

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011620\
 Data File : VX014629.D
 Acq On : 16 Jan 2020 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 11:23:24 AM

Quant Time: Jan 17 06:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	468489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	694974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	632657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	236236	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.48	113	194210	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
50) Toluene-d8	8.71	98	760019	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.13	95	270172	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	285141	49.028	ug/l	99
3) Chloromethane	1.32	50	291444	48.803	ug/l	100
4) Vinyl Chloride	1.41	62	336146	50.514	ug/l	99
5) Bromomethane	1.63	94	203714	46.183	ug/l	96
6) Chloroethane	1.72	64	183840	50.717	ug/l	98
7) Trichlorofluoromethane	1.92	101	365651	48.439	ug/l	98
8) Diethyl Ether	2.18	74	158508	46.026	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223634	48.696	ug/l	99
10) Methyl Iodide	2.50	142	302699	55.045	ug/l	100
11) Tert butyl alcohol	3.03	59	241670	221.309	ug/l	99
12) 1,1-Dichloroethene	2.37	96	213689	46.183	ug/l	97
13) Acrolein	2.28	56	209872	239.781	ug/l	98
14) Allyl chloride	2.72	41	391402	48.181	ug/l	99
15) Acrylonitrile	3.13	53	642773	243.883	ug/l	99
16) Acetone	2.43	43	699338	266.974	ug/l	99
17) Carbon Disulfide	2.56	76	576385	44.644	ug/l	100
18) Methyl Acetate	2.76	43	387812	51.593	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	732119	49.290	ug/l	99
20) Methylene Chloride	2.85	84	251493	47.801	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	233862	46.296	ug/l	97
22) Diisopropyl ether	3.84	45	811886	51.716	ug/l	94
23) Vinyl Acetate	3.80	43	3130262	257.540	ug/l	99
24) 1,1-Dichloroethane	3.69	63	431385	50.512	ug/l	100
25) 2-Butanone	4.65	43	963408	246.609	ug/l	98
26) 2,2-Dichloropropane	4.57	77	346632	47.913	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	268369	47.525	ug/l	98
28) Bromochloromethane	5.00	49	175095	48.656	ug/l	96
29) Tetrahydrofuran	5.11	42	576190	249.460	ug/l	98
30) Chloroform	5.19	83	421584	50.518	ug/l	99
31) Cyclohexane	5.57	56	397923	49.779	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	356338	49.884	ug/l	99
36) 1,1-Dichloropropene	5.79	75	321064	49.126	ug/l	99
37) Ethyl Acetate	4.81	43	352306	49.627	ug/l	98
38) Carbon Tetrachloride	5.77	117	303135	50.403	ug/l	94

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Quant Time: Jan 17 06:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	408912	49.801	ug/l	98
40) Benzene	6.13	78	984107	50.734	ug/l	98
41) Methacrylonitrile	5.02	41	197404	52.144	ug/l	97
42) 1,2-Dichloroethane	6.18	62	339627	50.076	ug/l	99
43) Isopropyl Acetate	6.43	43	578244	50.423	ug/l	99
44) Trichloroethene	7.20	130	271548	48.713	ug/l	97
45) 1,2-Dichloropropane	7.50	63	255489	51.662	ug/l	99
46) Dibromomethane	7.65	93	163353	47.325	ug/l	98
47) Bromodichloromethane	7.89	83	328631	52.324	ug/l	98
48) Methyl methacrylate	7.76	41	291671	53.103	ug/l	98
49) 1,4-Dioxane	7.73	88	106735	917.115	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1796754	257.111	ug/l	99
52) Toluene	8.78	92	615569	49.574	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	363190	49.669	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	406937	51.518	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	250875	50.301	ug/l	97
56) Ethyl methacrylate	9.17	69	392612	51.382	ug/l	98
57) 1,3-Dichloropropane	9.36	76	421056	50.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	700081	269.287	ug/l	98
59) 2-Hexanone	9.48	43	1405616	254.208	ug/l	98
60) Dibromochloromethane	9.57	129	262974	52.458	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262448	49.676	ug/l	99
64) Tetrachloroethene	9.33	164	292162	46.078	ug/l	99
65) Chlorobenzene	10.13	112	663162	48.302	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	246765	50.363	ug/l	99
67) Ethyl Benzene	10.25	91	1179246	50.392	ug/l	99
68) m/p-Xylenes	10.36	106	905759	100.326	ug/l	99
69) o-Xylene	10.70	106	434877	50.485	ug/l	100
70) Styrene	10.71	104	757539	50.959	ug/l	99
71) Bromoform	10.85	173	198219	49.446	ug/l	98
73) Isopropylbenzene	11.01	105	1166285	51.209	ug/l	100
74) N-amyl acetate	10.89	43	504195	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371636	50.882	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	315863m	47.070	ug/l	
77) Bromobenzene	11.25	156	303119	47.992	ug/l	99
78) n-propylbenzene	11.35	91	1338438	51.315	ug/l	99
79) 2-Chlorotoluene	11.42	91	779498	50.144	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	973877	51.504	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	125844	49.580	ug/l	96
82) 4-Chlorotoluene	11.51	91	911315	49.943	ug/l	99
83) tert-Butylbenzene	11.76	119	910063	50.938	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	977879	51.180	ug/l	100
85) sec-Butylbenzene	11.94	105	1142608	51.445	ug/l	100
86) p-Isopropyltoluene	12.06	119	1059869	51.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	542932	47.898	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	543364	51.037	ug/l	100
89) n-Butylbenzene	12.39	91	940206	49.893	ug/l	99
90) Hexachloroethane	12.59	117	184922	51.080	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	538432	48.483	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	79192	48.202	ug/l	96

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ClientSampleId :
VSTDCCC050

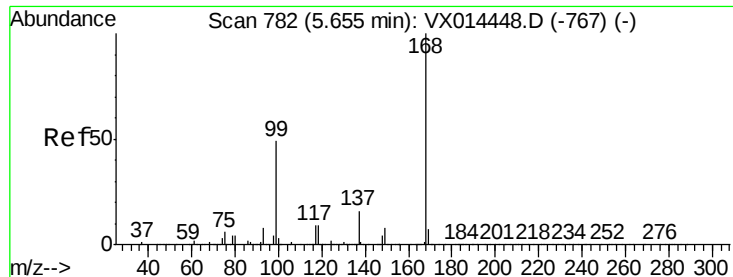
Manual Integrations
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1/17/2020 11:23:24 AM

Quant Time: Jan 17 06:15:08 2020
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	371842	47.702	ug/l	99
94) Hexachlorobutadiene	13.78	225	186377	51.054	ug/l	99
95) Naphthalene	13.83	128	1103482	45.613	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	370969	48.488	ug/l	99

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



#1

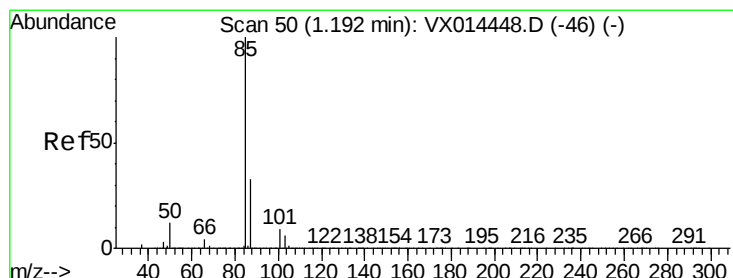
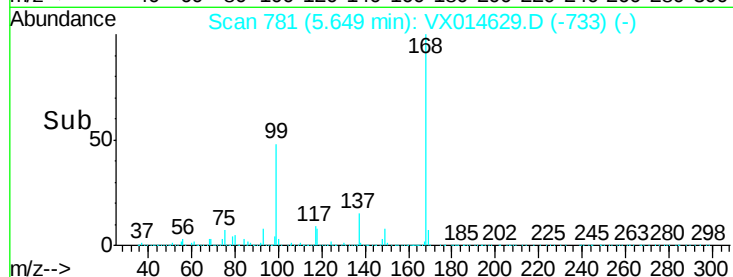
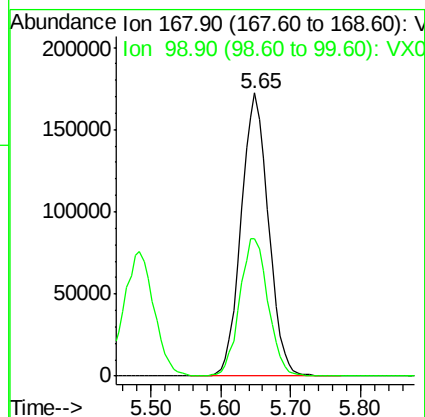
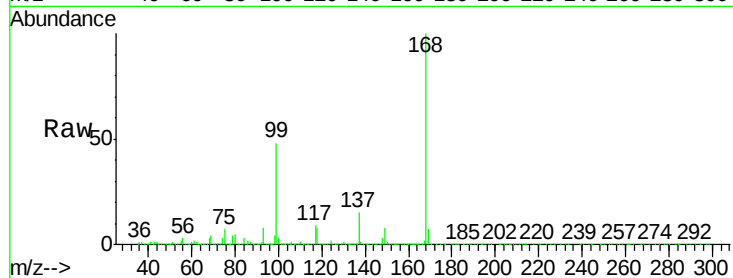
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.2	58.8

Manual Integrations
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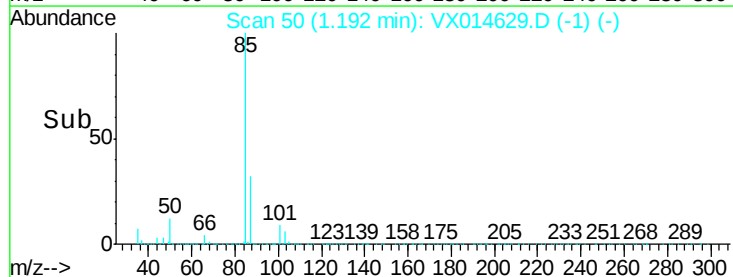
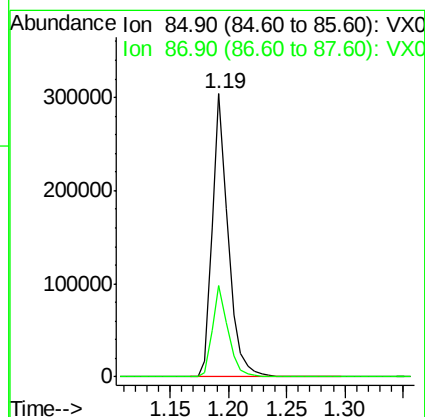
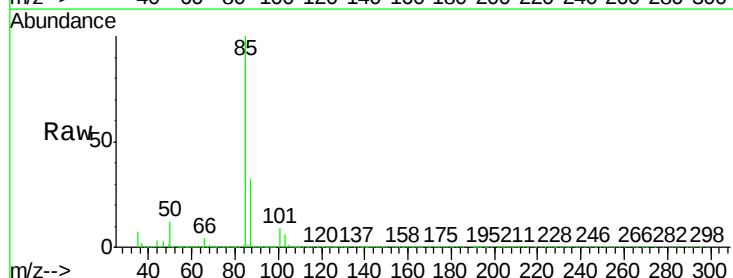
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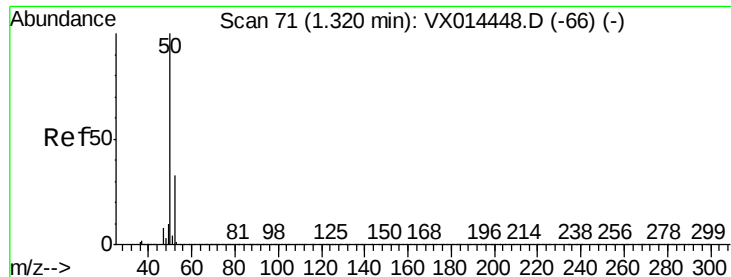


#2

Dichlorodifluoromethane
 Concen: 49.028 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.5	49.5





#3

Chloromethane

Concen: 48.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 291444

Ion Ratio Lower Upper

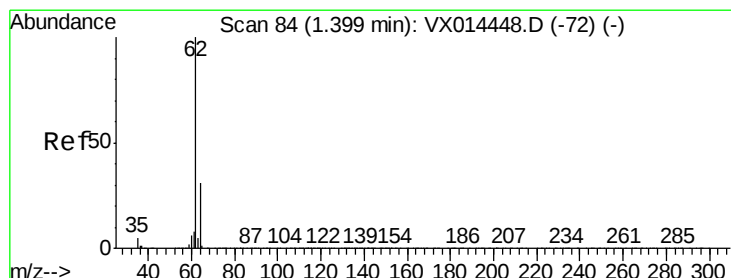
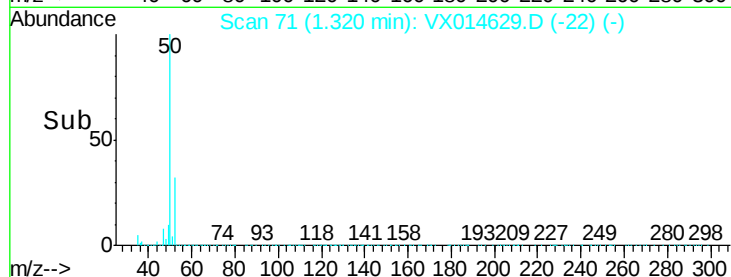
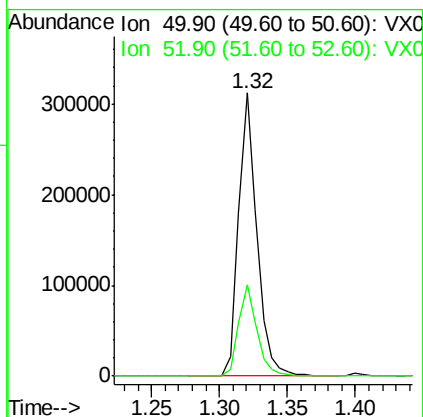
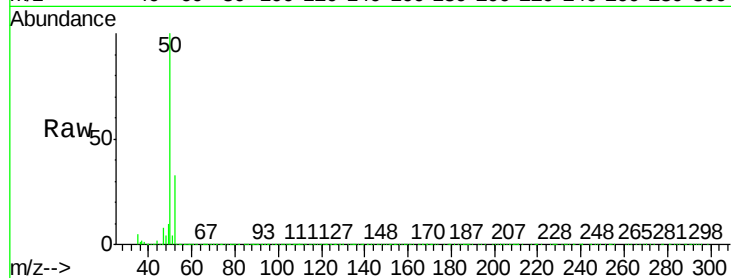
50 100

52 32.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.514 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014629.D

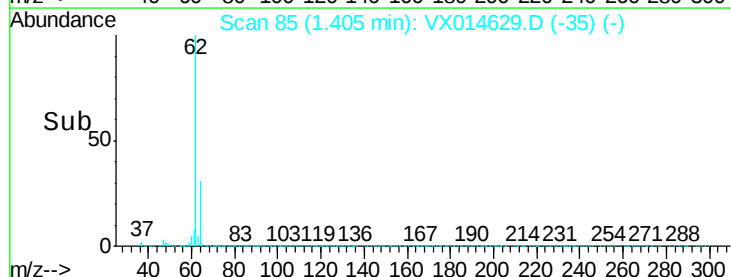
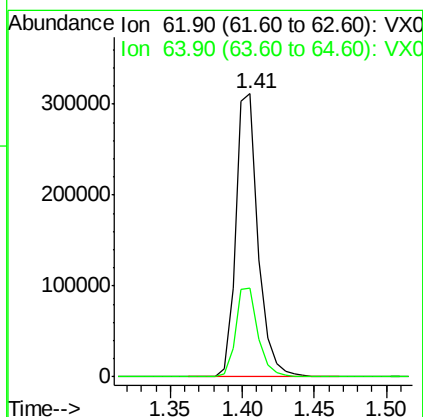
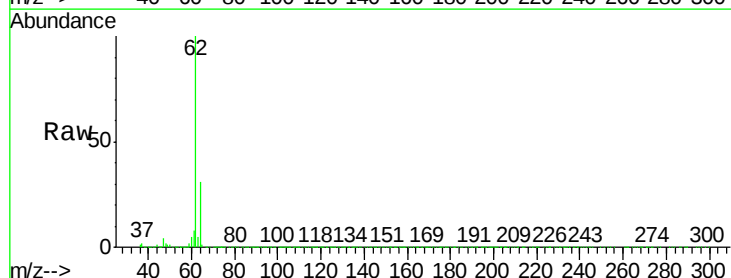
Acq: 16 Jan 2020 10:46

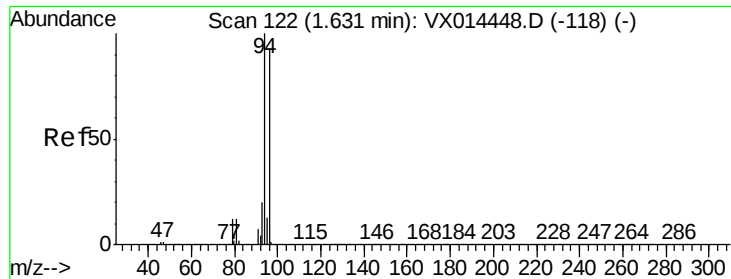
Tgt Ion: 62 Resp: 336146

Ion Ratio Lower Upper

62 100

64 31.2 24.6 37.0





#5

Bromomethane

Concen: 46.183 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 203714

Ion Ratio Lower Upper

94 100

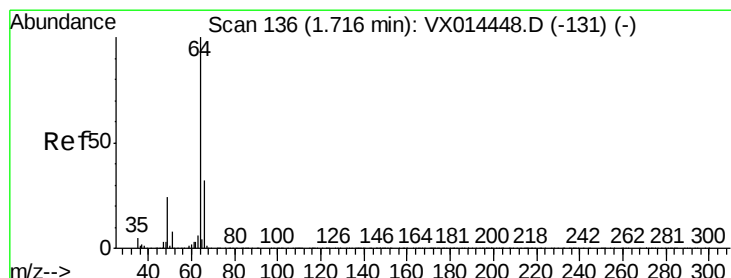
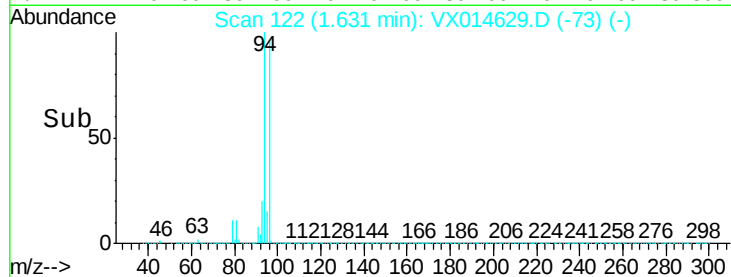
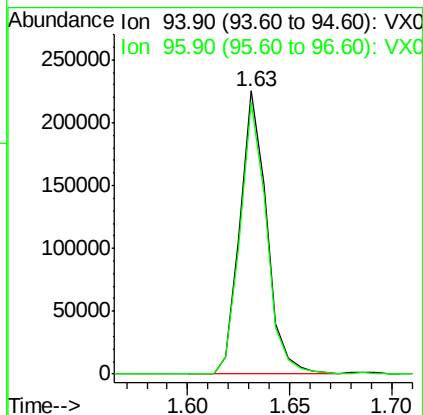
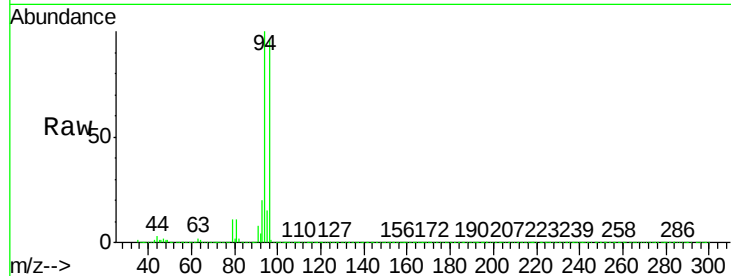
96 96.4 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 50.717 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014629.D

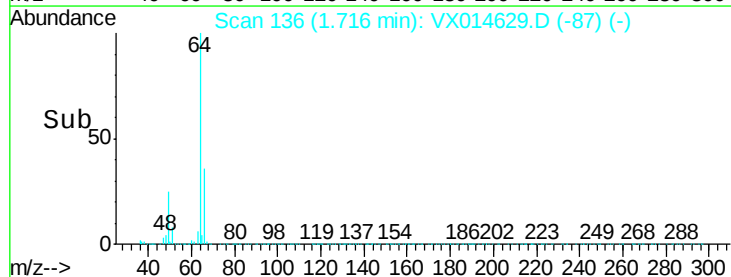
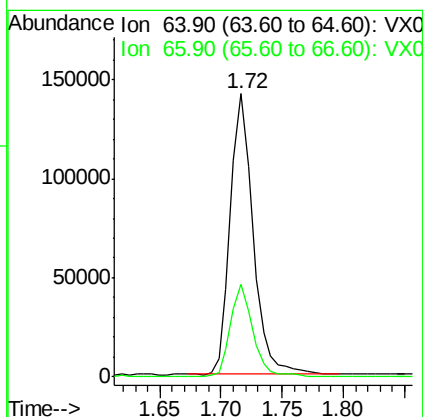
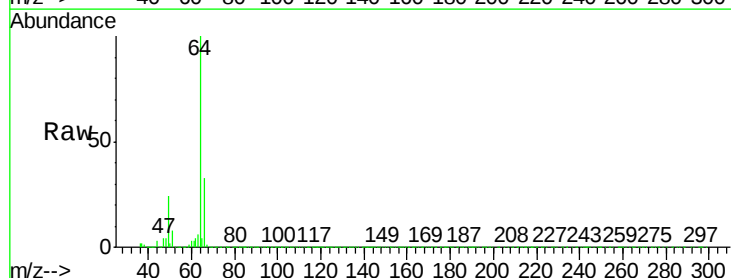
Acq: 16 Jan 2020 10:46

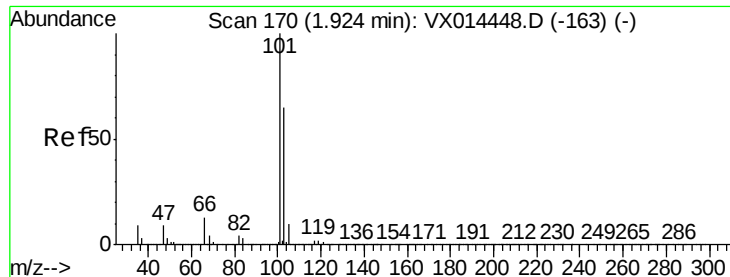
Tgt Ion: 64 Resp: 183840

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9





#7

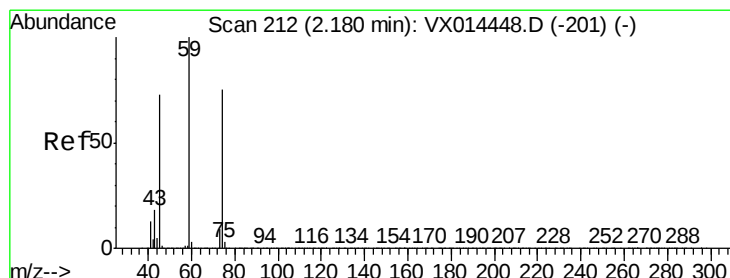
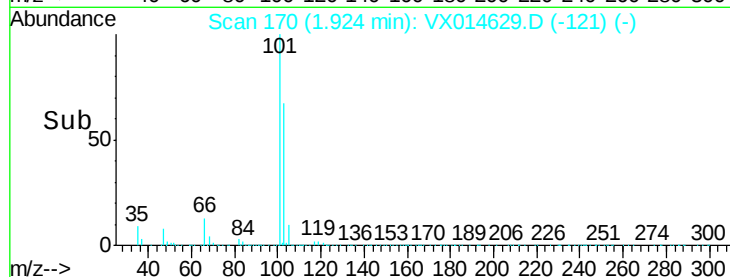
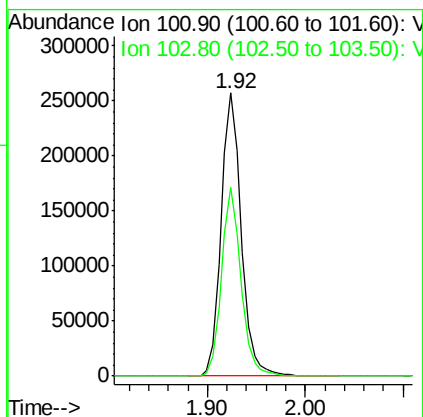
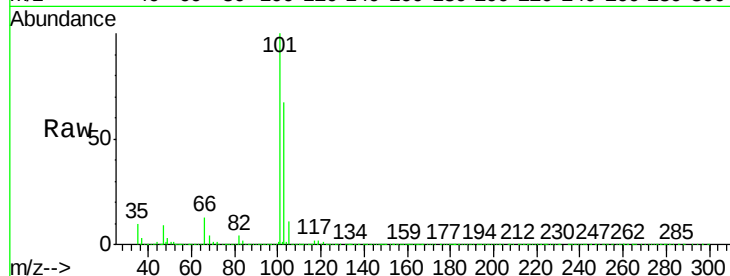
Trichlorofluoromethane
Concen: 48.439 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.2	78.4

Manual Integrations
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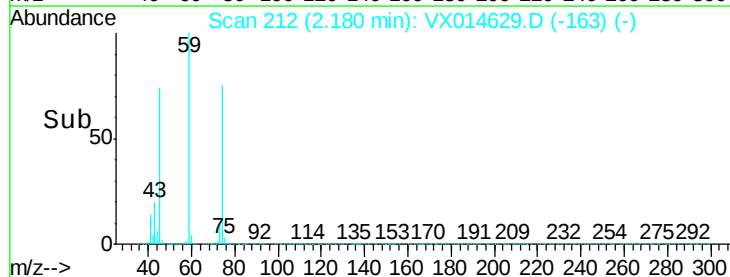
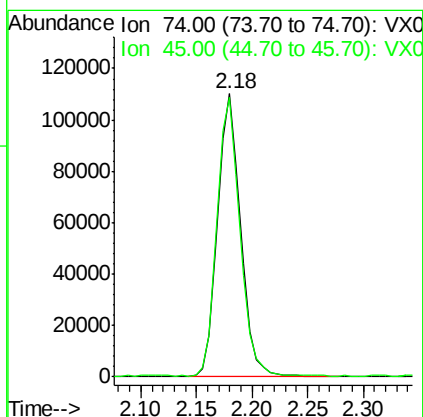
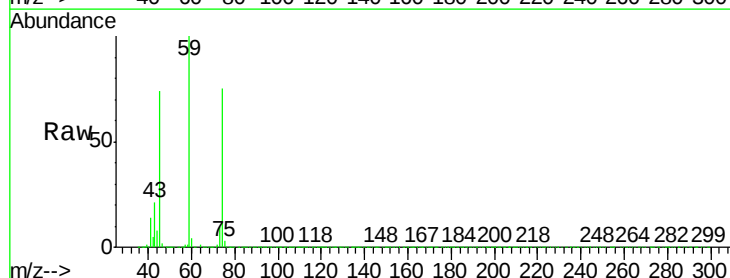
MMDadoda
1/17/2020 11:23:24 AM

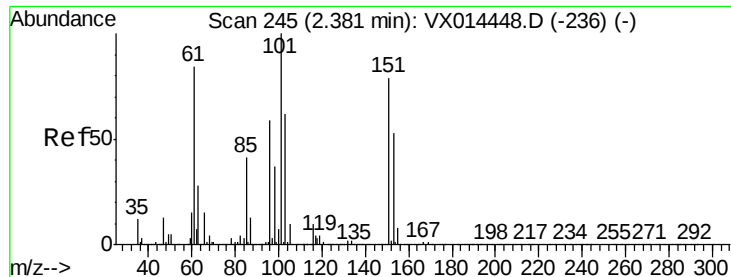


#8

Diethyl Ether
Concen: 46.026 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.696 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

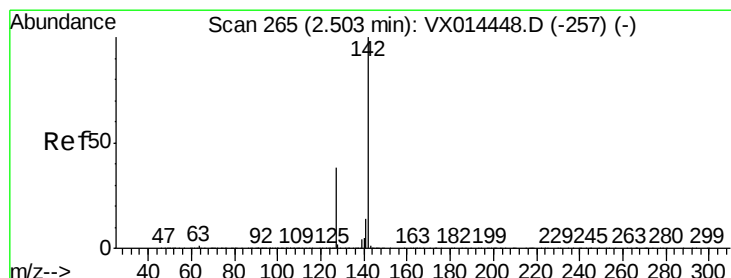
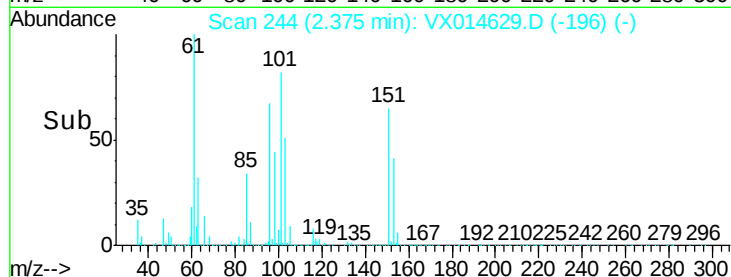
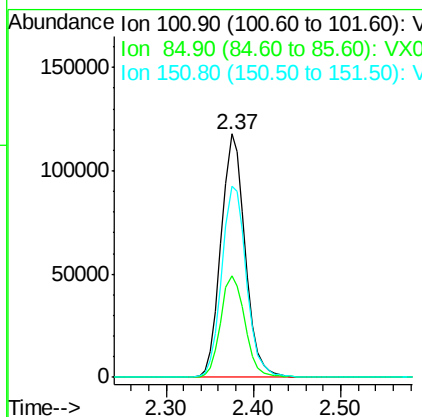
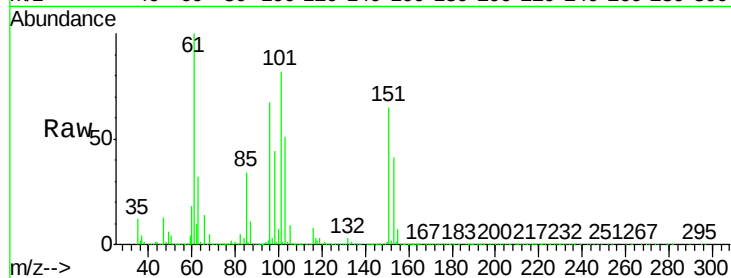
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	223634
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	80.8	65.3	97.9

Manual Integrations
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#10

Methyl Iodide

Concen: 55.045 ug/l

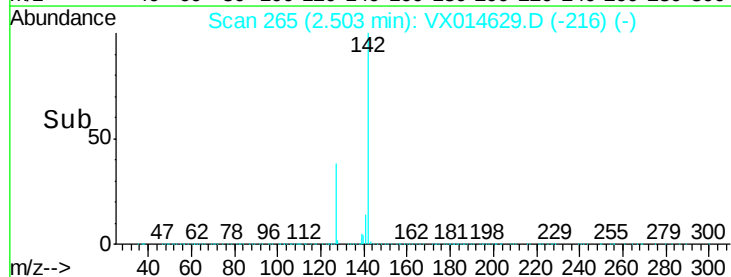
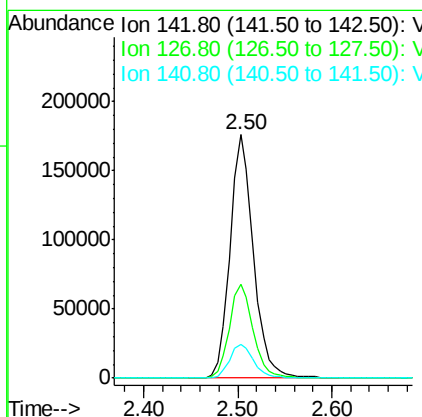
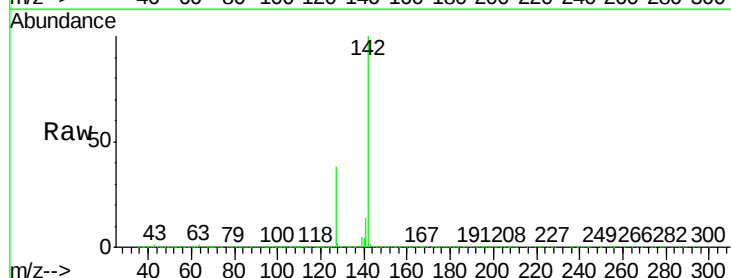
RT: 2.50 min Scan# 265

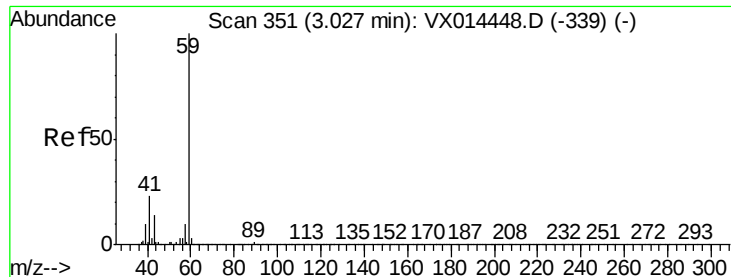
Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion:	142	Resp:	302699
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.2	46.8
141	14.4	11.4	17.2





#11

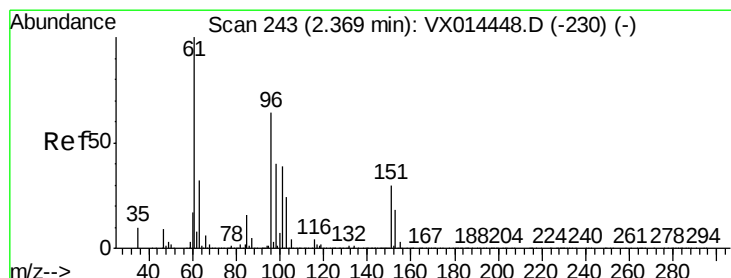
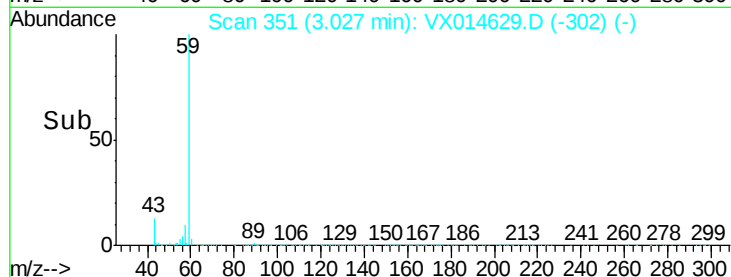
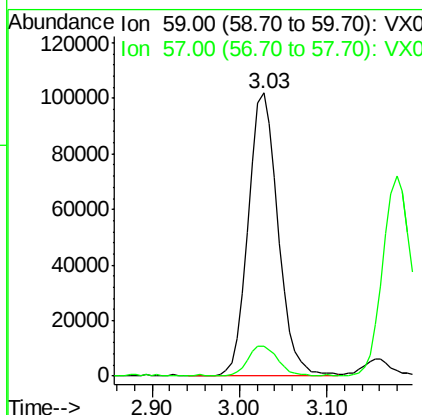
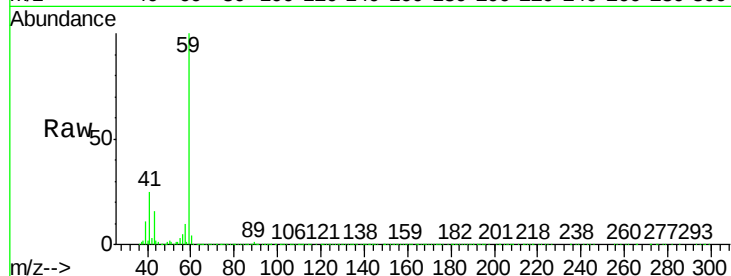
Tert butyl alcohol
Concen: 221.309 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

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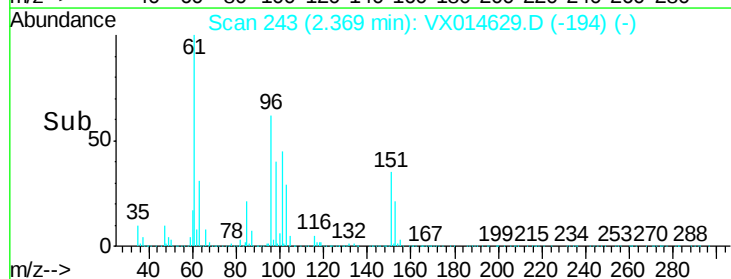
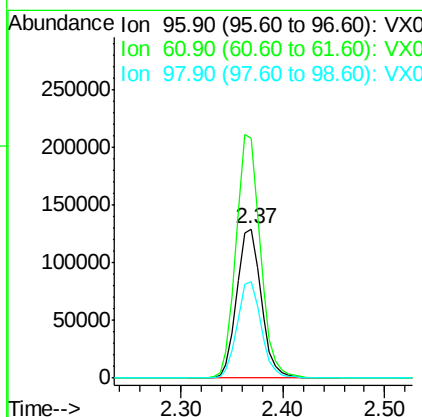
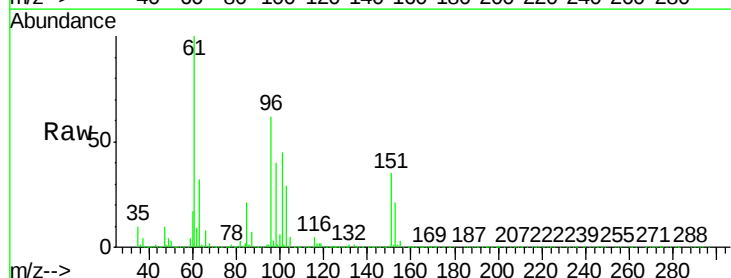
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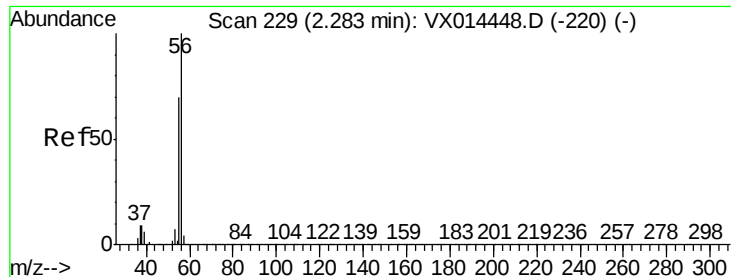


#12

1,1-Dichloroethene
Concen: 46.183 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	125.0	187.6
98	64.4	50.2	75.2





#13

Acrolein

Concen: 239.781 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 209872

Ion Ratio Lower Upper

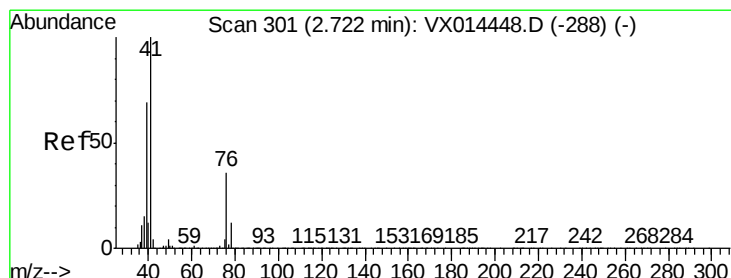
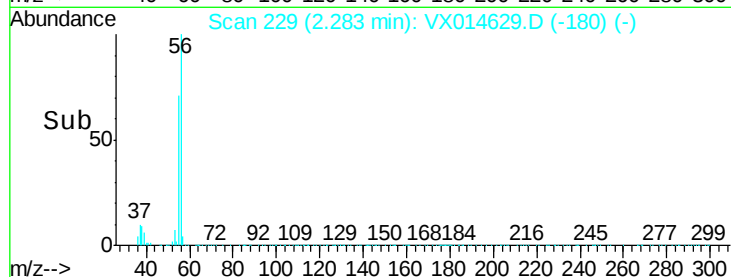
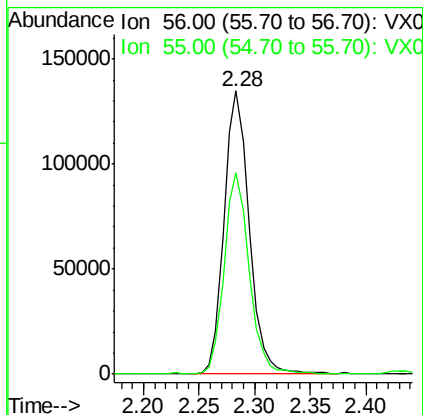
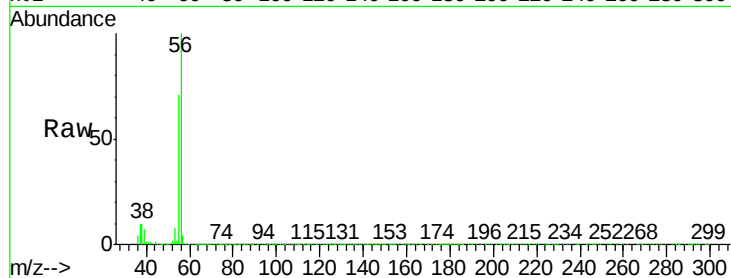
56 100

55 70.7 55.0 82.6

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#14

Allyl chloride

Concen: 48.181 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

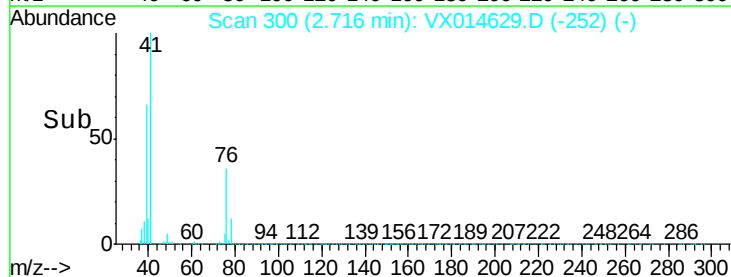
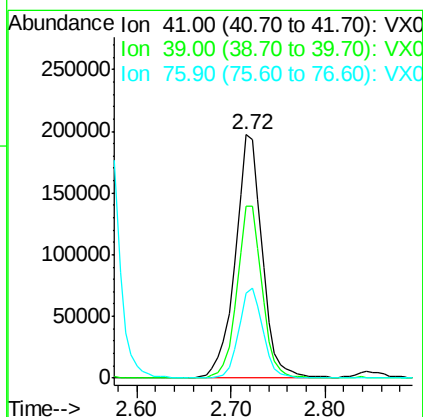
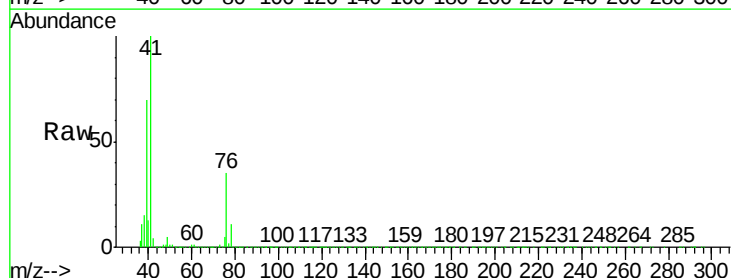
Tgt Ion: 41 Resp: 391402

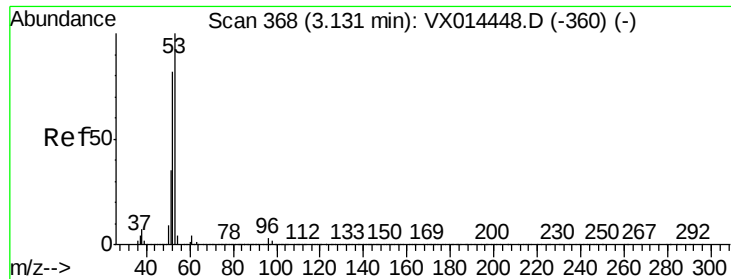
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 243.883 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

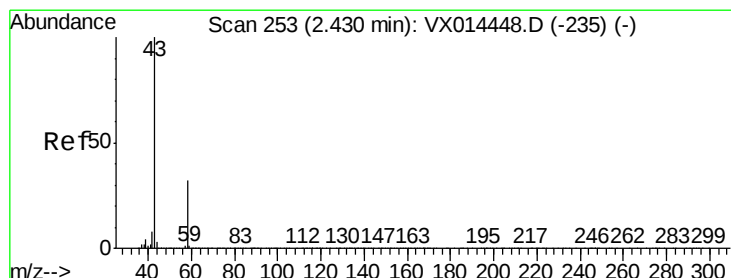
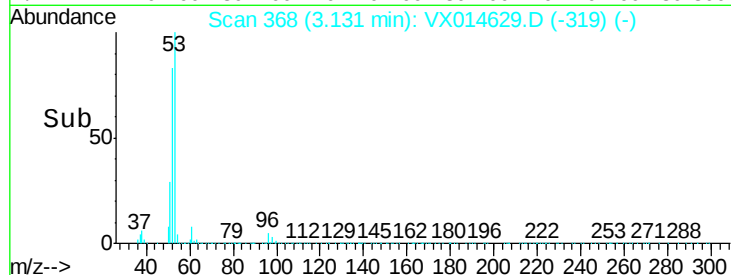
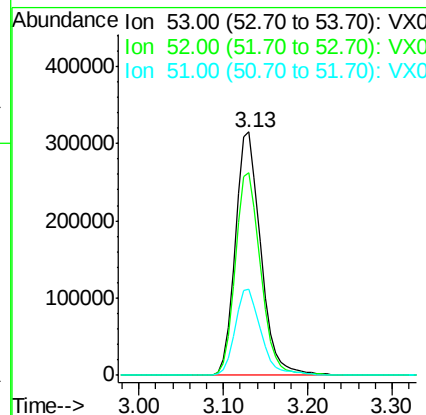
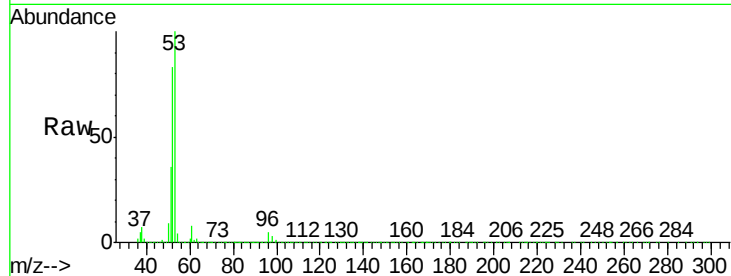
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	642773
Ion Ratio		Lower	Upper
53	100		
52	82.8	67.0	100.4
51	36.1	28.5	42.7

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#16

Acetone

Concen: 266.974 ug/l

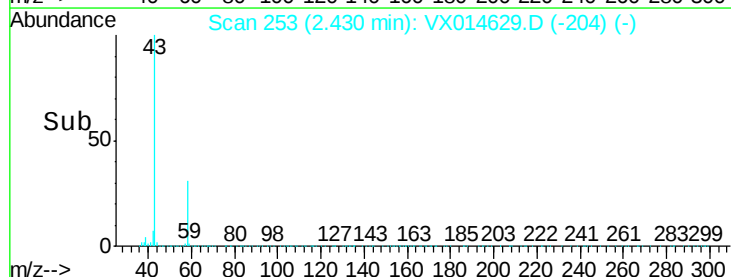
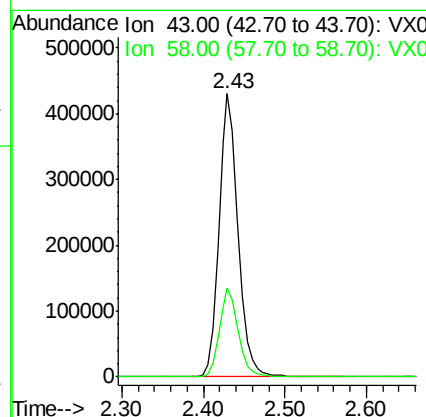
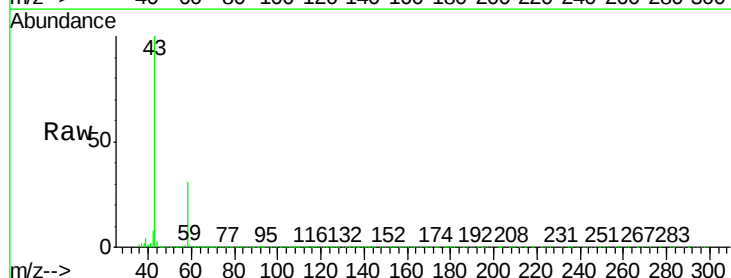
RT: 2.43 min Scan# 253

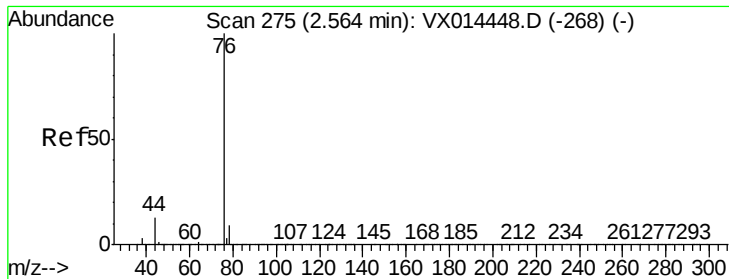
Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion:	43	Resp:	699338
Ion Ratio		Lower	Upper
43	100		
58	31.3	25.4	38.0





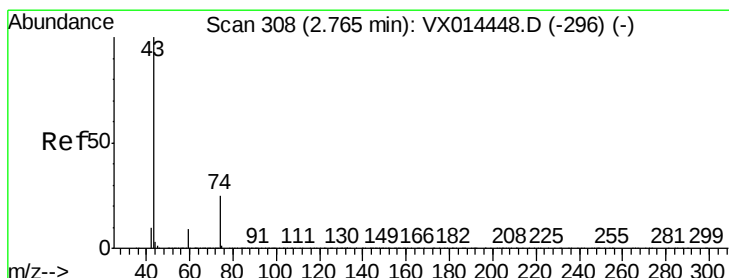
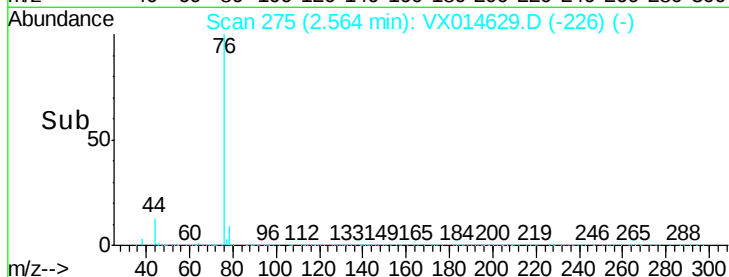
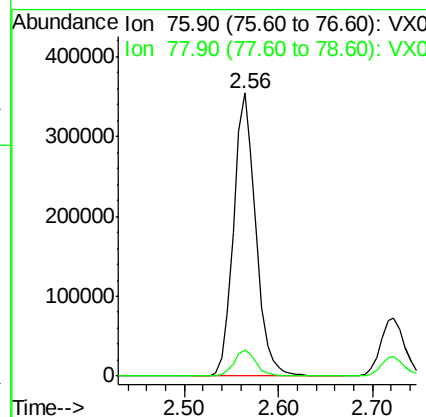
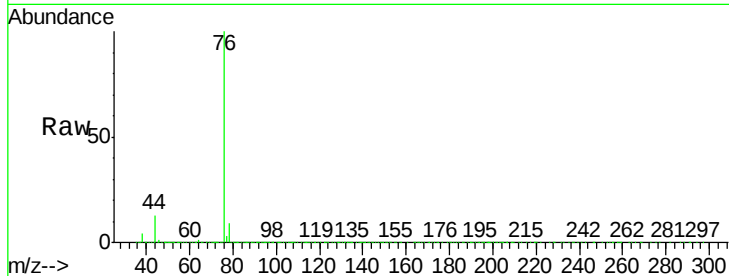
#17
Carbon Disulfide
Concen: 44.644 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

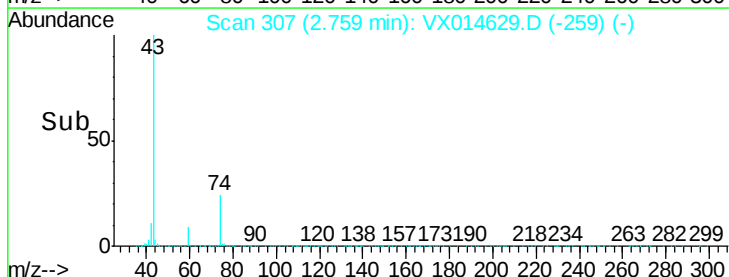
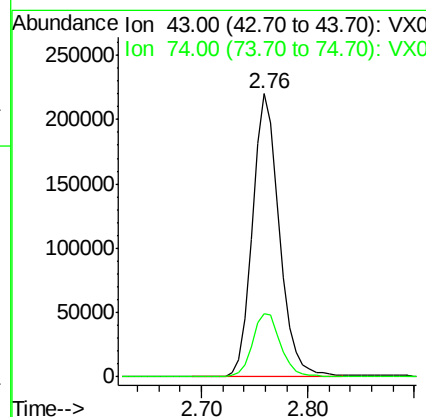
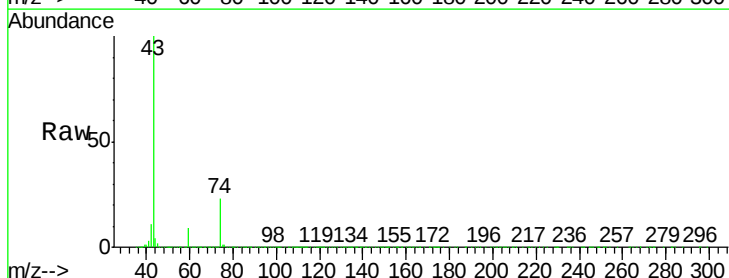
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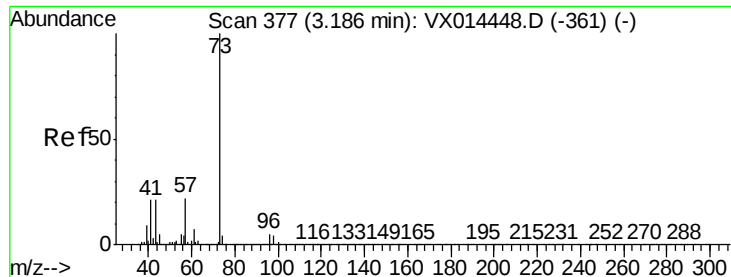
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#18
Methyl Acetate
Concen: 51.593 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





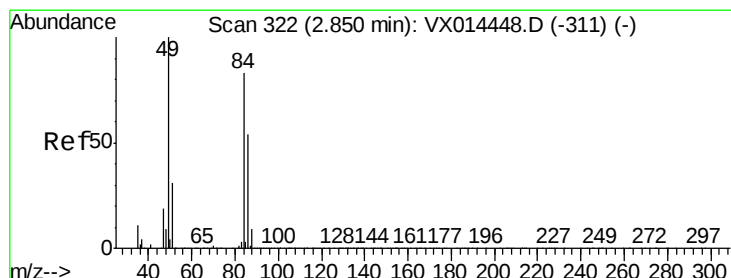
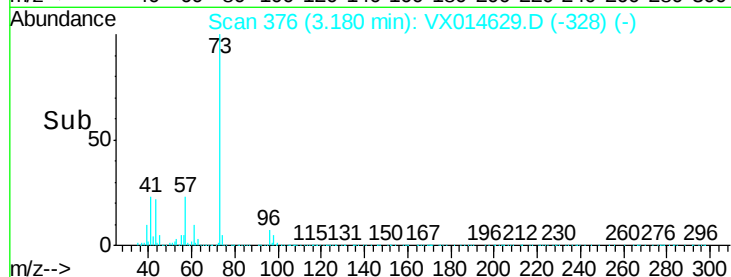
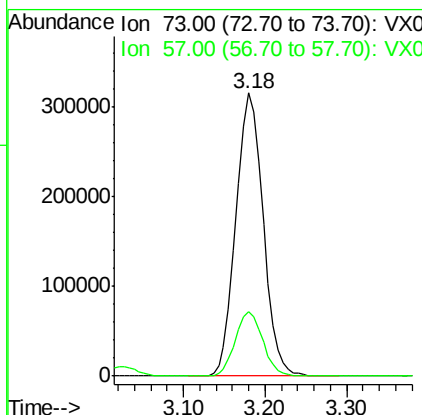
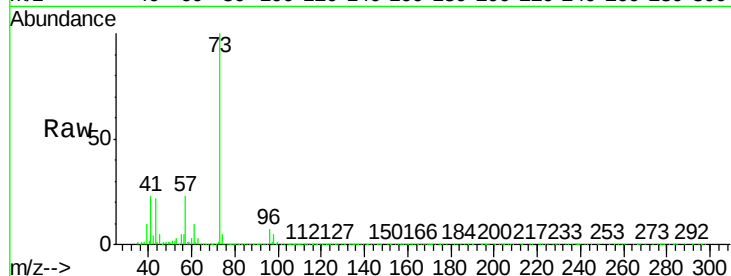
#19
Methyl tert-butyl Ether
Concen: 49.290 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.8

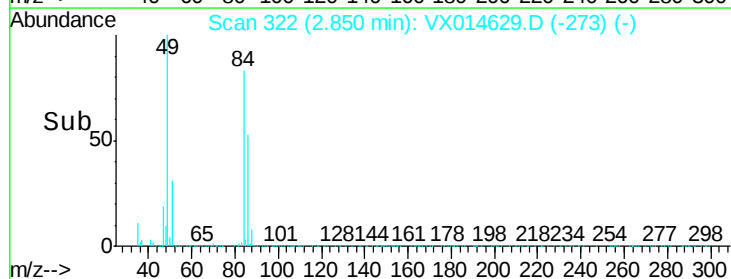
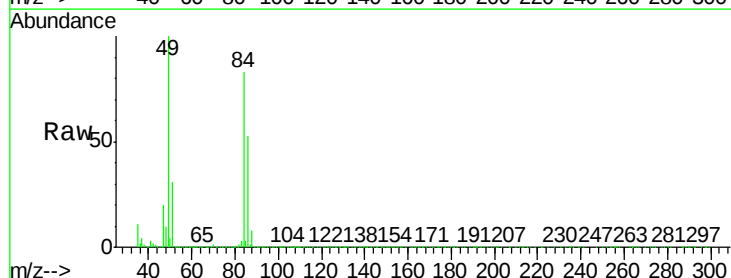
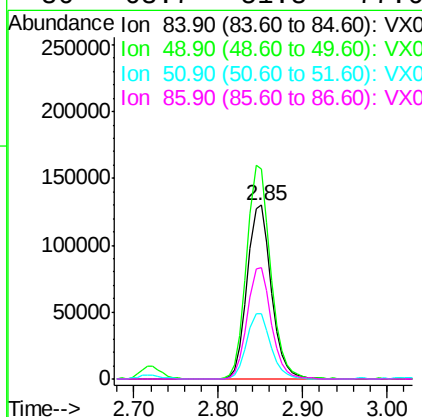
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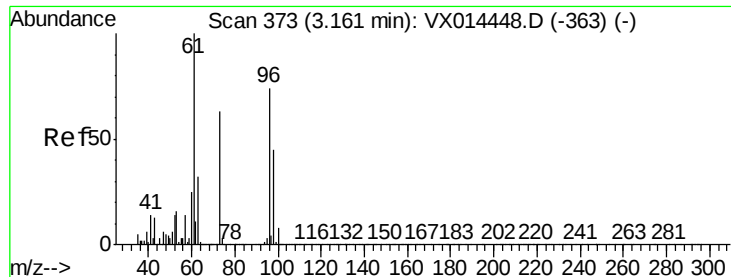
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#20
Methylene Chloride
Concen: 47.801 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	95.8	143.8
51	37.7	30.2	45.4
86	63.7	51.8	77.6





#21

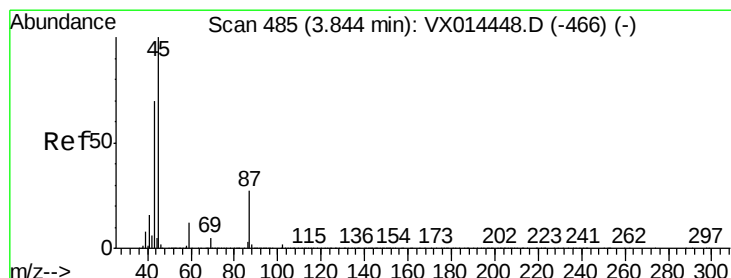
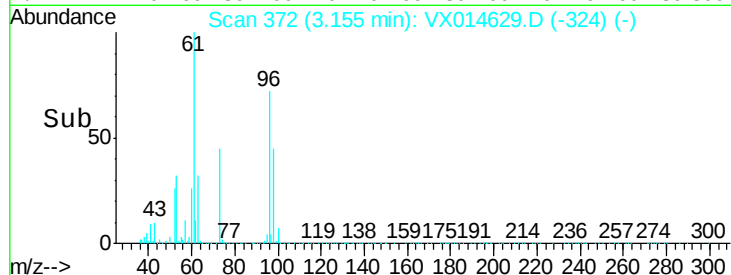
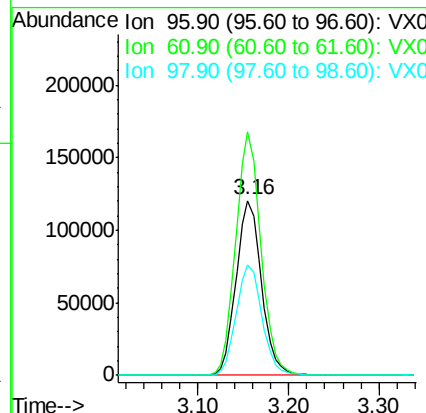
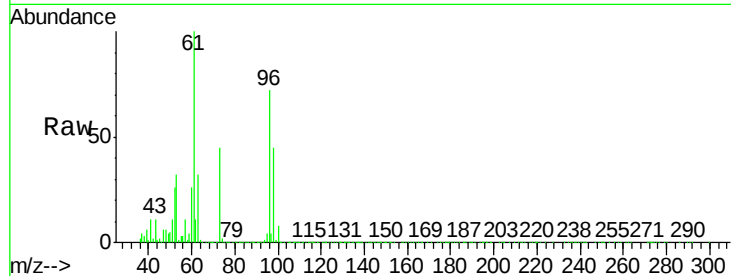
trans-1,2-Dichloroethene
Concen: 46.296 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	108.2	162.4
98	62.8	48.8	73.2

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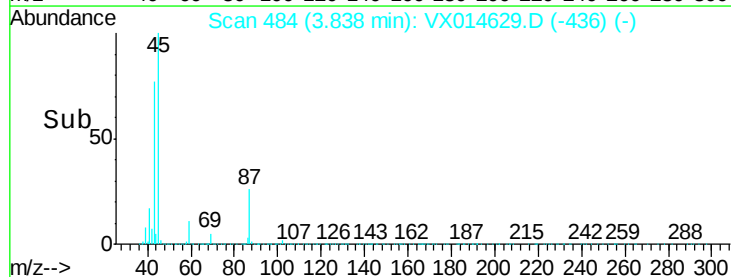
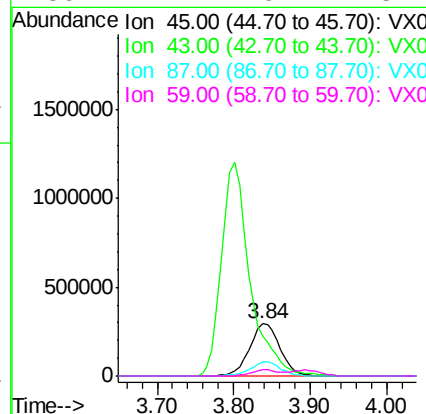
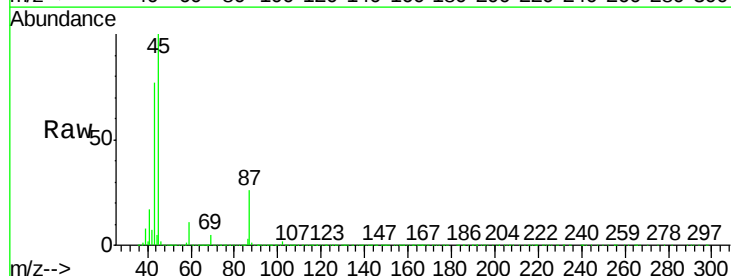
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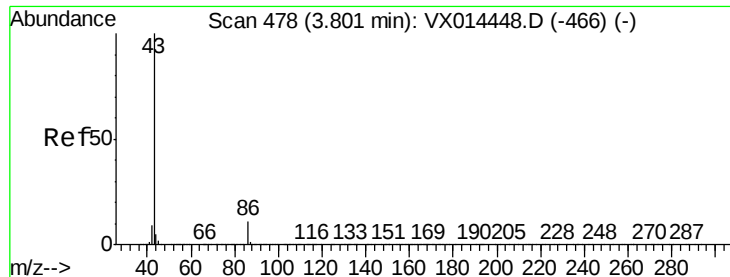


#22

Diisopropyl ether
Concen: 51.716 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	77.3	55.8	83.6
87	26.4	21.8	32.8
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 257.540 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3130262

Ion Ratio Lower Upper

43 100

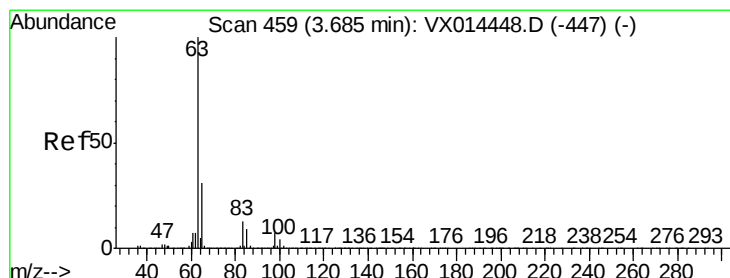
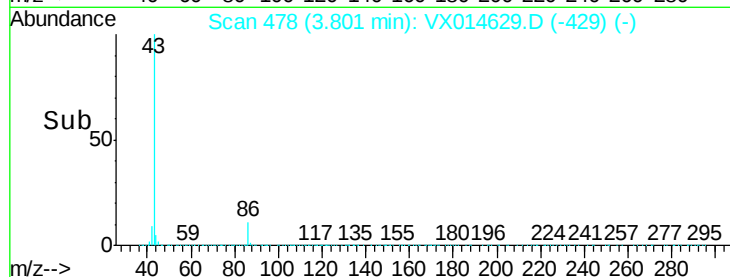
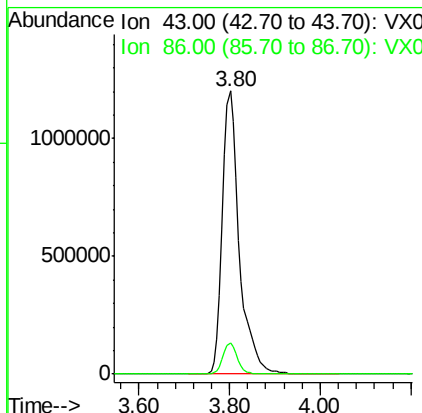
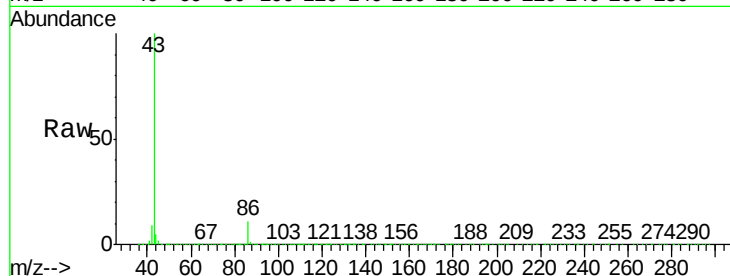
86 10.8 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 50.512 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

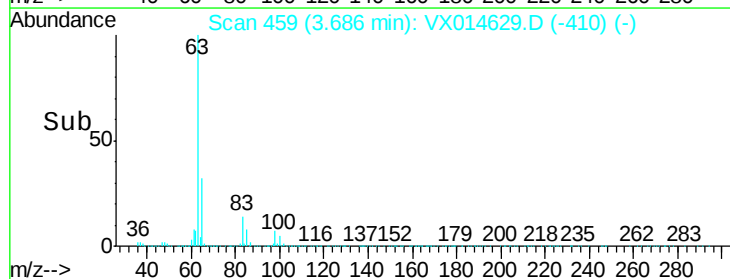
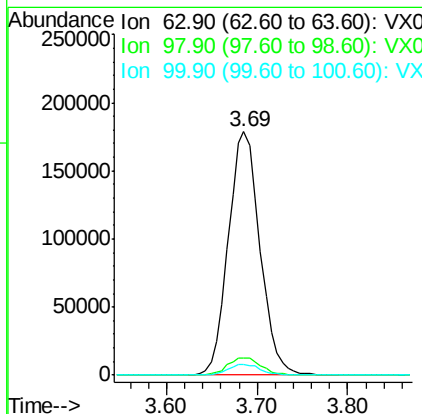
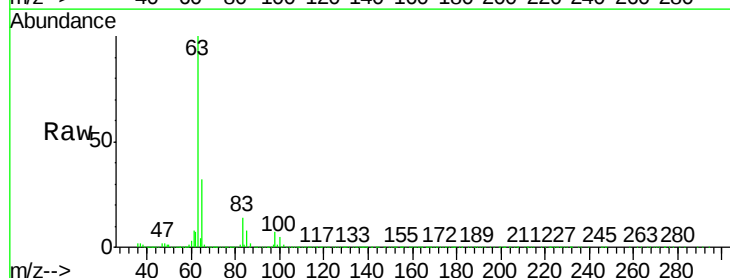
Tgt Ion: 63 Resp: 431385

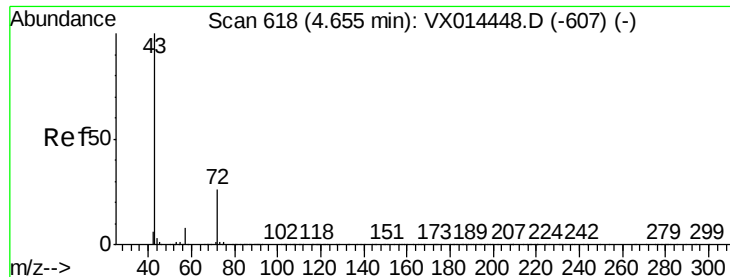
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 246.609 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 963408

Ion Ratio Lower Upper

43 100

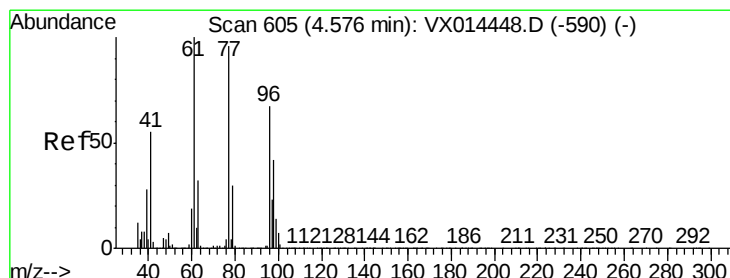
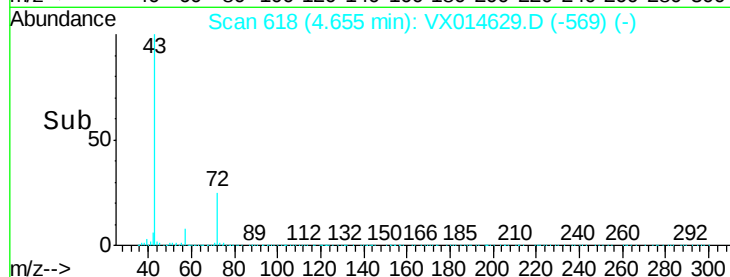
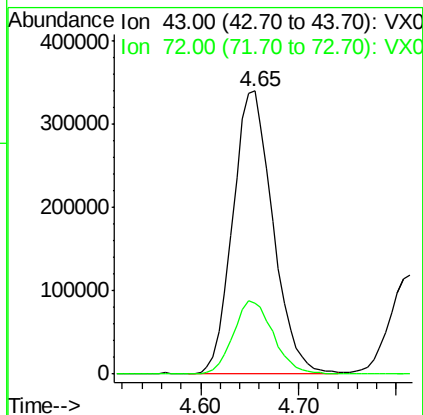
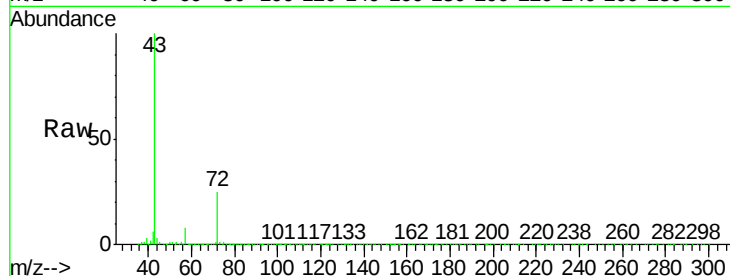
72 24.7 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.913 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014629.D

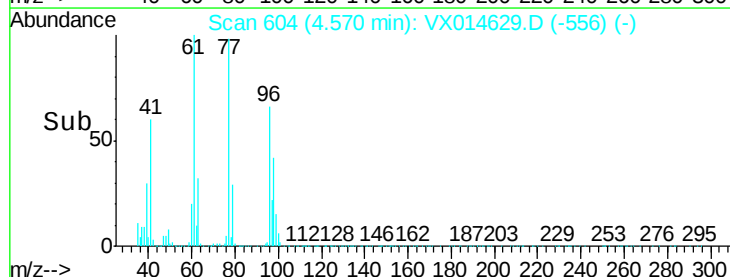
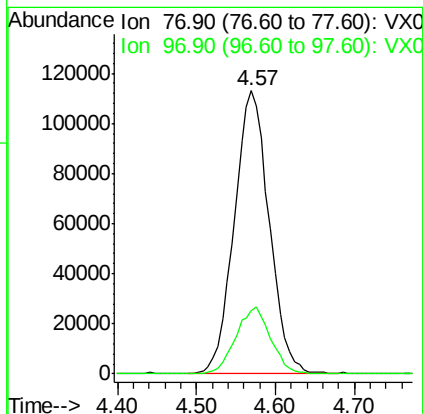
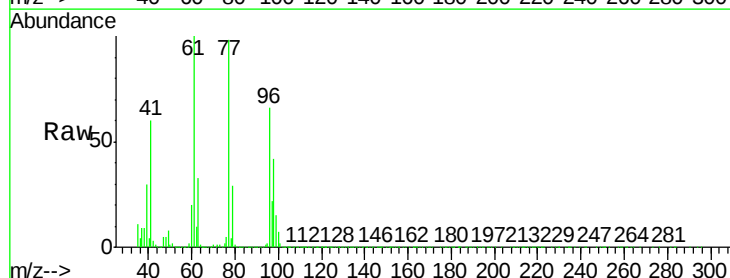
Acq: 16 Jan 2020 10:46

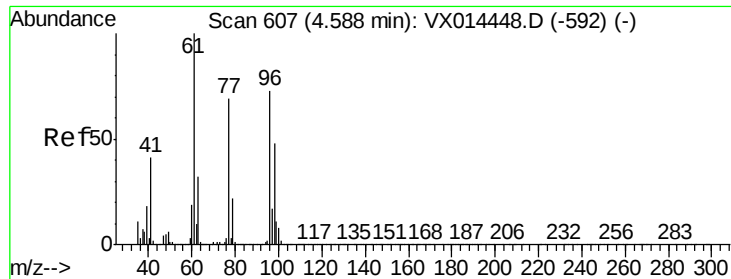
Tgt Ion: 77 Resp: 346632

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1





#27

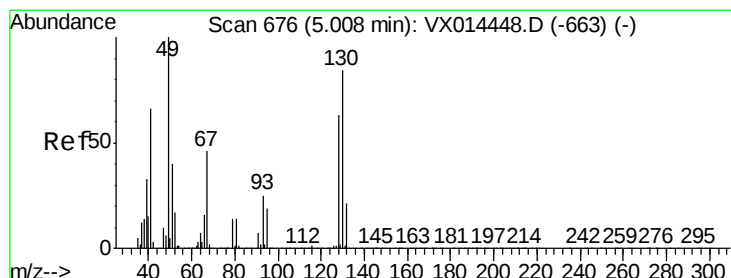
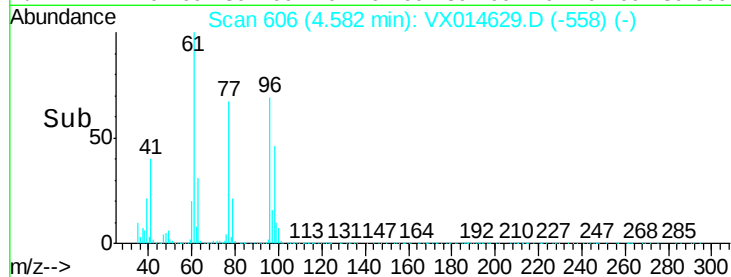
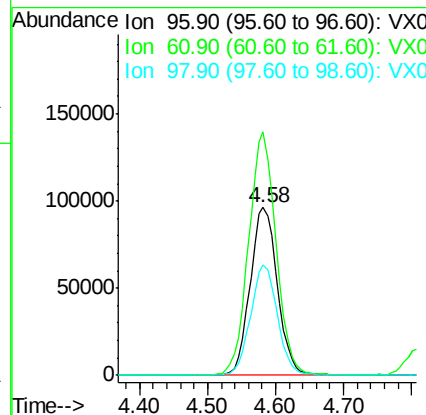
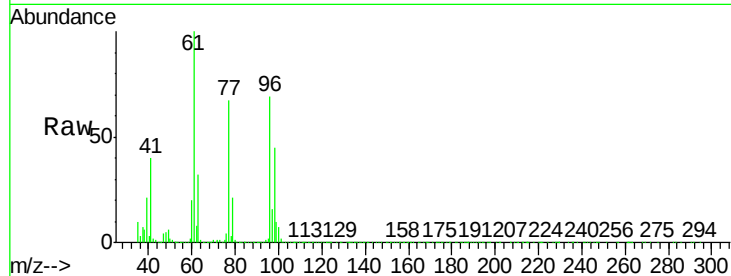
cis-1,2-Dichloroethene
Concen: 47.525 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	268369		
61	145.6	0.0	285.4	
98	64.7	0.0	130.6	

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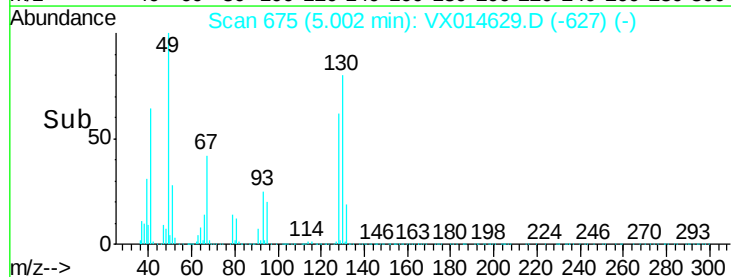
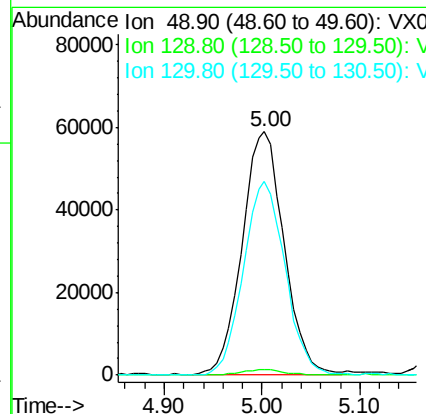
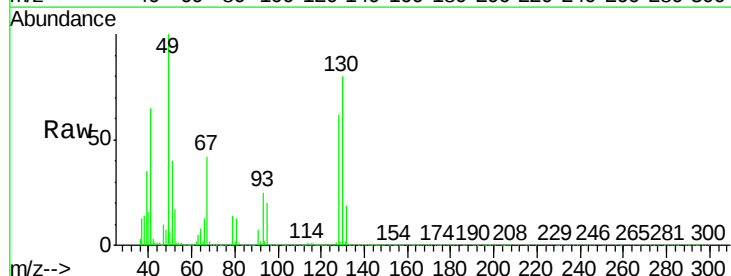
MMDadoda
1/17/2020 11:23:24 AM



#28

Bromochloromethane
Concen: 48.656 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175095		
129	2.5	0.0	4.4	
130	79.6	67.0	100.4	





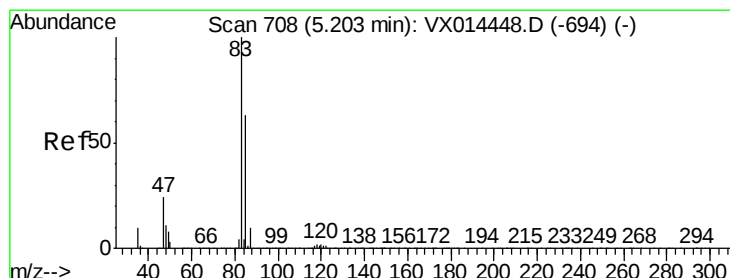
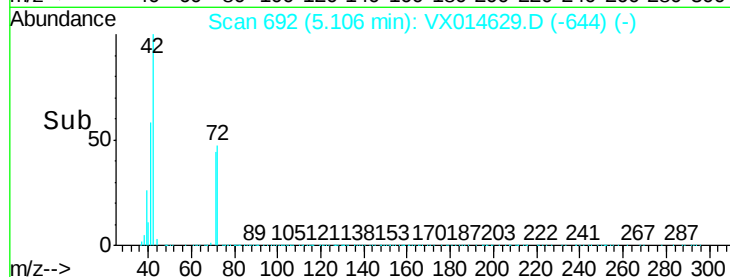
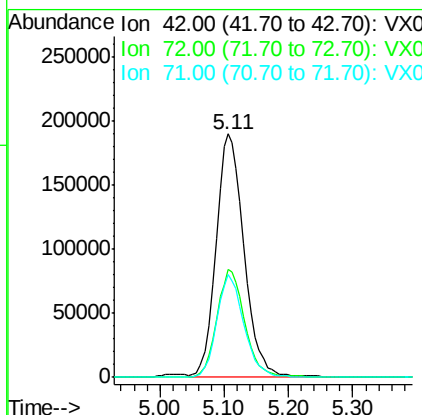
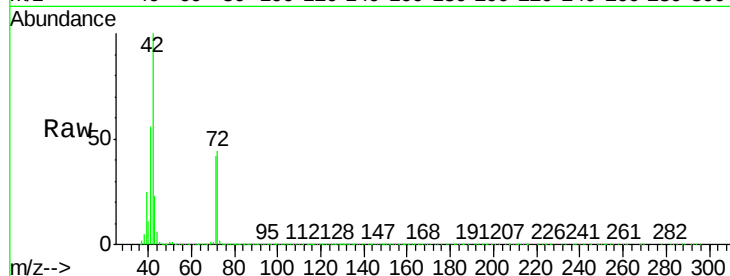
#29
Tetrahydrofuran
Concen: 249.460 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.2	54.4
71	40.9	34.1	51.1

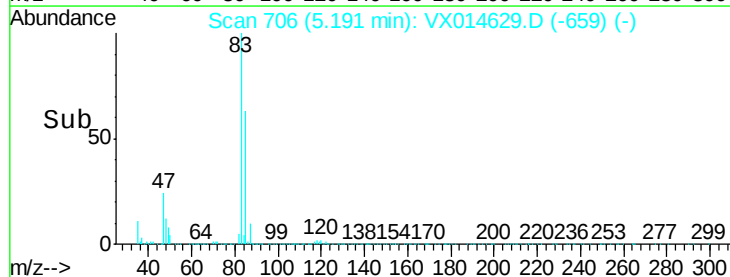
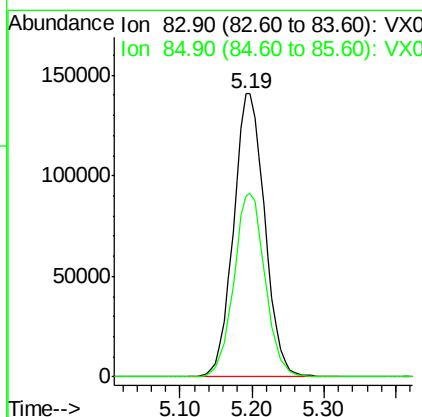
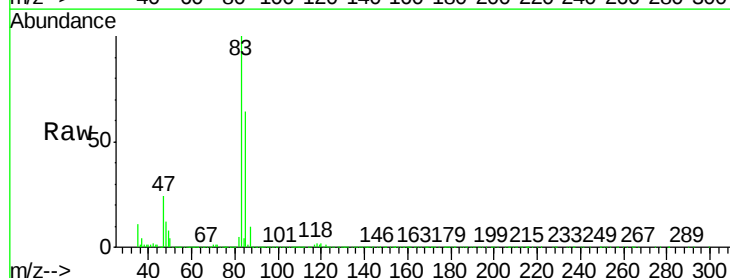
Manual Integrations
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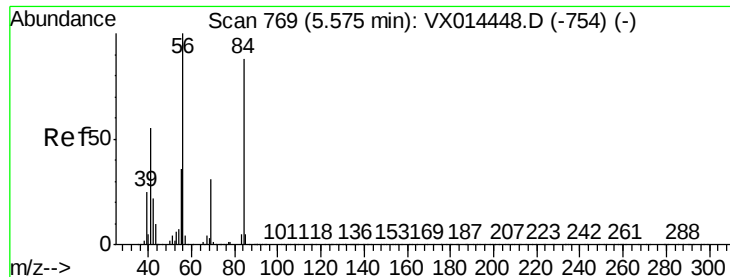
MMDadoda
1/17/2020 11:23:24 AM



#30
Chloroform
Concen: 50.518 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	75.8





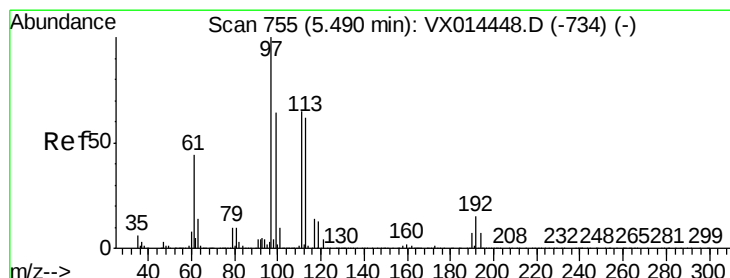
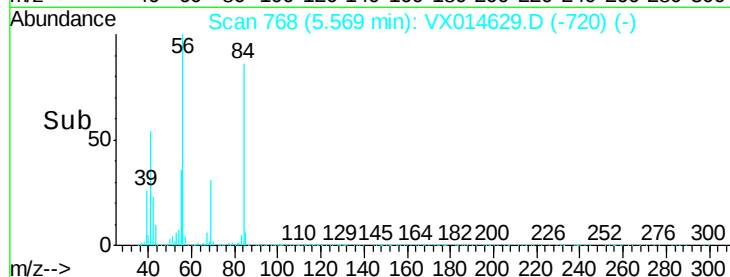
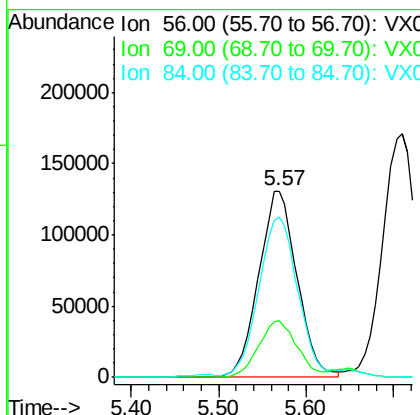
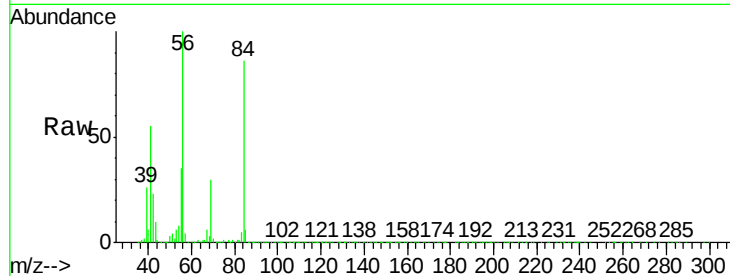
#31
Cyclohexane
Concen: 49.779 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	85.1	70.6	106.0

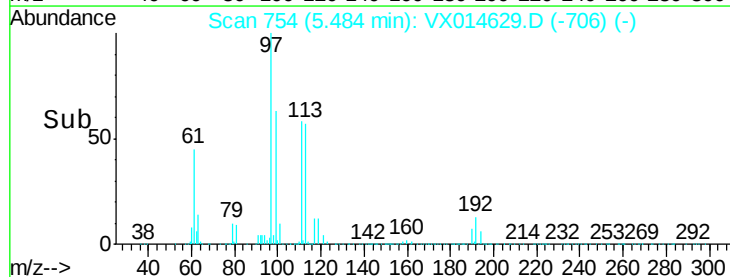
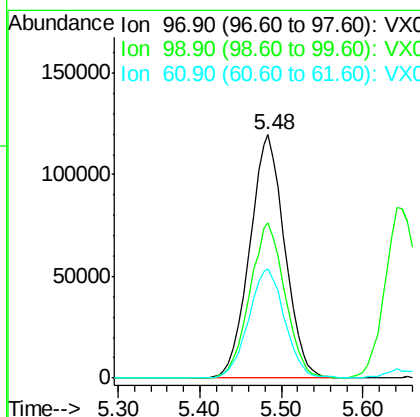
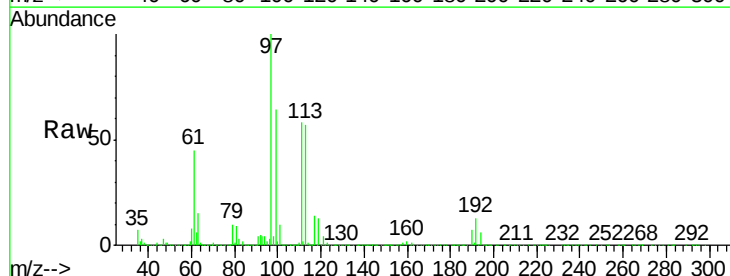
Manual Integrations
APPROVED

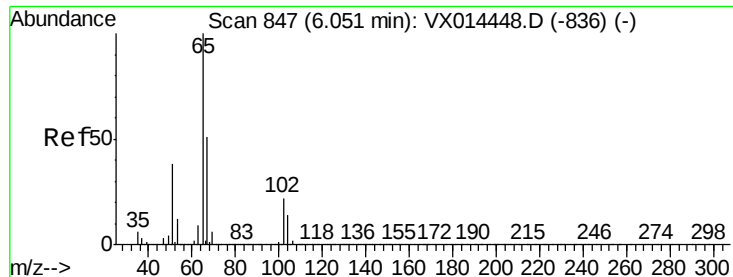
MMDadoda
1/17/2020 11:23:24 AM



#32
1,1,1-Trichloroethane
Concen: 49.884 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	46.0	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 45.170 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 236236

Ion Ratio Lower Upper

65 100

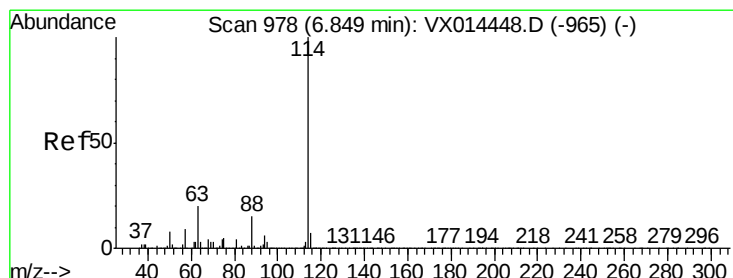
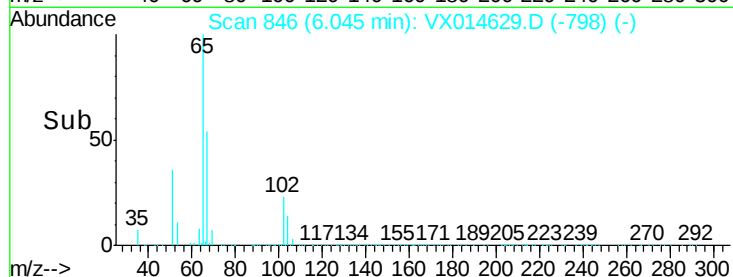
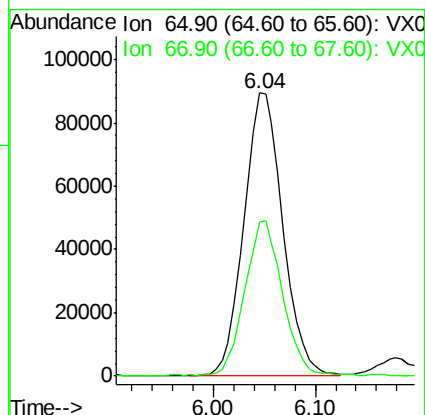
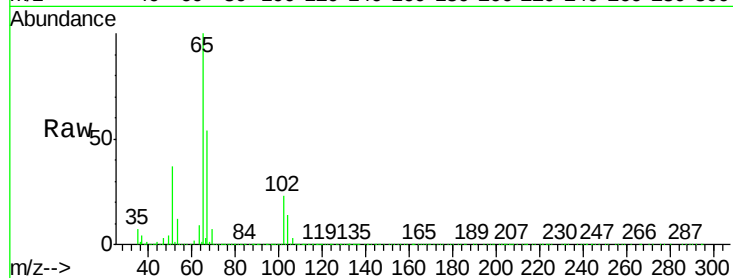
67 52.9 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

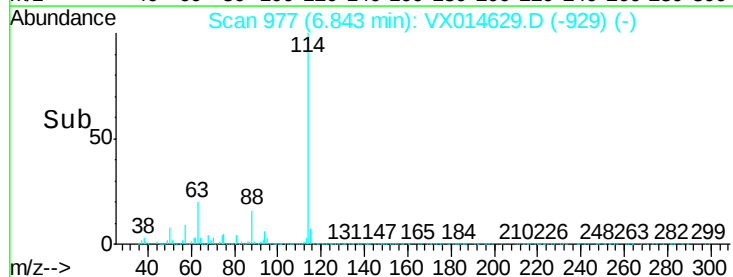
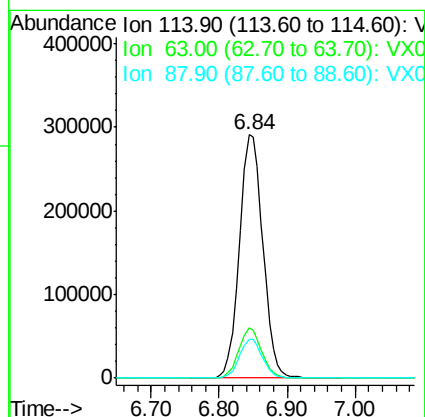
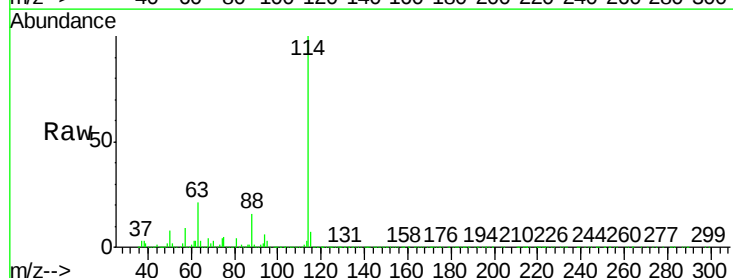
Tgt Ion: 114 Resp: 694974

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.164 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

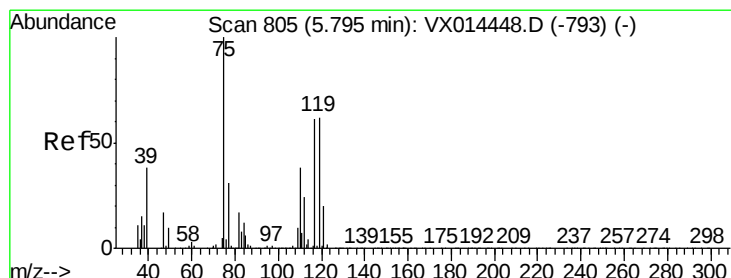
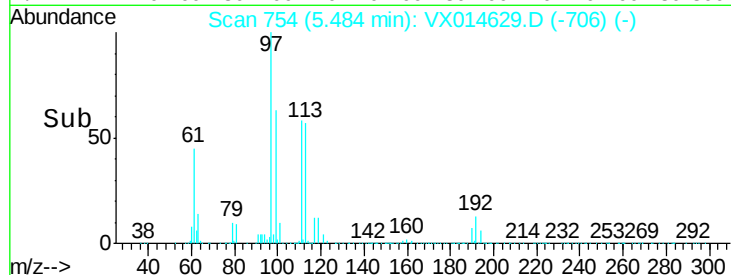
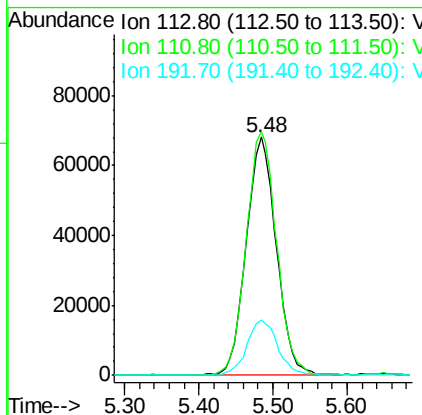
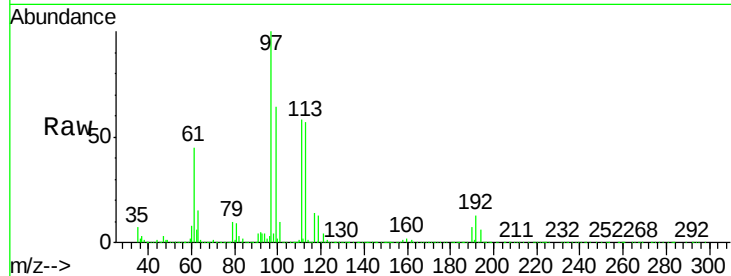
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	194210
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.5	122.3
192	23.9	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 49.126 ug/l

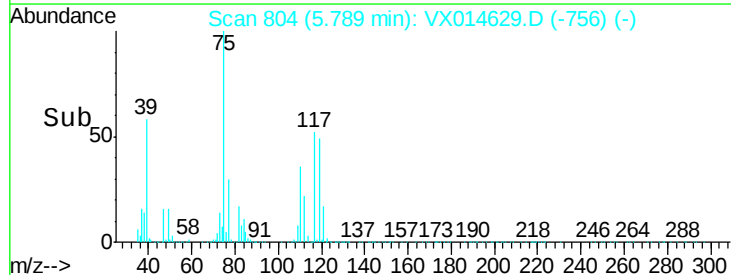
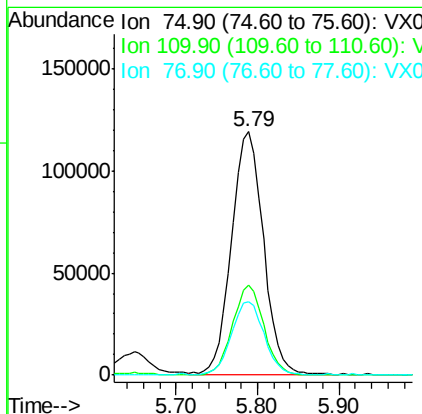
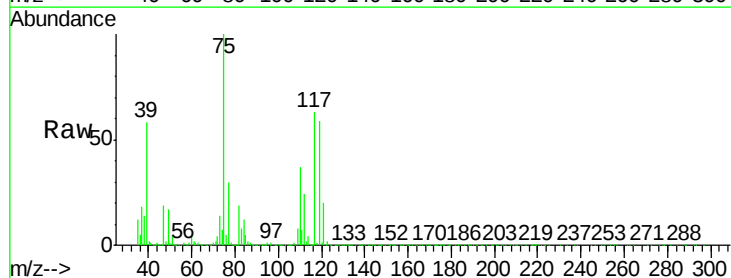
RT: 5.79 min Scan# 804

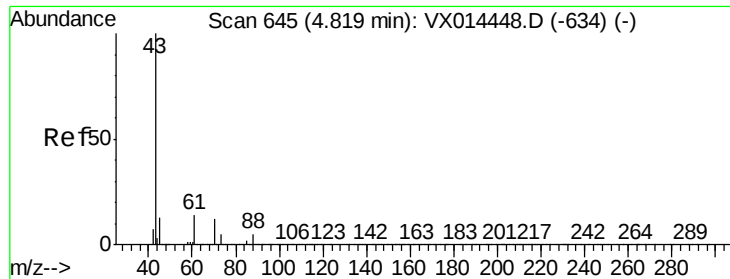
Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion:	75	Resp:	321064
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.6	55.8
77	30.6	24.5	36.7





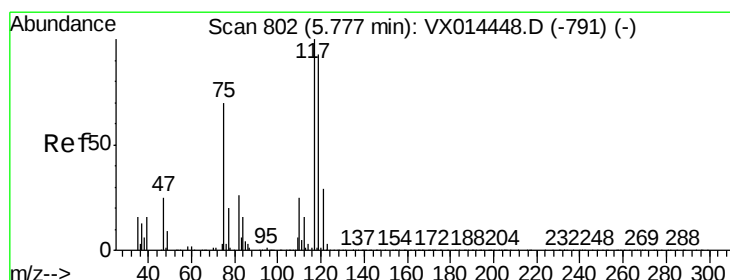
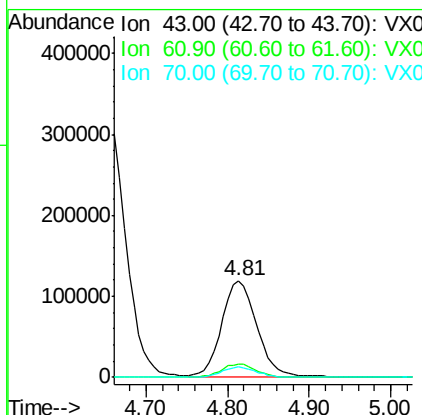
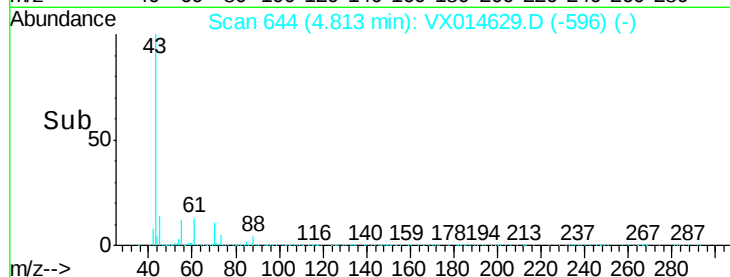
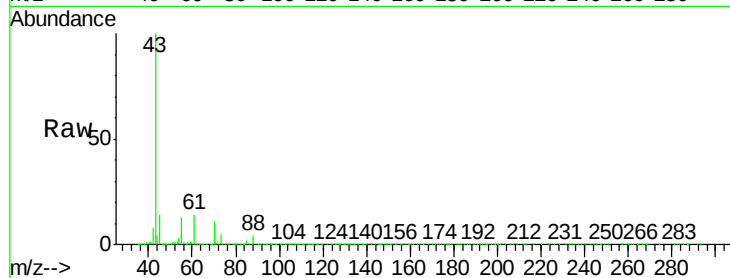
#37
Ethyl Acetate
Concen: 49.627 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.1	16.7
70	10.3	8.9	13.3

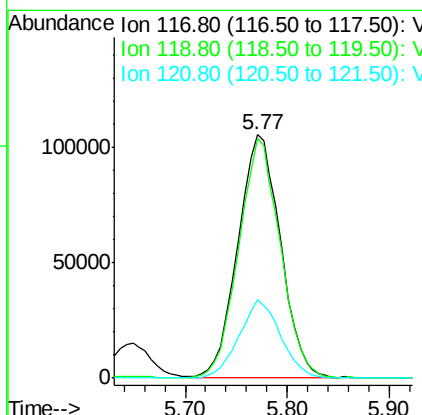
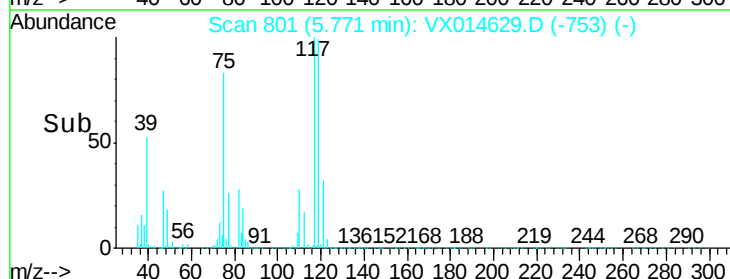
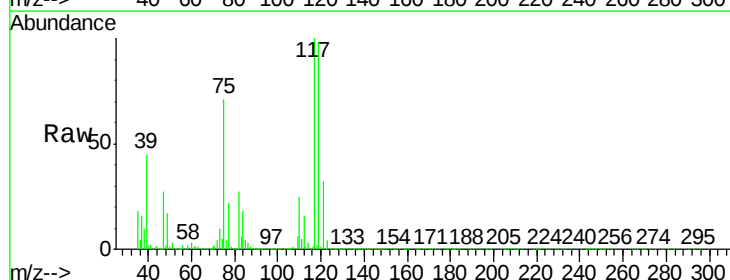
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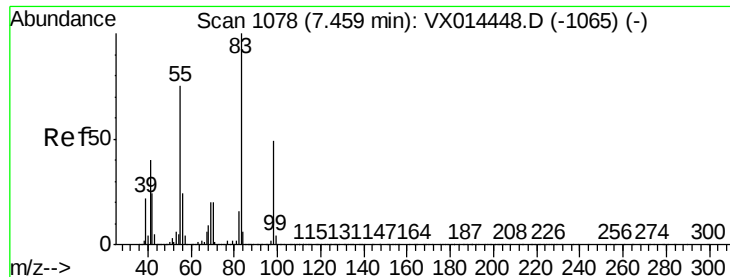
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#38
Carbon Tetrachloride
Concen: 50.403 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	73.8	110.8
121	32.0	23.4	35.0





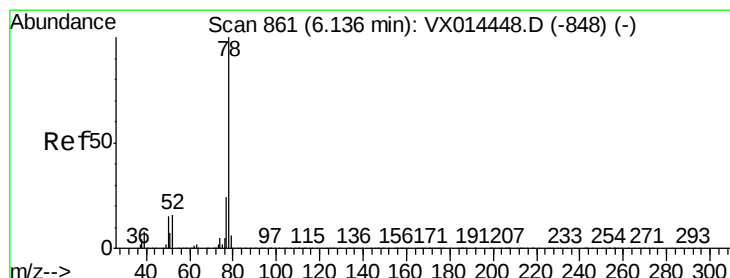
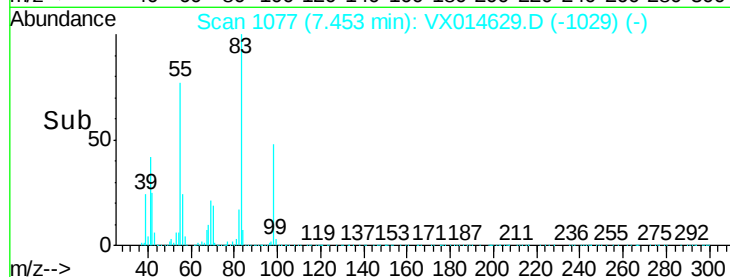
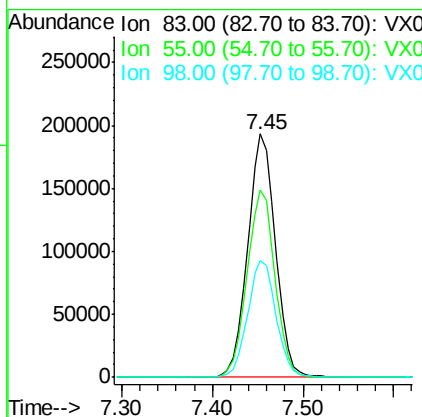
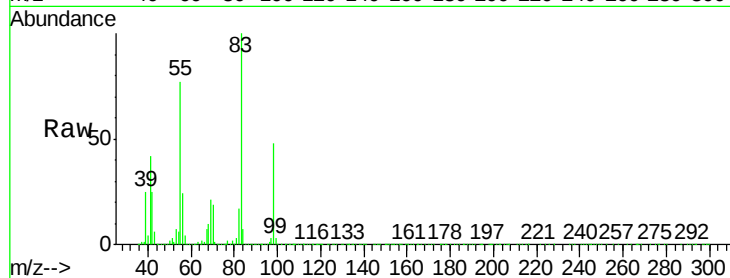
#39
Methvlcvclohexane
Concen: 49.801 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	59.7	89.5
98	47.9	39.1	58.7

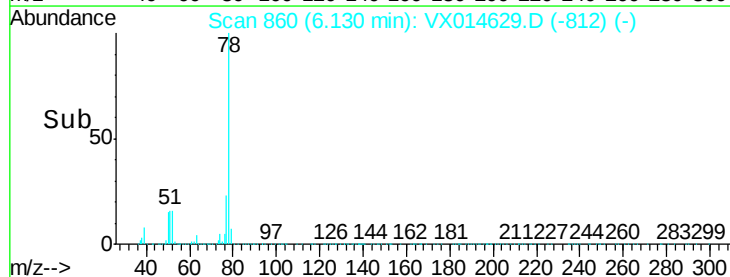
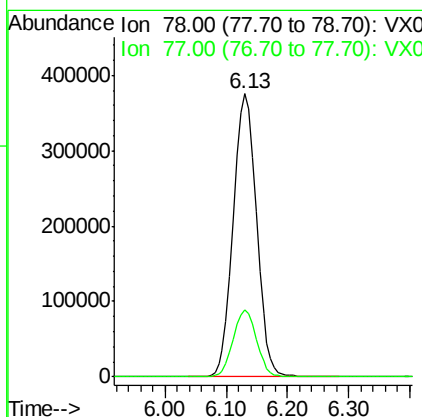
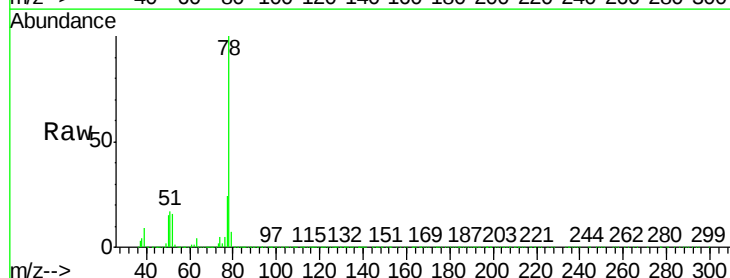
Manual Integrations
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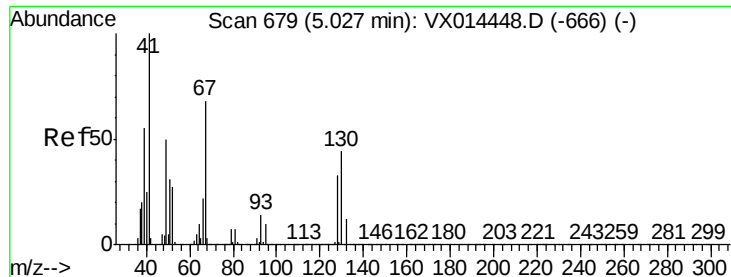
MMDadoda
1/17/2020 11:23:24 AM



#40
Benzene
Concen: 50.734 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





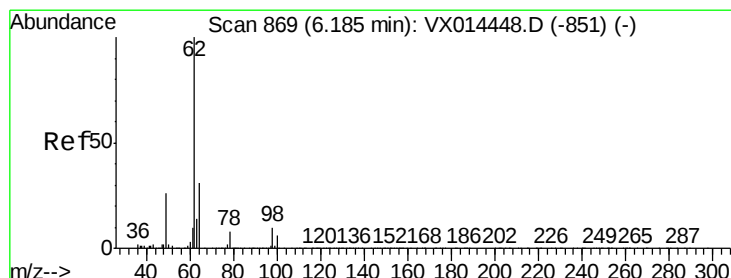
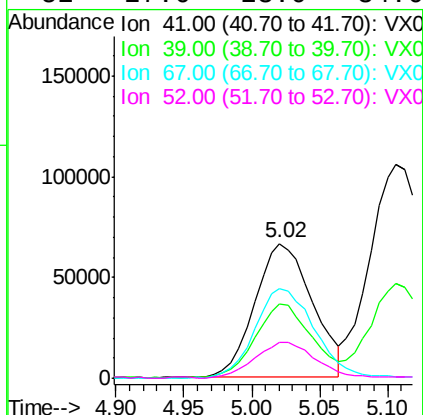
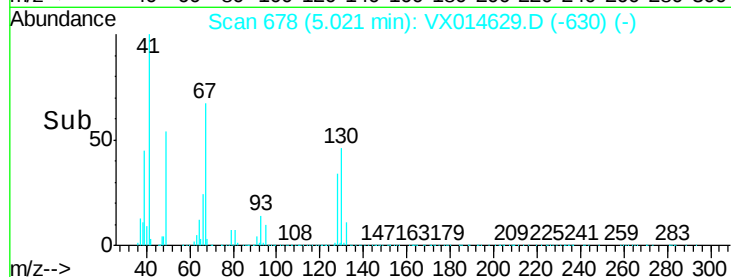
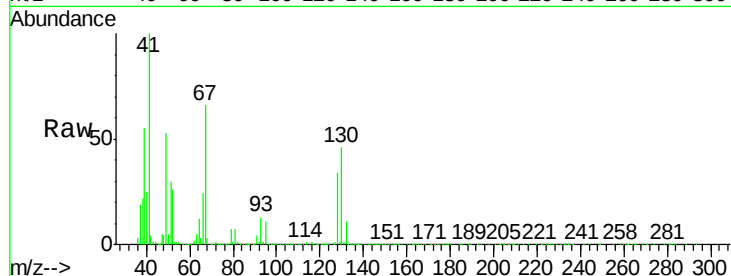
#41
Methacrylonitrile
Concen: 52.144 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		197404		
39	53.9	43.6	65.4		
67	68.9	57.9	86.9		
52	27.6	23.0	34.6		

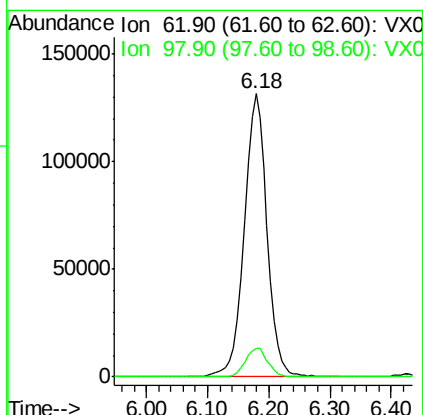
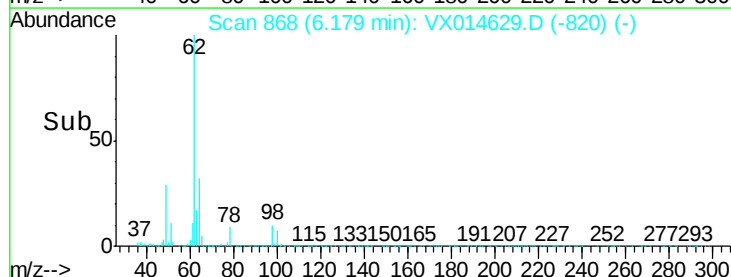
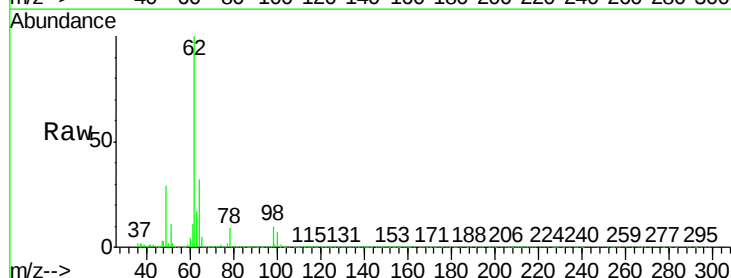
Manual Integrations
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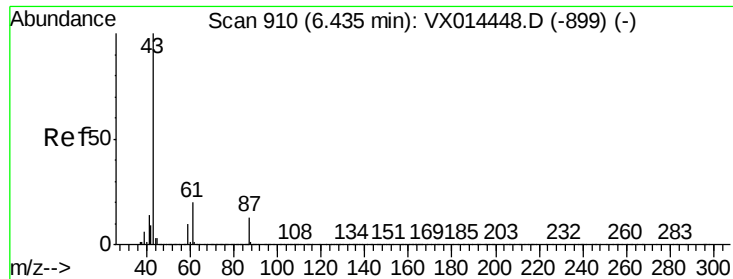
MMDadoda
1/17/2020 11:23:24 AM



#42
1,2-Dichloroethane
Concen: 50.076 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		339627		
98	9.8	0.0	20.4		





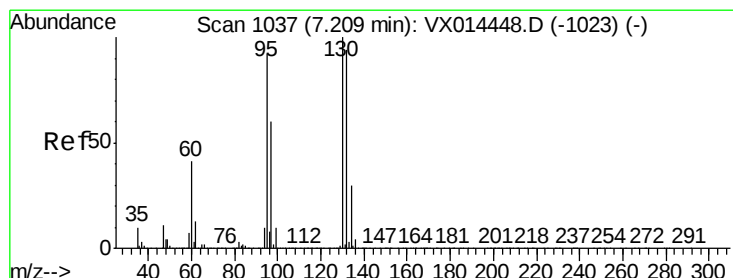
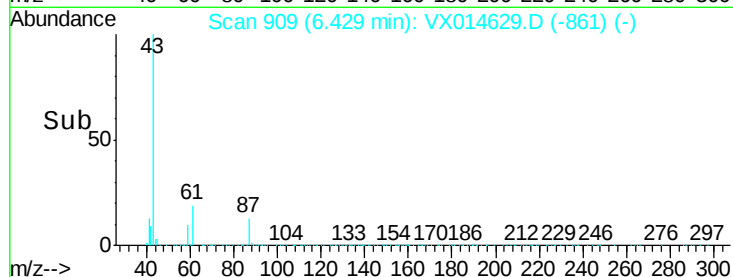
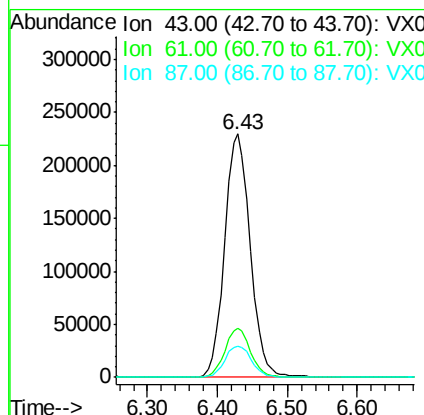
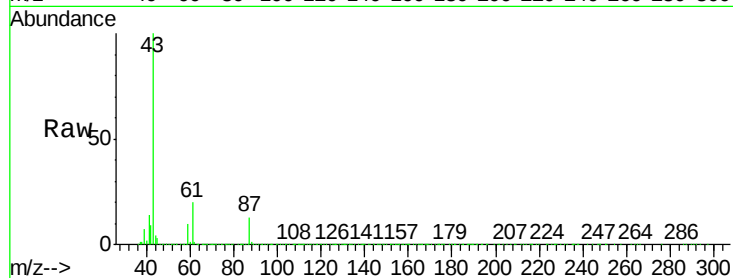
#43
Isopropyl Acetate
Concen: 50.423 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.2	10.8	16.2

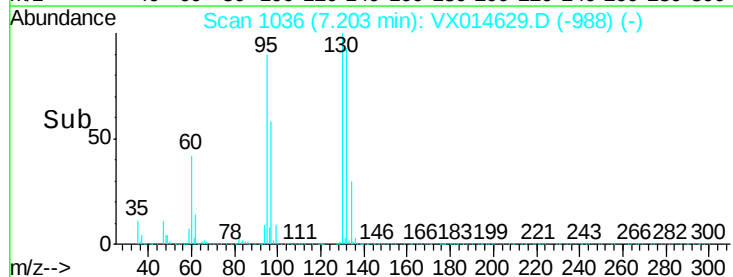
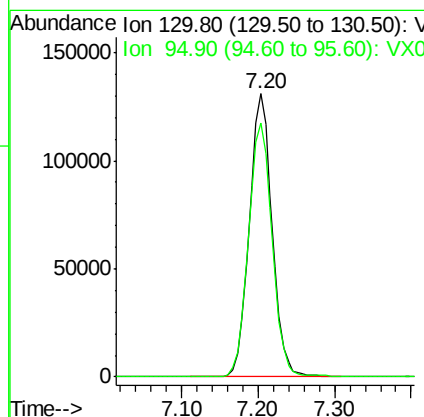
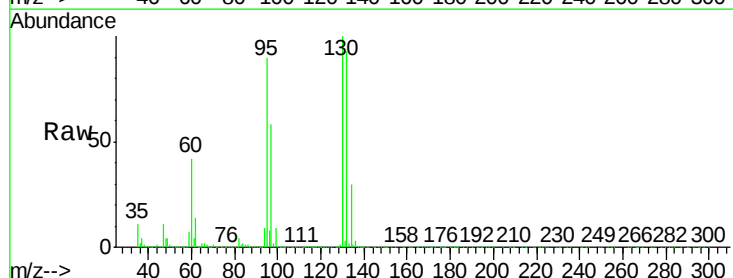
Manual Integrations
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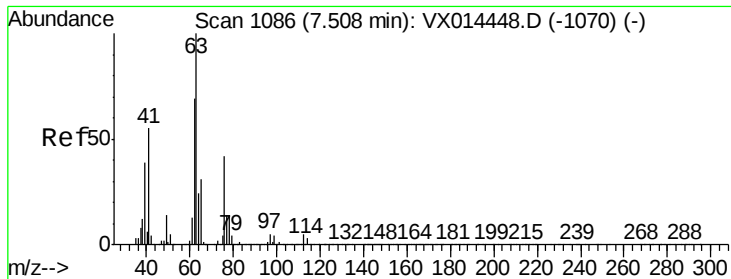
MMDadoda
1/17/2020 11:23:24 AM



#44
Trichloroethene
Concen: 48.713 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	184.2





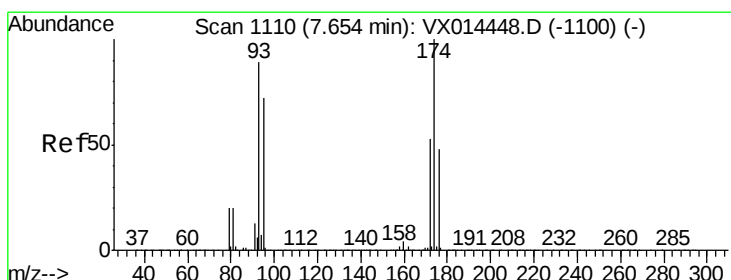
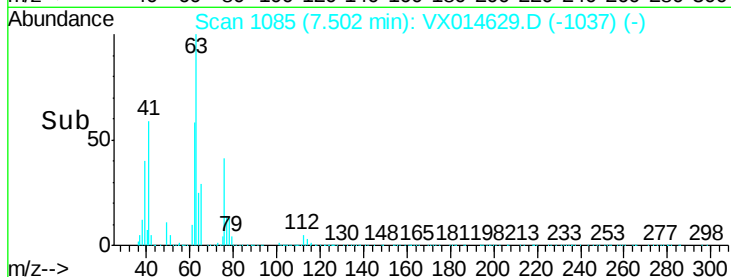
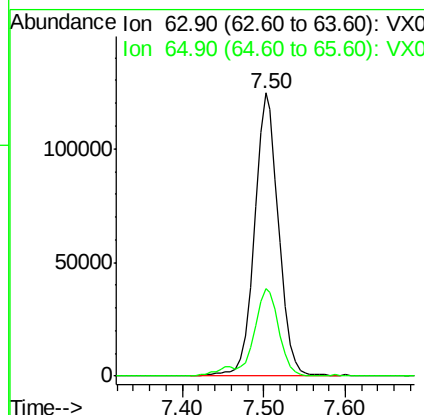
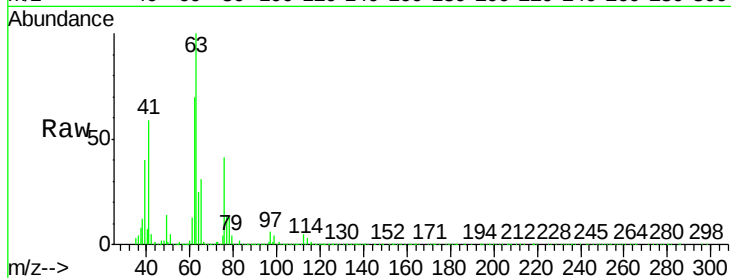
#45
 1,2-Dichloropropane
 Concen: 51.662 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.8	37.2

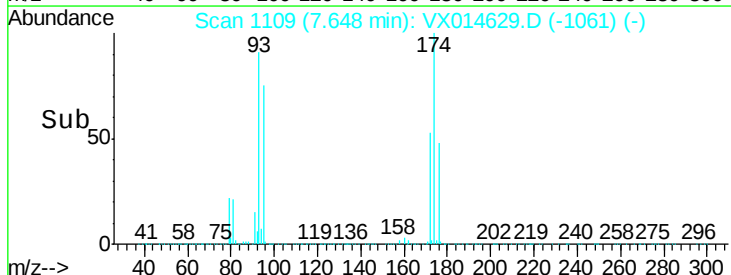
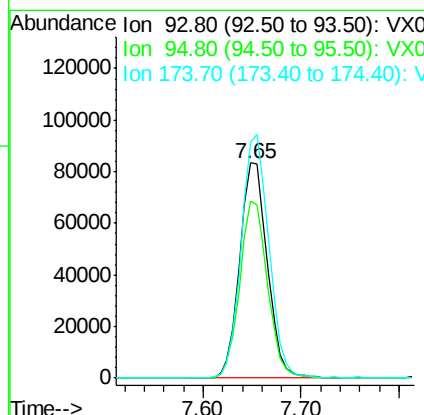
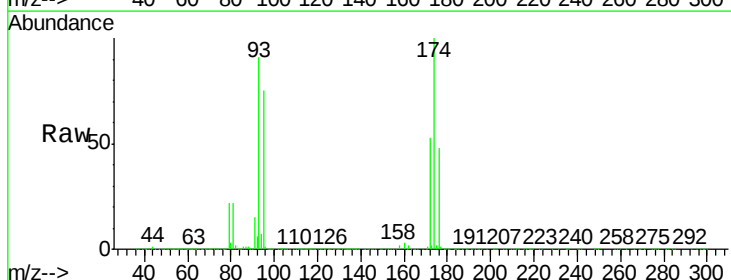
Manual Integrations
 APPROVED

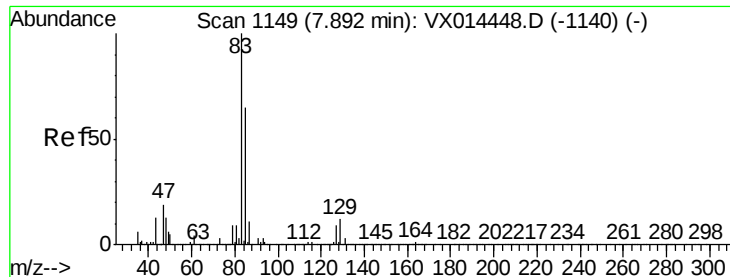
MMDadoda
 1/17/2020 11:23:24 AM



#46
 Dibromomethane
 Concen: 47.325 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.4	98.2
174	113.4	93.0	139.4





#47

Bromodichloromethane

Concen: 52.324 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

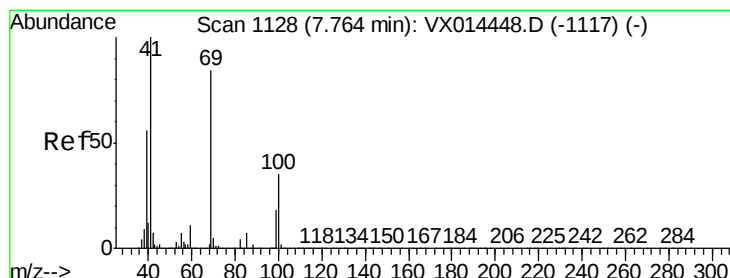
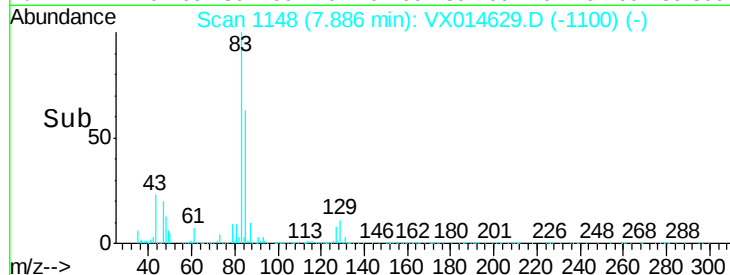
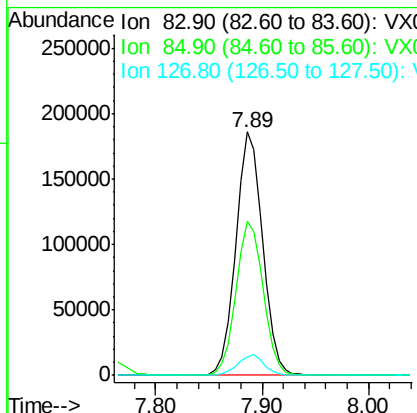
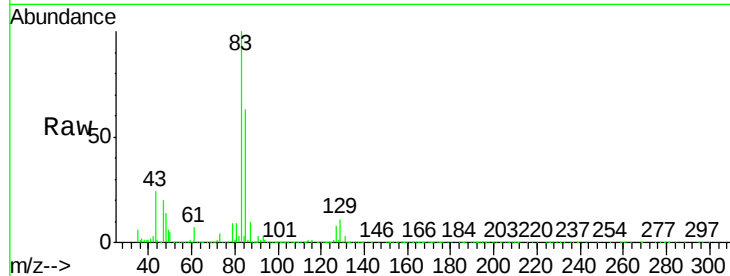
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	328631
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.7	77.5
127	7.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.103 ug/l

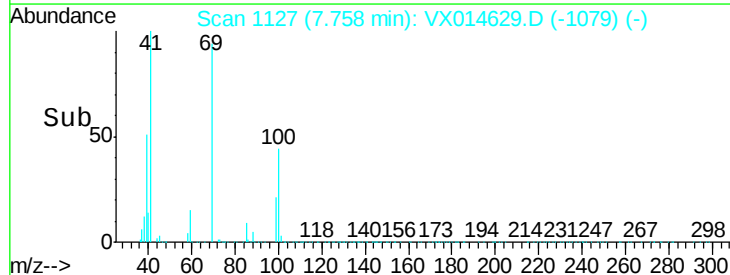
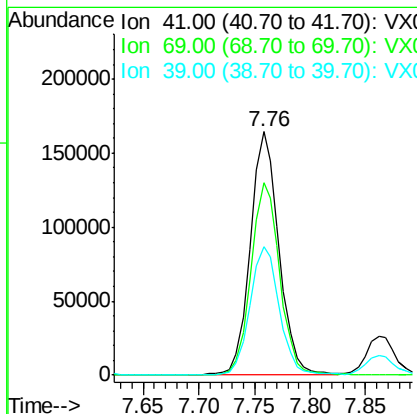
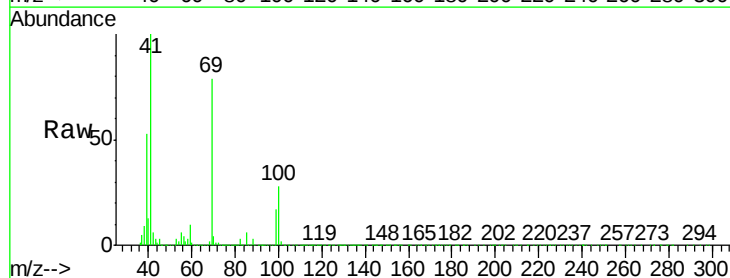
RT: 7.76 min Scan# 1127

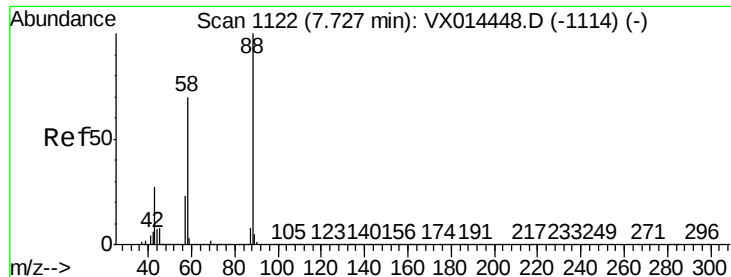
Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion	41	Resp	291671
Ion Ratio	Lower	Upper	
41	100		
69	79.9	65.5	98.3
39	54.1	43.9	65.9





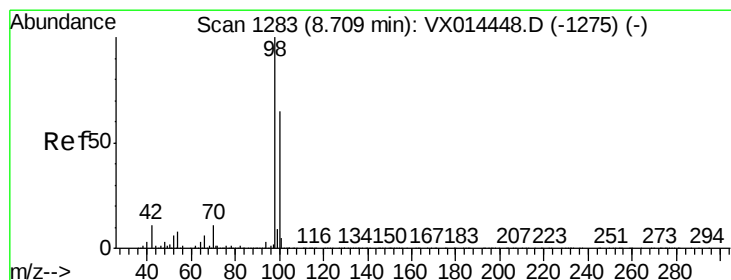
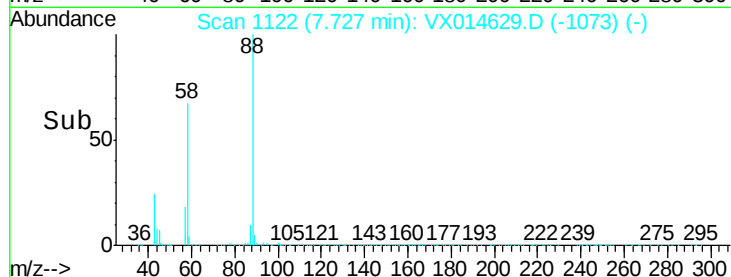
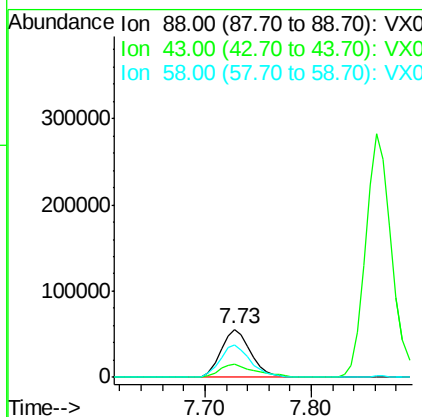
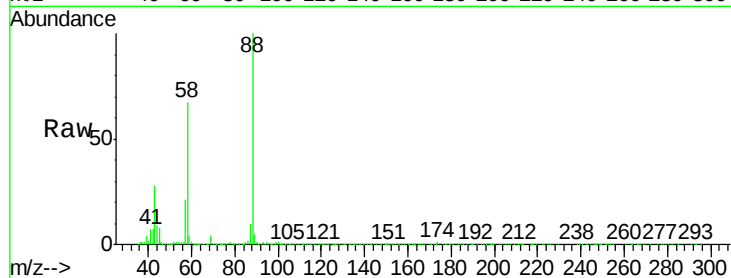
#49
1,4-Dioxane
Concen: 917.115 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.4	41.0
58	69.4	57.1	85.7

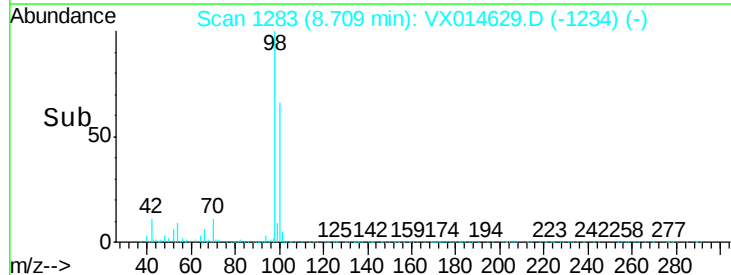
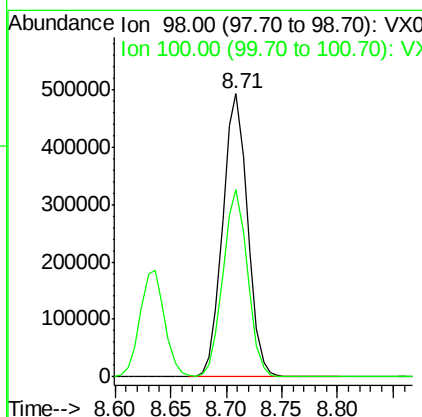
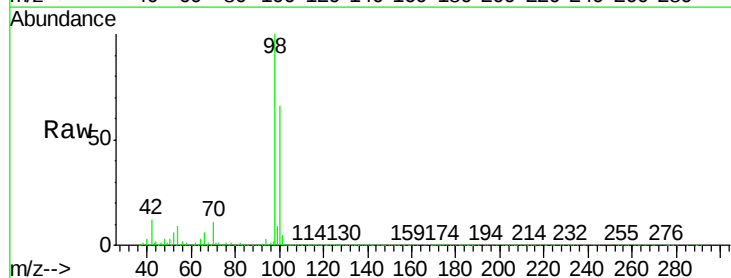
Manual Integrations
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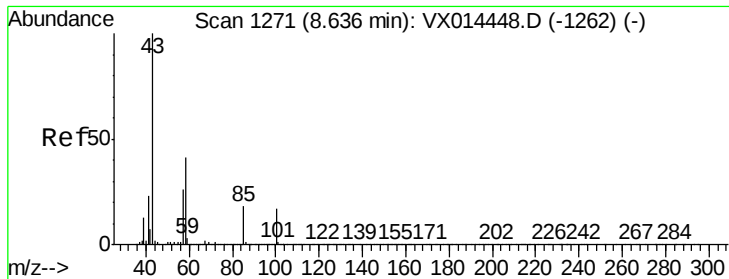
MMDadoda
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#50
Toluene-d8
Concen: 46.553 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 257.111 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1796754

Ion Ratio Lower Upper

43 100

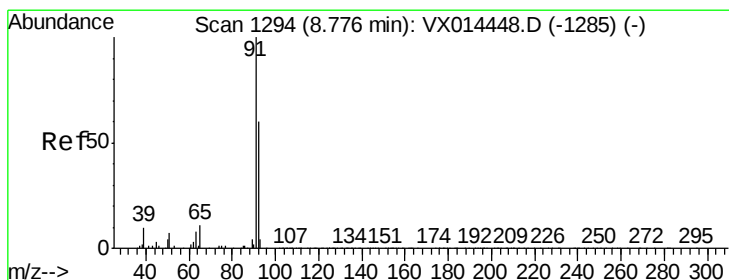
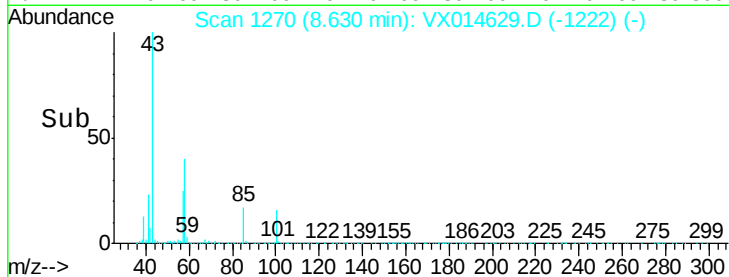
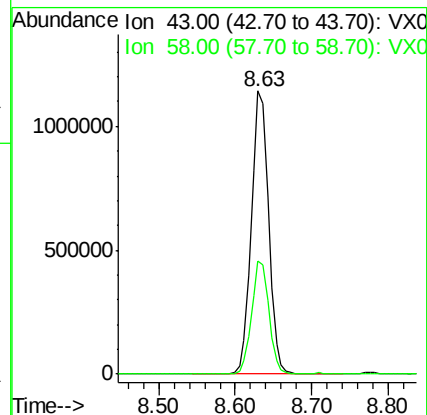
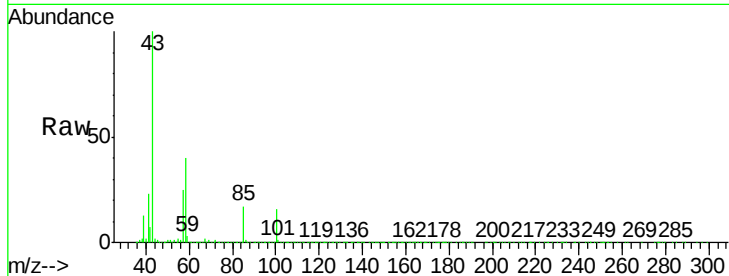
58 39.8 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 49.574 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014629.D

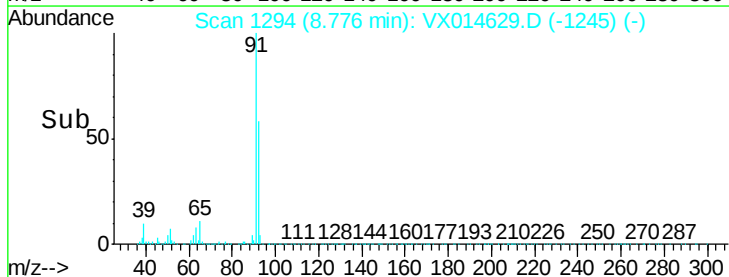
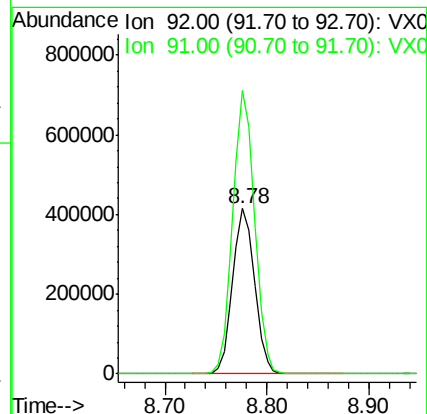
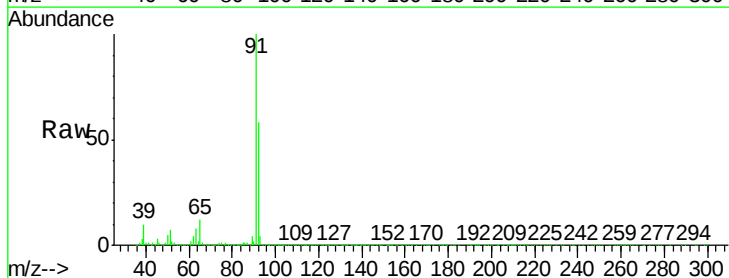
Acq: 16 Jan 2020 10:46

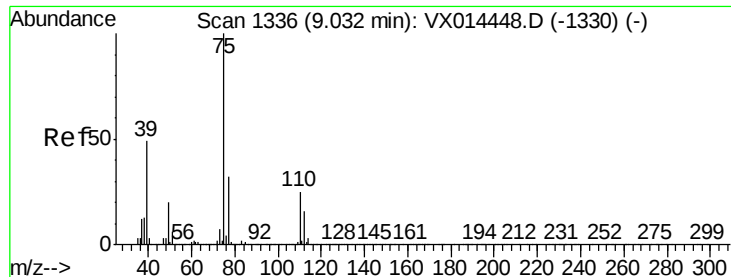
Tgt Ion: 92 Resp: 615569

Ion Ratio Lower Upper

92 100

91 170.9 135.7 203.5





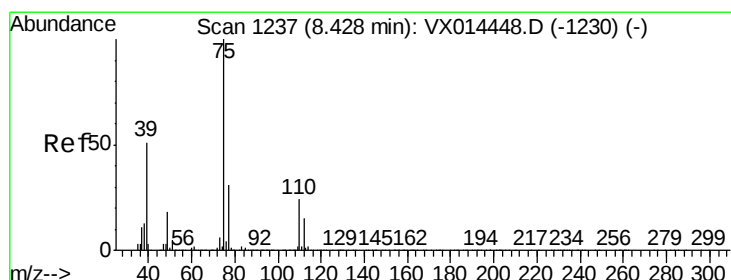
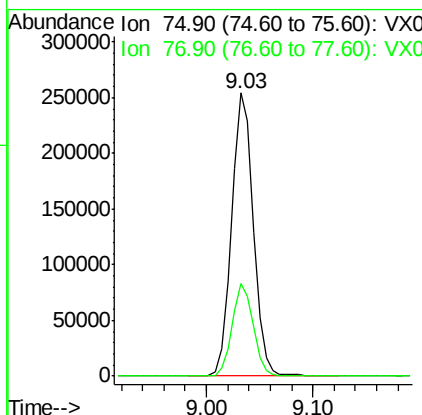
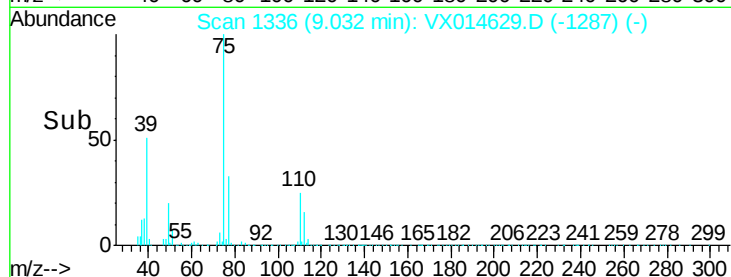
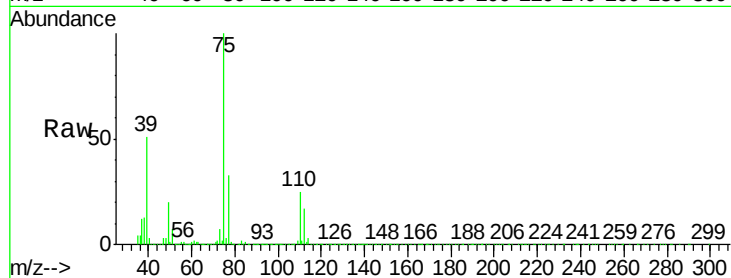
#53
t-1,3-Dichloropropene
Concen: 49.669 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.2

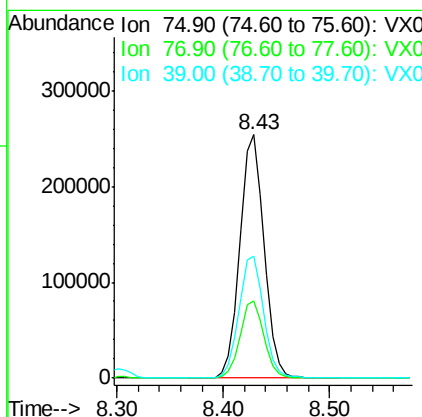
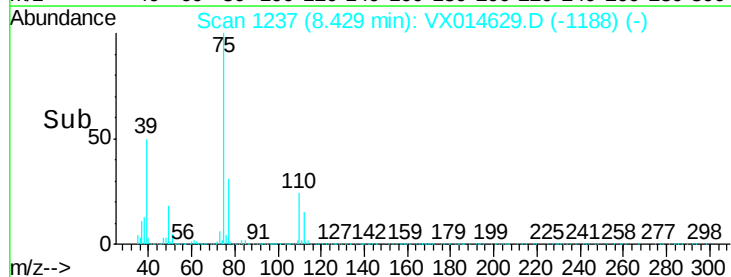
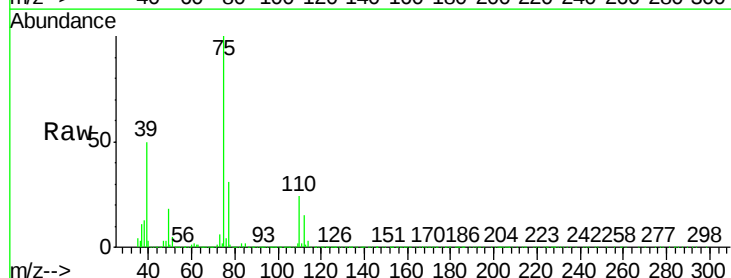
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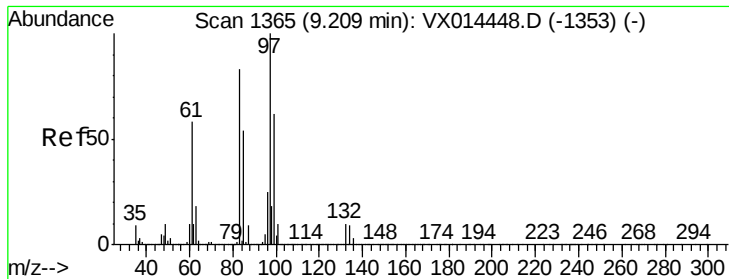
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.518 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4
39	49.8	40.7	61.1





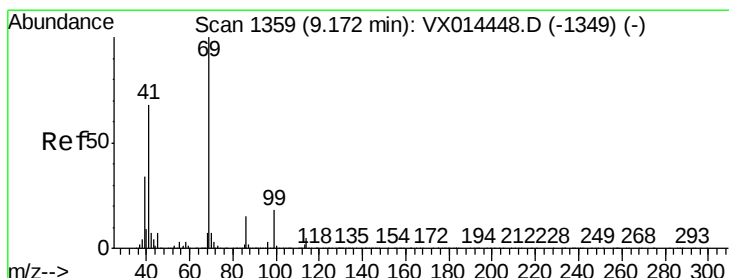
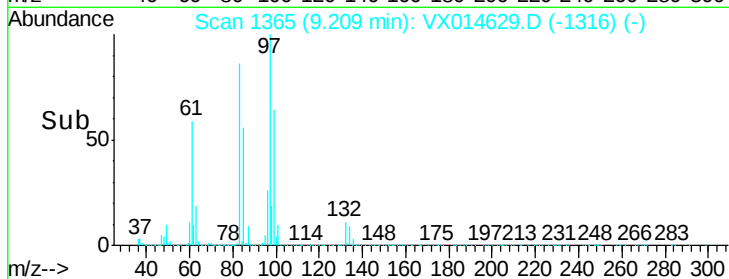
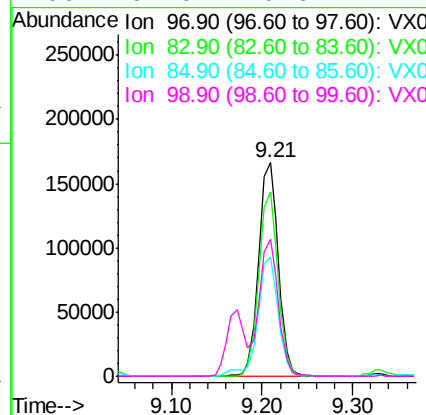
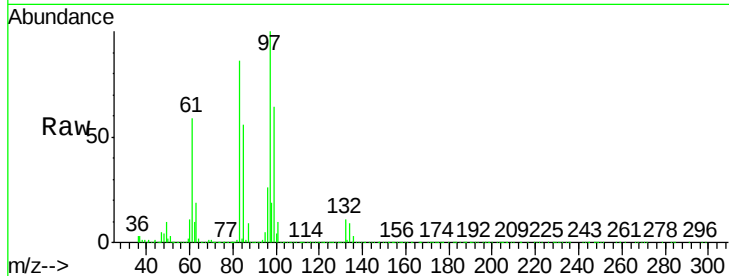
#55
 1,1,2-Trichloroethane
 Concen: 50.301 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		250875		
83	86.0	66.4	99.6		
85	55.8	43.4	65.2		
99	64.0	49.6	74.4		

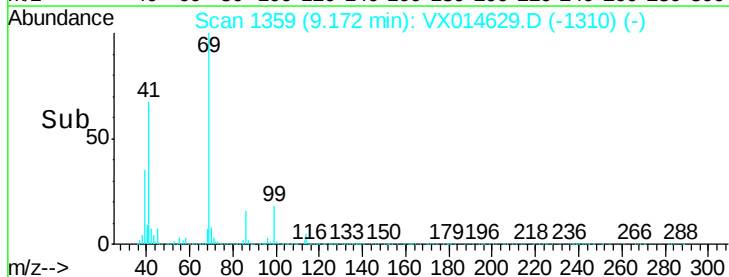
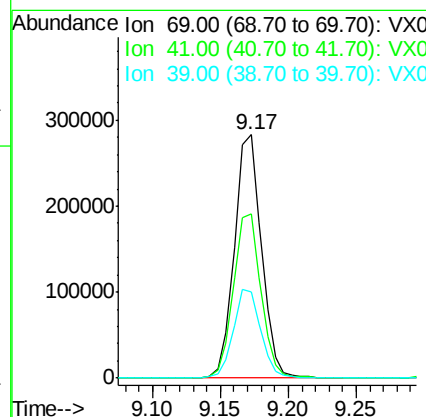
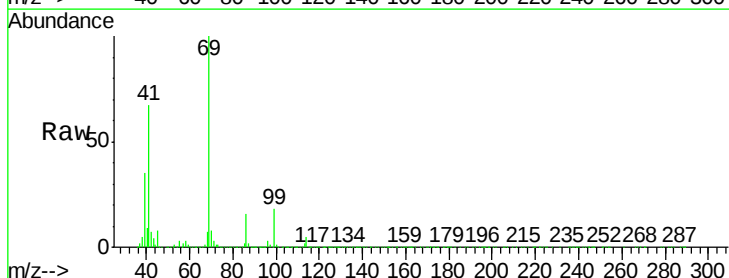
Manual Integrations
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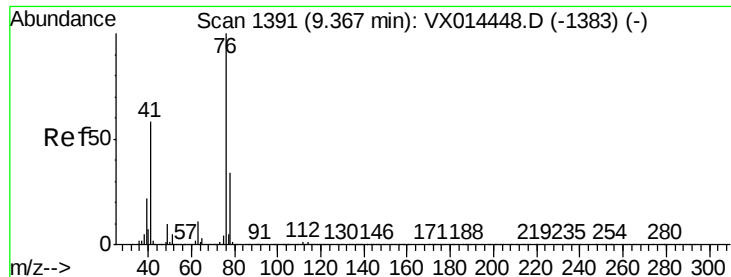
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#56
 Ethyl methacrylate
 Concen: 51.382 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		392612		
41	68.6	54.2	81.2		
39	36.8	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 50.492 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 421056

Ion Ratio Lower Upper

76 100

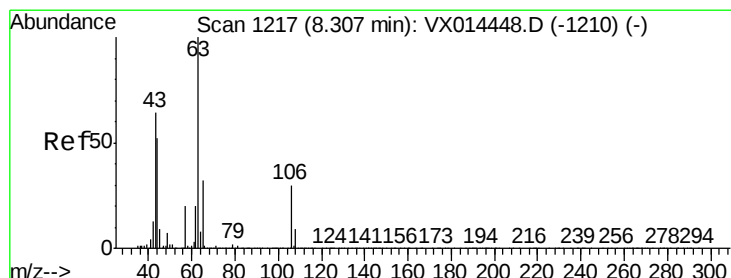
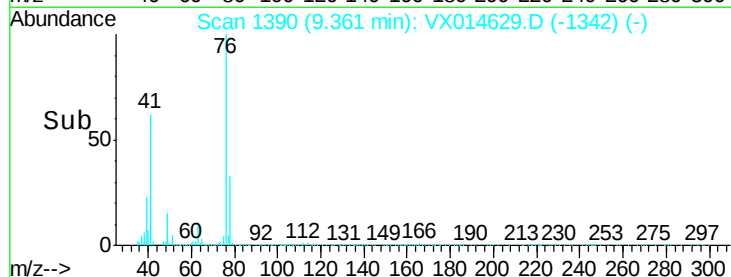
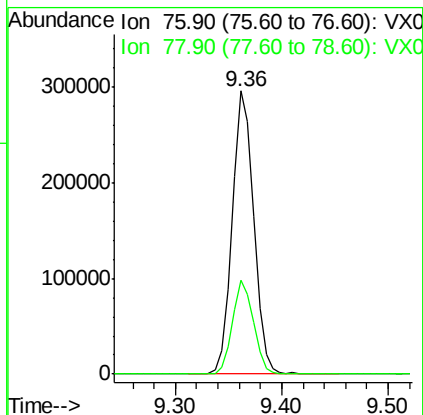
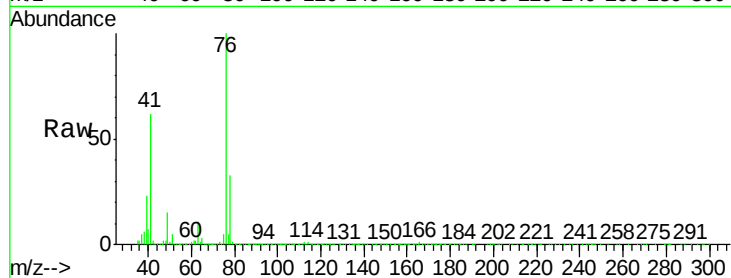
78 32.3 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 269.287 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014629.D

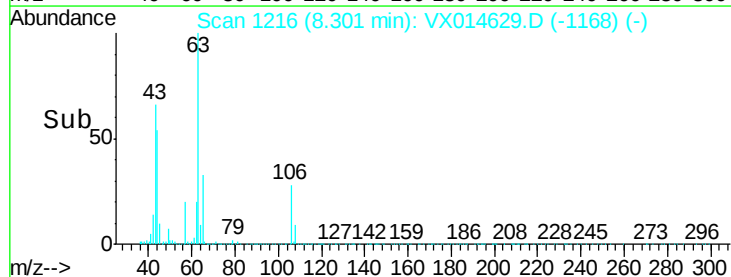
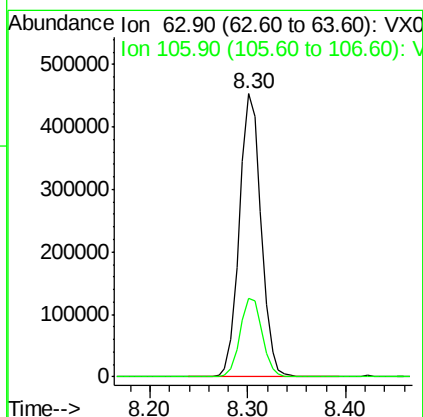
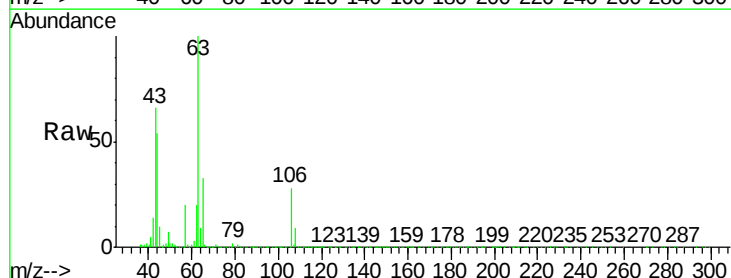
Acq: 16 Jan 2020 10:46

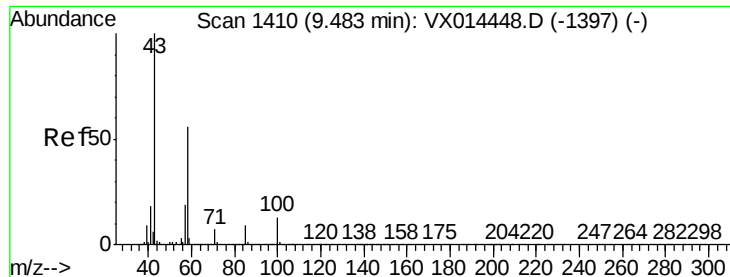
Tgt Ion: 63 Resp: 700081

Ion Ratio Lower Upper

63 100

106 28.3 23.6 35.4





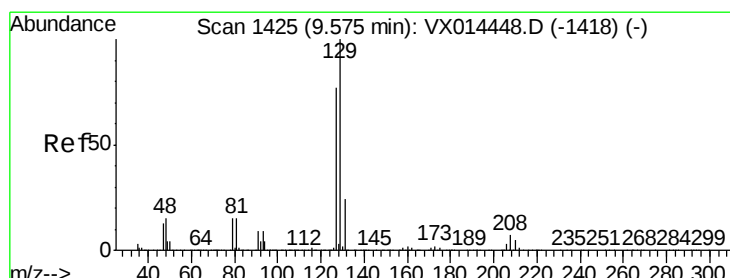
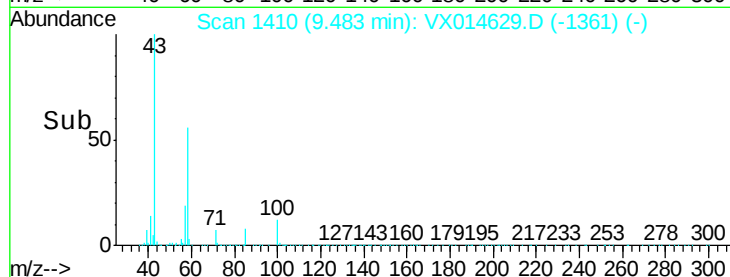
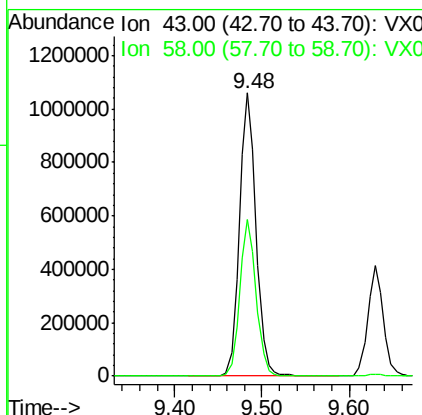
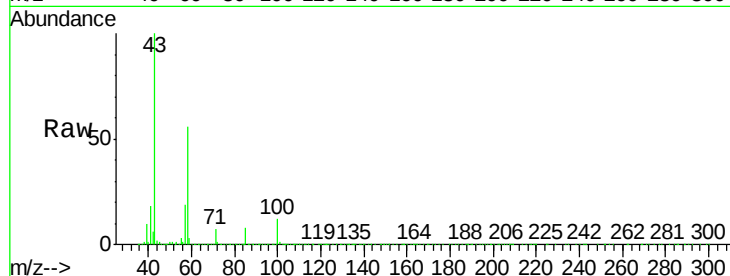
#59
2-Hexanone
Concen: 254.208 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1405616
Ion Ratio Lower Upper
43 100
58 54.6 27.9 83.7

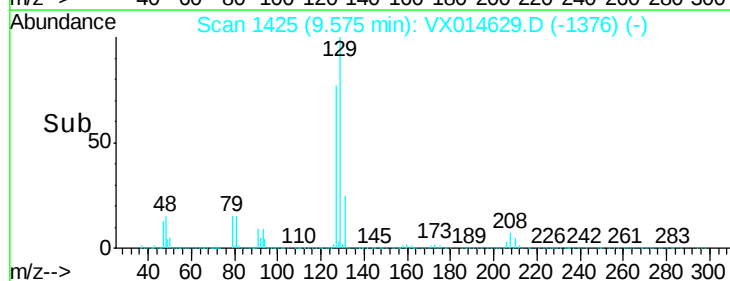
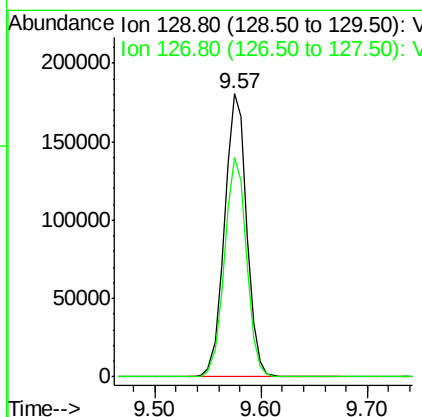
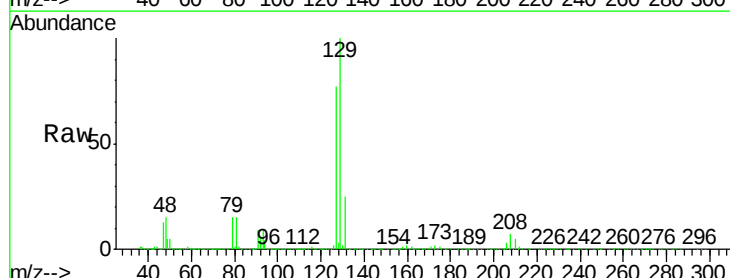
Manual Integrations
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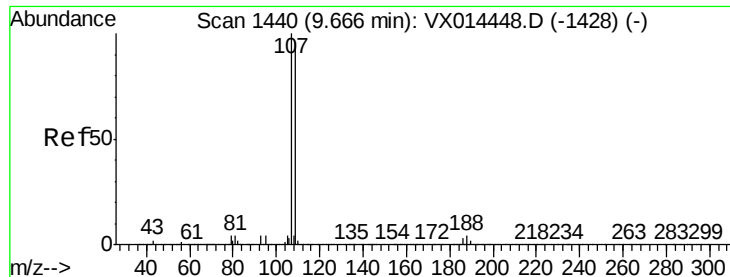
MMDadoda
1/17/2020 11:23:24 AM



#60
Dibromochloromethane
Concen: 52.458 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion: 129 Resp: 262974
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.676 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 262448

Ion Ratio Lower Upper

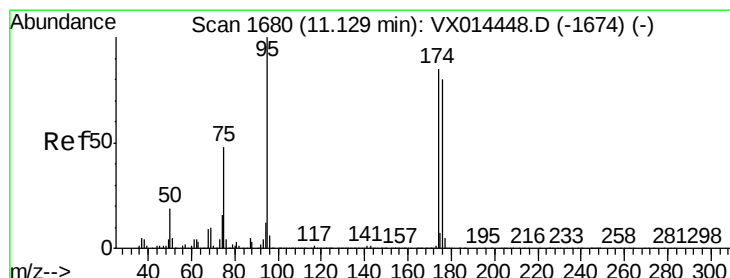
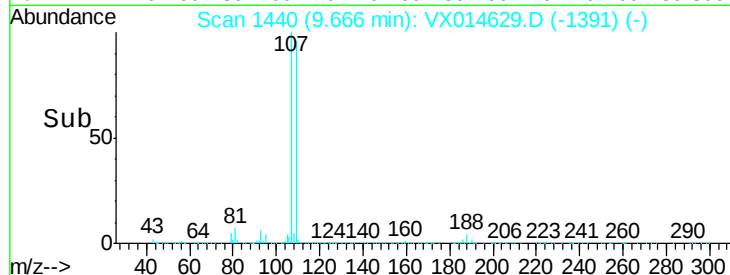
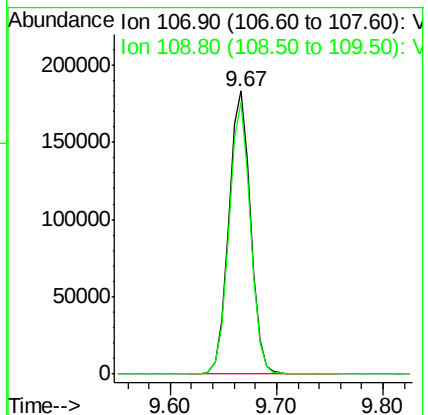
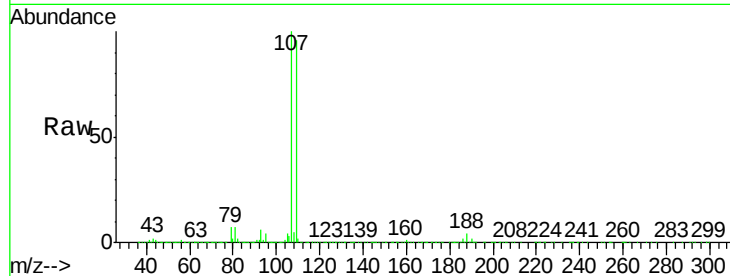
107 100

109 94.5 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 45.078 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

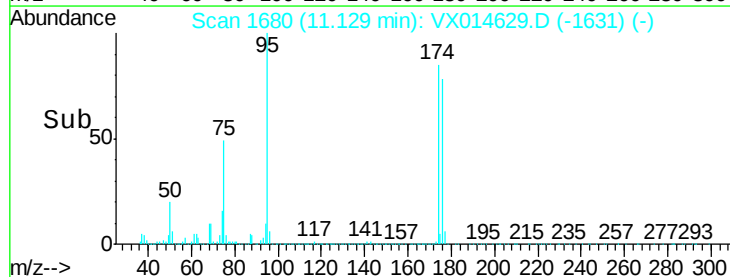
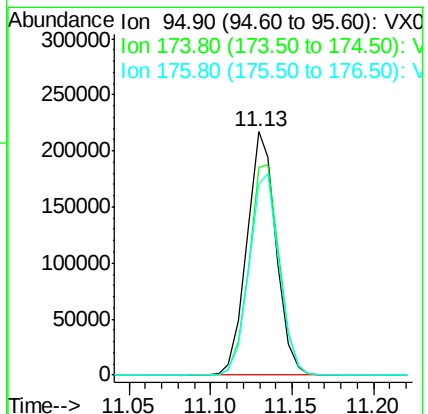
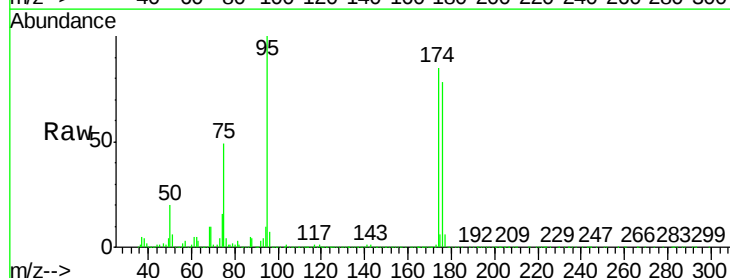
Tgt Ion: 95 Resp: 270172

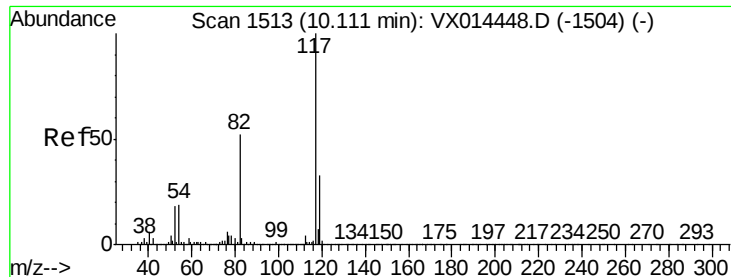
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.8

176 85.4 0.0 172.8





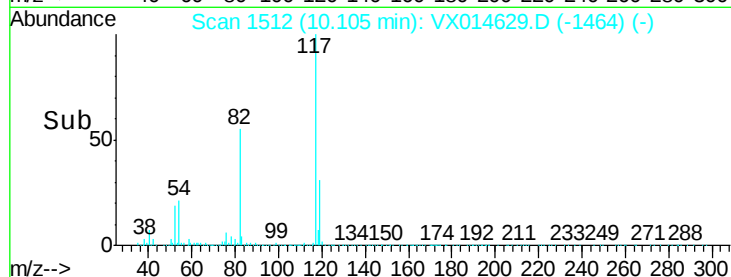
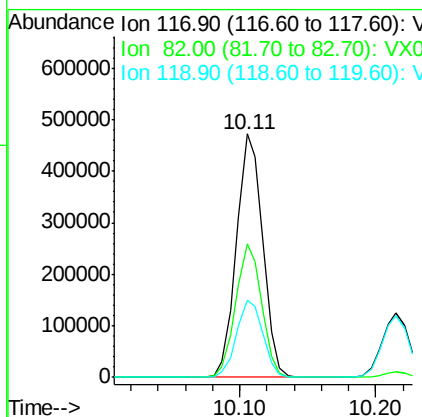
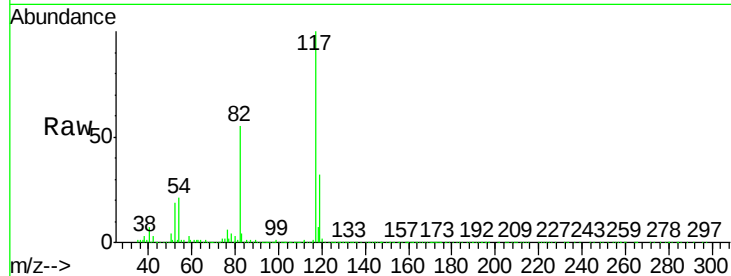
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.6	41.8	62.6
119	31.5	26.2	39.4

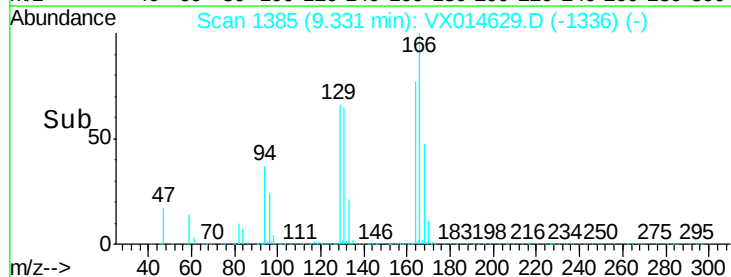
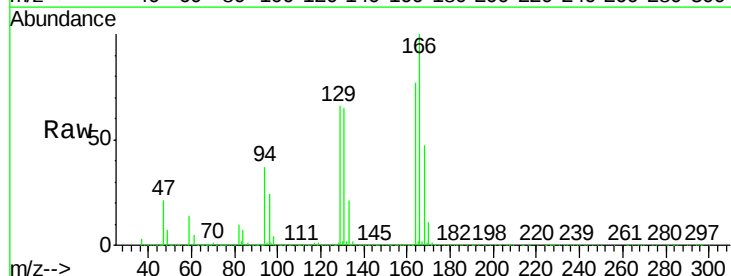
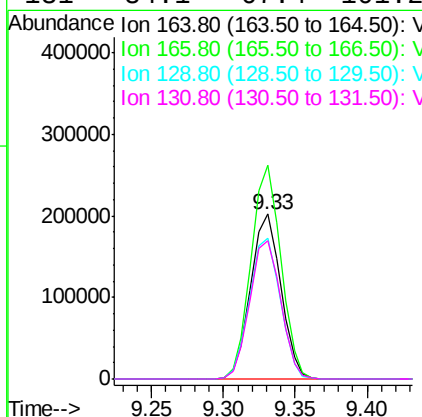
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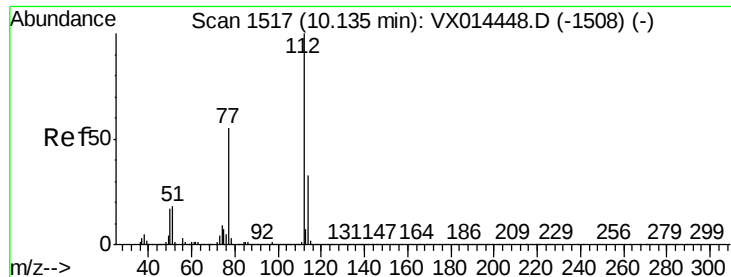
MMDadoda
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#64
Tetrachloroethene
Concen: 46.078 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.4	101.2	151.8
129	85.5	68.3	102.5
131	84.1	67.4	101.2





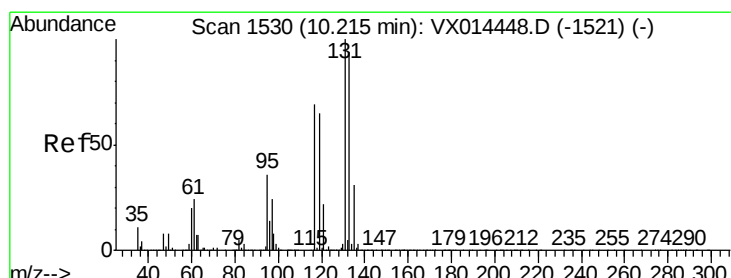
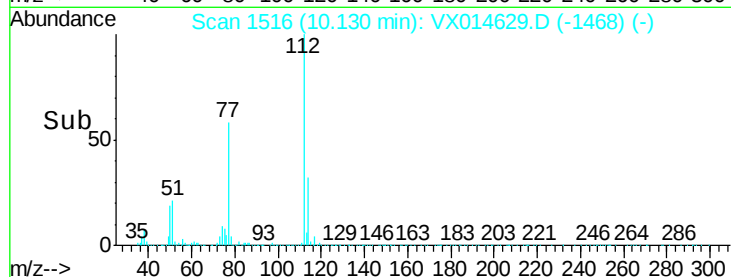
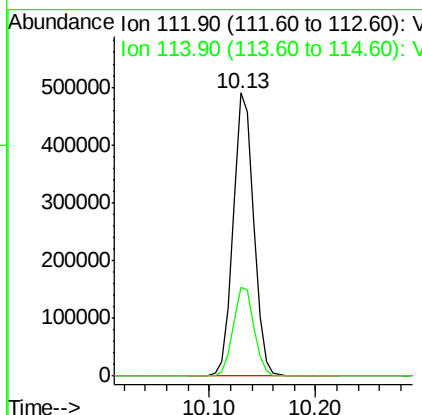
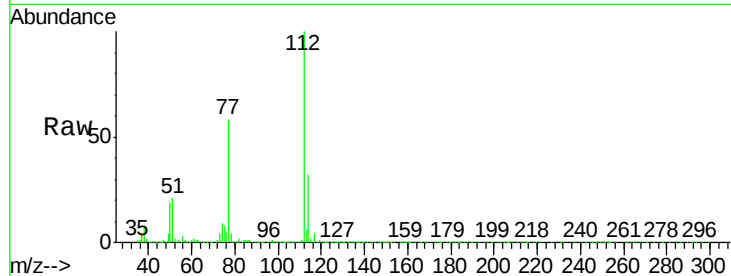
#65
Chlorobenzene
Concen: 48.302 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 663162
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4

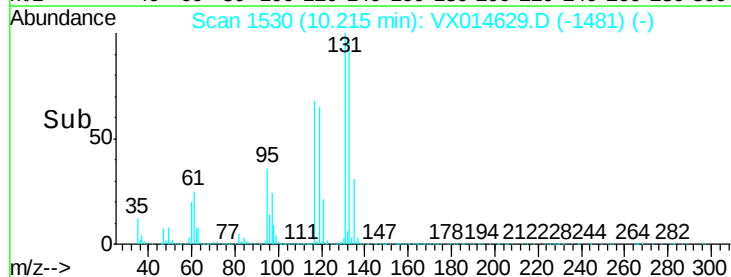
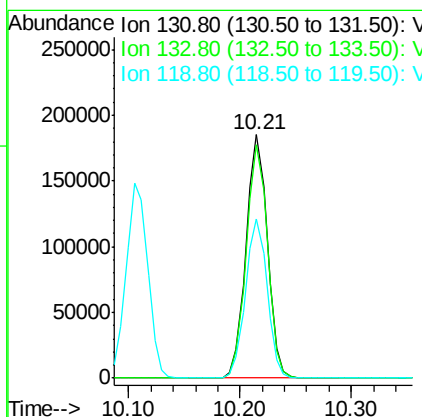
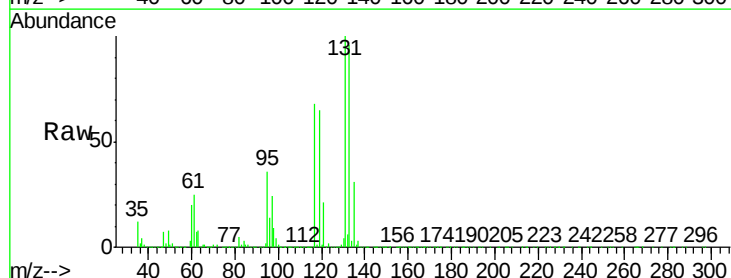
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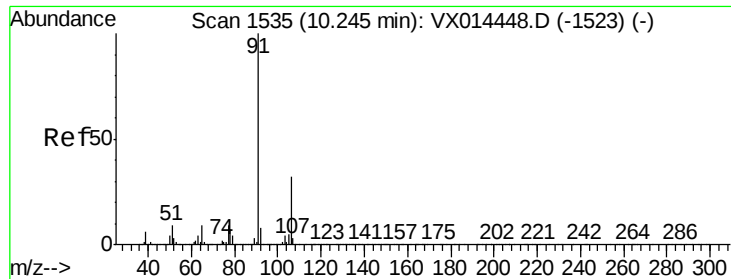
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.363 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion:131 Resp: 246765
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 66.2 32.8 98.4





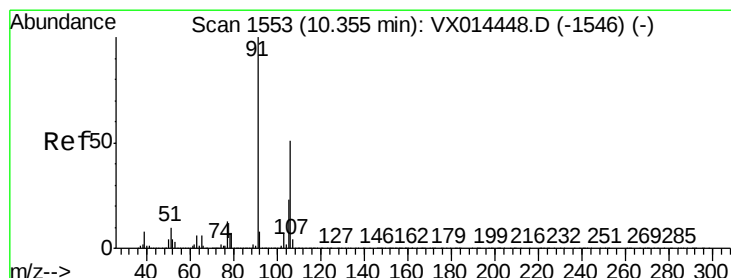
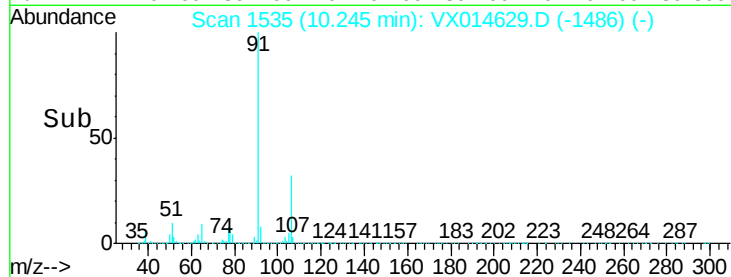
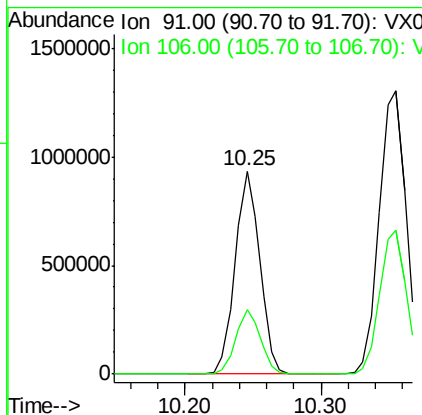
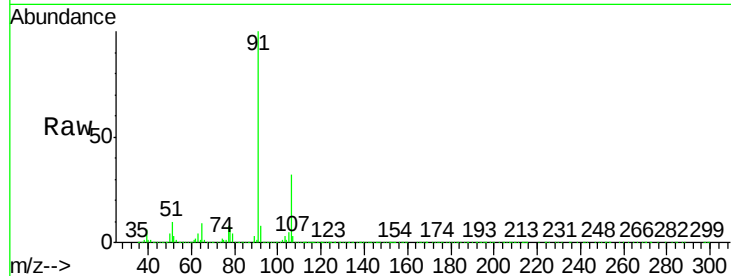
#67
Ethyl Benzene
Concen: 50.392 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1179246
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

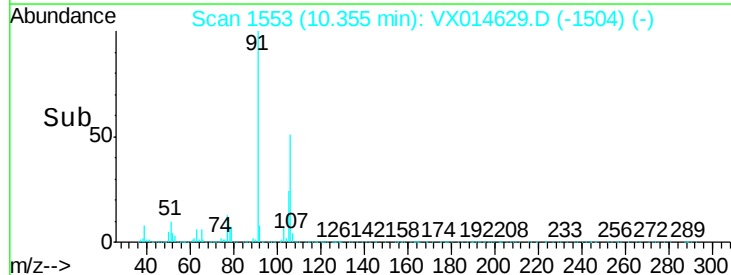
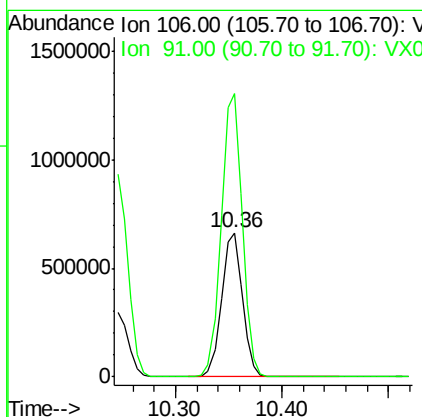
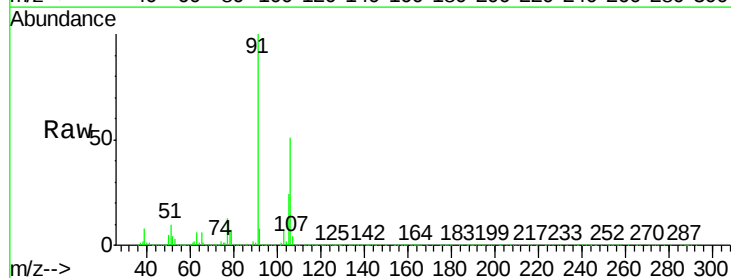
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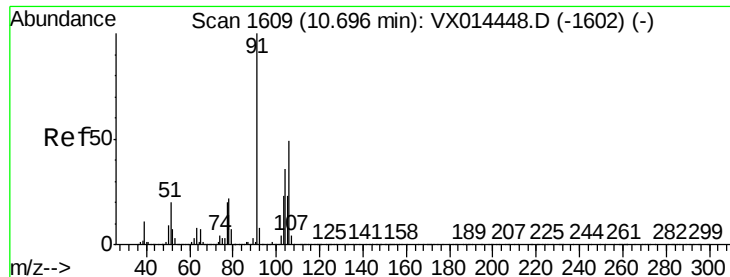
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#68
m/p-Xylenes
Concen: 100.326 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion: 106 Resp: 905759
Ion Ratio Lower Upper
106 100
91 198.4 157.4 236.0





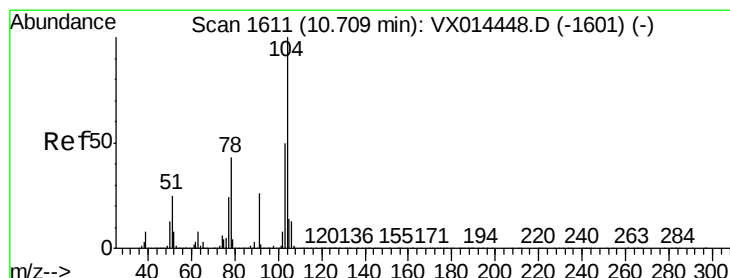
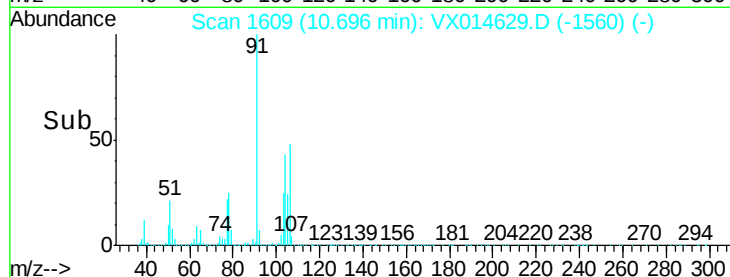
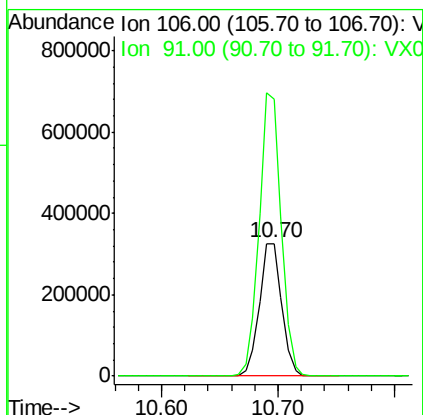
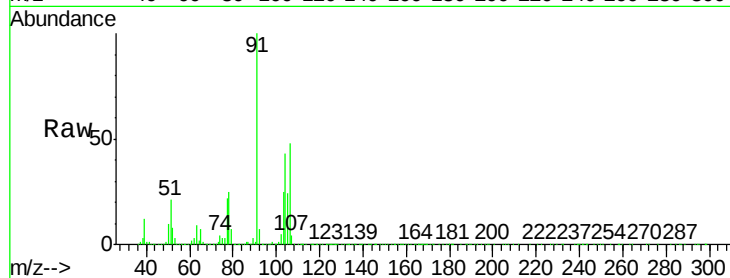
#69
o-Xylene
Concen: 50.485 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	105.1	315.1

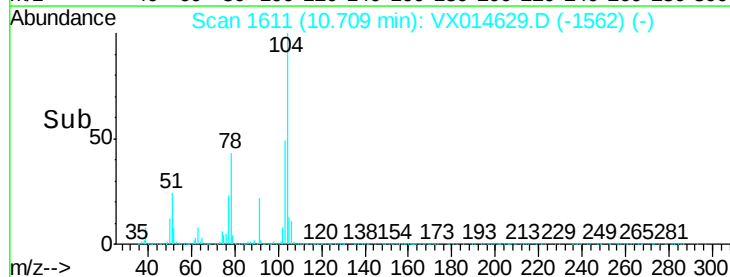
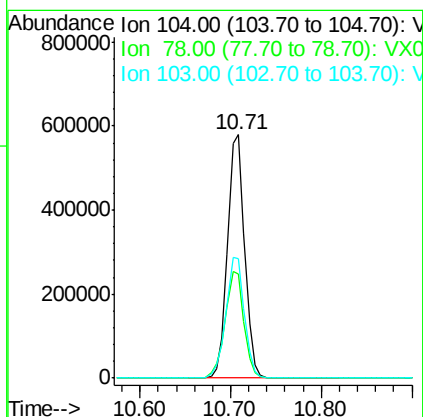
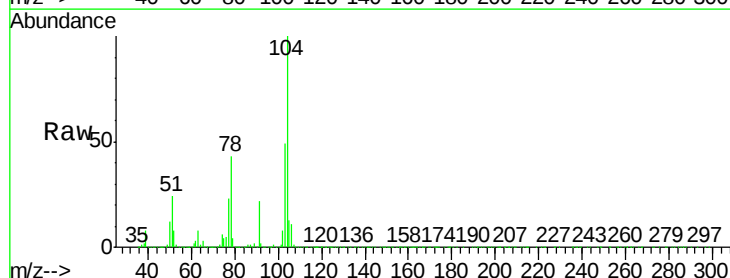
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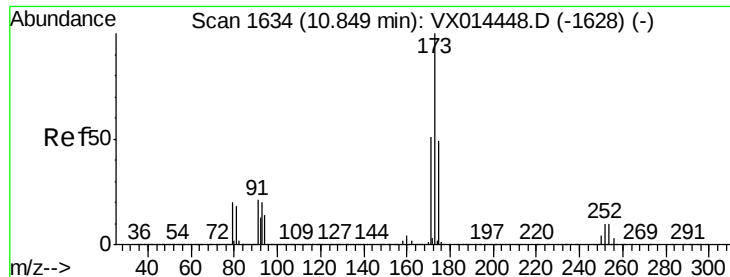
MMDadoda
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#70
Styrene
Concen: 50.959 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.6	58.0
103	53.9	43.7	65.5





#71

Bromoform

Concen: 49.446 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

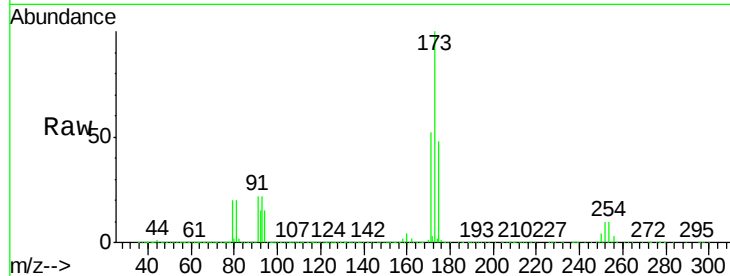
ClientSampleId :

VSTDCCC050

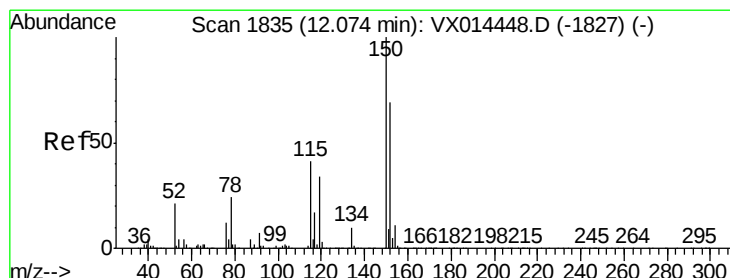
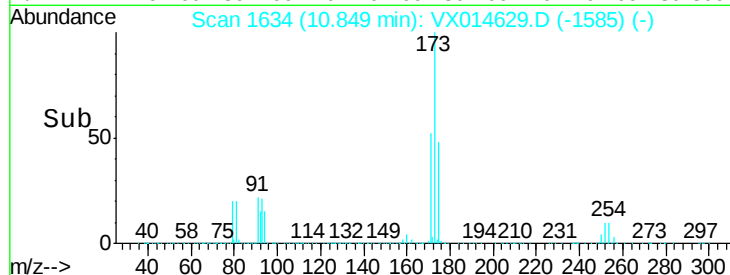
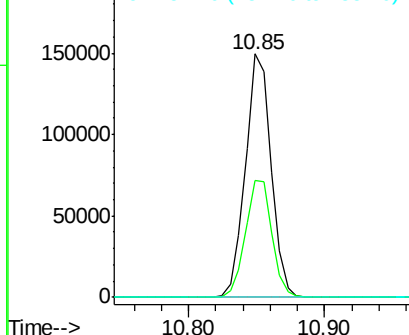
Tot Ion:	173	Resp:	198219
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.3	72.8
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

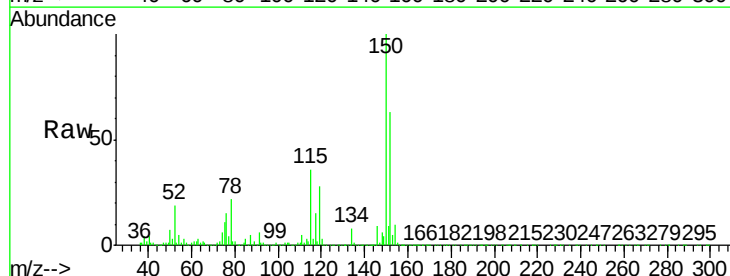
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

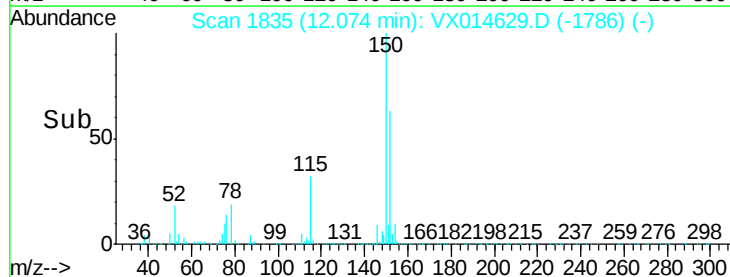
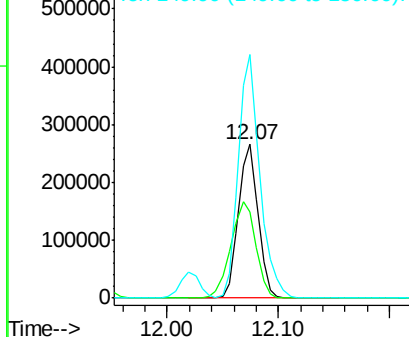
Lab File: VX014629.D

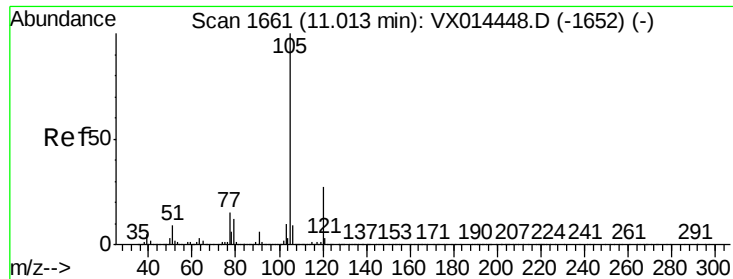
Acq: 16 Jan 2020 10:46

Tgt Ion:	152	Resp:	324331
Ion Ratio	Lower	Upper	
152	100		
115	79.2	39.5	118.3
150	173.9	0.0	350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.209 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1166285

Ion Ratio Lower Upper

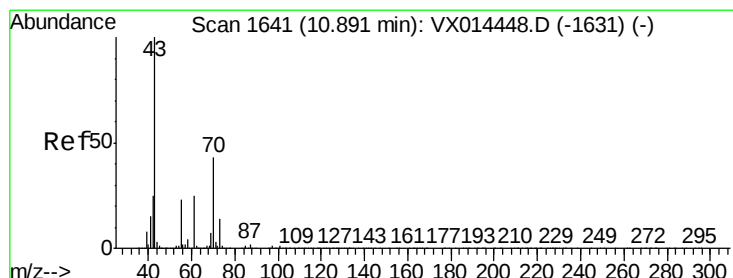
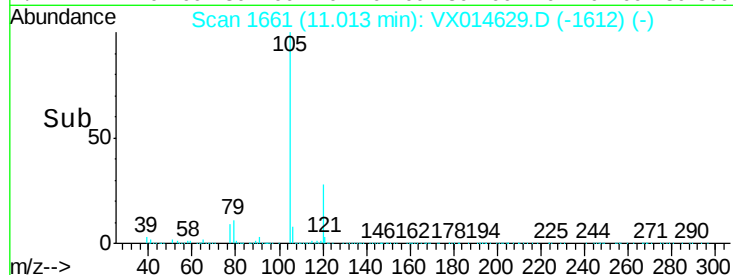
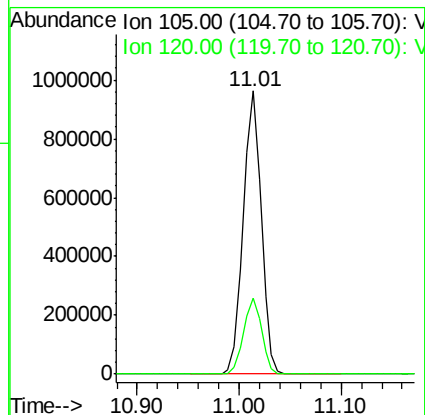
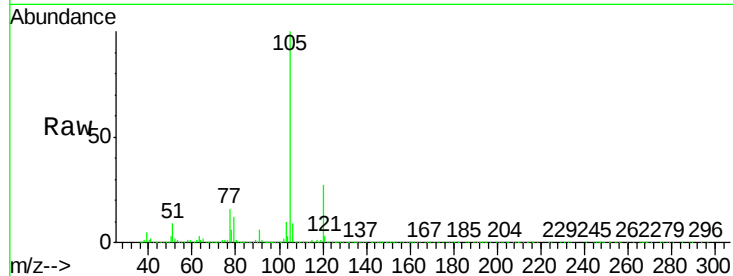
105 100

120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 50.178 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion: 43 Resp: 504195

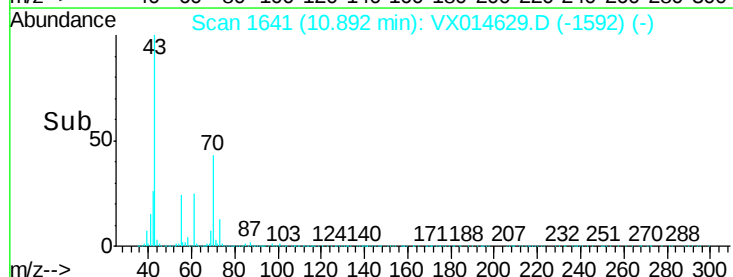
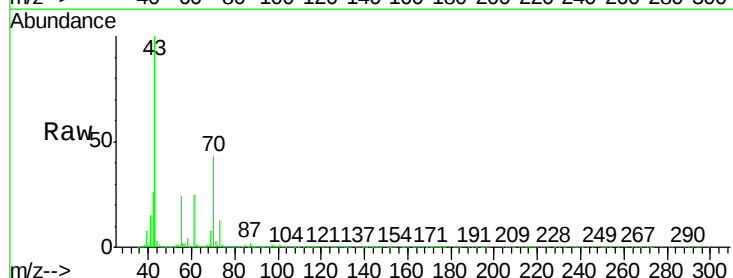
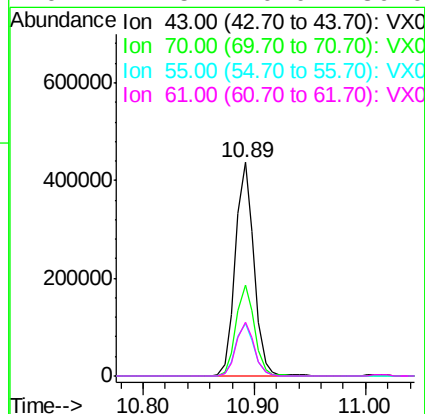
Ion Ratio Lower Upper

43 100

70 42.5 35.1 52.7

55 24.4 19.3 28.9

61 24.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.882 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 371636

Ion Ratio Lower Upper

83 100

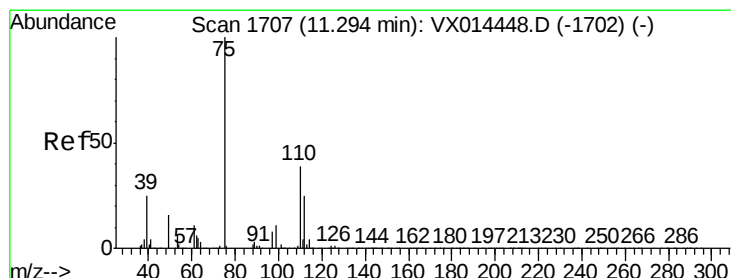
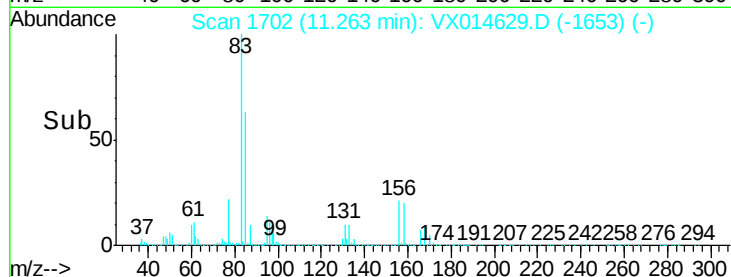
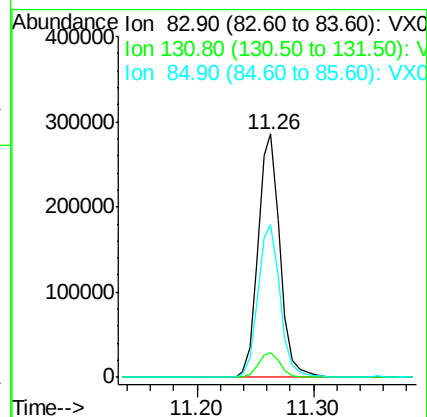
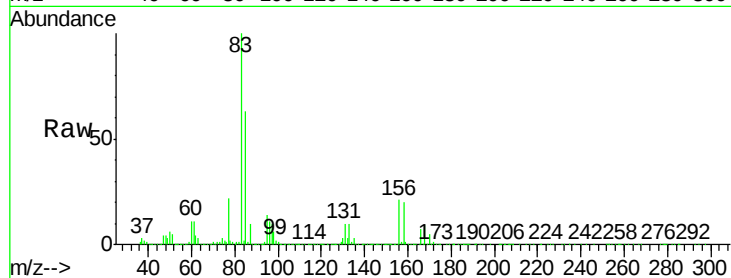
131 10.1 5.1 15.4

85 63.7 32.5 97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.070 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014629.D

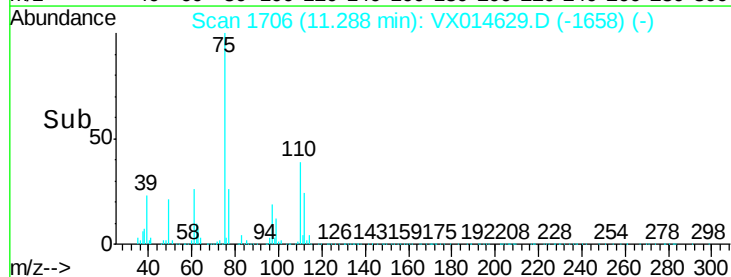
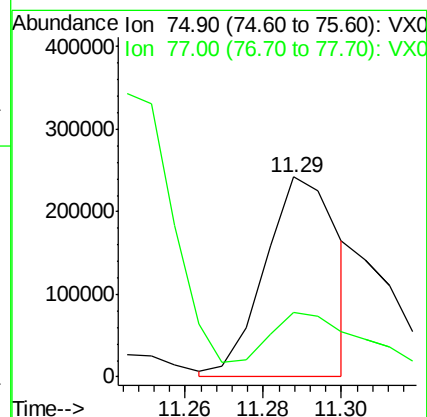
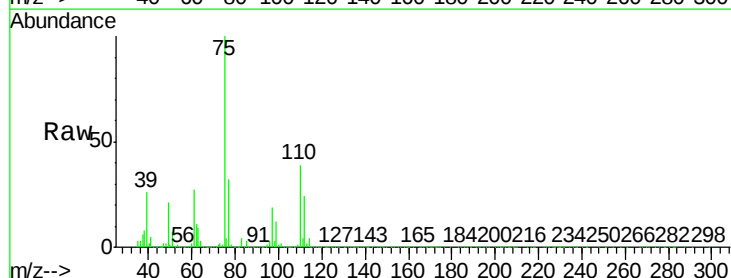
Acq: 16 Jan 2020 10:46

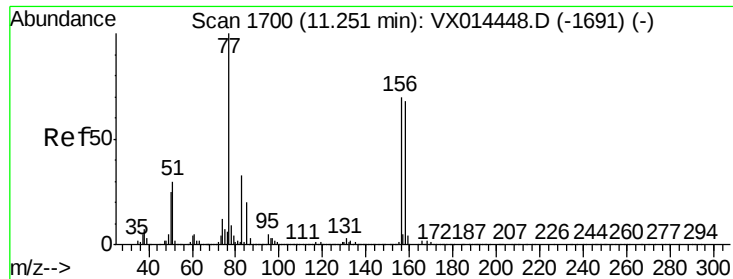
Tgt Ion: 75 Resp: 315863

Ion Ratio Lower Upper

75 100

77 44.7 21.9 65.7





#77

Bromobenzene

Concen: 47.992 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

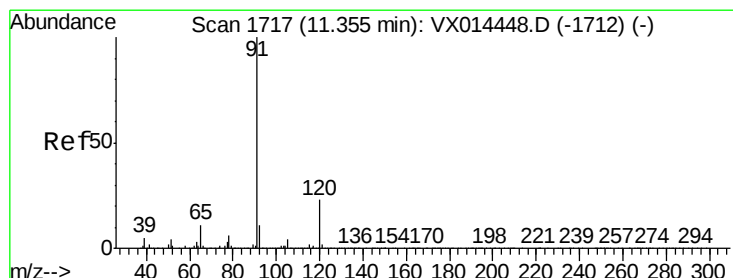
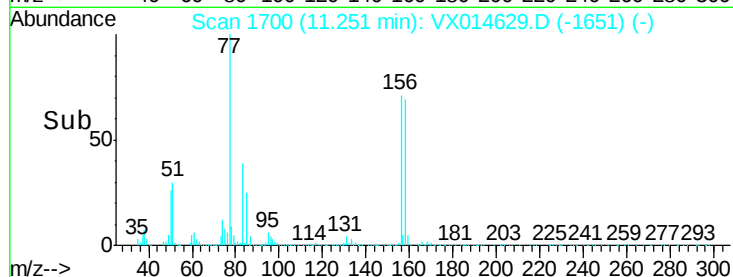
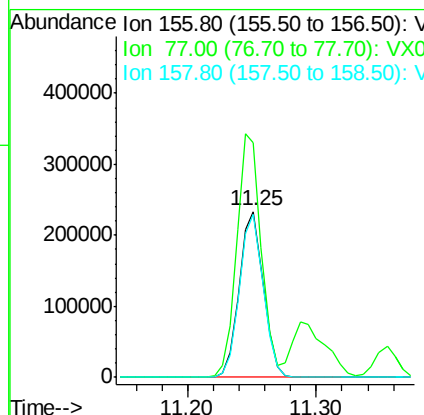
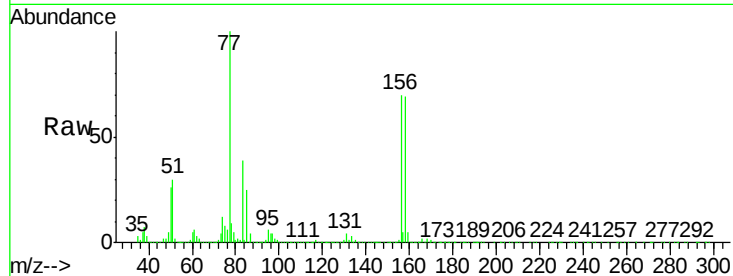
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	303119
Ion Ratio	Lower	Upper	
156	100		
77	149.1	75.4	226.3
158	97.5	48.8	146.3

Manual Integrations
APPROVED

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#78

n-propylbenzene

Concen: 51.315 ug/l

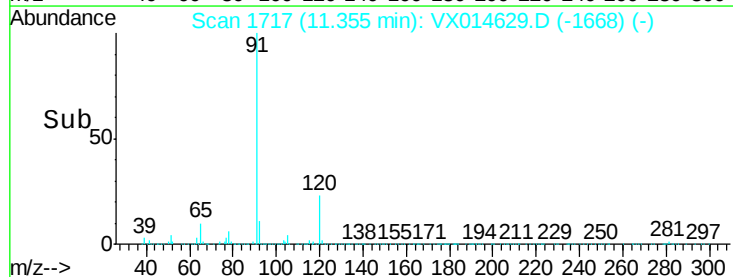
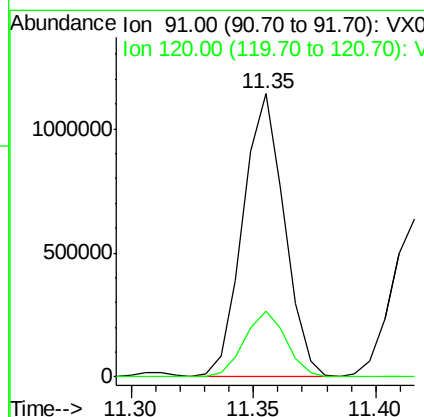
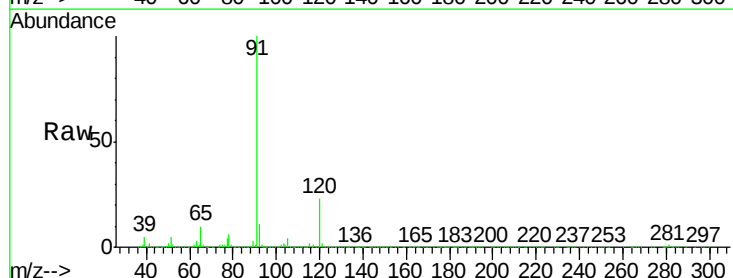
RT: 11.35 min Scan# 1717

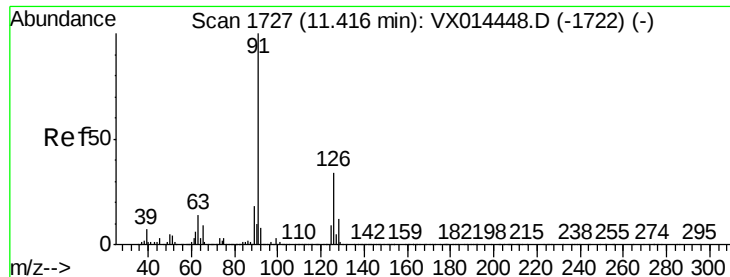
Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion:	91	Resp:	1338438
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5





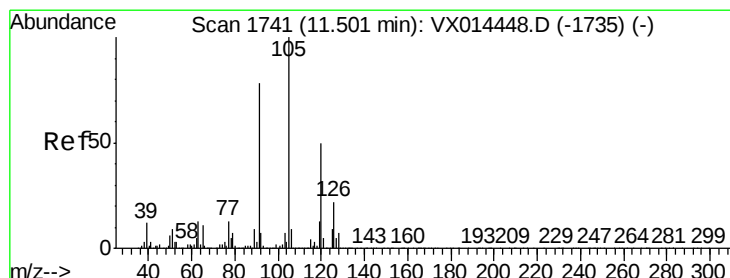
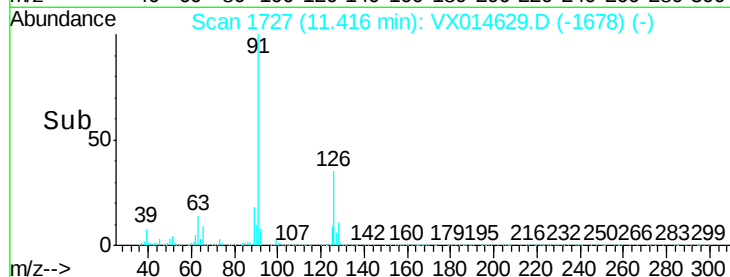
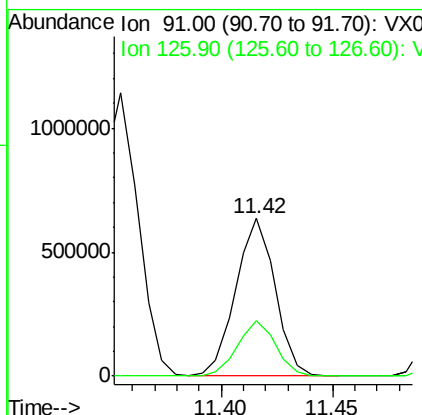
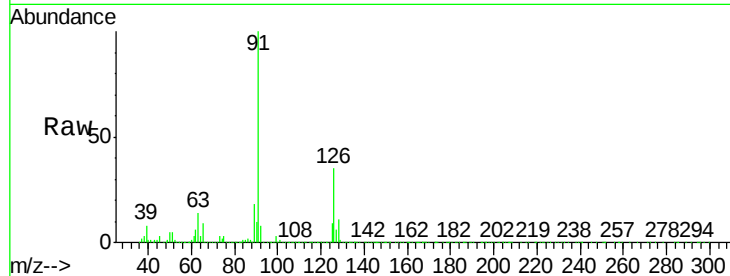
#79
2-Chlorotoluene
Concen: 50.144 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.5	52.5

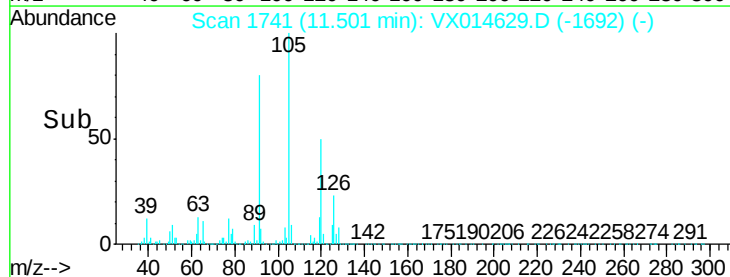
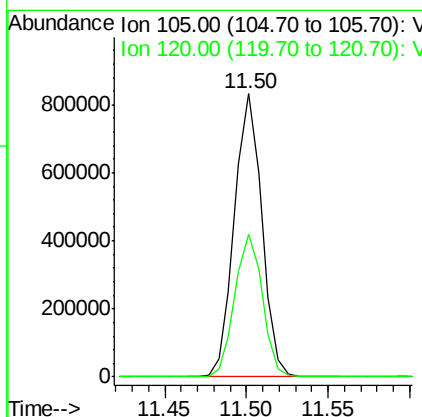
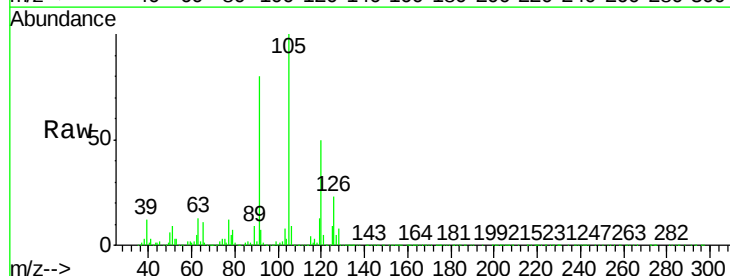
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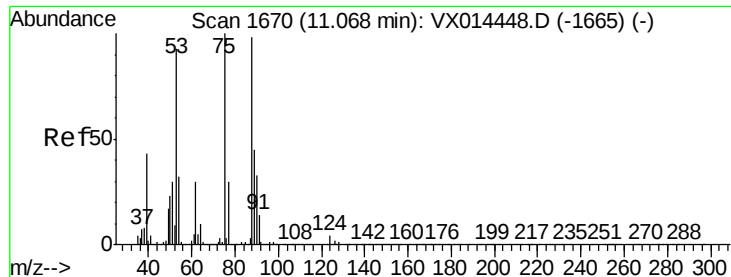
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#80
1,3,5-Trimethylbenzene
Concen: 51.504 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	25.2	75.6





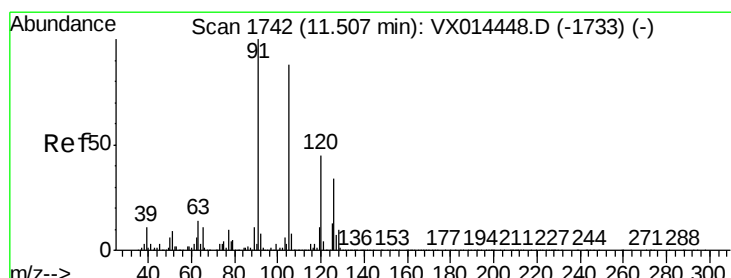
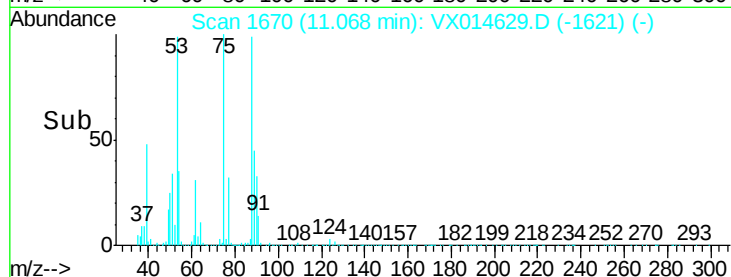
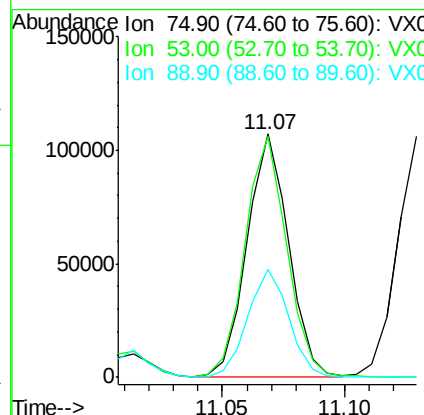
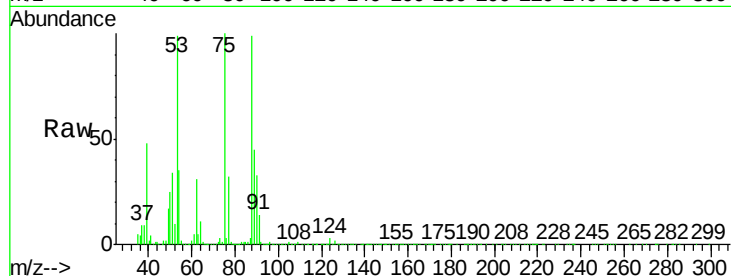
#81
trans-1,4-Dichloro-2-butene
Concen: 49.580 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.3	74.8	112.2
89	44.7	36.3	54.5

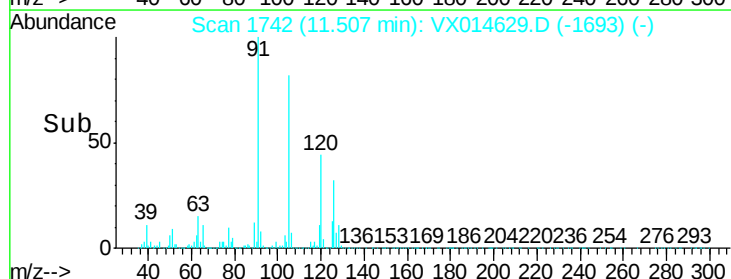
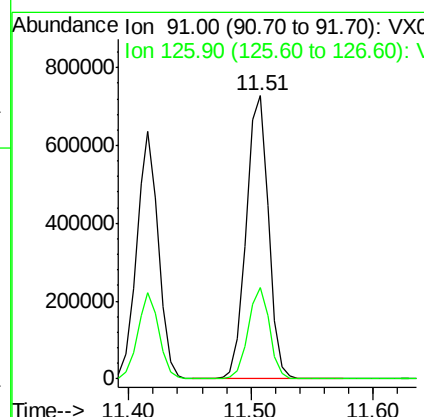
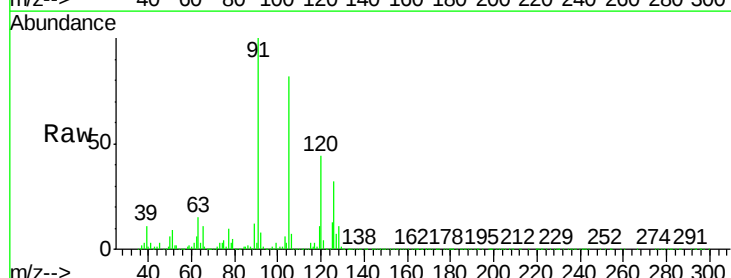
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#82
4-Chlorotoluene
Concen: 49.943 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





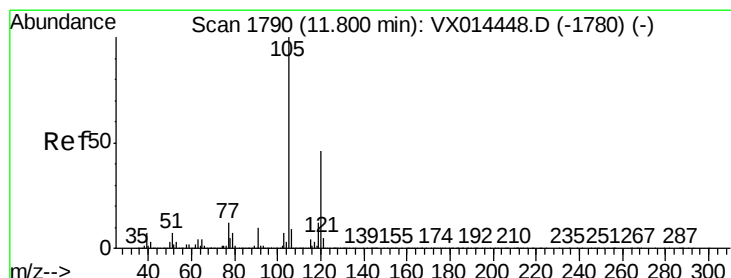
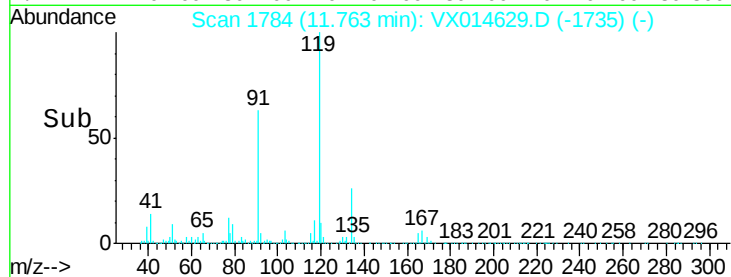
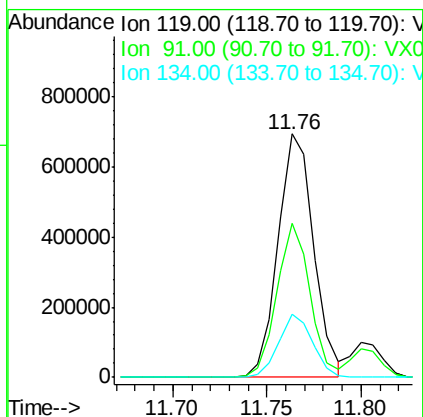
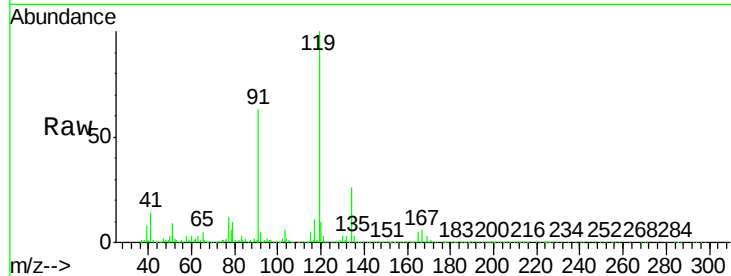
#83
tert-Butylbenzene
Concen: 50.938 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	29.3	88.0
134	24.7	12.4	37.4

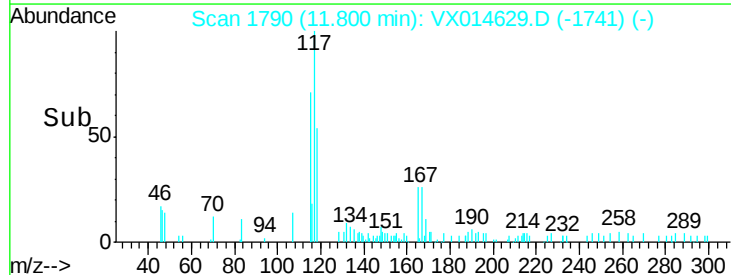
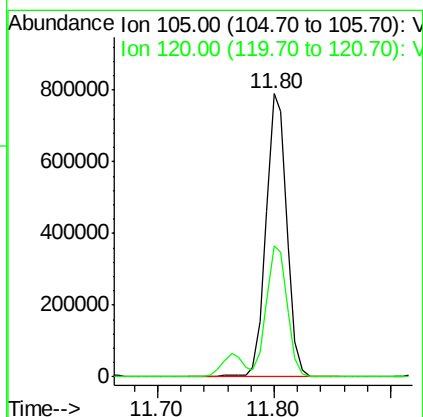
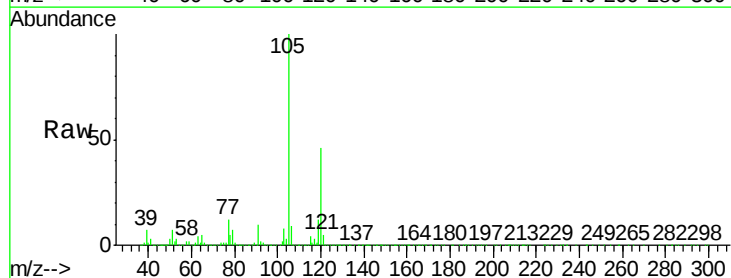
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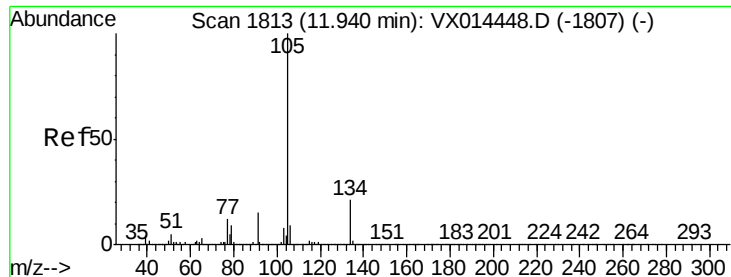
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#84
1,2,4-Trimethylbenzene
Concen: 51.180 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.445 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1142608

Ion Ratio Lower Upper

105 100

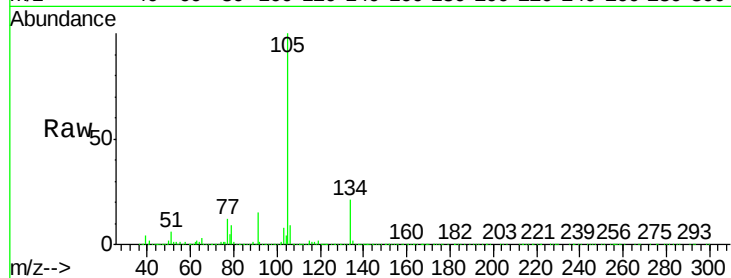
134 20.9 10.5 31.5

Manual Integrations

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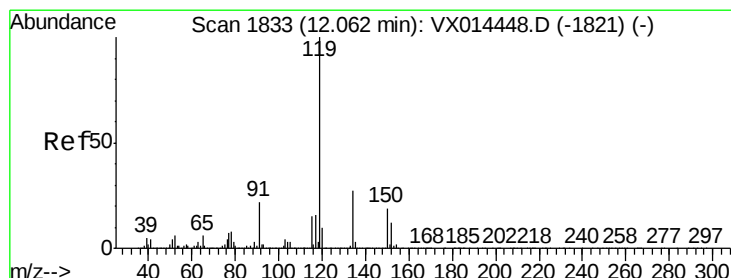
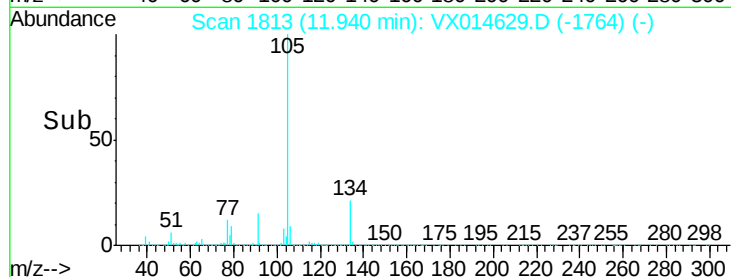
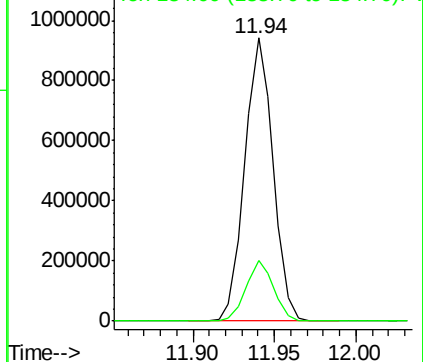
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.425 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

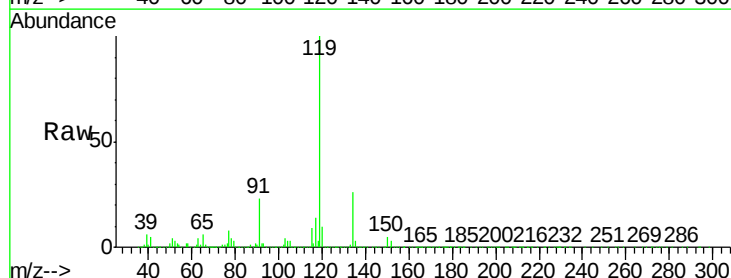
Tgt Ion:119 Resp: 1059869

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

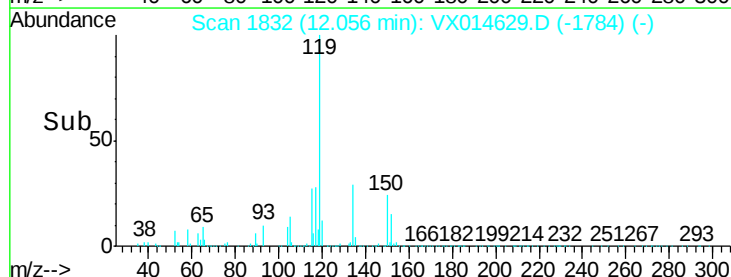
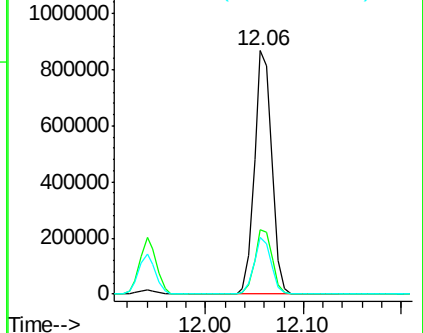
91 22.7 11.1 33.3

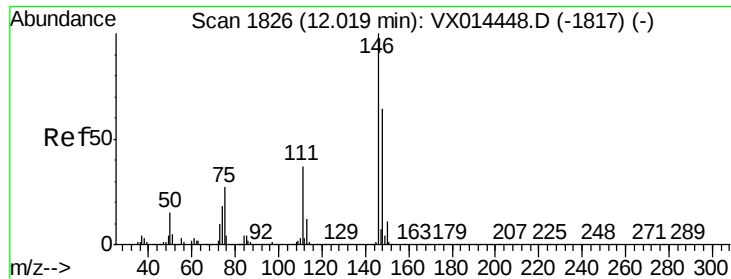


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.898 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

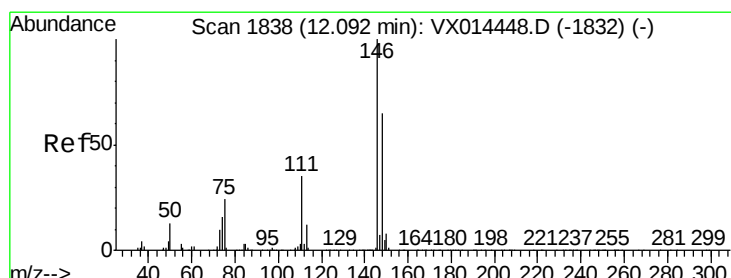
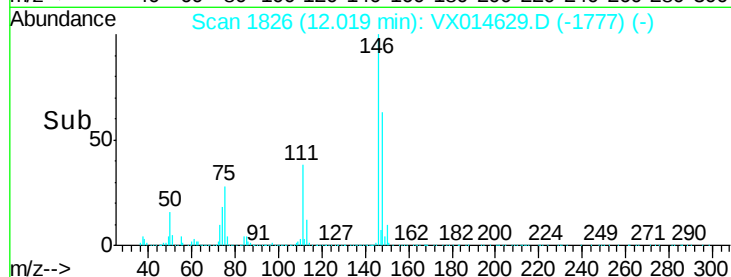
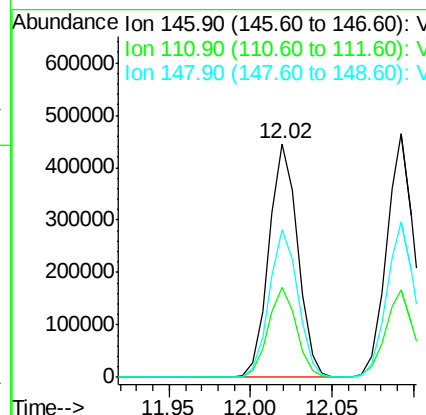
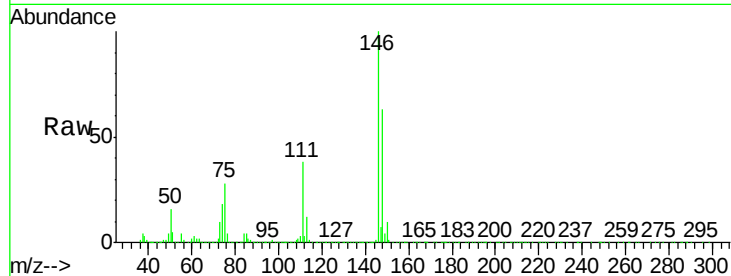
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	62.9	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 51.037 ug/l

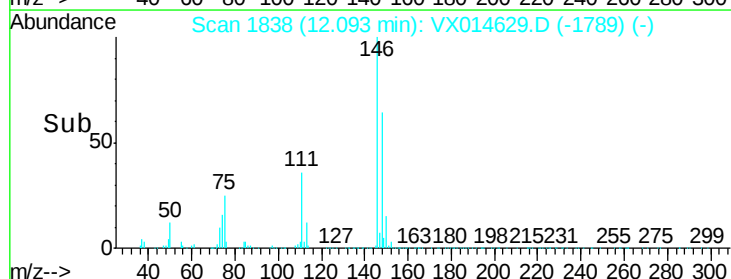
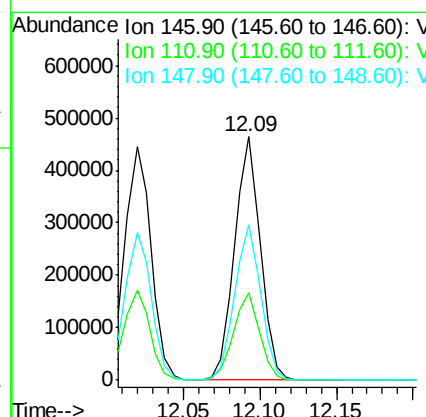
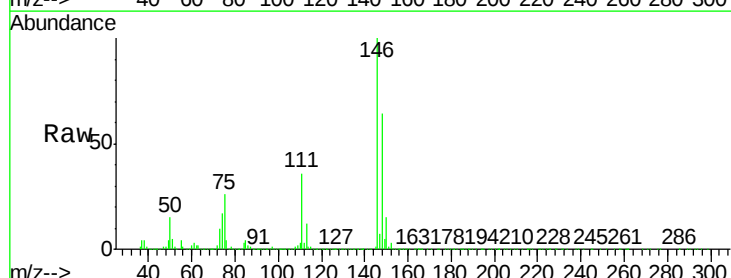
RT: 12.09 min Scan# 1838

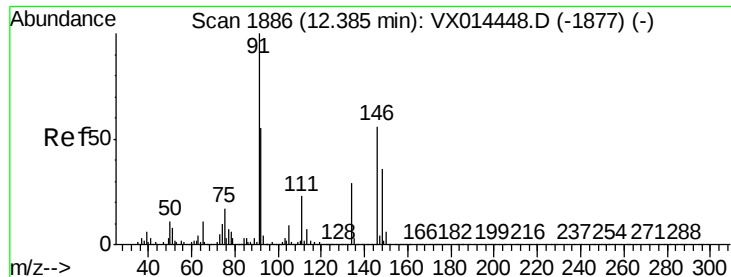
Delta R.T. 0.00 min

Lab File: VX014629.D

Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.4	32.1	96.3





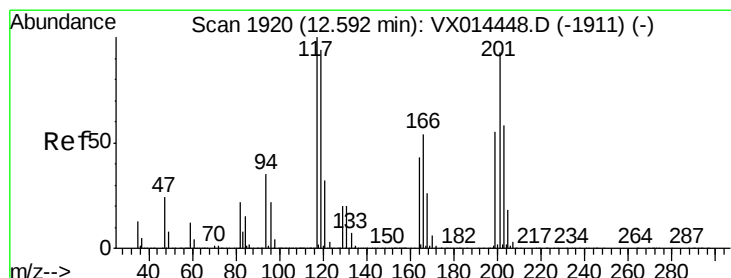
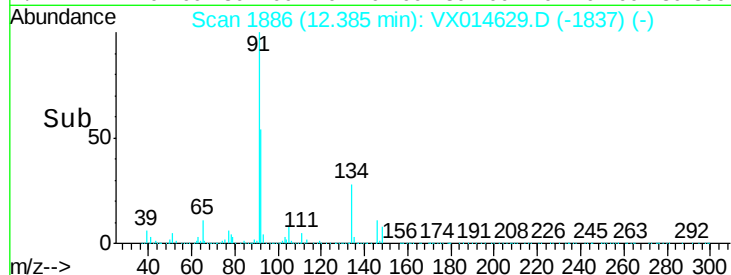
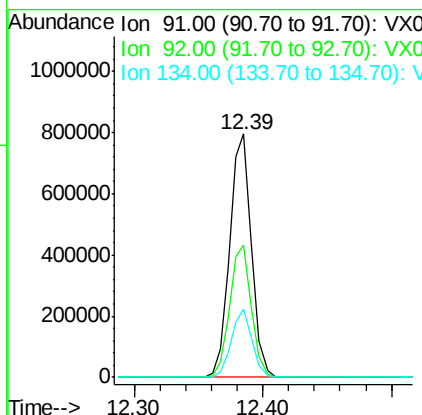
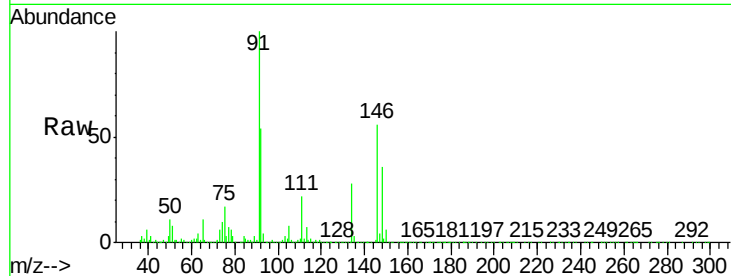
#89
n-Butylbenzene
Concen: 49.893 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	26.8	13.9	41.7

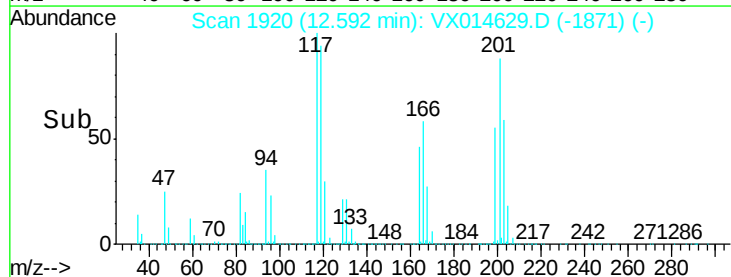
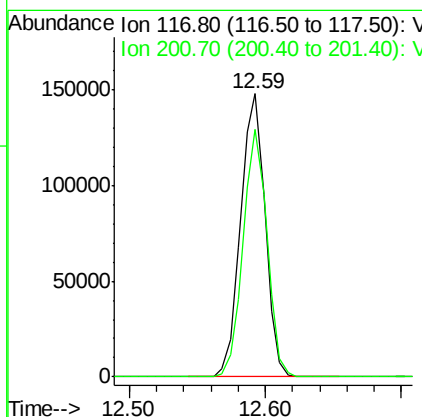
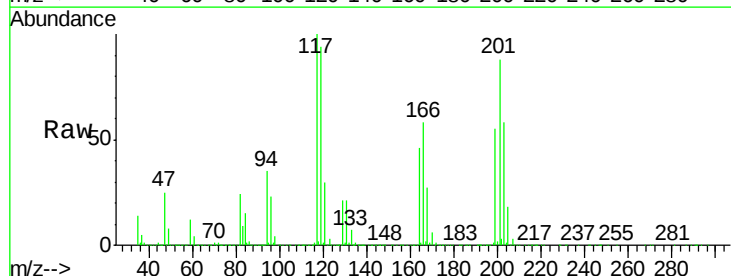
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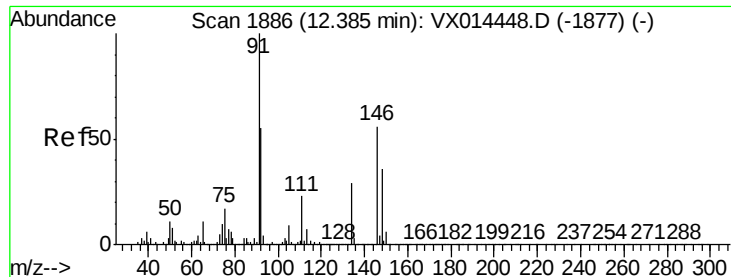
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#90
Hexachloroethane
Concen: 51.080 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	44.8	134.3





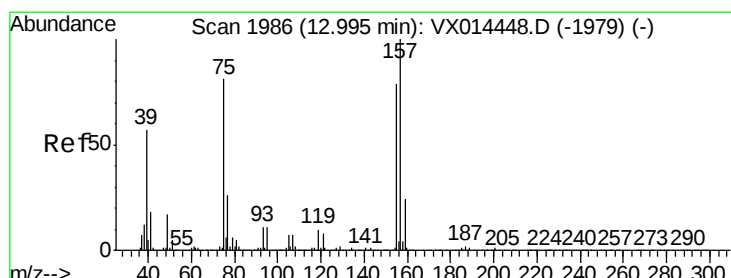
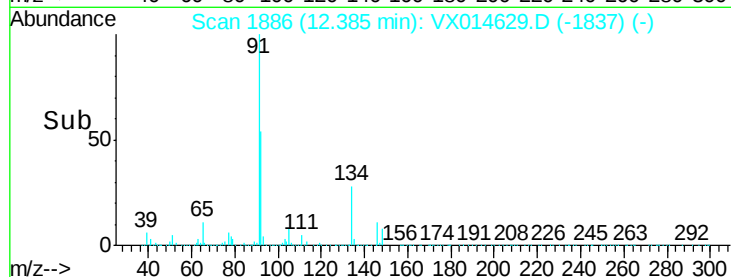
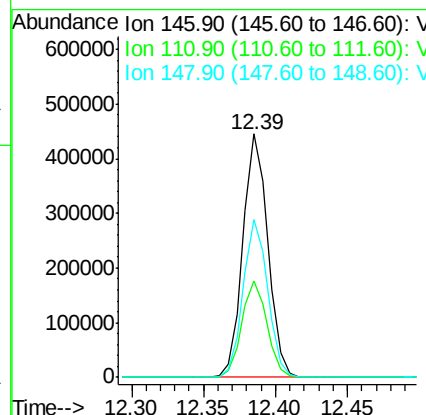
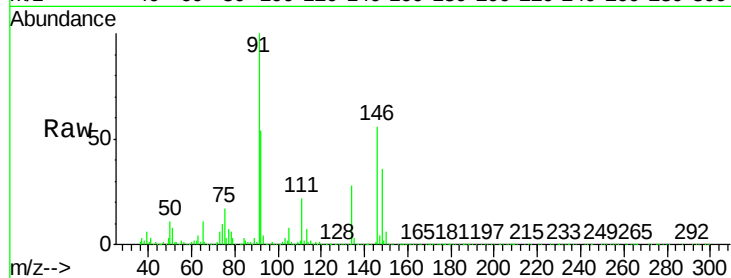
#91
1,2-Dichlorobenzene
Concen: 48.483 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	64.1	32.3	96.8

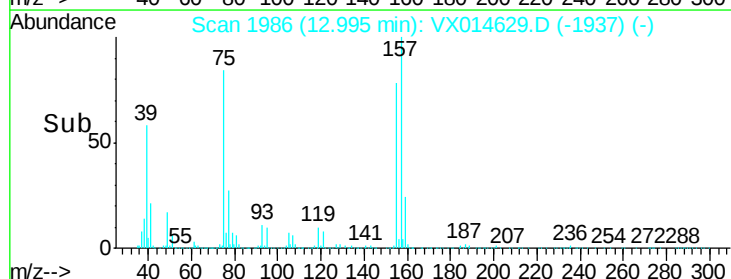
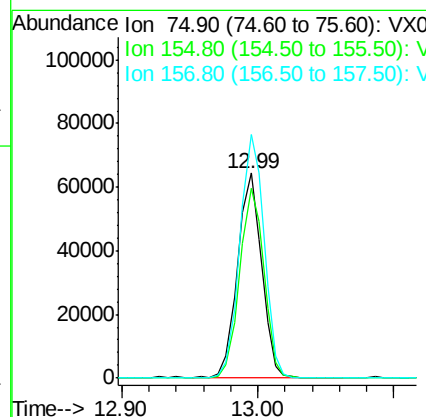
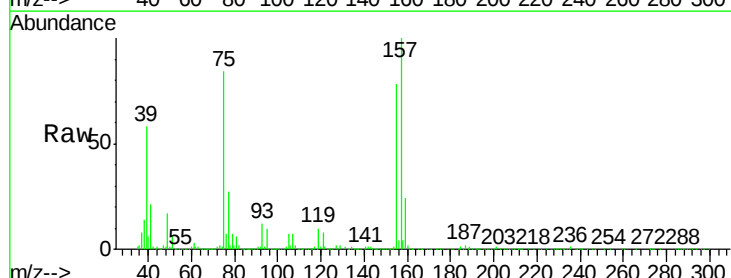
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#92
1,2-Dibromo-3-Chloropropane
Concen: 48.202 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	48.7	146.1
157	120.1	62.0	185.9





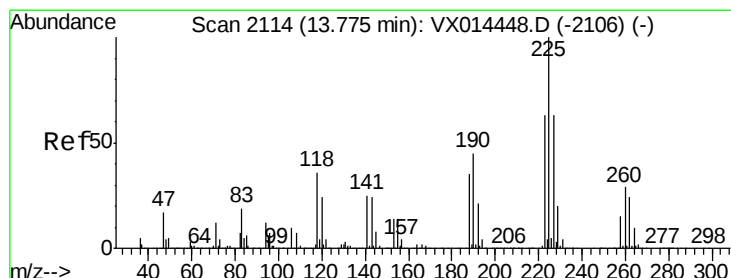
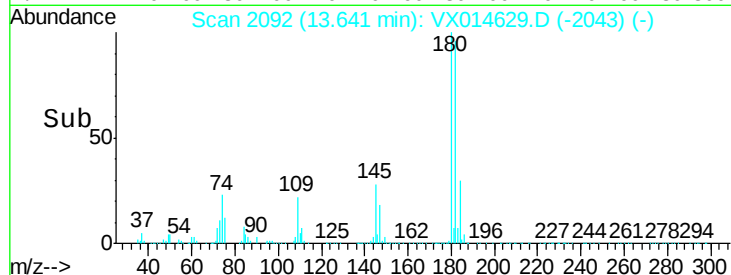
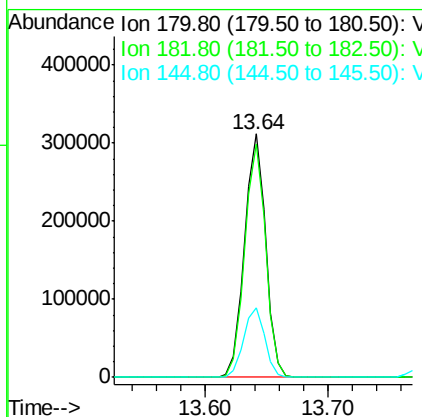
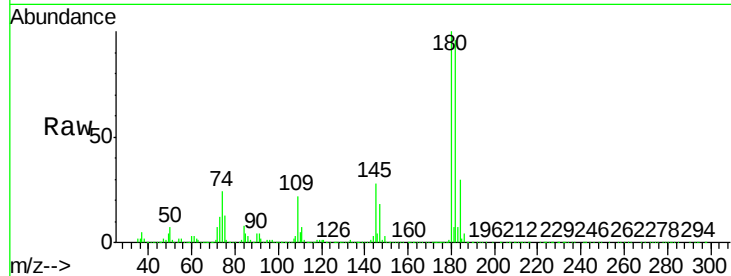
#93
 1,2,4-Trichlorobenzene
 Concen: 47.702 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	28.7	13.9	41.6

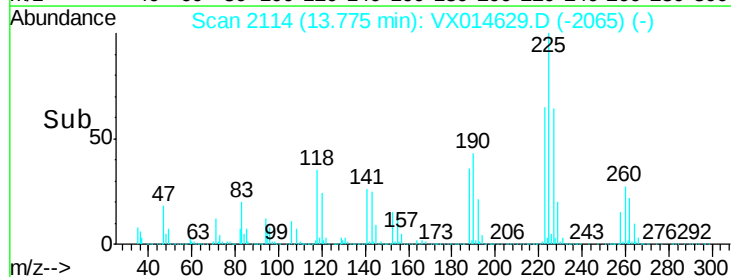
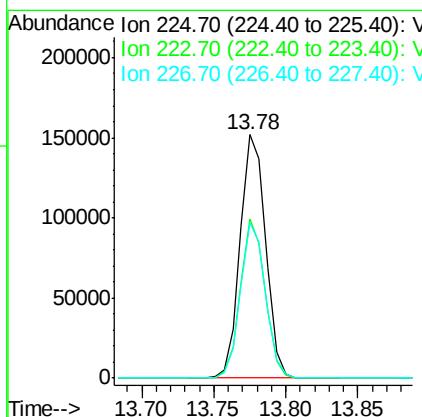
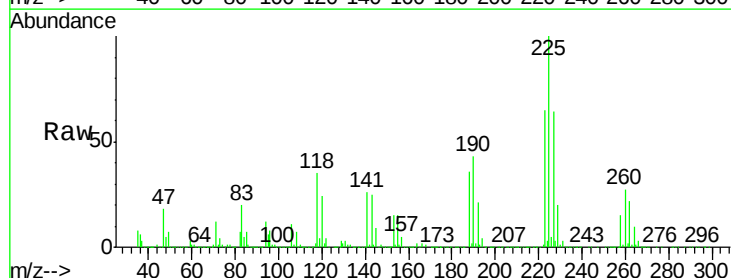
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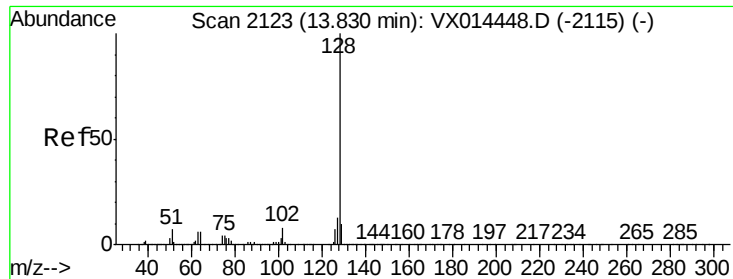
MMDadoda
 1/17/2020 11:23:24 AM



#94
 Hexachlorobutadiene
 Concen: 51.054 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014629.D
 Acq: 16 Jan 2020 10:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.2
227	62.4	31.4	94.2





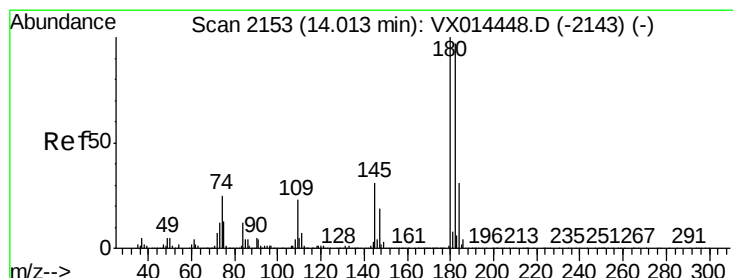
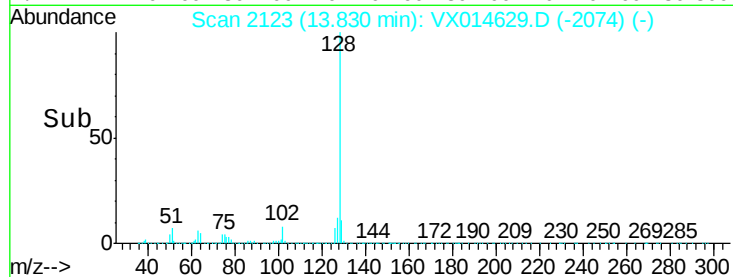
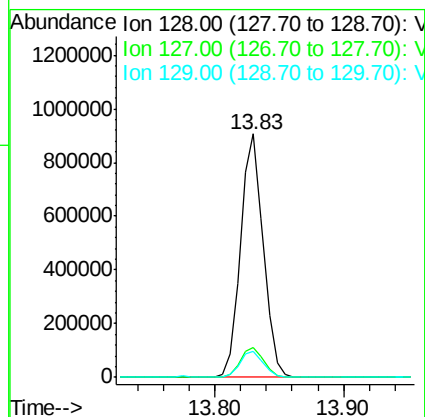
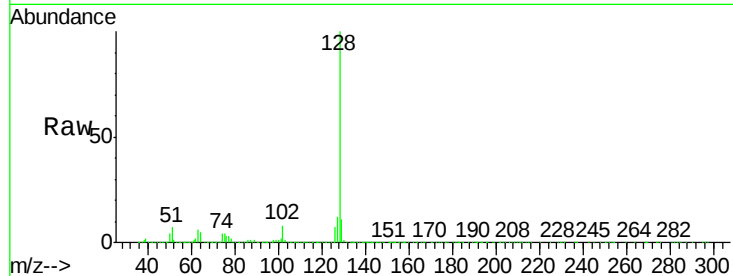
#95
Naphthalene
Concen: 45.613 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1103482
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
1/17/2020 11:23:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.488 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014629.D
Acq: 16 Jan 2020 10:46

Tgt Ion:180 Resp: 370969
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 30.4 14.8 44.3

