

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019076.D
 Acq On : 23 Oct 2020 13:40
 Operator : JC/SP
 Sample : L4214-08 5.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 2:27:51 PM

Quant Time: Oct 26 05:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	44123	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	243899	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	224598	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	90058	30.64	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.13%
60) 4-Bromofluorobenzene	11.12	95	98456	29.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.37%
63) Toluene-d8	8.70	98	297986	30.05	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	11958	5.393	ug/l 99
3) Chloromethane	1.31	50	12051	6.015	ug/l 95
4) Vinyl Chloride	1.39	62	14118	5.376	ug/l 96
5) Bromomethane	1.64	94	13025	7.162	ug/l 99
6) Chloroethane	1.72	64	9903	5.565	ug/l 97
7) Trichlorofluoromethane	1.92	101	24432	5.343	ug/l 99
8) Diethyl Ether	2.17	74	9614	5.609	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11984	5.485	ug/l 99
10) 1,1-Dichloroethene	2.36	96	11924	5.368	ug/l 96
11) Methyl Iodide	2.49	142	7214	9.813	ug/l 97
12) Methyl Acetate	2.75	43	11708	5.325	ug/l 99
13) Acrolein	2.28	56	8786	43.396	ug/l 98
14) Acrylonitrile	3.12	53	28878	27.956	ug/l 99
15) Acetone	2.42	58	8978	30.340	ug/l 92
16) Carbon Disulfide	2.55	76	33116	5.364	ug/l 98
17) Allyl chloride	2.71	41	14587	5.258	ug/l 95
18) Methylene Chloride	2.84	84	14033	5.540	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	13291	5.123	ug/l 97
20) Diisopropyl ether	3.82	45	30360	5.402	ug/l 95
21) 1,1-Dichloroethane	3.67	63	22229	5.387	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	15810	5.261	ug/l 98
23) tert-Butyl Alcohol	3.02	59	14336	28.626	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	37406	5.326	ug/l 97
25) Chloroform	5.18	83	24565	5.373	ug/l 99
26) Cyclohexane	5.55	56	16409	5.117	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	18140	5.272	ug/l 99
30) 2-Butanone	4.64	43	39808	29.041	ug/l 99
31) 2,2-Dichloropropane	4.55	77	20191	5.129	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	21887	5.292	ug/l 98
33) Carbon Tetrachloride	5.76	117	18013	5.019	ug/l 98
34) Benzene	6.11	78	55243	5.457	ug/l 98
35) Methacrylonitrile	5.00	41	8383	5.649	ug/l 88
36) 1,2-Dichloroethane	6.16	62	19187m	5.525	ug/l
37) Trichloroethene	7.19	130	15277	5.250	ug/l 99
38) Methylcyclohexane	7.44	83	20408	5.291	ug/l 99
39) 1,2-Dichloropropane	7.49	63	12626	5.373	ug/l 96
40) Dibromomethane	7.63	93	10030	5.499	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	18439	5.114	ug/l	99
42) Vinyl Acetate	3.78	43	140902	26.418	ug/l	100
43) Ethyl Acetate	4.80	43	15698m	5.459	ug/l	
44) Isopropyl Acetate	6.41	43	26260	5.454	ug/l	99
45) 1,4-Dioxane	7.73	88	5584	110.328	ug/l	97
46) Methyl methacrylate	7.74	41	12138	5.326	ug/l	96
47) n-amyl Acetate	10.88	43	19723	5.106	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	20254	5.017	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	21914	5.101	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	13663	5.172	ug/l	96
51) Ethyl methacrylate	9.16	69	20194	5.239	ug/l	98
52) 1,3-Dichloropropane	9.35	76	23541	5.470	ug/l	99
53) Dibromochloromethane	9.56	129	14873	5.058	ug/l	97
54) 1,2-Dibromoethane	9.65	107	15145	5.276	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	52692	25.579	ug/l	99
56) Bromoform	10.84	173	9482	4.612	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	78468	27.704	ug/l	99
59) 2-Hexanone	9.47	43	59018	27.963	ug/l	100
61) Tetrachloroethene	9.32	164	14171	5.318	ug/l	89
62) Toluene	8.76	91	63159	5.351	ug/l	98
64) Chlorobenzene	10.12	112	38837	5.293	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	13649	5.115	ug/l	99
66) Ethyl Benzene	10.23	91	69240	5.350	ug/l	100
67) m/p-Xylenes	10.34	106	50276	10.187	ug/l	98
68) o-Xylene	10.68	106	24099	5.120	ug/l	97
69) Styrene	10.70	104	38881	4.903	ug/l	100
70) Isopropylbenzene	11.00	105	66224	5.232	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	18806	5.147	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	17762m	5.406	ug/l	
73) Bromobenzene	11.24	156	15521	5.018	ug/l	97
74) n-propylbenzene	11.34	91	73602	5.136	ug/l	100
75) 2-Chlorotoluene	11.40	91	43178	5.327	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	52554	5.117	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	6287	4.818	ug/l	97
78) 4-Chlorotoluene	11.49	91	48922	5.136	ug/l	99
79) tert-butylbenzene	11.76	119	51318	5.074	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	52077	5.101	ug/l	100
81) sec-Butylbenzene	11.93	105	62326	5.208	ug/l	99
82) p-Isopropyltoluene	12.05	119	54373	4.930	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	27707	5.012	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	27706	4.936	ug/l	98
85) n-Butylbenzene	12.37	91	48294	4.891	ug/l	98
86) Hexachloroethane	12.58	117	7787	4.597	ug/l	96
87) 1,2-Dichlorobenzene	12.37	146	26616	5.029	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	4097	4.954	ug/l	94
89) 1,2,4-Trichlorobenzene	13.63	180	17614	4.625	ug/l	99
90) Hexachlorobutadiene	13.76	225	7770	4.811	ug/l	98
91) Naphthalene	13.82	128	55374	4.441	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	17546	4.789	ug/l	99

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LOQ-WATER-02-QT4-2020

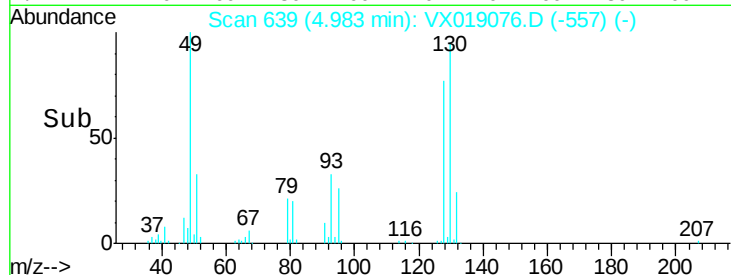
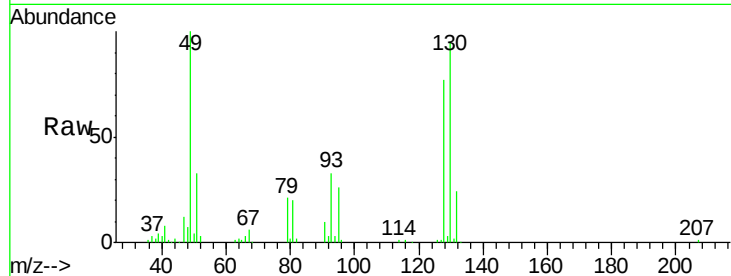
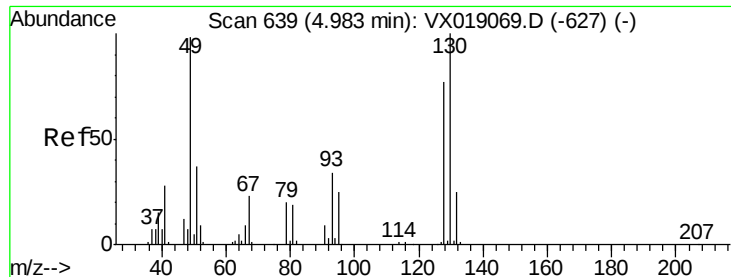
Manual Integrations
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Response via : Initial Calibration

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



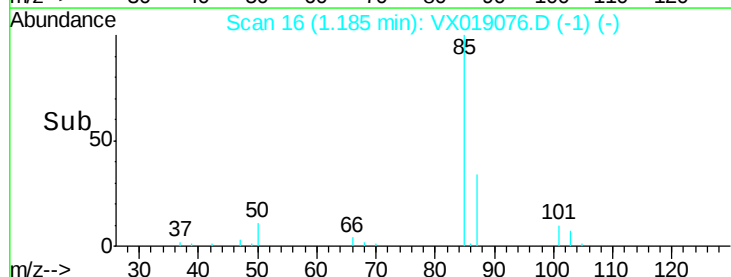
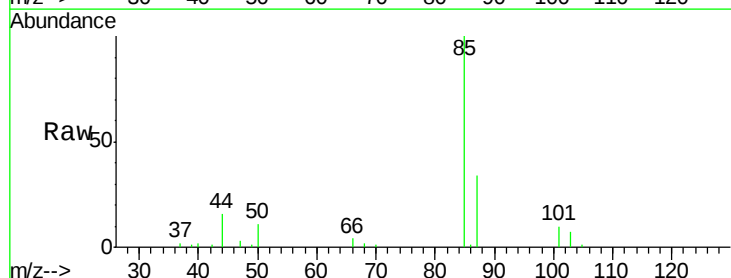
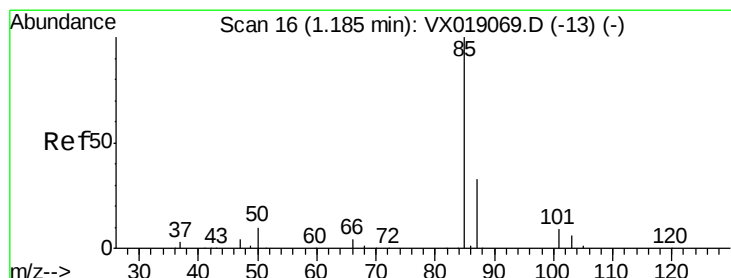
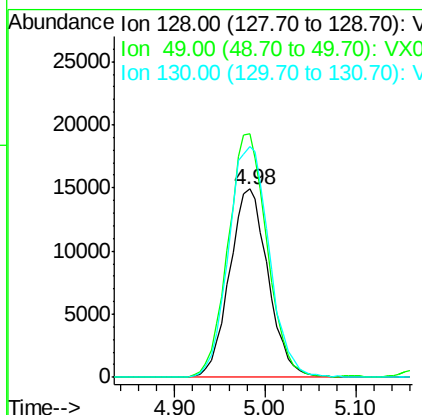
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tot Ion	Ratio	Lower	Upper
128	100		
49	130.3	0.0	318.8
130	129.3	0.0	321.8

Instrument :
MSVOA_X
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LOQ-WATER-02-QT4-2020

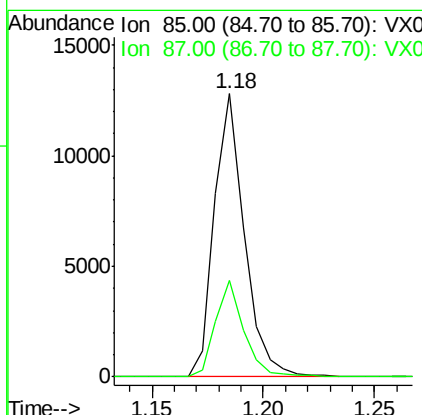
Manual Integrations
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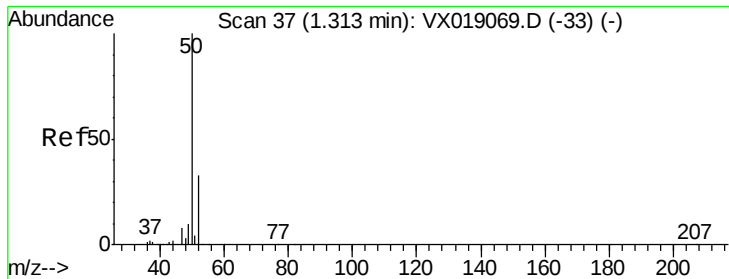
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#2
Dichlorodifluoromethane
Concen: 5.393 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.6	49.7





#3

Chloromethane

Concen: 6.015 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 50 Resp: 12051

Ion Ratio Lower Upper

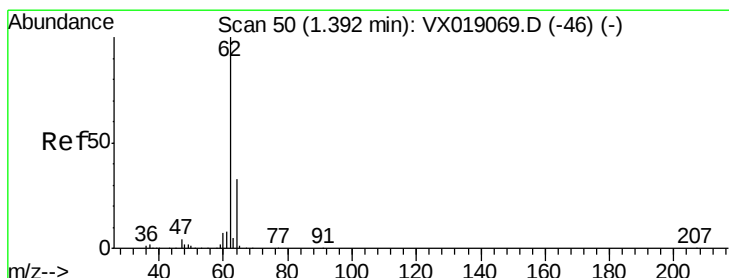
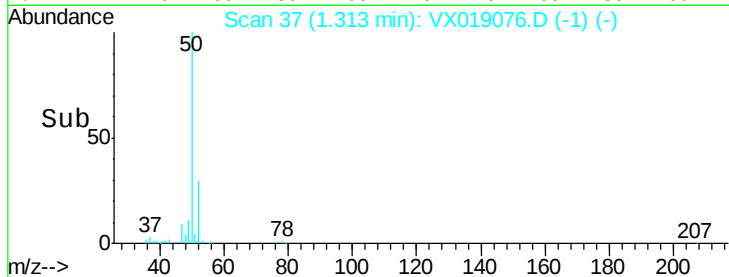
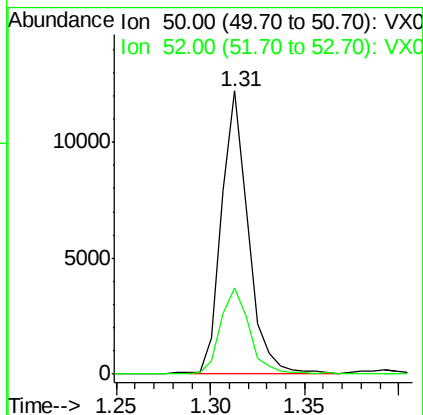
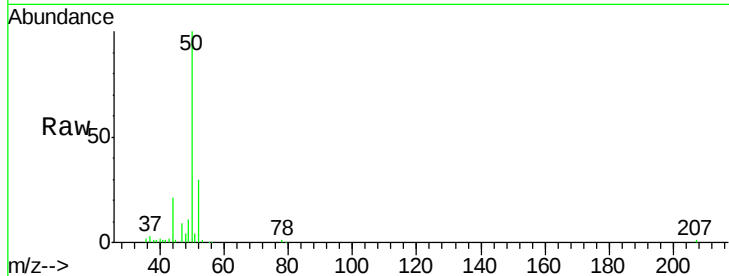
50 100

52 30.3 26.7 40.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 5.376 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019076.D

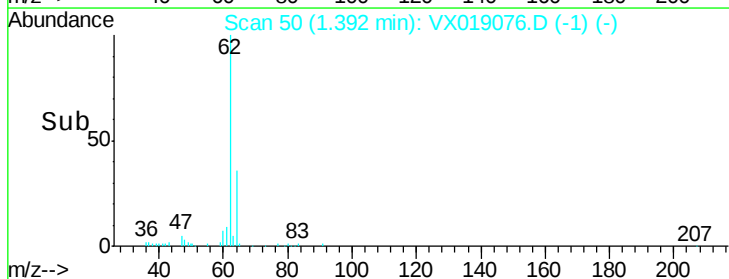
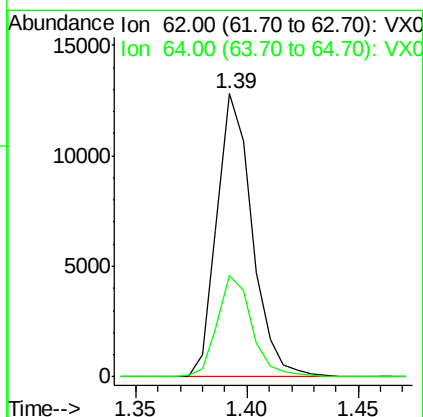
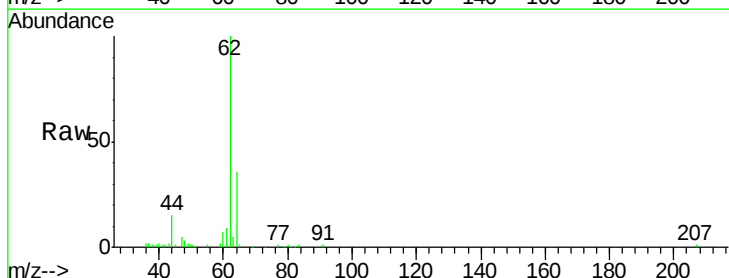
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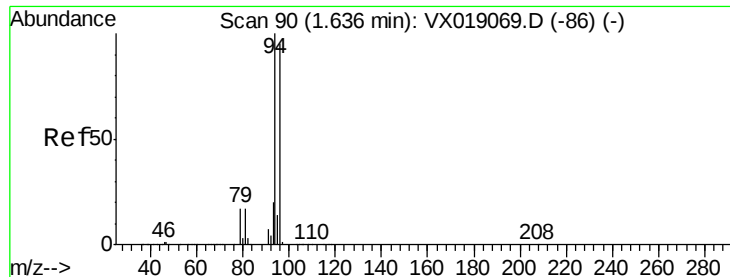
Tgt Ion: 62 Resp: 14118

Ion Ratio Lower Upper

62 100

64 35.9 26.7 40.1





#5

Bromomethane

Concen: 7.162 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 94 Resp: 13025

Ion Ratio Lower Upper

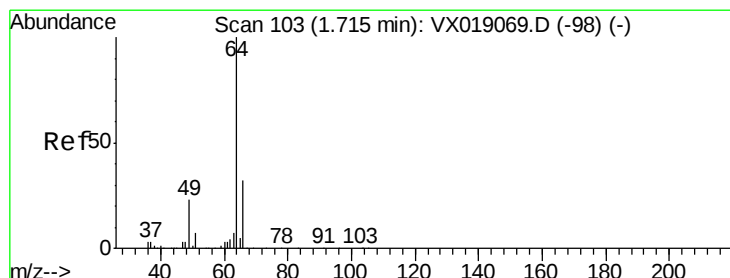
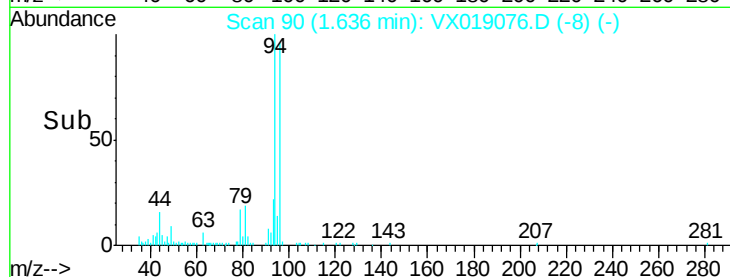
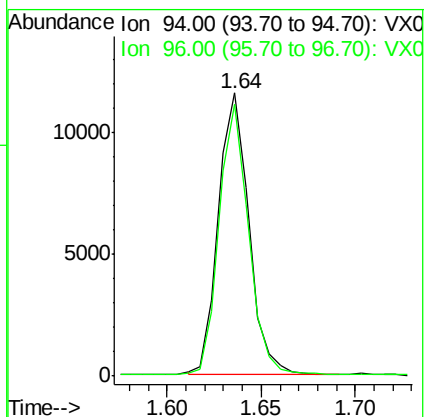
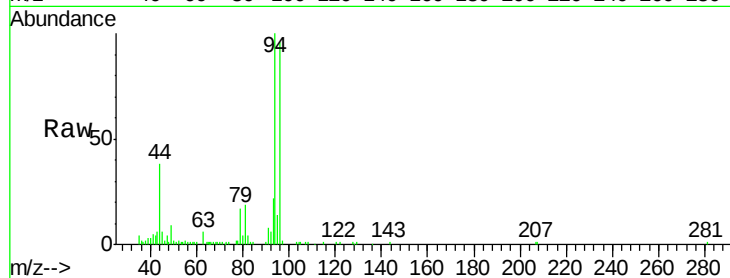
94 100

96 96.3 76.2 114.2

Manual Integrations
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#6

Chloroethane

Concen: 5.565 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019076.D

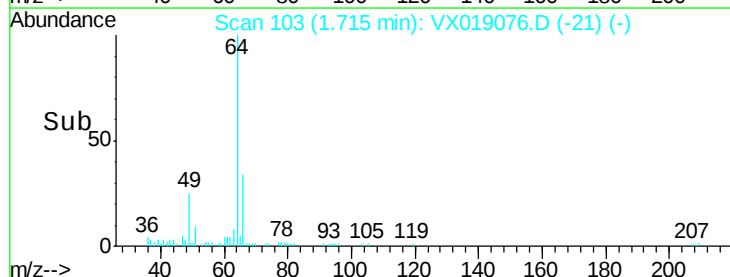
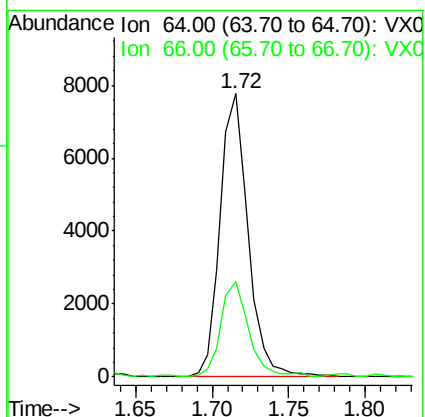
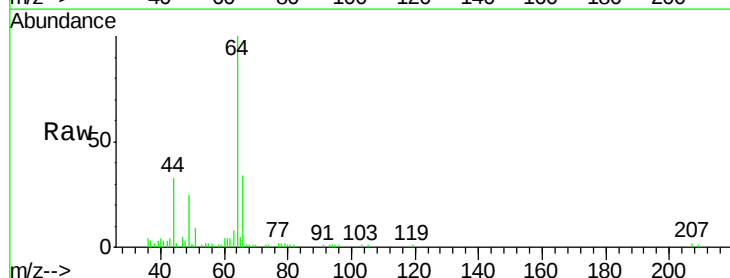
Acq: 23 Oct 2020 13:40

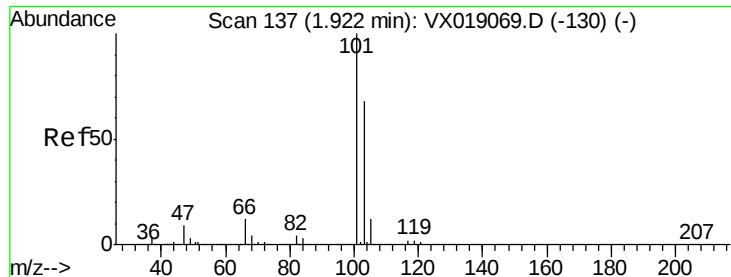
Tgt Ion: 64 Resp: 9903

Ion Ratio Lower Upper

64 100

66 33.8 25.9 38.9





#7

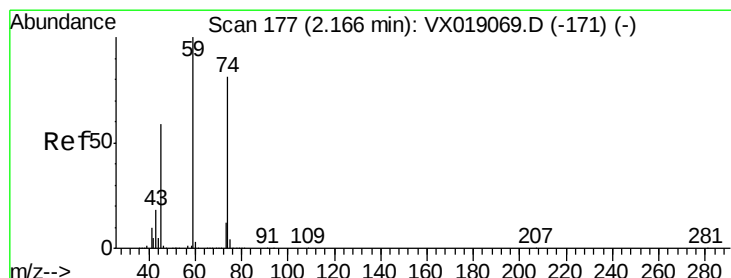
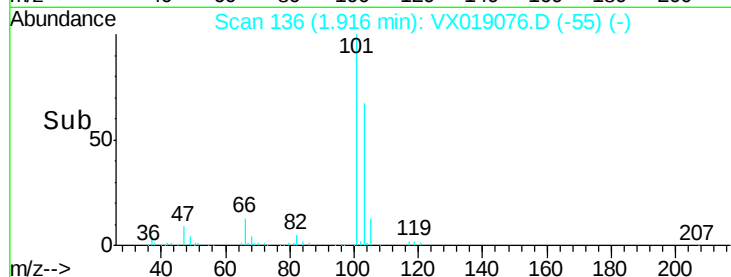
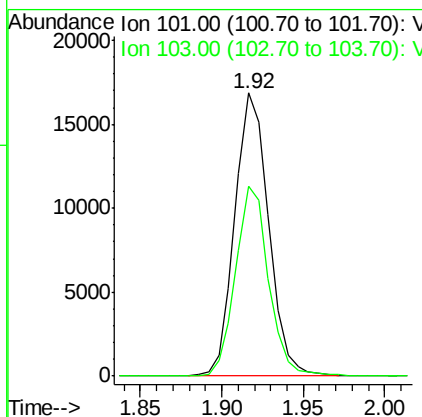
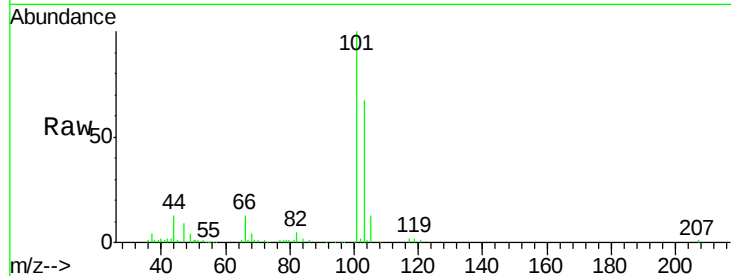
Trichlorofluoromethane
Concen: 5.343 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	54.2	81.4

Manual Integrations
APPROVED

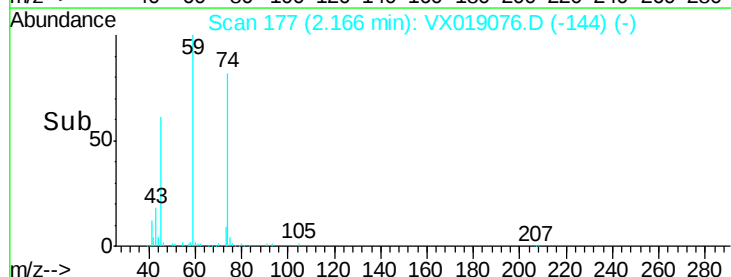
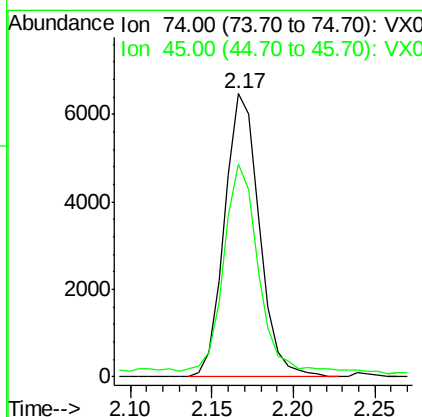
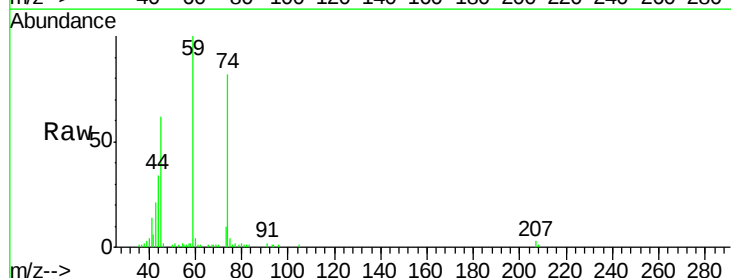
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10/26/2020 2:27:51 PM

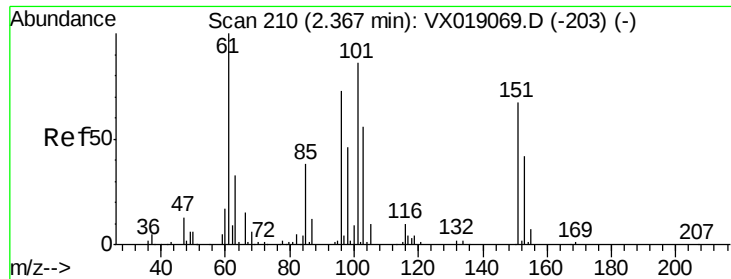


#8

Diethyl Ether
Concen: 5.609 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	70.1	14.5	130.7





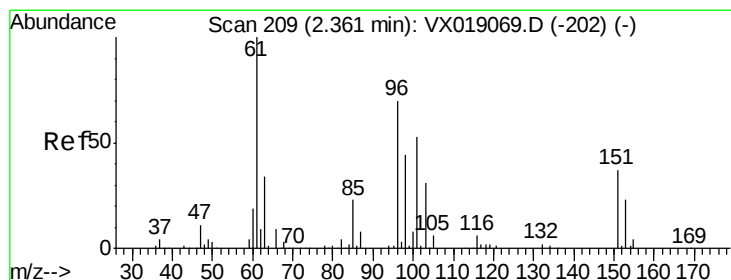
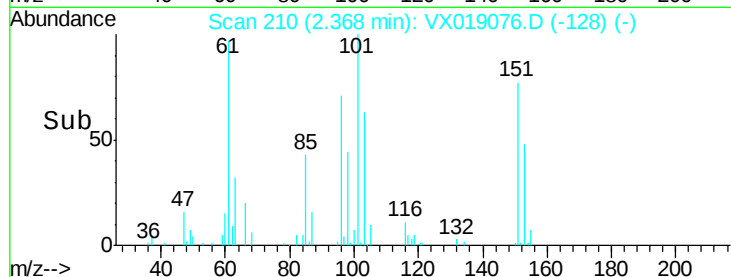
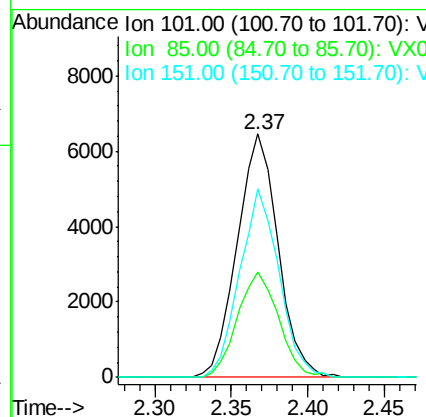
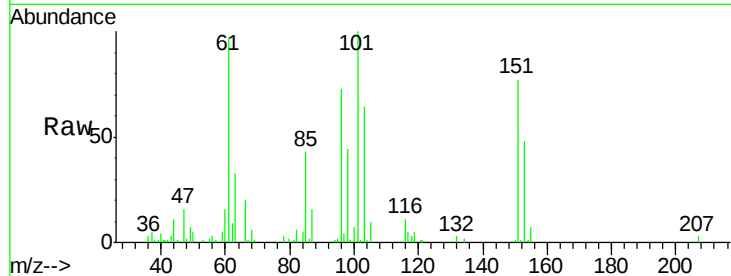
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.485 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX019076.D
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Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	11984		
85	43.7	0.0	87.0	
151	74.6	0.0	151.8	

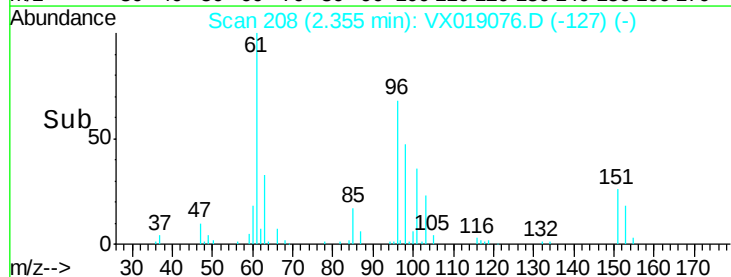
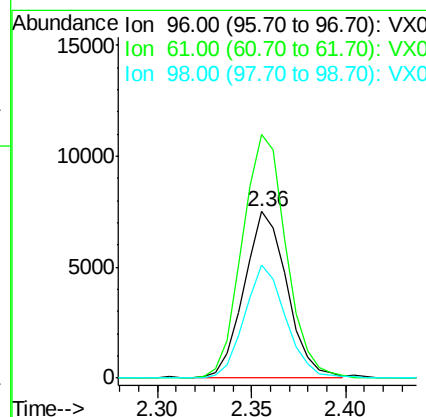
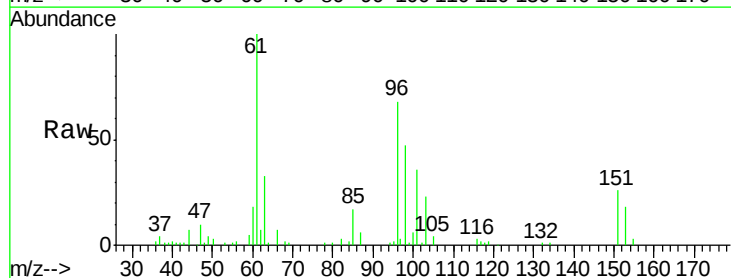
Manual Integrations
 APPROVED

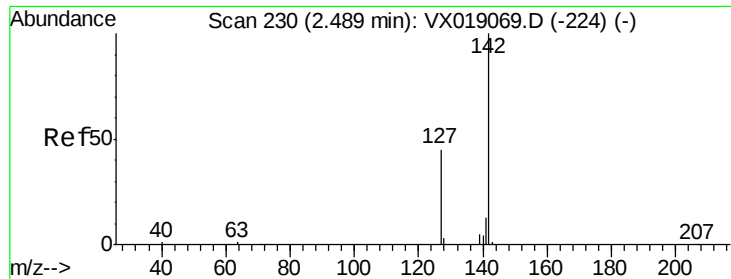
MMDadoda
 10/26/2020 2:27:51 PM



#10
 1,1-Dichloroethene
 Concen: 5.368 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	11924		
61	146.5	113.8	170.8	
98	68.3	50.4	75.6	





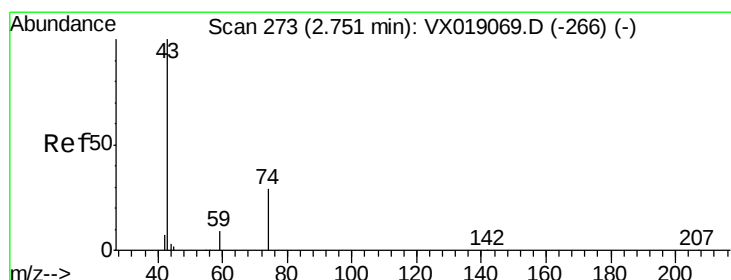
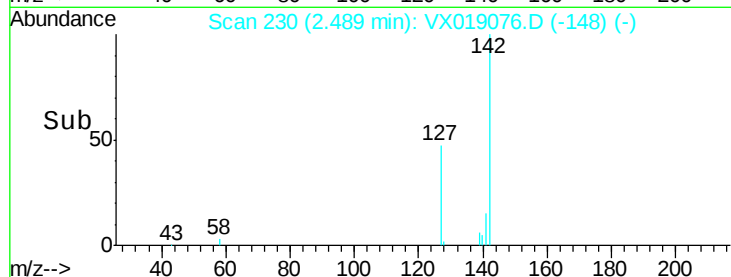
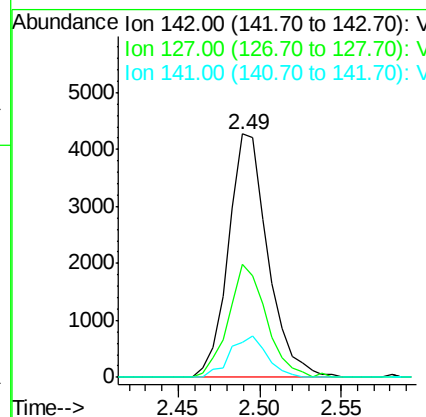
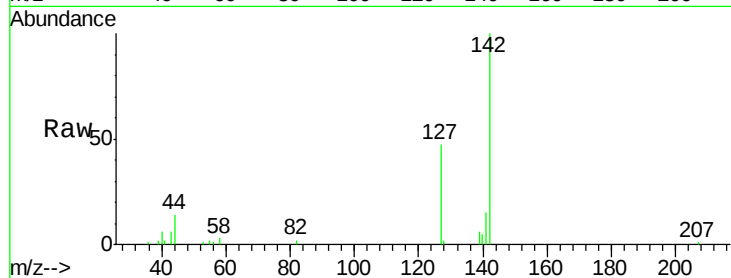
#11
Methyl Iodide
Concen: 9.813 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.7	22.6	67.7
141	14.6	6.3	19.1

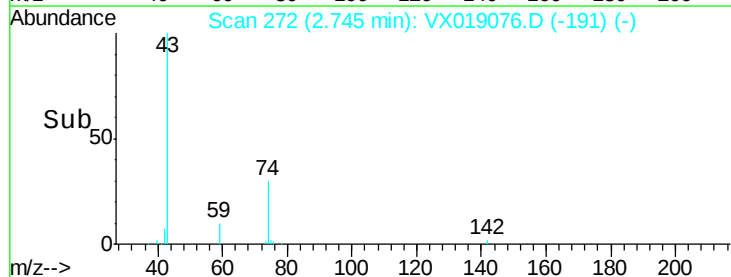
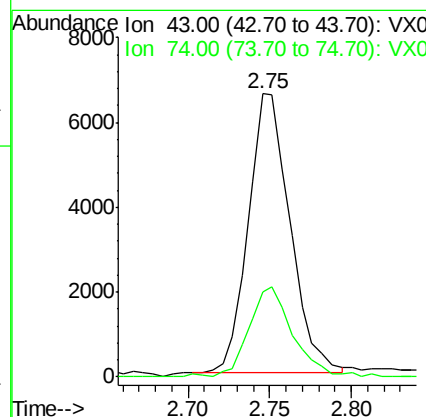
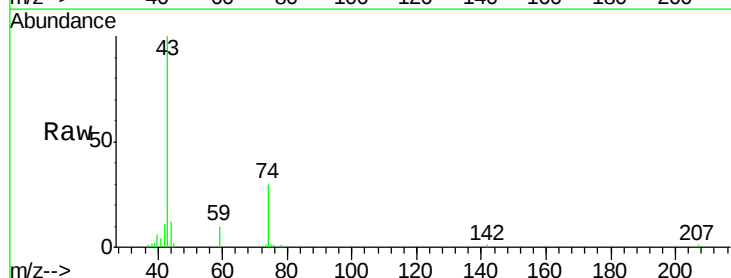
Manual Integrations
APPROVED

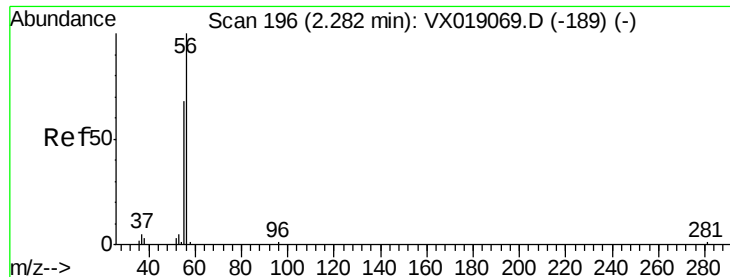
MMDadoda
10/26/2020 2:27:51 PM



#12
Methyl Acetate
Concen: 5.325 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.5	23.9	35.9





#13

Acrolein

Concen: 43.396 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 56 Resp: 8786

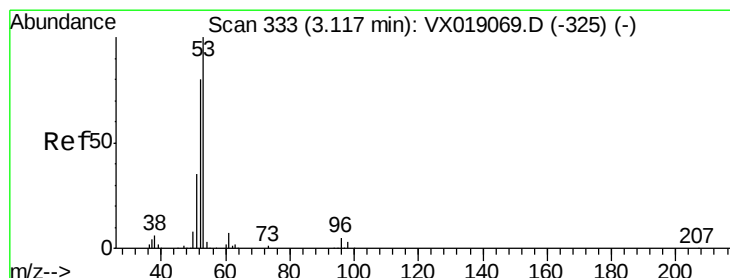
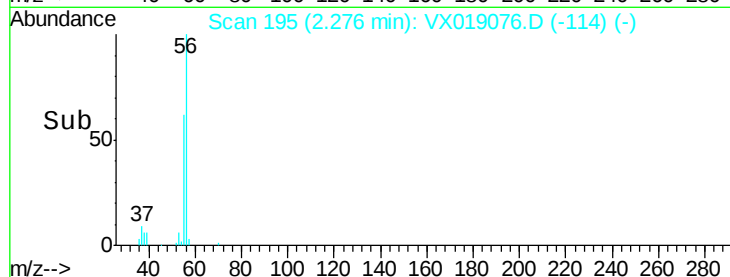
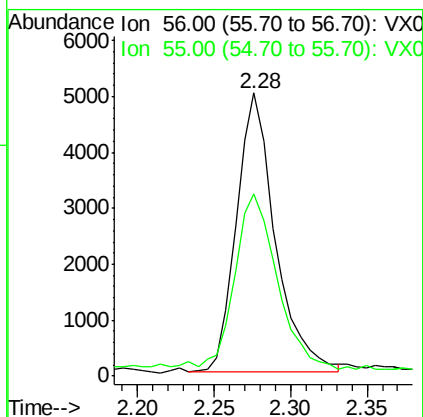
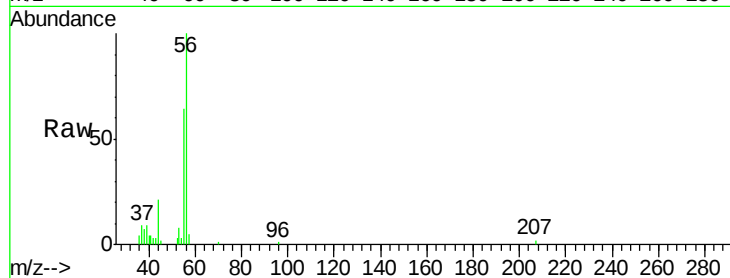
Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.2

Manual Integrations
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#14

Acrylonitrile

Concen: 27.956 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

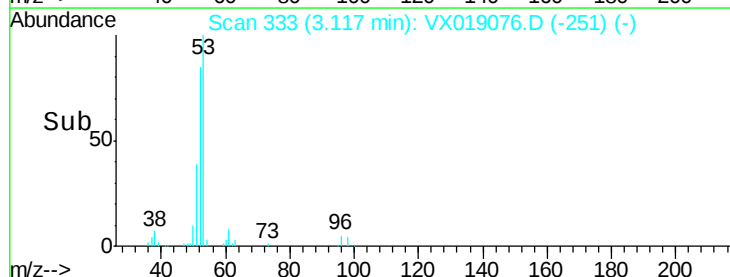
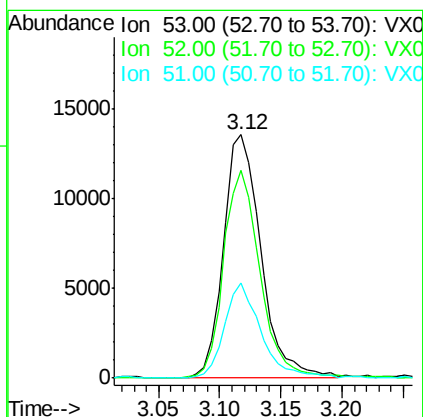
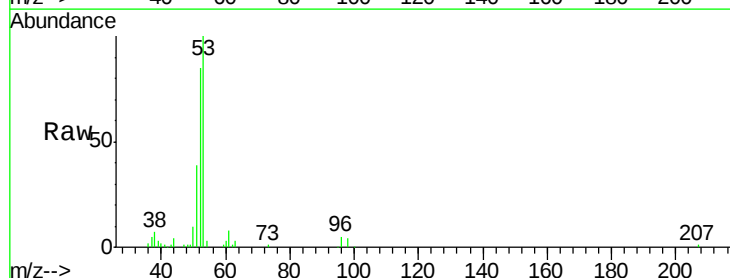
Tgt Ion: 53 Resp: 28878

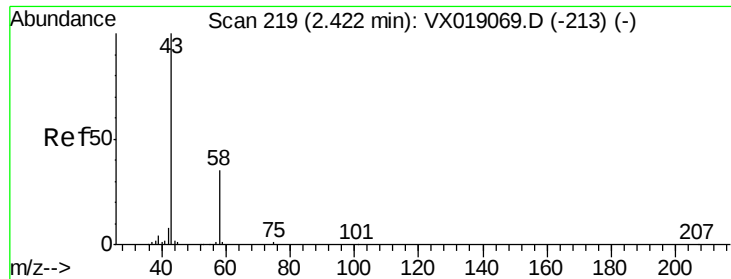
Ion Ratio Lower Upper

53 100

52 82.5 41.0 123.0

51 38.1 18.2 54.6





#15

Acetone

Concen: 30.340 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 58 Resp: 8978

Ion Ratio Lower Upper

58 100

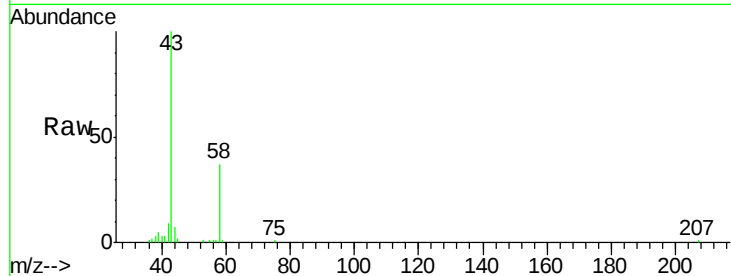
43 268.6 226.7 340.1

Manual Integrations

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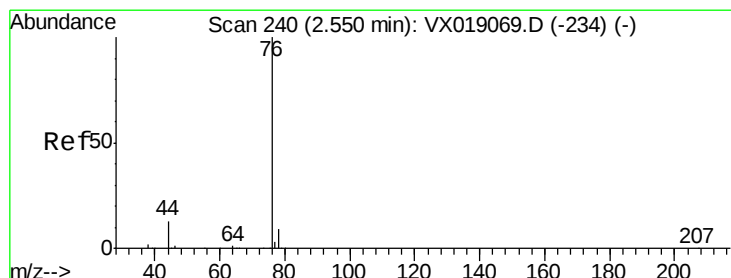
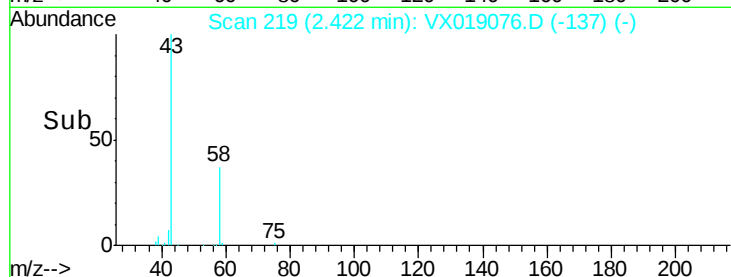
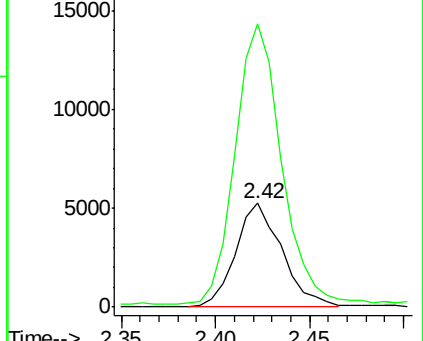
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 5.364 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019076.D

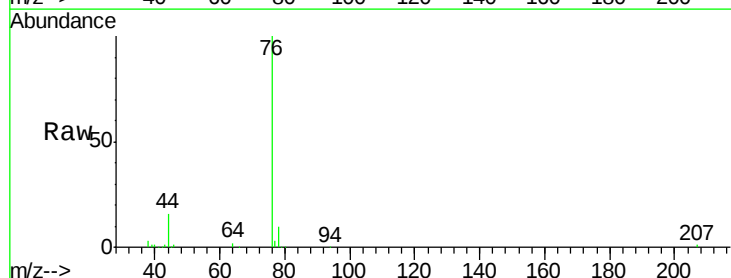
Acq: 23 Oct 2020 13:40

Tgt Ion: 76 Resp: 33116

Ion Ratio Lower Upper

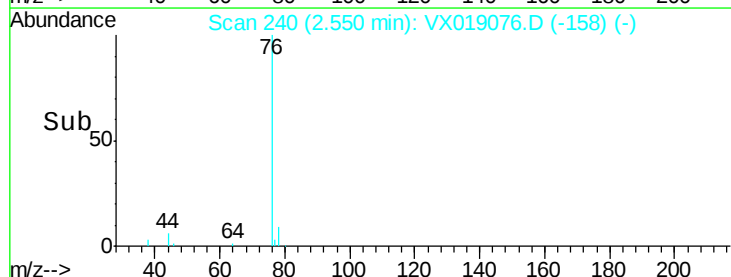
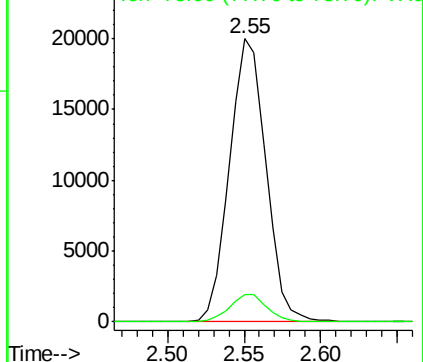
76 100

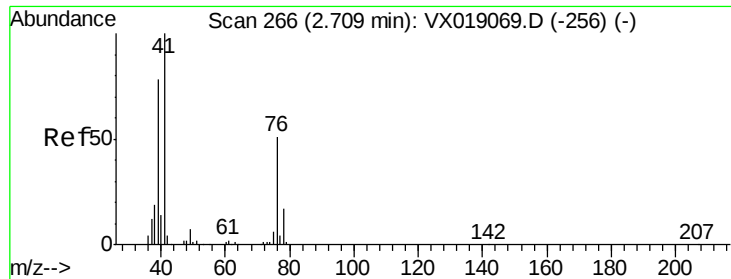
78 9.5 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





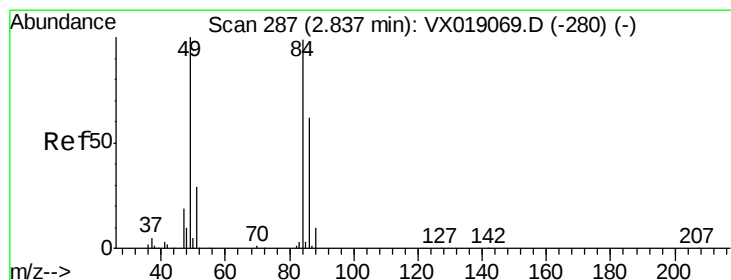
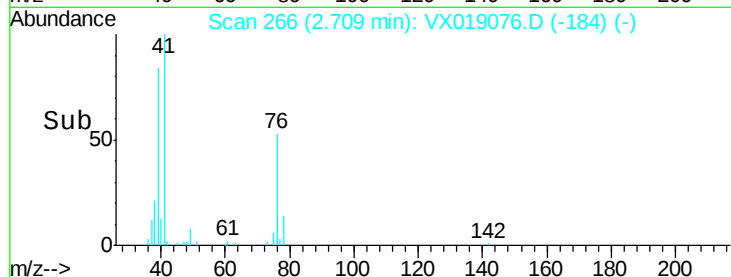
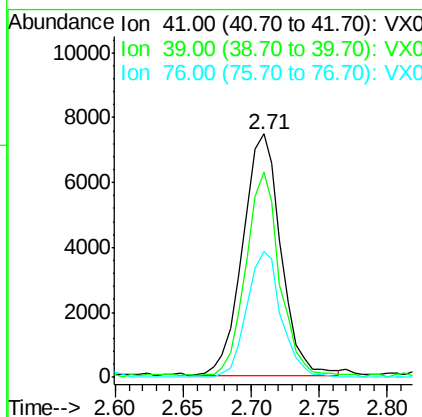
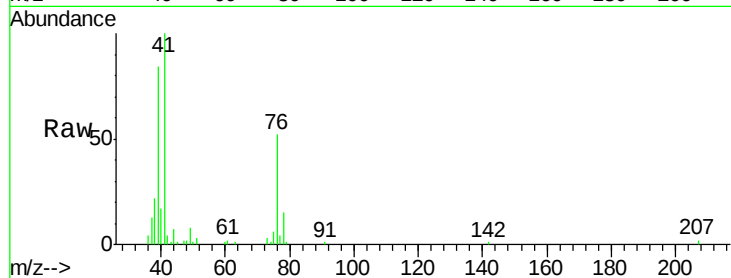
#17
Allvl chloride
Concen: 5.258 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.9	38.8	116.3
76	52.2	25.8	77.4

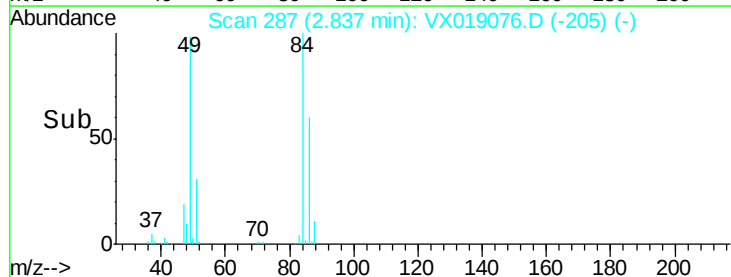
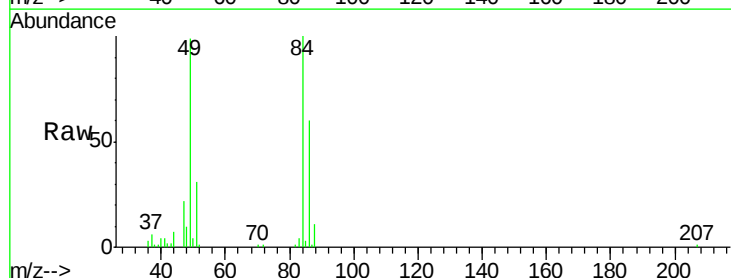
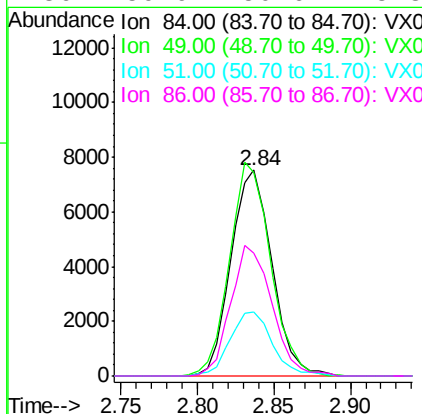
Manual Integrations
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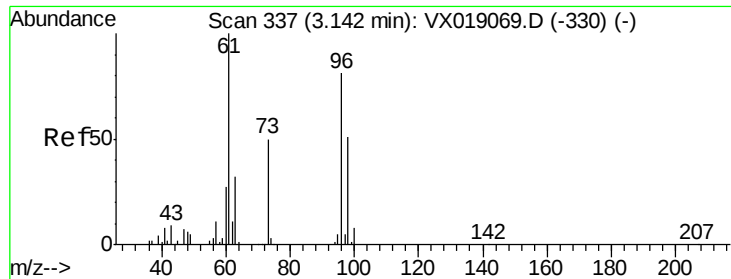
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#18
Methylene Chloride
Concen: 5.540 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.0	80.9	121.3
51	30.9	23.8	35.6
86	59.9	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 5.123 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

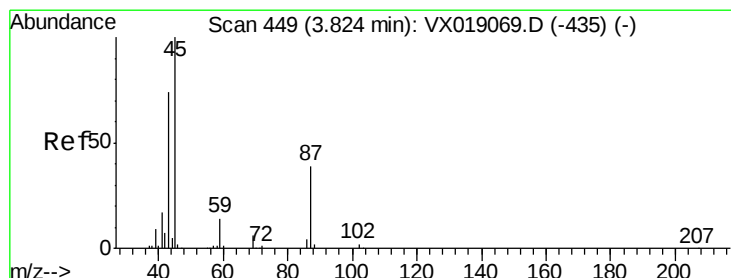
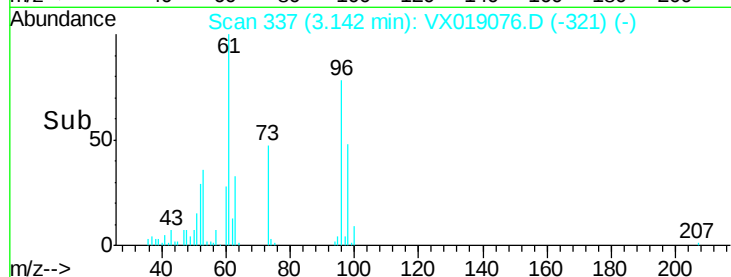
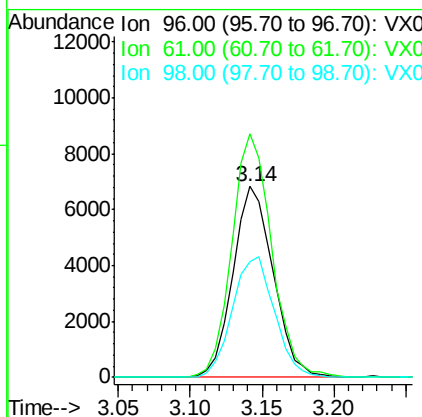
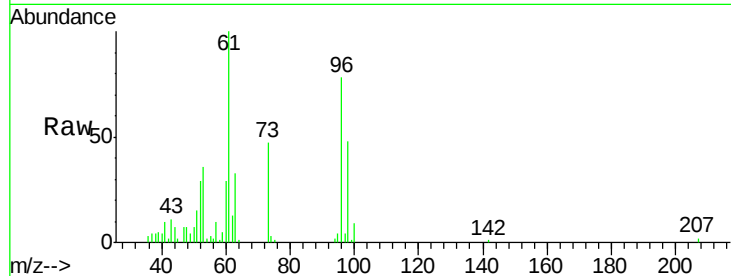
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	96	Resp:	13291
Ion	Ratio	Lower	Upper
96	100		
61	127.6	98.4	147.6
98	60.9	49.9	74.9

Manual Integrations
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#20

Diisopropyl ether

Concen: 5.402 ug/l

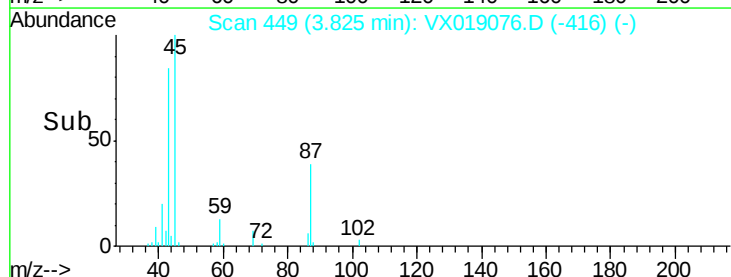
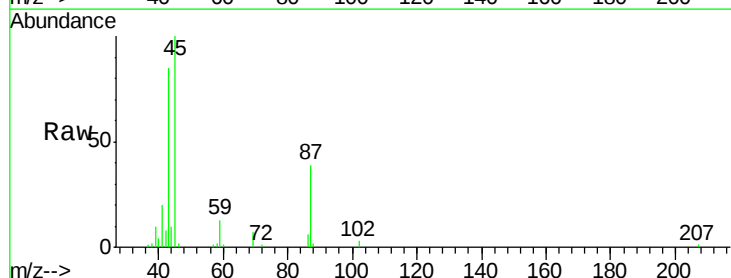
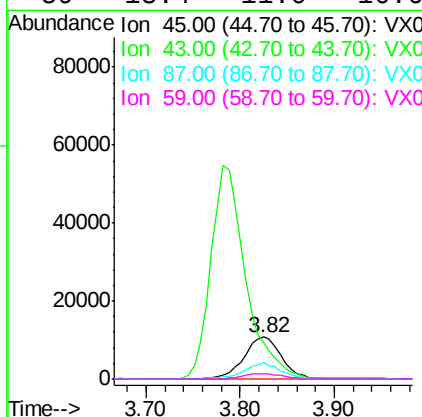
RT: 3.82 min Scan# 449

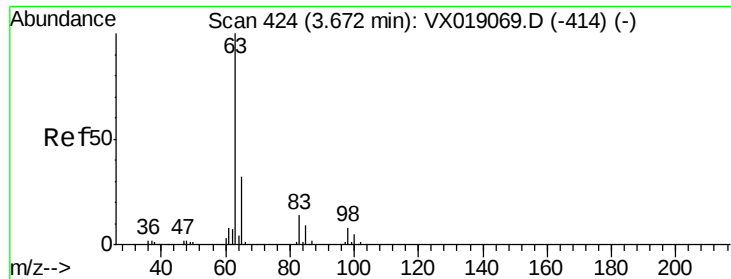
Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Tgt Ion:	45	Resp:	30360
Ion	Ratio	Lower	Upper
45	100		
43	82.5	60.6	91.0
87	39.2	30.9	46.3
59	13.4	11.0	16.6





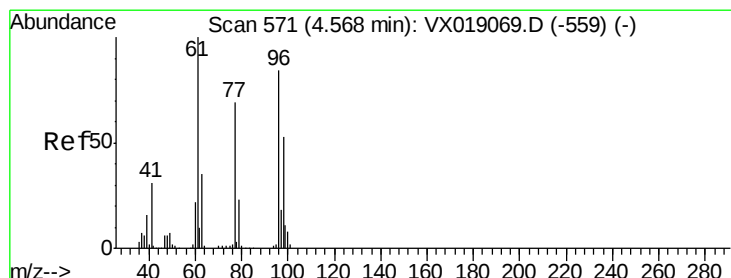
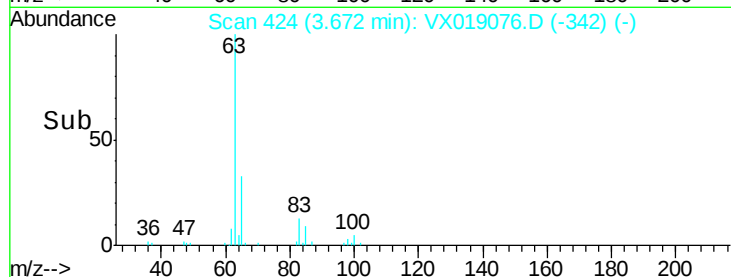
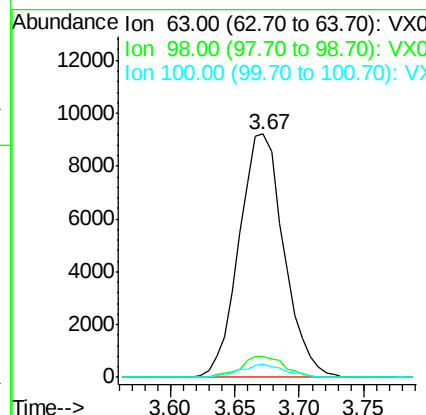
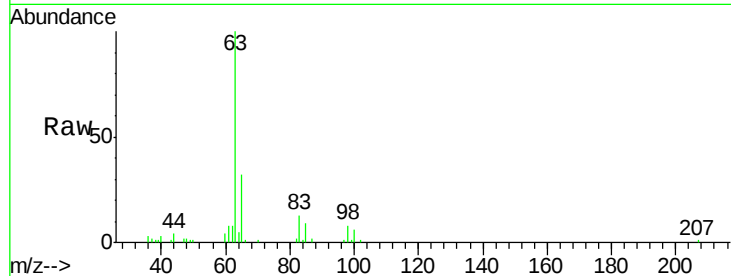
#21
1,1-Dichloroethane
Concen: 5.387 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	22229		
98	8.4		3.9	11.7
100	5.6		2.4	7.2

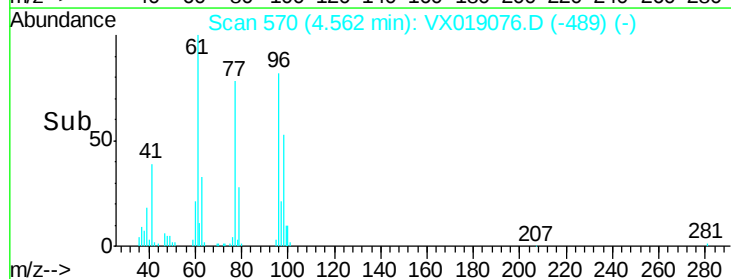
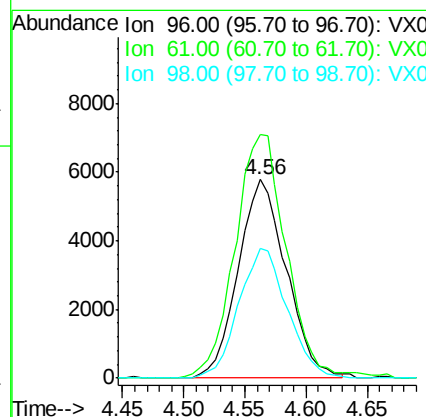
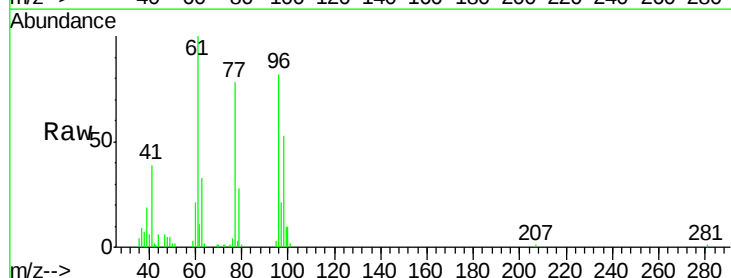
Manual Integrations
APPROVED

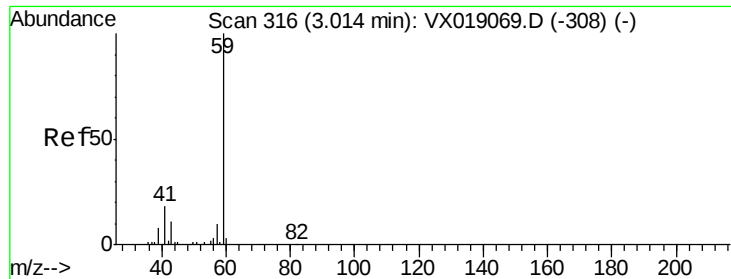
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 5.261 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	15810		
61	129.5		101.9	152.9
98	65.9		51.3	76.9





#23

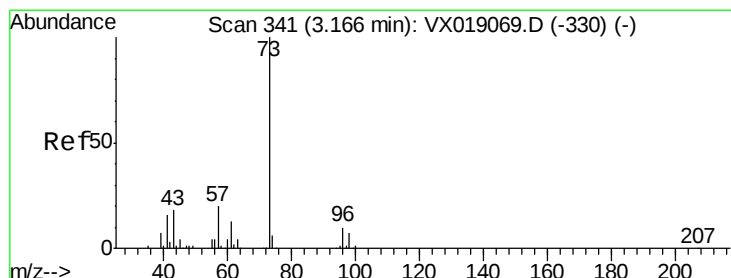
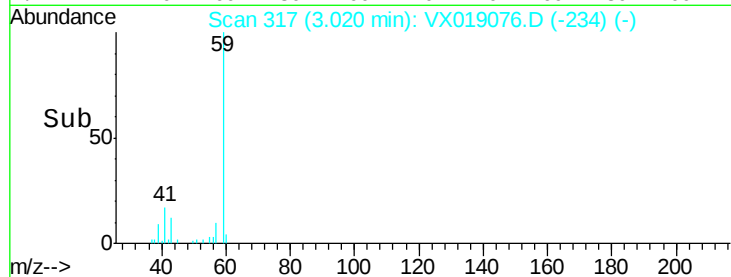
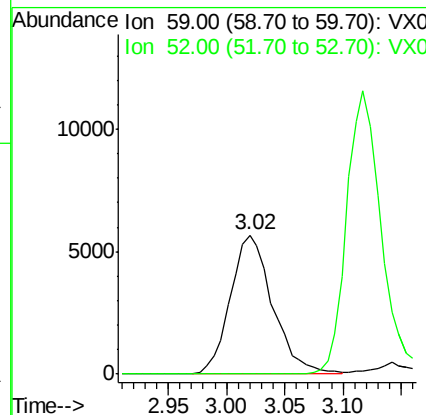
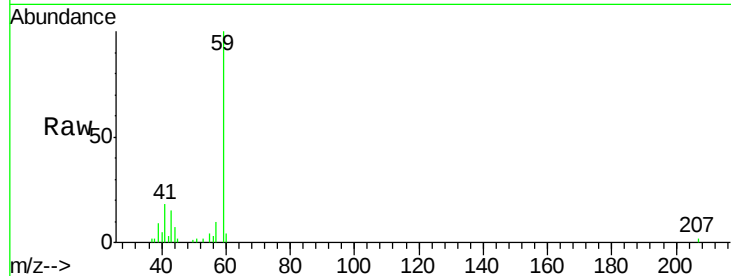
tert-Butyl Alcohol
 Concen: 28.626 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	59	Ratio	Lower	Upper
14336	100			
52	0.2	0.2	0.4	

Manual Integrations
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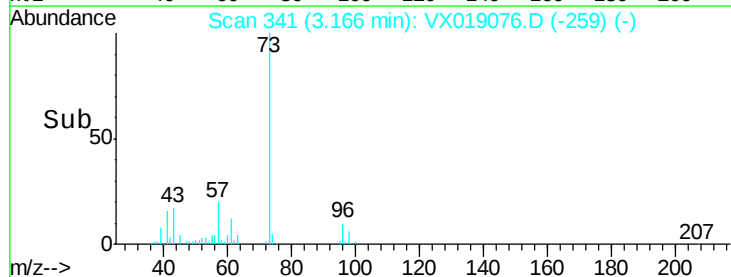
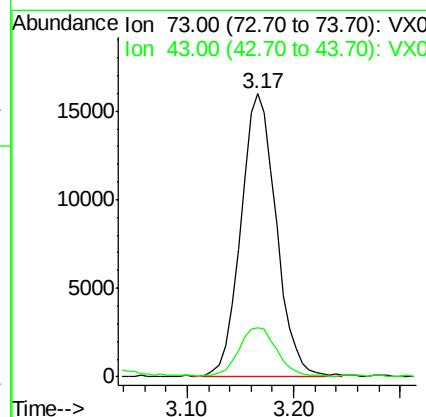
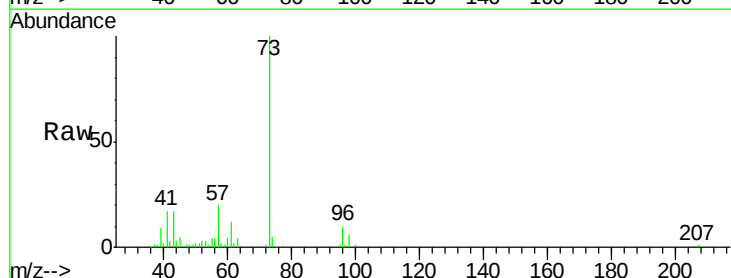
MMDadoda
 10/26/2020 2:27:51 PM

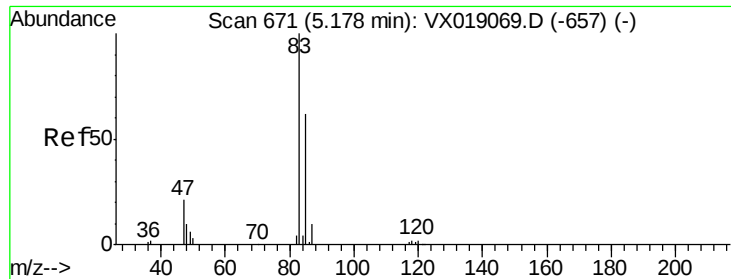


#24

Methyl tert-Butyl Ether
 Concen: 5.326 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	73	Ratio	Lower	Upper
37406	100			
43	18.7	13.9	20.9	





#25

Chloroform

Concen: 5.373 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 83 Resp: 24565

Ion Ratio Lower Upper

83 100

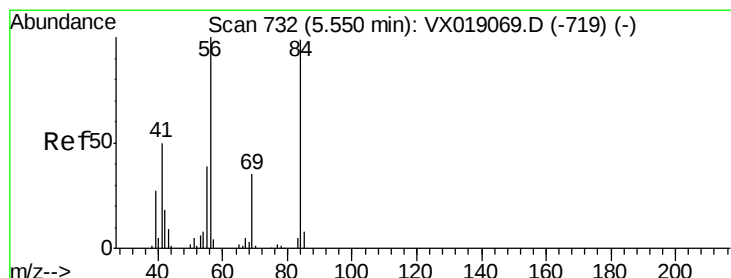
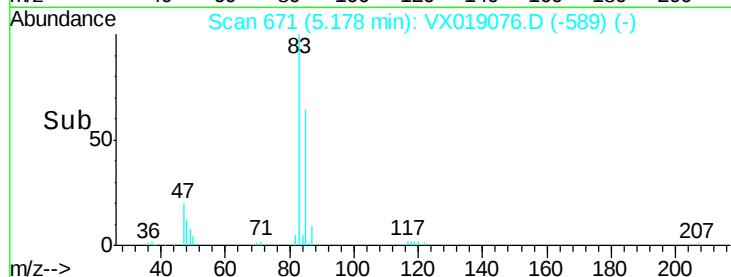
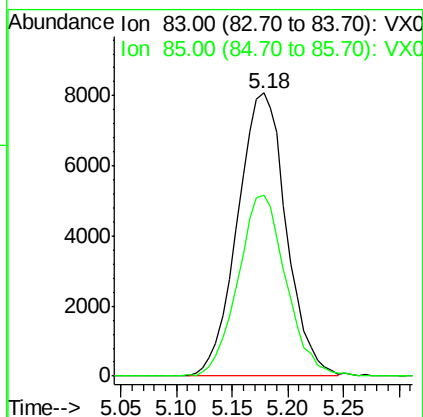
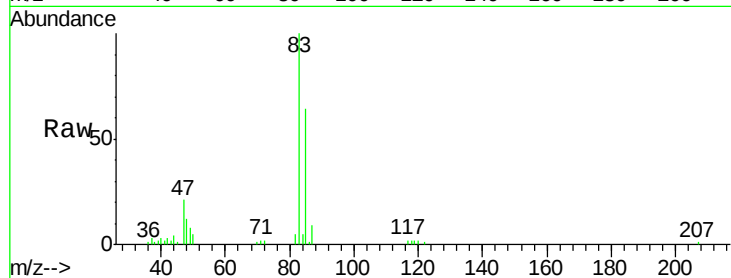
85 63.2 49.8 74.8

Manual Integrations

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#26

Cyclohexane

Concen: 5.117 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

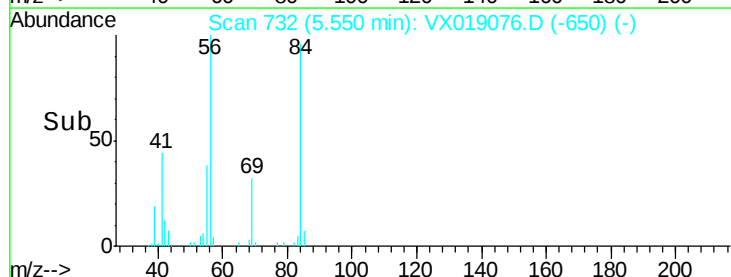
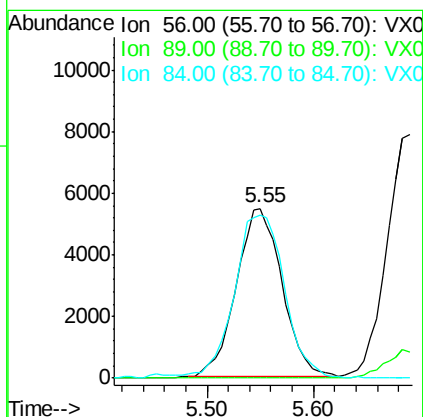
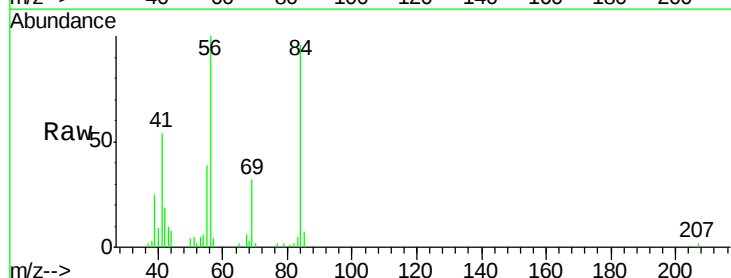
Tgt Ion: 56 Resp: 16409

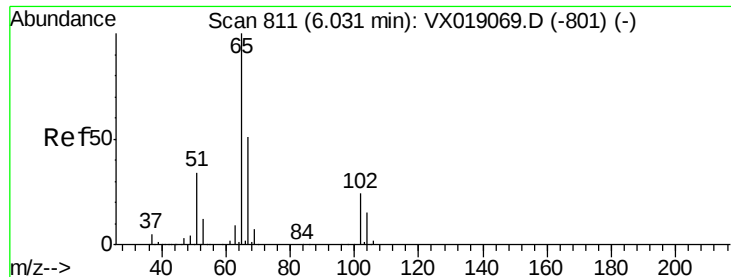
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 106.8 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 30.643 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 65 Resp: 90058

Ion Ratio Lower Upper

65 100

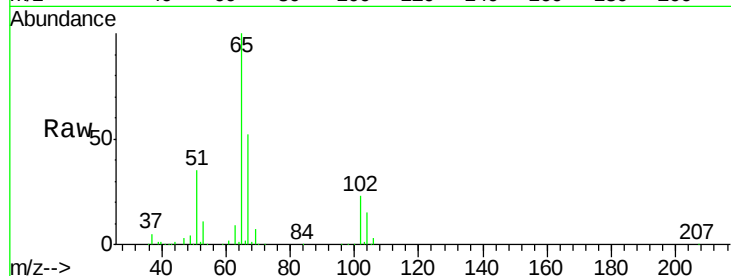
67 52.5 42.0 63.0

Manual Integrations

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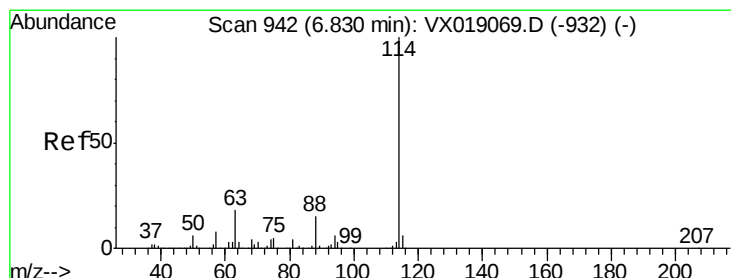
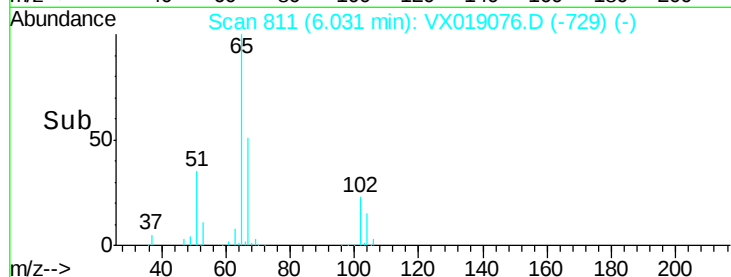
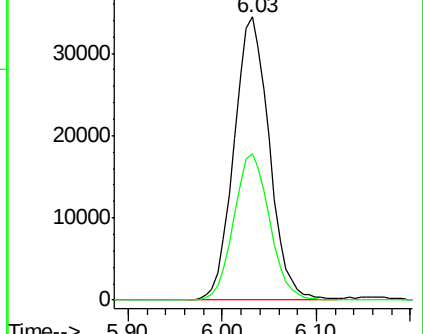
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

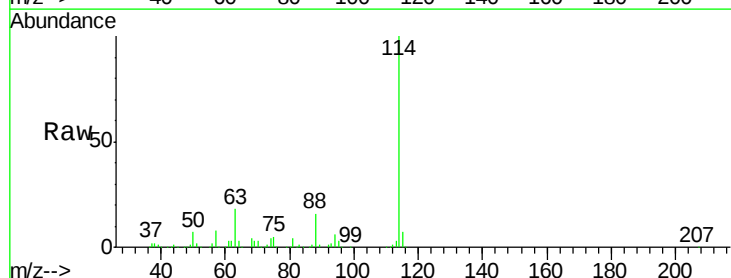
Tgt Ion: 114 Resp: 243899

Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

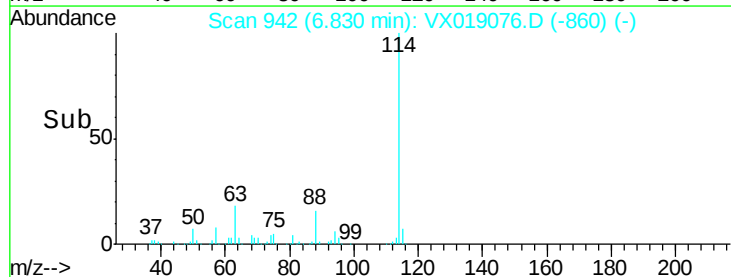
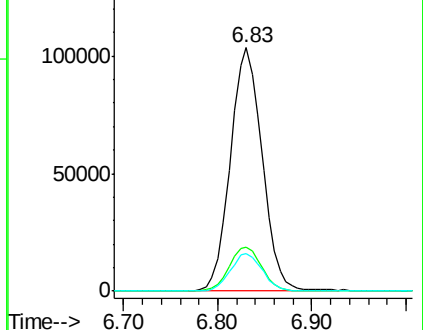
88 15.5 12.2 18.2

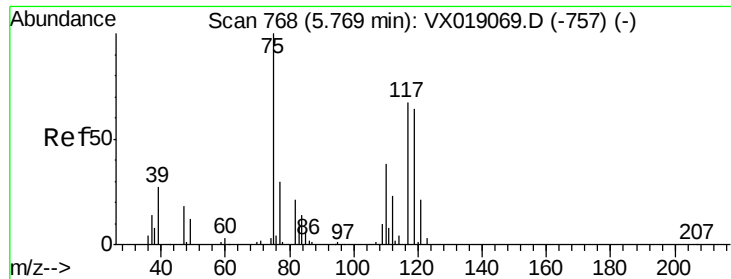


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





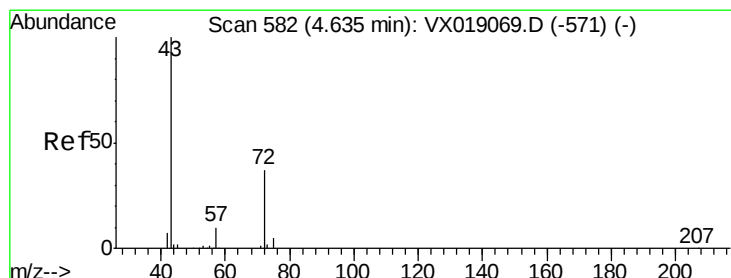
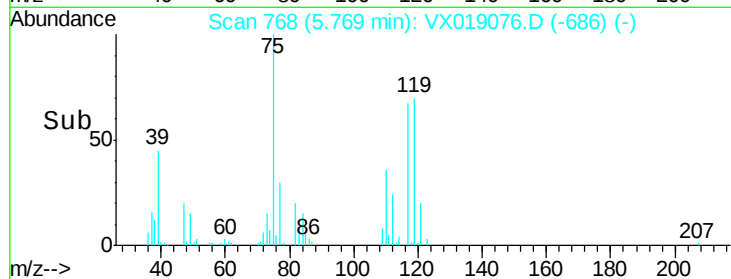
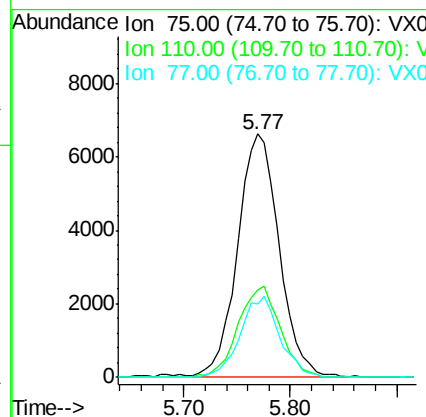
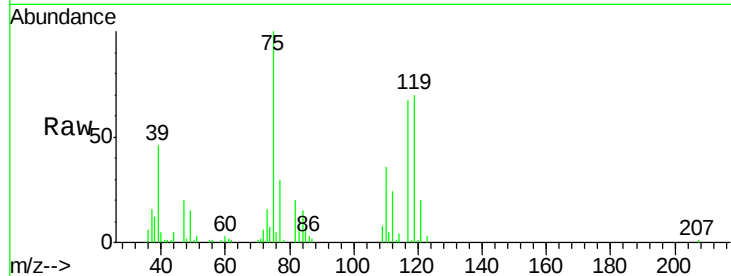
#29
 1,1-Dichloropropene
 Concen: 5.272 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	77.4
77	31.7	0.0	62.8

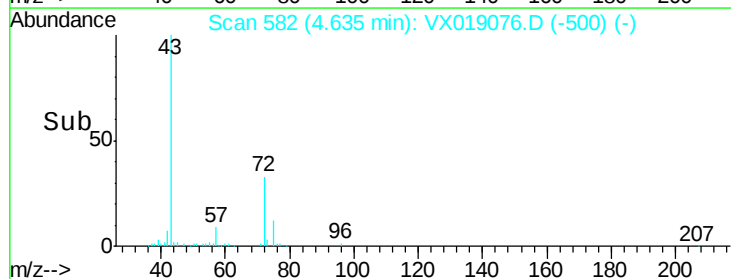
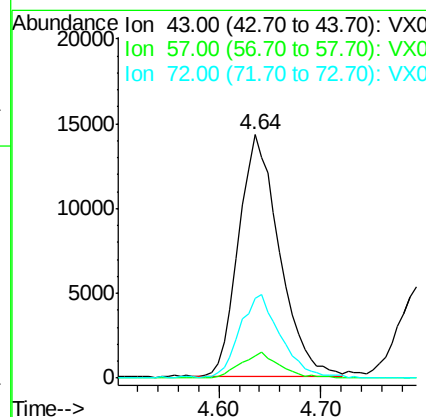
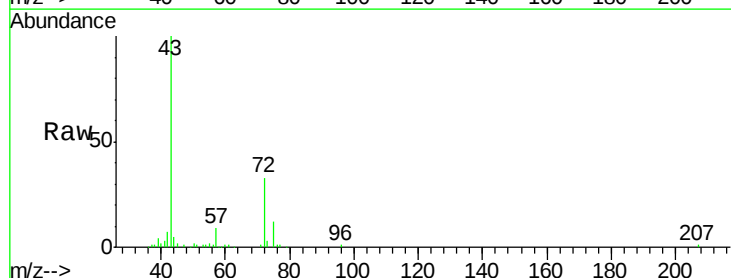
Manual Integrations
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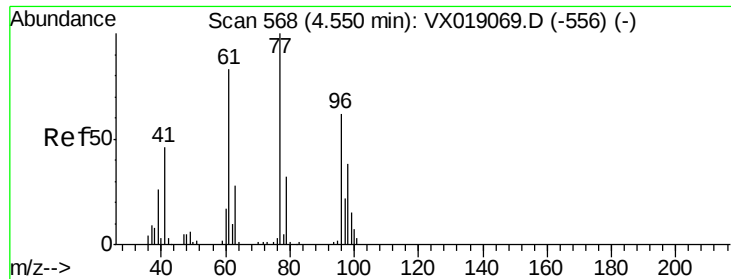
MMDadoda
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#30
 2-Butanone
 Concen: 29.041 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	34.4	28.1	42.1





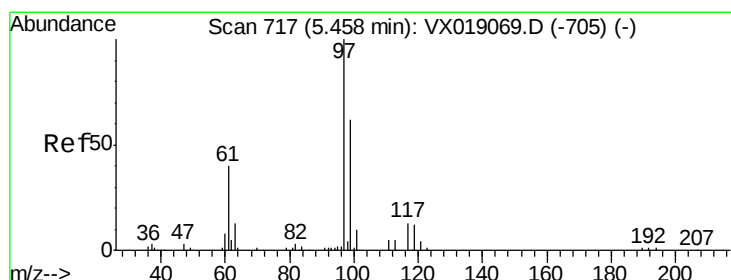
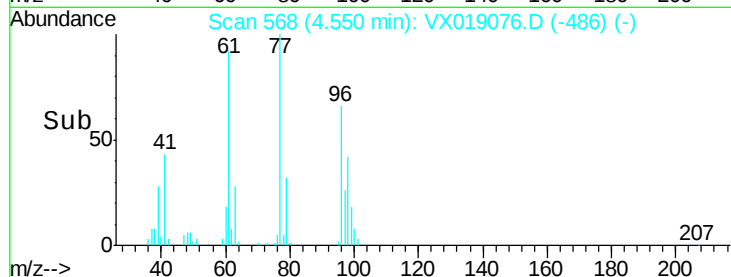
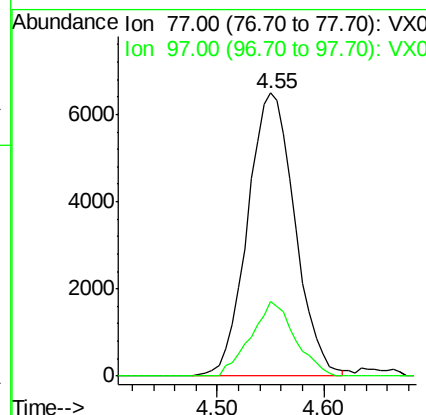
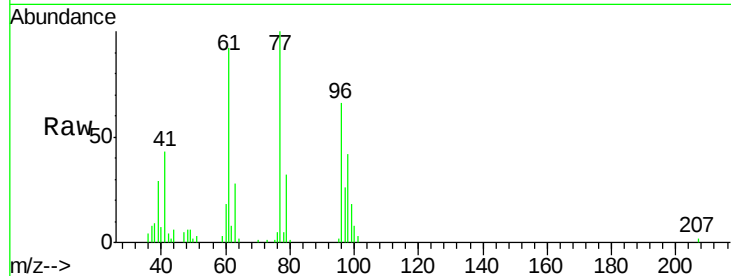
#31
 2,2-Dichloropropane
 Concen: 5.129 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 77 Resp: 20191
 Ion Ratio Lower Upper
 77 100
 97 24.6 19.2 28.8

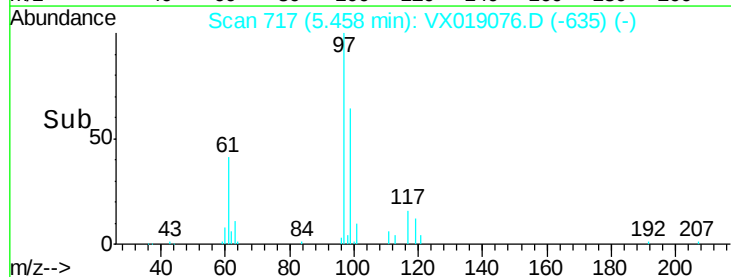
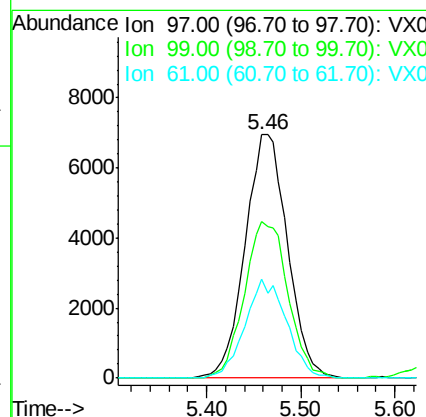
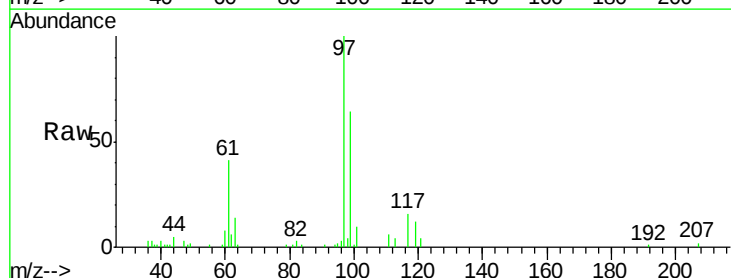
Manual Integrations
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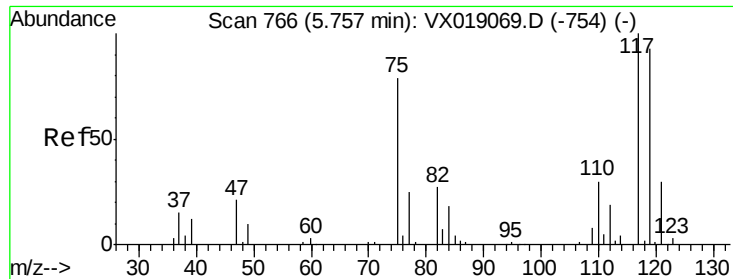
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#32
 1,1,1-Trichloroethane
 Concen: 5.292 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion: 97 Resp: 21887
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.0 76.6
 61 39.8 32.0 48.0





#33

Carbon Tetrachloride

Concen: 5.019 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

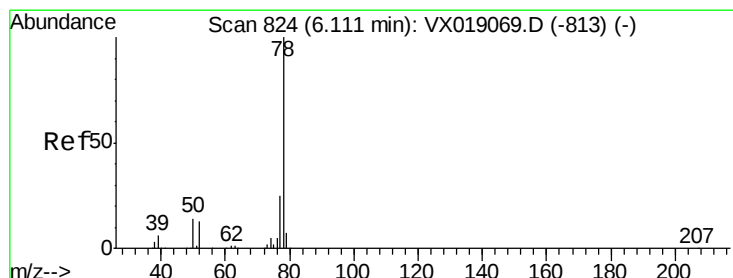
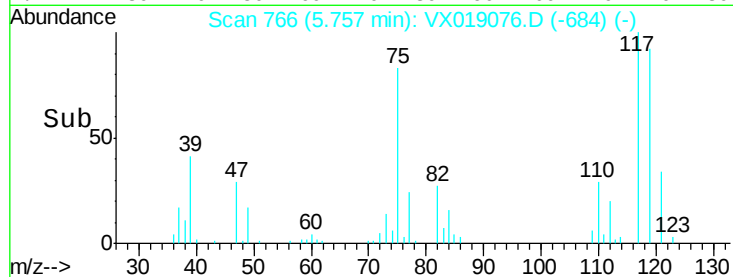
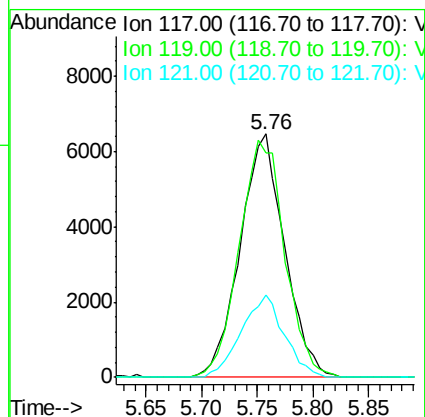
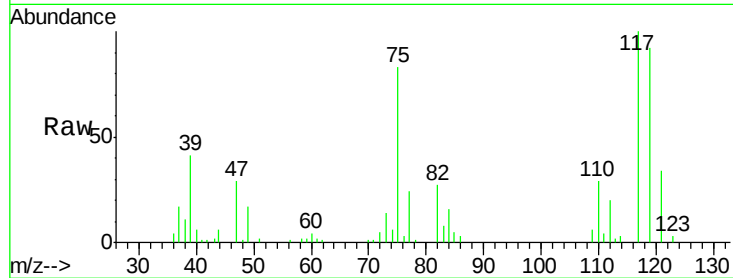
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.1	74.5	111.7
121	33.6	24.1	36.1

Manual Integrations
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#34

Benzene

Concen: 5.457 ug/l

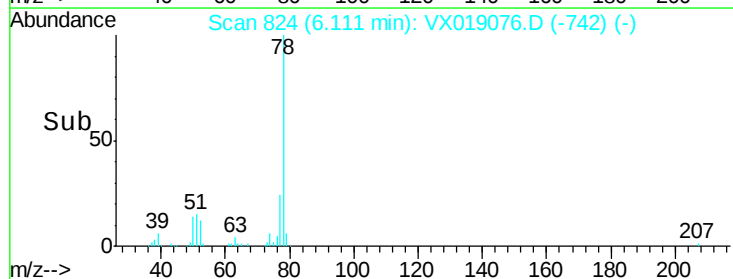
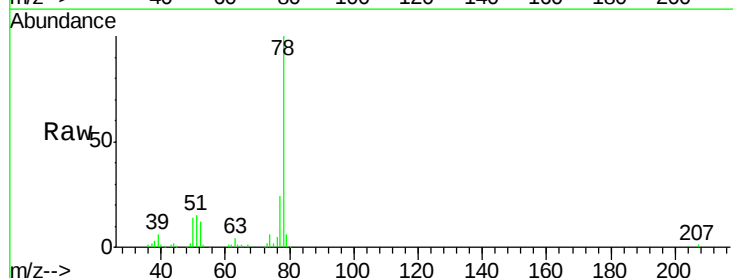
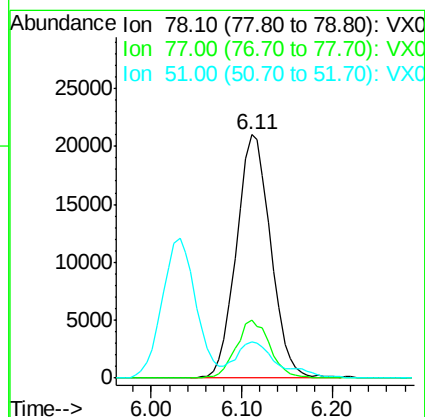
RT: 6.11 min Scan# 824

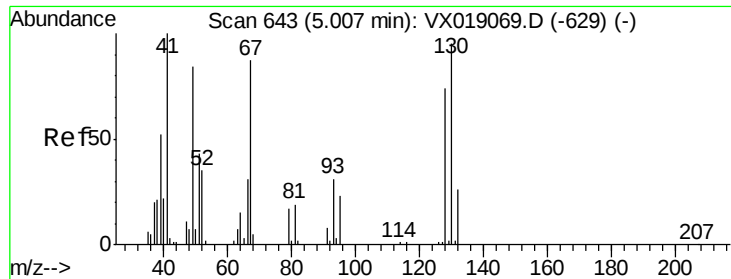
Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.1	30.1
51	14.3	11.0	16.4





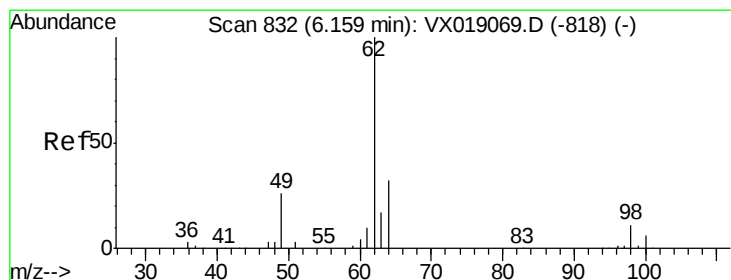
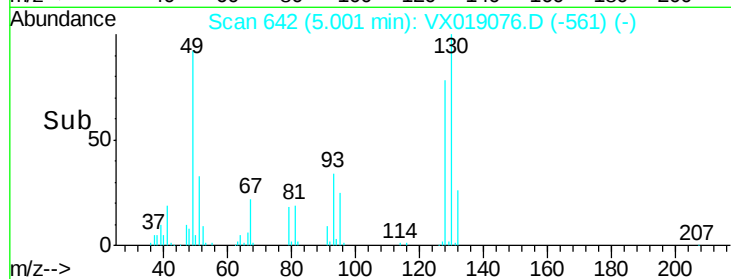
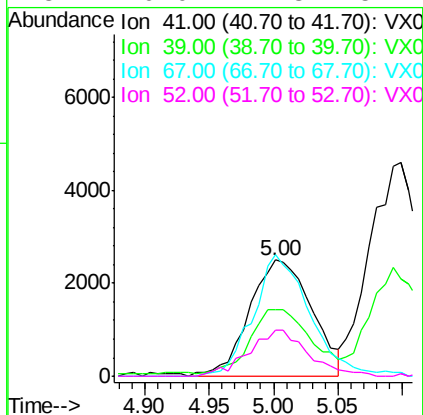
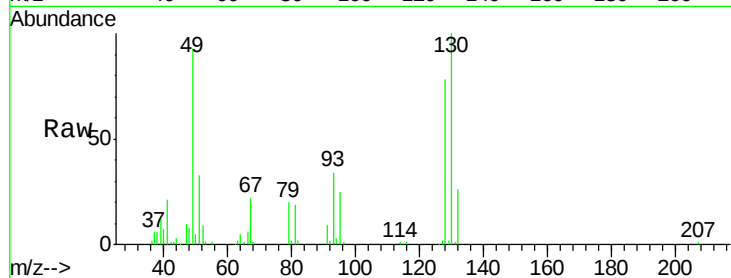
#35
Methacrylonitrile
Concen: 5.649 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	41	Resp:	8383
Ion	Ratio	Lower	Upper
41	100		
39	54.4	25.8	77.4
67	104.5	43.6	130.8
52	40.0	17.3	51.7

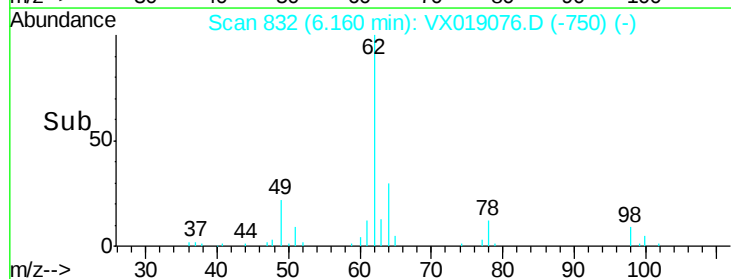
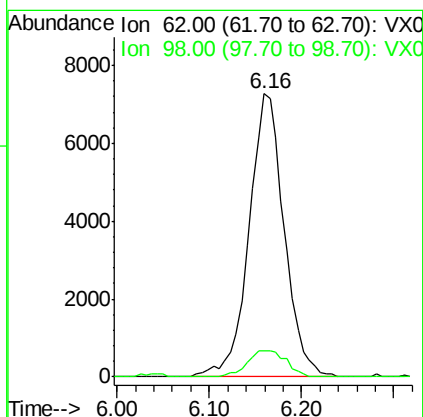
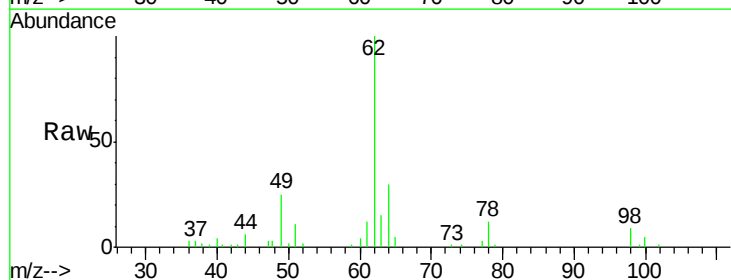
Manual Integrations
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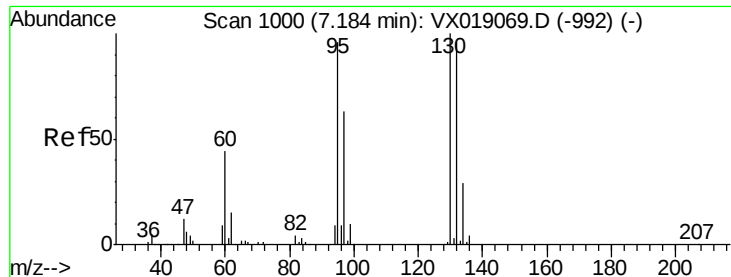
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#36
1,2-Dichloroethane
Concen: 5.525 ug/l m
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	62	Resp:	19187
Ion	Ratio	Lower	Upper
62	100		
98	0.2	8.4	12.6#





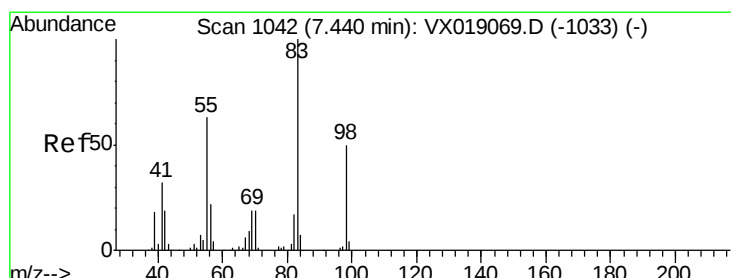
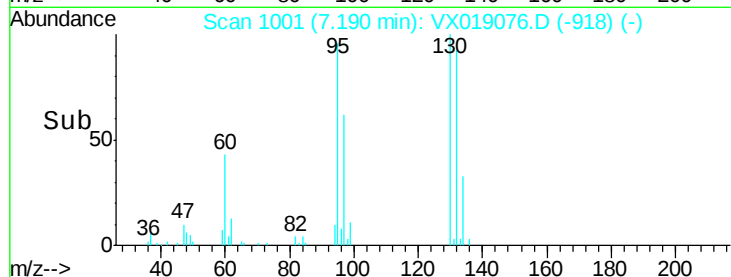
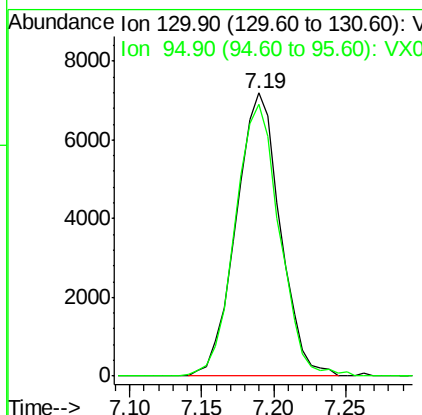
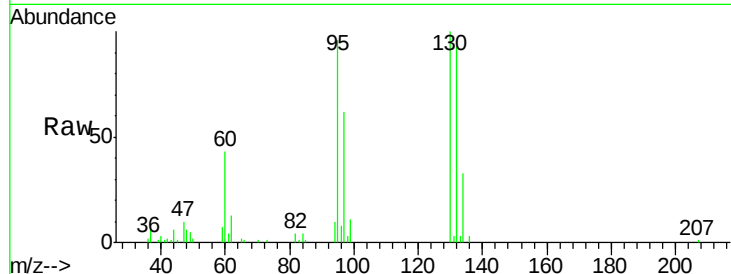
#37
 Trichloroethene
 Concen: 5.250 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:130 Resp: 15277
 Ion Ratio Lower Upper
 130 100
 95 95.2 76.8 115.2

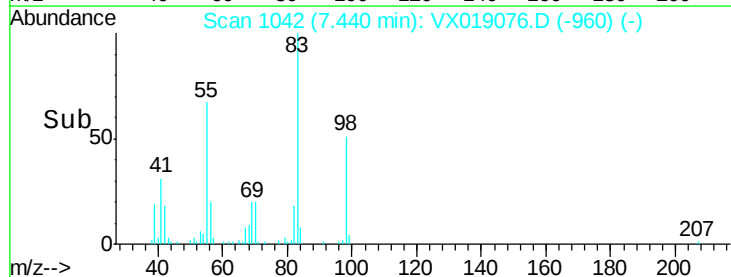
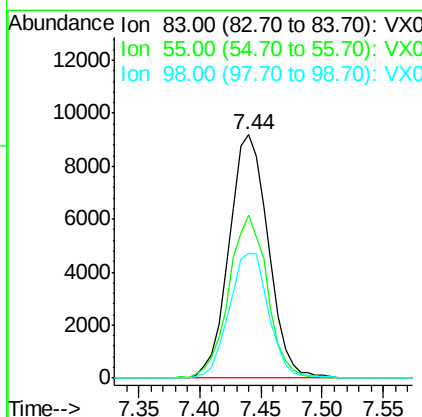
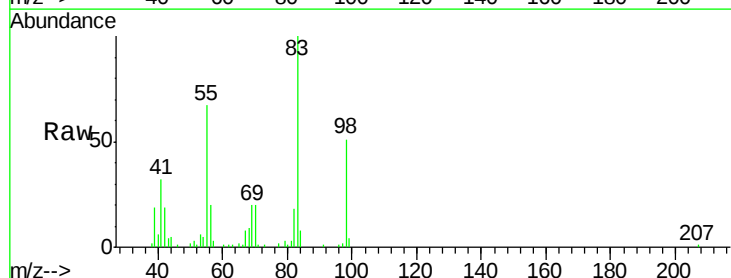
Manual Integrations
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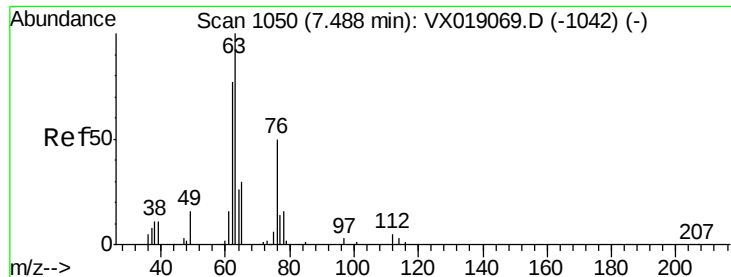
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#38
 Methylcyclohexane
 Concen: 5.291 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion: 83 Resp: 20408
 Ion Ratio Lower Upper
 83 100
 55 65.5 32.3 96.8
 98 51.5 25.7 77.1





#39

1,2-Dichloropropane

Concen: 5.373 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 63 Resp: 12626

Ion Ratio Lower Upper

63 100

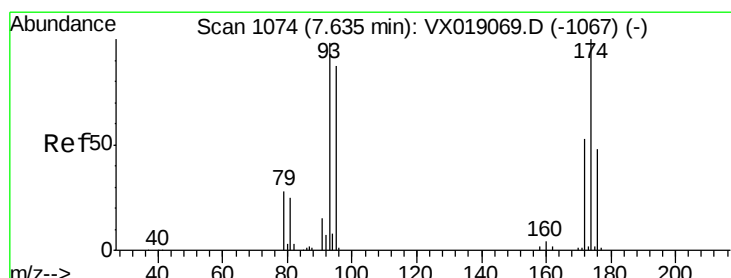
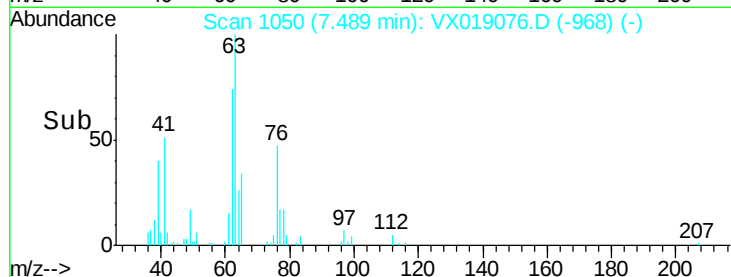
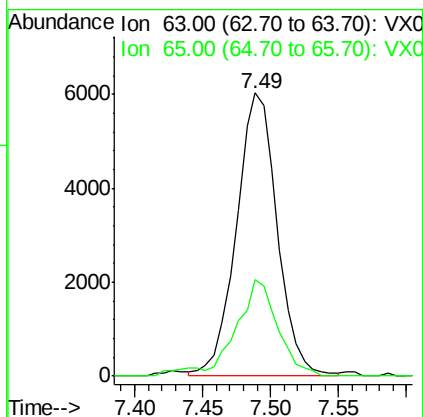
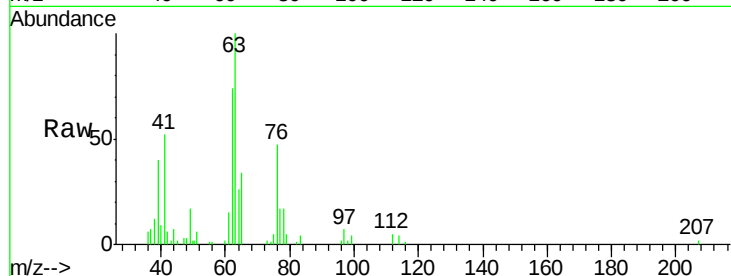
65 34.3 25.8 38.8

Manual Integrations

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#40

Dibromomethane

Concen: 5.499 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

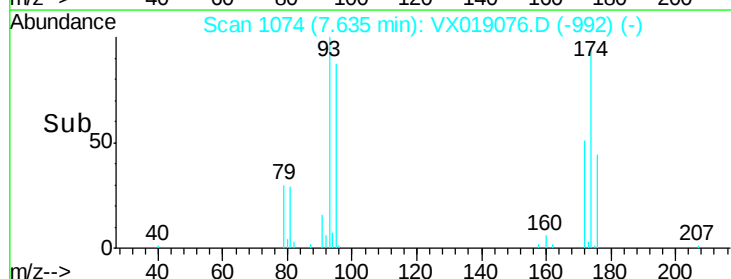
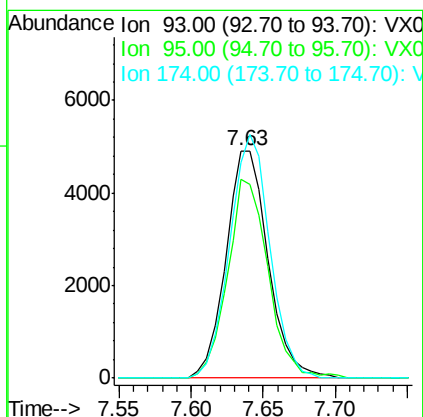
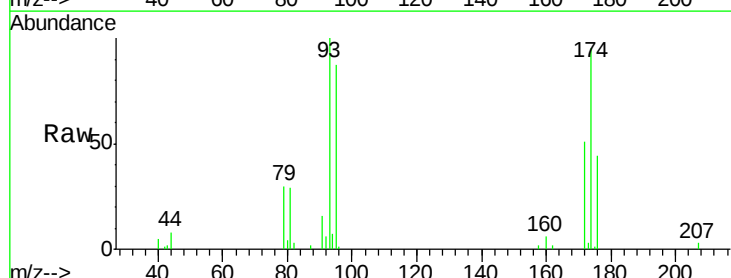
Tgt Ion: 93 Resp: 10030

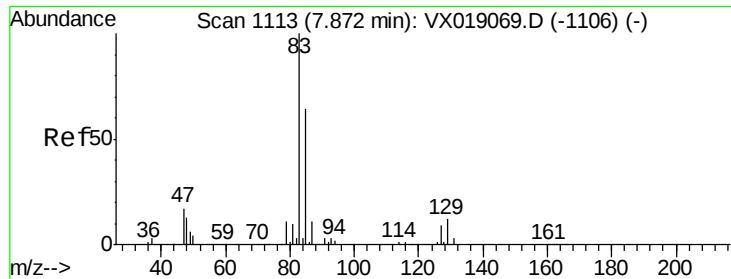
Ion Ratio Lower Upper

93 100

95 83.4 0.0 169.0

174 102.2 0.0 205.4





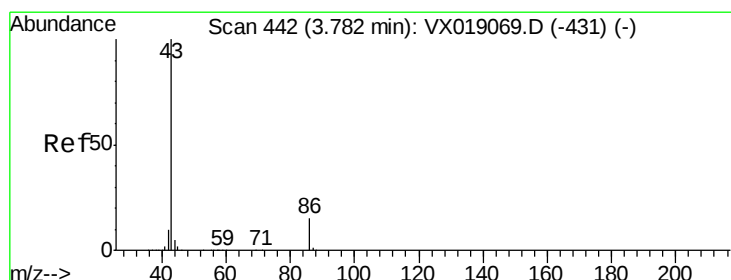
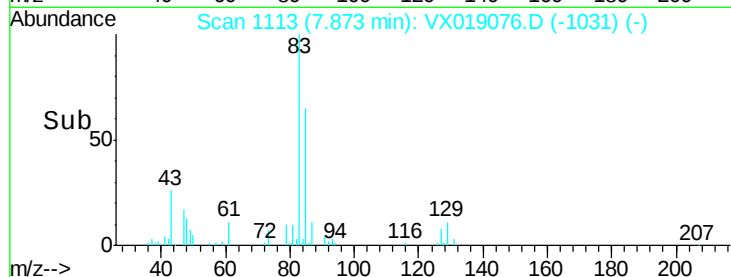
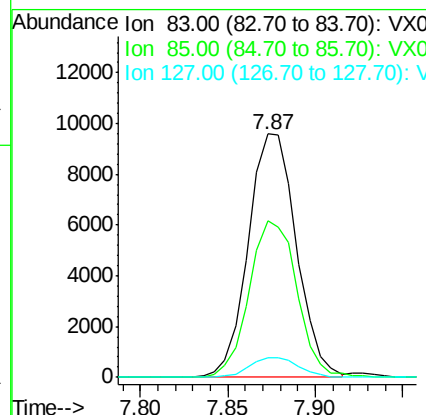
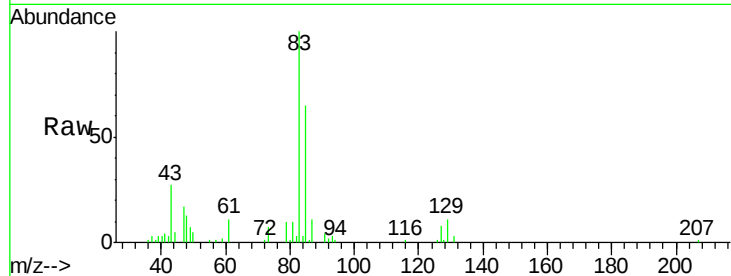
#41
 Bromodichloromethane
 Concen: 5.114 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	83	Resp	18439
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	51.2	76.8
127	8.2	7.1	10.7

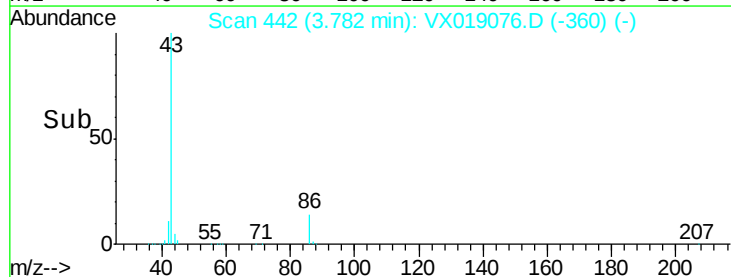
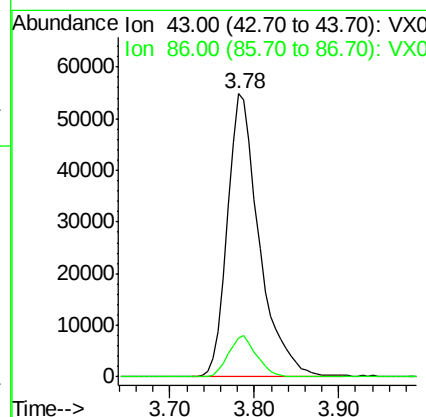
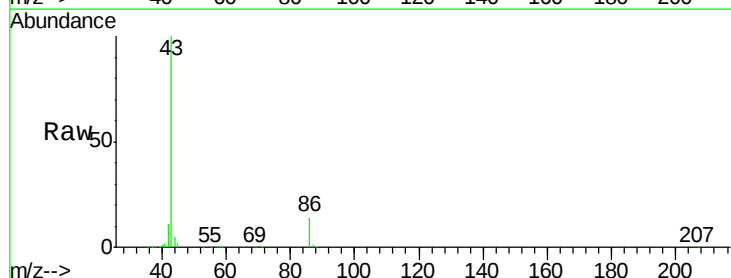
Manual Integrations
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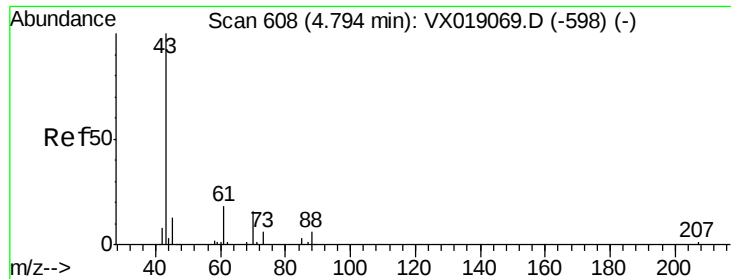
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#42
 Vinyl Acetate
 Concen: 26.418 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	43	Resp	140902
Ion Ratio	100	Lower	Upper
43	100		
86	13.1	10.6	15.8





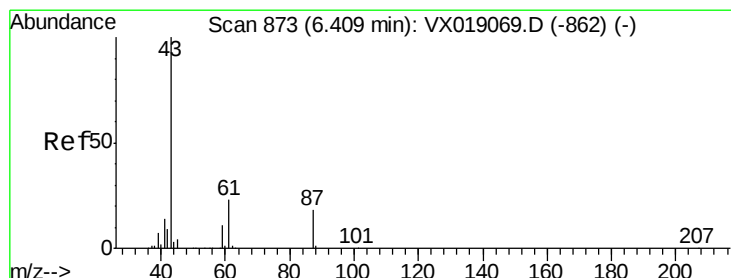
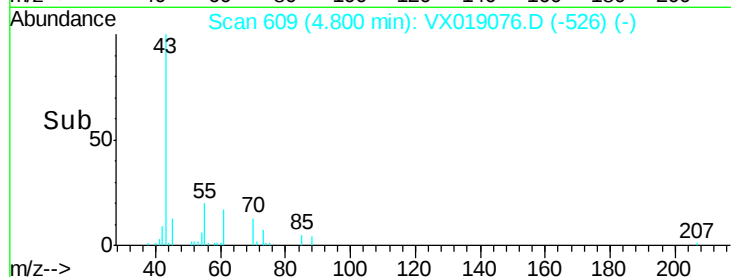
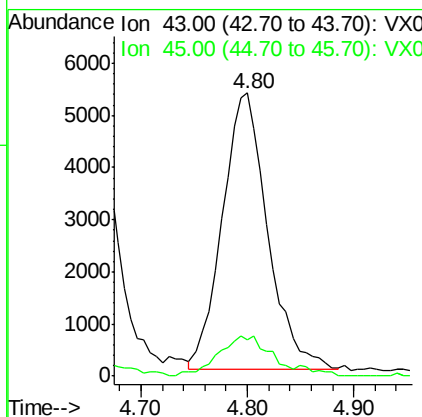
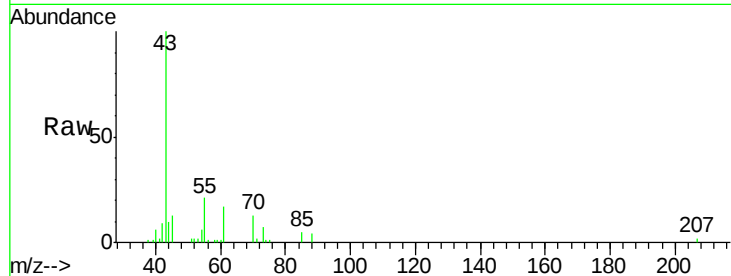
#43
Ethyl Acetate
Concen: 5.459 ug/l m
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 15698
Ion Ratio Lower Upper
43 100
45 0.4 12.7 19.1#

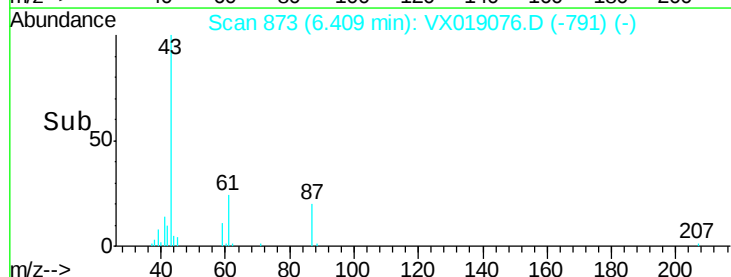
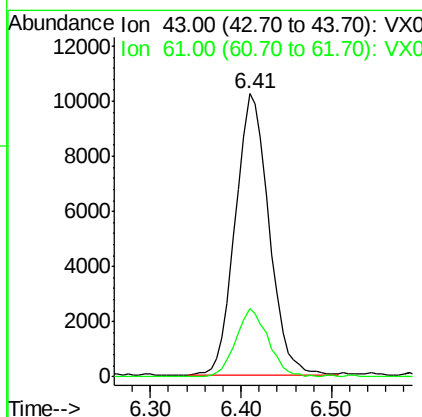
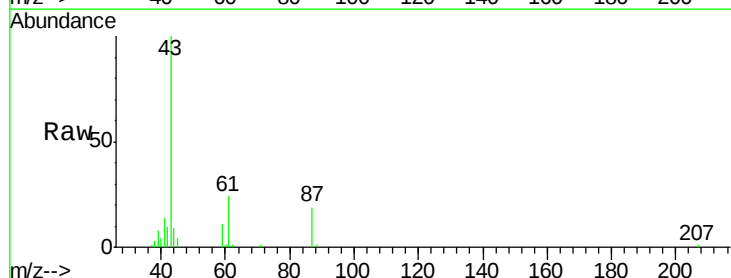
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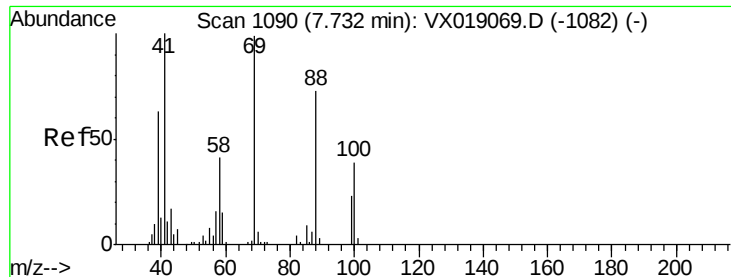
MMDadoda
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#44
Isopropyl Acetate
Concen: 5.454 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion: 43 Resp: 26260
Ion Ratio Lower Upper
43 100
61 23.3 19.1 28.7





#45

1,4-Dioxane

Concen: 110.328 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

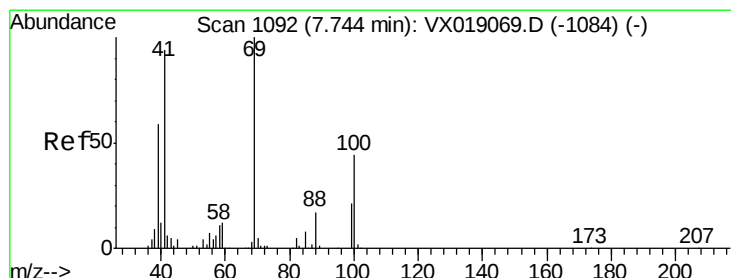
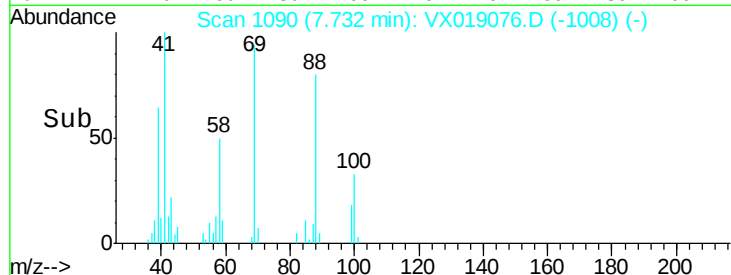
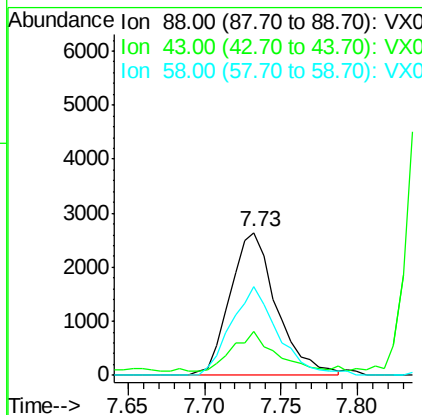
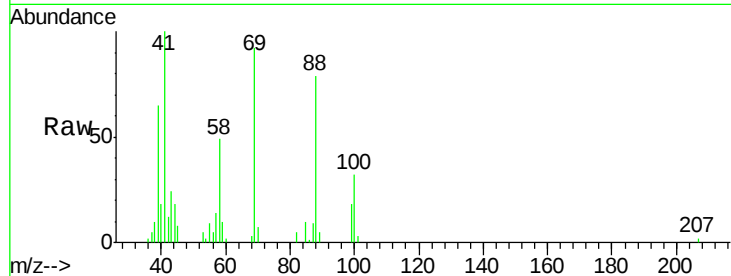
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	88	Resp:	5584
Ion	Ratio	Lower	Upper
88	100		
43	24.4	20.5	30.7
58	61.9	47.4	71.2

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#46

Methyl methacrylate

Concen: 5.326 ug/l

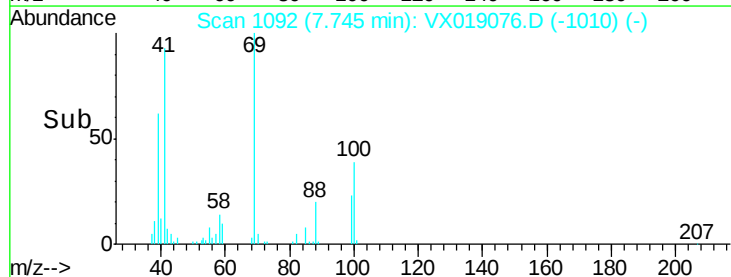
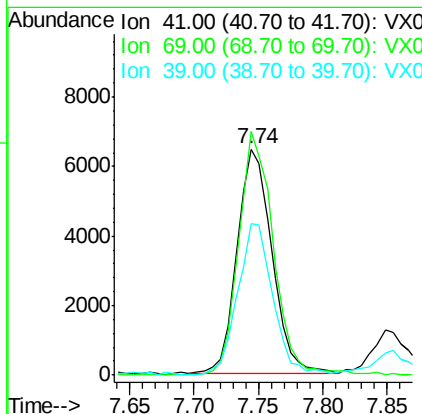
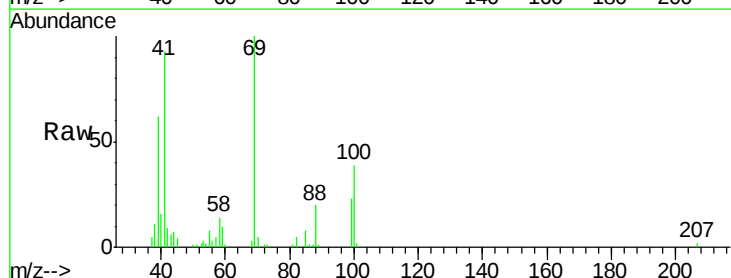
RT: 7.74 min Scan# 1092

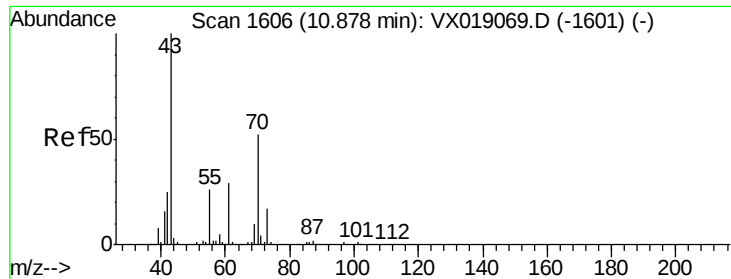
Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Tgt Ion:	41	Resp:	12138
Ion	Ratio	Lower	Upper
41	100		
69	108.7	53.1	159.4
39	67.4	31.3	93.9





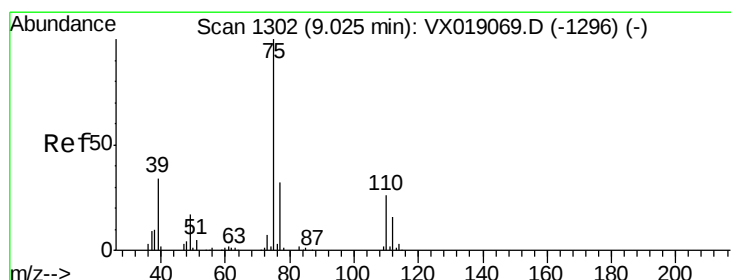
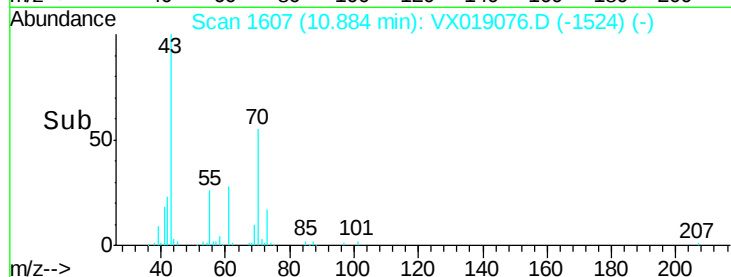
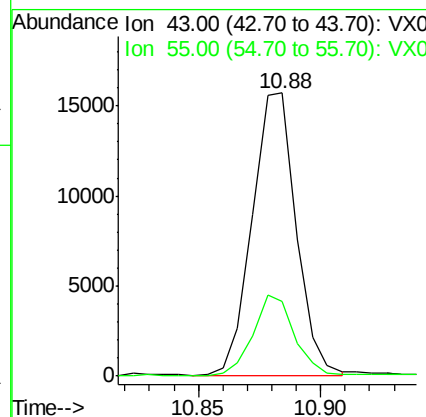
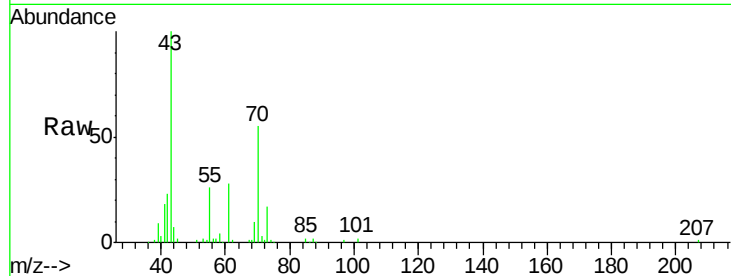
#47
n-amvl Acetate
Concen: 5.106 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 19723
Ion Ratio Lower Upper
43 100
55 27.4 21.5 32.3

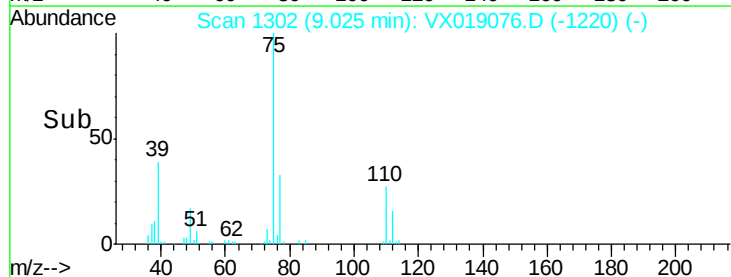
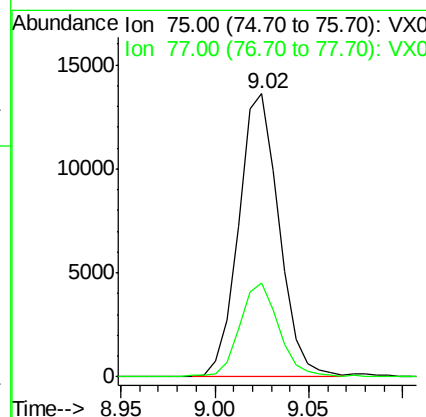
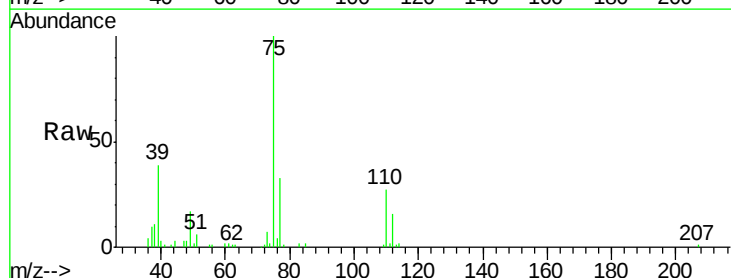
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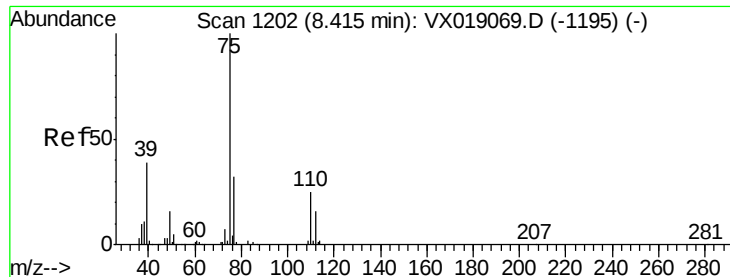
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#48
t-1,3-Dichloropropene
Concen: 5.017 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion: 75 Resp: 20254
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9





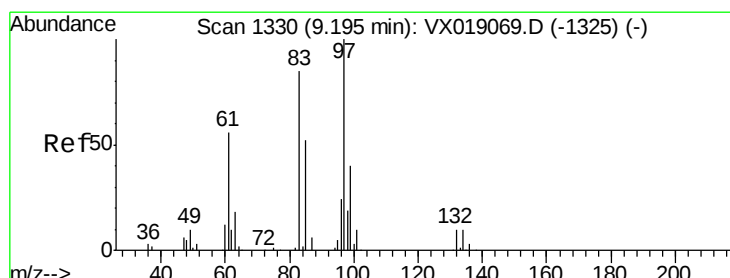
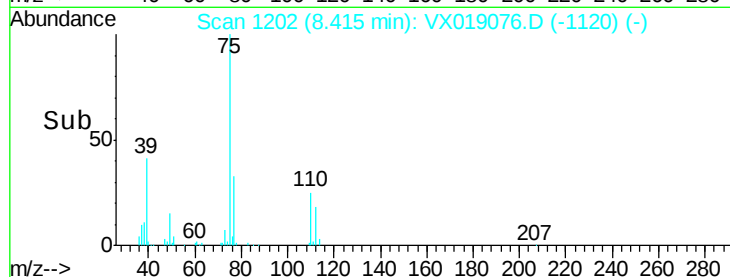
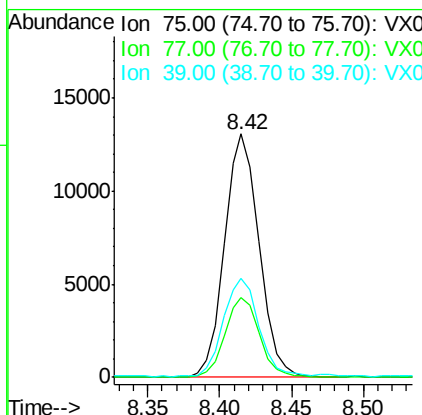
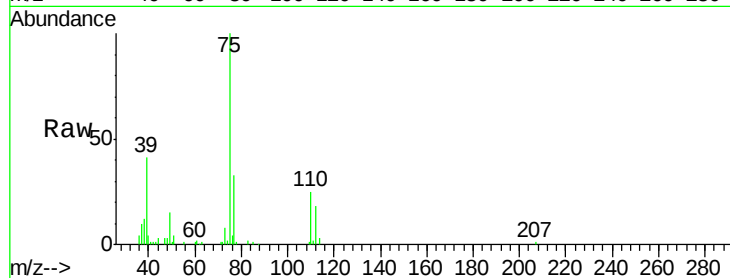
#49
 cis-1,3-Dichloropropene
 Concen: 5.101 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
39	40.0	31.0	46.6

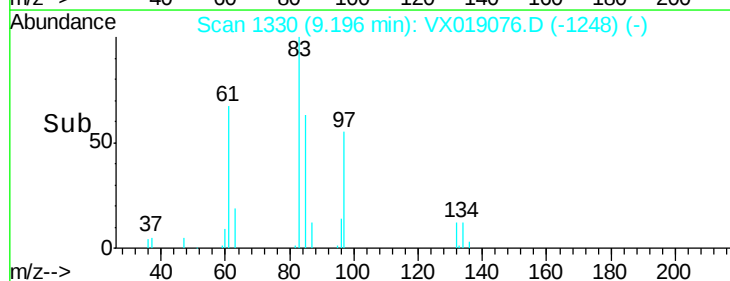
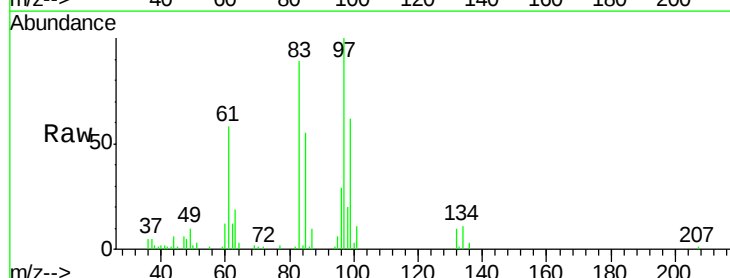
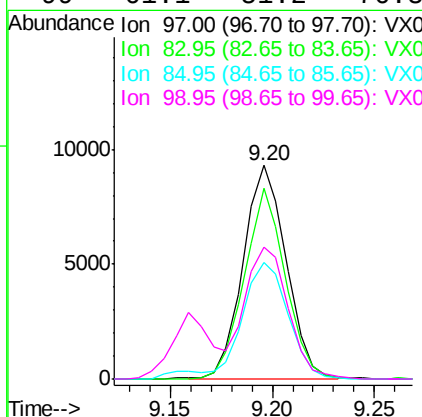
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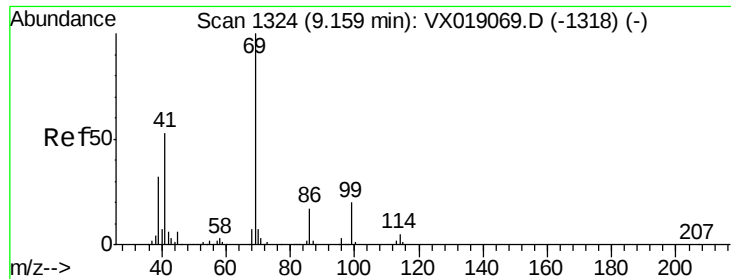
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#50
 1,1,2-Trichloroethane
 Concen: 5.172 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.8	101.6
85	54.1	43.5	65.3
99	61.1	51.2	76.8





#51

Ethyl methacrylate

Concen: 5.239 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

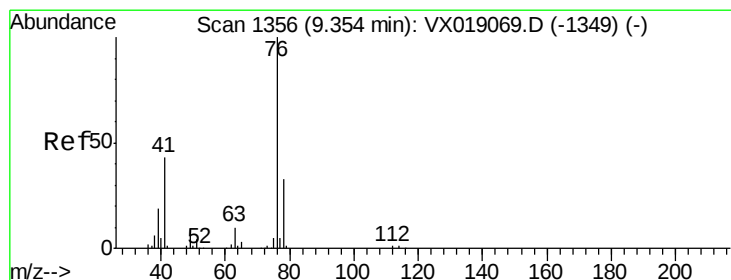
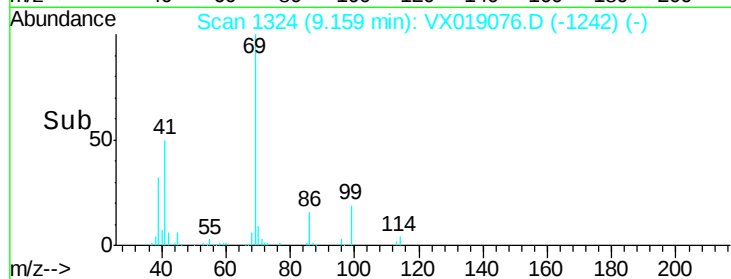
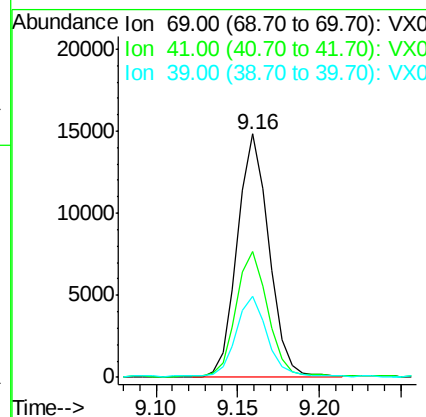
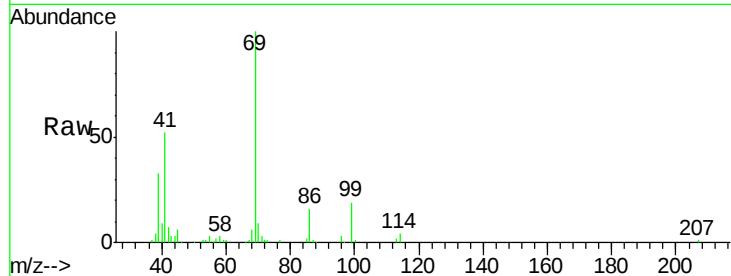
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	69	Resp:	20194
Ion	Ratio	Lower	Upper
69	100		
41	51.3	26.5	79.4
39	33.0	16.2	48.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 5.470 ug/l

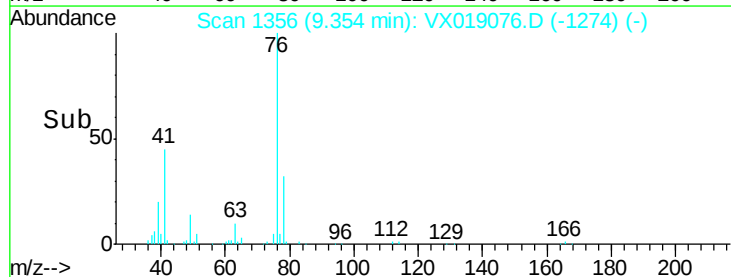
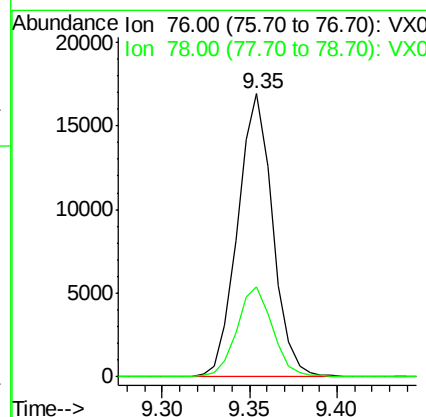
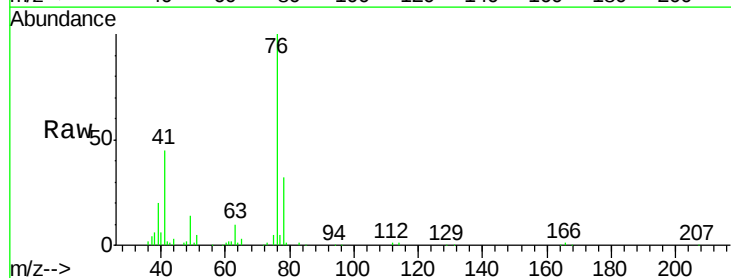
RT: 9.35 min Scan# 1356

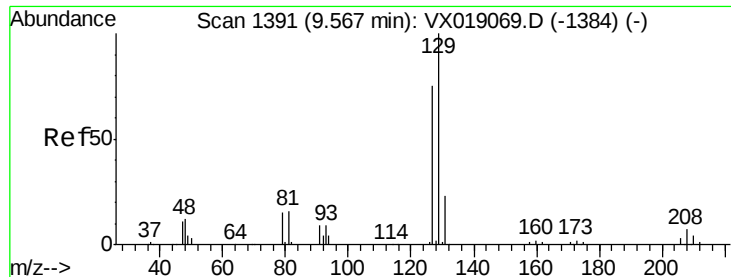
Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Tgt Ion:	76	Resp:	23541
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.2





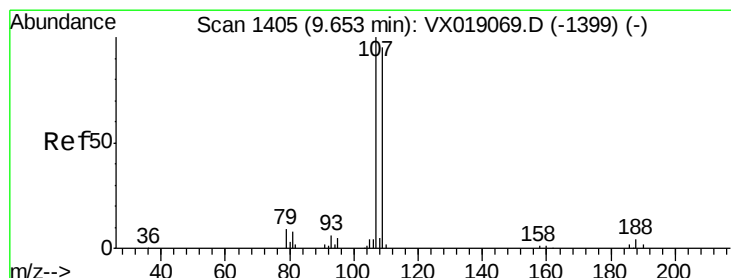
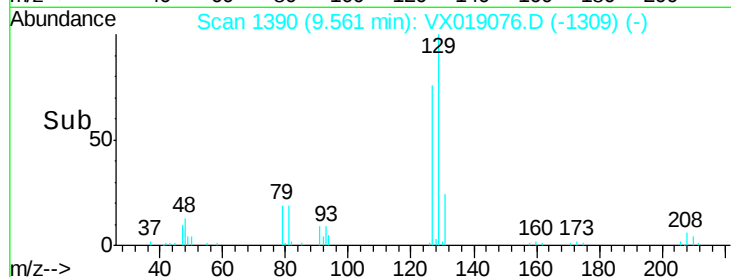
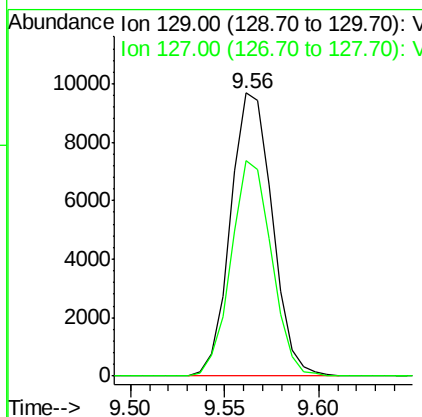
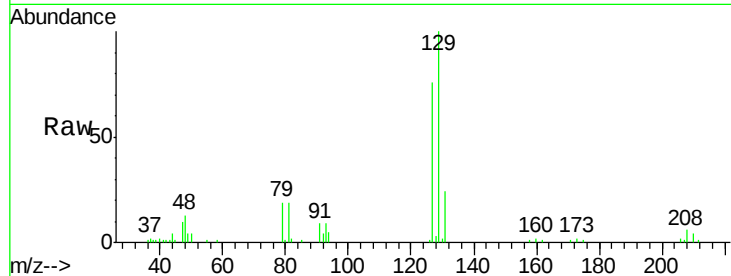
#53
 Dibromochloromethane
 Concen: 5.058 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:129 Resp: 14873
 Ion Ratio Lower Upper
 129 100
 127 73.8 38.4 115.1

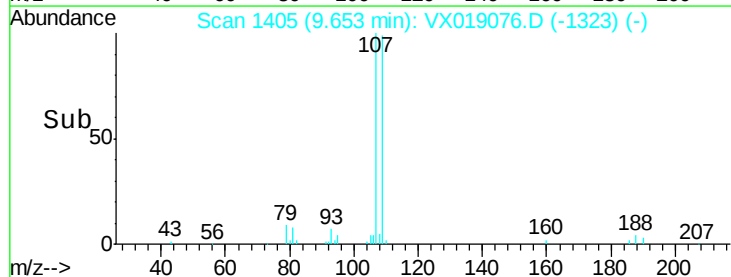
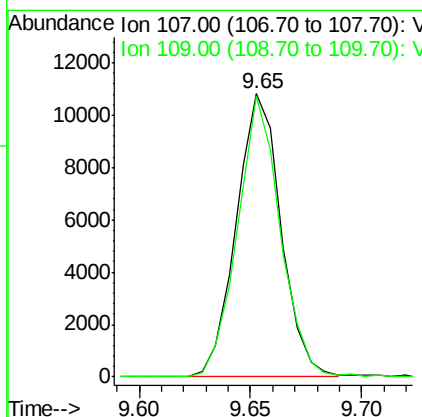
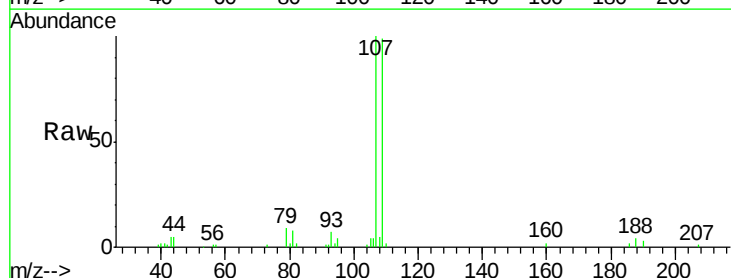
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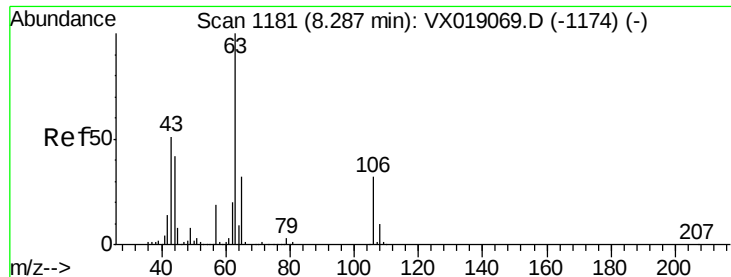
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#54
 1,2-Dibromoethane
 Concen: 5.276 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion:107 Resp: 15145
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.6 112.0





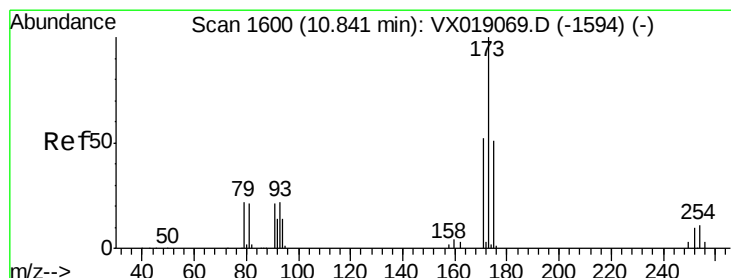
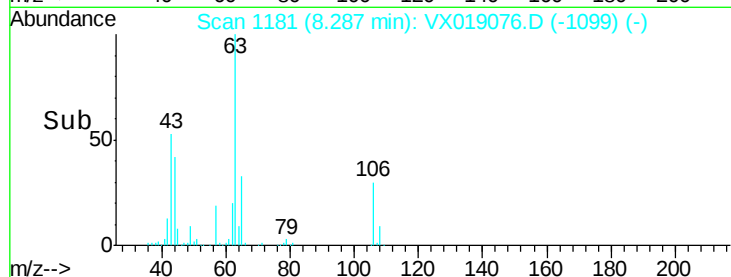
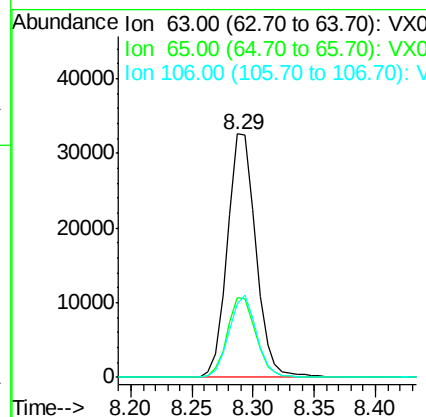
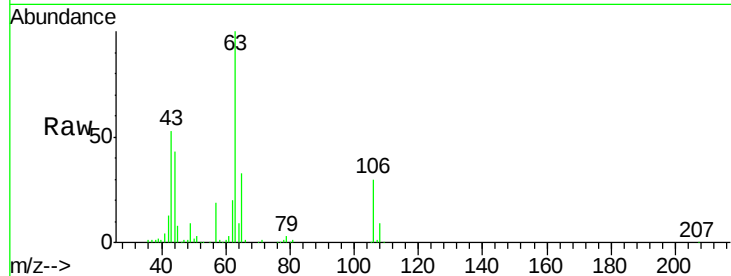
#55
2-Chloroethyl vinyl ether
Concen: 25.579 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	26.0	39.0
106	32.3	25.9	38.9

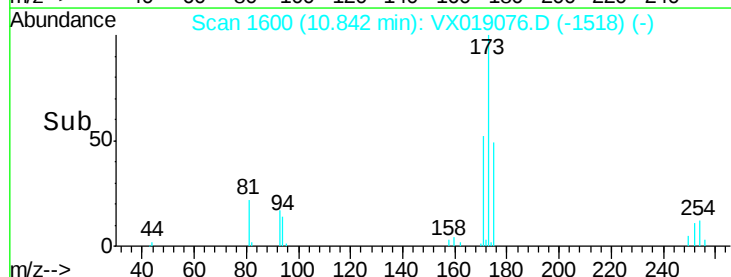
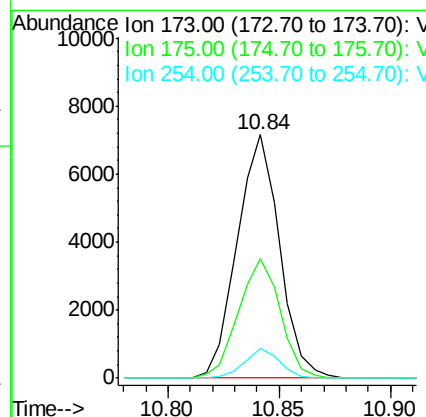
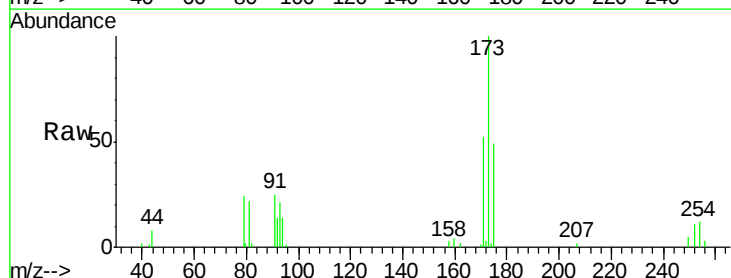
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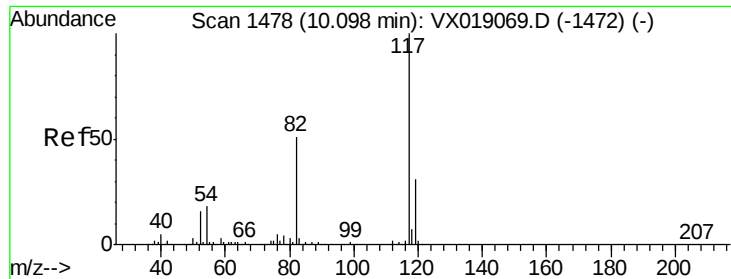
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#56
Bromoform
Concen: 4.612 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.6	59.4
254	10.4	8.6	13.0





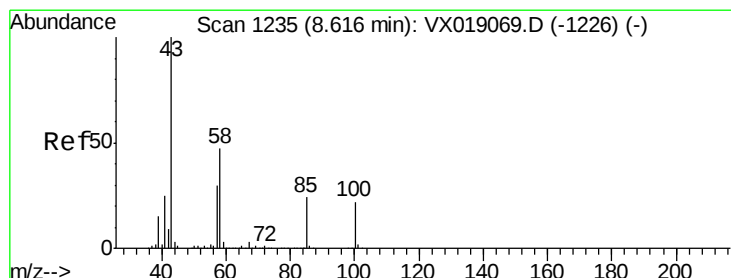
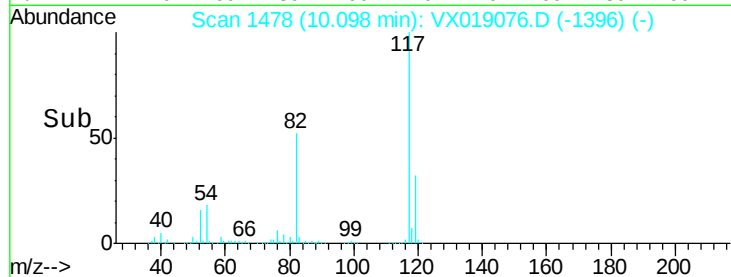
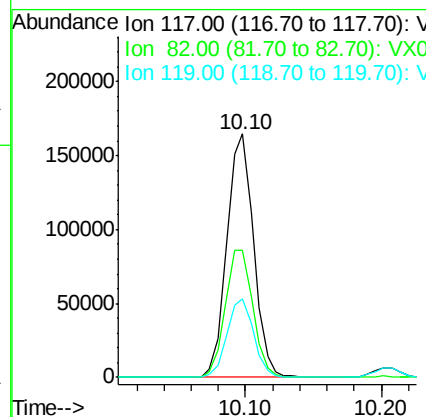
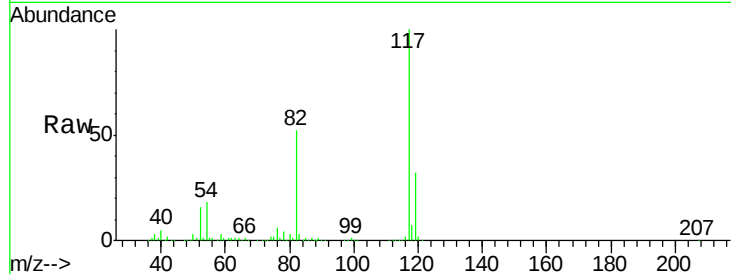
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	224598		
82	54.1	42.5	63.7	
119	32.1	25.6	38.4	

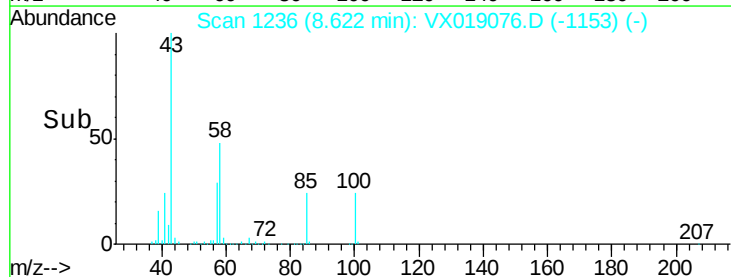
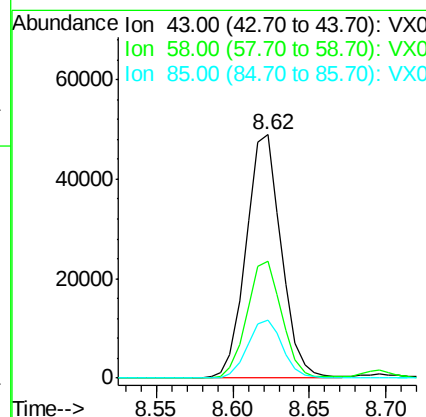
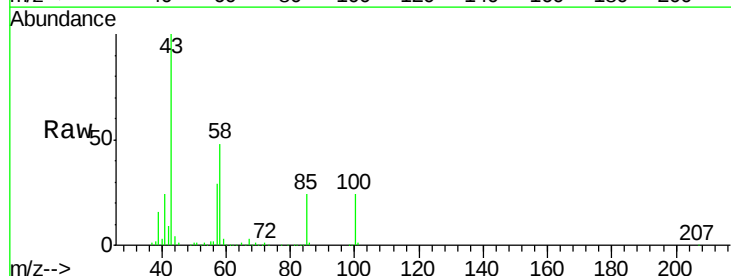
Manual Integrations
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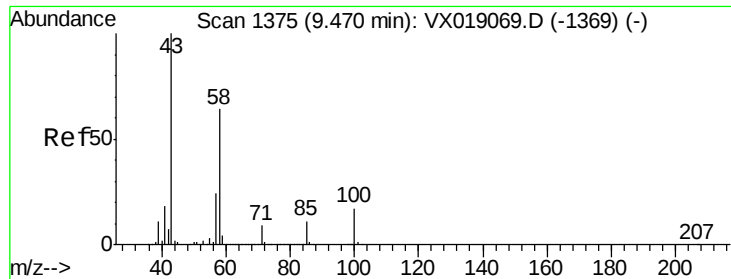
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 27.704 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	78468		
58	47.7	37.6	56.4	
85	23.7	19.4	29.2	





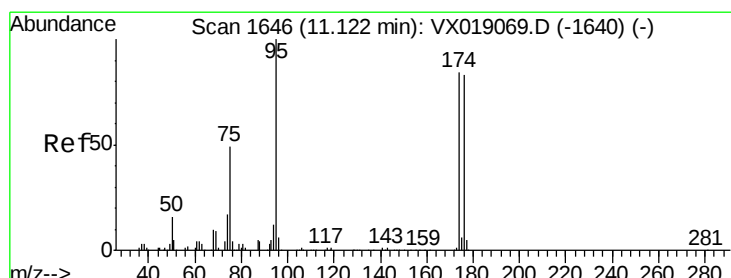
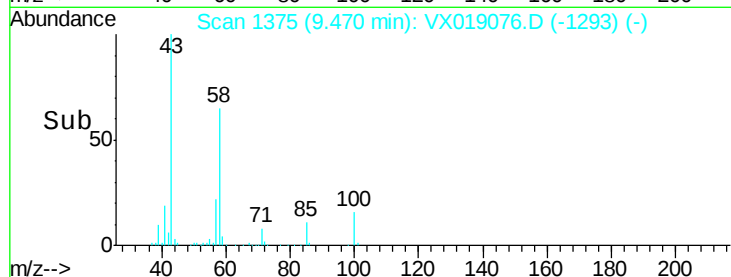
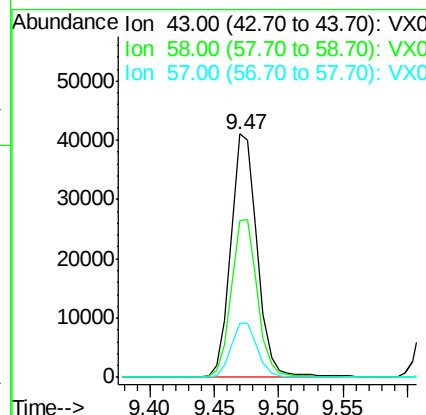
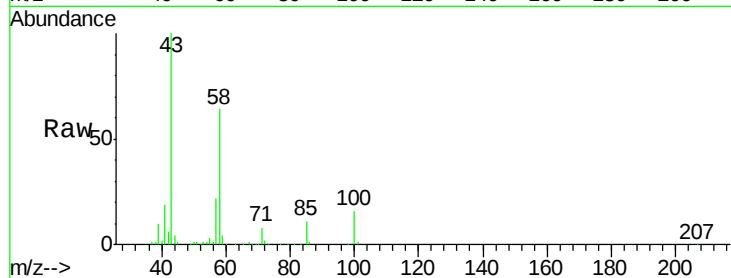
#59
2-Hexanone
Concen: 27.963 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
43	100		
58	64.8	51.9	77.9
57	22.6	18.2	27.4

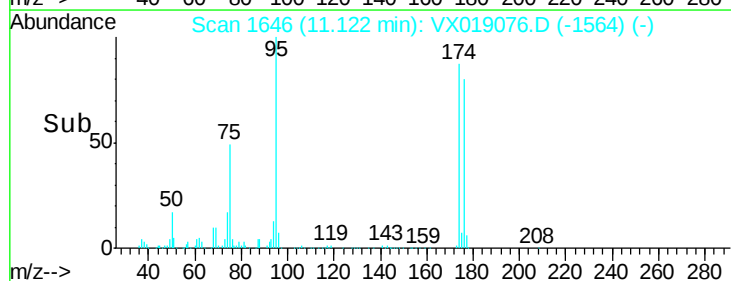
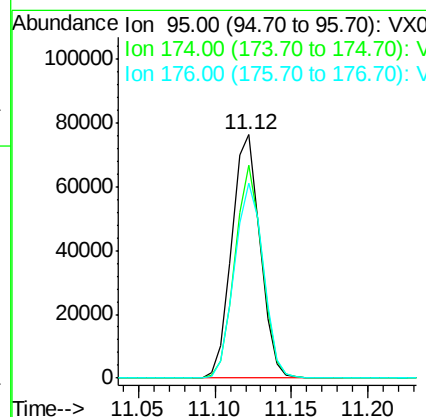
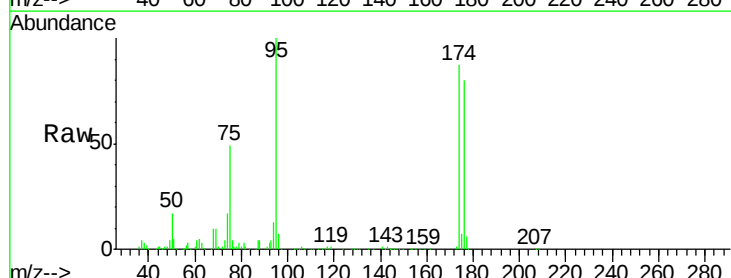
Manual Integrations
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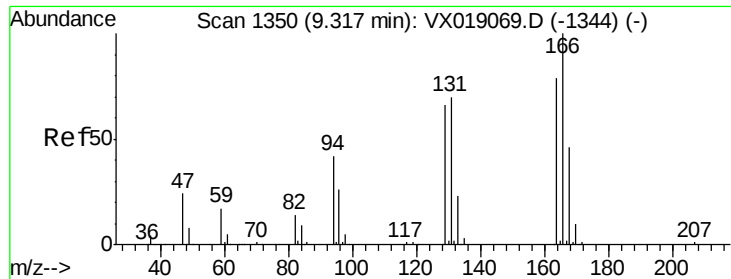
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.206 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	66.3	99.5
176	81.4	65.5	98.3





#61

Tetrachloroethene

Concen: 5.318 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:164 Resp: 14171

Ion Ratio Lower Upper

164 100

166 137.1 101.9 152.9

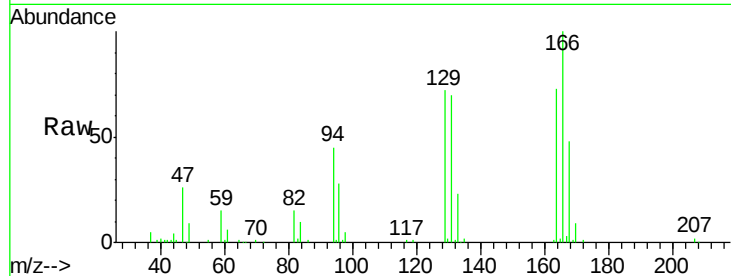
129 99.0 67.0 100.6

131 96.1 71.1 106.7

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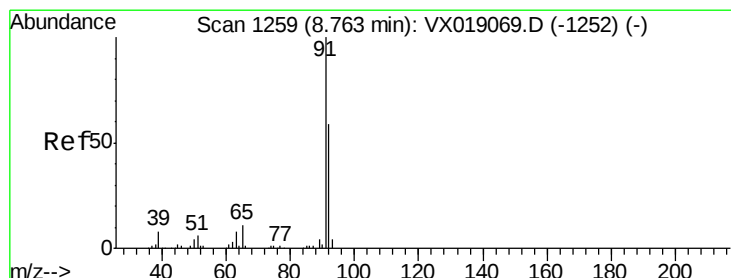
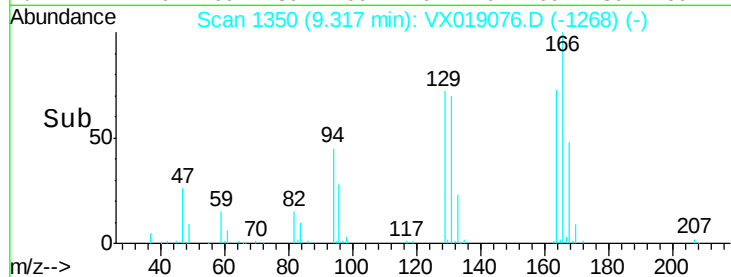
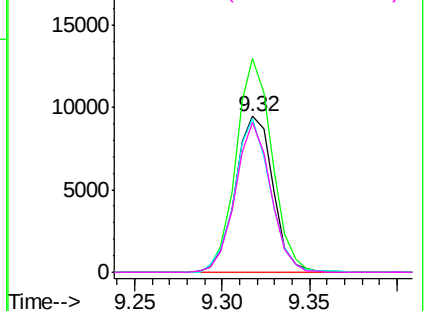


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.351 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019076.D

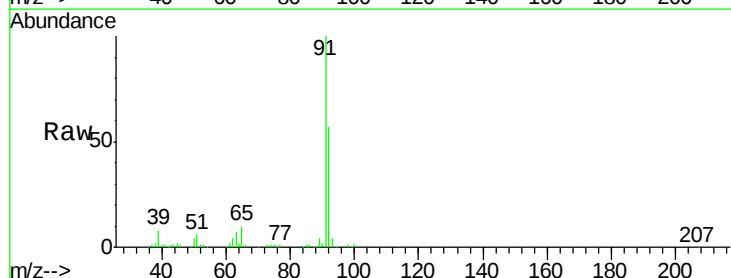
Acq: 23 Oct 2020 13:40

Tgt Ion: 91 Resp: 63159

Ion Ratio Lower Upper

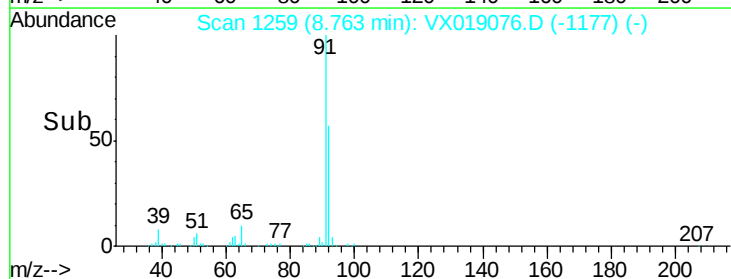
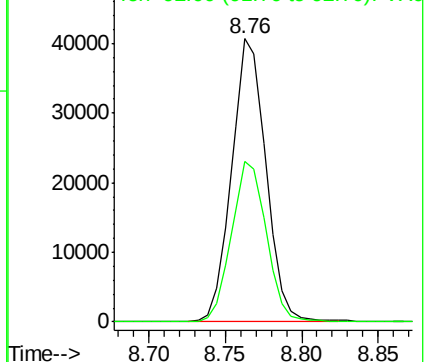
91 100

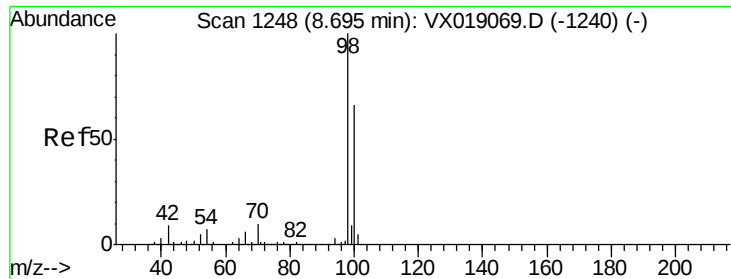
92 57.6 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.050 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 98 Resp: 297986

Ion Ratio Lower Upper

98 100

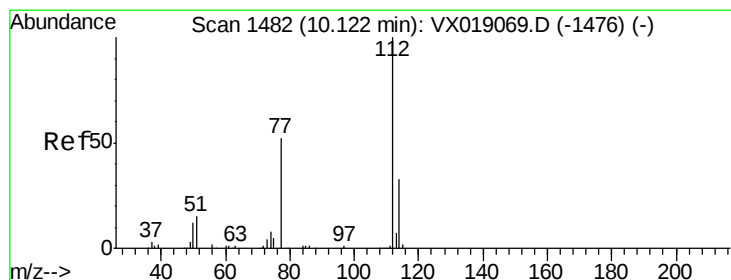
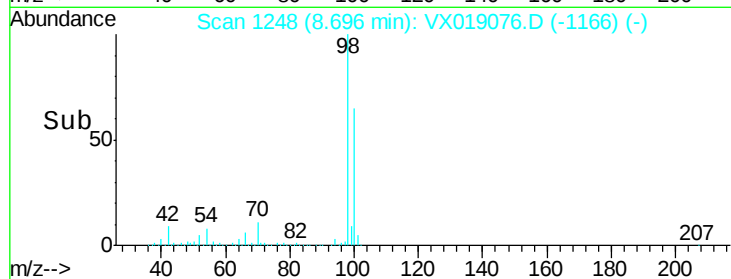
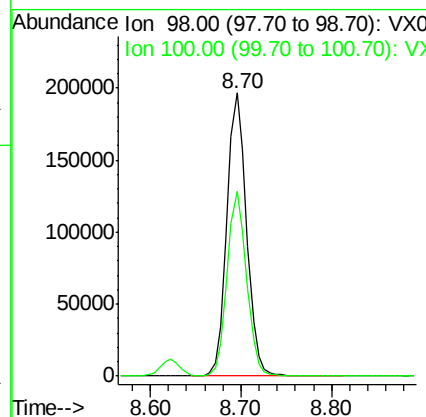
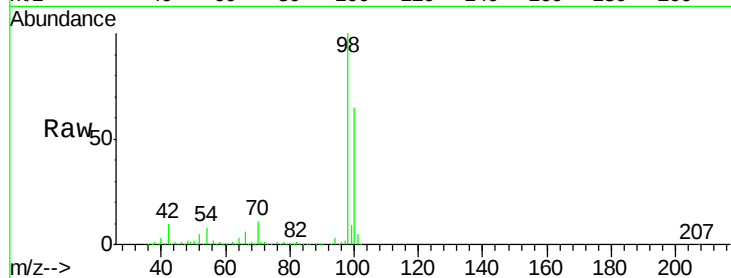
100 64.1 52.2 78.4

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#64

Chlorobenzene

Concen: 5.293 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019076.D

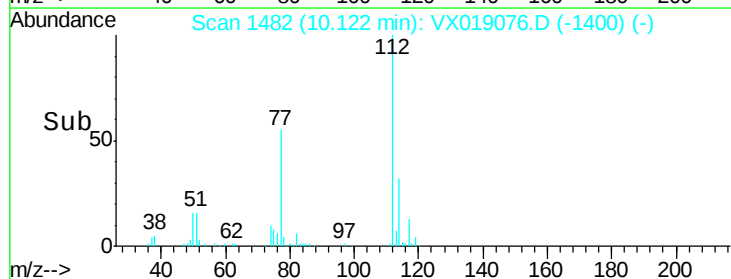
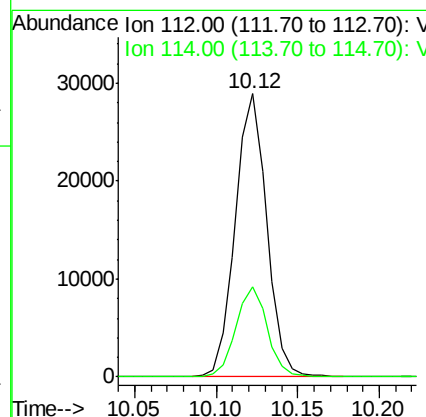
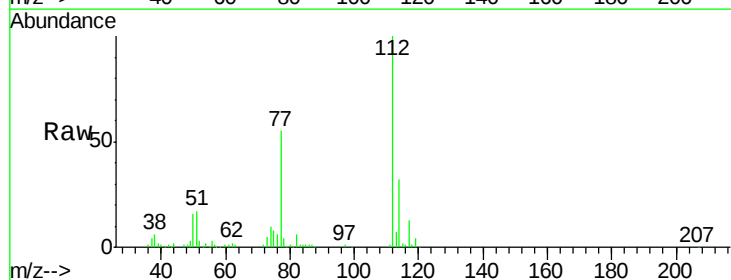
Acq: 23 Oct 2020 13:40

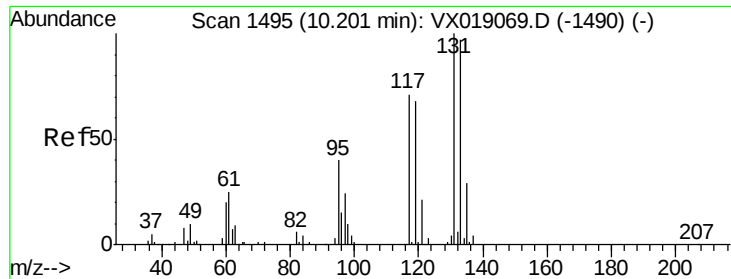
Tgt Ion: 112 Resp: 38837

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 5.115 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

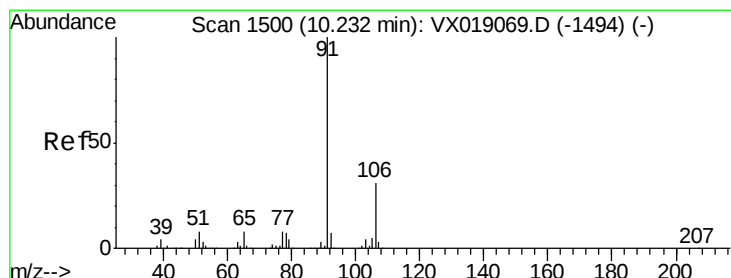
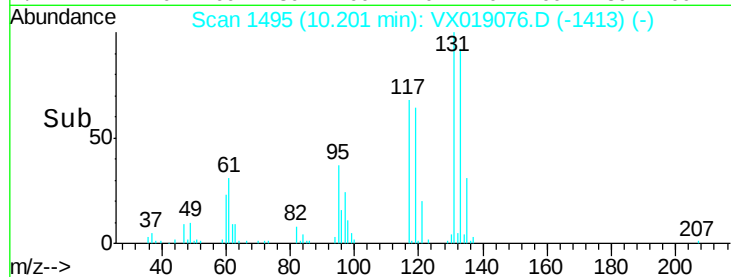
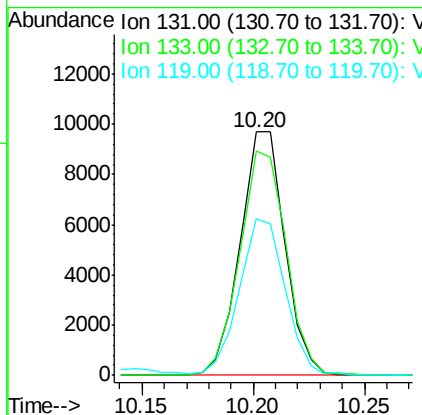
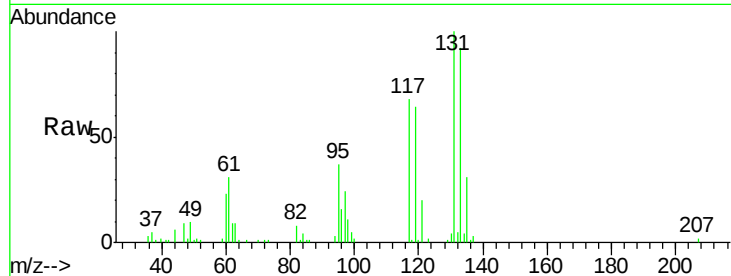
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	13649		
133	95.5	0.0	191.6	
119	66.0	0.0	130.0	

Manual Integrations
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#66

Ethyl Benzene

Concen: 5.350 ug/l

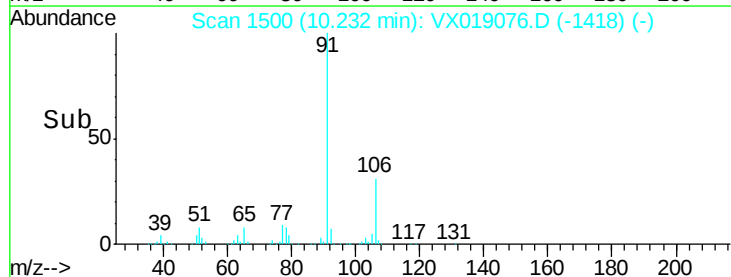
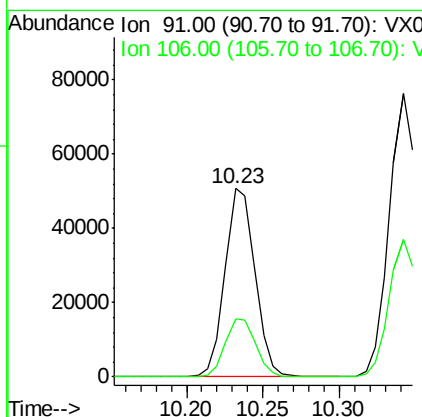
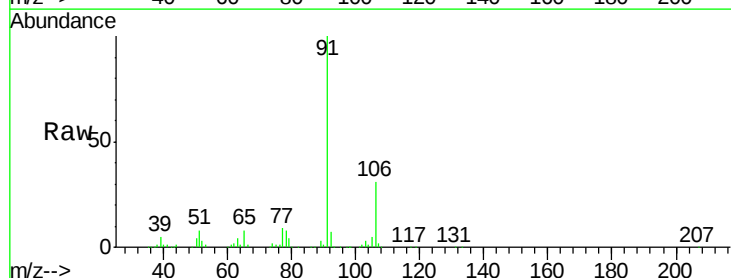
RT: 10.23 min Scan# 1500

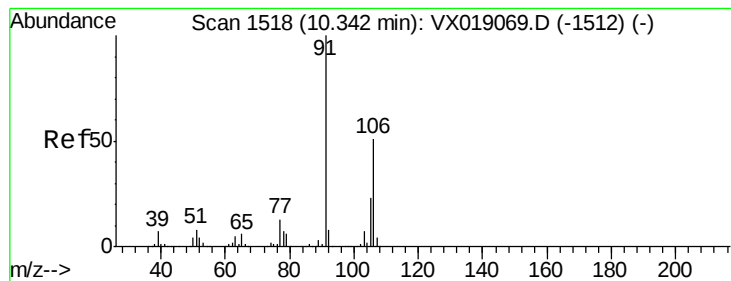
Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	69240		
106	30.7	24.7	37.1	





#67

m/p-Xylenes

Concen: 10.187 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:106 Resp: 50276

Ion Ratio Lower Upper

106 100

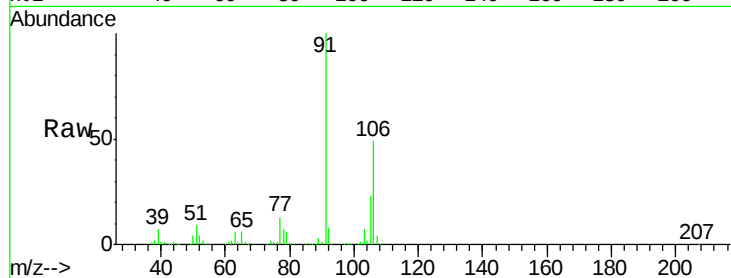
91 199.6 157.5 236.3

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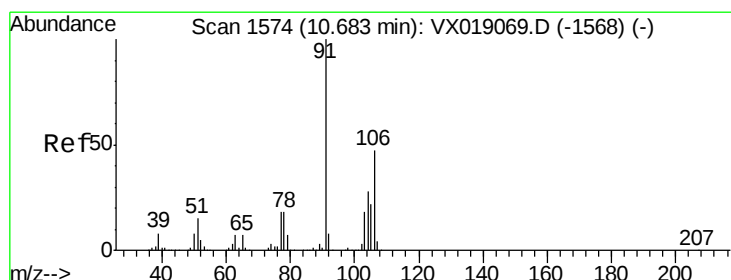
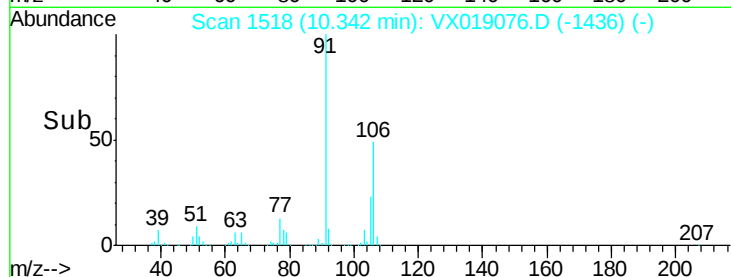
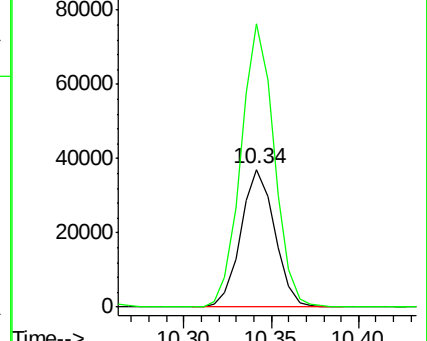
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 5.120 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019076.D

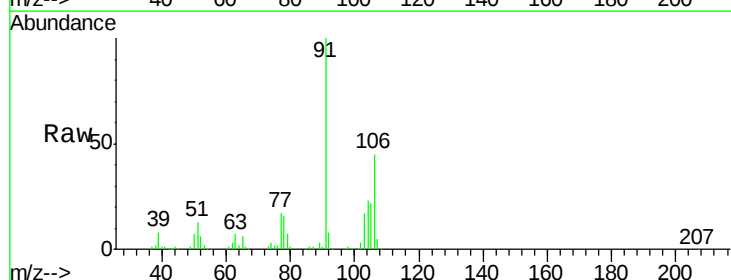
Acq: 23 Oct 2020 13:40

Tgt Ion:106 Resp: 24099

Ion Ratio Lower Upper

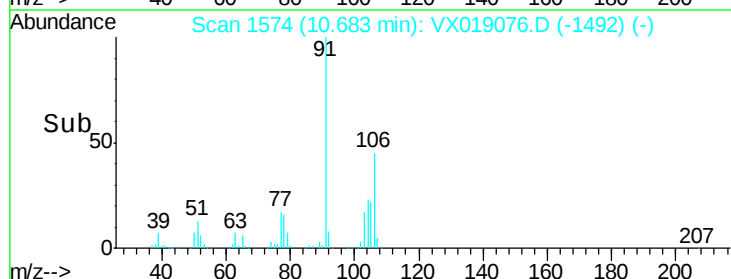
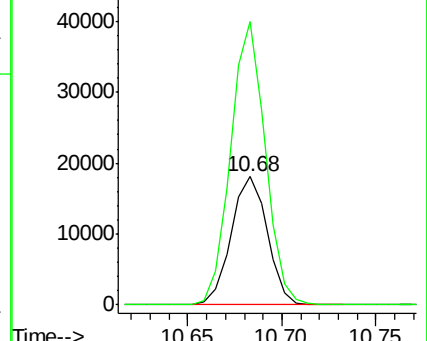
106 100

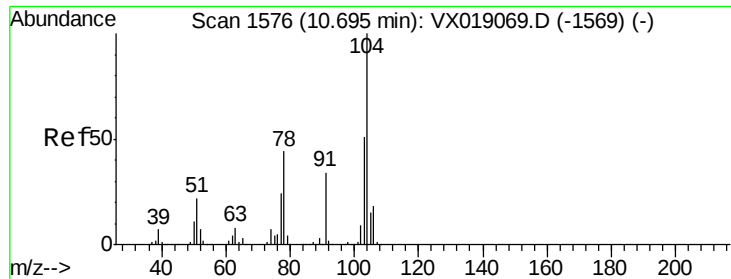
91 211.6 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





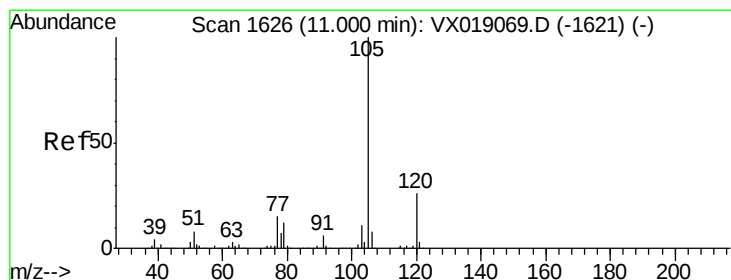
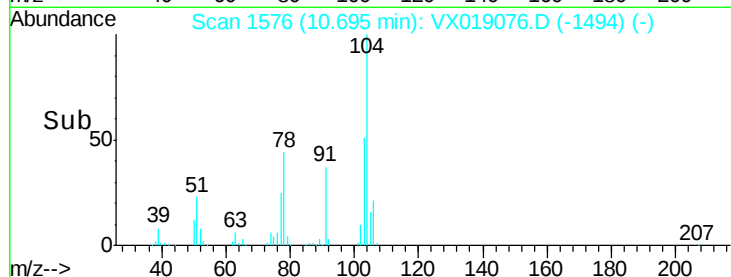
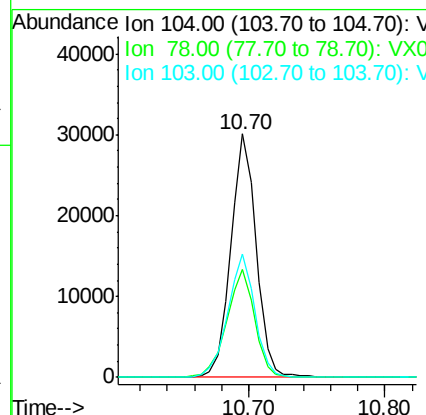
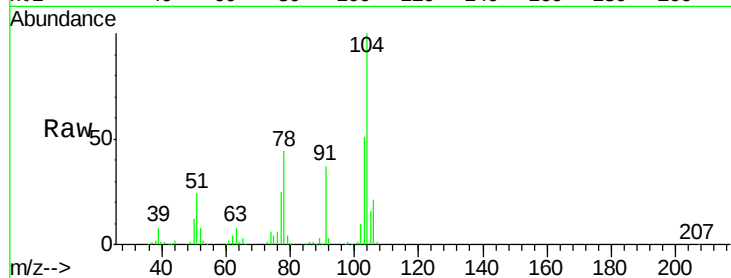
#69
Stvrene
Concen: 4.903 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.6	58.0
103	54.1	43.4	65.2

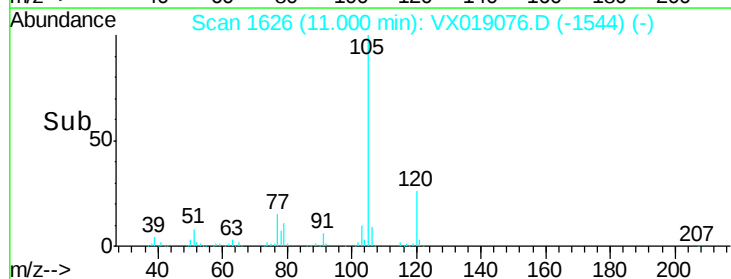
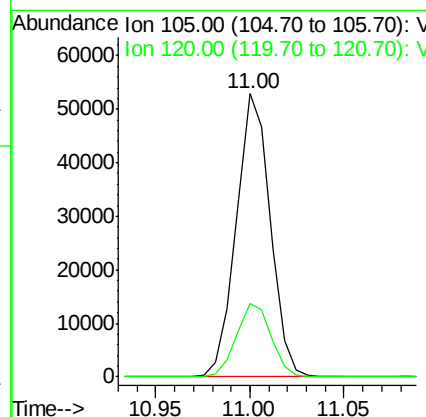
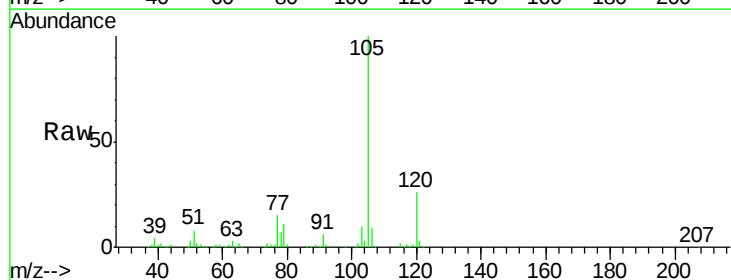
Manual Integrations
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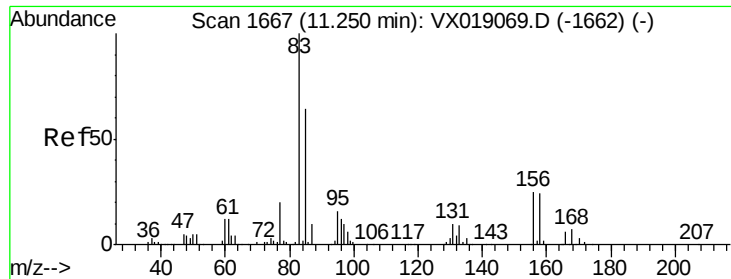
MMDadoda
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#70
Isopropylbenzene
Concen: 5.232 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	19.0	35.4





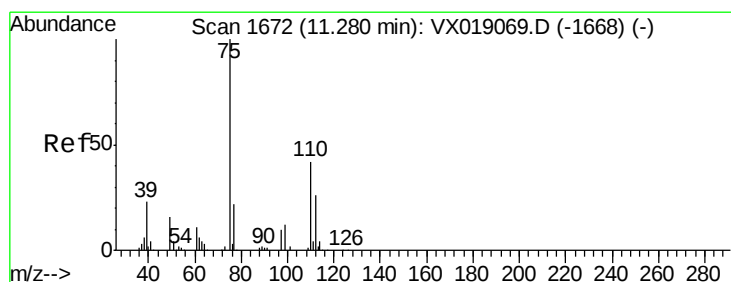
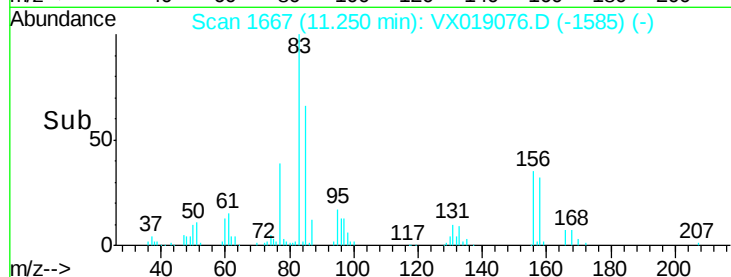
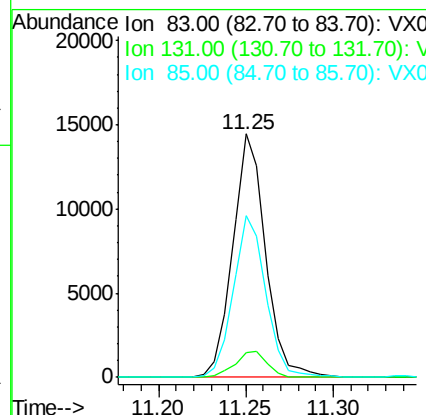
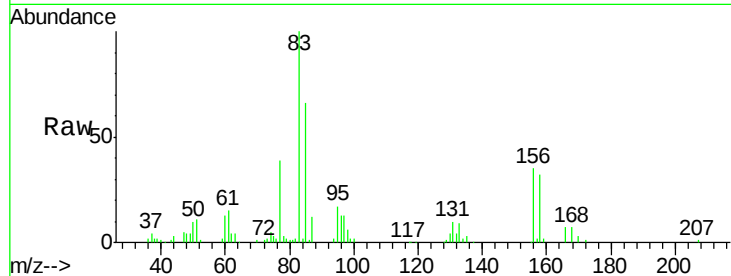
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.147 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	66.3	32.5	97.4

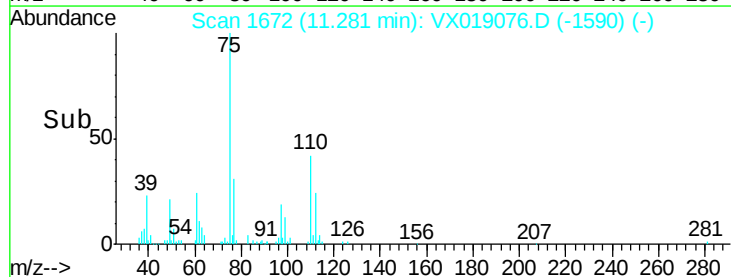
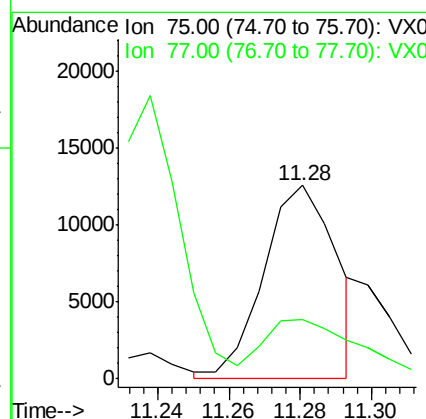
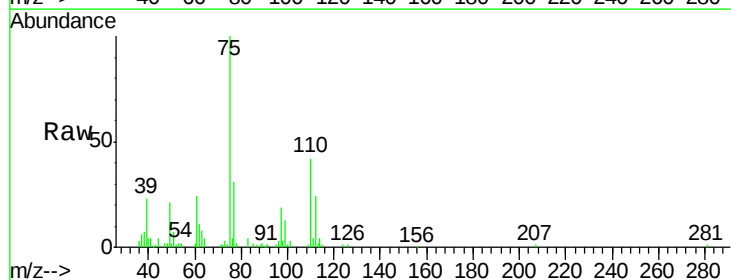
Manual Integrations
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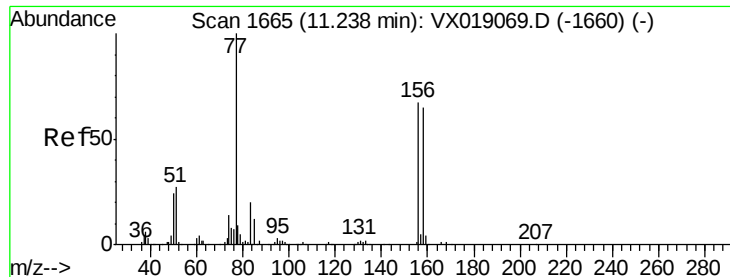
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#72
 1,2,3-Trichloropropane
 Concen: 5.406 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.8	0.0	81.8





#73

Bromobenzene

Concen: 5.018 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

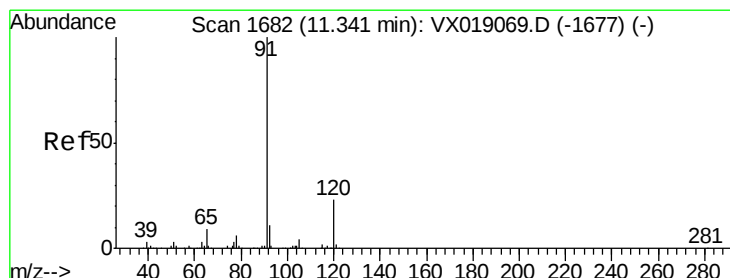
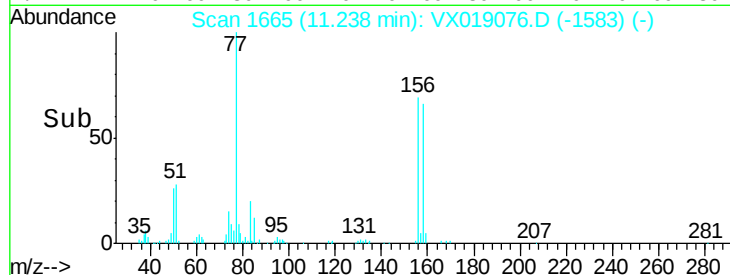
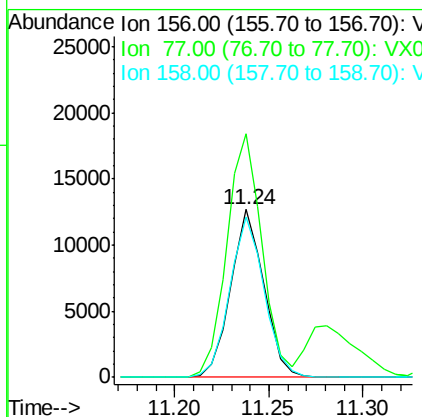
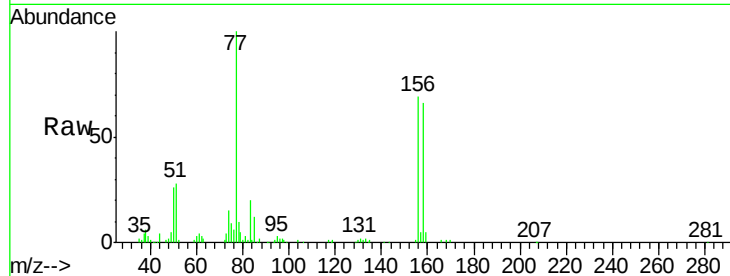
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	156	Resp:	15521
Ion Ratio	Lower	Upper	
156	100		
77	153.1	0.0	299.6
158	99.0	0.0	192.2

Manual Integrations
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#74

n-propylbenzene

Concen: 5.136 ug/l

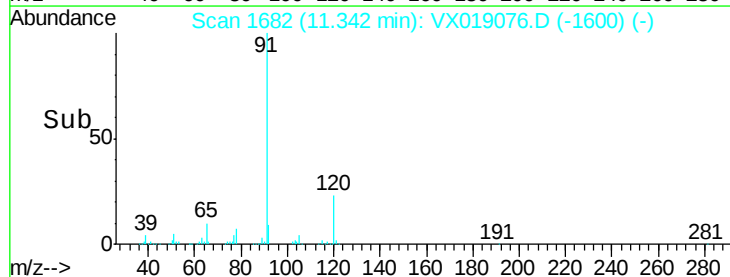
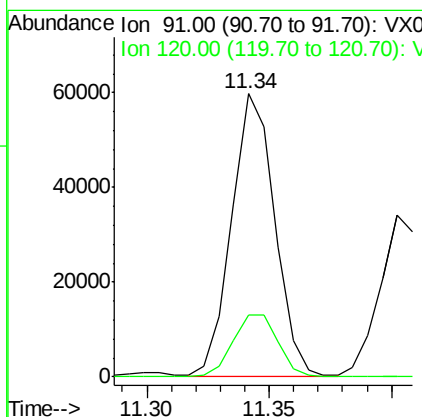
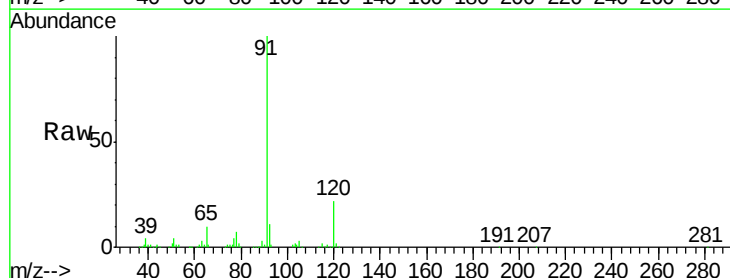
RT: 11.34 min Scan# 1682

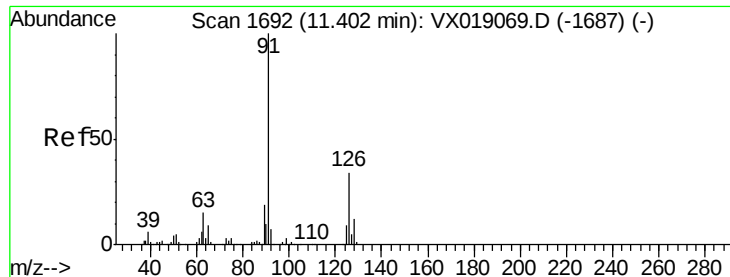
Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Tgt Ion:	91	Resp:	73602
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.6





#75

2-Chlorotoluene

Concen: 5.327 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019076.D

Acq: 23 Oct 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 43178

Ion Ratio Lower Upper

91 100

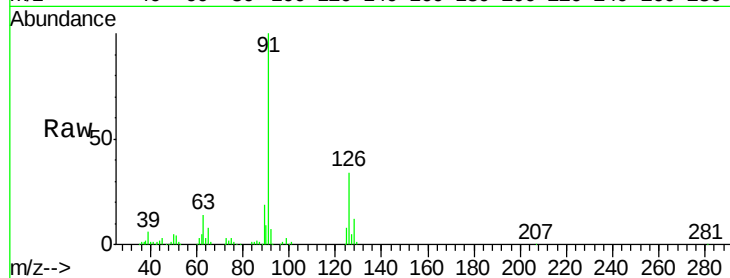
126 34.7 0.0 69.0

Manual Integrations

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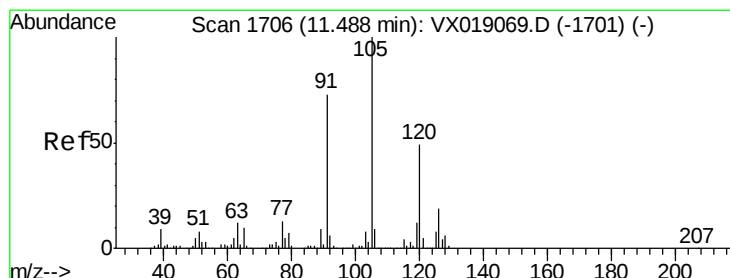
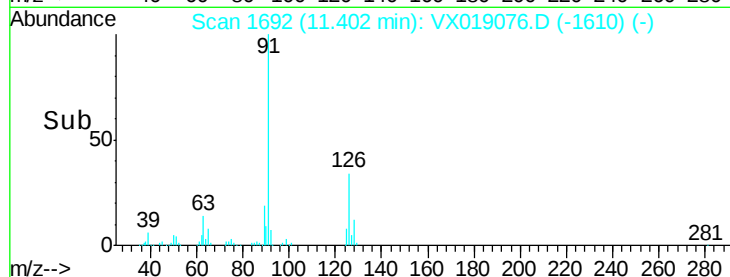
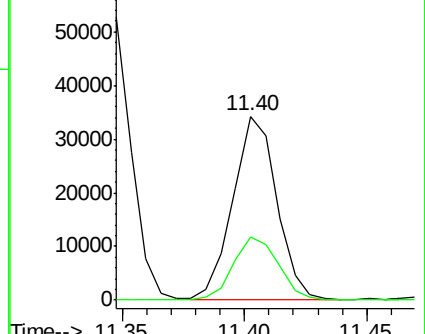
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 5.117 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019076.D

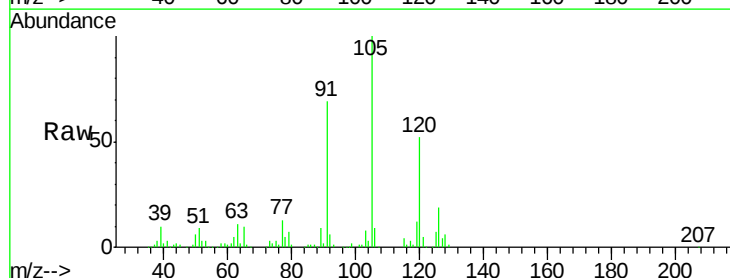
Acq: 23 Oct 2020 13:40

Tgt Ion: 105 Resp: 52554

Ion Ratio Lower Upper

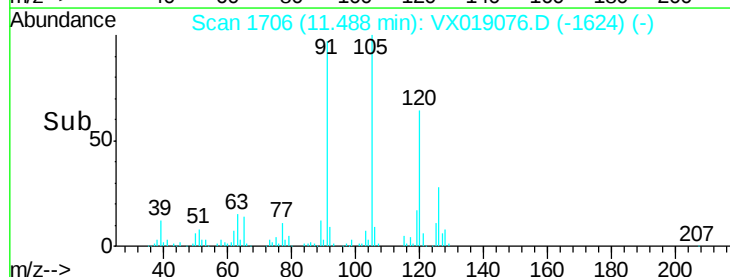
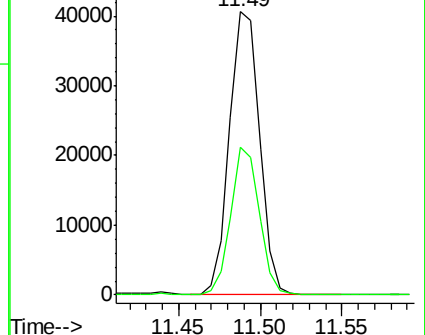
105 100

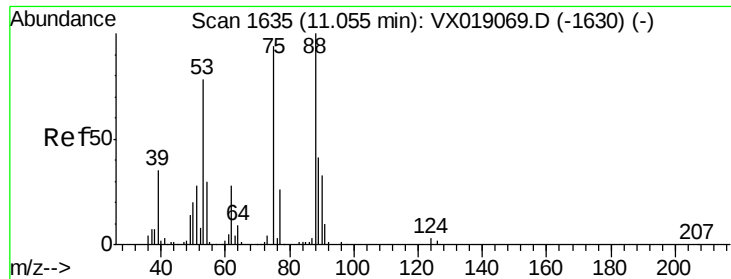
120 49.1 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





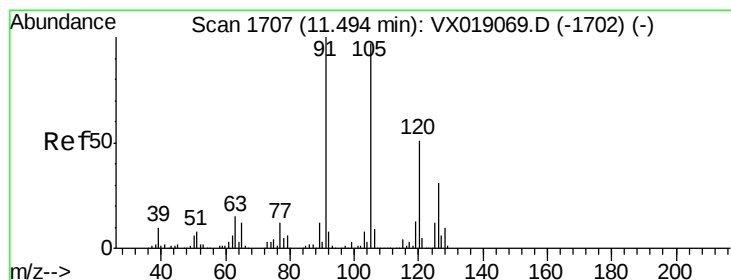
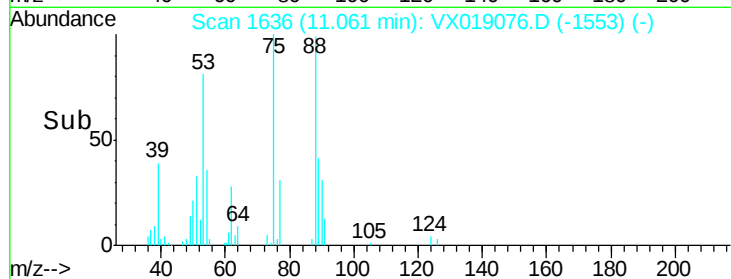
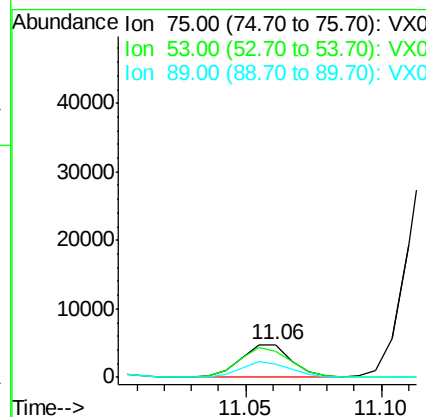
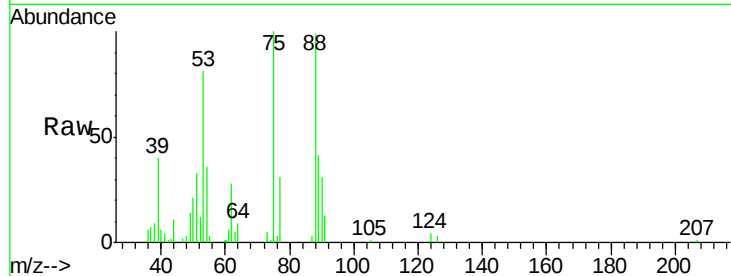
#77
t-1,4-Dichloro-2-butene
Concen: 4.818 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.0	41.6	124.8
89	40.7	21.8	65.3

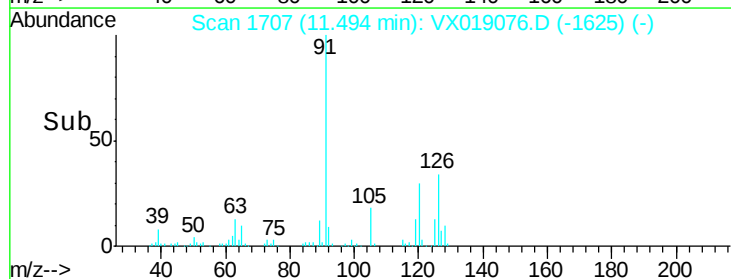
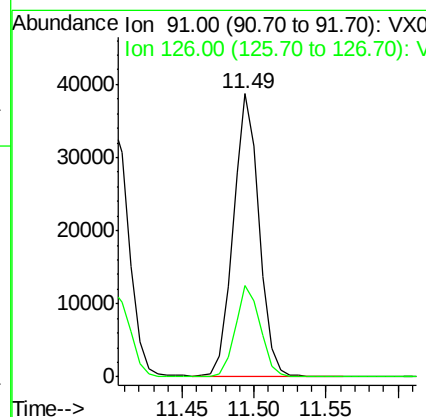
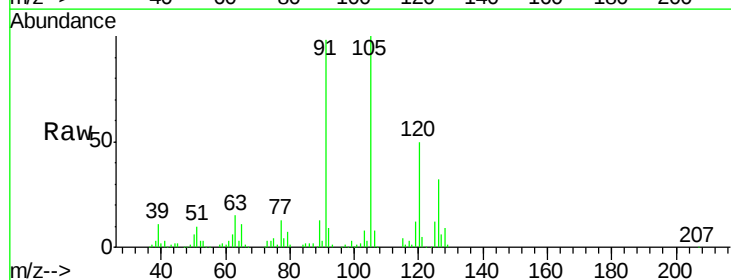
Manual Integrations
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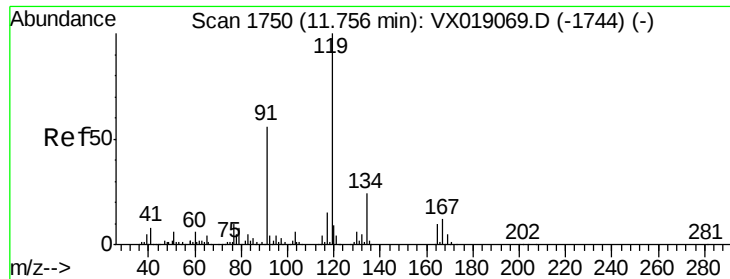
MMDadoda
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#78
4-Chlorotoluene
Concen: 5.136 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	61.2





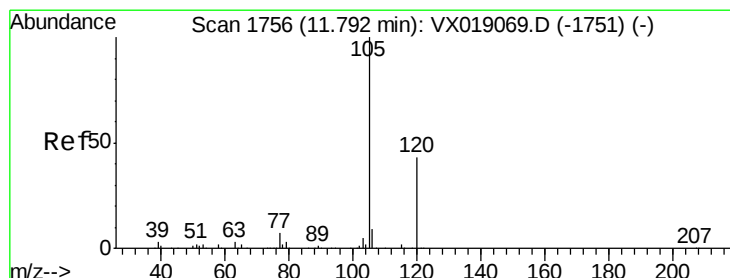
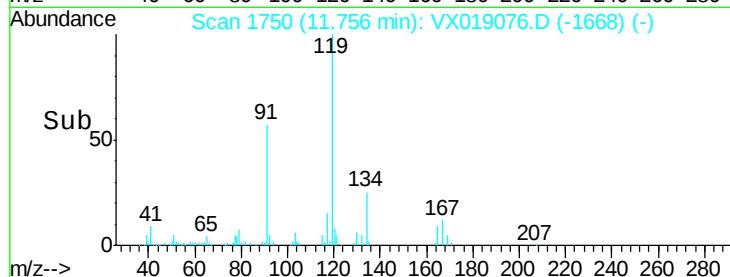
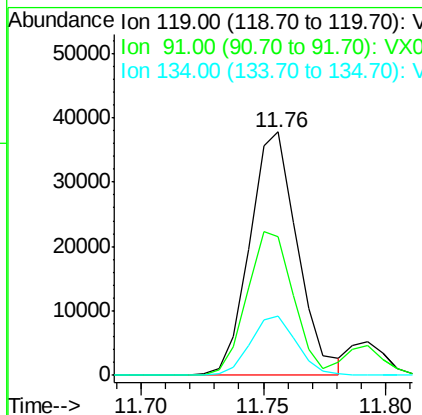
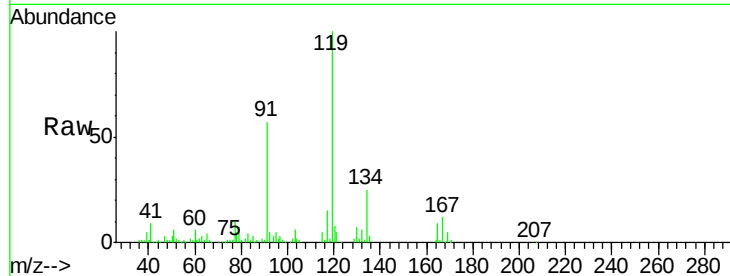
#79
tert-butylbenzene
Concen: 5.074 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	51318		
91	57.3		0.0	111.4
134	23.5		0.0	47.2

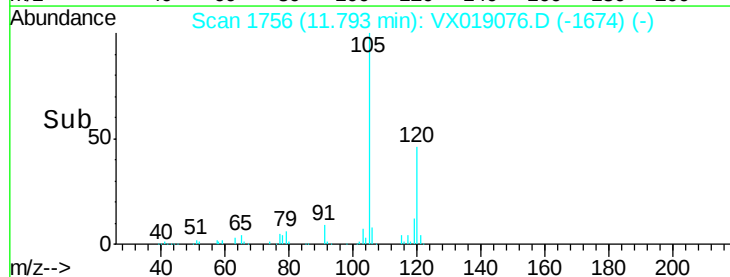
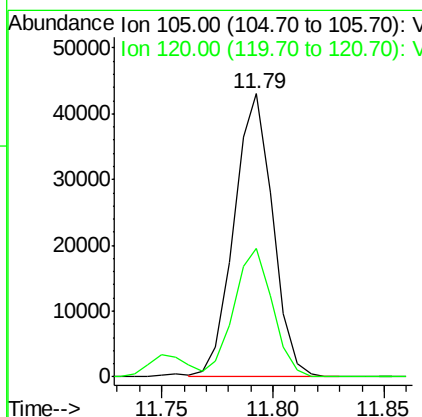
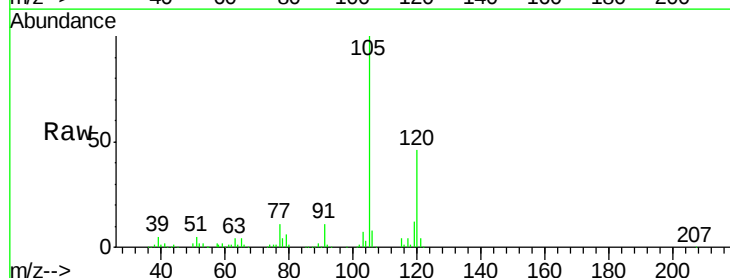
Manual Integrations
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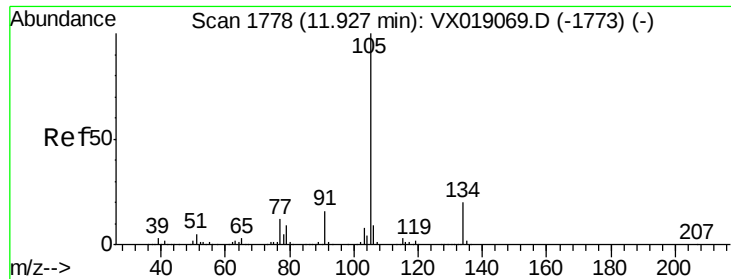
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#80
1,2,4-Trimethylbenzene
Concen: 5.101 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	52077		
120	45.7		0.0	92.0





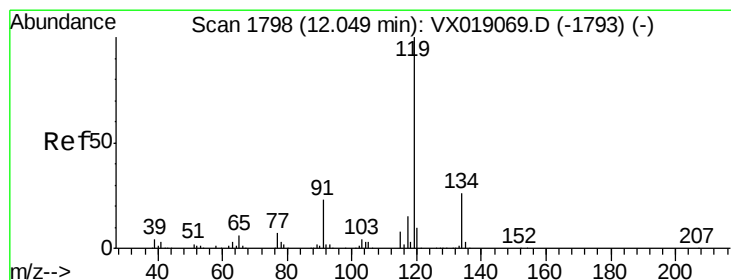
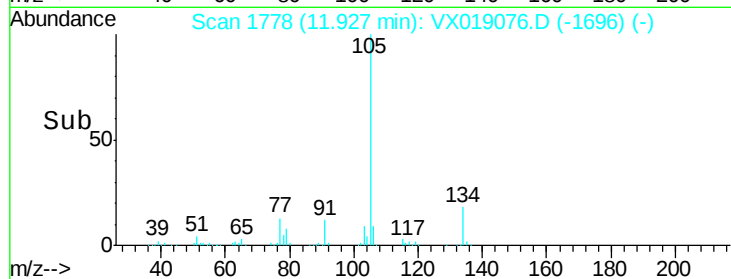
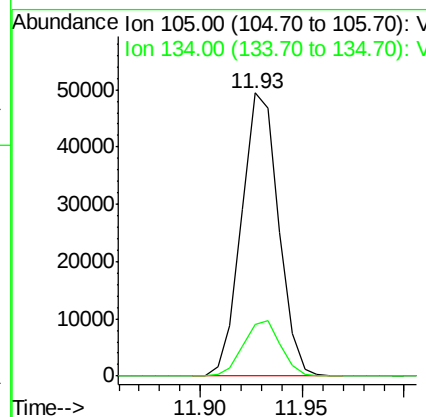
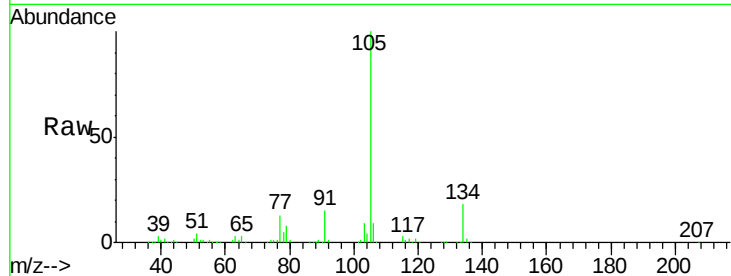
#81
 sec-Butylbenzene
 Concen: 5.208 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	0.0	40.8

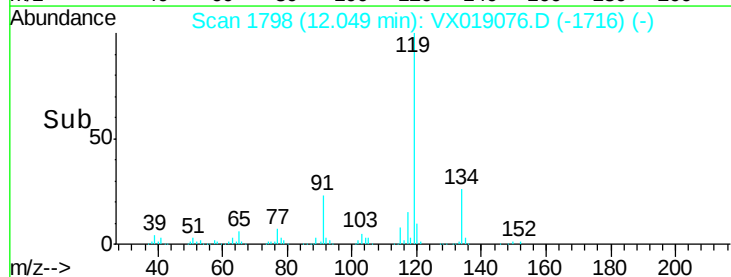
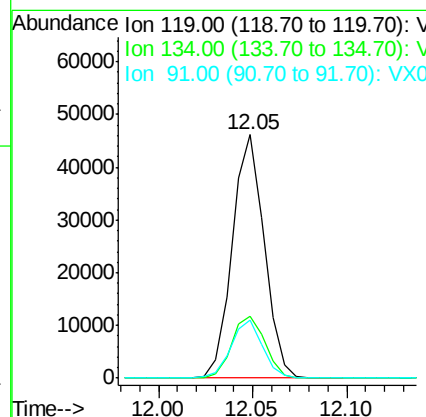
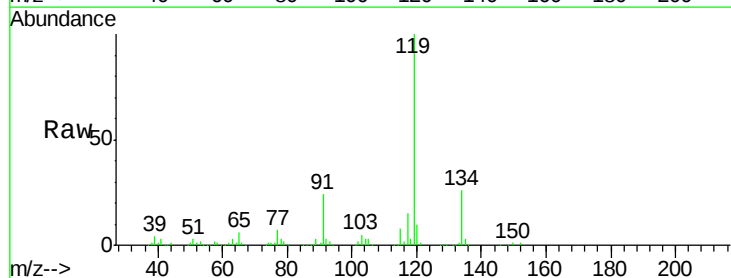
Manual Integrations
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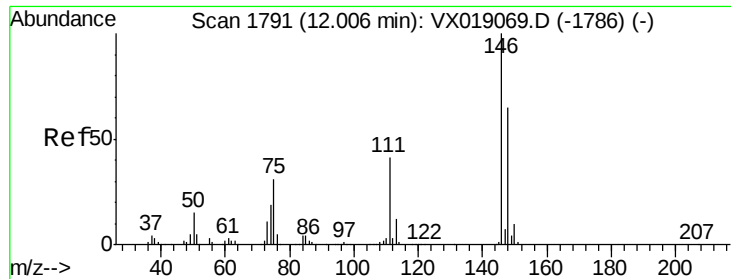
MMDadoda
 10/26/2020 2:27:51 PM



#82
 p-Isopropyltoluene
 Concen: 4.930 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	52.0
91	23.5	0.0	45.6





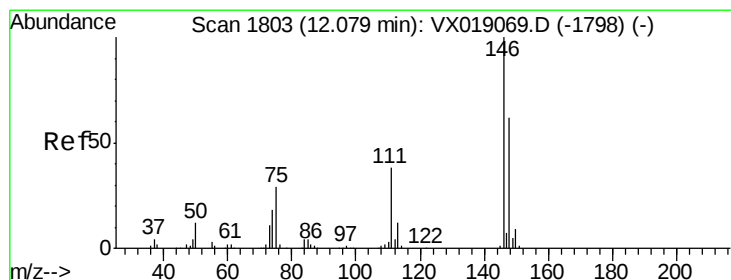
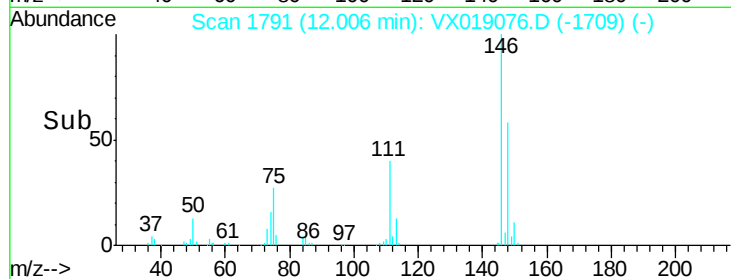
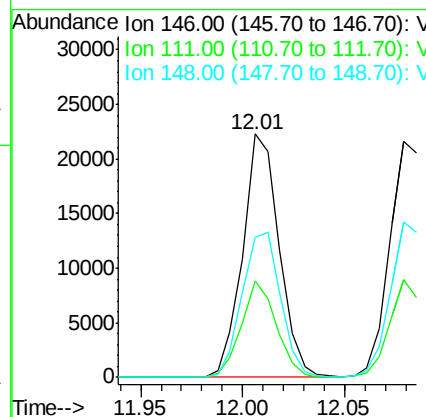
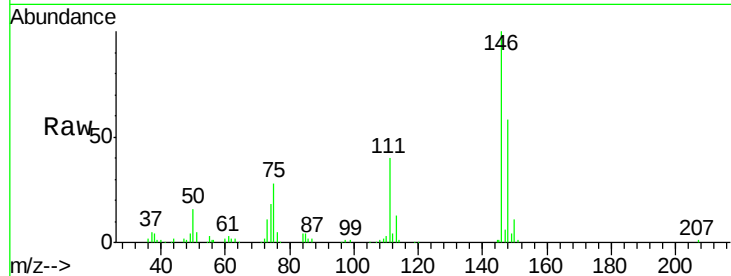
#83
 1,3-Dichlorobenzene
 Concen: 5.012 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.0	59.9
148	62.9	32.2	96.6

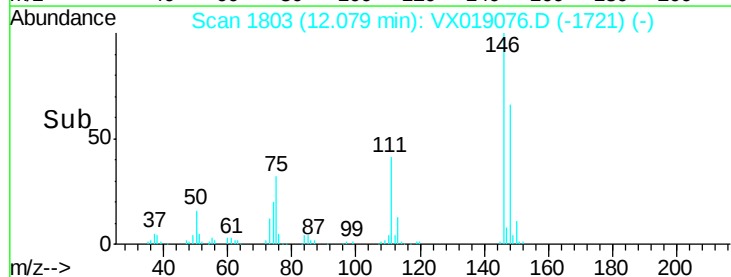
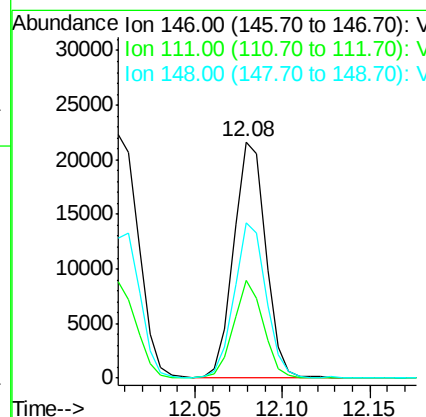
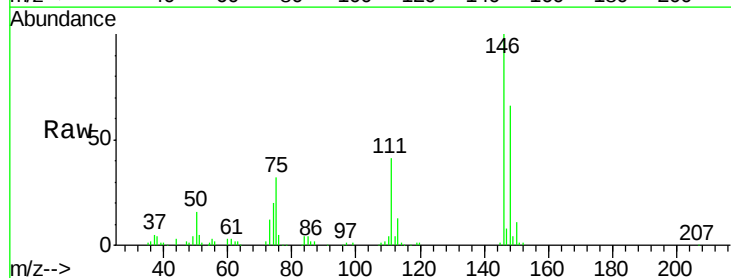
Manual Integrations
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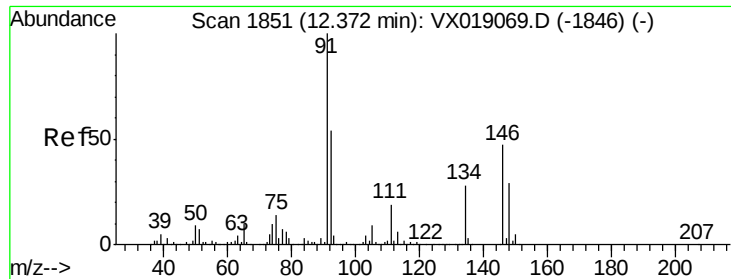
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 4.936 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	65.2	31.6	95.0





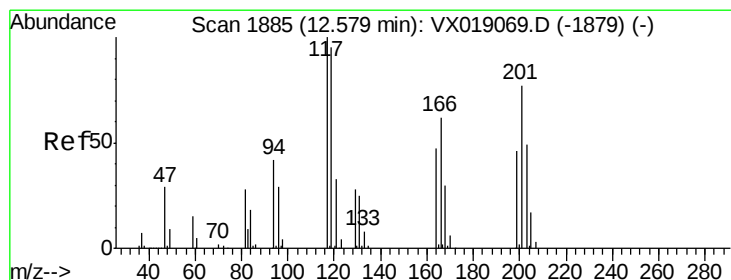
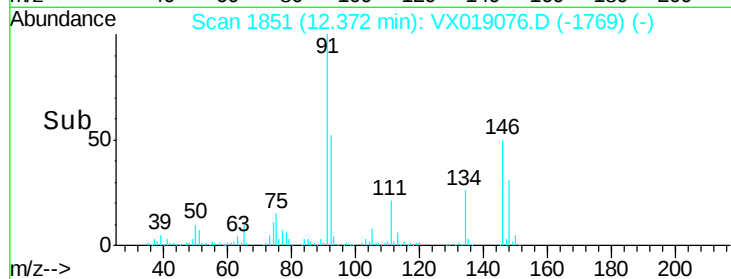
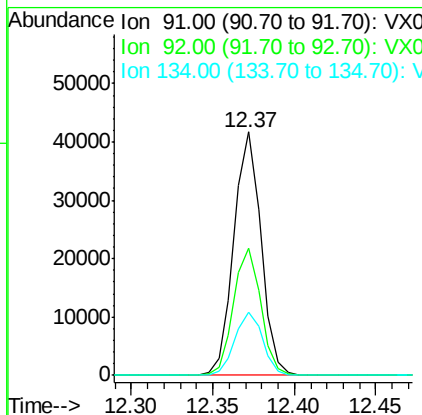
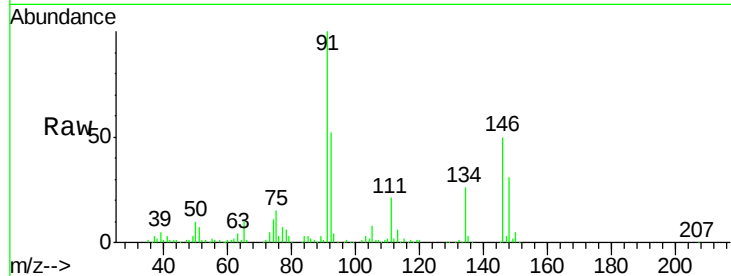
#85
n-Butylbenzene
Concen: 4.891 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	48294		
92	52.5		0.0	107.4
134	26.6		0.0	54.6

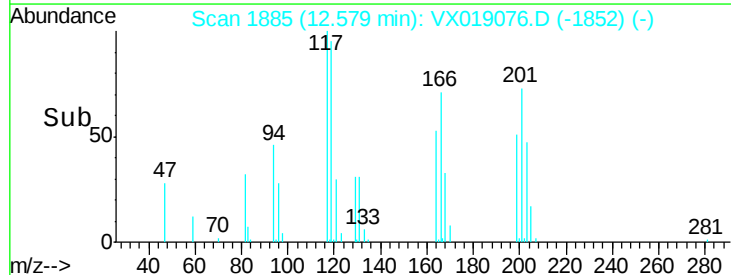
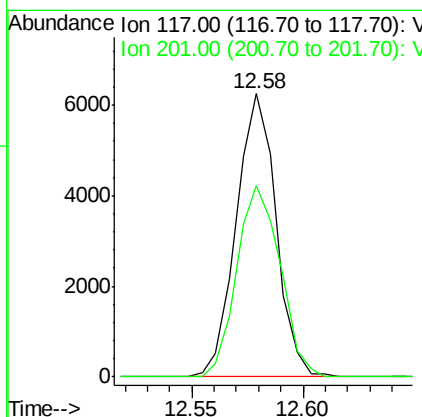
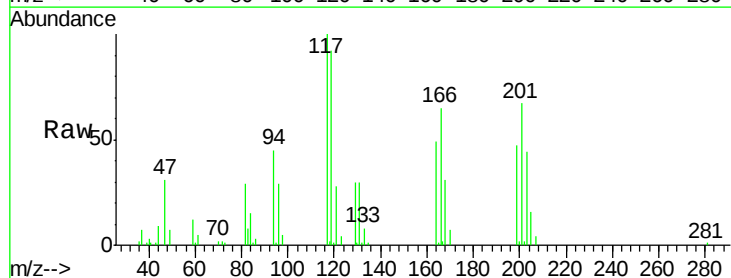
Manual Integrations
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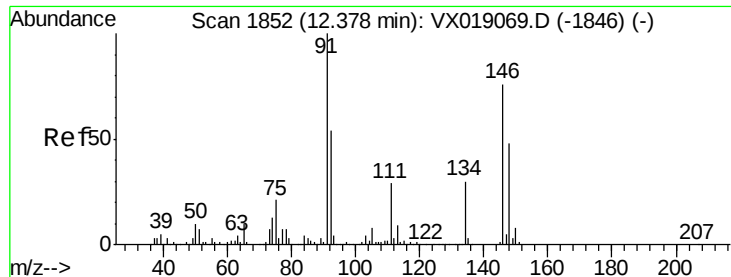
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#86
Hexachloroethane
Concen: 4.597 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	7787		
201	73.4		38.4	115.1





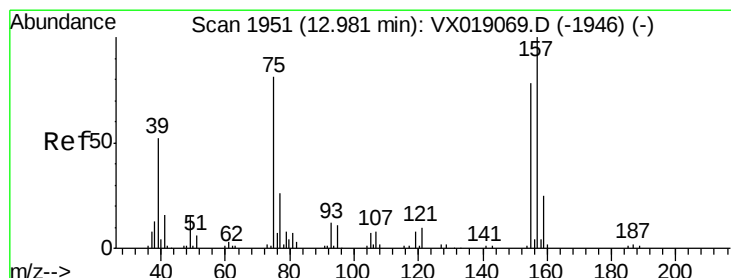
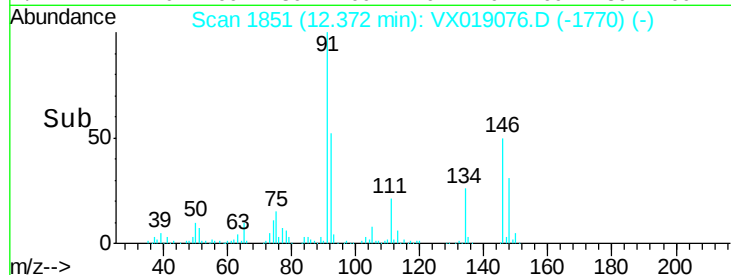
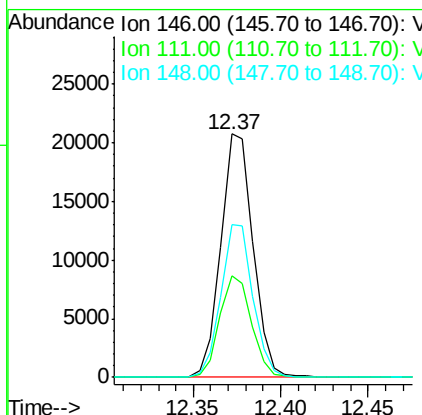
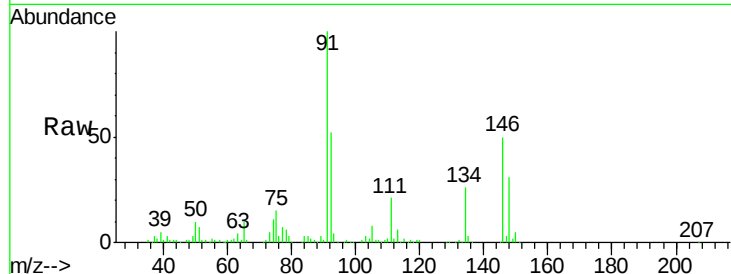
#87
 1,2-Dichlorobenzene
 Concen: 5.029 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	62.4	32.1	96.5

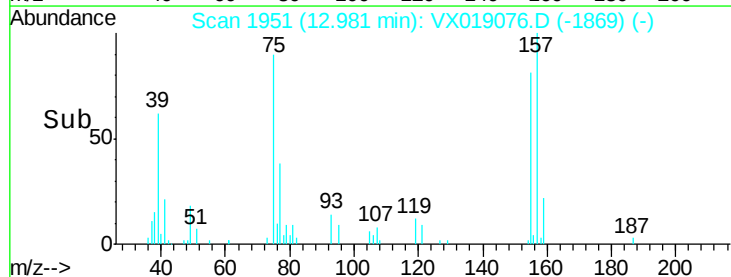
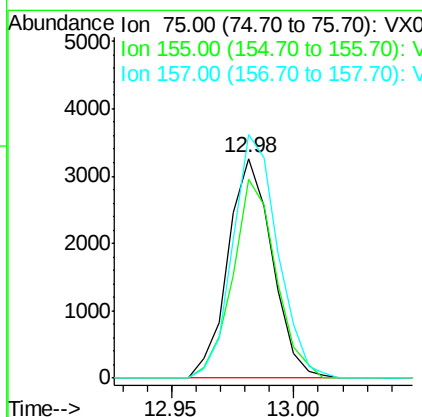
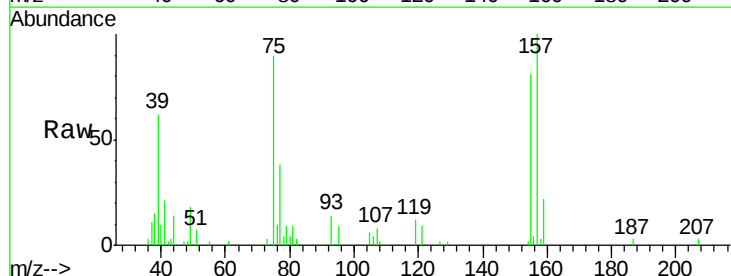
Manual Integrations
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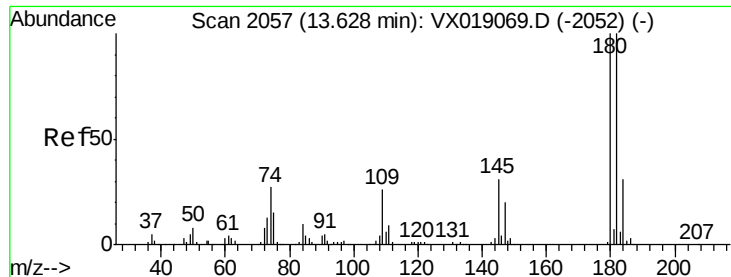
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.954 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	73.7	110.5
157	112.4	96.5	144.7





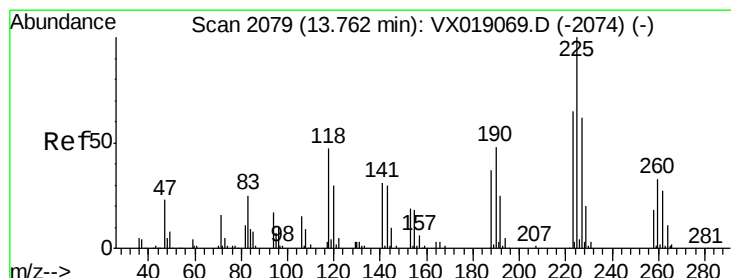
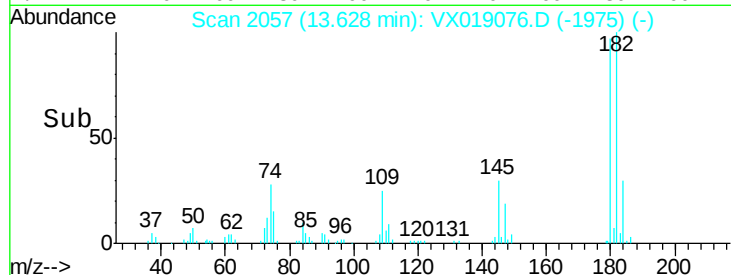
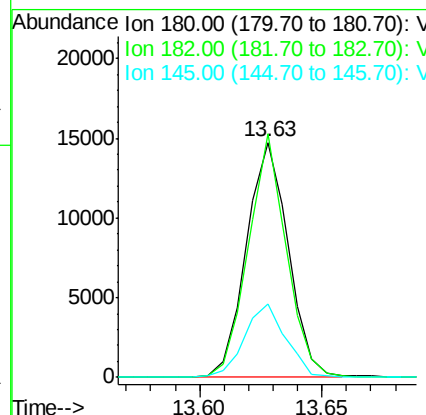
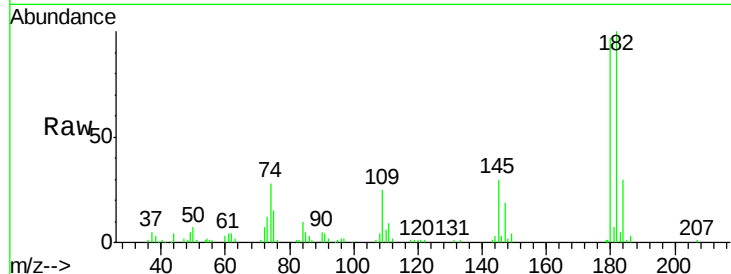
#89
 1,2,4-Trichlorobenzene
 Concen: 4.625 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:	180	Resp:	17614
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.5	114.7
145	30.8	24.2	36.4

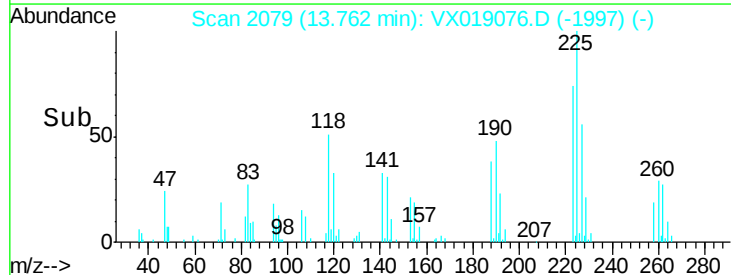
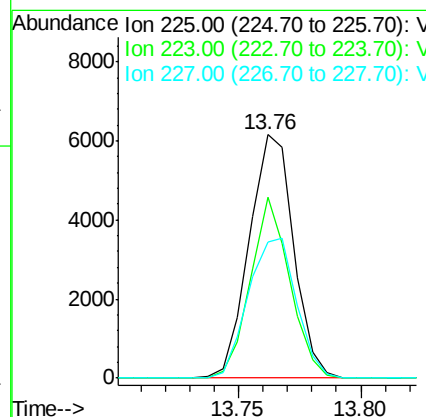
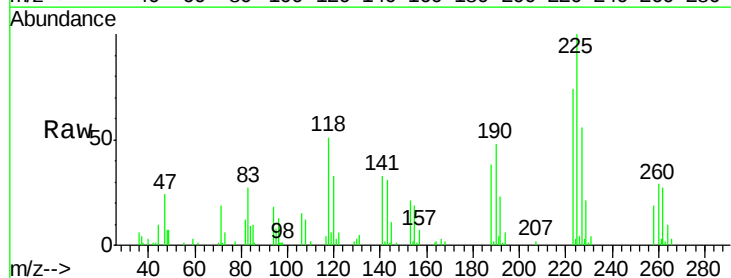
Manual Integrations
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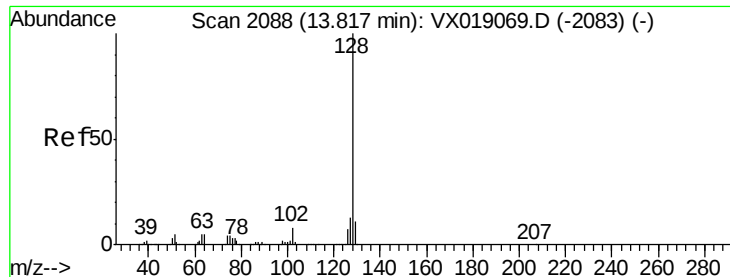
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#90
 Hexachlorobutadiene
 Concen: 4.811 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019076.D
 Acq: 23 Oct 2020 13:40

Tgt Ion:	225	Resp:	7770
Ion Ratio	Lower	Upper	
225	100		
223	65.8	0.0	130.0
227	62.1	0.0	128.6





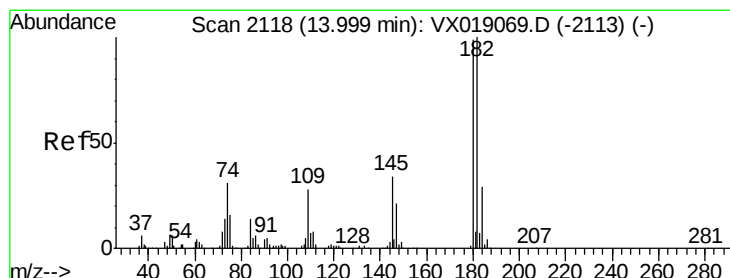
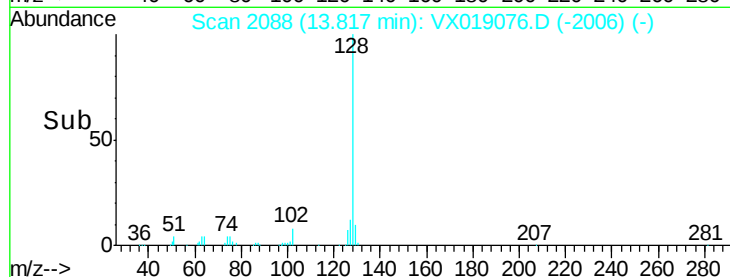
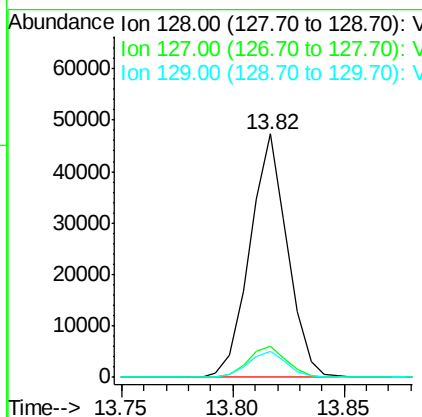
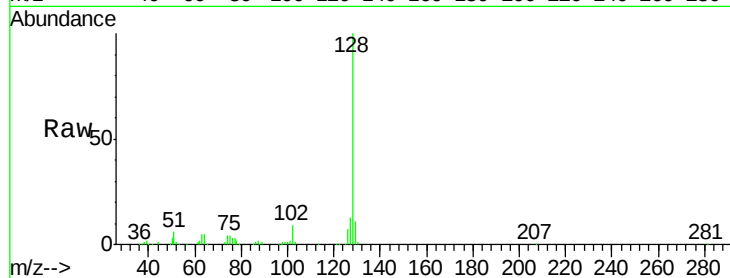
#91
Naphthalene
Concen: 4.441 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.2	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 4.789 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019076.D
Acq: 23 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.4
145	30.7	0.0	64.6

