

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018361.D
 Acq On : 11 Sep 2020 14:59
 Operator : JC/SP
 Sample : VX0911WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:56 PM

Quant Time: Sep 12 07:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	431454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	657160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	627024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329484	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	283686	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.46	113	224994	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.70	98	772575	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.12	95	303804	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90643	17.255	ug/l	97
3) Chloromethane	1.31	50	85986	15.526	ug/l	97
4) Vinyl Chloride	1.39	62	88072	15.975	ug/l	95
5) Bromomethane	1.64	94	60623	22.798	ug/l	99
6) Chloroethane	1.72	64	52104	17.597	ug/l	99
7) Trichlorofluoromethane	1.92	101	155107	20.633	ug/l	99
8) Diethyl Ether	2.17	74	48662	19.088	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79944	19.671	ug/l	98
10) Methyl Iodide	2.49	142	71670	20.027	ug/l	98
11) Tert butyl alcohol	3.01	59	92340	79.288	ug/l	96
12) 1,1-Dichloroethene	2.36	96	73199	17.361	ug/l	96
13) Acrolein	2.27	56	52730	109.195	ug/l	100
14) Allyl chloride	2.71	41	133155	17.578	ug/l	96
15) Acrylonitrile	3.11	53	225466	85.346	ug/l	99
16) Acetone	2.42	43	215109	92.165	ug/l	96
17) Carbon Disulfide	2.55	76	198306	15.558	ug/l	98
18) Methyl Acetate	2.75	43	114885	20.398	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	266892	18.457	ug/l	99
20) Methylene Chloride	2.83	84	92377	18.624	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	80917	17.322	ug/l	98
22) Diisopropyl ether	3.82	45	272617	18.234	ug/l	95
23) Vinyl Acetate	3.78	43	1158701	87.096	ug/l	97
24) 1,1-Dichloroethane	3.67	63	155278	18.245	ug/l	100
25) 2-Butanone	4.64	43	317916	82.882	ug/l	99
26) 2,2-Dichloropropane	4.54	77	140483	20.287	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	91269	16.957	ug/l	96
28) Bromochloromethane	4.98	49	76731	18.678	ug/l	93
29) Tetrahydrofuran	5.09	42	193164	79.108	ug/l	96
30) Chloroform	5.18	83	166596	18.904	ug/l	96
31) Cyclohexane	5.54	56	122861	17.137	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	155868	19.273	ug/l	99
36) 1,1-Dichloropropene	5.77	75	111392	18.378	ug/l	97
37) Ethyl Acetate	4.79	43	121195	17.216	ug/l	98
38) Carbon Tetrachloride	5.75	117	140402	20.554	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	122460	18.477	ug/l	94
40) Benzene	6.11	78	331719	18.625	ug/l	99
41) Methacrylonitrile	5.00	41	67174	17.378	ug/l	97
42) 1,2-Dichloroethane	6.16	62	140450	20.582	ug/l	97
43) Isopropyl Acetate	6.40	43	202046	17.769	ug/l	100
44) Trichloroethene	7.18	130	97074	19.289	ug/l	94
45) 1,2-Dichloropropane	7.49	63	88295	18.394	ug/l	97
46) Dibromomethane	7.63	93	64577	19.131	ug/l	97
47) Bromodichloromethane	7.87	83	134447	19.948	ug/l #	99
48) Methyl methacrylate	7.74	41	97567	17.237	ug/l	99
49) 1,4-Dioxane	7.71	88	30057	293.145	ug/l #	91
51) 4-Methyl-2-Pentanone	8.62	43	630108	89.711	ug/l	99
52) Toluene	8.76	92	218039	19.306	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	141252	18.909	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	148935	18.821	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	93054	19.319	ug/l	98
56) Ethyl methacrylate	9.16	69	128634	17.965	ug/l	97
57) 1,3-Dichloropropane	9.35	76	146797	18.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	303287	94.157	ug/l	98
59) 2-Hexanone	9.47	43	471938	88.366	ug/l	99
60) Dibromochloromethane	9.57	129	107926	19.101	ug/l	98
61) 1,2-Dibromoethane	9.65	107	98181	18.775	ug/l	98
64) Tetrachloroethene	9.32	164	92667	20.111	ug/l	95
65) Chlorobenzene	10.12	112	233193	18.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98337	19.923	ug/l	98
67) Ethyl Benzene	10.23	91	406000	19.064	ug/l	98
68) m/p-Xylenes	10.34	106	308000	38.748	ug/l	97
69) o-Xylene	10.68	106	145777	18.918	ug/l	99
70) Styrene	10.70	104	246080	18.752	ug/l	96
71) Bromoform	10.84	173	80565	19.137	ug/l #	97
73) Isopropylbenzene	11.00	105	397758	18.302	ug/l	100
74) N-amyl acetate	10.88	43	170820	16.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	134987	17.607	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	129145m	17.620	ug/l	
77) Bromobenzene	11.24	156	108152	18.003	ug/l	98
78) n-propylbenzene	11.34	91	456893	18.515	ug/l	99
79) 2-Chlorotoluene	11.40	91	280317	18.386	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	352487	19.737	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	45714	16.845	ug/l	93
82) 4-Chlorotoluene	11.49	91	337539	18.623	ug/l	98
83) tert-Butylbenzene	11.76	119	332666	18.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	346447	18.974	ug/l	100
85) sec-Butylbenzene	11.93	105	393420	19.629	ug/l	100
86) p-Isopropyltoluene	12.05	119	365680	19.863	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	194470	18.438	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	203252	19.246	ug/l	98
89) n-Butylbenzene	12.37	91	310956	18.505	ug/l	100
90) Hexachloroethane	12.58	117	73573	20.312	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	188043	18.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32499	16.953	ug/l	99

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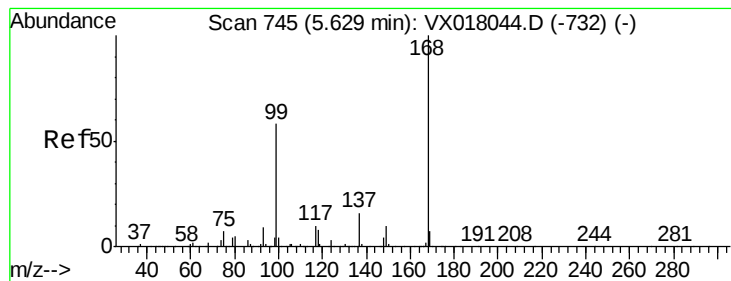
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	120012	18.127	ug/l	99
94) Hexachlorobutadiene	13.77	225	55933	21.419	ug/l	97
95) Naphthalene	13.82	128	394768	18.118	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	121844	18.625	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion:168 Resp: 431454

Ion Ratio Lower Upper

168 100

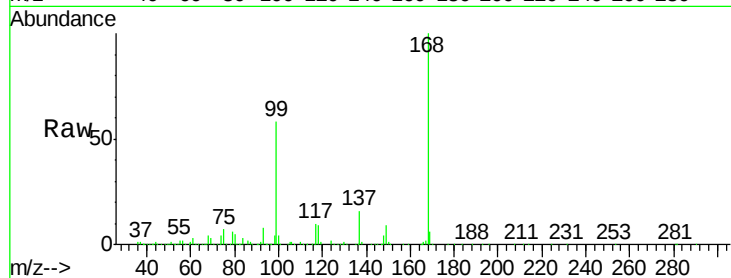
99 57.6 46.3 69.5

Manual Integrations

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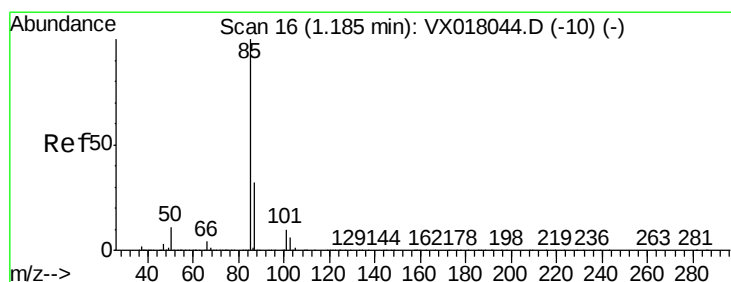
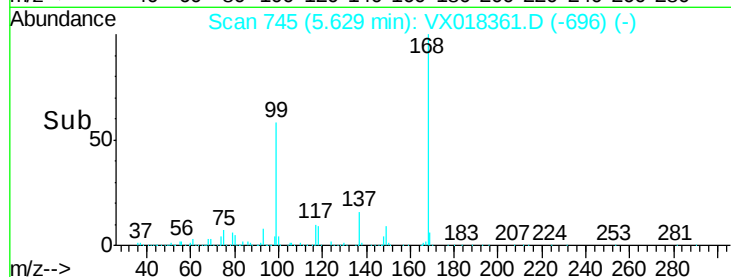
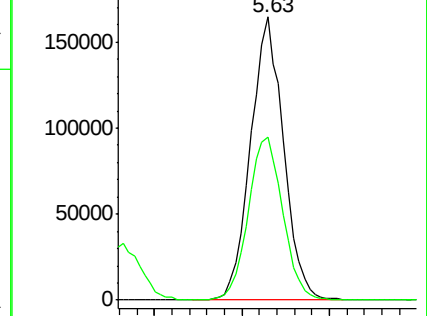
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.255 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018361.D

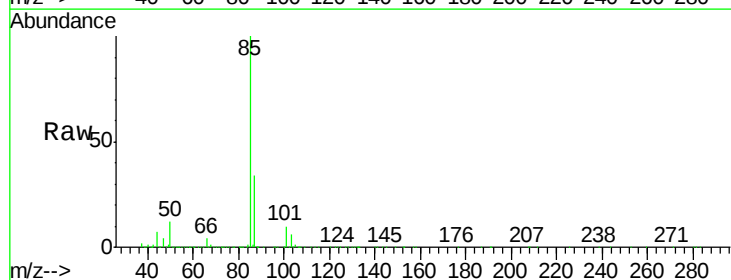
Acq: 11 Sep 2020 14:59

Tgt Ion: 85 Resp: 90643

Ion Ratio Lower Upper

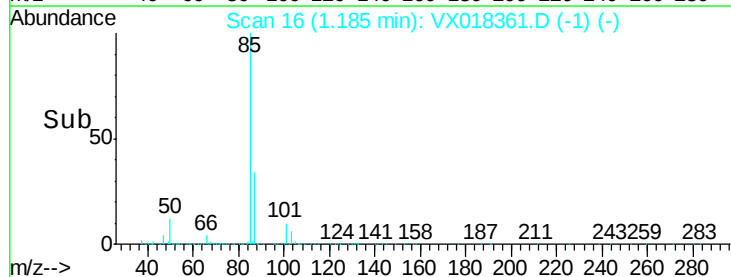
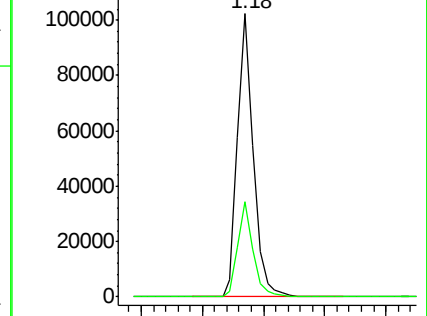
85 100

87 33.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.526 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 50 Resp: 85986

Ion Ratio Lower Upper

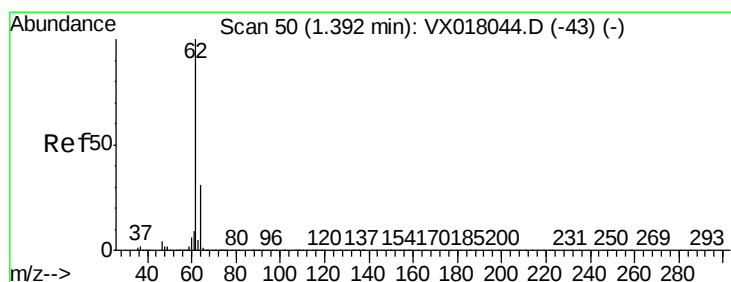
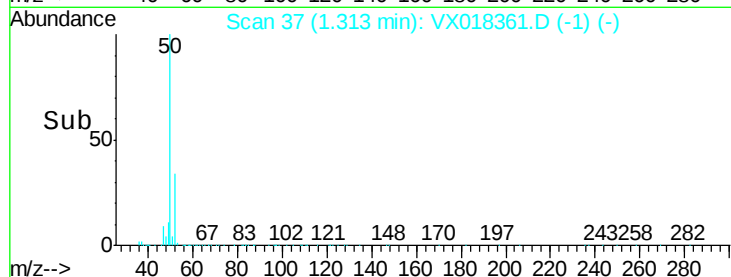
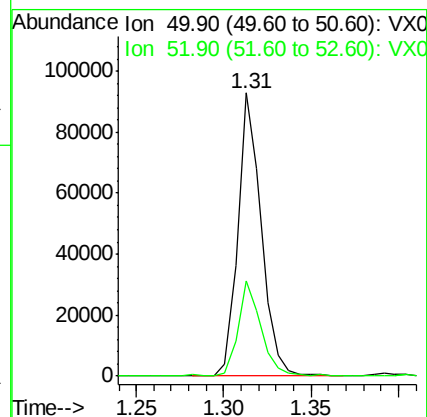
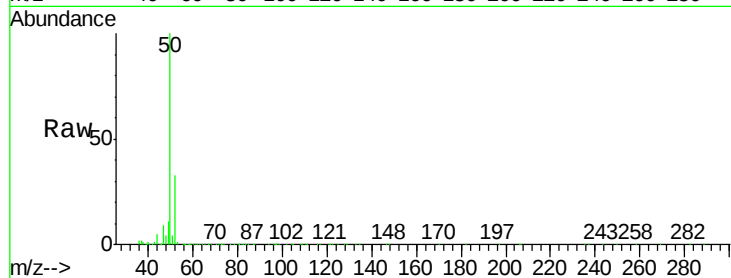
50 100

52 33.4 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 15.975 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018361.D

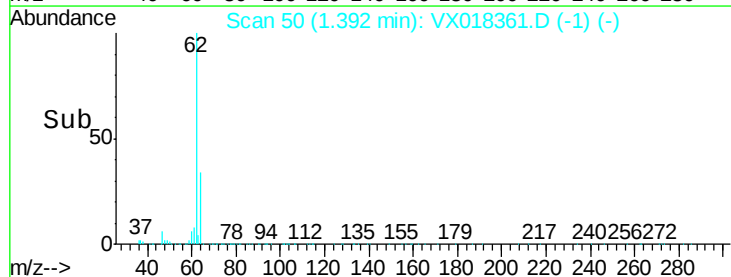
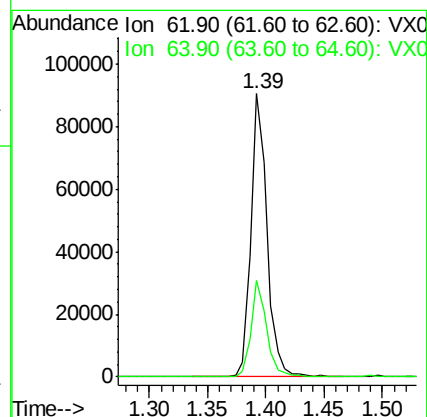
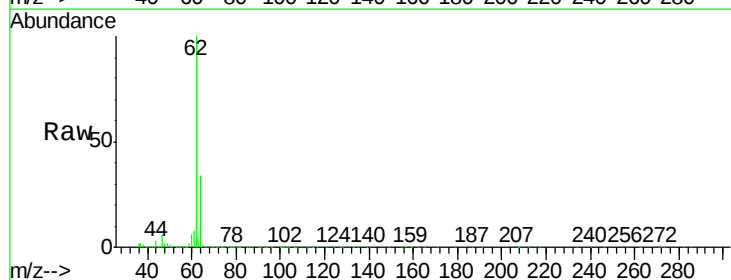
Acq: 11 Sep 2020 14:59

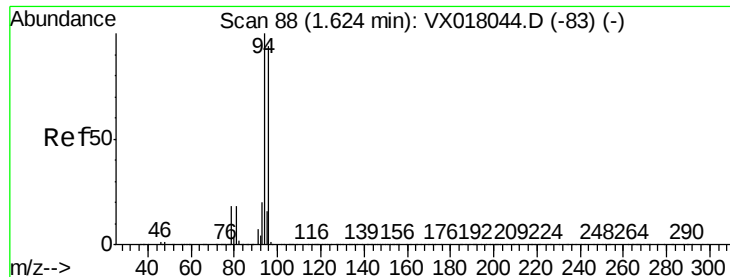
Tgt Ion: 62 Resp: 88072

Ion Ratio Lower Upper

62 100

64 34.0 25.1 37.7





#5

Bromomethane

Concen: 22.798 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

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ClientSampleId :

VX0911WBS02

Tot Ion: 94 Resp: 60623

Ion Ratio Lower Upper

94 100

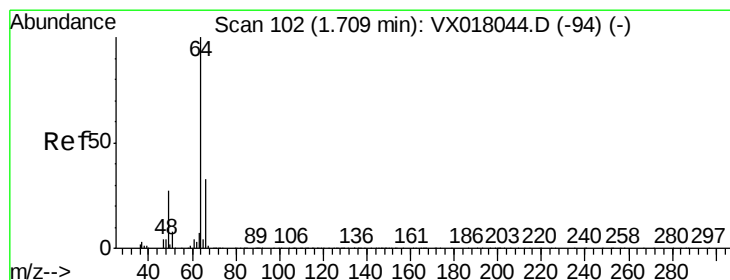
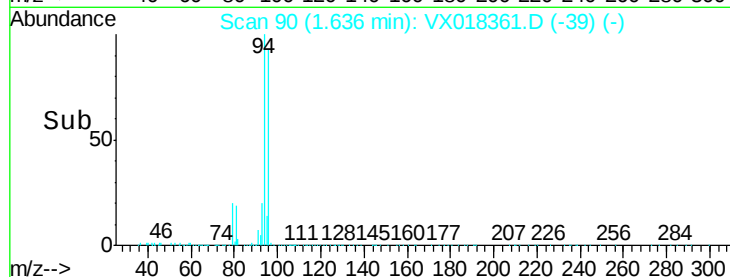
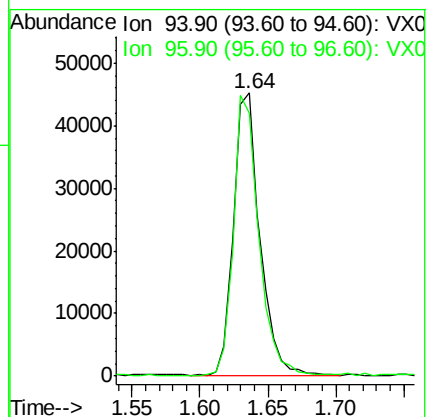
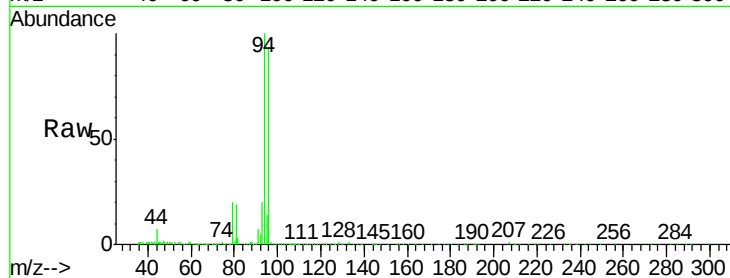
96 92.8 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.597 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018361.D

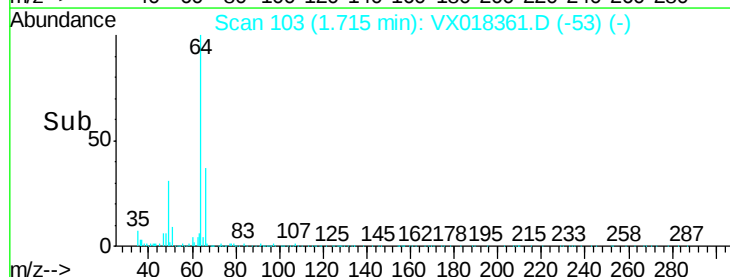
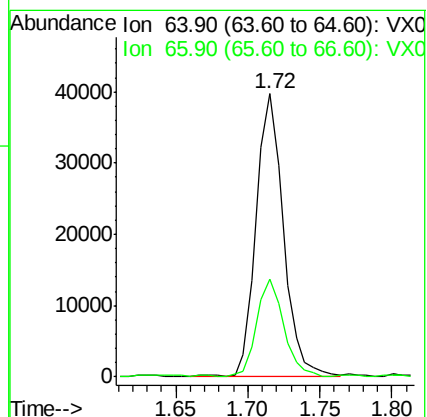
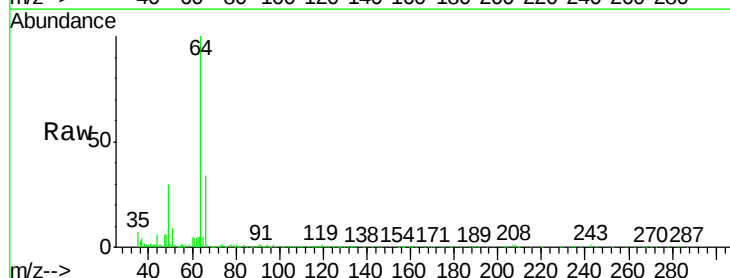
Acq: 11 Sep 2020 14:59

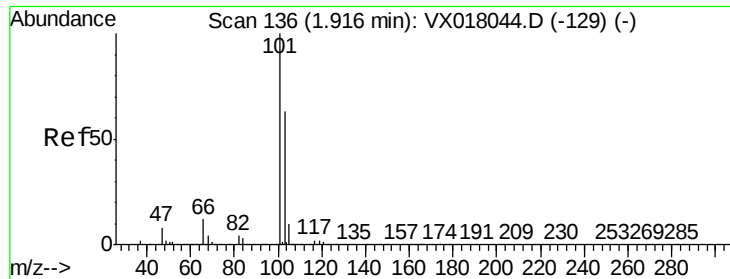
Tgt Ion: 64 Resp: 52104

Ion Ratio Lower Upper

64 100

66 34.0 26.6 39.8





#7

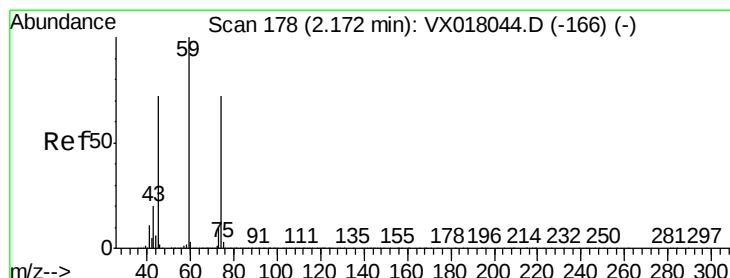
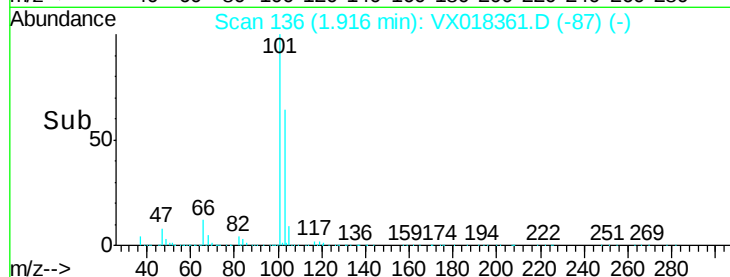
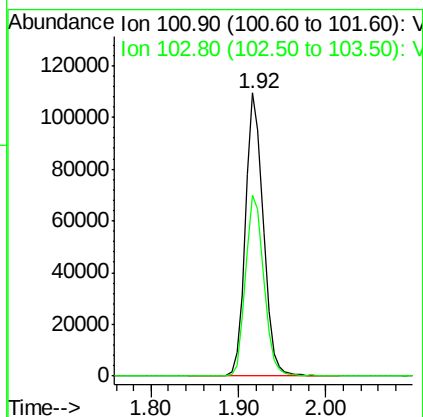
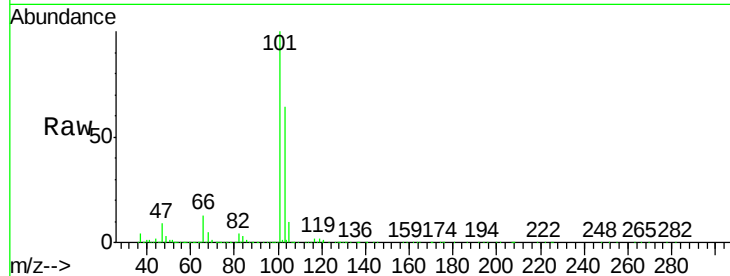
Trichlorofluoromethane
Concen: 20.633 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

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ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.7	76.1

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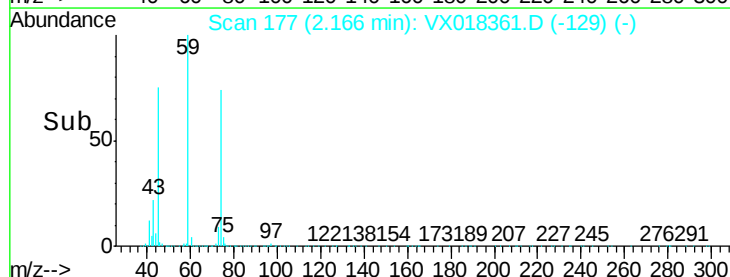
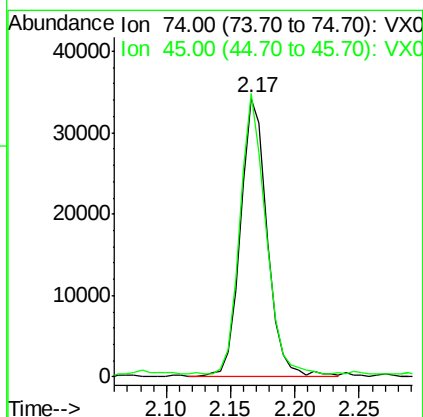
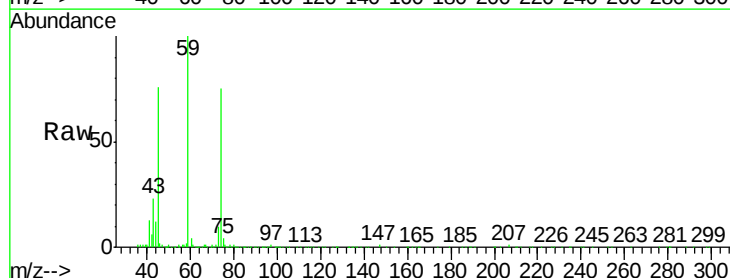
MMDadoda
9/14/2020 12:09:56 PM

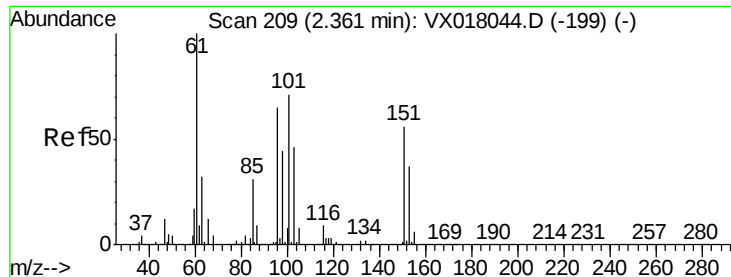


#8

Diethyl Ether
Concen: 19.088 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.671 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

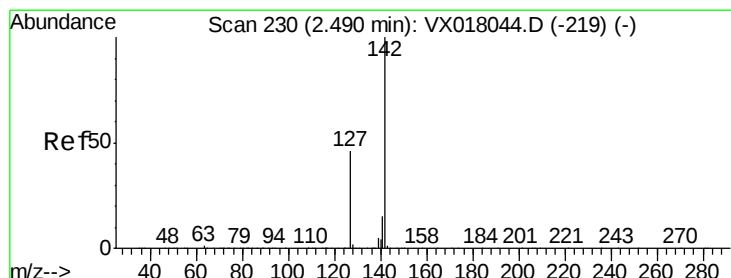
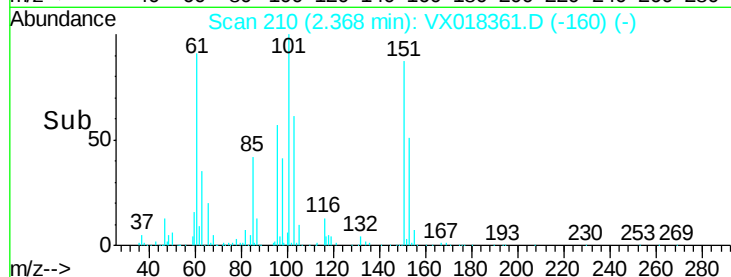
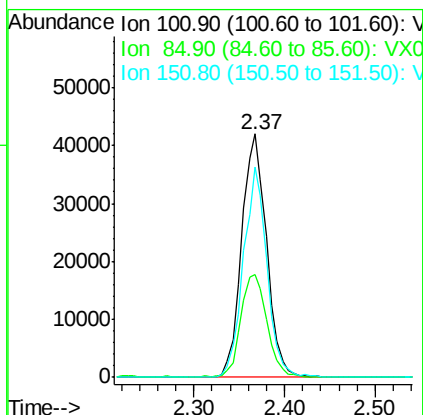
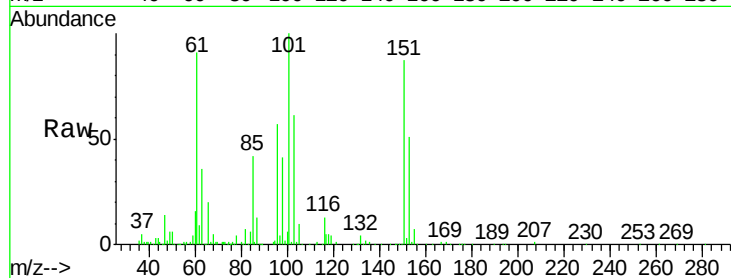
ClientSampleId :

VX0911WBS02

Tot Ion:	101	Resp:	79944
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.0	51.0
151	82.1	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 20.027 ug/l

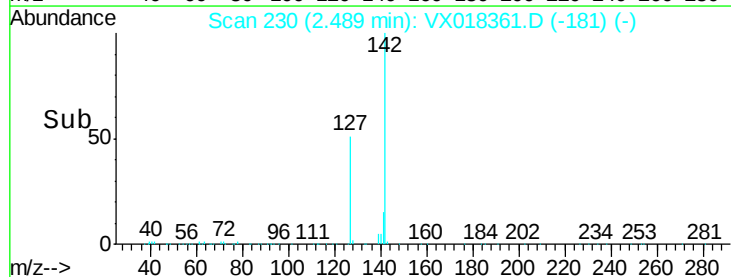
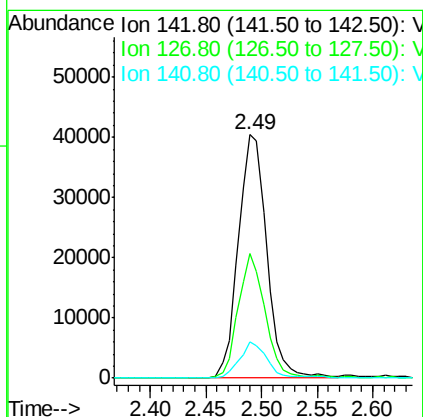
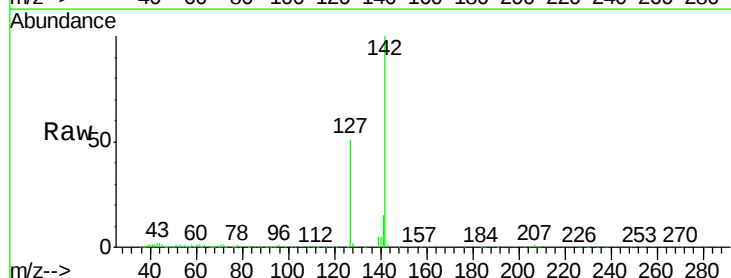
RT: 2.49 min Scan# 230

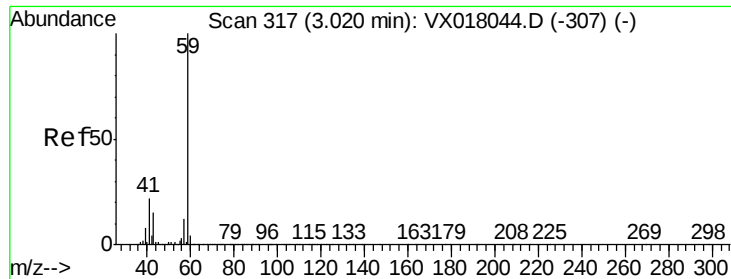
Delta R.T. 0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	142	Resp:	71670
Ion Ratio	Lower	Upper	
142	100		
127	48.3	37.0	55.6
141	14.5	11.5	17.3





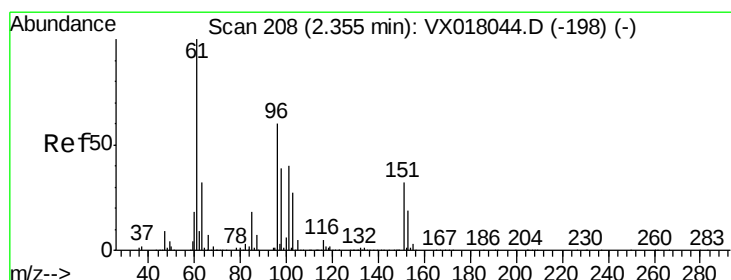
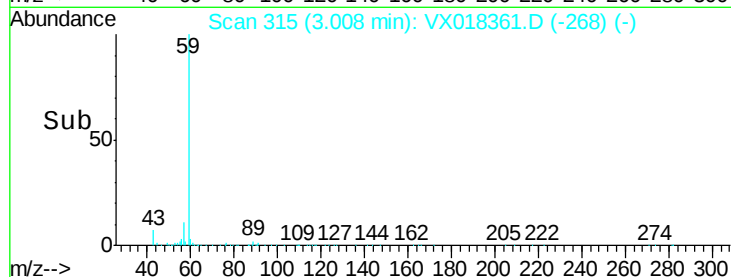
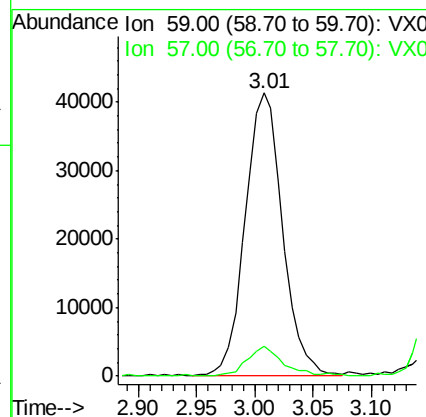
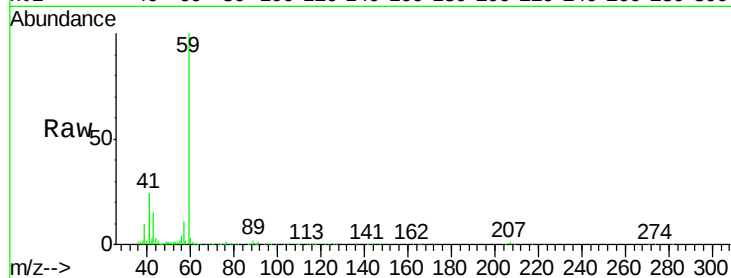
#11
Tert butyl alcohol
Concen: 79.288 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.9	13.3

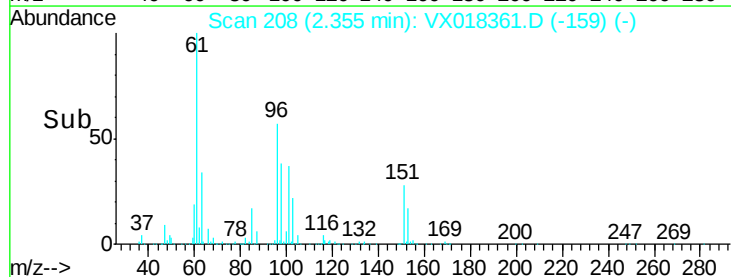
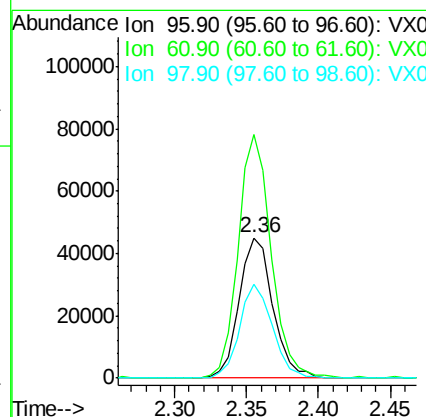
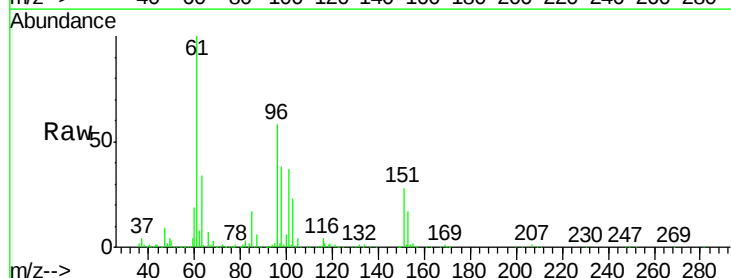
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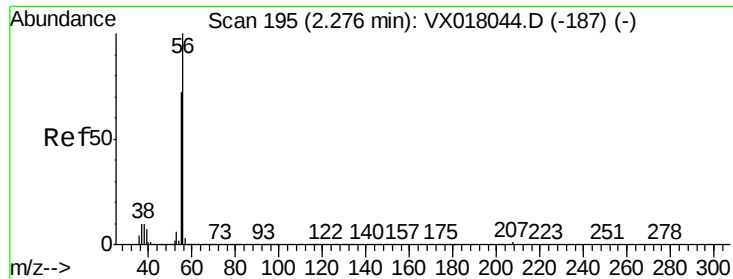
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#12
1,1-Dichloroethene
Concen: 17.361 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	133.0	199.4
98	66.5	51.6	77.4





#13

Acrolein

Concen: 109.195 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 56 Resp: 52730

Ion Ratio Lower Upper

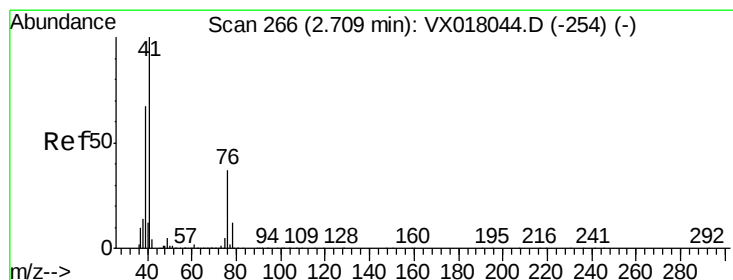
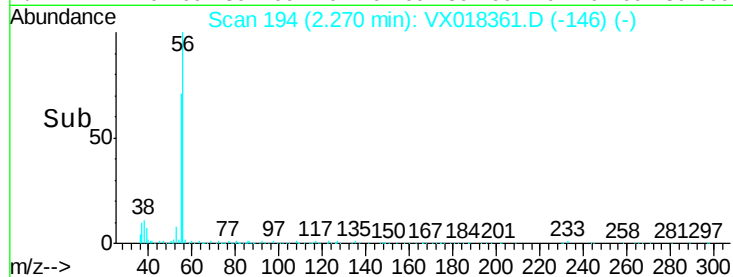
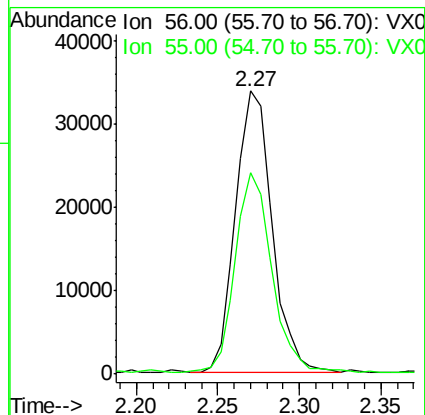
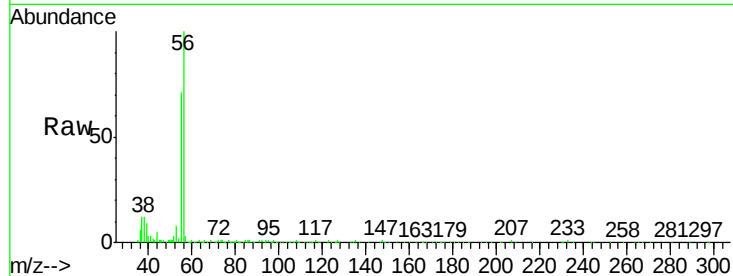
56 100

55 71.6 57.0 85.6

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#14

Allyl chloride

Concen: 17.578 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

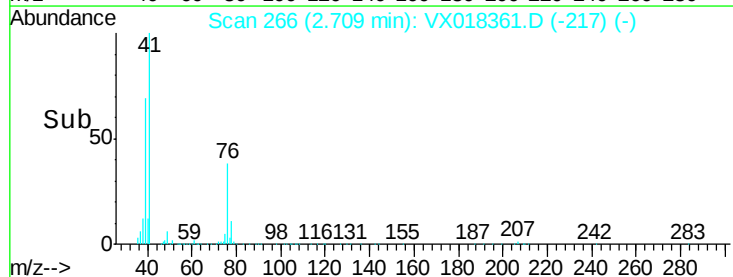
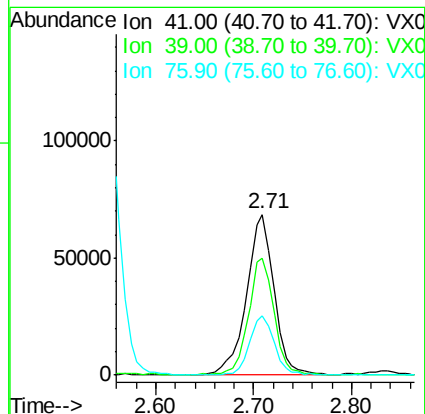
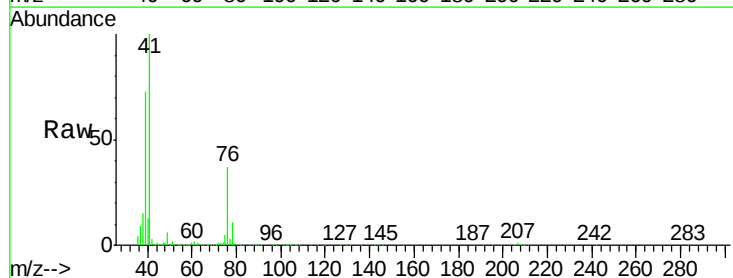
Tgt Ion: 41 Resp: 133155

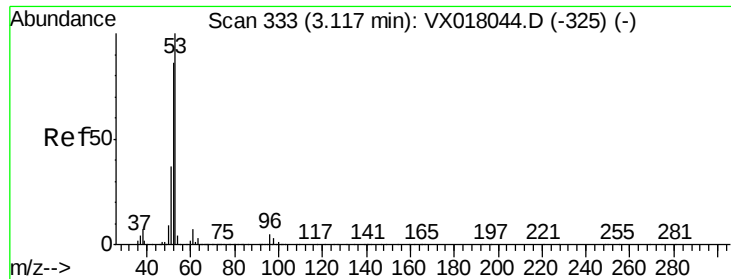
Ion Ratio Lower Upper

41 100

39 67.4 50.6 76.0

76 33.6 26.2 39.2





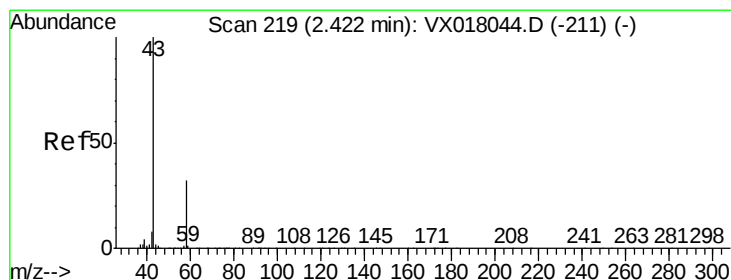
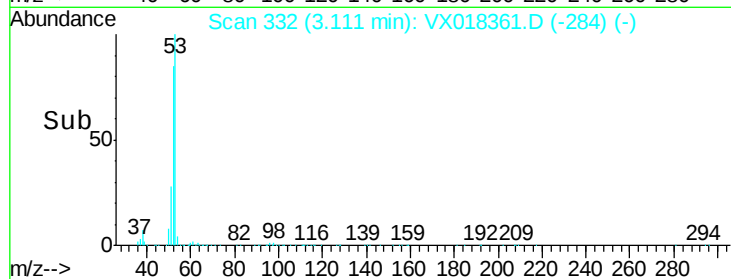
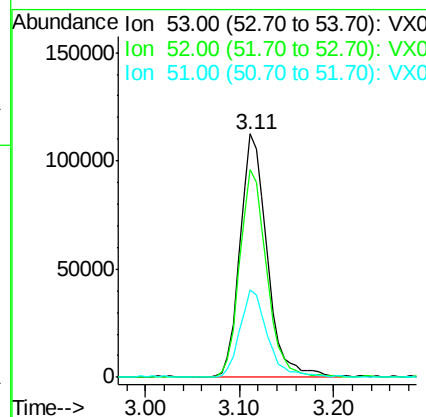
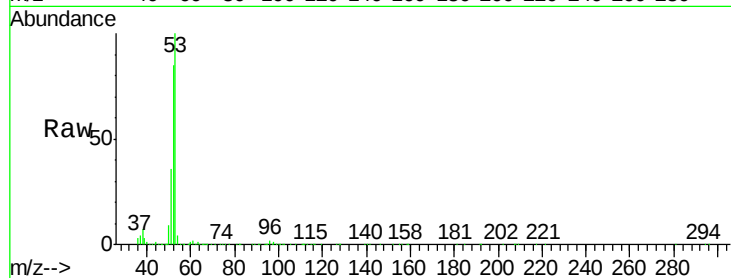
#15
 Acrylonitrile
 Concen: 85.346 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS02

Tot Ion:	53	Resp:	225466
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.9	100.3
51	36.2	28.7	43.1

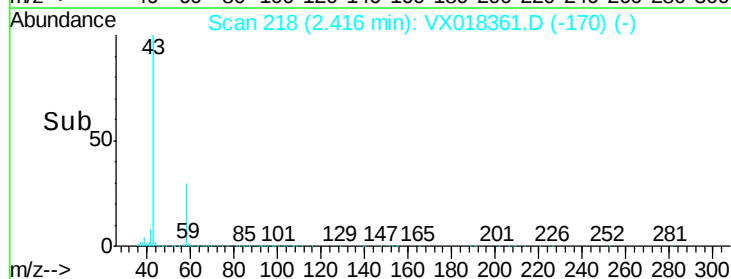
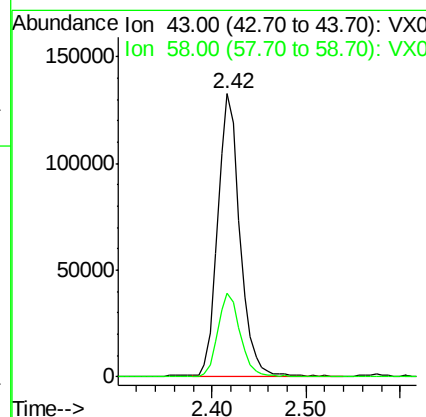
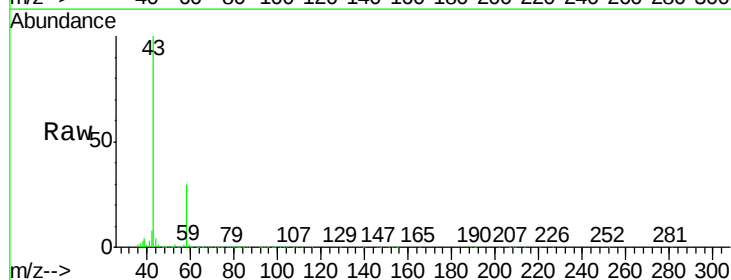
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#16
 Acetone
 Concen: 92.165 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Tgt Ion:	43	Resp:	215109
Ion Ratio	Lower	Upper	
43	100		
58	29.6	25.5	38.3





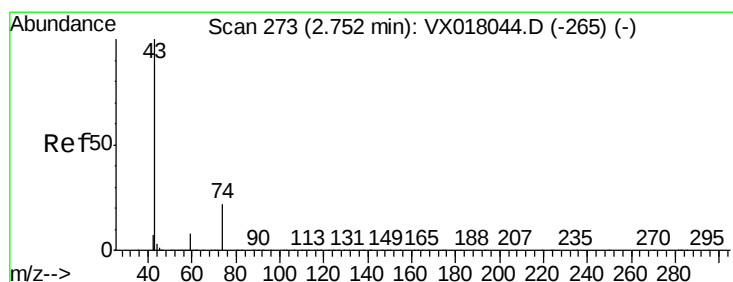
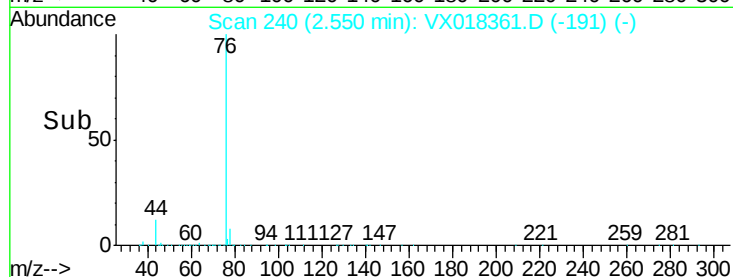
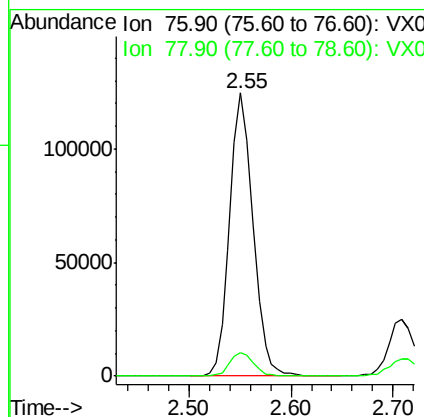
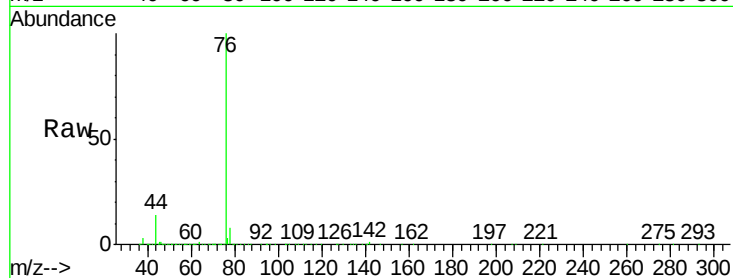
#17
Carbon Disulfide
Concen: 15.558 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

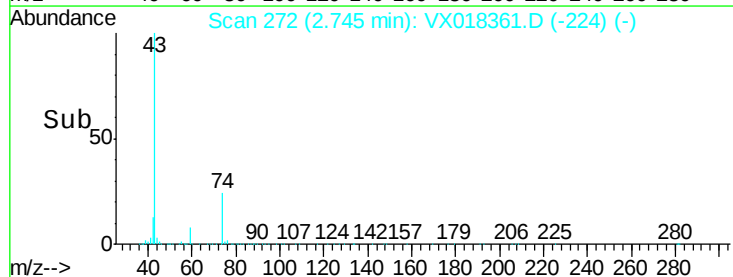
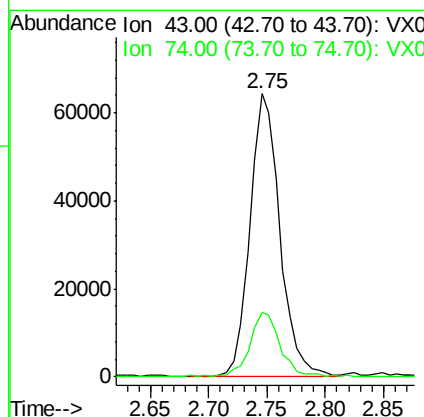
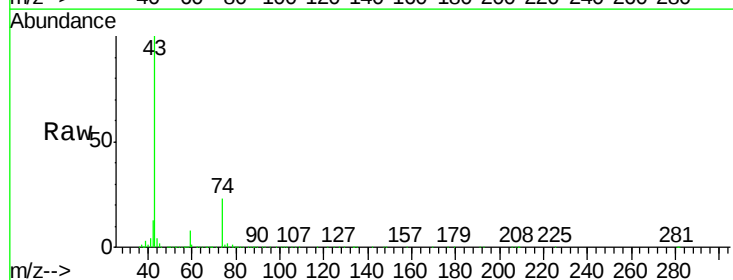
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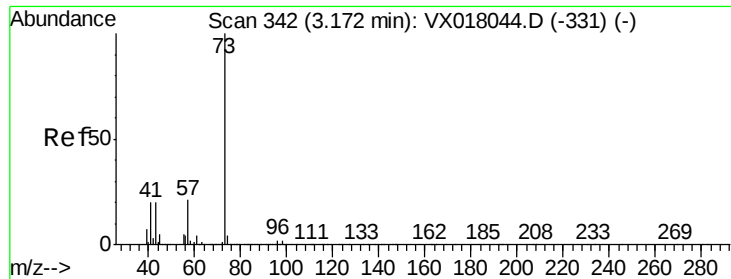
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9/14/2020 12:09:56 PM



#18
Methyl Acetate
Concen: 20.398 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.2	27.4





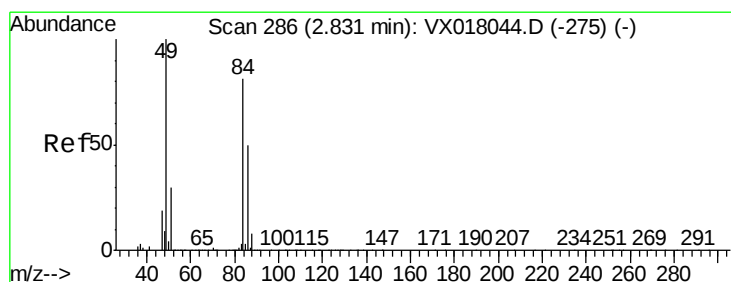
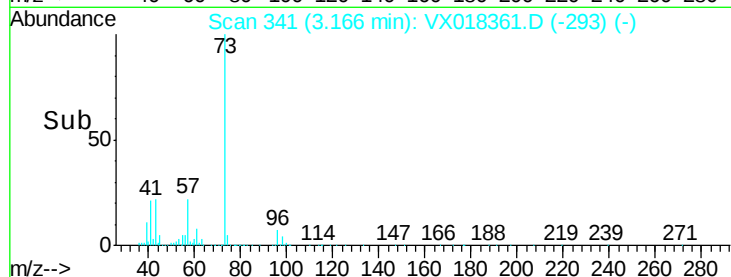
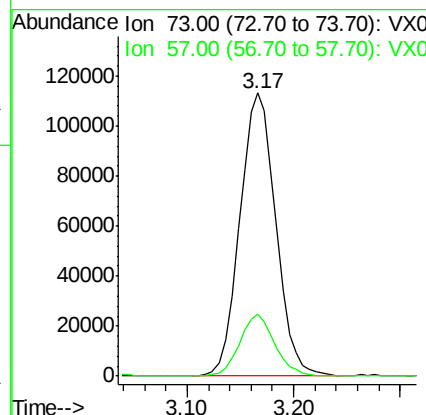
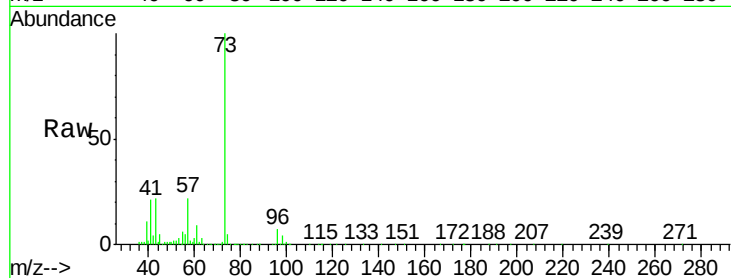
#19
Methvl tert-butvl Ether
Concen: 18.457 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	73	Resp	266892
Ion Ratio	100	Lower	Upper
73	100	16.8	25.2
57	21.6		

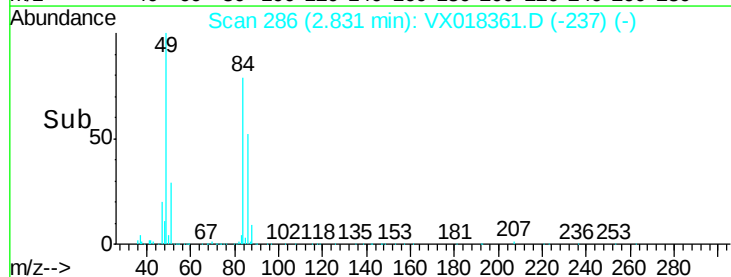
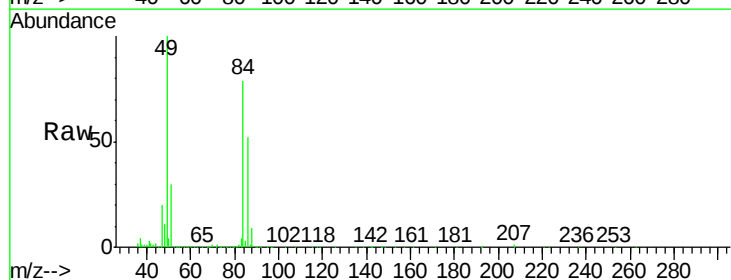
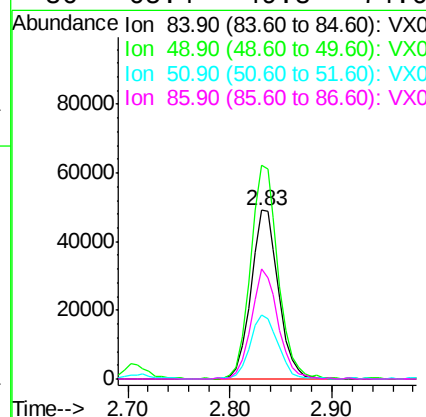
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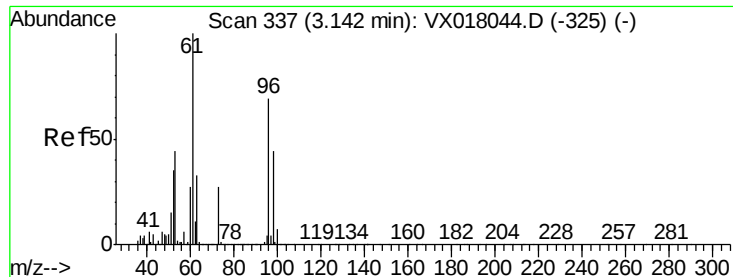
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#20
Methylene Chloride
Concen: 18.624 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	84	Resp	92377
Ion Ratio	100	Lower	Upper
84	100	98.6	148.0
49	126.5	29.6	44.4
51	37.5	49.8	74.6
86	65.4		





#21

trans-1,2-Dichloroethene

Concen: 17.322 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

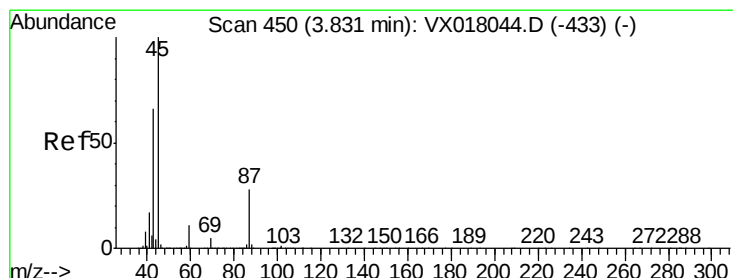
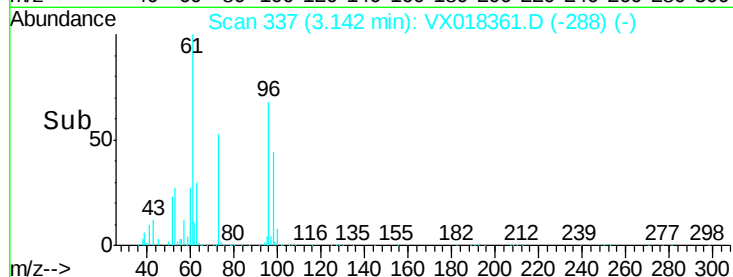
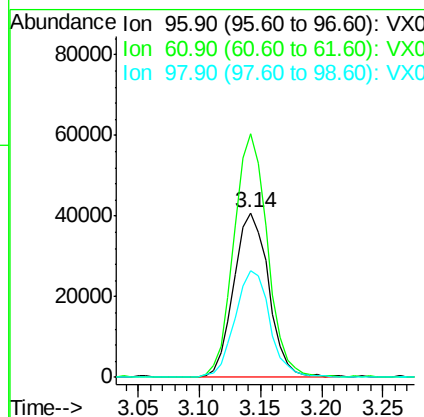
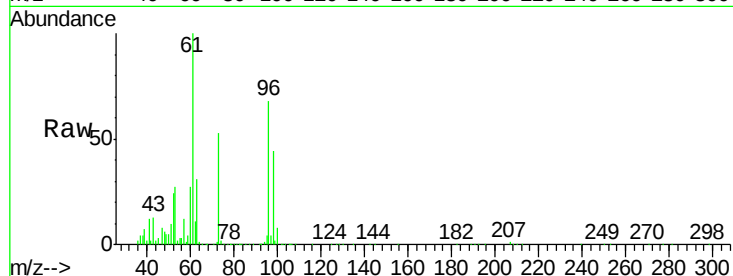
ClientSampleId :

VX0911WBS02

Tot Ion:	96	Resp:	80917
Ion	Ratio	Lower	Upper
96	100		
61	147.7	115.4	173.0
98	64.6	51.1	76.7

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9/14/2020 12:09:56 PM



#22

Diisopropyl ether

Concen: 18.234 ug/l

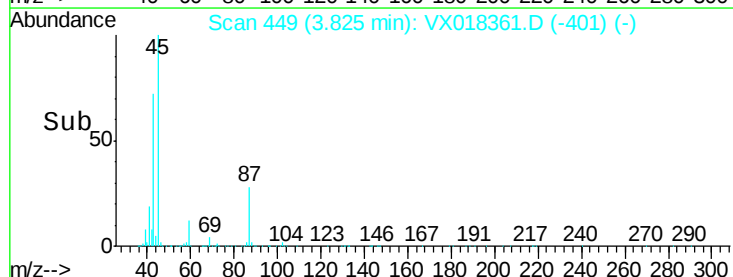
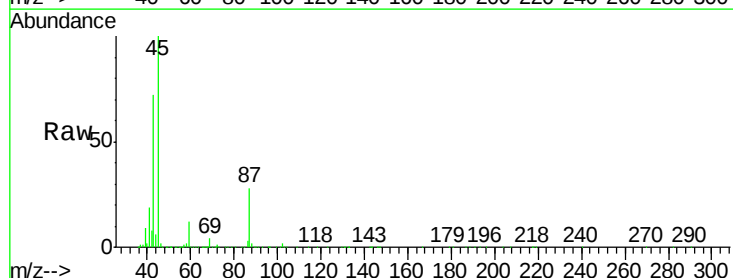
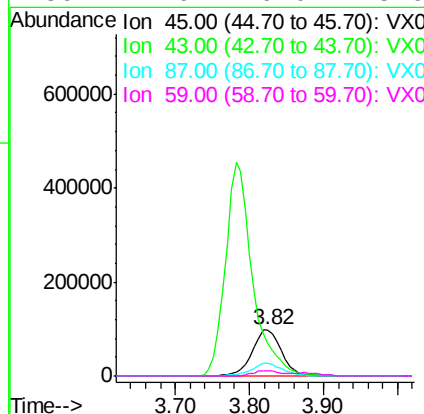
RT: 3.82 min Scan# 449

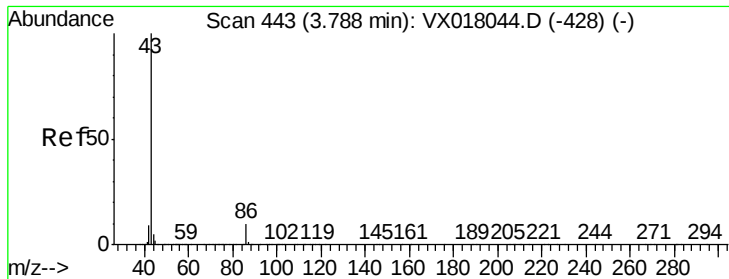
Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	45	Resp:	272617
Ion	Ratio	Lower	Upper
45	100		
43	71.6	52.8	79.2
87	28.5	22.5	33.7
59	11.9	9.0	13.6





#23

Vinyl Acetate

Concen: 87.096 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 43 Resp: 1158701

Ion Ratio Lower Upper

43 100

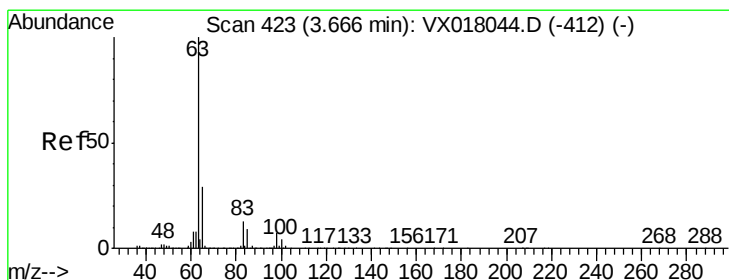
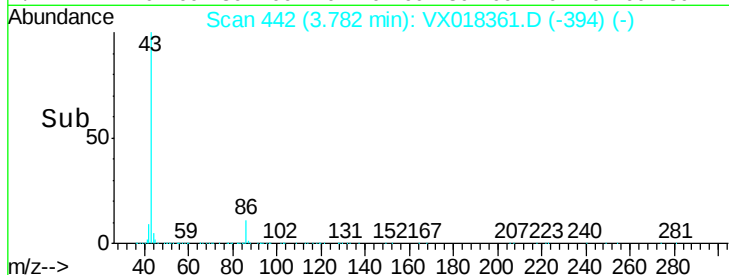
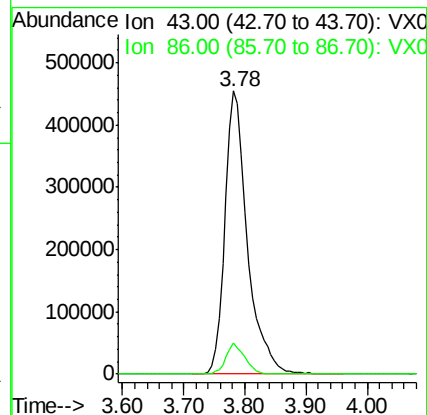
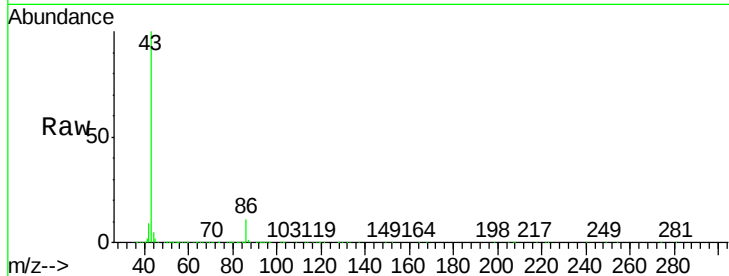
86 11.1 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 18.245 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

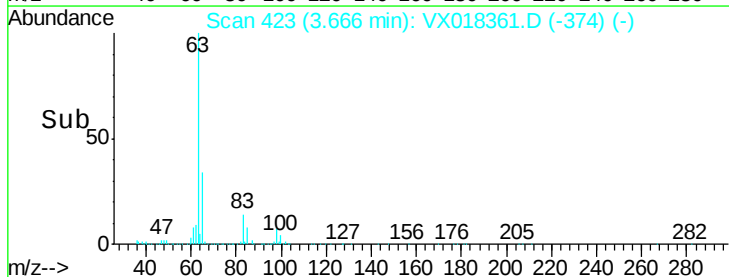
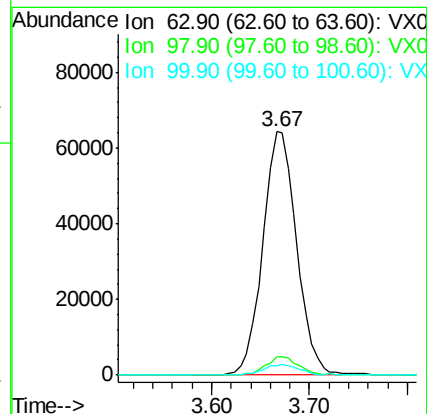
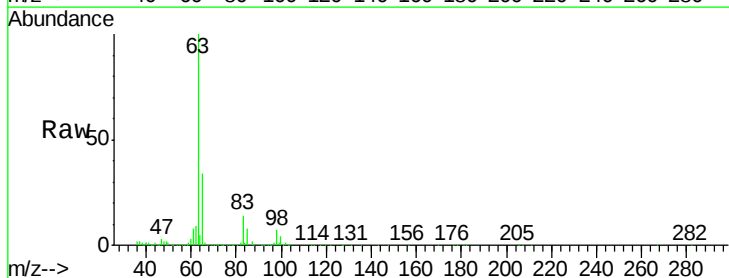
Tgt Ion: 63 Resp: 155278

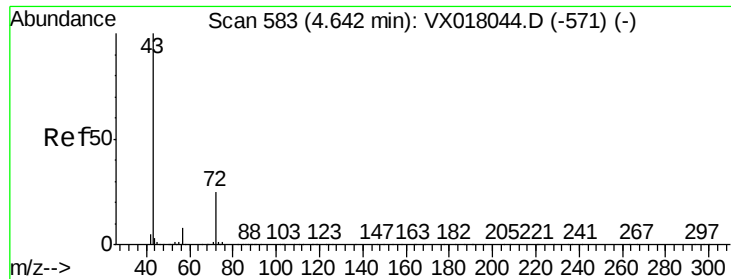
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 3.8 2.0 6.0





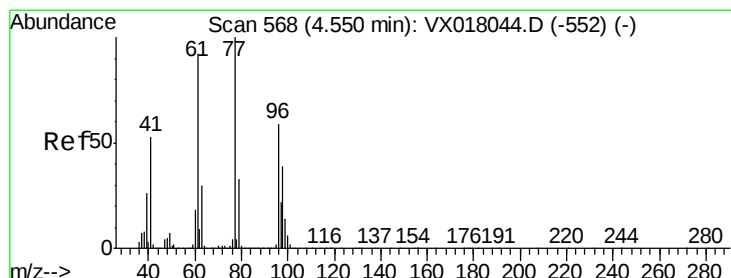
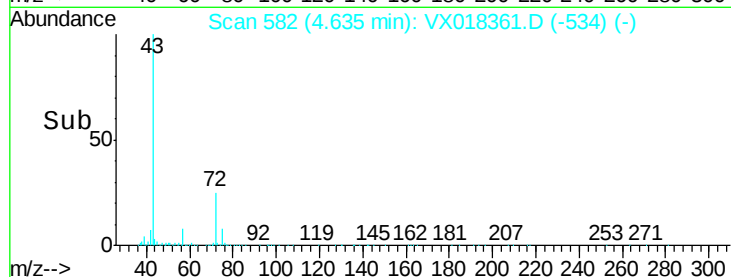
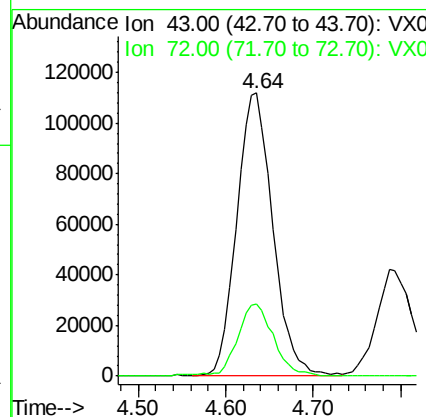
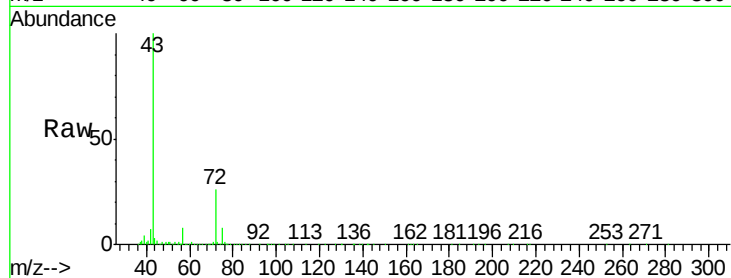
#25
2-Butanone
Concen: 82.882 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion: 43 Resp: 317916
Ion Ratio Lower Upper
43 100
72 25.2 19.8 29.6

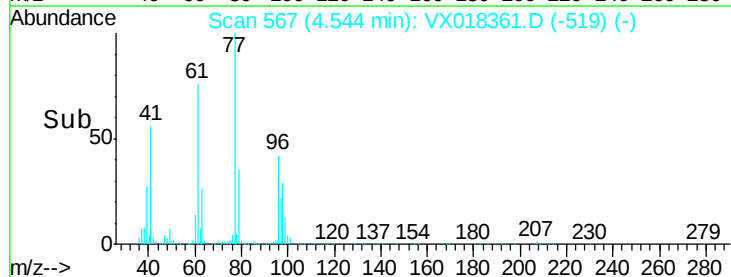
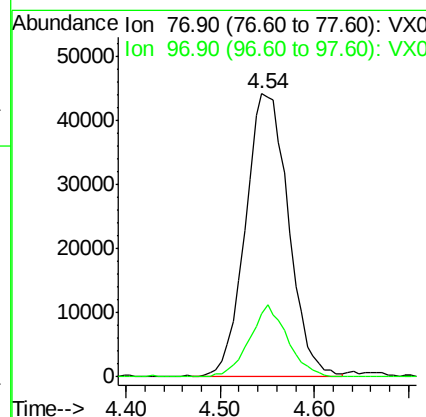
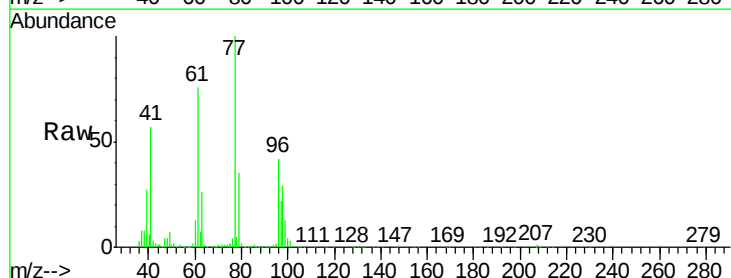
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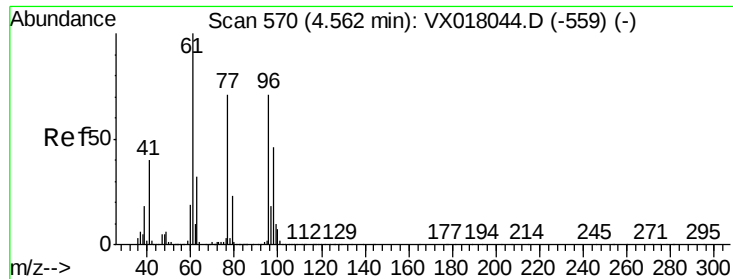
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#26
2,2-Dichloropropane
Concen: 20.287 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion: 77 Resp: 140483
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27

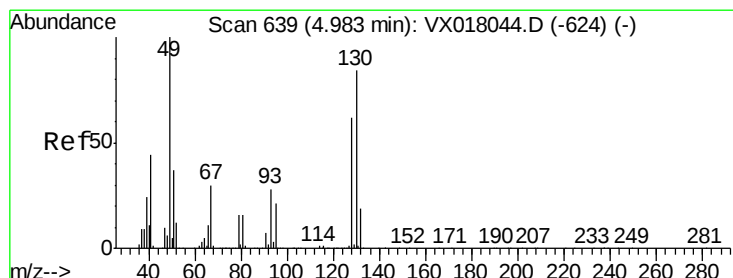
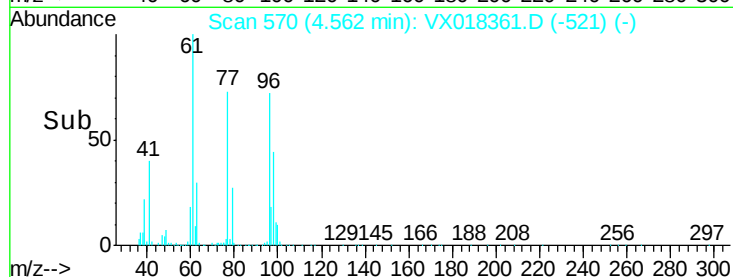
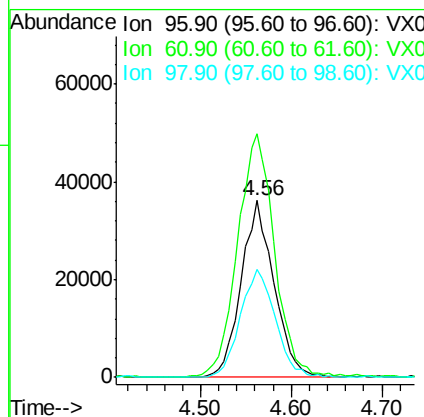
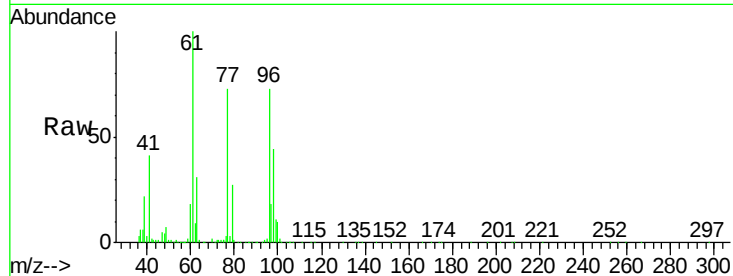
cis-1,2-Dichloroethene
Concen: 16.957 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.4	0.0	296.6	
98	65.3	0.0	130.2	

Manual Integrations
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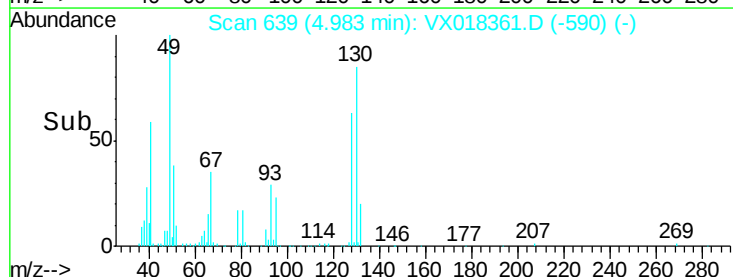
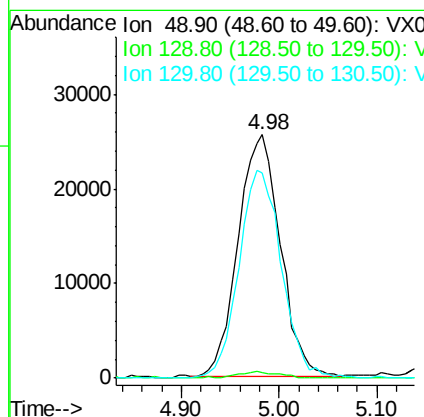
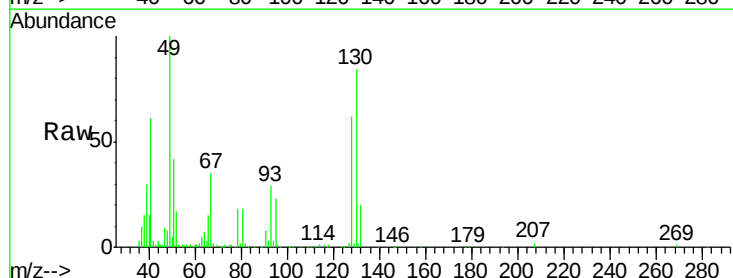
MMDadoda
9/14/2020 12:09:56 PM



#28

Bromochloromethane
Concen: 18.678 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.6	
130	87.0	64.6	96.8	





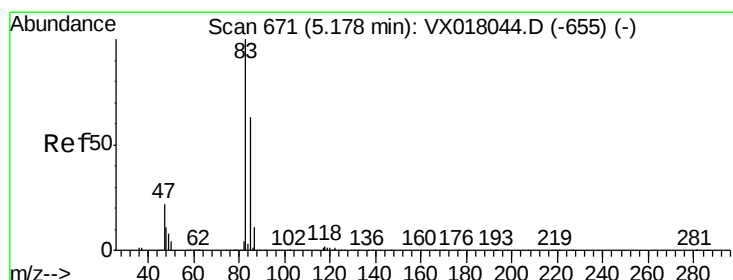
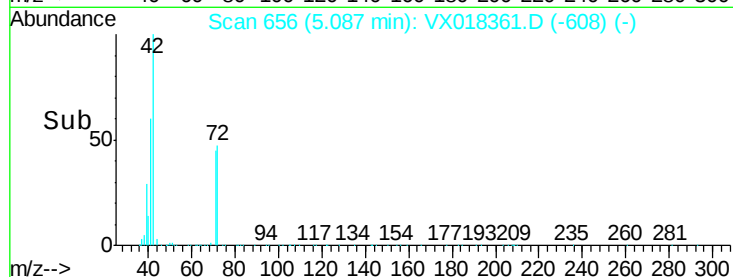
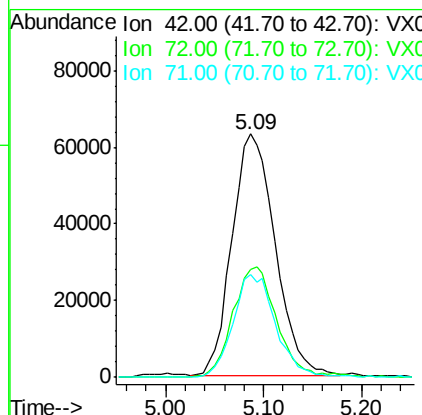
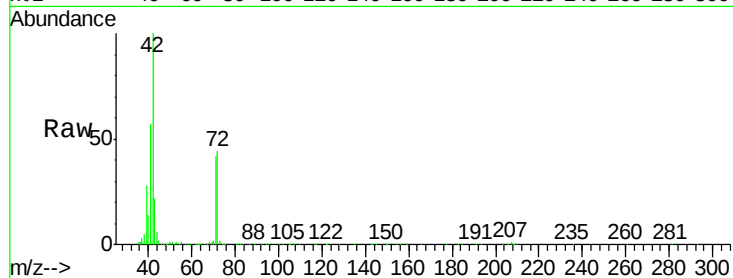
#29
Tetrahydrofuran
Concen: 79.108 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	34.2	51.4
71	41.7	32.1	48.1

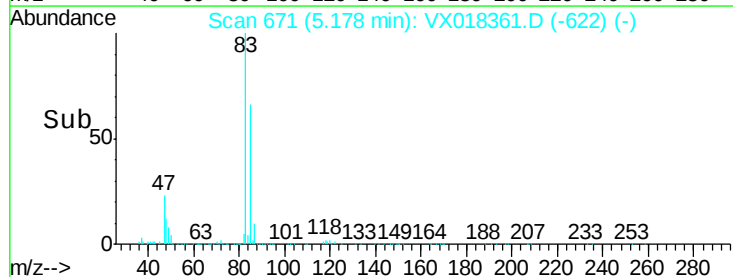
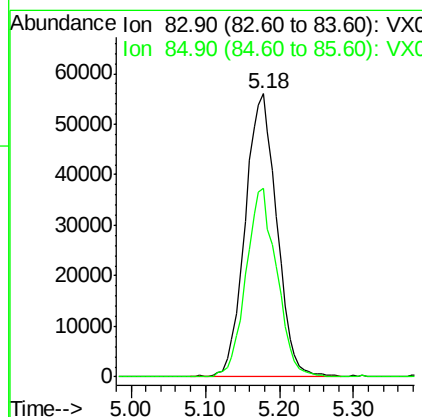
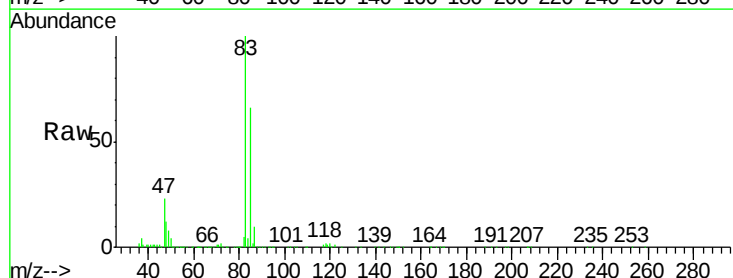
Manual Integrations
APPROVED

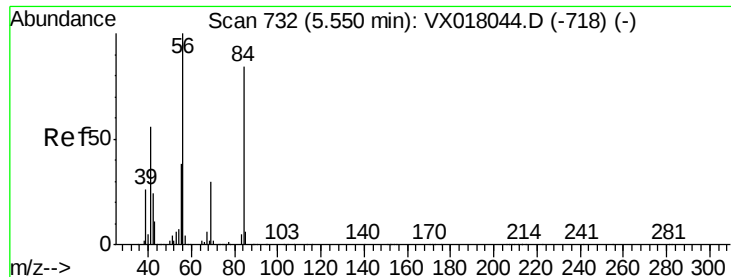
MMDadoda
9/14/2020 12:09:56 PM



#30
Chloroform
Concen: 18.904 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.7	76.1





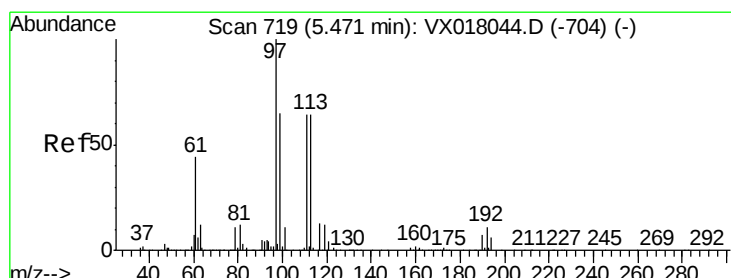
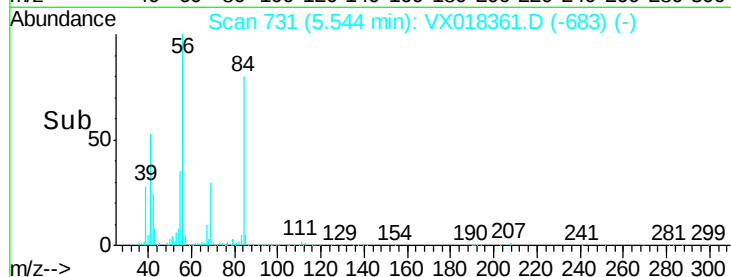
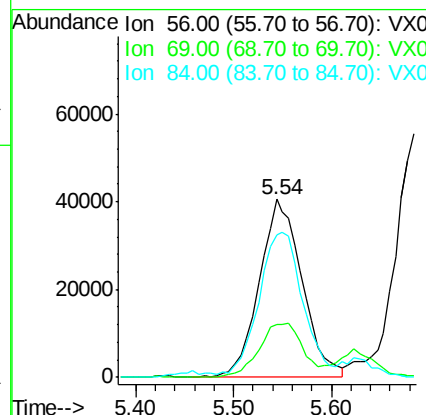
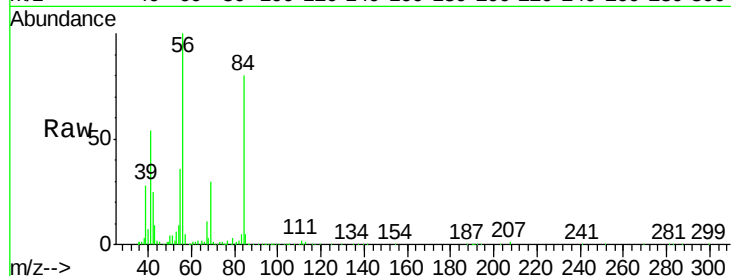
#31
Cyclohexane
Concen: 17.137 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.9	35.9
84	76.9	67.0	100.4

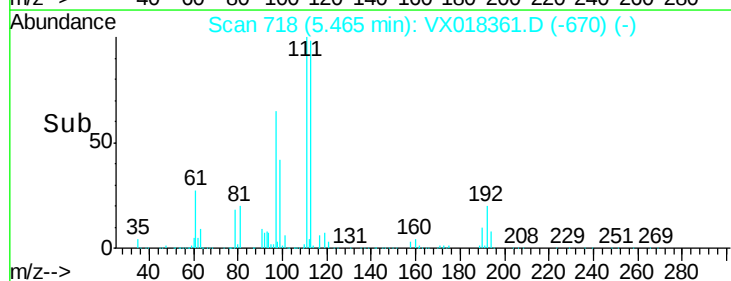
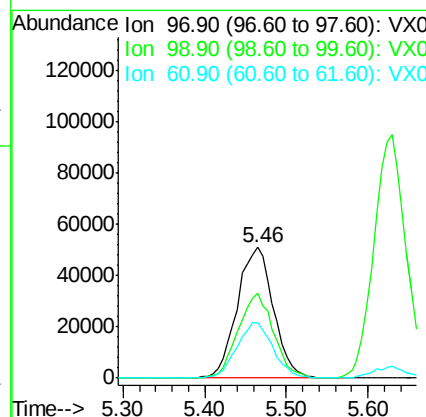
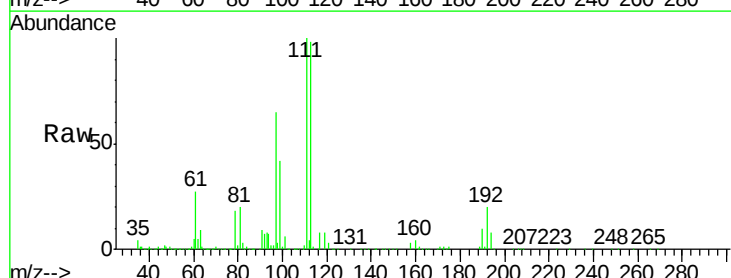
Manual Integrations
APPROVED

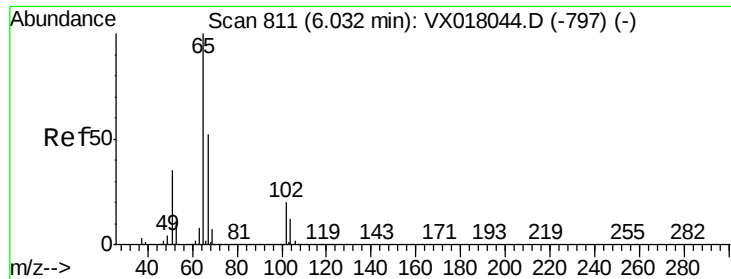
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#32
1,1,1-Trichloroethane
Concen: 19.273 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	42.4	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 47.362 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 65 Resp: 283686

Ion Ratio Lower Upper

65 100

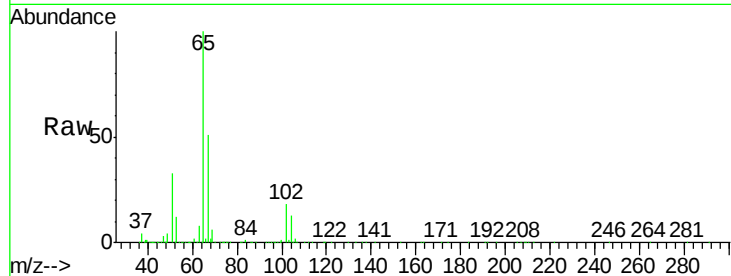
67 49.9 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

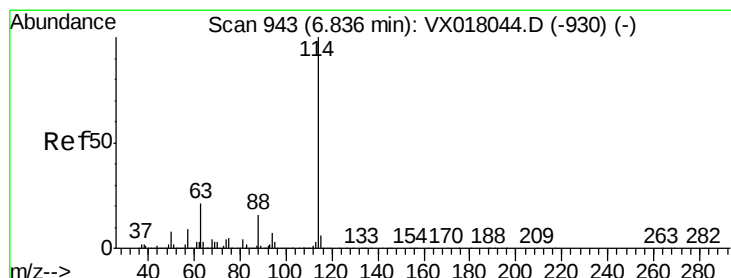
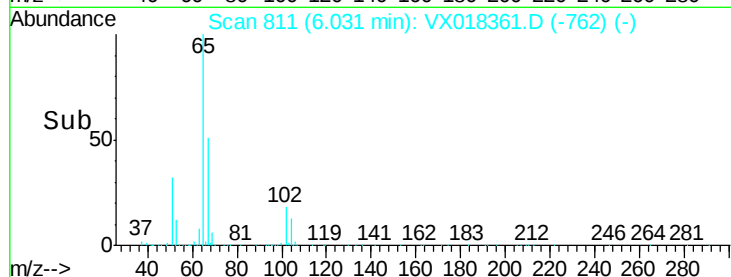
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

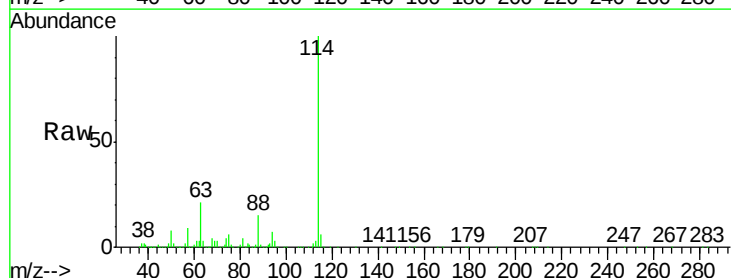
Tgt Ion: 114 Resp: 657160

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 15.2 0.0 31.8



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

6.83

400000

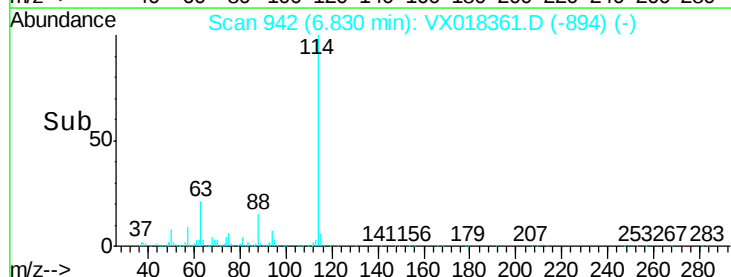
300000

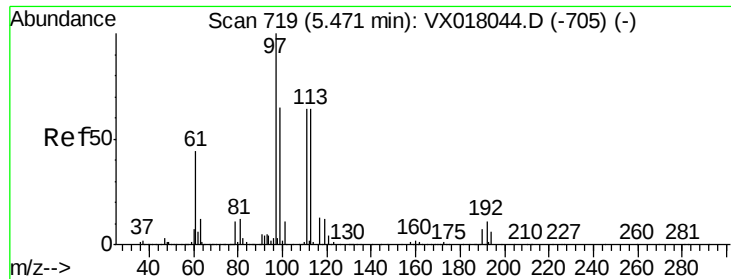
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.271 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

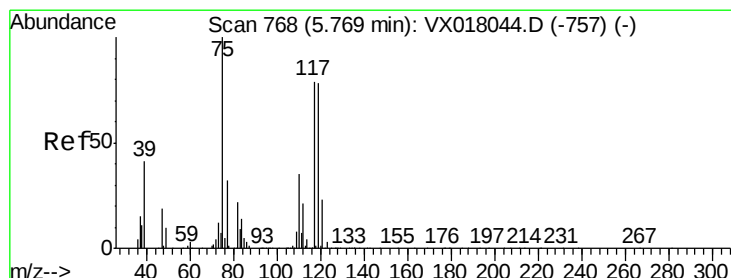
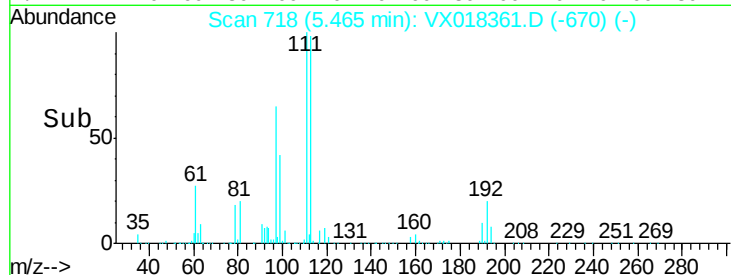
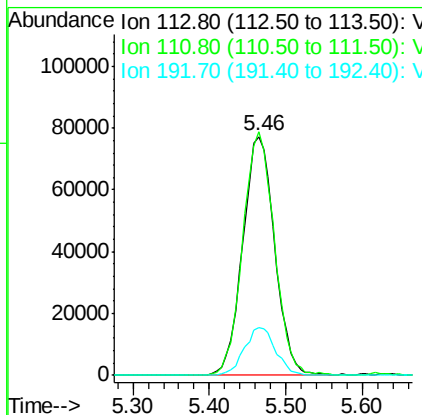
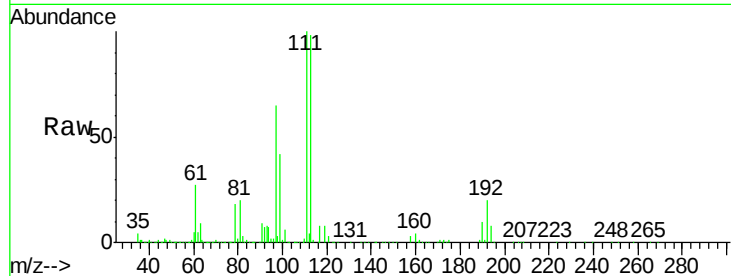
ClientSampleId :

VX0911WBS02

Tot Ion:	113	Resp:	224994
Ion Ratio	Lower	Upper	
113	100		
111	100.0	81.6	122.4
192	19.7	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.378 ug/l

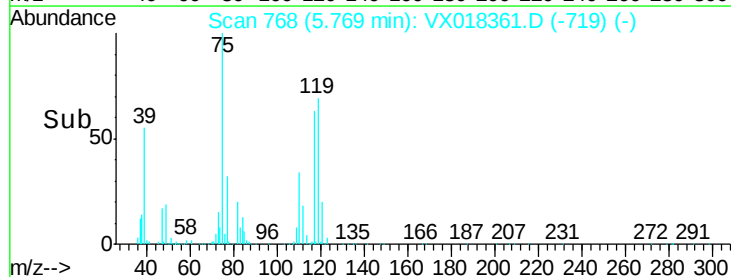
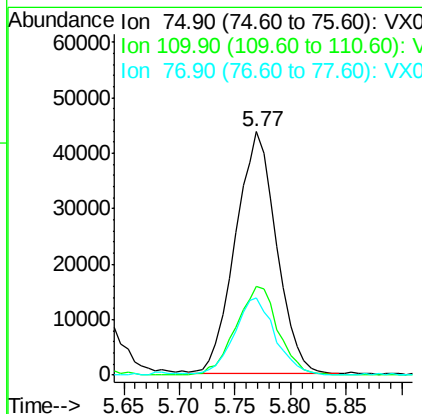
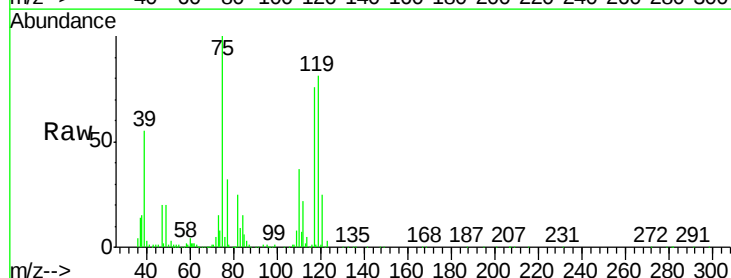
RT: 5.77 min Scan# 768

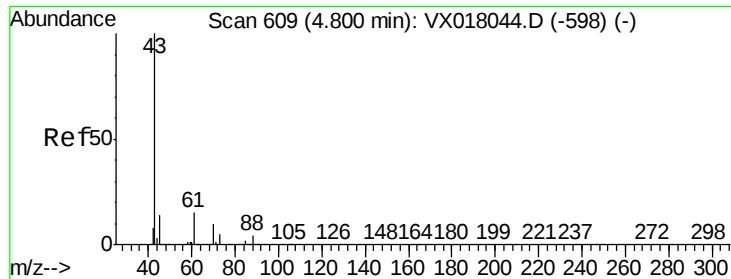
Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	75	Resp:	111392
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.0	54.0
77	32.3	24.4	36.6





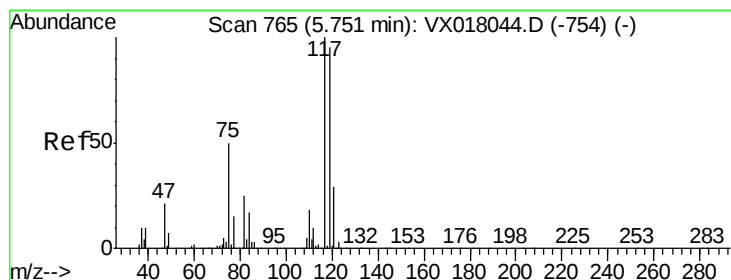
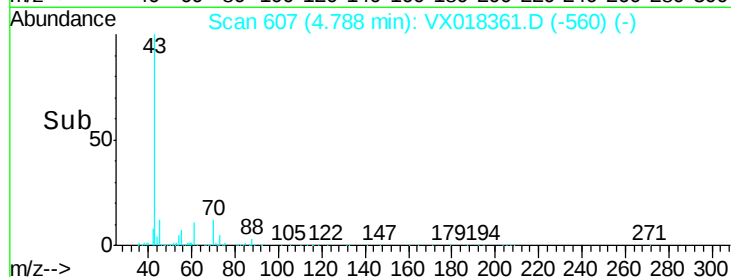
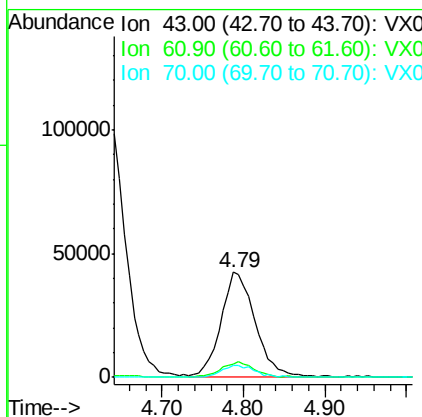
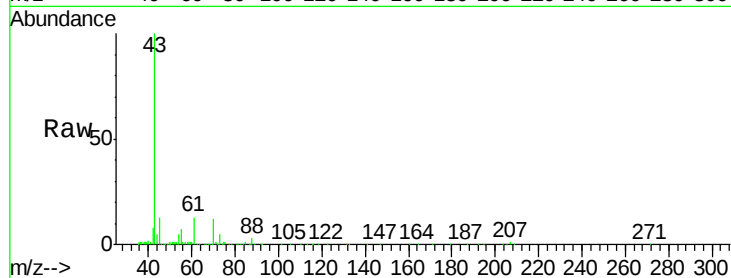
#37
Ethyl Acetate
Concen: 17.216 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion:	43	Resp:	121195
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.3	16.9
70	11.9	8.2	12.4

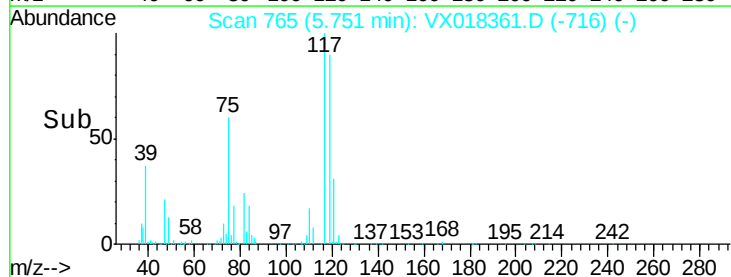
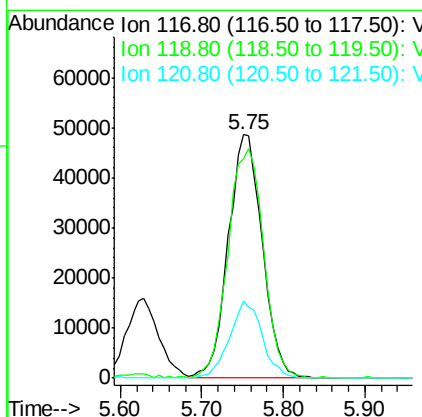
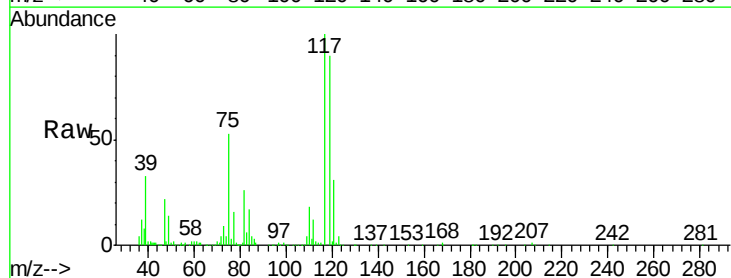
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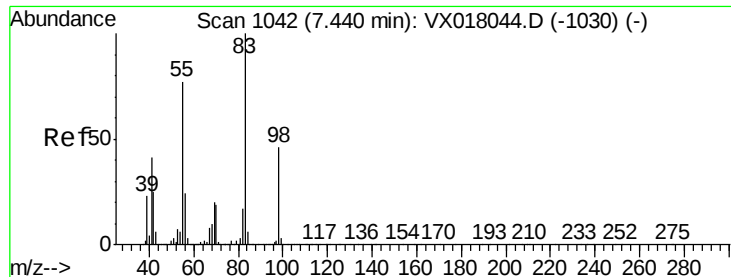
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#38
Carbon Tetrachloride
Concen: 20.554 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion:	117	Resp:	140402
Ion Ratio	Lower	Upper	
117	100		
119	90.1	75.8	113.6
121	31.5	23.4	35.0





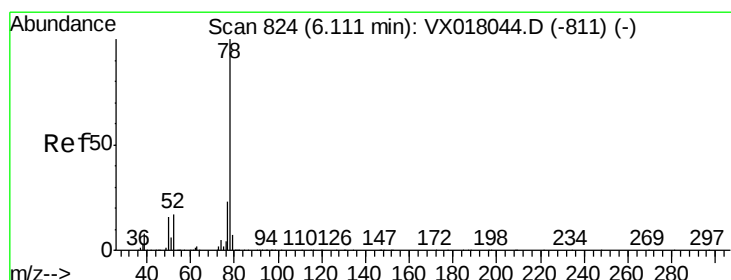
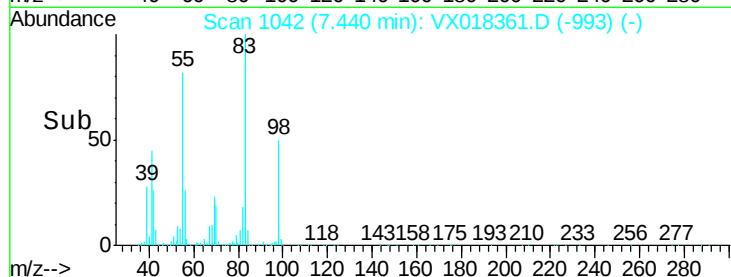
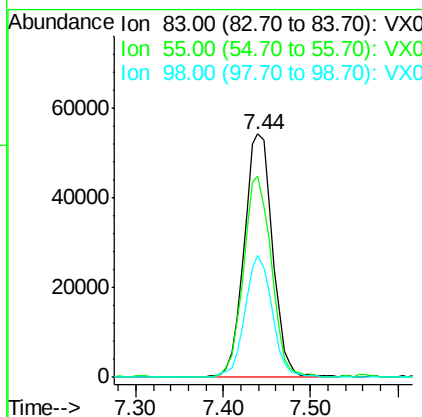
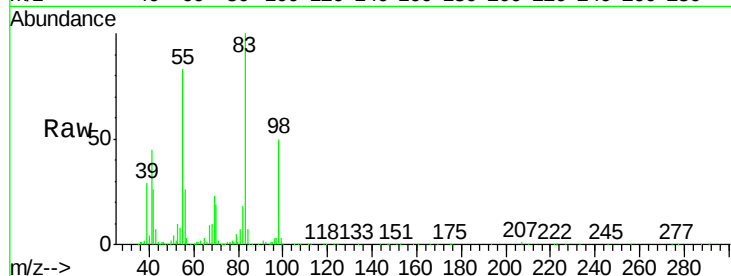
#39
Methvlcvclohexane
Concen: 18.477 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion:	83	Resp:	122460
Ion Ratio	Lower	Upper	
83	100		
55	82.3	61.8	92.6
98	50.0	36.6	55.0

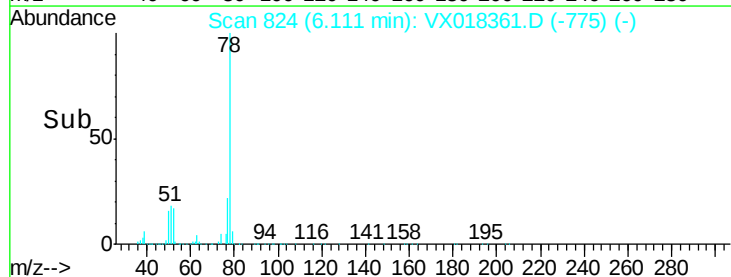
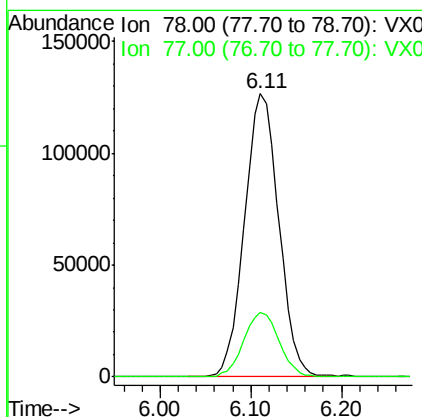
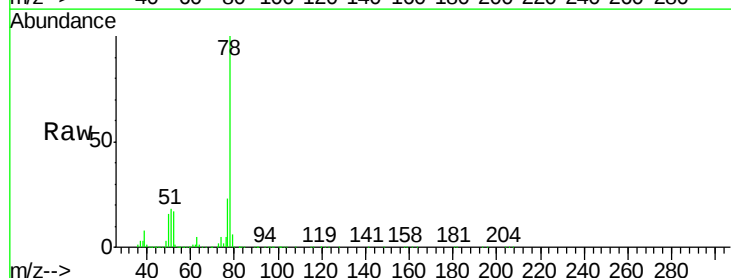
Manual Integrations
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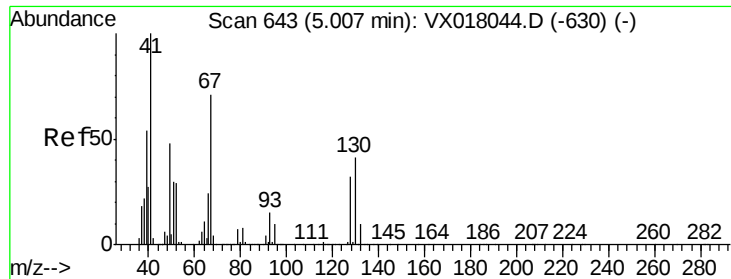
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#40
Benzene
Concen: 18.625 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion:	78	Resp:	331719
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.2	27.2





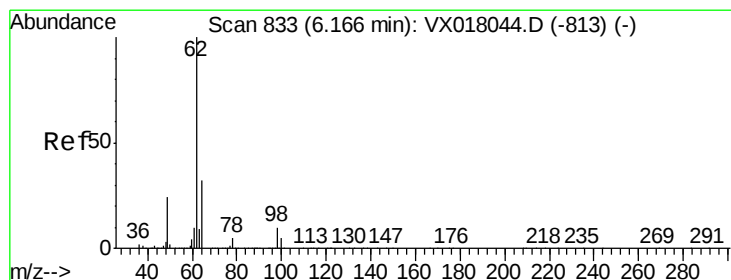
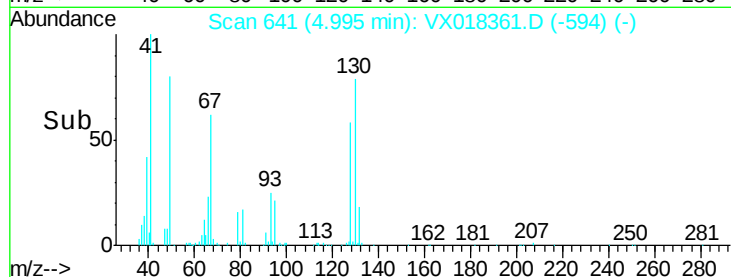
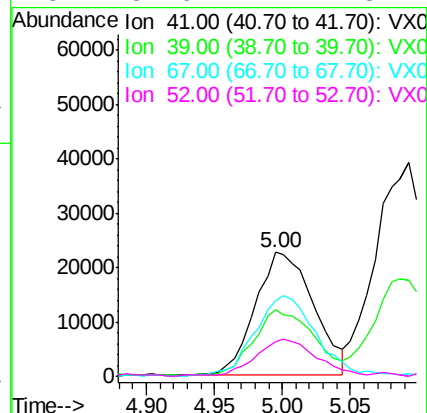
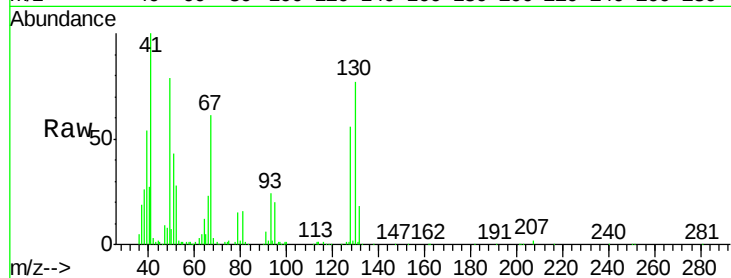
#41
Methacrylonitrile
Concen: 17.378 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	43.1	64.7	
67	68.9	56.0	84.0	
52	31.6	22.7	34.1	

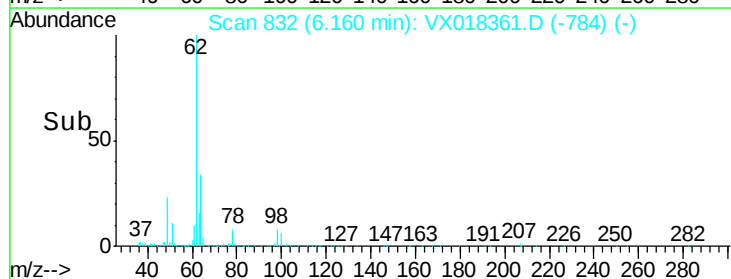
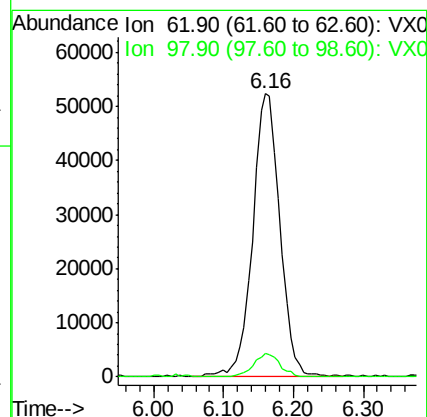
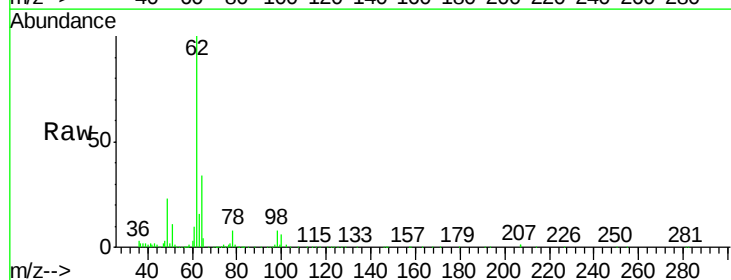
Manual Integrations
APPROVED

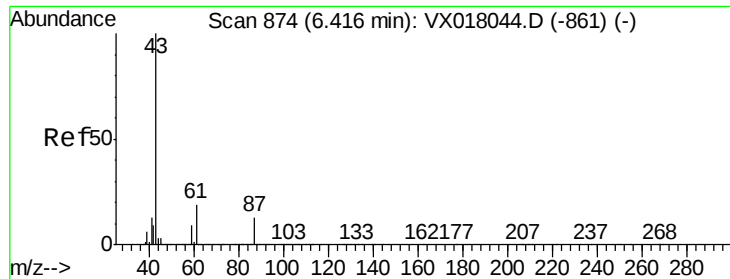
MMDadoda
9/14/2020 12:09:56 PM



#42
1,2-Dichloroethane
Concen: 20.582 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	18.2	





#43

Isopropyl Acetate

Concen: 17.769 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

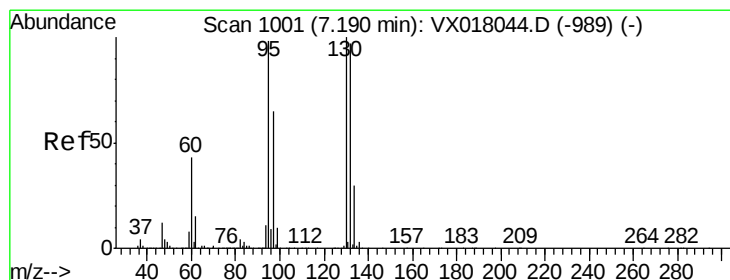
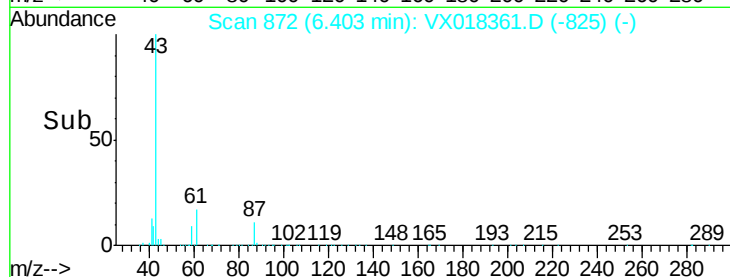
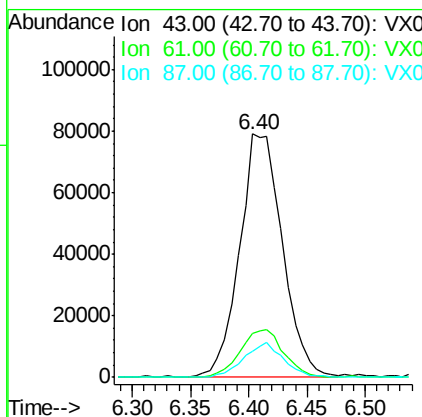
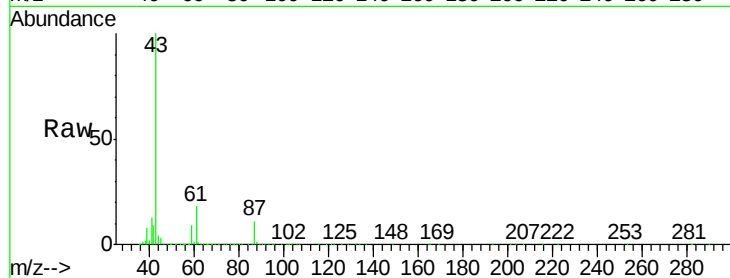
ClientSampleId :

VX0911WBS02

Tot Ion:	43	Resp:	202046
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.3	10.3	15.5

Manual Integrations
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#44

Trichloroethene

Concen: 19.289 ug/l

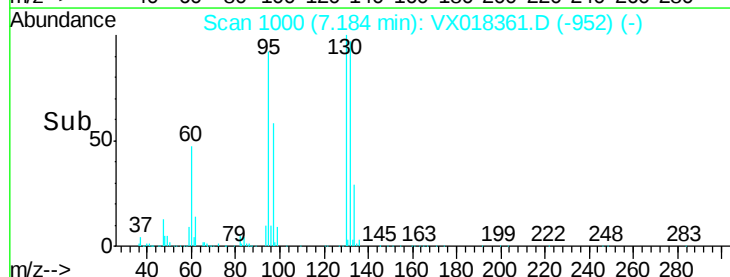
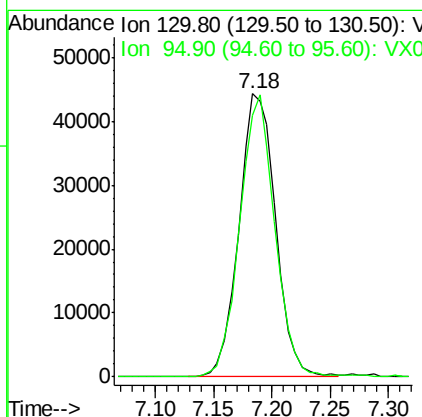
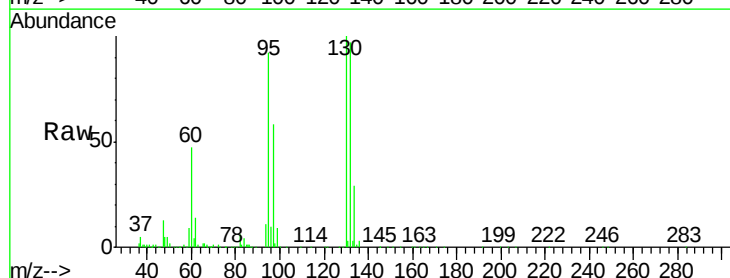
RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	130	Resp:	97074
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	196.4





#45

1,2-Dichloropropane

Concen: 18.394 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 63 Resp: 88295

Ion Ratio Lower Upper

63 100

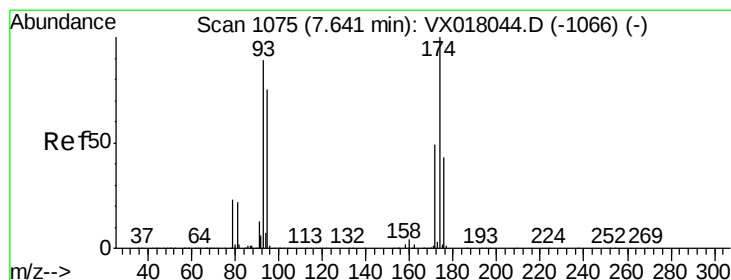
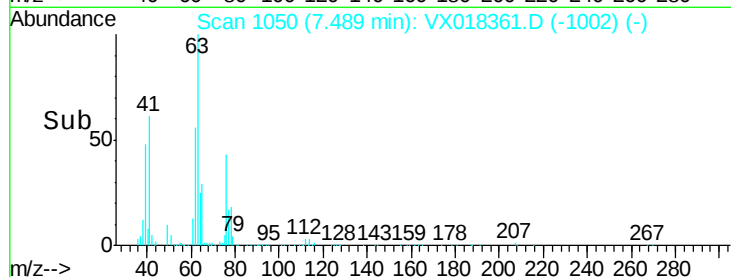
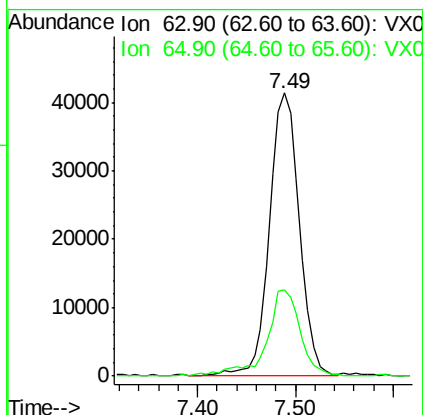
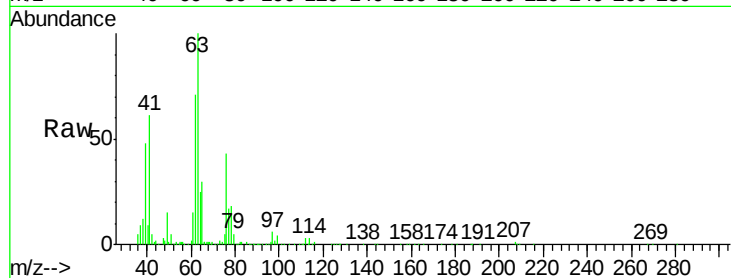
65 30.3 25.7 38.5

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#46

Dibromomethane

Concen: 19.131 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

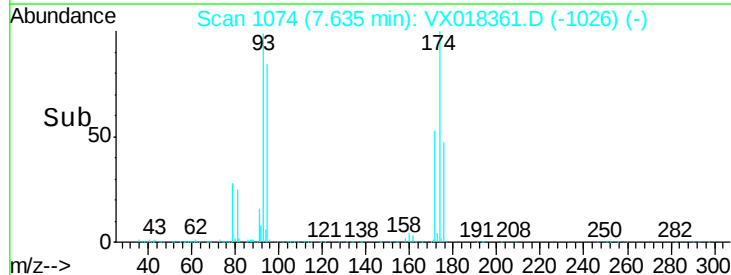
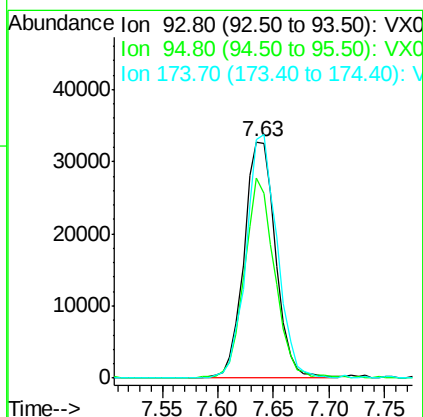
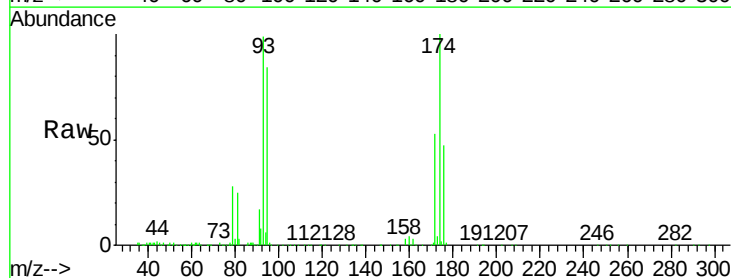
Tgt Ion: 93 Resp: 64577

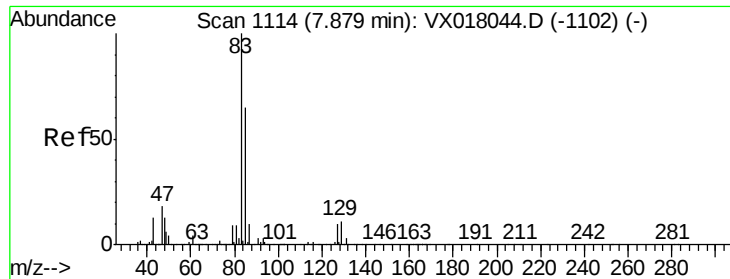
Ion Ratio Lower Upper

93 100

95 81.1 67.3 100.9

174 100.5 82.2 123.2





#47

Bromodichloromethane

Concen: 19.948 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

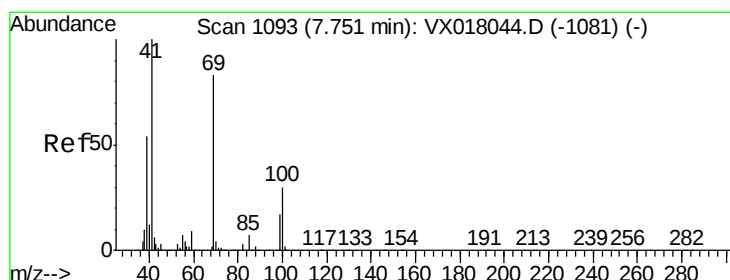
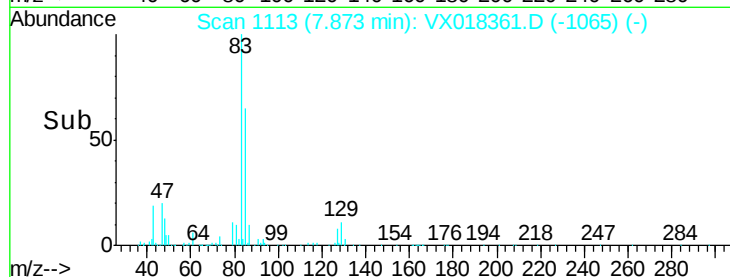
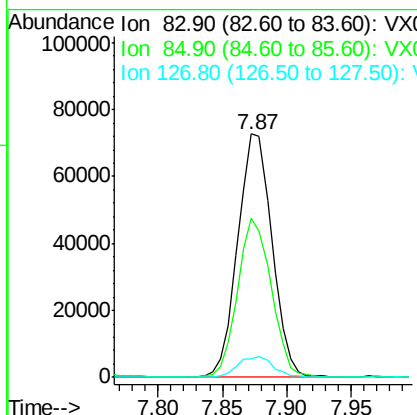
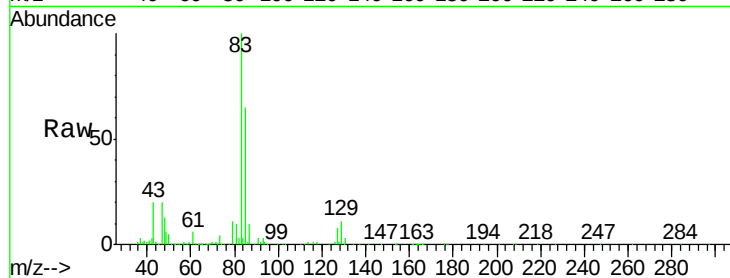
ClientSampleId :

VX0911WBS02

Tot Ion:	83	Resp:	134447
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.8	77.6
127	7.6	7.7	11.5#

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.237 ug/l

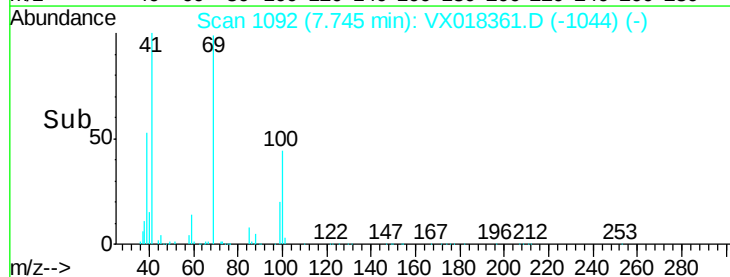
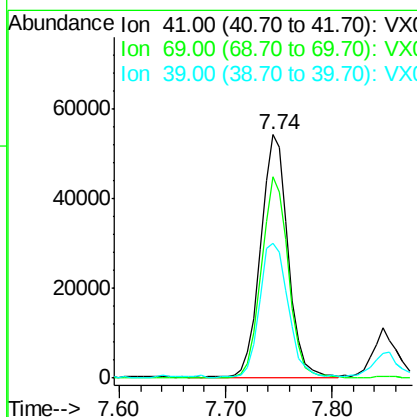
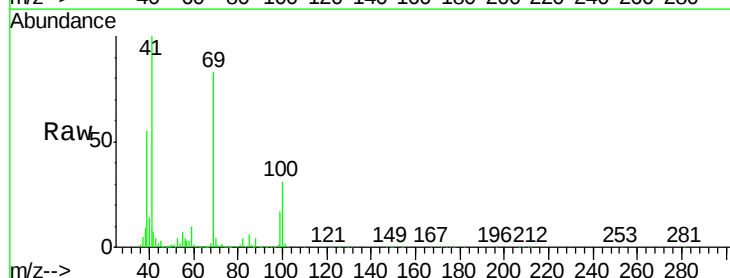
RT: 7.74 min Scan# 1092

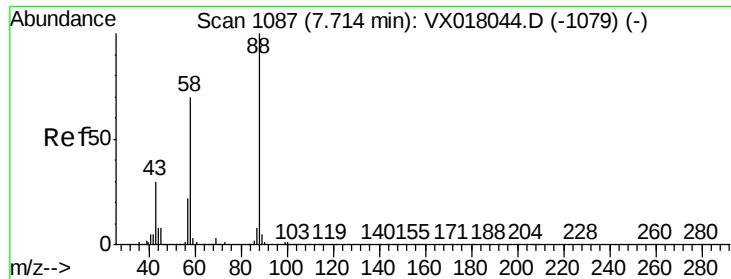
Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	41	Resp:	97567
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.5	98.3
39	57.9	44.5	66.7





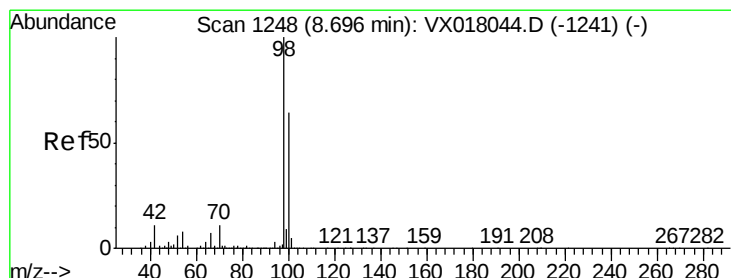
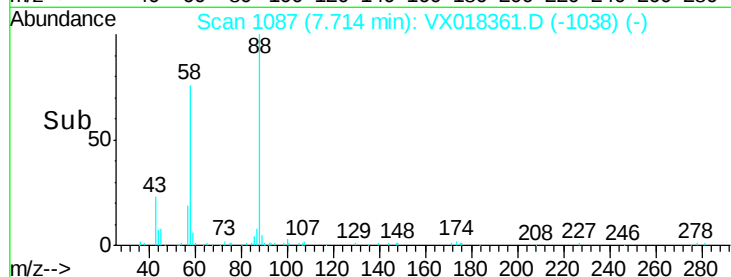
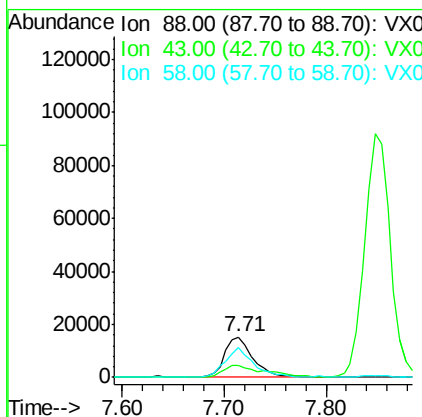
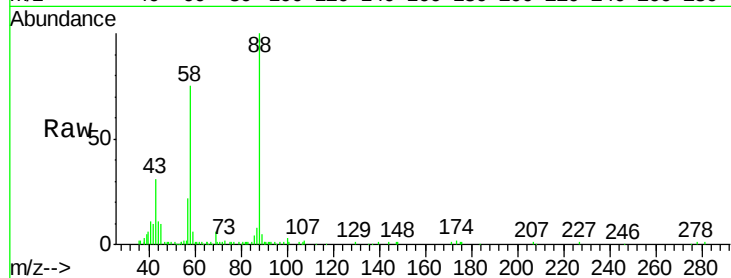
#49
1,4-Dioxane
Concen: 293.145 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.5	27.4	41.0#
58	73.6	56.4	84.6

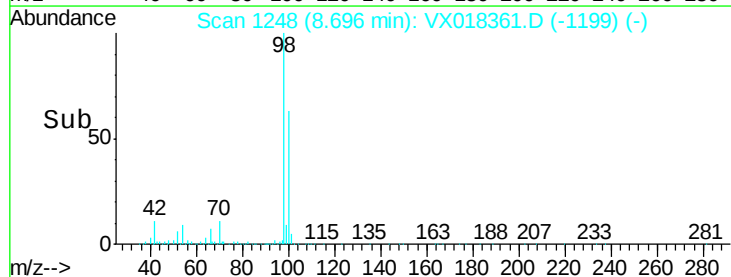
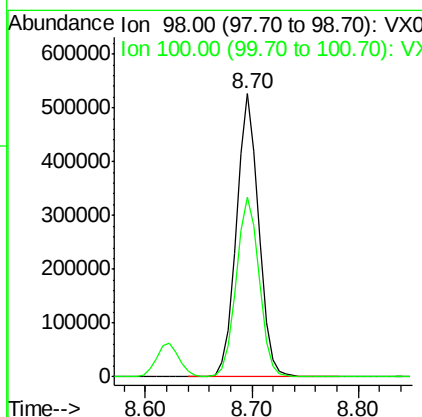
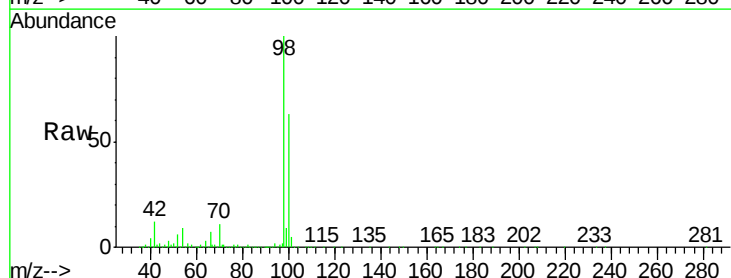
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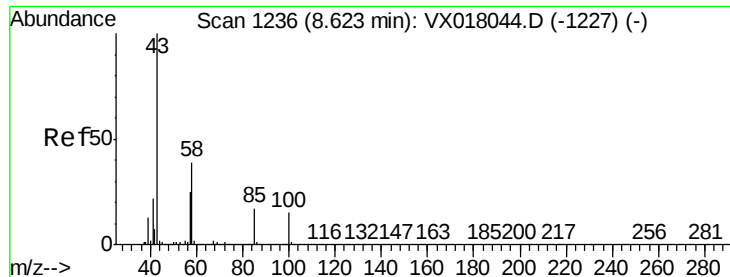
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#50
Toluene-d8
Concen: 46.346 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4





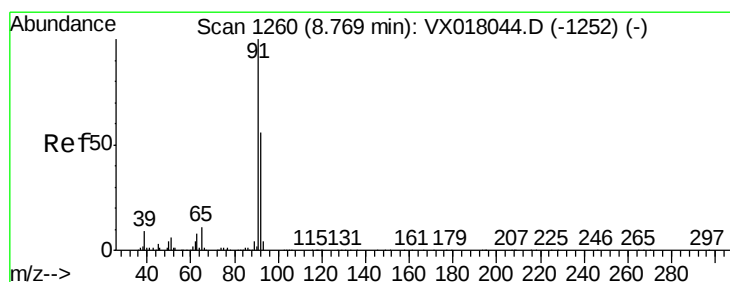
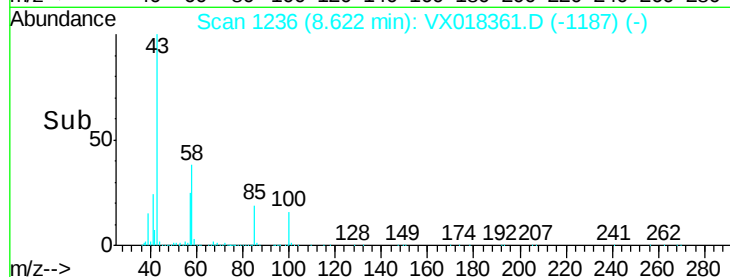
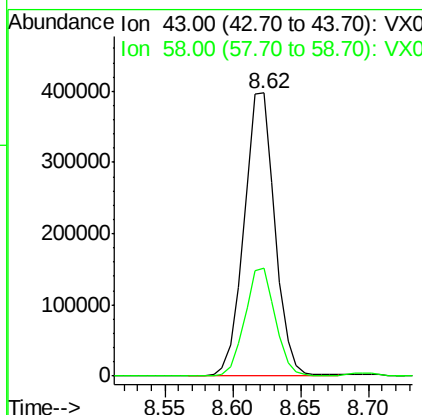
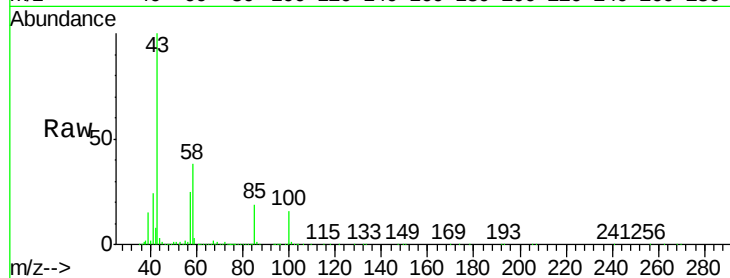
#51
4-Methyl-2-Pentanone
Concen: 89.711 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.7	46.1

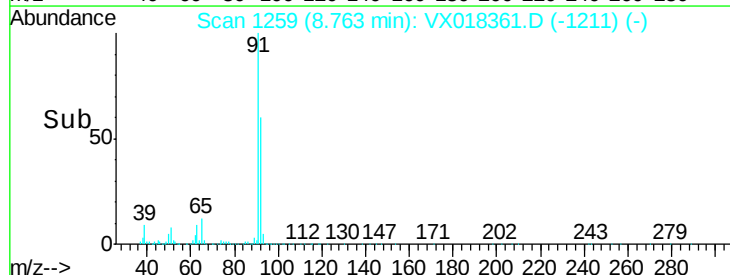
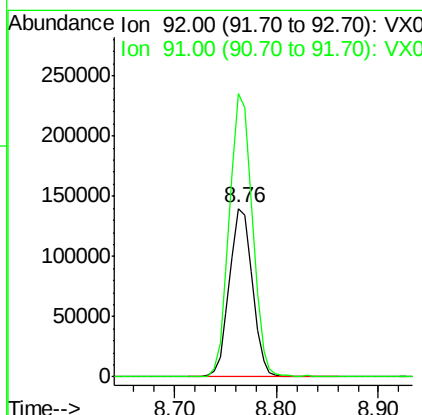
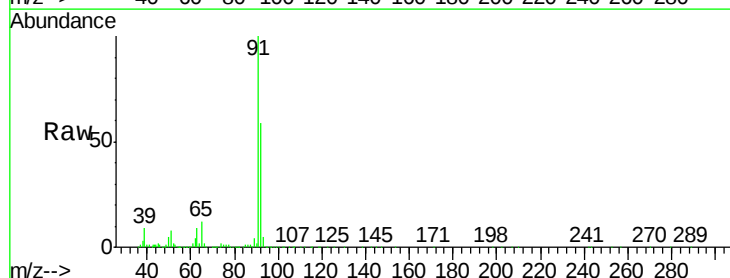
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#52
Toluene
Concen: 19.306 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.6	140.3	210.5





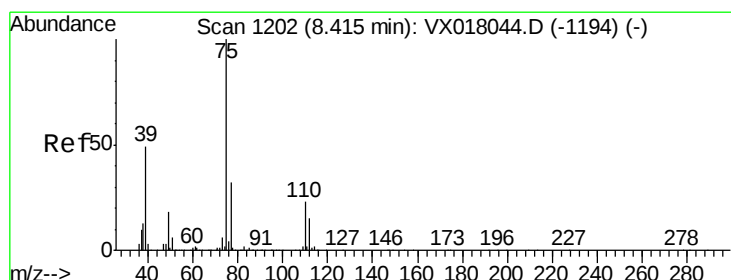
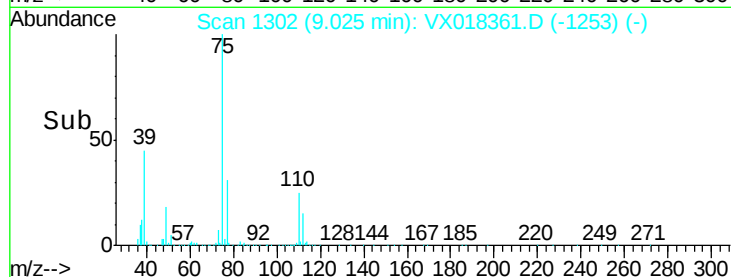
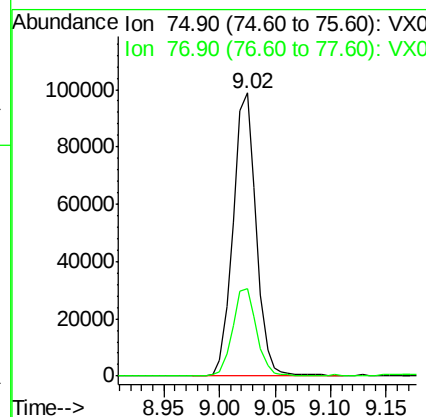
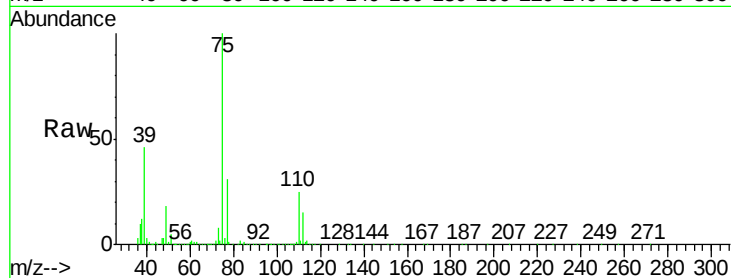
#53
t-1,3-Dichloropropene
Concen: 18.909 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion: 75 Resp: 141252
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8

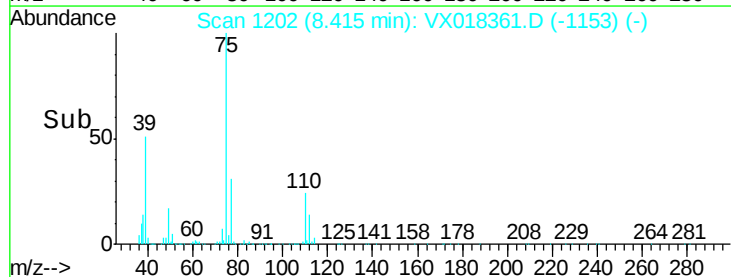
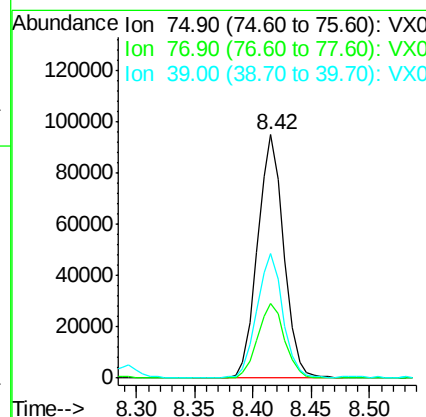
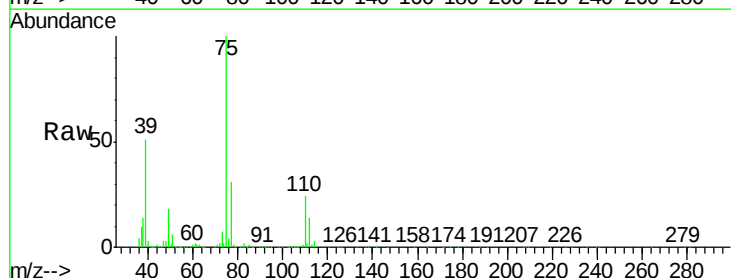
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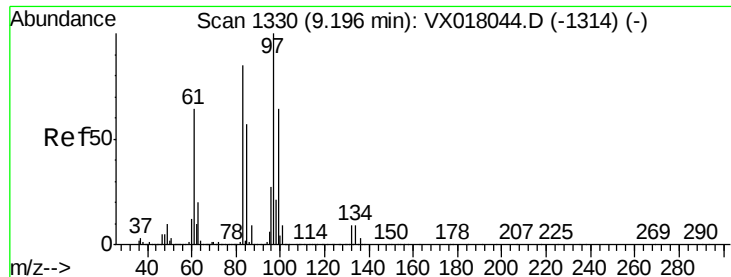
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#54
cis-1,3-Dichloropropene
Concen: 18.821 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion: 75 Resp: 148935
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8
39 50.7 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.319 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

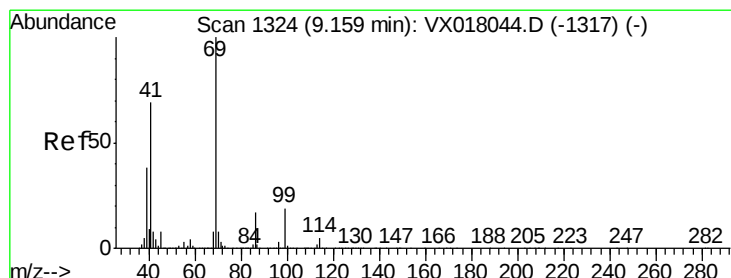
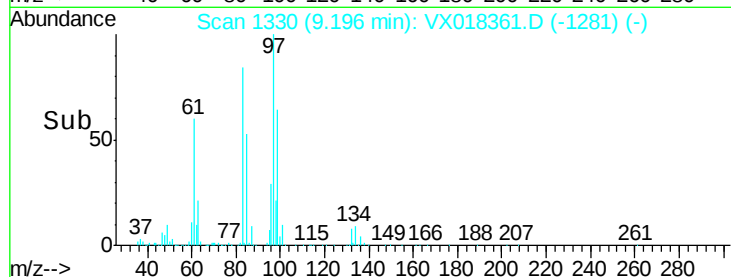
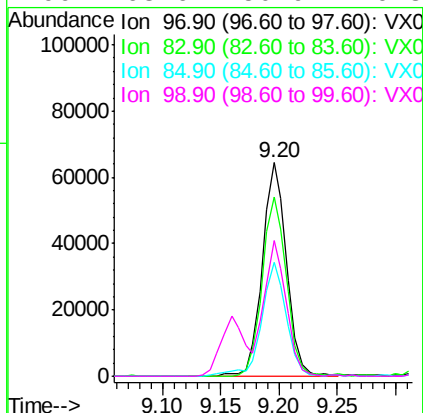
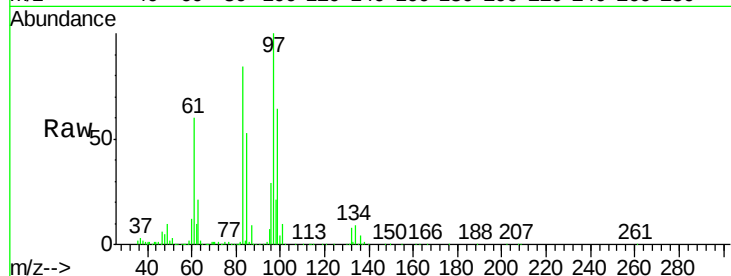
ClientSampleId :

VX0911WBS02

Tot Ion:	97	Resp:	93054
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	52.9	45.3	67.9
99	63.6	50.9	76.3

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#56

Ethyl methacrylate

Concen: 17.965 ug/l

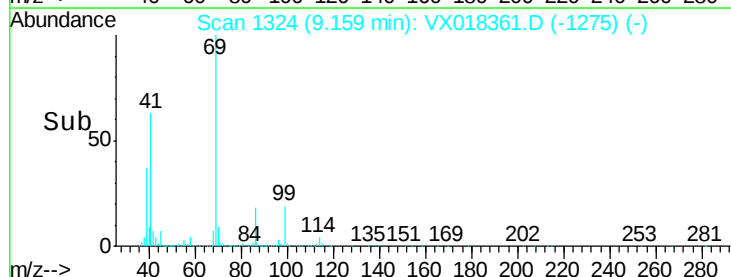
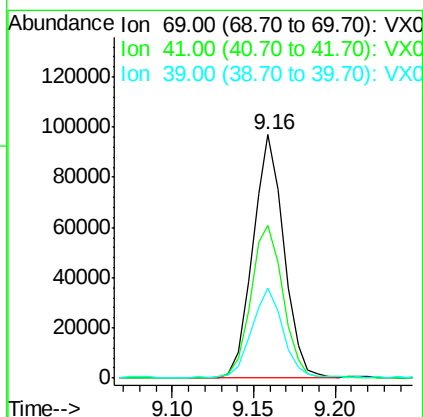
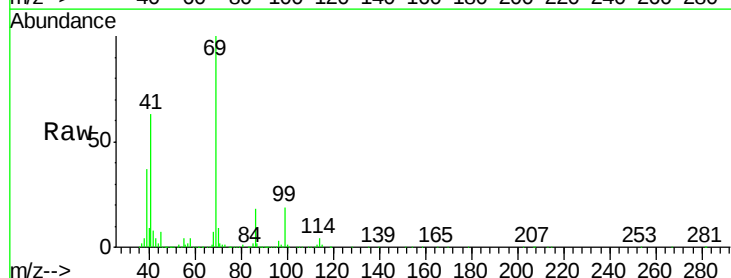
RT: 9.16 min Scan# 1324

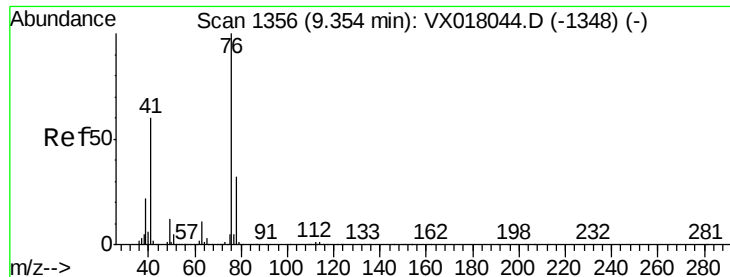
Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	69	Resp:	128634
Ion	Ratio	Lower	Upper
69	100		
41	65.5	54.6	81.8
39	37.0	29.1	43.7





#57

1,3-Dichloropropane

Concen: 18.478 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 76 Resp: 146797

Ion Ratio Lower Upper

76 100

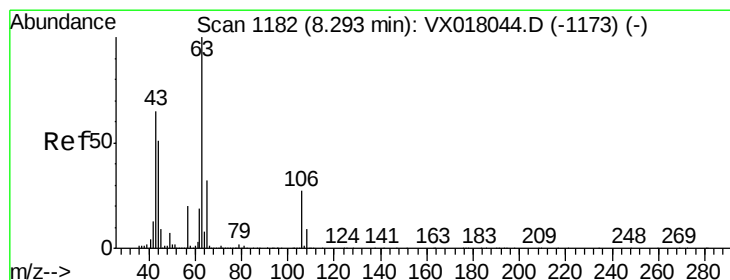
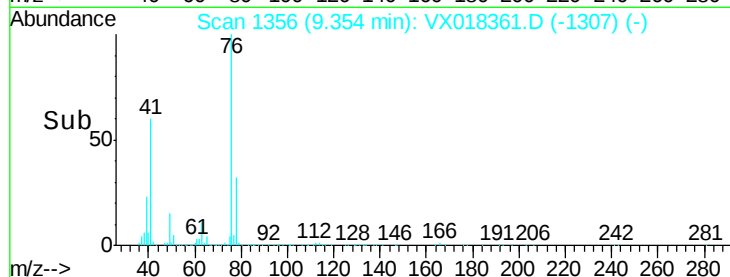
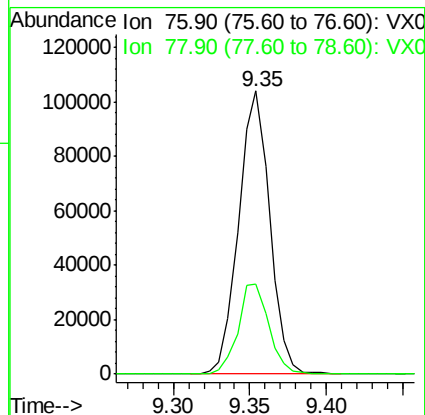
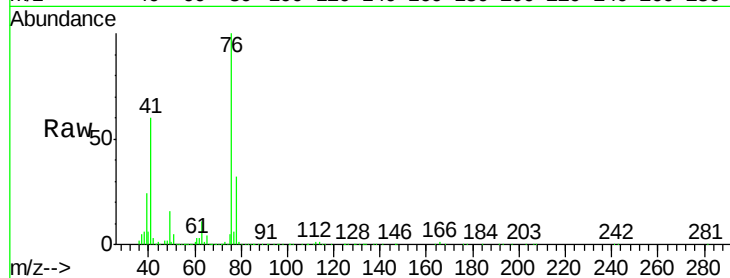
78 31.6 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 94.157 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018361.D

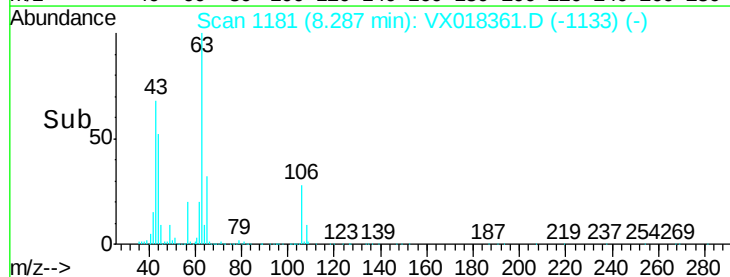
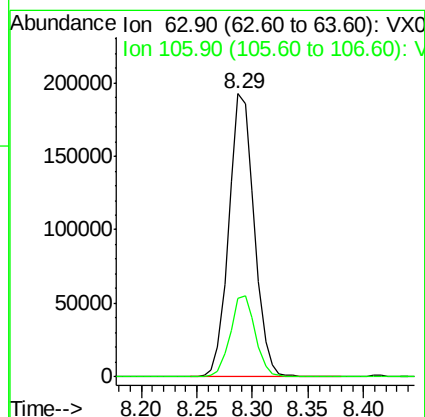
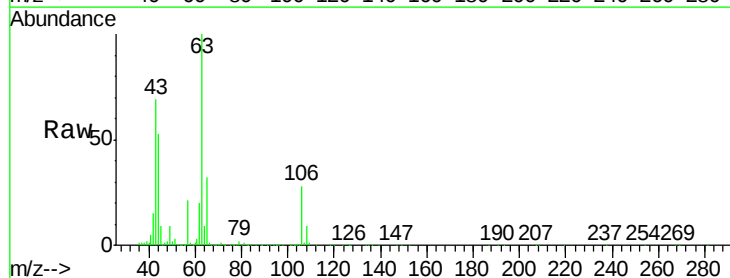
Acq: 11 Sep 2020 14:59

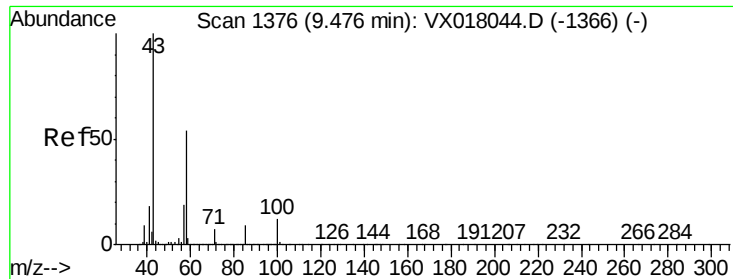
Tgt Ion: 63 Resp: 303287

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





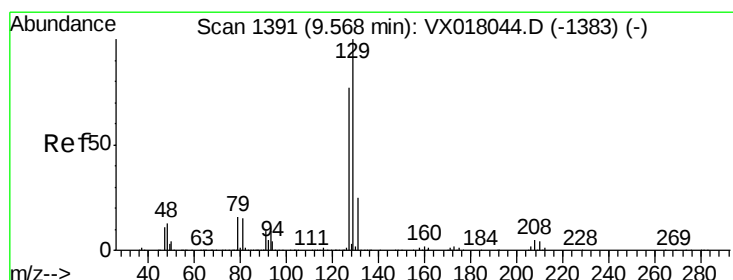
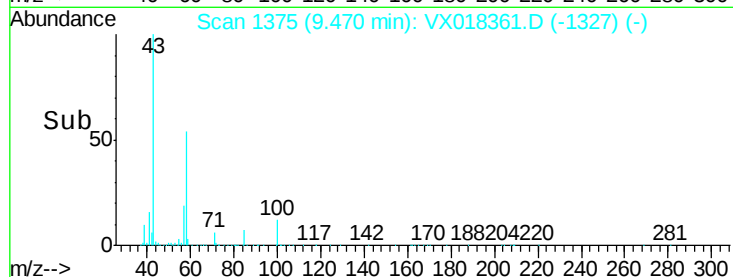
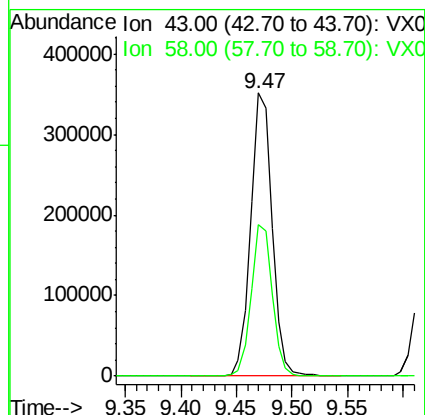
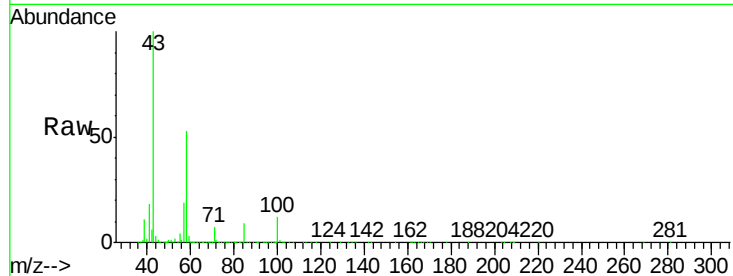
#59
2-Hexanone
Concen: 88.366 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion: 43 Resp: 471938
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.7

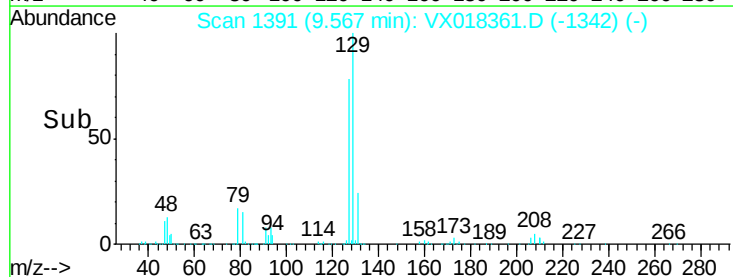
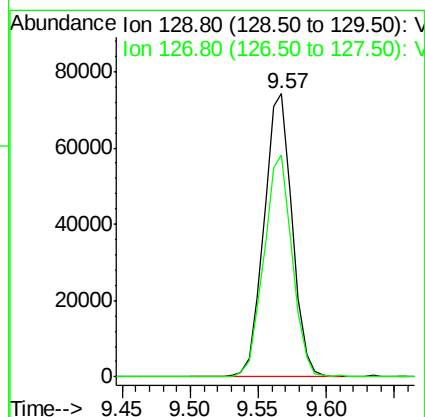
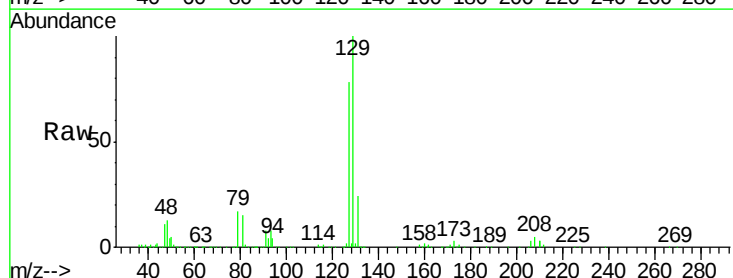
Manual Integrations
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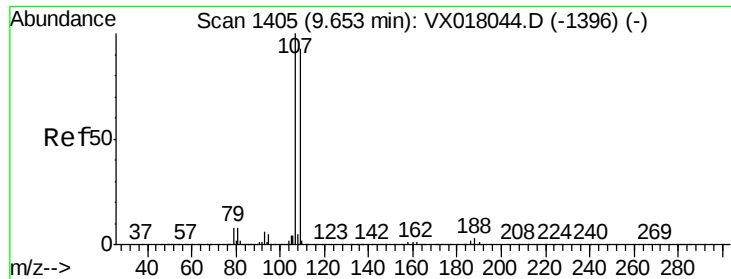
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#60
Dibromochloromethane
Concen: 19.101 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion: 129 Resp: 107926
Ion Ratio Lower Upper
129 100
127 79.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.775 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 107 Resp: 98181

Ion Ratio Lower Upper

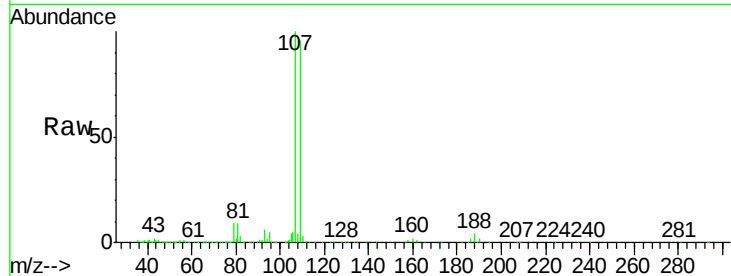
107 100

109 92.8 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

60000

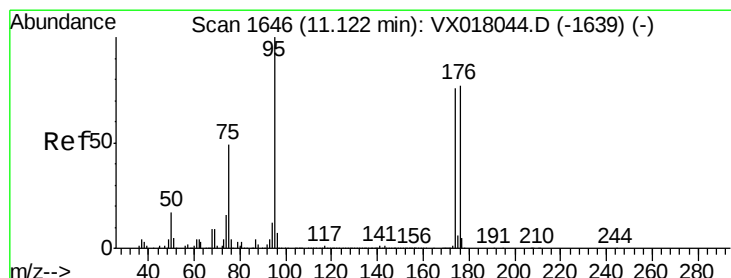
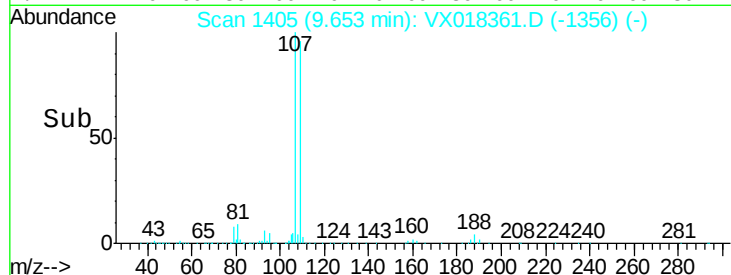
40000

20000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.322 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

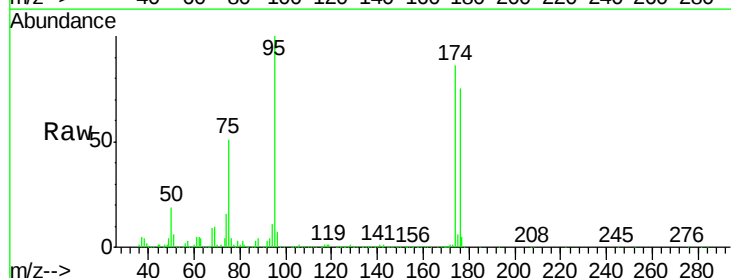
Tgt Ion: 95 Resp: 303804

Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

176 76.6 0.0 155.8



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

11.12

300000

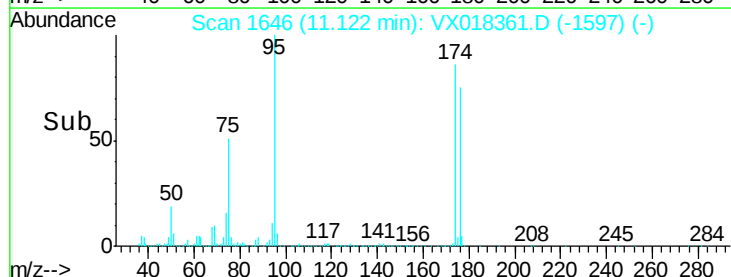
200000

100000

0

11.10 11.20

Time-->





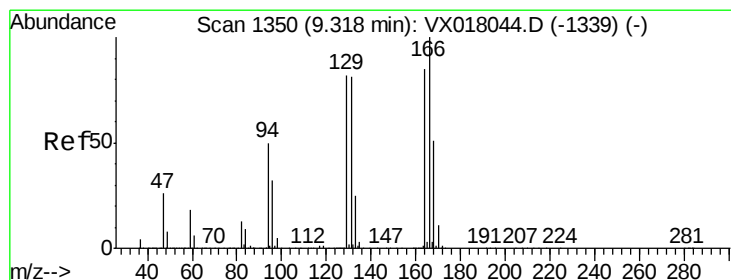
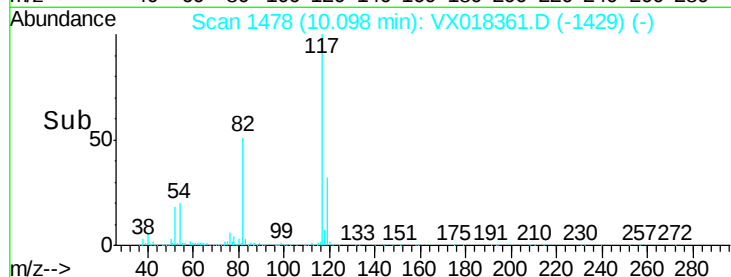
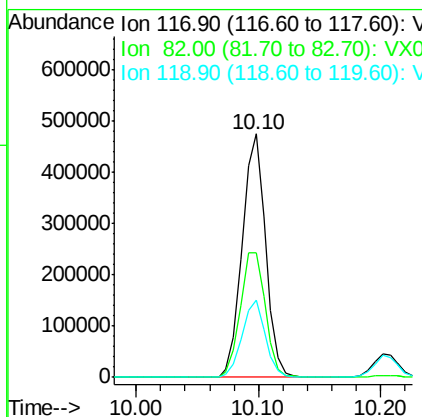
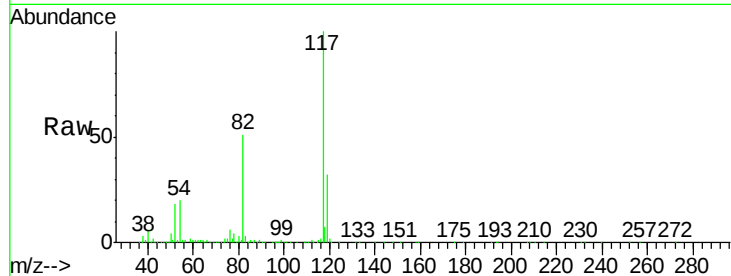
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	44.2	66.2
119	31.8	25.7	38.5

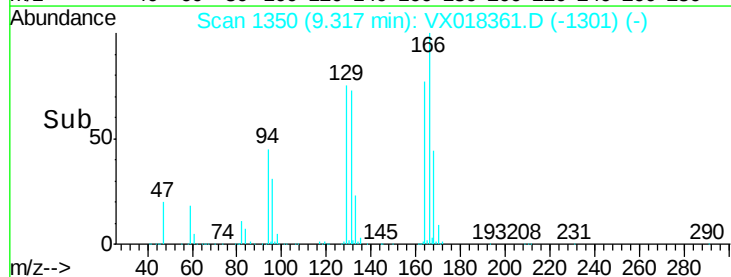
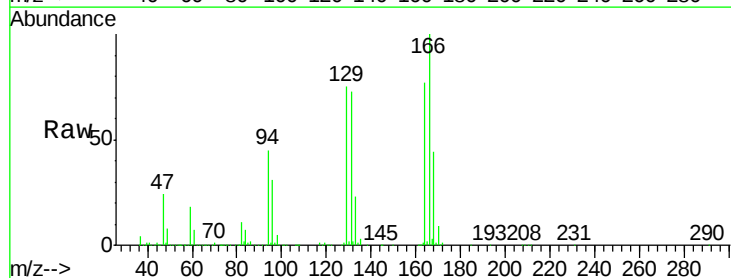
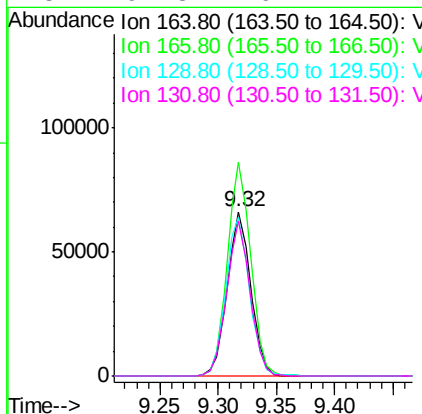
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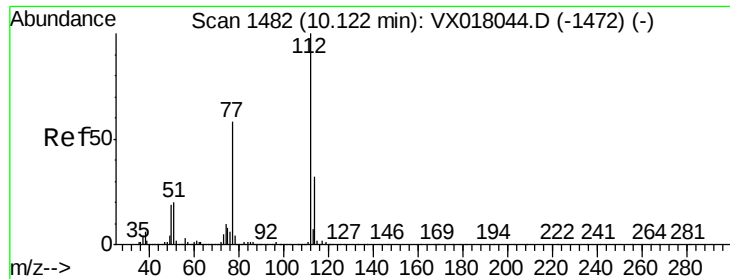
MMDadoda
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#64
Tetrachloroethene
Concen: 20.111 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	94.2	141.2
129	96.9	76.9	115.3
131	94.3	76.1	114.1





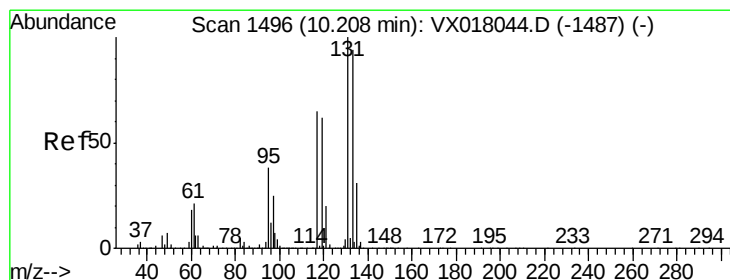
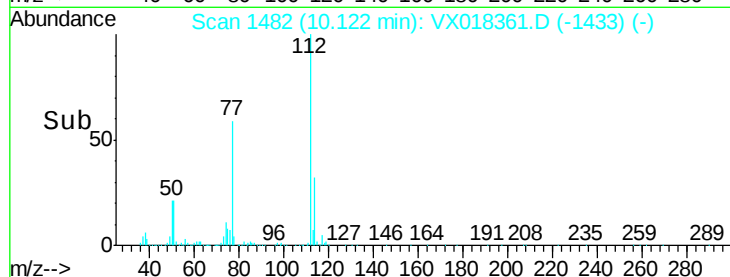
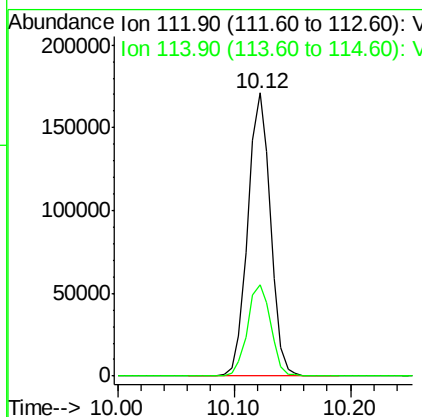
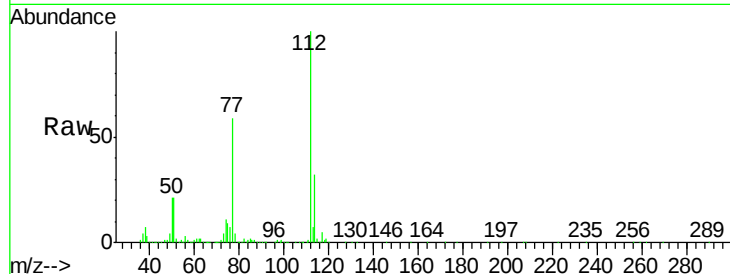
#65
Chlorobenzene
Concen: 18.621 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

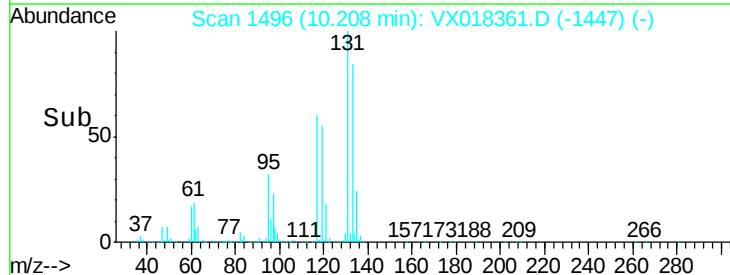
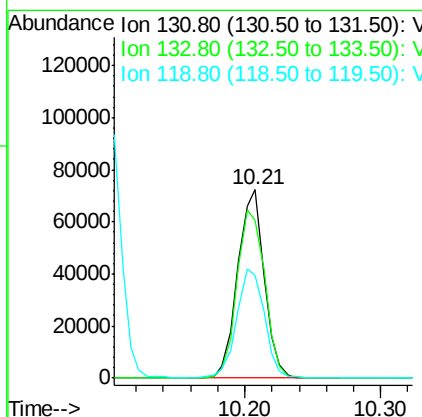
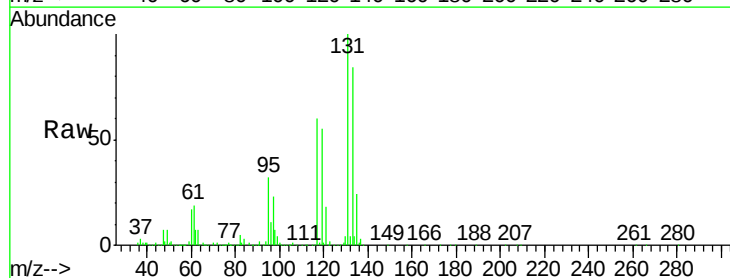
Manual Integrations
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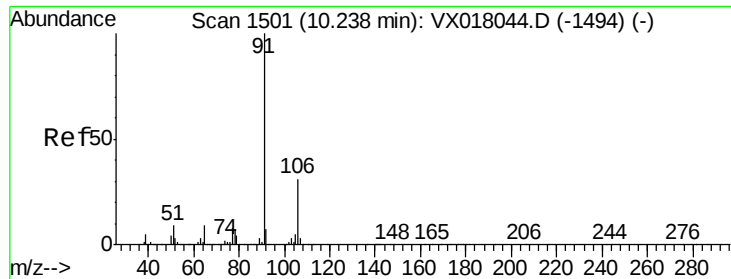
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.923 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	46.7	140.1
119	60.8	31.8	95.4





#67

Ethyl Benzene

Concen: 19.064 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampled :

VX0911WBS02

Tot Ion: 91 Resp: 406000

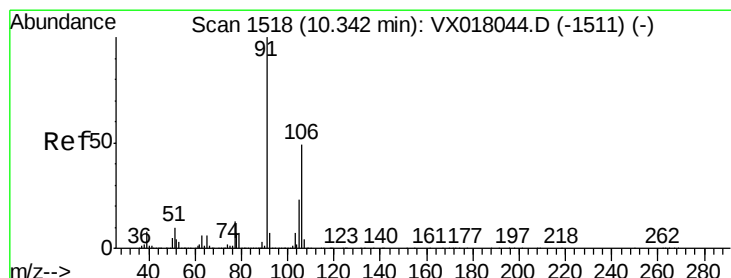
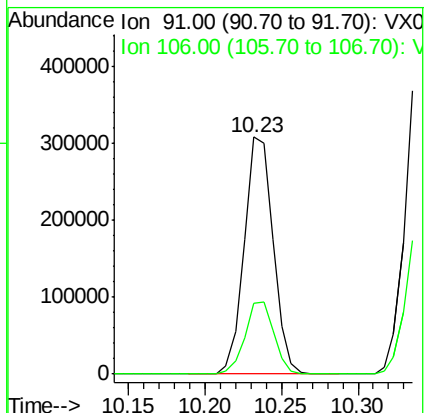
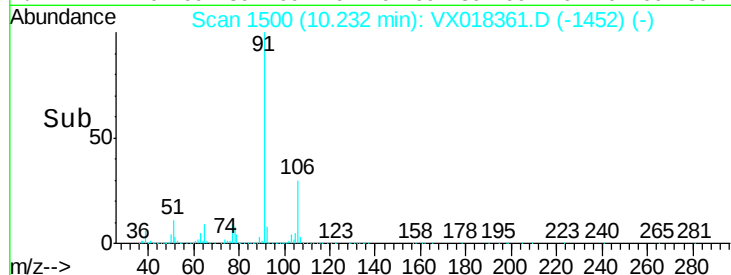
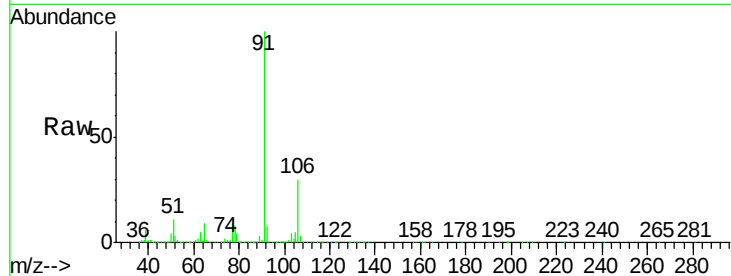
Ion Ratio Lower Upper

91 100

106 29.8 24.9 37.3

Manual Integrations
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9/14/2020 12:09:56 PM



#68

m/p-Xylenes

Concen: 38.748 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018361.D

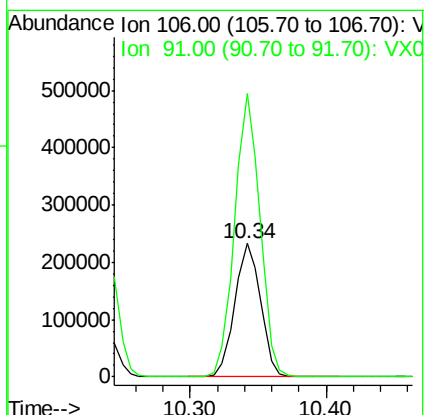
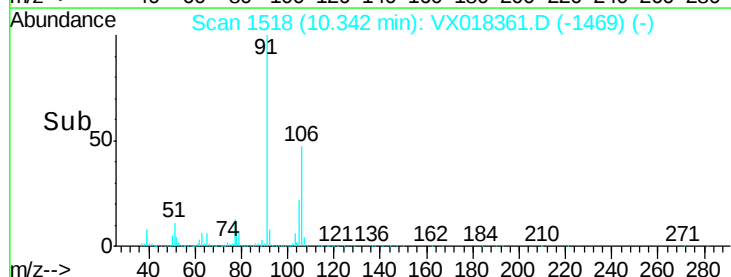
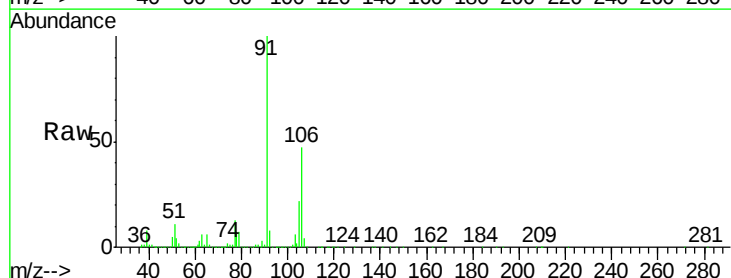
Acq: 11 Sep 2020 14:59

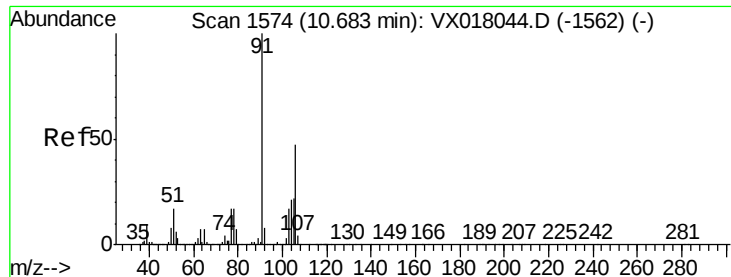
Tgt Ion: 106 Resp: 308000

Ion Ratio Lower Upper

106 100

91 207.6 162.2 243.2





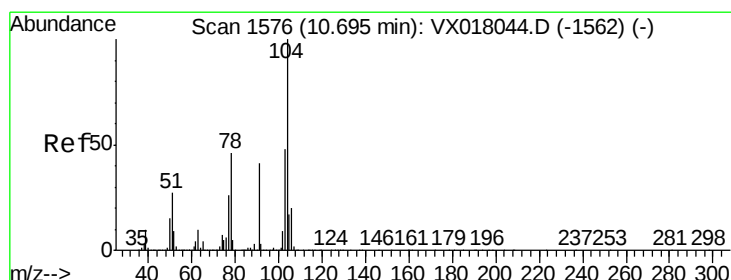
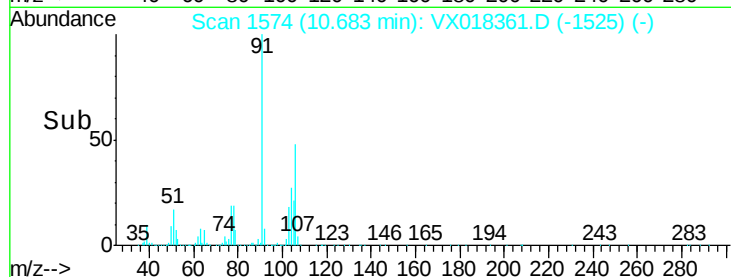
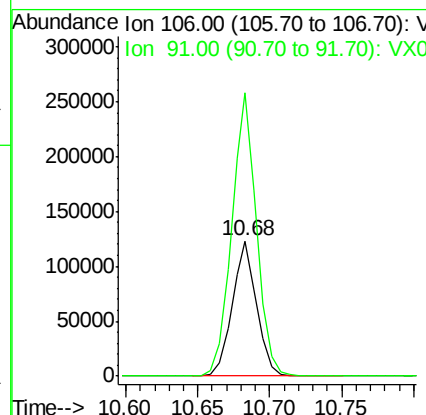
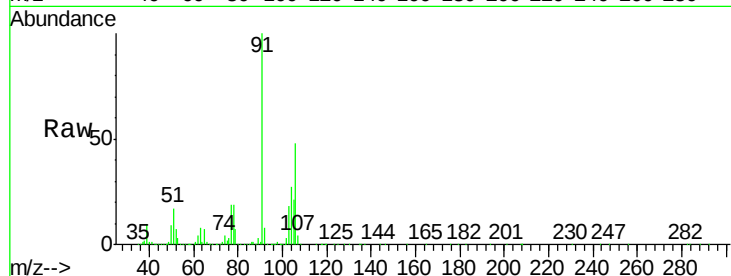
#69
o-Xylene
Concen: 18.918 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.3	107.1	321.3

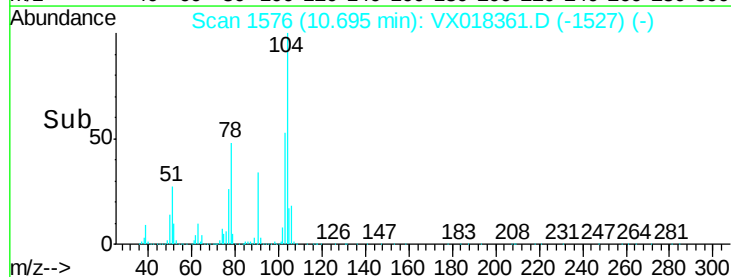
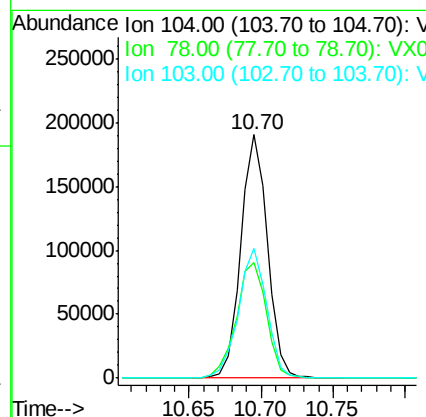
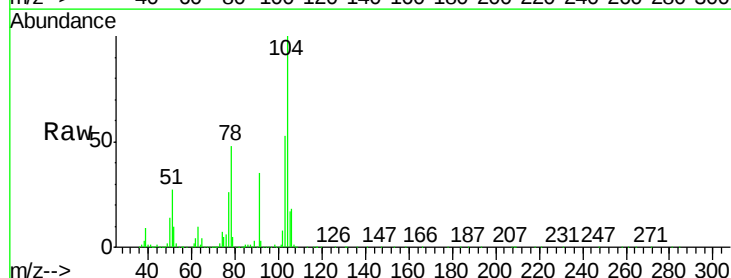
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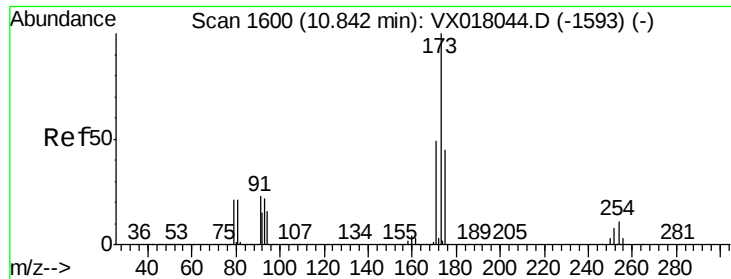
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#70
Styrene
Concen: 18.752 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.4	40.9	61.3
103	56.9	43.6	65.4





#71

Bromoform

Concen: 19.137 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

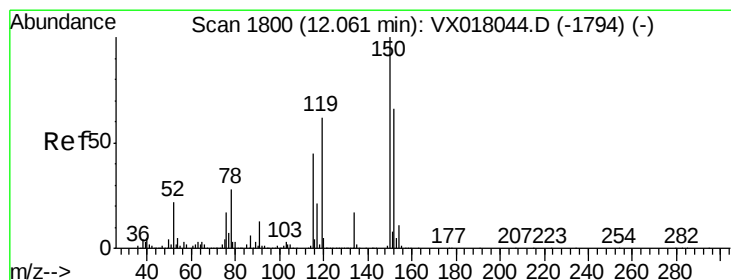
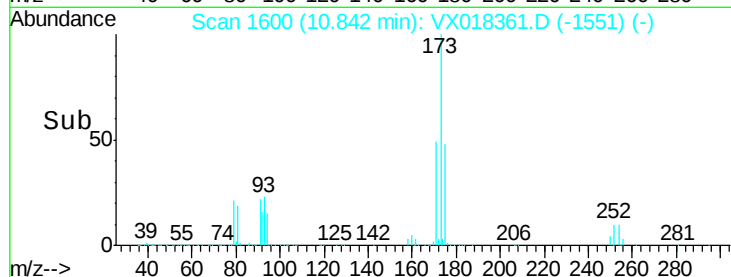
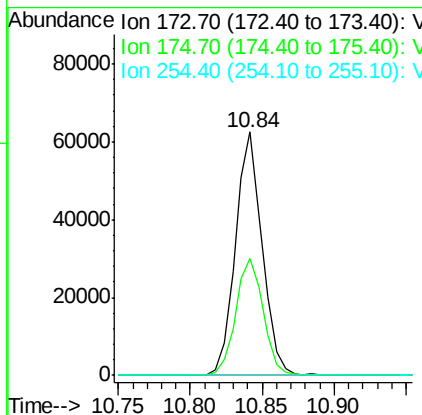
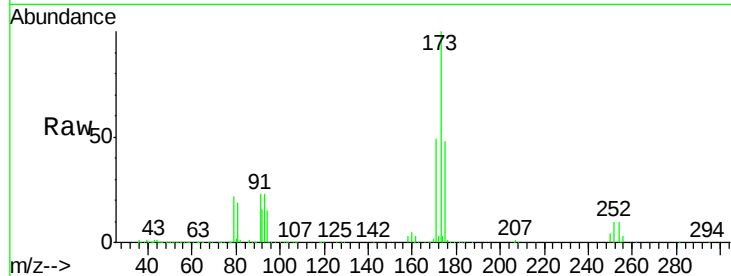
ClientSampleId :

VX0911WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.9	71.8
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

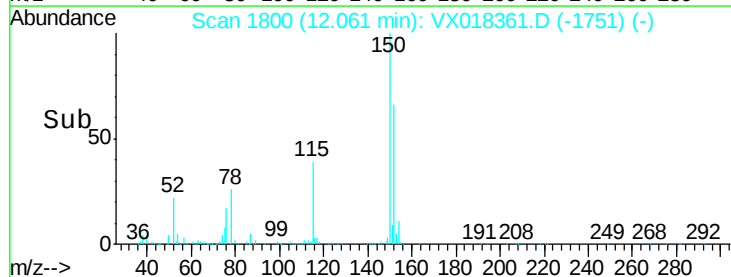
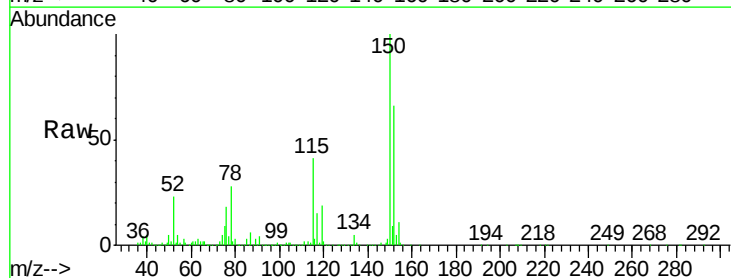
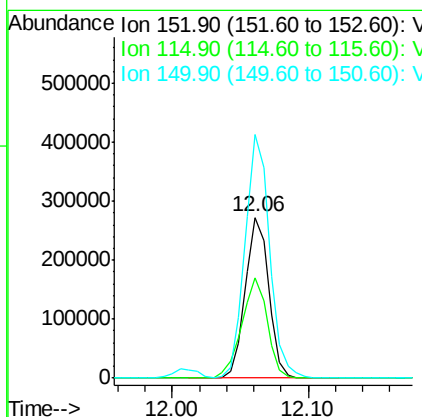
RT: 12.06 min Scan# 1800

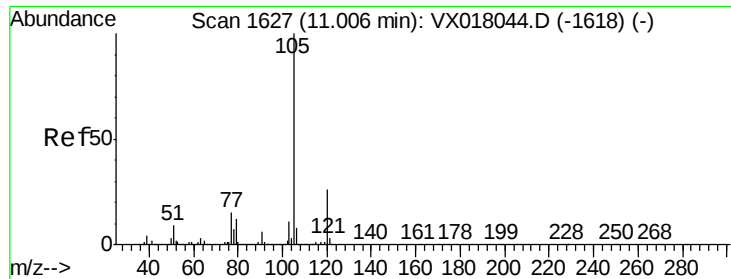
Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.1	41.5	124.5
150	158.9	0.0	343.8





#73

Isopropylbenzene

Concen: 18.302 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 105 Resp: 397758

Ion Ratio Lower Upper

105 100

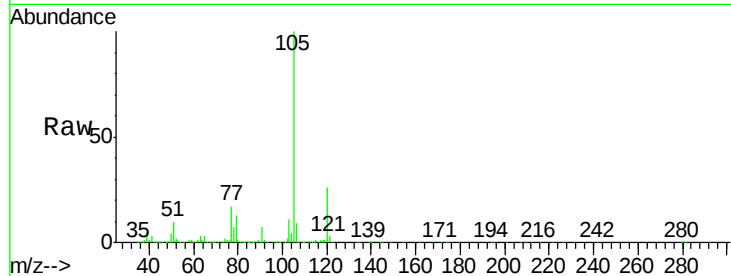
120 26.4 13.2 39.5

Manual Integrations

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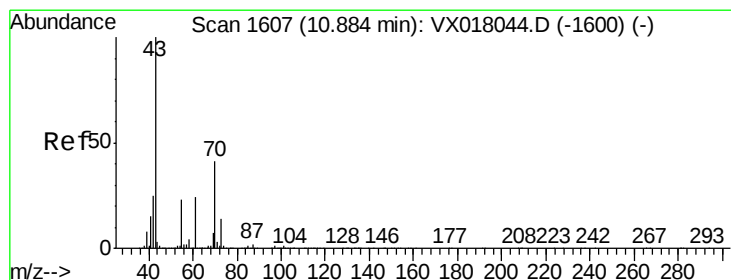
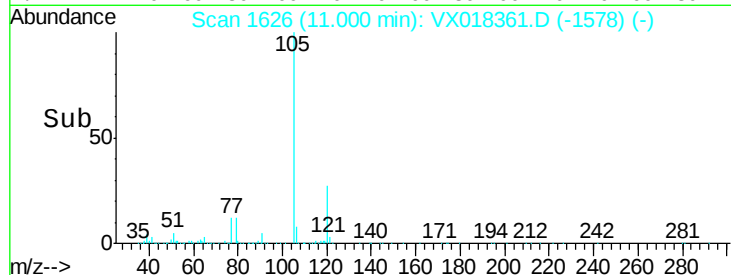
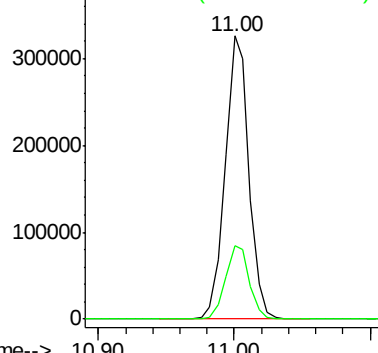
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.566 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion: 43 Resp: 170820

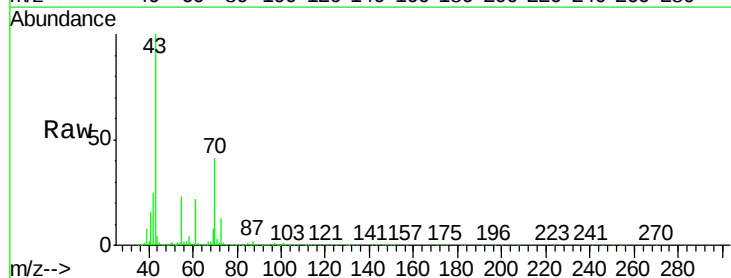
Ion Ratio Lower Upper

43 100

70 39.5 32.3 48.5

55 23.6 18.2 27.2

61 22.3 18.9 28.3

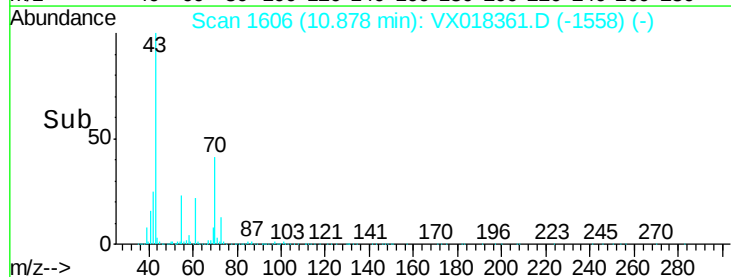
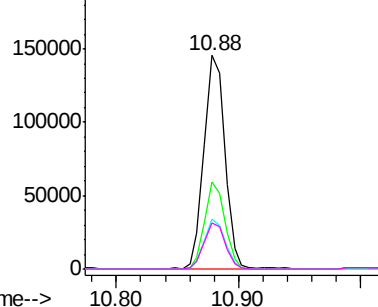


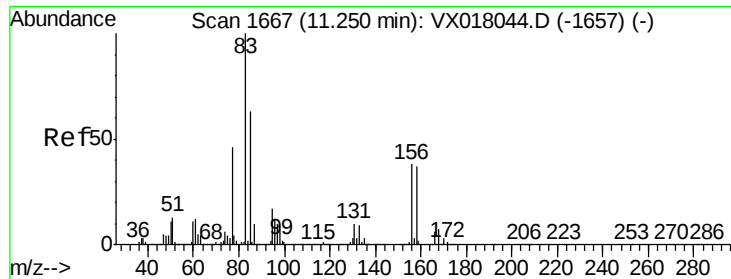
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.607 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

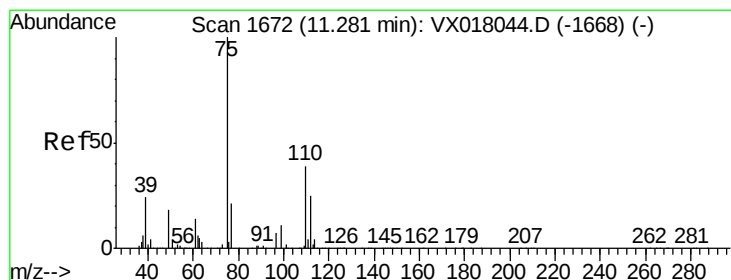
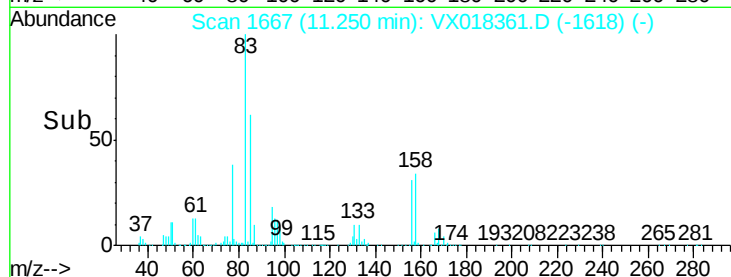
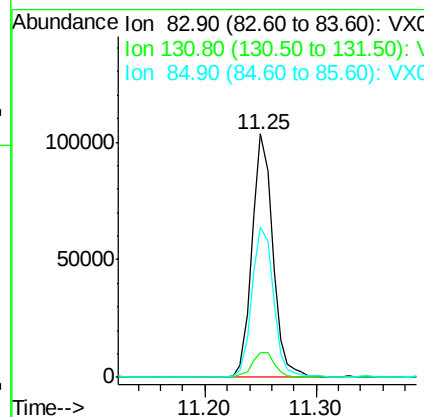
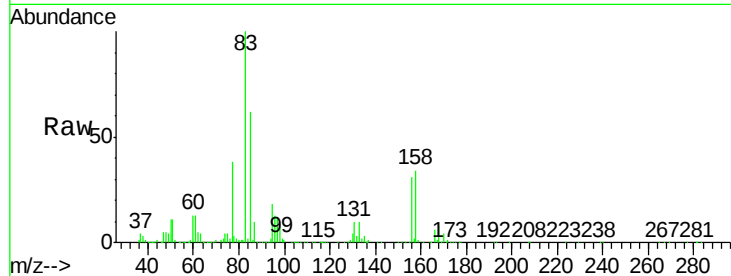
ClientSampled :

VX0911WBS02

Tot Ion:	83	Resp:	134987
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	64.5	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 17.620 ug/l m

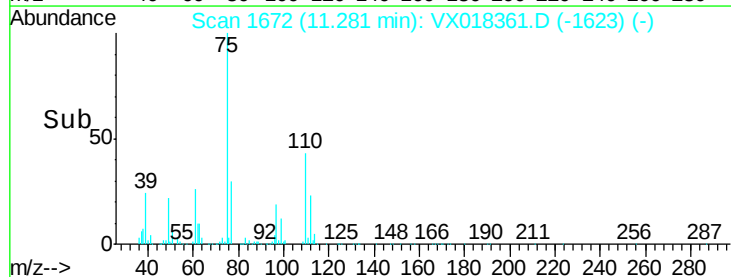
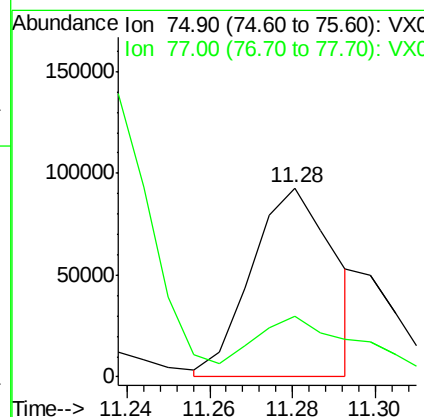
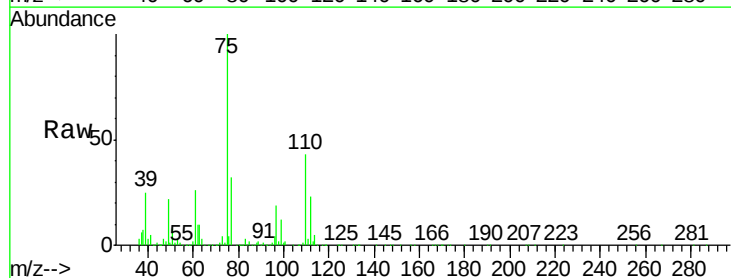
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	75	Resp:	129145
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.8	62.2





#77

Bromobenzene

Concen: 18.003 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

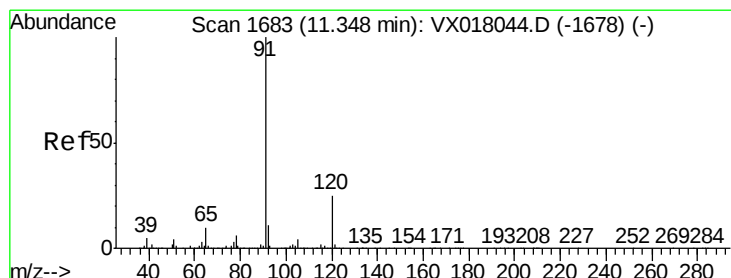
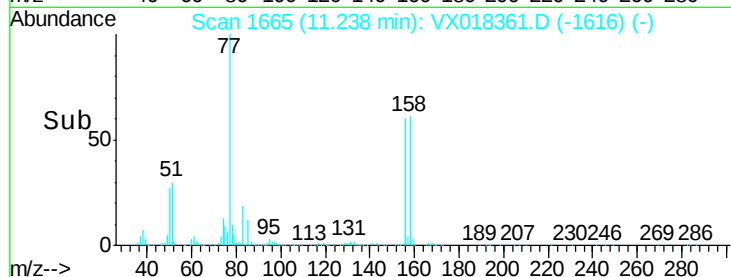
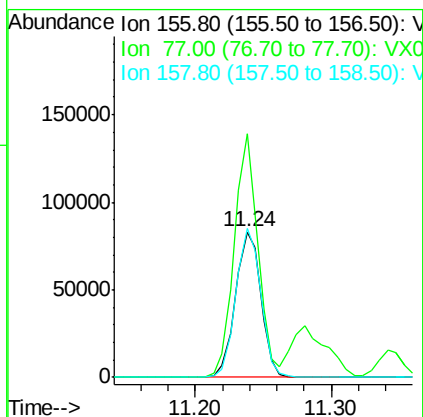
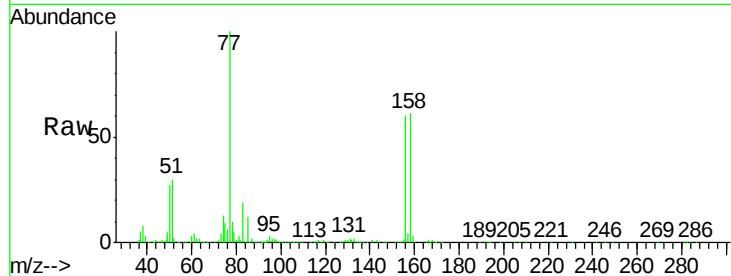
ClientSampleId :

VX0911WBS02

Tot Ion:	156	Resp:	108152
Ion Ratio	Lower	Upper	
156	100		
77	156.0	80.0	240.2
158	100.0	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 18.515 ug/l

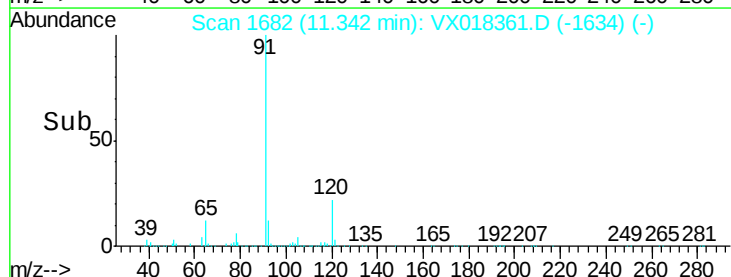
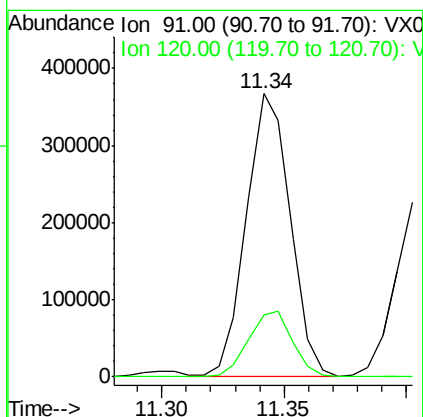
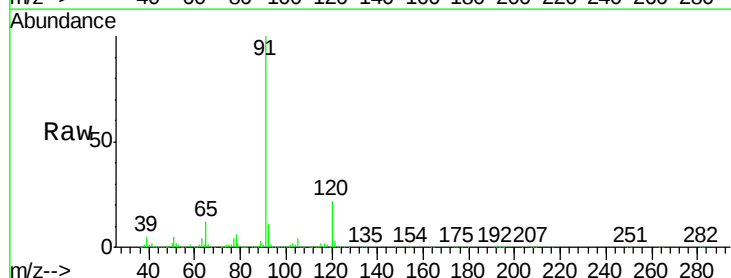
RT: 11.34 min Scan# 1682

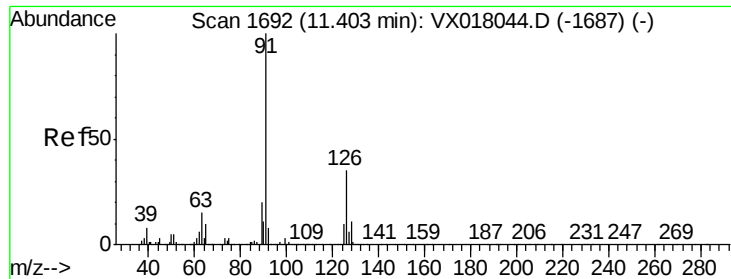
Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	91	Resp:	456893
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 18.386 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 91 Resp: 280317

Ion Ratio Lower Upper

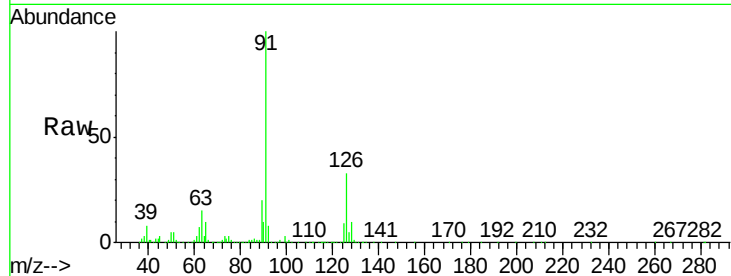
91 100

126 34.2 17.4 52.2

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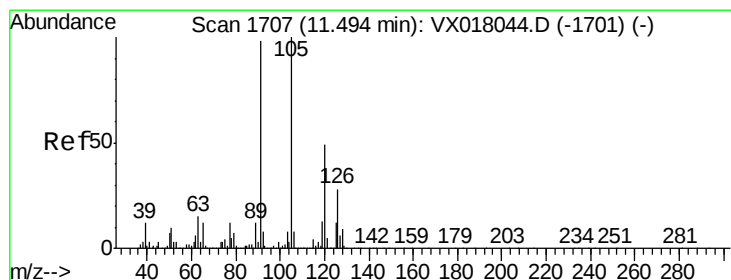
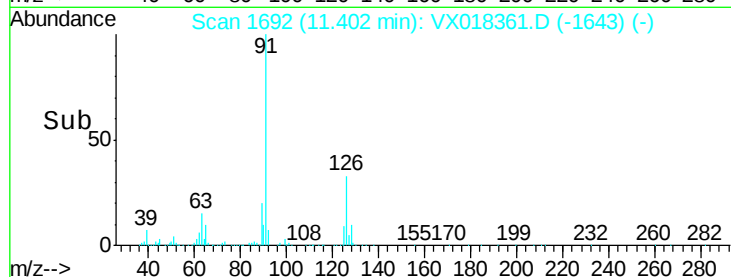
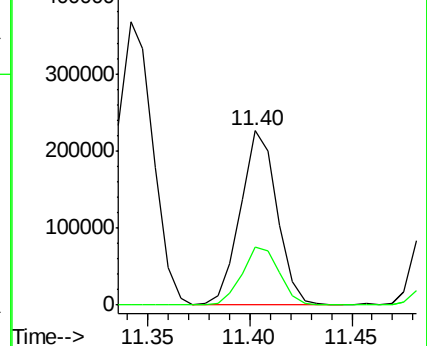
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9/14/2020 12:09:56 PM



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.737 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018361.D

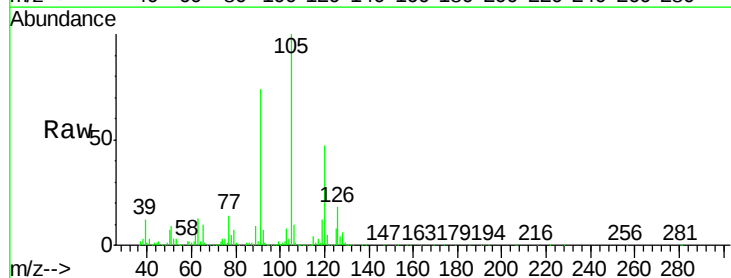
Acq: 11 Sep 2020 14:59

Tgt Ion: 105 Resp: 352487

Ion Ratio Lower Upper

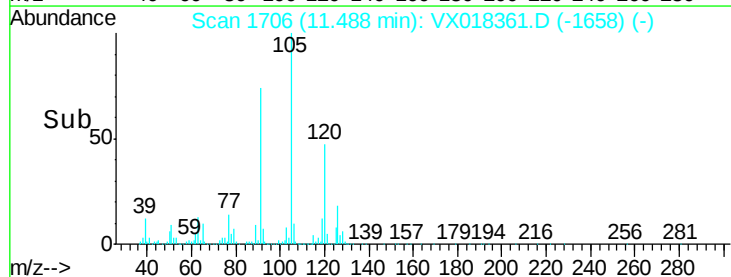
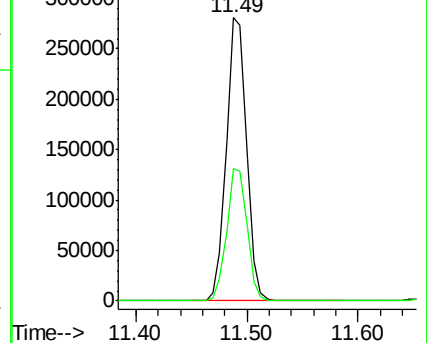
105 100

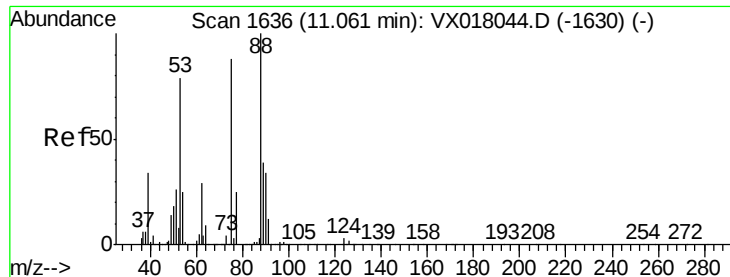
120 46.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.845 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS02

Tot Ion: 75 Resp: 45714

Ion Ratio Lower Upper

75 100

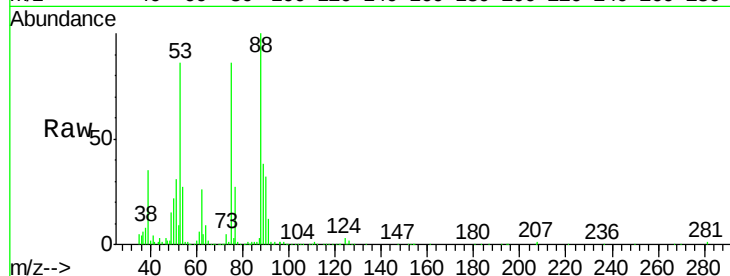
53 100.9 74.7 112.1

89 48.7 36.6 54.8

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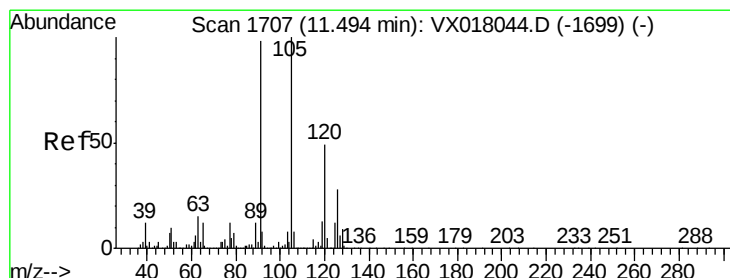
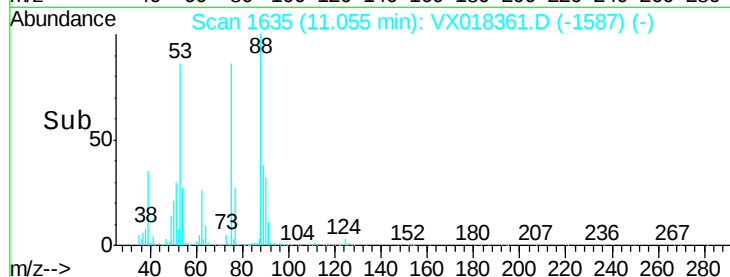
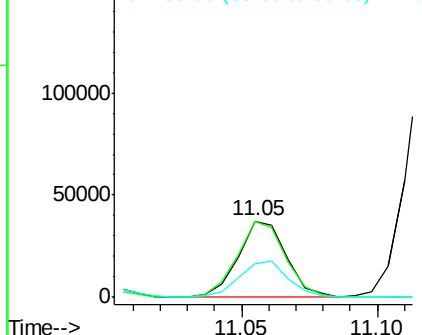
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.623 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018361.D

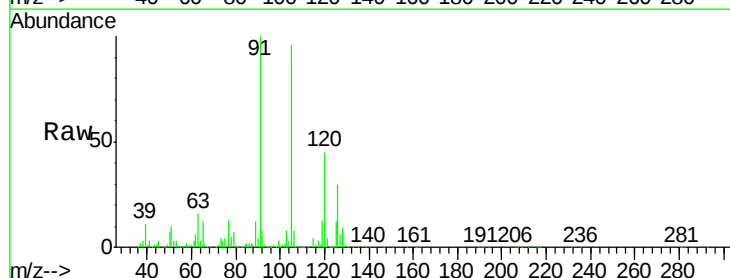
Acq: 11 Sep 2020 14:59

Tgt Ion: 91 Resp: 337539

Ion Ratio Lower Upper

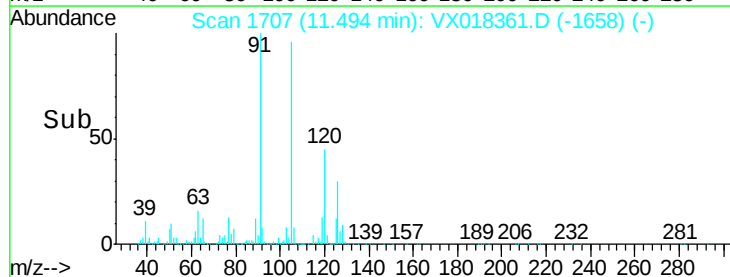
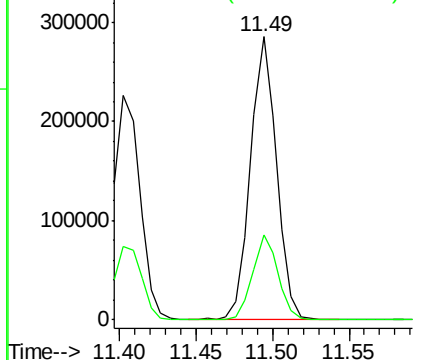
91 100

126 29.2 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.875 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

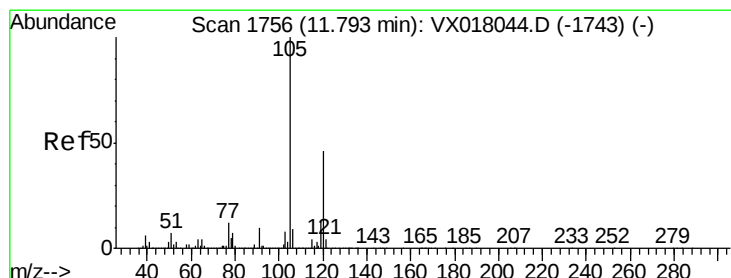
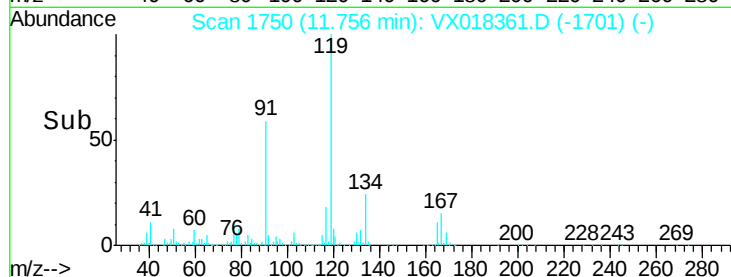
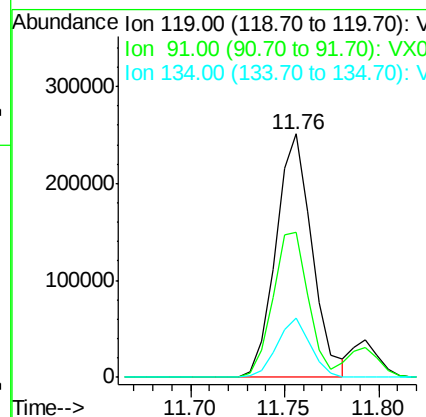
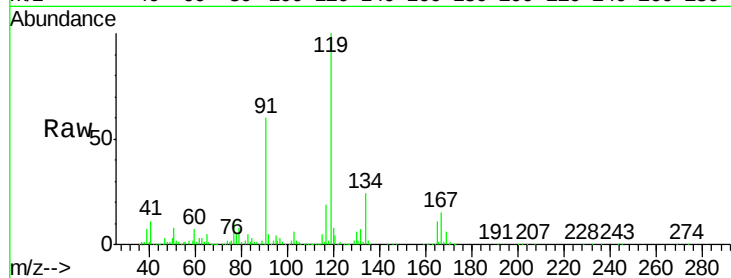
ClientSampleId :

VX0911WBS02

Tot Ion:	119	Resp:	332666
Ion Ratio	Lower	Upper	
119	100		
91	58.8	28.2	84.7
134	22.5	11.3	33.8

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#84

1,2,4-Trimethylbenzene

Concen: 18.974 ug/l

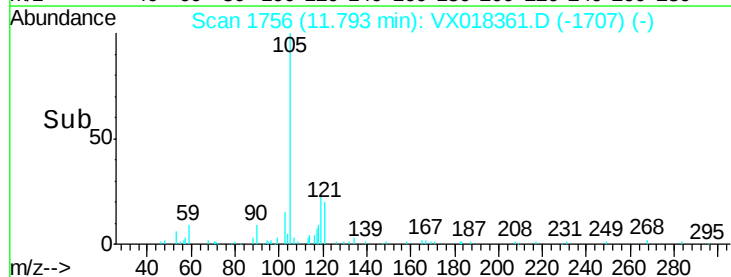
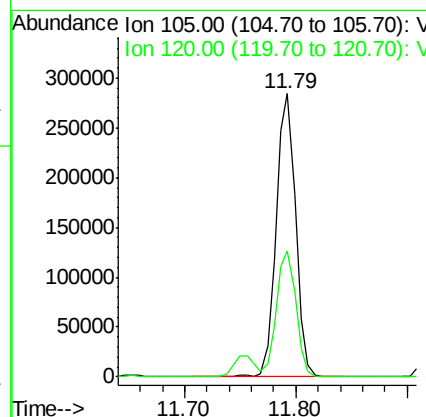
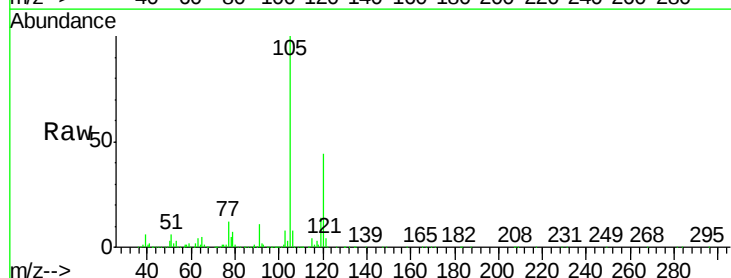
RT: 11.79 min Scan# 1756

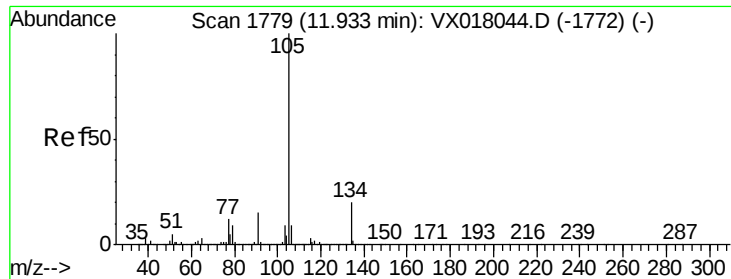
Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	105	Resp:	346447
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.3	66.9





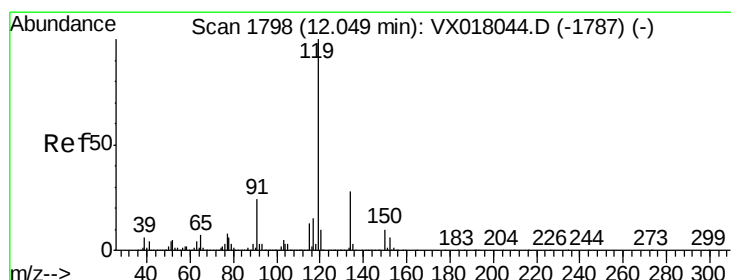
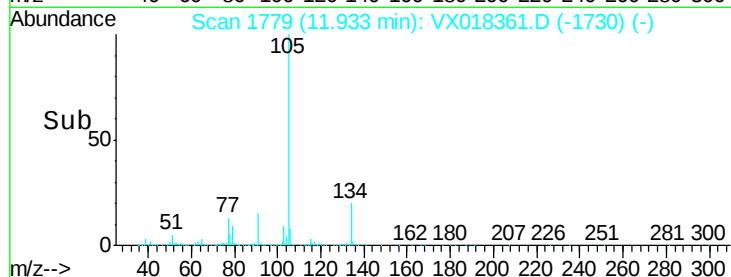
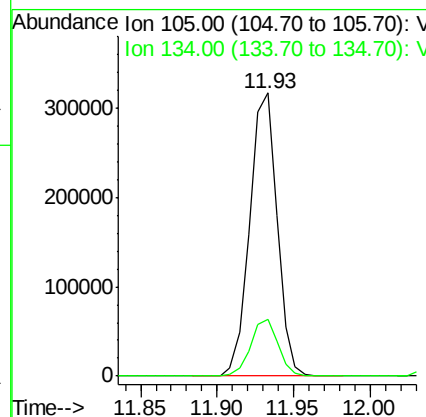
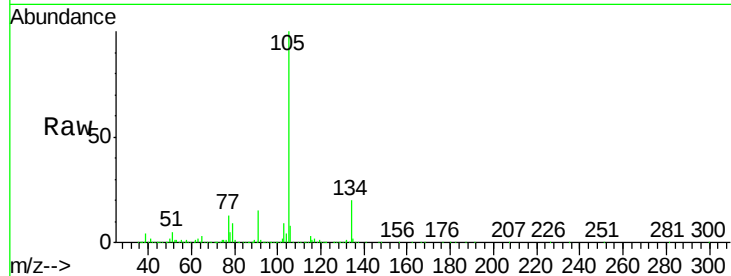
#85
 sec-Butylbenzene
 Concen: 19.629 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	393420		
134	20.1	10.1	30.3	

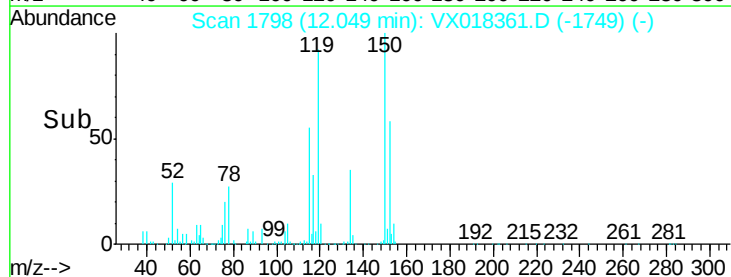
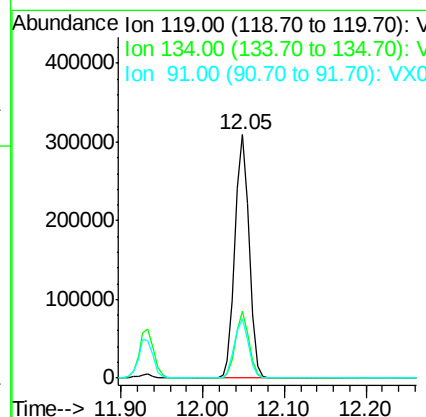
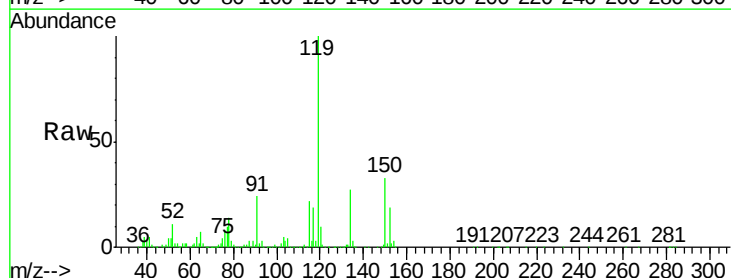
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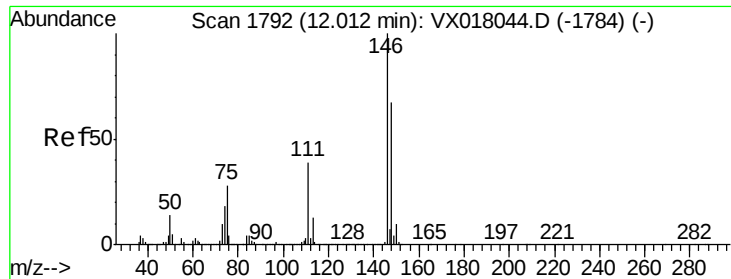
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#86
 p-Isopropyltoluene
 Concen: 19.863 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	365680		
134	26.0	13.2	39.5	
91	24.7	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 18.438 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Instrument :

MSVOA_X

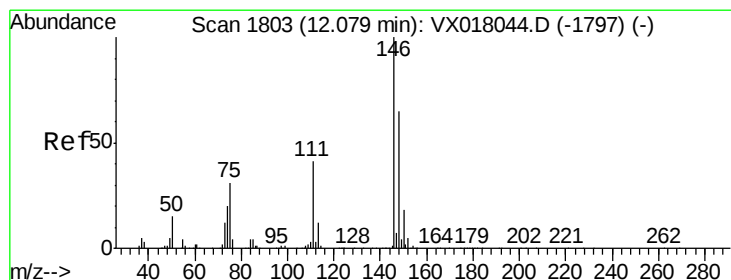
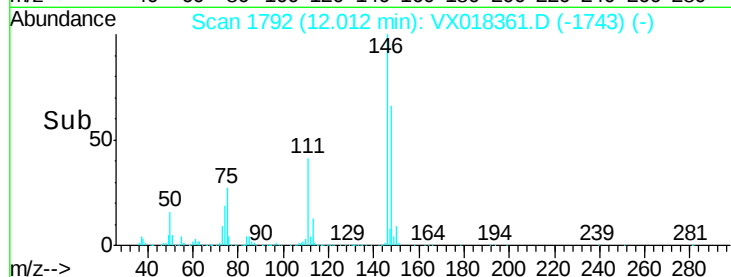
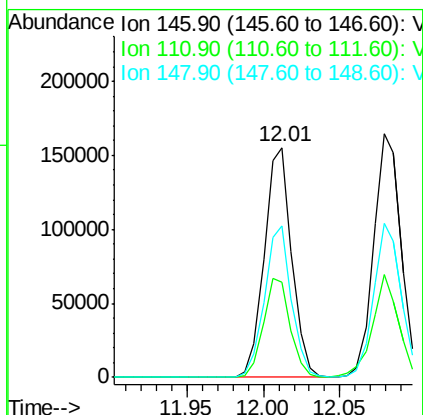
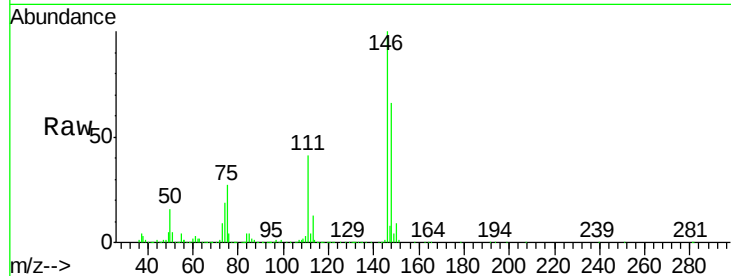
ClientSampleId :

VX0911WBS02

Tot Ion:	146	Resp:	194470
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.6	61.8
148	64.5	33.1	99.2

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#88

1,4-Dichlorobenzene

Concen: 19.246 ug/l

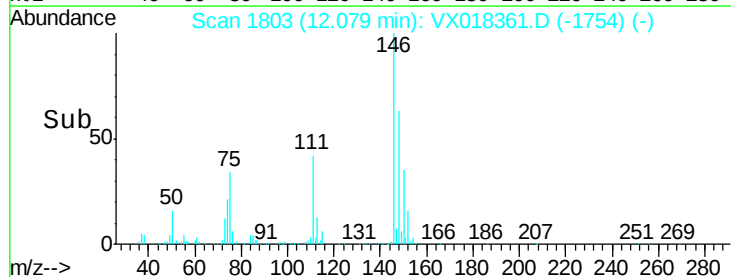
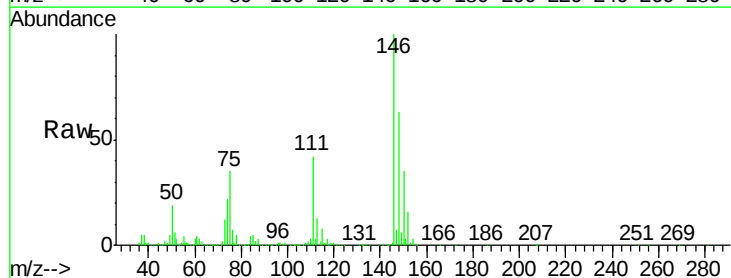
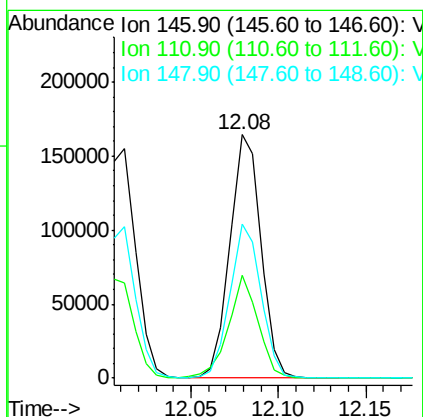
RT: 12.08 min Scan# 1803

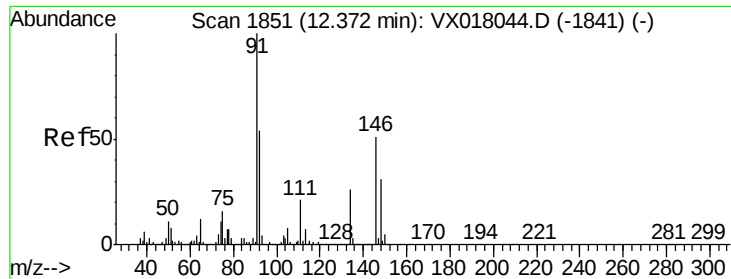
Delta R.T. -0.00 min

Lab File: VX018361.D

Acq: 11 Sep 2020 14:59

Tgt Ion:	146	Resp:	203252
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.3	60.8
148	63.4	33.1	99.2





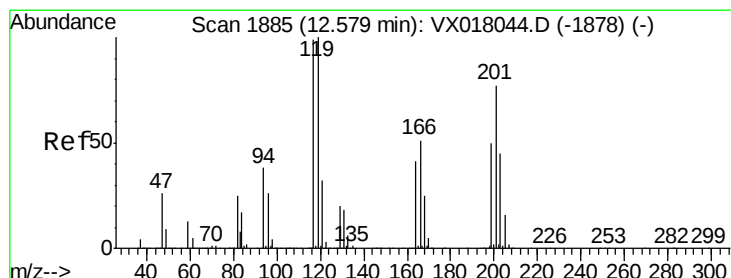
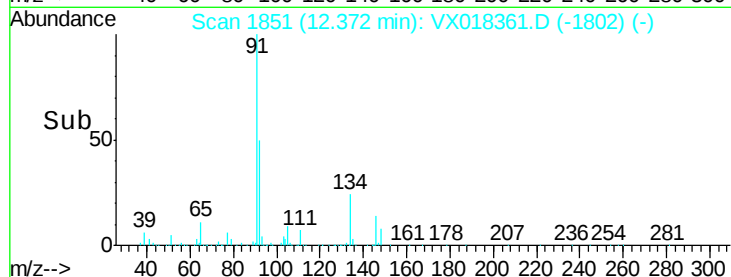
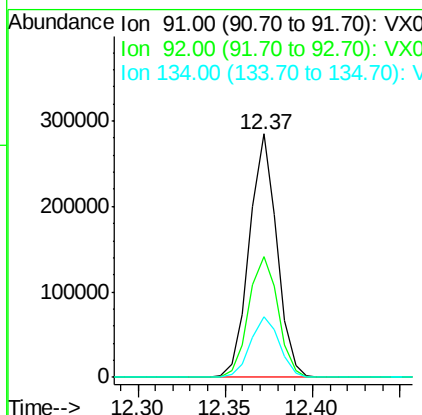
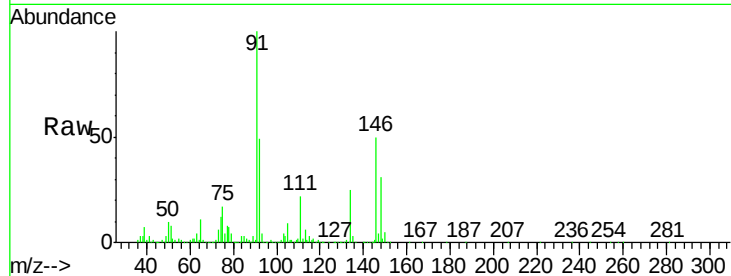
#89
n-Butylbenzene
Concen: 18.505 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	310956		
92	53.1	26.4	79.2	
134	26.1	12.9	38.7	

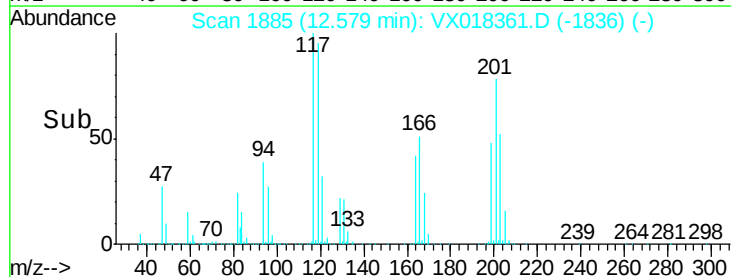
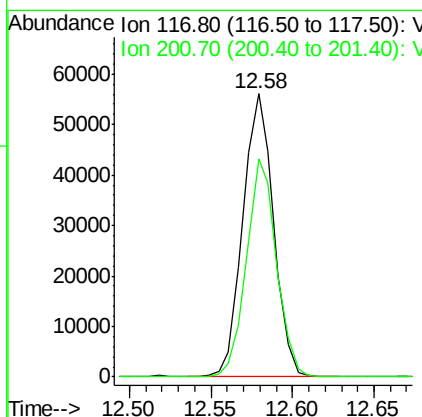
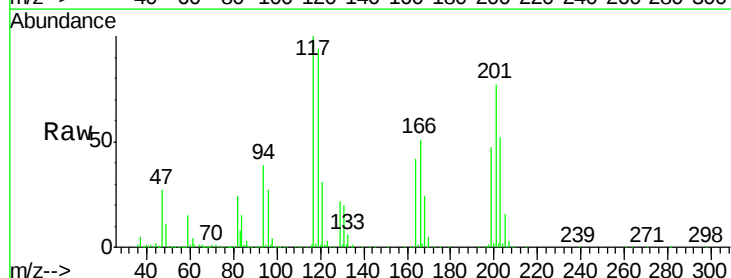
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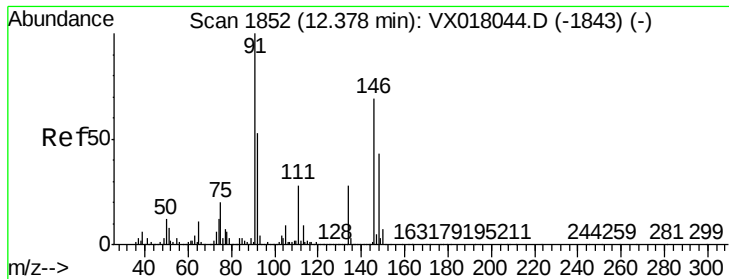
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#90
Hexachloroethane
Concen: 20.312 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73573		
201	75.1	38.5	115.3	





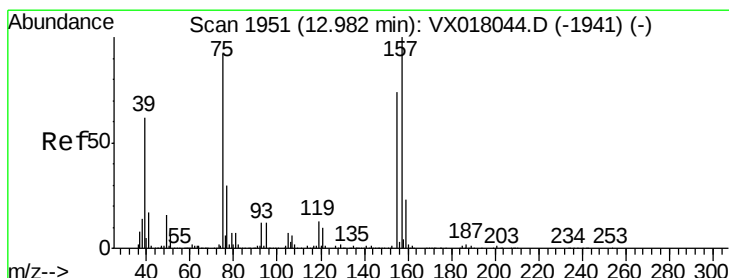
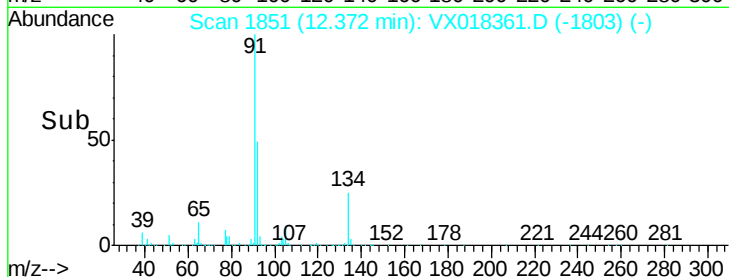
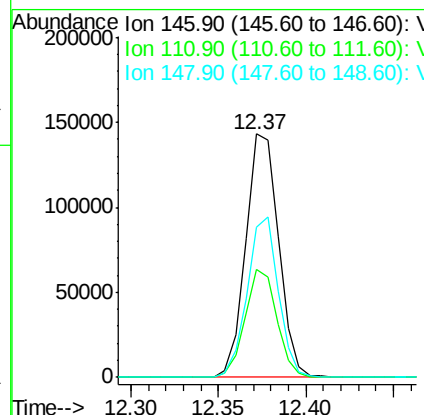
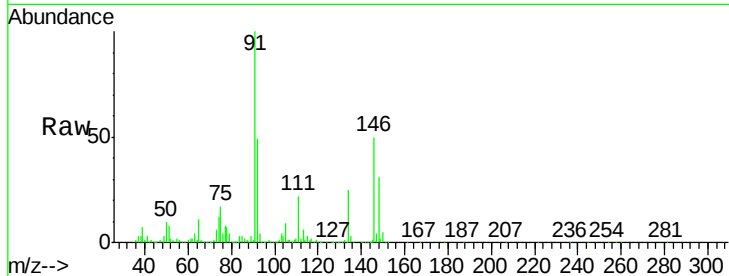
#91
 1,2-Dichlorobenzene
 Concen: 18.940 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188043		
111	42.9	20.8	62.5	
148	62.5	31.6	95.0	

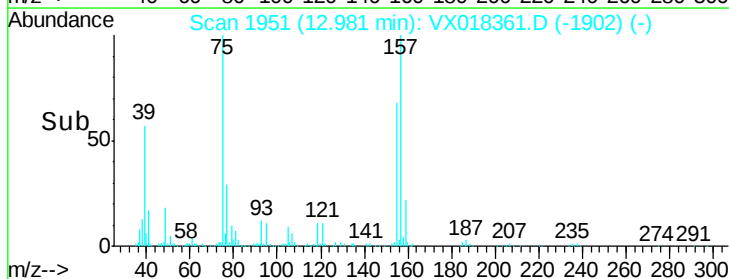
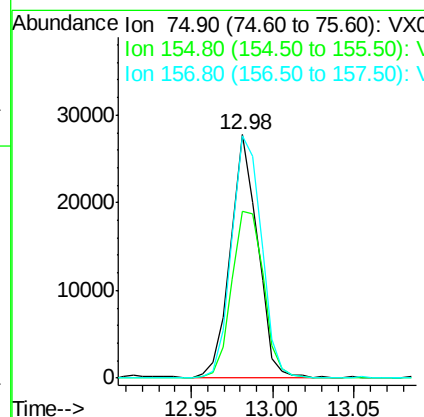
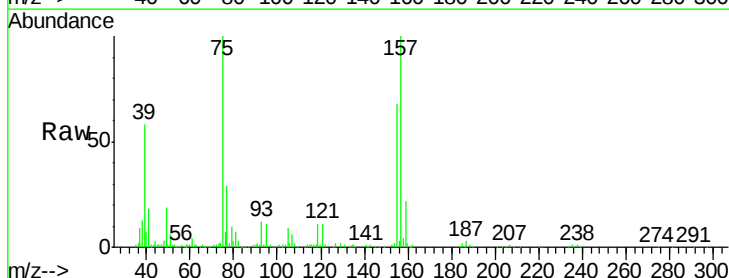
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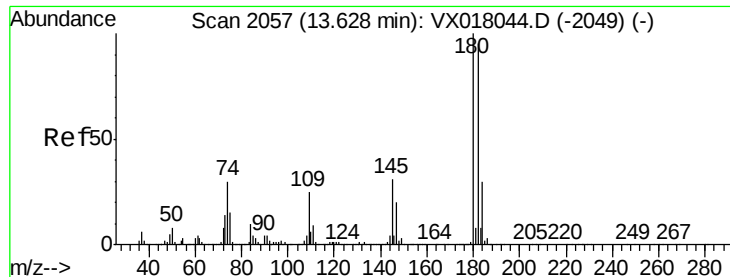
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.953 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32499		
155	79.5	40.2	120.6	
157	108.9	55.0	165.2	





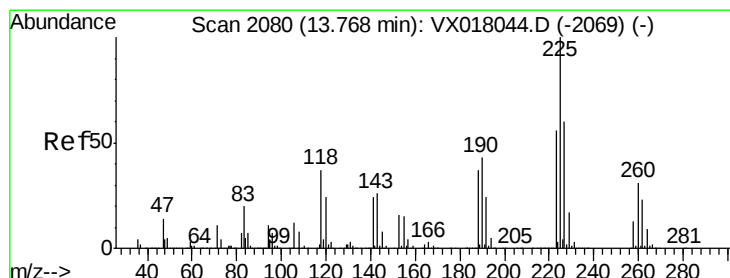
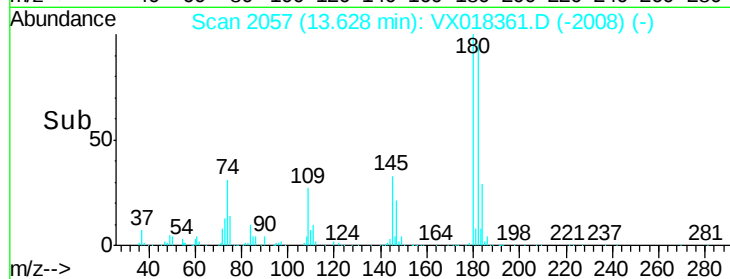
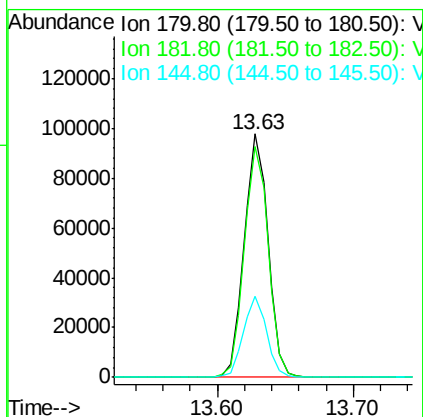
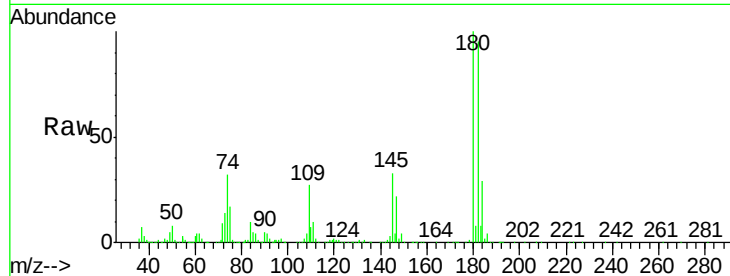
#93
 1,2,4-Trichlorobenzene
 Concen: 18.127 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	120012		
182	95.5	47.5	142.6	
145	32.4	15.7	47.1	

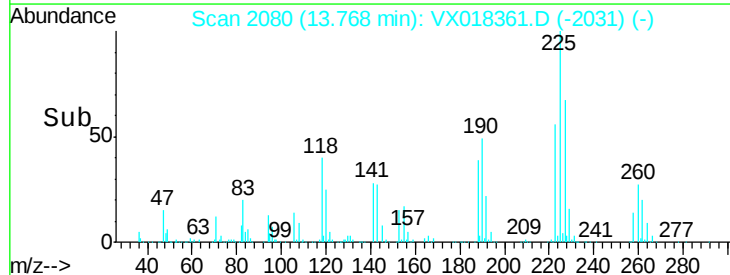
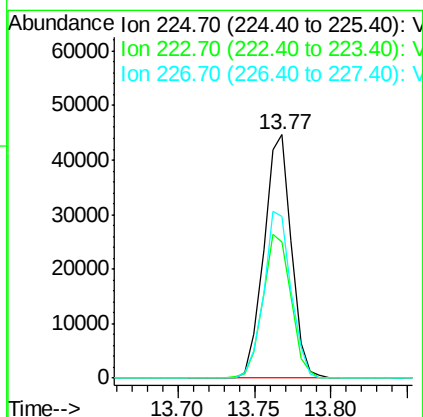
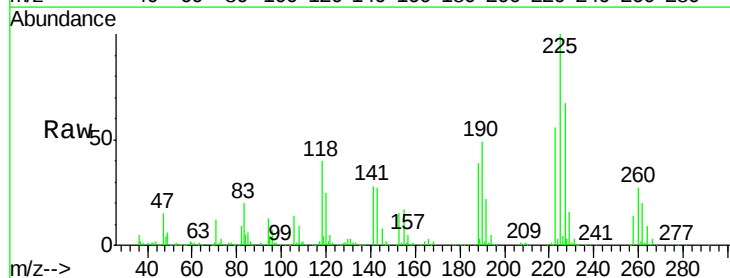
Manual Integrations
 APPROVED

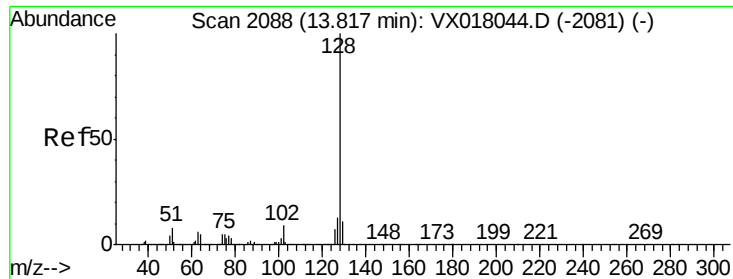
MMDadoda
 9/14/2020 12:09:56 PM



#94
 Hexachlorobutadiene
 Concen: 21.419 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018361.D
 Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55933		
223	60.5	30.7	92.1	
227	68.7	32.6	97.8	





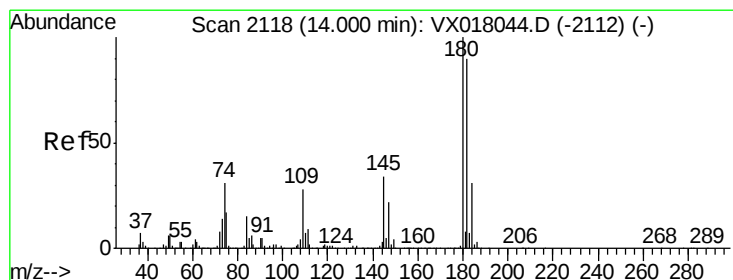
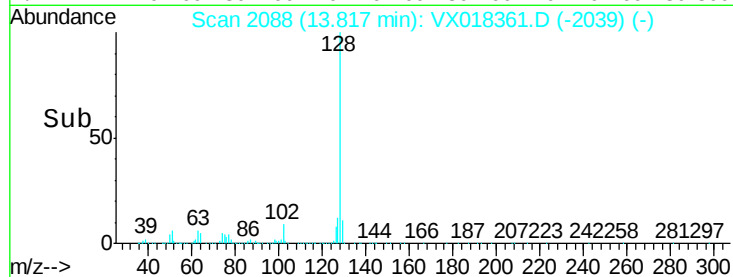
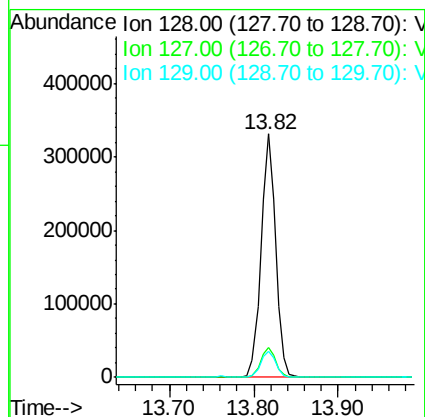
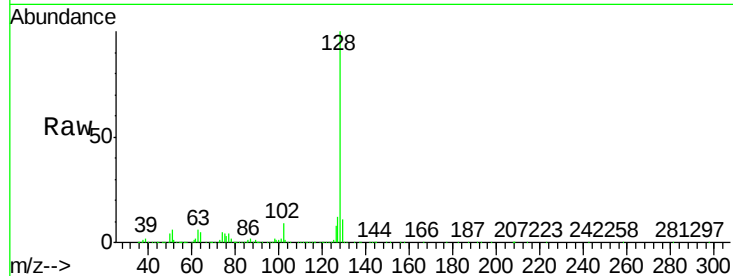
#95
Naphthalene
Concen: 18.118 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	394768		
127	12.6	10.2	15.2	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.625 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018361.D
Acq: 11 Sep 2020 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	121844		
182	92.5	47.3	142.0	
145	34.1	17.5	52.6	

