

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022420\
 Data File : VX015003.D
 Acq On : 24 Feb 2020 16:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 9:36:44 AM

Quant Time: Feb 25 01:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	655982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	237381	47.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.48	113	200091	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.70	98	760553	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	276596	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	198990	47.087	ug/l	99
3) Chloromethane	1.32	50	226117	47.194	ug/l	99
4) Vinyl Chloride	1.40	62	242232	46.932	ug/l	97
5) Bromomethane	1.63	94	154967	46.385	ug/l	97
6) Chloroethane	1.72	64	152729	46.246	ug/l	100
7) Trichlorofluoromethane	1.92	101	331131	45.918	ug/l	99
8) Diethyl Ether	2.18	74	138804	46.417	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204902	48.951	ug/l	98
10) Methyl Iodide	2.50	142	233192	49.974	ug/l	99
11) Tert butyl alcohol	3.02	59	219875	247.267	ug/l	100
12) 1,1-Dichloroethene	2.36	96	200099	48.920	ug/l	97
13) Acrolein	2.28	56	153052	225.830	ug/l	98
14) Allyl chloride	2.72	41	345542	47.648	ug/l	98
15) Acrylonitrile	3.12	53	572079	253.778	ug/l	99
16) Acetone	2.43	43	556702	203.758	ug/l	98
17) Carbon Disulfide	2.56	76	485636	42.494	ug/l	99
18) Methyl Acetate	2.76	43	274234	54.066	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	660209	49.595	ug/l	99
20) Methylene Chloride	2.84	84	218319	45.063	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	204155	45.234	ug/l	99
22) Diisopropyl ether	3.84	45	701228	50.628	ug/l	94
23) Vinyl Acetate	3.80	43	2990182	261.888	ug/l	99
24) 1,1-Dichloroethane	3.69	63	379167	48.505	ug/l	98
25) 2-Butanone	4.65	43	812479	236.966	ug/l	99
26) 2,2-Dichloropropane	4.57	77	317147	47.078	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	242816	48.129	ug/l	98
28) Bromochloromethane	5.00	49	151562	50.021	ug/l	98
29) Tetrahydrofuran	5.11	42	504088	258.628	ug/l	99
30) Chloroform	5.20	83	375397	48.403	ug/l	95
31) Cyclohexane	5.56	56	334968	47.047	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	323298	47.654	ug/l	99
36) 1,1-Dichloropropene	5.79	75	284158	48.425	ug/l	99
37) Ethyl Acetate	4.81	43	312997	51.142	ug/l	99
38) Carbon Tetrachloride	5.77	117	276808	48.406	ug/l	96

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 2/25/2020 9:36:44 AM

Quant Time: Feb 25 01:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351431	47.887	ug/l	98
40) Benzene	6.13	78	851425	48.563	ug/l	98
41) Methacrylonitrile	5.02	41	178467	54.129	ug/l	99
42) 1,2-Dichloroethane	6.17	62	303841	47.949	ug/l	98
43) Isopropyl Acetate	6.42	43	520508	51.556	ug/l	99
44) Trichloroethene	7.20	130	237130	46.591	ug/l	100
45) 1,2-Dichloropropane	7.50	63	222428	49.745	ug/l	98
46) Dibromomethane	7.65	93	146268	47.856	ug/l	98
47) Bromodichloromethane	7.89	83	300919	49.655	ug/l	98
48) Methyl methacrylate	7.76	41	256886	51.702	ug/l	99
49) 1,4-Dioxane	7.73	88	93107	1002.258	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1578827	258.985	ug/l	100
52) Toluene	8.78	92	537546	48.273	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	332867	50.119	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	363689	49.569	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	225386	50.027	ug/l	98
56) Ethyl methacrylate	9.17	69	353405	52.188	ug/l	99
57) 1,3-Dichloropropane	9.36	76	373581	49.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	898619	253.740	ug/l	100
59) 2-Hexanone	9.48	43	1202392	250.932	ug/l	98
60) Dibromochloromethane	9.57	129	243120	50.145	ug/l	97
61) 1,2-Dibromoethane	9.66	107	235290	48.403	ug/l	99
64) Tetrachloroethene	9.33	164	239037	42.405	ug/l	98
65) Chlorobenzene	10.13	112	589132	48.176	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	226946	51.119	ug/l	99
67) Ethyl Benzene	10.25	91	1042939	50.148	ug/l	99
68) m/p-Xylenes	10.35	106	794715	99.193	ug/l	99
69) o-Xylene	10.69	106	388170	50.402	ug/l	100
70) Styrene	10.70	104	665005	51.041	ug/l	99
71) Bromoform	10.85	173	193268	52.154	ug/l	100
73) Isopropylbenzene	11.01	105	1035833	51.743	ug/l	99
74) N-amyl acetate	10.89	43	449733	54.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	336894	51.482	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	291349m	50.471	ug/l	
77) Bromobenzene	11.25	156	273514	48.951	ug/l	99
78) n-propylbenzene	11.35	91	1183794	51.128	ug/l	100
79) 2-Chlorotoluene	11.42	91	689988	50.690	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	864237	51.668	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	117809	52.239	ug/l	100
82) 4-Chlorotoluene	11.50	91	806938	50.060	ug/l	100
83) tert-Butylbenzene	11.76	119	850060	53.666	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	884692	52.483	ug/l	99
85) sec-Butylbenzene	11.94	105	1021649	51.920	ug/l	99
86) p-Isopropyltoluene	12.06	119	952843	51.746	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	487115	48.596	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	493620	48.223	ug/l	99
89) n-Butylbenzene	12.38	91	834553	50.605	ug/l	100
90) Hexachloroethane	12.59	117	169766	52.793	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	481620	48.995	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73893	48.131	ug/l	99

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ClientSampleId :
VSTDCCC050EC

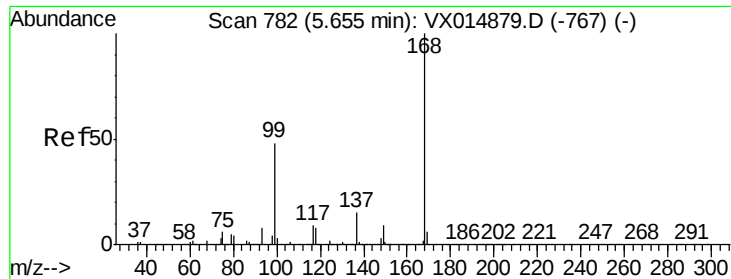
Manual Integrations
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2/25/2020 9:36:44 AM

Quant Time: Feb 25 01:05:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	350042	48.244	ug/l	99
94) Hexachlorobutadiene	13.78	225	173305	49.383	ug/l	99
95) Naphthalene	13.83	128	1023980	53.079	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	351083	50.084	ug/l	100

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



#1

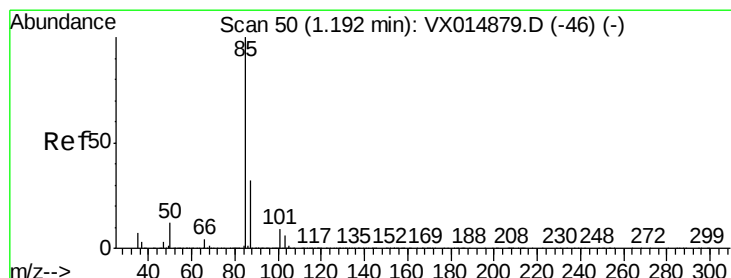
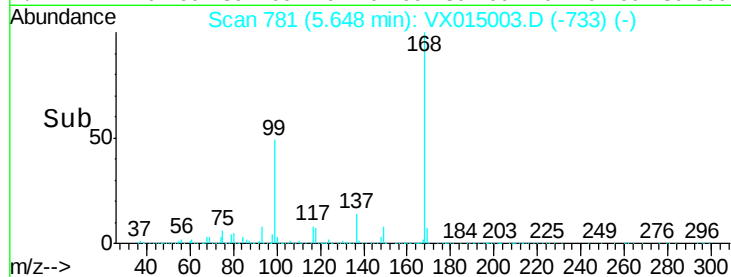
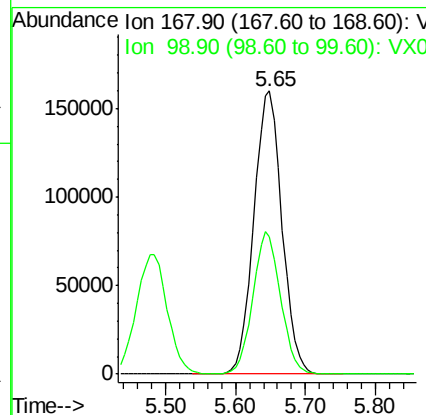
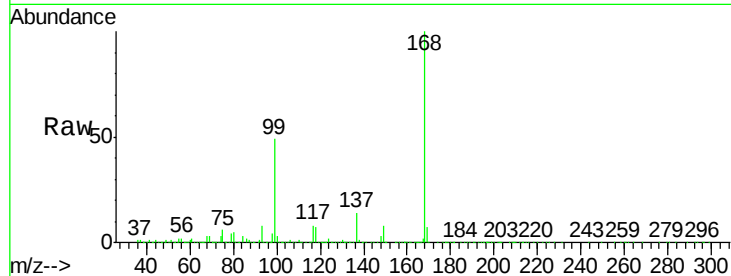
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.5	38.7	58.1

Manual Integrations
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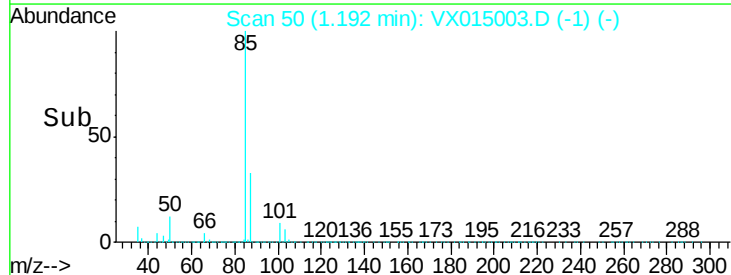
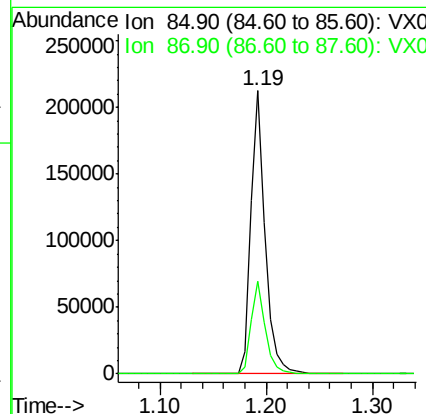
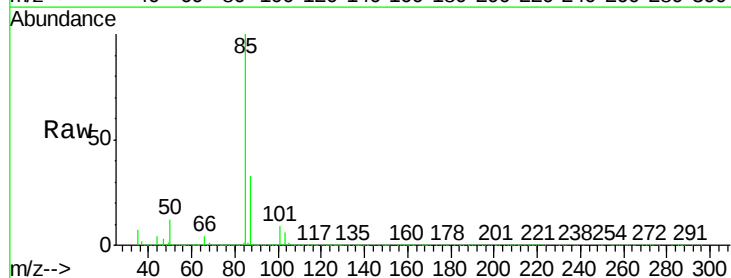
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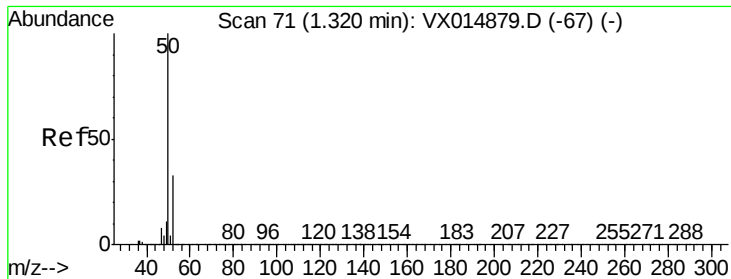


#2

Dichlorodifluoromethane
 Concen: 47.087 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.1	48.2





#3

Chloromethane

Concen: 47.194 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 226117

Ion Ratio Lower Upper

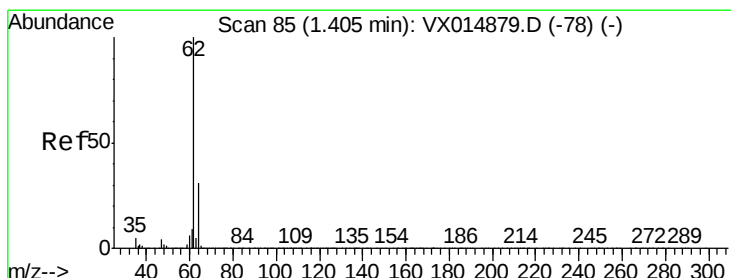
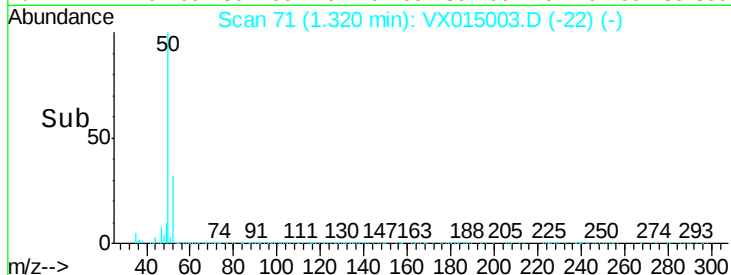
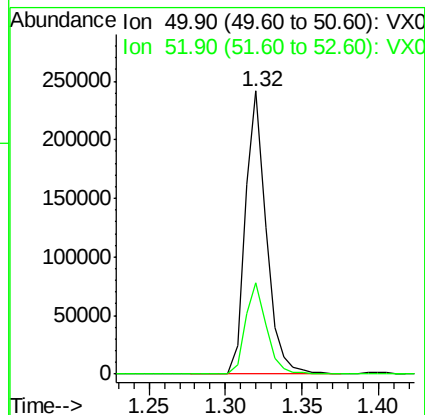
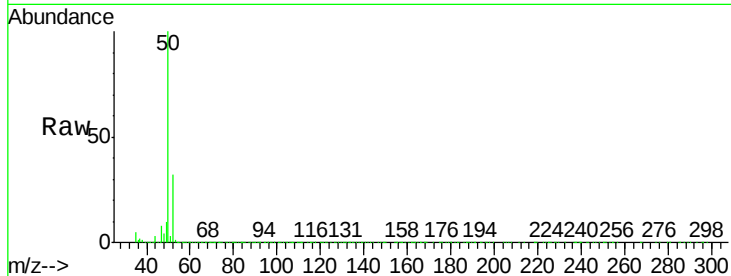
50 100

52 32.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 46.932 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015003.D

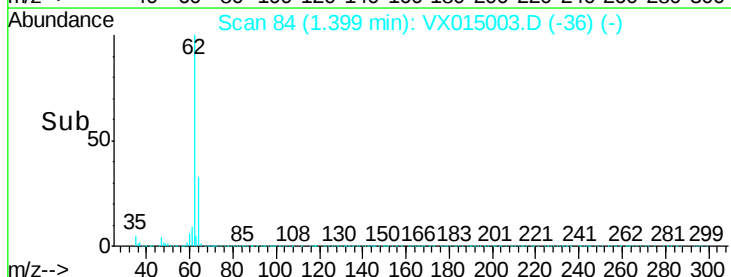
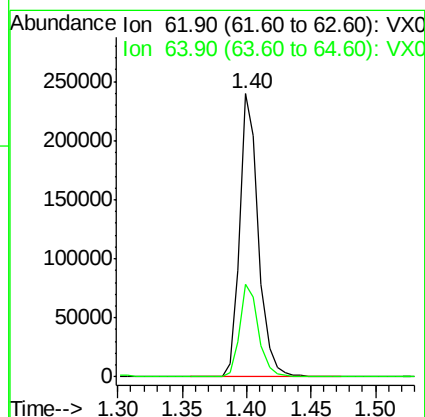
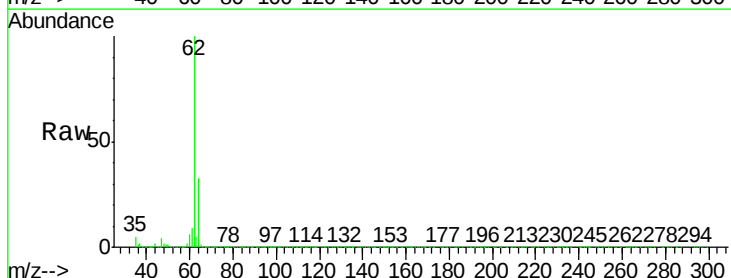
Acq: 24 Feb 2020 16:26

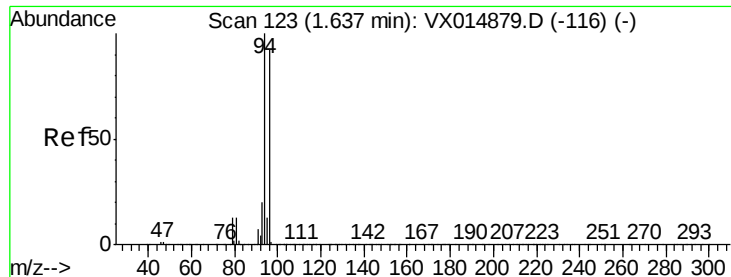
Tgt Ion: 62 Resp: 242232

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2





#5

Bromomethane

Concen: 46.385 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 154967

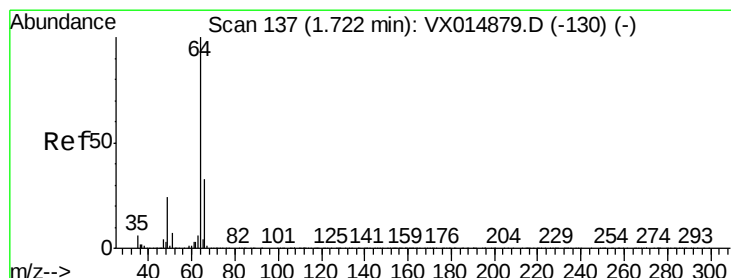
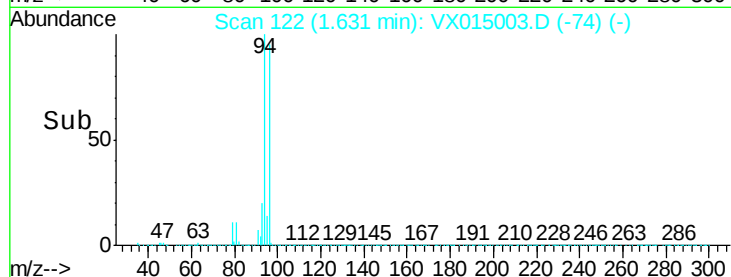
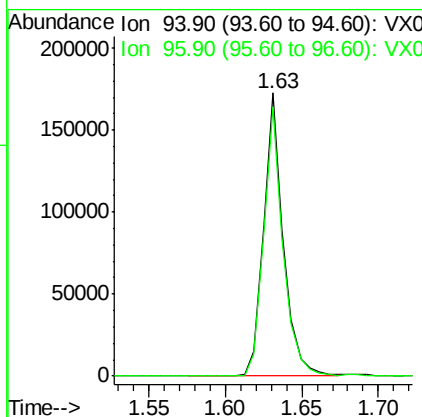
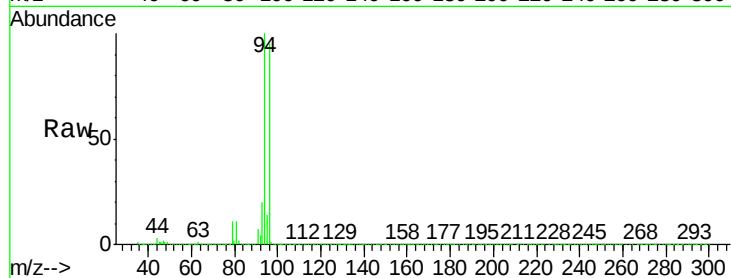
Ion Ratio Lower Upper

94 100

96 95.0 73.7 110.5

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#6

Chloroethane

Concen: 46.246 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015003.D

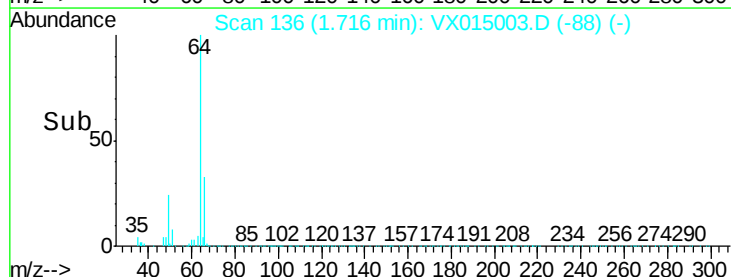
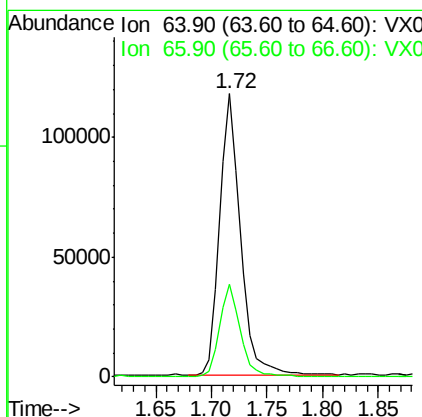
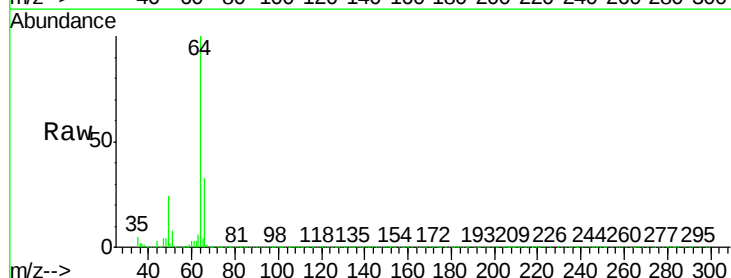
Acq: 24 Feb 2020 16:26

Tgt Ion: 64 Resp: 152729

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.4





#7

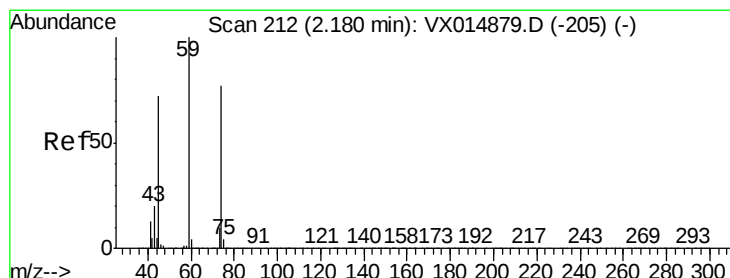
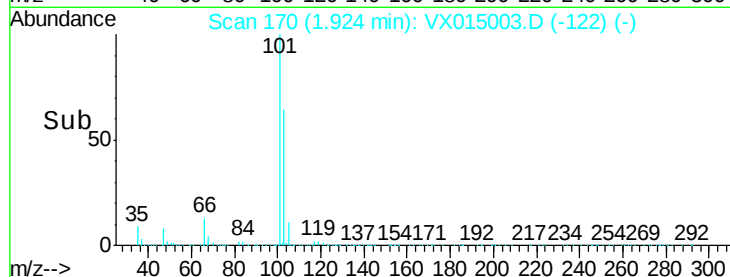
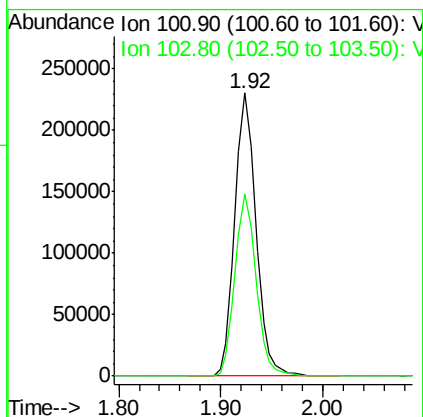
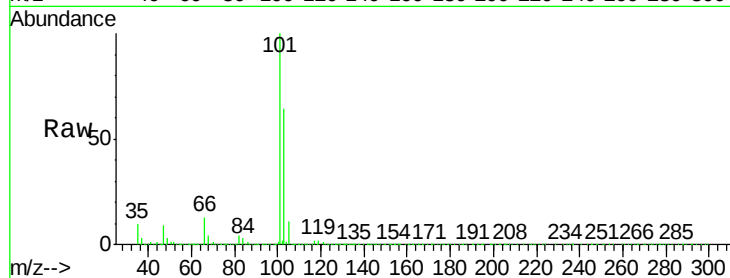
Trichlorofluoromethane
Concen: 45.918 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.4

Manual Integrations
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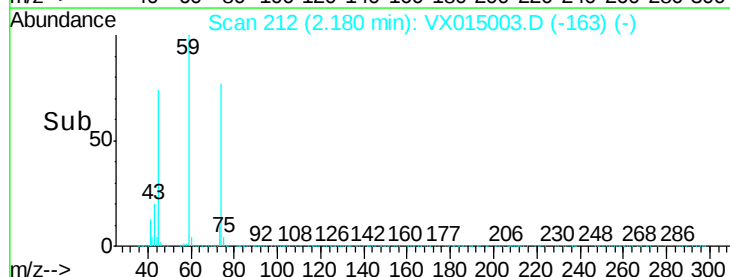
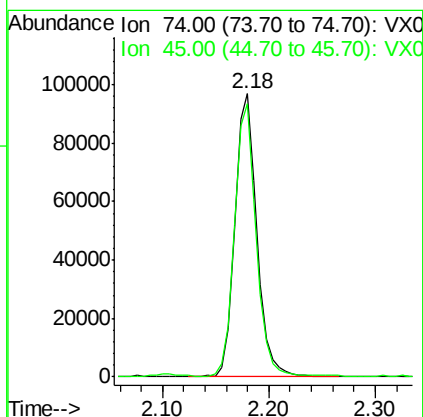
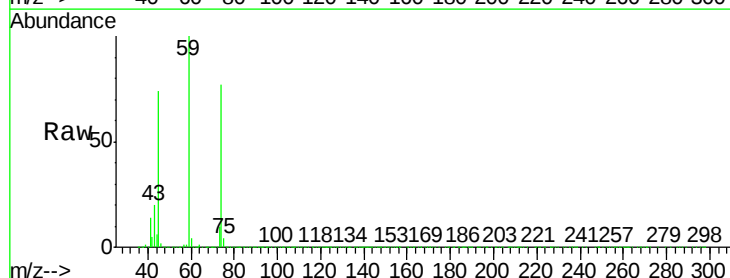
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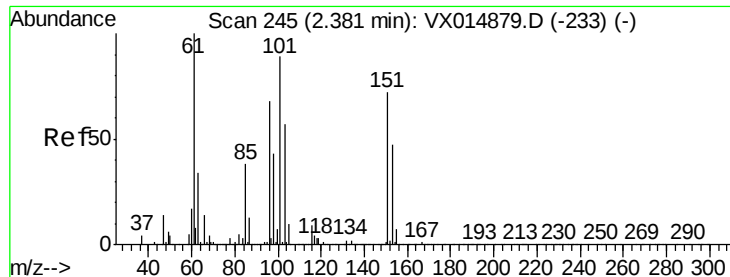


#8

Diethyl Ether
Concen: 46.417 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.951 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

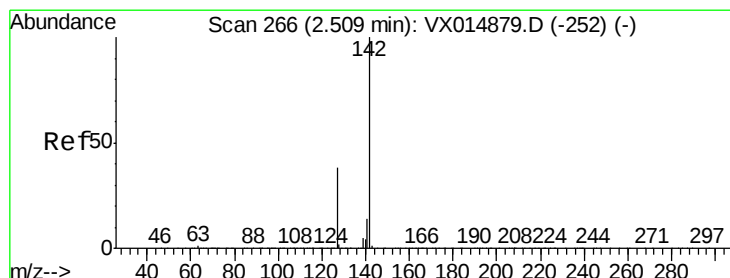
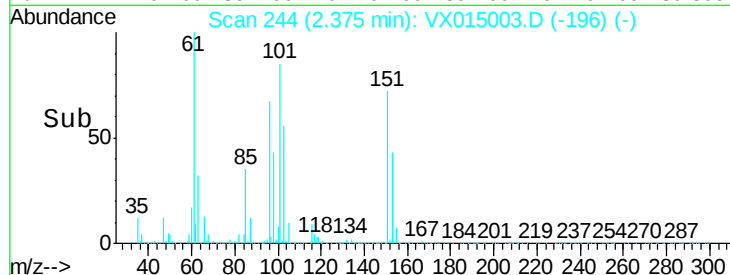
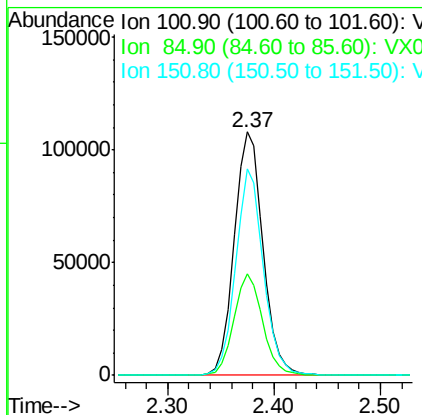
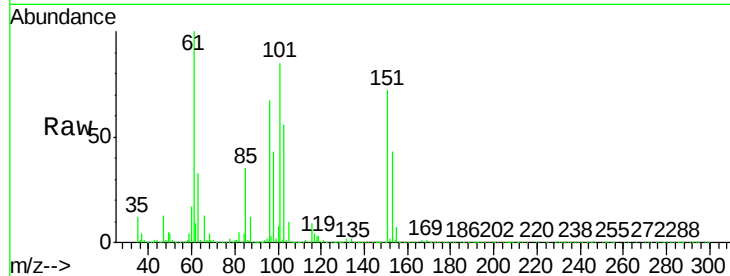
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	204902
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.1	51.1
151	81.8	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 49.974 ug/l

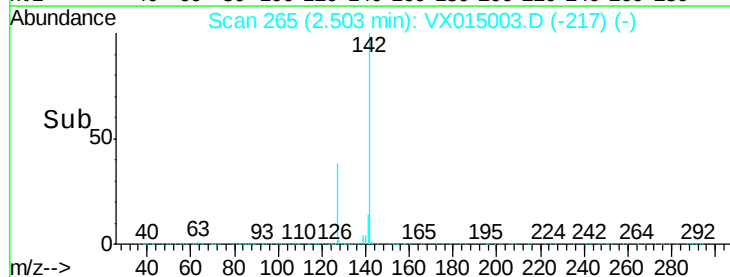
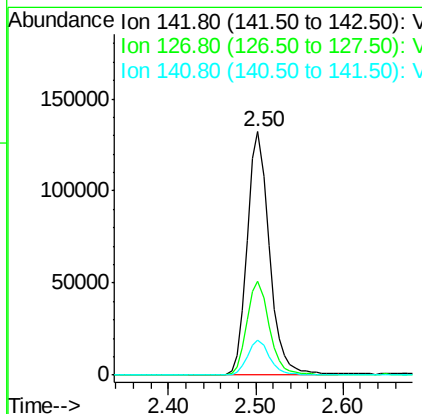
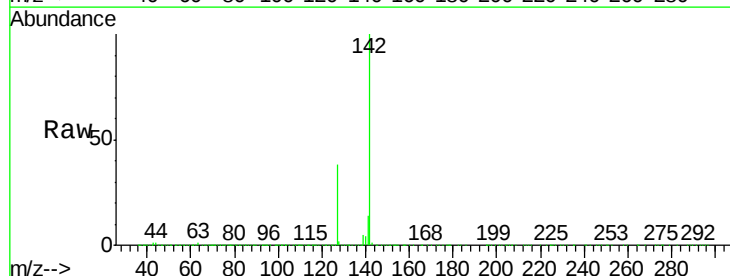
RT: 2.50 min Scan# 265

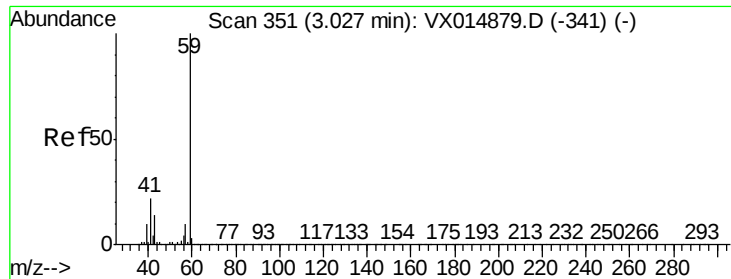
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	142	Resp:	233192
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.1	46.7
141	14.4	11.3	16.9





#11

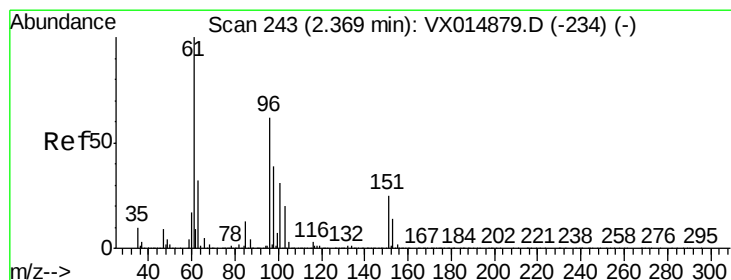
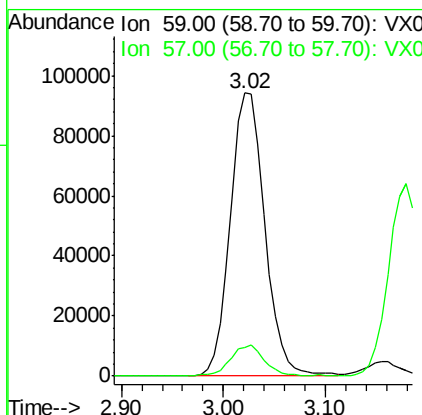
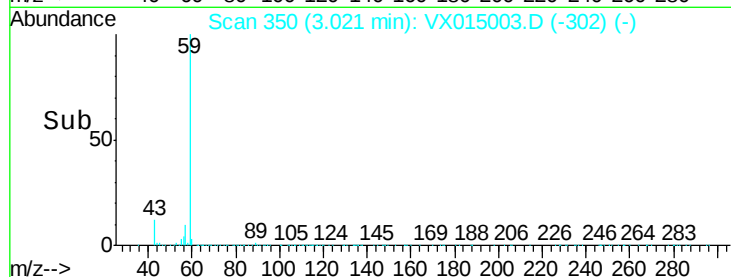
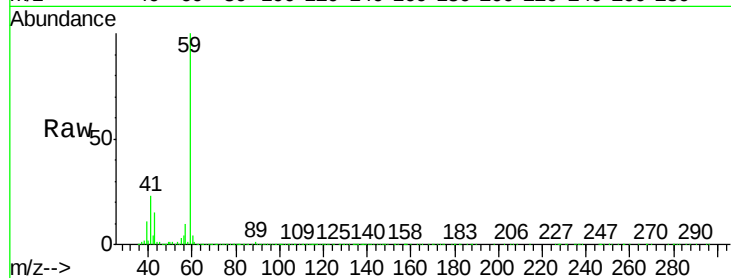
Tert butyl alcohol
Concen: 247.267 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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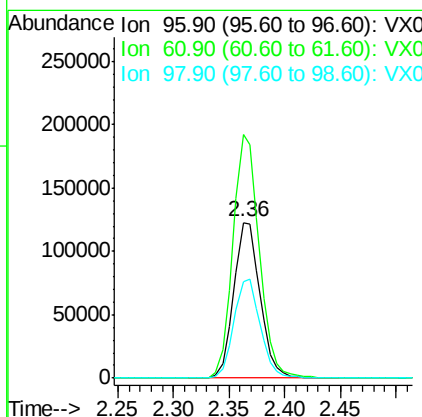
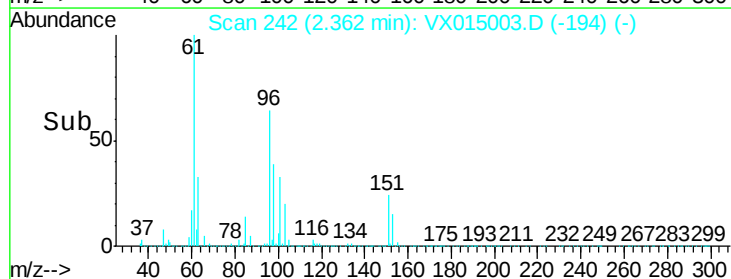
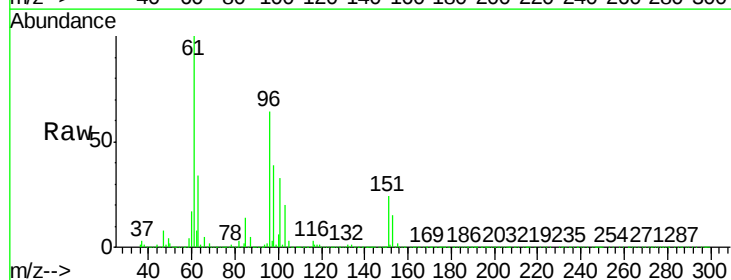
MMDadoda
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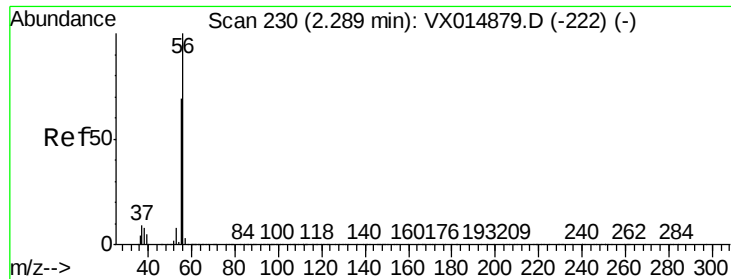


#12

1,1-Dichloroethene
Concen: 48.920 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	129.5	194.3
98	61.7	50.6	76.0





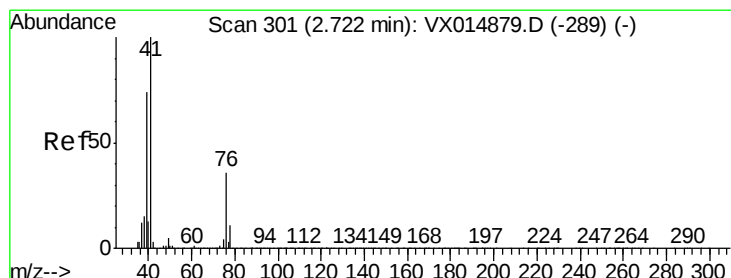
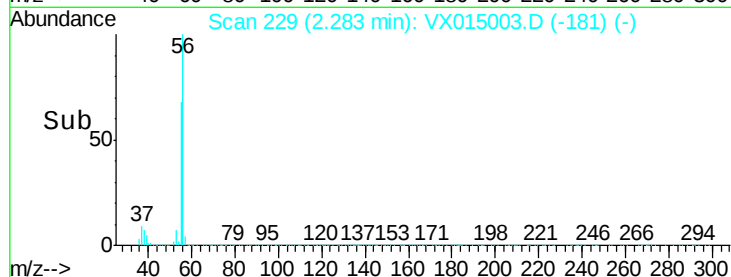
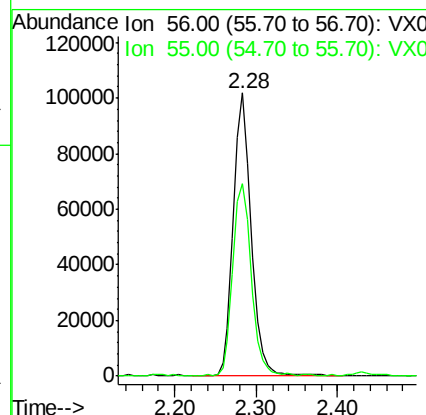
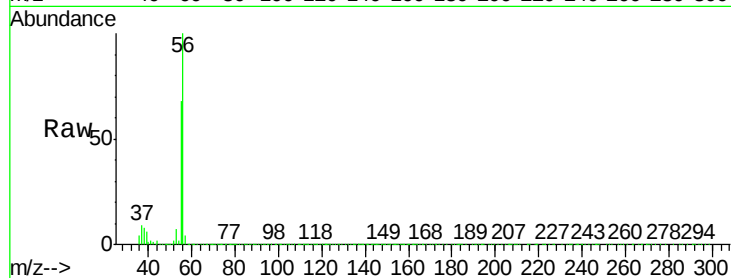
#13
Acrolein
Concen: 225.830 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	55.0	82.4

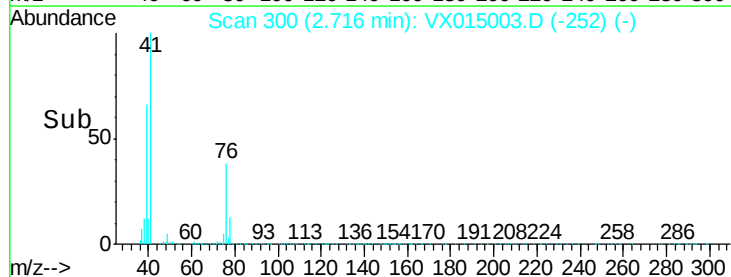
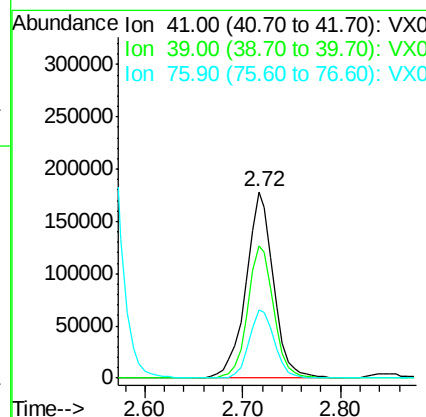
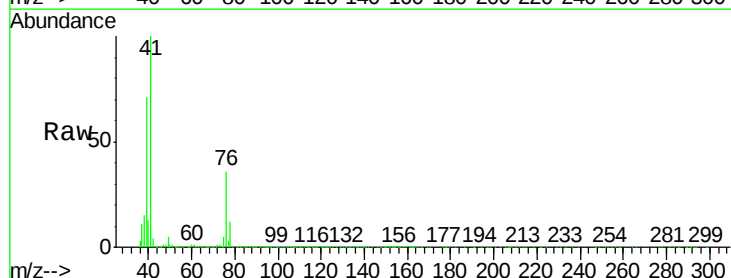
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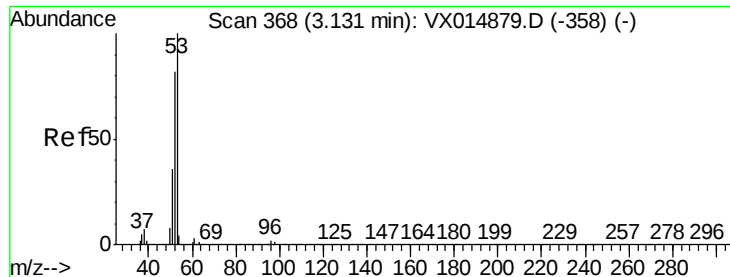
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2/25/2020 9:36:44 AM



#14
Allyl chloride
Concen: 47.648 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.7	55.2	82.8
76	33.6	26.8	40.2





#15

Acrylonitrile

Concen: 253.778 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

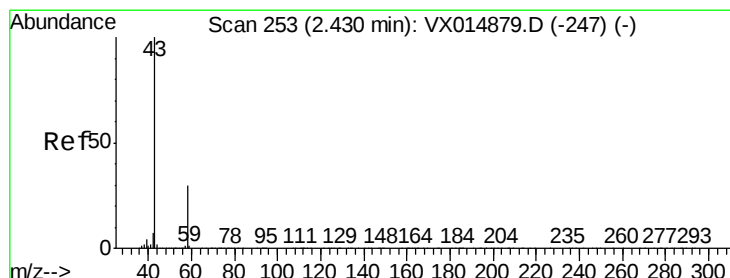
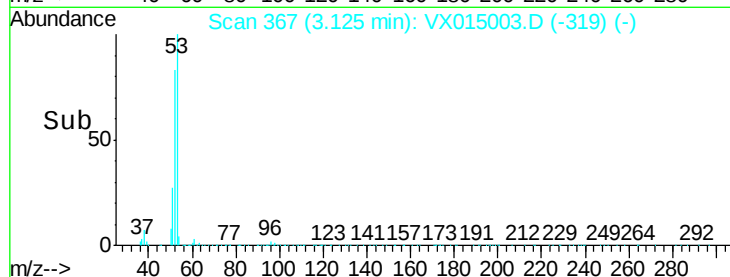
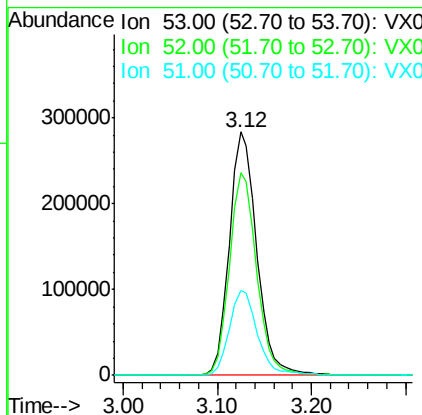
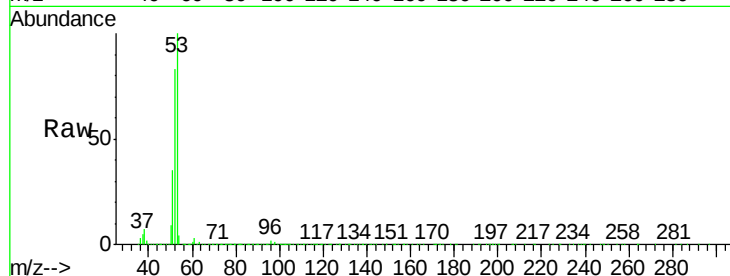
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	572079
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	35.8	29.1	43.7

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#16

Acetone

Concen: 203.758 ug/l

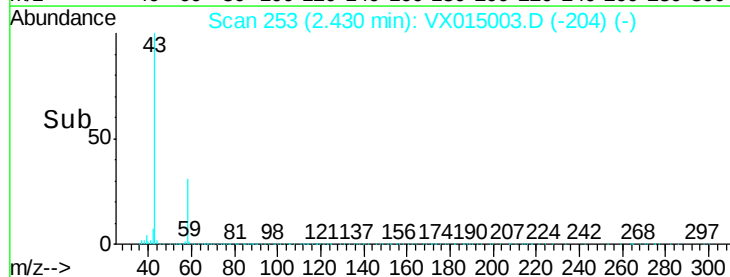
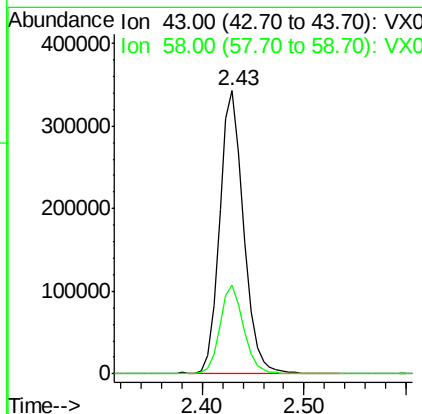
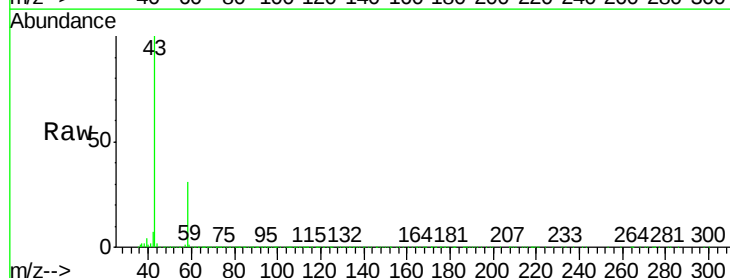
RT: 2.43 min Scan# 253

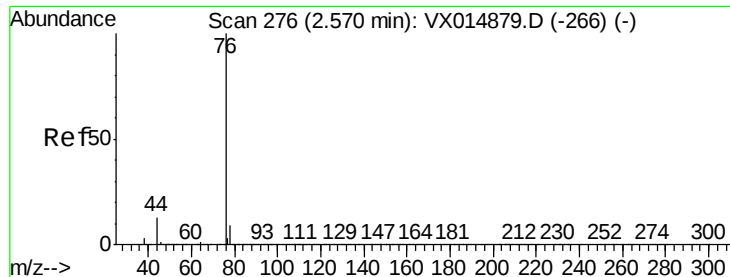
Delta R.T. 0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion	43	Resp	556702
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.1	36.1





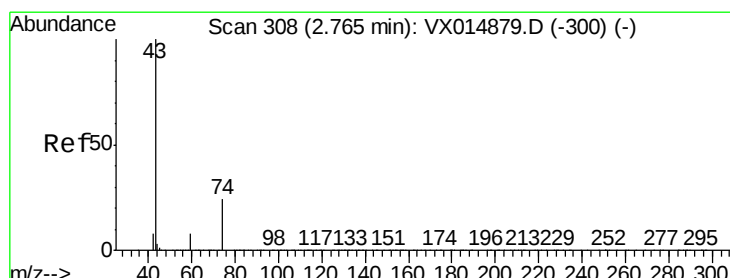
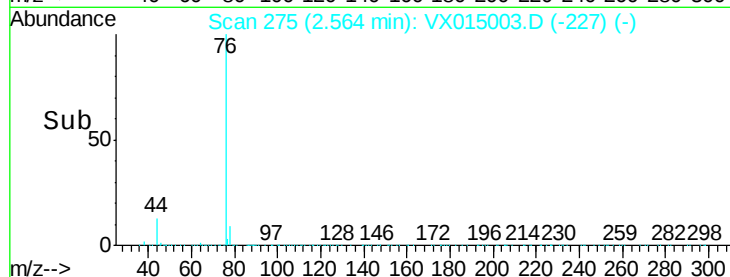
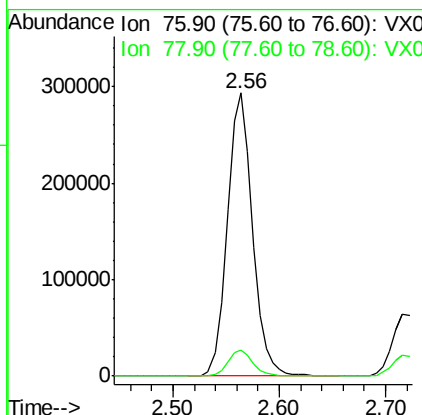
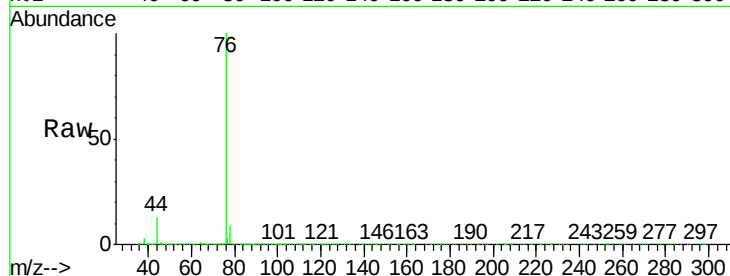
#17
Carbon Disulfide
Concen: 42.494 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

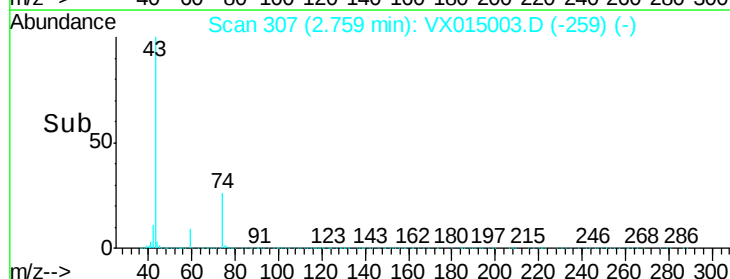
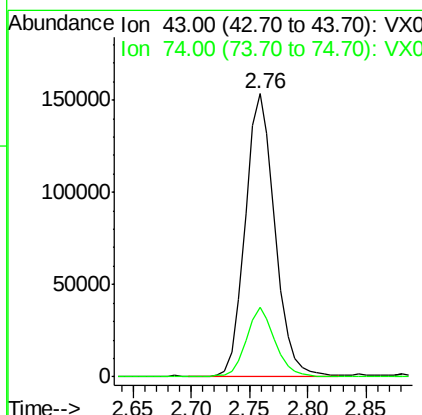
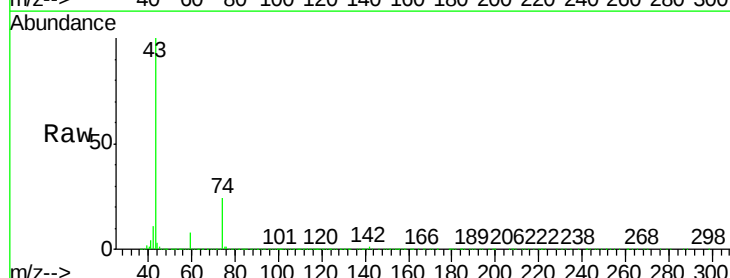
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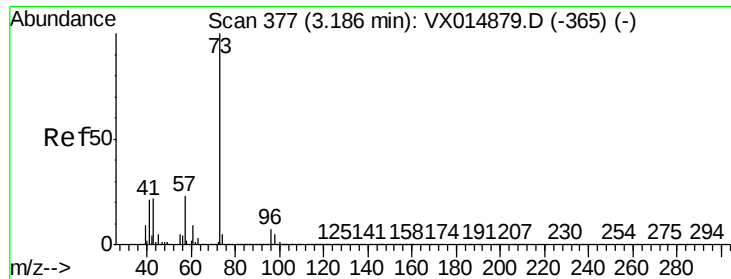
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#18
Methyl Acetate
Concen: 54.066 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.0





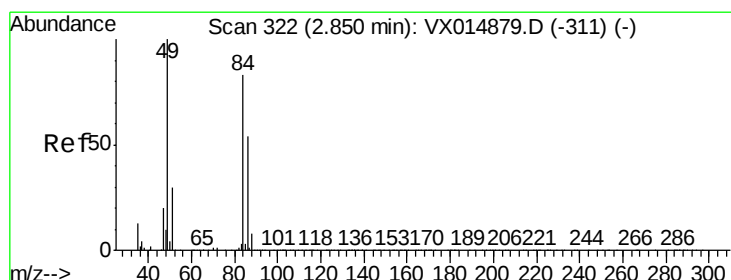
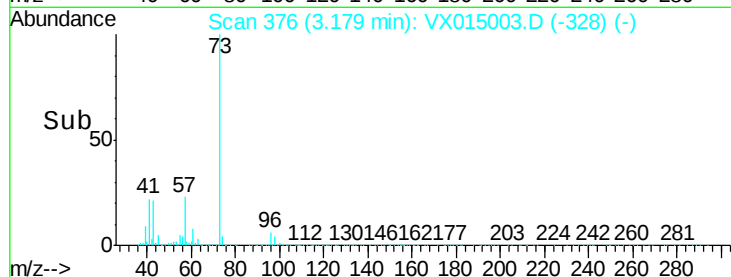
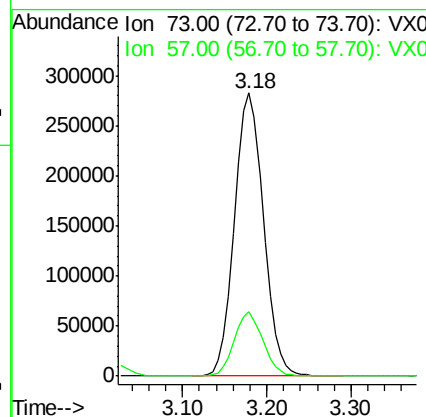
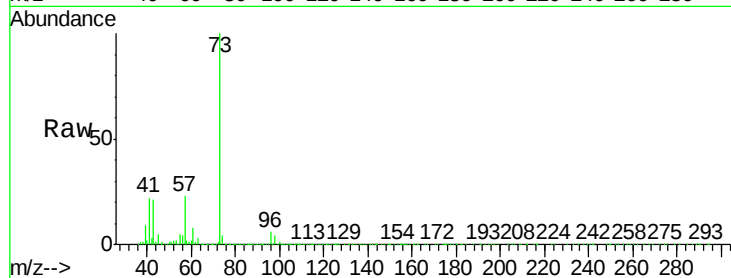
#19
Methvl tert-butvl Ether
Concen: 49.595 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.2	27.4

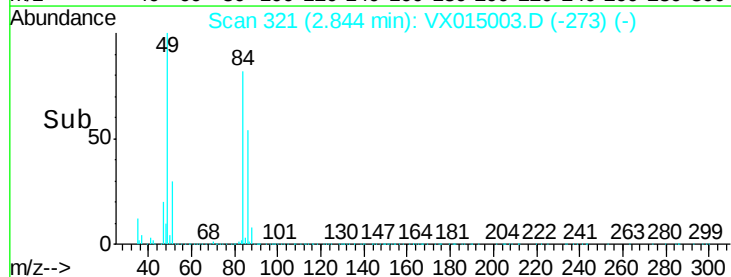
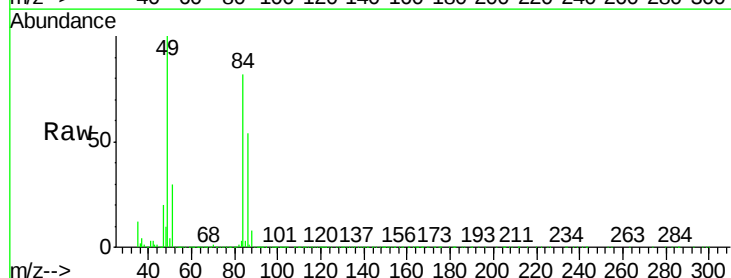
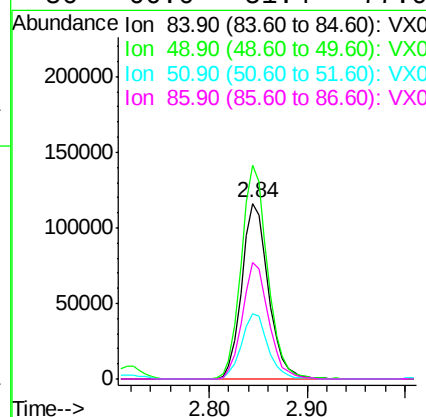
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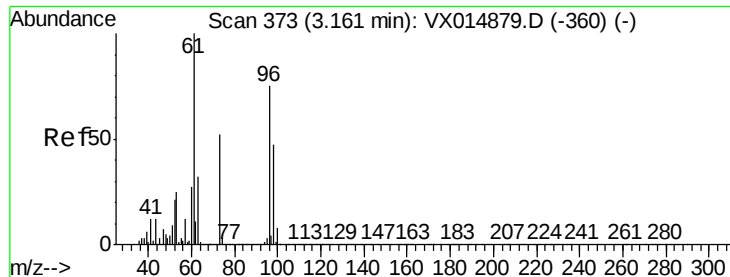
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#20
Methylene Chloride
Concen: 45.063 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	95.6	143.4
51	36.7	29.0	43.6
86	66.0	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 45.234 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

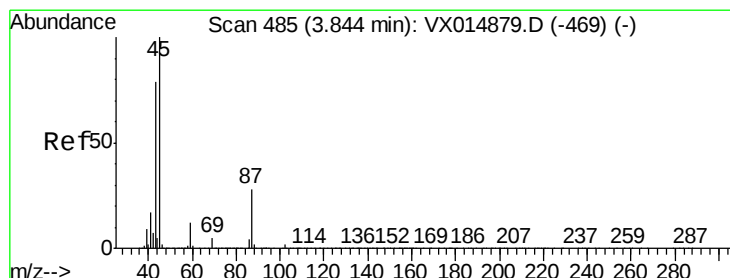
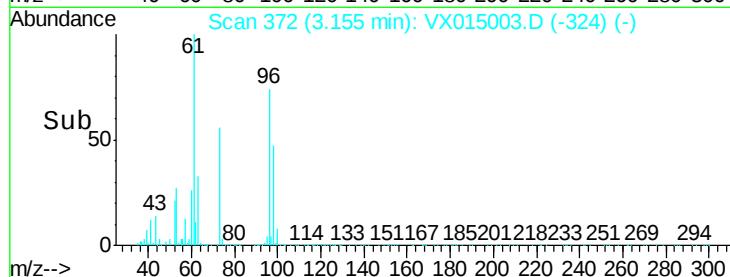
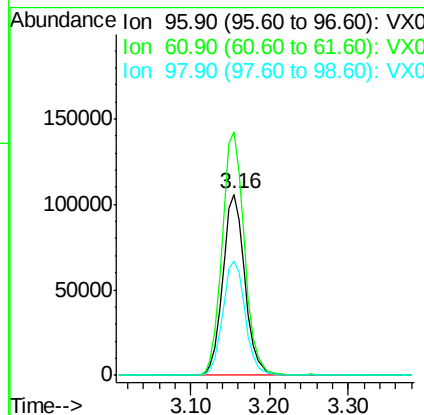
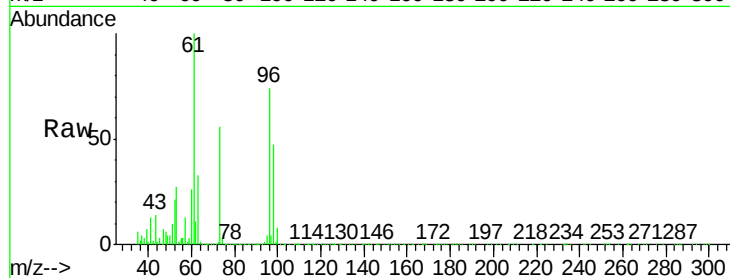
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	204155
Ion Ratio	Lower	Upper	
96	100		
61	134.5	106.9	160.3
98	62.9	50.7	76.1

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#22

Diisopropyl ether

Concen: 50.628 ug/l

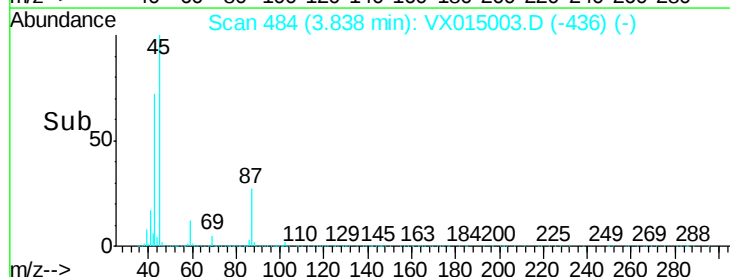
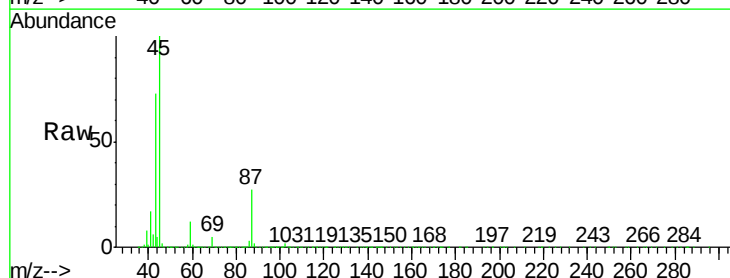
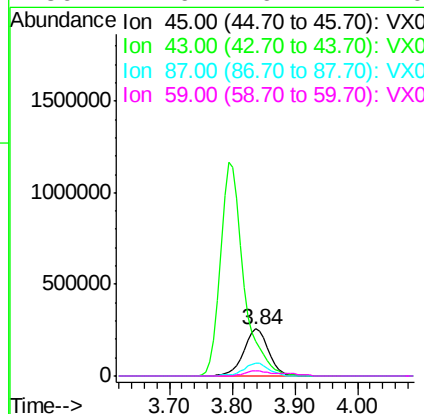
RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	45	Resp:	701228
Ion Ratio	Lower	Upper	
45	100		
43	72.4	63.5	95.3
87	27.4	22.2	33.4
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 261.888 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2990182

Ion Ratio Lower Upper

43 100

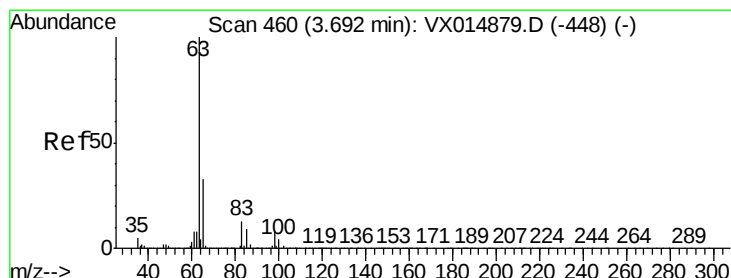
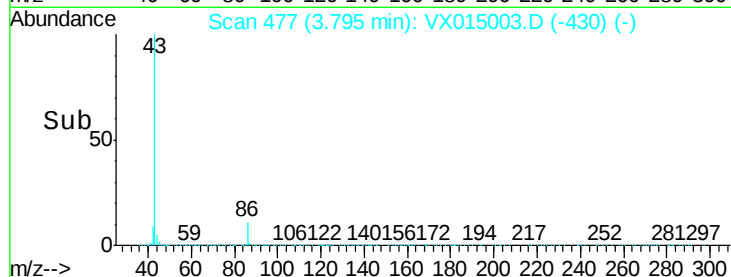
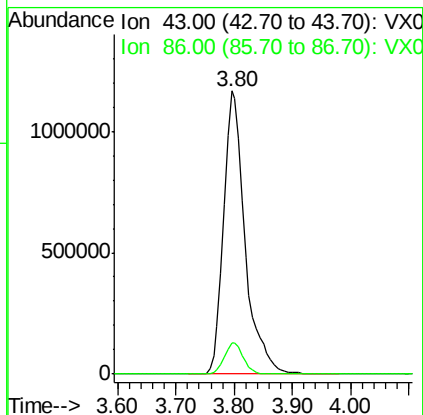
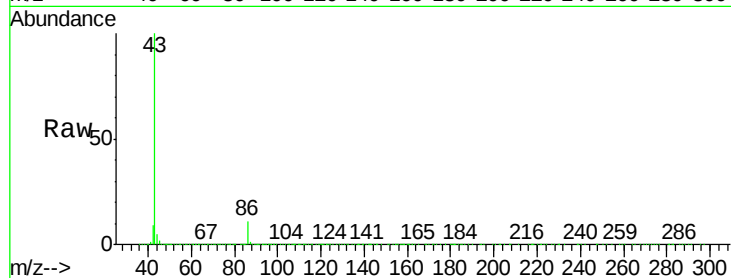
86 10.9 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 48.505 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

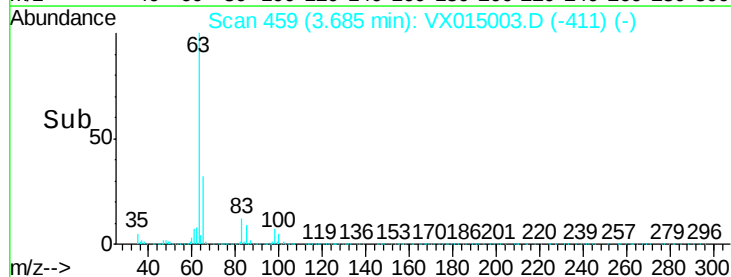
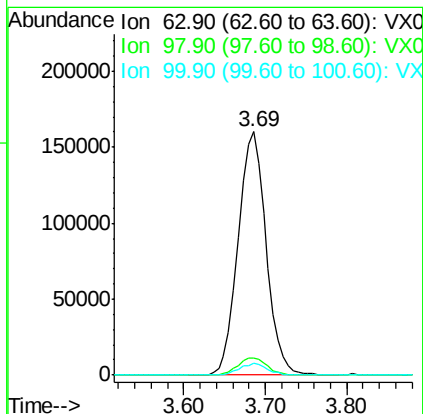
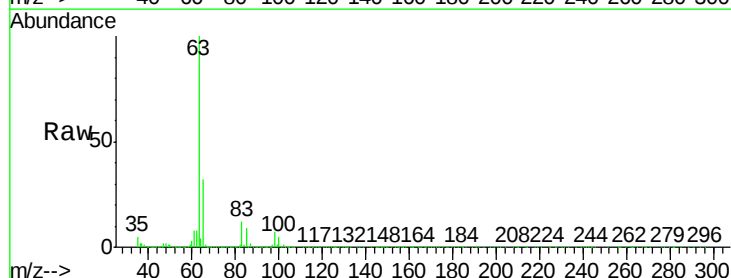
Tgt Ion: 63 Resp: 379167

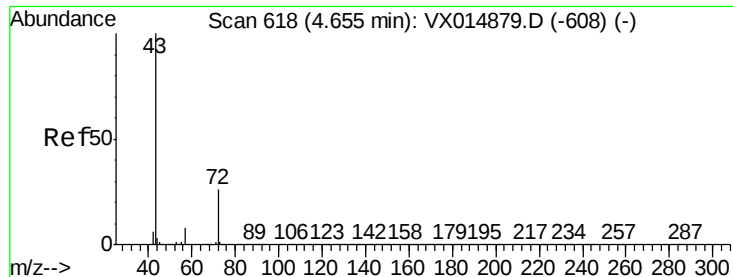
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 236.966 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 812479

Ion Ratio Lower Upper

43 100

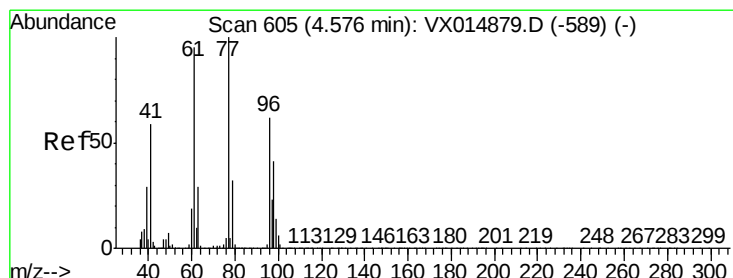
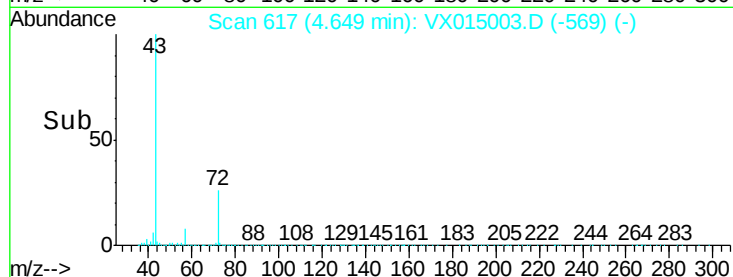
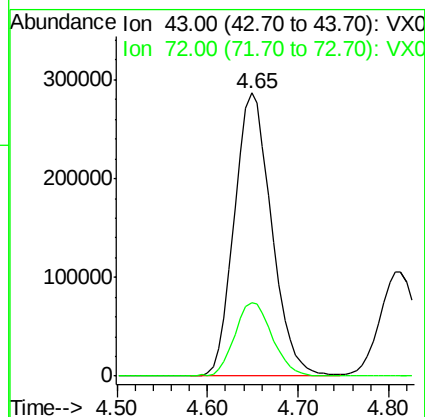
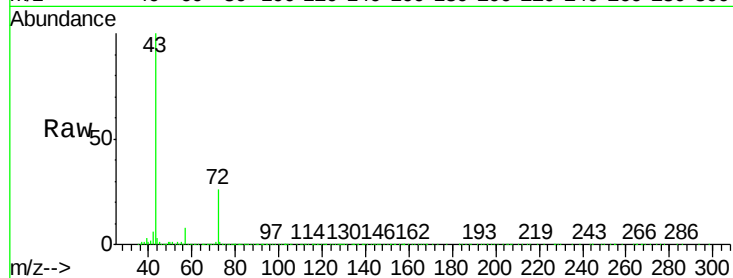
72 25.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.078 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015003.D

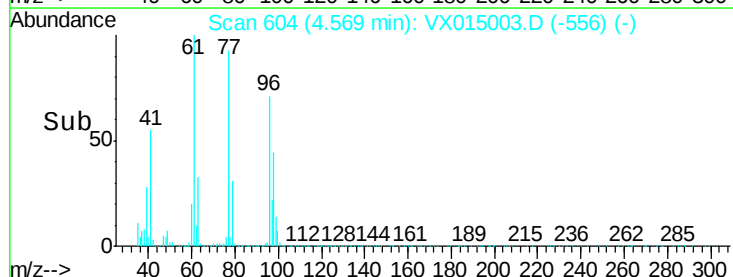
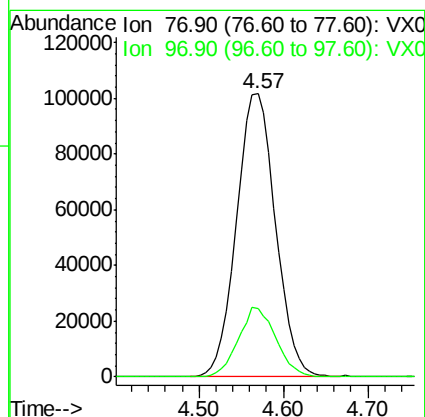
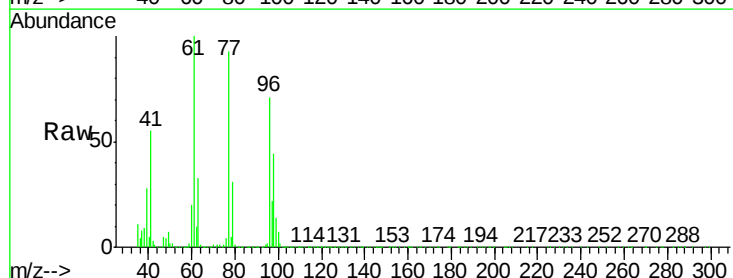
Acq: 24 Feb 2020 16:26

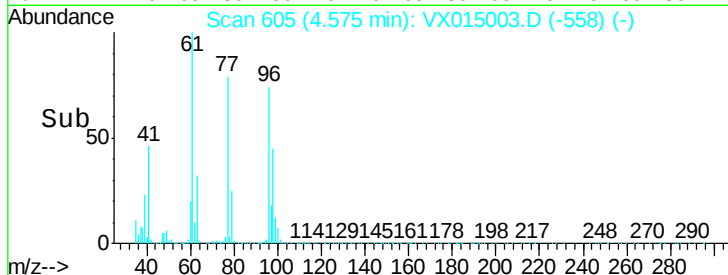
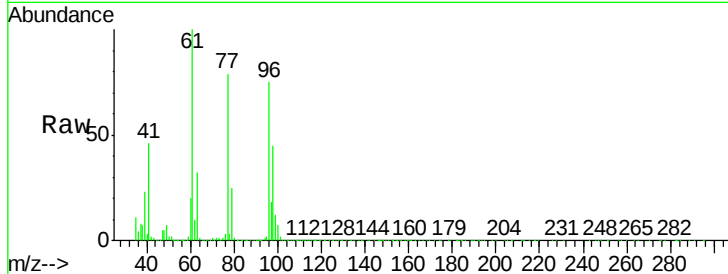
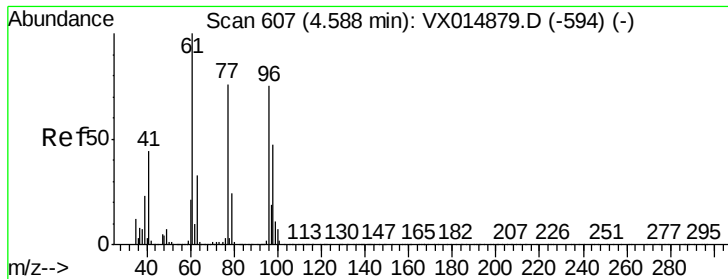
Tgt Ion: 77 Resp: 317147

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





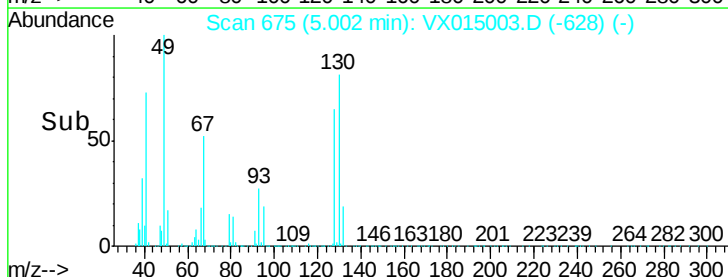
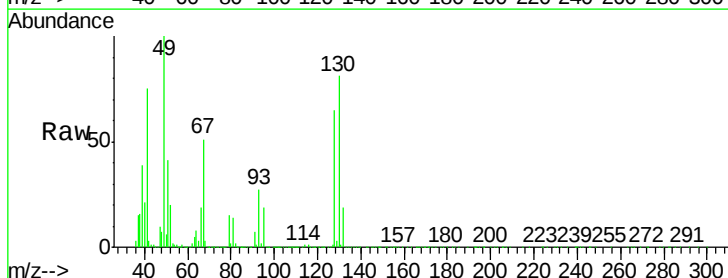
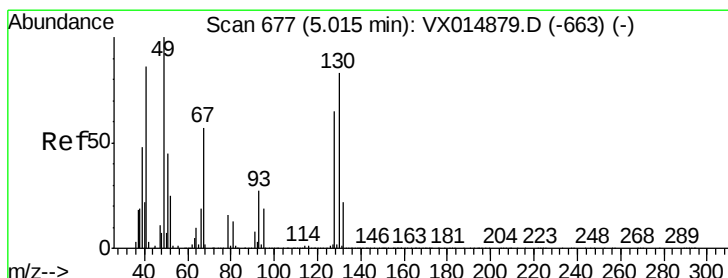
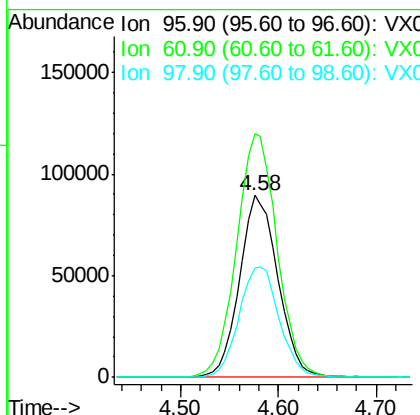
#27
 cis-1,2-Dichloroethene
 Concen: 48.129 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tot Ion	Ratio	Resp	Lower	Upper
96	100	242816		
61	141.4	0.0	286.2	
98	63.5	0.0	131.0	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

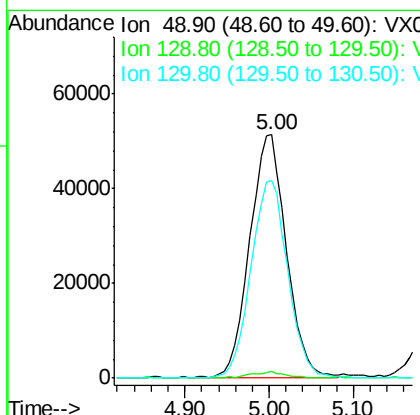
Manual Integrations
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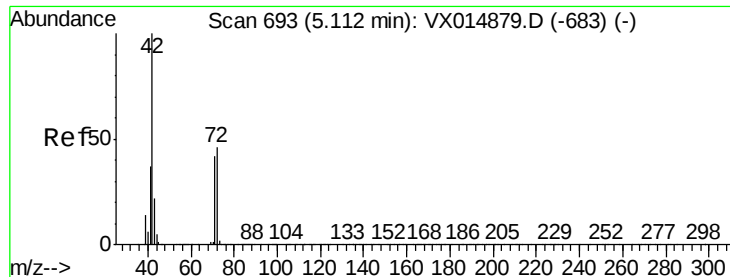
MMDadoda
 2/25/2020 9:36:44 AM



#28
 Bromochloromethane
 Concen: 50.021 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151562		
129	2.5	0.0	5.2	
130	82.6	67.4	101.2	





#29

Tetrahydrofuran

Concen: 258.628 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

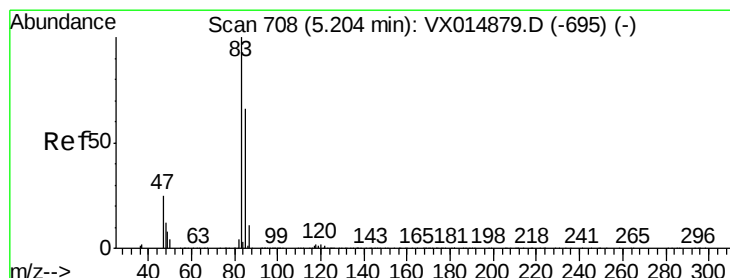
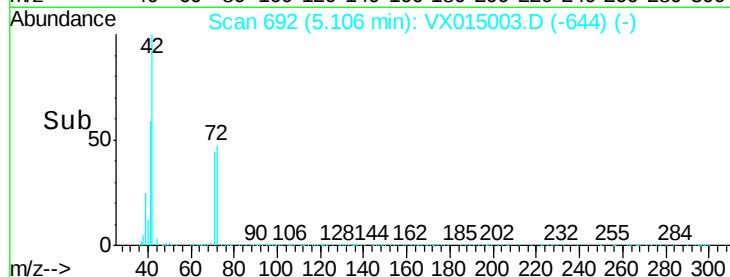
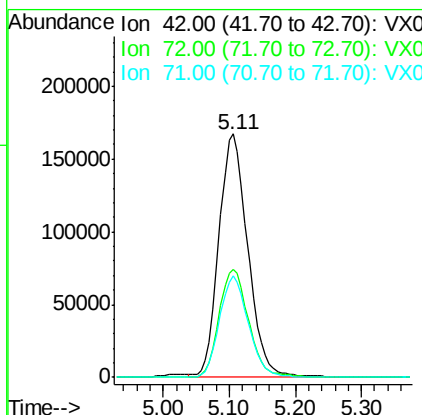
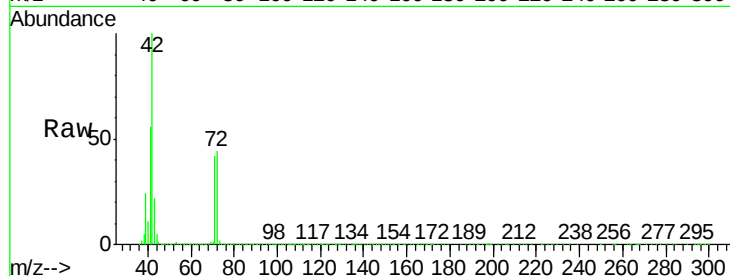
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.9	55.3
71	41.6	34.1	51.1

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#30

Chloroform

Concen: 48.403 ug/l

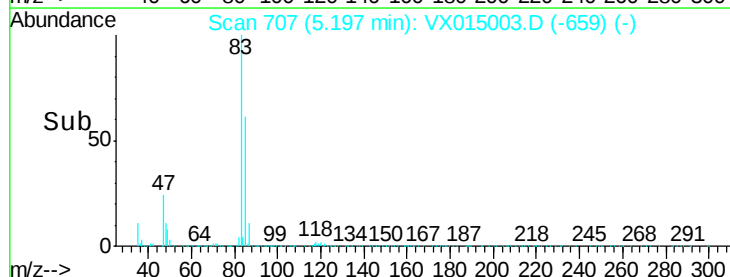
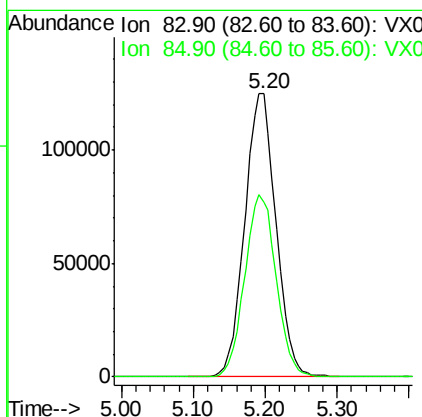
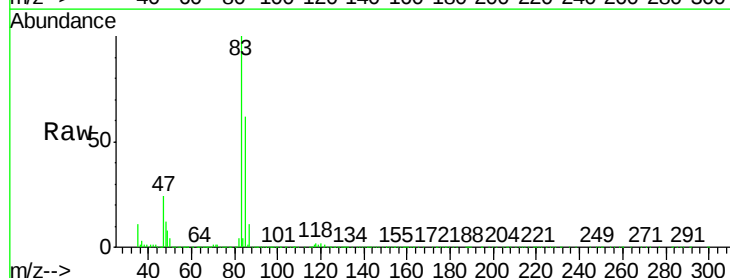
RT: 5.20 min Scan# 707

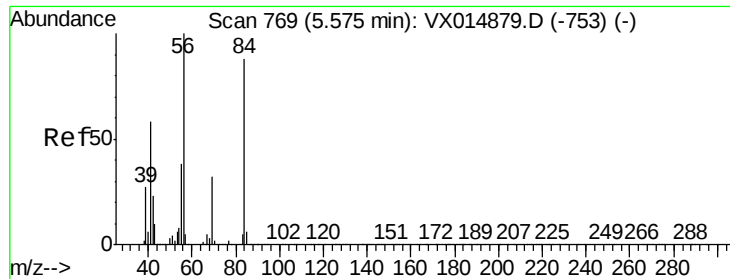
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.9	79.3





#31

Cyclohexane

Concen: 47.047 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

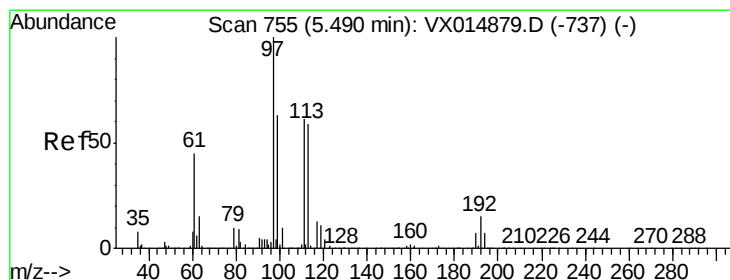
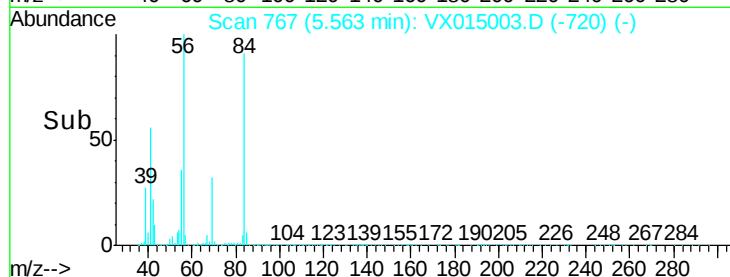
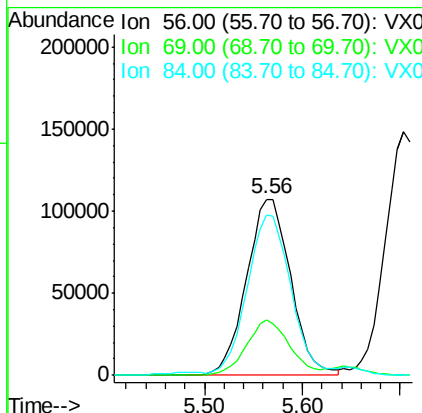
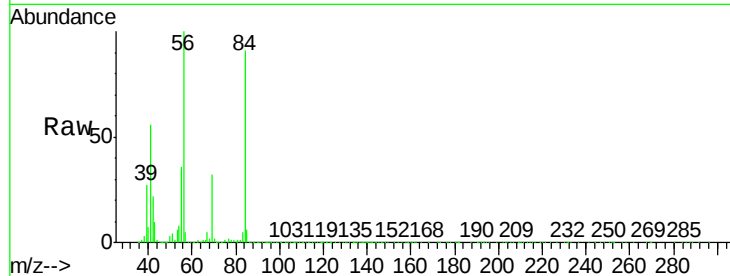
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	334968
Ion Ratio	Lower	Upper	
56	100		
69	31.4	25.9	38.9
84	89.2	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 47.654 ug/l

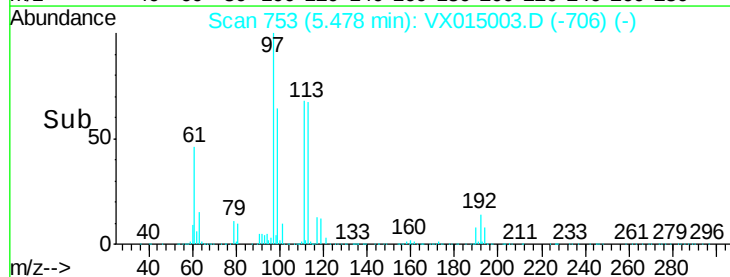
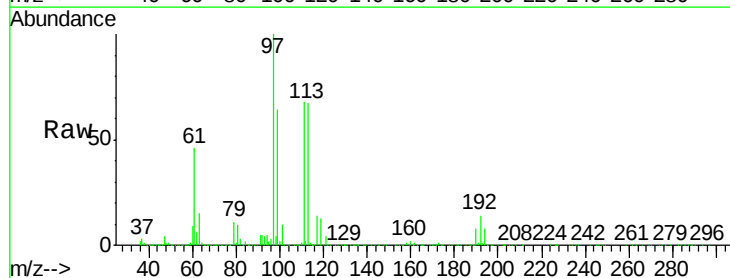
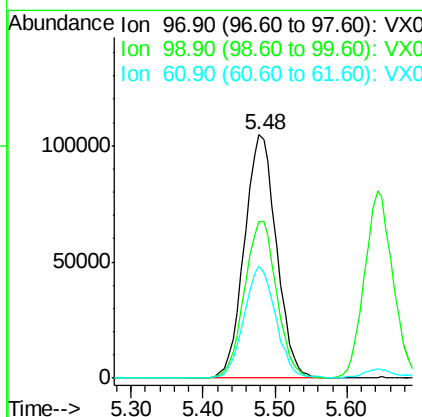
RT: 5.48 min Scan# 753

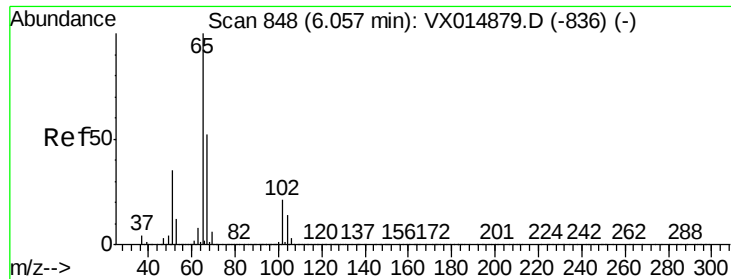
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	97	Resp:	323298
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.0	76.6
61	44.8	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 47.134 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 237381

Ion Ratio Lower Upper

65 100

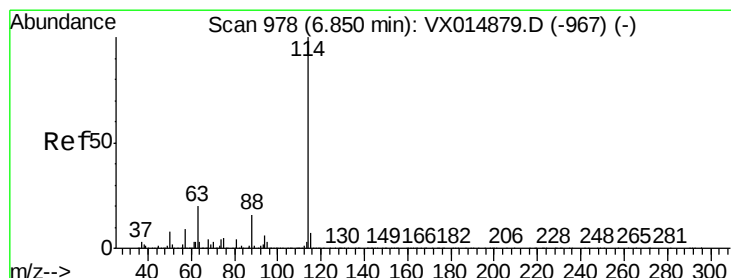
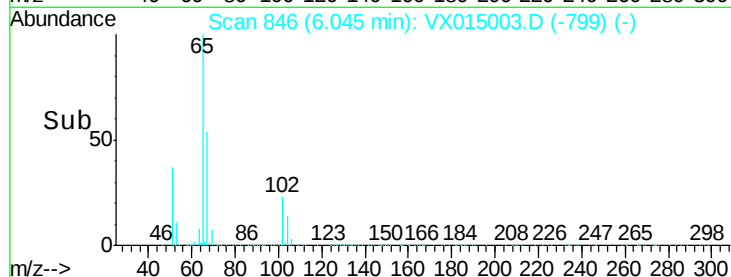
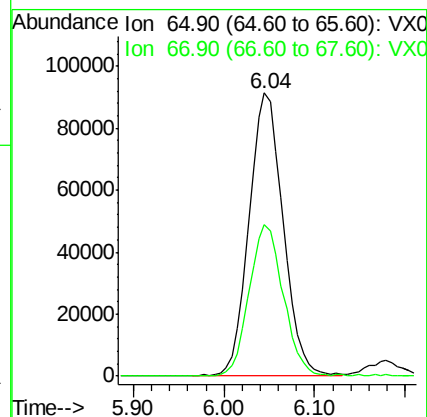
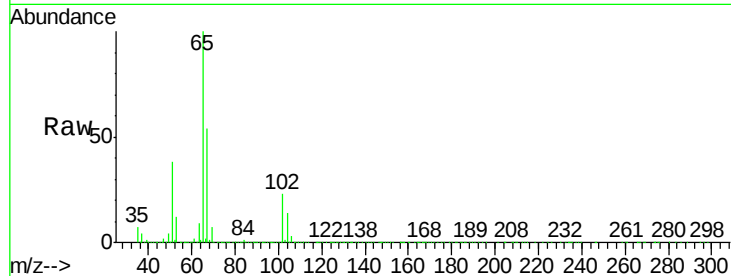
67 53.5 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

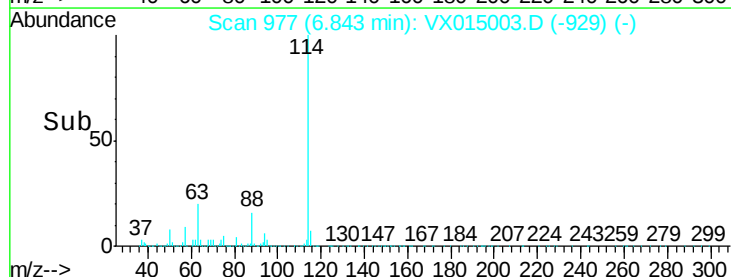
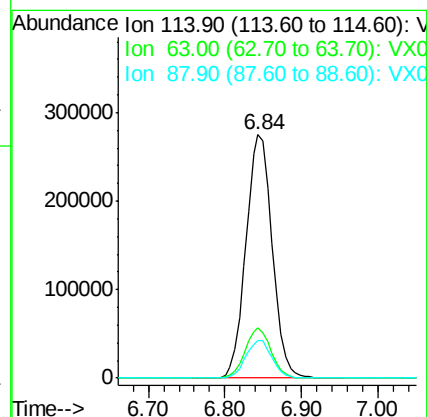
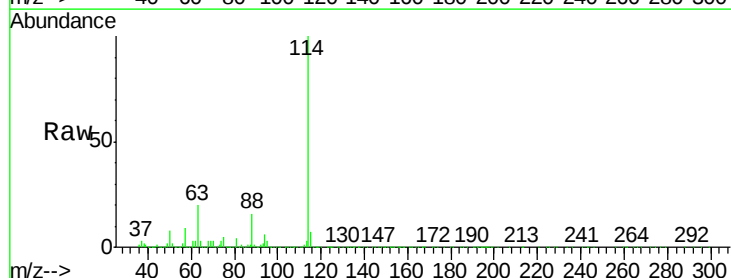
Tgt Ion: 114 Resp: 655982

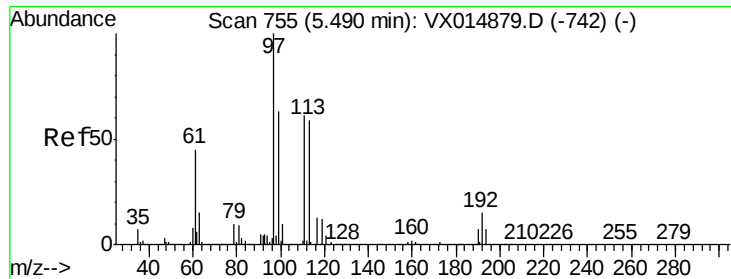
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.5 0.0 32.0





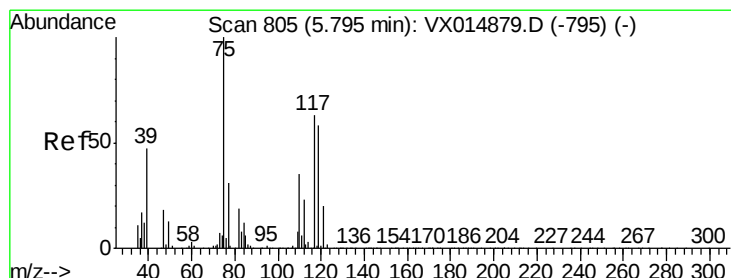
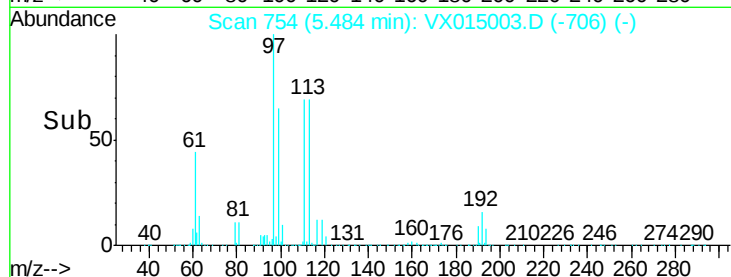
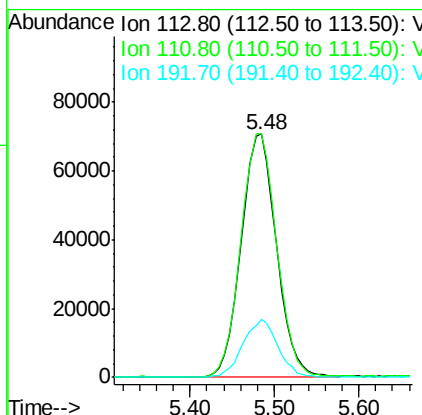
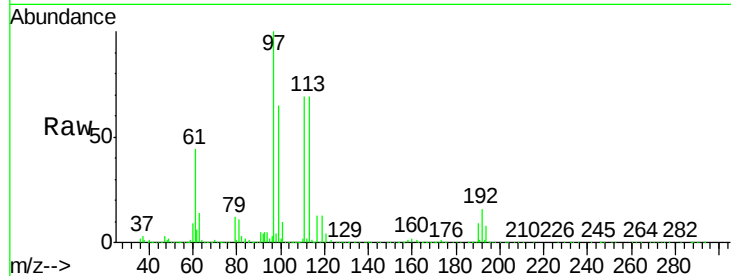
#35
 Dibromofluoromethane
 Concen: 49.616 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200091		
111	101.9	82.4	123.6	
192	23.7	19.1	28.7	

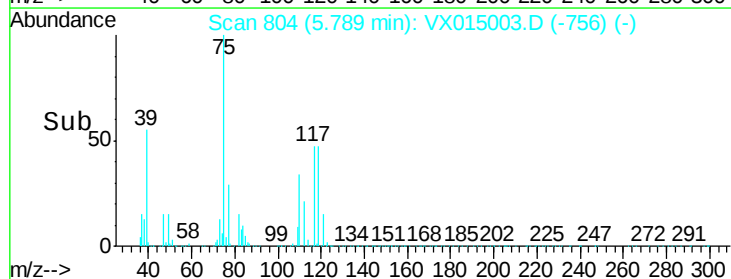
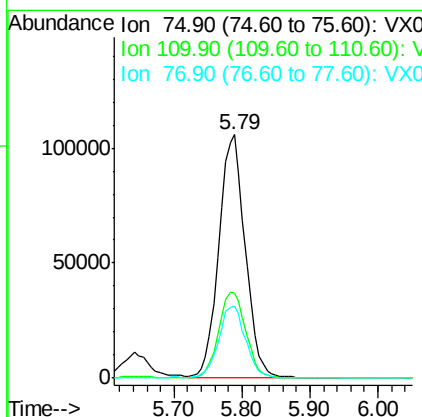
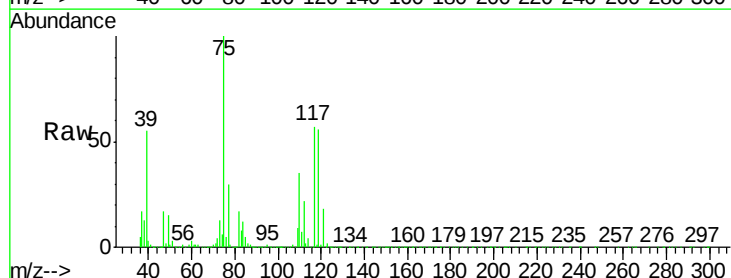
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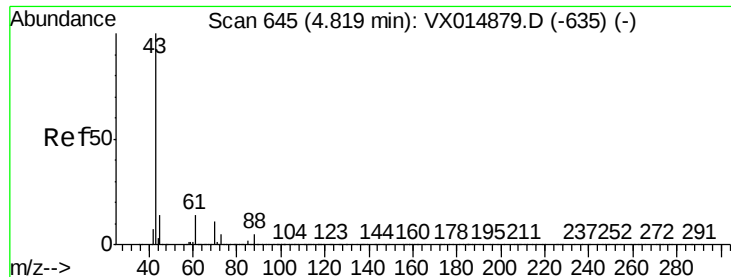
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 48.425 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	284158		
110	36.4	18.3	54.8	
77	29.8	24.6	36.8	





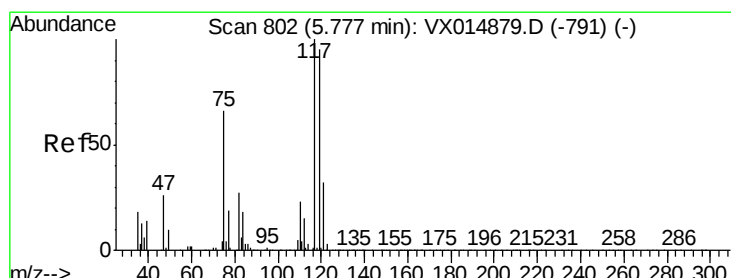
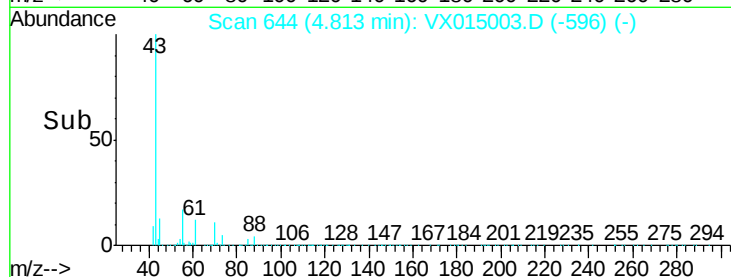
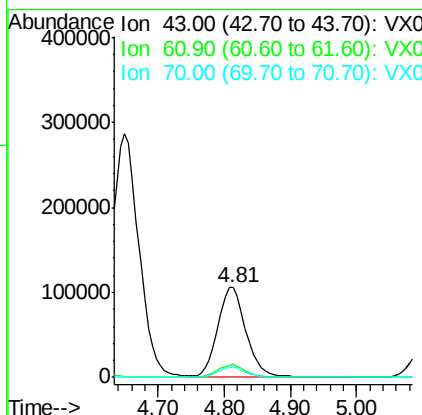
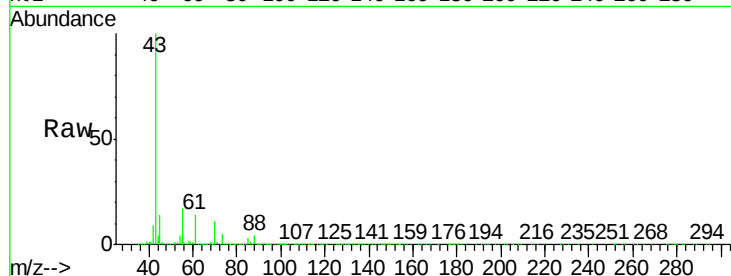
#37
Ethyl Acetate
Concen: 51.142 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	11.0	8.7	13.1

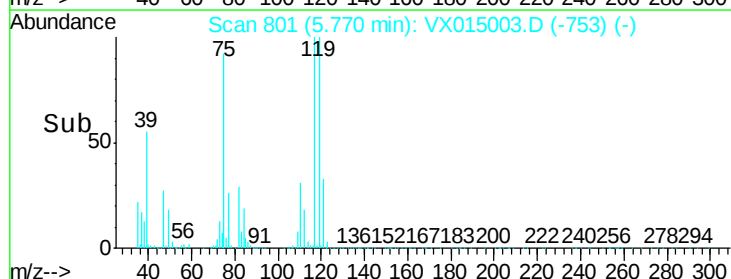
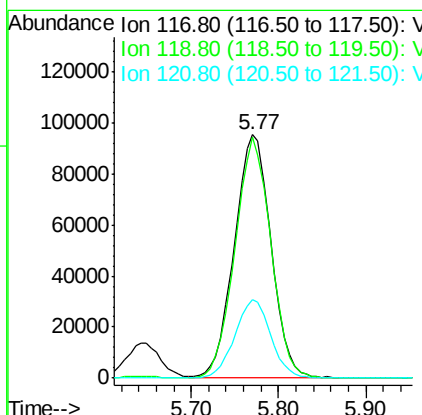
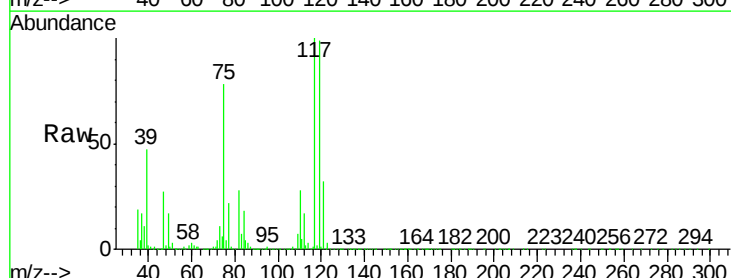
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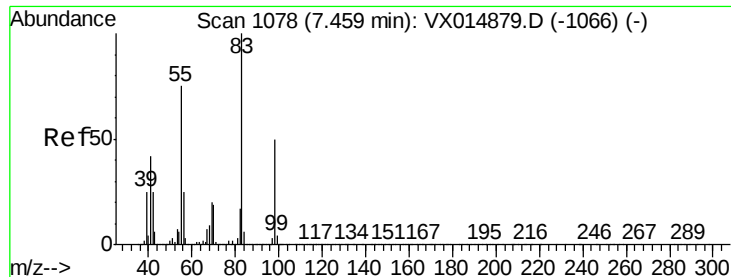
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#38
Carbon Tetrachloride
Concen: 48.406 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.0	114.0
121	32.5	25.4	38.2





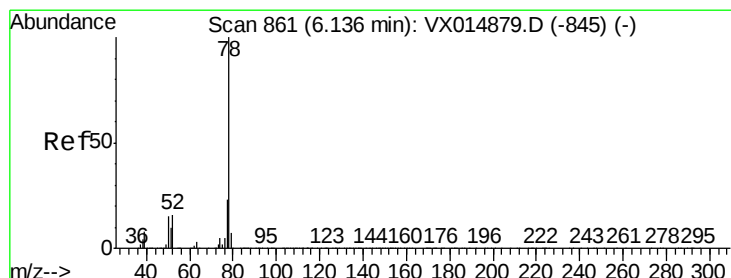
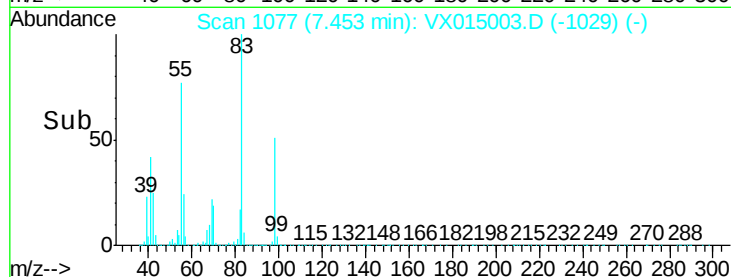
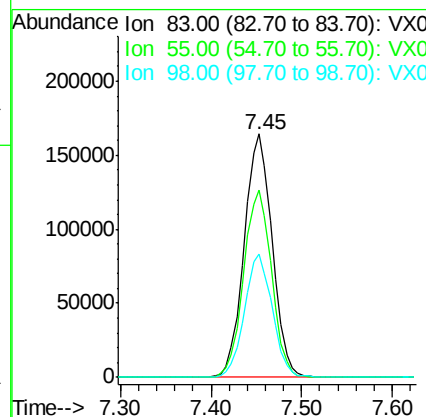
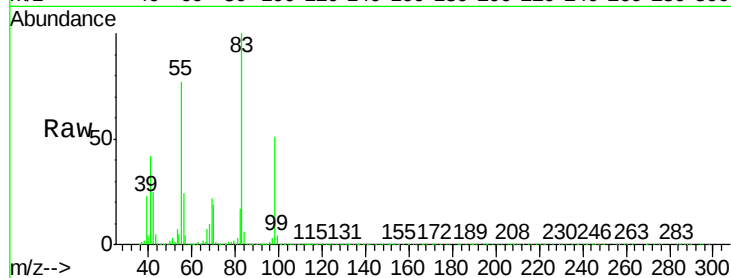
#39
Methylvlcyclohexane
Concen: 47.887 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.0	90.0
98	50.7	39.6	59.4

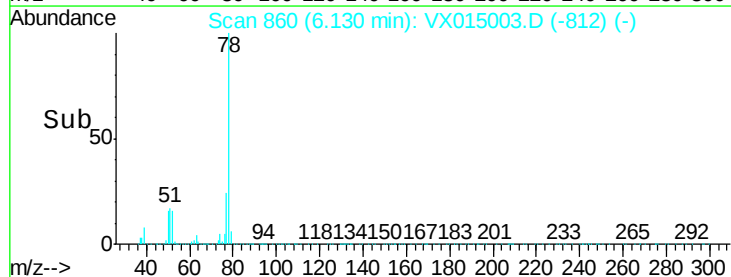
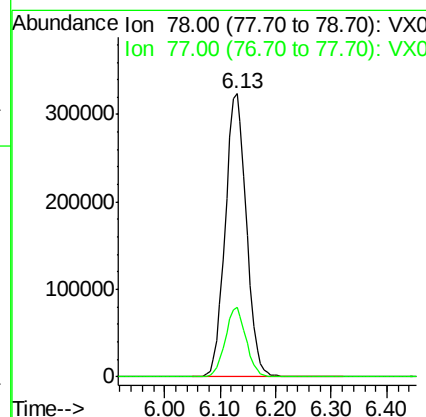
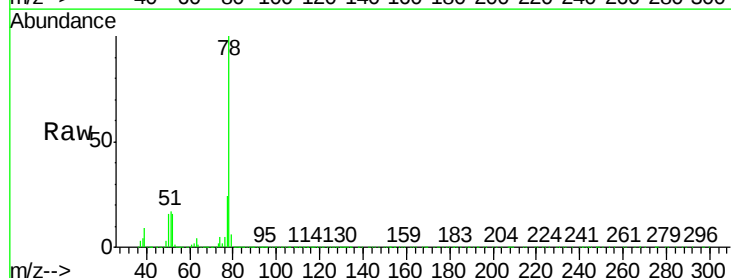
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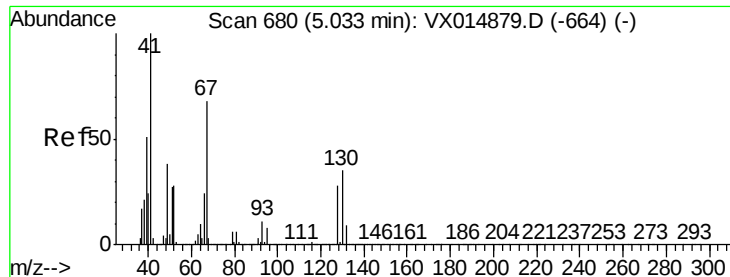
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#40
Benzene
Concen: 48.563 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





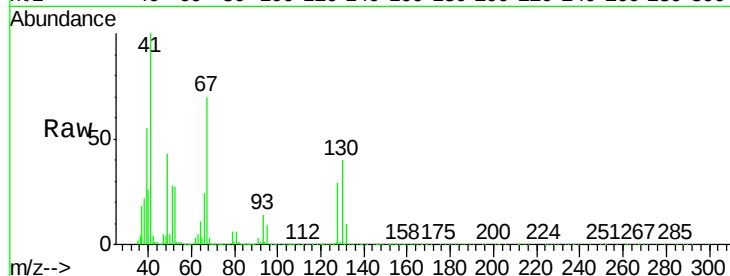
#41
Methacrylonitrile
Concen: 54.129 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

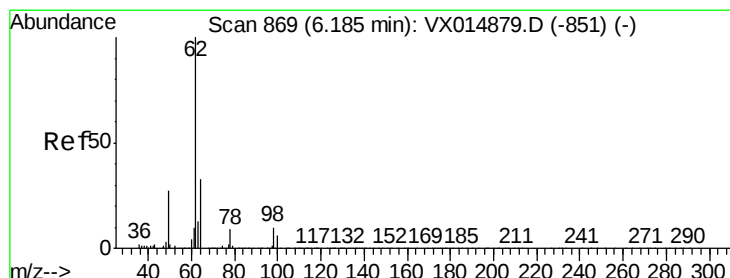
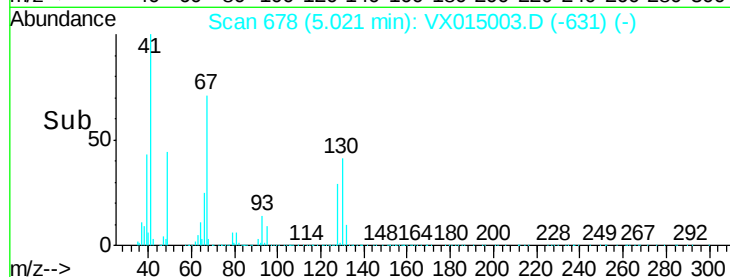
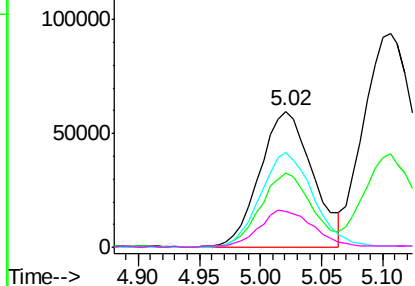
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.7	67.1
67	70.8	56.6	84.8
52	27.7	22.3	33.5

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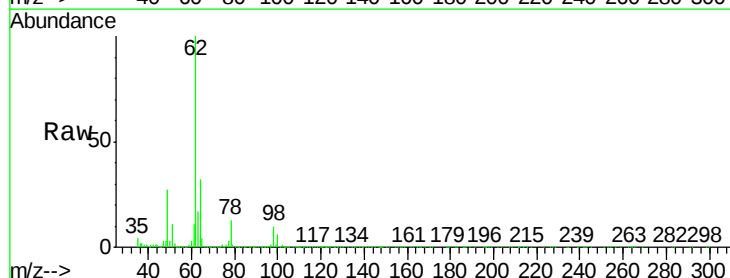


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

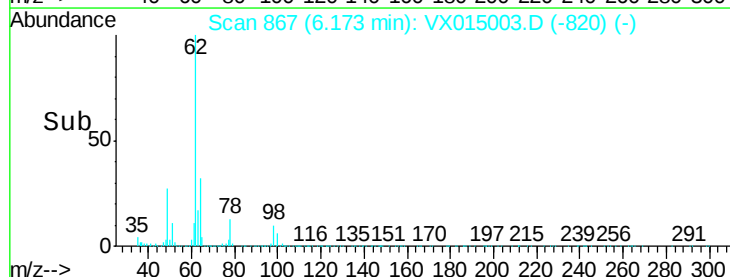
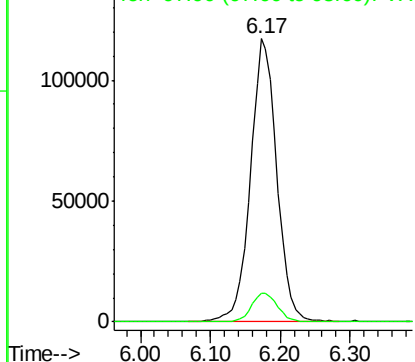


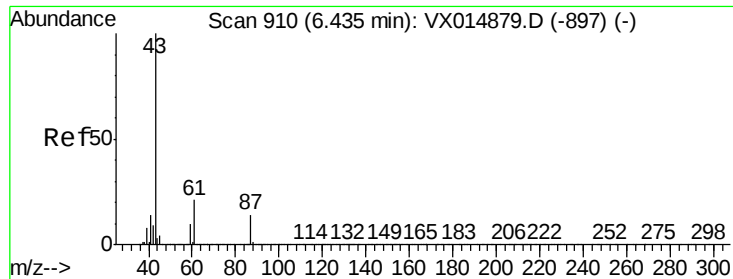
#42
1,2-Dichloroethane
Concen: 47.949 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.556 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

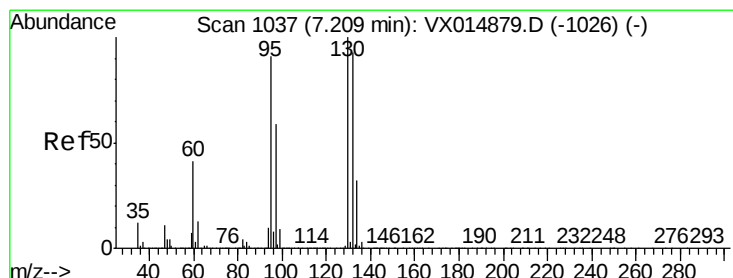
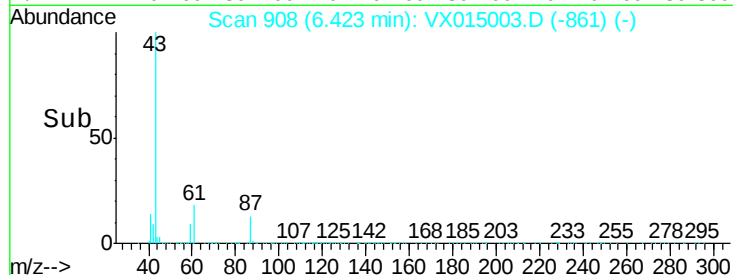
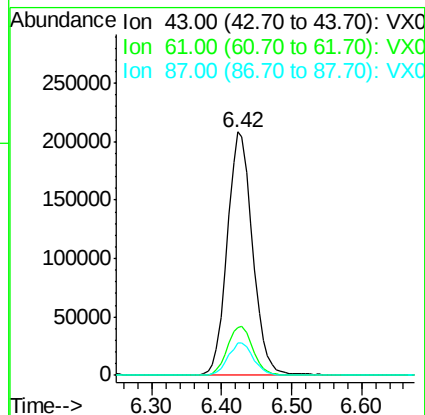
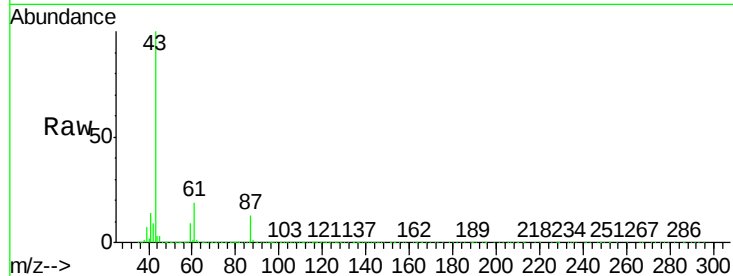
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	520508
Ion Ratio		Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.3	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 46.591 ug/l

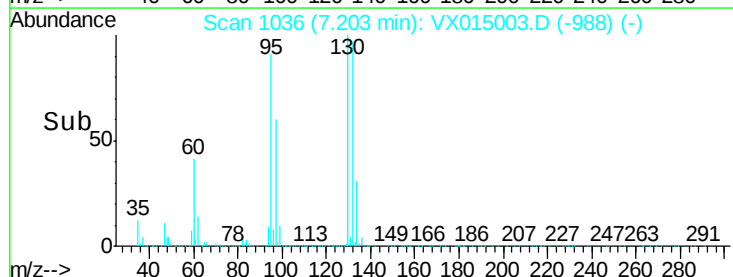
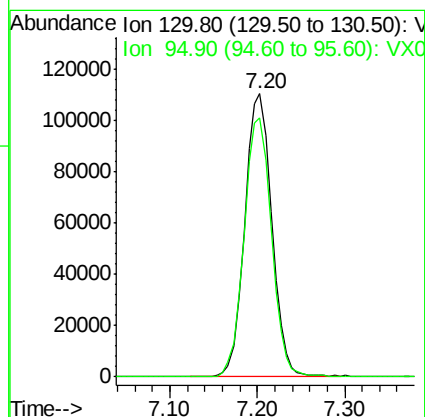
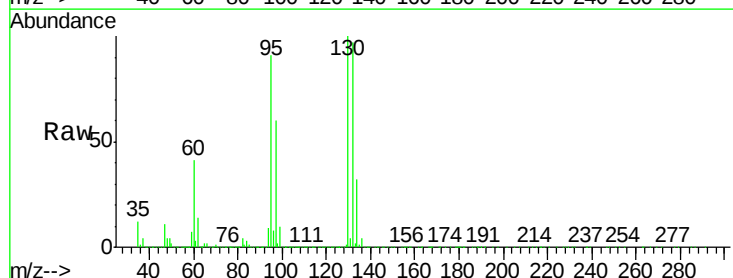
RT: 7.20 min Scan# 1036

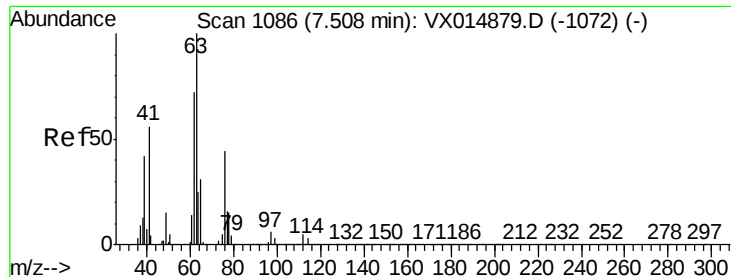
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	130	Resp:	237130
Ion Ratio		Lower	Upper
130	100		
95	91.1	0.0	182.6





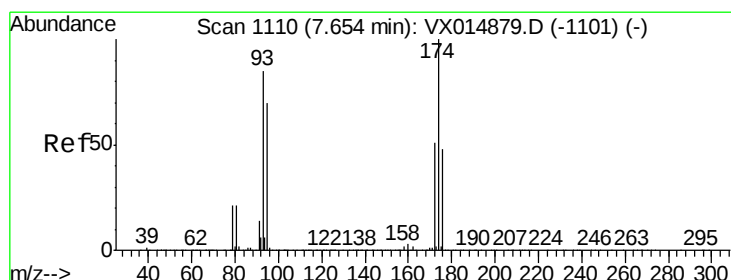
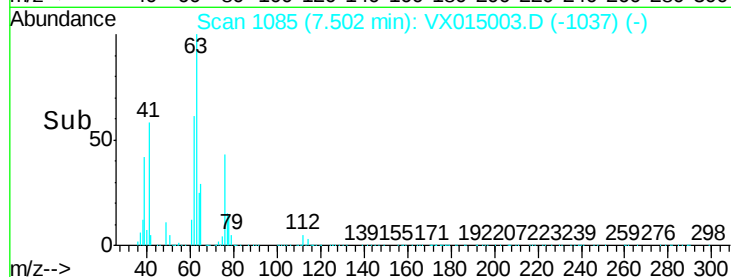
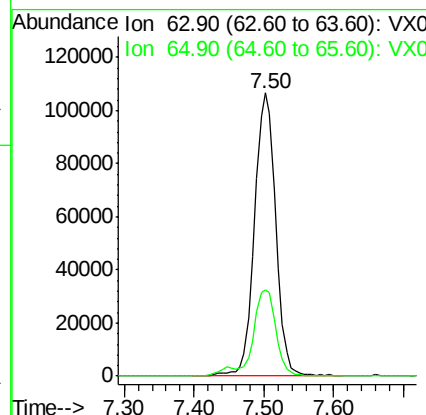
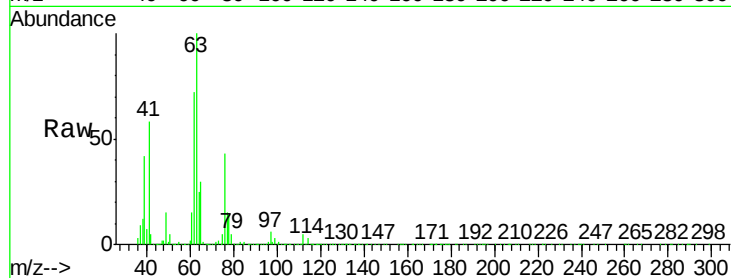
#45
 1,2-Dichloropropane
 Concen: 49.745 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.9	37.3

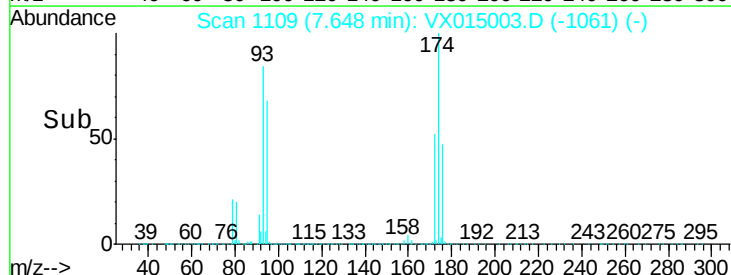
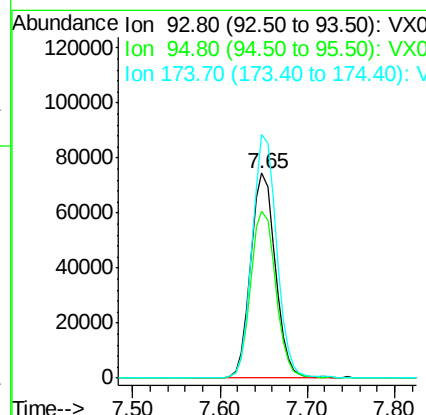
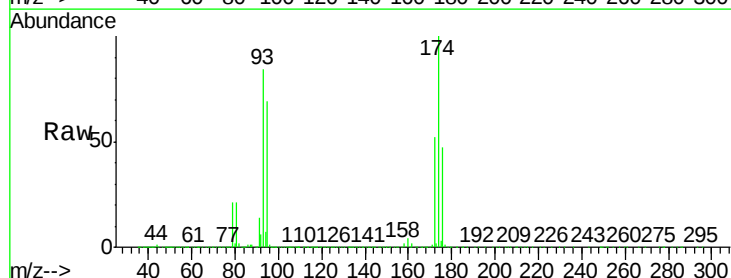
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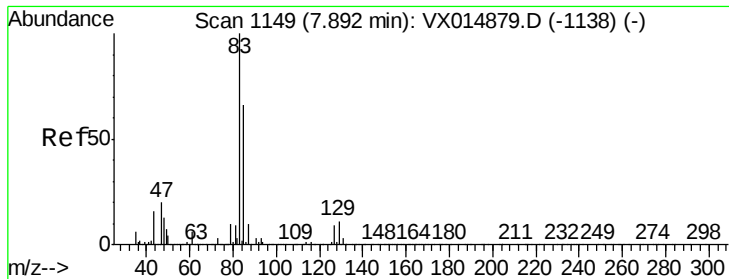
MMDadoda
 2/25/2020 9:36:44 AM



#46
 Dibromomethane
 Concen: 47.856 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	116.9	95.4	143.2





#47

Bromodichloromethane

Concen: 49.655 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

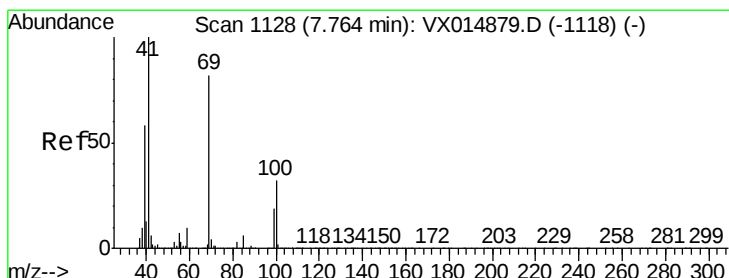
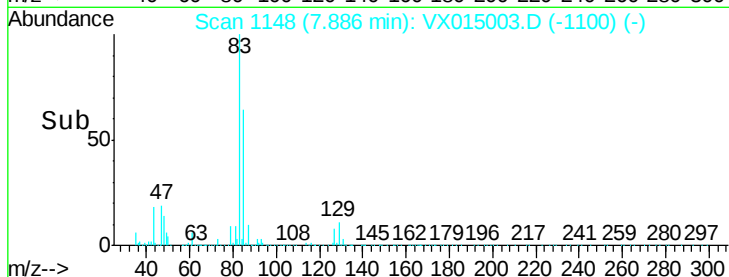
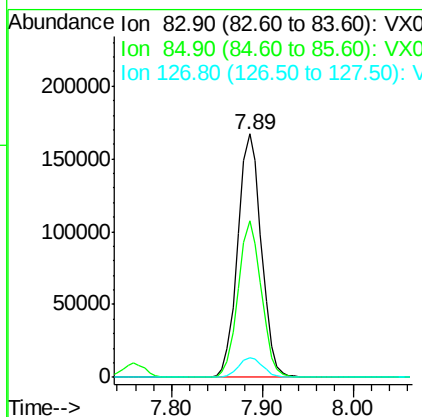
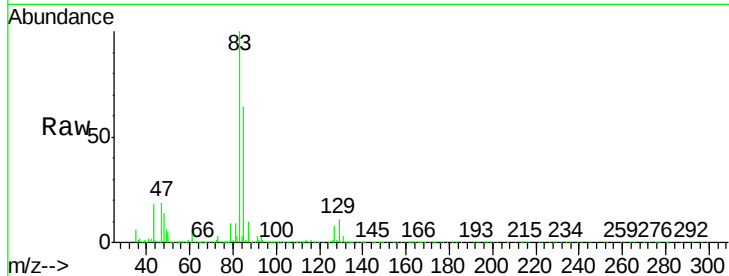
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	300919
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.5	78.7
127	8.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.702 ug/l

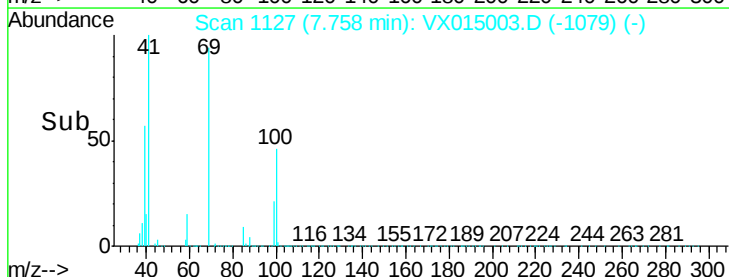
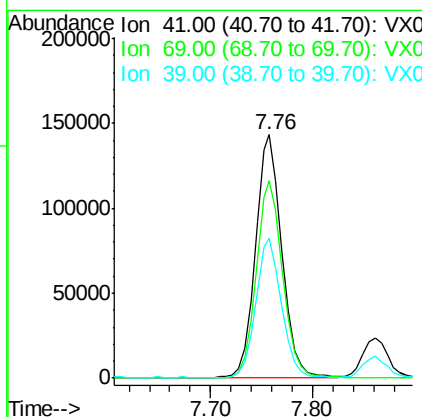
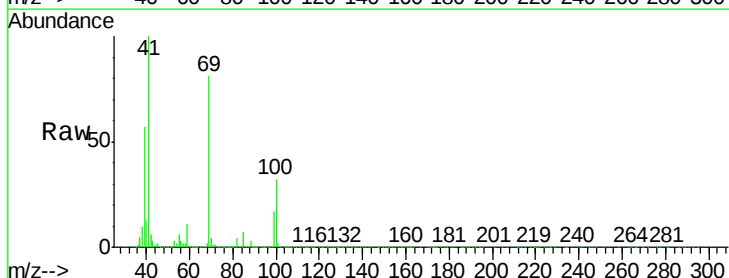
RT: 7.76 min Scan# 1127

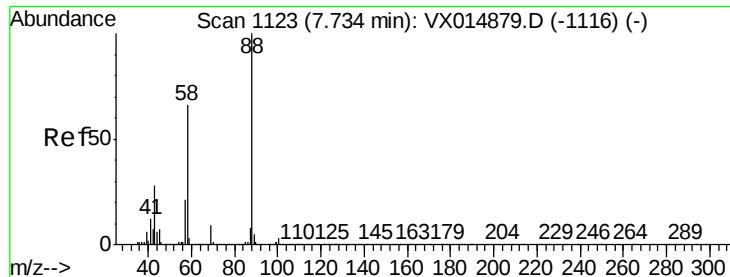
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	41	Resp:	256886
Ion	Ratio	Lower	Upper
41	100		
69	82.0	65.7	98.5
39	56.0	45.8	68.8





#49

1,4-Dioxane

Concen: 1002.258 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

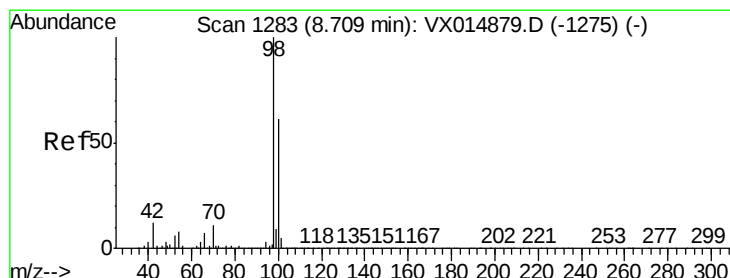
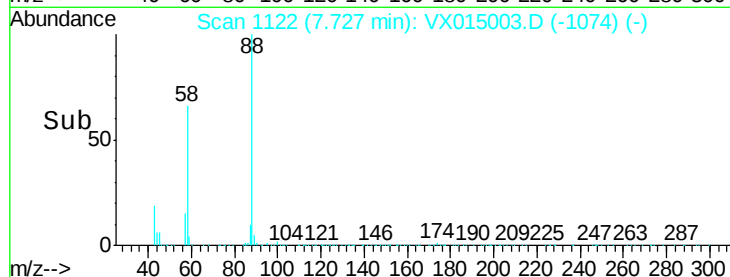
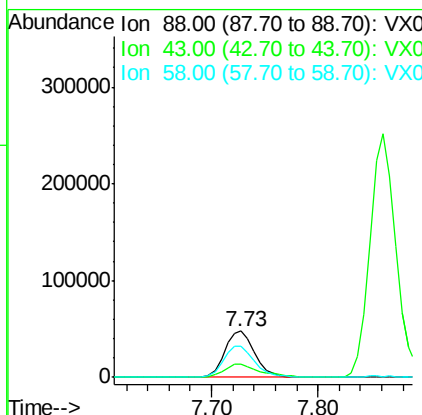
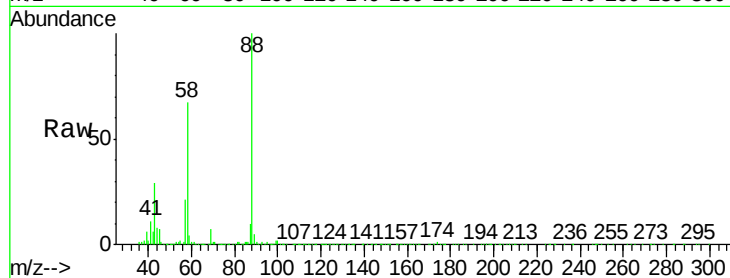
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	93107
Ion Ratio	Lower	Upper	
88	100		
43	35.5	27.0	40.4
58	70.3	53.2	79.8

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#50

Toluene-d8

Concen: 49.407 ug/l

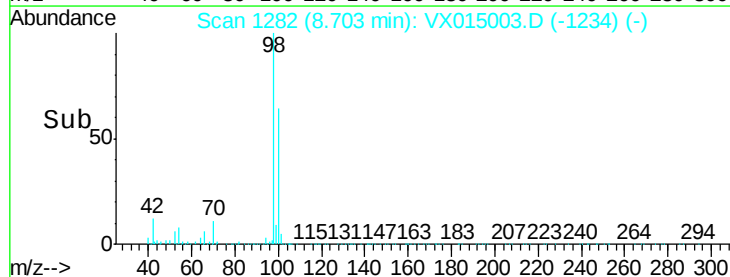
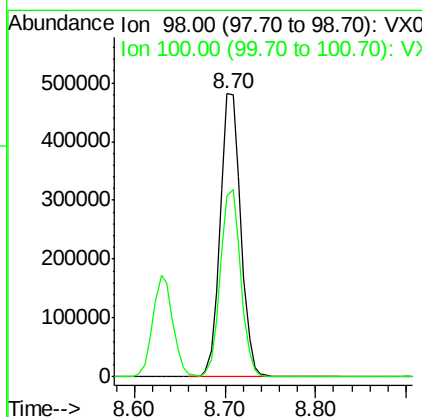
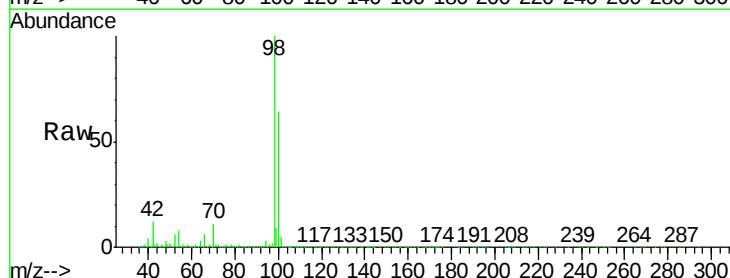
RT: 8.70 min Scan# 1282

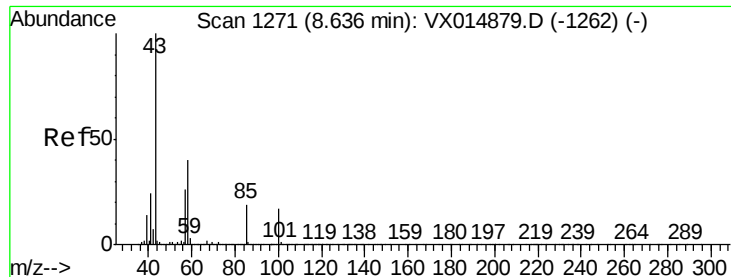
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	98	Resp:	760553
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 258.985 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1578827

Ion Ratio Lower Upper

43 100

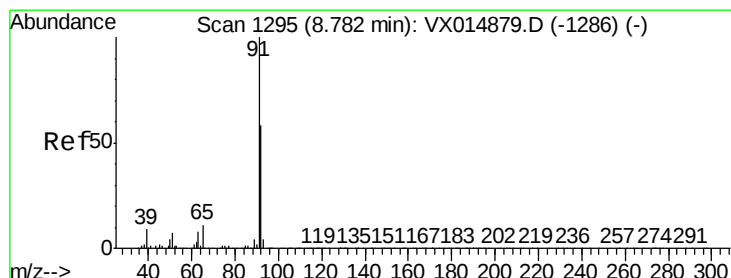
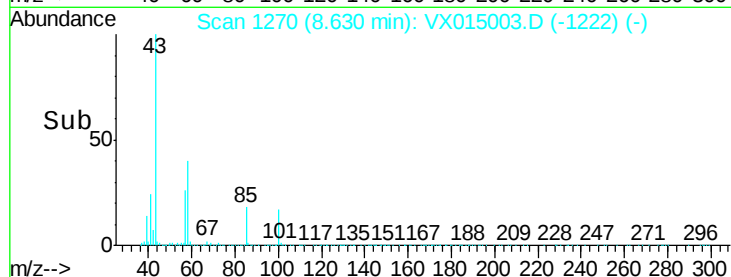
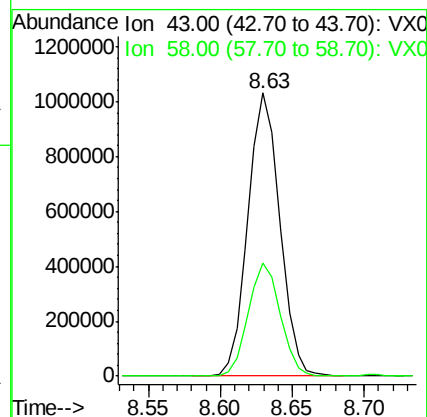
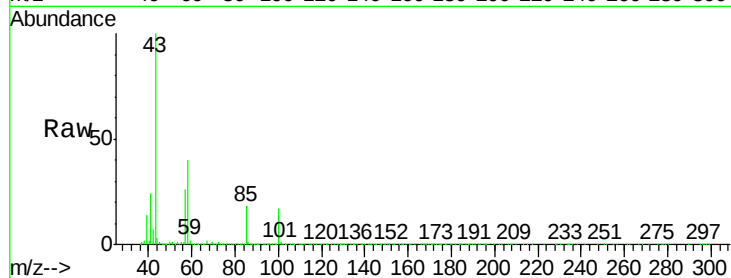
58 40.1 31.9 47.9

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#52

Toluene

Concen: 48.273 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015003.D

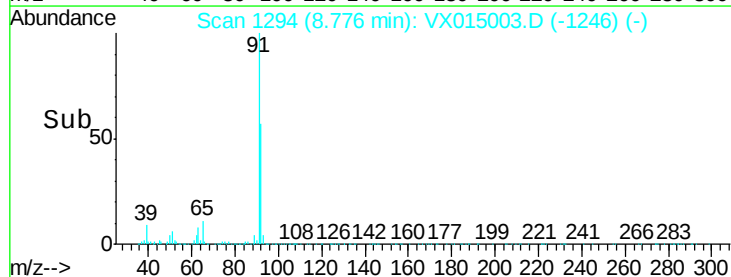
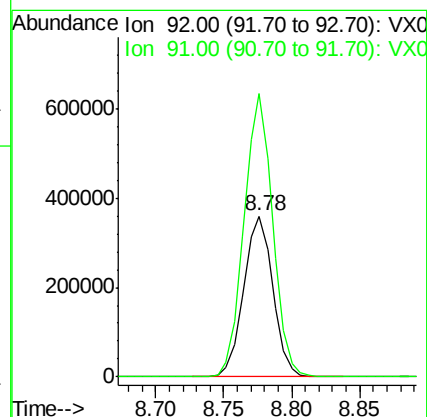
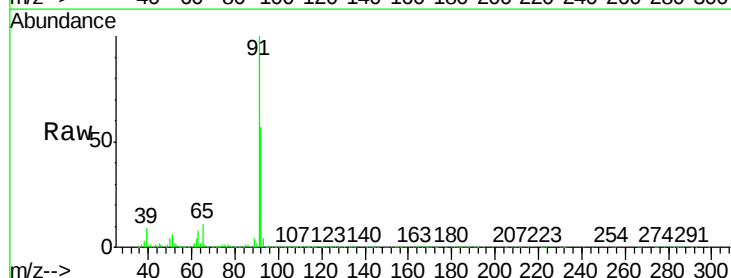
Acq: 24 Feb 2020 16:26

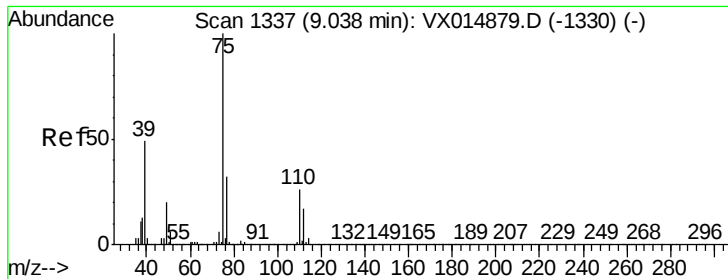
Tgt Ion: 92 Resp: 537546

Ion Ratio Lower Upper

92 100

91 173.1 137.0 205.4





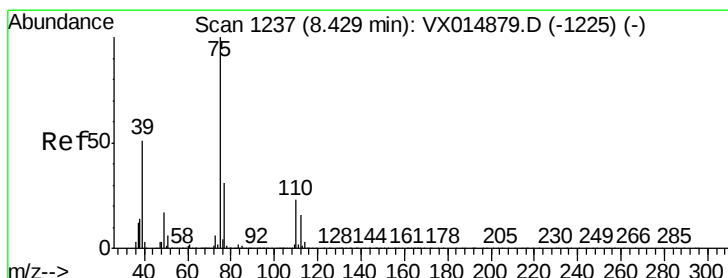
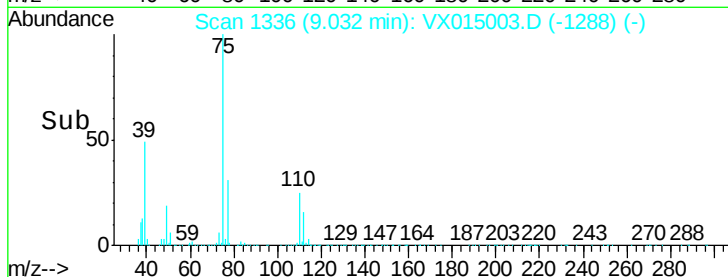
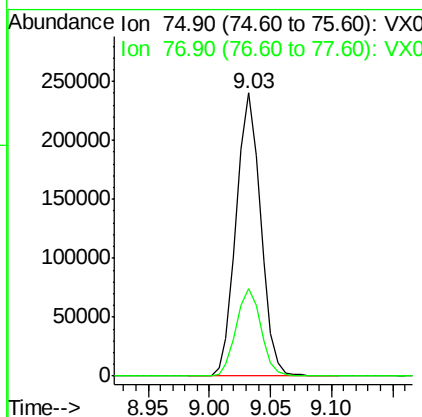
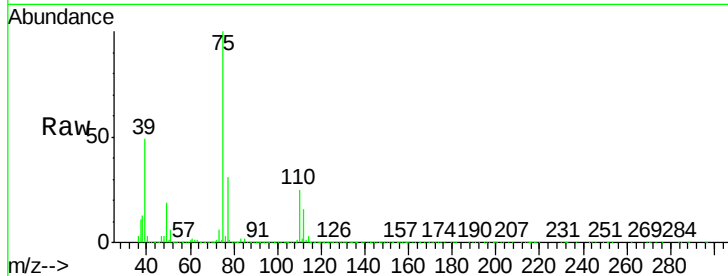
#53
t-1,3-Dichloropropene
Concen: 50.119 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3

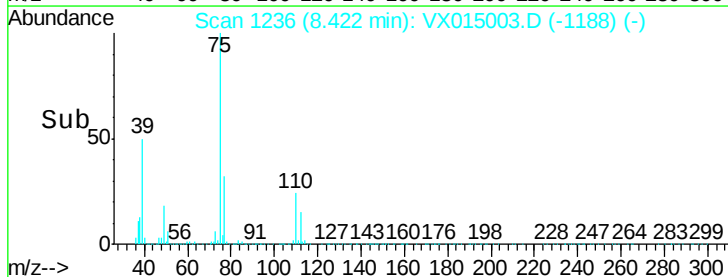
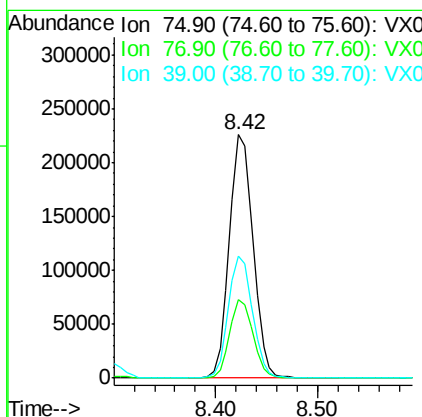
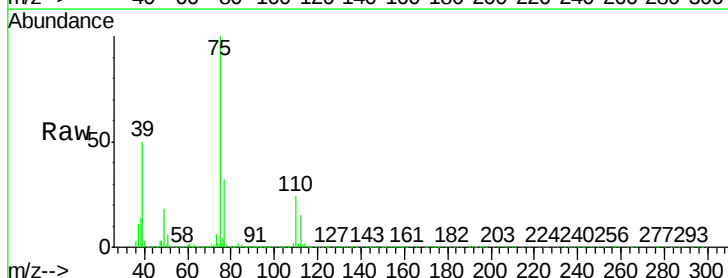
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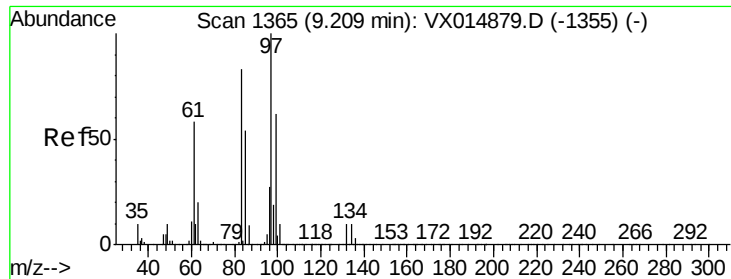
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#54
cis-1,3-Dichloropropene
Concen: 49.569 ug/l
RT: 8.42 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	37.0
39	50.2	40.9	61.3





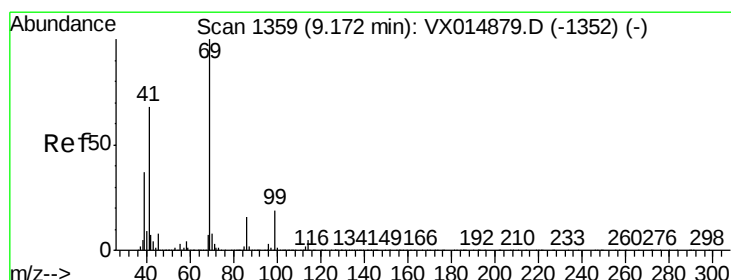
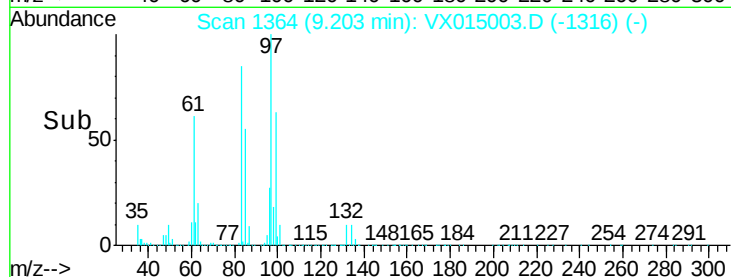
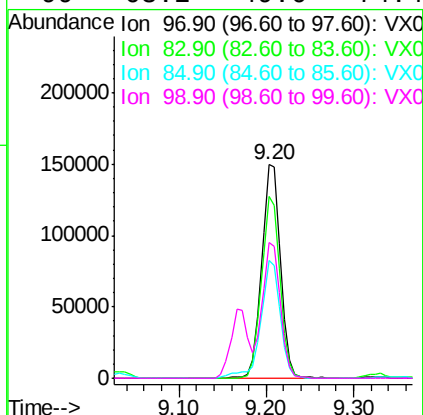
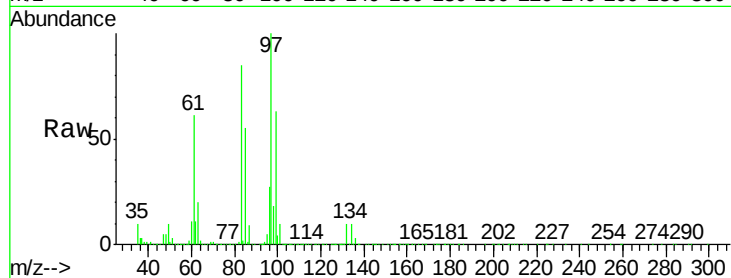
#55
 1,1,2-Trichloroethane
 Concen: 50.027 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		225386		
83	85.2	66.6	99.8		
85	55.2	43.5	65.3		
99	63.2	49.6	74.4		

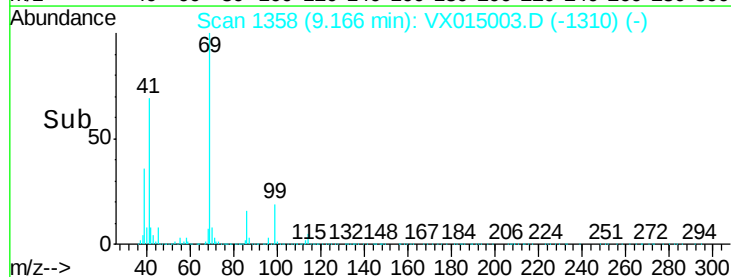
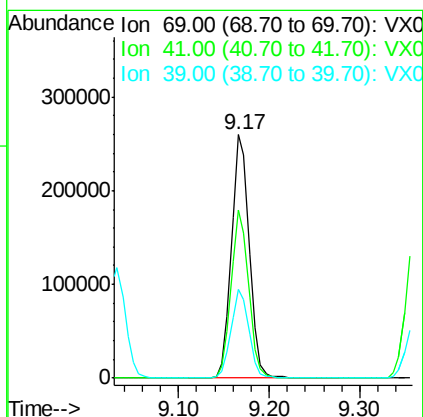
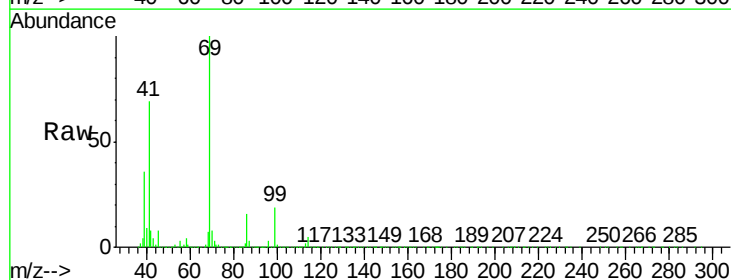
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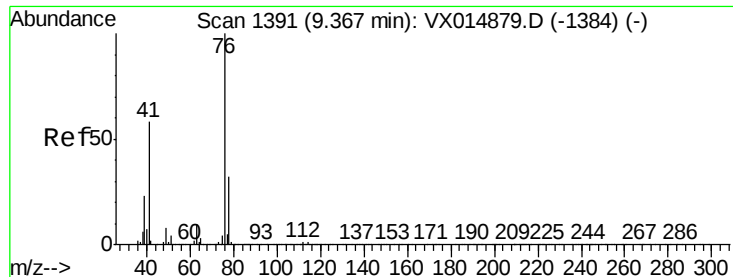
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 2/25/2020 9:36:44 AM



#56
 Ethyl methacrylate
 Concen: 52.188 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		353405		
41	67.7	54.8	82.2		
39	36.5	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 49.260 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 373581

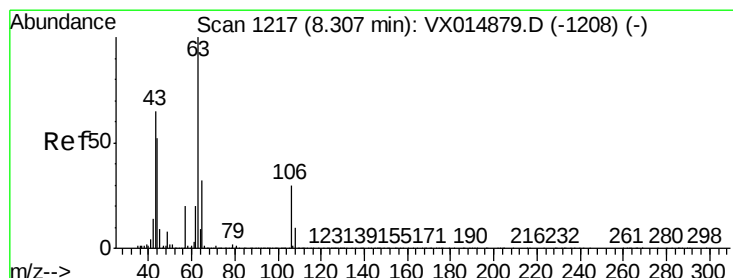
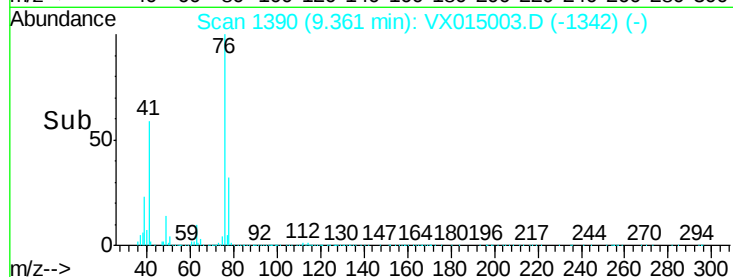
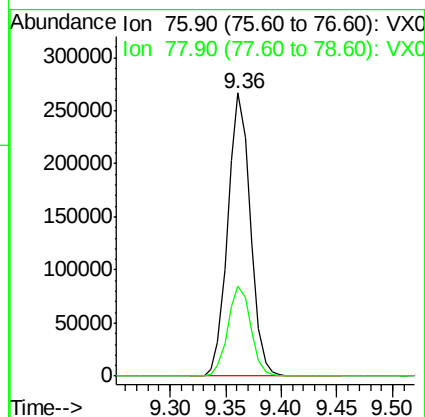
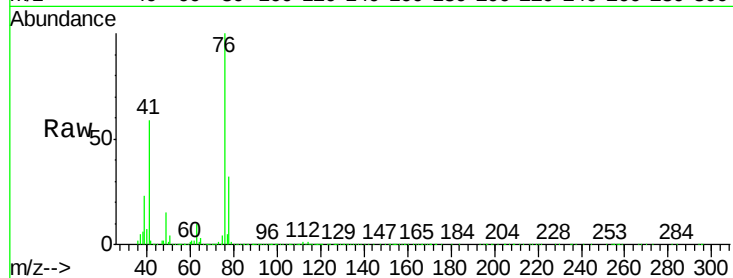
Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8

Manual Integrations
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2/25/2020 9:36:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 253.740 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015003.D

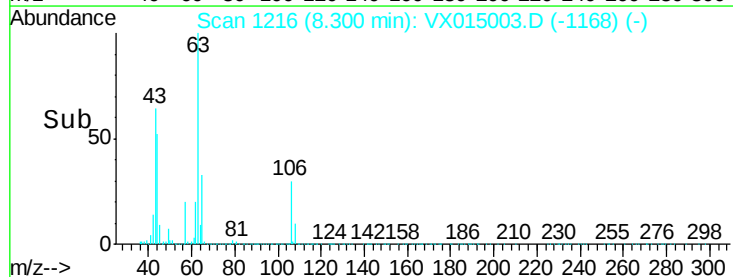
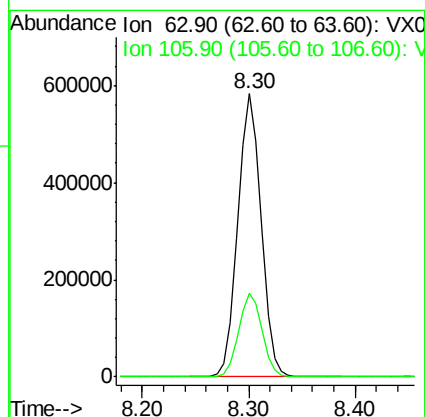
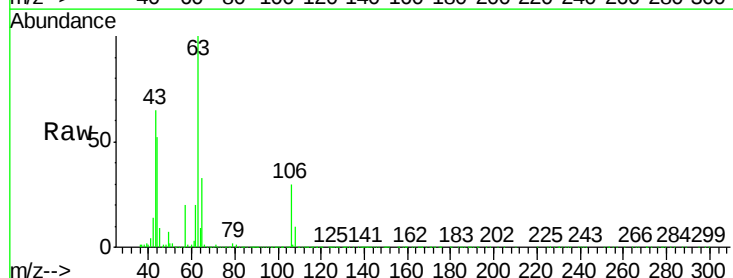
Acq: 24 Feb 2020 16:26

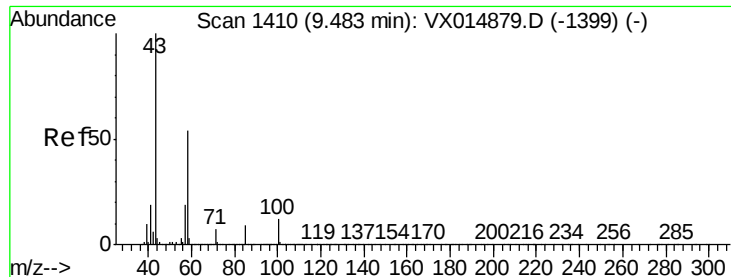
Tgt Ion: 63 Resp: 898619

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.8





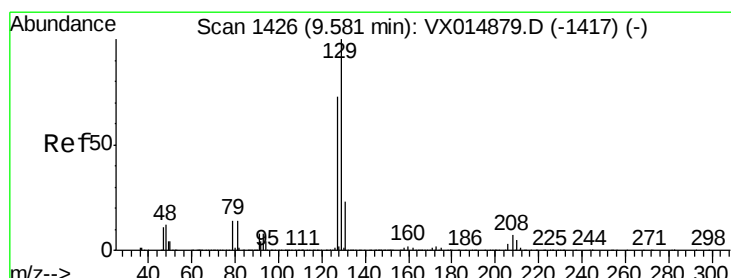
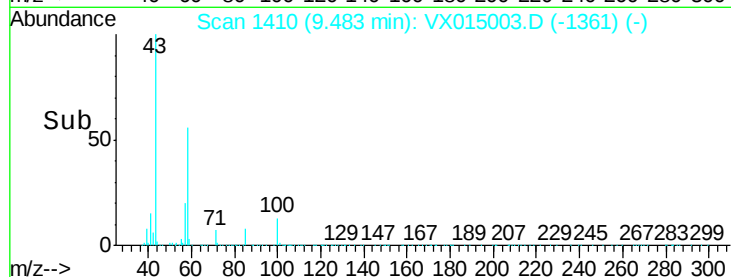
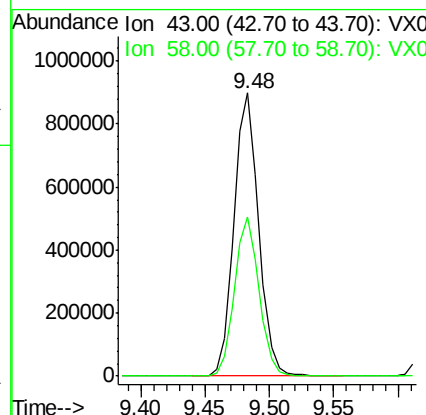
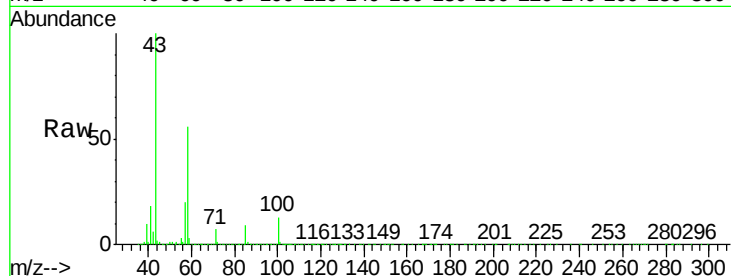
#59
2-Hexanone
Concen: 250.932 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1202392
Ion Ratio Lower Upper
43 100
58 56.3 27.5 82.5

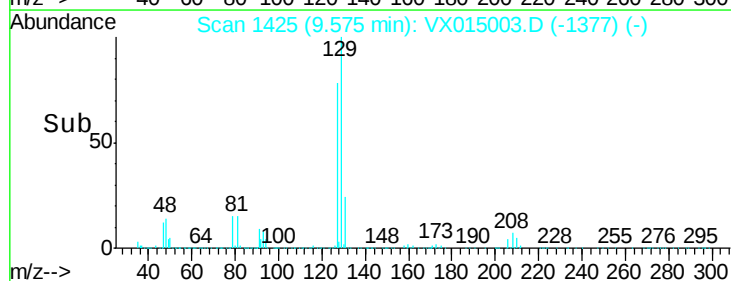
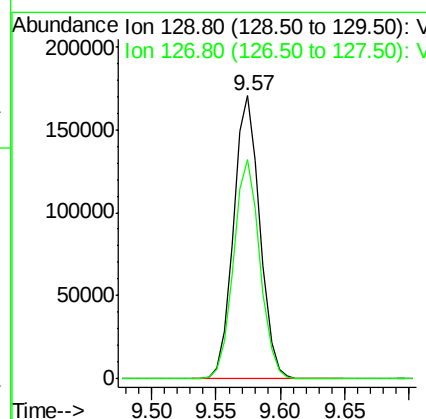
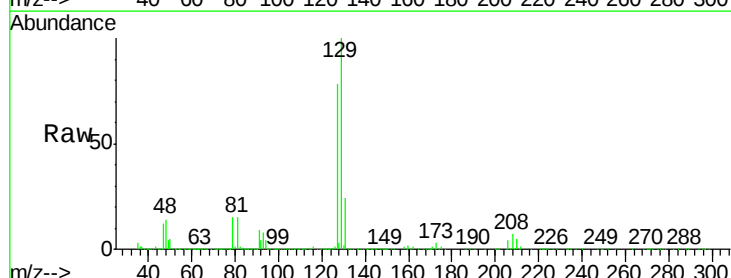
Manual Integrations
APPROVED

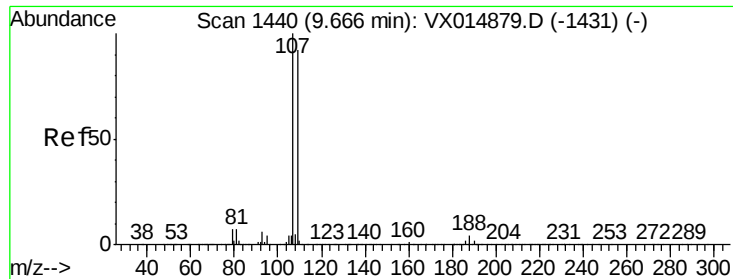
MMDadoda
2/25/2020 9:36:44 AM



#60
Dibromochloromethane
Concen: 50.145 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion: 129 Resp: 243120
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.403 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 235290

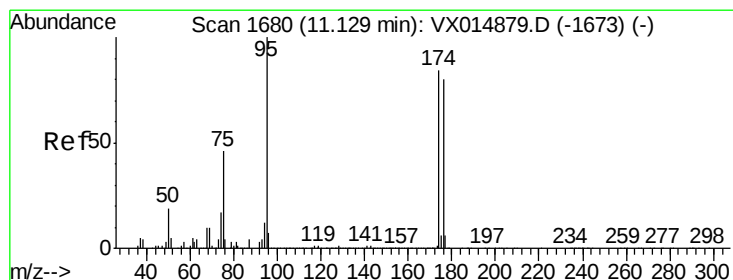
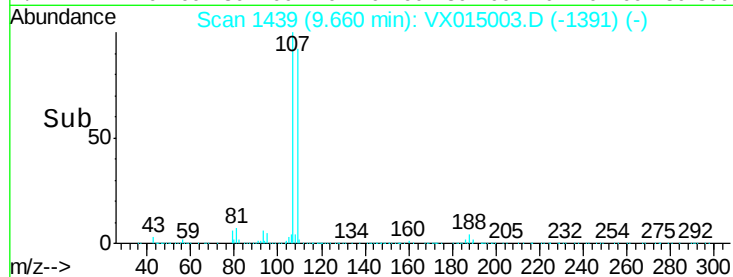
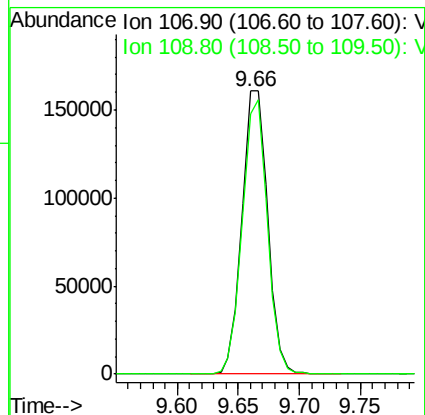
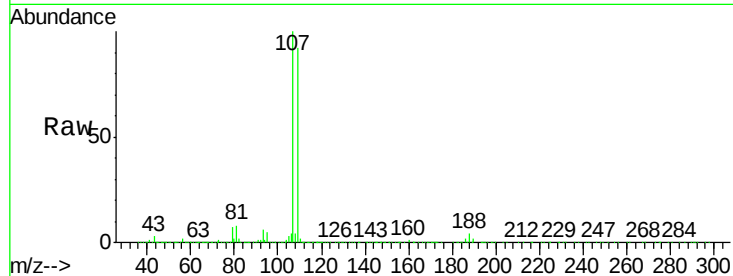
Ion Ratio Lower Upper

107 100

109 93.8 75.6 113.4

Manual Integrations
APPROVED

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2/25/2020 9:36:44 AM



#62

4-Bromofluorobenzene

Concen: 49.880 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

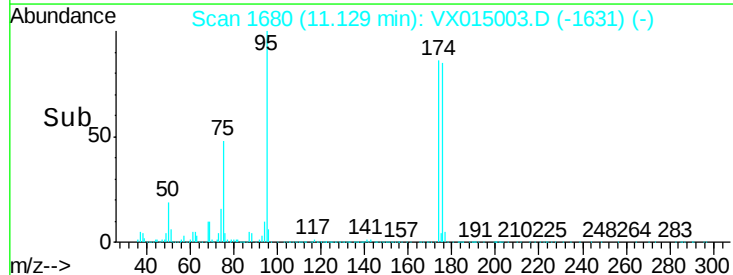
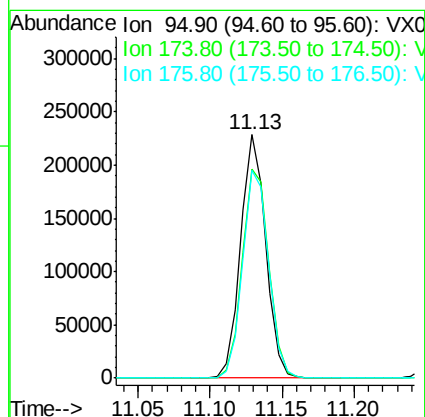
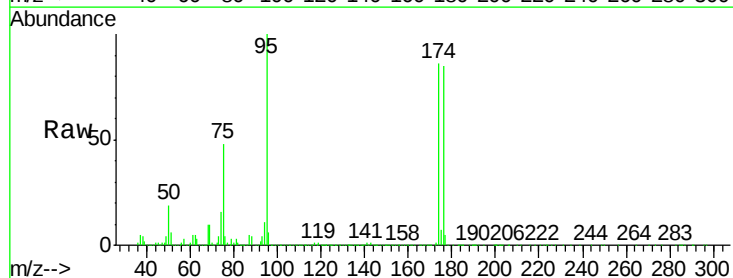
Tgt Ion: 95 Resp: 276596

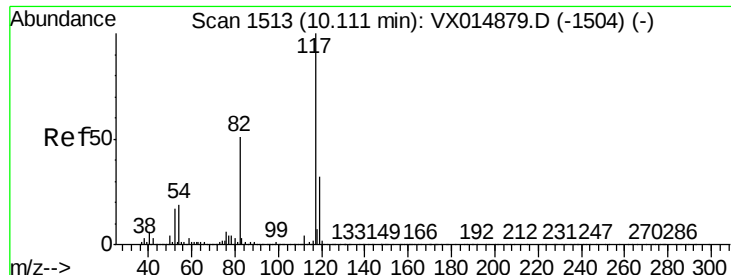
Ion Ratio Lower Upper

95 100

174 90.7 0.0 183.0

176 88.3 0.0 178.0





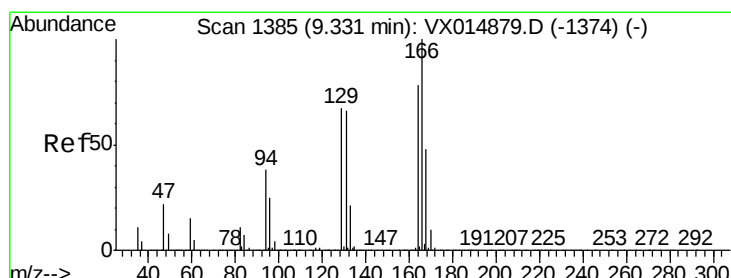
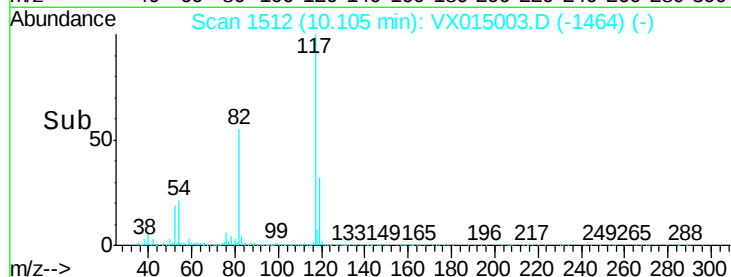
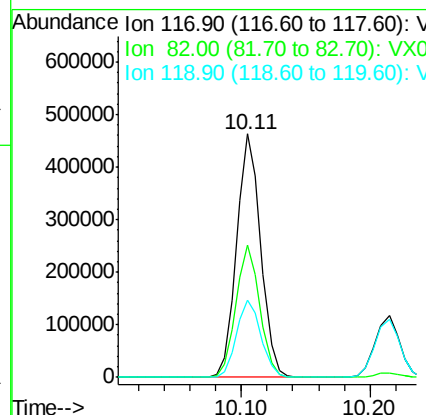
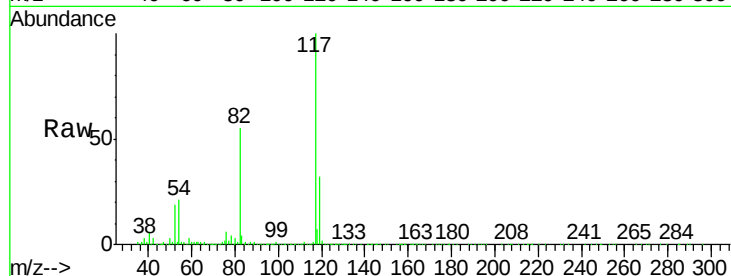
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.5	60.7
119	31.8	25.8	38.6

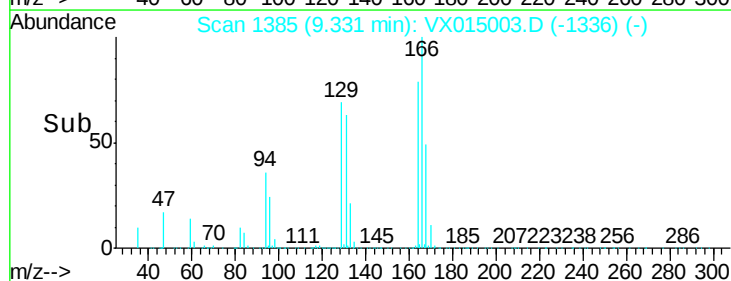
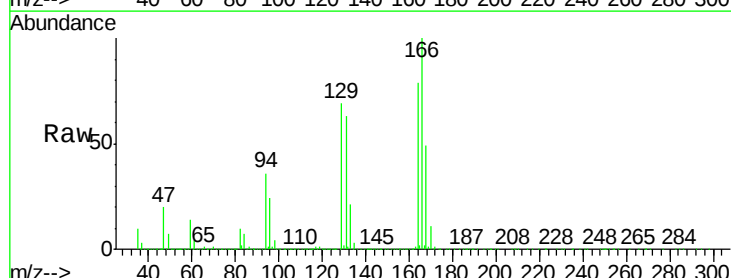
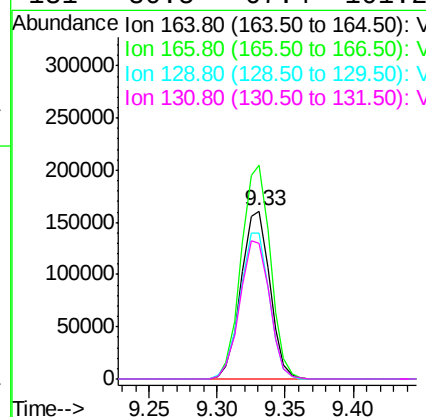
Manual Integrations
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#64
Tetrachloroethene
Concen: 42.405 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.6	153.8
129	87.2	68.3	102.5
131	80.5	67.4	101.2





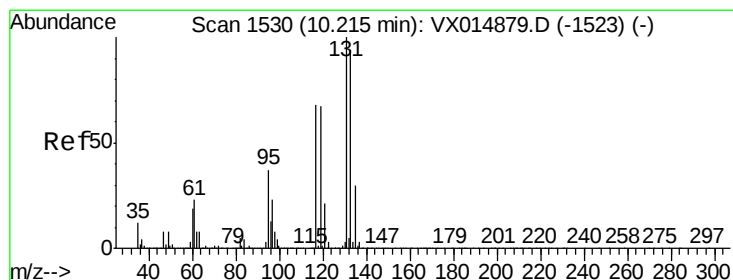
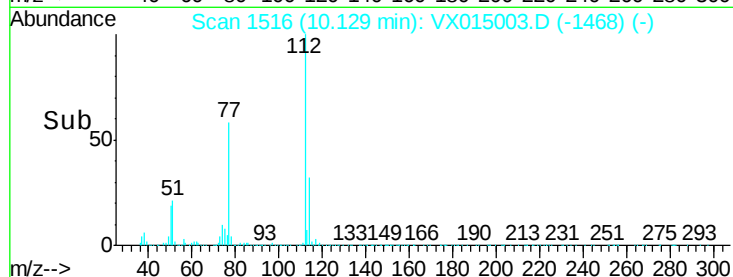
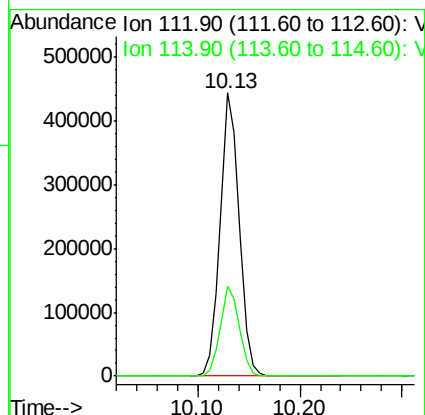
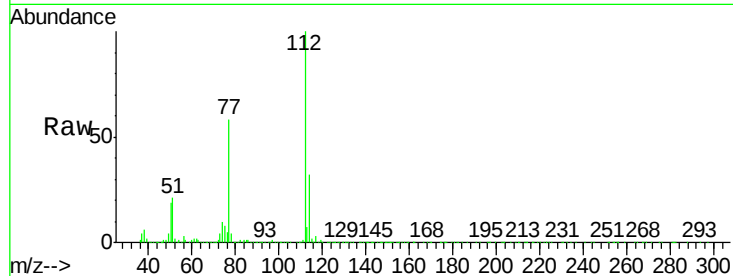
#65
Chlorobenzene
Concen: 48.176 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

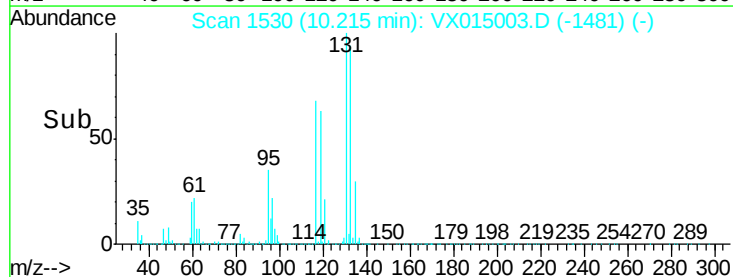
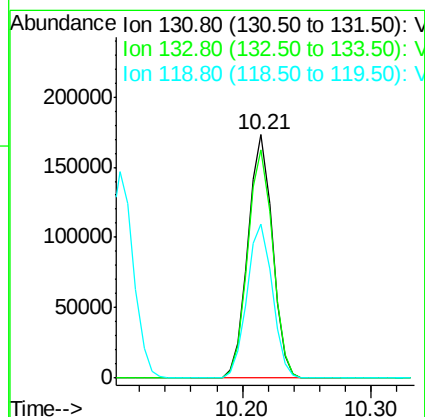
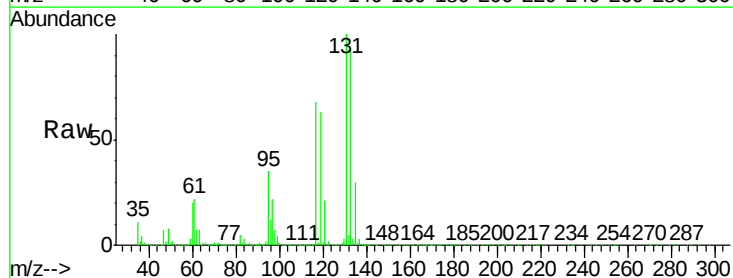
Manual Integrations
APPROVED

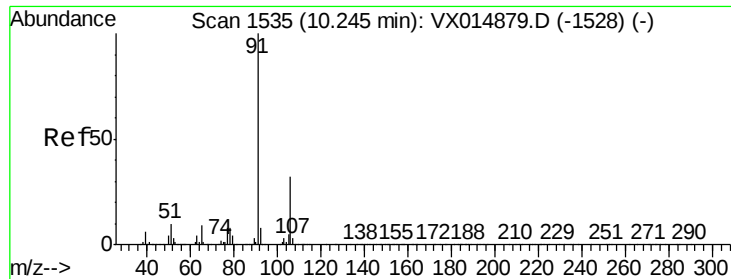
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.119 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	48.1	144.4
119	65.2	33.0	99.0





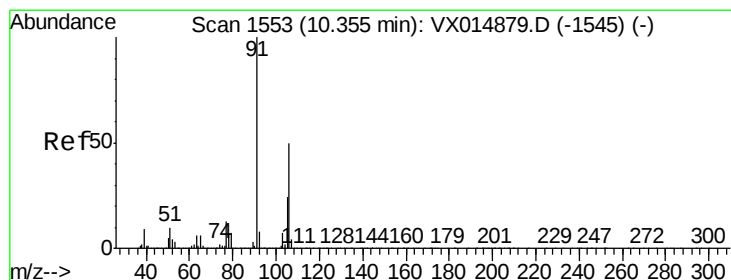
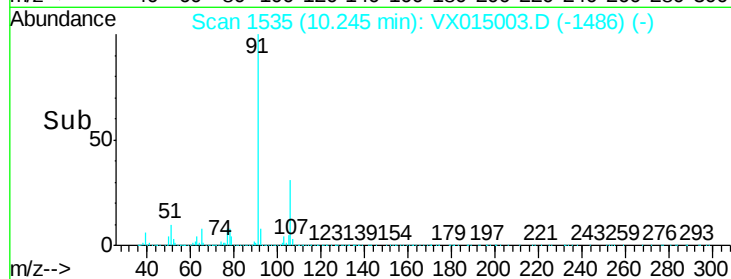
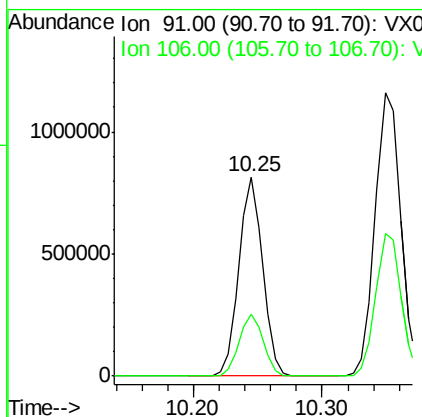
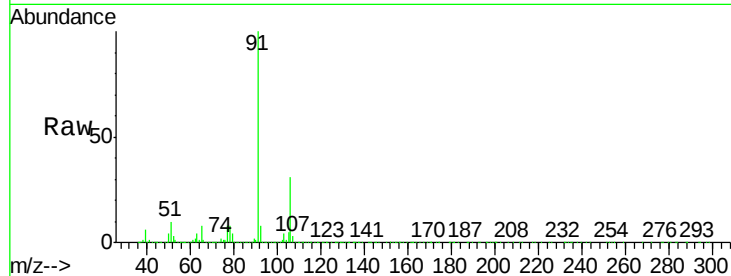
#67
Ethyl Benzene
Concen: 50.148 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1042939
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

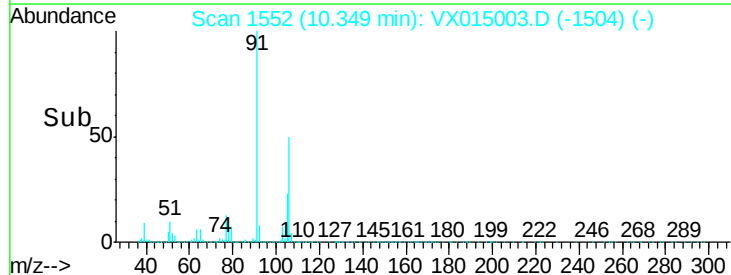
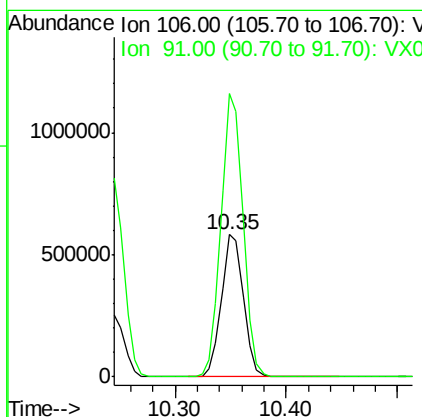
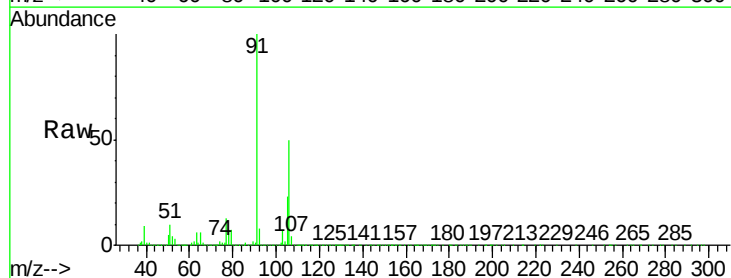
Manual Integrations
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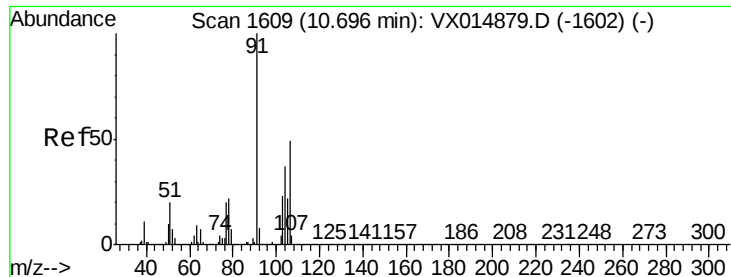
MMDadoda
2/25/2020 9:36:44 AM



#68
m/p-Xylenes
Concen: 99.193 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion: 106 Resp: 794715
Ion Ratio Lower Upper
106 100
91 199.2 160.6 240.8





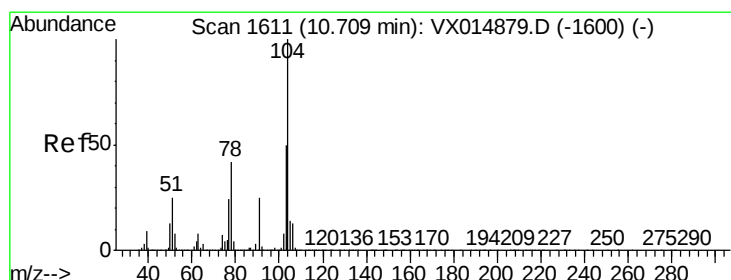
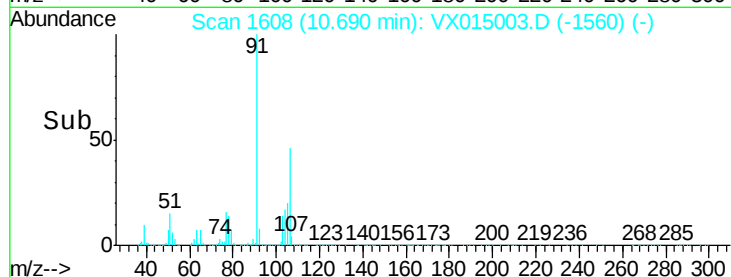
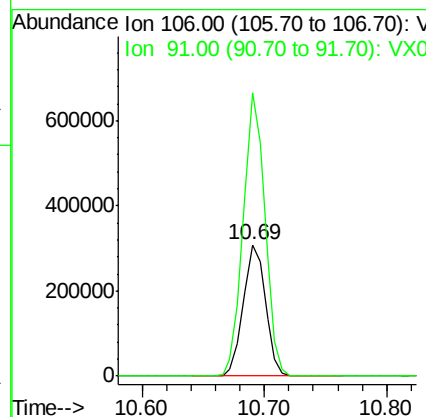
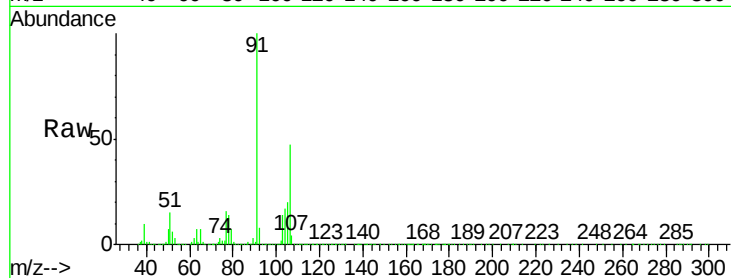
#69
o-Xylene
Concen: 50.402 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	388170		
91	210.1	105.1	315.3	

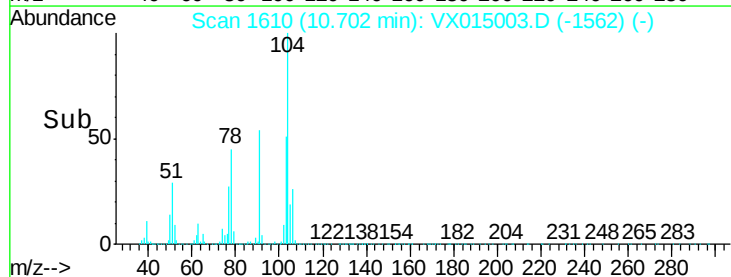
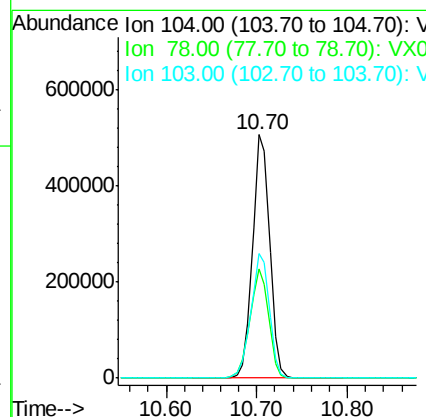
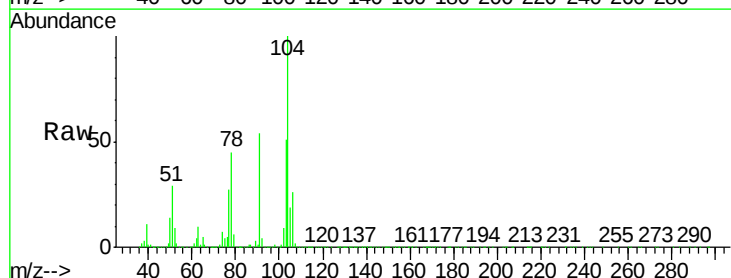
Manual Integrations
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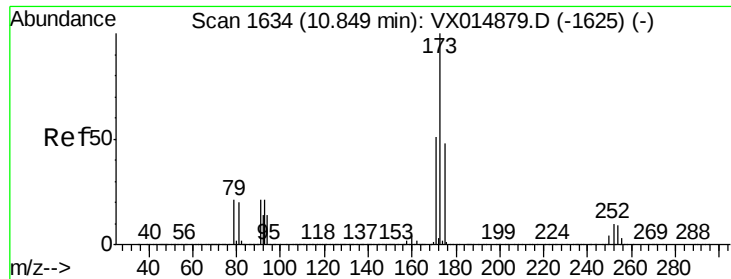
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2/25/2020 9:36:44 AM



#70
Styrene
Concen: 51.041 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	665005		
78	48.7	39.0	58.4	
103	54.9	43.4	65.0	





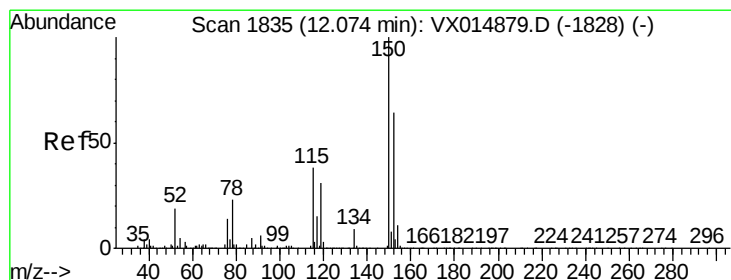
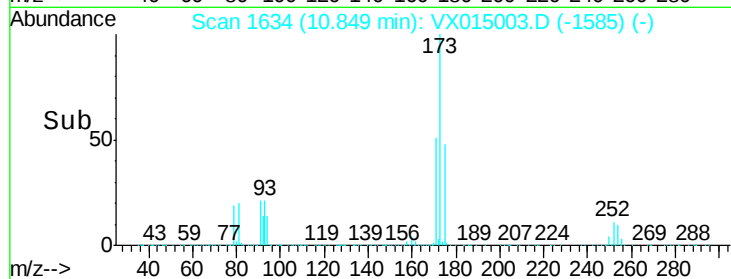
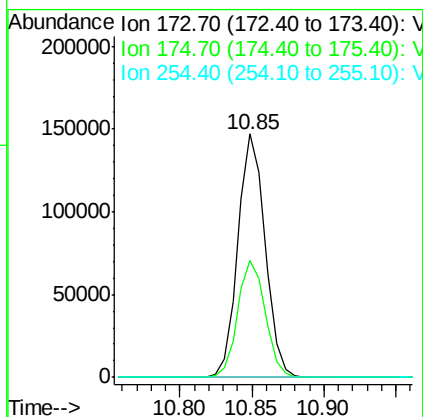
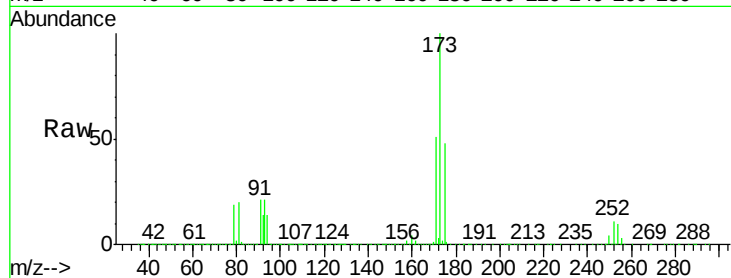
#71
Bromoform
Concen: 52.154 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.2	72.6
254	0.2	0.2	0.2

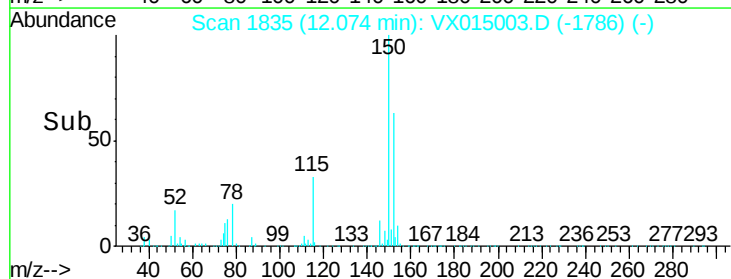
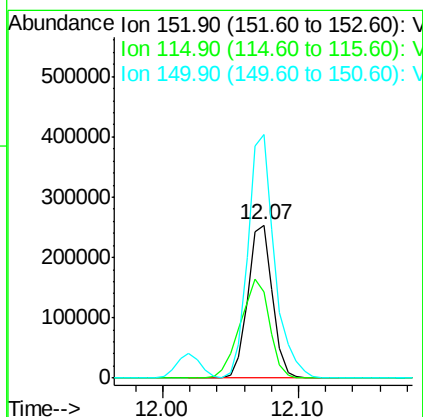
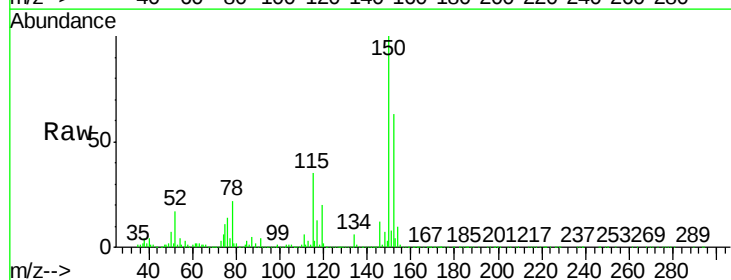
Manual Integrations
APPROVED

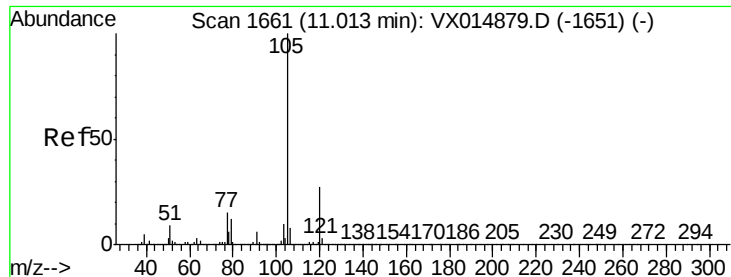
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.7	38.6	116.0
150	172.9	0.0	349.0





#73

Isopropylbenzene

Concen: 51.743 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1035833

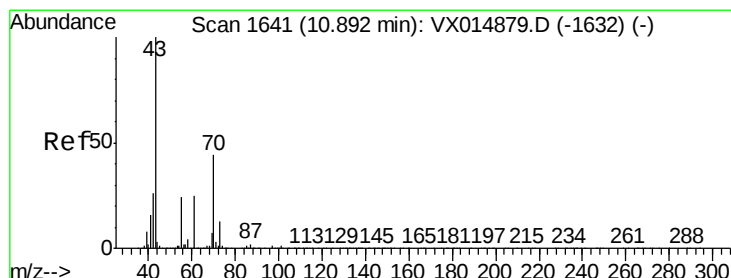
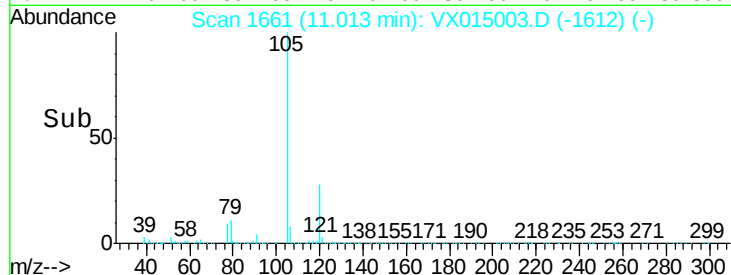
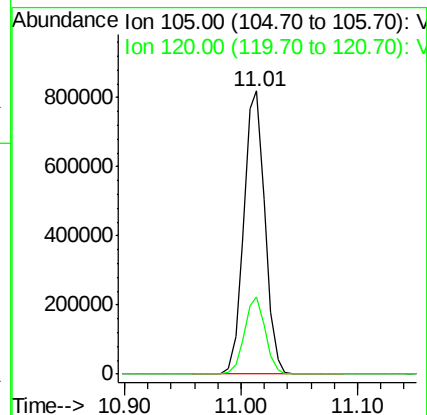
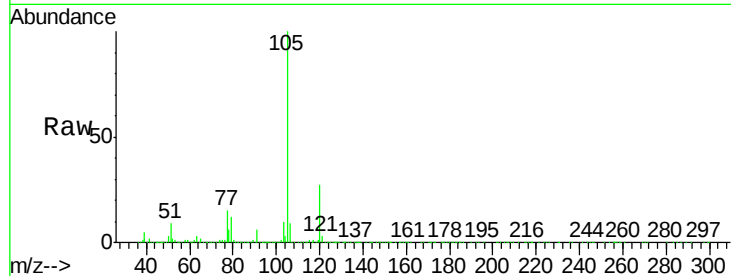
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 54.068 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion: 43 Resp: 449733

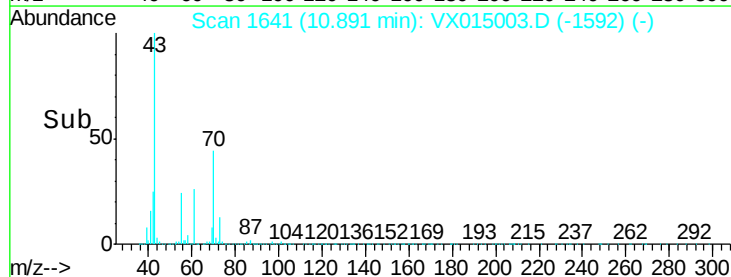
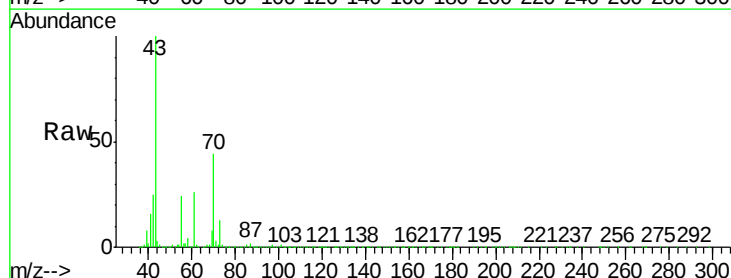
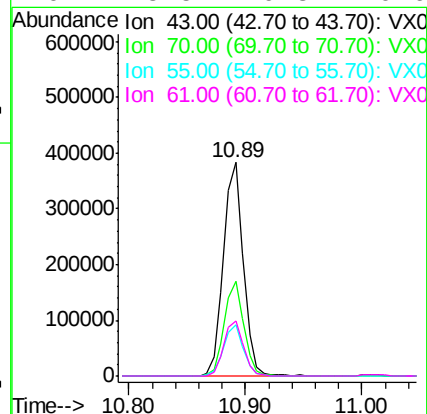
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.4

55 24.0 19.4 29.2

61 25.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.482 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

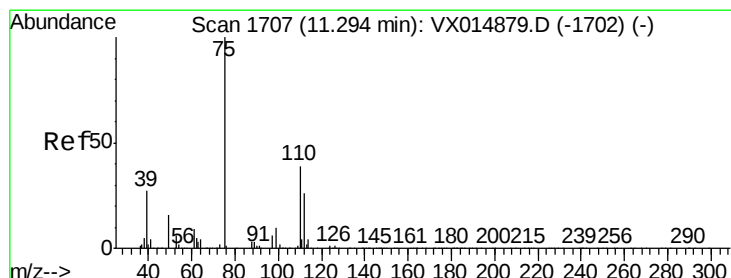
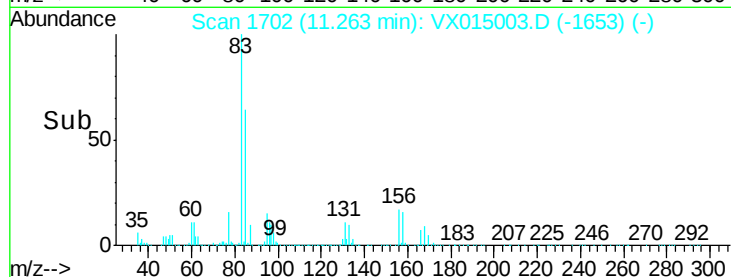
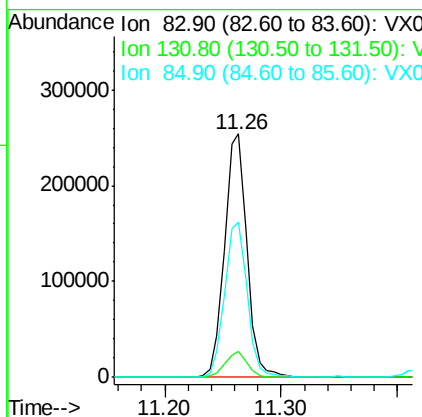
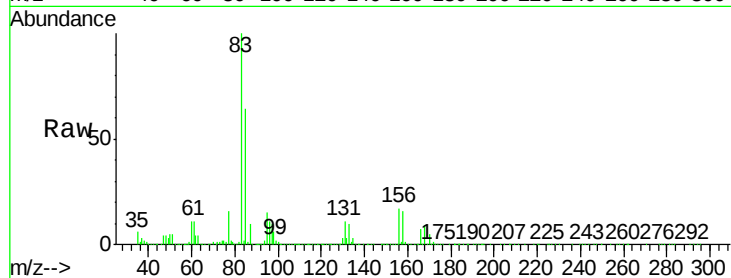
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	336894
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	64.5	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.471 ug/l m

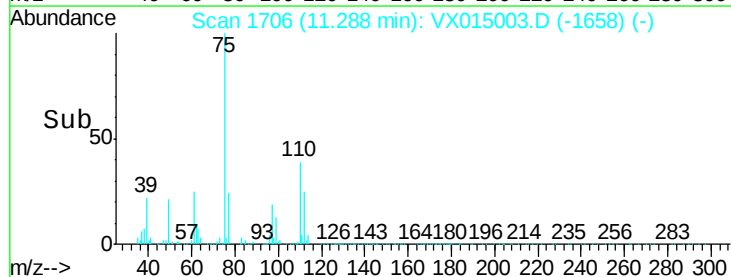
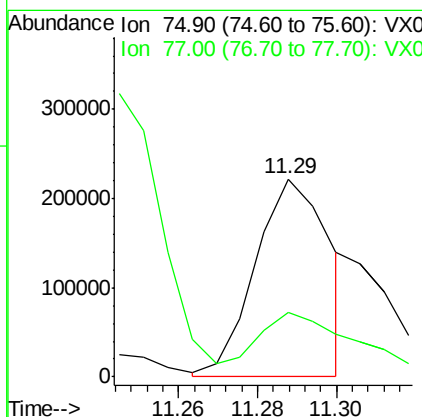
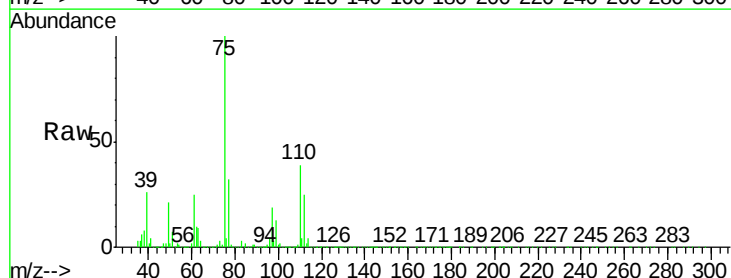
RT: 11.29 min Scan# 1706

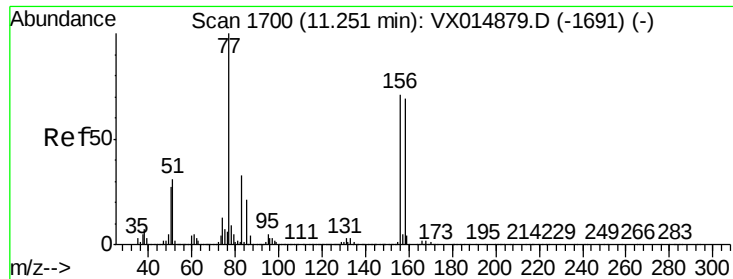
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	75	Resp:	291349
Ion Ratio	Lower	Upper	
75	100		
77	43.3	18.4	55.0





#77

Bromobenzene

Concen: 48.951 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

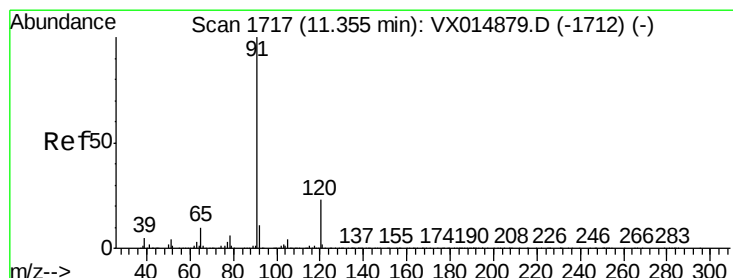
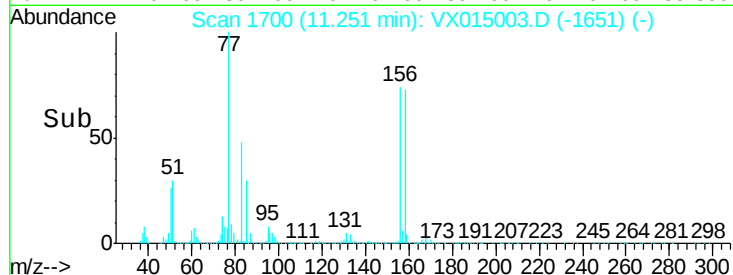
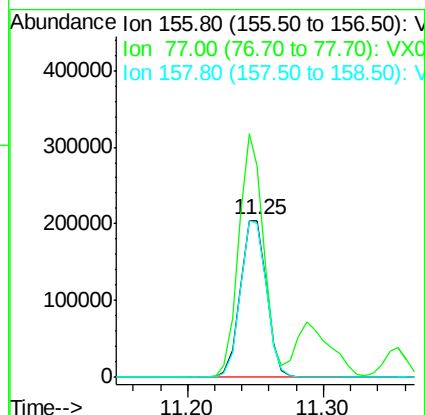
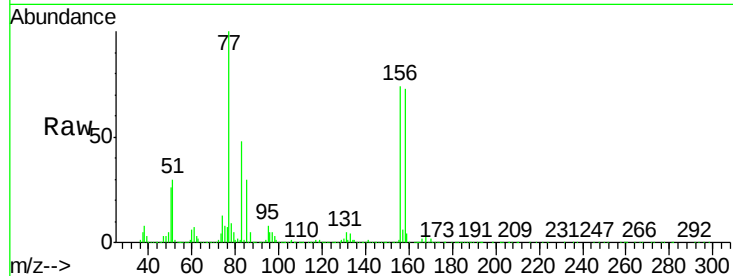
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	273514
Ion Ratio	Lower	Upper	
156	100		
77	146.4	74.0	222.0
158	98.4	48.9	146.6

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#78

n-propylbenzene

Concen: 51.128 ug/l

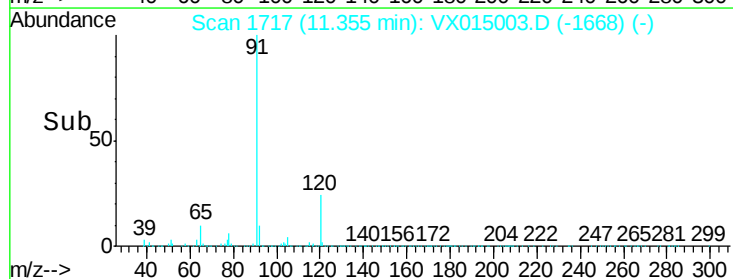
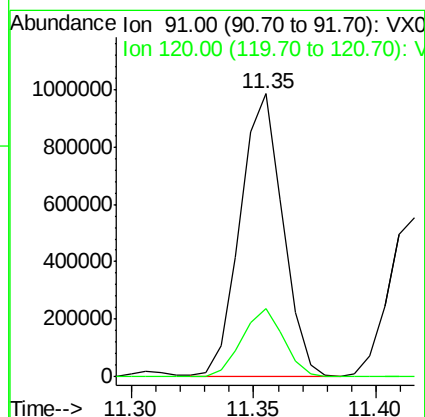
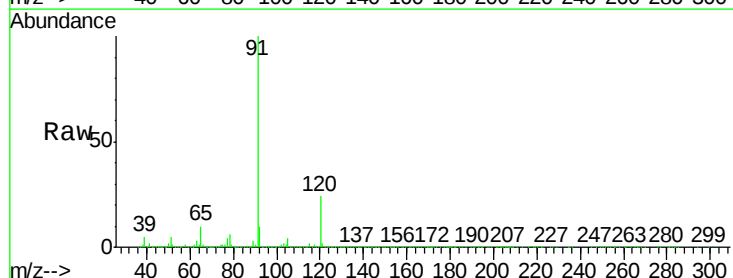
RT: 11.35 min Scan# 1717

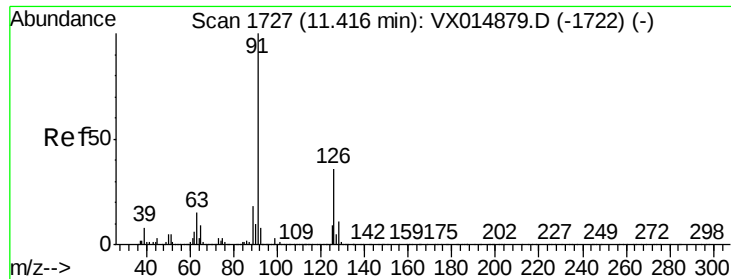
Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion:	91	Resp:	1183794
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





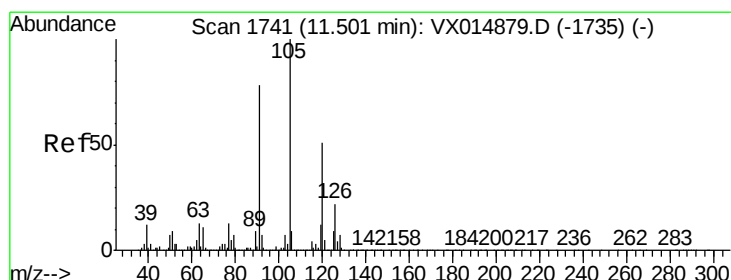
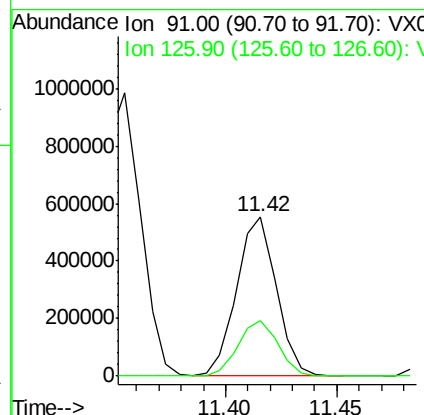
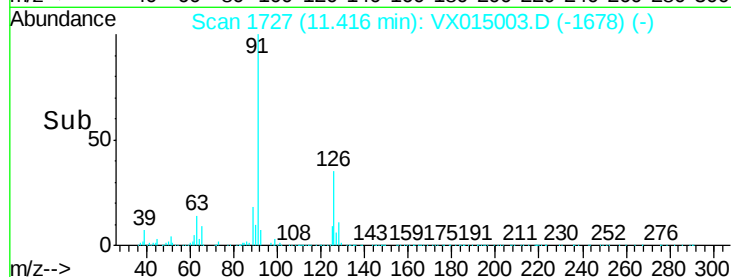
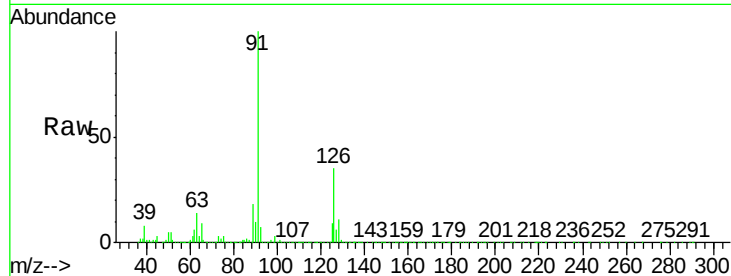
#79
 2-Chlorotoluene
 Concen: 50.690 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 689988
 Ion Ratio Lower Upper
 91 100
 126 35.3 18.0 54.0

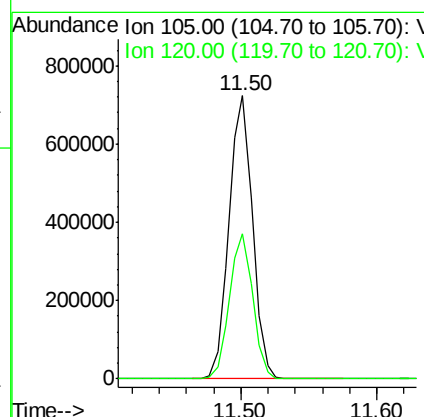
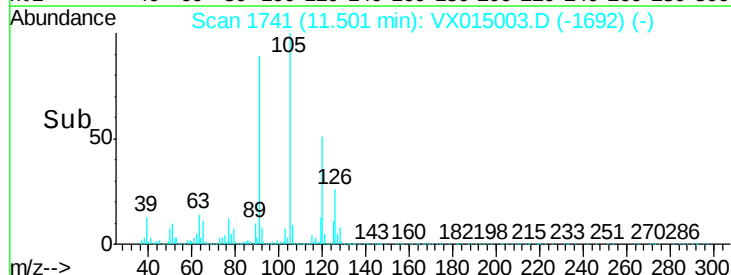
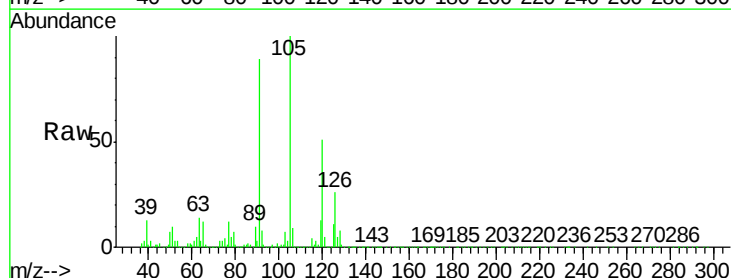
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.668 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion: 105 Resp: 864237
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.239 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015003.D

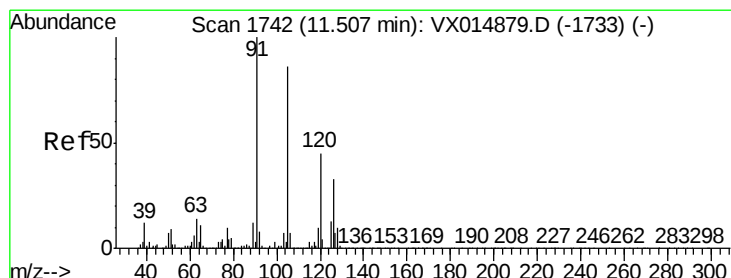
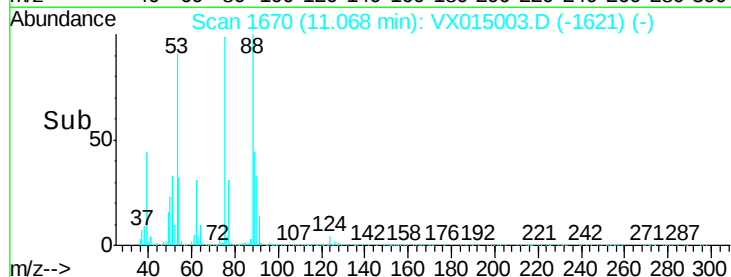
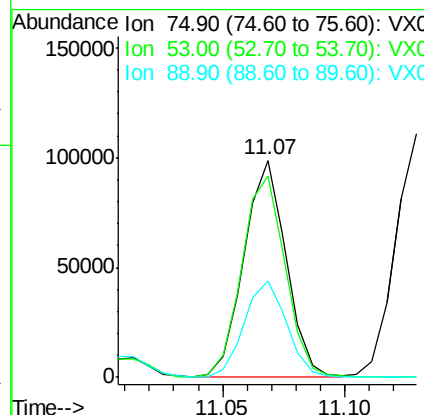
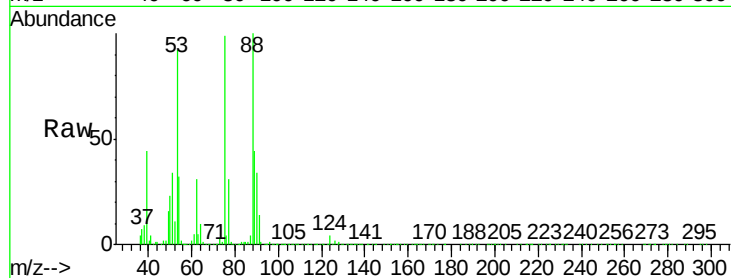
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	76.2	114.2
89	45.4	35.8	53.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.060 ug/l

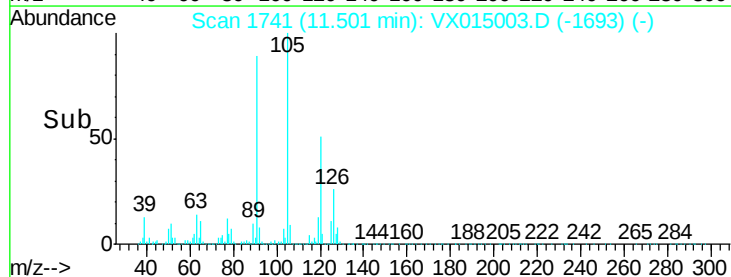
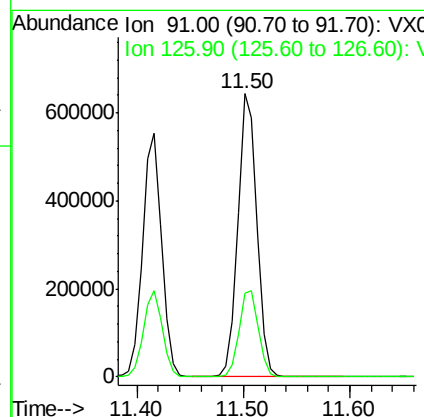
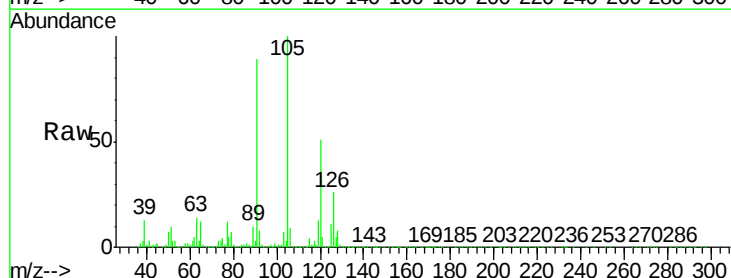
RT: 11.50 min Scan# 1741

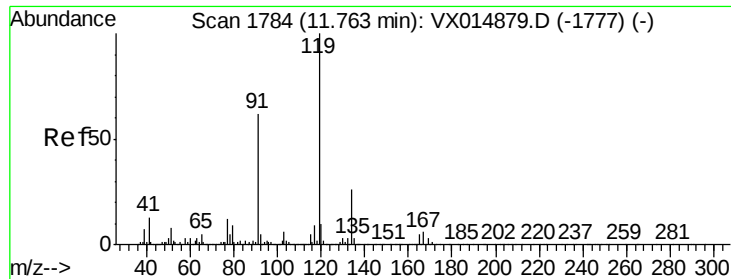
Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





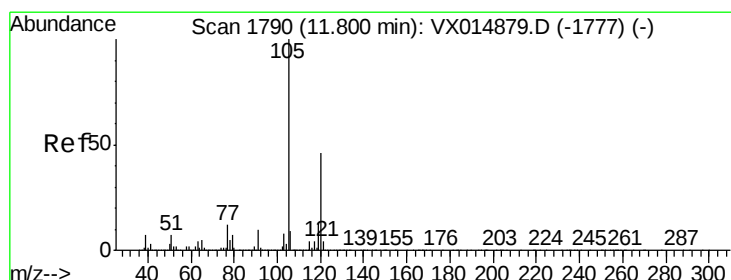
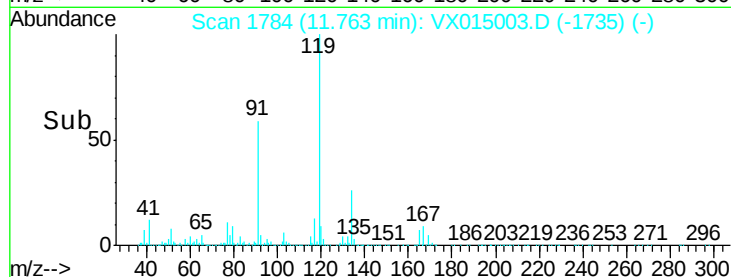
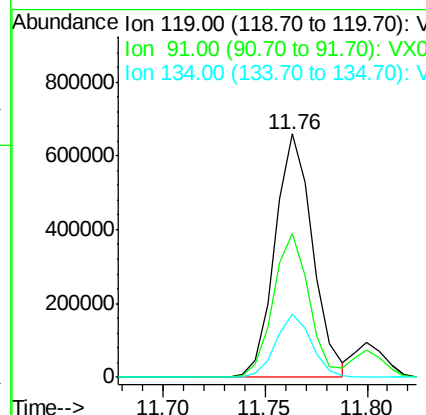
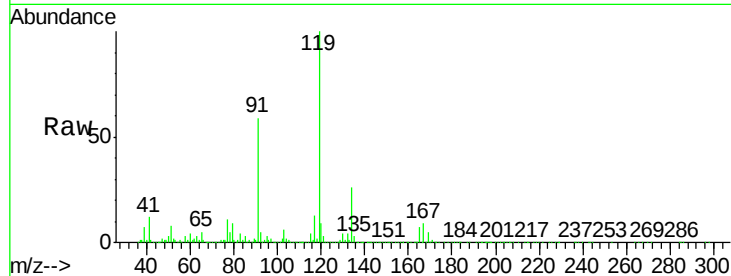
#83
tert-Butylbenzene
Concen: 53.666 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	850060		
91	56.7	29.5	88.6	
134	24.6	12.6	37.6	

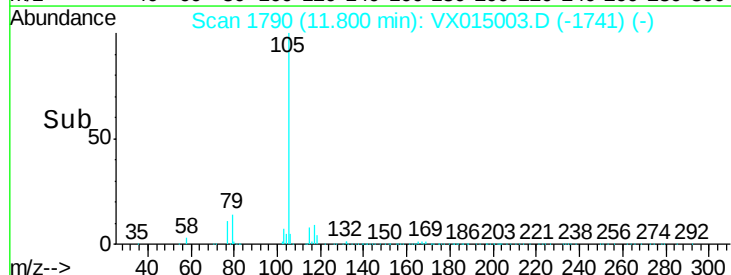
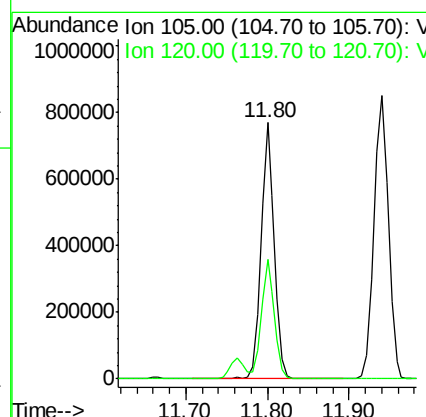
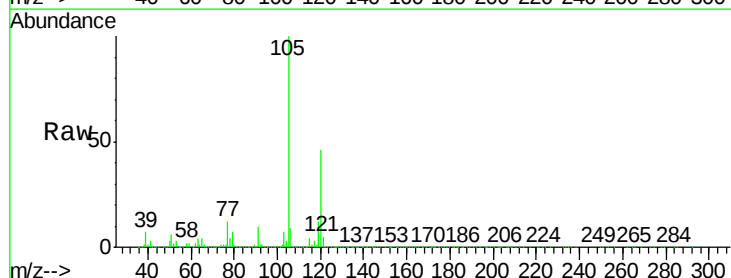
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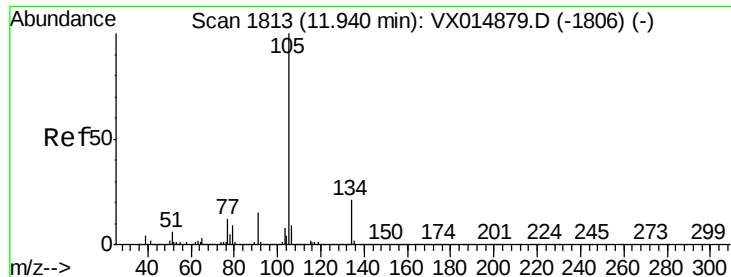
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#84
1,2,4-Trimethylbenzene
Concen: 52.483 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	884692		
120	45.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 51.920 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1021649

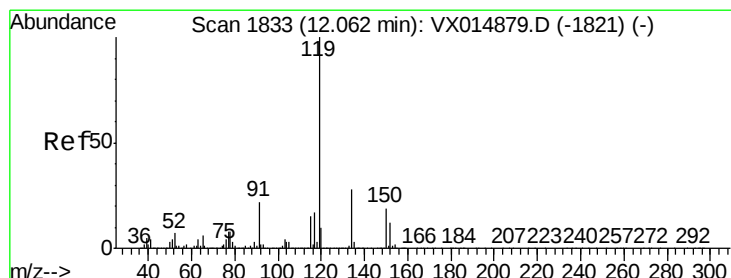
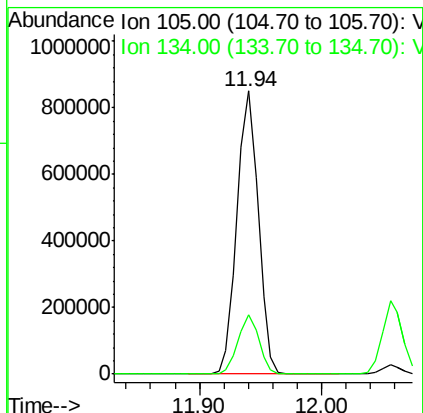
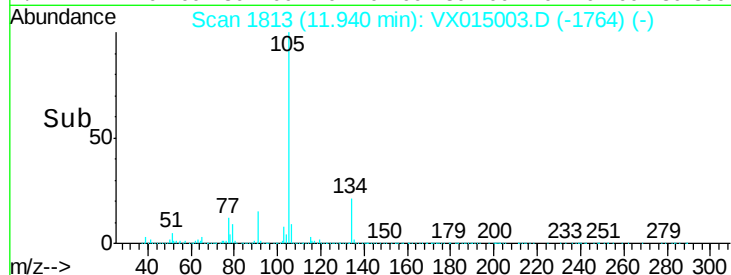
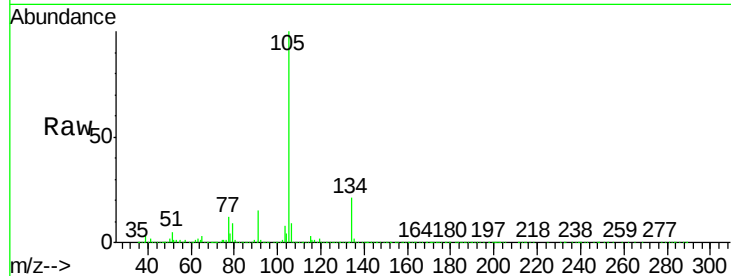
Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 51.746 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

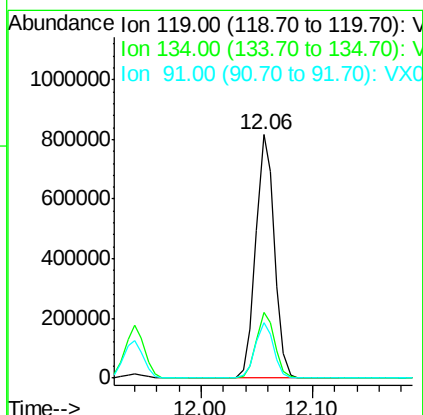
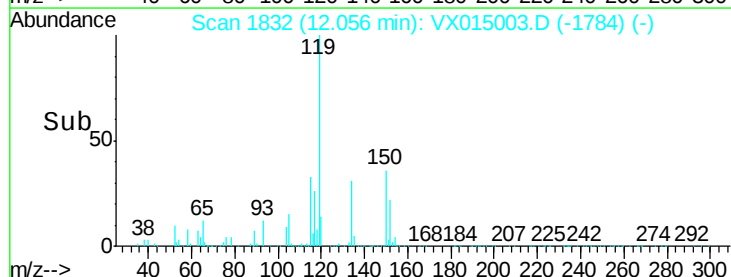
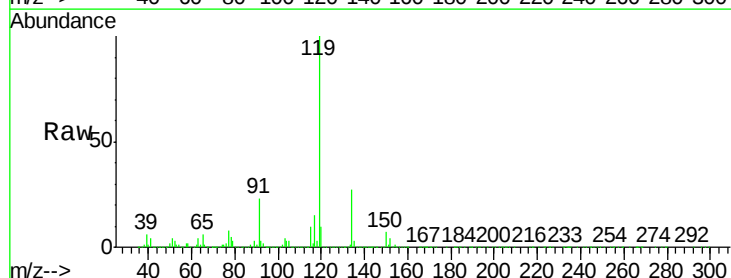
Tgt Ion:119 Resp: 952843

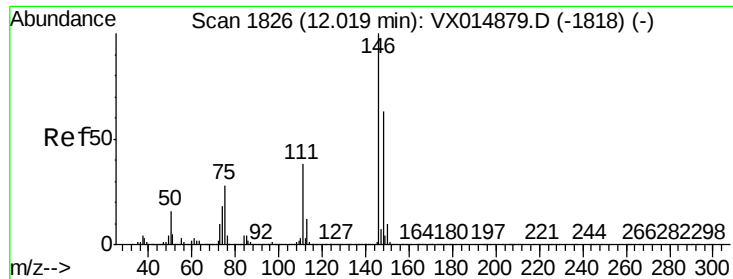
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.596 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

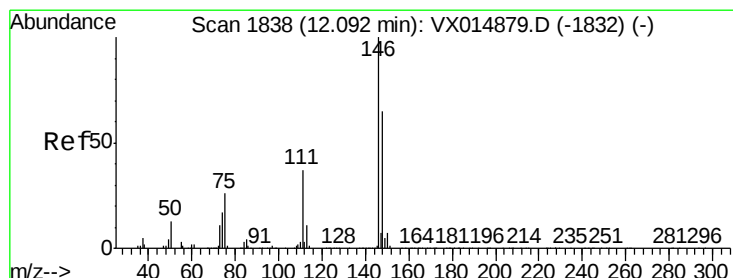
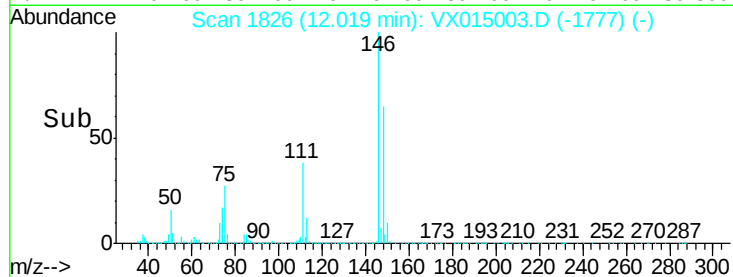
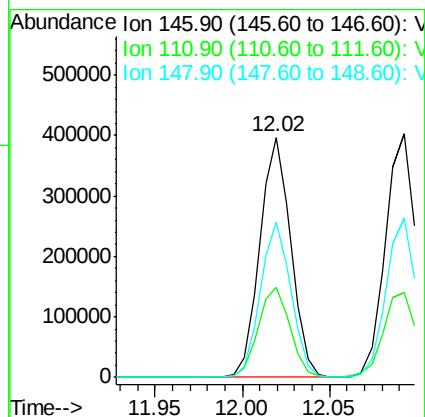
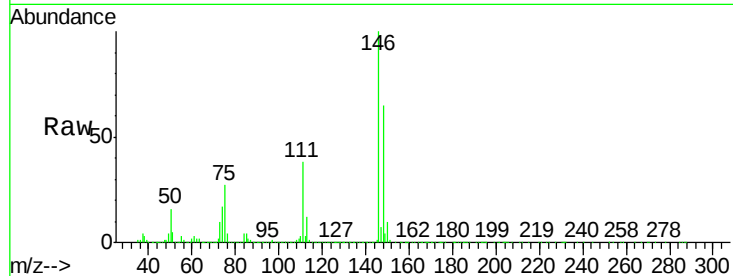
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	56.0
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 48.223 ug/l

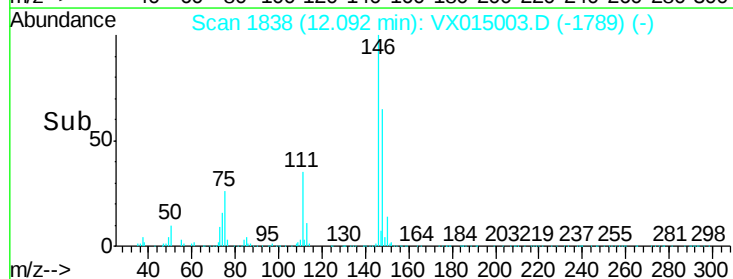
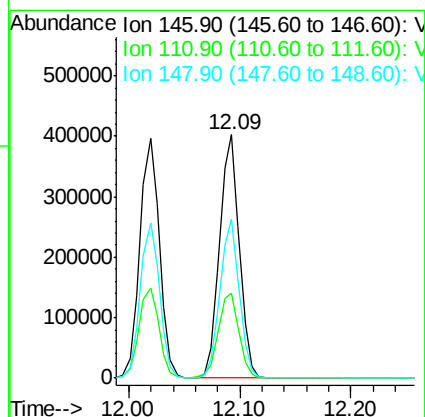
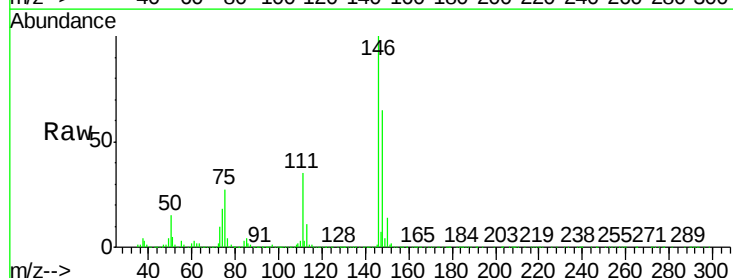
RT: 12.09 min Scan# 1838

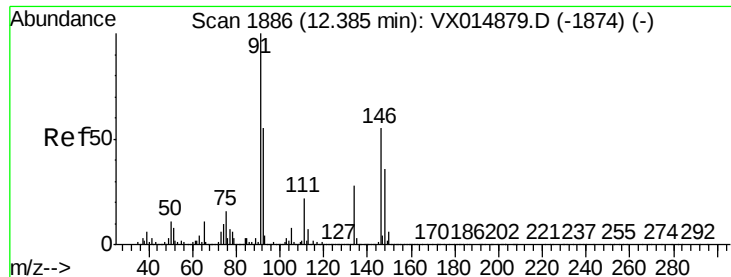
Delta R.T. -0.00 min

Lab File: VX015003.D

Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	63.9	32.4	97.0





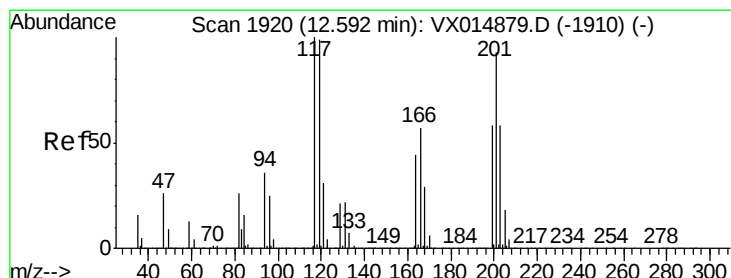
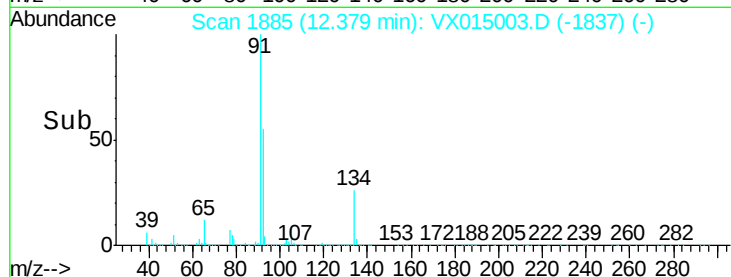
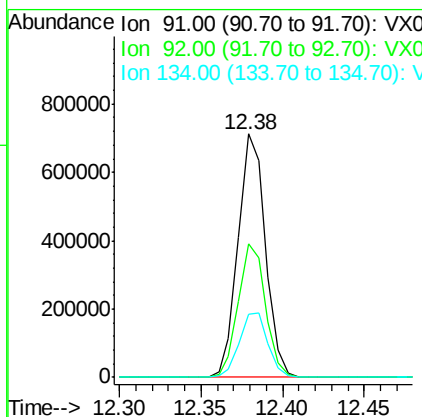
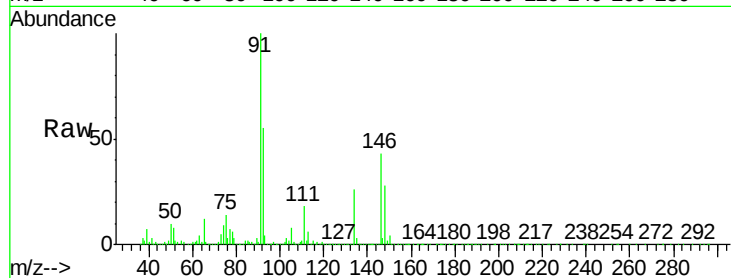
#89
n-Butylbenzene
Concen: 50.605 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.3	81.8
134	27.5	13.8	41.4

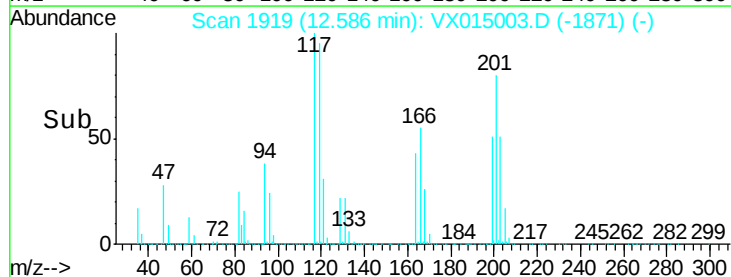
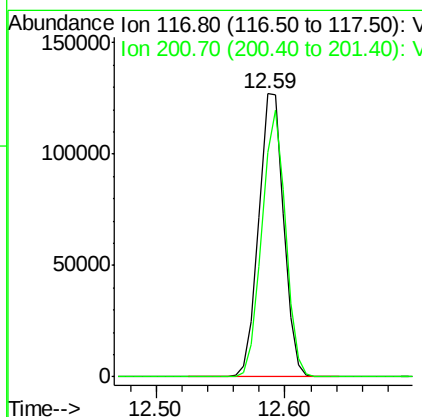
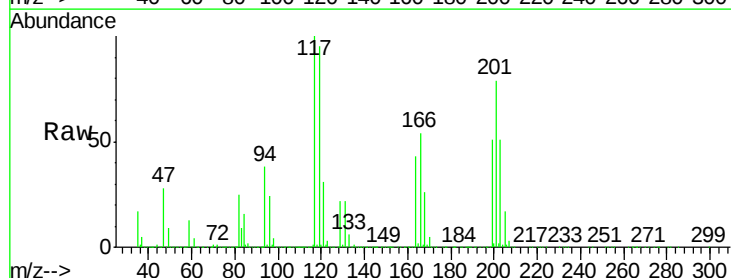
Manual Integrations
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#90
Hexachloroethane
Concen: 52.793 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	44.8	134.3





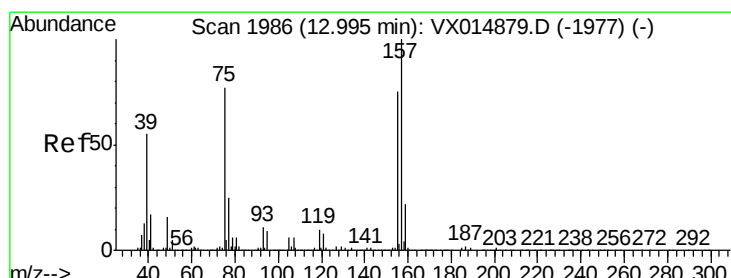
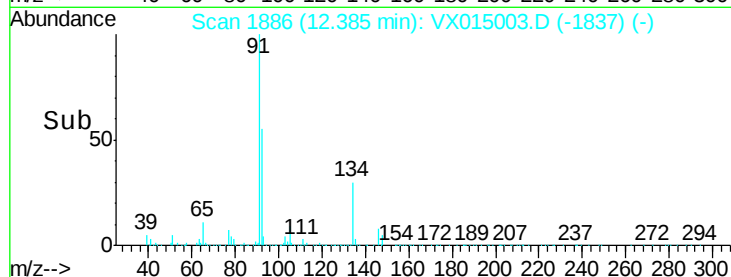
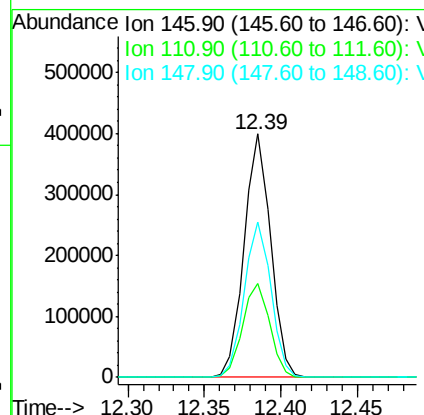
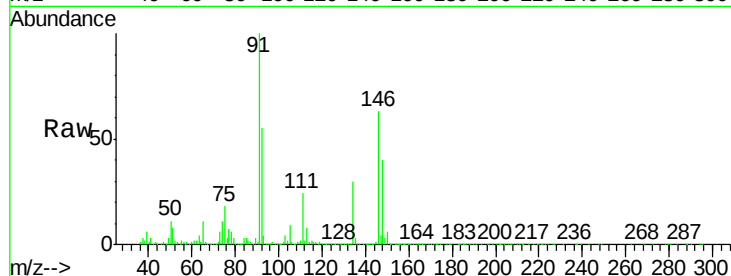
#91
 1,2-Dichlorobenzene
 Concen: 48.995 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.4	32.4	97.2

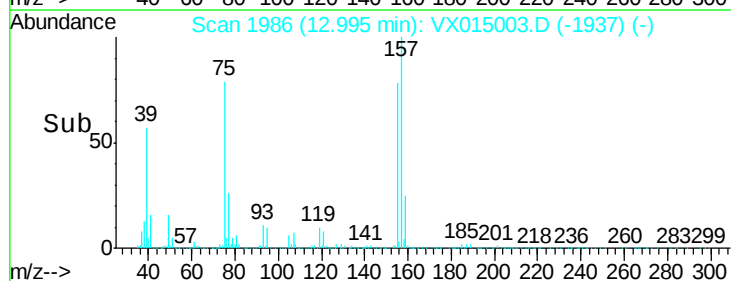
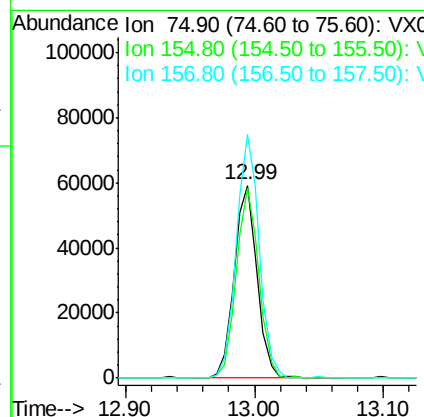
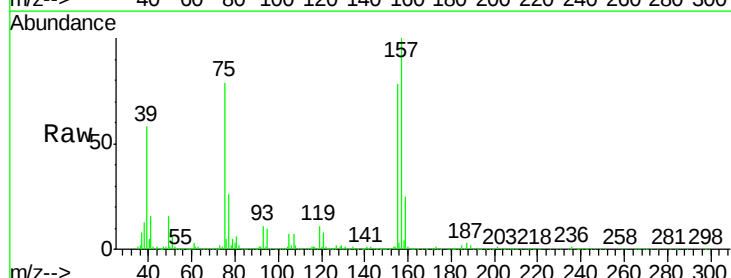
Manual Integrations
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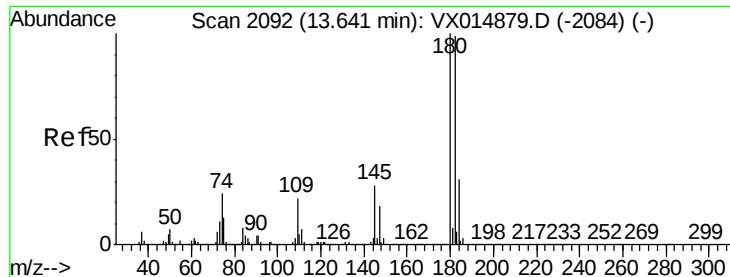
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.131 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	48.6	145.9
157	125.4	62.0	186.0





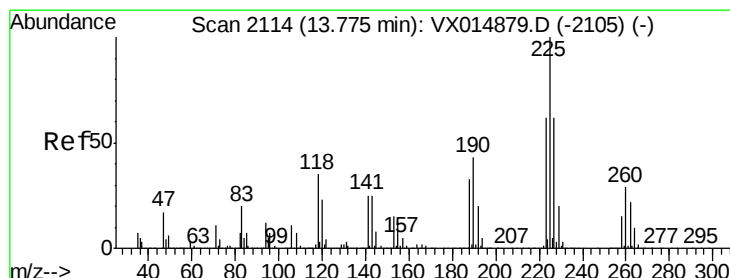
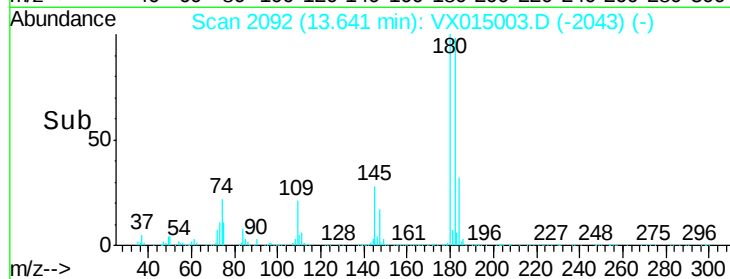
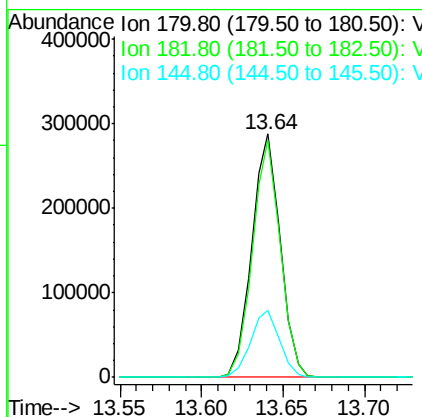
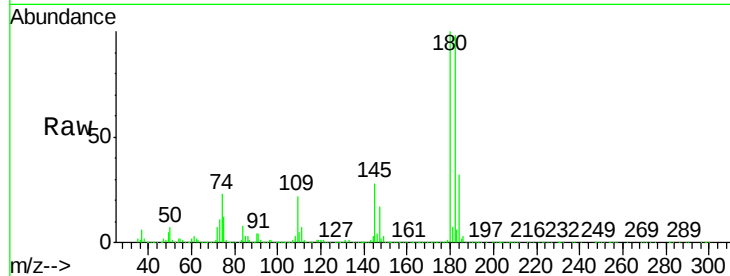
#93
 1,2,4-Trichlorobenzene
 Concen: 48.244 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	350042
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.4	145.3
145	27.9	14.1	42.4

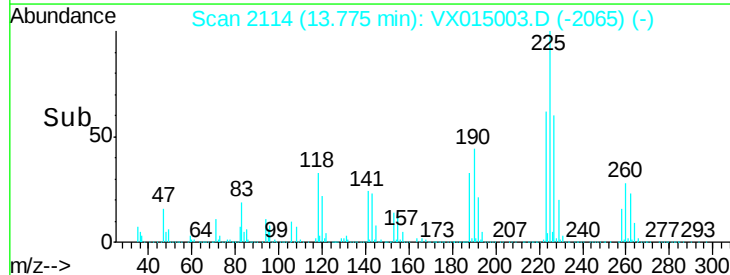
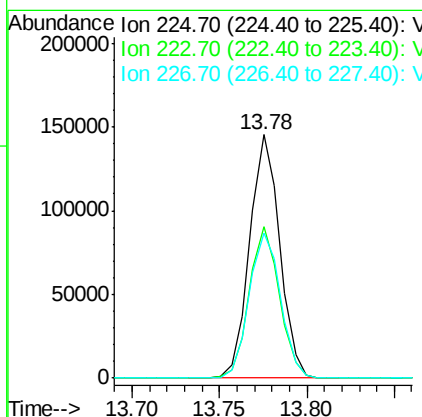
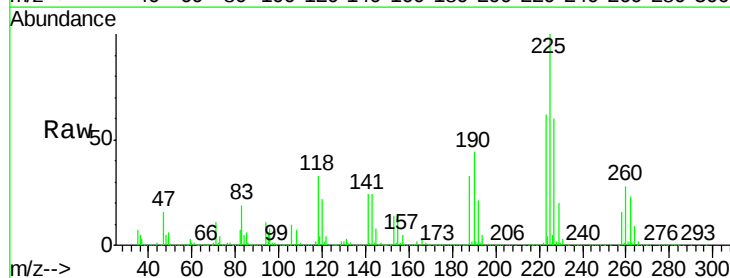
Manual Integrations
 APPROVED

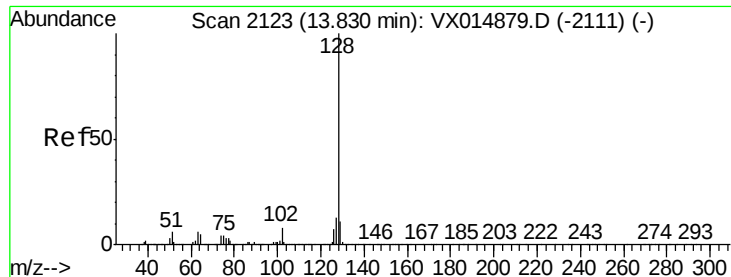
MMDadoda
 2/25/2020 9:36:44 AM



#94
 Hexachlorobutadiene
 Concen: 49.383 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015003.D
 Acq: 24 Feb 2020 16:26

Tgt Ion:	225	Resp:	173305
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	62.5	30.9	92.5





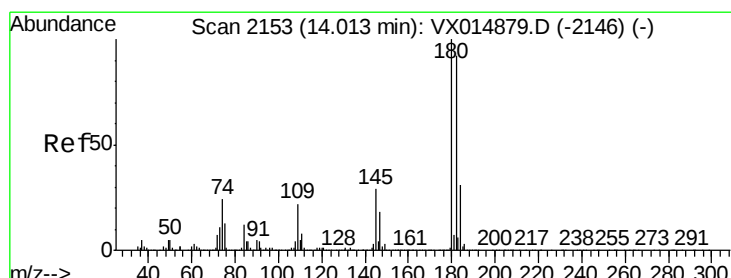
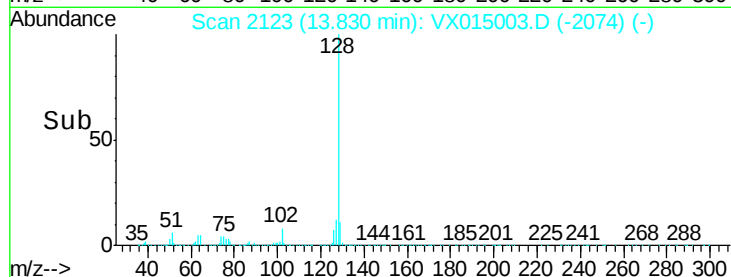
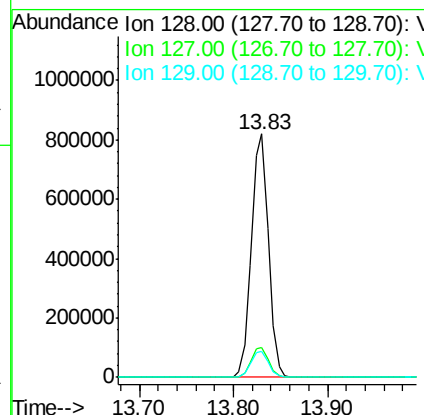
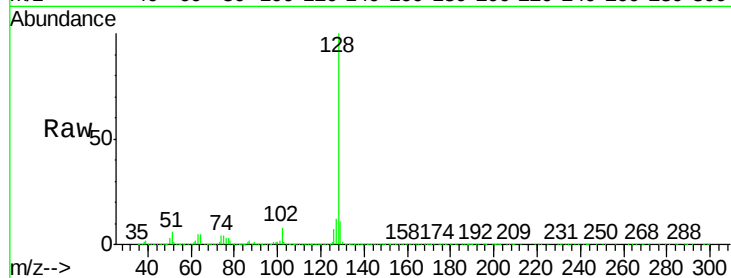
#95
Naphthalene
Concen: 53.079 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/25/2020 9:36:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.084 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015003.D
Acq: 24 Feb 2020 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	29.5	14.5	43.5

