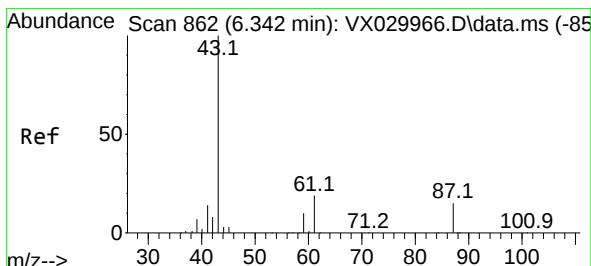
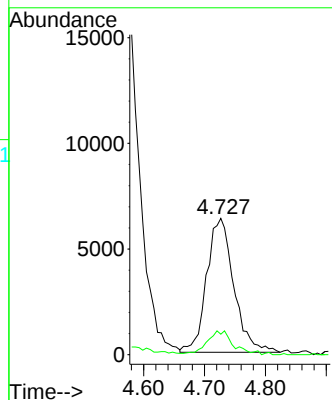
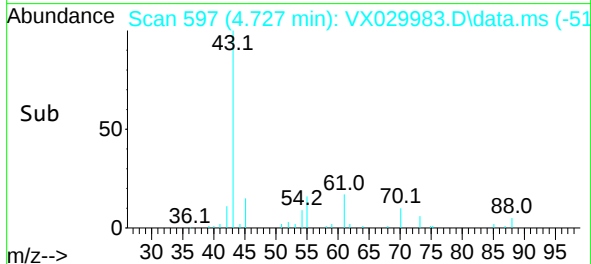
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 19654
Ion Ratio Lower Upper
43 100
45 12.6 11.8 17.6

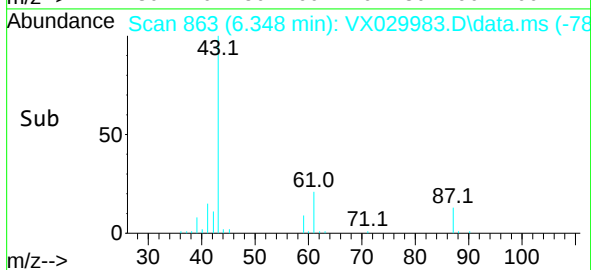
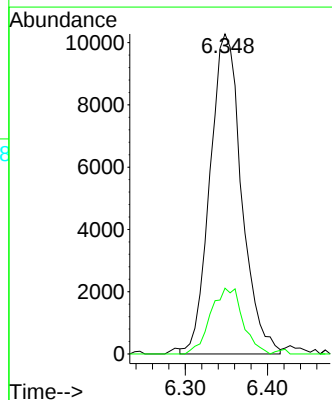
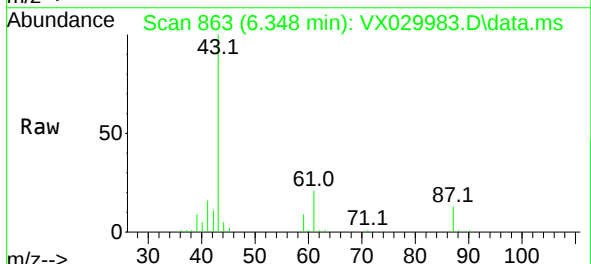
Manual Integrations
APPROVED

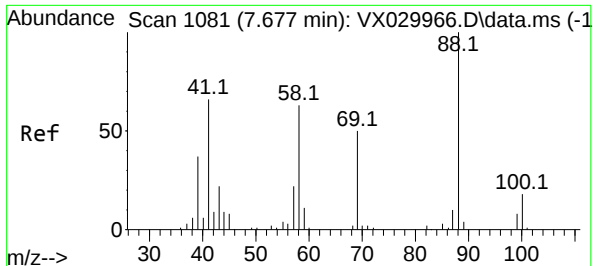
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Isopropyl Acetate
Concen: 4.759 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

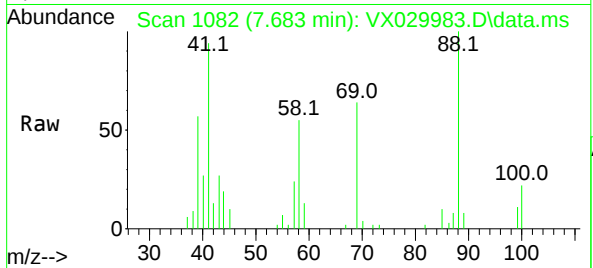
Tgt Ion: 43 Resp: 27494
Ion Ratio Lower Upper
43 100
61 20.9 17.0 25.4





#45
1,4-Dioxane
Concen: 105.227 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

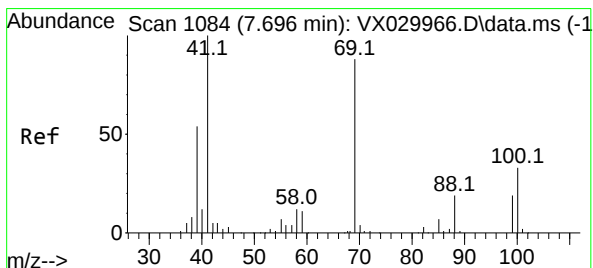
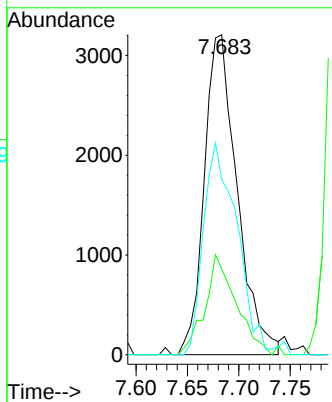
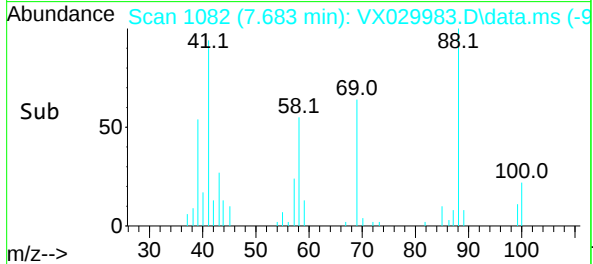
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



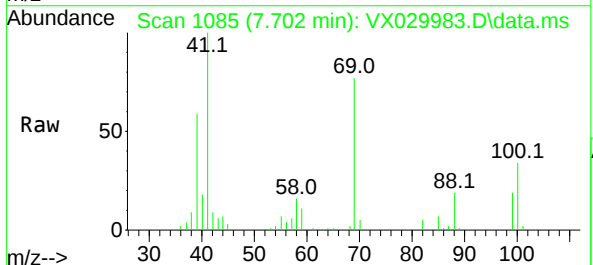
Tgt Ion: 88 Resp: 7130
Ion Ratio Lower Upper
88 100
43 29.6 25.8 38.6
58 67.2 54.8 82.2

Manual Integrations
APPROVED

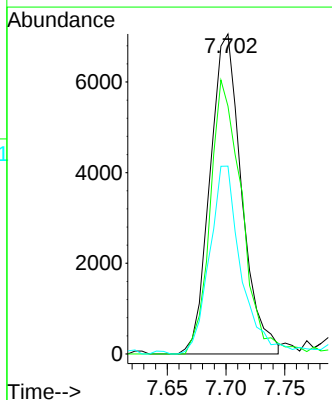
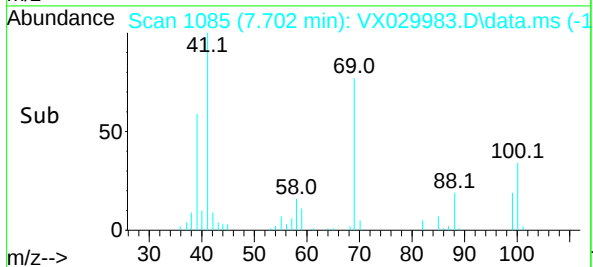
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

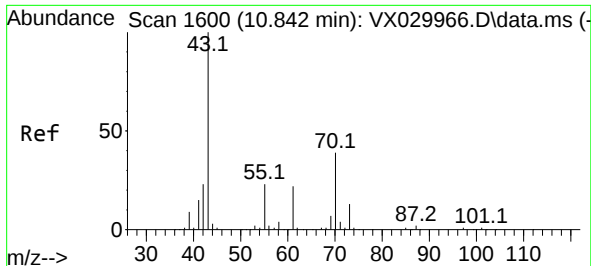


#46
Methyl methacrylate
Concen: 4.844 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



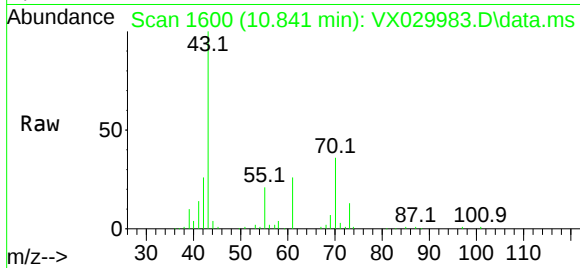
Tgt Ion: 41 Resp: 13261
Ion Ratio Lower Upper
41 100
69 77.5 41.9 125.8
39 58.7 27.5 82.5





#47
n-amyl acetate
Concen: 4.188 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

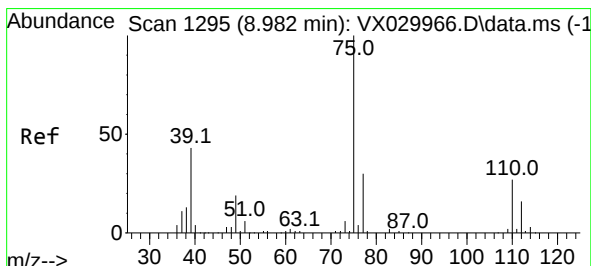
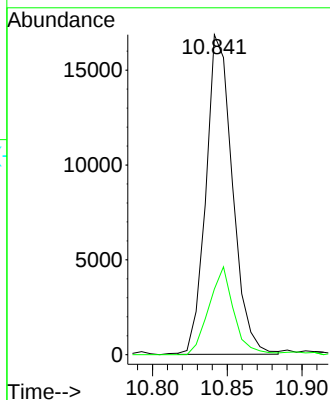
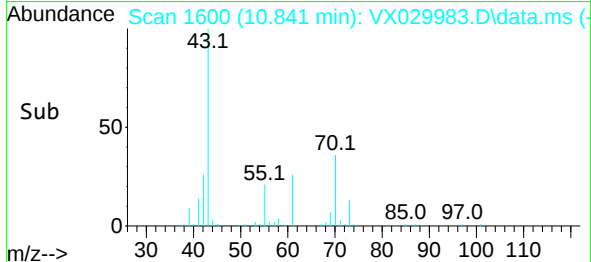
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 43 Resp: 20780
Ion Ratio Lower Upper
43 100
55 25.7 20.4 30.6

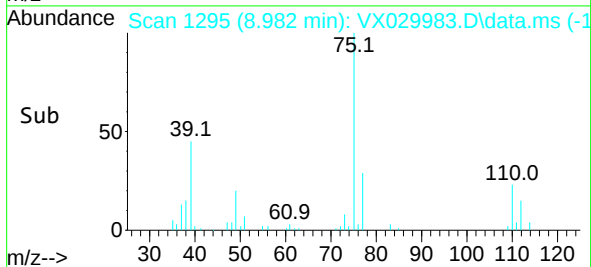
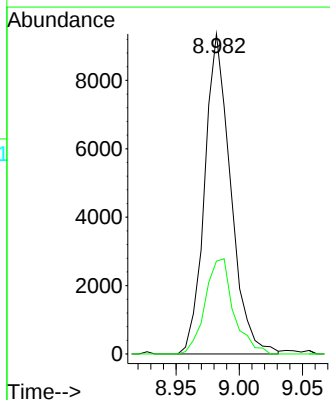
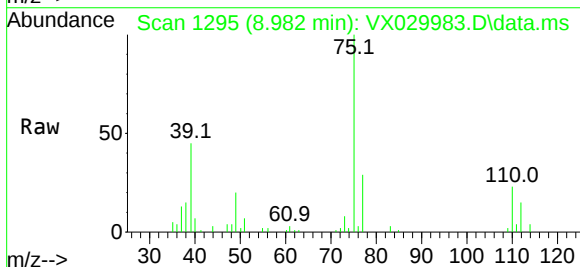
Manual Integrations
APPROVED

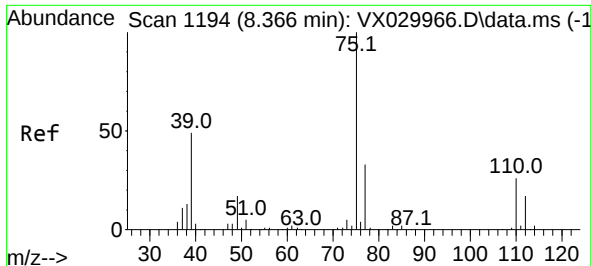
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
t-1,3-Dichloropropene
Concen: 4.090 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

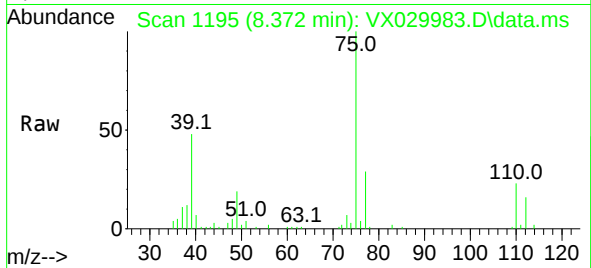
Tgt Ion: 75 Resp: 13390
Ion Ratio Lower Upper
75 100
77 29.0 26.6 40.0





#49
cis-1,3-Dichloropropene
Concen: 4.493 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

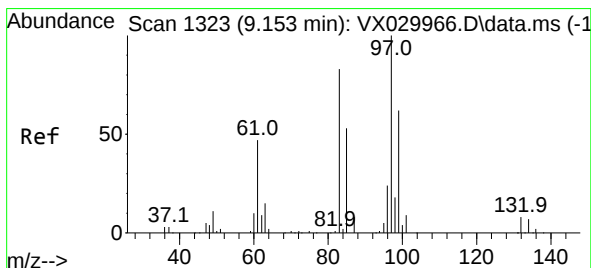
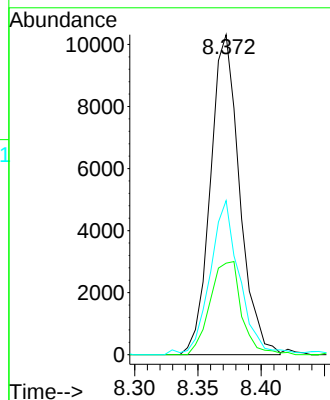
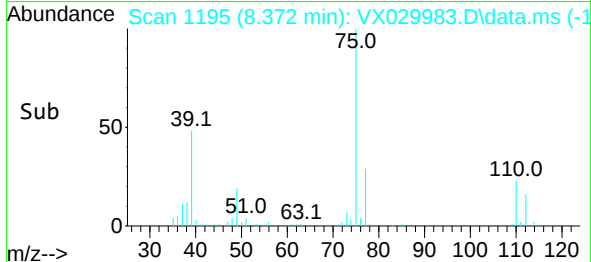
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 16519
Ion Ratio Lower Upper
75 100
77 28.6 25.2 37.8
39 47.5 37.4 56.0

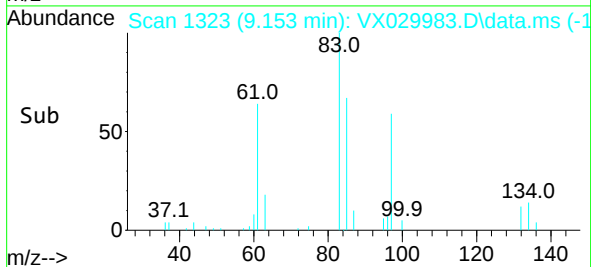
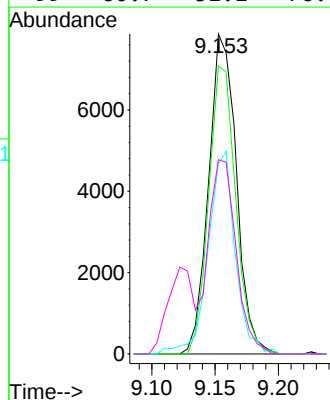
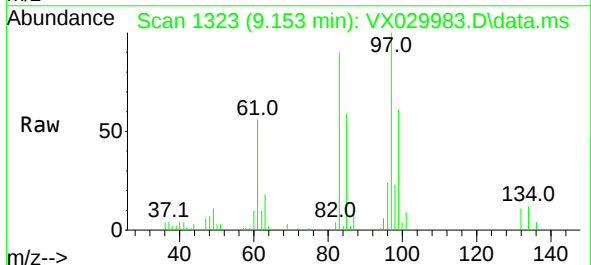
Manual Integrations
APPROVED

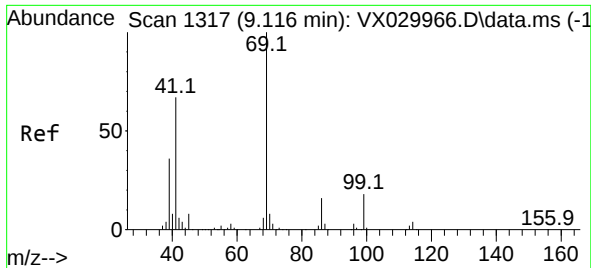
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#50
1,1,2-Trichloroethane
Concen: 4.887 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

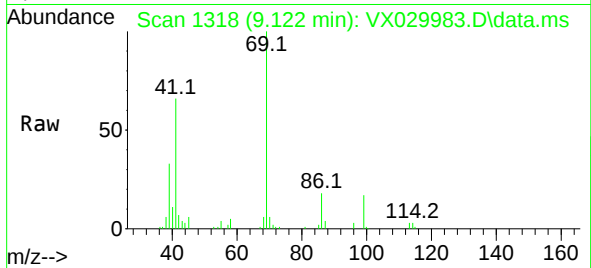
Tgt Ion: 97 Resp: 12007
Ion Ratio Lower Upper
97 100
83 90.0 66.2 99.4
85 59.4 40.4 60.6
99 60.7 51.1 76.7





#51
Ethyl methacrylate
Concen: 4.682 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

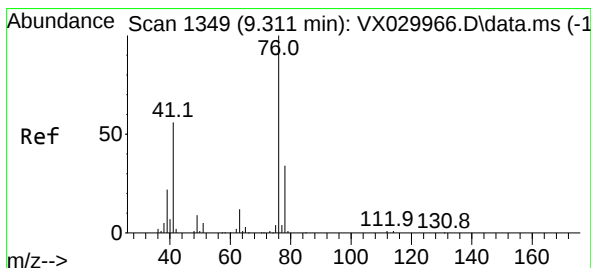
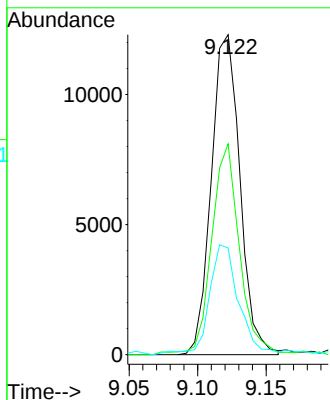
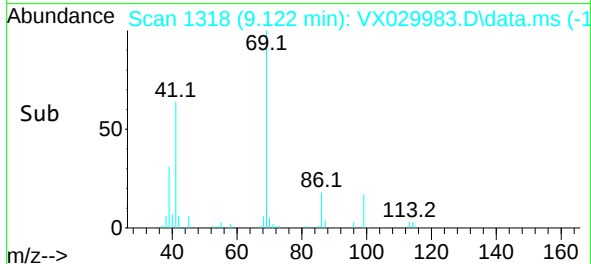
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 69 Resp: 1790
Ion Ratio Lower Upper
69 100
41 65.2 32.1 96.5
39 32.5 18.3 54.9

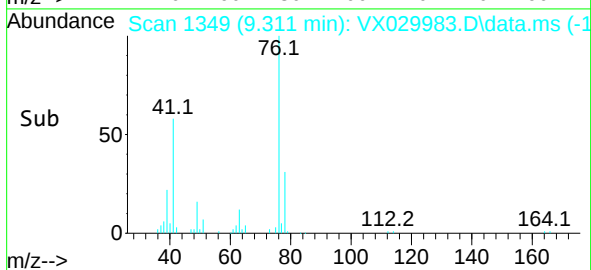
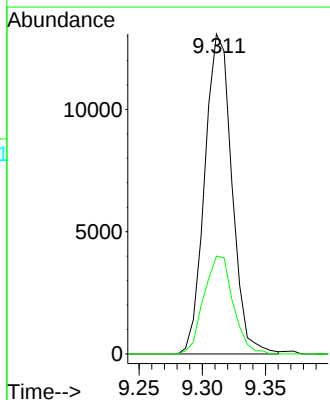
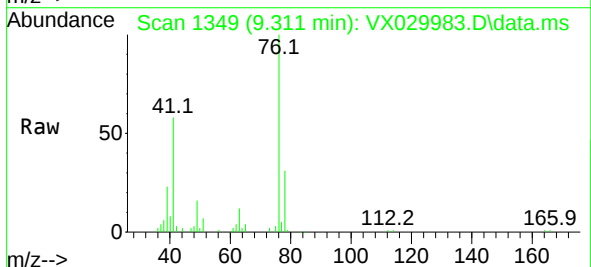
Manual Integrations
APPROVED

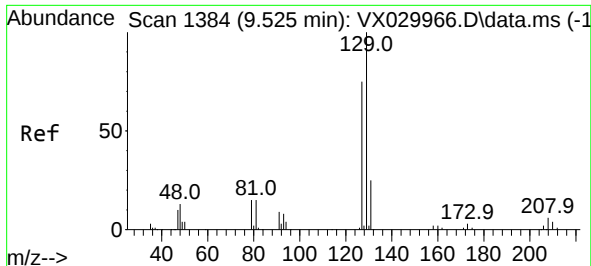
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#52
1,3-Dichloropropane
Concen: 4.954 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

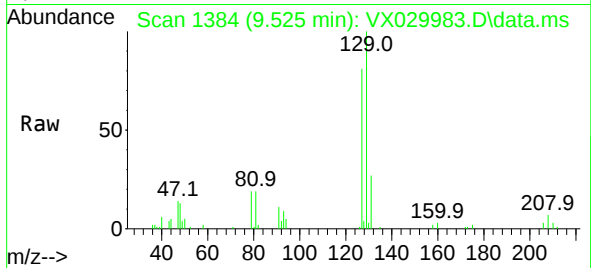
Tgt Ion: 76 Resp: 19580
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53
Dibromochloromethane
Concen: 4.465 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

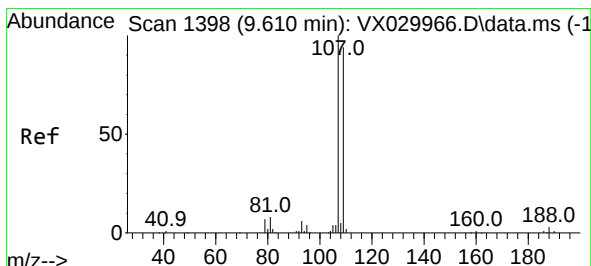
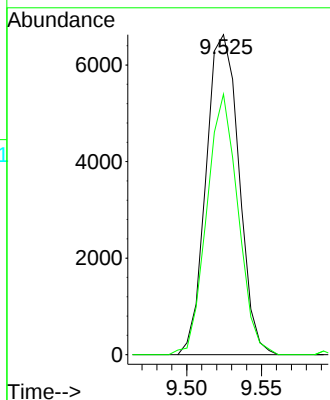
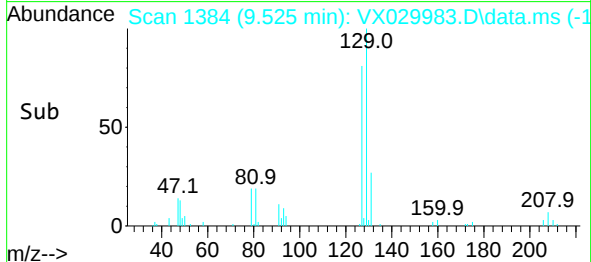
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



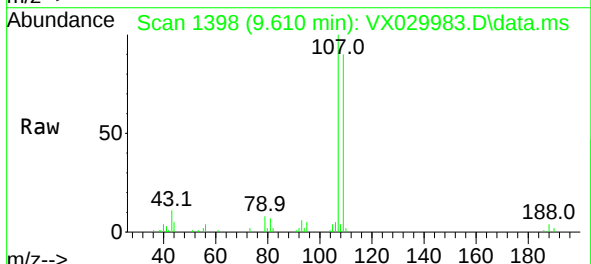
Tgt Ion:129 Resp: 10158
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1

Manual Integrations
APPROVED

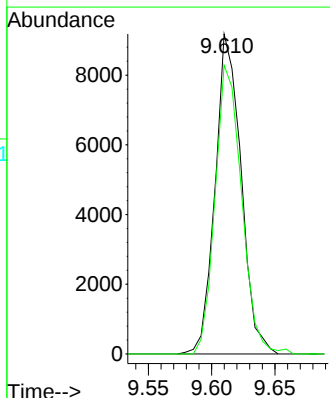
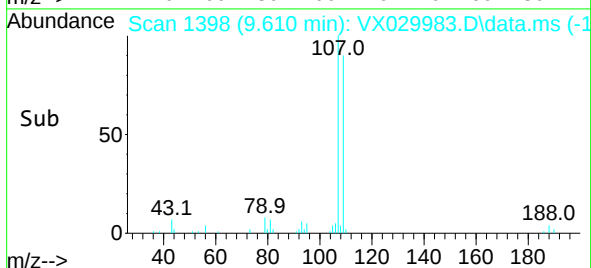
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

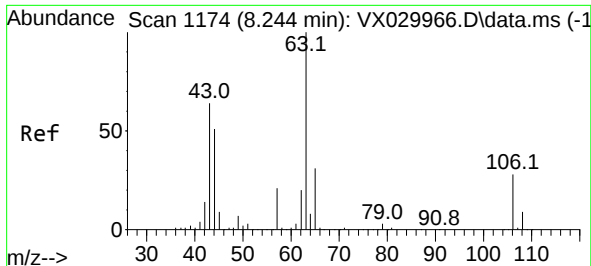


#54
1,2-Dibromoethane
Concen: 5.118 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



Tgt Ion:107 Resp: 13058
Ion Ratio Lower Upper
107 100
109 91.9 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 23.271 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 45864

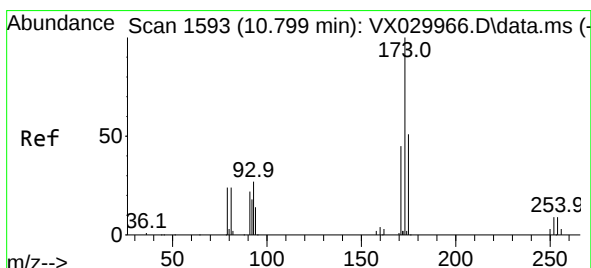
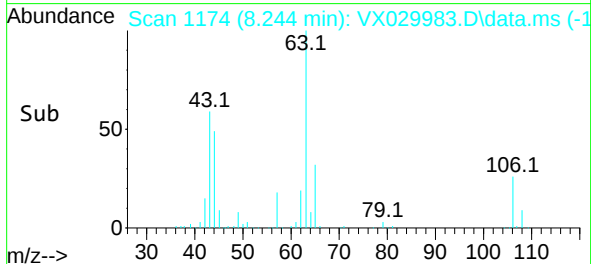
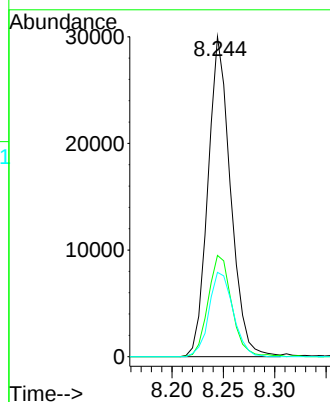
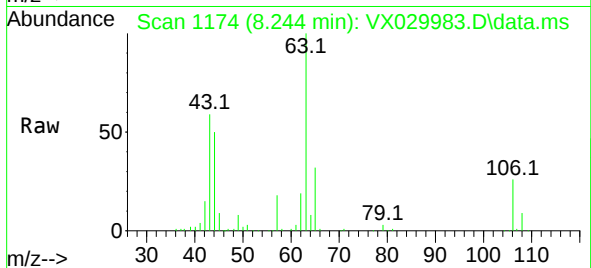
Ion	Ratio	Lower	Upper
63	100		
65	33.1	25.9	38.9
106	28.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#56

Bromoform

Concen: 4.052 ug/l

RT: 10.805 min Scan# 1594

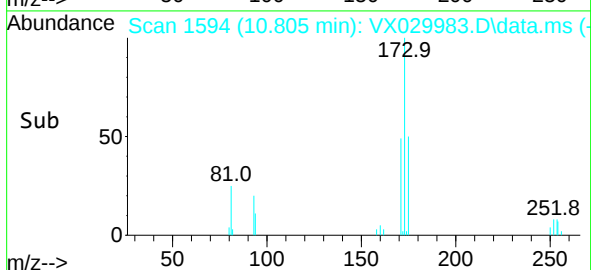
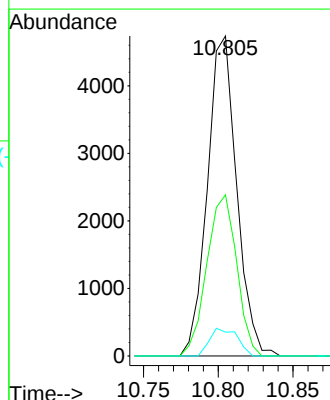
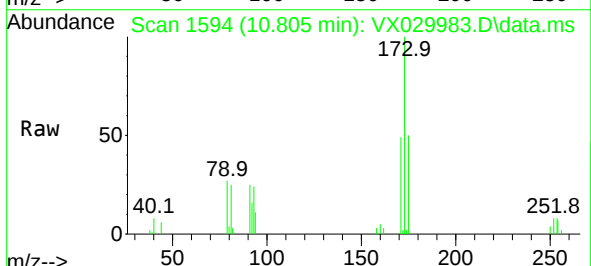
Delta R.T. 0.006 min

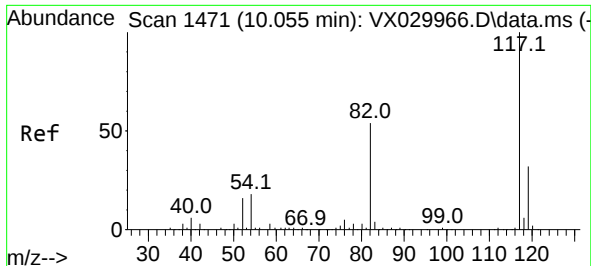
Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Tgt Ion:173 Resp: 6450

Ion	Ratio	Lower	Upper
173	100		
175	51.2	40.3	60.5
254	8.1	7.4	11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

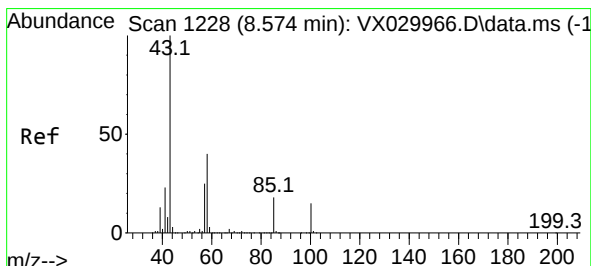
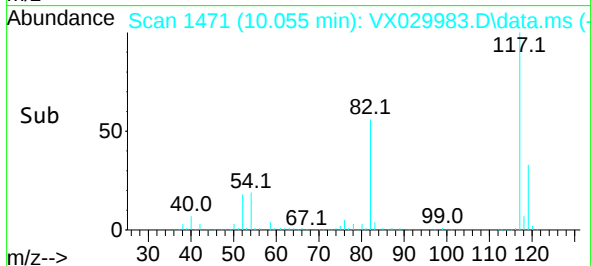
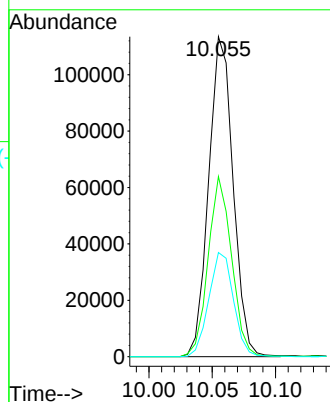
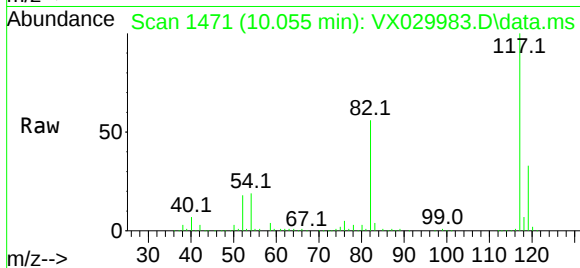
Tgt Ion:	117	Resp:	152619
Ion Ratio	Lower	Upper	
117	100		
82	54.2	42.3	63.5
119	32.9	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#58

4-Methyl-2-Pentanone

Concen: 24.966 ug/l

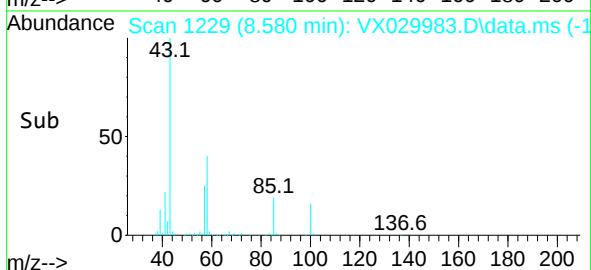
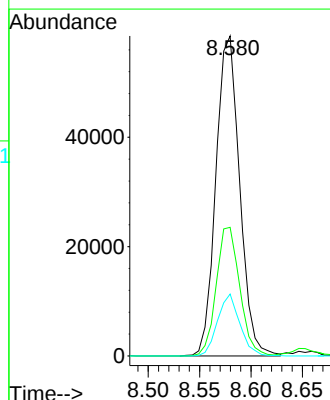
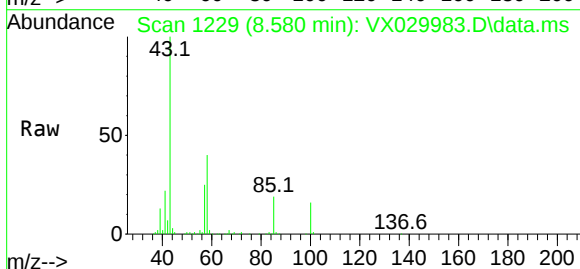
RT: 8.580 min Scan# 1229

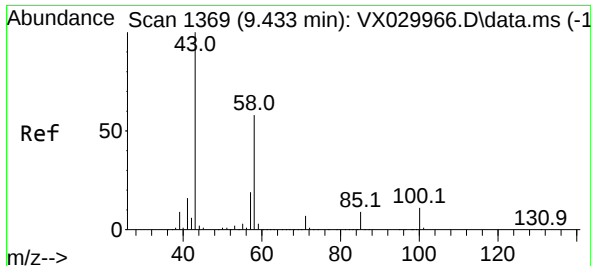
Delta R.T. 0.006 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Tgt Ion:	43	Resp:	94116
Ion Ratio	Lower	Upper	
43	100		
58	39.8	31.8	47.6
85	18.1	15.8	23.6





#59

2-Hexanone

Concen: 23.845 ug/l

RT: 9.433 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029983.D

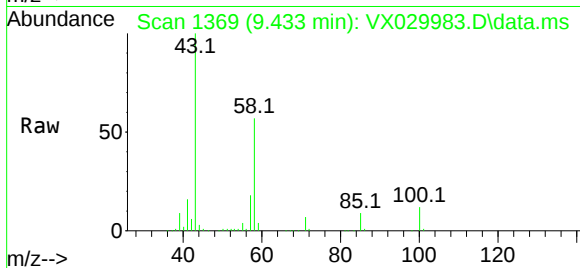
Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022



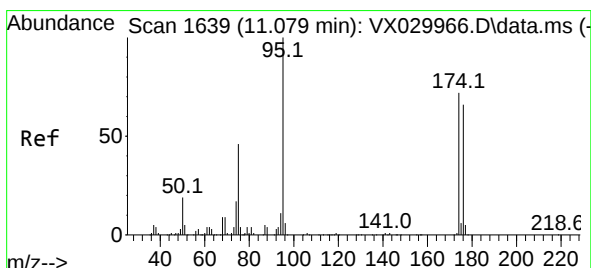
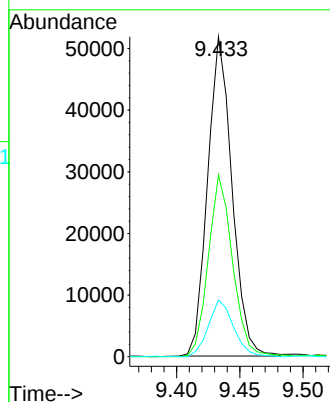
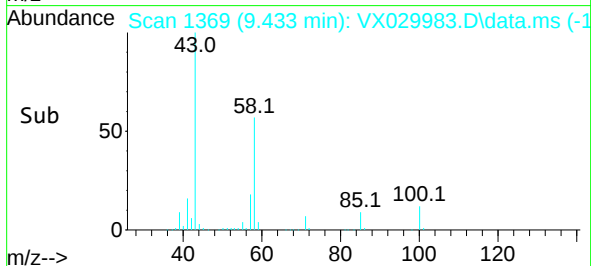
Tgt Ion: 43	Resp: 6952
Ion Ratio	Lower Upper
43	100
58	56.7 44.1 66.1
57	18.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#60

4-Bromofluorobenzene

Concen: 29.322 ug/l

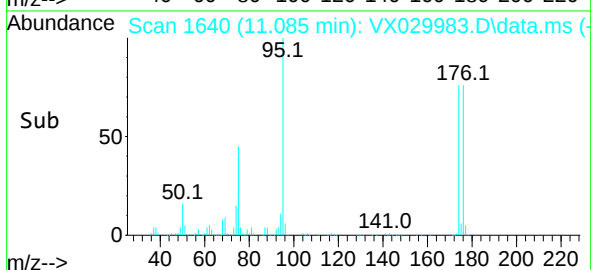
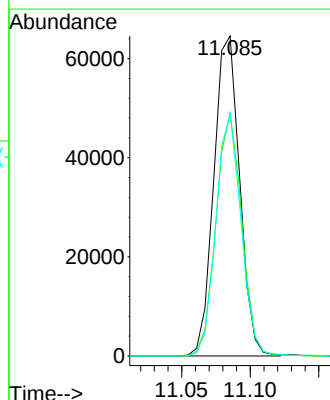
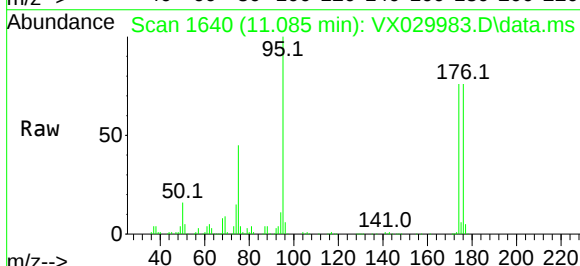
RT: 11.085 min Scan# 1640

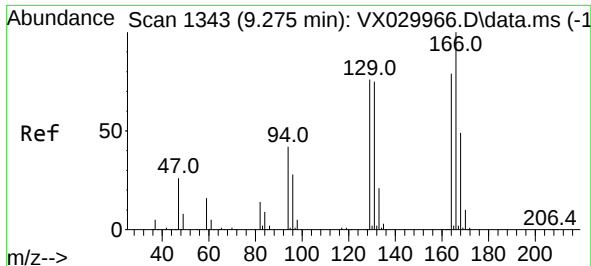
Delta R.T. 0.006 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

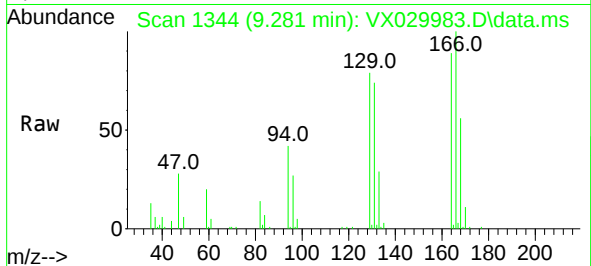
Tgt Ion: 95	Resp: 84335
Ion Ratio	Lower Upper
95	100
174	75.6 65.4 98.2
176	73.7 63.4 95.0





#61
Tetrachloroethene
Concen: 5.287 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

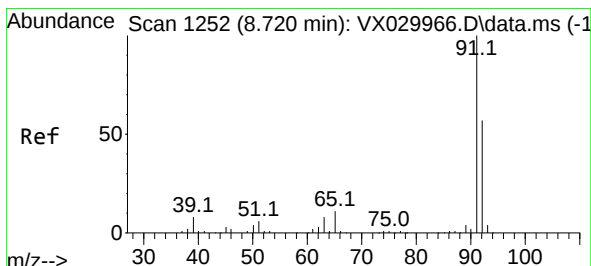
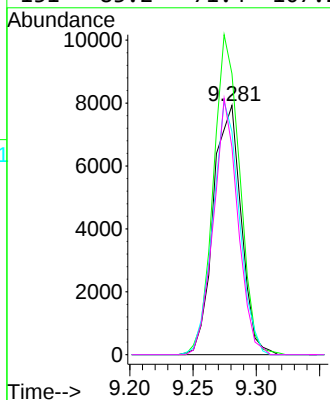
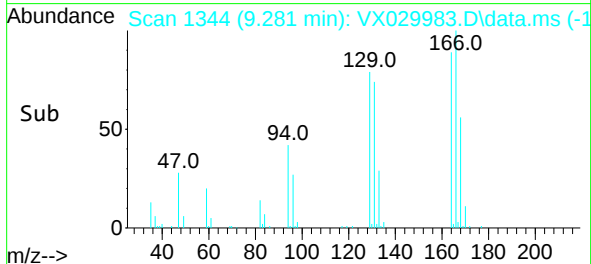
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:164 Resp: 1211
Ion Ratio Lower Upper
164 100
166 112.7 105.0 157.6
129 89.5 78.5 117.7
131 83.2 71.4 107.2

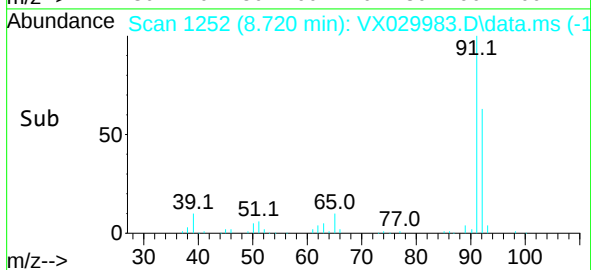
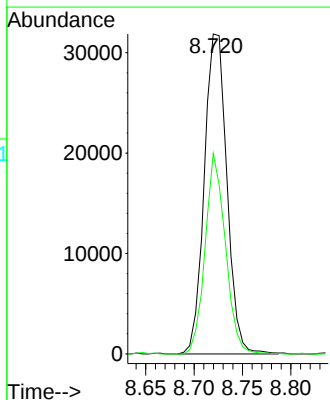
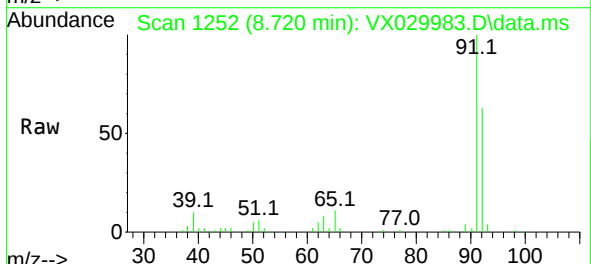
Manual Integrations
APPROVED

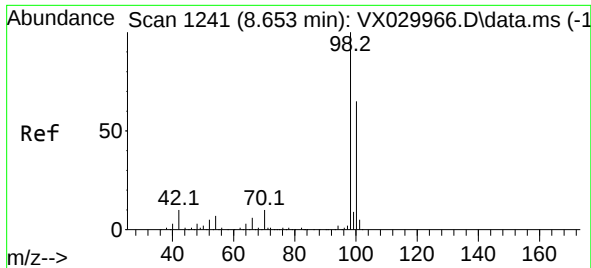
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#62
Toluene
Concen: 5.115 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

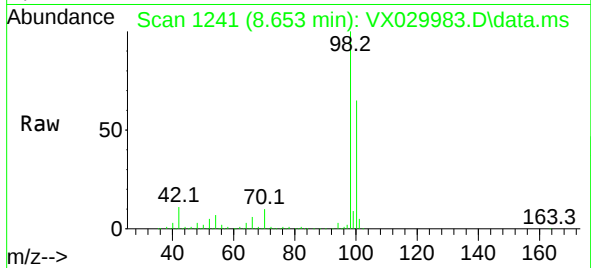
Tgt Ion: 91 Resp: 51934
Ion Ratio Lower Upper
91 100
92 56.2 48.1 72.1





#63
Toluene-d8
Concen: 30.804 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

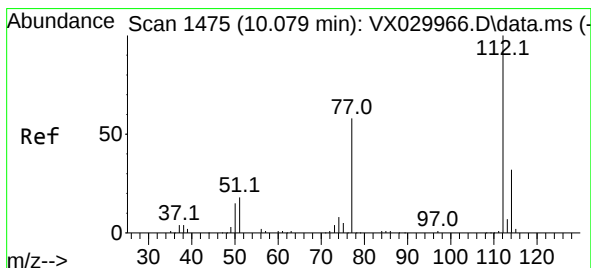
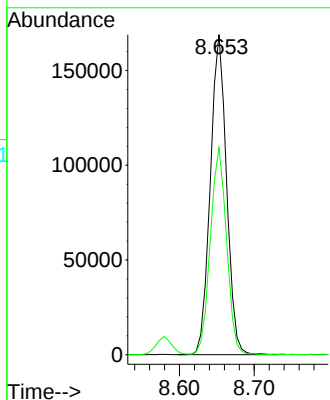
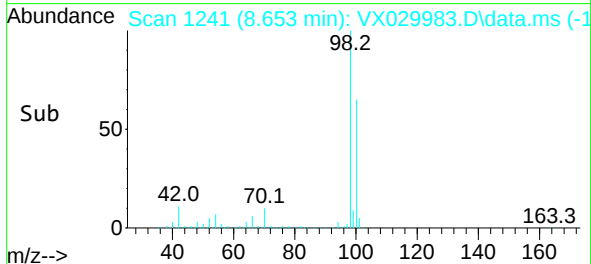
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 98 Resp: 25492
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2

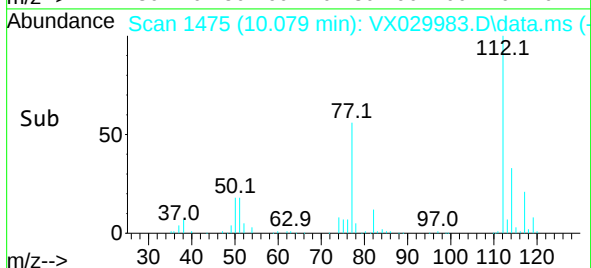
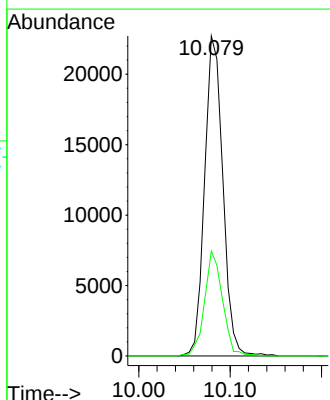
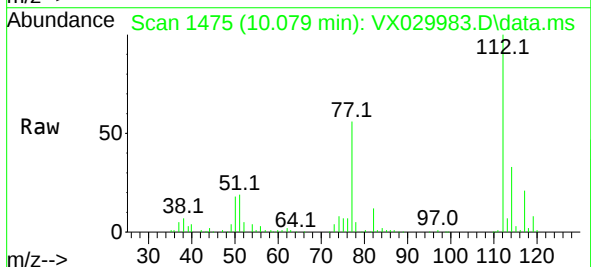
Manual Integrations
APPROVED

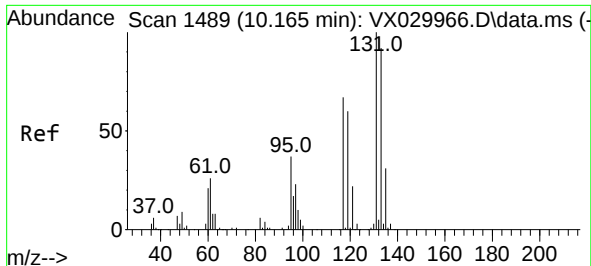
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#64
Chlorobenzene
Concen: 5.179 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

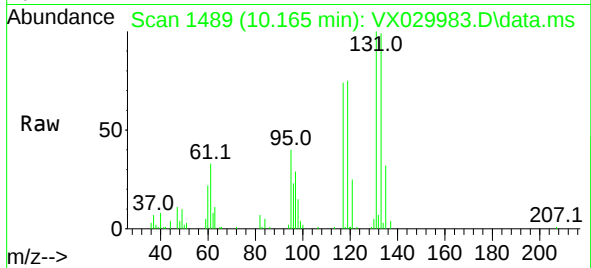
Tgt Ion:112 Resp: 31403
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 4.632 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

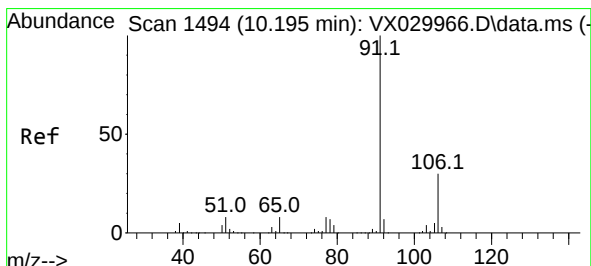
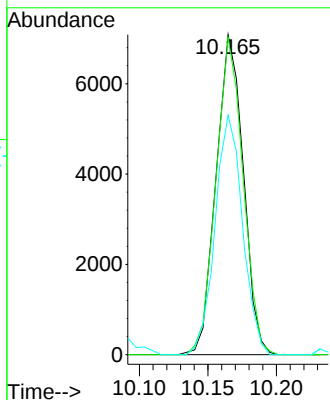
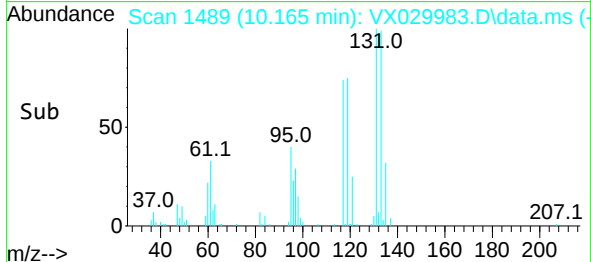
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:131 Resp: 9794
Ion Ratio Lower Upper
131 100
133 98.8 0.0 197.2
119 75.5 0.0 127.4

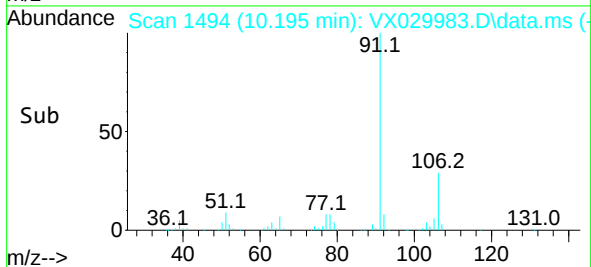
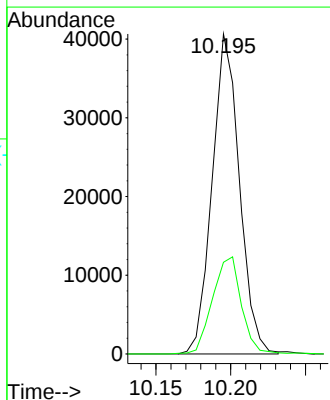
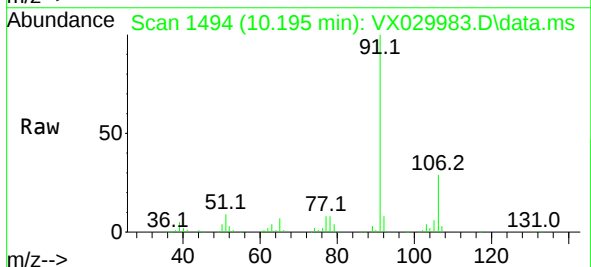
Manual Integrations
APPROVED

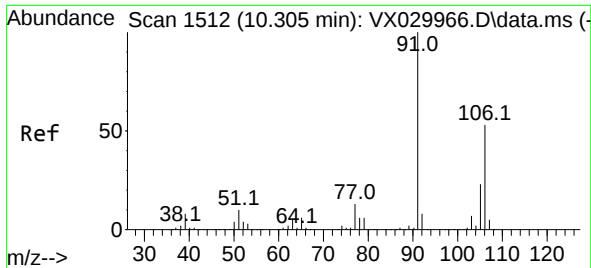
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Ethyl Benzene
Concen: 4.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

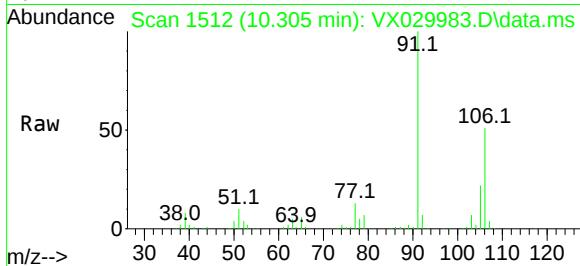
Tgt Ion: 91 Resp: 51451
Ion Ratio Lower Upper
91 100
106 28.4 25.8 38.8





#67
m/p-Xylenes
Concen: 10.046 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

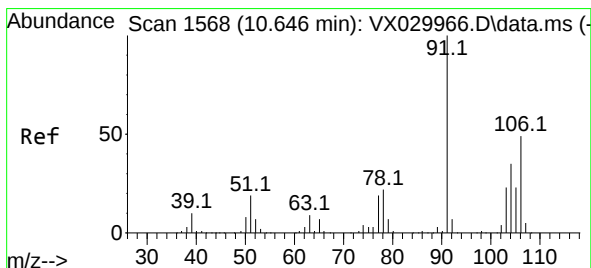
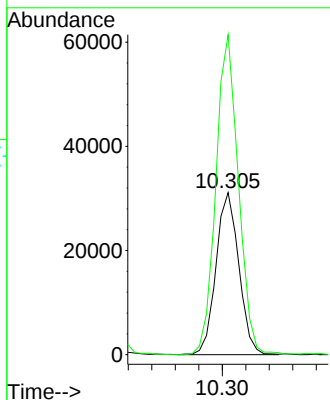
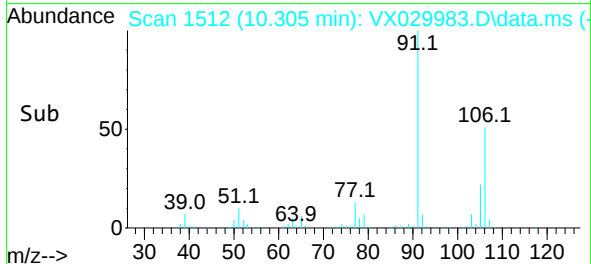
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



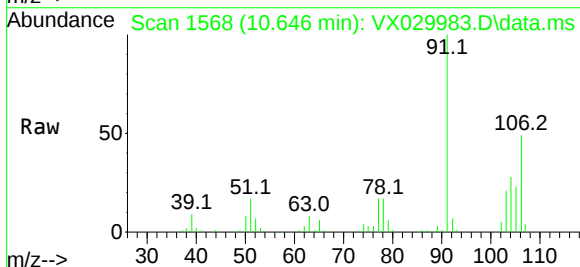
Tgt Ion:106 Resp: 4205
Ion Ratio Lower Upper
106 100
91 193.7 159.5 239.3

Manual Integrations
APPROVED

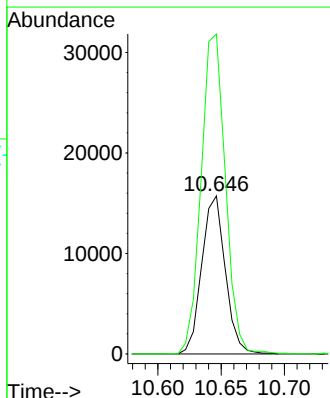
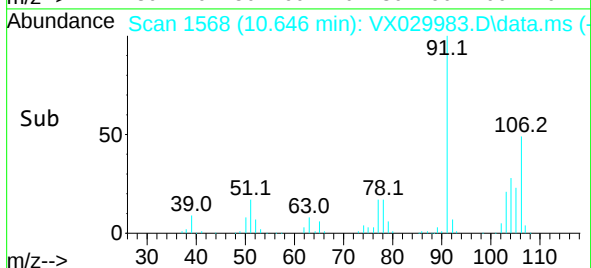
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

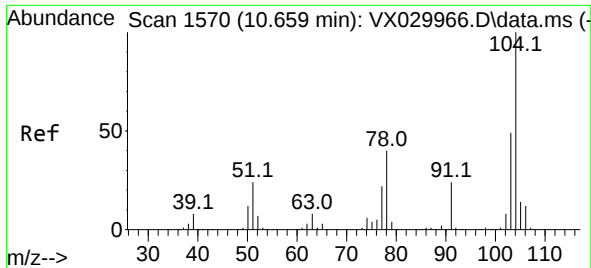


#68
o-Xylene
Concen: 4.896 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



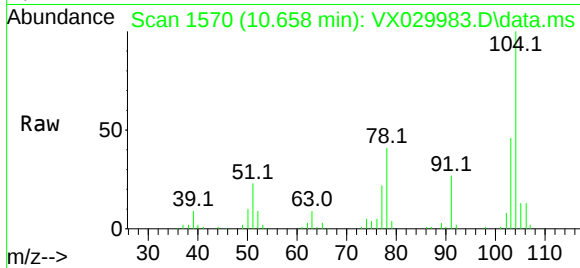
Tgt Ion:106 Resp: 20411
Ion Ratio Lower Upper
106 100
91 208.2 105.4 316.2





#69
Styrene
Concen: 4.955 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

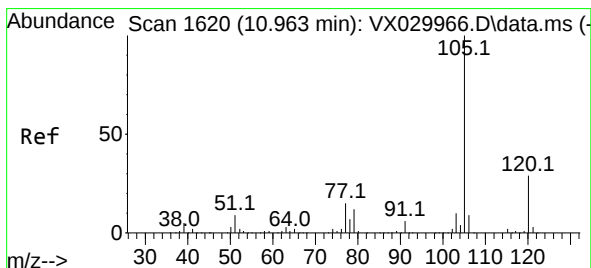
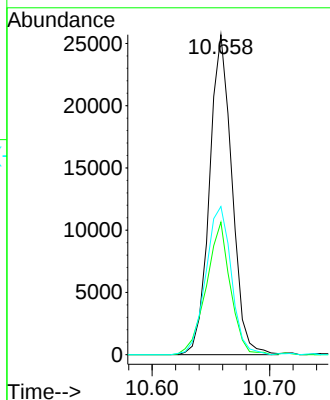
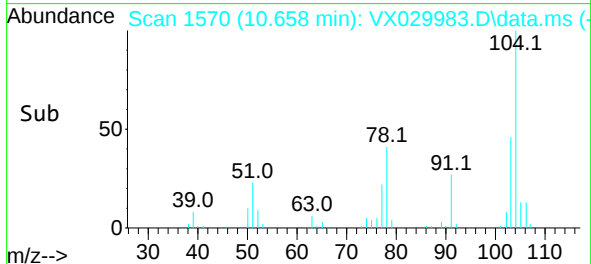
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



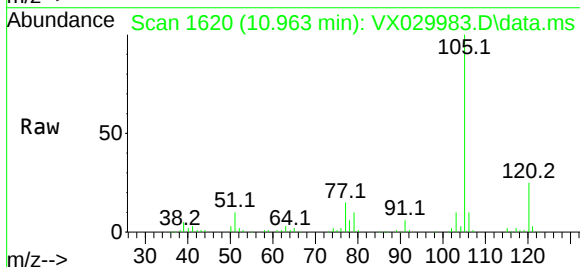
Tgt Ion:104 Resp: 34184
Ion Ratio Lower Upper
104 100
78 44.2 39.7 59.5
103 52.6 42.7 64.1

Manual Integrations
APPROVED

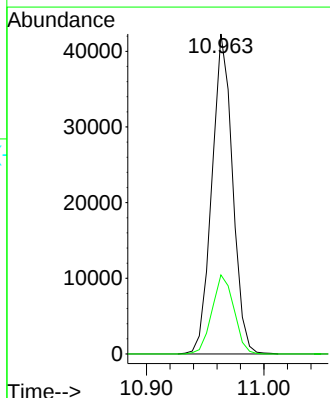
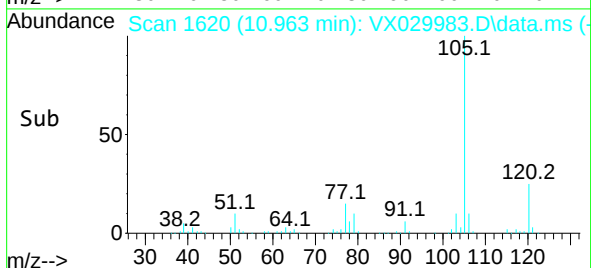
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

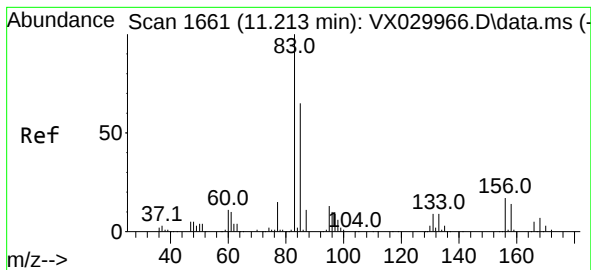


#70
Isopropylbenzene
Concen: 4.918 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



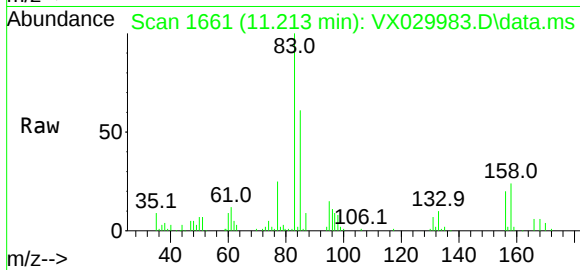
Tgt Ion:105 Resp: 51627
Ion Ratio Lower Upper
105 100
120 26.2 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 4.984 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

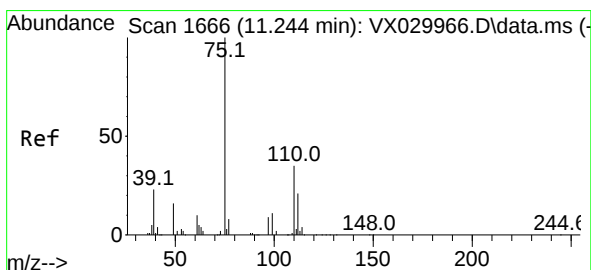
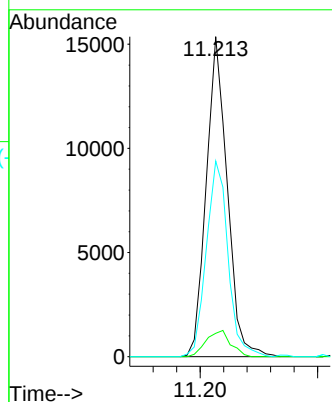
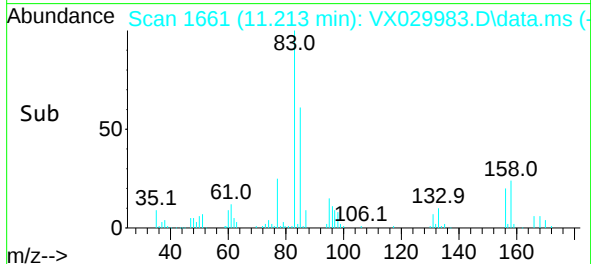
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



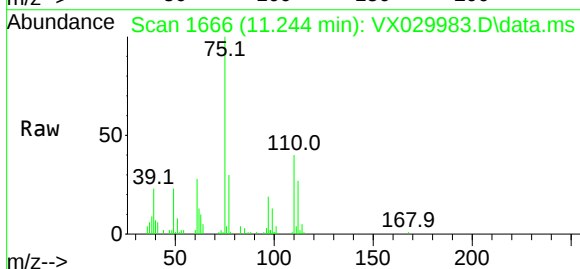
Tgt Ion: 83 Resp: 1902
Ion Ratio Lower Upper
83 100
131 9.6 5.8 17.3
85 63.2 32.0 96.2

Manual Integrations
APPROVED

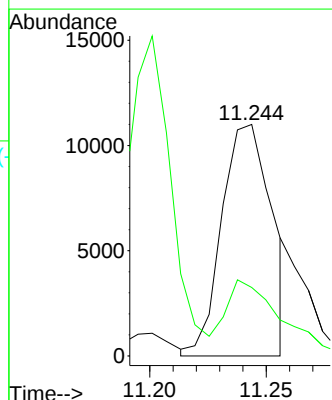
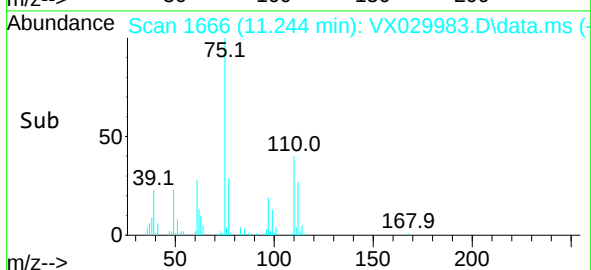
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

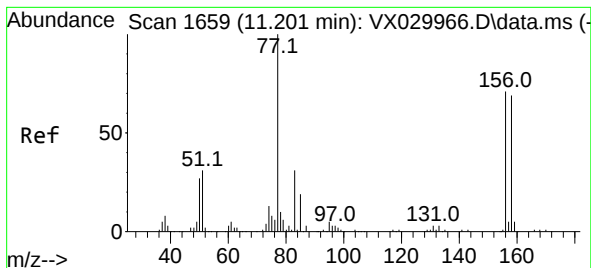


#72
1,2,3-Trichloropropane
Concen: 4.804 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



Tgt Ion: 75 Resp: 16484
Ion Ratio Lower Upper
75 100
77 36.6 0.0 78.6





#73

Bromobenzene

Concen: 5.011 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX029983.D

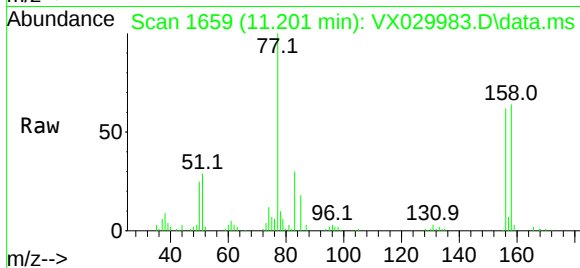
Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022



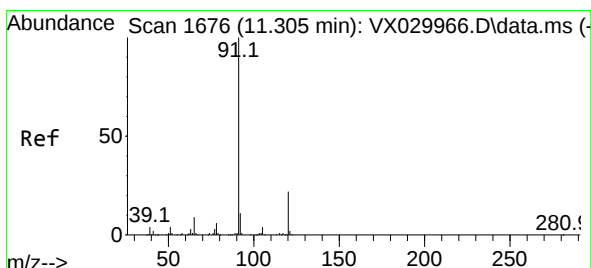
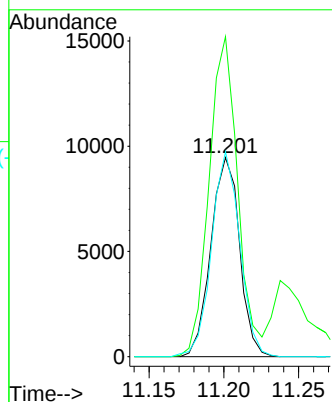
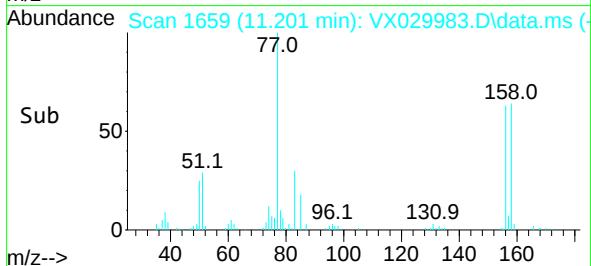
Tgt Ion:	156	Resp:	1261
Ion Ratio	100	Lower	Upper
156	100		
77	160.2	0.0	297.6
158	101.3	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#74

n-propylbenzene

Concen: 4.617 ug/l

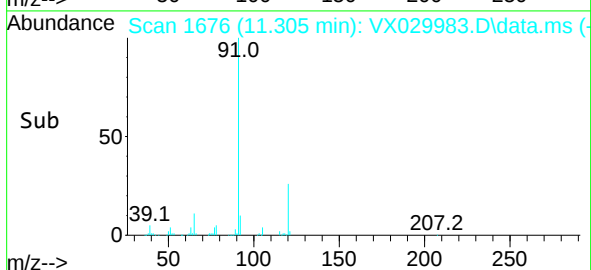
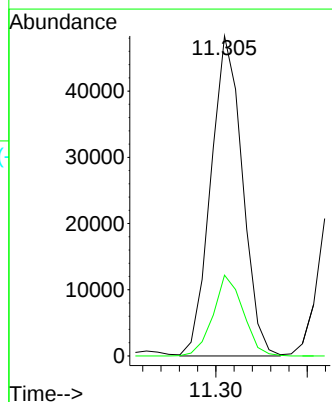
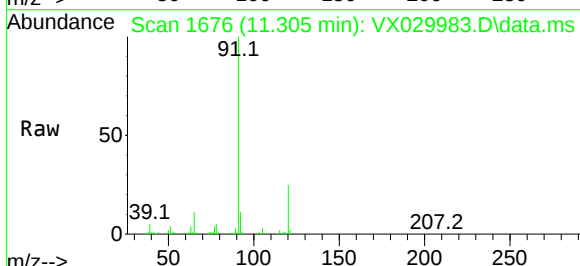
RT: 11.305 min Scan# 1676

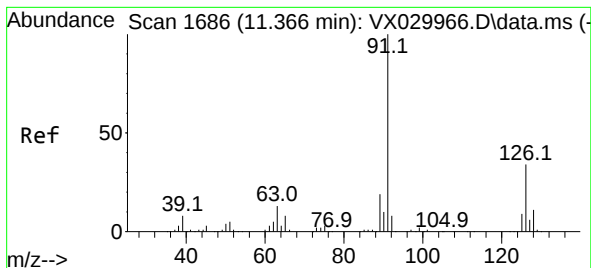
Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Tgt Ion:	91	Resp:	58133
Ion Ratio	100	Lower	Upper
91	100		
120	23.9	0.0	48.0





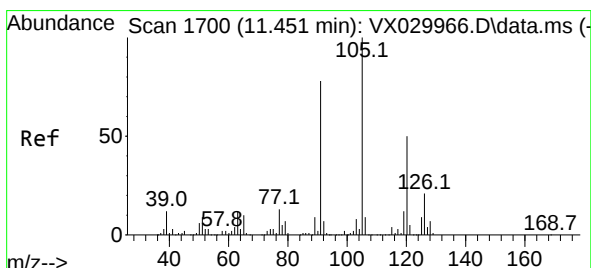
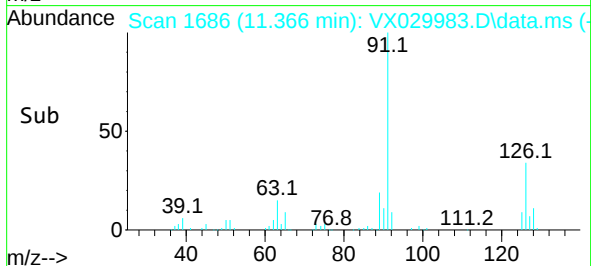
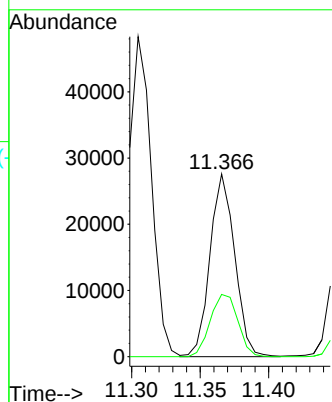
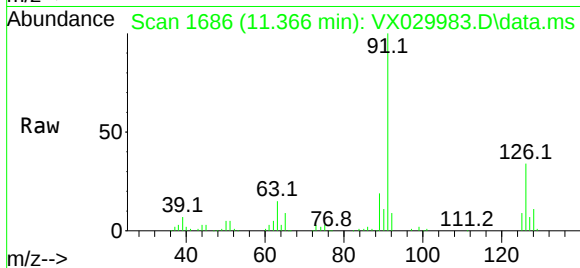
#75
2-Chlorotoluene
Concen: 4.670 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022

Tgt Ion: 91 Resp: 34628
Ion Ratio Lower Upper
91 100
126 38.0 0.0 68.6

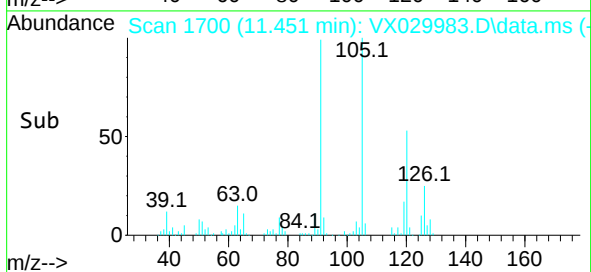
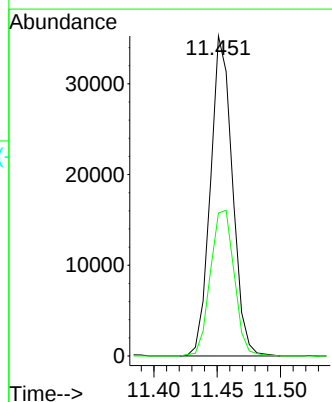
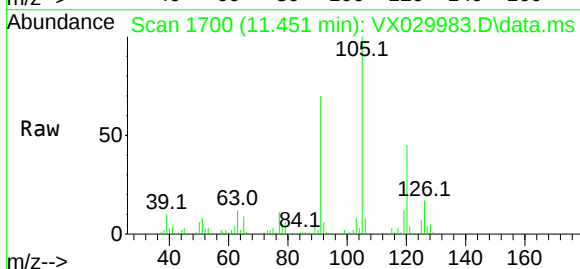
Manual Integrations
APPROVED

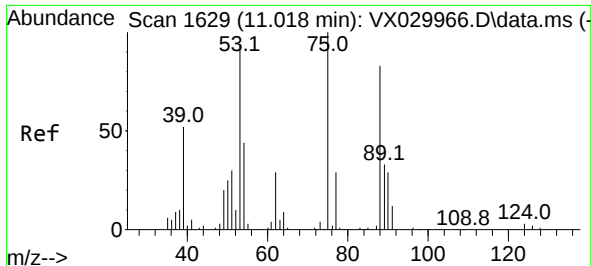
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.833 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

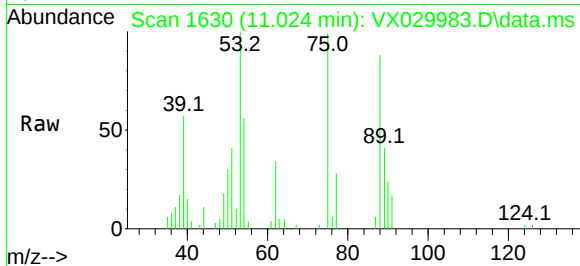
Tgt Ion:105 Resp: 42592
Ion Ratio Lower Upper
105 100
120 49.2 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 3.701 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

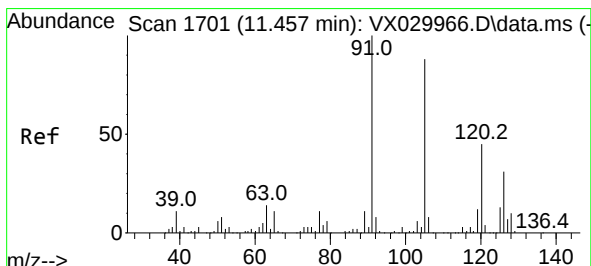
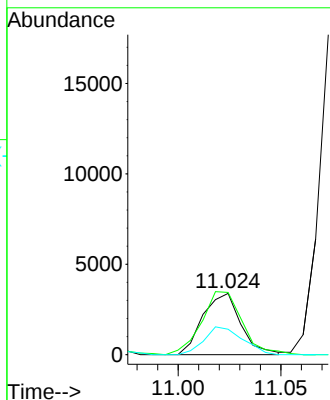
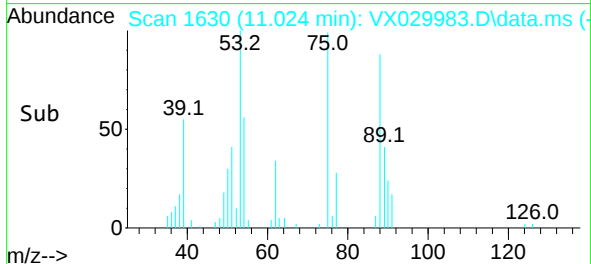
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 4368
Ion Ratio Lower Upper
75 100
53 95.5 59.7 179.1
89 41.6 23.1 69.2

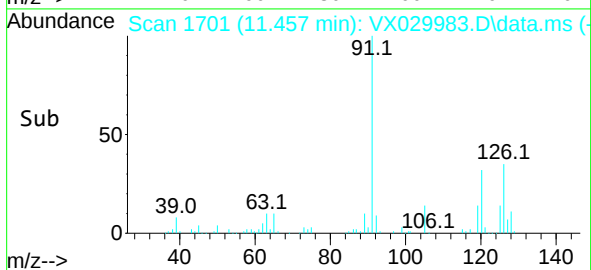
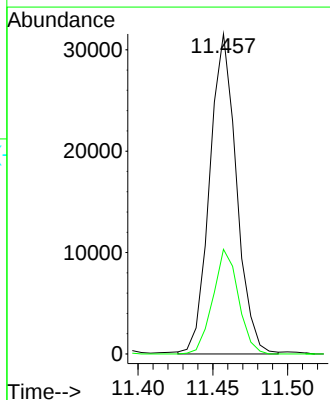
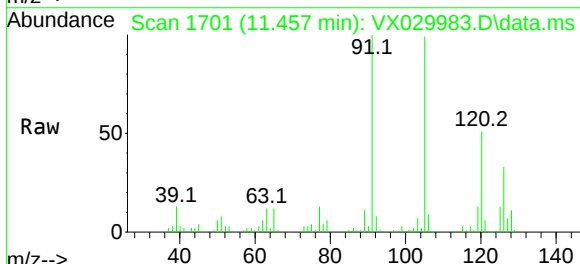
Manual Integrations
APPROVED

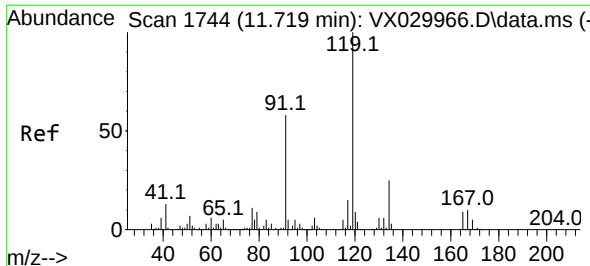
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#78
4-Chlorotoluene
Concen: 4.725 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

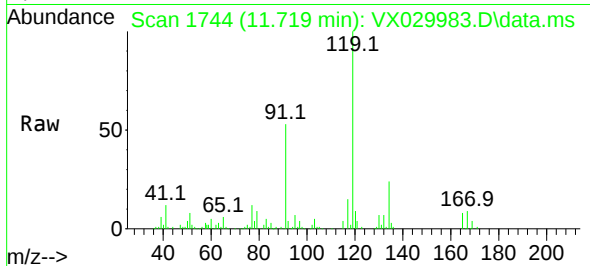
Tgt Ion: 91 Resp: 39326
Ion Ratio Lower Upper
91 100
126 31.1 0.0 59.8





#79
tert-butylbenzene
Concen: 4.741 ug/l
RT: 11.719 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

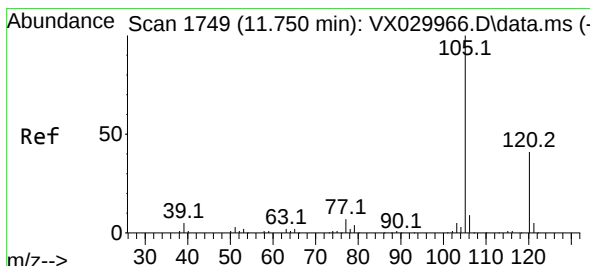
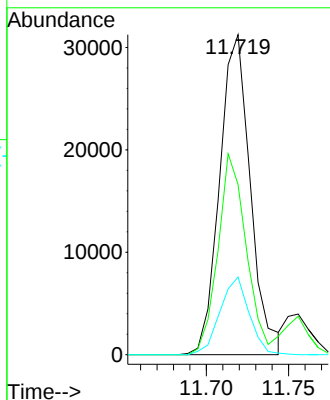
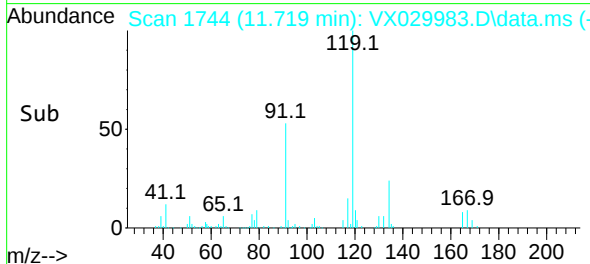
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:119 Resp: 4065
Ion Ratio Lower Upper
119 100
91 57.6 0.0 119.4
134 23.0 0.0 48.4

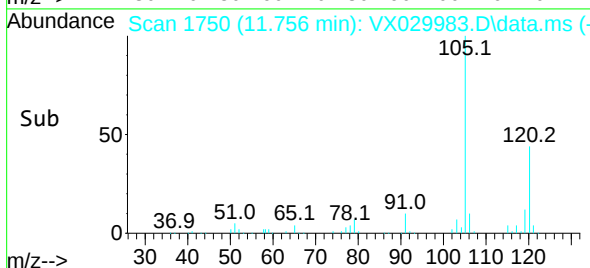
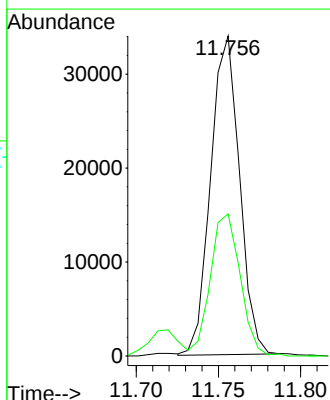
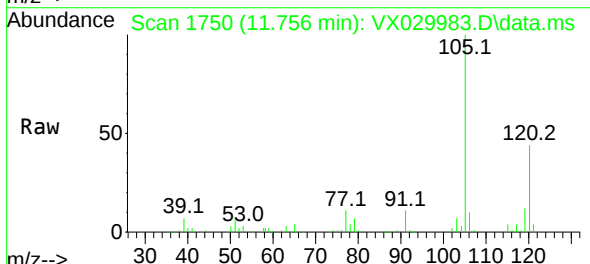
Manual Integrations
APPROVED

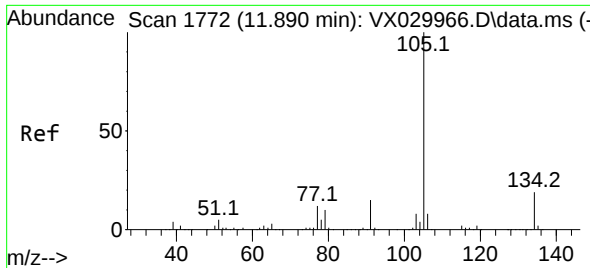
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.570 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

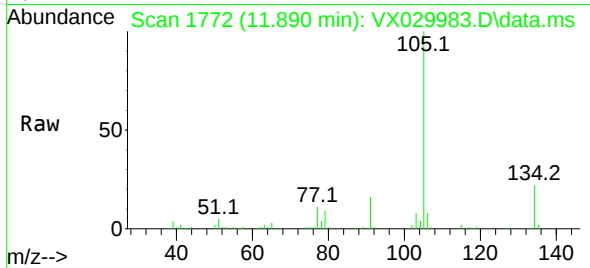
Tgt Ion:105 Resp: 41409
Ion Ratio Lower Upper
105 100
120 46.1 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 4.492 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029983.D
 Acq: 08 Jul 2022 19:12

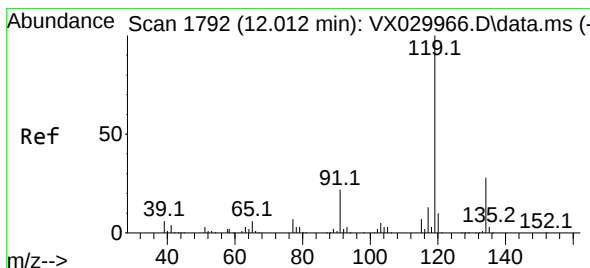
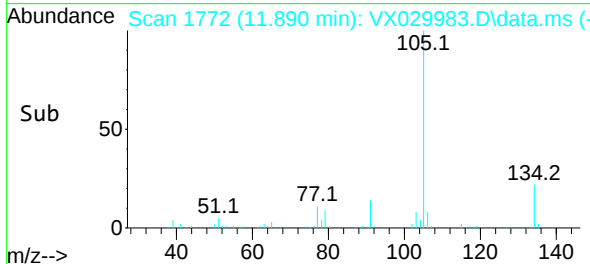
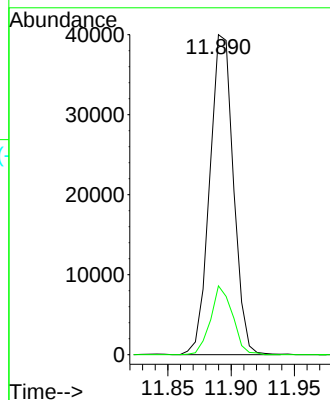
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion:105 Resp: 5213
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.2

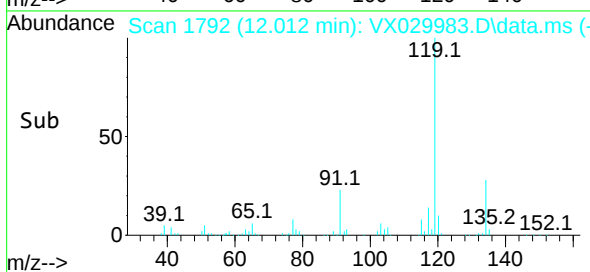
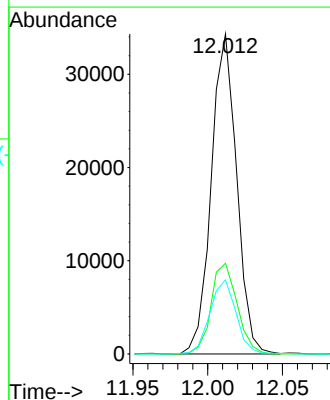
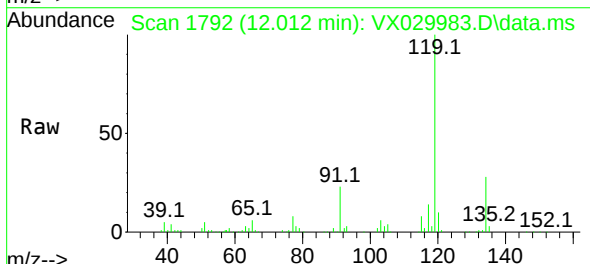
Manual Integrations
 APPROVED

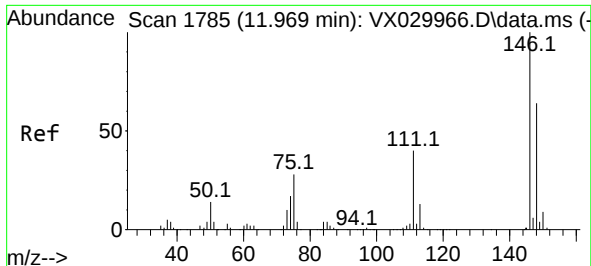
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#82
 p-Isopropyltoluene
 Concen: 4.340 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029983.D
 Acq: 08 Jul 2022 19:12

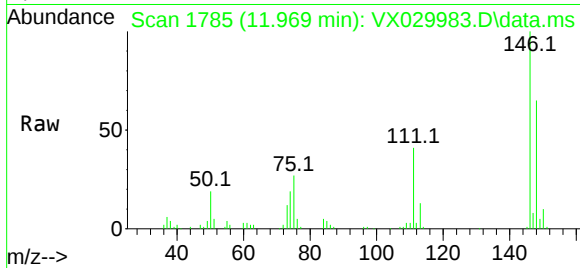
Tgt Ion:119 Resp: 40551
 Ion Ratio Lower Upper
 119 100
 134 29.1 0.0 52.4
 91 23.8 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 4.862 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

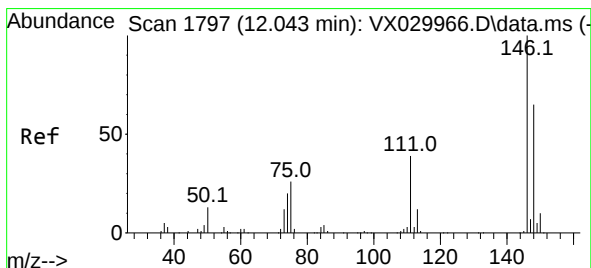
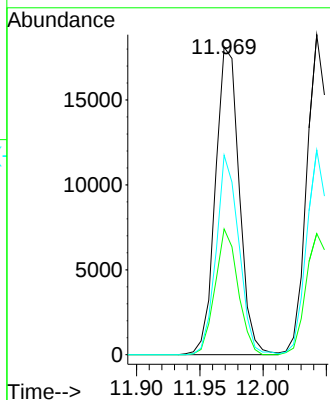
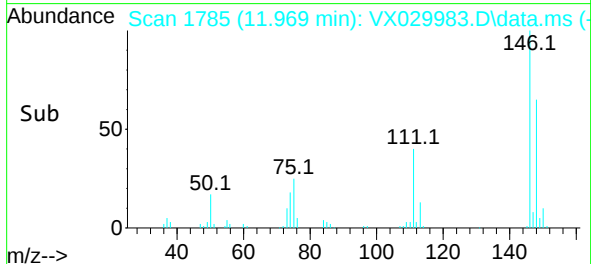
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2022



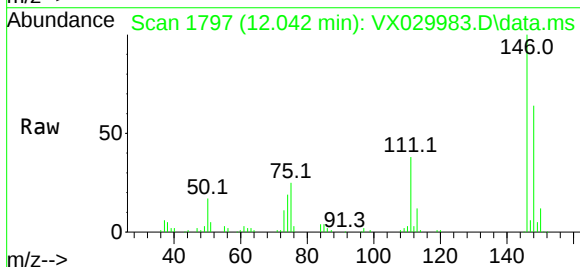
Tgt Ion:146 Resp: 2367
Ion Ratio Lower Upper
146 100
111 39.3 19.8 59.4
148 61.8 31.6 94.8

Manual Integrations
APPROVED

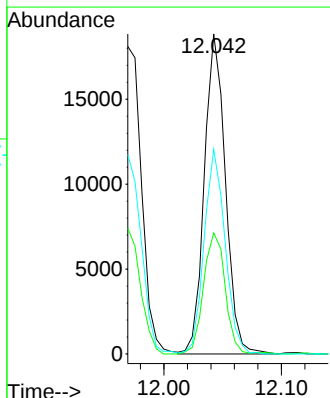
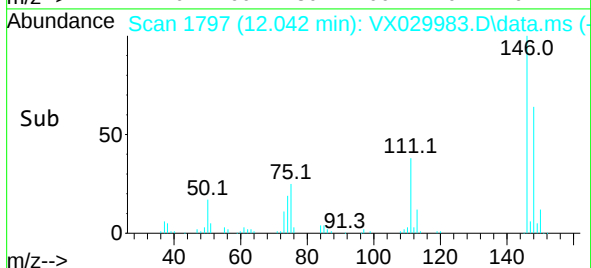
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

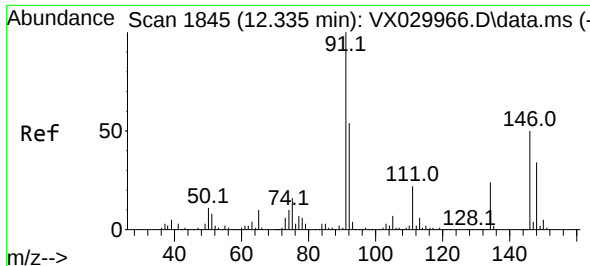


#84
1,4-Dichlorobenzene
Concen: 4.760 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



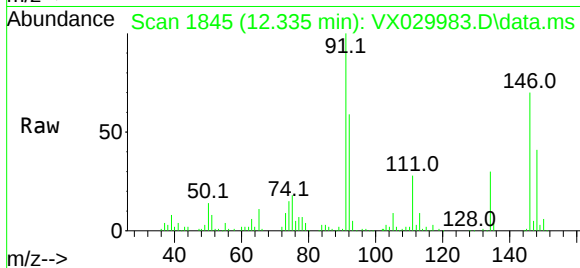
Tgt Ion:146 Resp: 23509
Ion Ratio Lower Upper
146 100
111 38.6 19.2 57.6
148 63.6 32.3 96.8





#85
n-Butylbenzene
Concen: 3.850 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

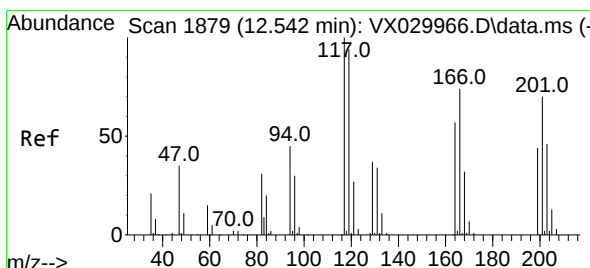
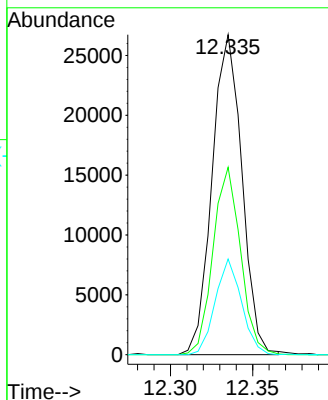
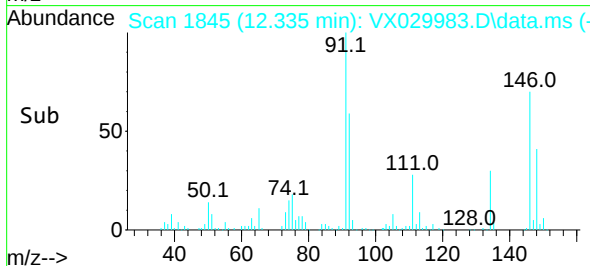
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 91 Resp: 3375
Ion Ratio Lower Upper
91 100
92 54.1 0.0 109.4
134 26.3 0.0 56.4

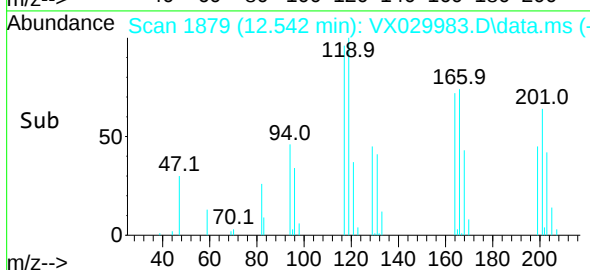
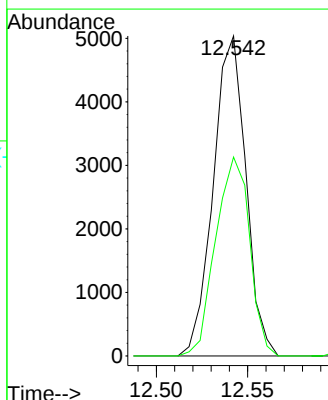
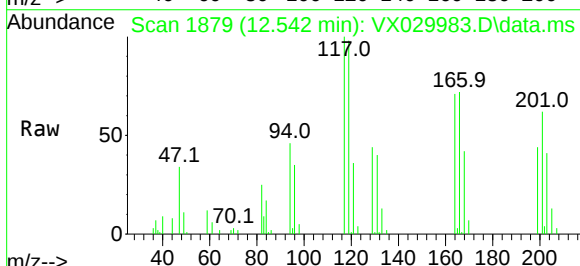
Manual Integrations
APPROVED

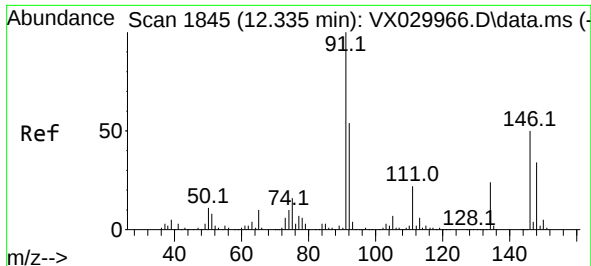
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#86
Hexachloroethane
Concen: 4.034 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

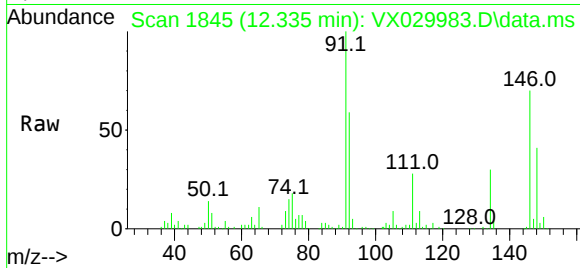
Tgt Ion:117 Resp: 6261
Ion Ratio Lower Upper
117 100
201 64.6 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 4.920 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

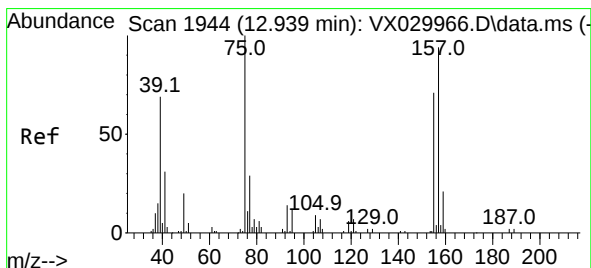
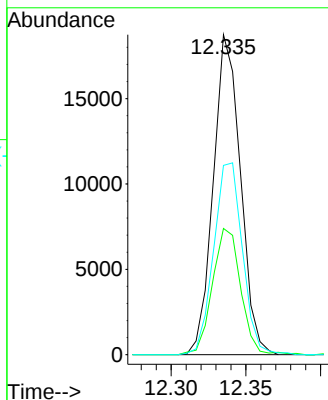
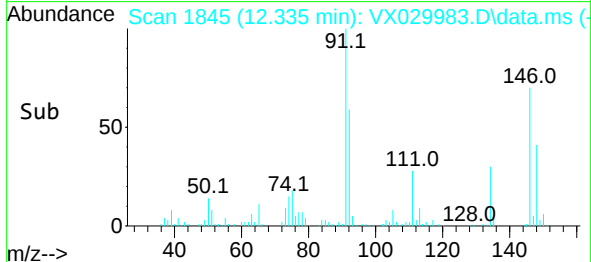
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



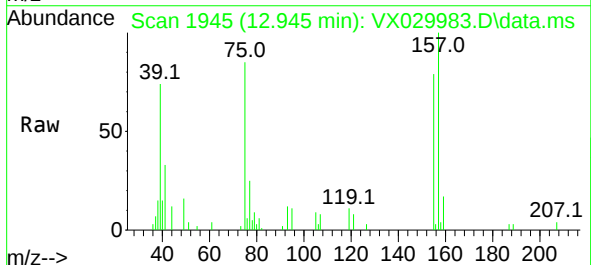
Tgt Ion:146 Resp: 23658
Ion Ratio Lower Upper
146 100
111 40.6 21.1 63.3
148 63.7 31.4 94.2

Manual Integrations
APPROVED

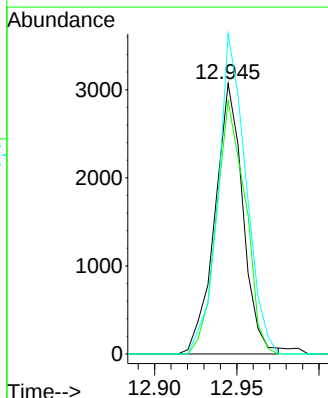
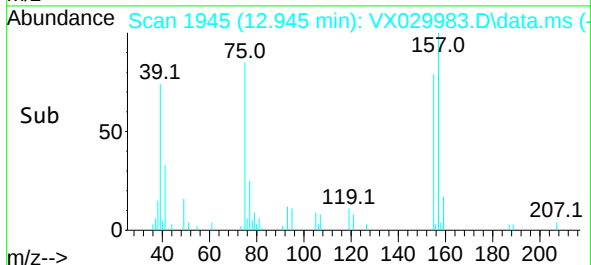
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

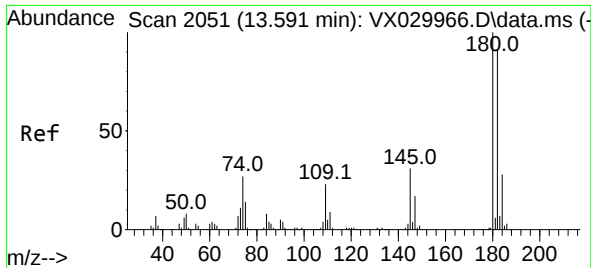


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.183 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12



Tgt Ion: 75 Resp: 3641
Ion Ratio Lower Upper
75 100
155 96.7 74.3 111.5
157 117.7 97.3 145.9





#89

1,2,4-Trichlorobenzene

Concen: 4.508 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2022

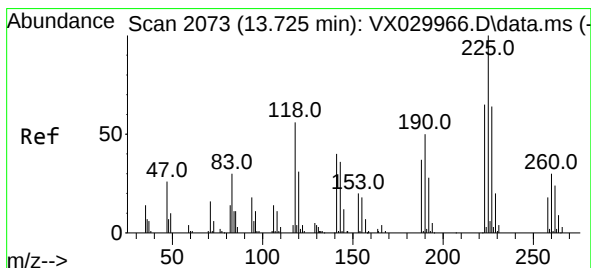
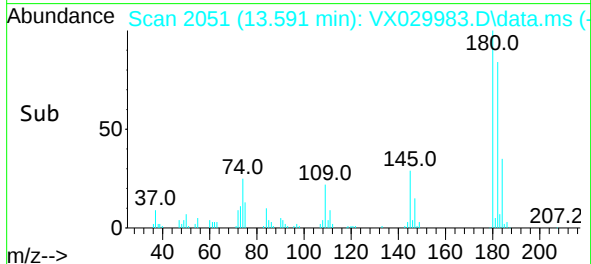
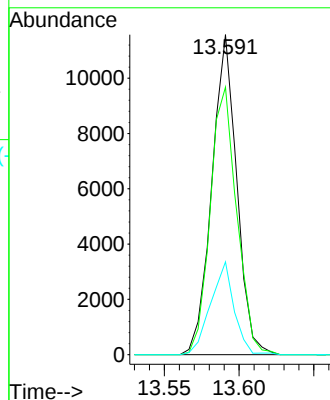
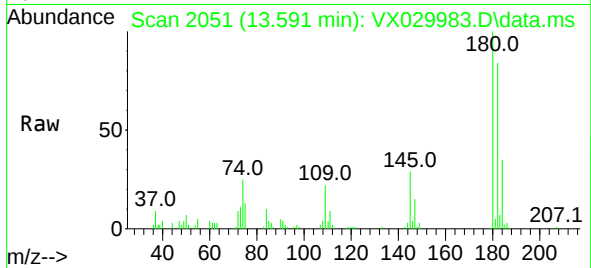
Tgt Ion:180	Resp:	1342
Ion Ratio	Lower	Upper
180	100	
182	88.9	77.4 116.2
145	27.2	24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#90

Hexachlorobutadiene

Concen: 4.943 ug/l

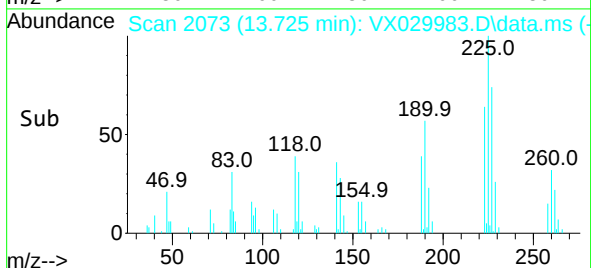
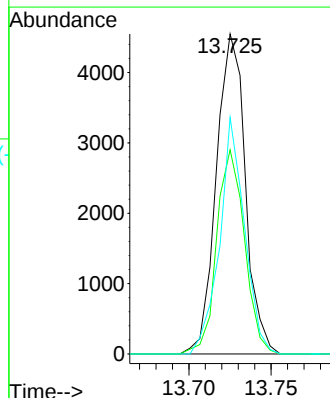
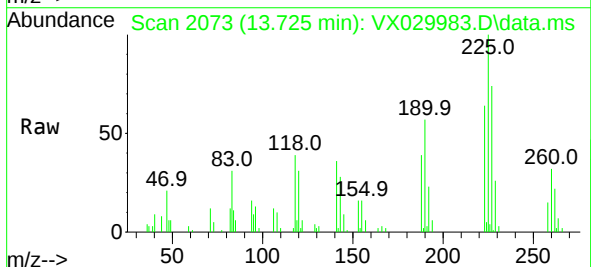
RT: 13.725 min Scan# 2073

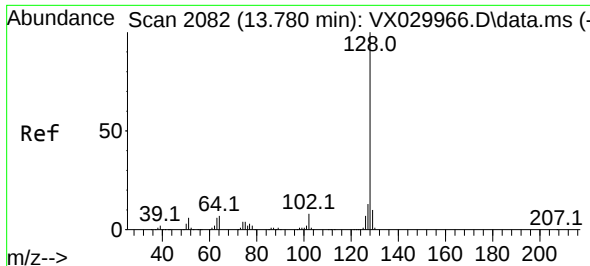
Delta R.T. -0.000 min

Lab File: VX029983.D

Acq: 08 Jul 2022 19:12

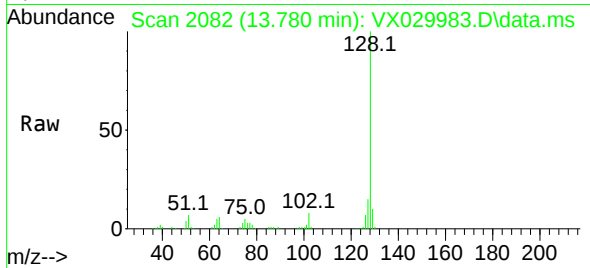
Tgt Ion:225	Resp:	5581
Ion Ratio	Lower	Upper
225	100	
223	61.1	0.0 126.0
227	63.6	0.0 125.0





#91
Naphthalene
Concen: 4.357 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

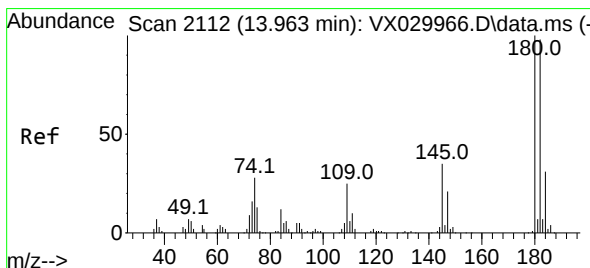
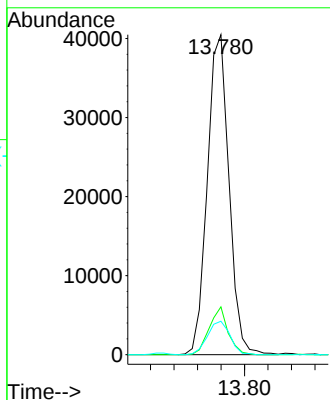
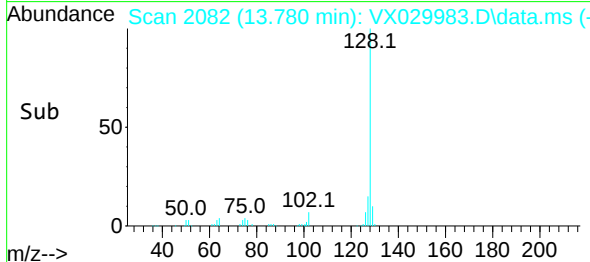
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 51710
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.579 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029983.D
Acq: 08 Jul 2022 19:12

Tgt Ion:180 Resp: 13887
Ion Ratio Lower Upper
180 100
182 95.9 0.0 189.4
145 33.8 0.0 67.2

