

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011320\
 Data File : VX014576.D
 Acq On : 13 Jan 2020 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 3:08:49 PM

Quant Time: Jan 14 13:16:35 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	483303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	726043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	656961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	262781	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.48	113	217170	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	855900	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	306689	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	338387	56.362	ug/l	99
3) Chloromethane	1.32	50	344212	55.873	ug/l	100
4) Vinyl Chloride	1.40	62	400938	58.404	ug/l	97
5) Bromomethane	1.63	94	251985	55.375	ug/l	97
6) Chloroethane	1.72	64	215472	57.801	ug/l	100
7) Trichlorofluoromethane	1.92	101	434438	55.788	ug/l	99
8) Diethyl Ether	2.18	74	187550	52.790	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266299	56.209	ug/l	100
10) Methyl Iodide	2.50	142	345798	60.955	ug/l	99
11) Tert butyl alcohol	3.03	59	285068	253.050	ug/l	99
12) 1,1-Dichloroethene	2.37	96	258070	54.065	ug/l	99
13) Acrolein	2.28	56	214993	238.103	ug/l	100
14) Allyl chloride	2.72	41	471837	56.302	ug/l	100
15) Acrylonitrile	3.13	53	743288	273.377	ug/l	99
16) Acetone	2.43	43	775130	287.154	ug/l	99
17) Carbon Disulfide	2.56	76	707654	53.132	ug/l	99
18) Methyl Acetate	2.76	43	450156	58.051	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	866734	56.564	ug/l	100
20) Methylene Chloride	2.84	84	300648	55.392	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	276061	52.975	ug/l	98
22) Diisopropyl ether	3.84	45	942036	58.167	ug/l	95
23) Vinyl Acetate	3.80	43	3704019	295.404	ug/l	100
24) 1,1-Dichloroethane	3.69	63	500821	56.845	ug/l	100
25) 2-Butanone	4.65	43	1094905	271.678	ug/l	99
26) 2,2-Dichloropropane	4.57	77	425431	57.003	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	317773	54.549	ug/l	97
28) Bromochloromethane	5.00	49	196220	52.855	ug/l	95
29) Tetrahydrofuran	5.11	42	668499	280.554	ug/l	98
30) Chloroform	5.20	83	488454	56.736	ug/l	100
31) Cyclohexane	5.56	56	484758	58.783	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	424890	57.657	ug/l	99
36) 1,1-Dichloropropene	5.79	75	383317	56.141	ug/l	99
37) Ethyl Acetate	4.81	43	407594	54.959	ug/l	99
38) Carbon Tetrachloride	5.77	117	365086	58.106	ug/l	95

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MMDadoda
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Quant Time: Jan 14 13:16:35 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	500333	58.327	ug/l	97
40) Benzene	6.13	78	1146059	56.554	ug/l	100
41) Methacrylonitrile	5.02	41	228079	57.669	ug/l	98
42) 1,2-Dichloroethane	6.18	62	391059	55.192	ug/l	100
43) Isopropyl Acetate	6.43	43	681773	56.906	ug/l	99
44) Trichloroethene	7.20	130	318547	54.699	ug/l	95
45) 1,2-Dichloropropane	7.50	63	298673	57.810	ug/l	99
46) Dibromomethane	7.65	93	190365	52.791	ug/l	99
47) Bromodichloromethane	7.89	83	388610	59.226	ug/l	99
48) Methyl methacrylate	7.76	41	336812	58.698	ug/l	100
49) 1,4-Dioxane	7.73	88	120693	992.671	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2077454	284.557	ug/l	99
52) Toluene	8.78	92	722960	55.731	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	434127	56.830	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	488853	59.241	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	290054	55.668	ug/l	99
56) Ethyl methacrylate	9.17	69	466753	58.471	ug/l	98
57) 1,3-Dichloropropane	9.36	76	493344	56.628	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	839063	308.936	ug/l	99
59) 2-Hexanone	9.48	43	1622438	280.864	ug/l	99
60) Dibromochloromethane	9.57	129	312243	59.621	ug/l	100
61) 1,2-Dibromoethane	9.67	107	305335	55.321	ug/l	98
64) Tetrachloroethene	9.33	164	336876	51.164	ug/l	97
65) Chlorobenzene	10.13	112	783884	54.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	294628	57.907	ug/l	99
67) Ethyl Benzene	10.24	91	1402516	57.715	ug/l	99
68) m/p-Xylenes	10.35	106	1070464	114.183	ug/l	98
69) o-Xylene	10.70	106	512722	57.320	ug/l	99
70) Styrene	10.71	104	891234	57.735	ug/l	99
71) Bromoform	10.85	173	239446	57.520	ug/l #	99
73) Isopropylbenzene	11.01	105	1382280	58.004	ug/l	100
74) N-amyl acetate	10.89	43	602465	57.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	432092	56.539	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	362172m	51.580	ug/l	
77) Bromobenzene	11.25	156	353438	53.480	ug/l	99
78) n-propylbenzene	11.35	91	1595713	58.468	ug/l	99
79) 2-Chlorotoluene	11.42	91	923374	56.768	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1162264	58.744	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156183	58.808	ug/l	99
82) 4-Chlorotoluene	11.51	91	1075470	56.328	ug/l	98
83) tert-Butylbenzene	11.76	119	1095401	58.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1162611	58.153	ug/l	100
85) sec-Butylbenzene	11.94	105	1367635	58.849	ug/l	100
86) p-Isopropyltoluene	12.06	119	1264724	58.646	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	643440	54.251	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	634580	57.033	ug/l	98
89) n-Butylbenzene	12.38	91	1134001	57.512	ug/l	99
90) Hexachloroethane	12.59	117	221613	58.503	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	628461	54.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91674	53.328	ug/l	100

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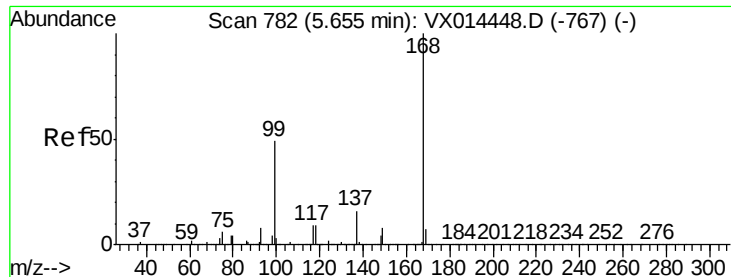
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	450861	55.295	ug/l	99
94) Hexachlorobutadiene	13.77	225	222112	58.139	ug/l	97
95) Naphthalene	13.83	128	1308619	51.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	443462	55.434	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: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 483303

Ion Ratio Lower Upper

168 100

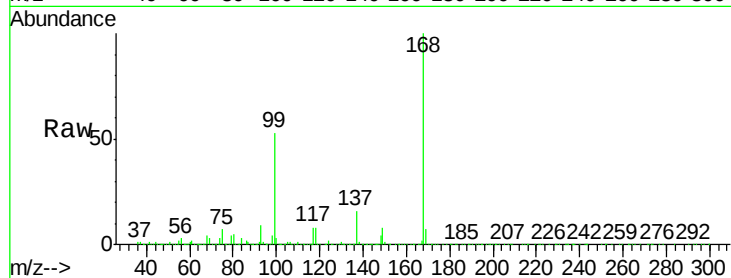
99 52.6 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

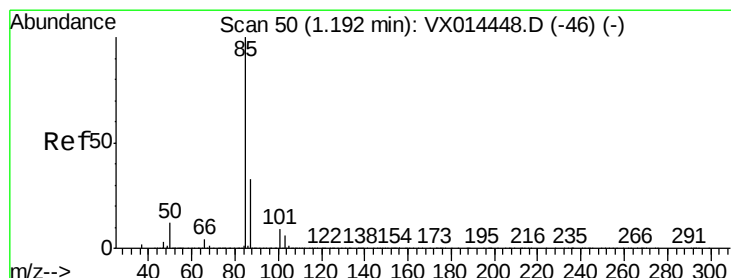
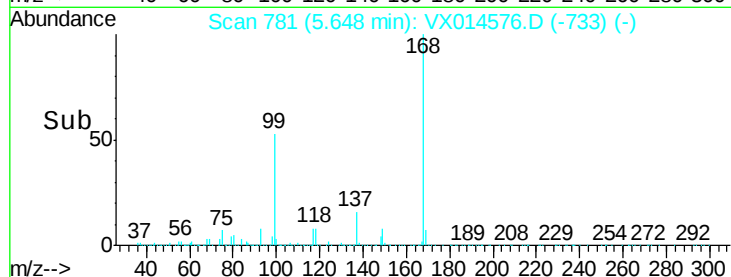
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.362 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014576.D

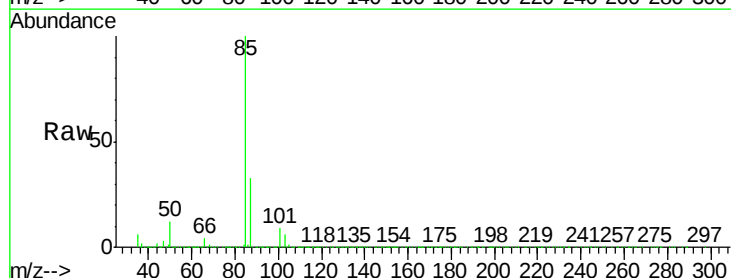
Acq: 13 Jan 2020 10:37

Tgt Ion: 85 Resp: 338387

Ion Ratio Lower Upper

85 100

87 32.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

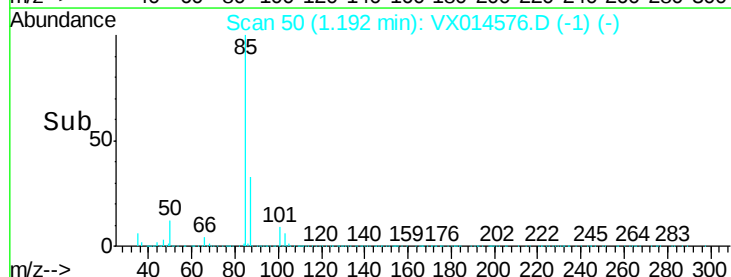
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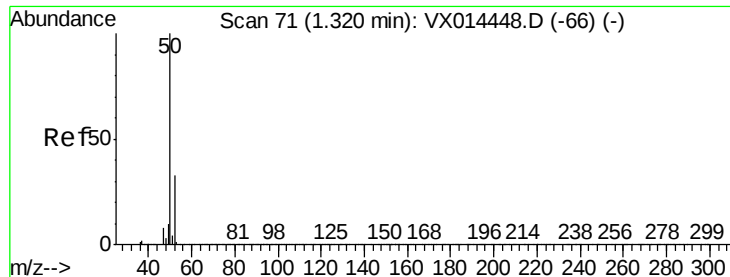
200000

100000

0

Time-->





#3

Chloromethane

Concen: 55.873 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 344212

Ion Ratio Lower Upper

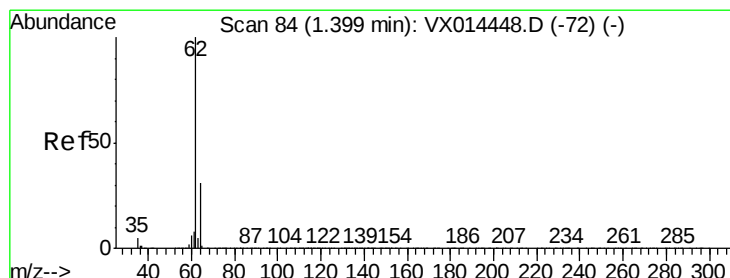
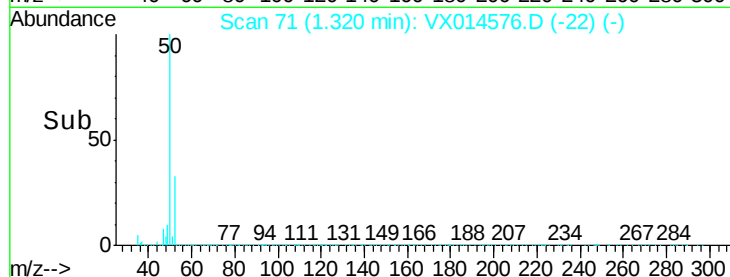
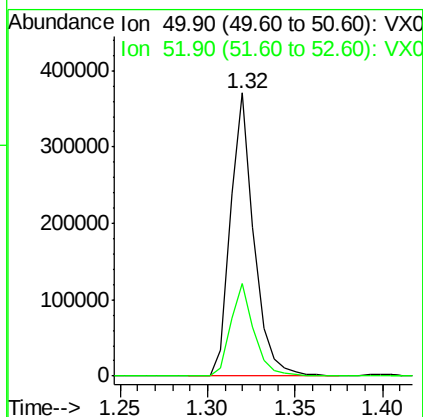
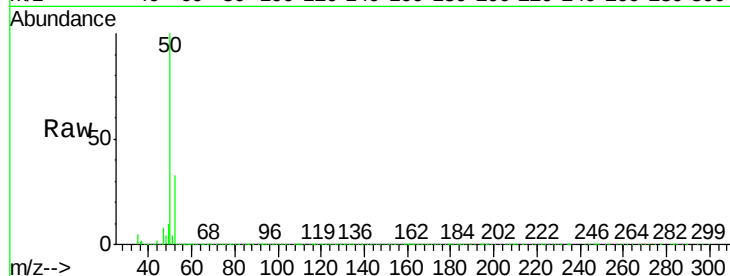
50 100

52 32.6 26.1 39.1

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 58.404 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014576.D

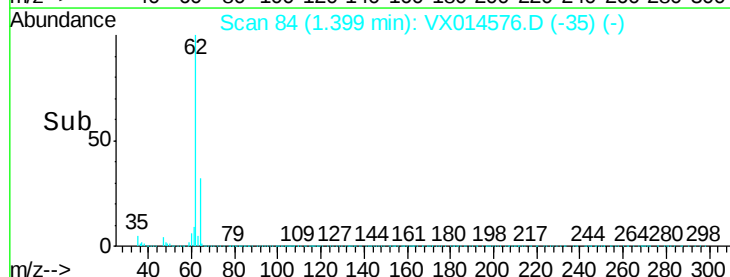
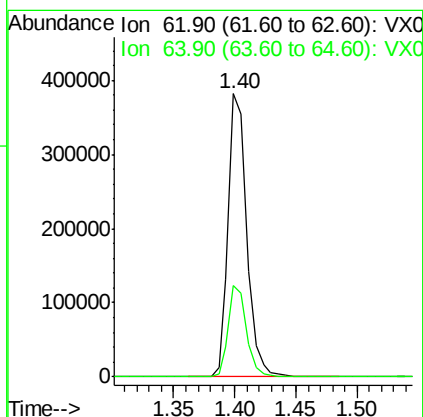
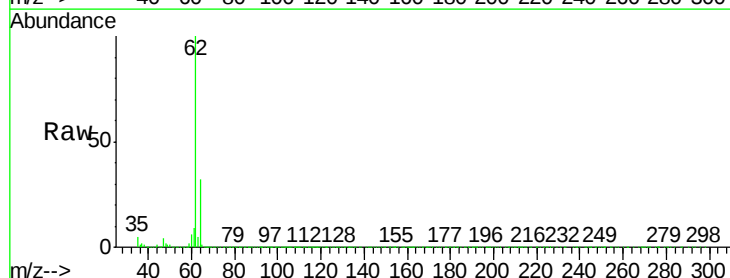
Acq: 13 Jan 2020 10:37

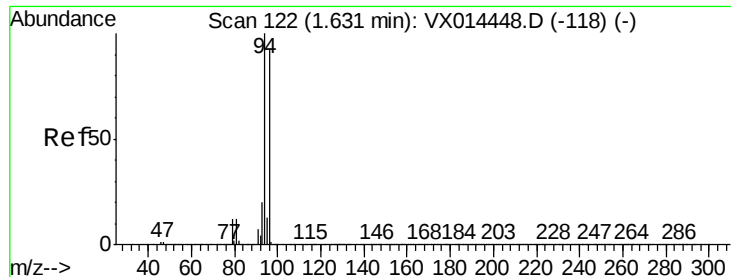
Tgt Ion: 62 Resp: 400938

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 55.375 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 251985

Ion Ratio Lower Upper

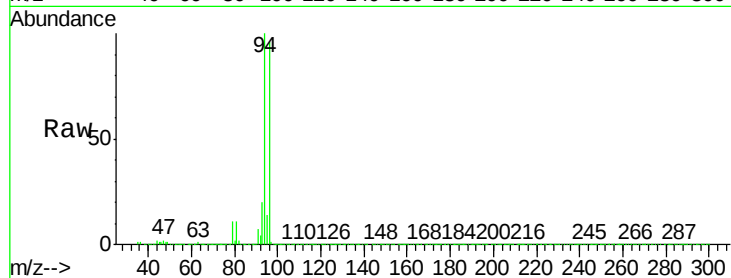
94 100

96 95.8 74.2 111.2

Manual Integrations
APPROVED

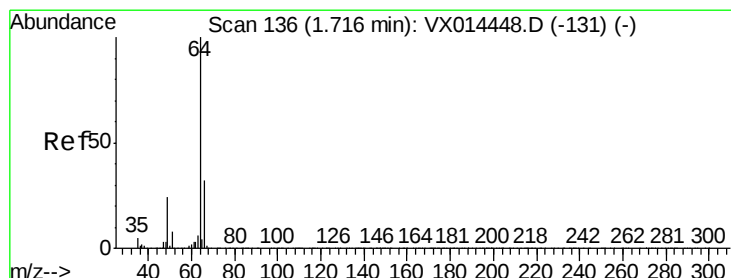
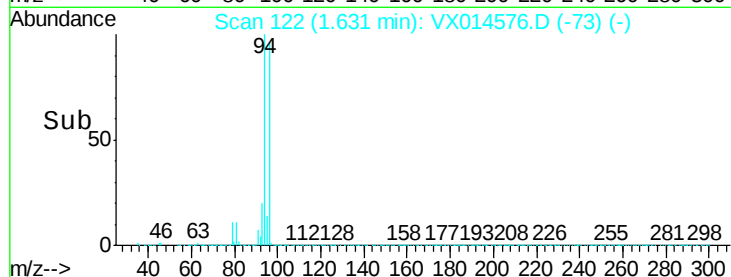
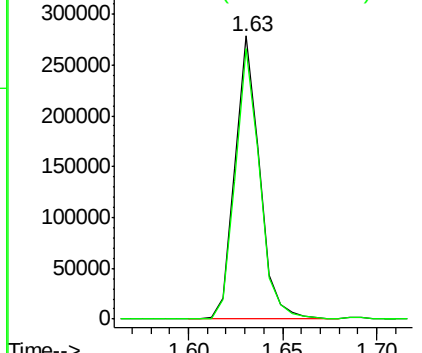
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.801 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014576.D

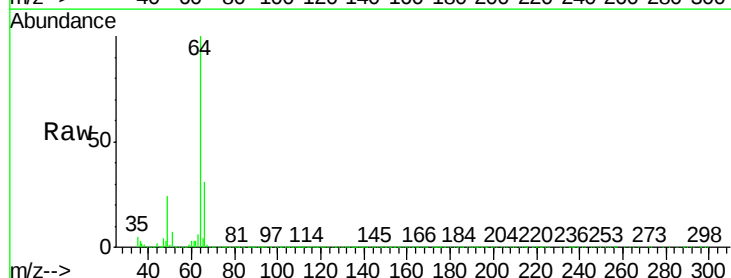
Acq: 13 Jan 2020 10:37

Tgt Ion: 64 Resp: 215472

Ion Ratio Lower Upper

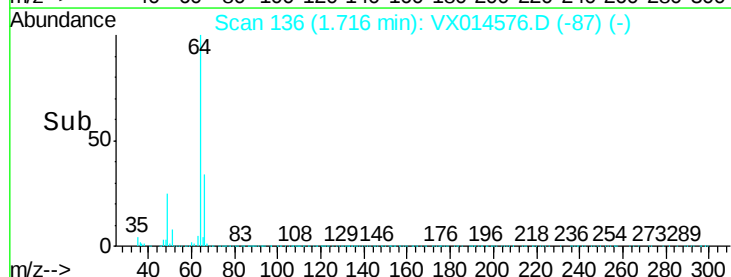
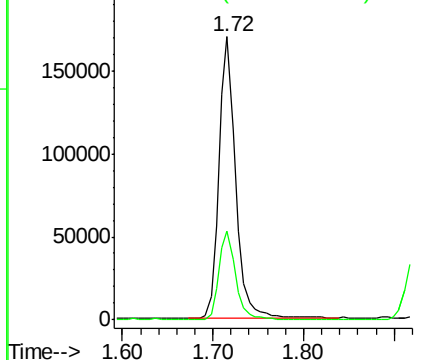
64 100

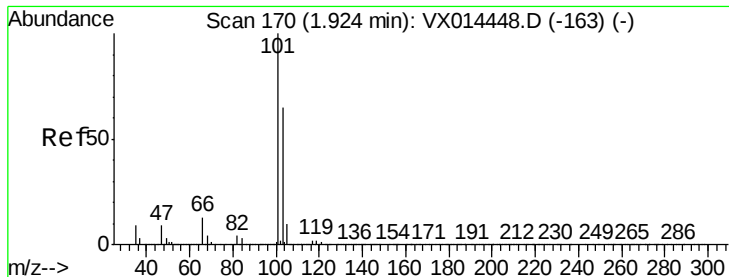
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

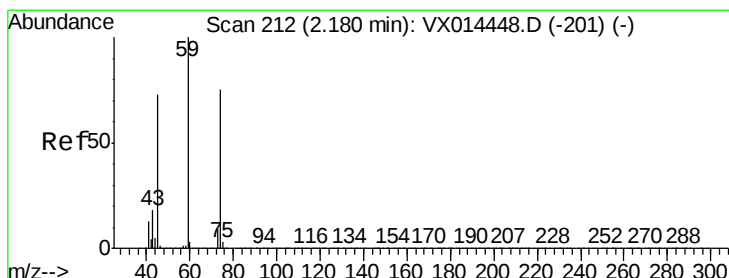
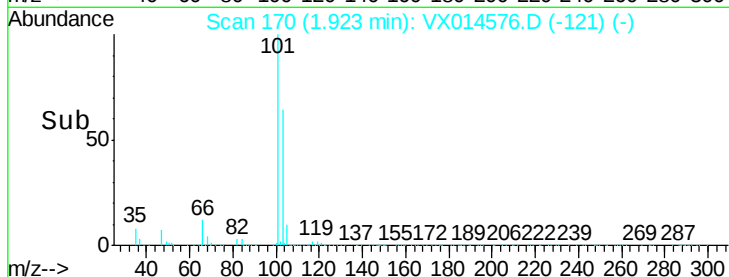
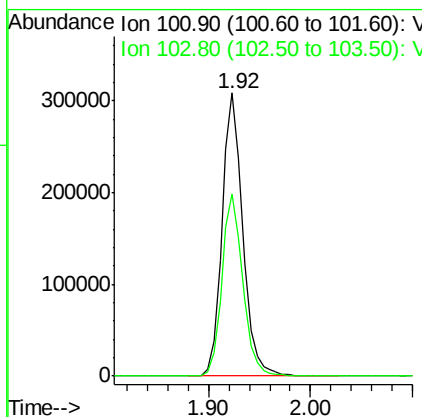
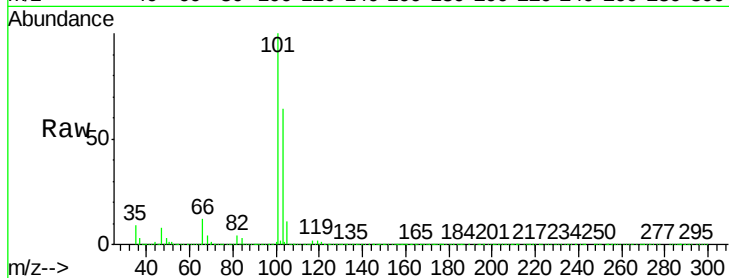
Trichlorofluoromethane
Concen: 55.788 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.2	78.4

Manual Integrations
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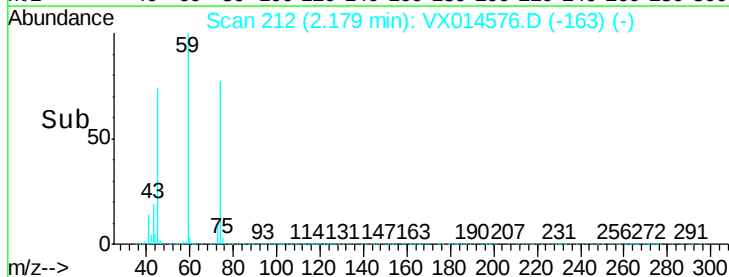
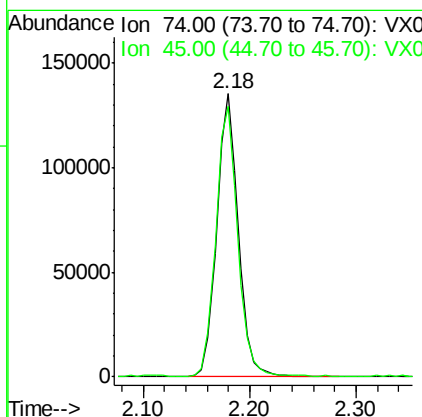
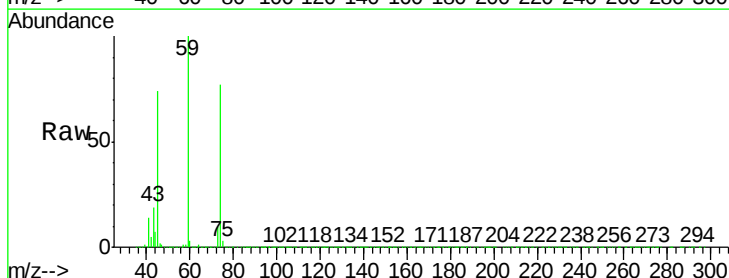
MMDadoda
1/14/2020 3:08:49 PM

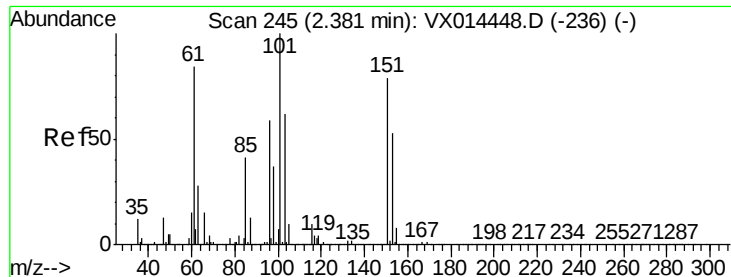


#8

Diethyl Ether
Concen: 52.790 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.209 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

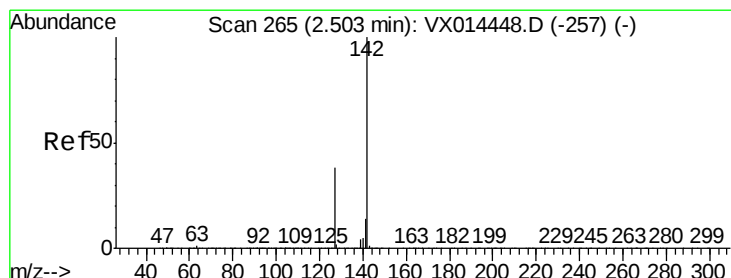
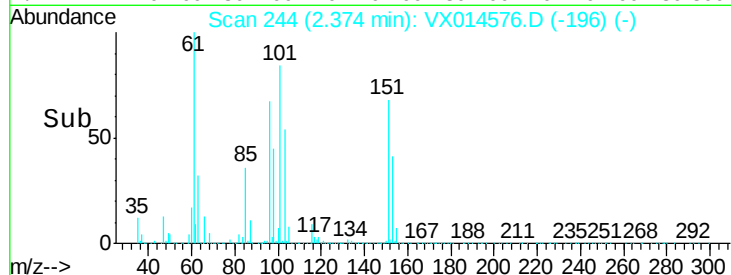
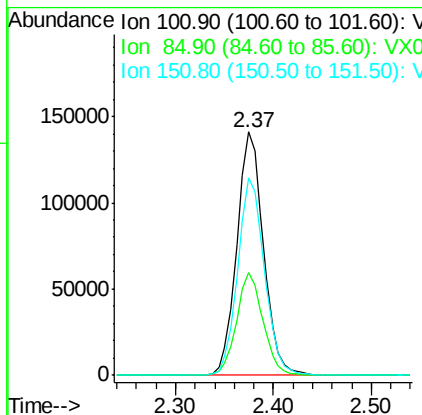
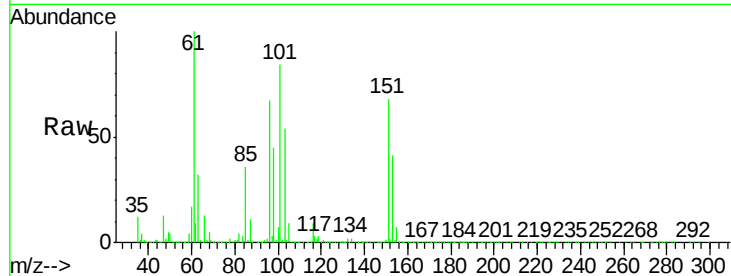
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	266299
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	81.3	65.3	97.9

Manual Integrations
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#10

Methyl Iodide

Concen: 60.955 ug/l

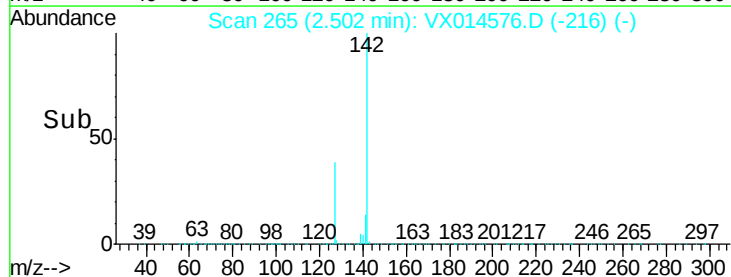
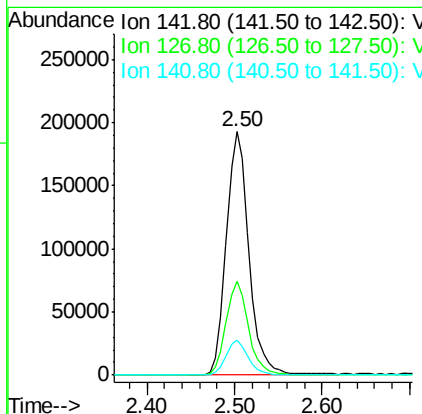
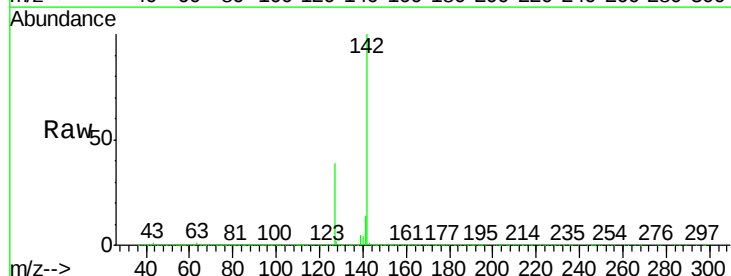
RT: 2.50 min Scan# 265

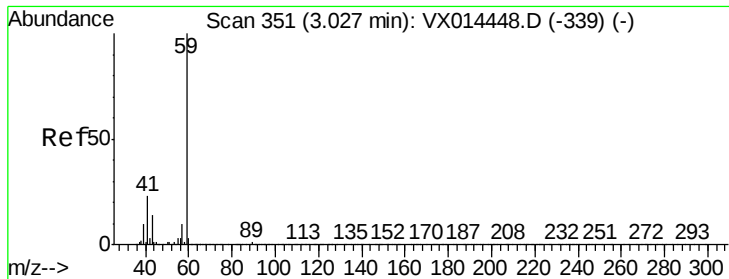
Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	142	Resp:	345798
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.2	46.8
141	14.3	11.4	17.2





#11

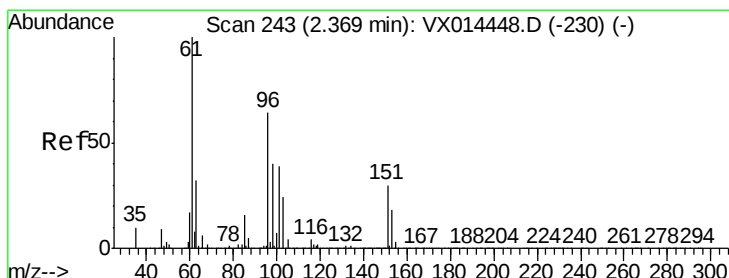
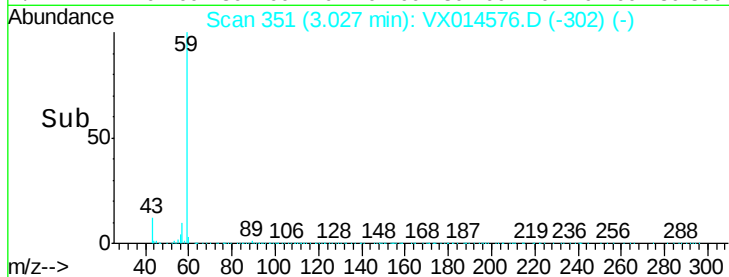
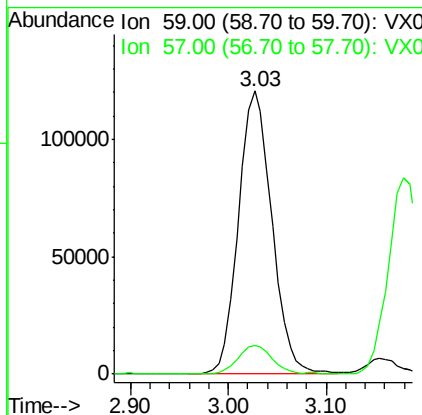
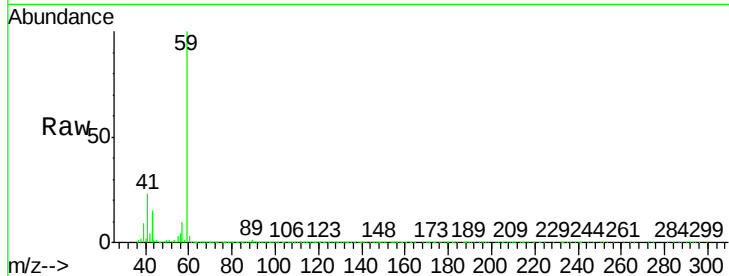
Tert butyl alcohol
Concen: 253.050 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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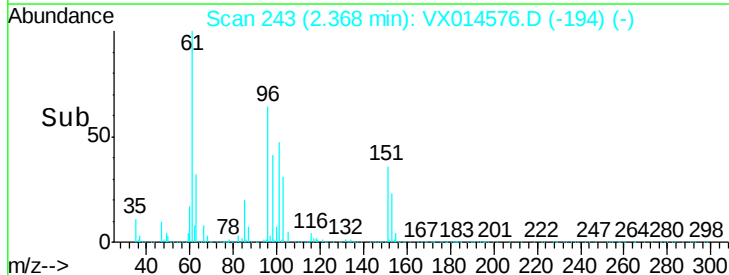
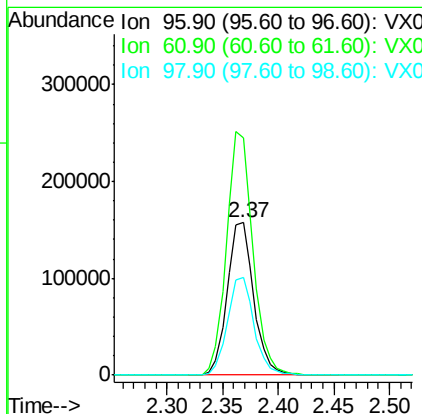
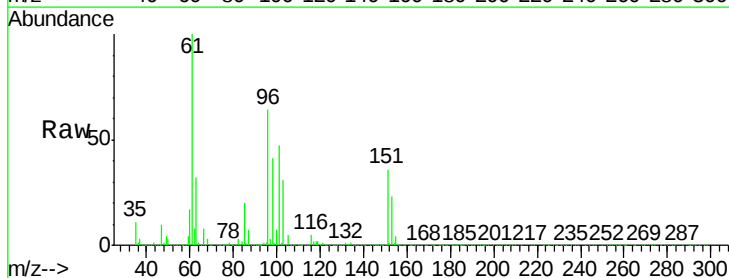
MMDadoda
1/14/2020 3:08:49 PM

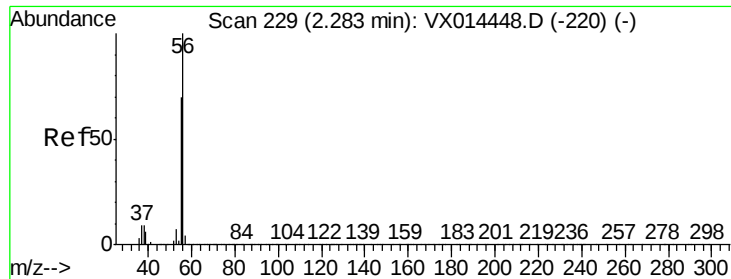


#12

1,1-Dichloroethene
Concen: 54.065 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	125.0	187.6
98	64.3	50.2	75.2





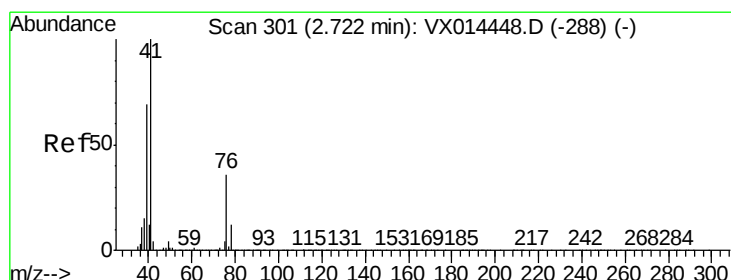
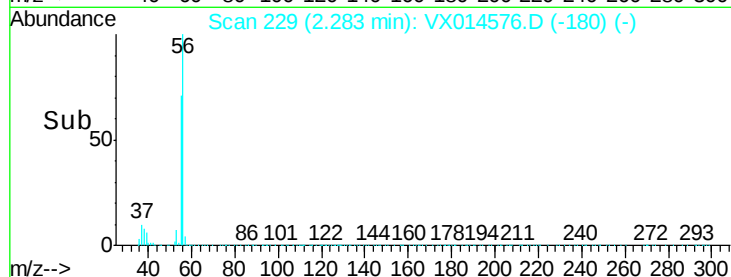
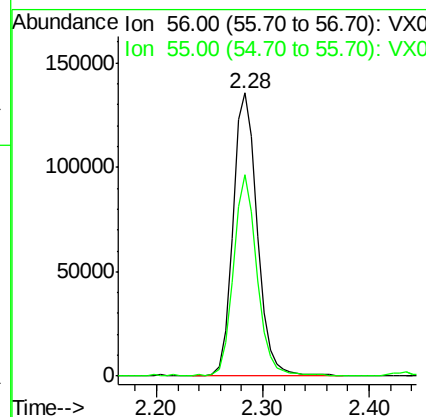
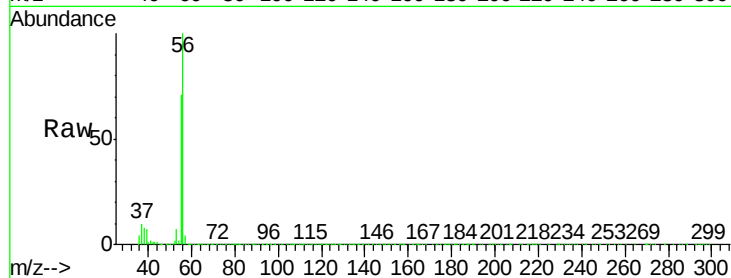
#13
Acrolein
Concen: 238.103 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.0	82.6

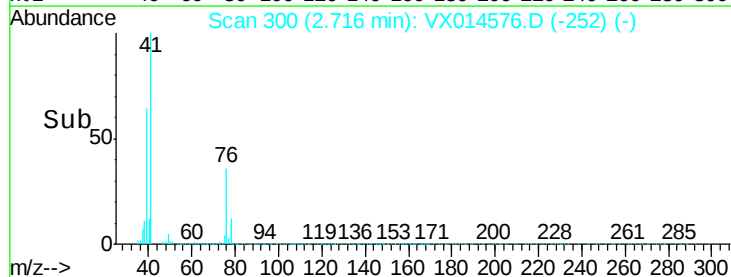
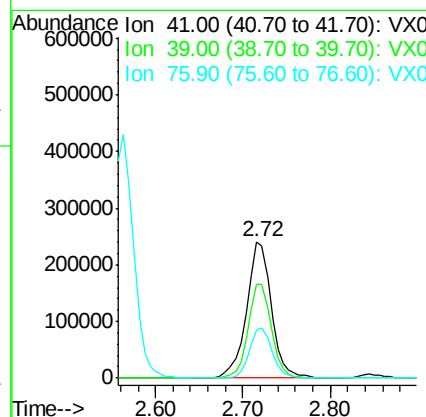
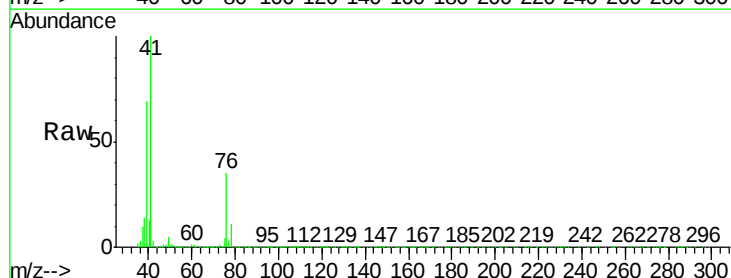
Manual Integrations
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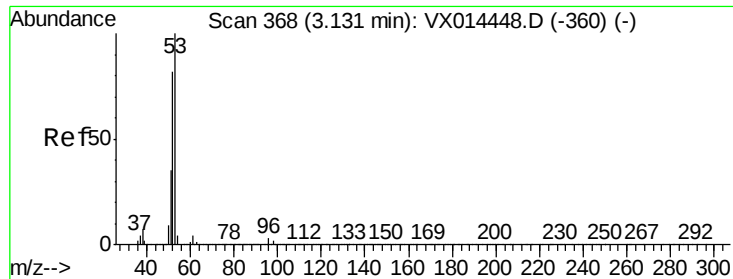
MMDadoda
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#14
Allyl chloride
Concen: 56.302 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.7	77.5
76	33.4	26.8	40.2





#15

Acrylonitrile

Concen: 273.377 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

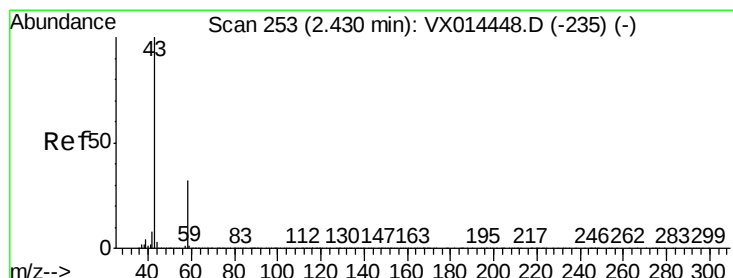
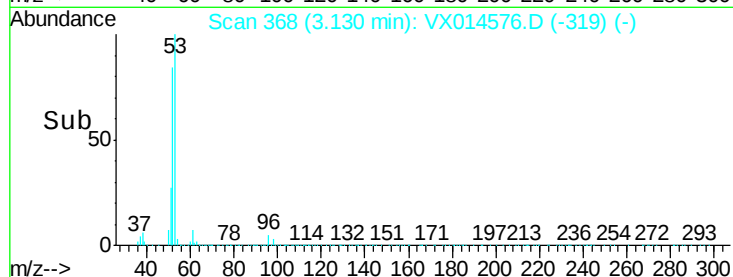
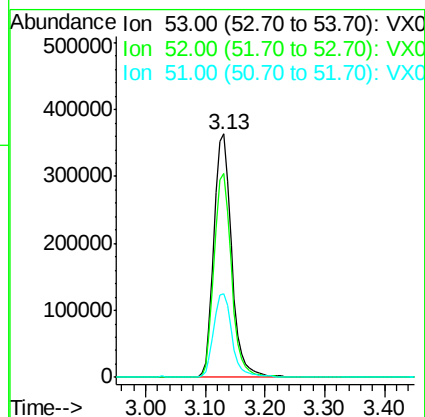
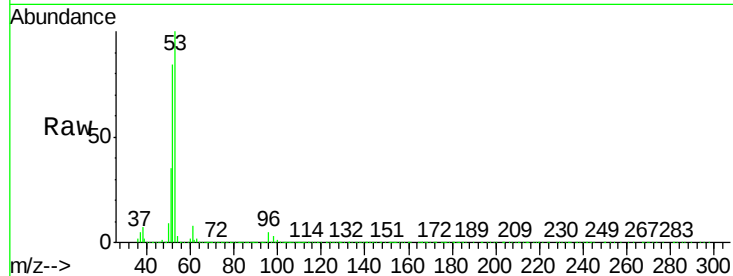
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	743288
Ion Ratio	Lower	Upper	
53	100		
52	82.2	67.0	100.4
51	35.7	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 287.154 ug/l

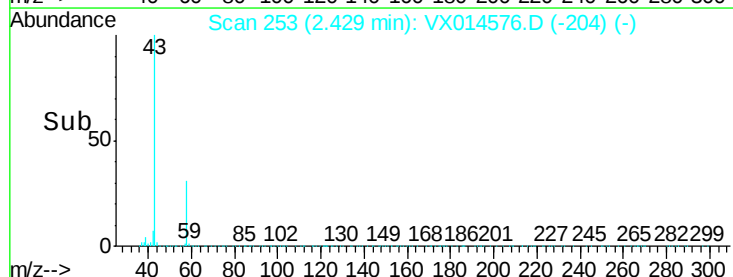
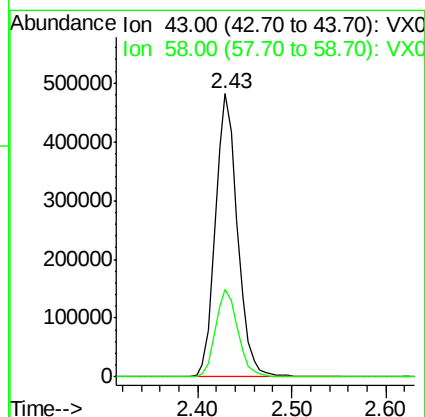
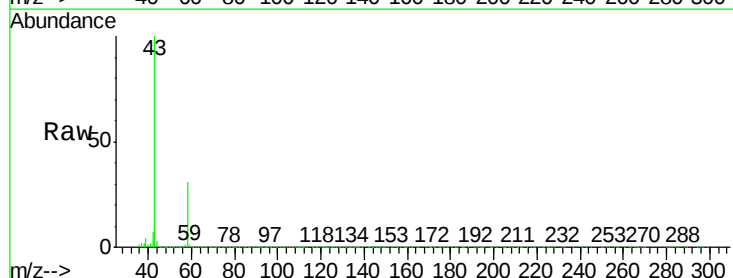
RT: 2.43 min Scan# 253

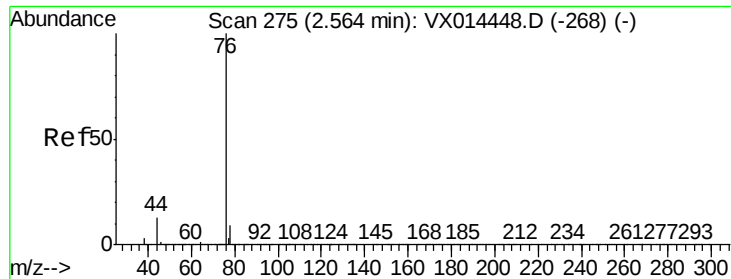
Delta R.T. 0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	43	Resp:	775130
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.4	38.0





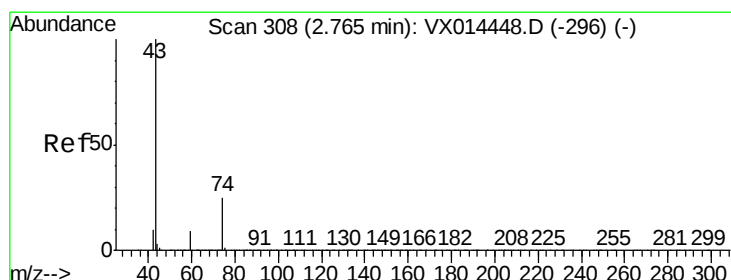
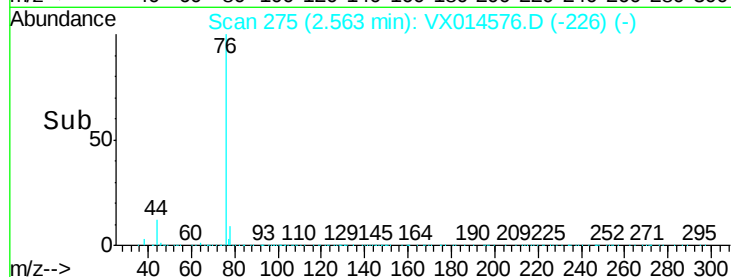
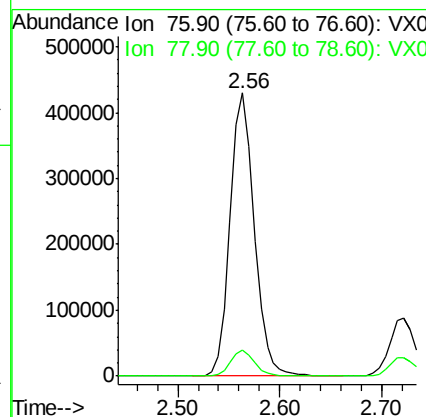
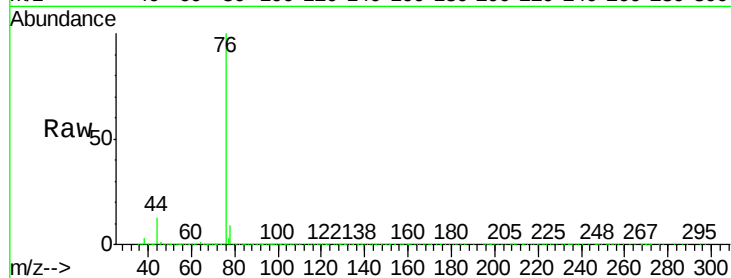
#17
Carbon Disulfide
Concen: 53.132 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

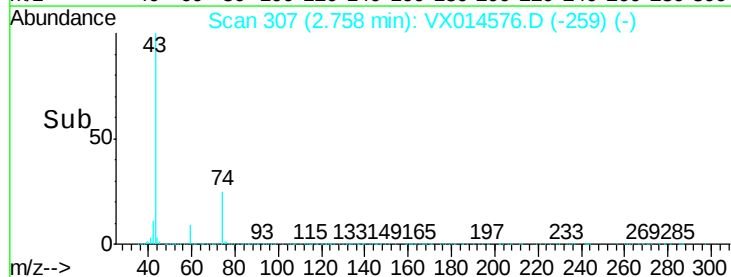
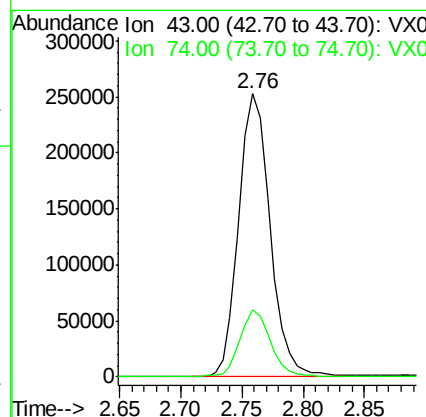
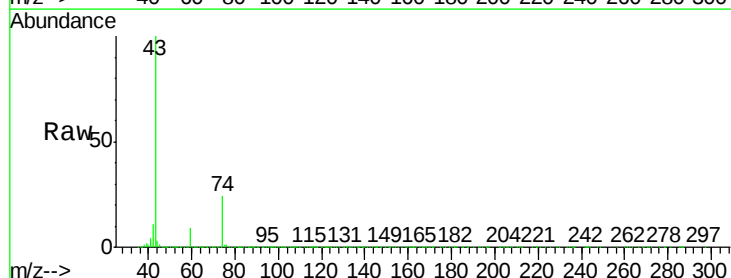
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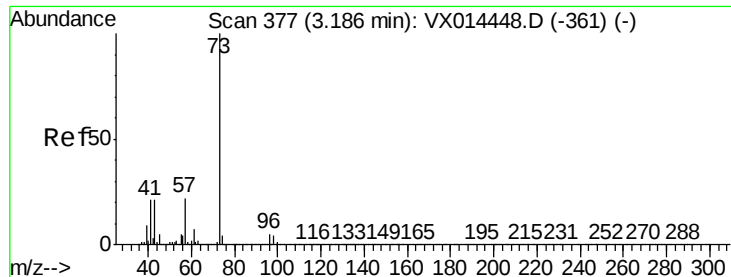
MMDadoda
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#18
Methyl Acetate
Concen: 58.051 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.4	29.2





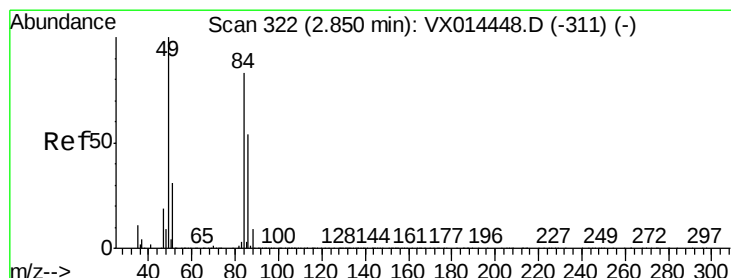
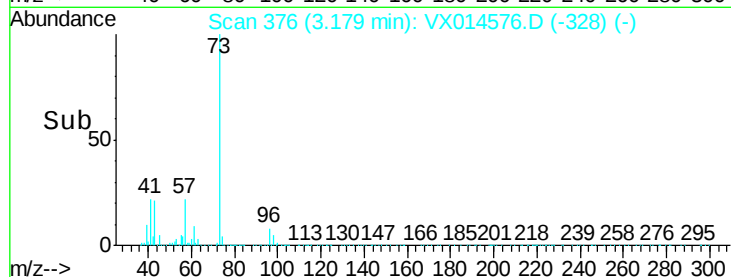
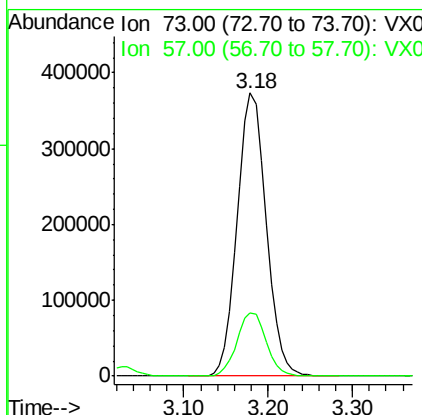
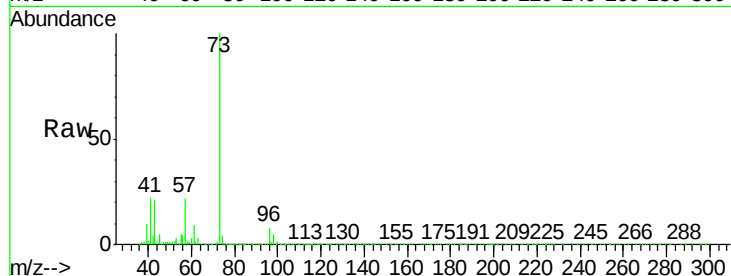
#19
Methvl tert-butvl Ether
Concen: 56.564 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.8

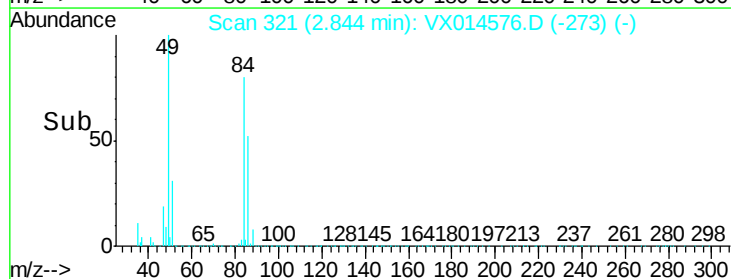
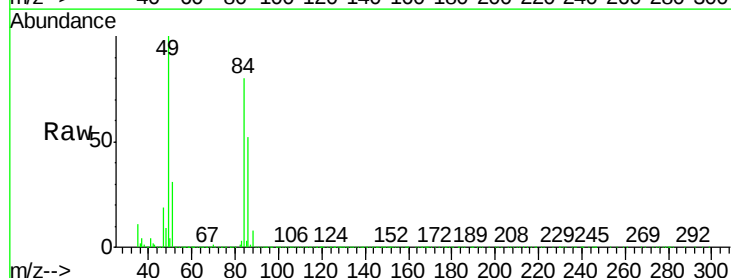
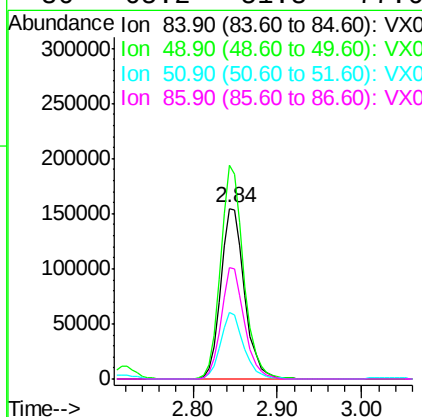
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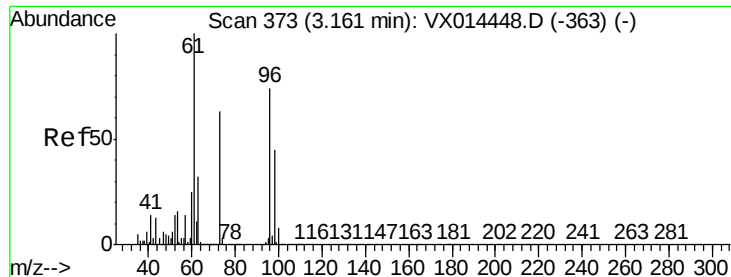
MMDadoda
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#20
Methylene Chloride
Concen: 55.392 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.0	95.8	143.8
51	38.9	30.2	45.4
86	65.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 52.975 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

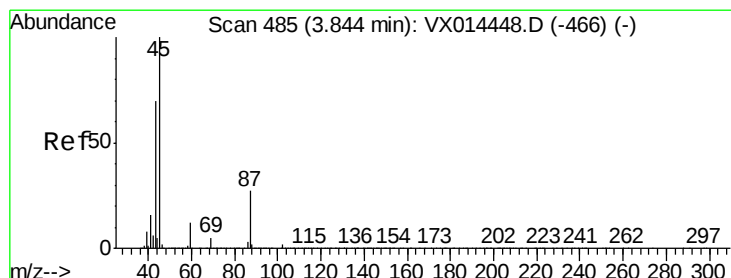
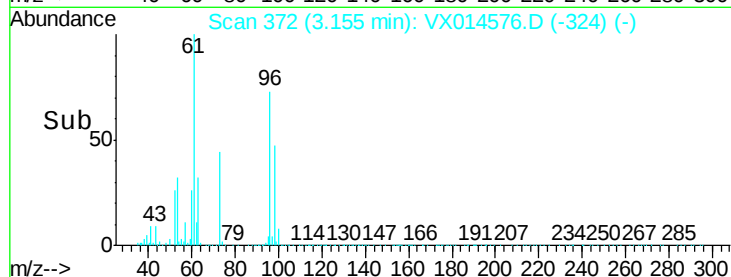
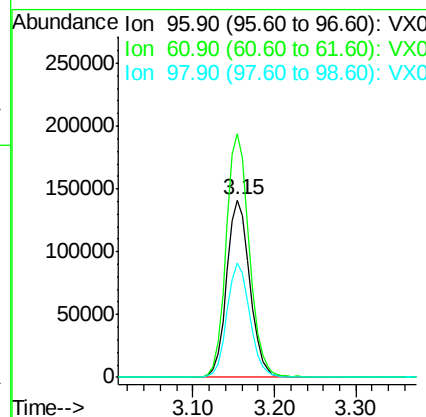
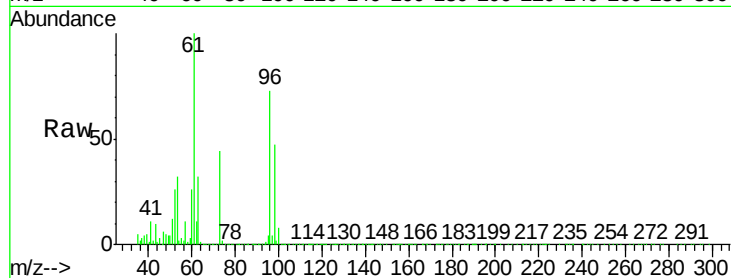
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	276061
Ion	Ratio	Lower	Upper
96	100		
61	137.0	108.2	162.4
98	64.1	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 58.167 ug/l

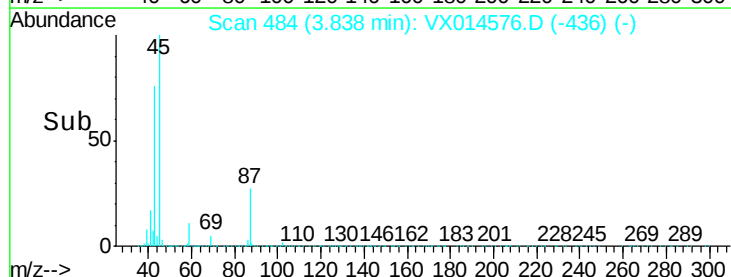
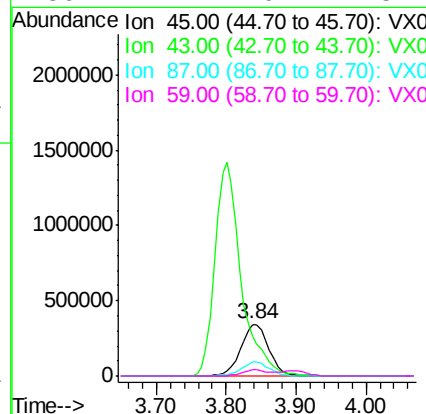
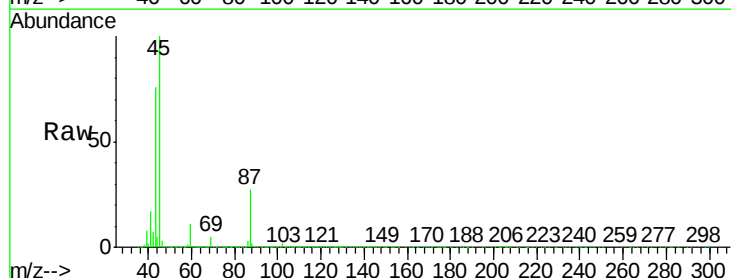
RT: 3.84 min Scan# 484

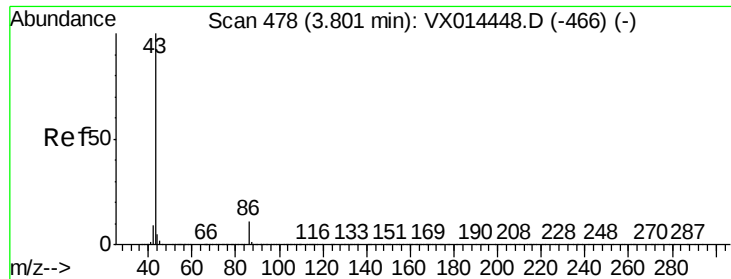
Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	45	Resp:	942036
Ion	Ratio	Lower	Upper
45	100		
43	75.8	55.8	83.6
87	27.3	21.8	32.8
59	11.4	9.1	13.7





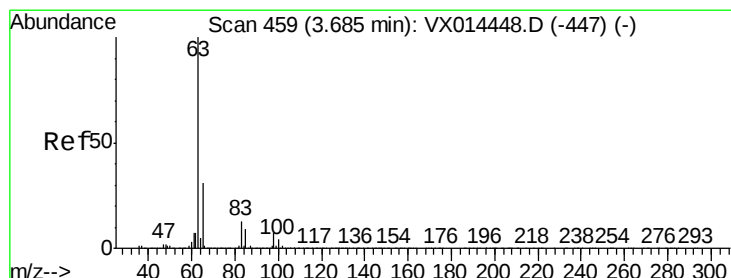
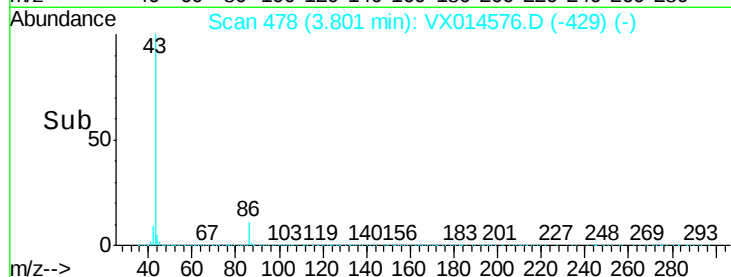
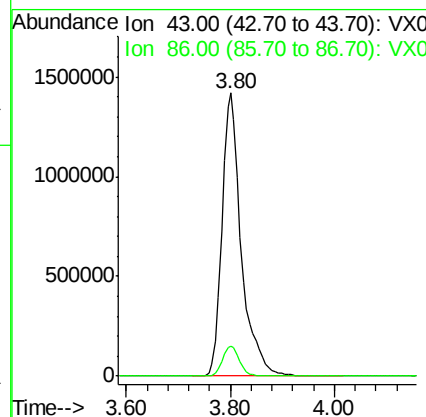
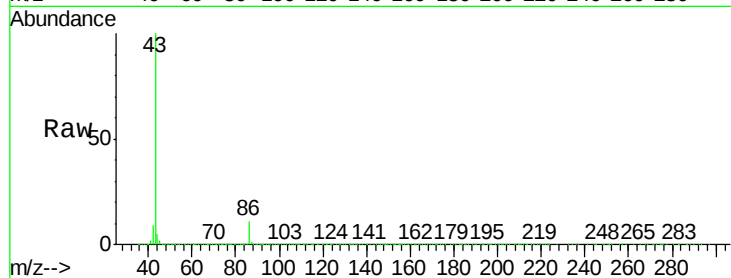
#23
 Vinyl Acetate
 Concen: 295.404 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 3704019
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6

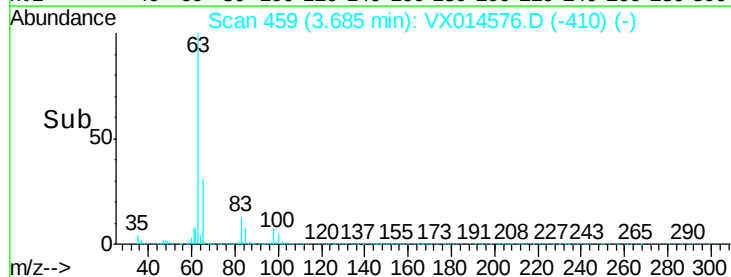
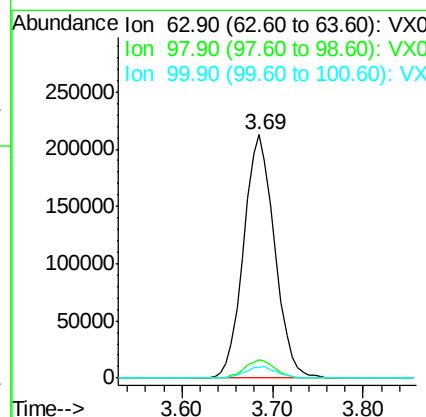
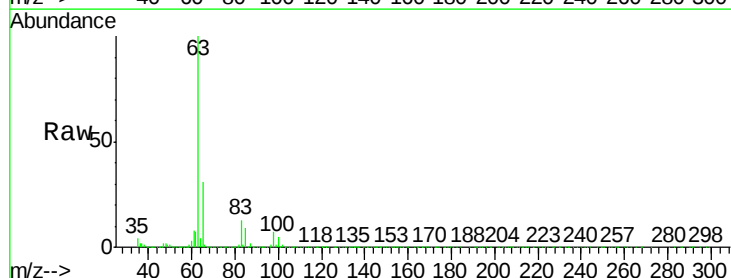
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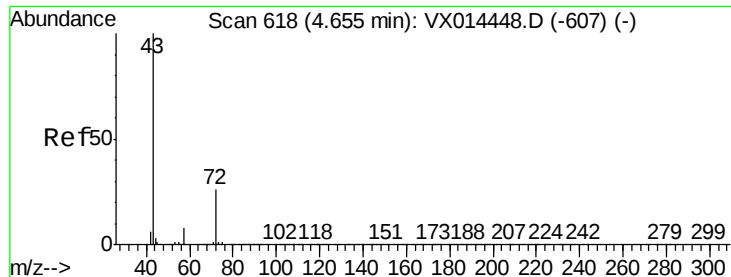
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 56.845 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Tgt Ion: 63 Resp: 500821
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 271.678 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1094905

Ion Ratio Lower Upper

43 100

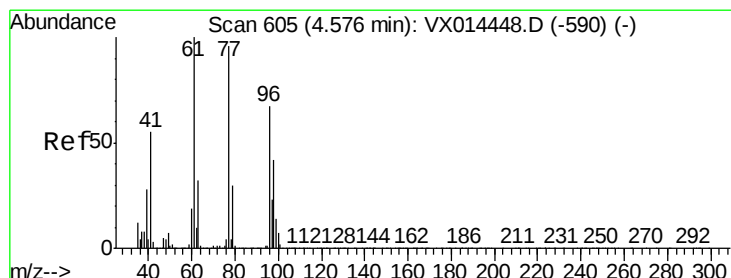
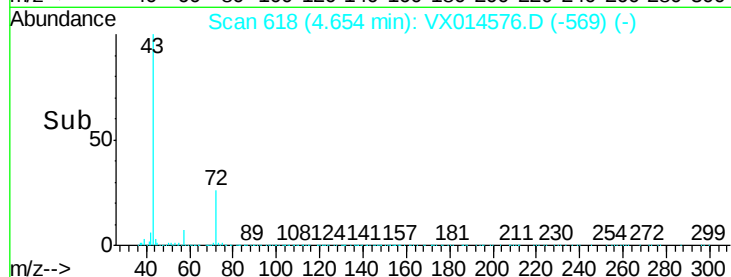
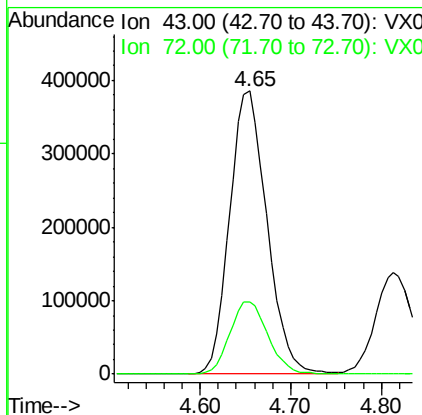
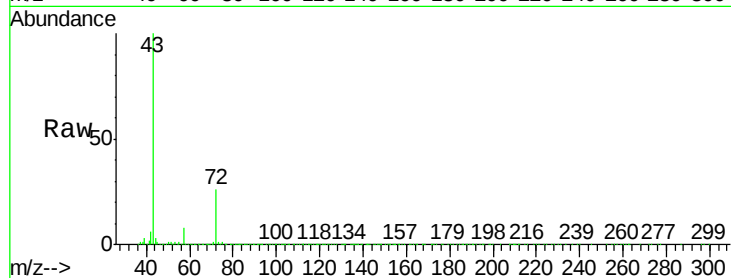
72 25.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 57.003 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014576.D

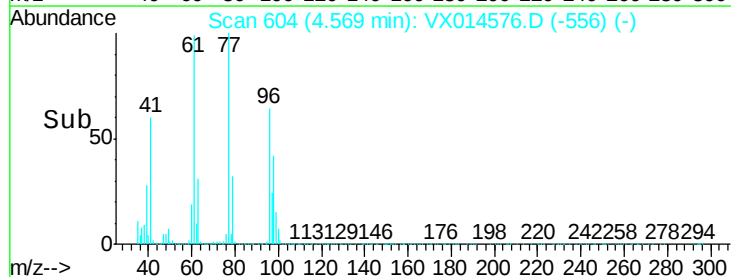
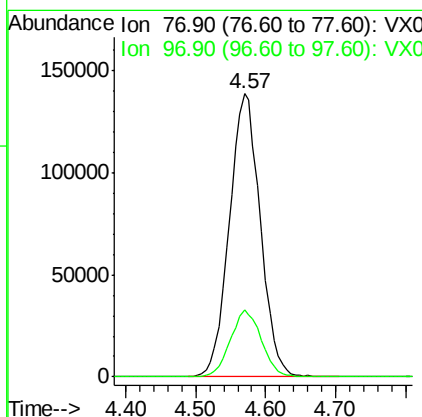
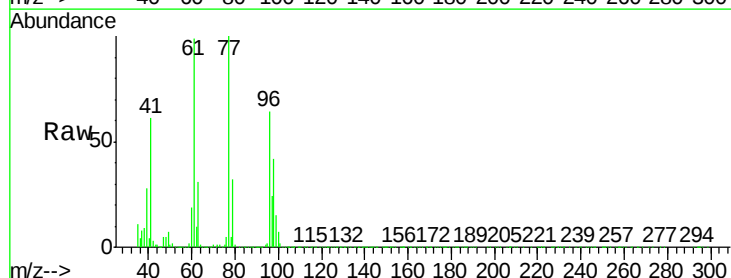
Acq: 13 Jan 2020 10:37

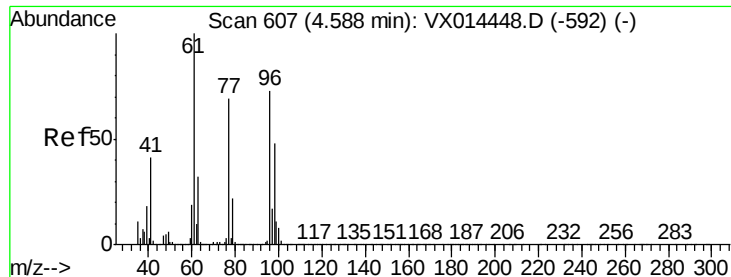
Tgt Ion: 77 Resp: 425431

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1





#27

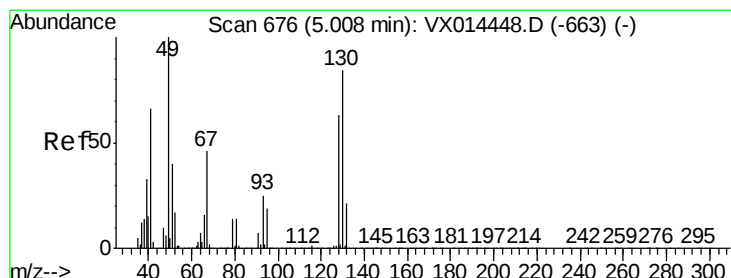
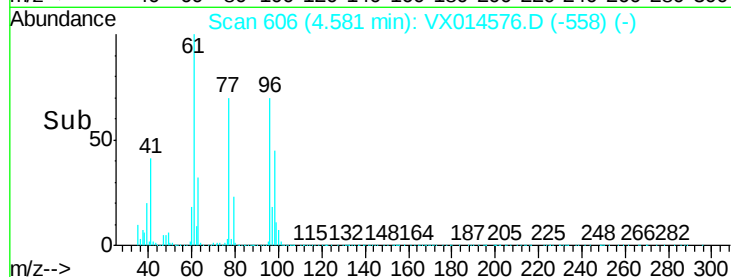
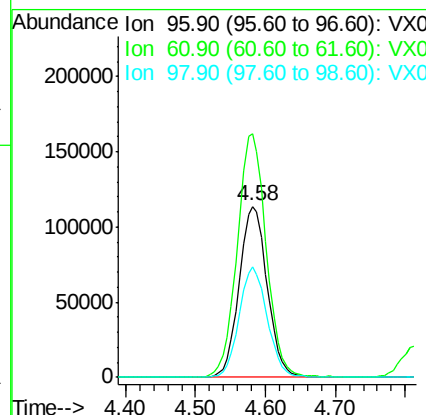
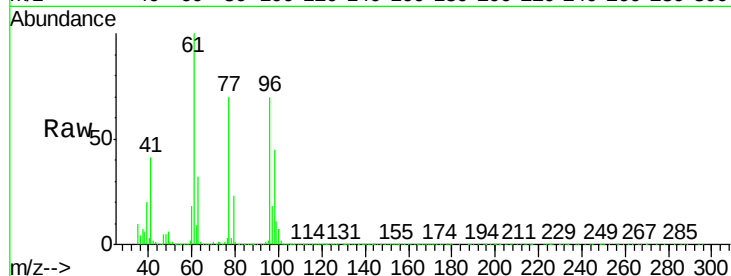
cis-1,2-Dichloroethene
 Concen: 54.549 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	285.4
98	64.7	0.0	130.6

Manual Integrations
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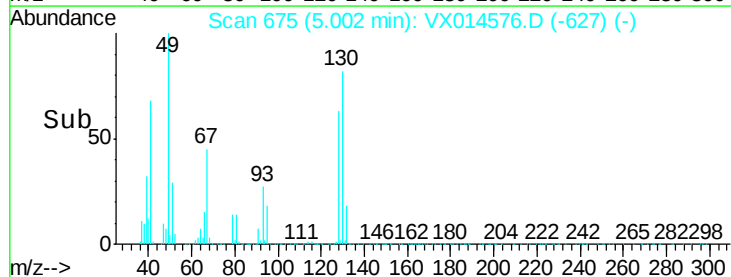
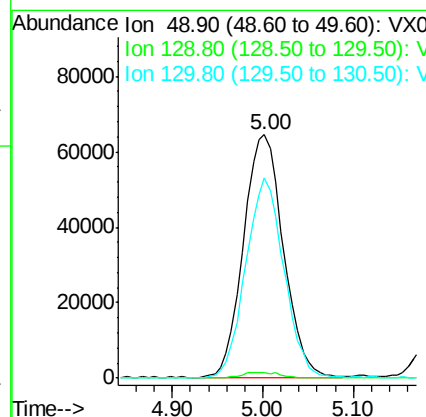
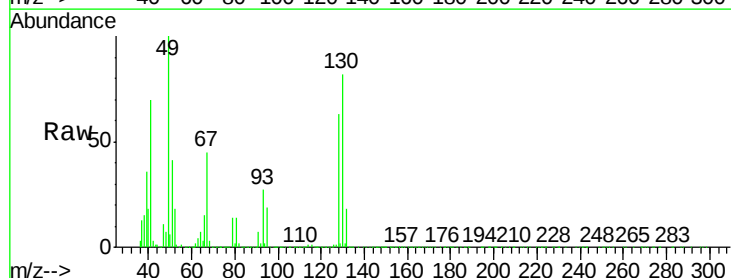
MMDadoda
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#28

Bromochloromethane
 Concen: 52.855 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	79.3	67.0	100.4





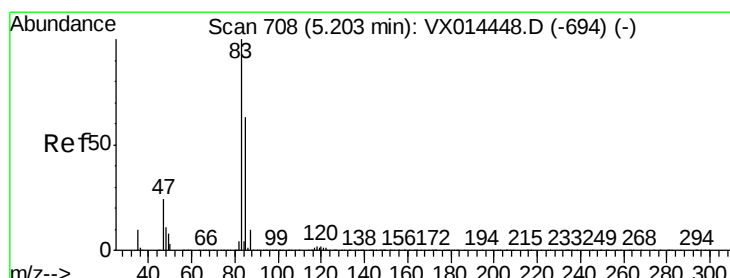
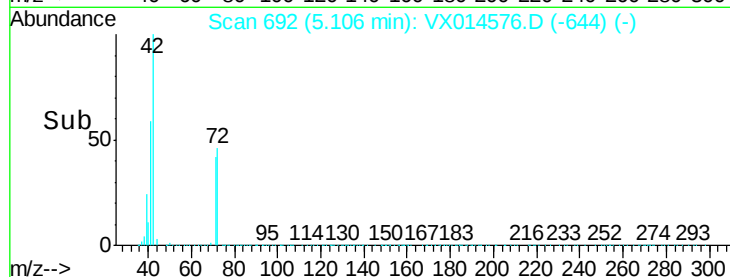
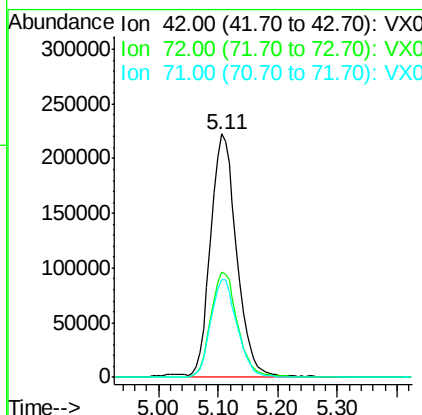
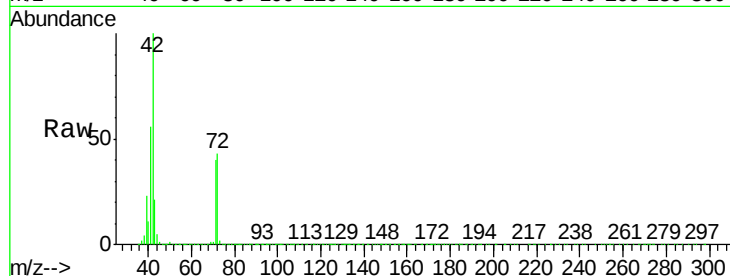
#29
Tetrahydrofuran
Concen: 280.554 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.2	54.4
71	40.5	34.1	51.1

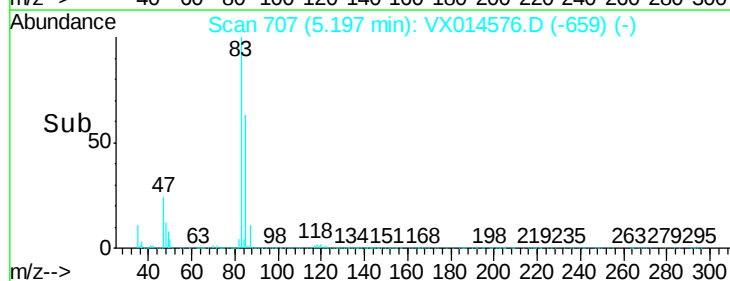
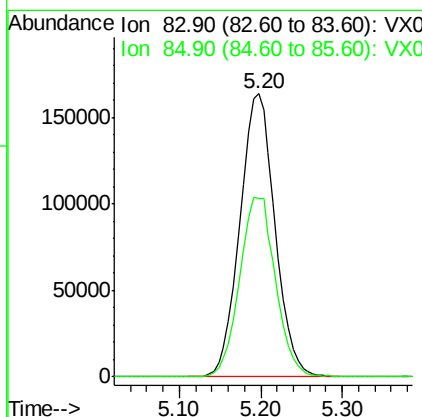
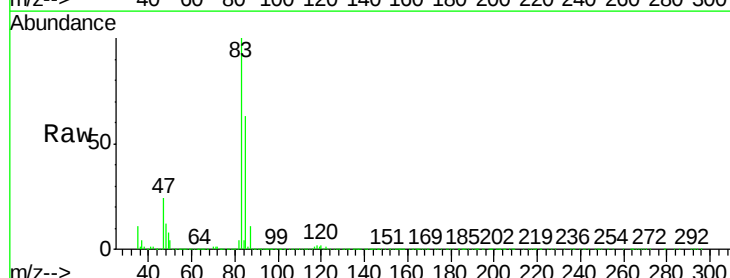
Manual Integrations
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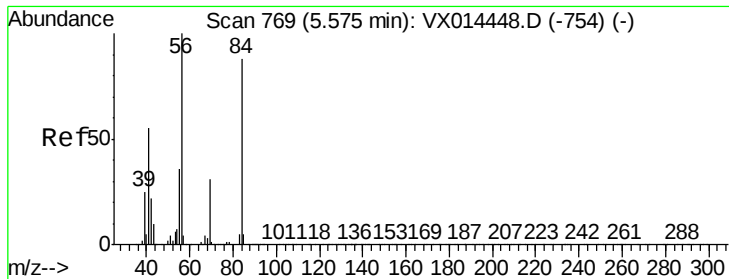
MMDadoda
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#30
Chloroform
Concen: 56.736 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.6	75.8





#31

Cyclohexane

Concen: 58.783 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

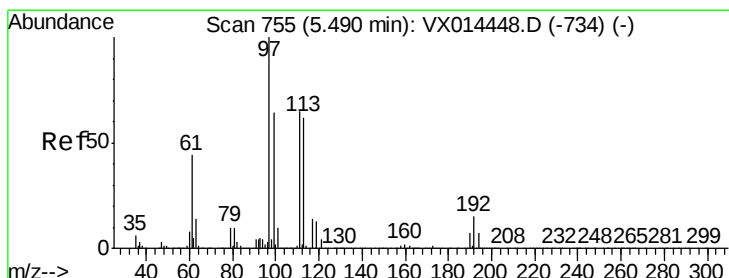
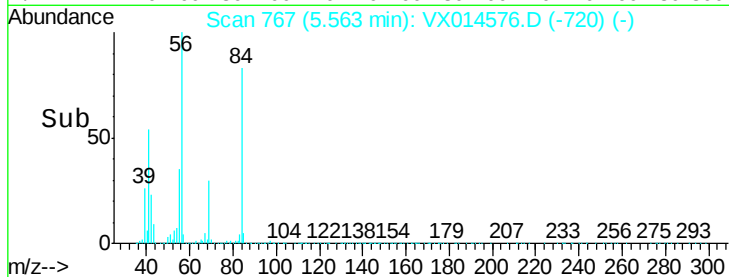
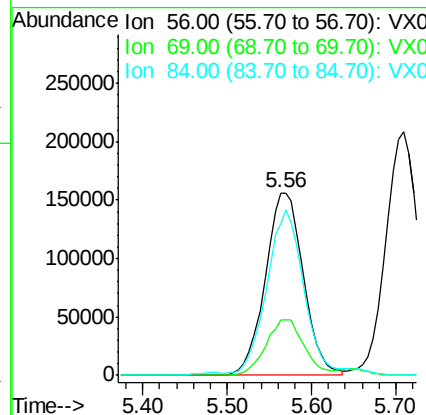
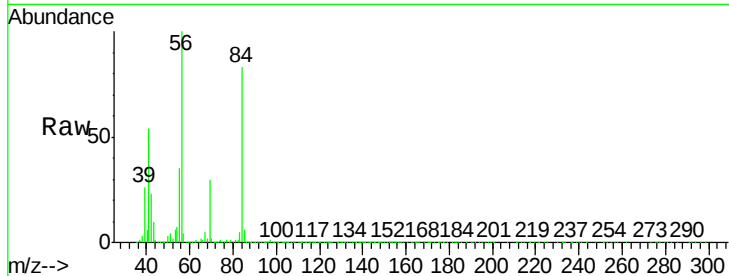
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	484758
Ion Ratio		Lower	Upper
56	100		
69	30.2	24.4	36.6
84	82.8	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 57.657 ug/l

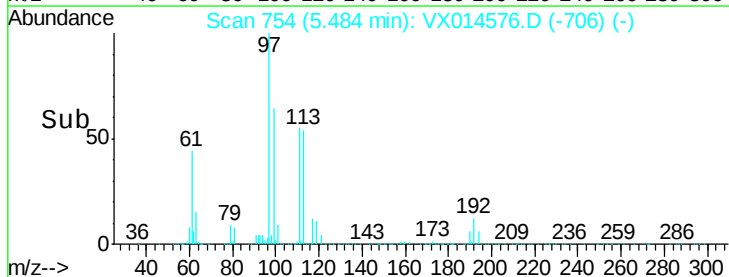
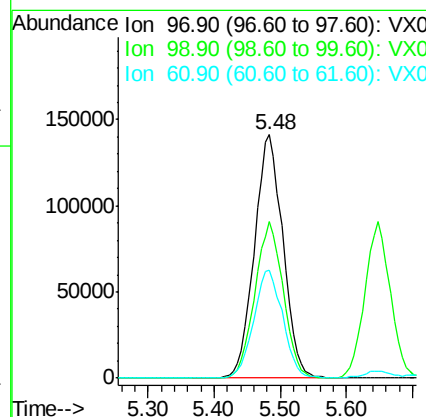
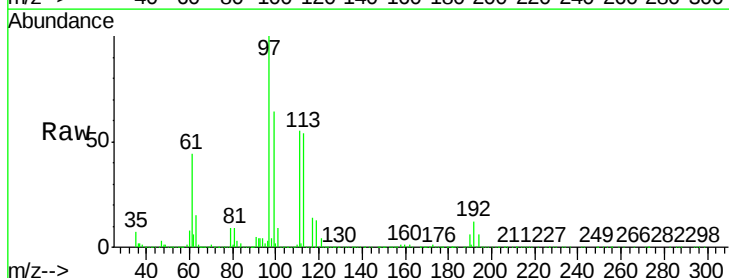
RT: 5.48 min Scan# 754

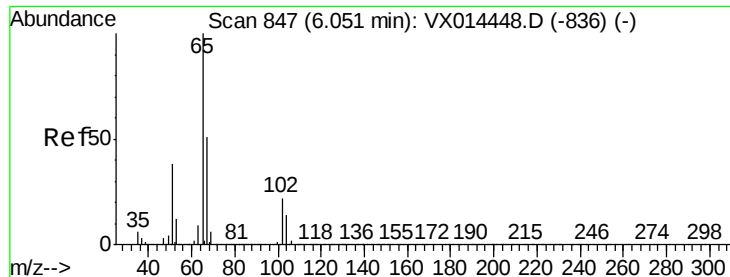
Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	97	Resp:	424890
Ion Ratio		Lower	Upper
97	100		
99	63.4	51.8	77.6
61	44.7	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 48.706 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 262781

Ion Ratio Lower Upper

65 100

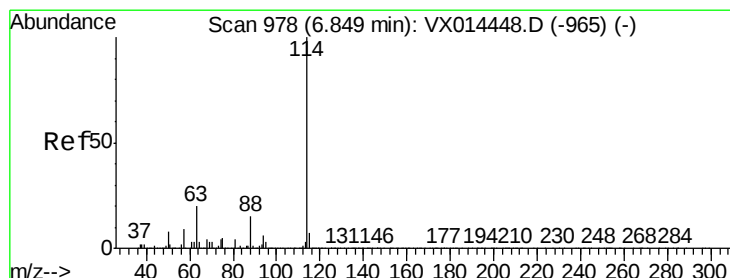
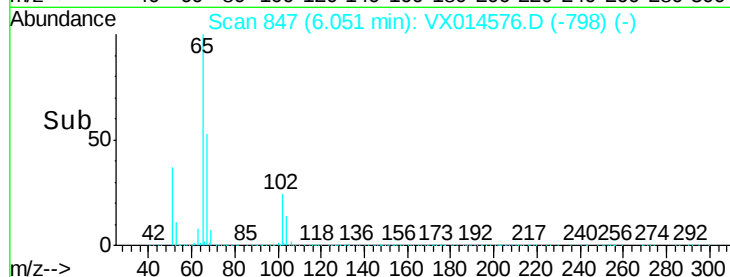
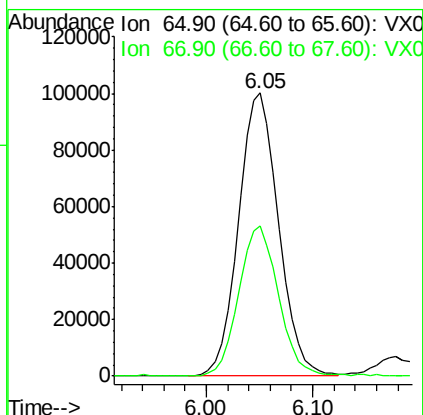
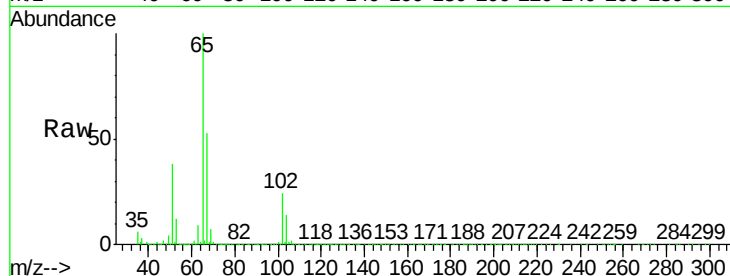
67 52.6 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

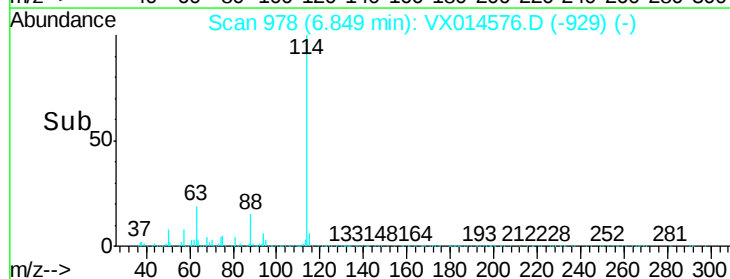
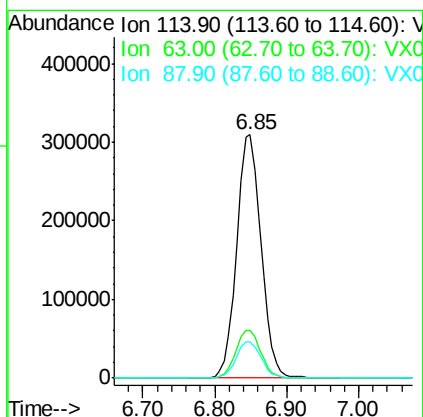
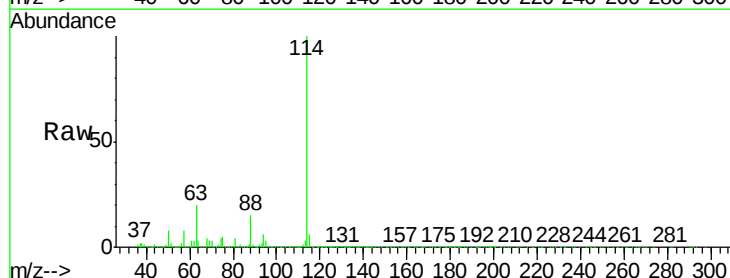
Tgt Ion: 114 Resp: 726043

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 14.7 0.0 30.8





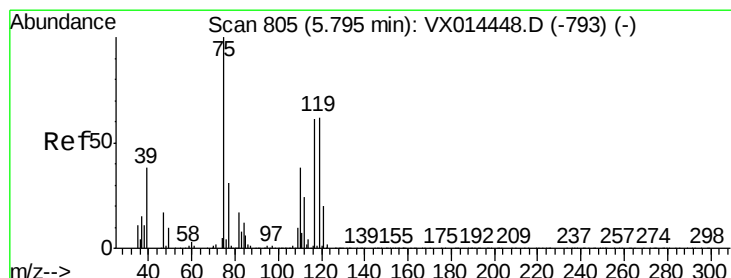
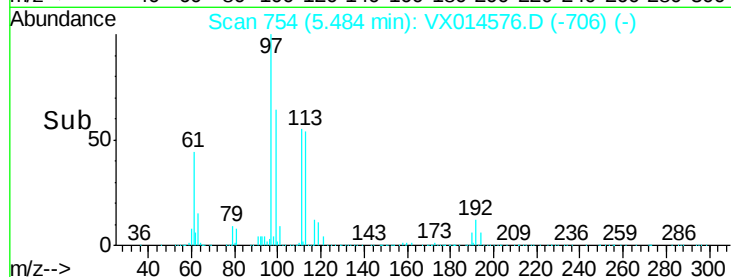
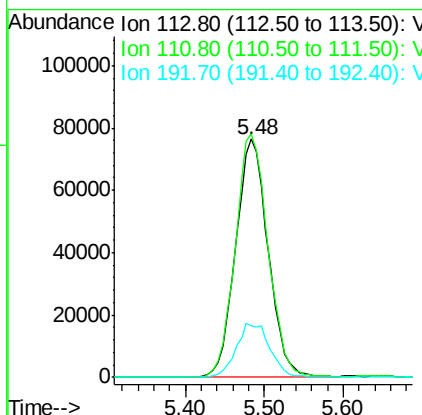
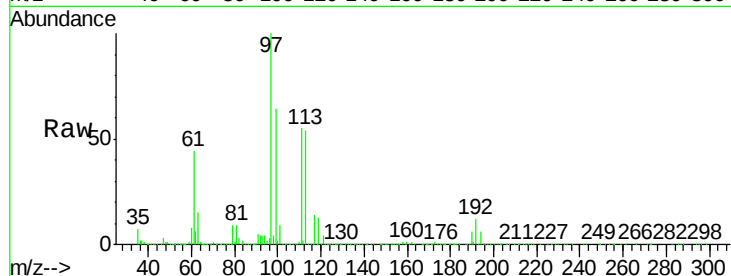
#35
Dibromofluoromethane
Concen: 49.412 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	217170		
111	103.2	81.5	122.3	
192	23.2	19.2	28.8	

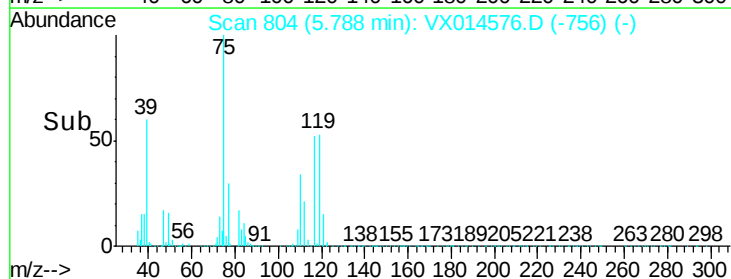
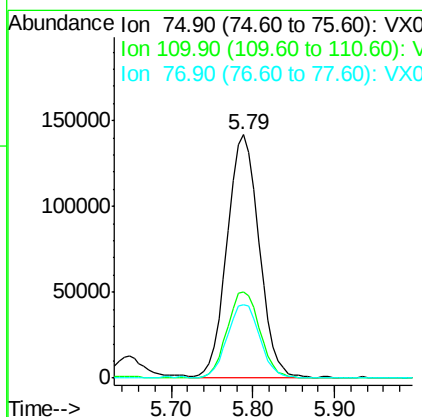
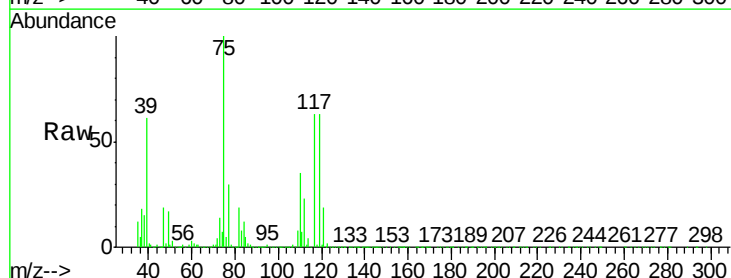
Manual Integrations
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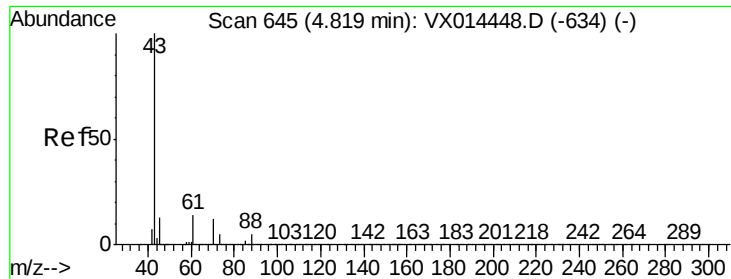
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#36
1,1-Dichloropropene
Concen: 56.141 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	383317		
110	36.4	18.6	55.8	
77	30.3	24.5	36.7	





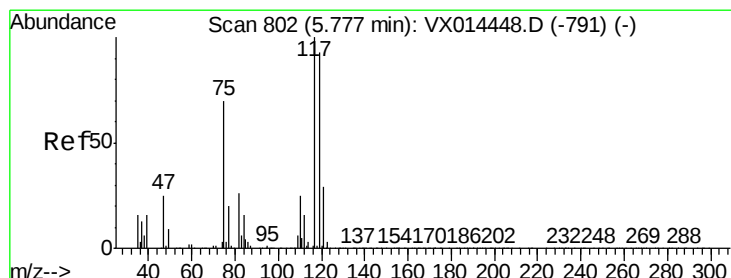
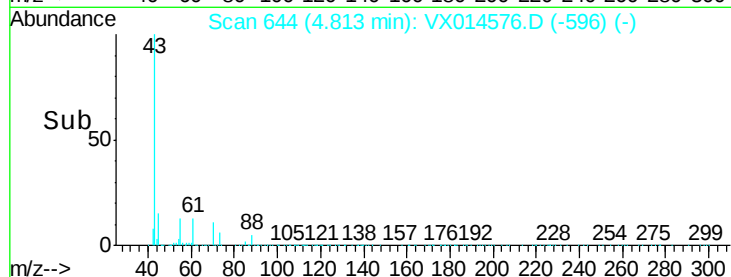
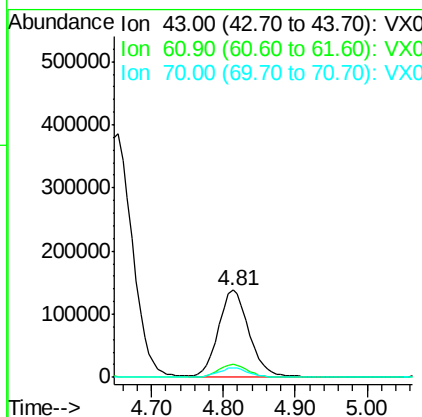
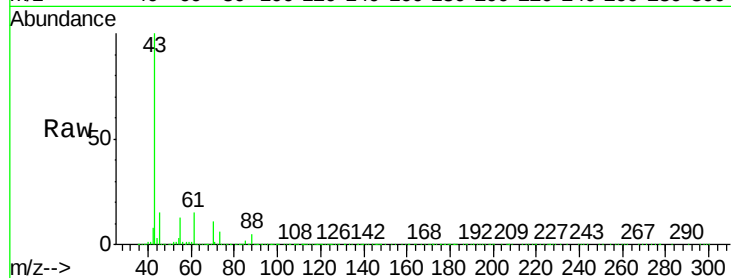
#37
Ethyl Acetate
Concen: 54.959 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	10.5	8.9	13.3

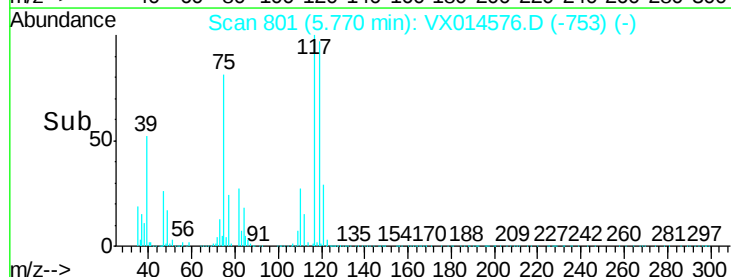
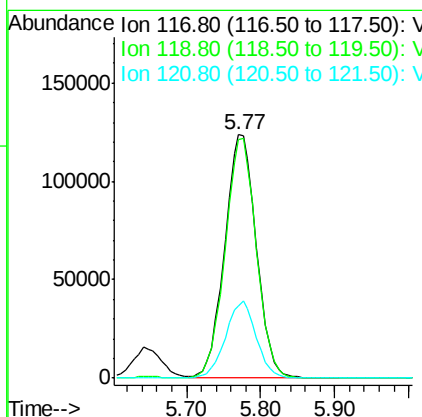
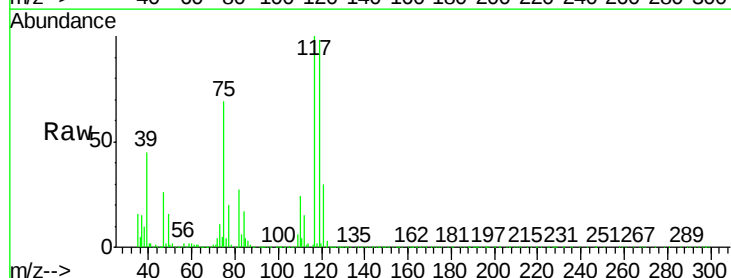
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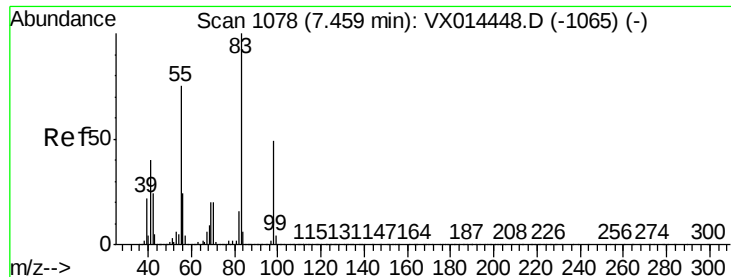
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#38
Carbon Tetrachloride
Concen: 58.106 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.8	110.8
121	29.6	23.4	35.0





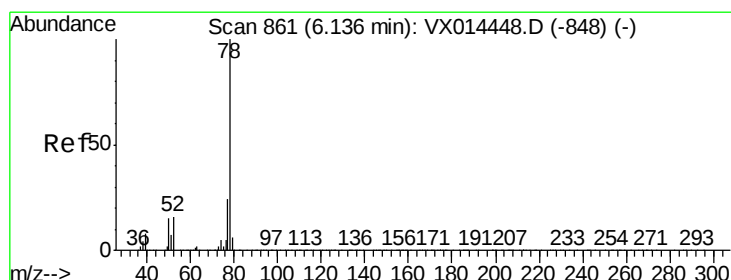
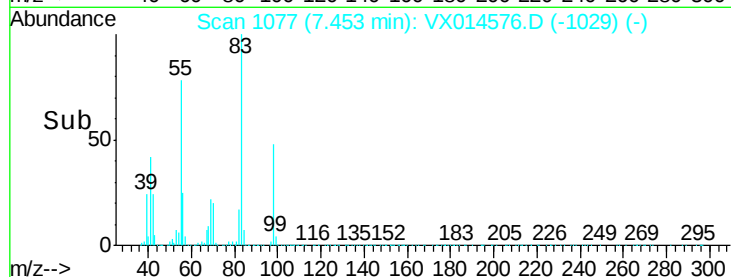
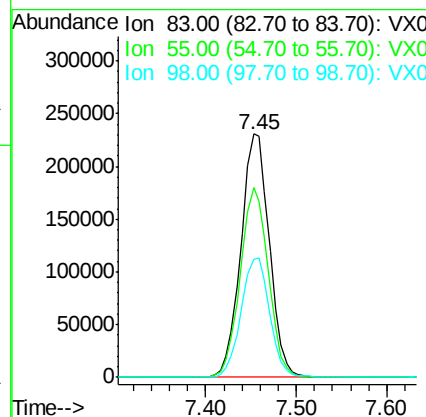
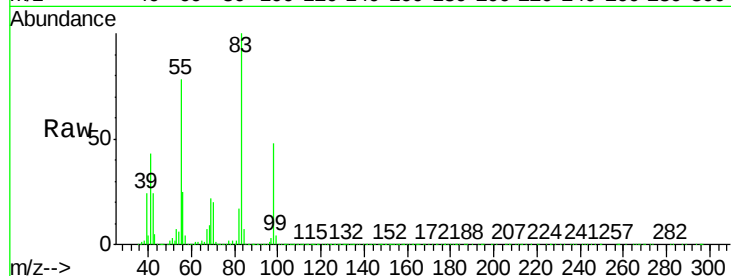
#39
Methvlcvclohexane
Concen: 58.327 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	59.7	89.5
98	48.4	39.1	58.7

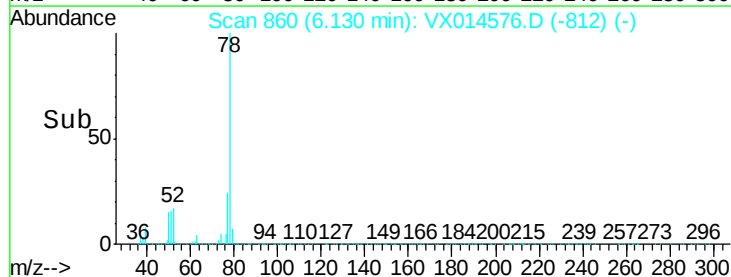
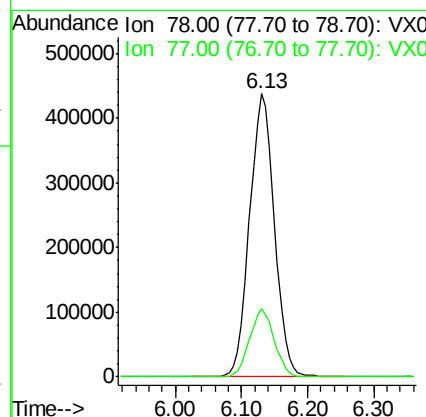
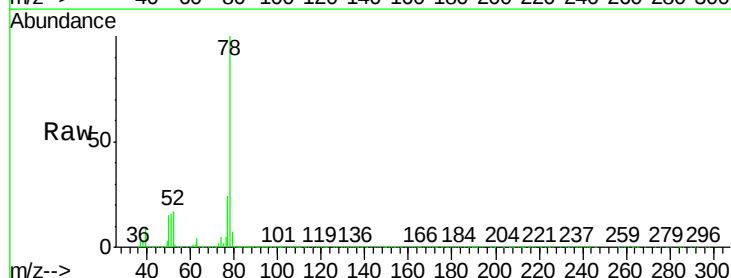
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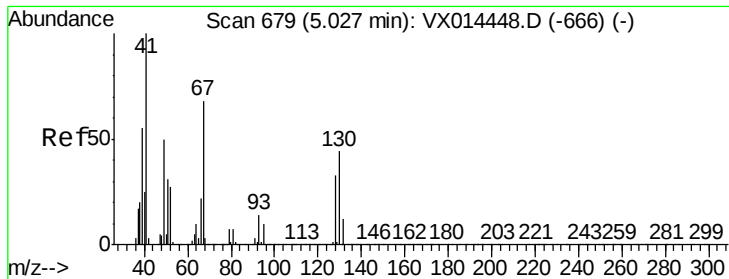
MMDadoda
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#40
Benzene
Concen: 56.554 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





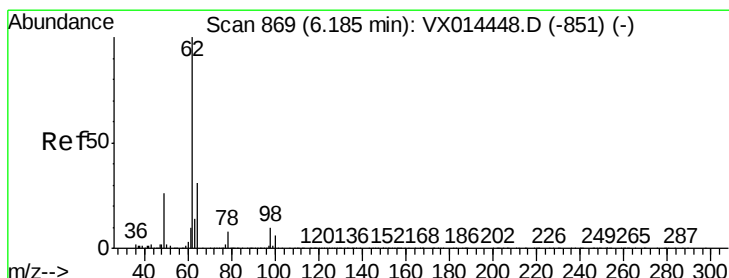
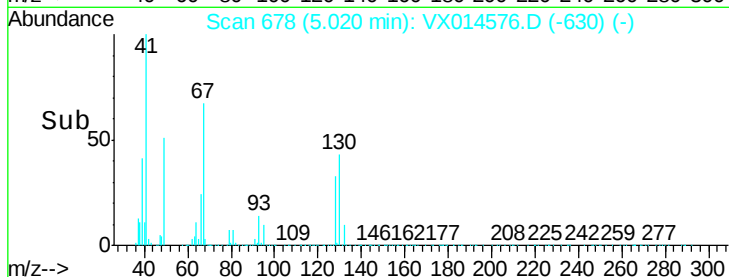
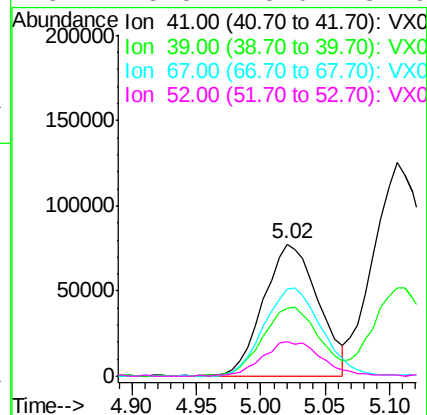
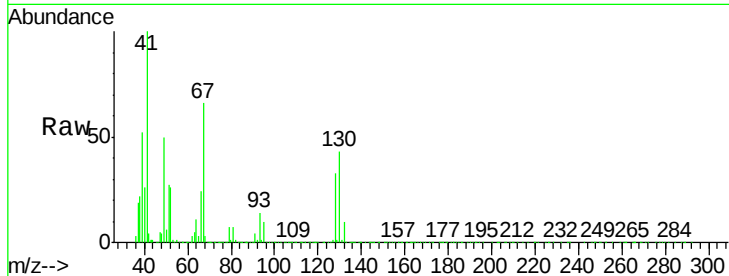
#41
Methacrylonitrile
Concen: 57.669 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.6	65.4
67	70.2	57.9	86.9
52	28.3	23.0	34.6

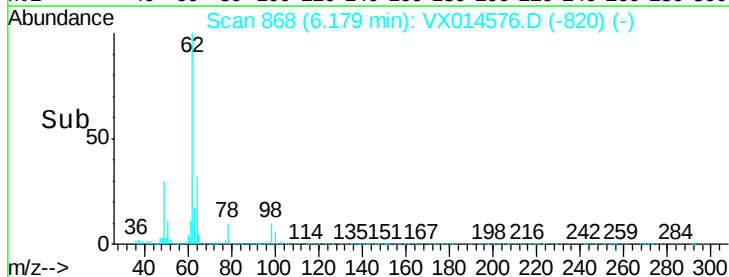
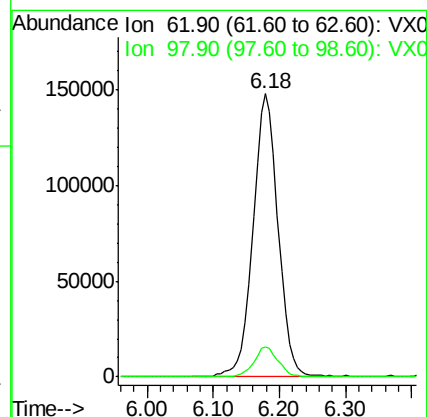
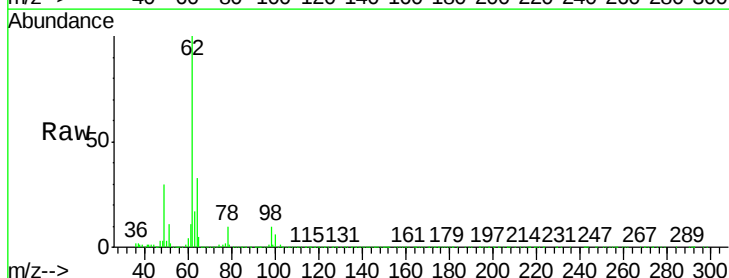
Manual Integrations
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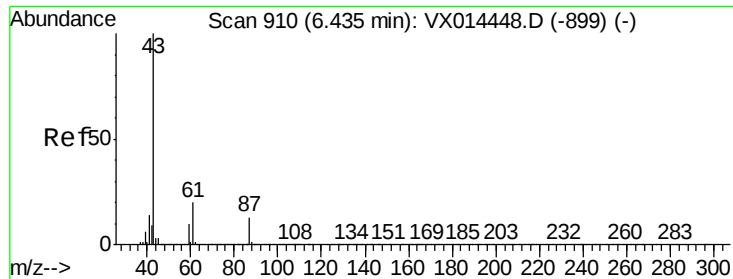
MMDadoda
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#42
1,2-Dichloroethane
Concen: 55.192 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





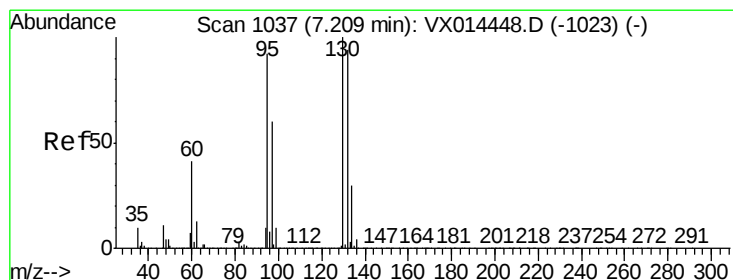
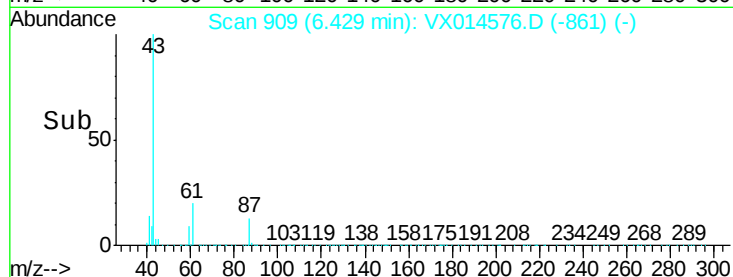
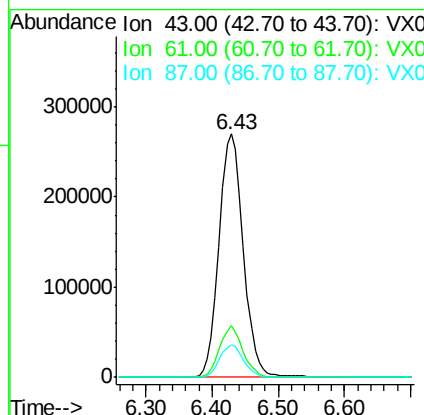
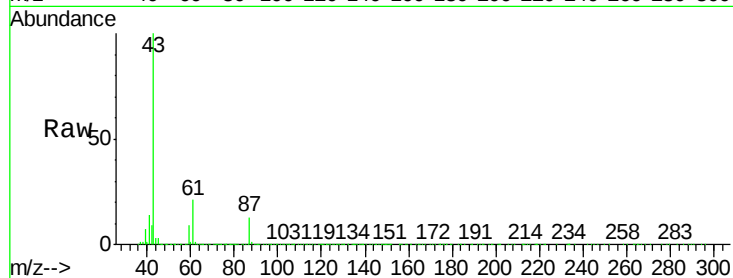
#43
Isopropyl Acetate
Concen: 56.906 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.6	24.8
87	13.3	10.8	16.2

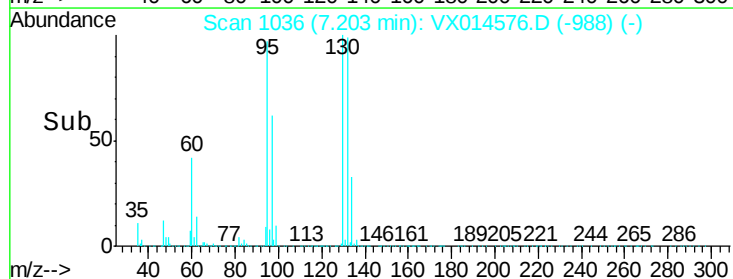
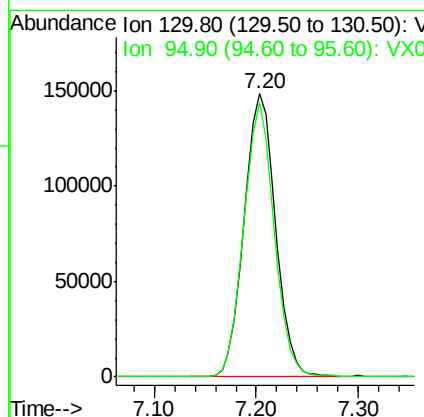
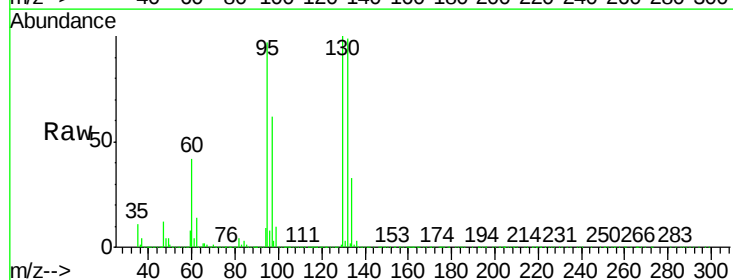
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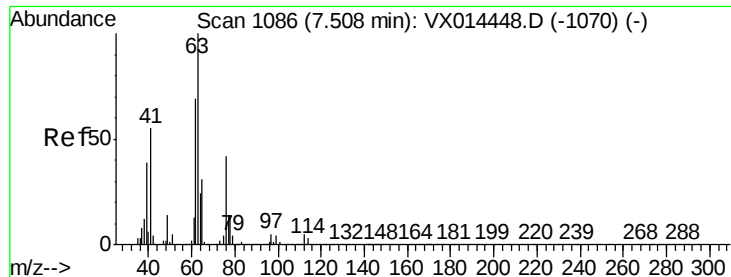
MMDadoda
1/14/2020 3:08:49 PM



#44
Trichloroethene
Concen: 54.699 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	184.2





#45

1,2-Dichloropropane

Concen: 57.810 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 298673

Ion Ratio Lower Upper

63 100

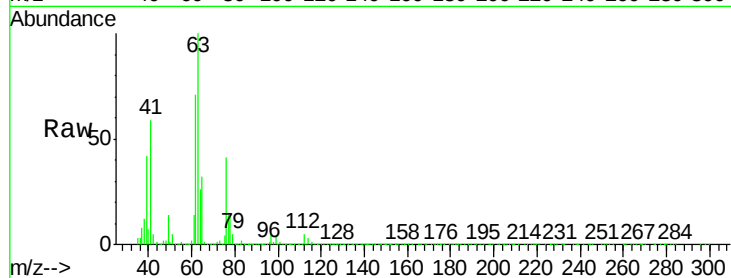
65 31.6 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

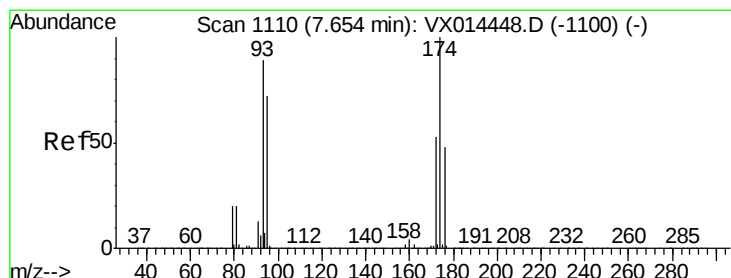
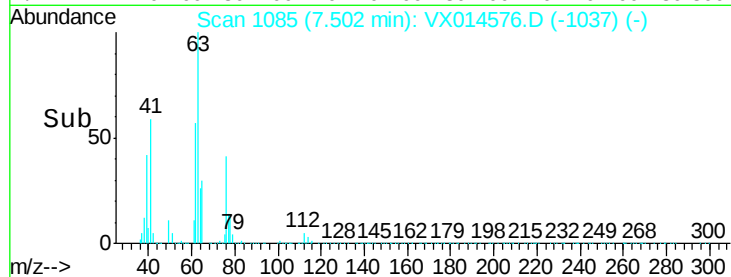
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 52.791 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

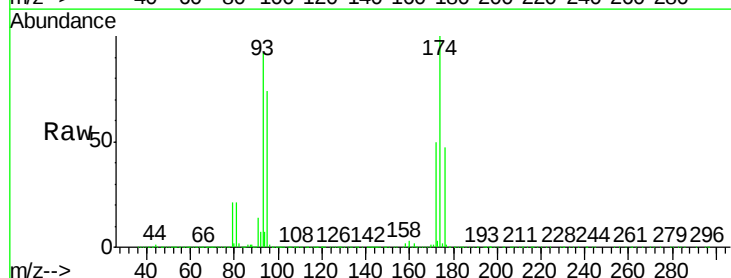
Tgt Ion: 93 Resp: 190365

Ion Ratio Lower Upper

93 100

95 83.0 65.4 98.2

174 116.7 93.0 139.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

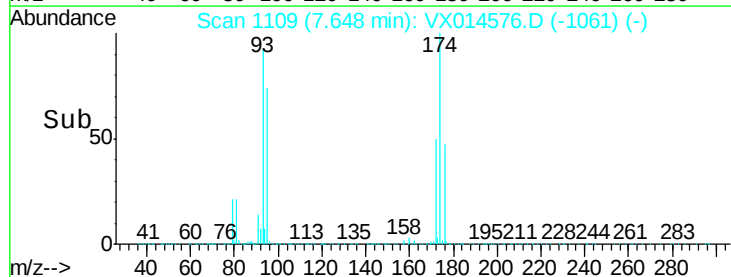
150000

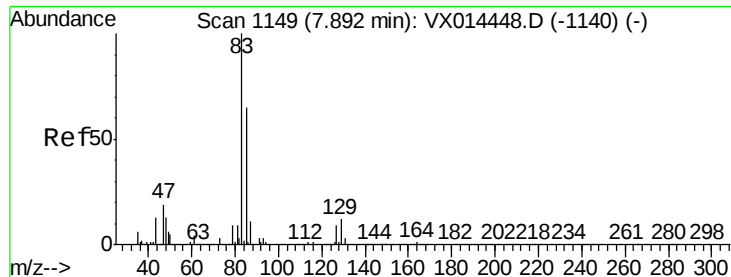
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 59.226 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

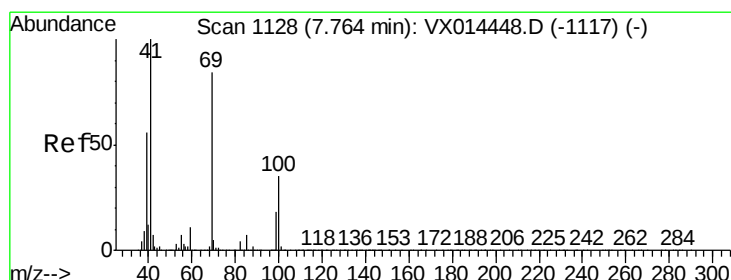
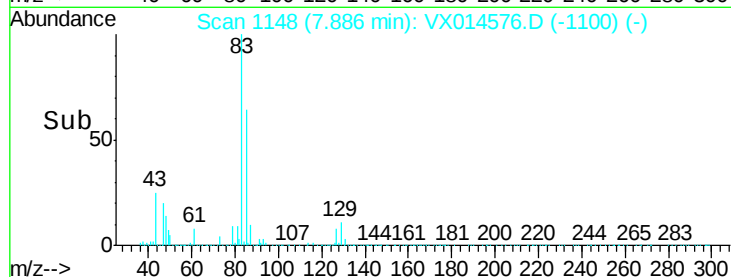
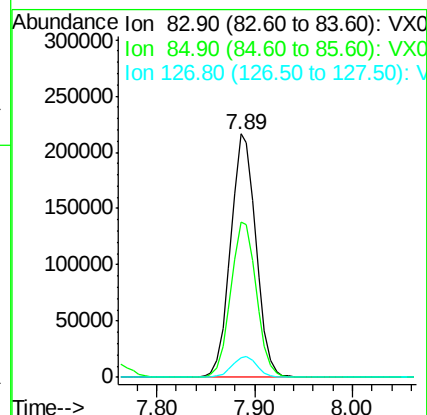
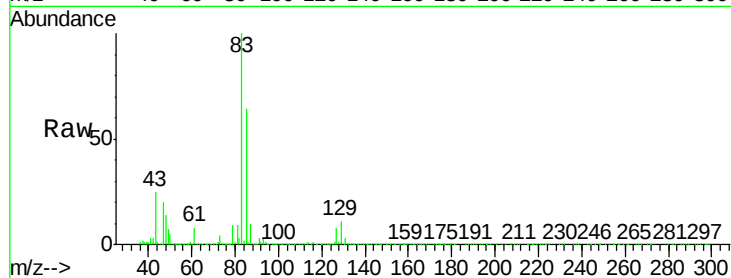
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	388610
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.7	77.5
127	8.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.698 ug/l

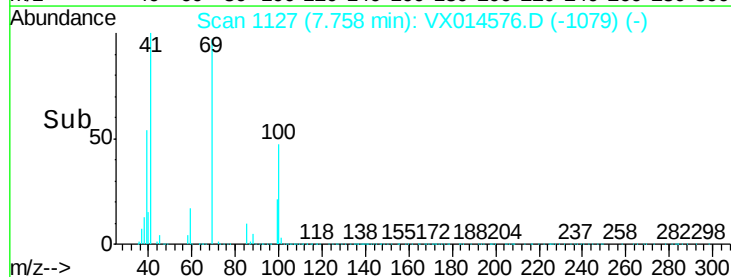
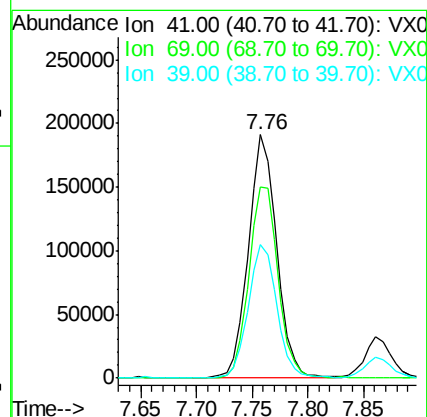
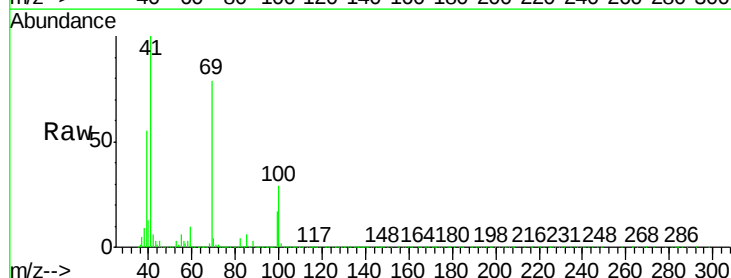
RT: 7.76 min Scan# 1127

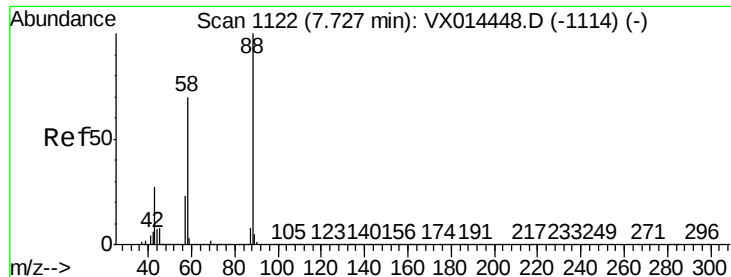
Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	41	Resp:	336812
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.5	98.3
39	55.4	43.9	65.9





#49

1,4-Dioxane

Concen: 992.671 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

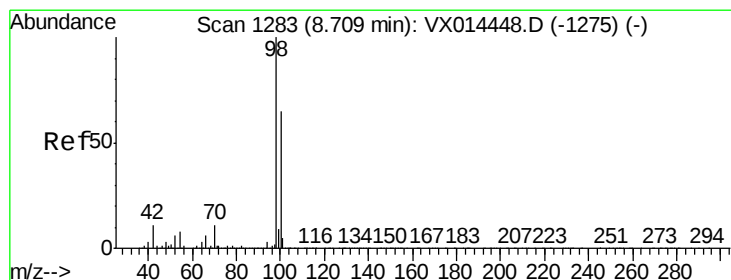
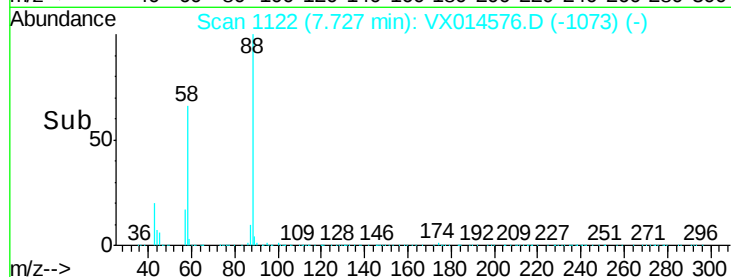
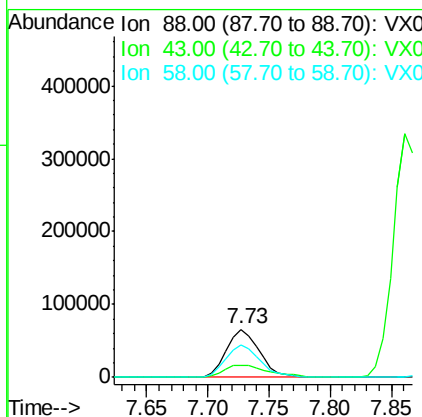
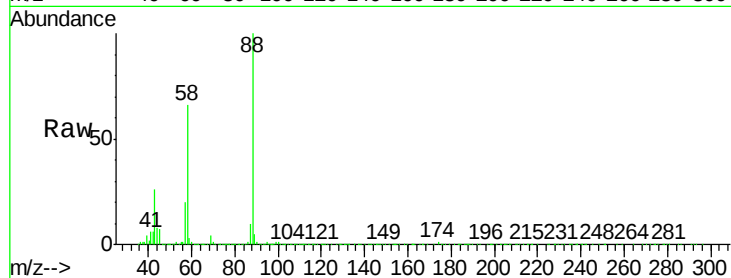
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	120693
Ion Ratio	Lower	Upper	
88	100		
43	34.6	27.4	41.0
58	72.4	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 50.183 ug/l

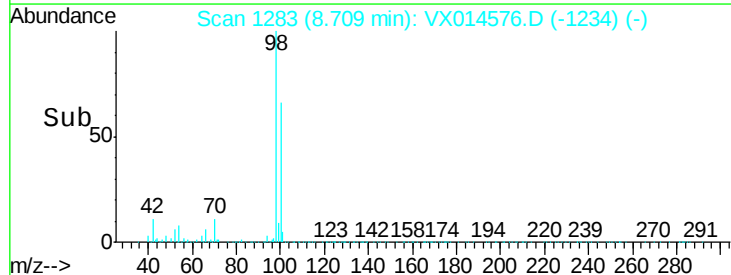
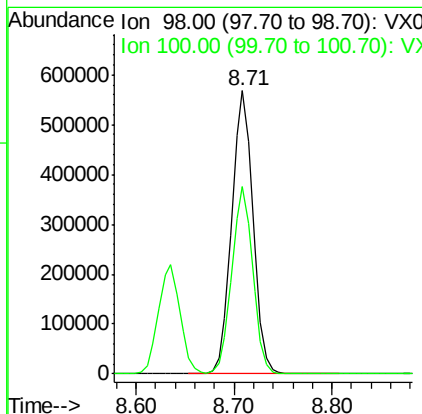
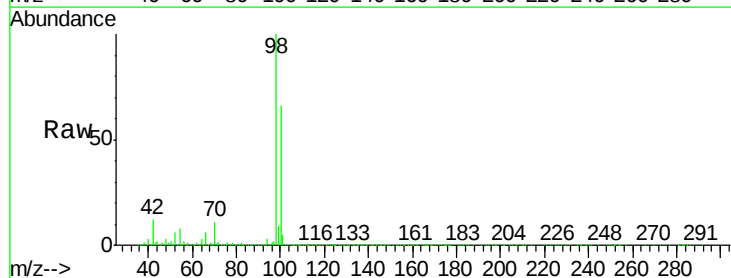
RT: 8.71 min Scan# 1283

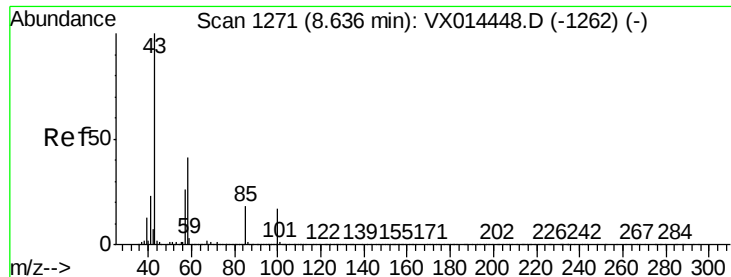
Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	98	Resp:	855900
Ion Ratio	Lower	Upper	
98	100		
100	65.4	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 284.557 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2077454

Ion Ratio Lower Upper

43 100

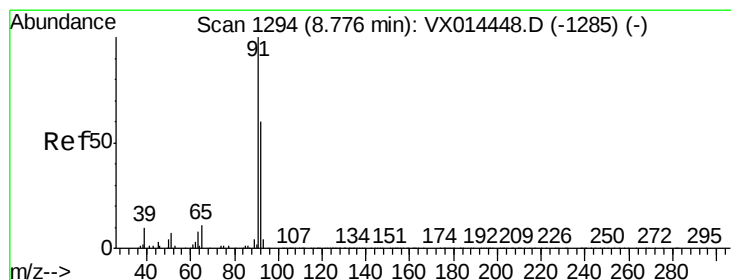
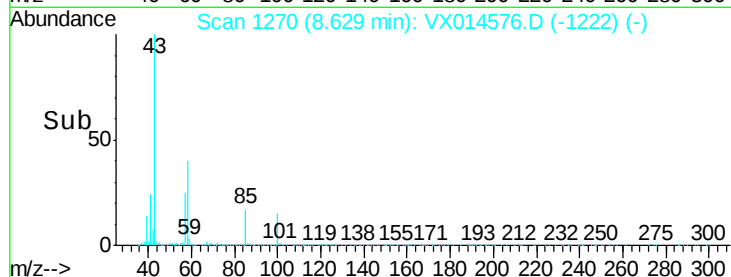
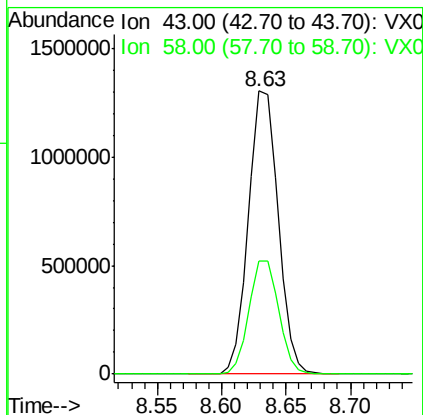
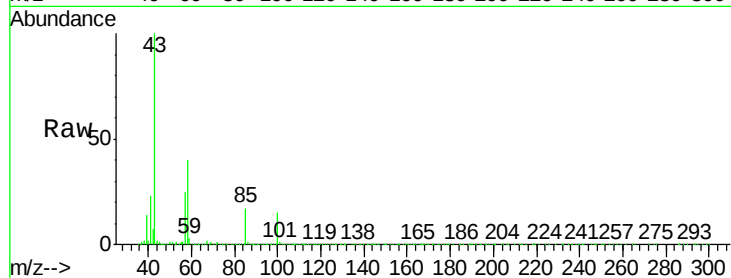
58 40.1 32.4 48.6

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#52

Toluene

Concen: 55.731 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014576.D

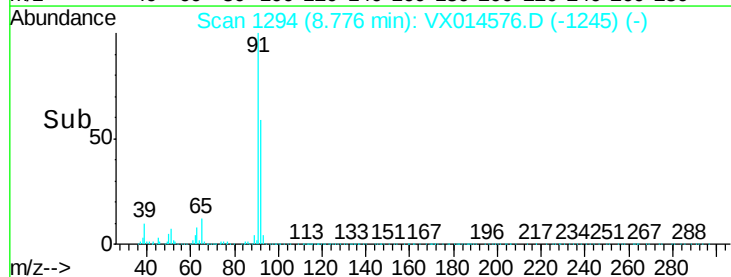
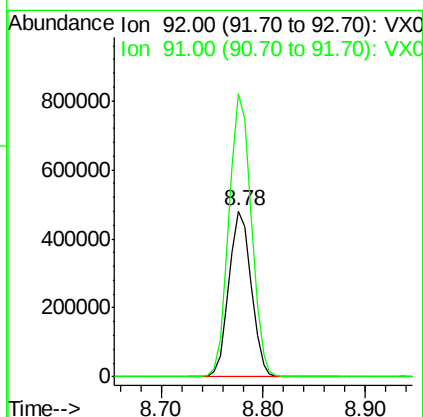
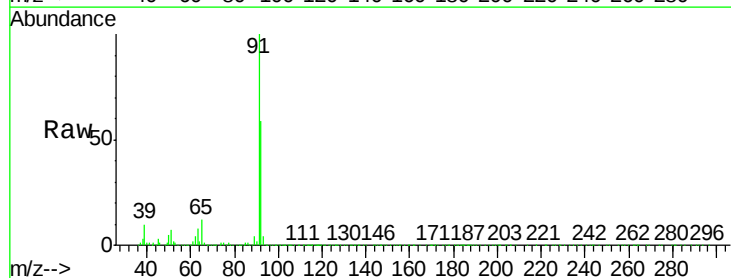
Acq: 13 Jan 2020 10:37

Tgt Ion: 92 Resp: 722960

Ion Ratio Lower Upper

92 100

91 171.3 135.7 203.5





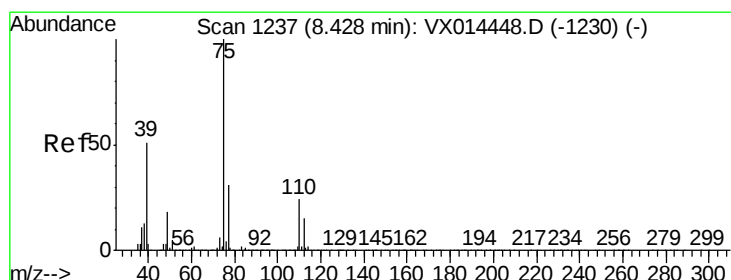
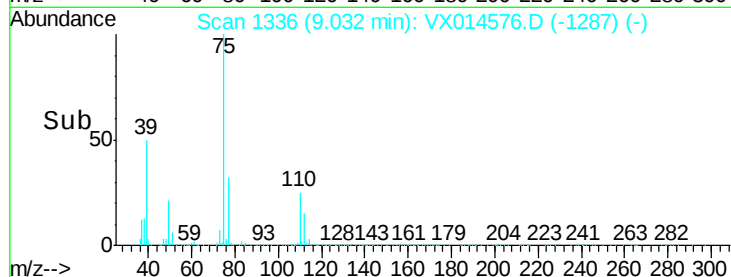
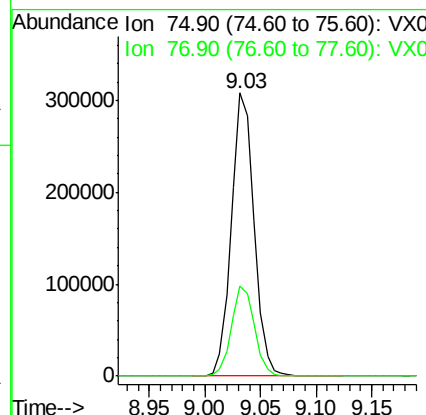
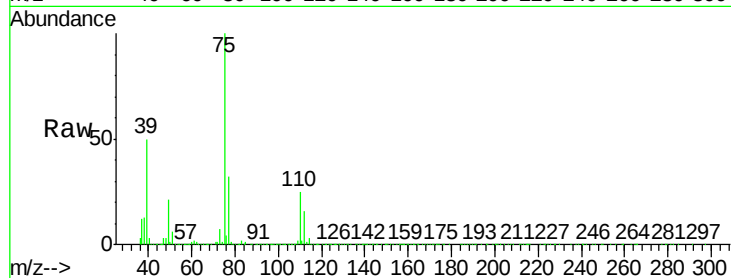
#53
t-1,3-Dichloropropene
Concen: 56.830 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

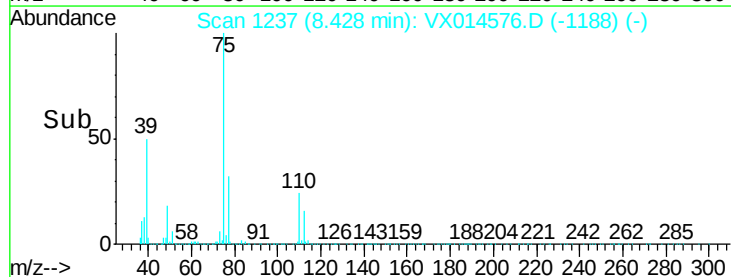
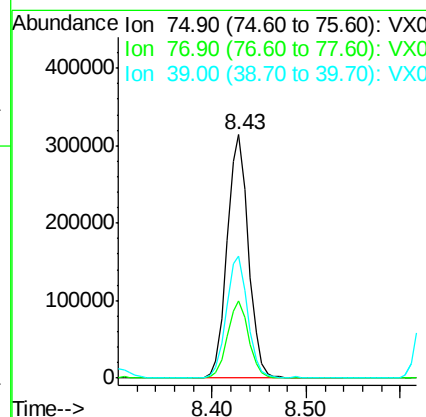
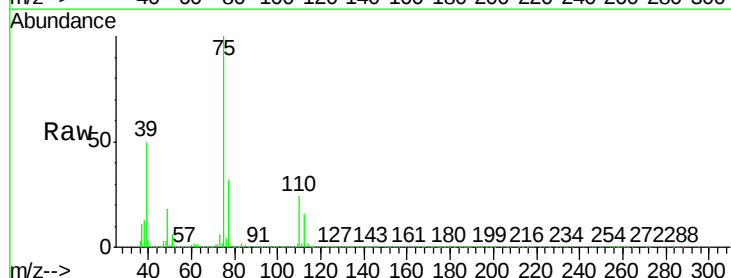
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#54
cis-1,3-Dichloropropene
Concen: 59.241 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	50.2	40.7	61.1





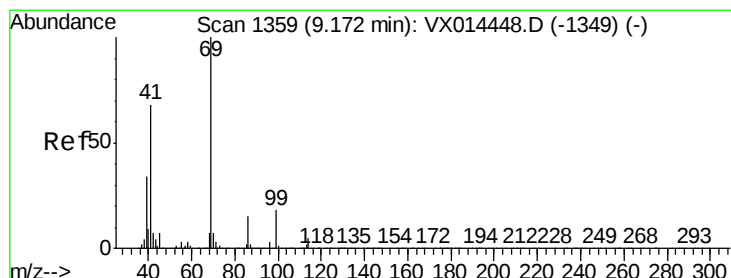
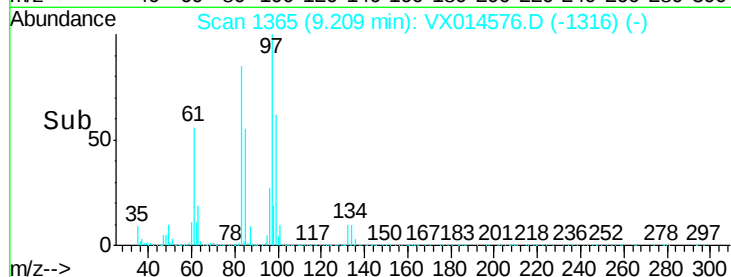
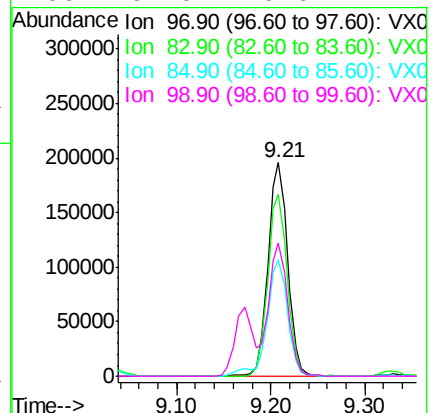
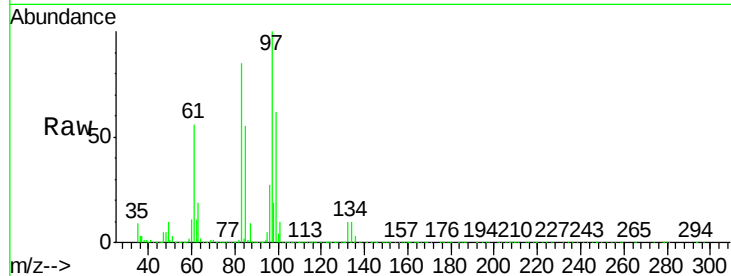
#55
 1,1,2-Trichloroethane
 Concen: 55.668 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		290054		
83	84.8	66.4	99.6		
85	54.8	43.4	65.2		
99	62.0	49.6	74.4		

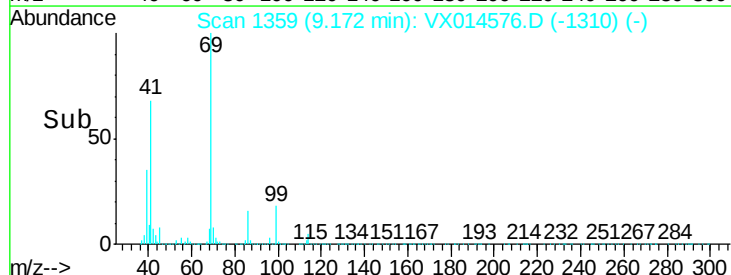
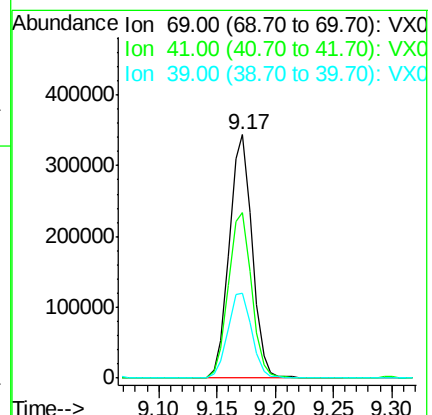
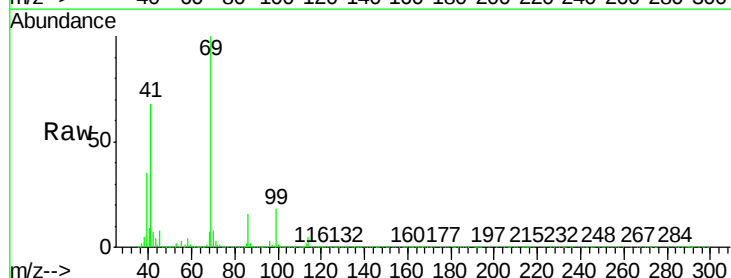
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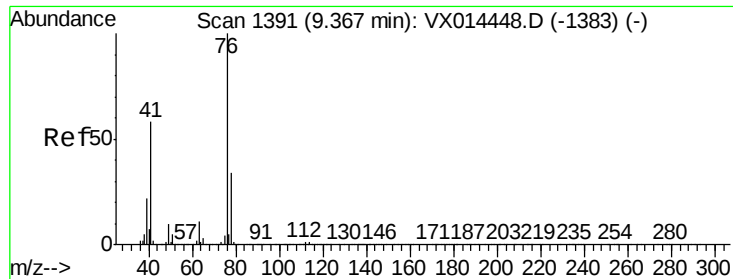
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 58.471 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		466753		
41	69.1	54.2	81.2		
39	36.4	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 56.628 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 493344

Ion Ratio Lower Upper

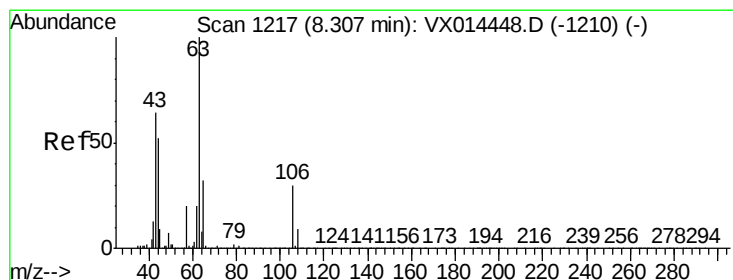
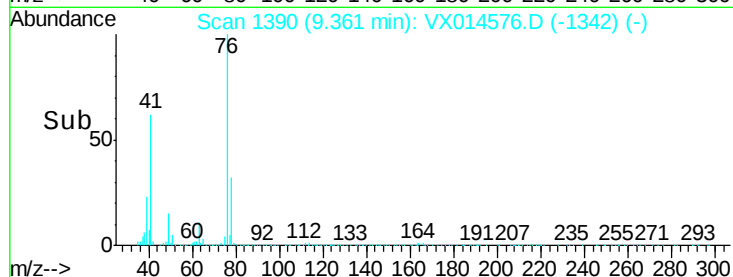
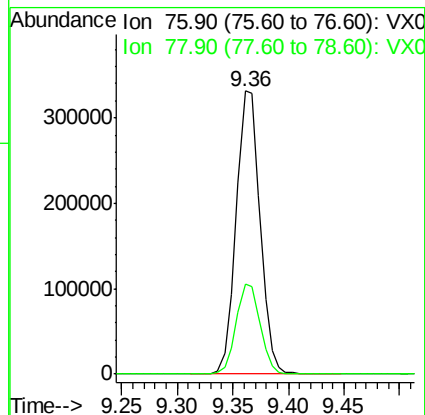
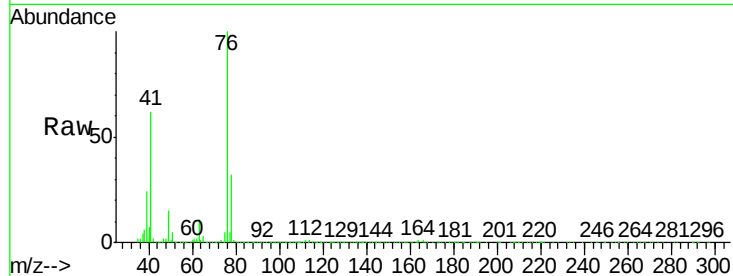
76 100

78 32.0 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 308.936 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014576.D

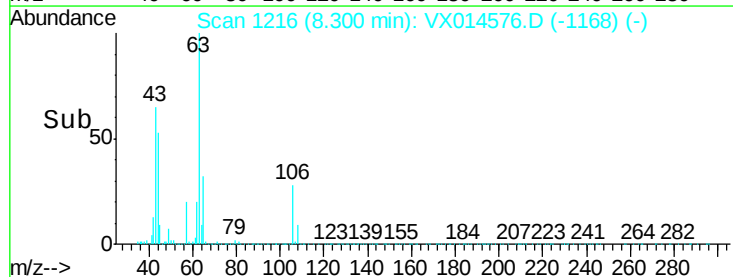
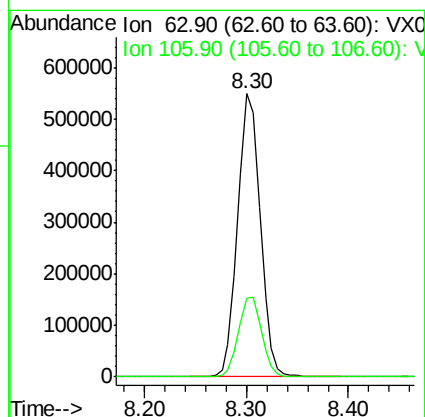
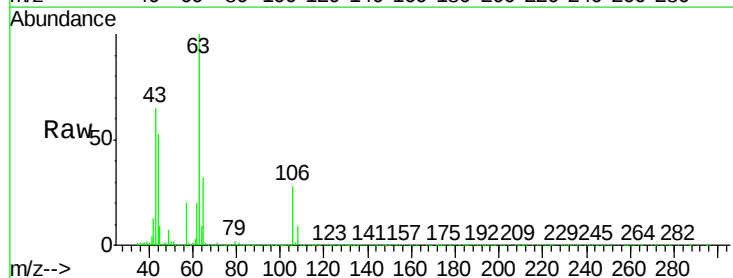
Acq: 13 Jan 2020 10:37

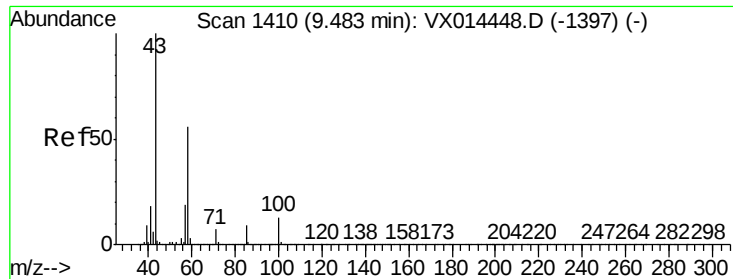
Tgt Ion: 63 Resp: 839063

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





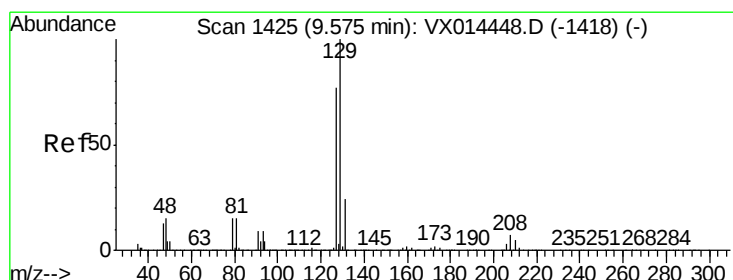
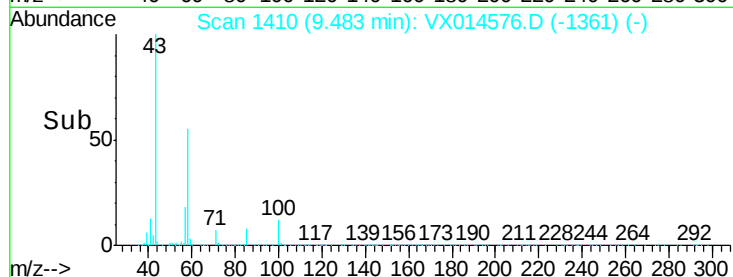
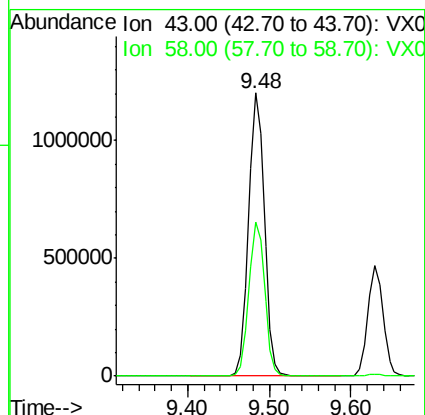
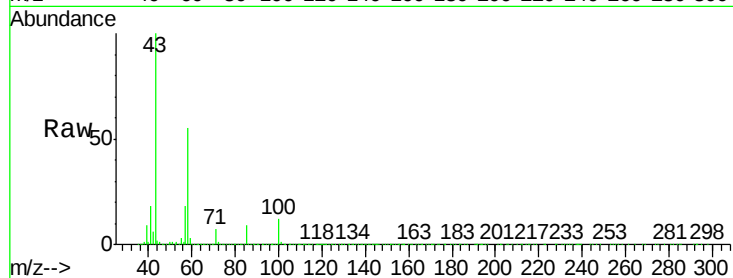
#59
2-Hexanone
Concen: 280.864 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1622438
Ion Ratio Lower Upper
43 100
58 54.8 27.9 83.7

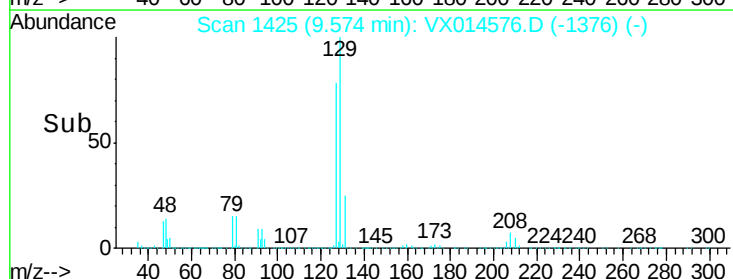
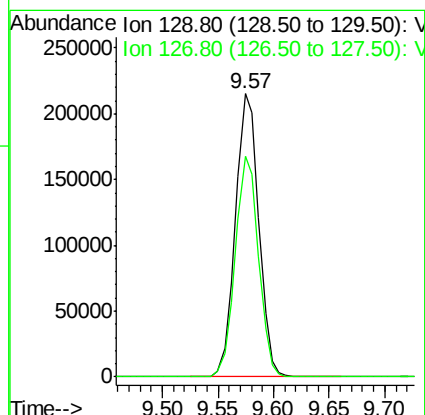
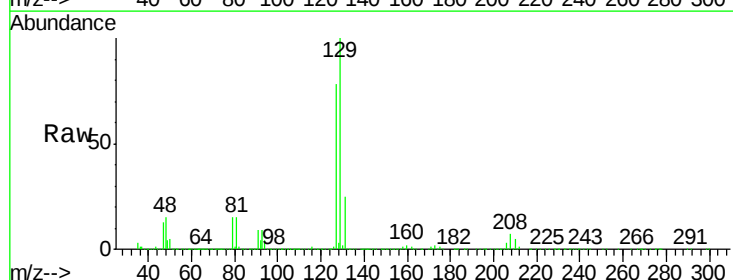
Manual Integrations
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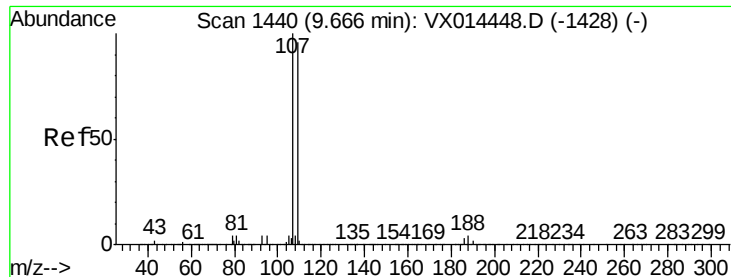
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#60
Dibromochloromethane
Concen: 59.621 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion: 129 Resp: 312243
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





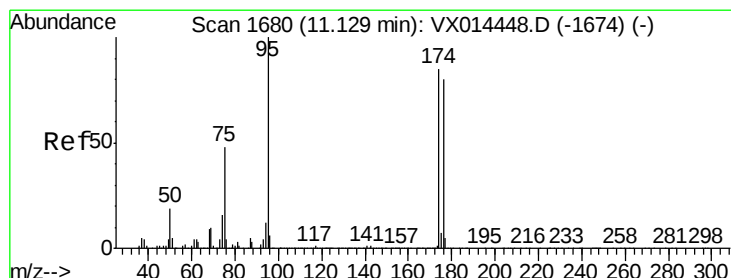
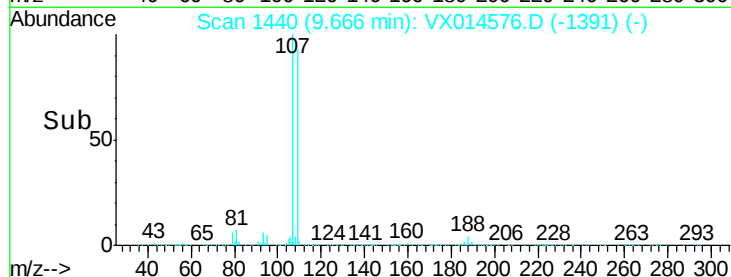
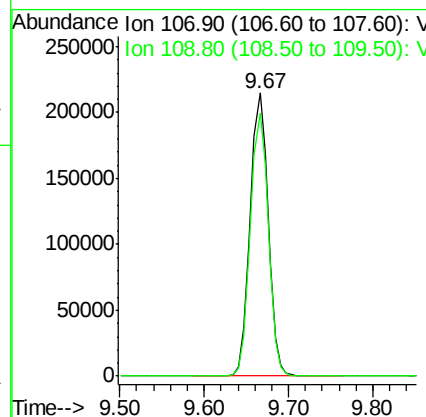
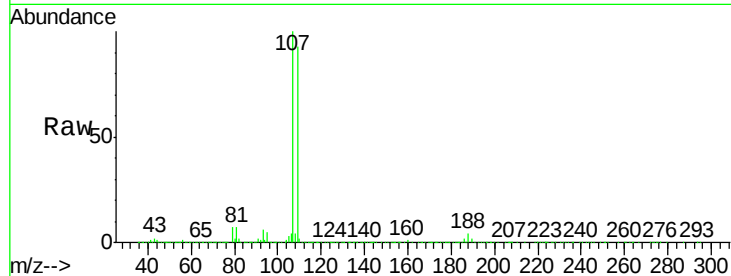
#61
 1,2-Dibromoethane
 Concen: 55.321 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	305335		
109	93.4	76.5	114.7	

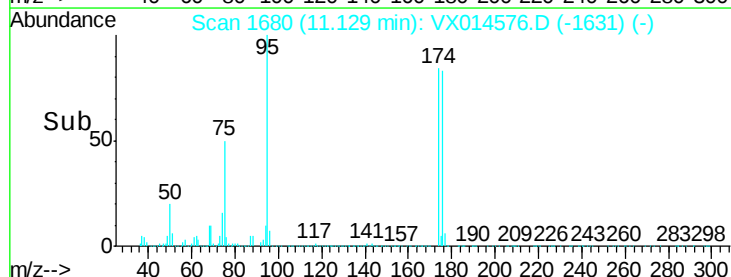
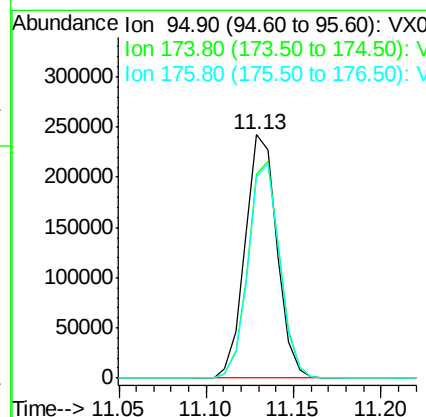
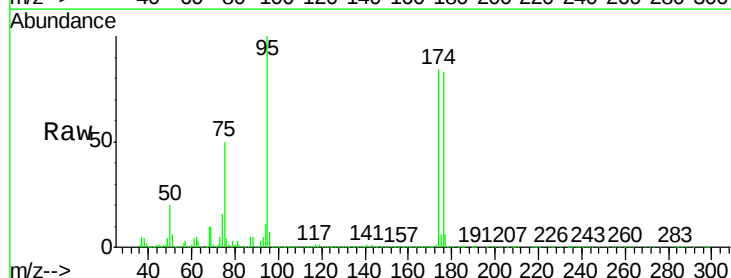
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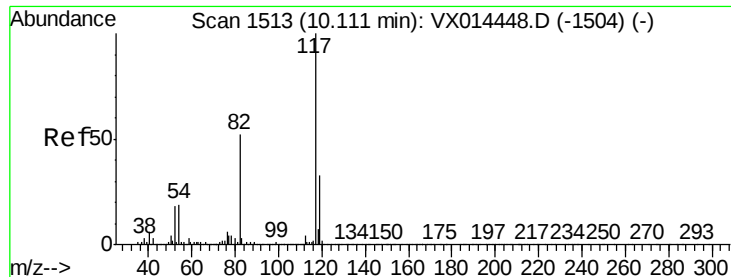
MMDadoda
 1/14/2020 3:08:49 PM



#62
 4-Bromofluorobenzene
 Concen: 48.981 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	306689		
174	88.6	0.0	180.8	
176	87.1	0.0	172.8	





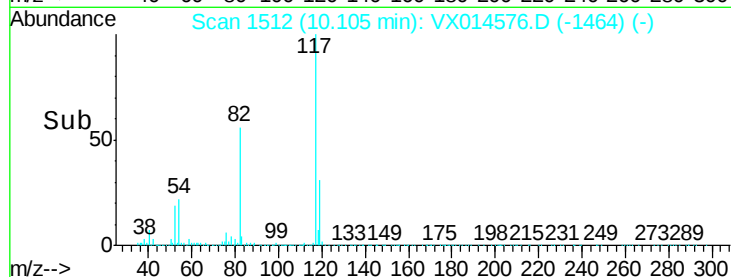
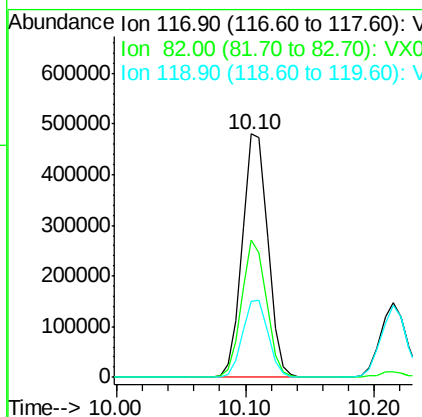
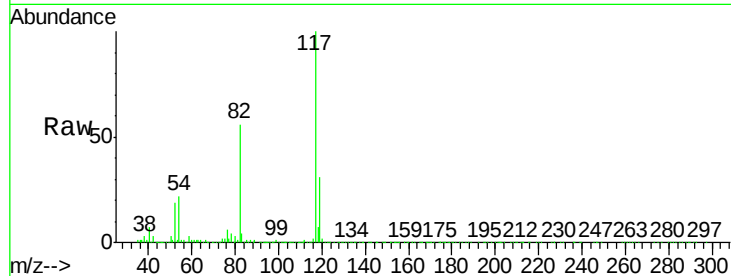
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	41.8	62.6
119	31.4	26.2	39.4

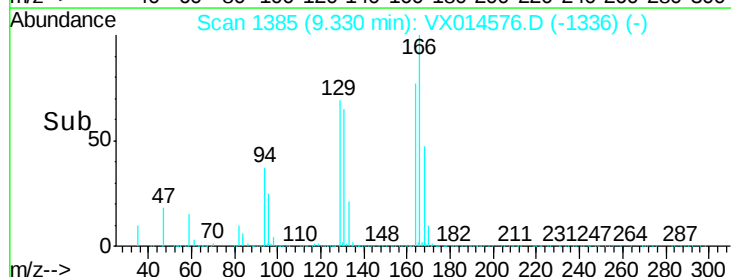
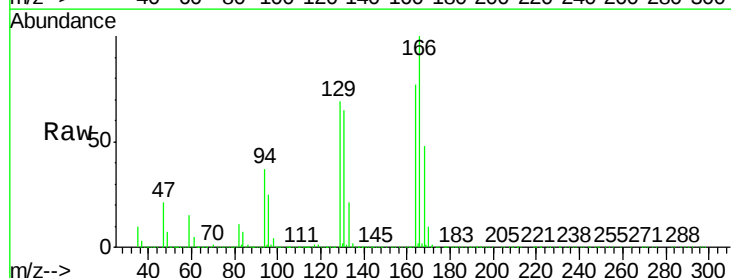
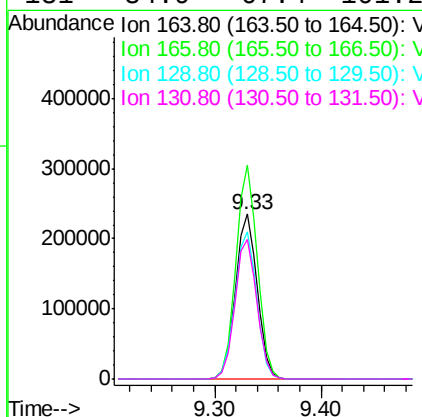
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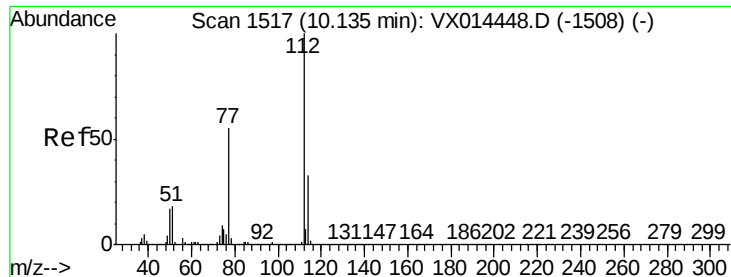
MMDadoda
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#64
Tetrachloroethene
Concen: 51.164 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	101.2	151.8
129	89.7	68.3	102.5
131	84.9	67.4	101.2





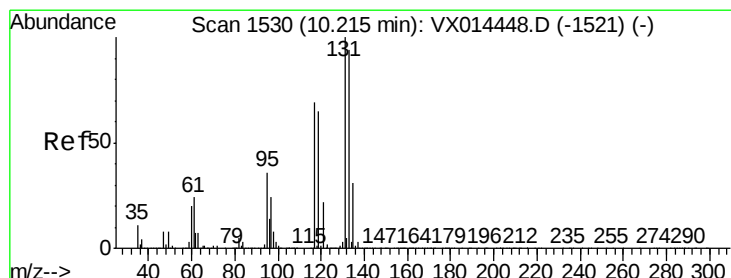
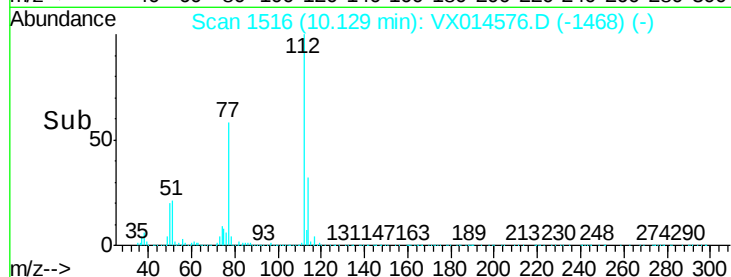
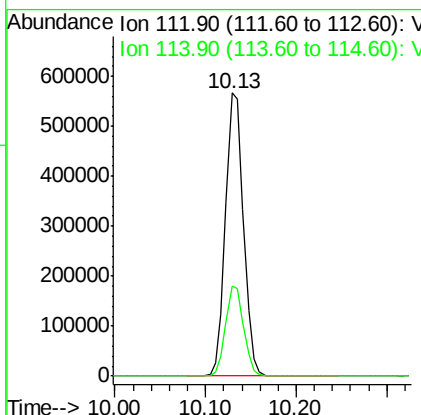
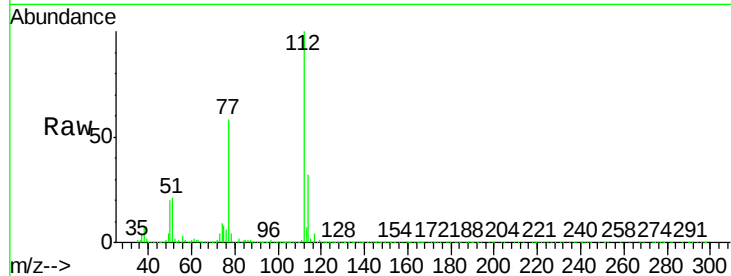
#65
Chlorobenzene
Concen: 54.982 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.2	39.4

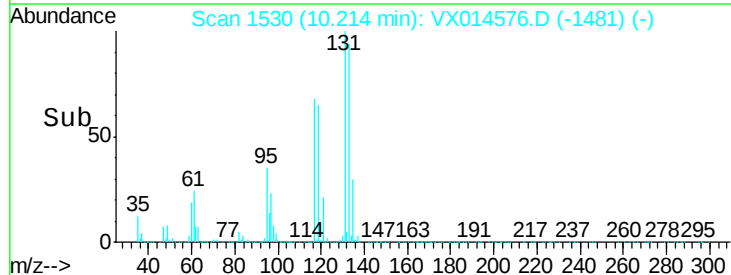
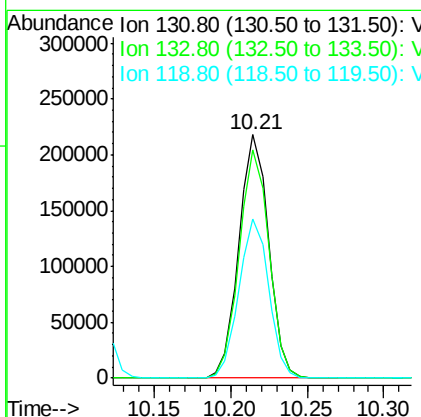
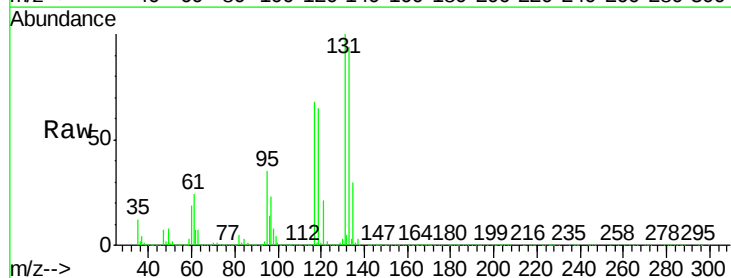
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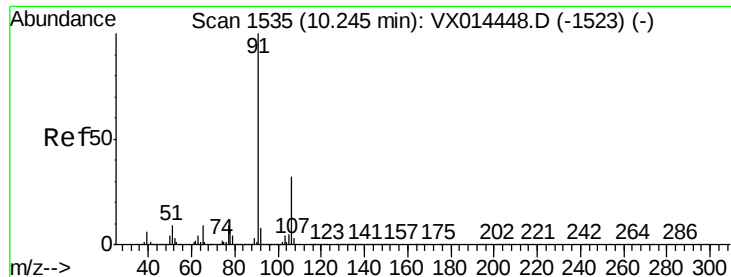
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.907 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	65.5	32.8	98.4





#67

Ethyl Benzene

Concen: 57.715 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1402516

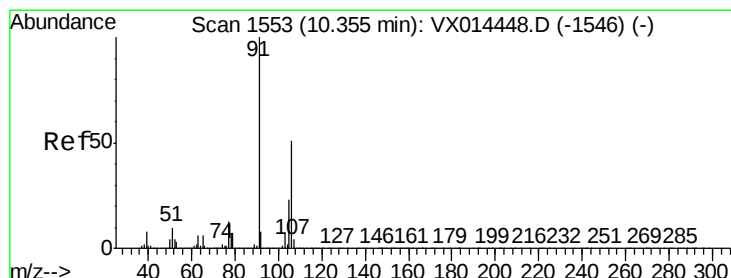
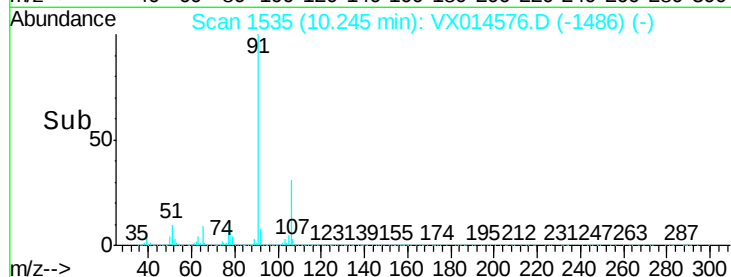
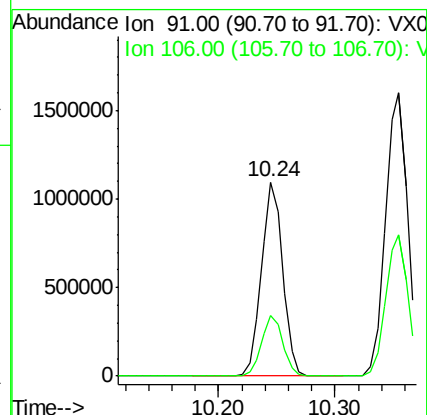
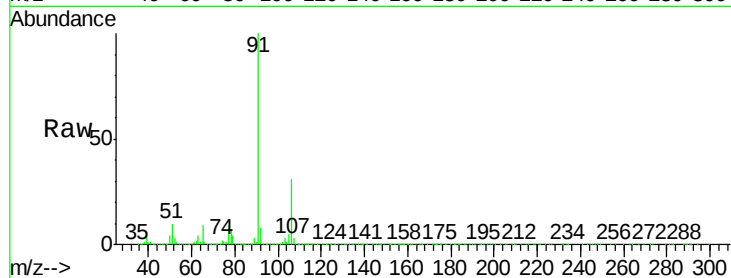
Ion Ratio Lower Upper

91 100

106 31.2 25.6 38.4

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#68

m/p-Xylenes

Concen: 114.183 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014576.D

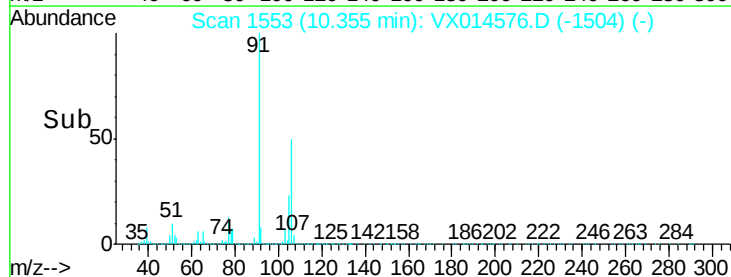
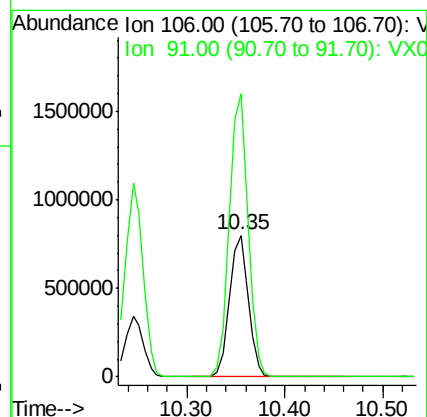
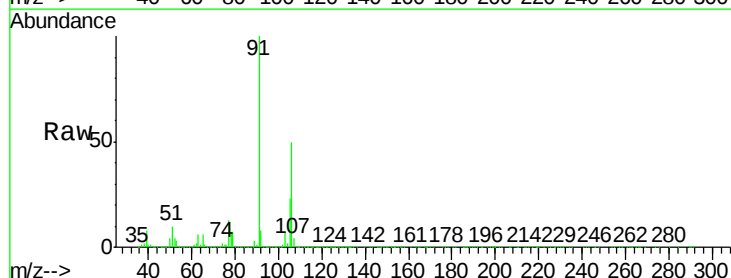
Acq: 13 Jan 2020 10:37

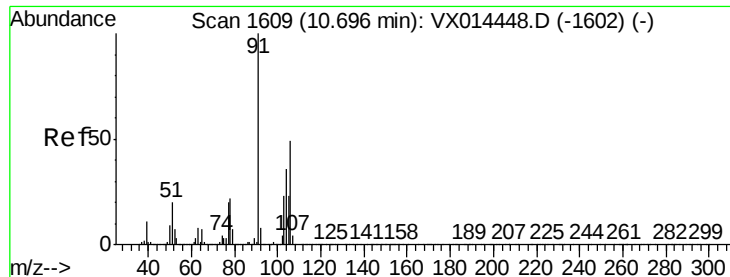
Tgt Ion: 106 Resp: 1070464

Ion Ratio Lower Upper

106 100

91 199.2 157.4 236.0





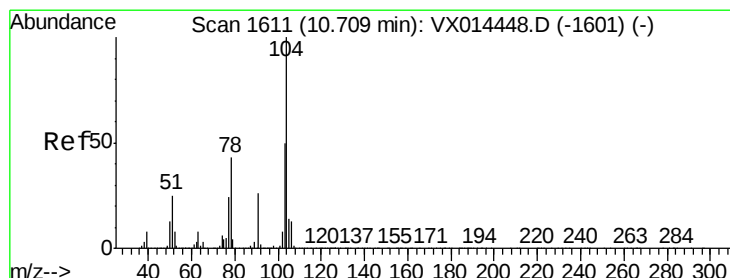
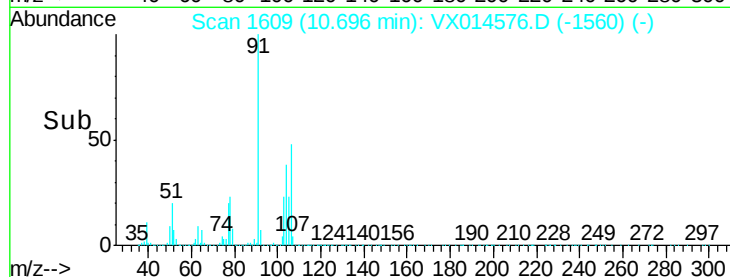
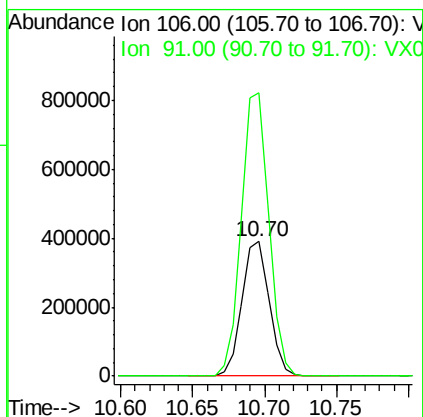
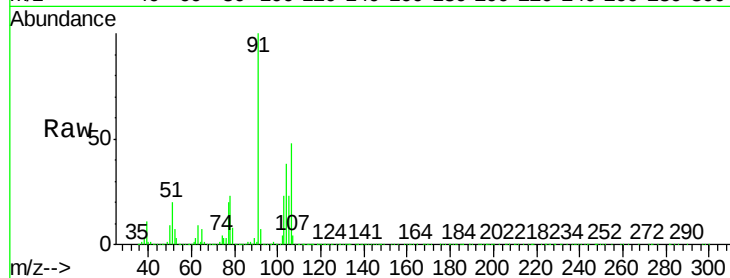
#69
o-Xylene
Concen: 57.320 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	105.1	315.1

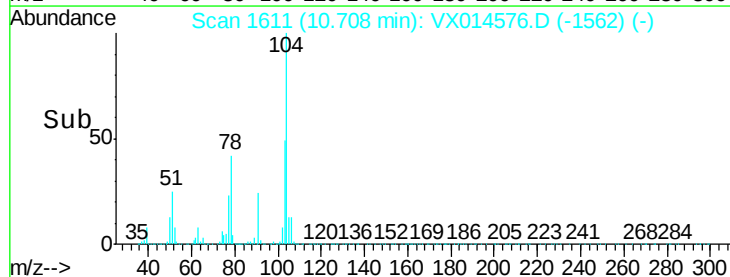
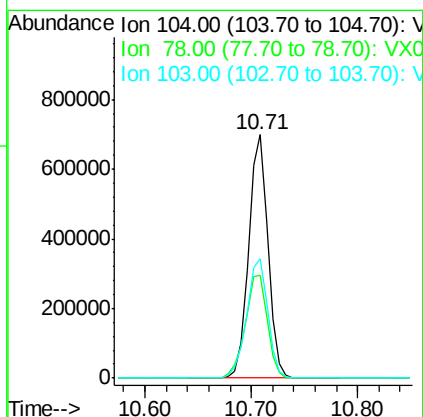
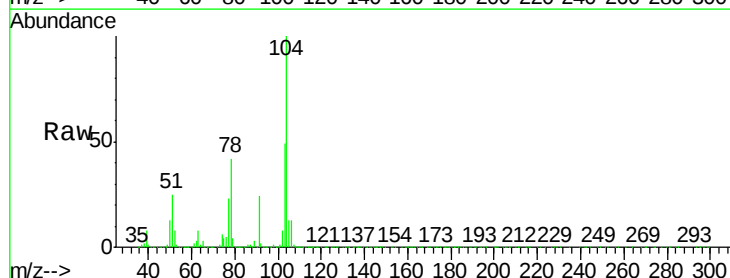
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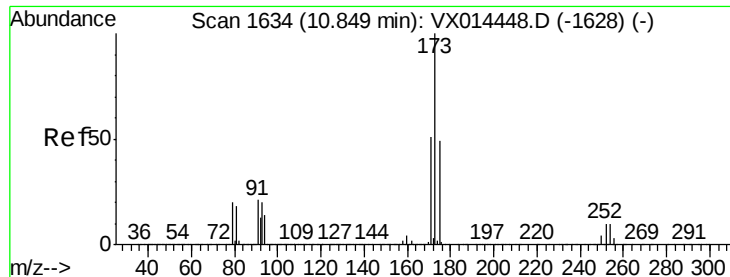
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#70
Styrene
Concen: 57.735 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.6	58.0
103	54.0	43.7	65.5





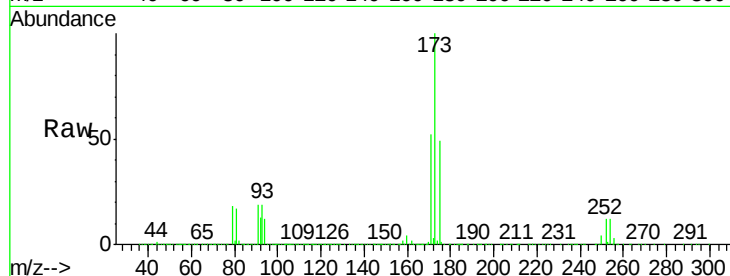
#71
Bromoform
Concen: 57.520 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

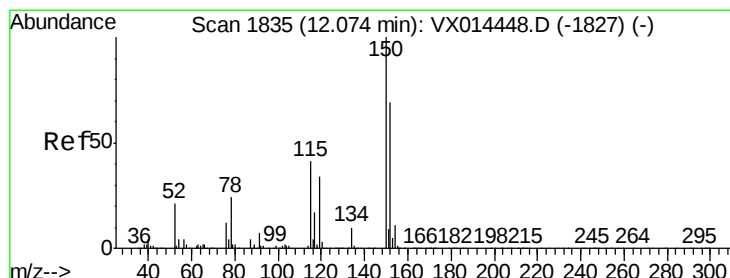
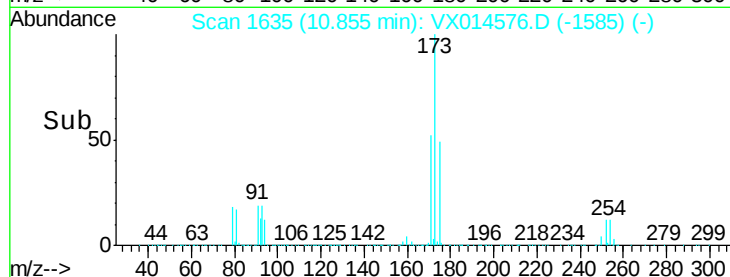
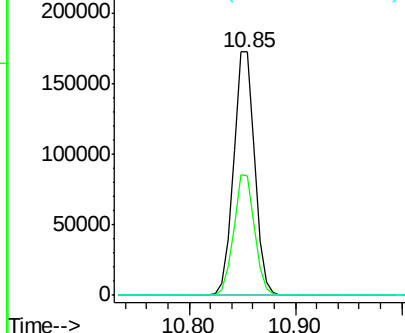
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.1	0.2	0.2#

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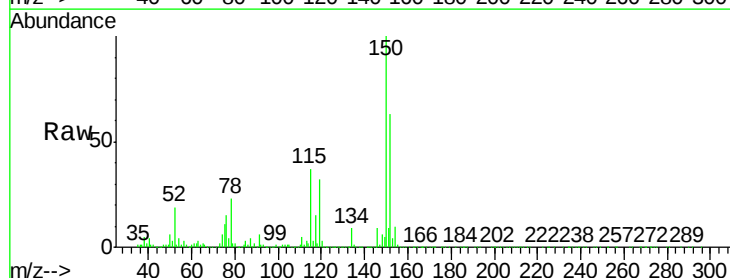


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

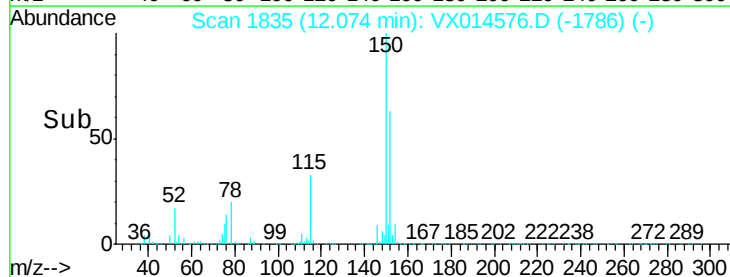
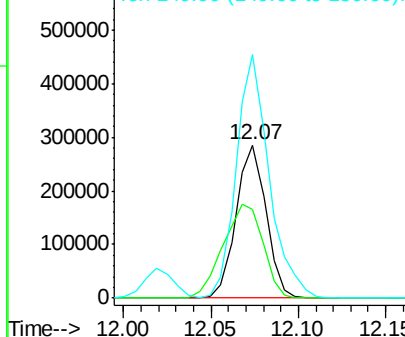


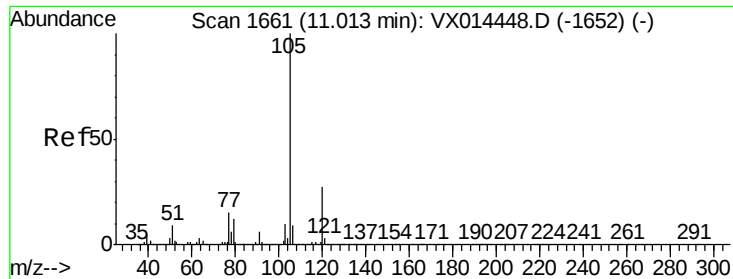
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.5	39.5	118.3
150	175.4	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: 58.004 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1382280

Ion Ratio Lower Upper

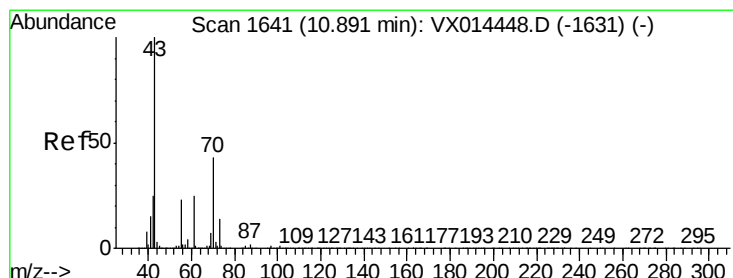
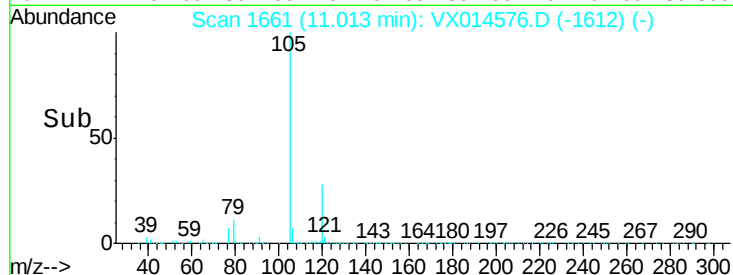
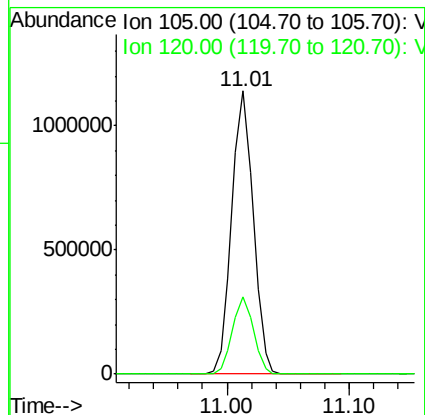
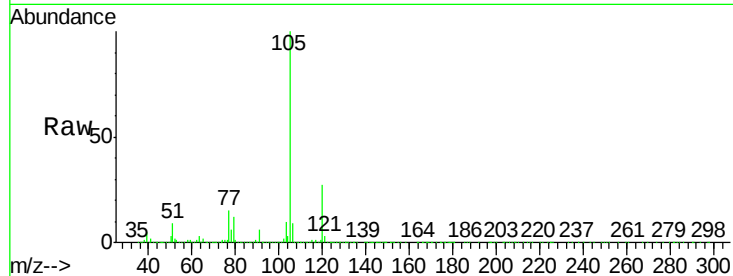
105 100

120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 57.302 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion: 43 Resp: 602465

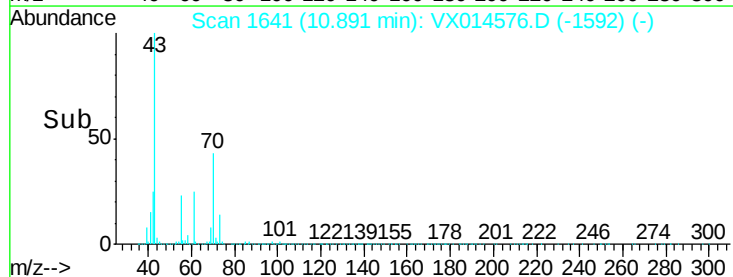
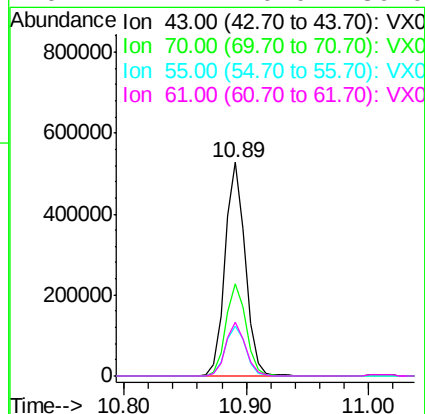
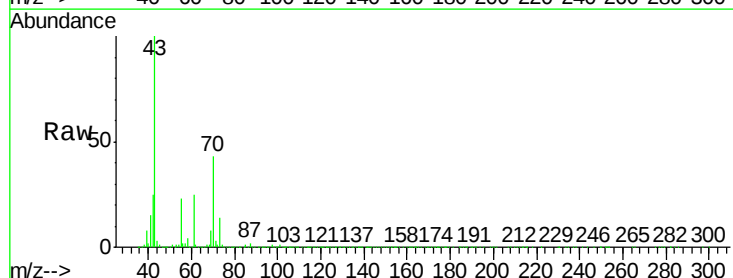
Ion Ratio Lower Upper

43 100

70 43.3 35.1 52.7

55 23.8 19.3 28.9

61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.539 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

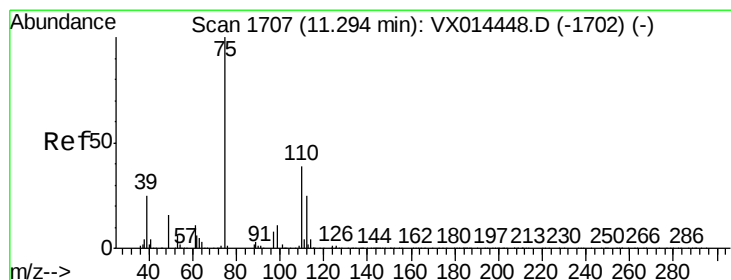
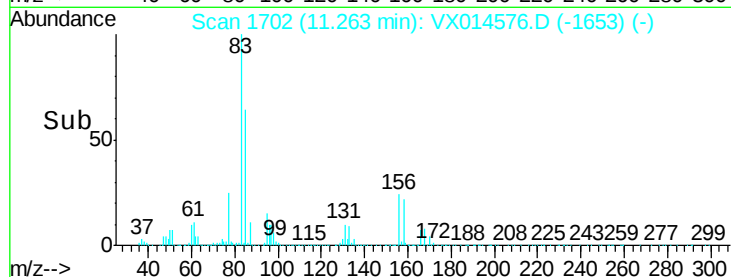
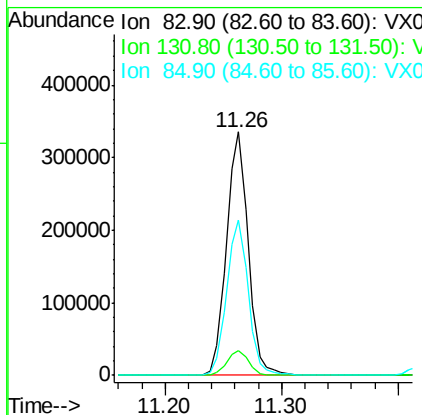
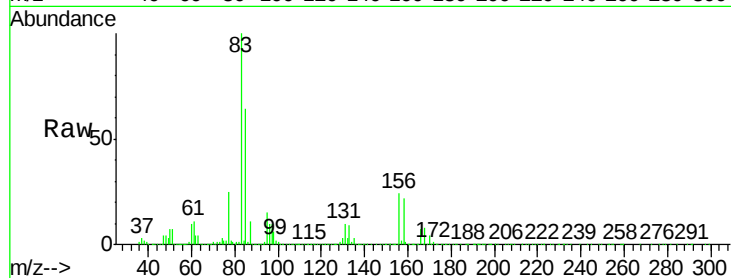
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	432092
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	63.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 51.580 ug/l m

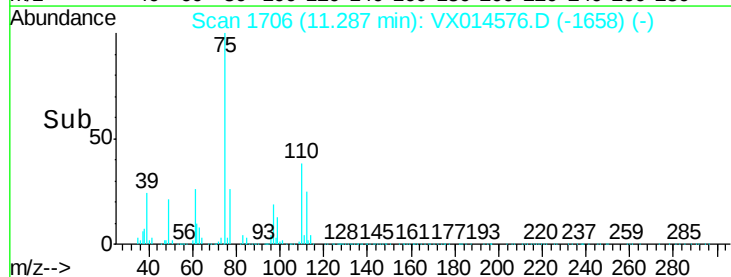
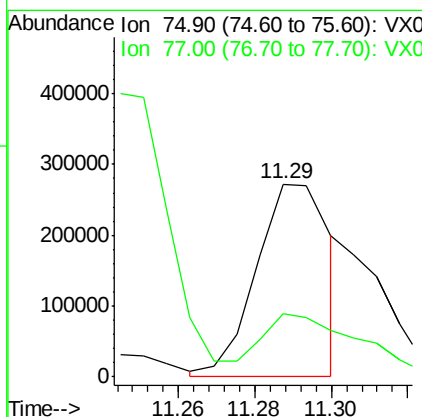
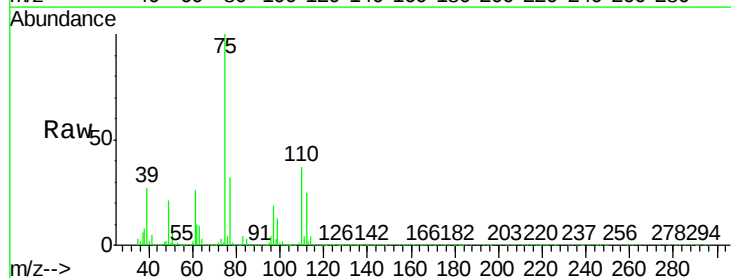
RT: 11.29 min Scan# 1706

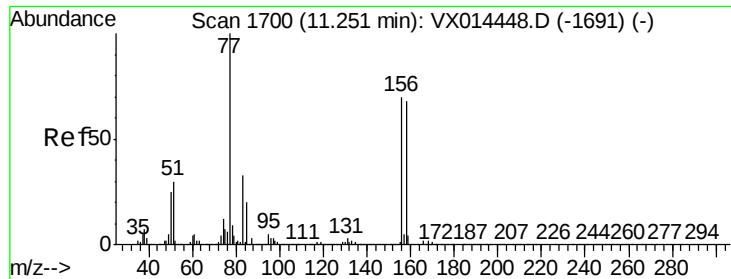
Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	75	Resp:	362172
Ion Ratio	Lower	Upper	
75	100		
77	43.3	21.9	65.7





#77

Bromobenzene

Concen: 53.480 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

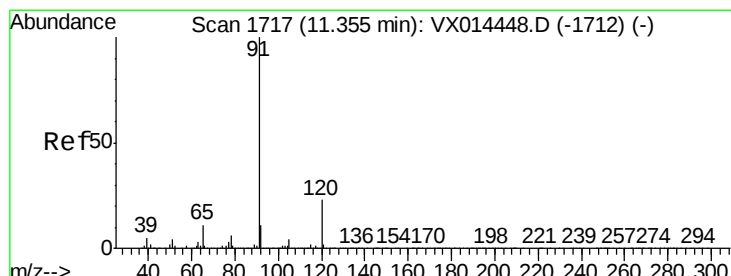
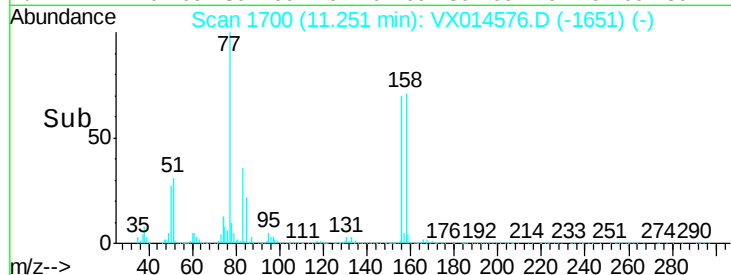
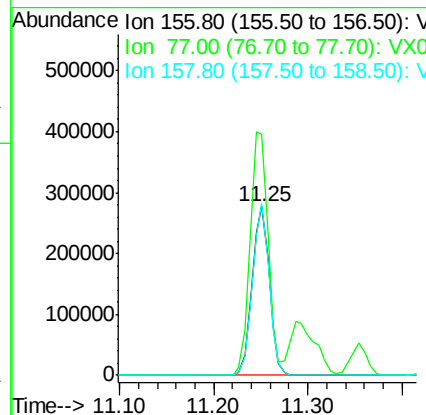
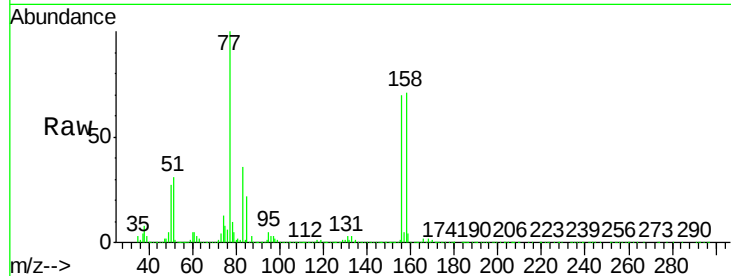
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	353438
Ion Ratio	Lower	Upper	
156	100		
77	149.8	75.4	226.3
158	98.3	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 58.468 ug/l

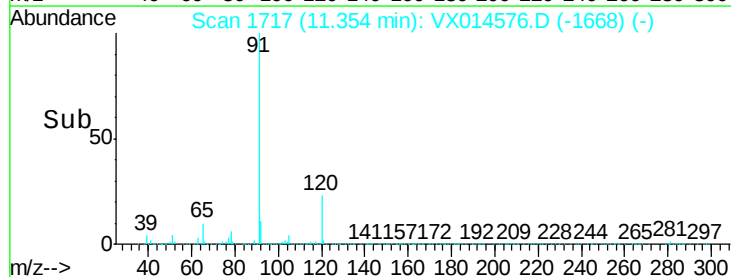
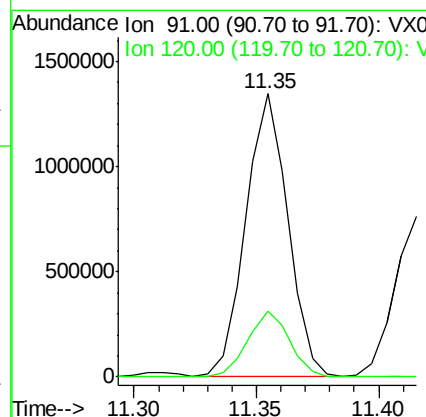
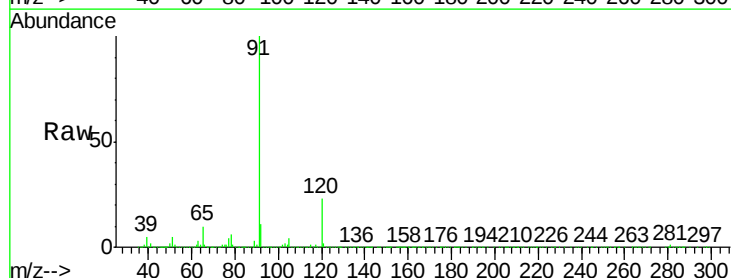
RT: 11.35 min Scan# 1717

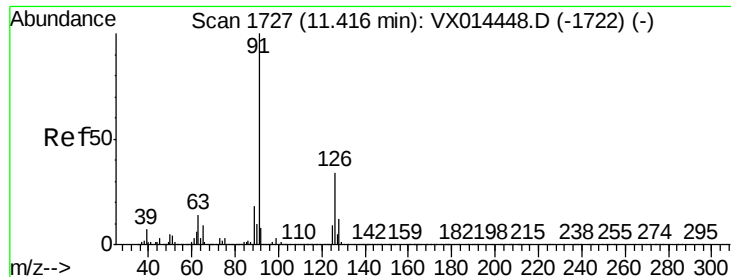
Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion:	91	Resp:	1595713
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5





#79

2-Chlorotoluene

Concen: 56.768 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 923374

Ion Ratio Lower Upper

91 100

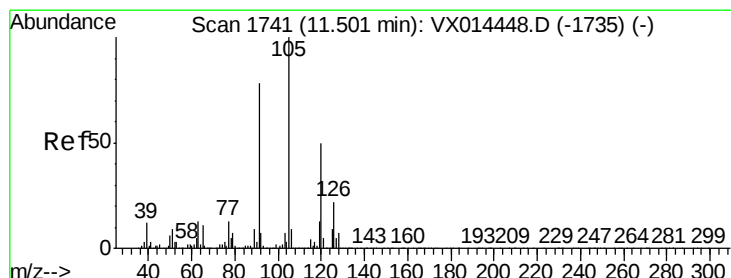
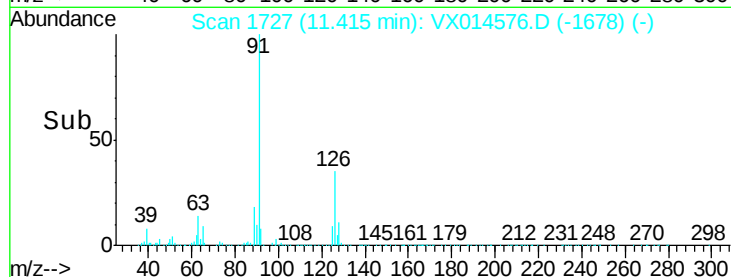
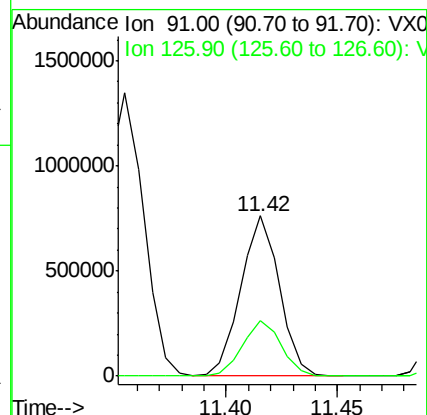
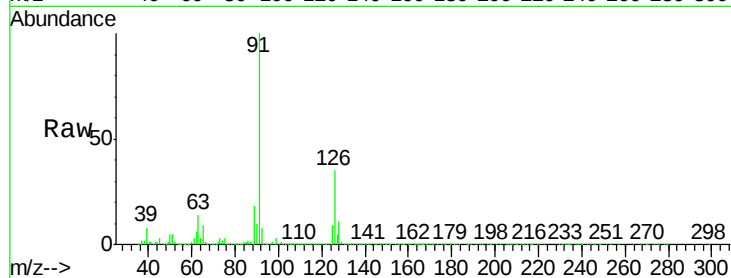
126 34.9 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 58.744 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014576.D

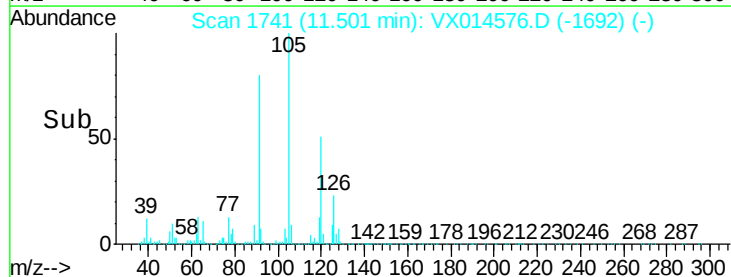
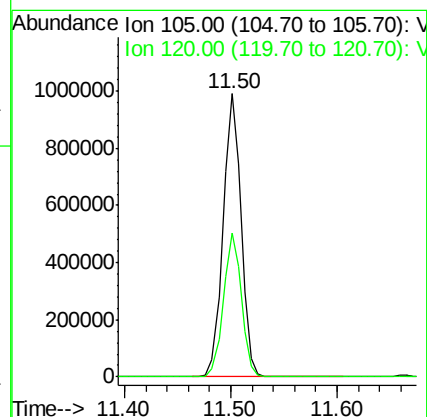
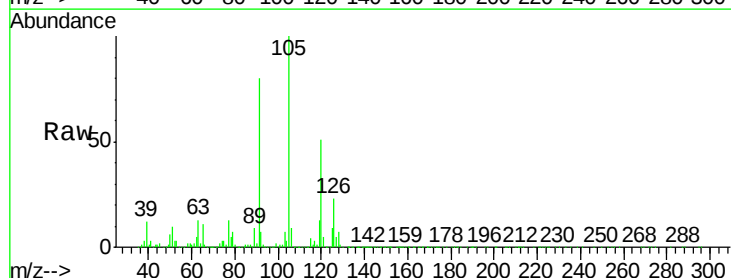
Acq: 13 Jan 2020 10:37

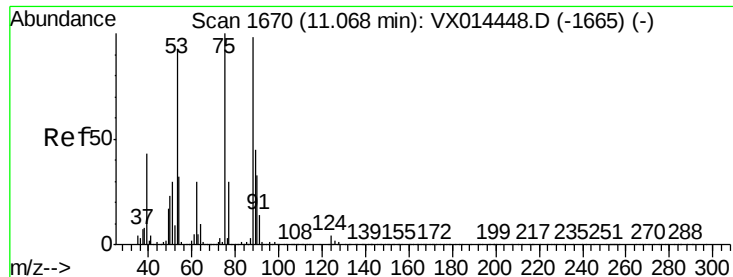
Tgt Ion: 105 Resp: 1162264

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





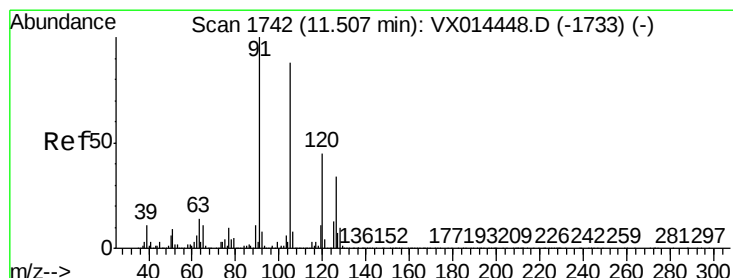
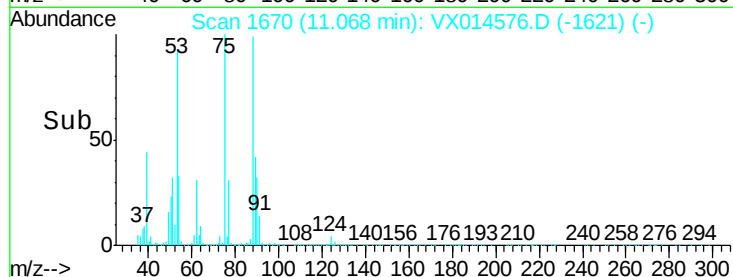
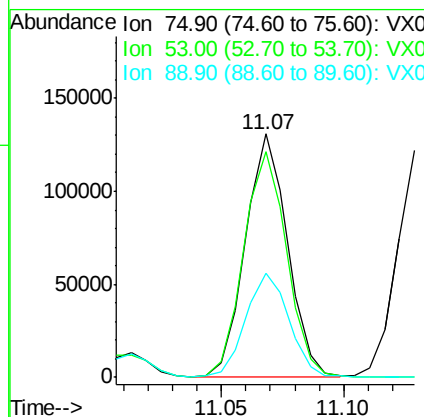
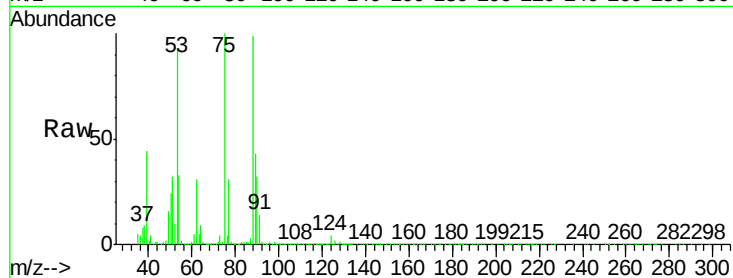
#81
trans-1,4-Dichloro-2-butene
Concen: 58.808 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.7	74.8	112.2
89	44.4	36.3	54.5

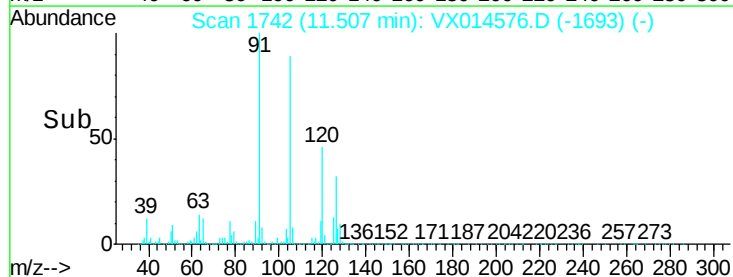
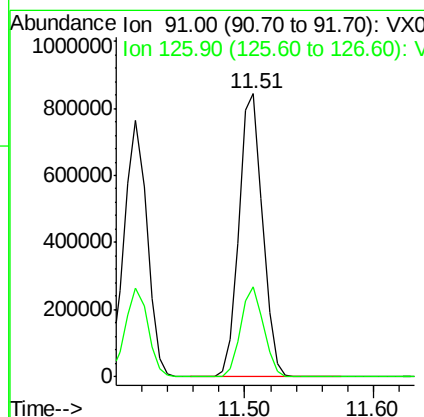
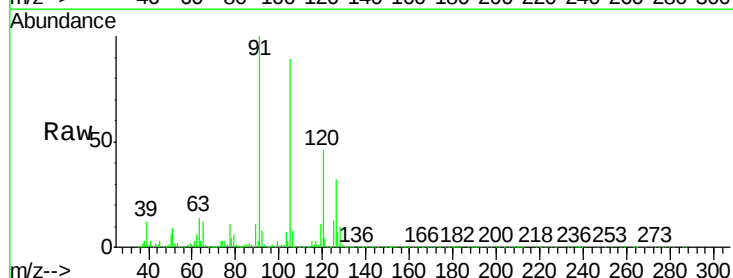
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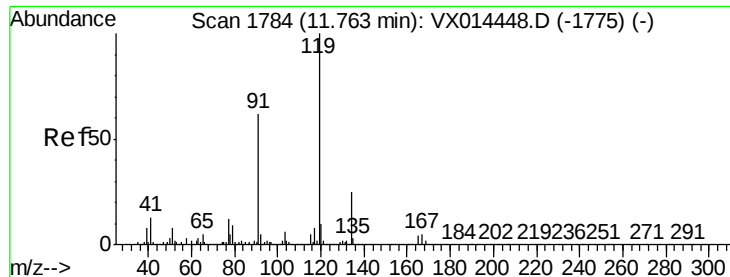
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#82
4-Chlorotoluene
Concen: 56.328 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.9	47.7





#83

tert-Butylbenzene

Concen: 58.596 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1095401

Ion Ratio Lower Upper

119 100

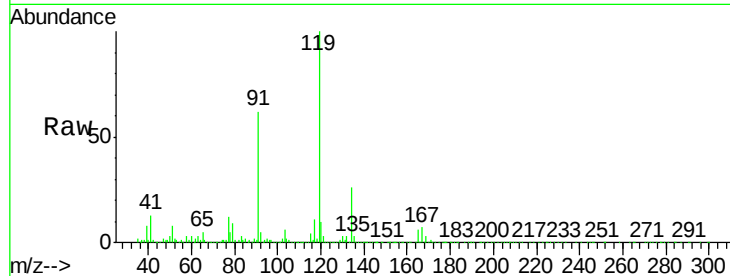
91 57.8 29.3 88.0

134 24.8 12.4 37.4

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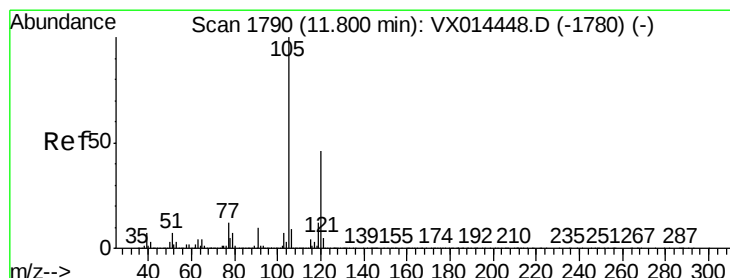
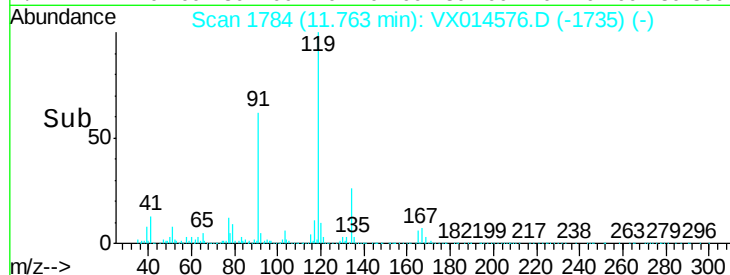
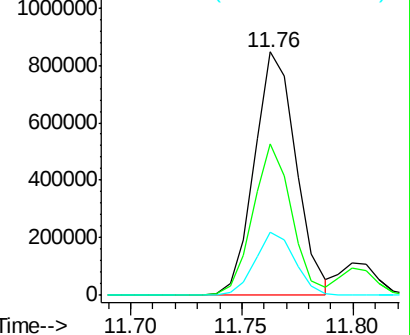
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 58.153 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014576.D

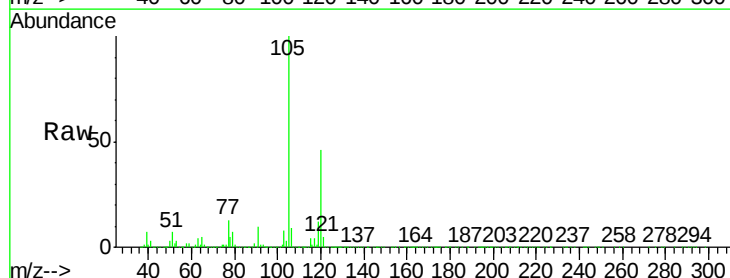
Acq: 13 Jan 2020 10:37

Tgt Ion:105 Resp: 1162611

Ion Ratio Lower Upper

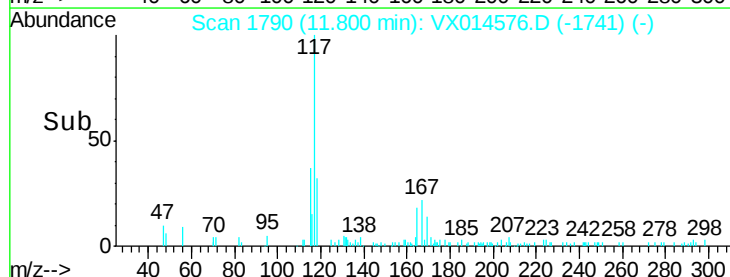
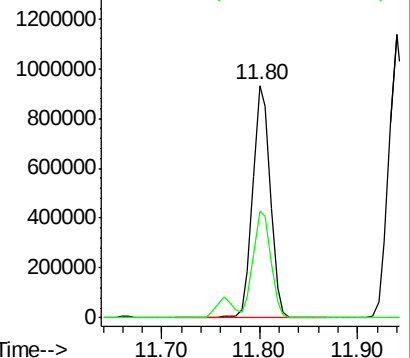
105 100

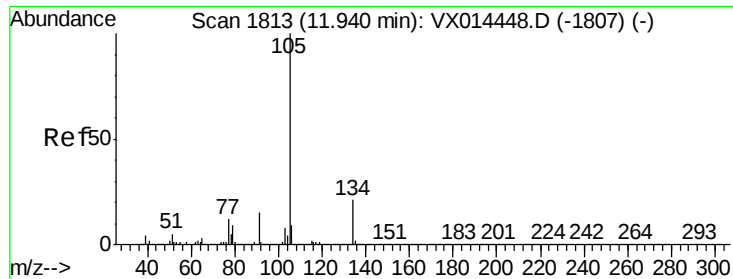
120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.849 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1367635

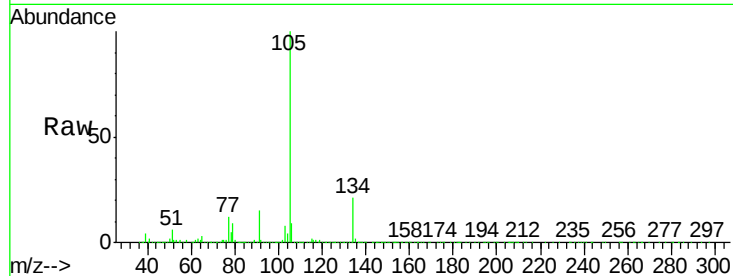
Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5

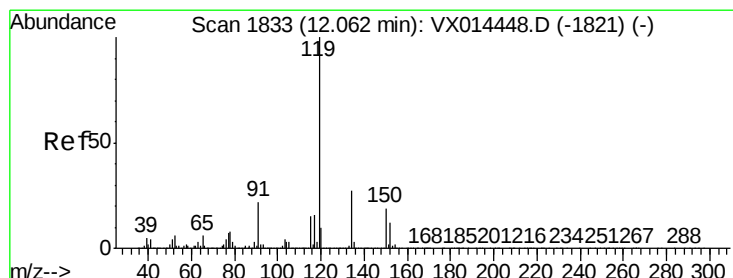
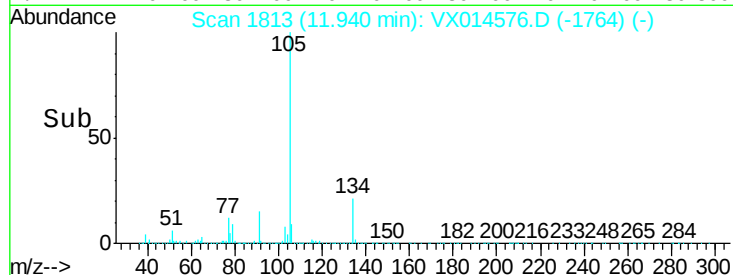
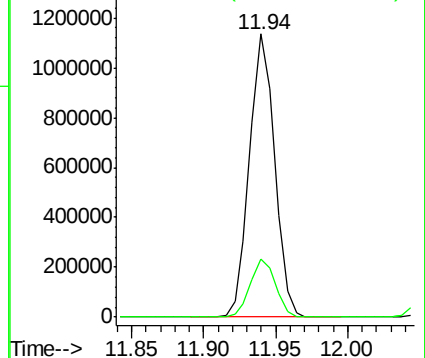
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.646 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

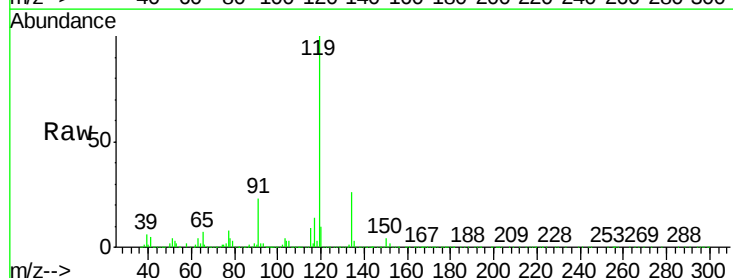
Tgt Ion:119 Resp: 1264724

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

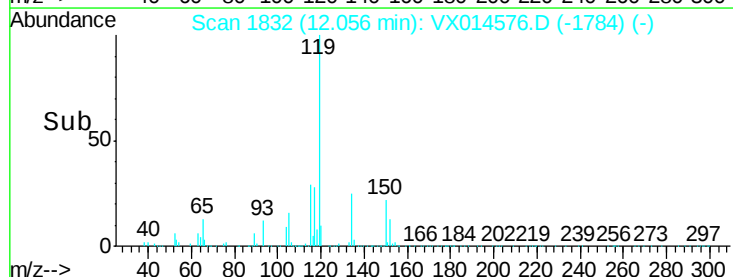
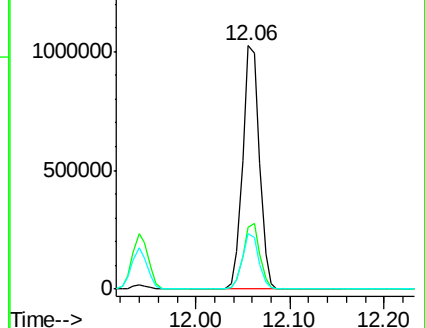
91 22.4 11.1 33.3

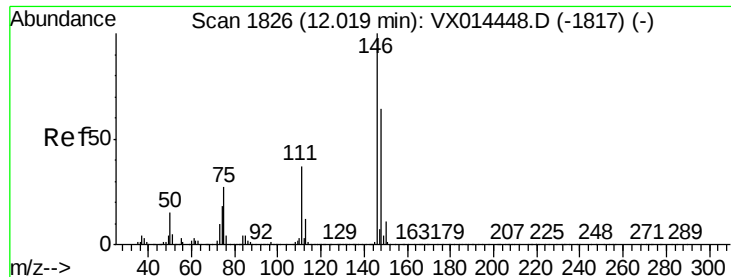


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.251 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

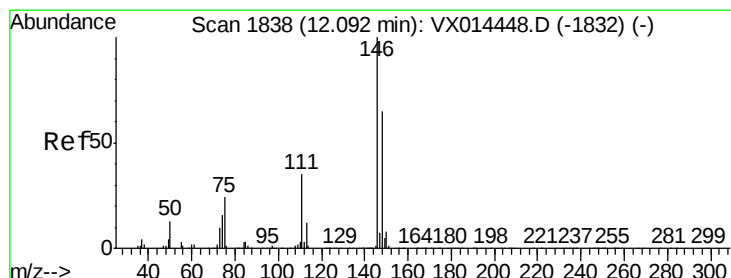
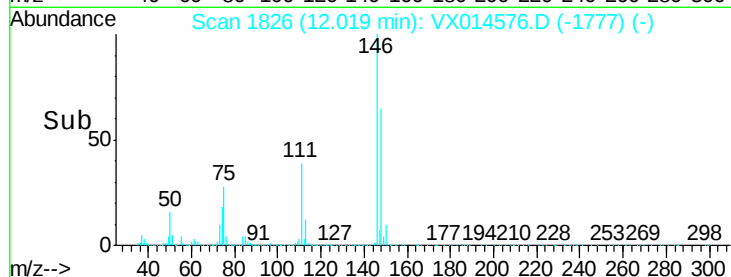
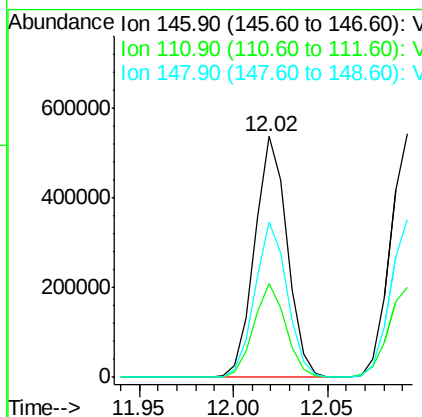
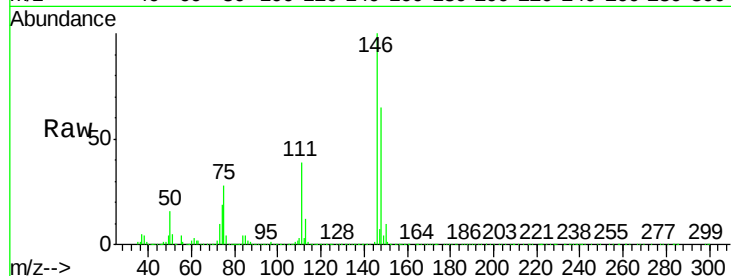
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.9	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 57.033 ug/l

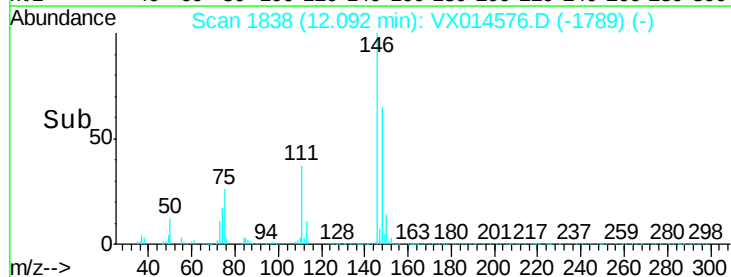
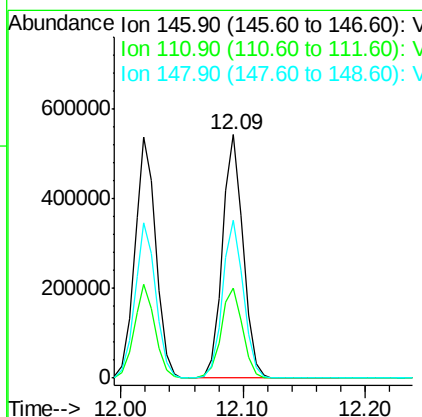
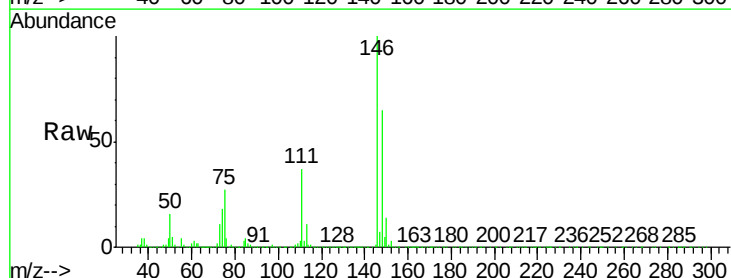
RT: 12.09 min Scan# 1838

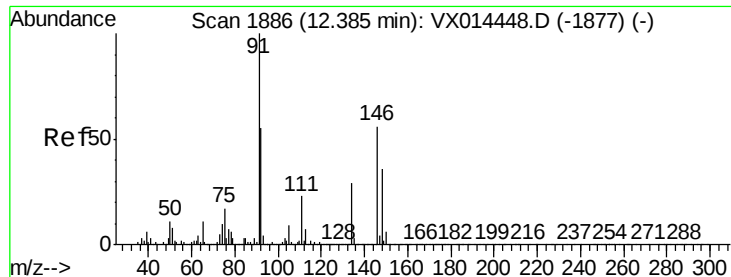
Delta R.T. 0.00 min

Lab File: VX014576.D

Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	65.2	32.1	96.3





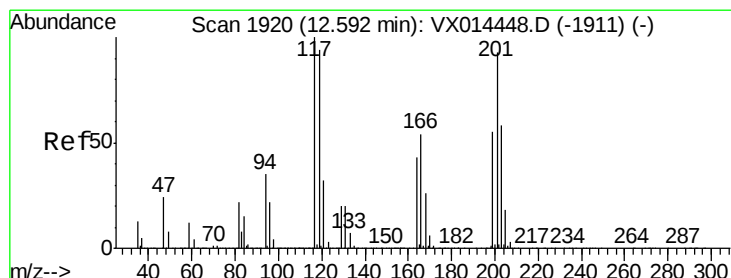
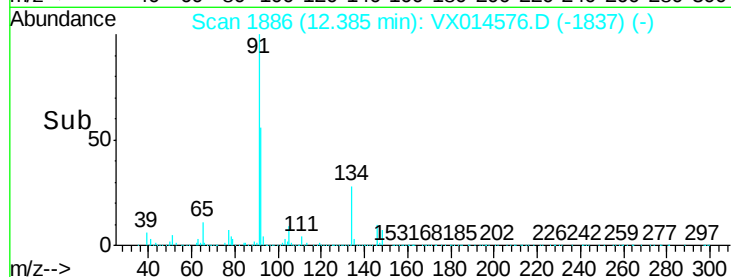
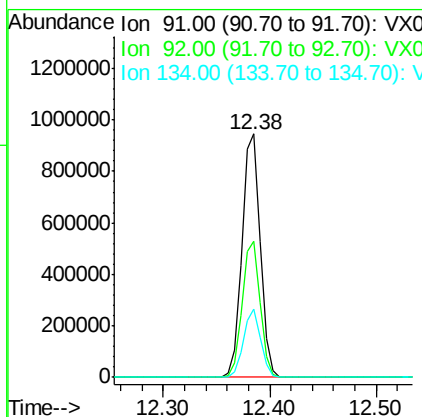
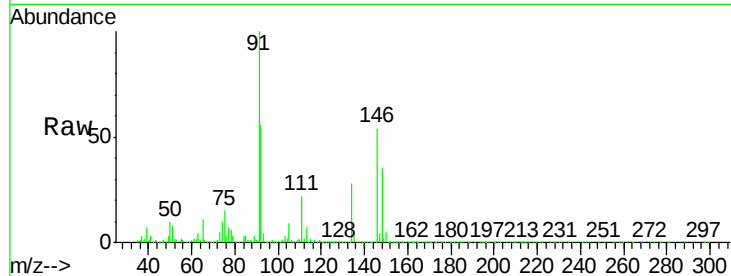
#89
n-Butylbenzene
Concen: 57.512 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	26.6	13.9	41.7

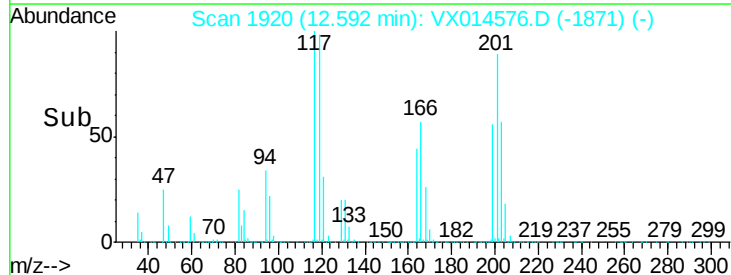
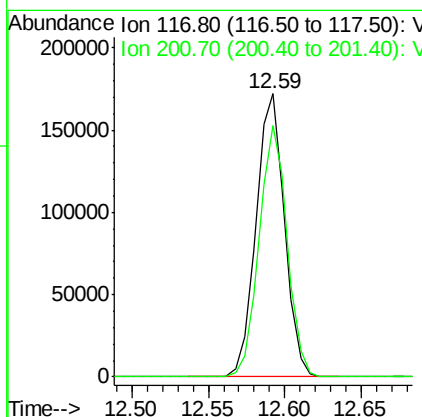
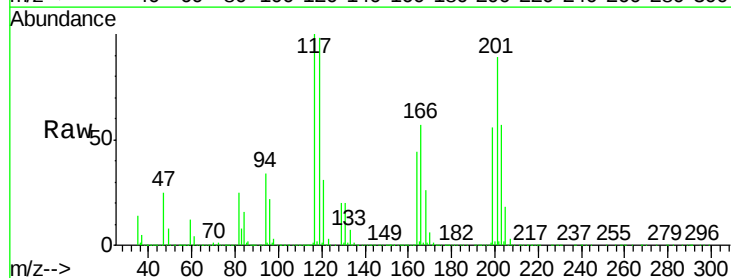
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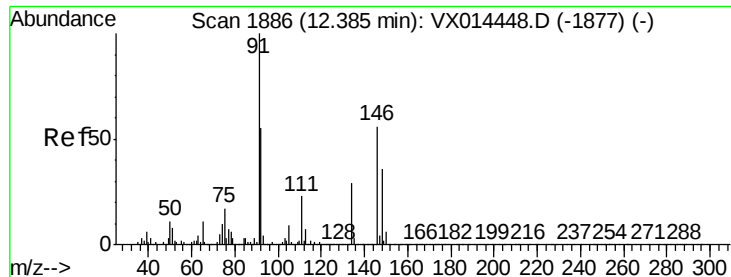
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#90
Hexachloroethane
Concen: 58.503 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	44.8	134.3





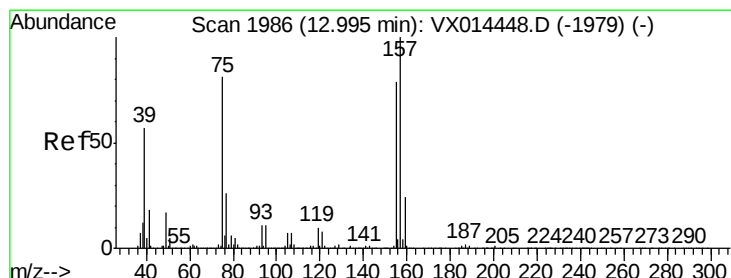
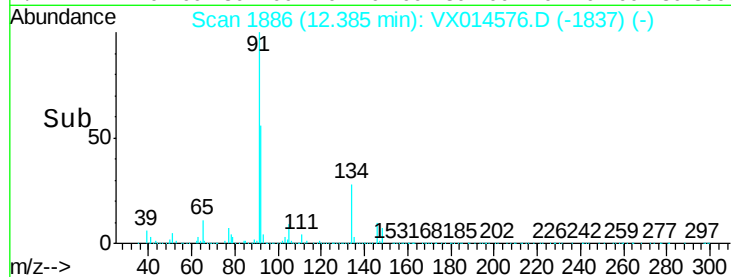
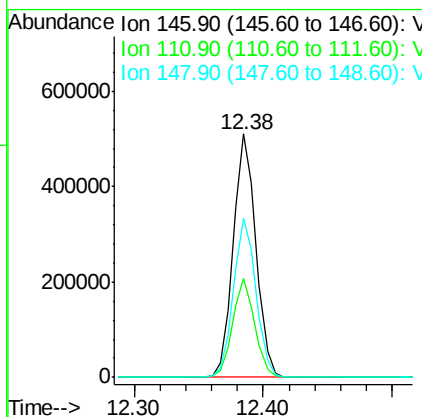
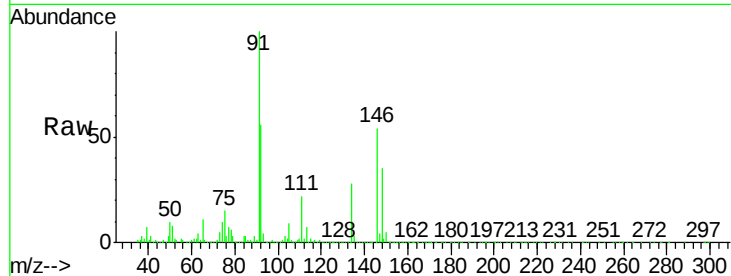
#91
 1,2-Dichlorobenzene
 Concen: 54.083 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	65.2	32.3	96.8

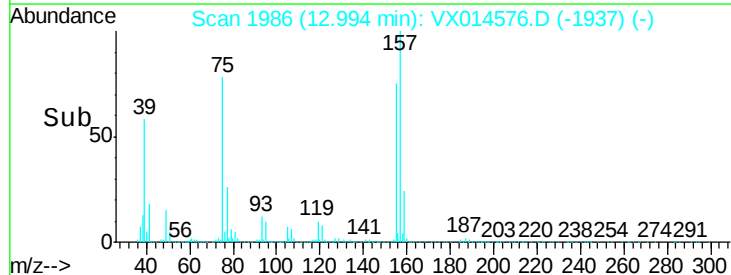
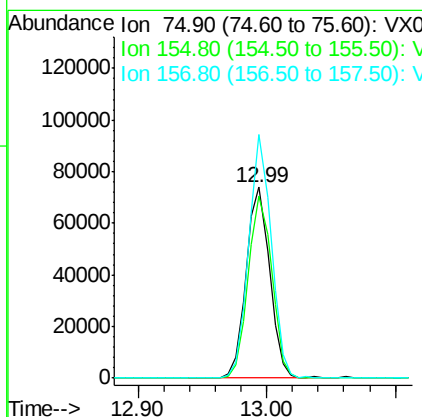
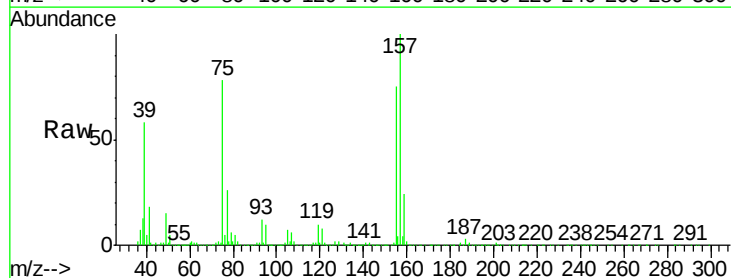
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.328 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	48.7	146.1
157	123.2	62.0	185.9





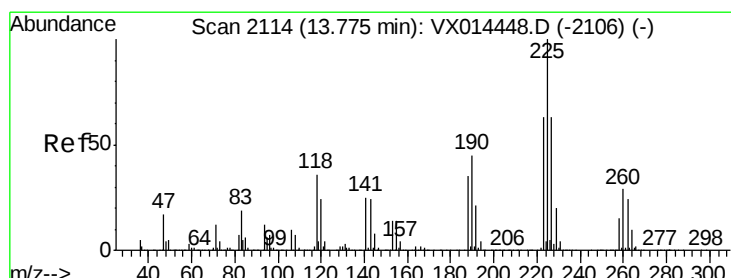
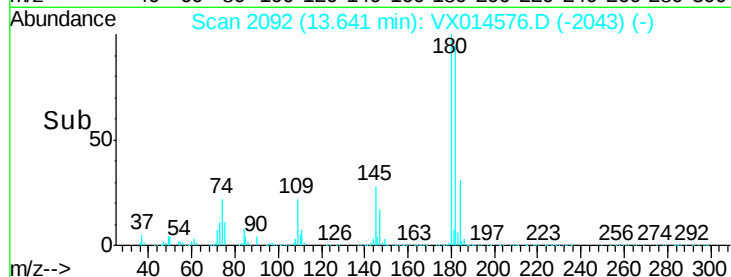
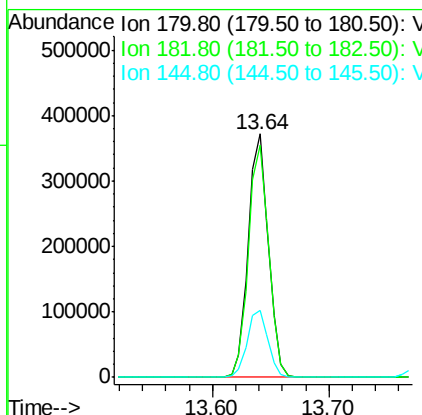
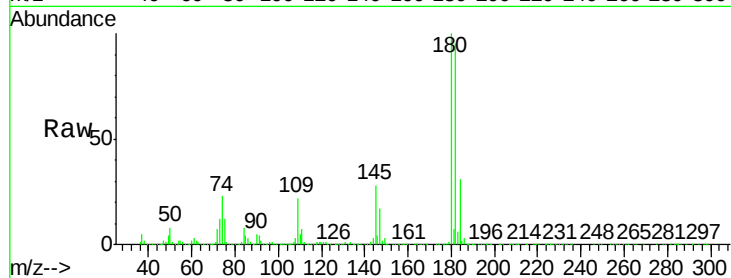
#93
 1,2,4-Trichlorobenzene
 Concen: 55.295 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	47.5	142.5	
145	28.4	13.9	41.6	

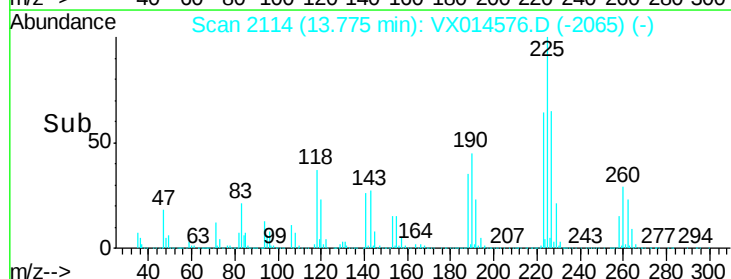
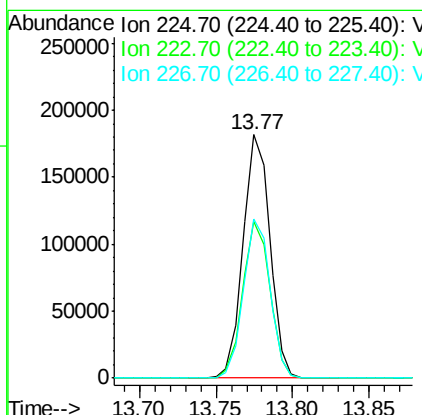
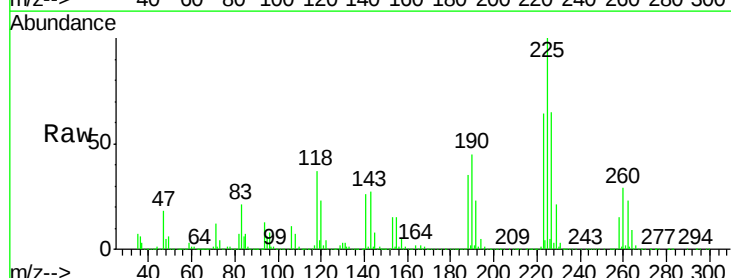
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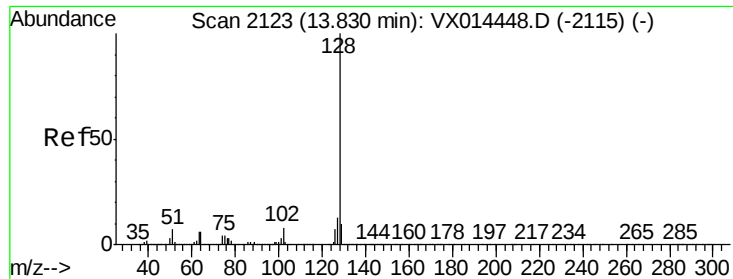
MMDadoda
 1/14/2020 3:08:49 PM



#94
 Hexachlorobutadiene
 Concen: 58.139 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014576.D
 Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.2	31.1	93.2	
227	64.8	31.4	94.2	





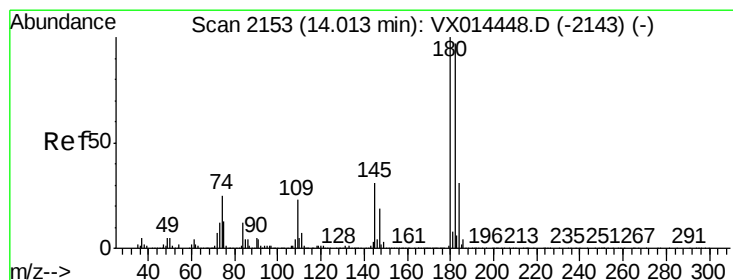
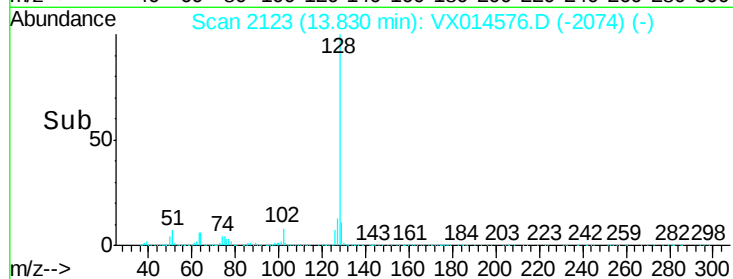
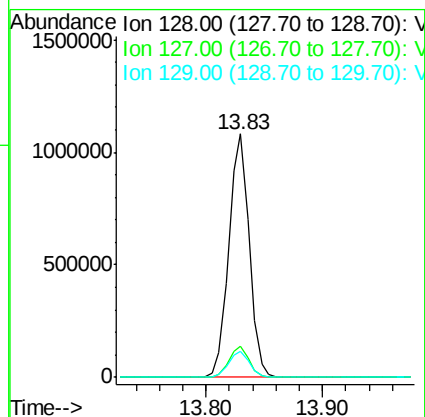
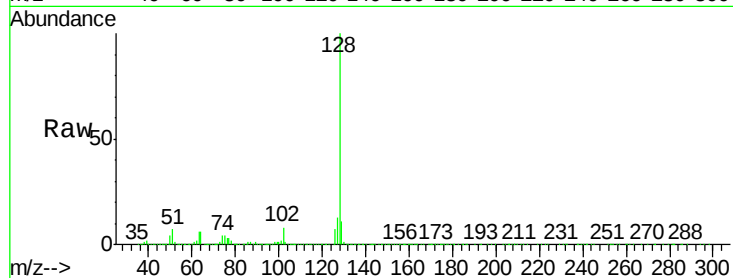
#95
Naphthalene
Concen: 51.696 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/14/2020 3:08:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.434 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014576.D
Acq: 13 Jan 2020 10:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	30.1	14.8	44.3

