

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016058.D
 Acq On : 05 May 2020 13:04
 Operator : JC/SP
 Sample : L2182-08 1.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:23 PM

Quant Time: May 06 06:39:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	299921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	481665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	189995	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.46	113	141407	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	8.70	98	555157	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.12	95	200749	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2967	0.935	ug/l	100
3) Chloromethane	1.31	50	3636	0.986	ug/l	93
4) Vinyl Chloride	1.39	62	3778	0.960	ug/l	99
5) Bromomethane	1.63	94	2969	1.497	ug/l	99
6) Chloroethane	1.71	64	2514	1.050	ug/l #	87
7) Trichlorofluoromethane	1.92	101	5069	0.982	ug/l	92
8) Diethyl Ether	2.17	74	2231	1.025	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2964	0.995	ug/l	97
10) Methyl Iodide	2.50	142	3061	0.765	ug/l	94
11) Tert butyl alcohol	3.01	59	5050	5.060	ug/l	95
12) 1,1-Dichloroethene	2.35	96	3108	0.997	ug/l	94
13) Acrolein	2.27	56	3177	5.087	ug/l	97
14) Allyl chloride	2.71	41	5625	0.984	ug/l	98
15) Acrylonitrile	3.12	53	9678	4.675	ug/l	96
16) Acetone	2.42	43	9229	5.241	ug/l	96
17) Carbon Disulfide	2.55	76	11149	1.050	ug/l	99
18) Methyl Acetate	2.75	43	4445	1.027	ug/l	91
19) Methyl tert-butyl Ether	3.17	73	10716	0.997	ug/l	95
20) Methylene Chloride	2.84	84	3570	0.983	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	3550	1.022	ug/l	94
22) Diisopropyl ether	3.83	45	10606	0.983	ug/l	92
23) Vinyl Acetate	3.79	43	42061	4.433	ug/l	98
24) 1,1-Dichloroethane	3.68	63	6191	1.026	ug/l #	93
25) 2-Butanone	4.65	43	13253	4.670	ug/l	100
26) 2,2-Dichloropropane	4.56	77	5432	0.986	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	3441	0.906	ug/l	96
28) Bromochloromethane	4.98	49	2873	1.044	ug/l #	97
29) Tetrahydrofuran	5.10	42	9304	4.948	ug/l	97
30) Chloroform	5.18	83	6101	1.016	ug/l	99
31) Cyclohexane	5.55	56	5421	0.989	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	5345	0.979	ug/l #	50
36) 1,1-Dichloropropene	5.78	75	4895	1.032	ug/l	95
37) Ethyl Acetate	4.80	43	4811	0.875	ug/l #	90
38) Carbon Tetrachloride	5.75	117	4672	0.969	ug/l	91

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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	5711	1.000	ug/l	90
40) Benzene	6.12	78	13475	0.971	ug/l	97
41) Methacrylonitrile	5.01	41	2763	0.931	ug/l #	90
42) 1,2-Dichloroethane	6.17	62	5145	1.030	ug/l	96
43) Isopropyl Acetate	6.42	43	8442	0.963	ug/l	98
44) Trichloroethene	7.20	130	4919	0.998	ug/l	95
45) 1,2-Dichloropropane	7.49	63	3433	0.978	ug/l	98
46) Dibromomethane	7.64	93	2142	0.898	ug/l	88
47) Bromodichloromethane	7.88	83	4492	0.925	ug/l #	92
48) Methyl methacrylate	7.75	41	3457	0.832	ug/l	89
49) 1,4-Dioxane	7.72	88	1924	19.309	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	23369	4.355	ug/l	98
52) Toluene	8.77	92	8224	0.951	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5263	0.909	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	5555	0.918	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	3296	0.969	ug/l	94
56) Ethyl methacrylate	9.16	69	4782	0.861	ug/l	94
57) 1,3-Dichloropropane	9.35	76	5570	0.938	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.29	63	10679	3.612	ug/l	100
59) 2-Hexanone	9.48	43	18207	4.321	ug/l	97
60) Dibromochloromethane	9.57	129	3345	0.893	ug/l	92
61) 1,2-Dibromoethane	9.66	107	3265	0.886	ug/l	97
64) Tetrachloroethene	9.32	164	5678	1.058	ug/l	96
65) Chlorobenzene	10.12	112	8644	0.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	3120	0.922	ug/l #	60
67) Ethyl Benzene	10.24	91	15308	0.937	ug/l	96
68) m/p-Xylenes	10.35	106	11224	1.834	ug/l	100
69) o-Xylene	10.68	106	5376	0.914	ug/l	96
70) Styrene	10.69	104	8710	0.873	ug/l	97
71) Bromoform	10.84	173	2196	0.797	ug/l #	98
73) Isopropylbenzene	11.00	105	13917	0.901	ug/l	98
74) N-amyl acetate	10.88	43	6152	0.854	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	2358	0.865	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	4574m	0.949	ug/l	
77) Bromobenzene	11.24	156	3899	0.978	ug/l	97
78) n-propylbenzene	11.35	91	17193	0.956	ug/l	99
79) 2-Chlorotoluene	11.41	91	9995	0.942	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	11489	0.881	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	1800m	0.890	ug/l	
82) 4-Chlorotoluene	11.49	91	12153	0.970	ug/l	99
83) tert-Butylbenzene	11.76	119	10195	0.907	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	11564	0.877	ug/l	98
85) sec-Butylbenzene	11.93	105	13703	0.903	ug/l	100
86) p-Isopropyltoluene	12.05	119	12551	0.890	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	6838	0.955	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	7339m	1.010	ug/l	
89) n-Butylbenzene	12.37	91	10911	0.847	ug/l	100
90) Hexachloroethane	12.58	117	1938	0.801	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	6590	0.956	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1217	0.958	ug/l	84

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:20:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4611	0.903	ug/l	96
94) Hexachlorobutadiene	13.76	225	2334	0.989	ug/l	90
95) Naphthalene	13.82	128	14643	0.886	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	4660	0.934	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:168 Resp: 299921

Ion Ratio Lower Upper

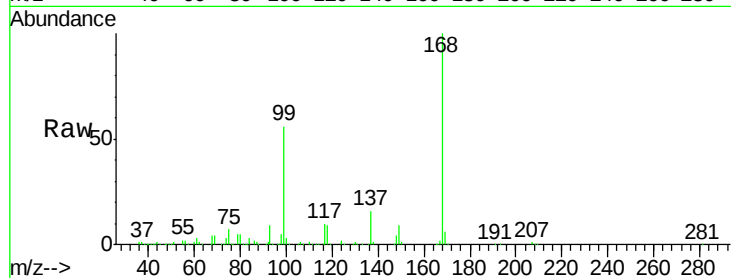
168 100

99 55.7 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

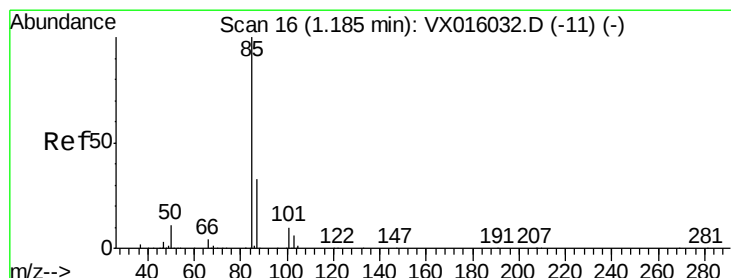
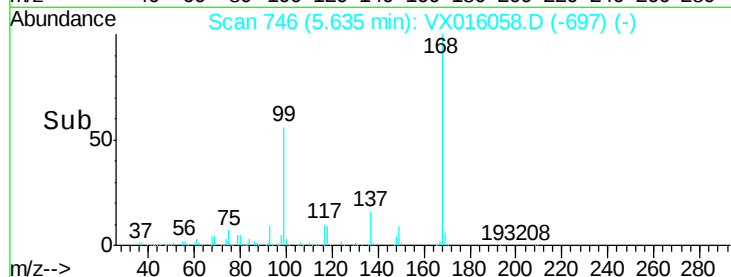
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.935 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016058.D

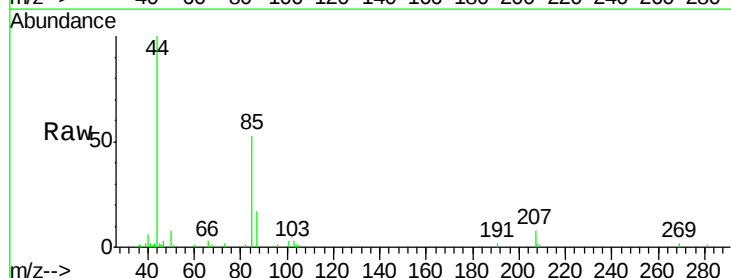
Acq: 05 May 2020 13:04

Tgt Ion: 85 Resp: 2967

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

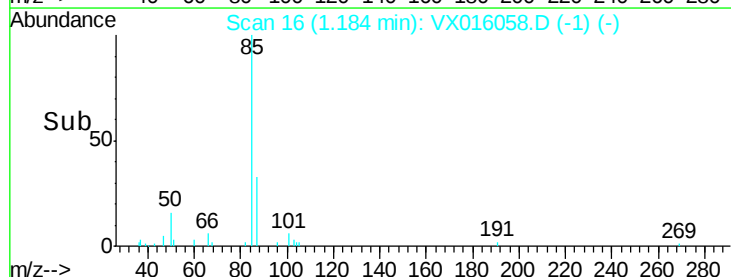
3000

2000

1000

0

Time-->





#3

Chloromethane

Concen: 0.986 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 50 Resp: 3636

Ion Ratio Lower Upper

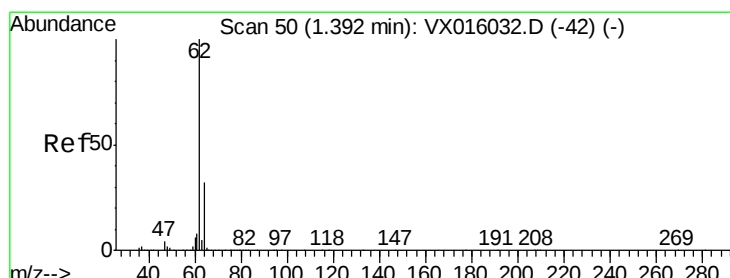
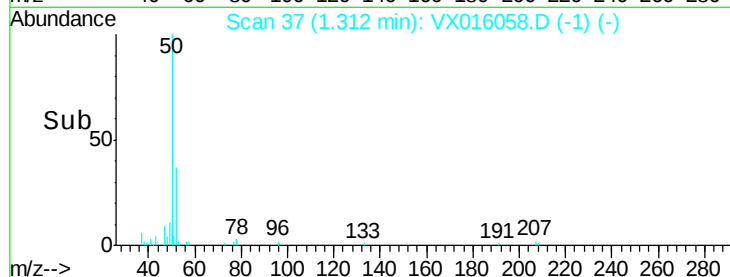
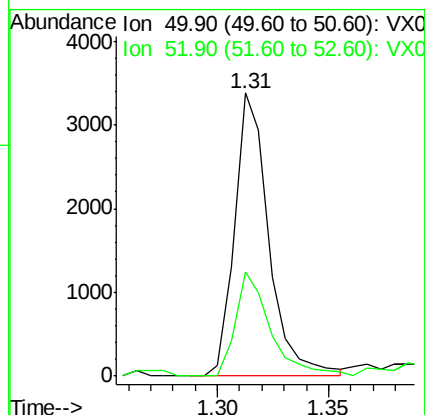
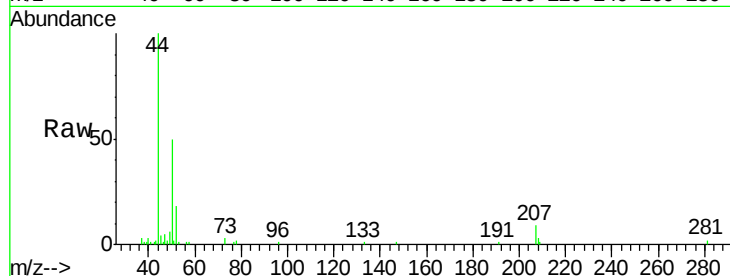
50 100

52 36.7 26.1 39.1

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#4

Vinyl Chloride

Concen: 0.960 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016058.D

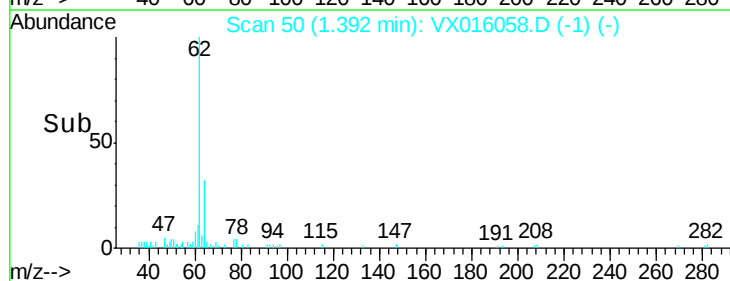
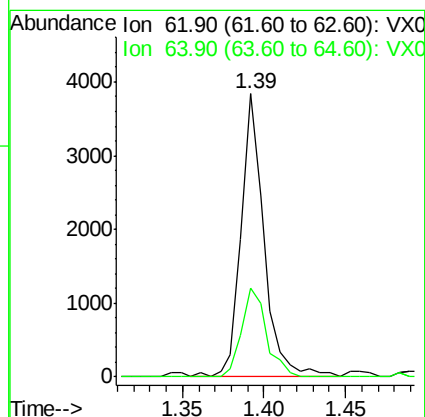
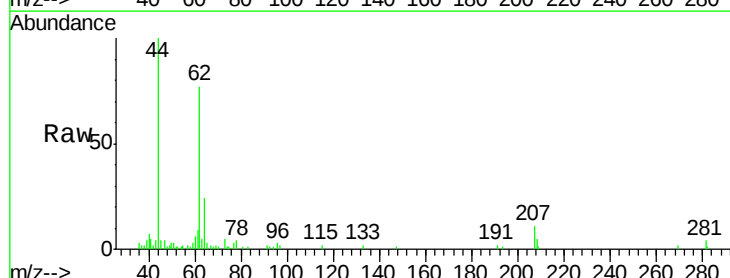
Acq: 05 May 2020 13:04

Tgt Ion: 62 Resp: 3778

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 1.497 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 94 Resp: 2969

Ion Ratio Lower Upper

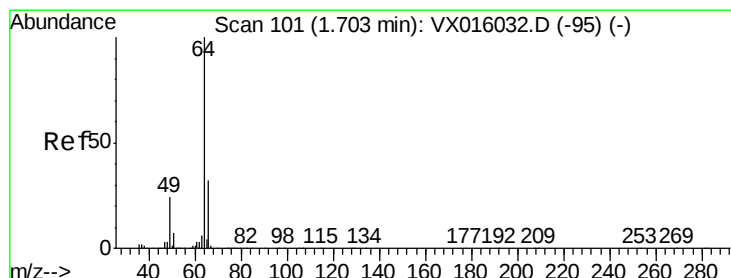
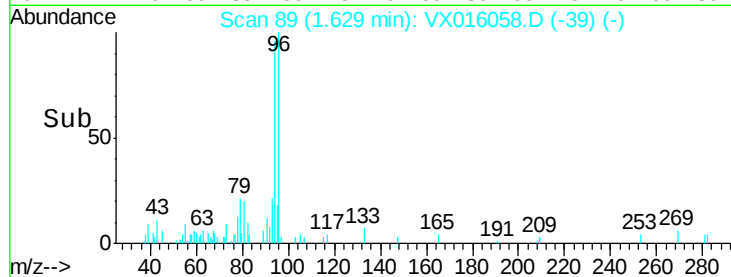
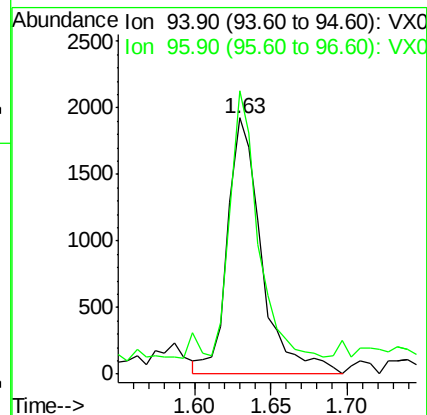
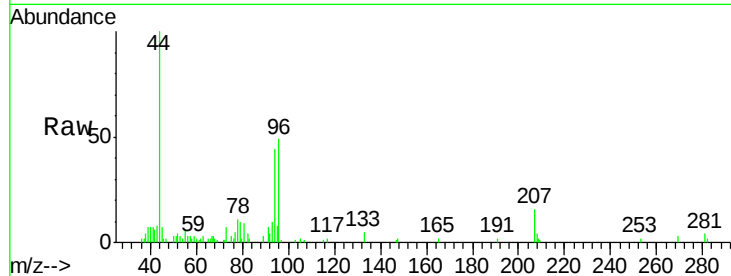
94 100

96 97.3 76.9 115.3

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#6

Chloroethane

Concen: 1.050 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016058.D

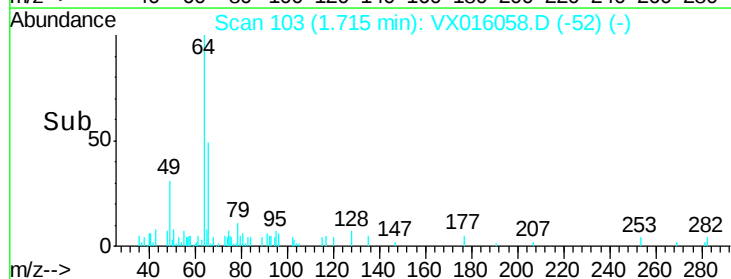
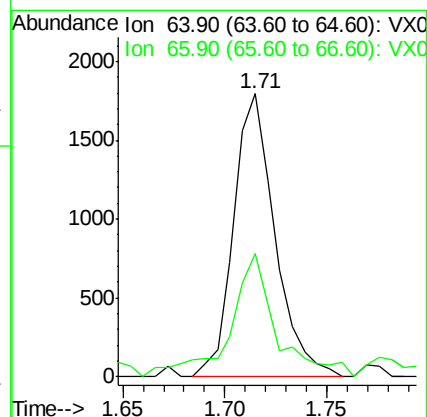
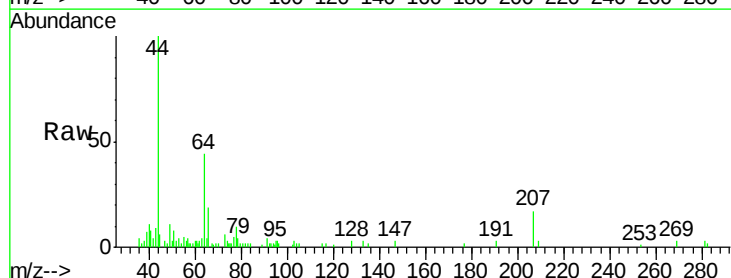
Acq: 05 May 2020 13:04

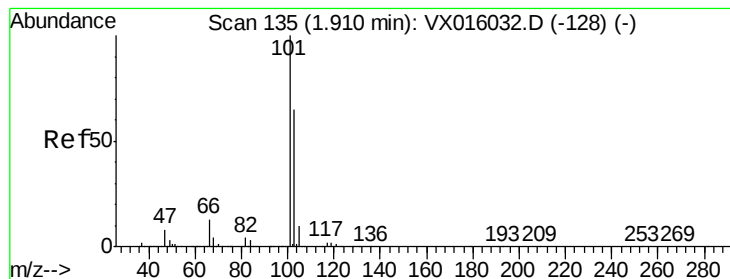
Tgt Ion: 64 Resp: 2514

Ion Ratio Lower Upper

64 100

66 38.6 25.2 37.8#





#7

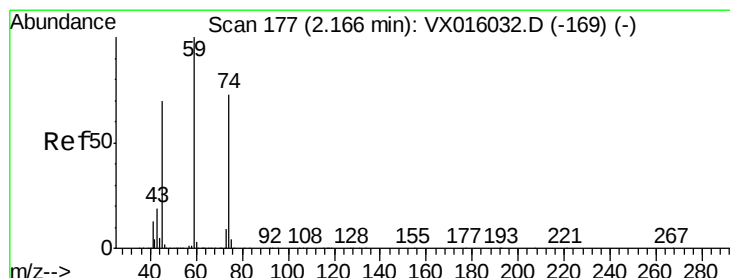
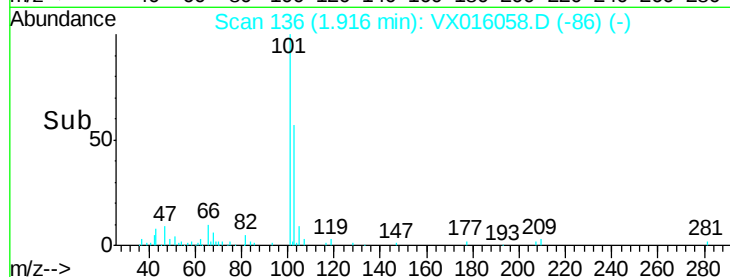
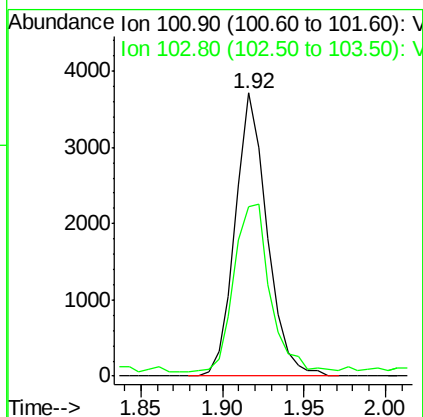
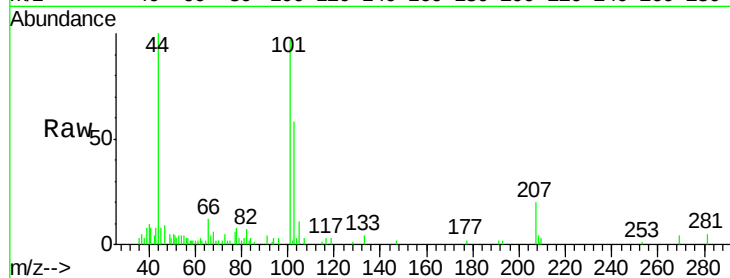
Trichlorofluoromethane
Concen: 0.982 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

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LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.4	51.8	77.6

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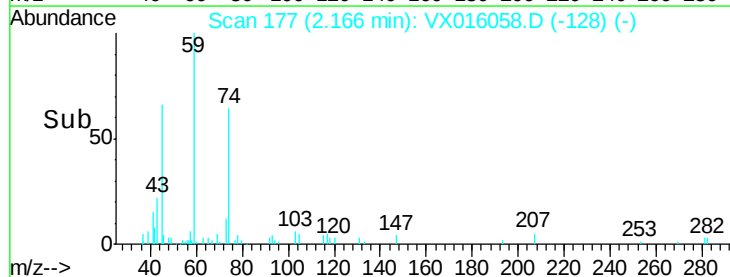
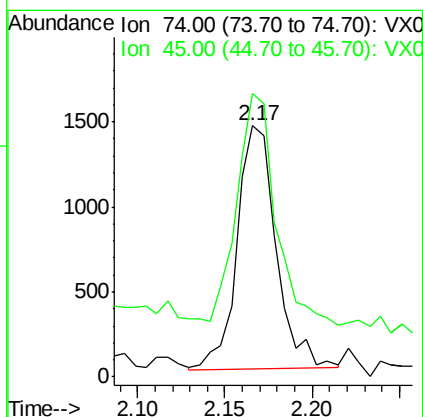
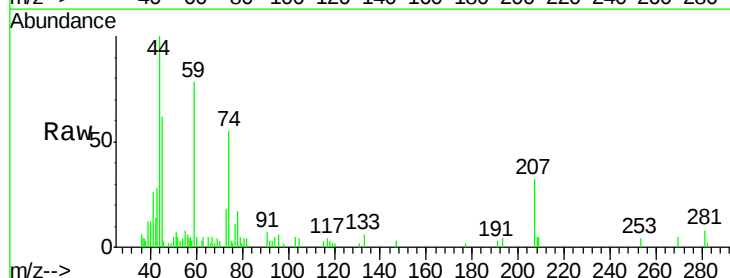
MMDadoda
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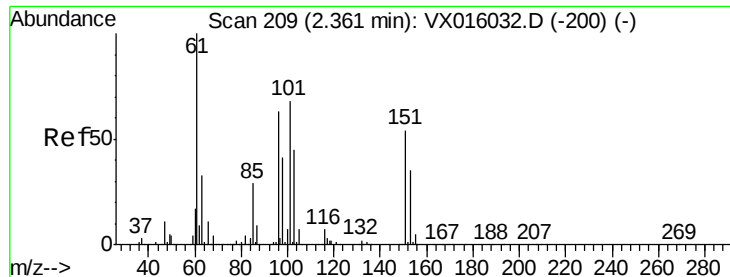


#8

Diethyl Ether
Concen: 1.025 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.5	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.995 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

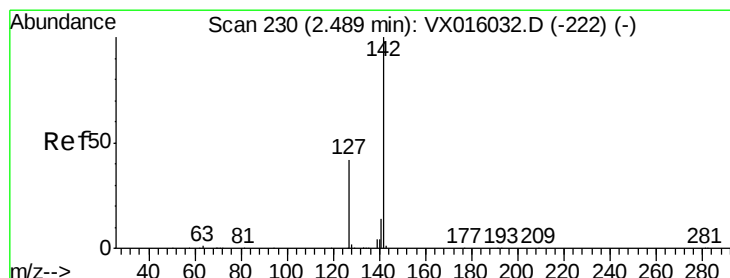
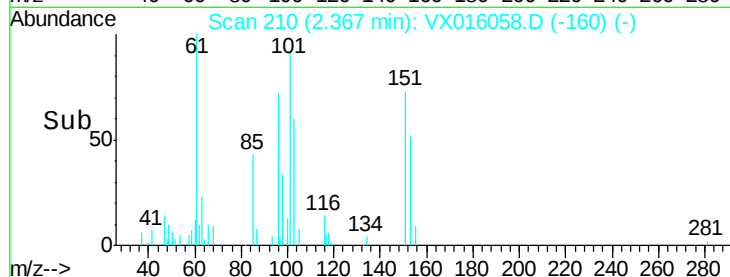
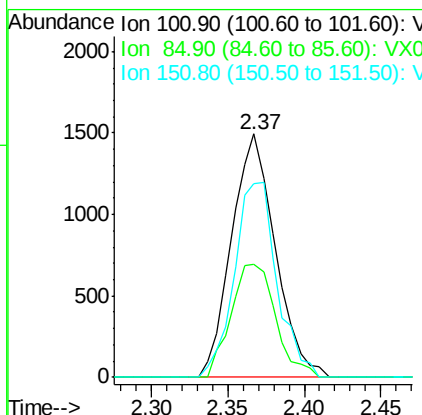
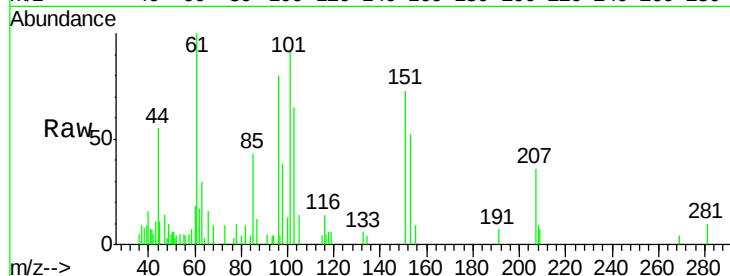
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	101	Resp:	2964
Ion Ratio	Lower	Upper	
101	100		
85	47.5	34.2	51.4
151	78.1	62.1	93.1

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#10

Methyl Iodide

Concen: 0.765 ug/l

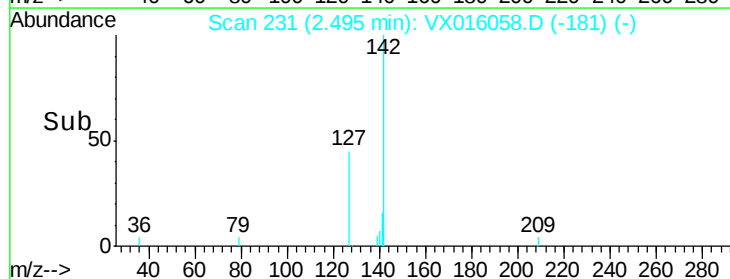
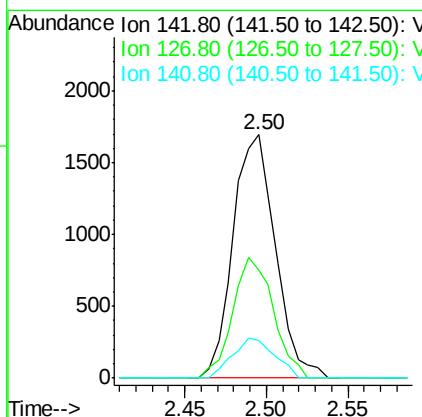
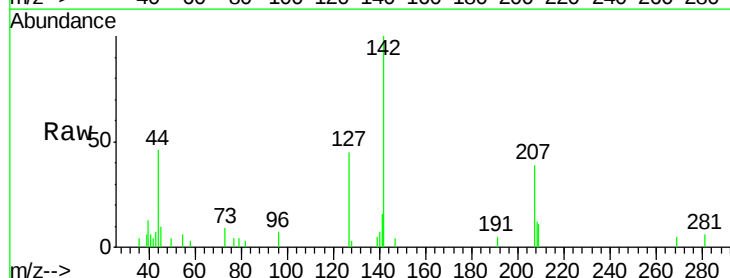
RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	142	Resp:	3061
Ion Ratio	Lower	Upper	
142	100		
127	47.7	34.6	52.0
141	16.2	11.3	16.9





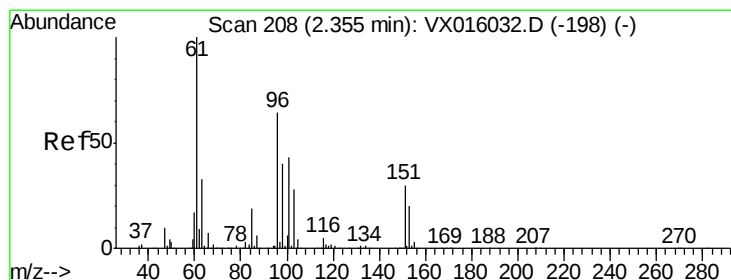
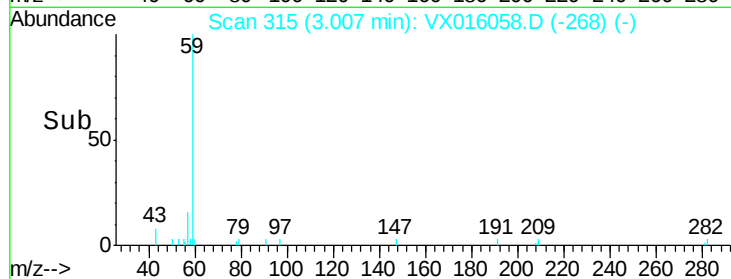
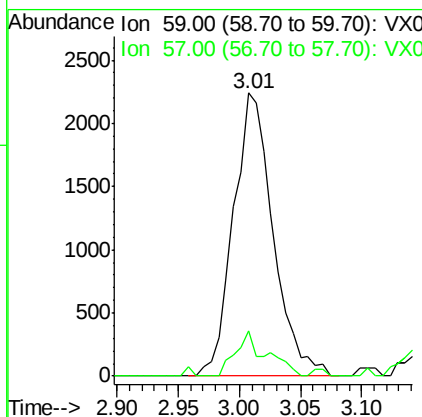
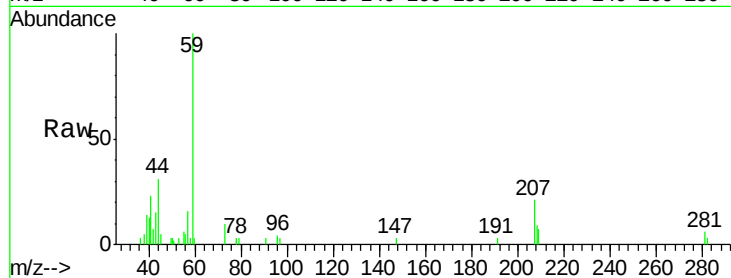
#11
Tert butyl alcohol
Concen: 5.060 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.2	12.4

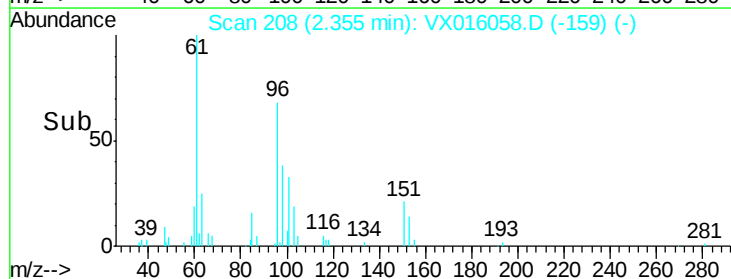
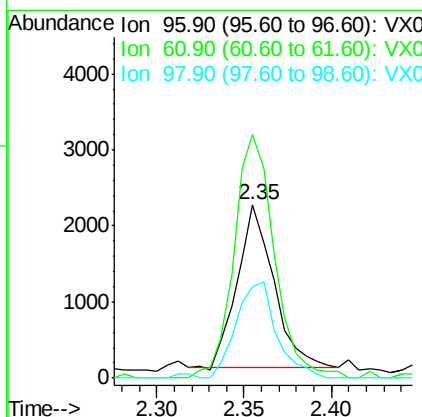
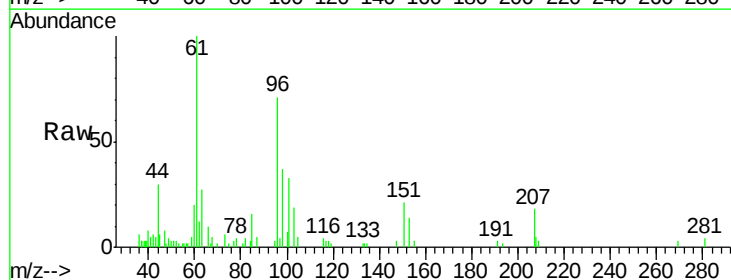
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 0.997 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	124.8	187.2
98	55.9	49.7	74.5





#13

Acrolein

Concen: 5.087 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 56 Resp: 3177

Ion Ratio Lower Upper

56 100

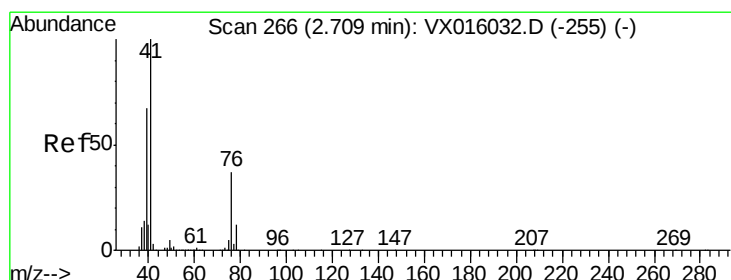
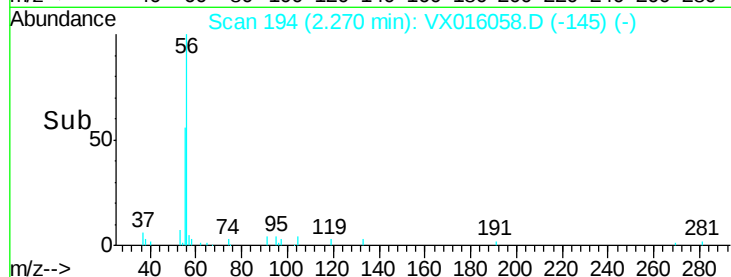
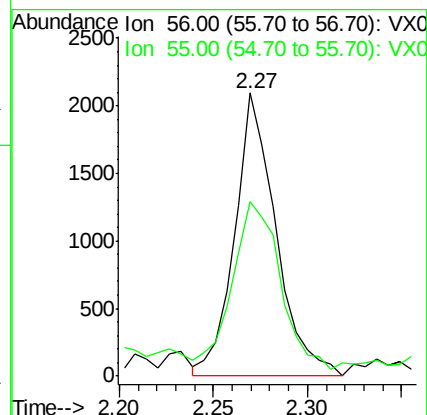
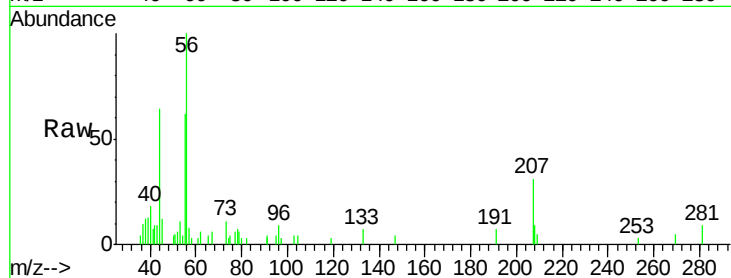
55 68.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 0.984 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

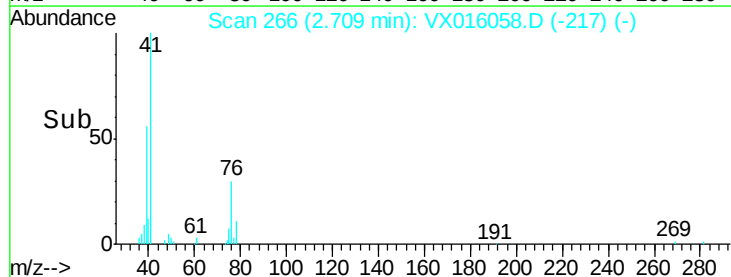
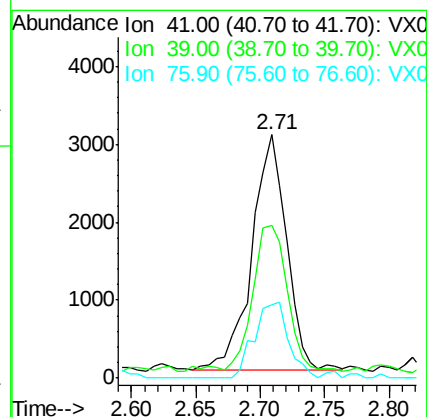
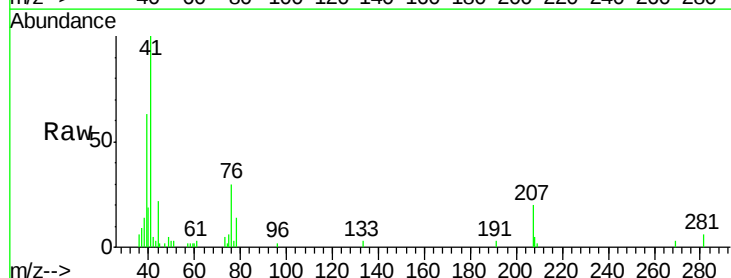
Tgt Ion: 41 Resp: 5625

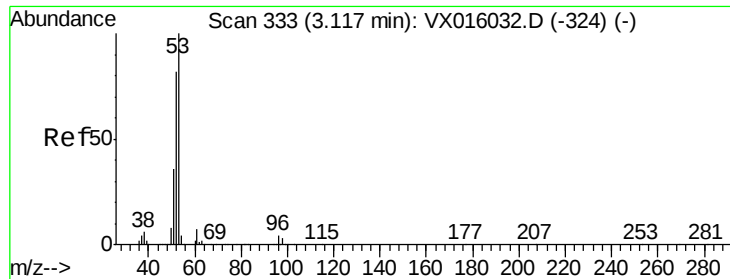
Ion Ratio Lower Upper

41 100

39 62.4 50.5 75.7

76 31.7 26.6 40.0





#15

Acrylonitrile

Concen: 4.675 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

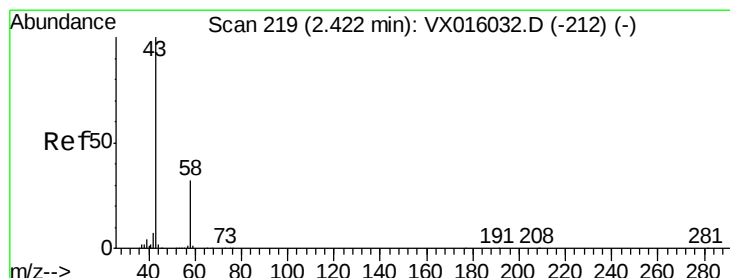
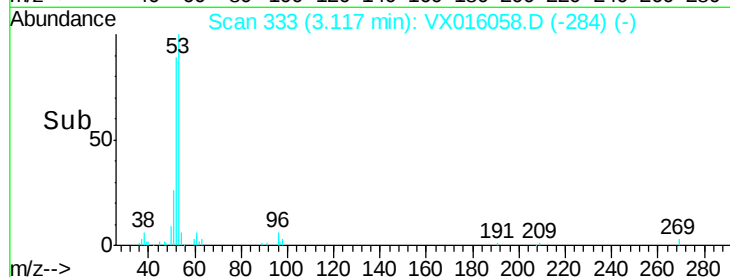
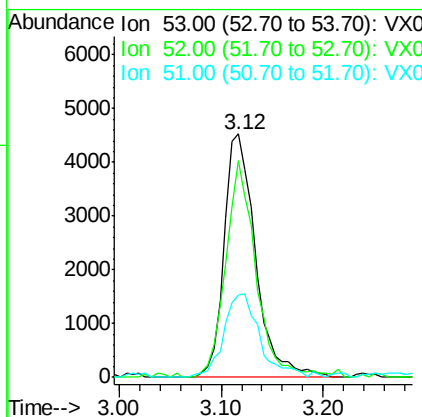
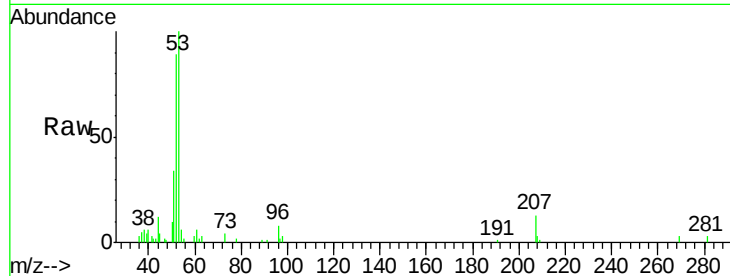
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	53	Resp:	9678
Ion	Ratio	Lower	Upper
53	100		
52	86.1	66.1	99.1
51	38.8	28.8	43.2

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#16

Acetone

Concen: 5.241 ug/l

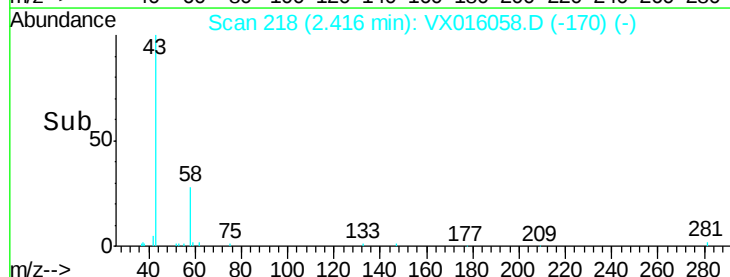
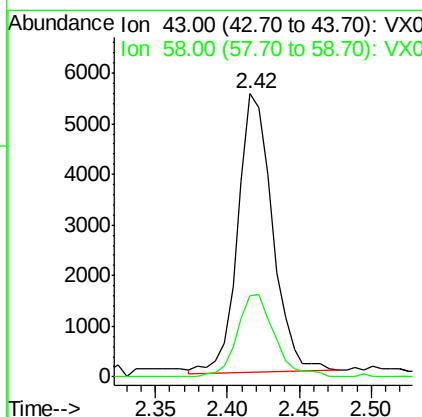
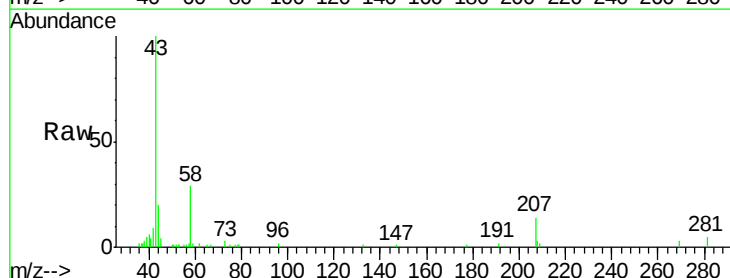
RT: 2.42 min Scan# 218

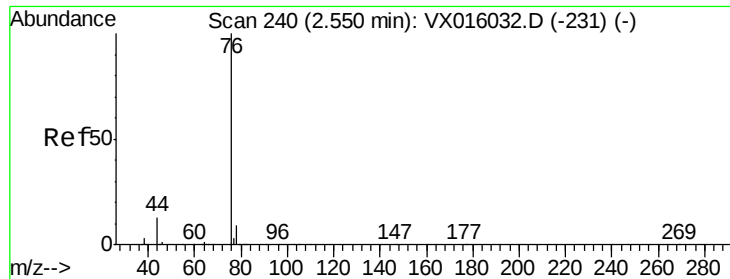
Delta R.T. -0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	43	Resp:	9229
Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.4	38.0





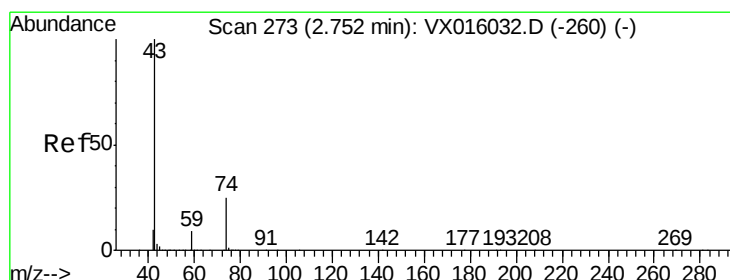
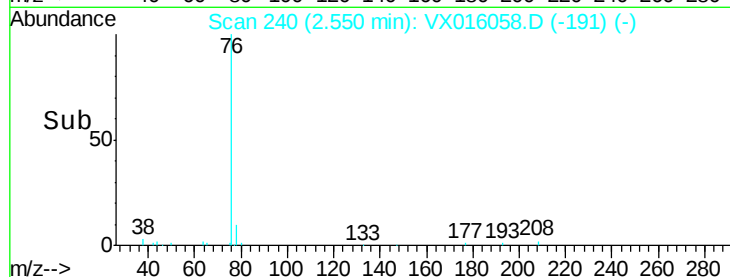
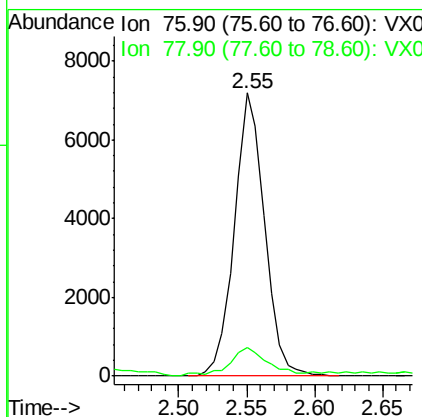
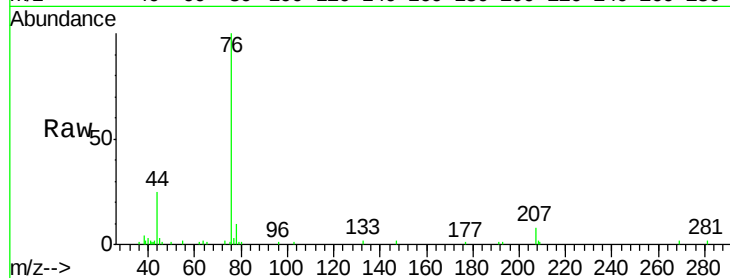
#17
Carbon Disulfide
Concen: 1.050 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

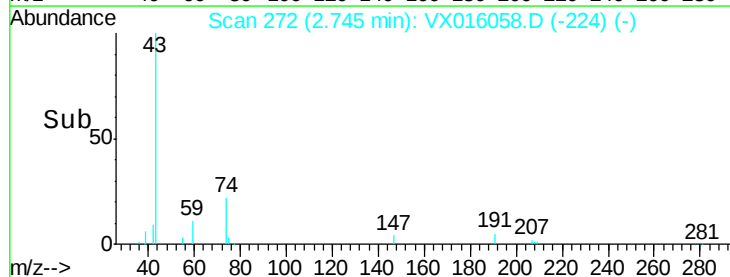
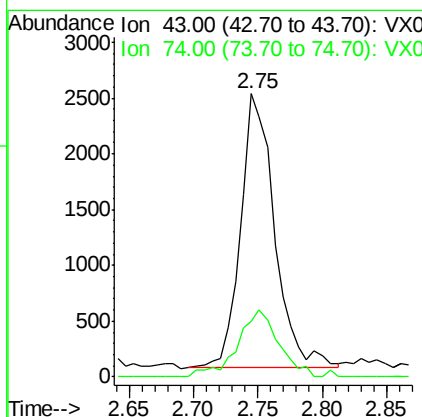
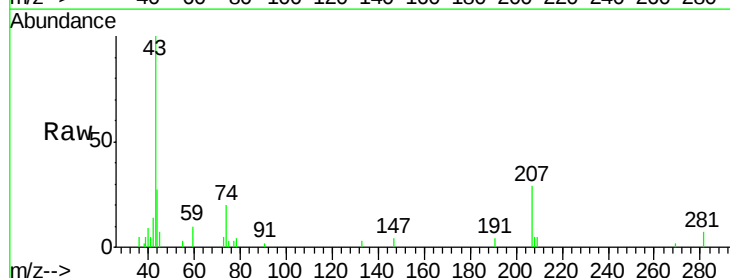
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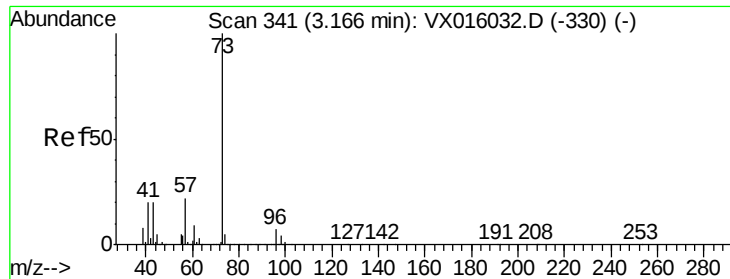
MMDadoda
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#18
Methyl Acetate
Concen: 1.027 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.9	20.2	30.2





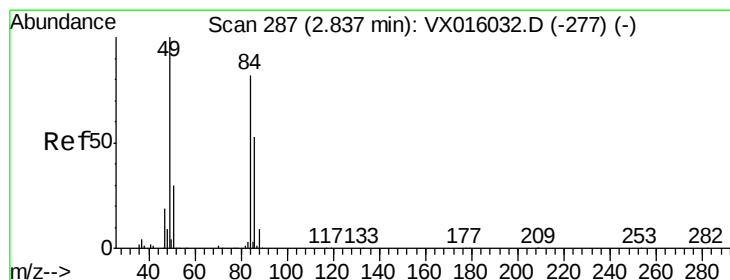
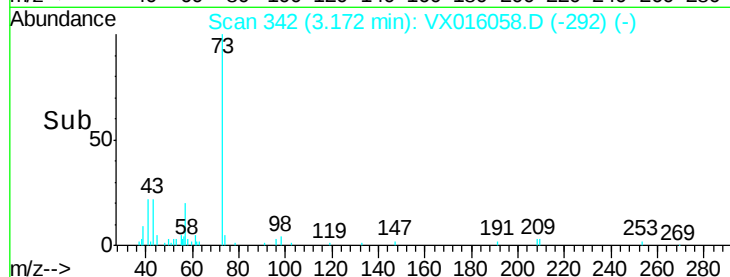
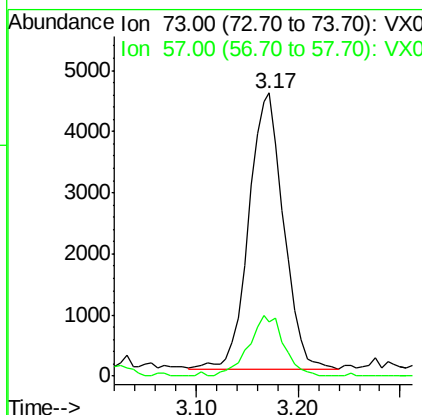
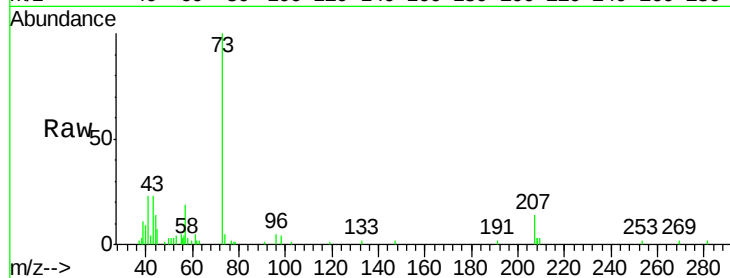
#19
Methvl tert-butvl Ether
Concen: 0.997 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.8	26.6

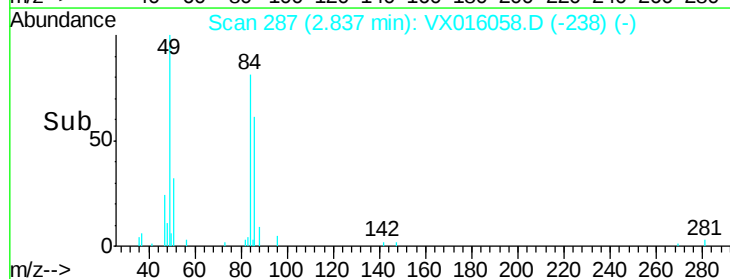
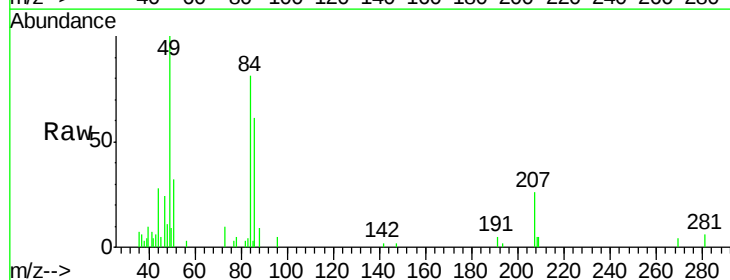
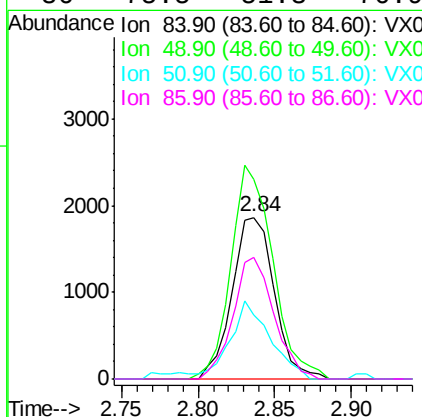
Manual Integrations
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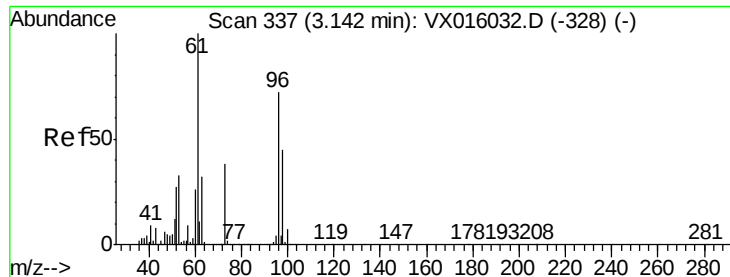
MMDadoda
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#20
Methylene Chloride
Concen: 0.983 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	97.3	145.9
51	39.3	29.3	43.9
86	75.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 1.022 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

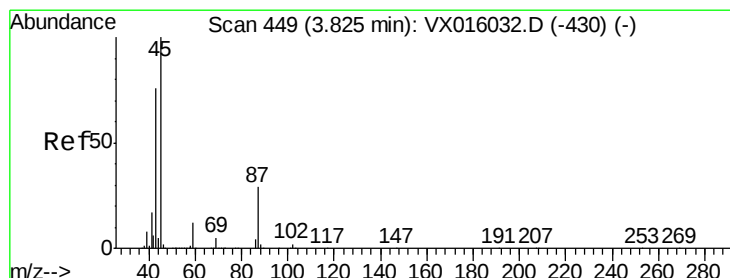
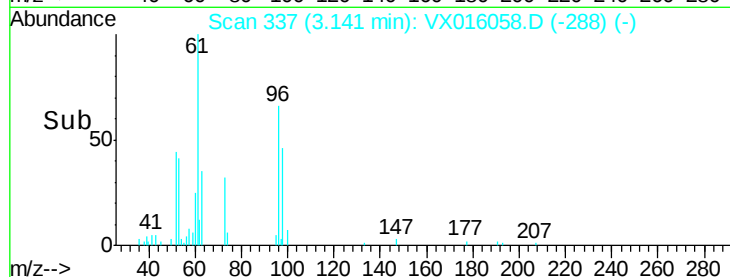
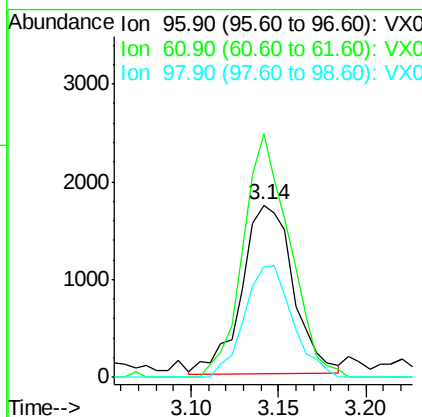
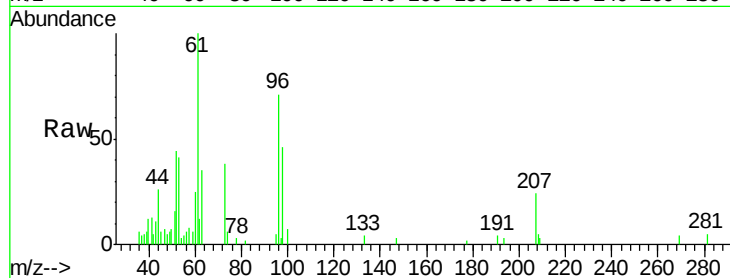
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	96	Resp:	3550
Ion	Ratio	Lower	Upper
96	100		
61	146.3	111.2	166.8
98	66.6	50.2	75.4

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#22

Diisopropyl ether

Concen: 0.983 ug/l

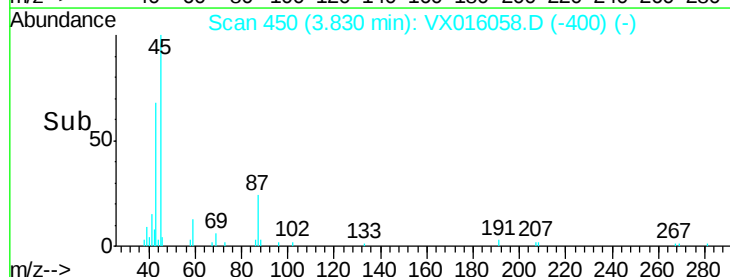
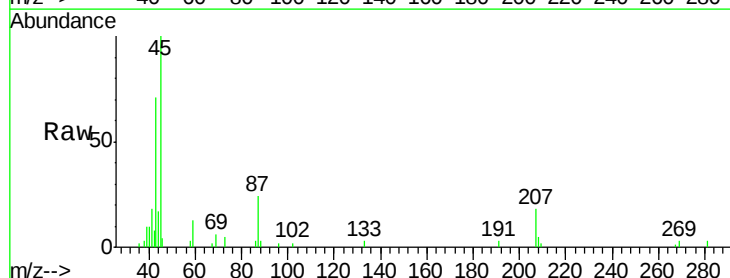
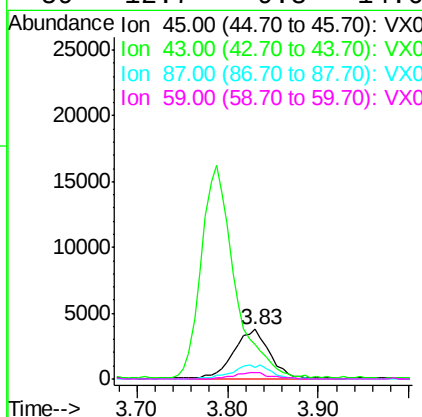
RT: 3.83 min Scan# 450

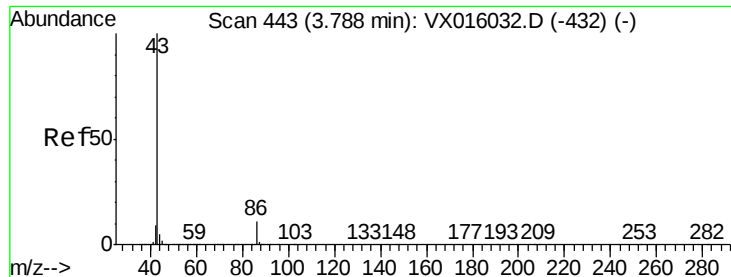
Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	45	Resp:	10606
Ion	Ratio	Lower	Upper
45	100		
43	69.4	61.1	91.7
87	23.6	23.0	34.6
59	12.7	9.8	14.6





#23

Vinyl Acetate

Concen: 4.433 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 42061

Ion Ratio Lower Upper

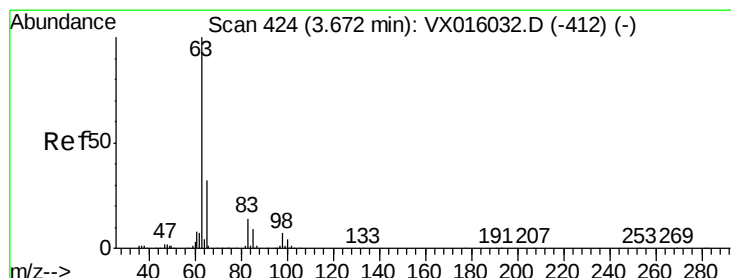
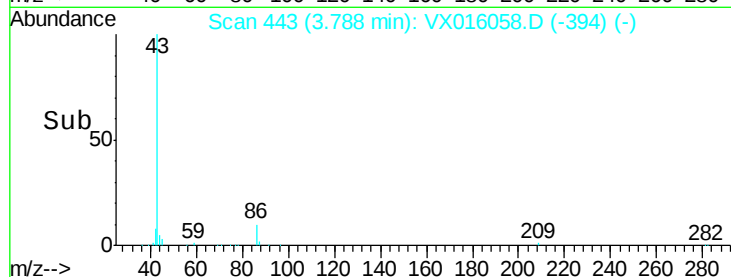
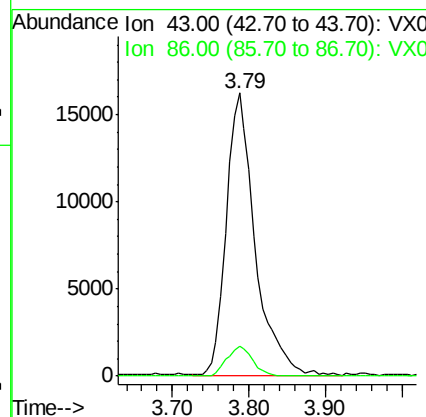
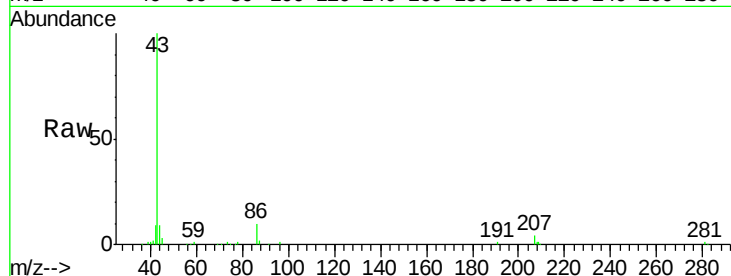
43 100

86 10.4 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 1.026 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

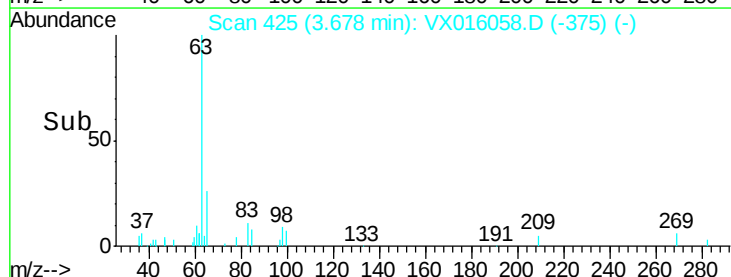
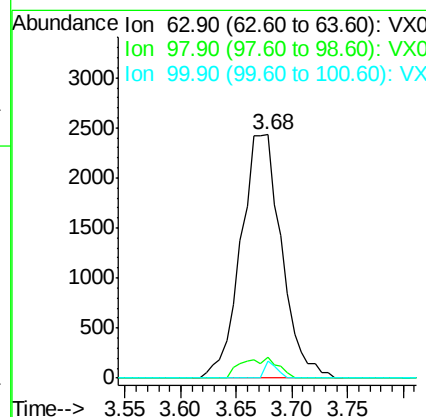
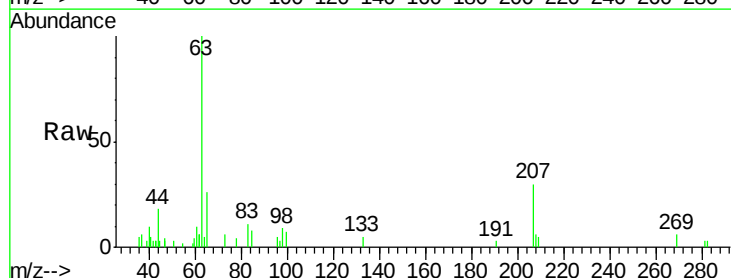
Tgt Ion: 63 Resp: 6191

Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

100 7.2 2.1 6.5#





#25

2-Butanone

Concen: 4.670 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 13253

Ion Ratio Lower Upper

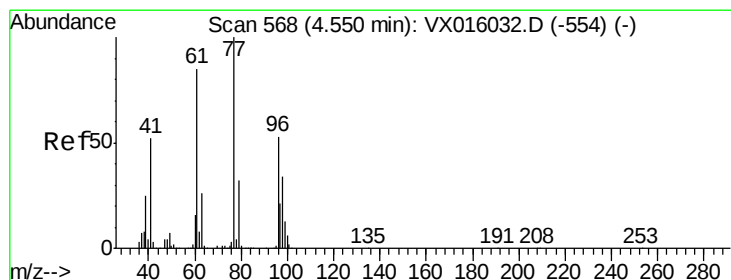
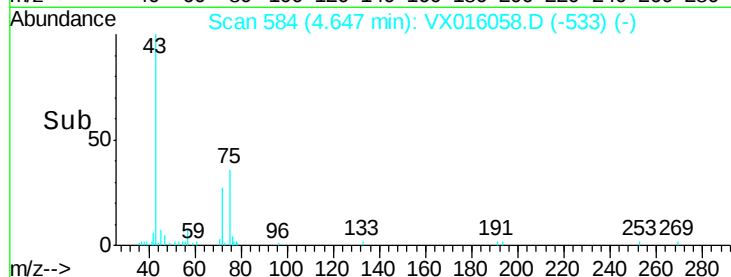
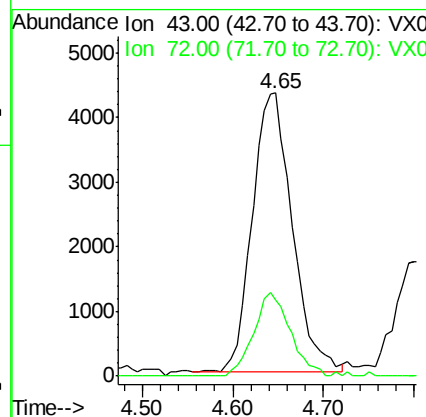
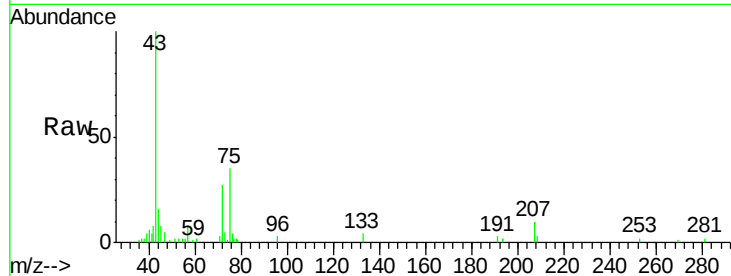
43 100

72 27.1 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 0.986 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX016058.D

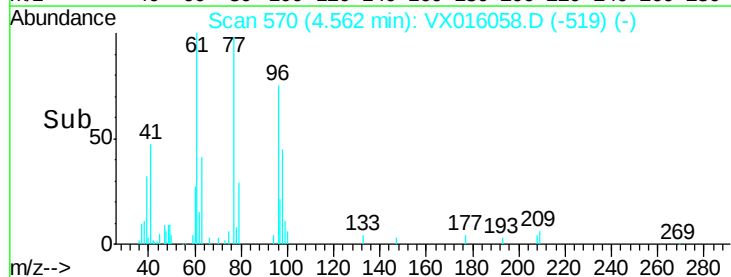
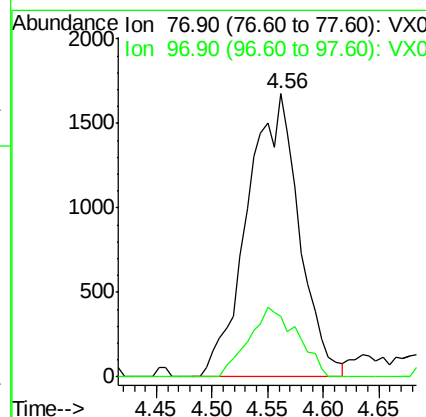
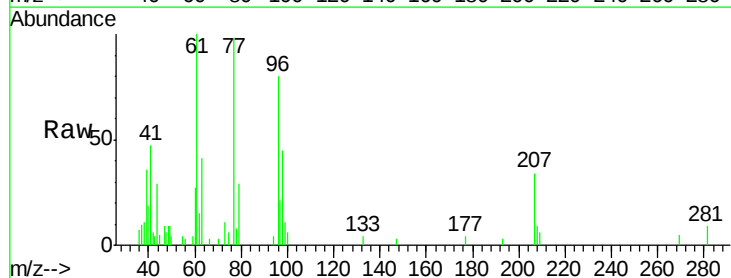
Acq: 05 May 2020 13:04

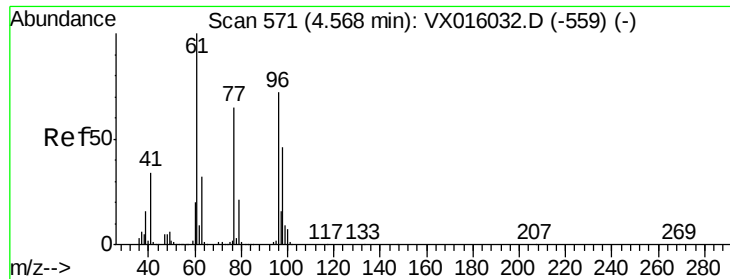
Tgt Ion: 77 Resp: 5432

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6





#27

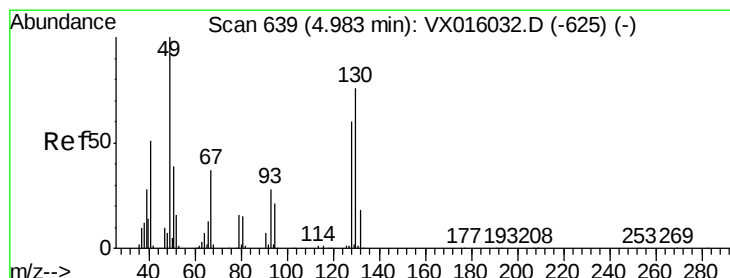
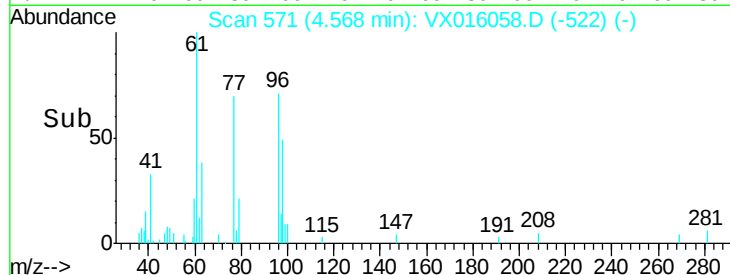
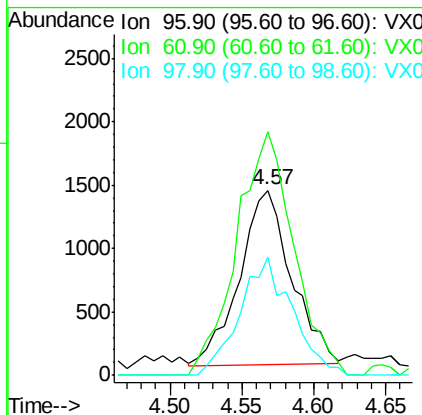
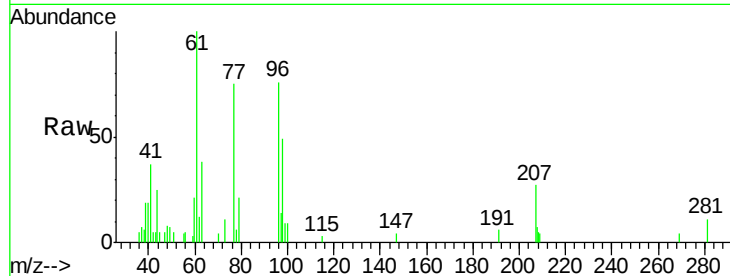
cis-1,2-Dichloroethene
Concen: 0.906 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	296.2
98	68.1	0.0	129.4

Manual Integrations
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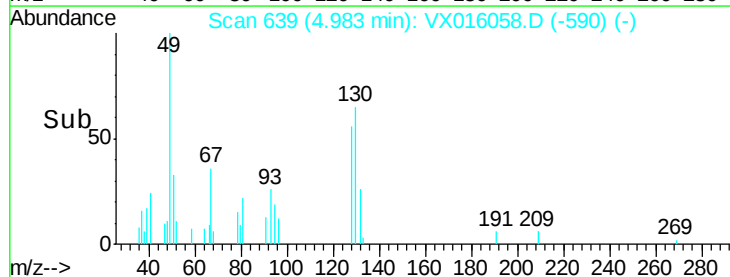
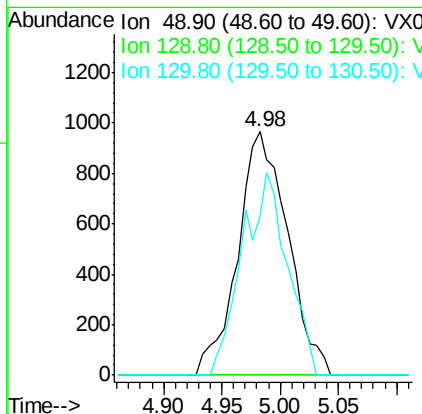
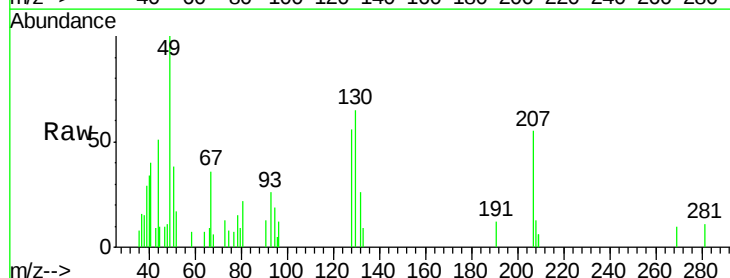
MMDadoda
5/6/2020 12:27:23 PM

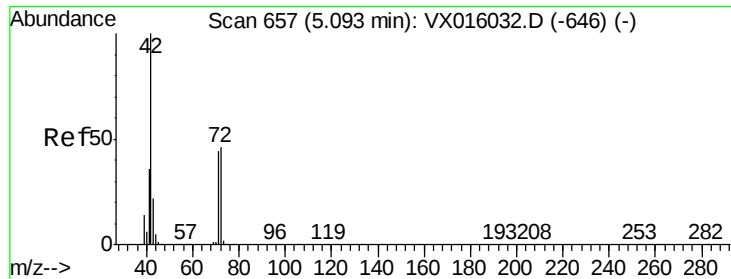


#28

Bromochloromethane
Concen: 1.044 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	75.1	62.4	93.6





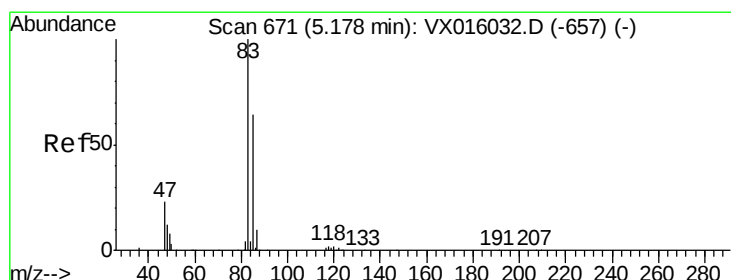
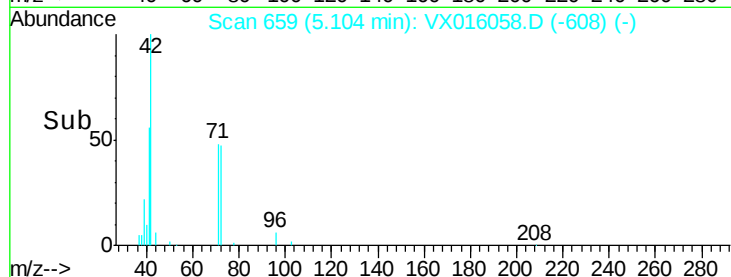
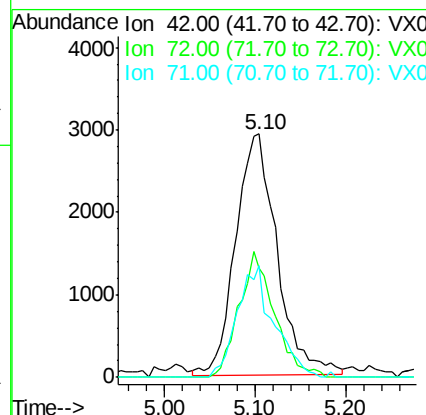
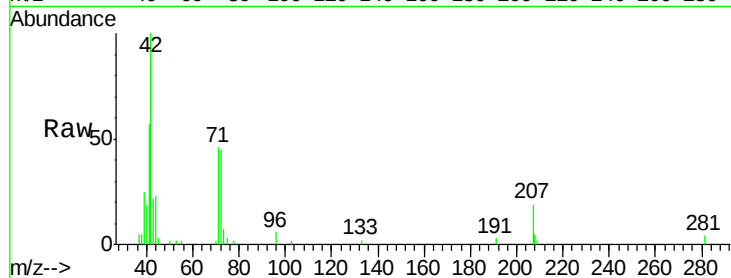
#29
Tetrahydrofuran
Concen: 4.948 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	37.1	55.7
71	40.8	34.5	51.7

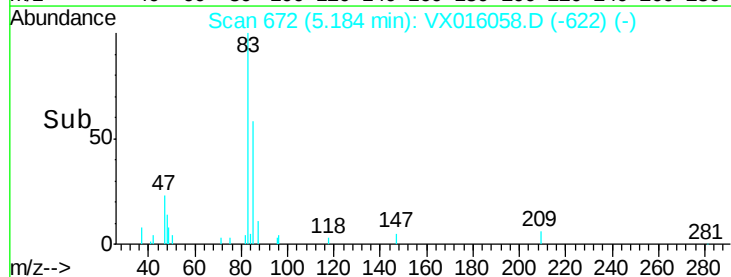
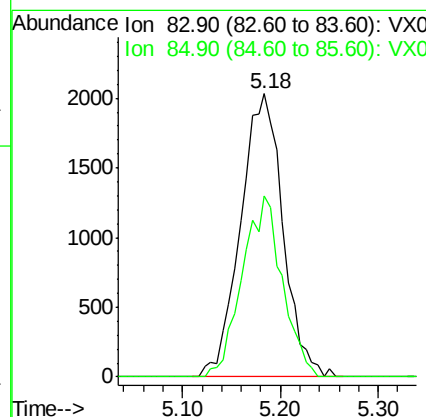
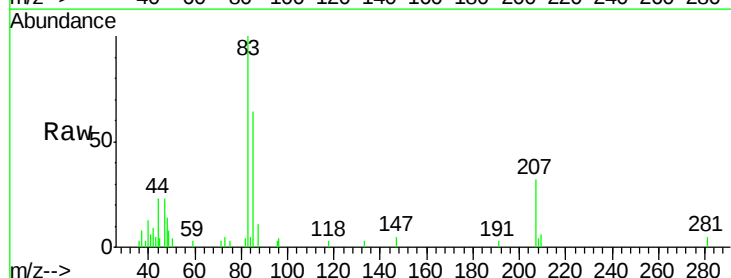
Manual Integrations
APPROVED

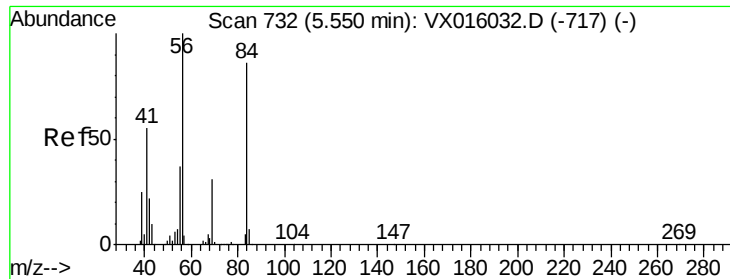
MMDadoda
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#30
Chloroform
Concen: 1.016 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4





#31

Cyclohexane

Concen: 0.989 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

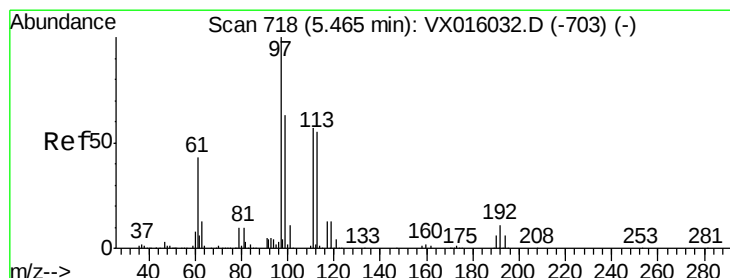
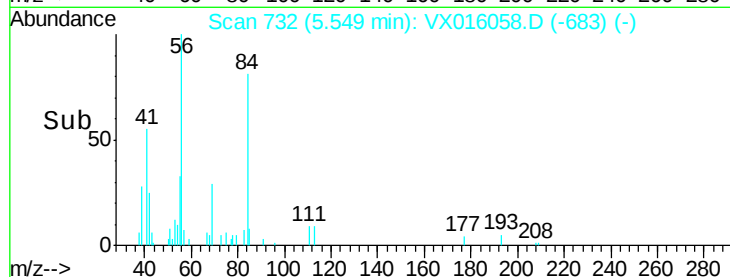
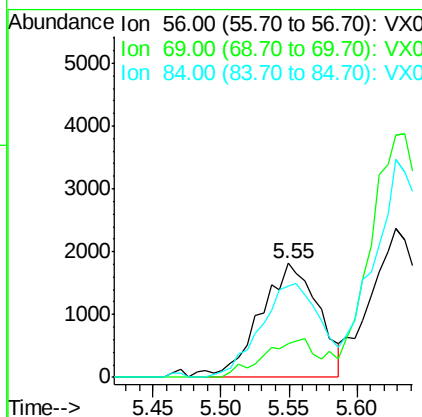
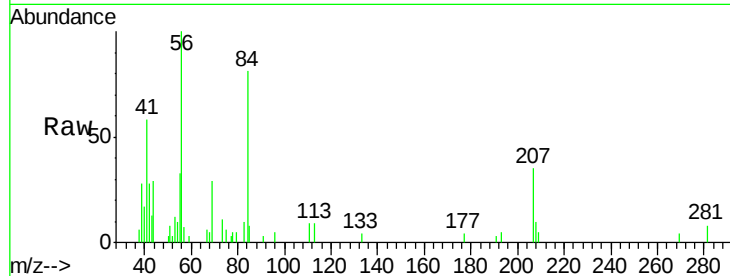
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	56	Resp:	5421
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.0	37.6
84	80.6	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 0.979 ug/l

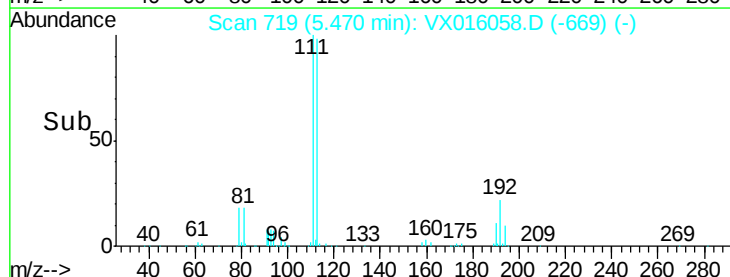
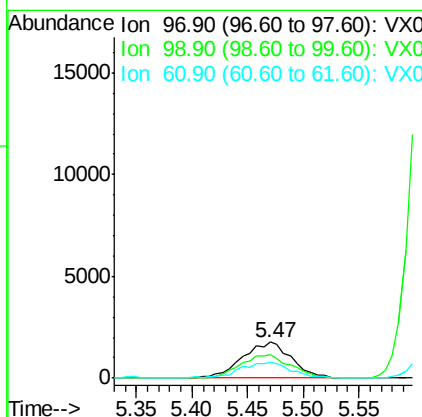
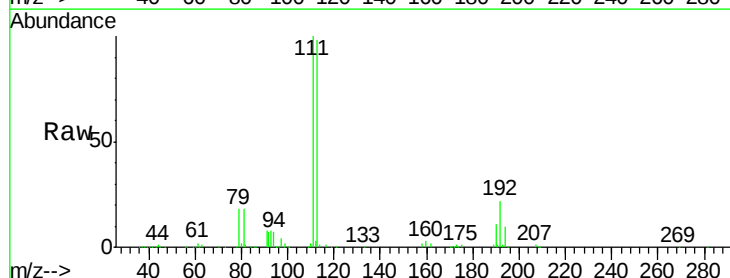
RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	97	Resp:	5345
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	45.7	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 48.141 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 65 Resp: 189995

Ion Ratio Lower Upper

65 100

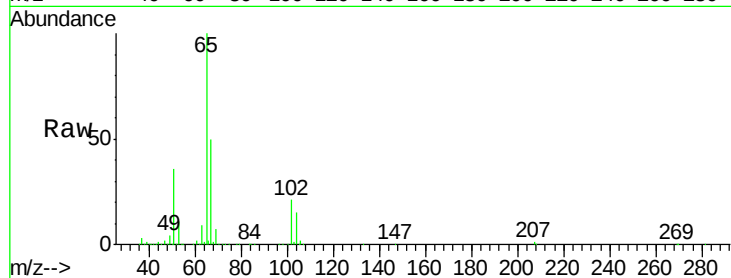
67 51.4 0.0 104.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

60000

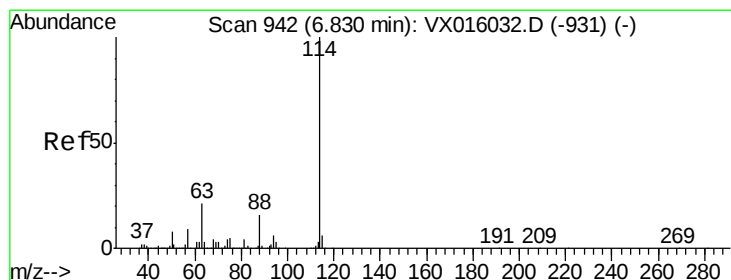
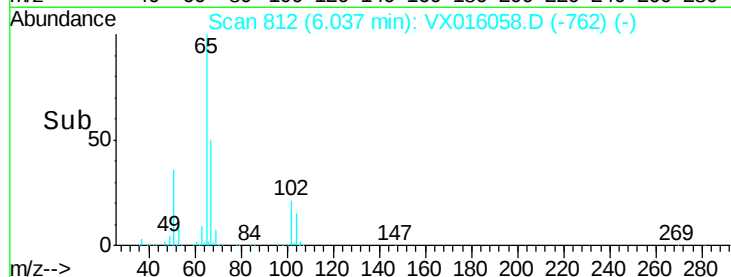
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

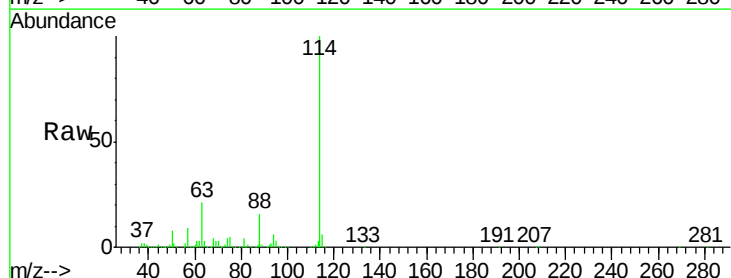
Tgt Ion: 114 Resp: 481665

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

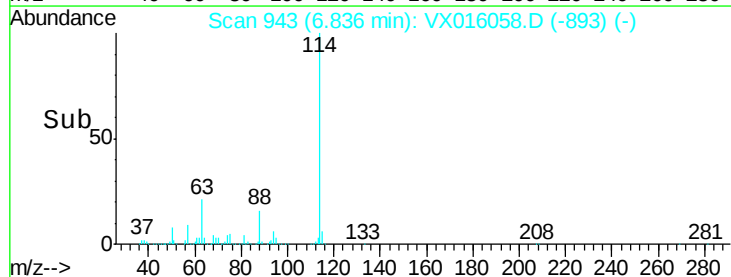
100000

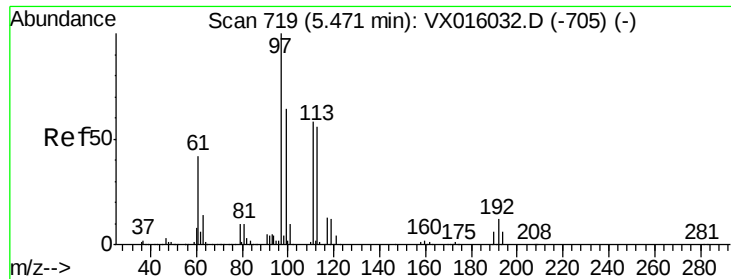
50000

0

Time-->

6.70 6.80 6.90 7.00





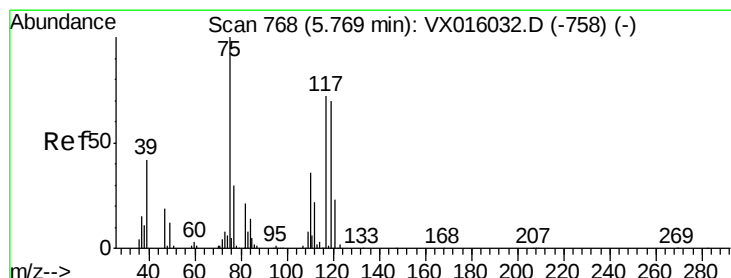
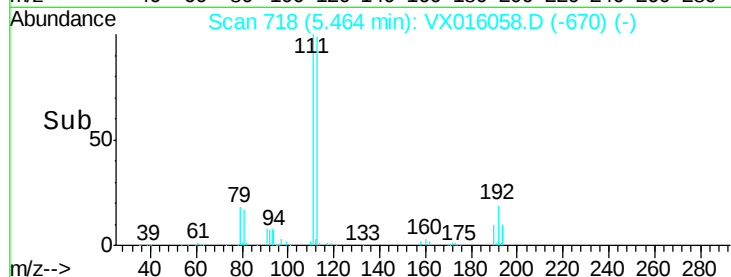
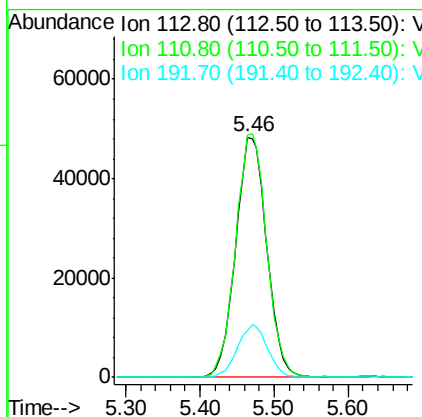
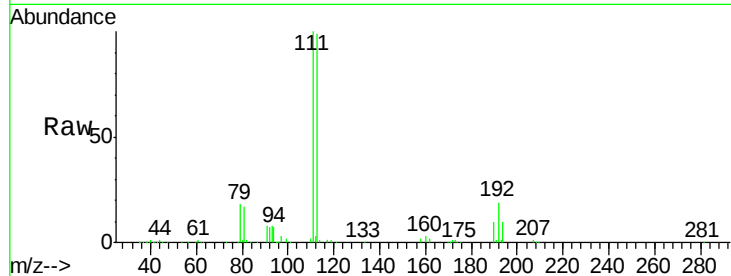
#35
Dibromofluoromethane
Concen: 46.339 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.2	81.6	122.4	
192	21.3	17.0	25.4	

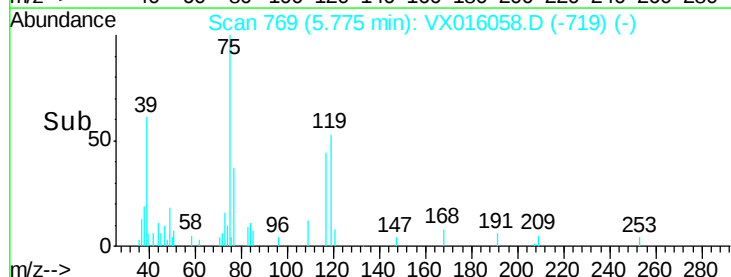
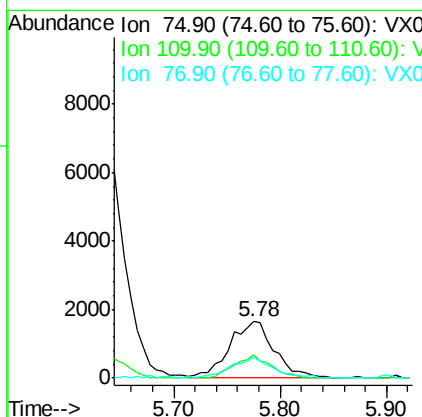
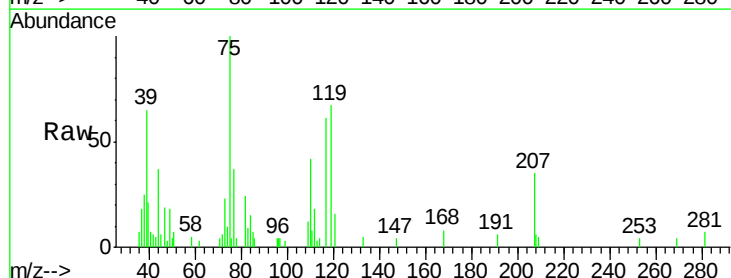
Manual Integrations
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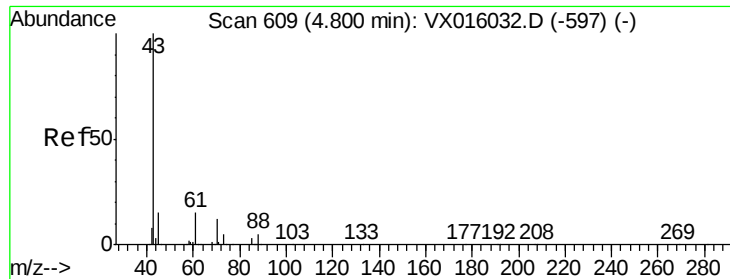
MMDadoda
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#36
1,1-Dichloropropene
Concen: 1.032 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.3	18.1	54.1	
77	34.1	25.0	37.6	





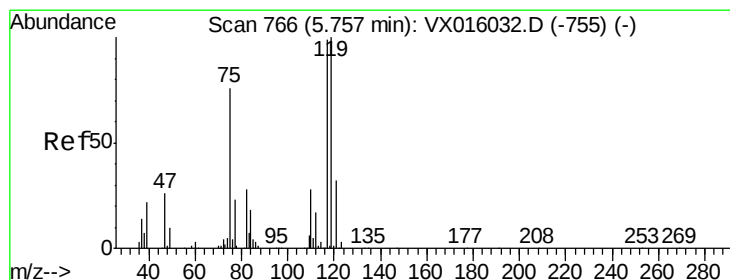
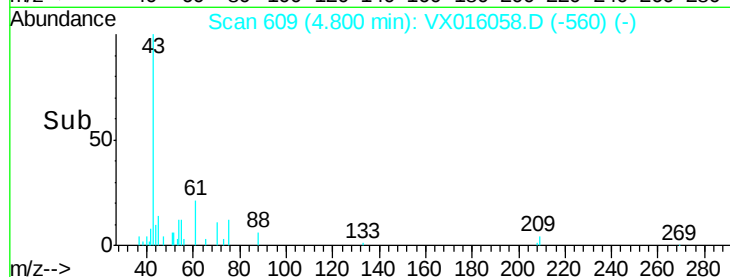
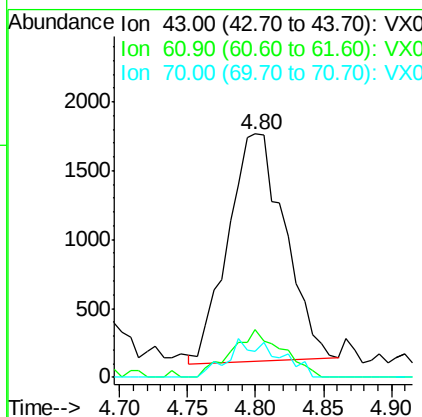
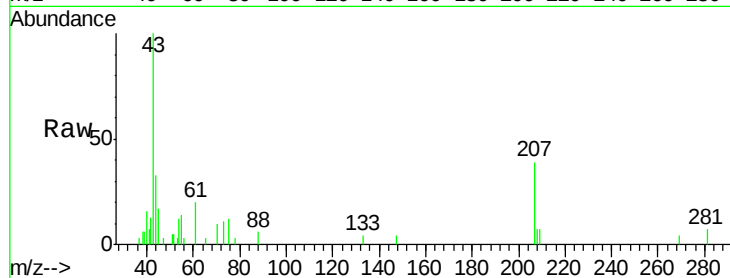
#37
Ethyl Acetate
Concen: 0.875 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	11.7	17.5#
70	7.9	9.3	13.9#

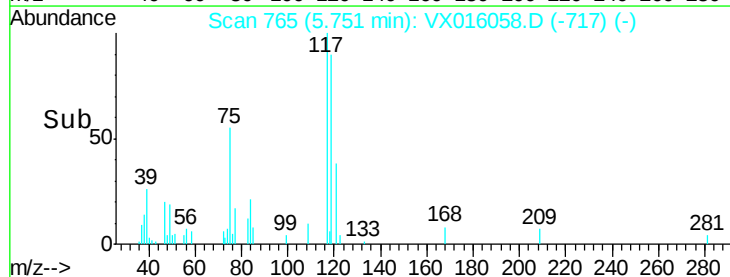
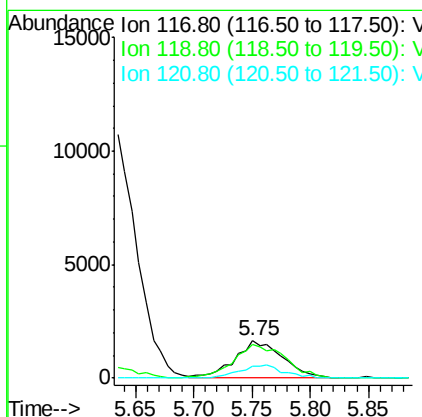
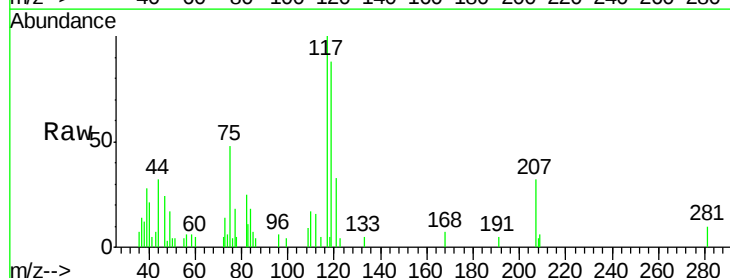
Manual Integrations
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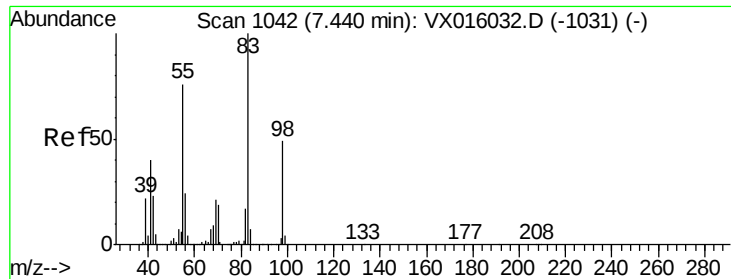
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#38
Carbon Tetrachloride
Concen: 0.969 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.2	80.3	120.5
121	32.8	25.7	38.5





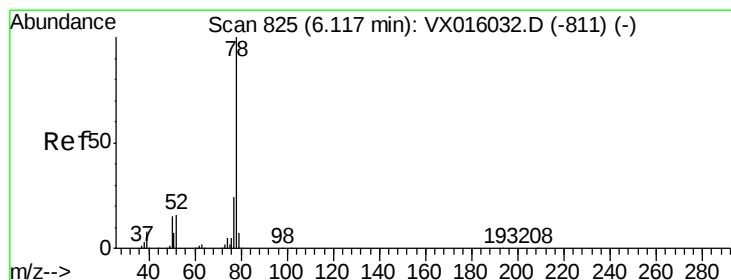
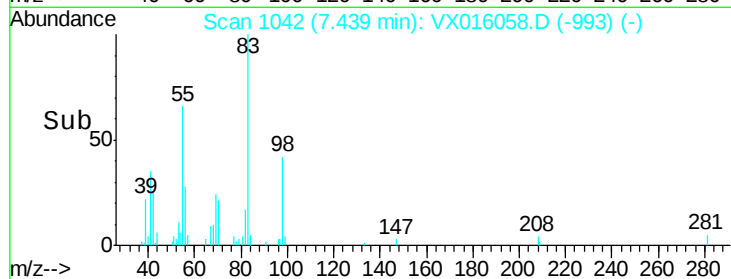
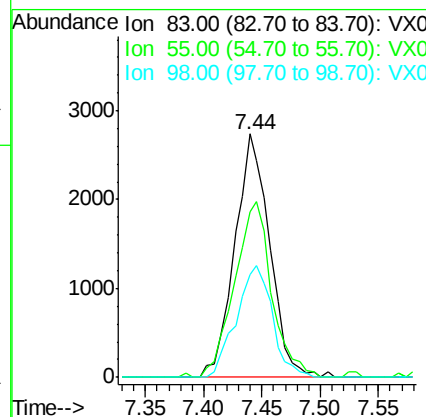
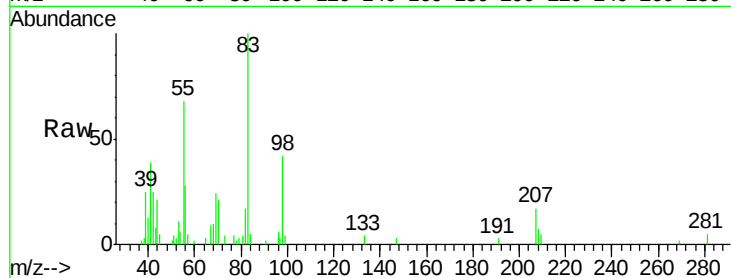
#39
Methylvlcyclohexane
Concen: 1.000 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	61.1	91.7
98	42.2	39.0	58.4

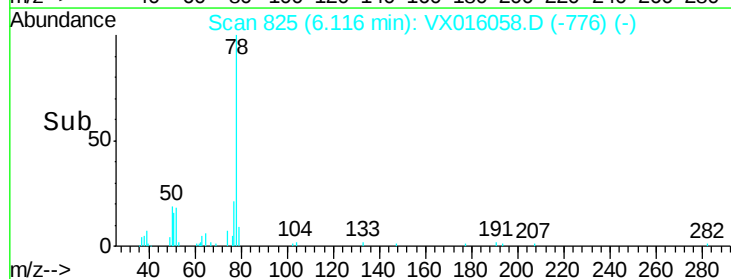
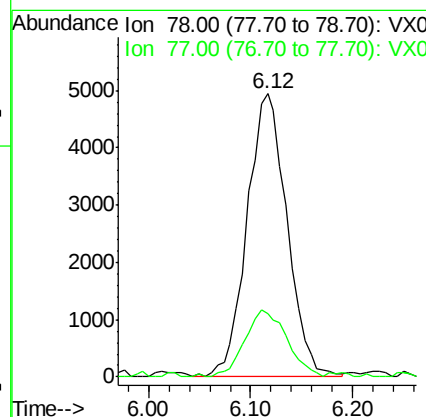
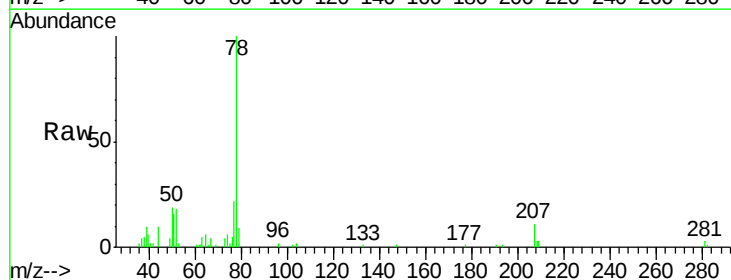
Manual Integrations
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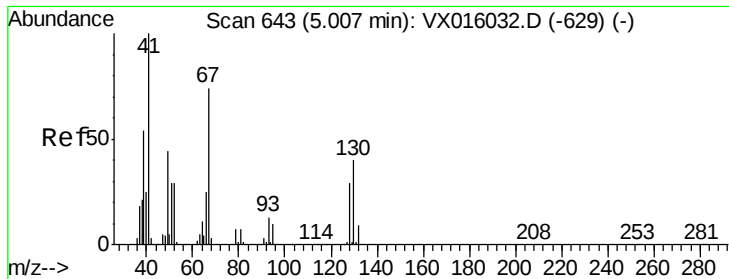
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#40
Benzene
Concen: 0.971 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.4





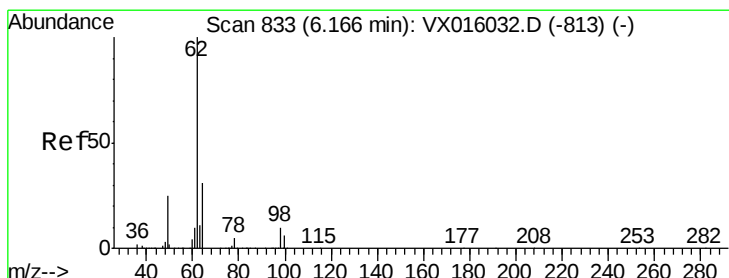
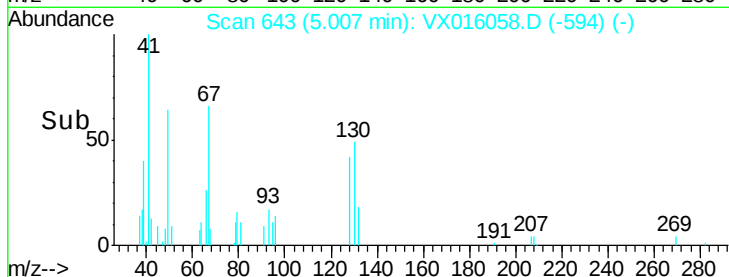
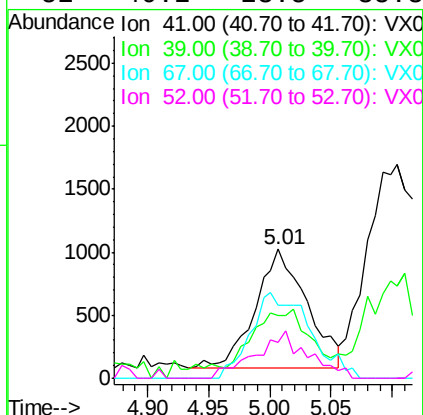
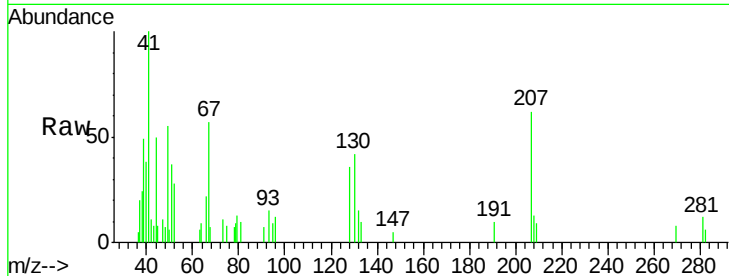
#41
Methacrylonitrile
Concen: 0.931 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	43.2	64.8
67	82.2	59.3	88.9
52	40.2	23.5	35.3

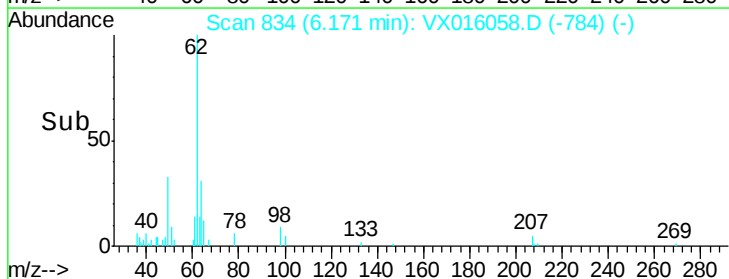
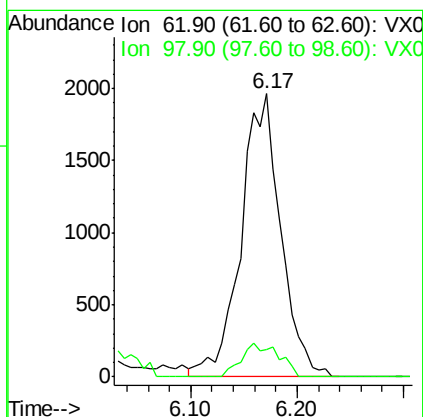
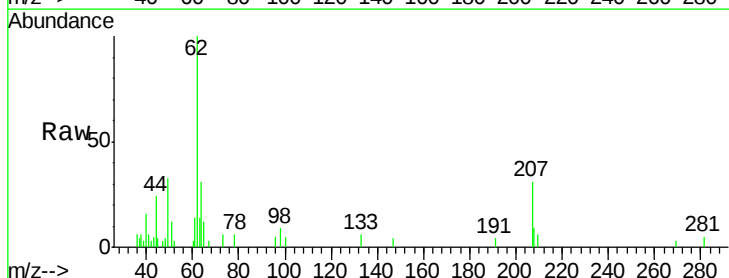
Manual Integrations
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5/6/2020 12:27:23 PM



#42
1,2-Dichloroethane
Concen: 1.030 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	19.4





#43

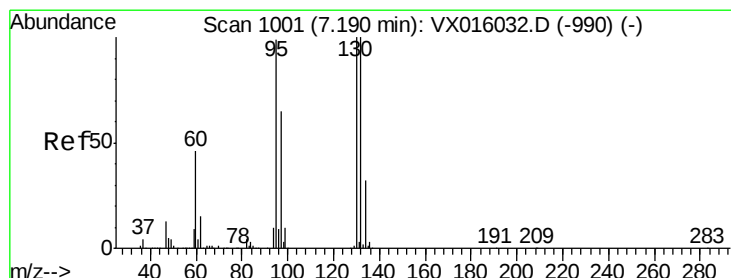
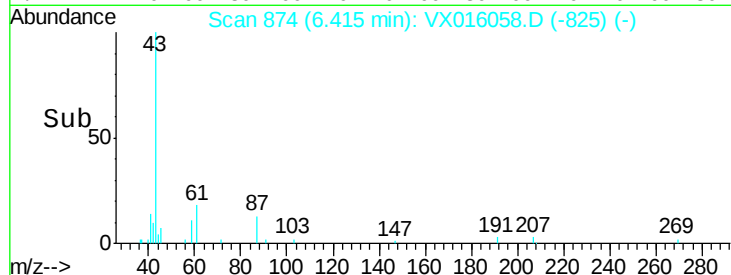
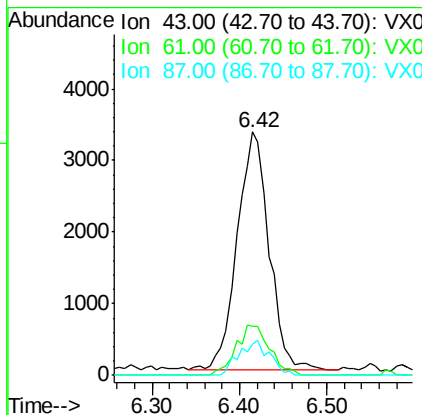
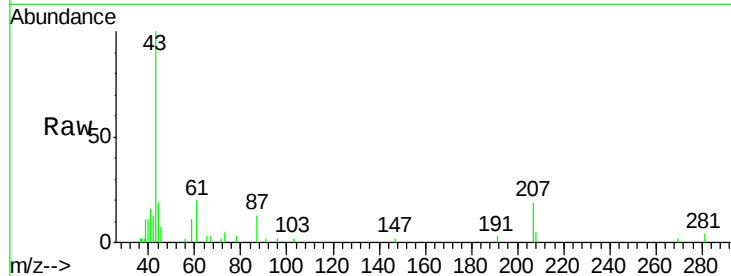
Isopropyl Acetate
 Concen: 0.963 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.1	11.0	16.6

Manual Integrations
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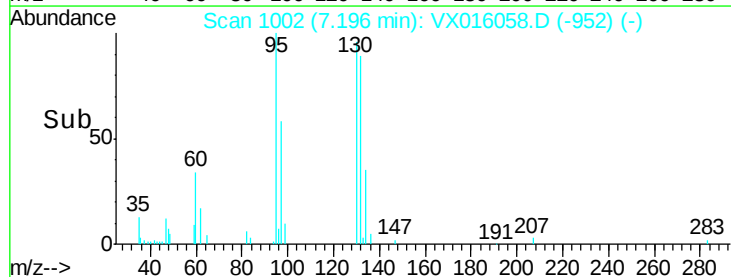
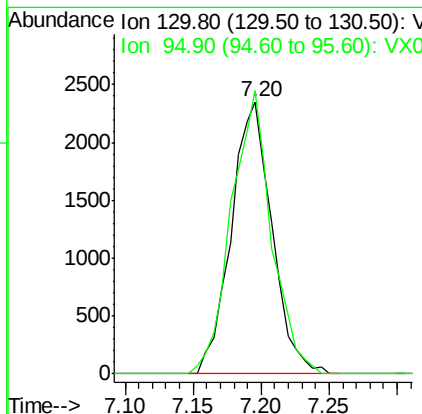
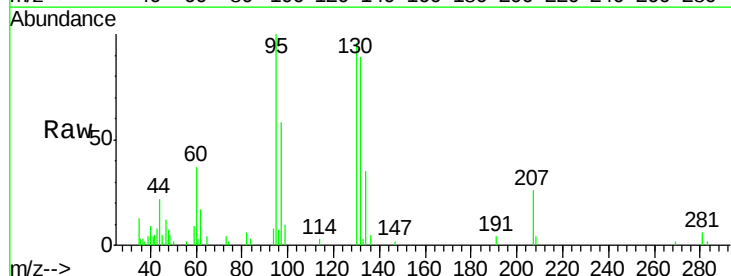
MMDadoda
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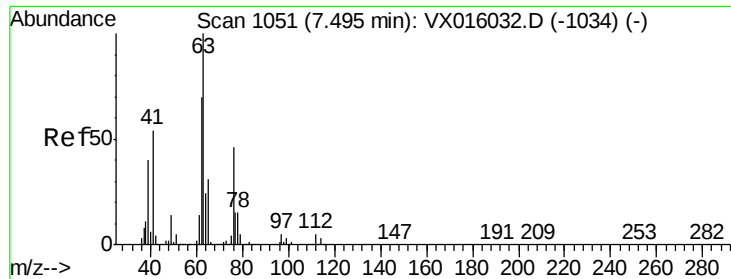


#44

Trichloroethene
 Concen: 0.998 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 0.978 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 63 Resp: 3433

Ion Ratio Lower Upper

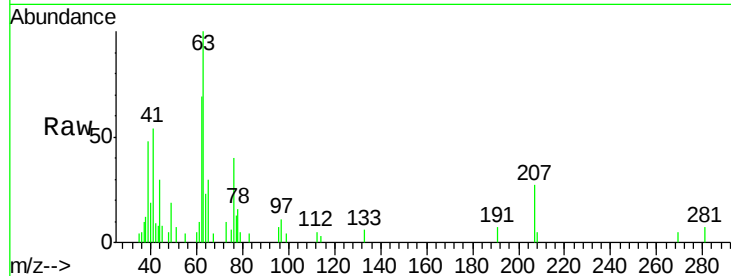
63 100

65 29.6 24.4 36.6

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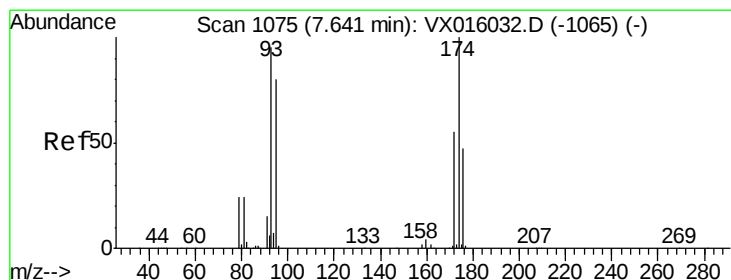
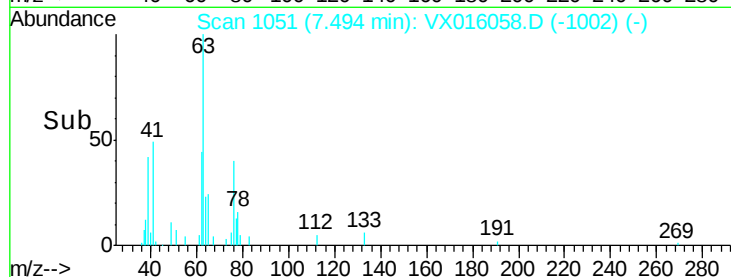
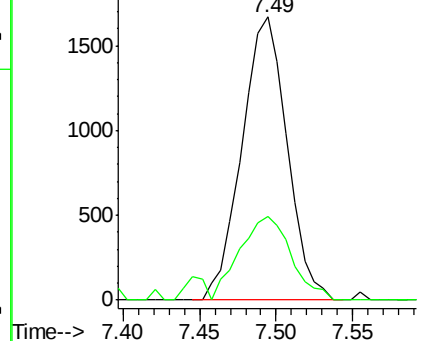
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.898 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

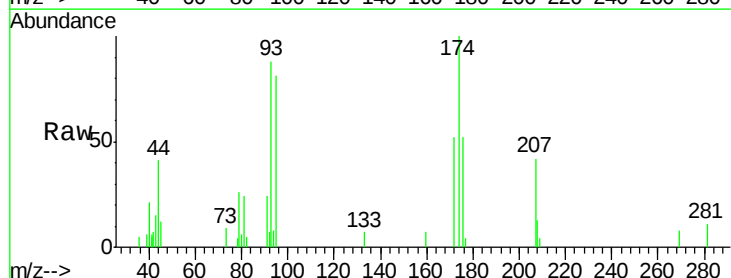
Tgt Ion: 93 Resp: 2142

Ion Ratio Lower Upper

93 100

95 97.7 66.6 100.0

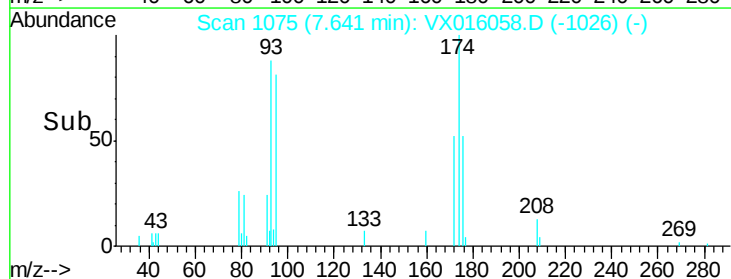
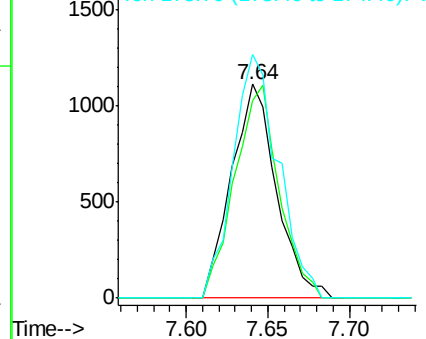
174 114.0 84.2 126.4

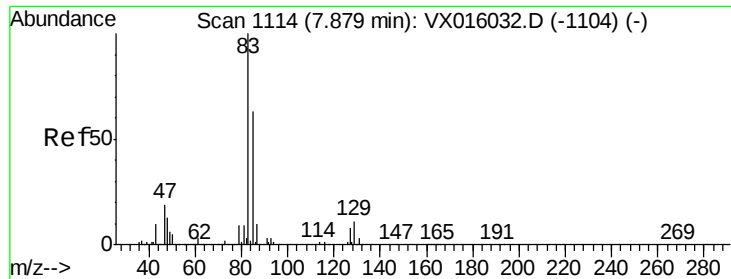


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.925 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

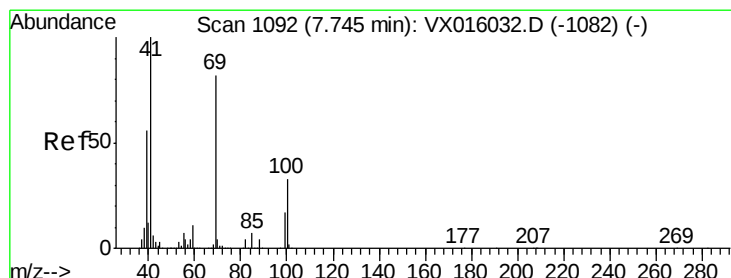
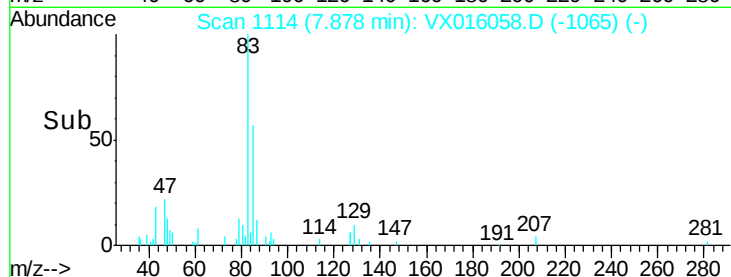
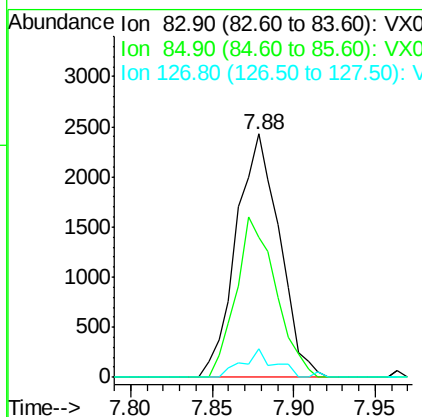
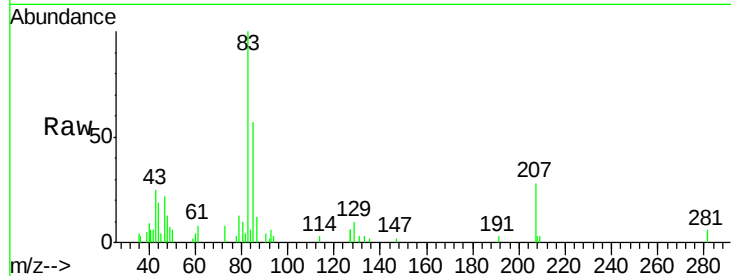
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	83	Resp:	4492
Ion	Ratio	Lower	Upper
83	100		
85	57.4	50.5	75.7
127	12.0	6.7	10.1#

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#48

Methyl methacrylate

Concen: 0.832 ug/l

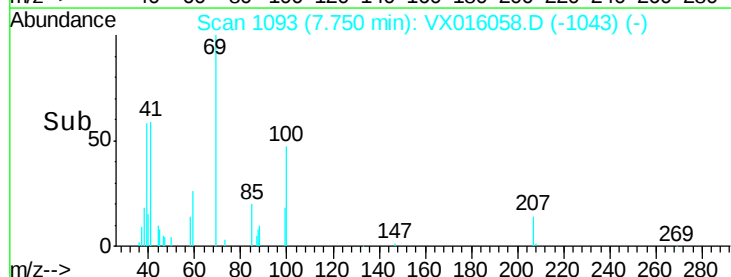
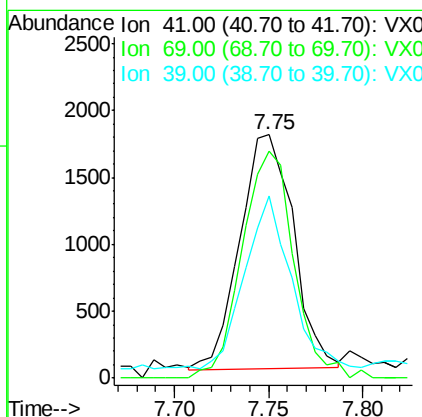
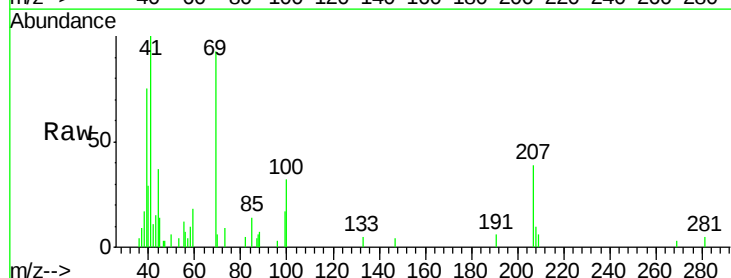
RT: 7.75 min Scan# 1093

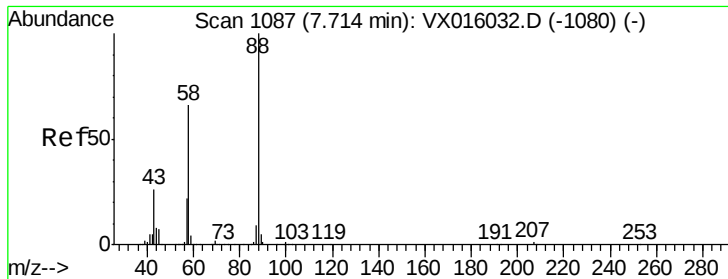
Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	41	Resp:	3457
Ion	Ratio	Lower	Upper
41	100		
69	93.8	67.8	101.6
39	64.1	44.6	67.0





#49

1,4-Dioxane

Concen: 19.309 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

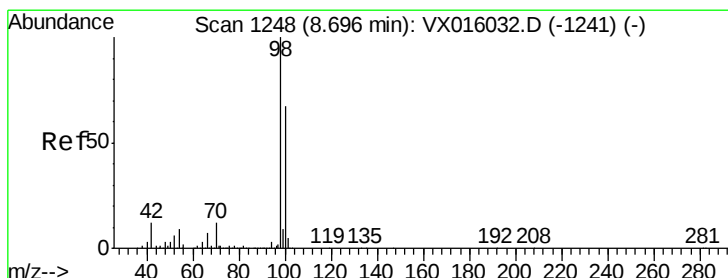
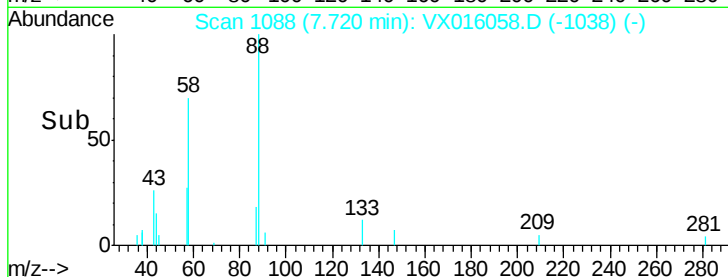
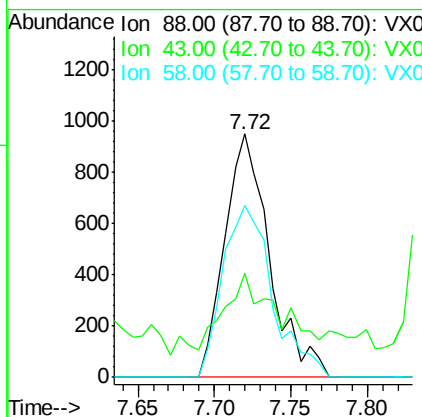
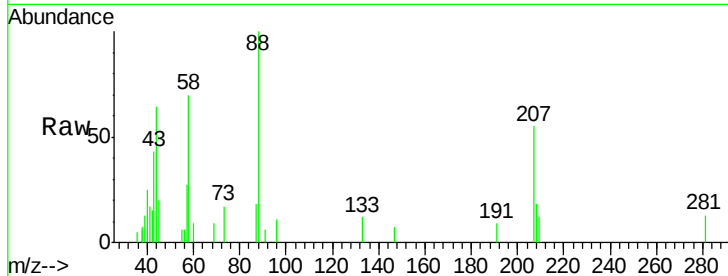
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	88	Resp:	1924
Ion	Ratio	Lower	Upper
88	100		
43	43.6	25.3	37.9#
58	78.2	55.9	83.9

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#50

Toluene-d8

Concen: 47.216 ug/l

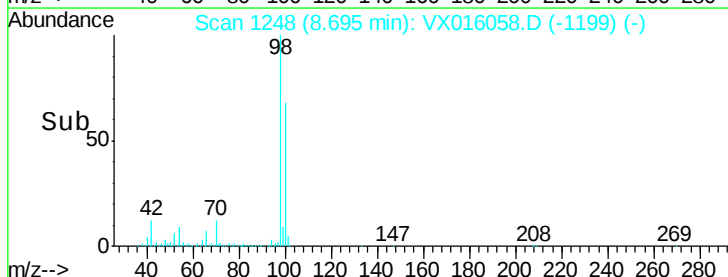
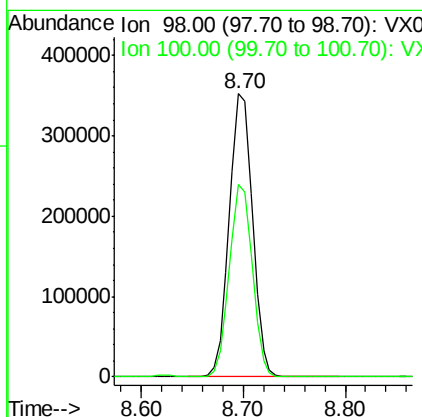
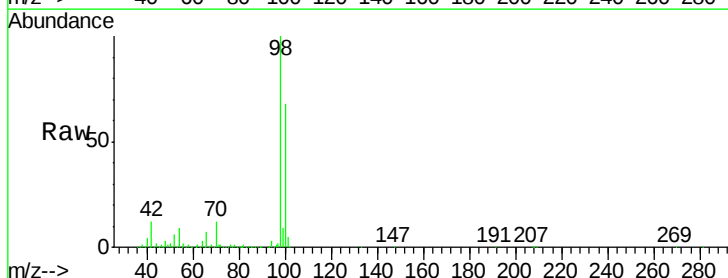
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	98	Resp:	555157
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 4.355 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 23369

Ion Ratio Lower Upper

43 100

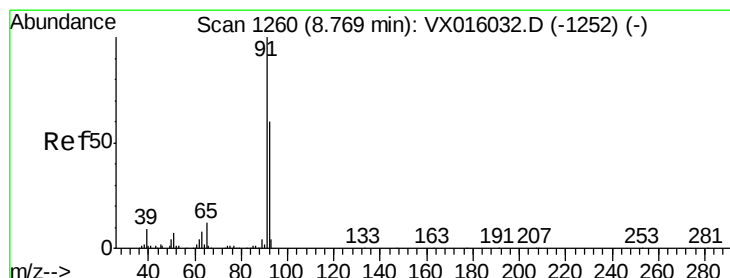
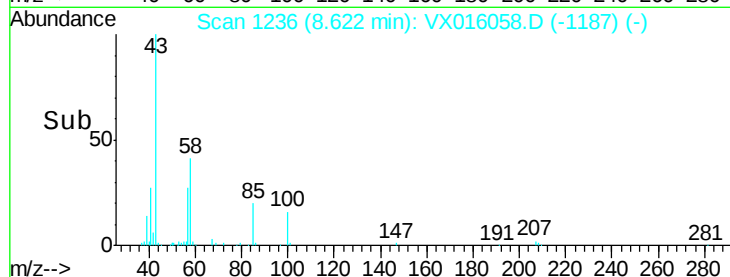
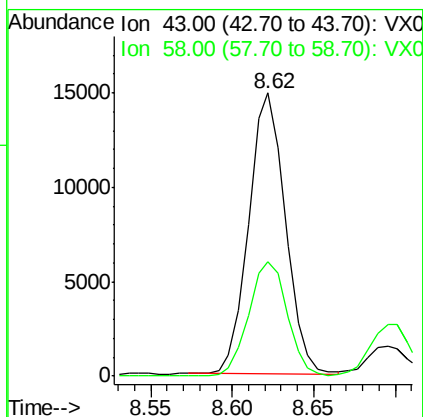
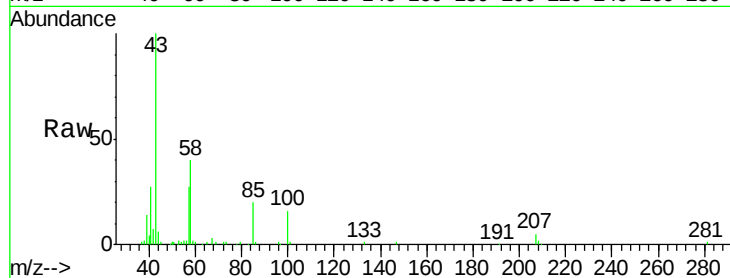
58 42.5 33.0 49.4

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#52

Toluene

Concen: 0.951 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016058.D

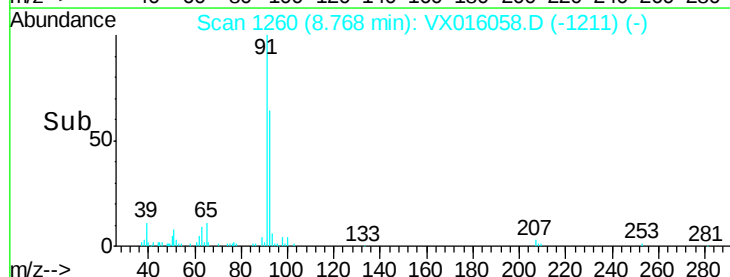
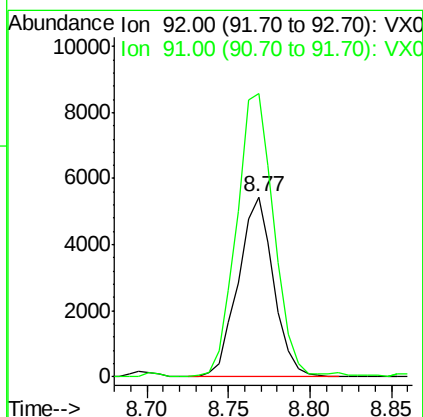
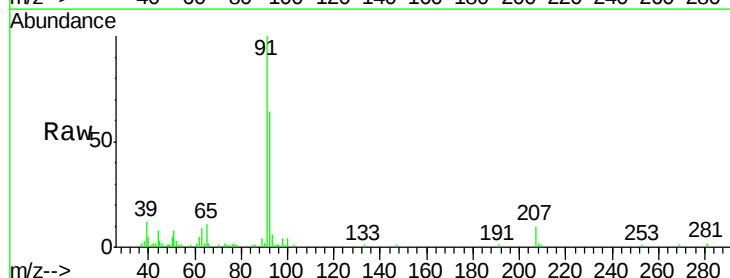
Acq: 05 May 2020 13:04

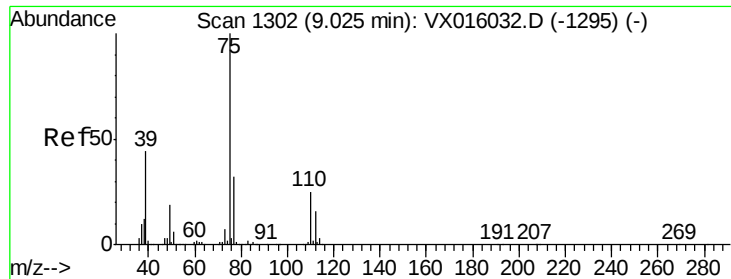
Tgt Ion: 92 Resp: 8224

Ion Ratio Lower Upper

92 100

91 165.9 134.5 201.7





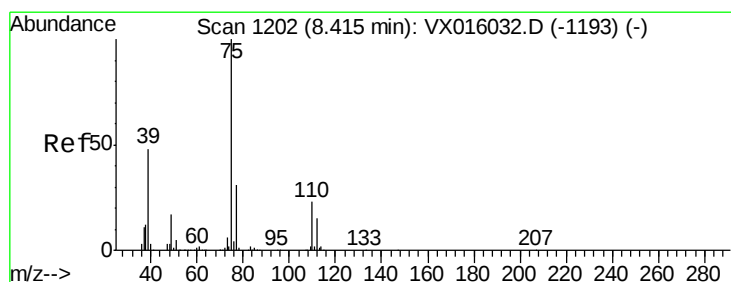
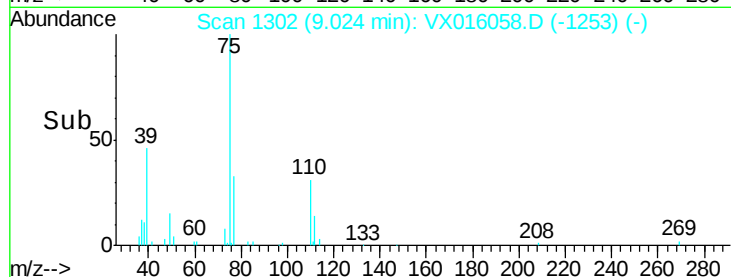
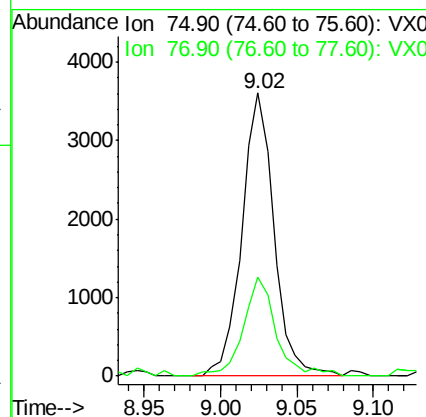
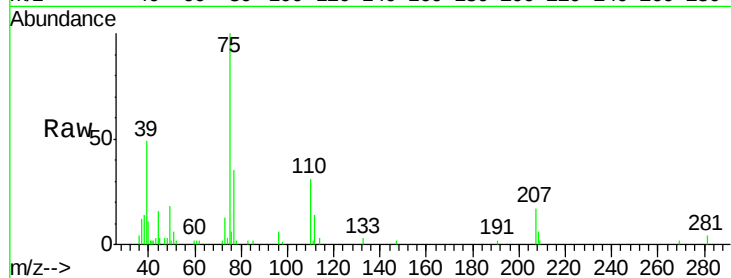
#53
t-1,3-Dichloropropene
Concen: 0.909 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 75 Resp: 5263
Ion Ratio Lower Upper
75 100
77 34.8 25.7 38.5

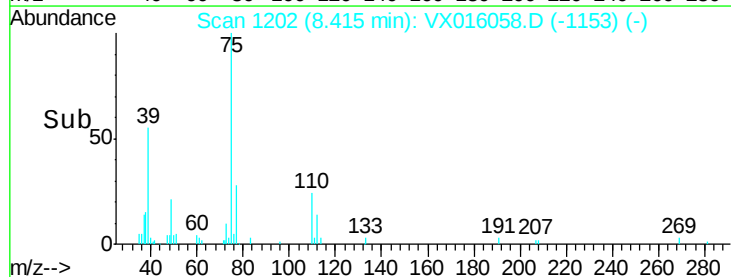
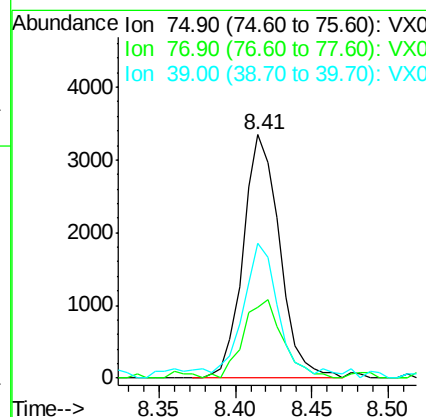
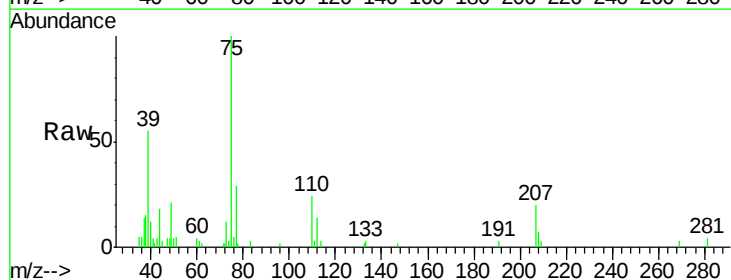
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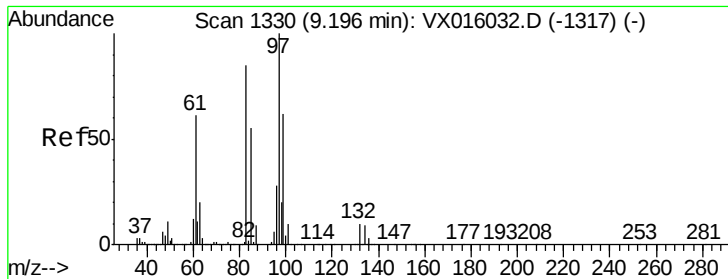
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 0.918 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 75 Resp: 5555
Ion Ratio Lower Upper
75 100
77 29.1 24.7 37.1
39 53.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 0.969 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

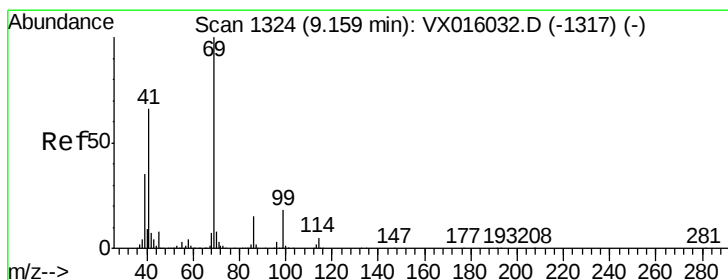
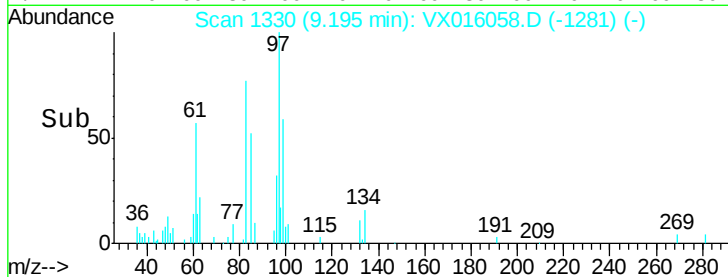
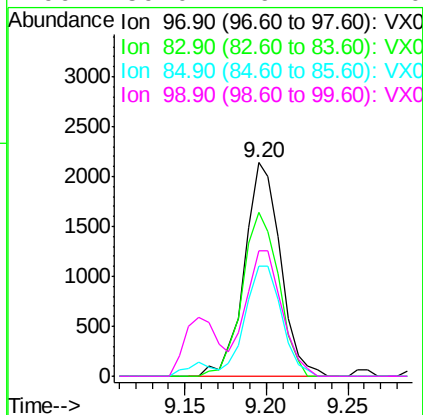
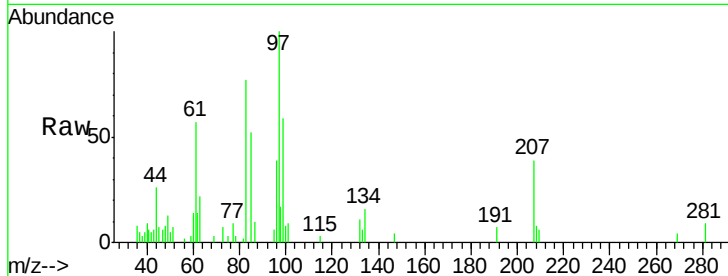
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	97	Resp:	3296
Ion	Ratio	Lower	Upper
97	100		
83	76.5	67.8	101.8
85	51.5	43.8	65.8
99	59.0	49.4	74.0

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#56

Ethyl methacrylate

Concen: 0.861 ug/l

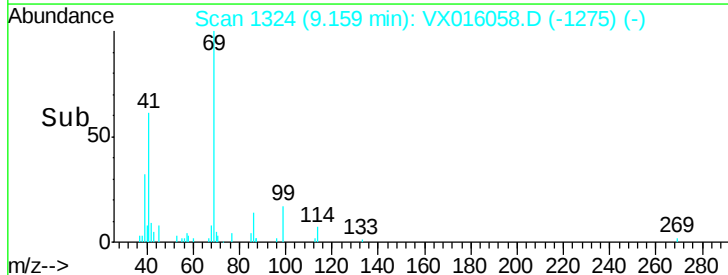
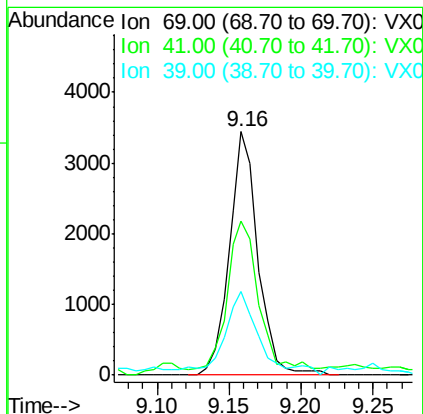
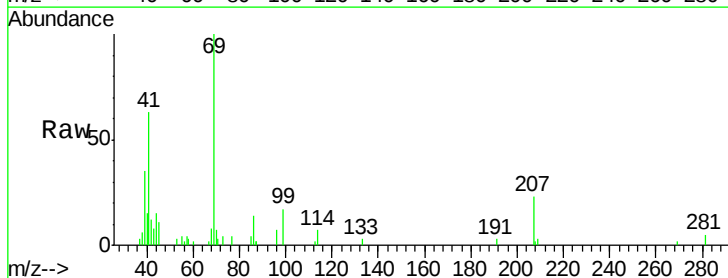
RT: 9.16 min Scan# 1324

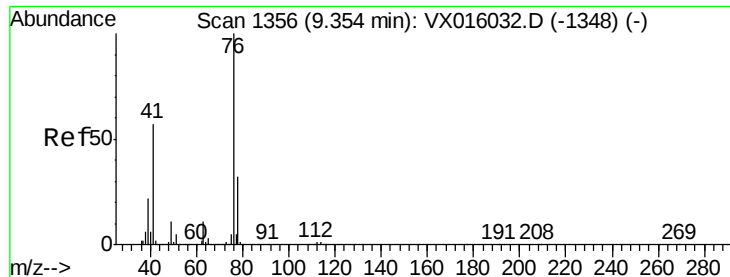
Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	69	Resp:	4782
Ion	Ratio	Lower	Upper
69	100		
41	68.0	52.2	78.4
39	42.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 0.938 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 5570

Ion Ratio Lower Upper

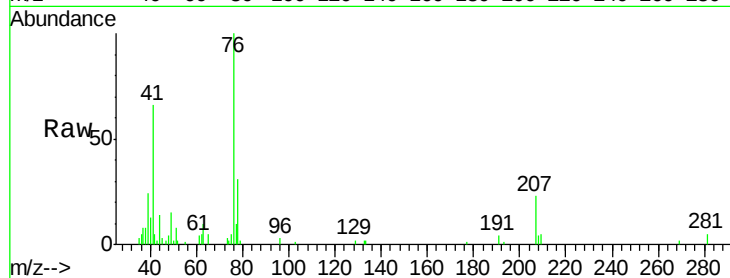
76 100

78 37.2 25.9 38.9

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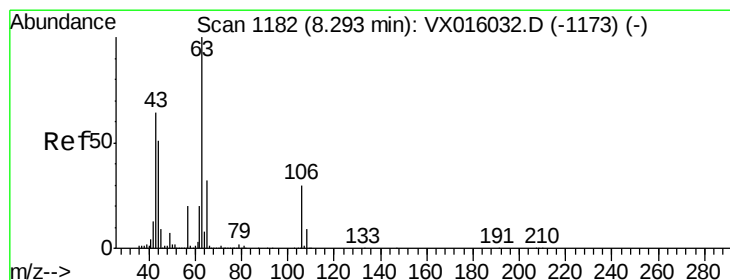
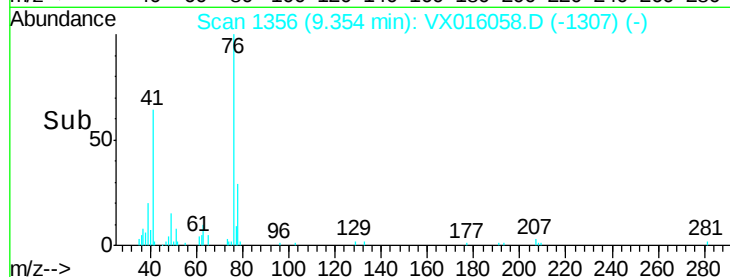
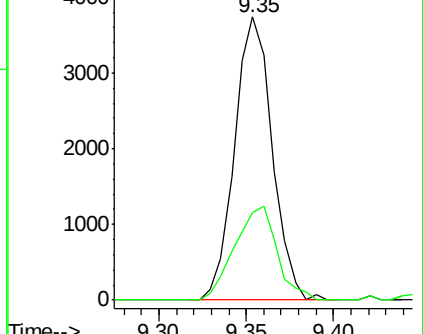
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 3.612 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016058.D

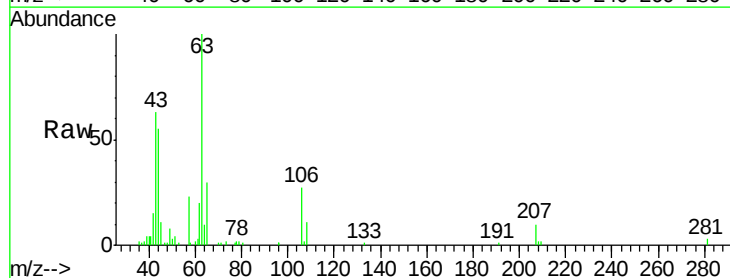
Acq: 05 May 2020 13:04

Tgt Ion: 63 Resp: 10679

Ion Ratio Lower Upper

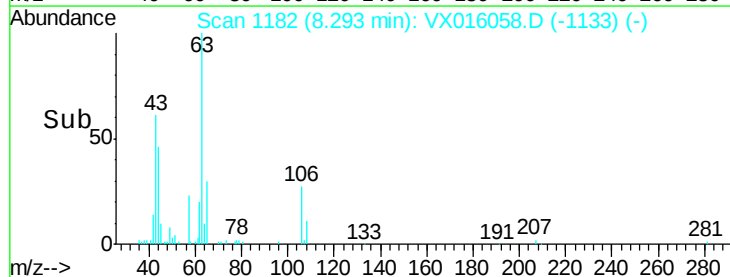
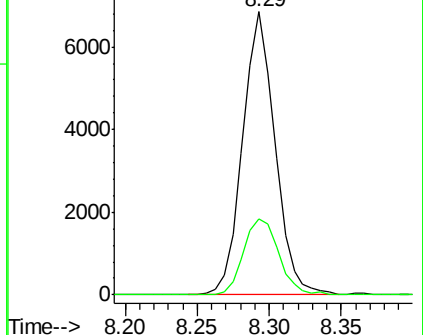
63 100

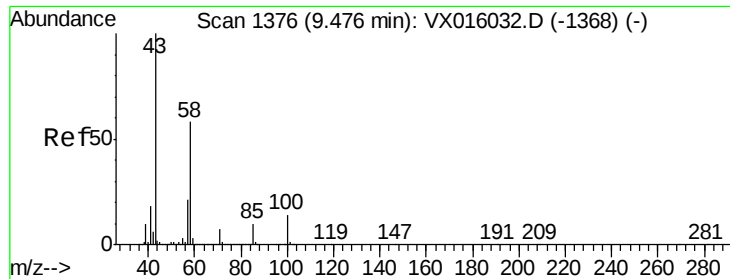
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





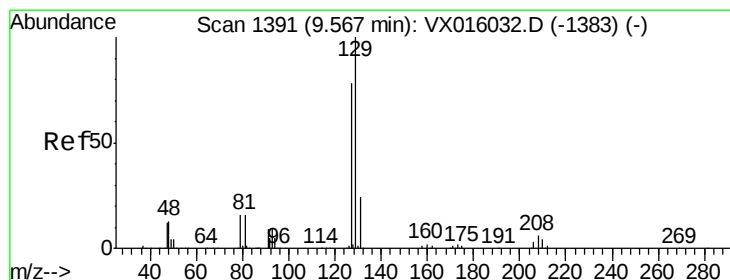
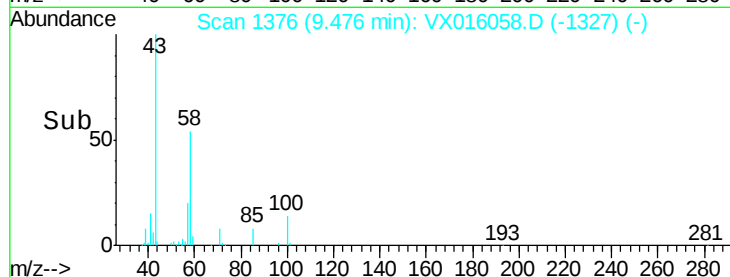
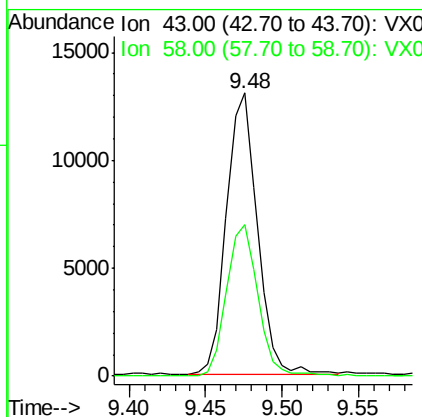
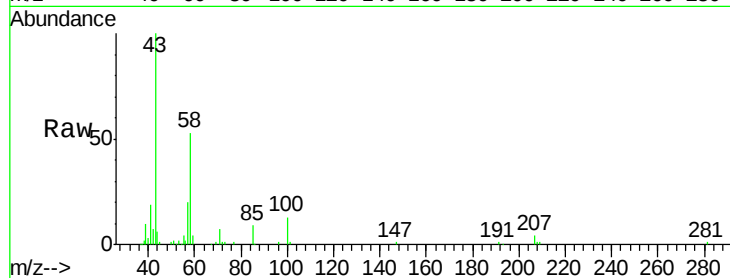
#59
2-Hexanone
Concen: 4.321 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 18207
Ion Ratio Lower Upper
43 100
58 55.0 28.6 85.9

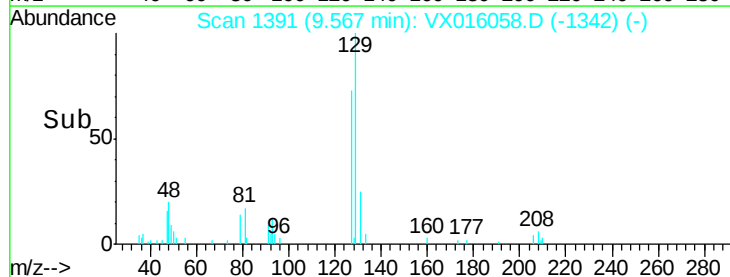
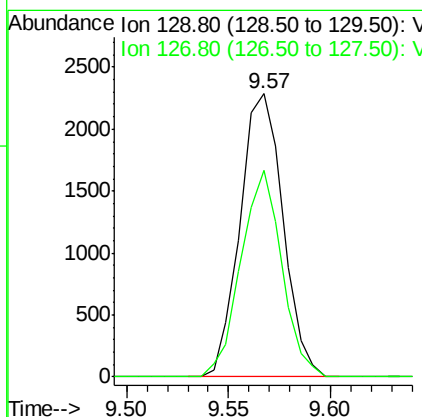
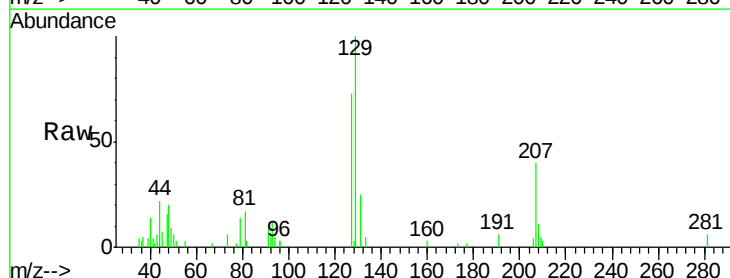
Manual Integrations
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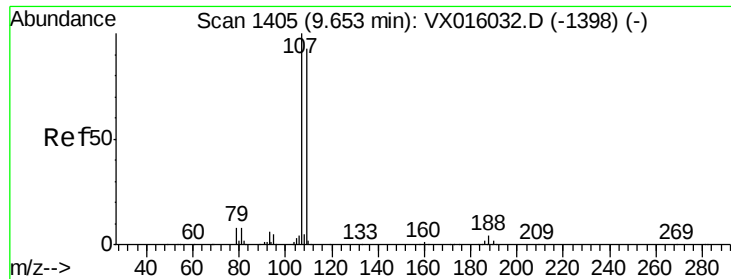
MMDadoda
5/6/2020 12:27:23 PM



#60
Dibromochloromethane
Concen: 0.893 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion: 129 Resp: 3345
Ion Ratio Lower Upper
129 100
127 69.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.886 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 107 Resp: 3265

Ion Ratio Lower Upper

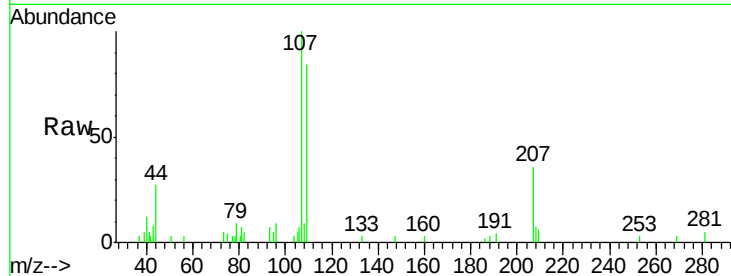
107 100

109 90.6 74.9 112.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

2500

2000

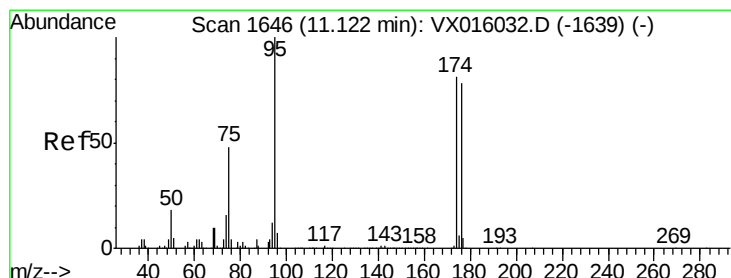
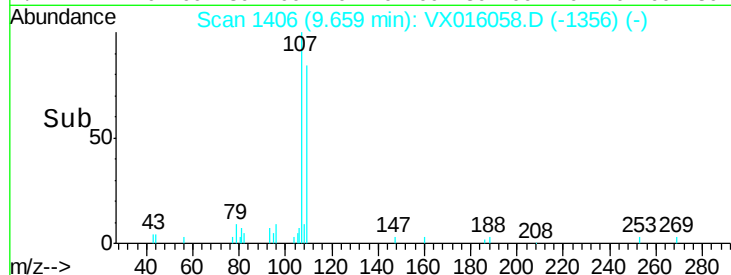
1500

1000

500

0

Time--> 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 44.889 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

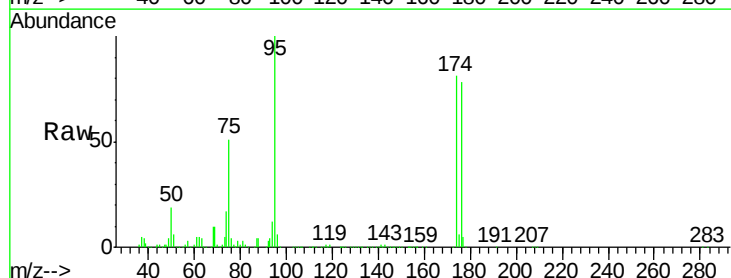
Tgt Ion: 95 Resp: 200749

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

176 79.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

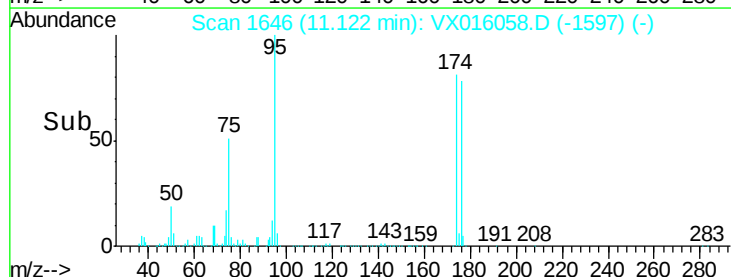
150000

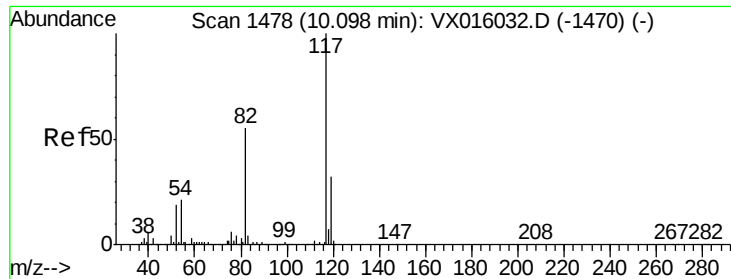
100000

50000

0

Time--> 11.10 11.20





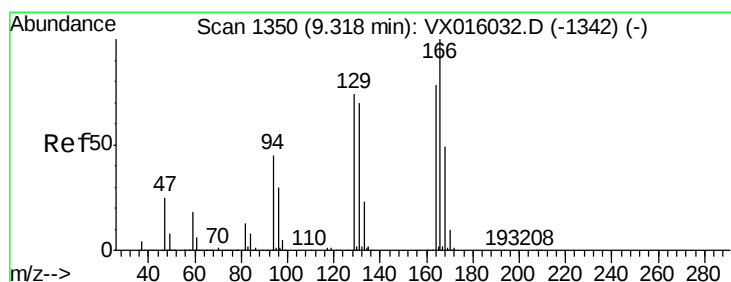
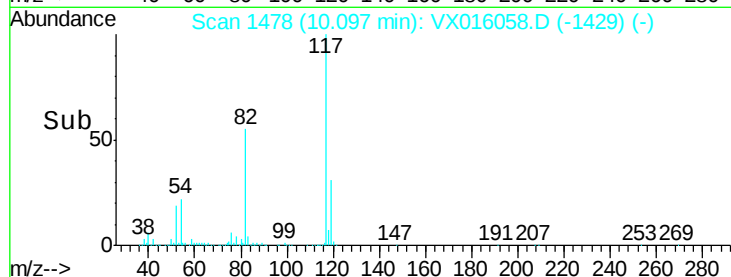
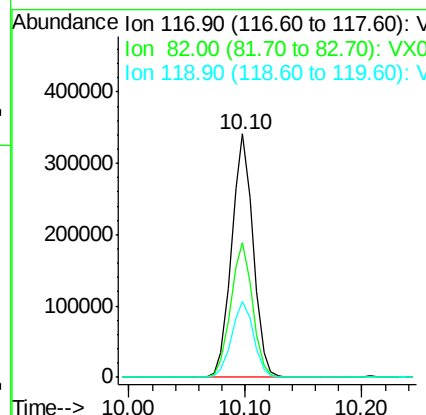
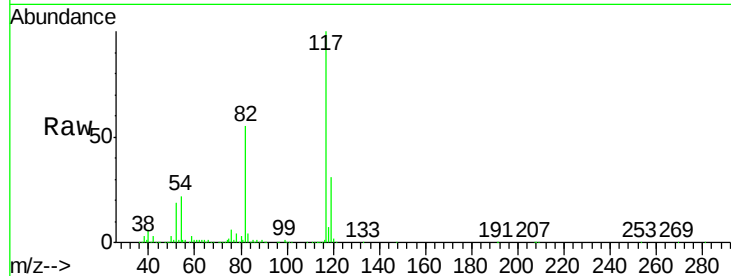
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	437113		
82	55.3		44.4	66.6
119	31.0		25.5	38.3

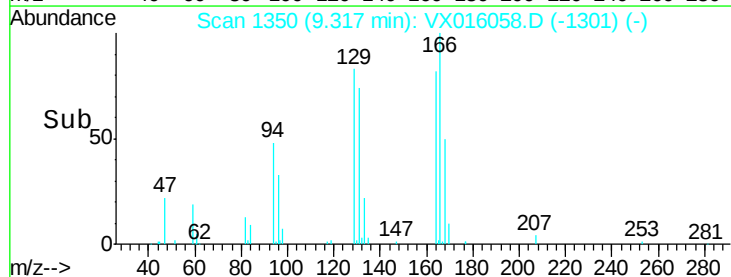
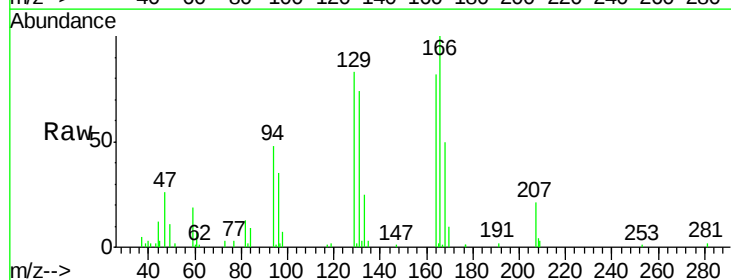
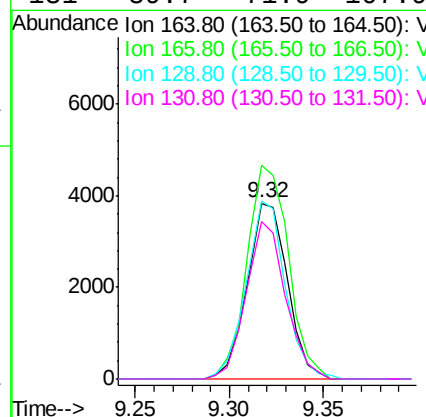
Manual Integrations
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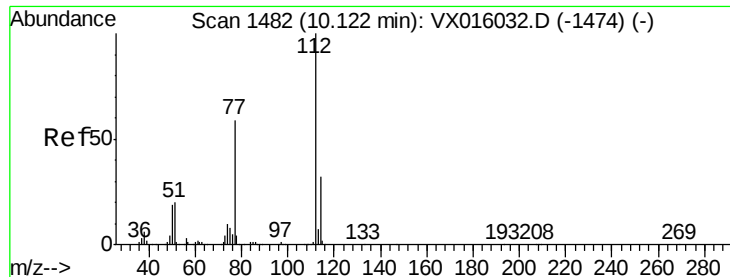
MMDadoda
5/6/2020 12:27:23 PM



#64
Tetrachloroethene
Concen: 1.058 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	5678		
166	121.6		102.9	154.3
129	101.0		76.1	114.1
131	89.7		71.9	107.9





#65

Chlorobenzene

Concen: 0.944 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:112 Resp: 8644

Ion Ratio Lower Upper

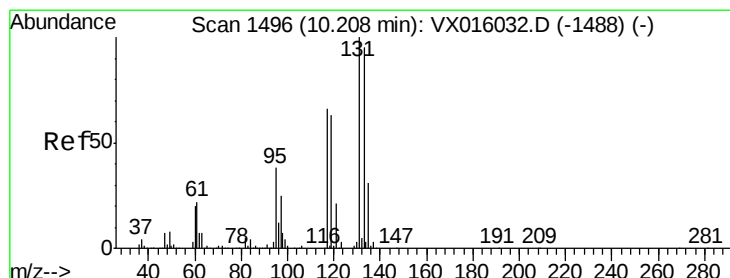
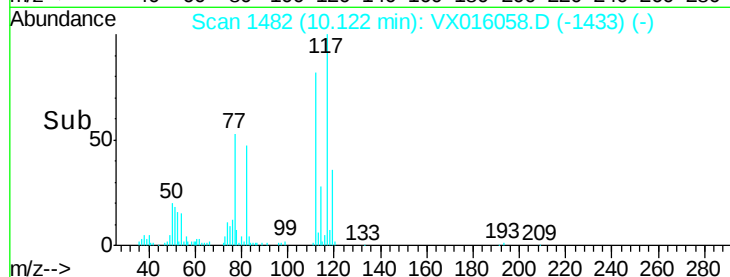
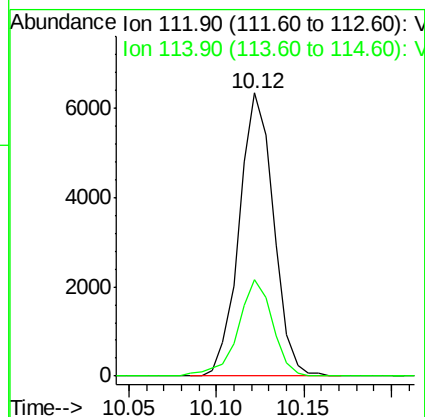
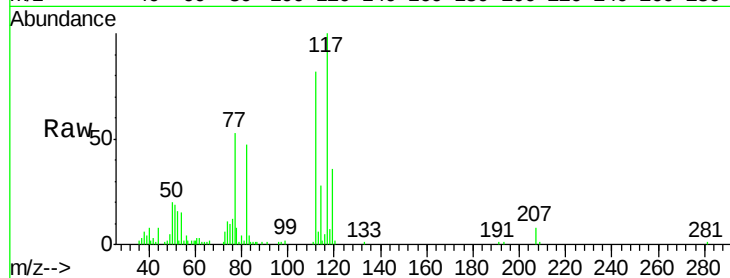
112 100

114 34.1 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 0.922 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

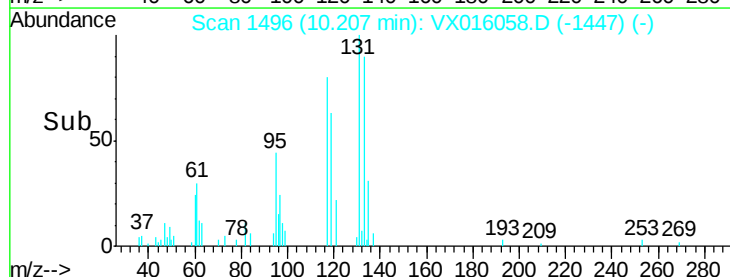
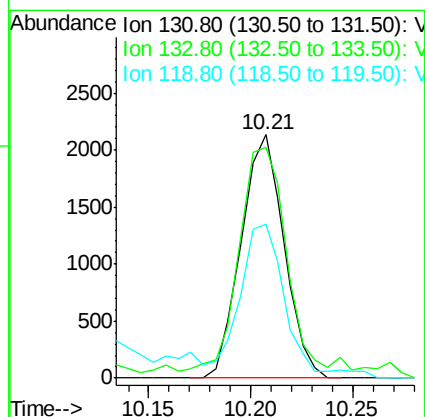
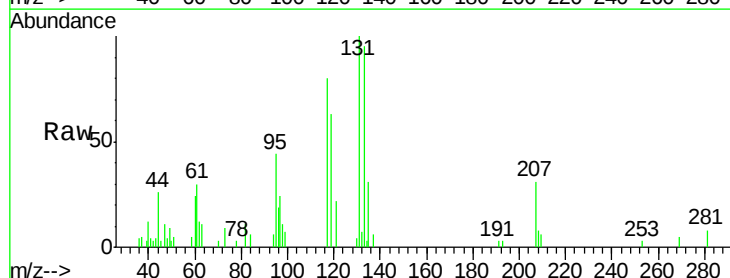
Tgt Ion:131 Resp: 3120

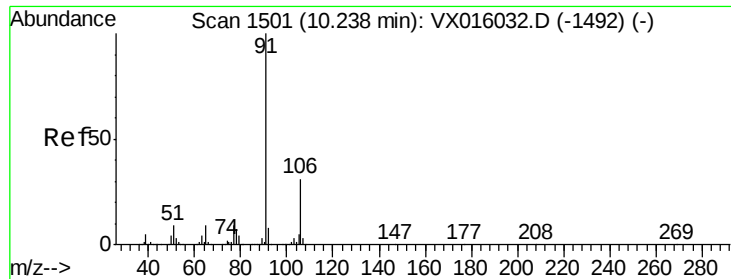
Ion Ratio Lower Upper

131 100

133 107.7 48.3 144.8

119 0.0 32.3 96.9#





#67

Ethyl Benzene

Concen: 0.937 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 91 Resp: 15308

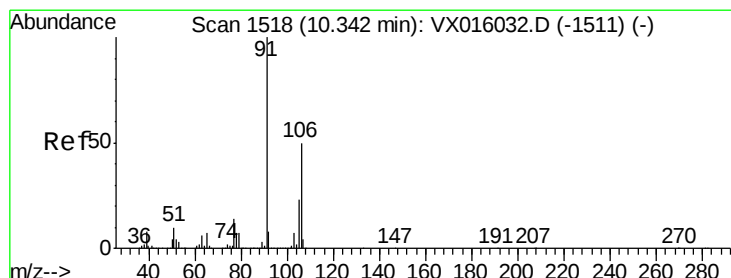
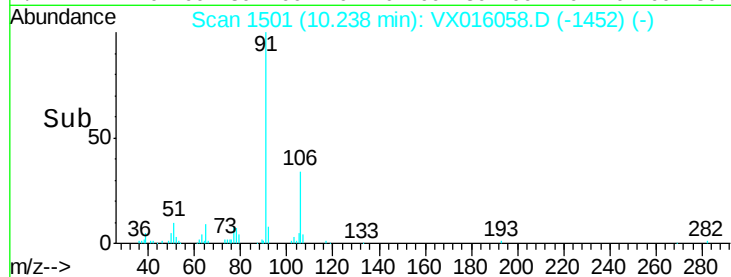
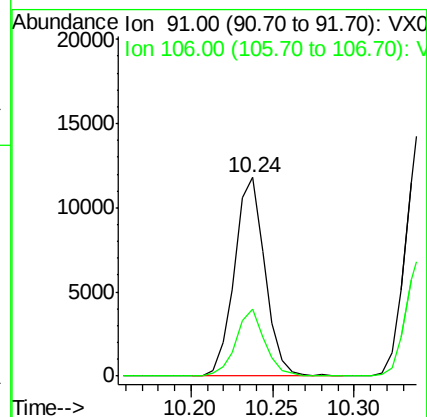
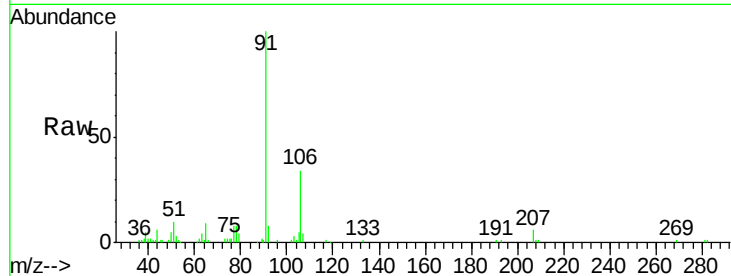
Ion Ratio Lower Upper

91 100

106 33.6 25.1 37.7

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#68

m/p-Xylenes

Concen: 1.834 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016058.D

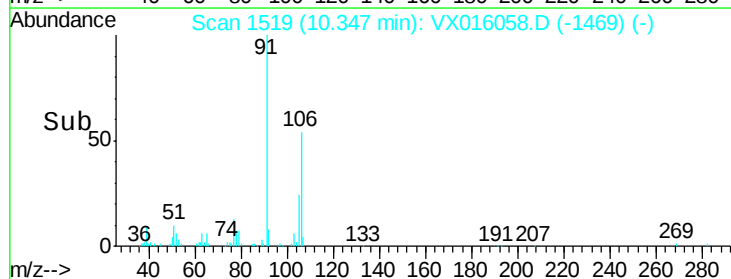
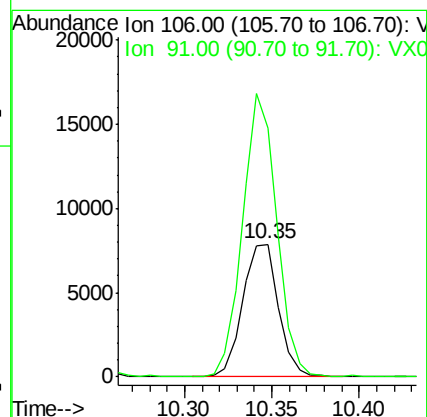
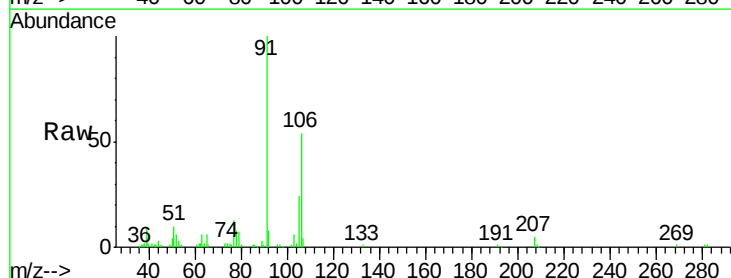
Acq: 05 May 2020 13:04

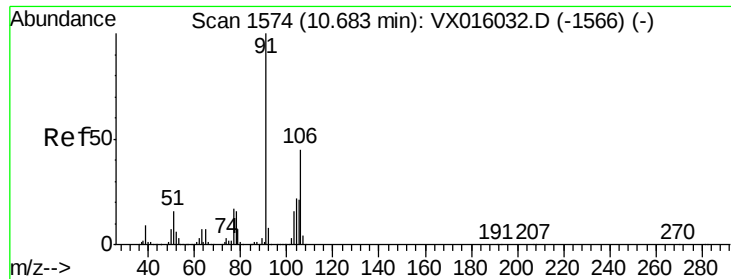
Tgt Ion: 106 Resp: 11224

Ion Ratio Lower Upper

106 100

91 202.6 161.7 242.5





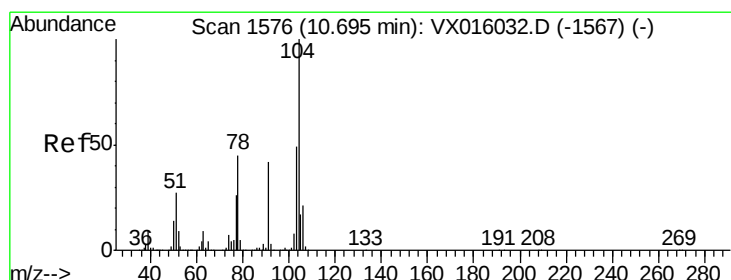
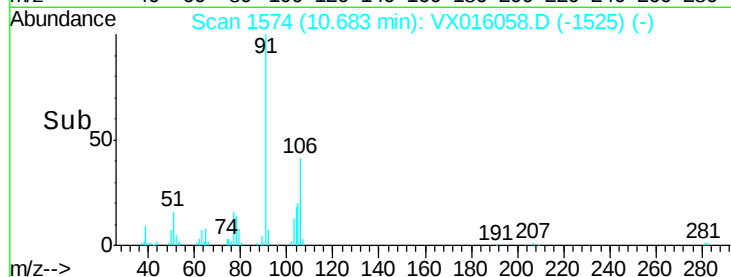
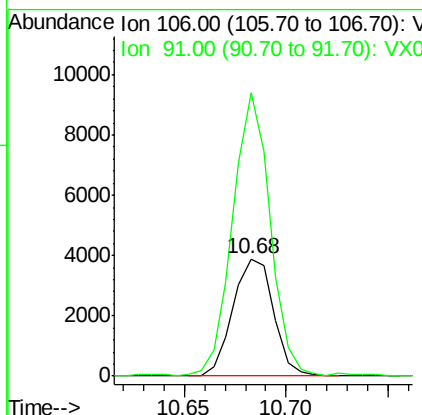
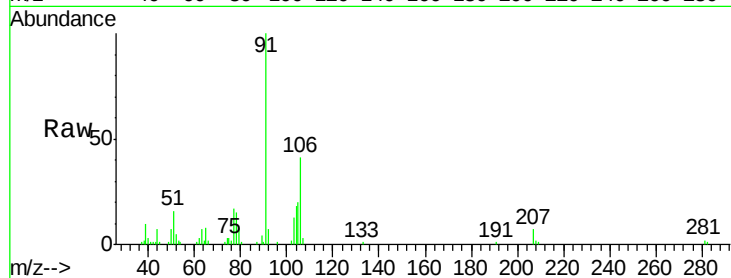
#69
o-Xylene
Concen: 0.914 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	222.0	107.5	322.6	

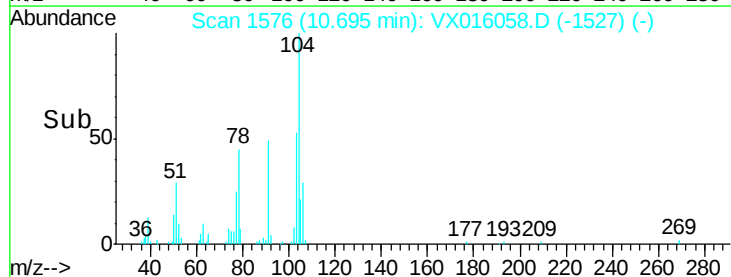
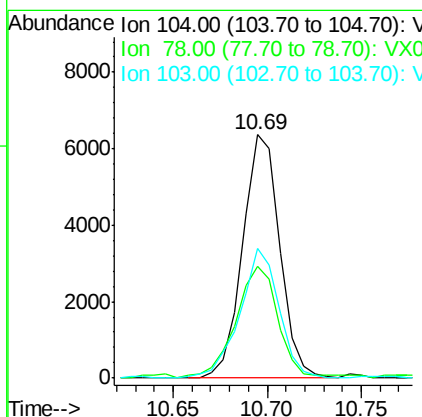
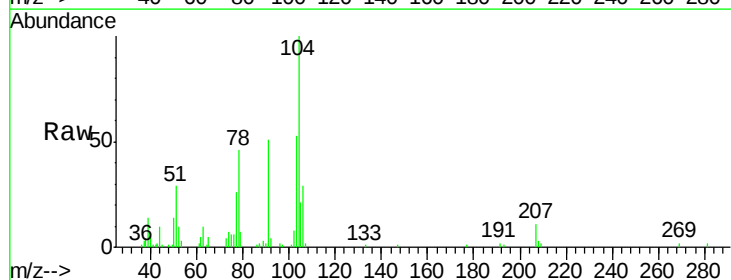
Manual Integrations
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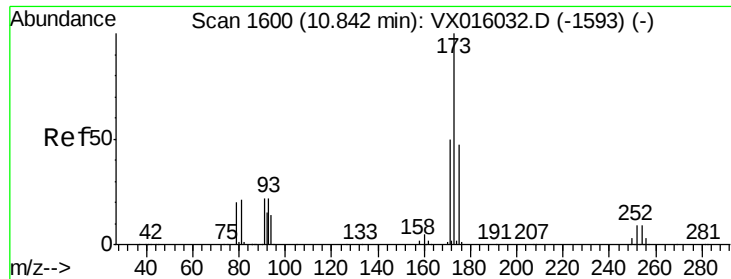
MMDadoda
5/6/2020 12:27:23 PM



#70
Styrene
Concen: 0.873 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.5	40.2	60.2	
103	56.1	43.0	64.6	





#71

Bromoform

Concen: 0.797 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

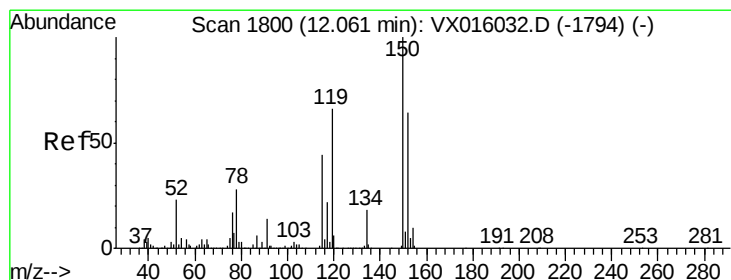
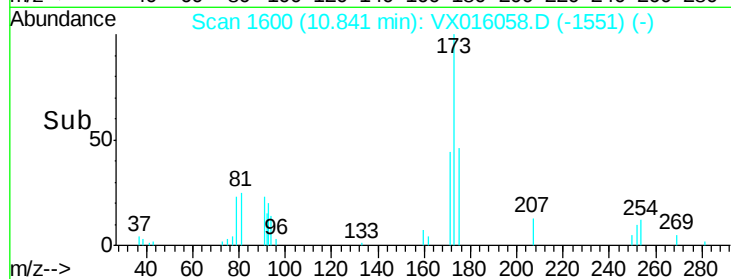
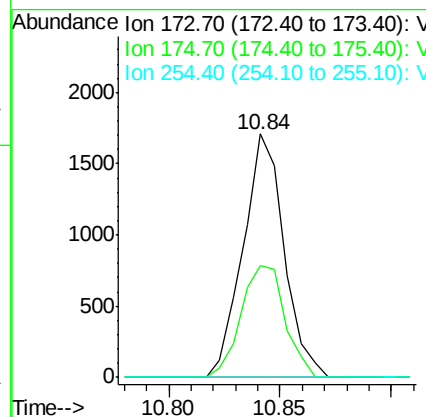
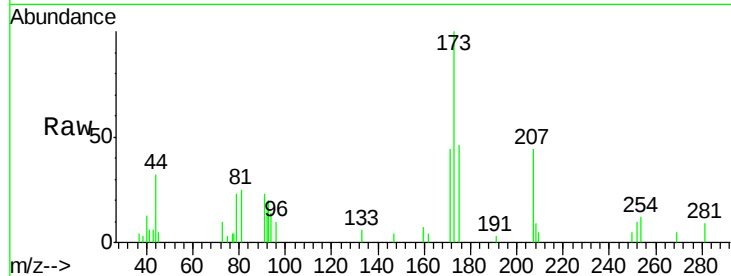
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	173	Resp:	2196
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.0	72.0
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

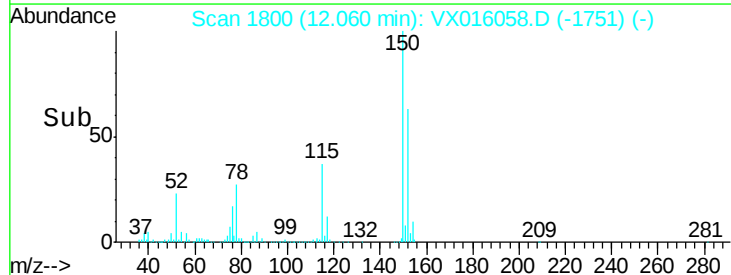
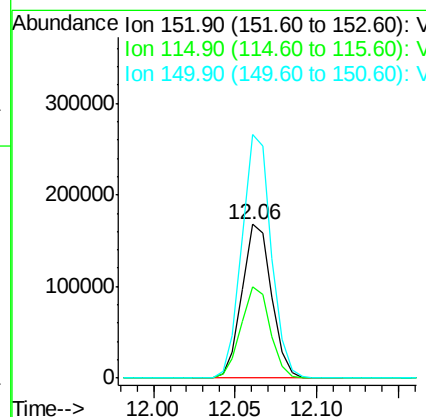
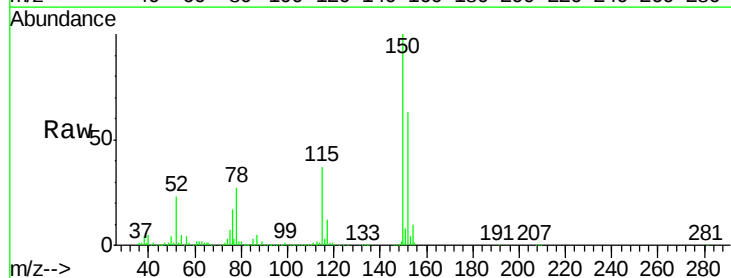
RT: 12.06 min Scan# 1800

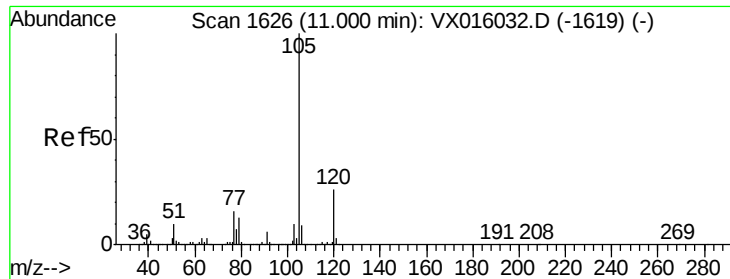
Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	152	Resp:	212446
Ion Ratio	Lower	Upper	
152	100		
115	58.8	41.3	124.1
150	157.2	0.0	352.2





#73

Isopropylbenzene

Concen: 0.901 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 13917

Ion Ratio Lower Upper

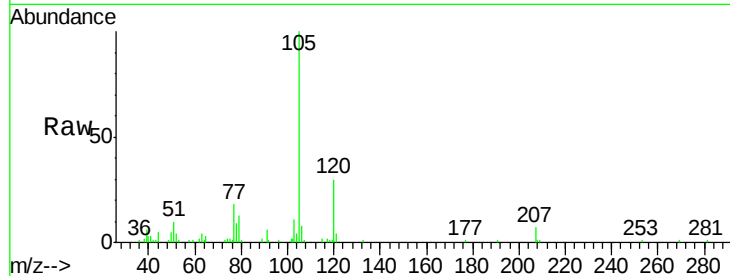
105 100

120 27.7 13.4 40.2

Manual Integrations
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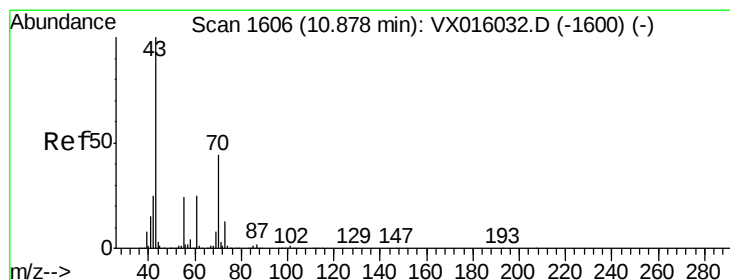
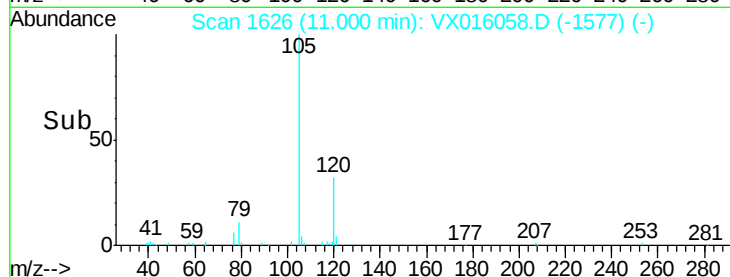
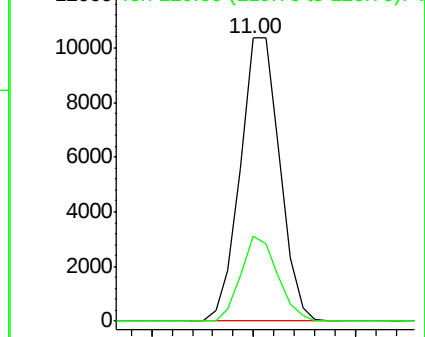
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.854 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion: 43 Resp: 6152

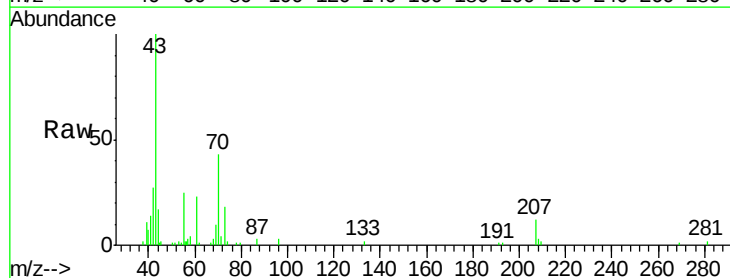
Ion Ratio Lower Upper

43 100

70 49.1 36.5 54.7

55 28.8 19.7 29.5

61 26.6 20.9 31.3

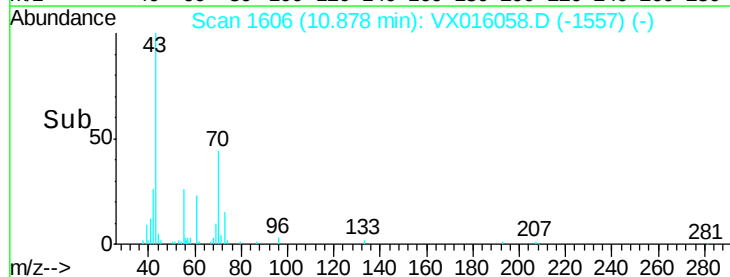
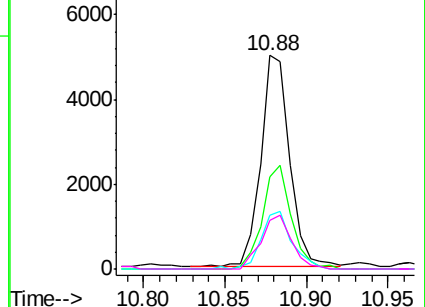


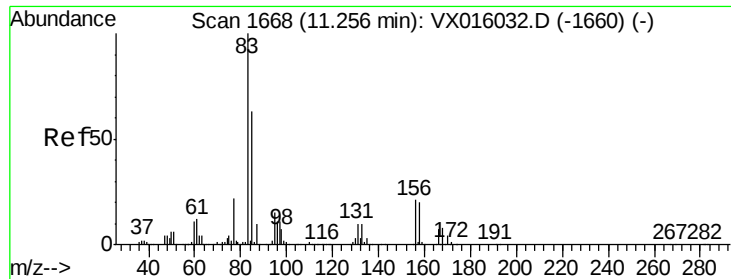
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.865 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

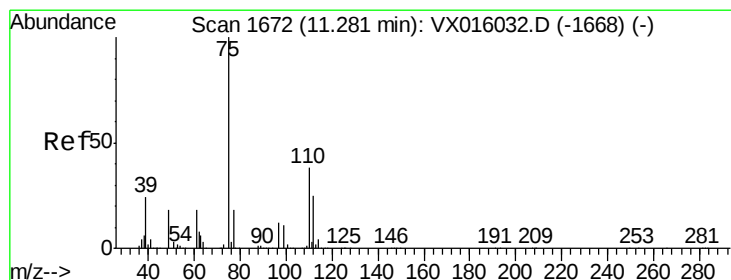
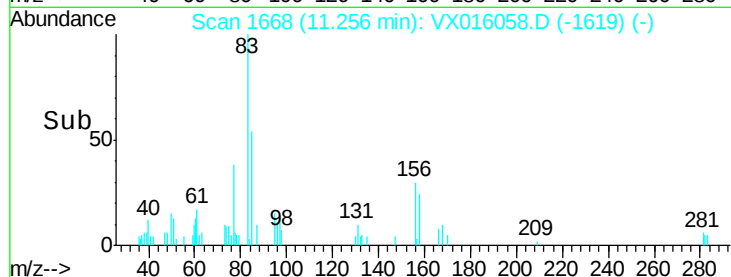
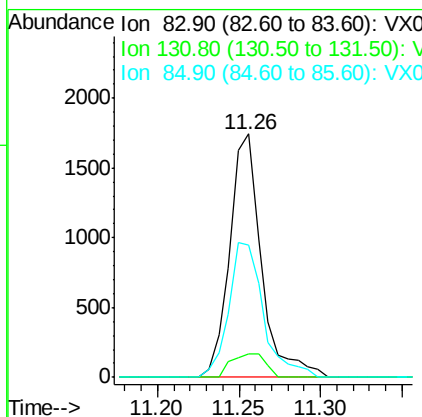
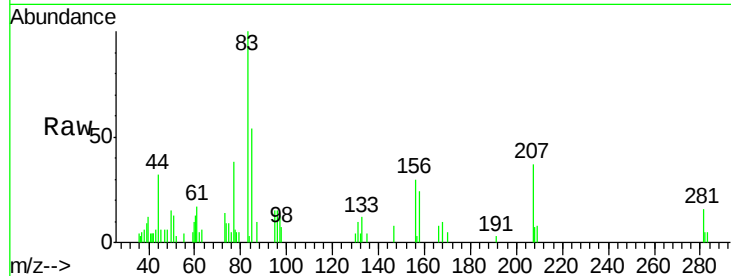
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	83	Resp:	2358
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	60.9	32.0	96.0

Manual Integrations
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5/6/2020 12:27:23 PM



#76

1,2,3-Trichloropropane

Concen: 0.949 ug/l m

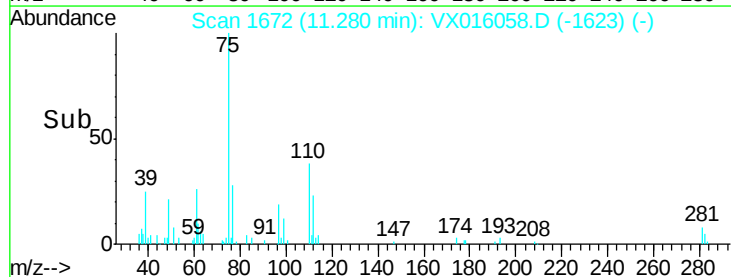
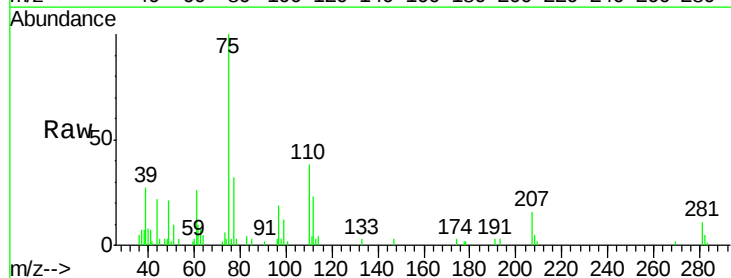
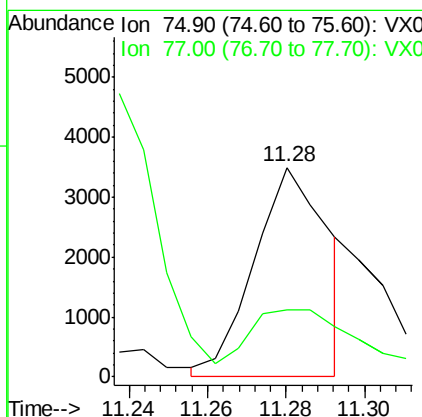
RT: 11.28 min Scan# 1672

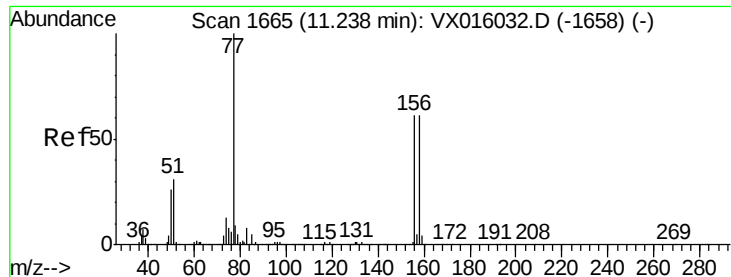
Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	75	Resp:	4574
Ion Ratio	Lower	Upper	
75	100		
77	49.2	21.2	63.6





#77

Bromobenzene

Concen: 0.978 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

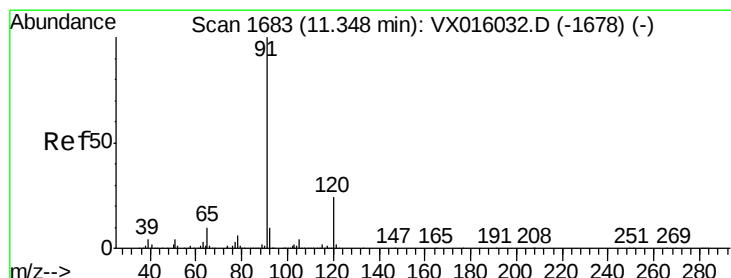
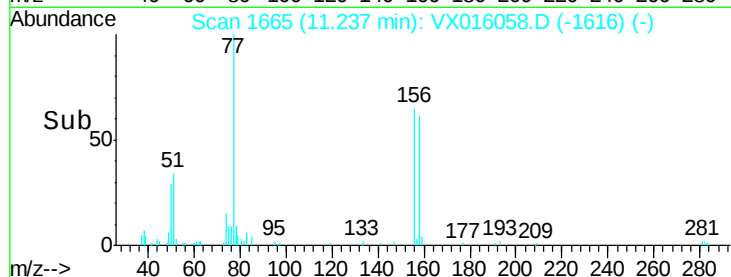
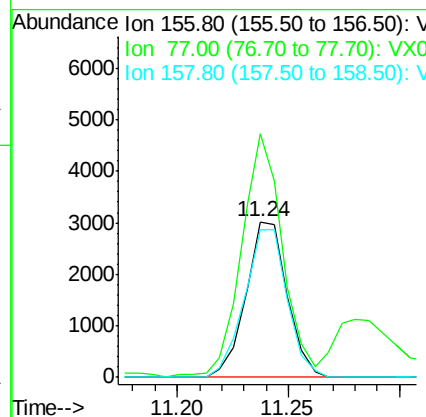
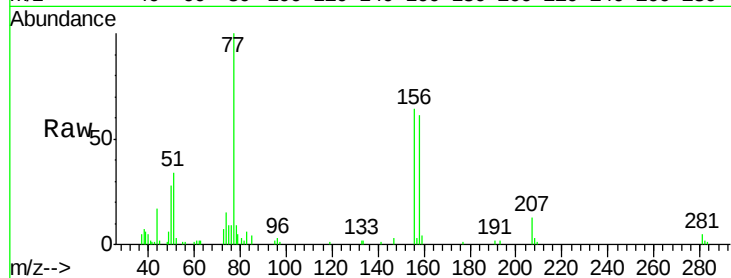
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	156	Resp:	3899
Ion	Ratio	Lower	Upper
156	100		
77	154.8	80.1	240.3
158	98.6	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 0.956 ug/l

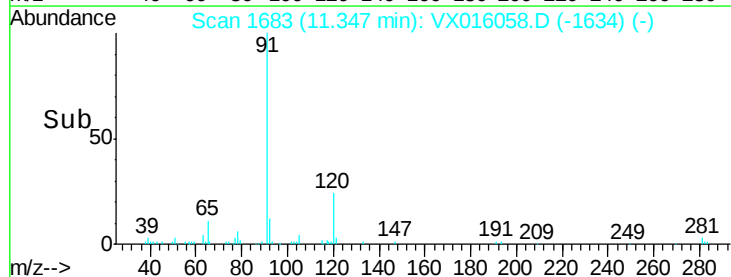
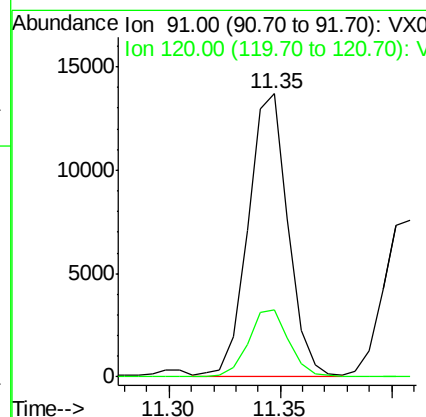
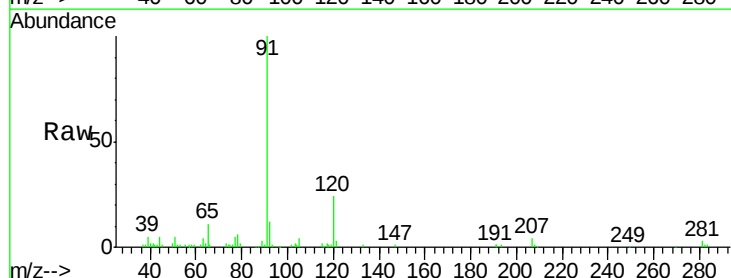
RT: 11.35 min Scan# 1683

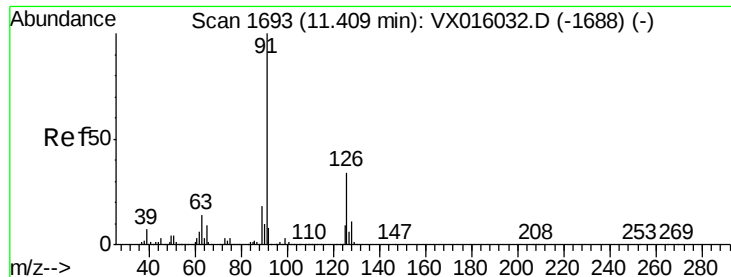
Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Tgt Ion:	91	Resp:	17193
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.5	34.5





#79

2-Chlorotoluene

Concen: 0.942 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 91 Resp: 9995

Ion Ratio Lower Upper

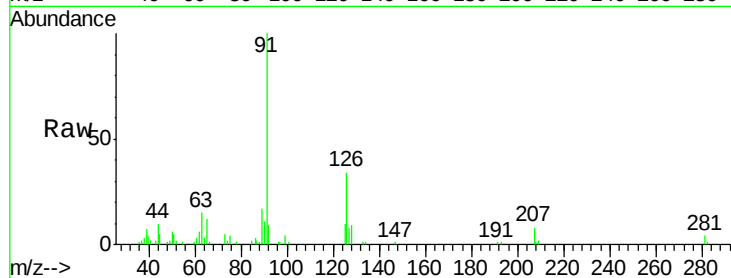
91 100

126 35.4 16.9 50.6

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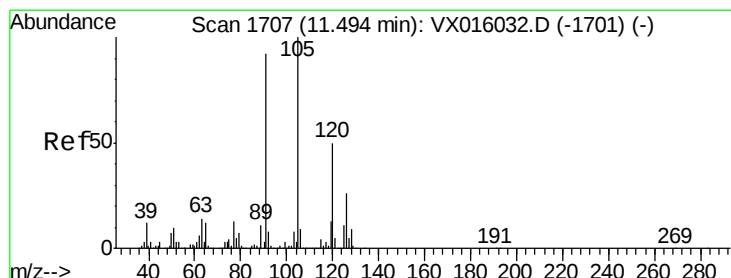
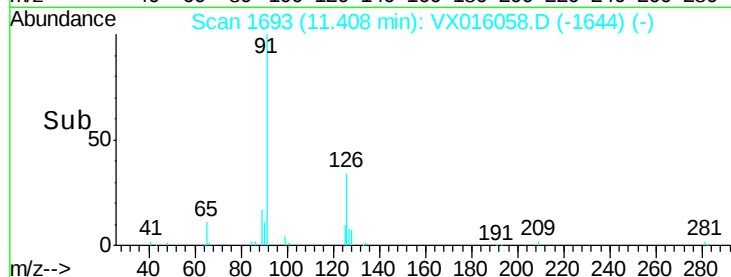
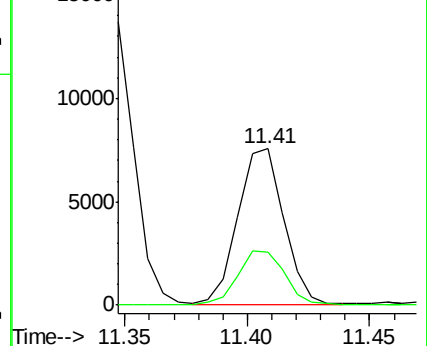
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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.881 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016058.D

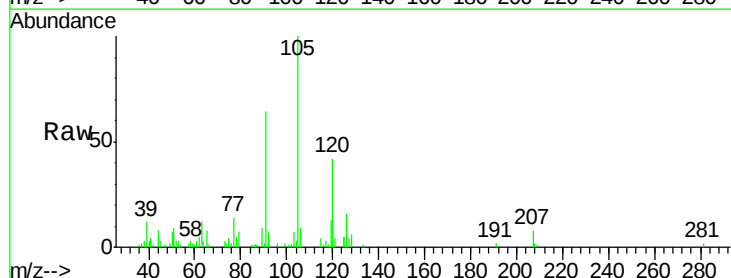
Acq: 05 May 2020 13:04

Tgt Ion: 105 Resp: 11489

Ion Ratio Lower Upper

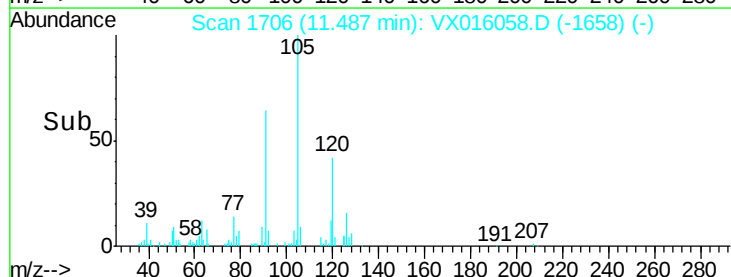
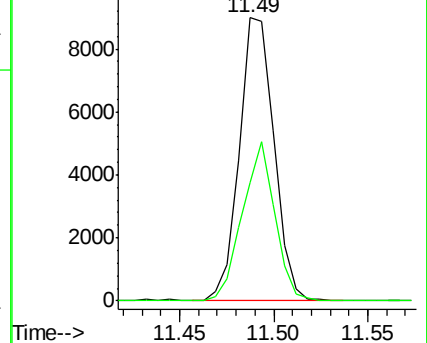
105 100

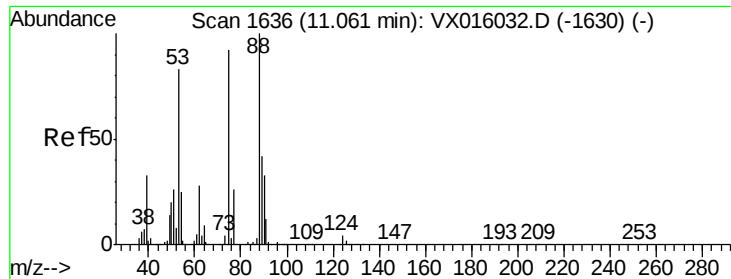
120 52.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)





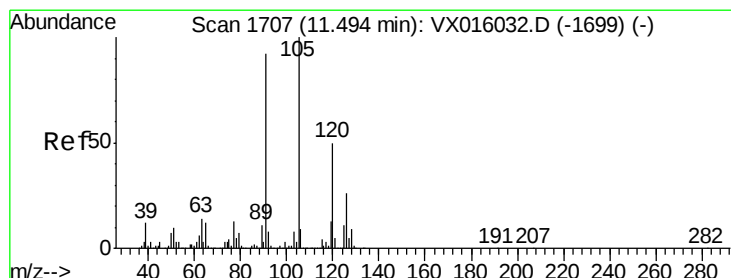
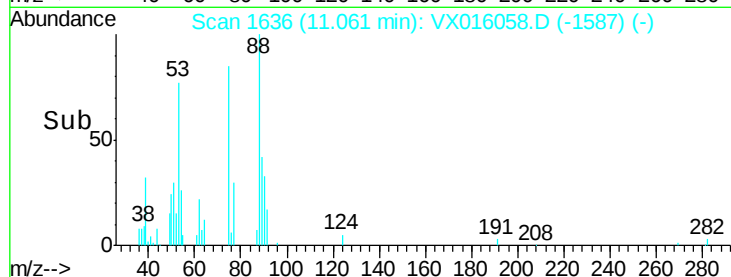
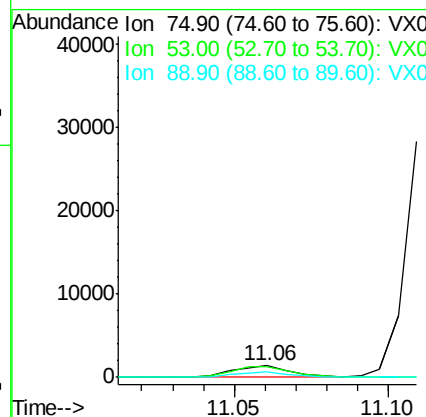
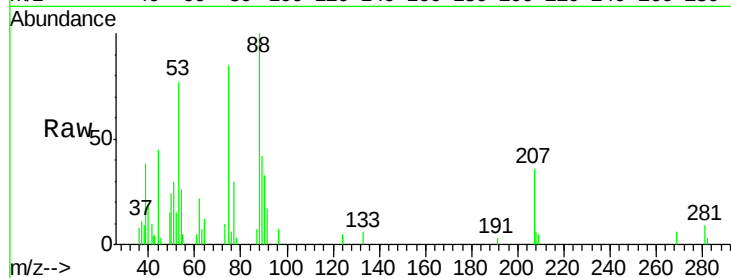
#81
trans-1,4-Dichloro-2-butene
Concen: 0.890 ug/l m
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
75	100		
53	5.8	73.1	109.7#
89	0.0	36.7	55.1#

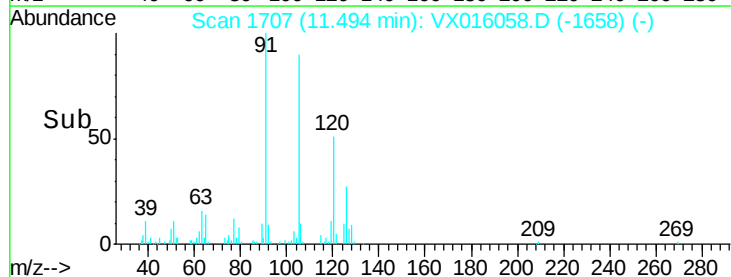
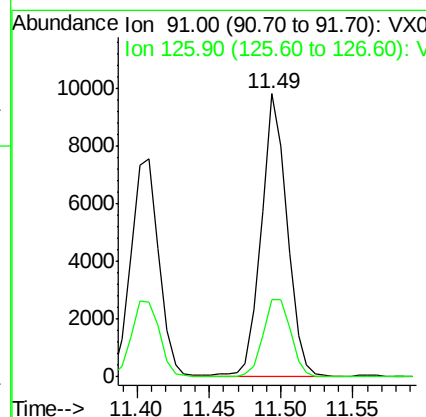
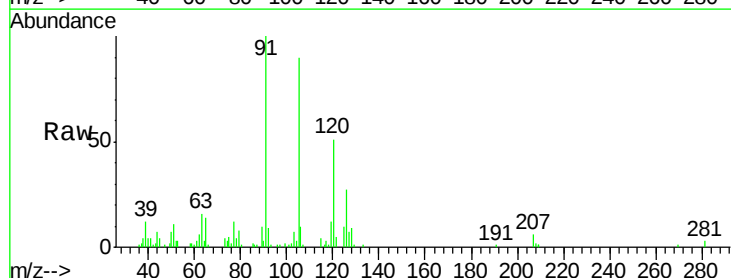
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#82
4-Chlorotoluene
Concen: 0.970 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.3





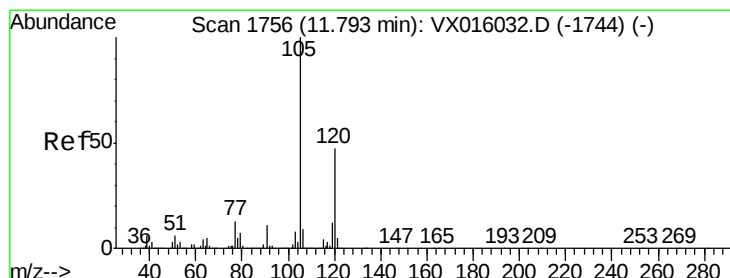
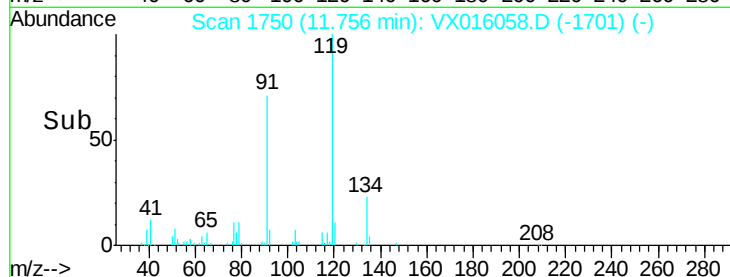
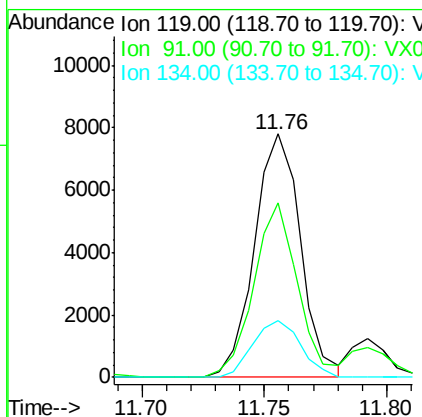
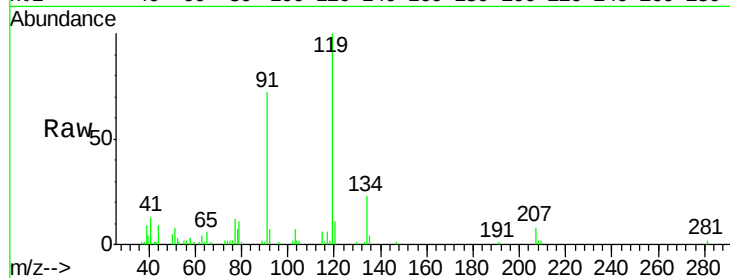
#83
tert-Butylbenzene
Concen: 0.907 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampled :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	10195		
91	68.7		32.8	98.4
134	24.3		12.4	37.0

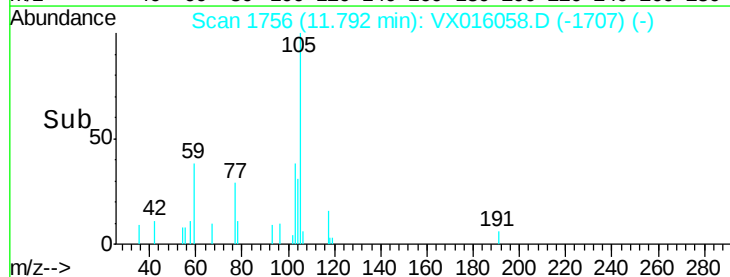
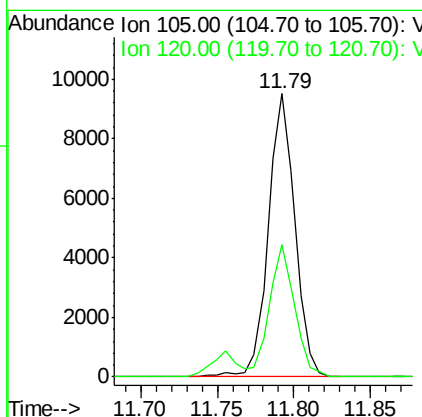
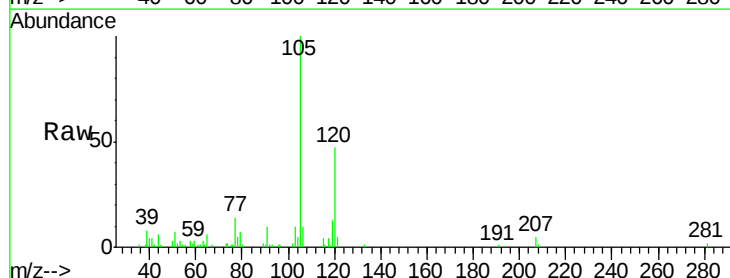
Manual Integrations
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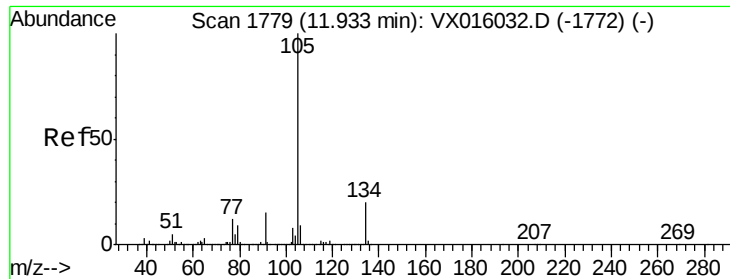
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#84
1,2,4-Trimethylbenzene
Concen: 0.877 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	11564		
120	44.5		23.0	69.0





#85

sec-Butylbenzene

Concen: 0.903 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 13703

Ion Ratio Lower Upper

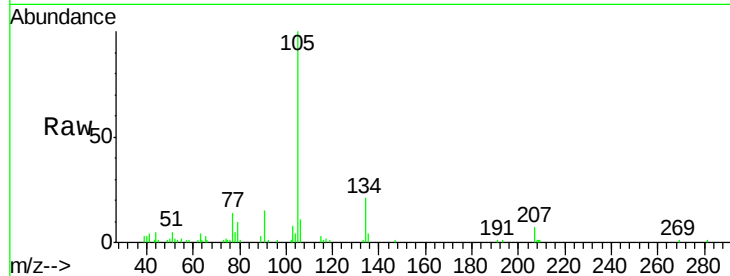
105 100

134 20.2 10.1 30.3

Manual Integrations
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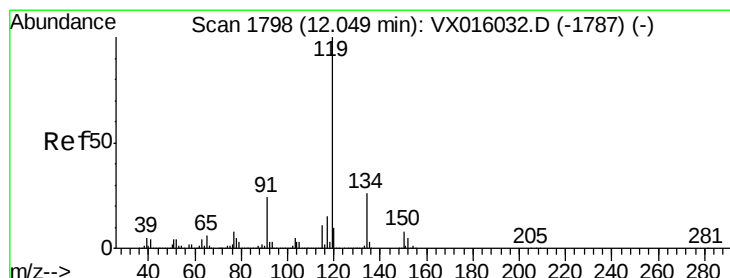
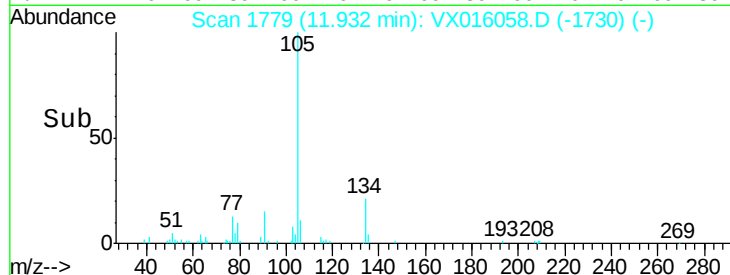
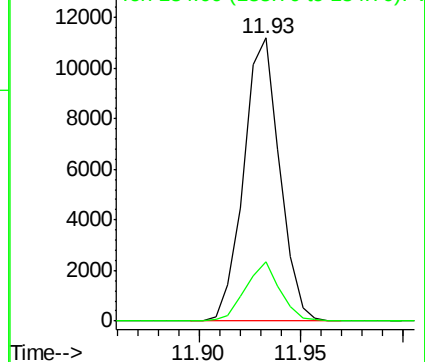
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.890 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

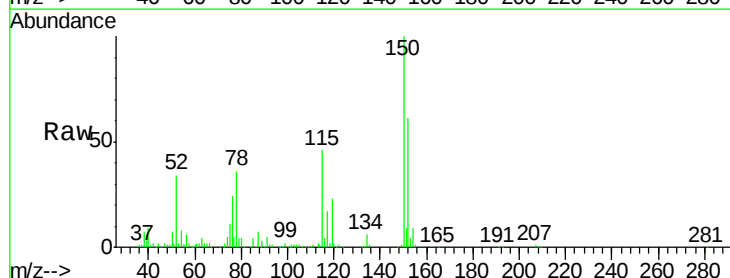
Tgt Ion:119 Resp: 12551

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

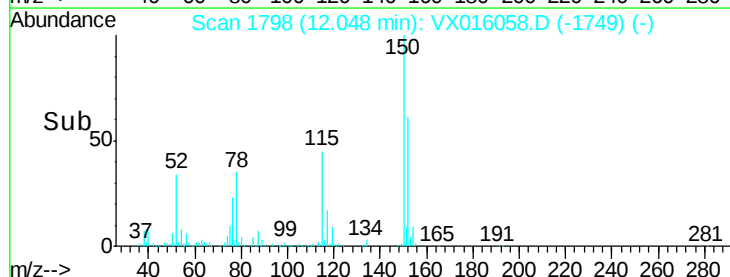
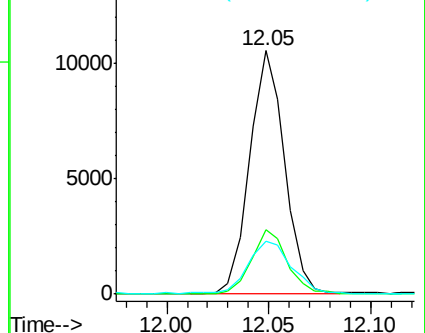
91 28.0 11.8 35.4

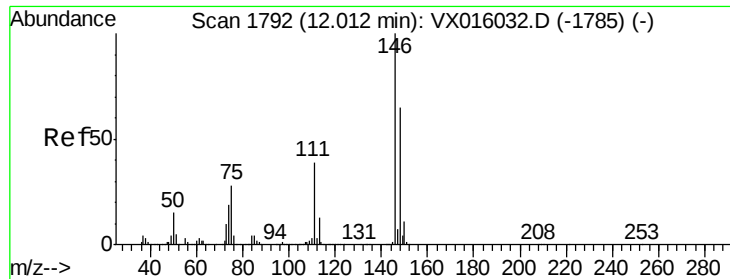


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.955 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016058.D

Acq: 05 May 2020 13:04

Instrument :

MSVOA_X

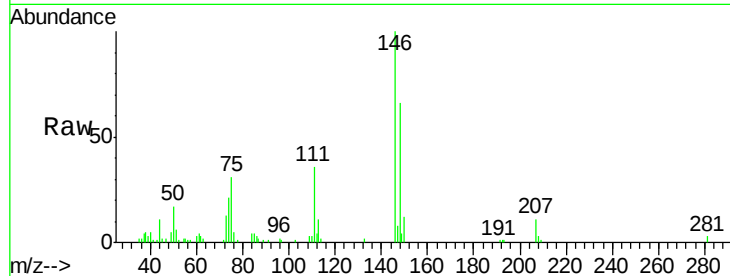
ClientSampleId :

LOQ-WATER-02-QT2-2020

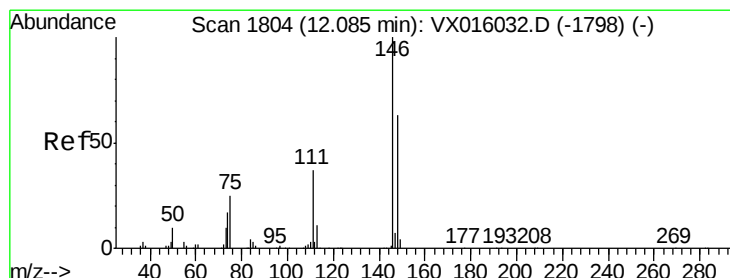
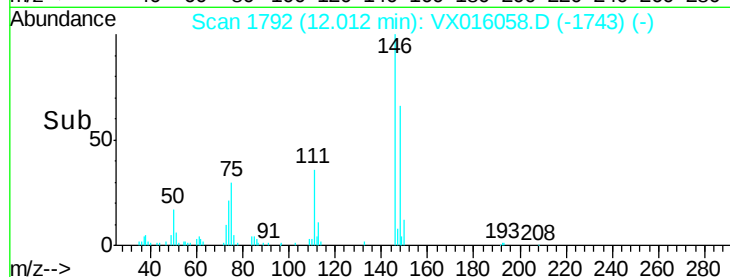
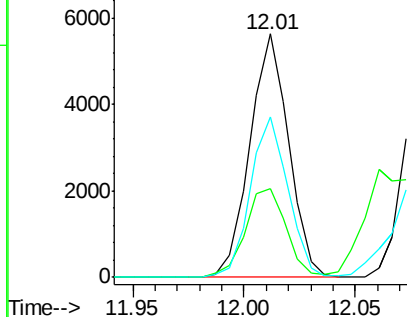
Tot Ion:	146	Resp:	6838
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.2	60.6
148	64.4	32.1	96.3

Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.010 ug/l m

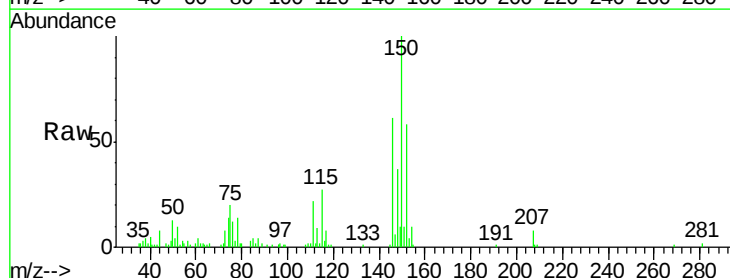
RT: 12.08 min Scan# 1804

Delta R.T. -0.00 min

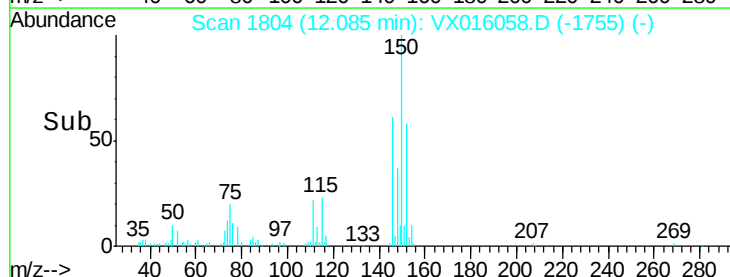
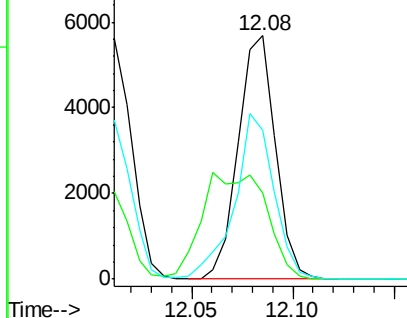
Lab File: VX016058.D

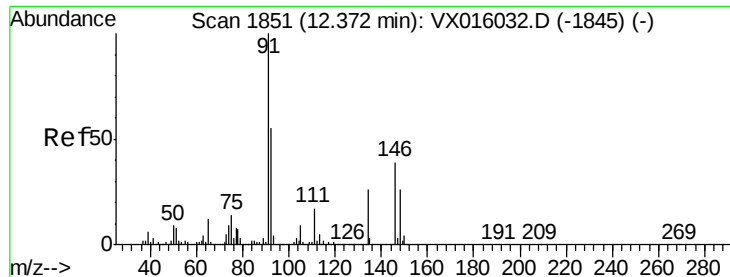
Acq: 05 May 2020 13:04

Tgt Ion:	146	Resp:	7339
Ion Ratio	Lower	Upper	
146	100		
111	36.2	19.6	58.7
148	60.0	31.8	95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





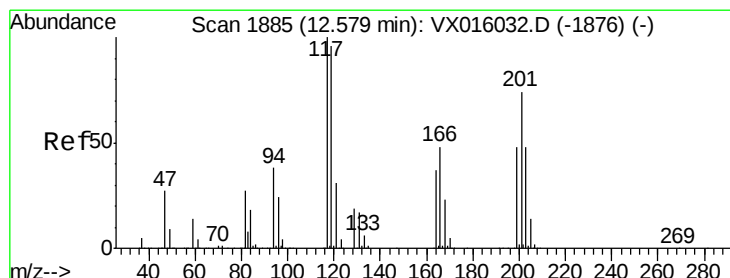
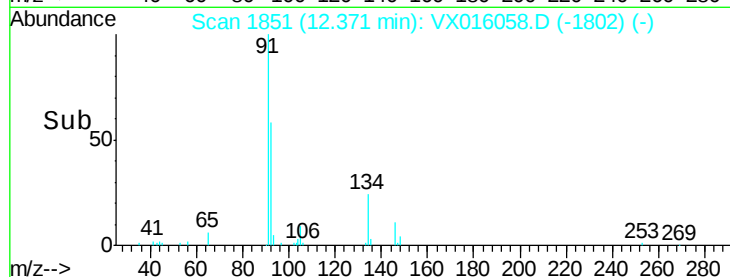
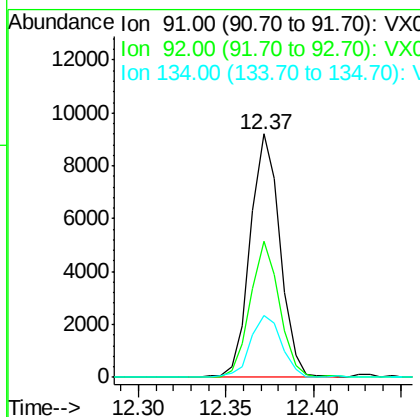
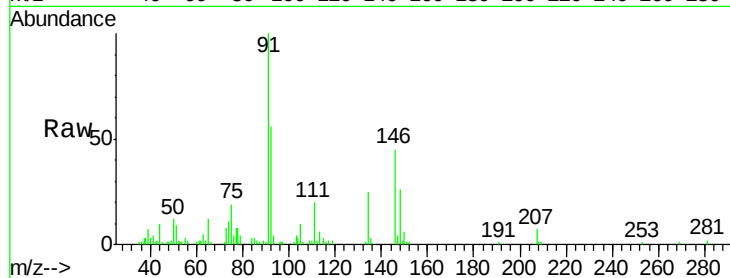
#89
n-Butylbenzene
Concen: 0.847 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	10911		
92	54.8	27.6	82.7	
134	26.3	13.4	40.1	

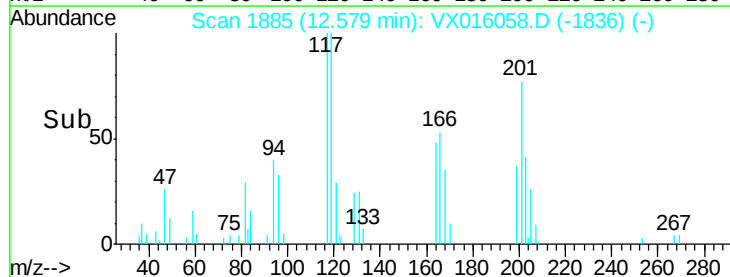
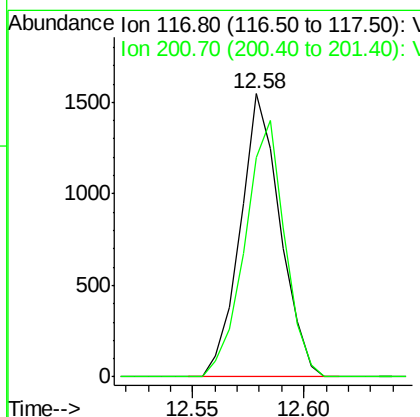
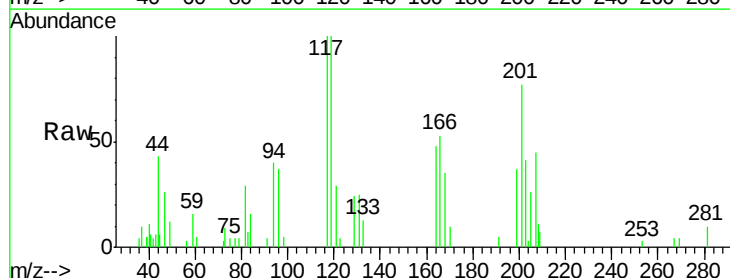
Manual Integrations
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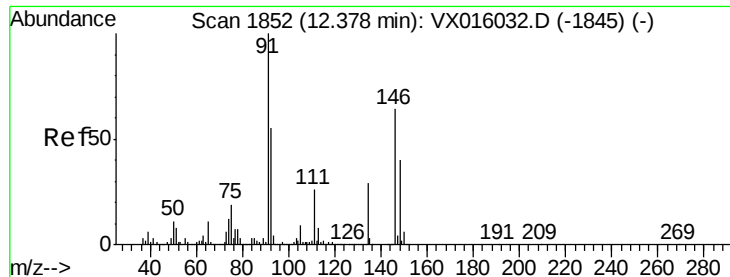
MMDadoda
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#90
Hexachloroethane
Concen: 0.801 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1938		
201	90.3	39.8	119.3	





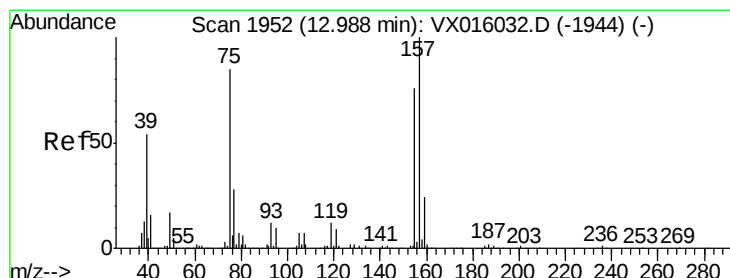
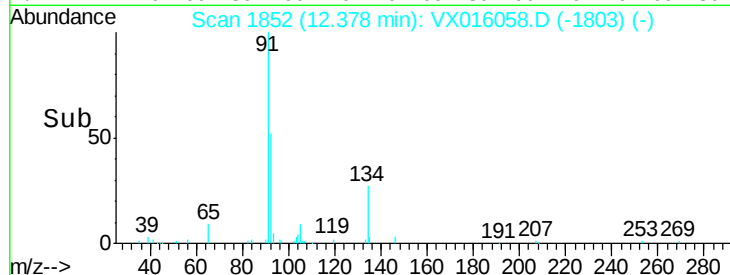
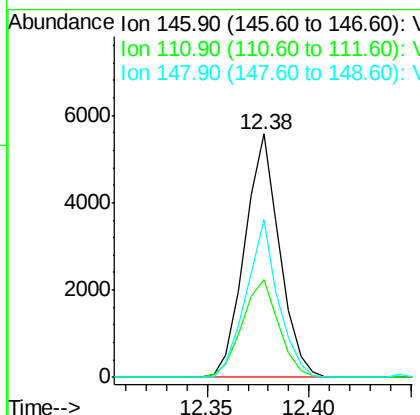
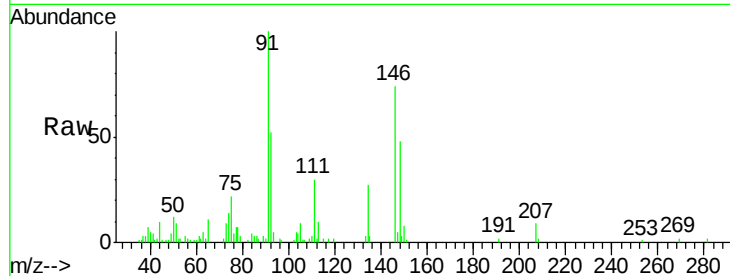
#91
 1,2-Dichlorobenzene
 Concen: 0.956 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.1
148	59.7	32.4	97.0

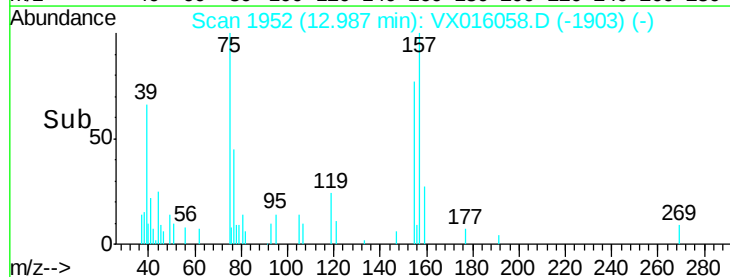
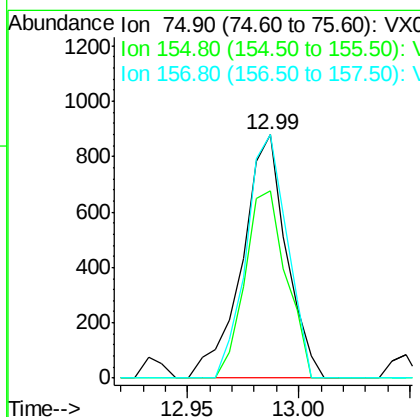
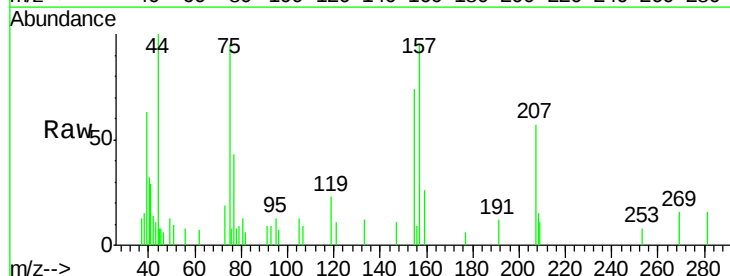
Manual Integrations
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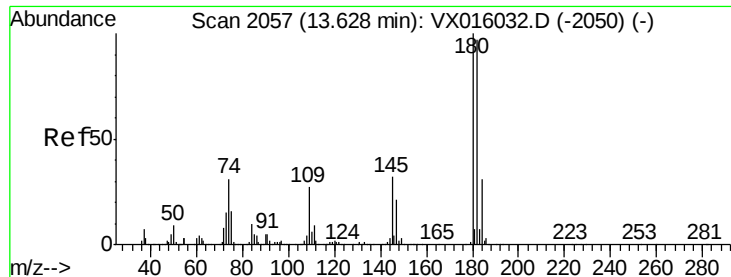
MMDadoda
 5/6/2020 12:27:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.958 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VX016058.D
 Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	42.5	127.5
157	91.6	55.3	165.8





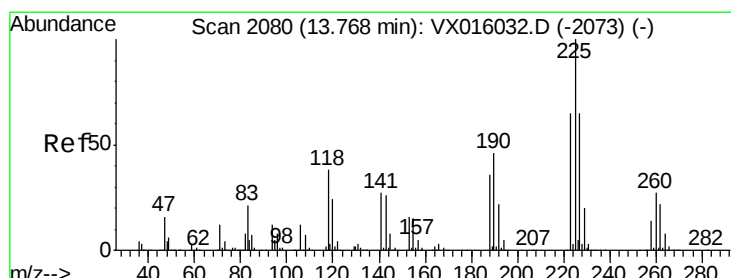
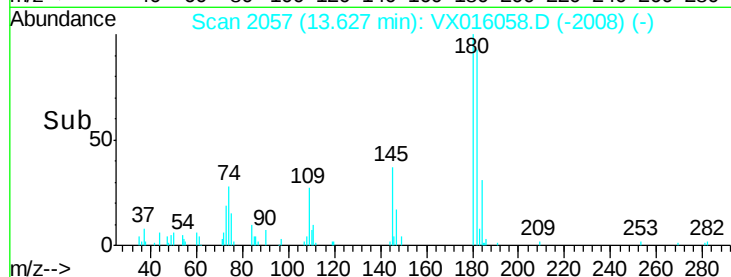
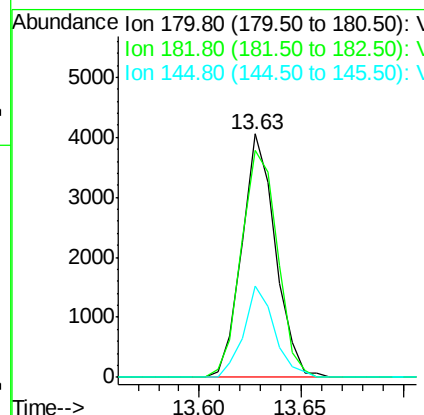
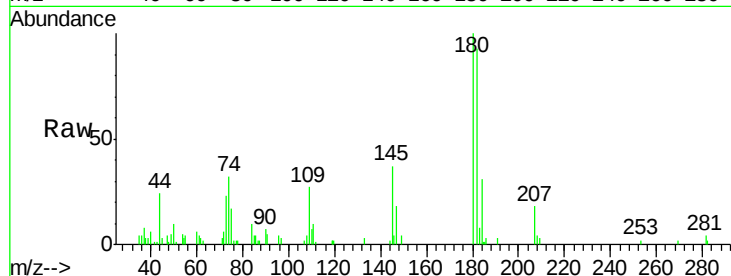
#93
1,2,4-Trichlorobenzene
Concen: 0.903 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.5	48.7	146.1
145	34.6	15.7	47.1

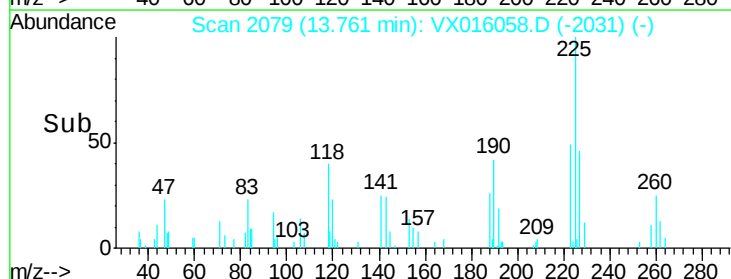
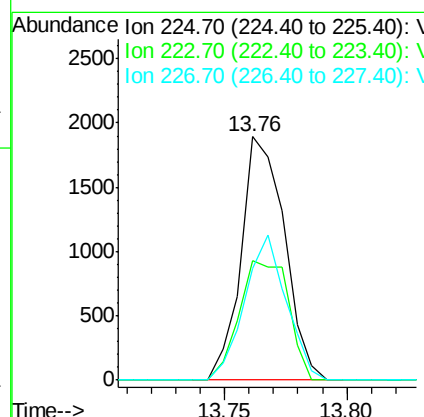
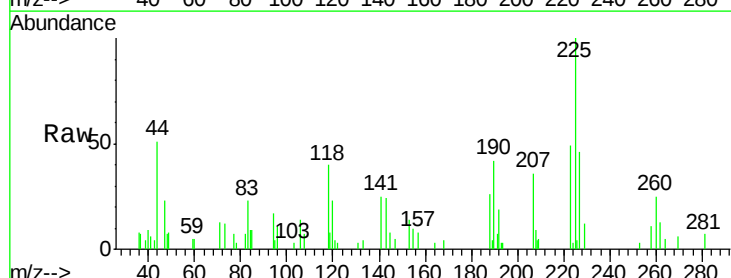
Manual Integrations
APPROVED

MMDadoda
5/6/2020 12:27:23 PM



#94
Hexachlorobutadiene
Concen: 0.989 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.8	32.3	96.9
227	57.2	31.8	95.4





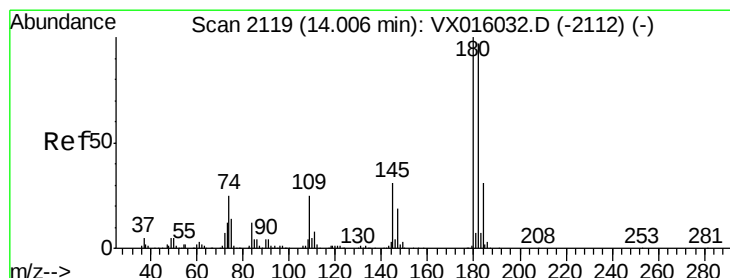
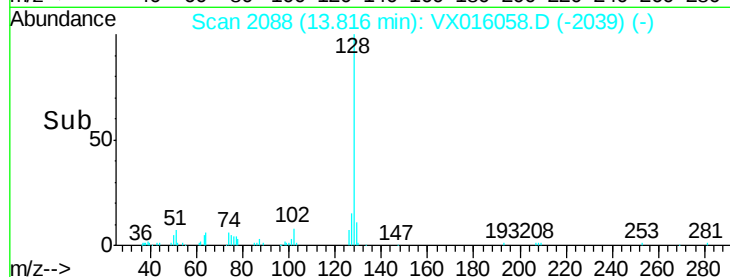
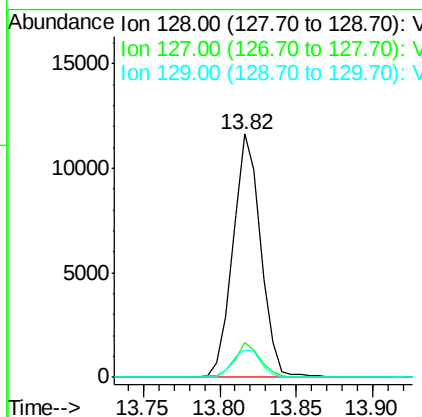
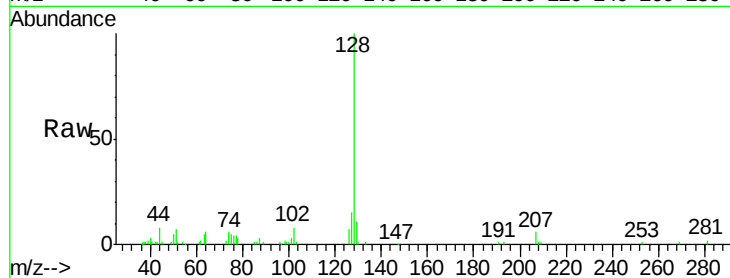
#95
Naphthalene
Concen: 0.886 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/6/2020 12:27:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.934 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016058.D
Acq: 05 May 2020 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.0
145	36.6	16.4	49.1

