

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014611.D
 Acq On : 15 Jan 2020 11:34
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:42:01 AM

Quant Time: Jan 15 12:20:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	76827	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	422724	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	382541	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	161186	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.13	95	187249	30.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.03%
63) Toluene-d8	8.71	98	518784	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	283882	73.149	ug/l 99
3) Chloromethane	1.32	50	305597	55.870	ug/l 95
4) Vinyl Chloride	1.40	62	346978	61.881	ug/l 100
5) Bromomethane	1.63	94	201849	49.245	ug/l 99
6) Chloroethane	1.72	64	187801	54.223	ug/l 97
7) Trichlorofluoromethane	1.92	101	368073	52.753	ug/l 98
8) Diethyl Ether	2.18	74	163348	50.934	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216423	52.009	ug/l 98
10) 1,1-Dichloroethene	2.37	96	219901	51.114	ug/l 99
11) Methyl Iodide	2.50	142	310809	56.121	ug/l 98
12) Methyl Acetate	2.76	43	404541	60.741	ug/l 98
13) Acrolein	2.28	56	197888	244.976	ug/l 100
14) Acrylonitrile	3.13	53	681641	261.805	ug/l 99
15) Acetone	2.43	58	238089	311.289	ug/l 83
16) Carbon Disulfide	2.56	76	609565	52.303	ug/l 99
17) Allyl chloride	2.72	41	406751	52.615	ug/l 95
18) Methylene Chloride	2.85	84	252290	47.859	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	237208	50.351	ug/l 95
20) Diisopropyl ether	3.84	45	807120m	50.882	ug/l
21) 1,1-Dichloroethane	3.69	63	432638	50.253	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	268059	49.084	ug/l 97
23) tert-Butyl Alcohol	3.03	59	278549	272.761	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	731050	50.304	ug/l 99
25) Chloroform	5.20	83	418387	50.974	ug/l 98
26) Cyclohexane	5.57	56	404824	52.734	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	324491	53.142	ug/l 99
30) 2-Butanone	4.65	43	1030325	286.274	ug/l 99
31) 2,2-Dichloropropane	4.58	77	336736	59.618	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	352579	52.204	ug/l 99
33) Carbon Tetrachloride	5.78	117	304011	52.952	ug/l 100
34) Benzene	6.14	78	989577	51.975	ug/l 98
35) Methacrylonitrile	5.03	41	204506	52.832	ug/l 97
36) 1,2-Dichloroethane	6.18	62	333459	50.419	ug/l 99
37) Trichloroethene	7.21	130	268552	51.836	ug/l 98
38) Methylcyclohexane	7.46	83	405857	55.722	ug/l 99
39) 1,2-Dichloropropane	7.51	63	255783	51.725	ug/l 91
40) Dibromomethane	7.65	93	164679	52.130	ug/l 98

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Manual Integrations
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 1/16/2020 9:42:01 AM

Quant Time: Jan 15 12:20:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	323834	52.942	ug/l #	99
42) Vinyl Acetate	3.80	43	3116906	245.294	ug/l	99
43) Ethyl Acetate	4.82	43	368768	53.398	ug/l	100
44) Isopropyl Acetate	6.43	43	594777	51.422	ug/l	99
45) 1,4-Dioxane	7.73	88	121724	1123.779	ug/l	99
46) Methyl methacrylate	7.76	41	296410	52.758	ug/l	100
47) n-amyl Acetate	10.89	43	506700	49.267	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	357787	53.592	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	404886	53.928	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	251623	51.611	ug/l	99
51) Ethyl methacrylate	9.17	69	398843	51.431	ug/l	97
52) 1,3-Dichloropropane	9.37	76	422566	51.015	ug/l	98
53) Dibromochloromethane	9.57	129	259464	53.224	ug/l	100
54) 1,2-Dibromoethane	9.67	107	263360	52.466	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	891806	260.878	ug/l	100
56) Bromoform	10.85	173	199805	52.557	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1893661	264.569	ug/l	99
59) 2-Hexanone	9.48	43	1489662	274.248	ug/l	99
61) Tetrachloroethene	9.33	164	301612	59.599	ug/l	98
62) Toluene	8.78	91	1059031	52.052	ug/l	100
64) Chlorobenzene	10.14	112	650854	51.061	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	243750	51.644	ug/l	99
66) Ethyl Benzene	10.25	91	1157588	51.990	ug/l	96
67) m/p-Xylenes	10.36	106	888423	104.380	ug/l	100
68) o-Xylene	10.70	106	438080	51.955	ug/l	98
69) Styrene	10.71	104	744426	51.916	ug/l	99
70) Isopropylbenzene	11.01	105	1140040	52.321	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	369485	47.816	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	317076m	46.099	ug/l	
73) Bromobenzene	11.25	156	293820	50.514	ug/l	100
74) n-propylbenzene	11.35	91	1317123	53.295	ug/l	98
75) 2-Chlorotoluene	11.42	91	770313	51.585	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	956233	51.733	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	129085	56.832	ug/l	91
78) 4-Chlorotoluene	11.51	91	875780	51.324	ug/l	98
79) tert-butylbenzene	11.76	119	871969	48.942	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	942583	50.999	ug/l	98
81) sec-Butylbenzene	11.94	105	1098199	51.822	ug/l	99
82) p-Isopropyltoluene	12.06	119	1007169	52.665	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	517882	51.081	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	513094	50.825	ug/l	100
85) n-Butylbenzene	12.39	91	891155	55.423	ug/l	100
86) Hexachloroethane	12.59	117	178808	51.540	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	519429	50.441	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	83056	53.927	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	356918	54.230	ug/l	100
90) Hexachlorobutadiene	13.78	225	171573	54.844	ug/l	97
91) Naphthalene	13.83	128	1096920	55.450	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	352399	52.789	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICC050

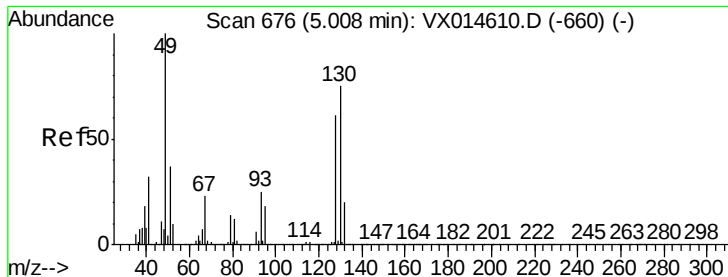
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

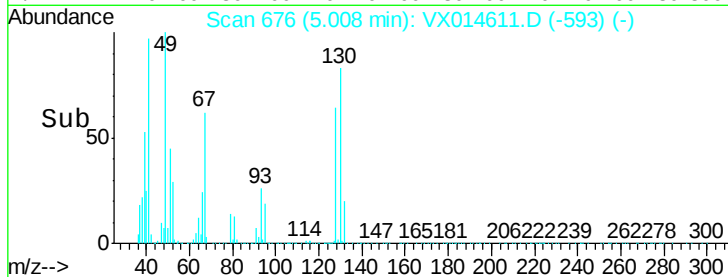
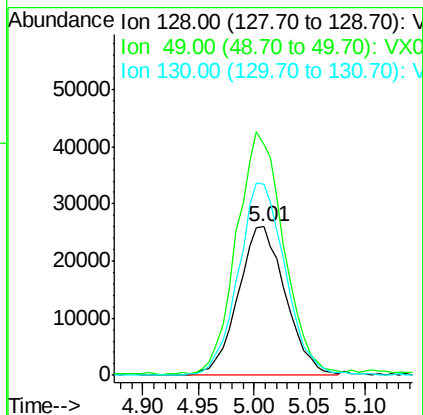
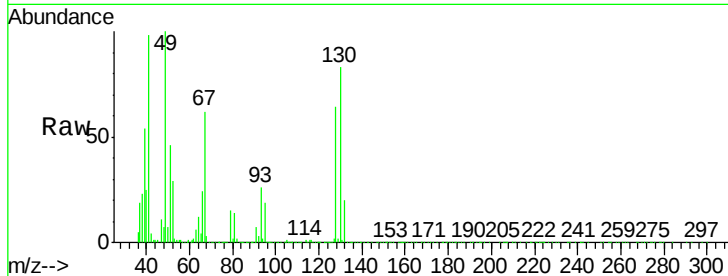
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
49	161.4	0.0	405.0
130	128.5	0.0	321.5

Manual Integrations
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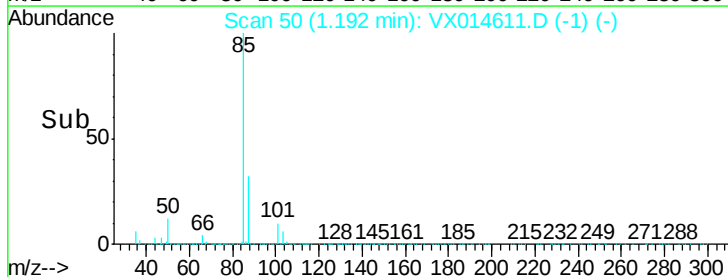
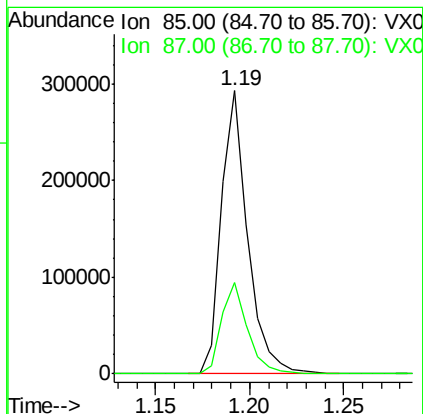
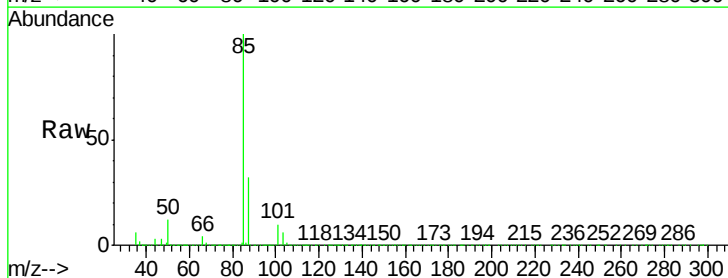
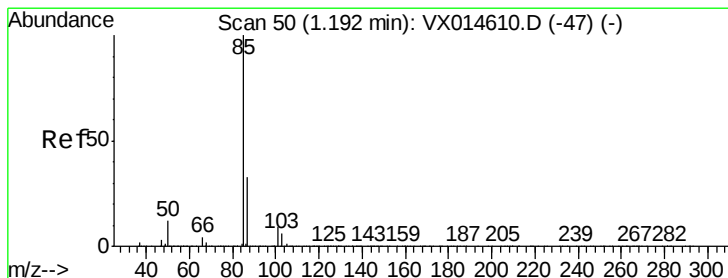
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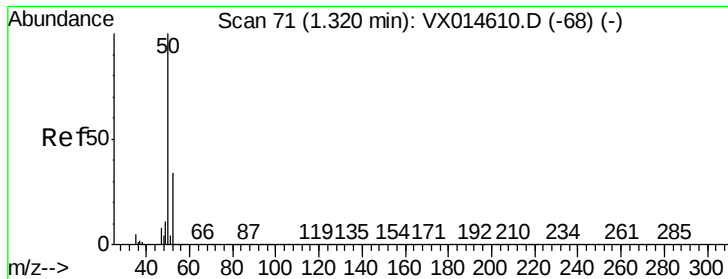


#2

Dichlorodifluoromethane
Concen: 73.149 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.3	48.9





#3

Chloromethane

Concen: 55.870 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 305597

Ion Ratio Lower Upper

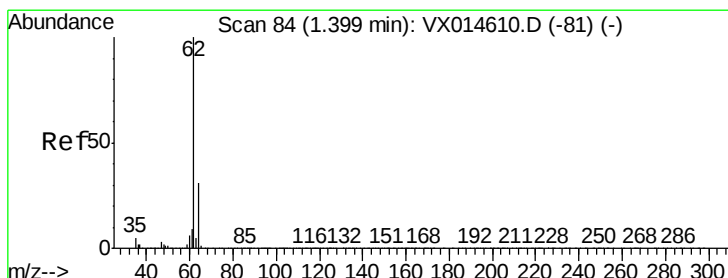
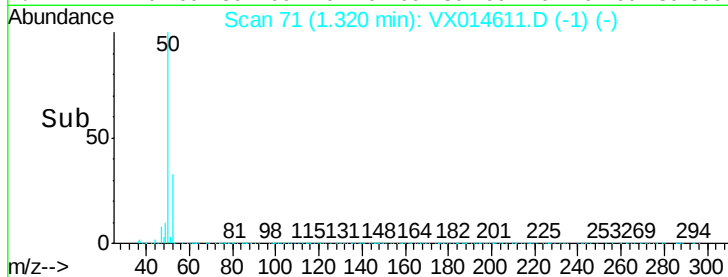
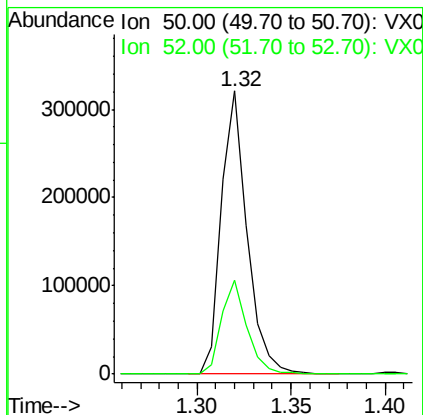
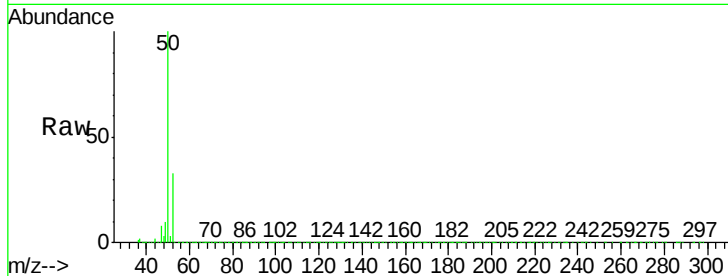
50 100

52 33.1 24.3 36.5

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#4

Vinyl Chloride

Concen: 61.881 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014611.D

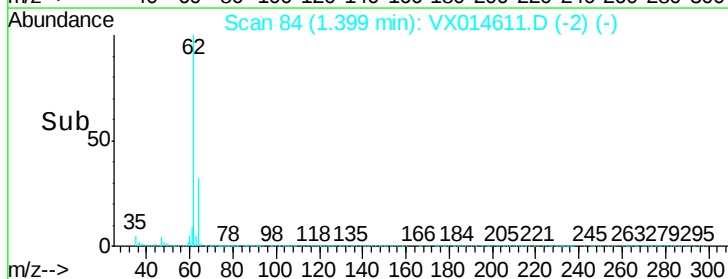
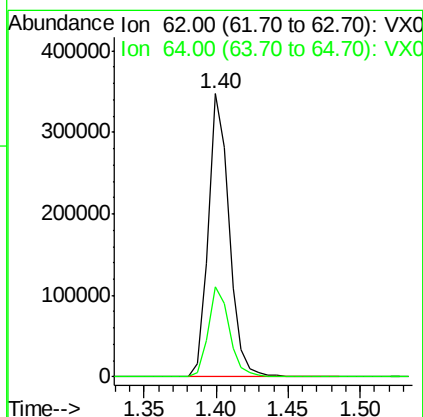
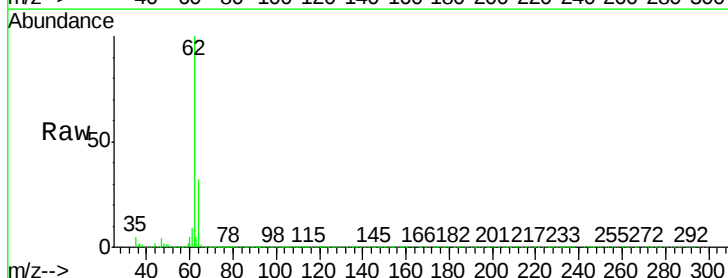
Acq: 15 Jan 2020 11:34

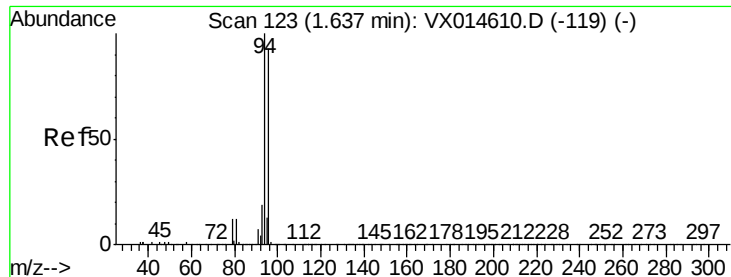
Tgt Ion: 62 Resp: 346978

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 49.245 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 201849

Ion Ratio Lower Upper

94 100

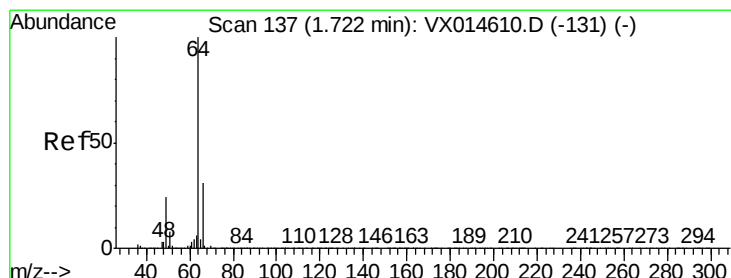
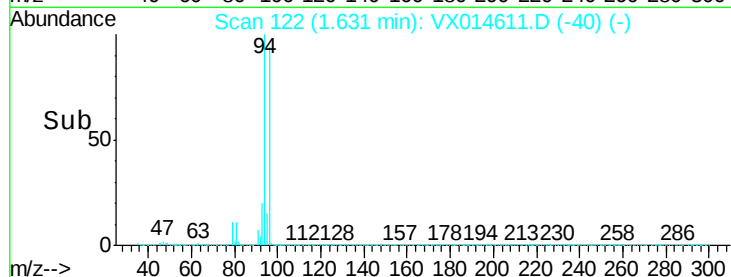
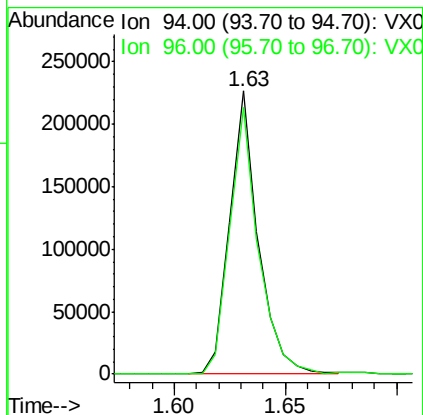
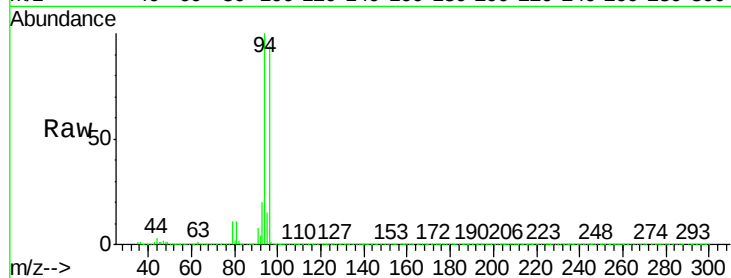
96 94.4 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 54.223 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014611.D

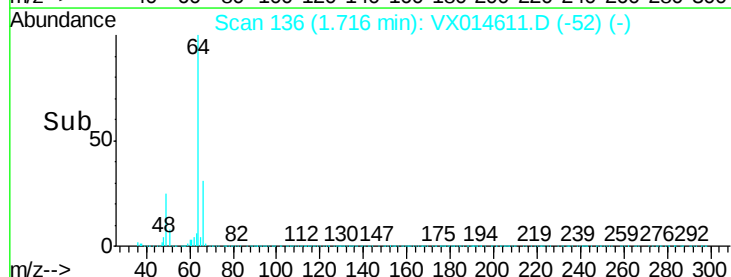
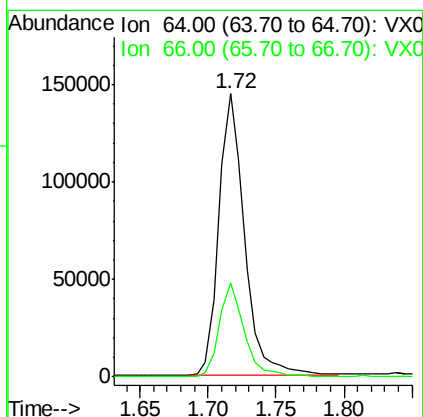
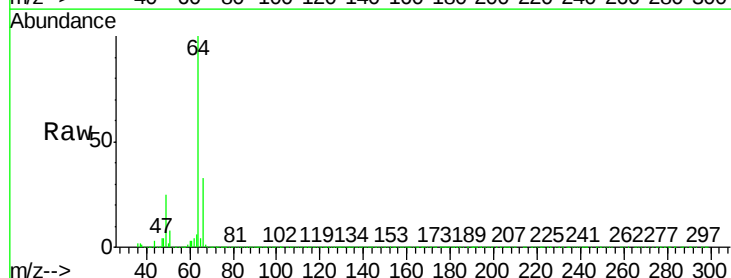
Acq: 15 Jan 2020 11:34

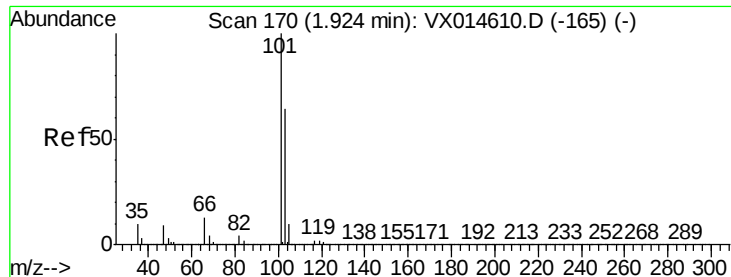
Tgt Ion: 64 Resp: 187801

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8





#7

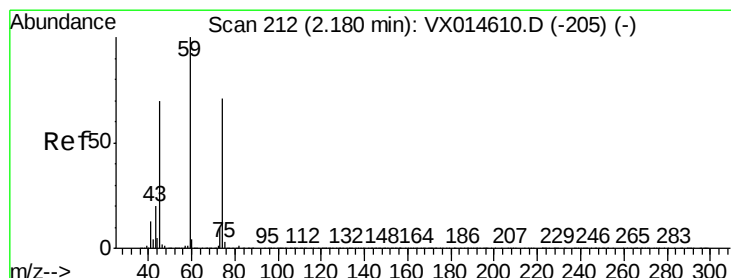
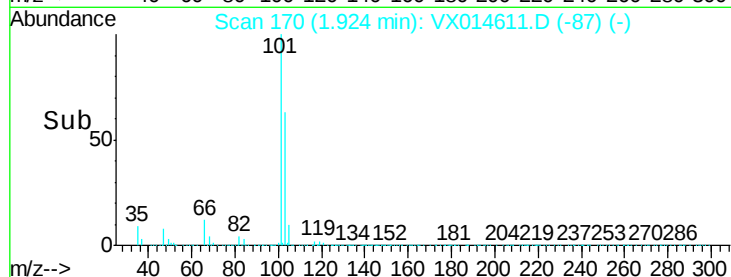
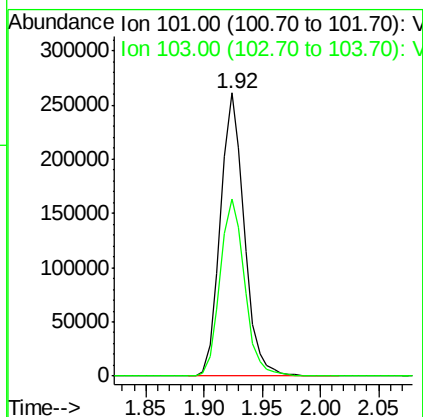
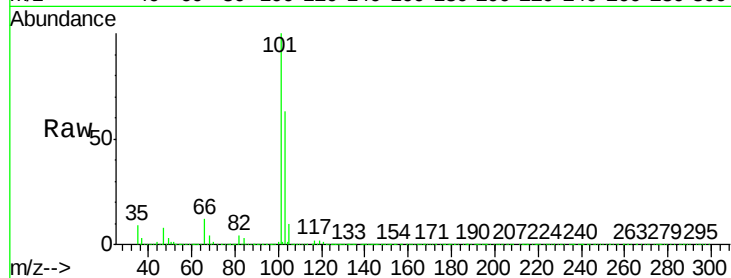
Trichlorofluoromethane
Concen: 52.753 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.6	77.4

Manual Integrations
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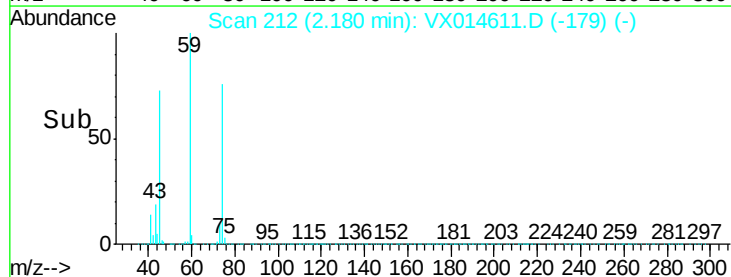
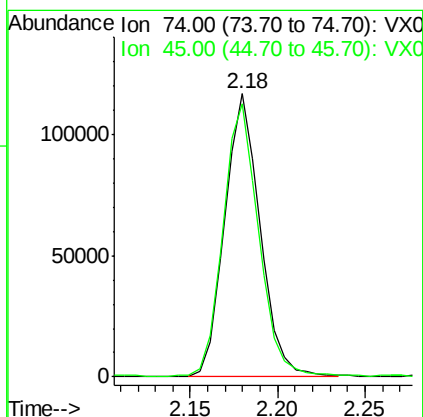
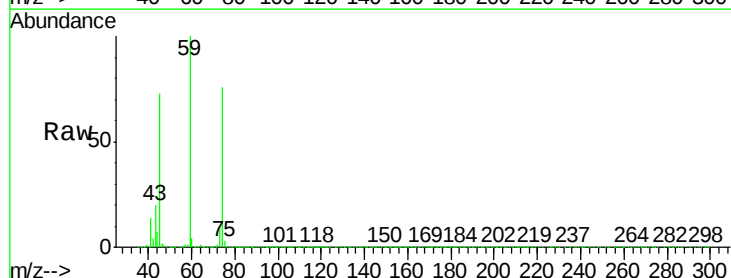
MMDadoda
1/16/2020 9:42:01 AM

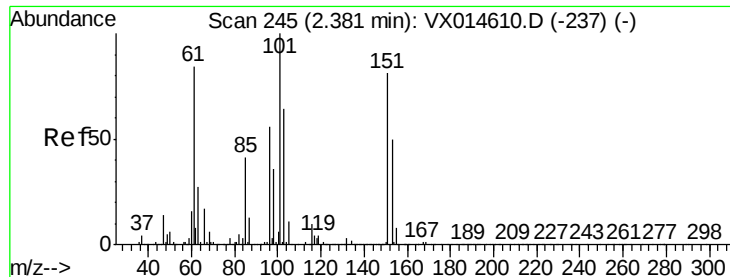


#8

Diethyl Ether
Concen: 50.934 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.009 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

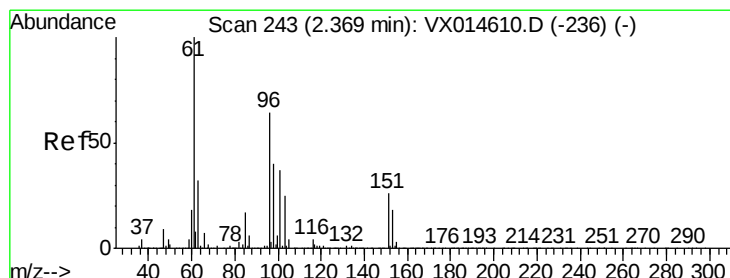
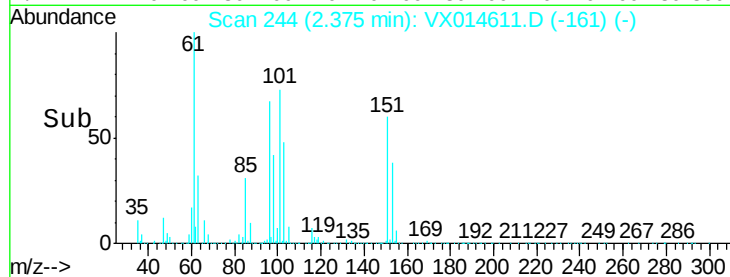
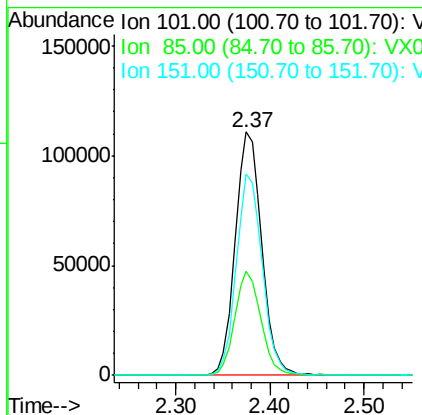
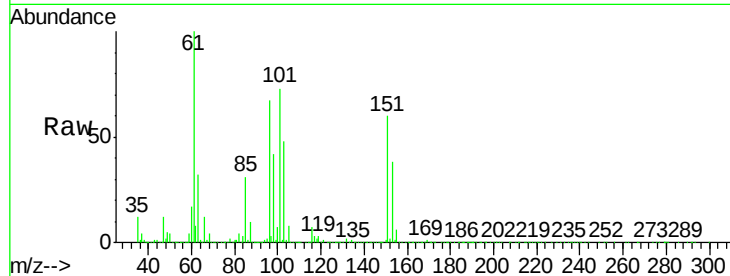
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	216423
Ion Ratio	Lower	Upper	
101	100		
85	42.2	0.0	85.6
151	81.7	0.0	159.4

Manual Integrations
APPROVED

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1/16/2020 9:42:01 AM



#10

1,1-Dichloroethene

Concen: 51.114 ug/l

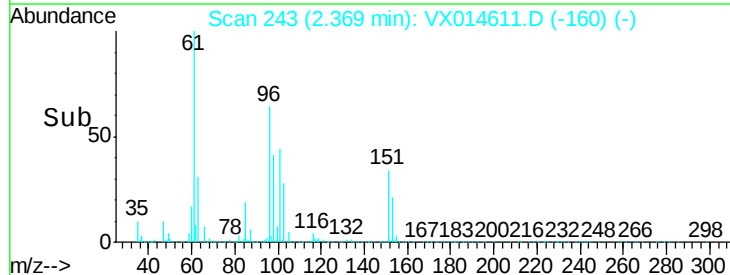
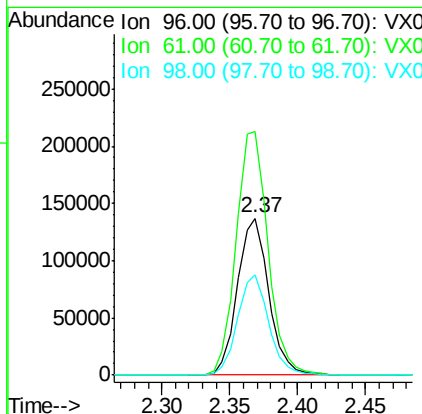
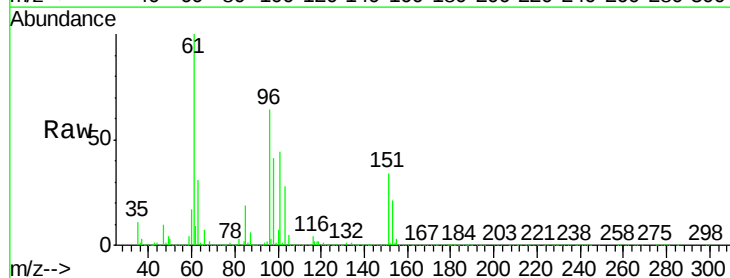
RT: 2.37 min Scan# 243

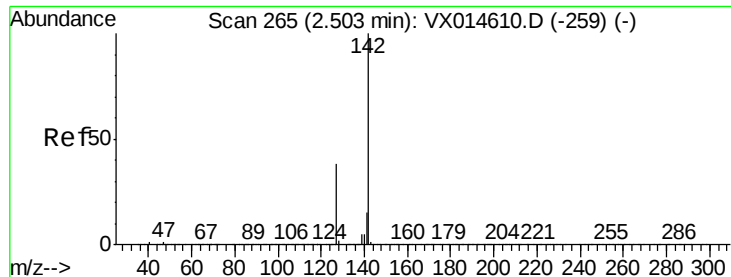
Delta R.T. 0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	96	Resp:	219901
Ion Ratio	Lower	Upper	
96	100		
61	155.3	123.0	184.6
98	63.8	51.4	77.0





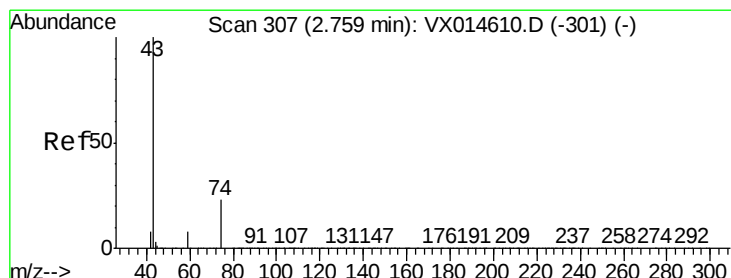
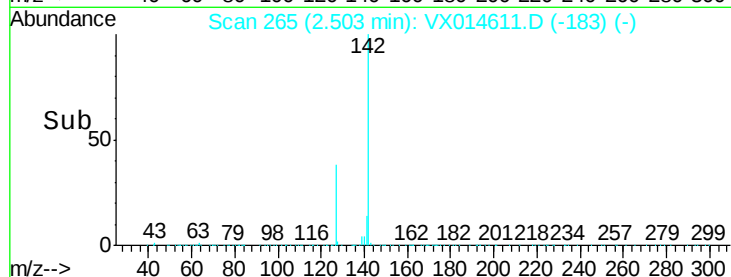
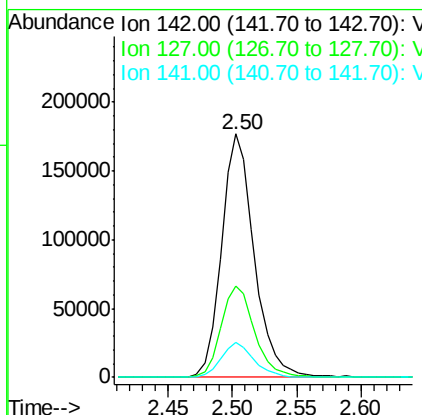
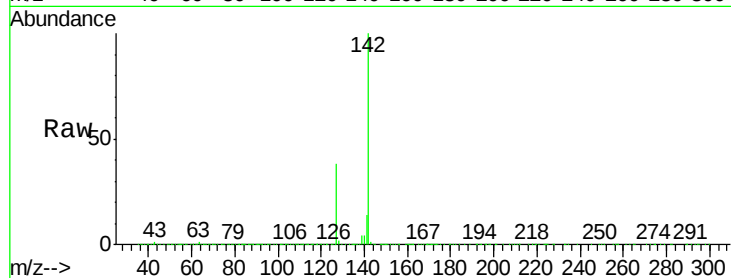
#11
Methvl Iodide
Concen: 56.121 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.5	19.5	58.5
141	14.2	7.0	20.9

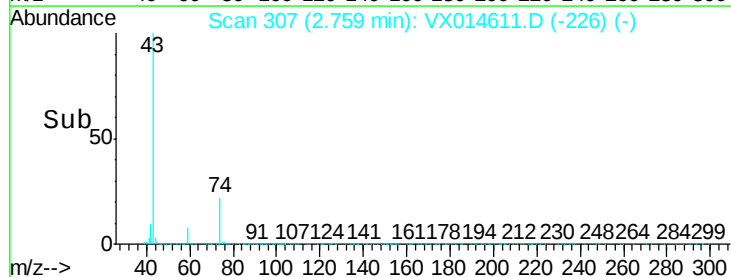
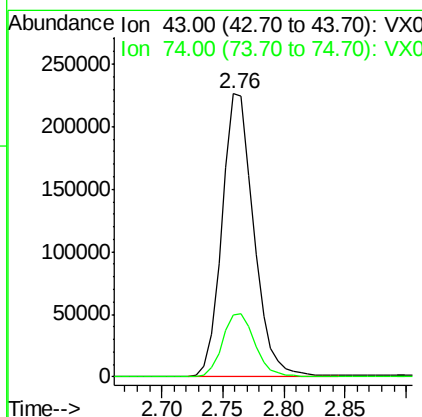
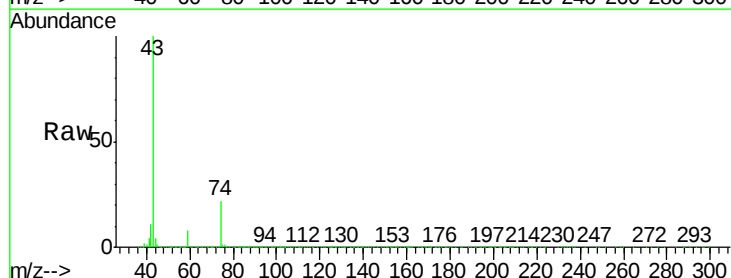
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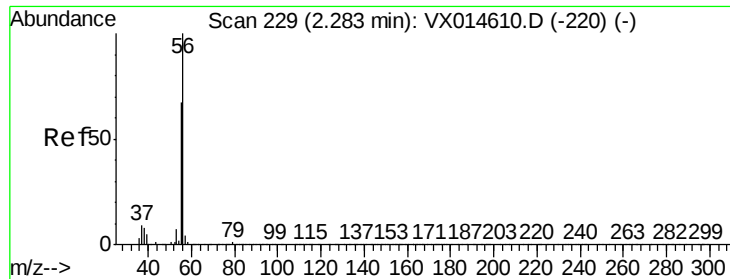
MMDadoda
1/16/2020 9:42:01 AM



#12
Methyl Acetate
Concen: 60.741 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.5	27.7





#13

Acrolein

Concen: 244.976 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 197888

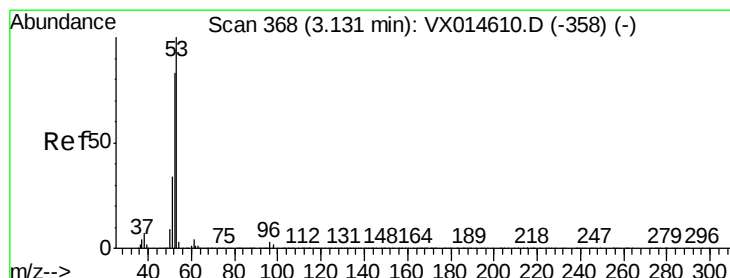
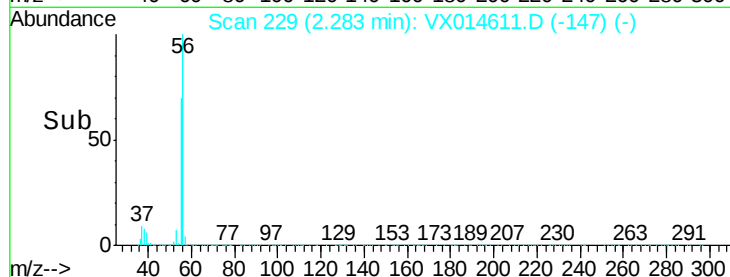
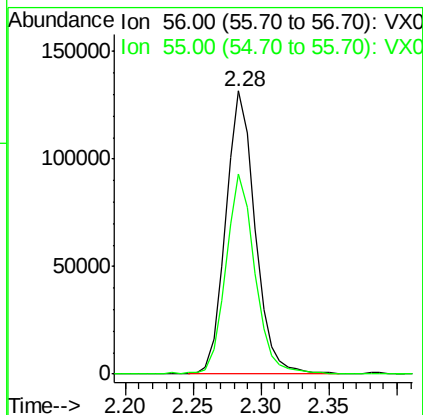
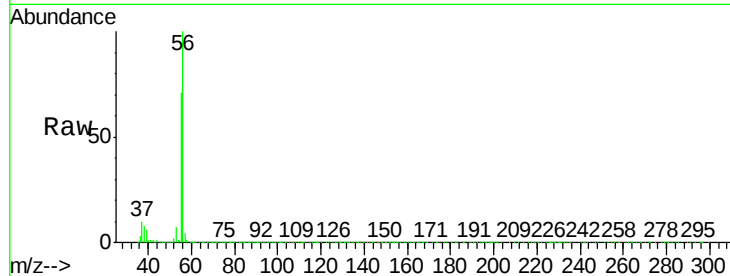
Ion Ratio Lower Upper

56 100

55 68.9 54.9 82.3

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#14

Acrylonitrile

Concen: 261.805 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

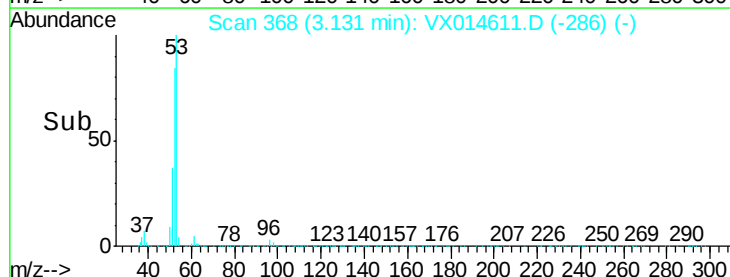
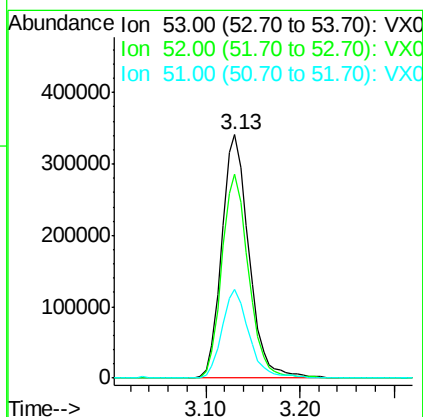
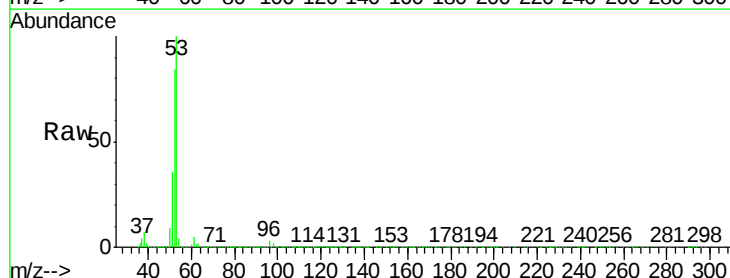
Tgt Ion: 53 Resp: 681641

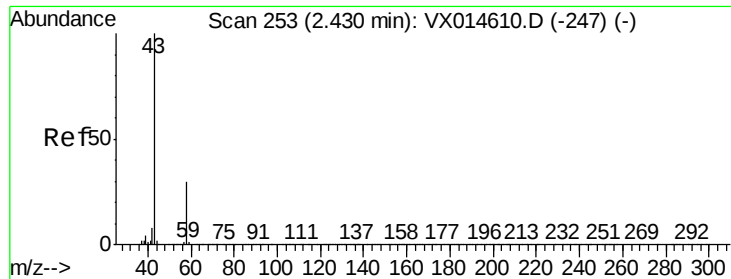
Ion Ratio Lower Upper

53 100

52 82.5 41.5 124.6

51 36.0 17.8 53.5





#15

Acetone

Concen: 311.289 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 238089

Ion Ratio Lower Upper

58 100

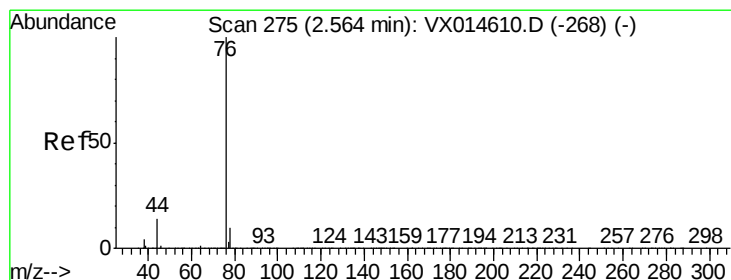
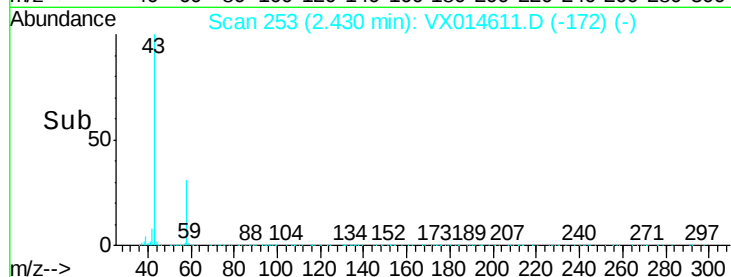
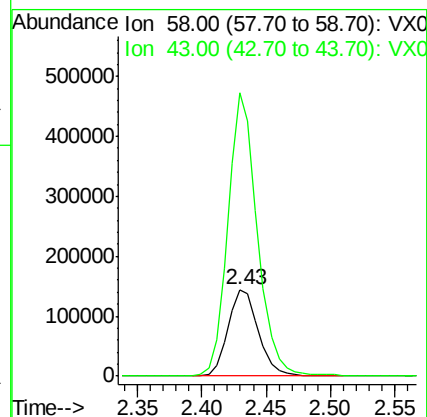
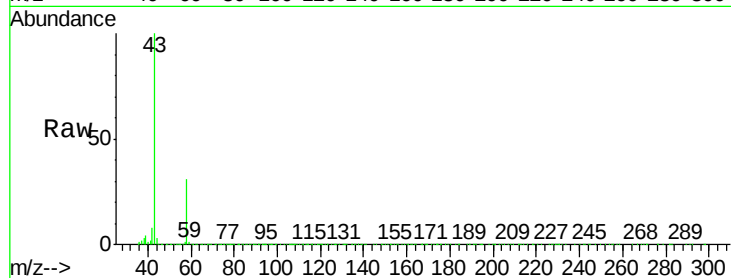
43 327.8 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 52.303 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014611.D

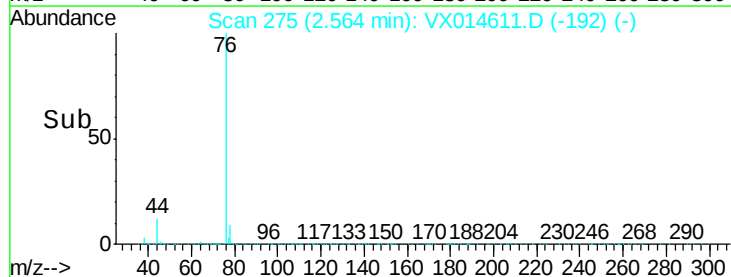
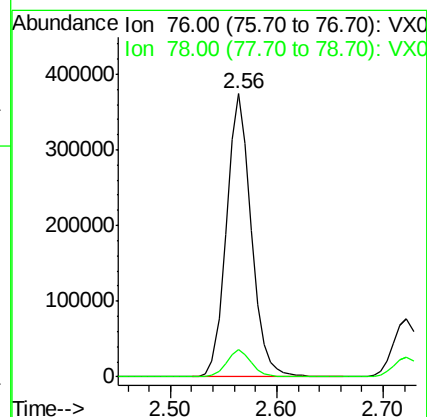
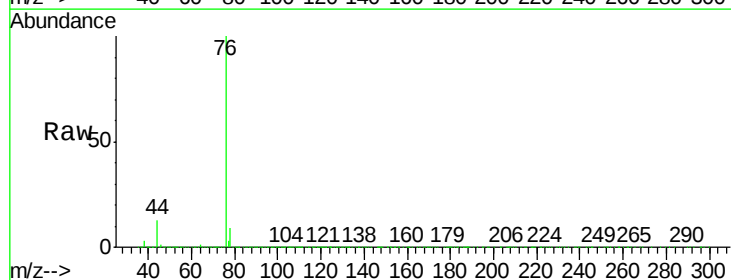
Acq: 15 Jan 2020 11:34

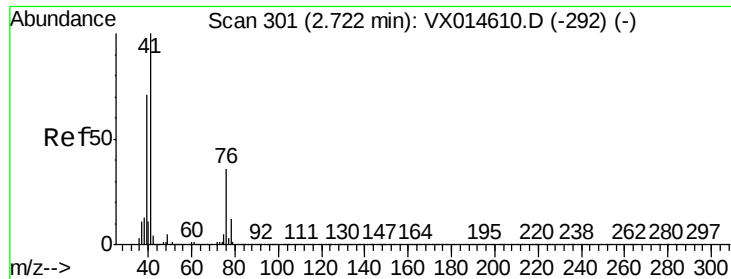
Tgt Ion: 76 Resp: 609565

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.8





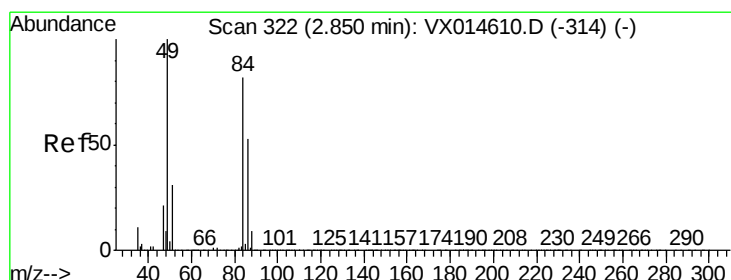
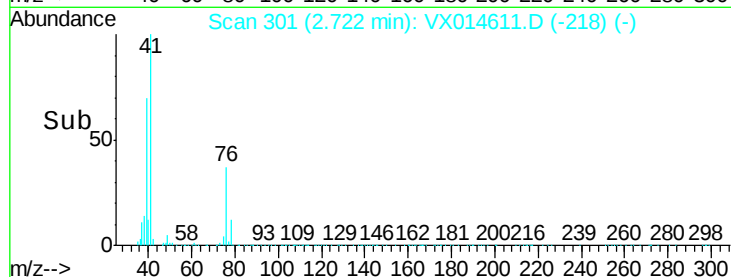
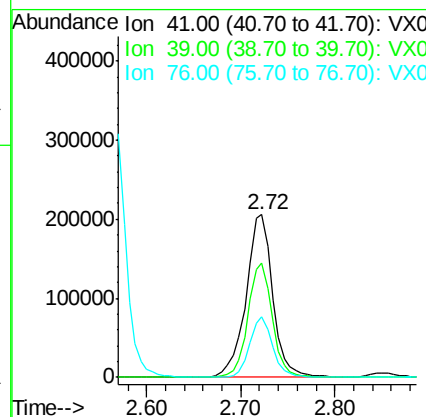
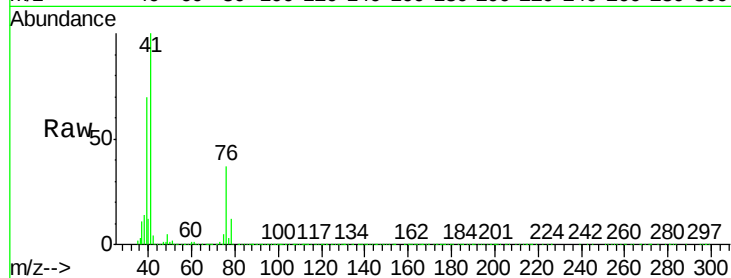
#17
Allvl chloride
Concen: 52.615 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
41	100	406751		
39	70.2	33.4	100.2	
76	36.9	17.0	50.9	

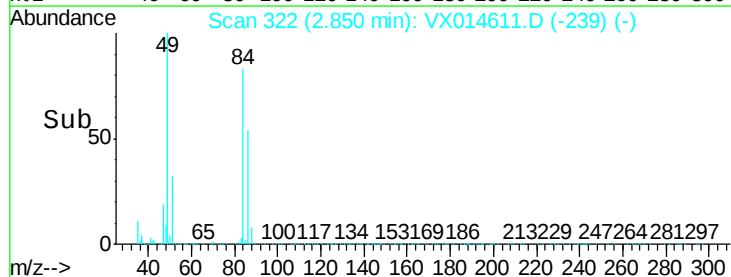
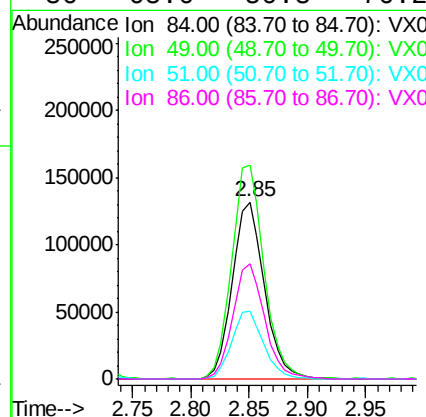
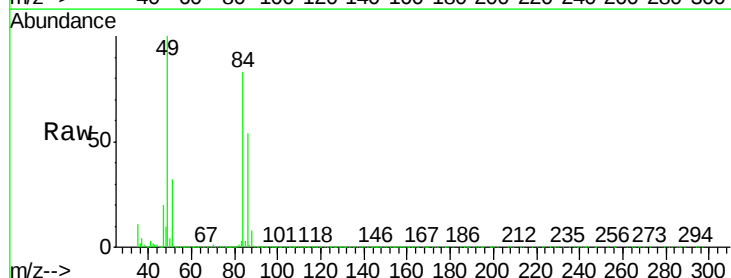
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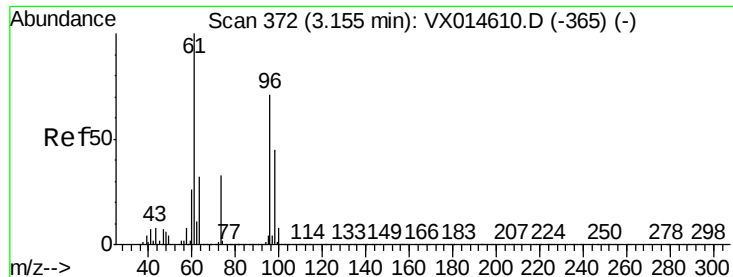
MMDadoda
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#18
Methylene Chloride
Concen: 47.859 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	252290		
49	120.6	102.2	153.2	
51	38.0	31.4	47.0	
86	65.0	50.8	76.2	





#19

trans-1,2-Dichloroethene

Concen: 50.351 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

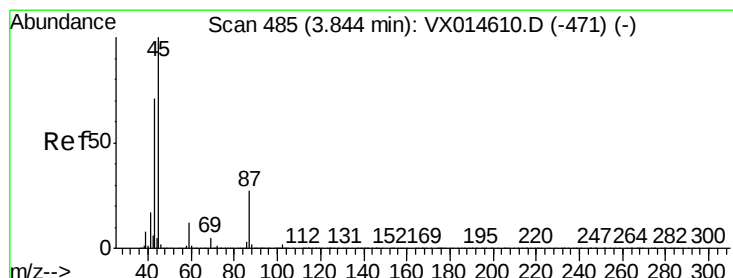
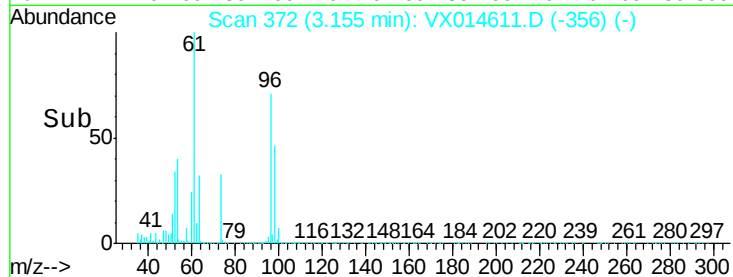
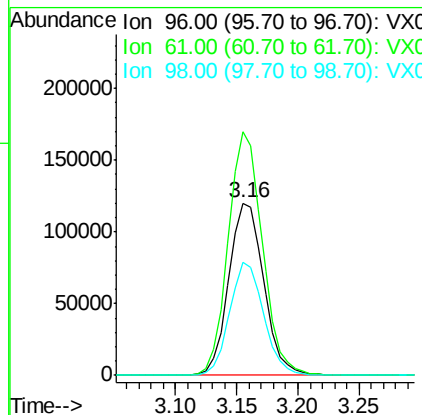
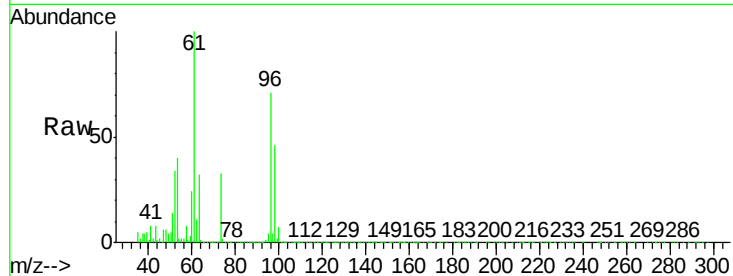
ClientSampleId :

VSTDIC050

Tot Ion:	96	Resp:	237208
Ion Ratio	Lower	Upper	
96	100		
61	141.3	106.6	159.8
98	65.3	51.6	77.4

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#20

Diisopropyl ether

Concen: 50.882 ug/l m

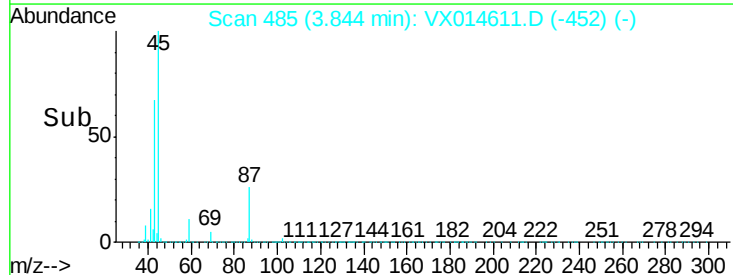
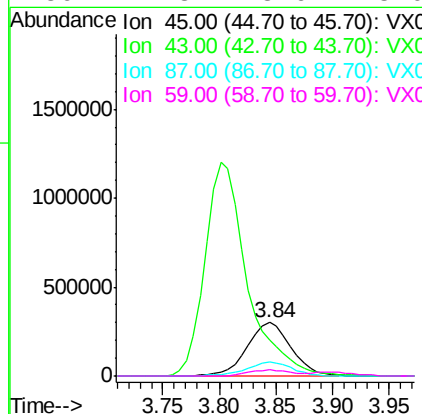
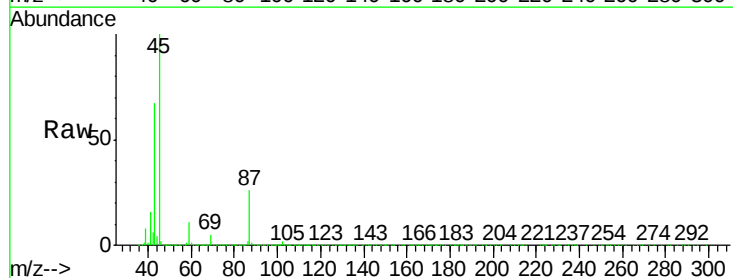
RT: 3.84 min Scan# 485

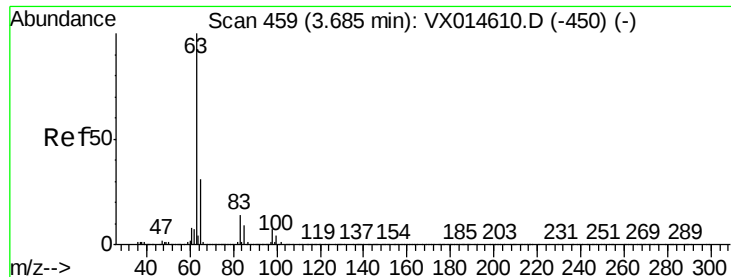
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	45	Resp:	807120
Ion Ratio	Lower	Upper	
45	100		
43	67.3	55.9	83.9
87	26.2	22.2	33.2
59	11.3	8.6	13.0





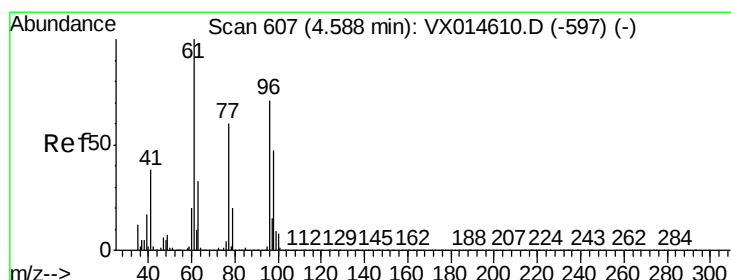
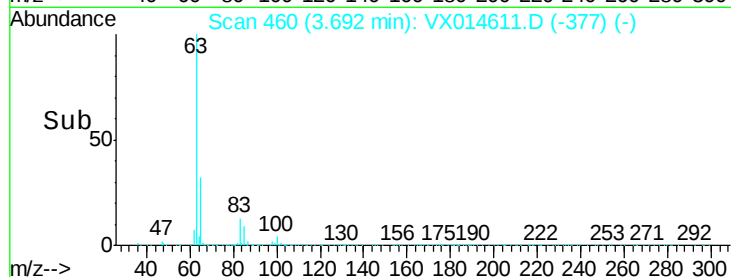
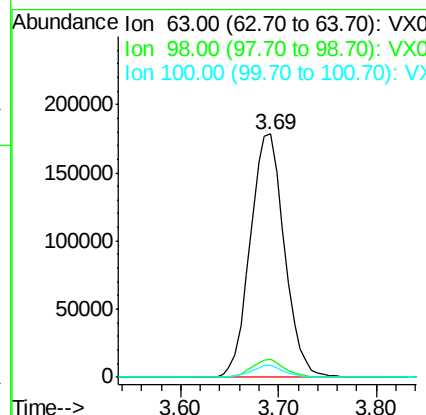
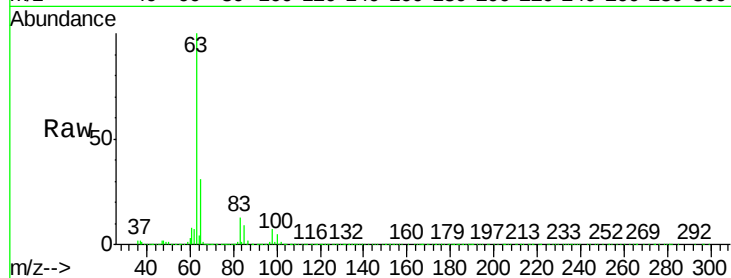
#21
1,1-Dichloroethane
Concen: 50.253 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	432638		
98	7.3	3.4	10.1	
100	4.8	2.5	7.4	

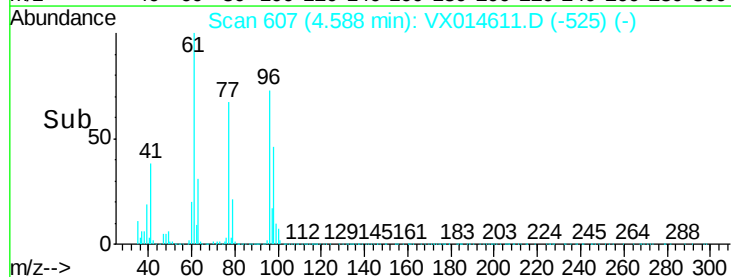
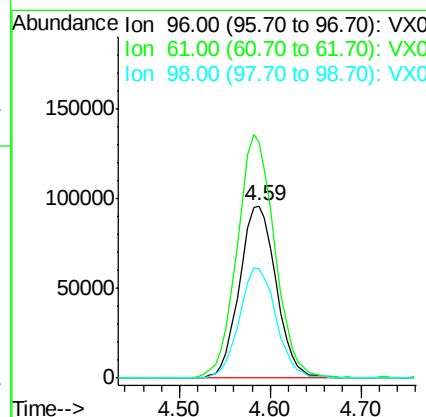
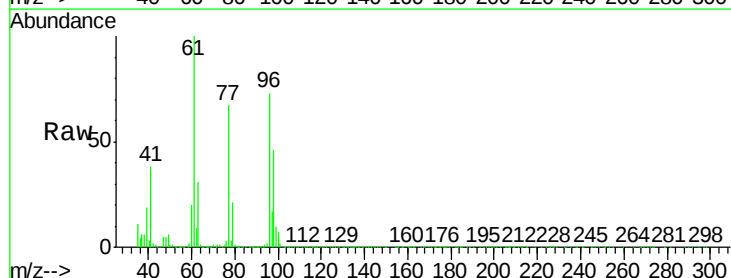
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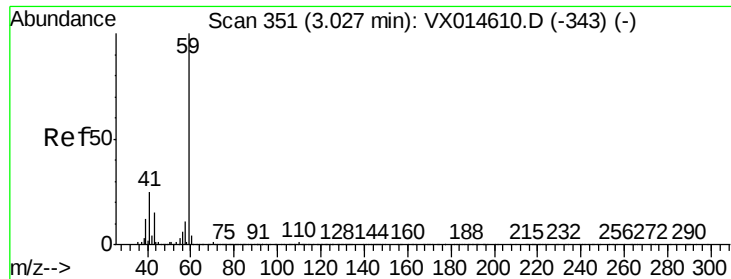
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 49.084 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	268059		
61	144.8	112.4	168.6	
98	63.9	50.3	75.5	





#23

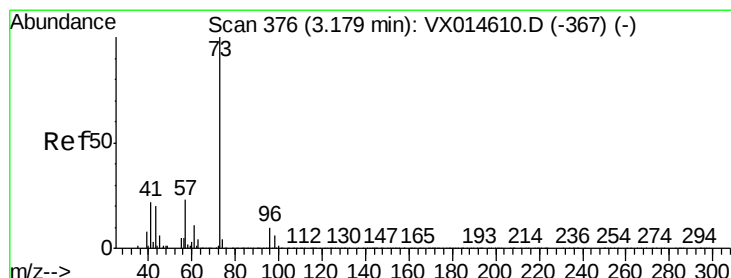
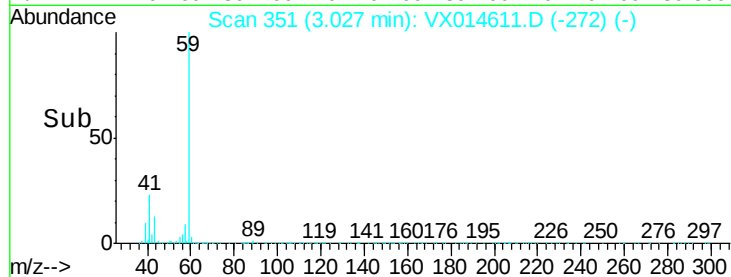
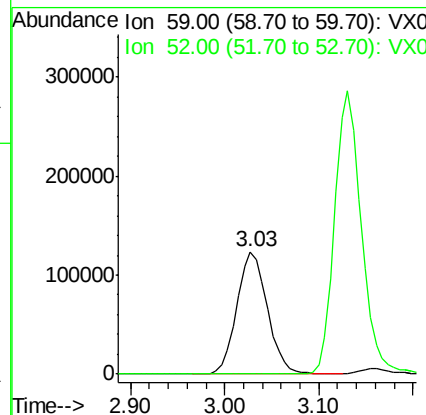
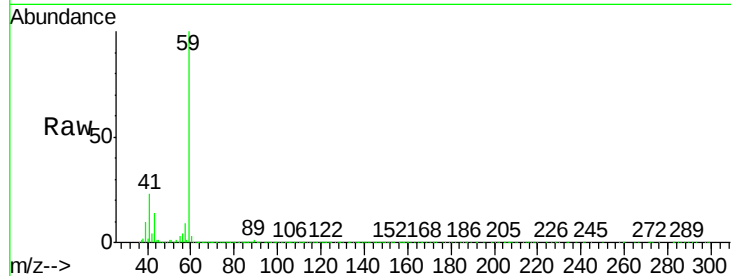
tert-Butyl Alcohol
Concen: 272.761 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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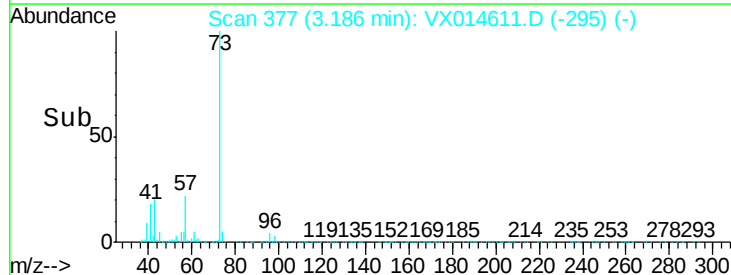
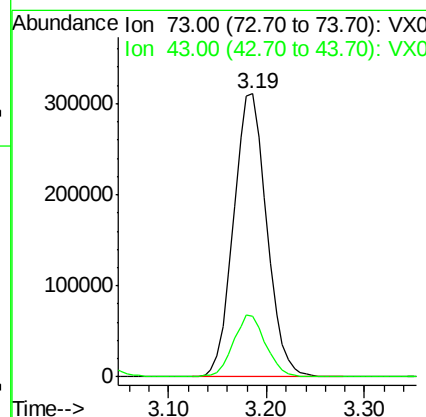
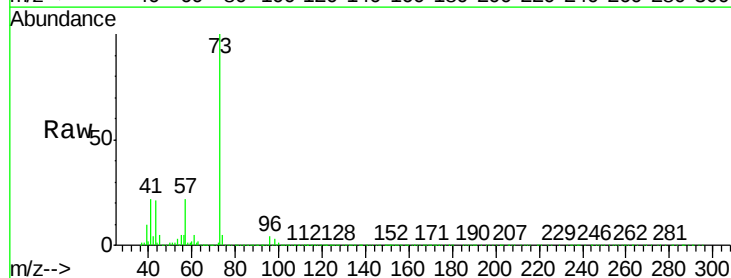
MMDadoda
1/16/2020 9:42:01 AM

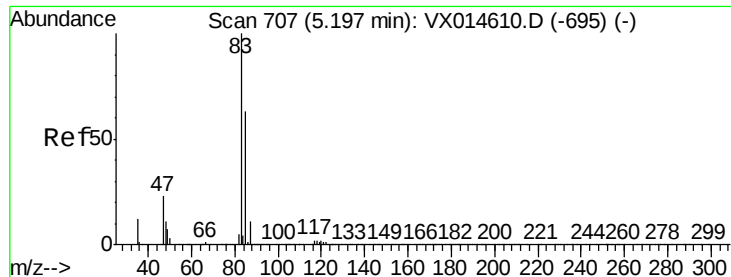


#24

Methyl tert-Butyl Ether
Concen: 50.304 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 50.974 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 418387

Ion Ratio Lower Upper

83 100

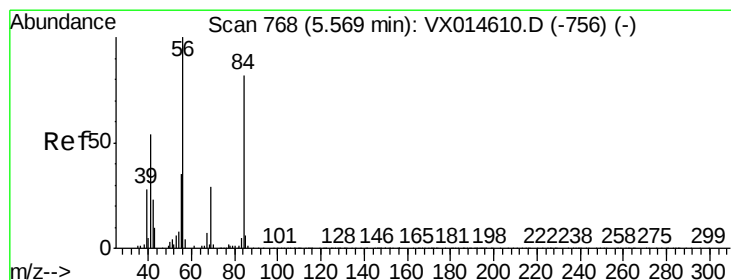
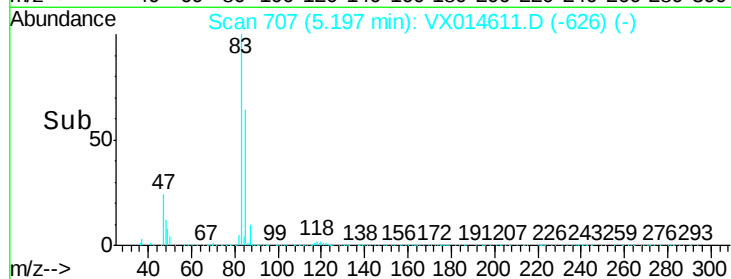
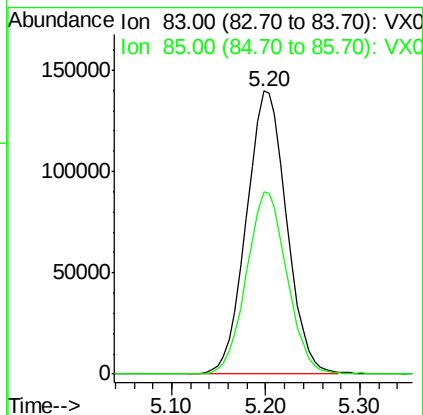
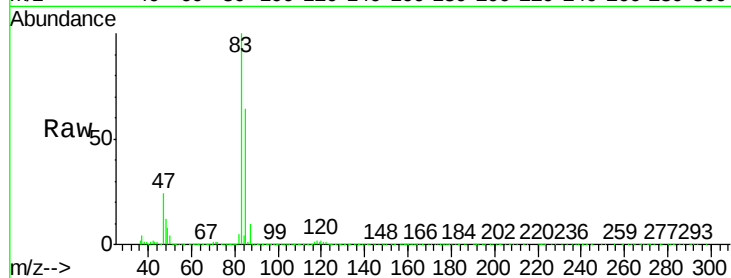
85 64.1 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 52.734 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

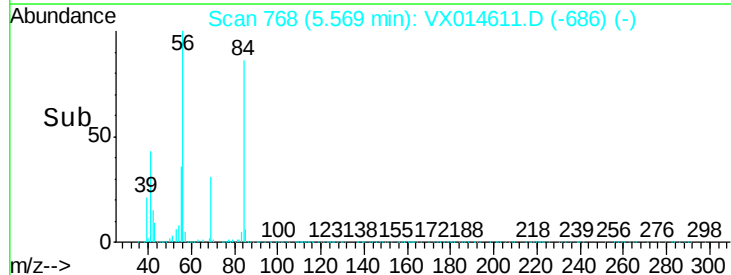
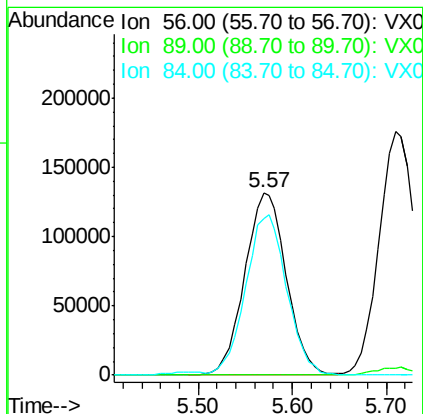
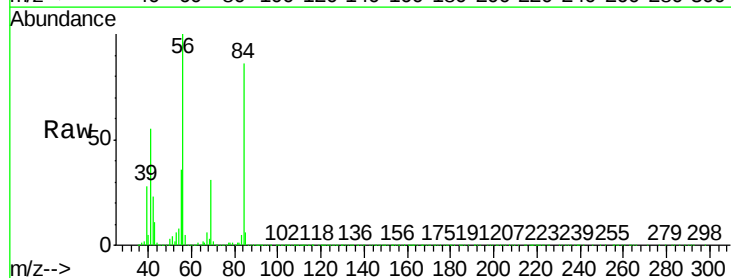
Tgt Ion: 56 Resp: 404824

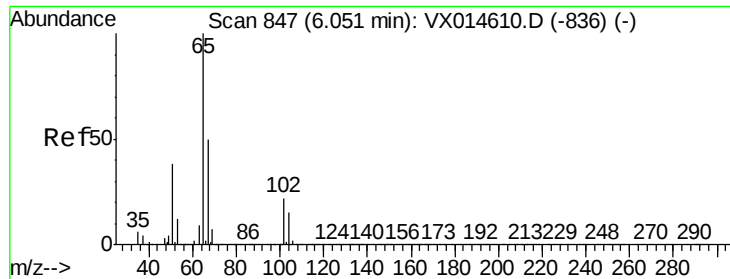
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.2 70.8 106.2





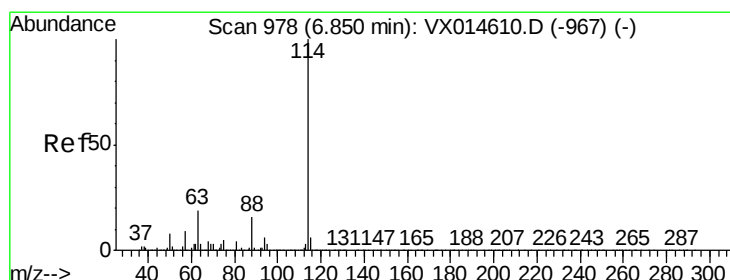
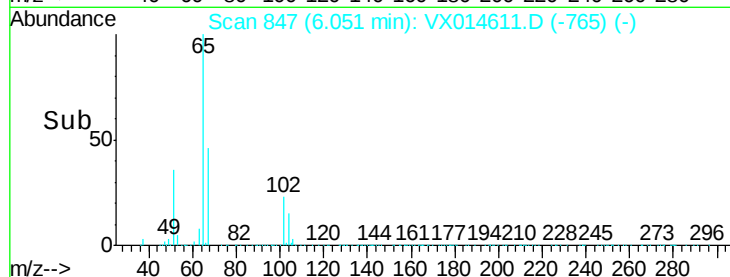
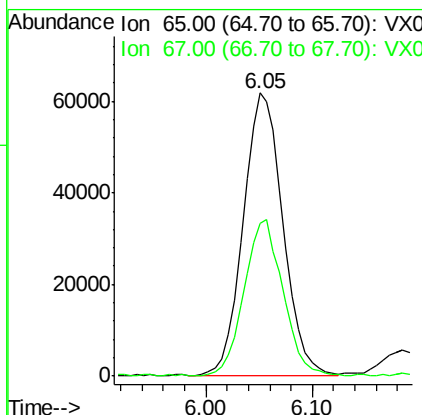
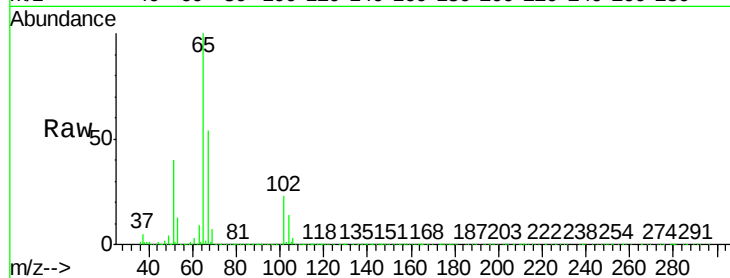
#27
 1,2-Dichloroethane-d4
 Concen: 29.295 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	43.1	64.7

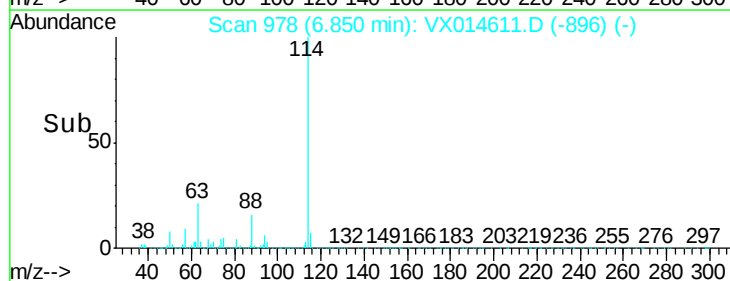
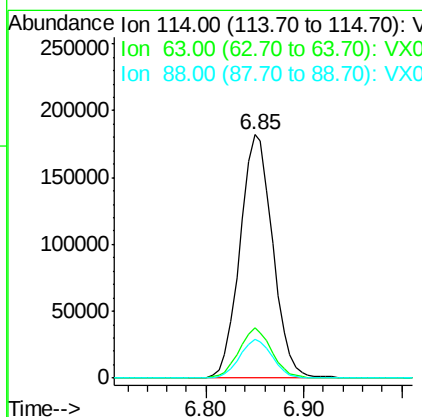
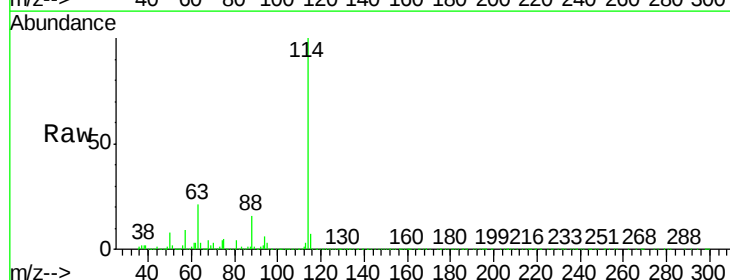
Manual Integrations
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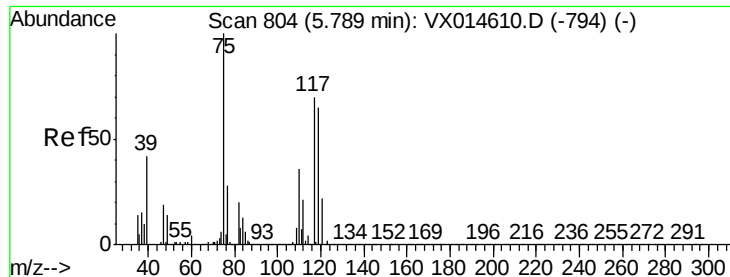
MMDadoda
 1/16/2020 9:42:01 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.1	24.1
88	15.9	12.5	18.7





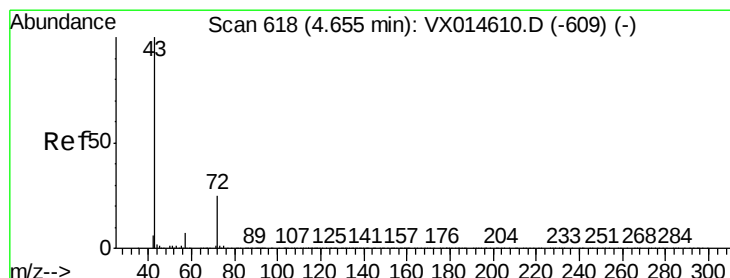
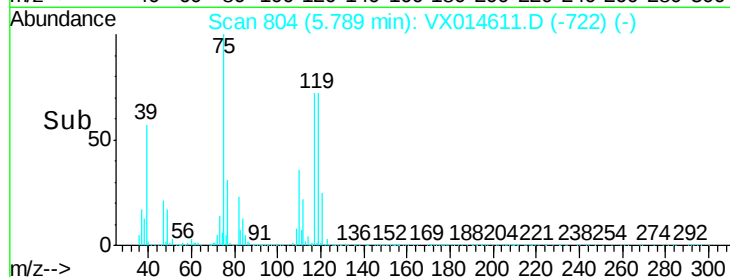
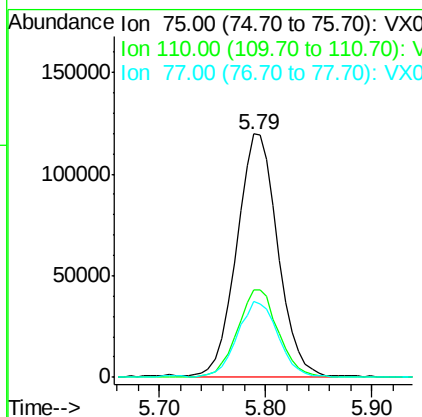
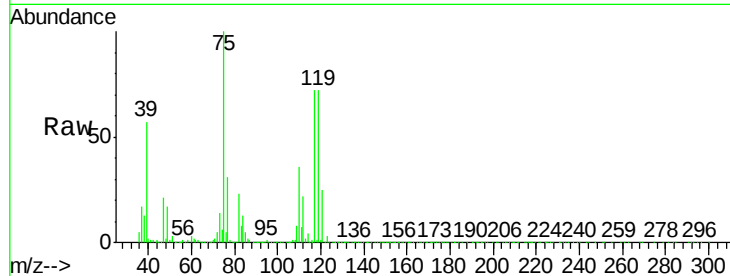
#29
 1,1-Dichloropropene
 Concen: 53.142 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	324491
Ion Ratio	Lower	Upper	
75	100		
110	35.7	0.0	73.8
77	30.8	0.0	62.4

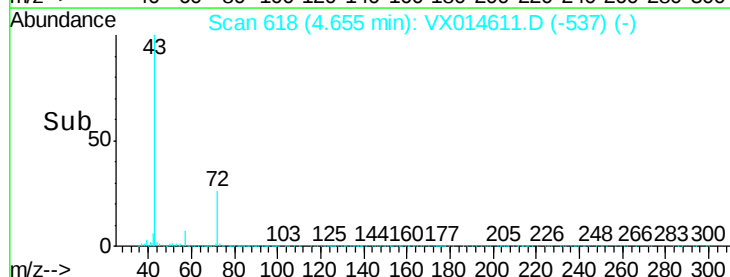
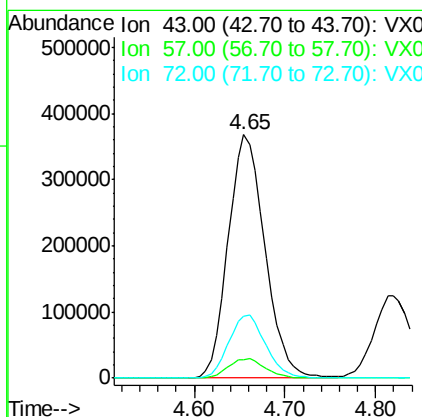
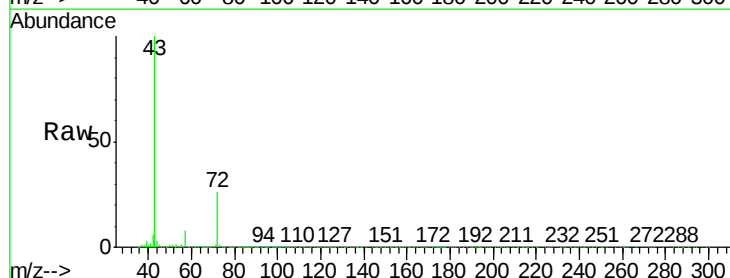
Manual Integrations
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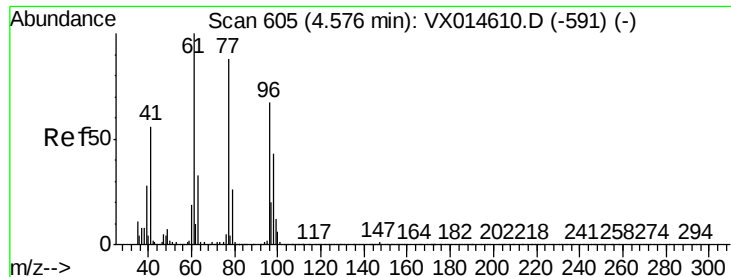
MMDadoda
 1/16/2020 9:42:01 AM



#30
 2-Butanone
 Concen: 286.274 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Tgt Ion:	43	Resp:	1030325
Ion Ratio	Lower	Upper	
43	100		
57	8.1	6.2	9.2
72	26.1	20.3	30.5





#31

2,2-Dichloropropane

Concen: 59.618 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 336736

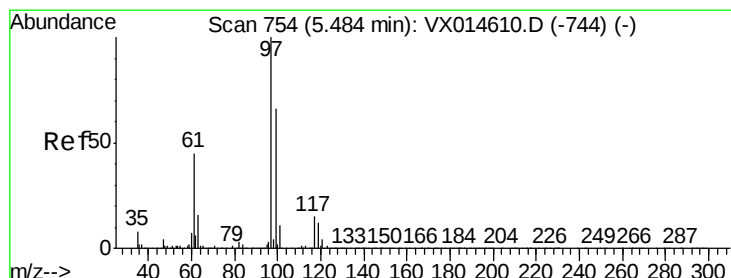
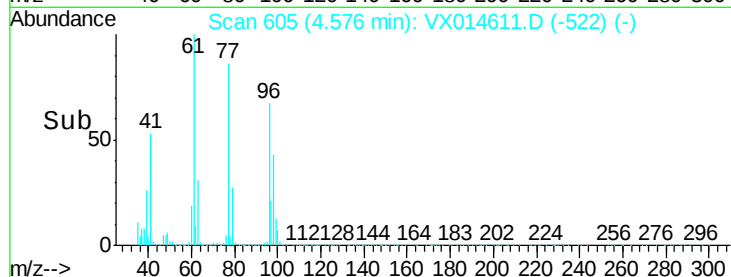
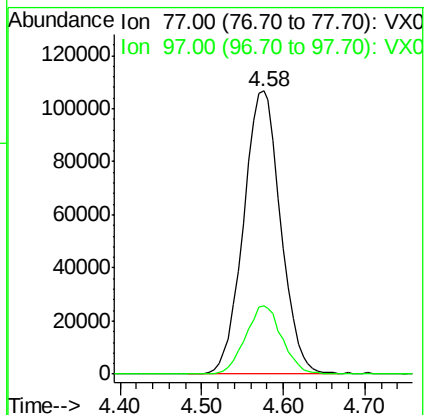
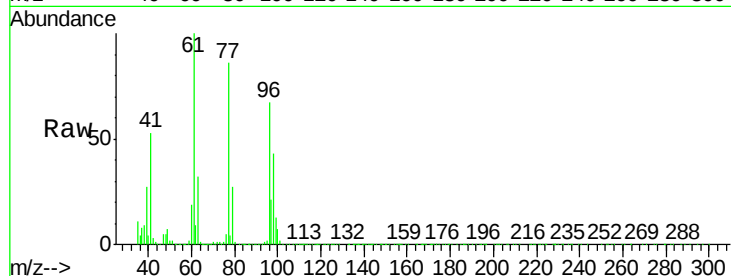
Ion Ratio Lower Upper

77 100

97 23.8 19.7 29.5

Manual Integrations
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MMDadoda
1/16/2020 9:42:01 AM



#32

1,1,1-Trichloroethane

Concen: 52.204 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

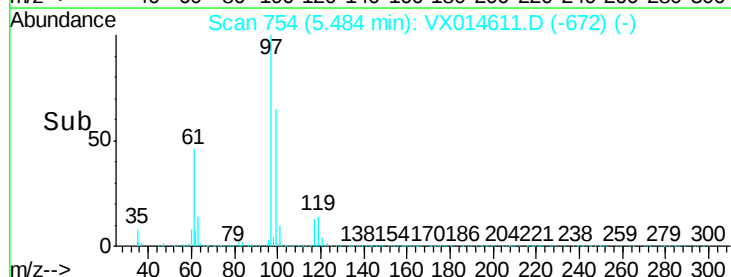
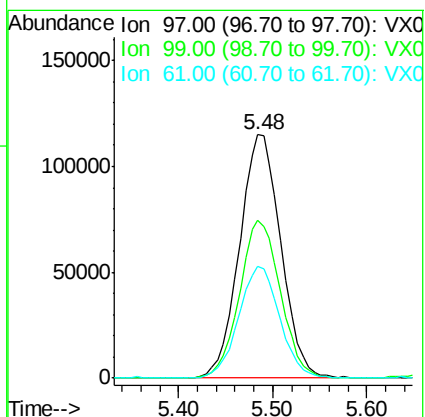
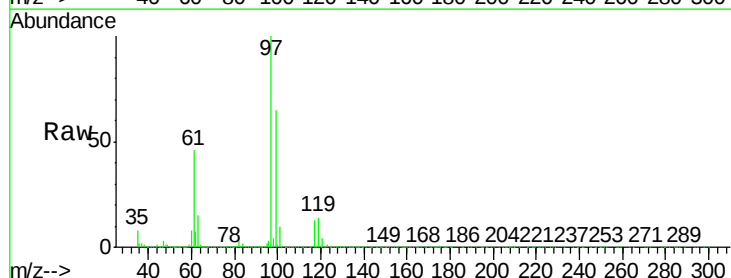
Tgt Ion: 97 Resp: 352579

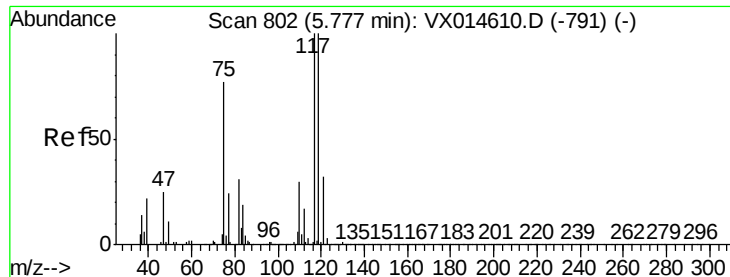
Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 45.2 36.8 55.2





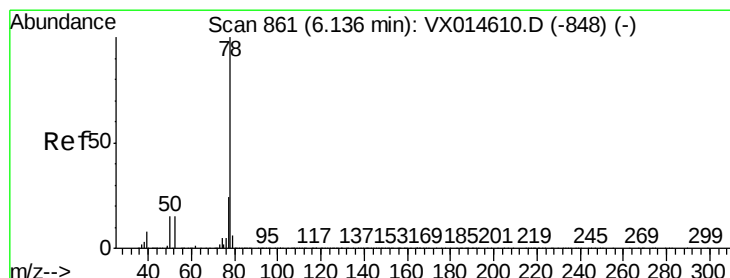
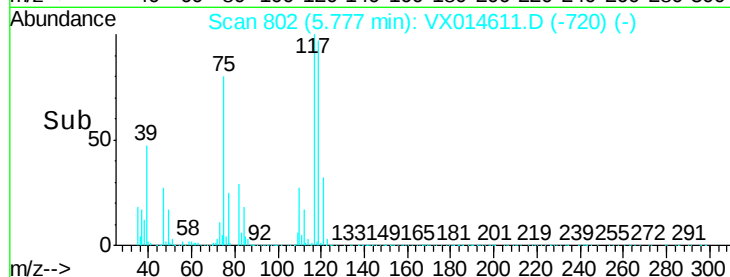
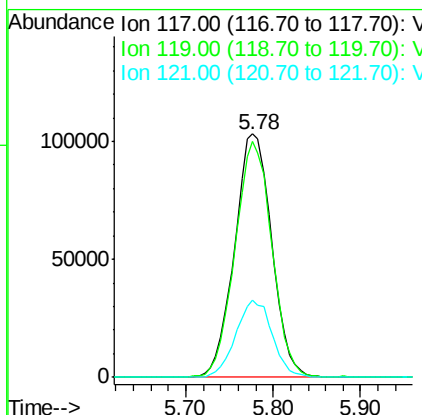
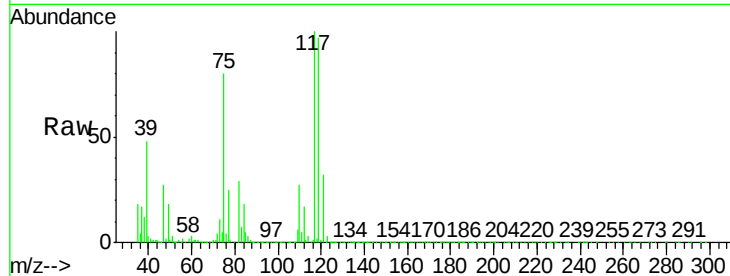
#33
Carbon Tetrachloride
Concen: 52.952 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	31.5	24.8	37.2

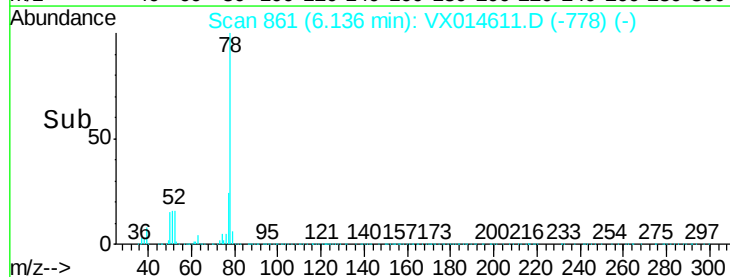
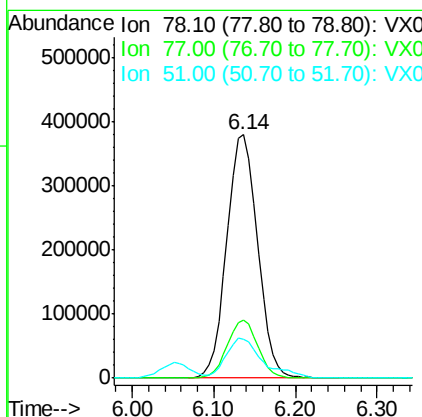
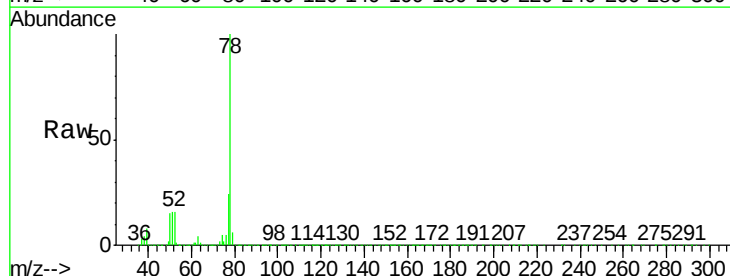
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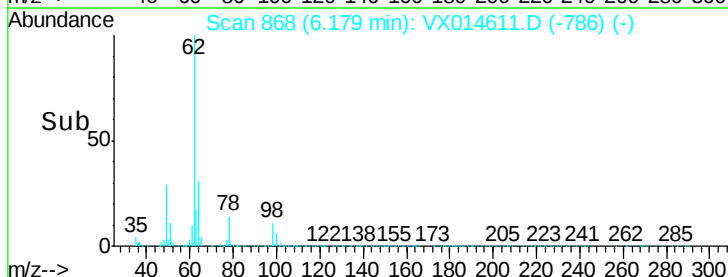
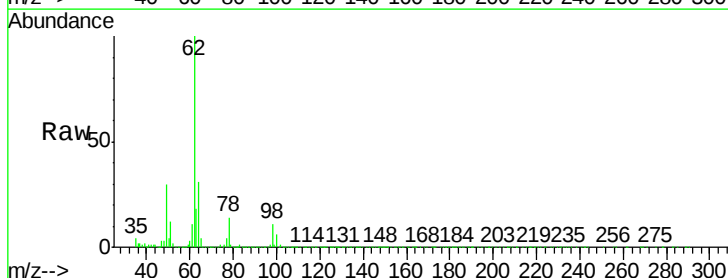
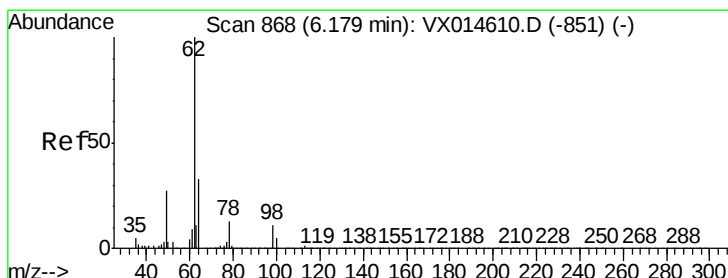
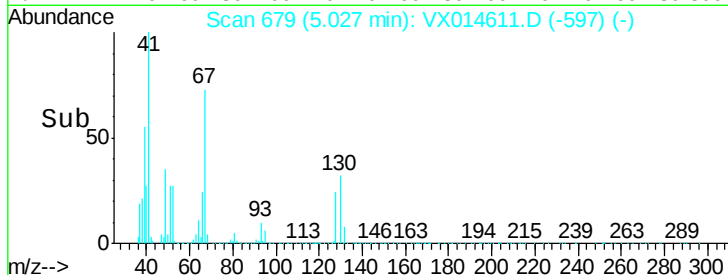
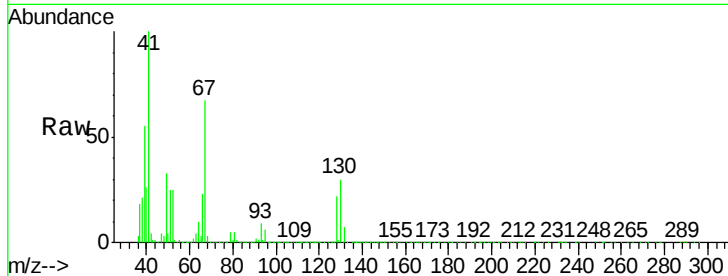
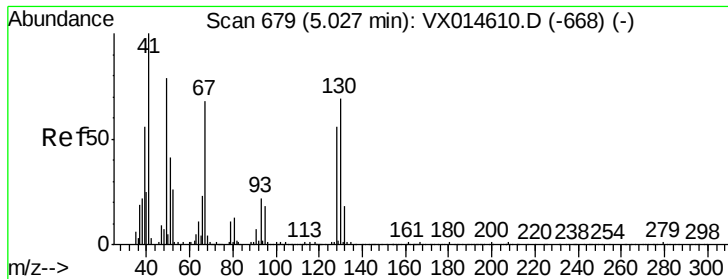
MMDadoda
1/16/2020 9:42:01 AM



#34
Benzene
Concen: 51.975 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

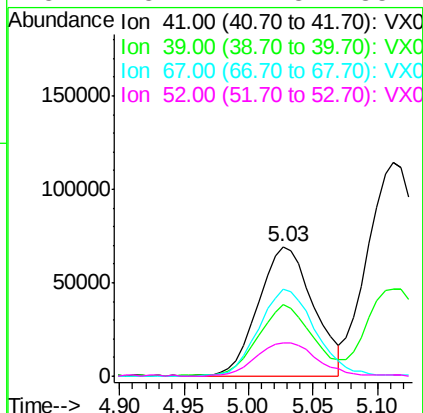
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2
51	15.9	12.4	18.6





#35
Methacrylonitrile
Concen: 52.832 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	26.7	80.1	
67	67.0	31.5	94.5	
52	25.2	12.8	38.4	



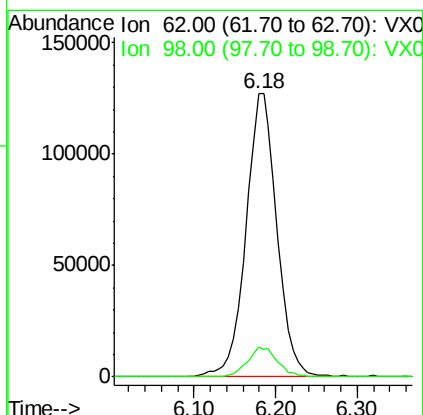
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

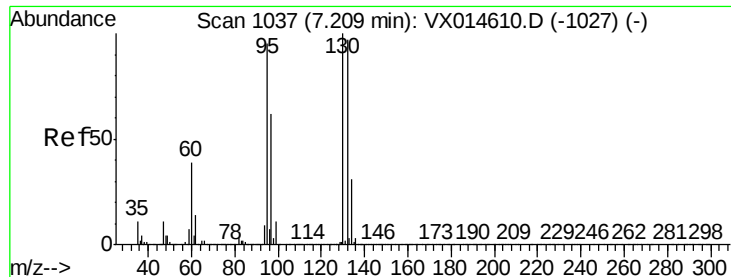
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#36
1,2-Dichloroethane
Concen: 50.419 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	8.4	12.6	





#37

Trichloroethene

Concen: 51.836 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 268552

Ion Ratio Lower Upper

130 100

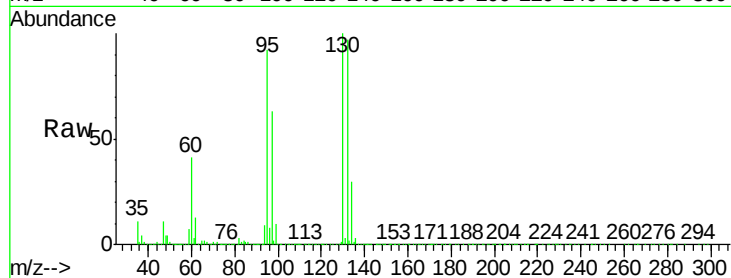
95 91.5 71.7 107.5

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

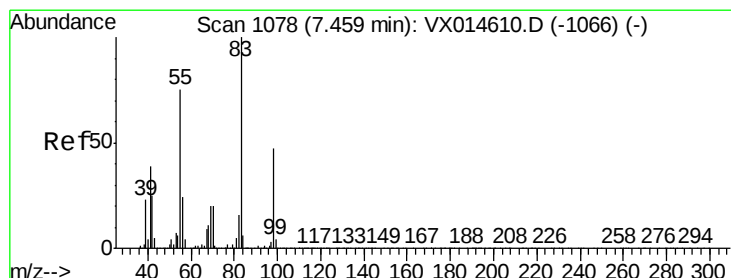
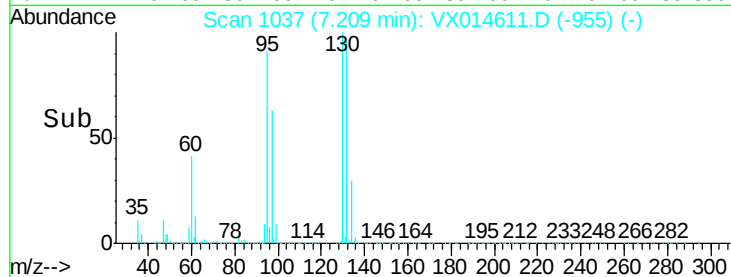
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 55.722 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

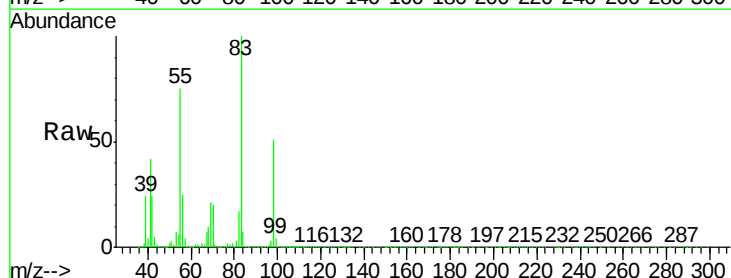
Tgt Ion: 83 Resp: 405857

Ion Ratio Lower Upper

83 100

55 76.8 39.4 118.1

98 50.0 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

250000

200000

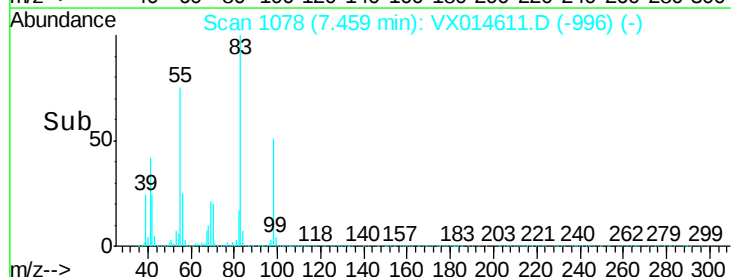
150000

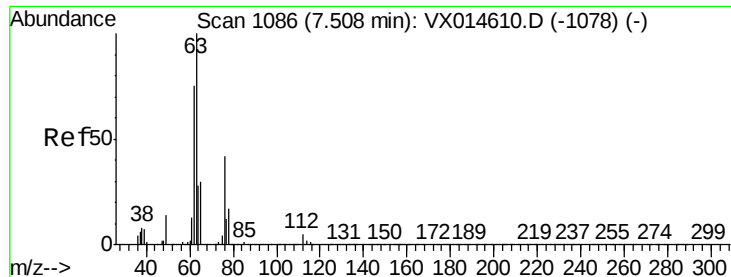
100000

50000

0

Time-->





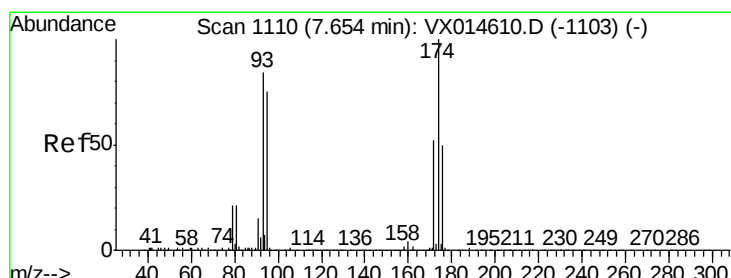
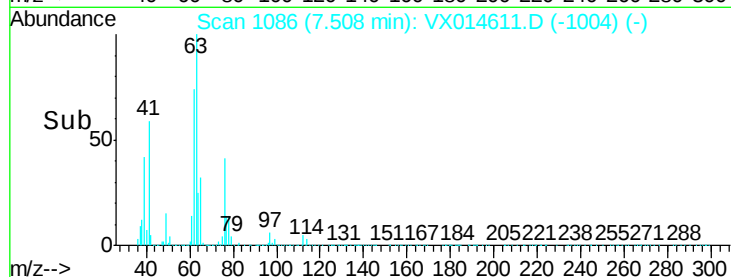
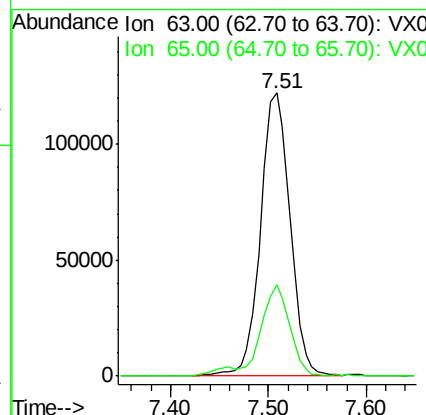
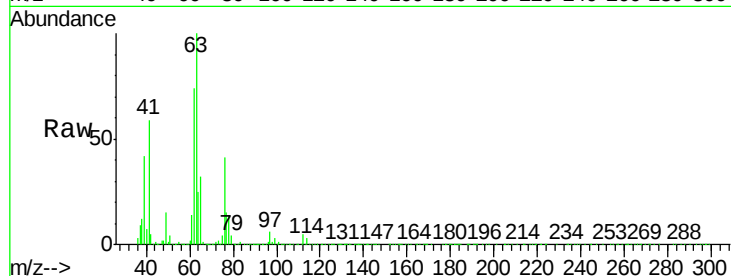
#39
 1,2-Dichloropropane
 Concen: 51.725 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.1	33.1

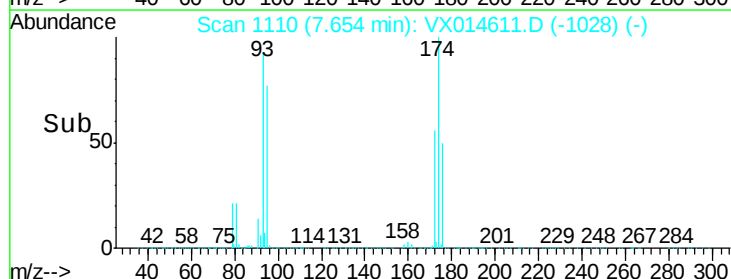
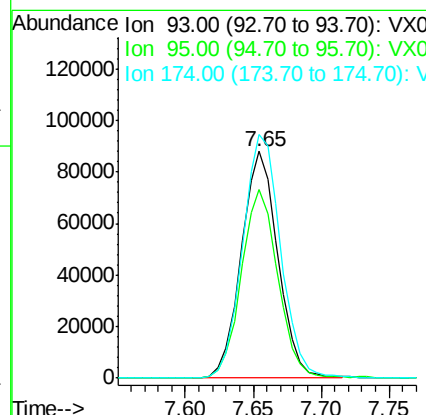
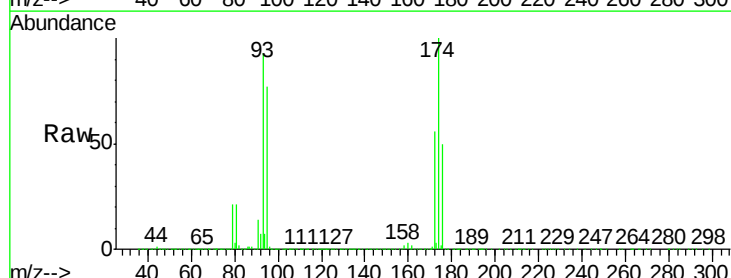
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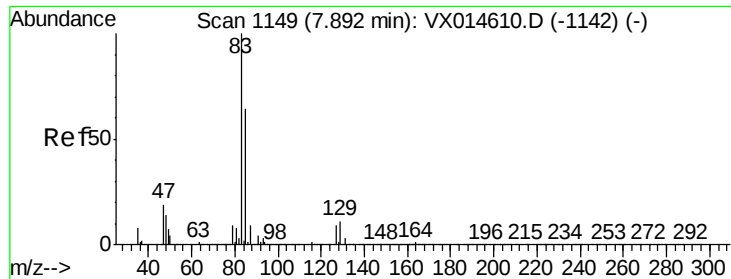
MMDadoda
 1/16/2020 9:42:01 AM



#40
 Dibromomethane
 Concen: 52.130 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	0.0	164.4
174	111.9	0.0	228.8





#41

Bromodichloromethane

Concen: 52.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

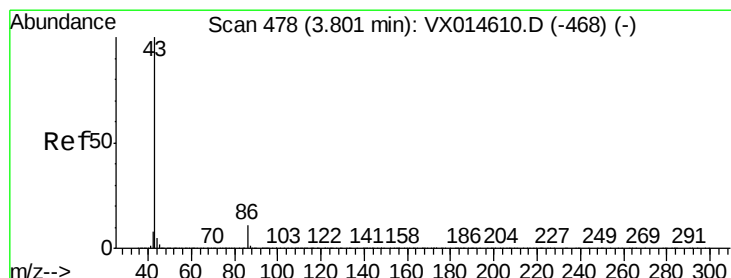
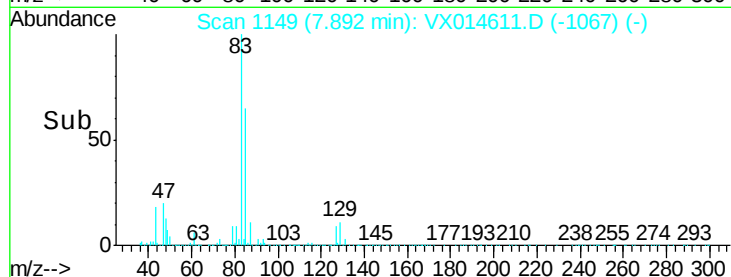
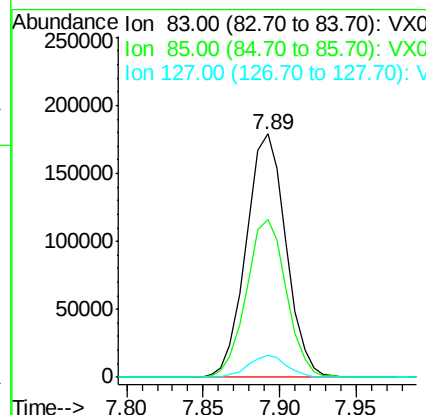
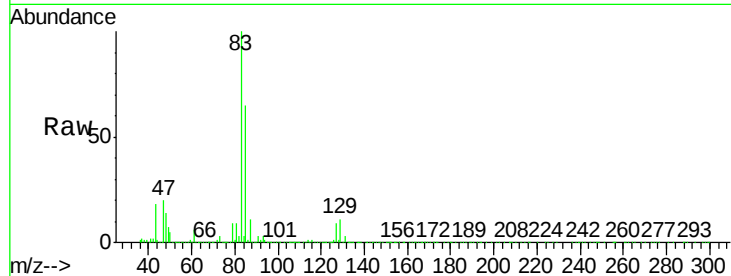
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	323834
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.6	77.4
127	9.2	6.0	9.0#

Manual Integrations
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1/16/2020 9:42:01 AM



#42

Vinyl Acetate

Concen: 245.294 ug/l

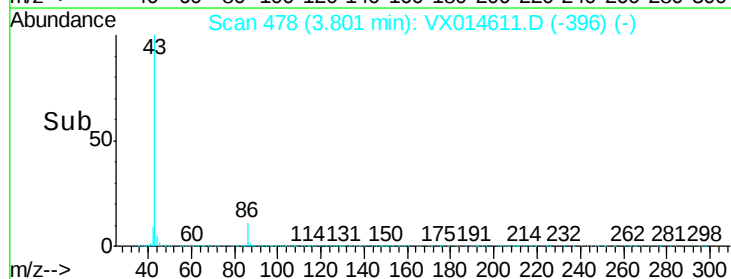
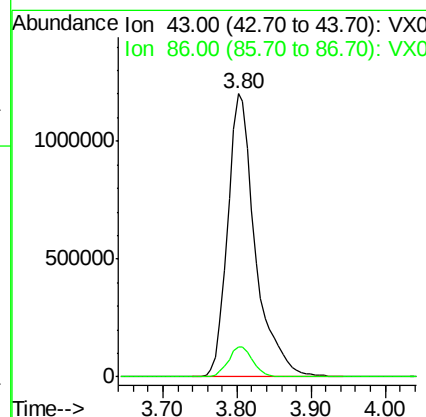
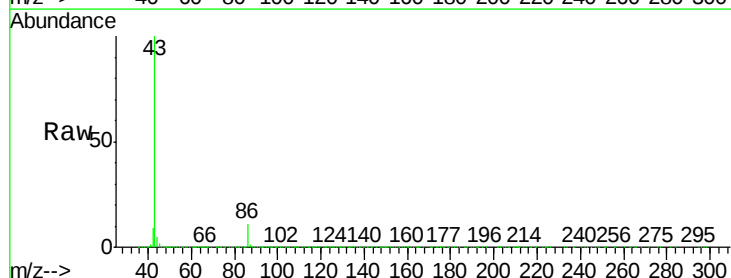
RT: 3.80 min Scan# 478

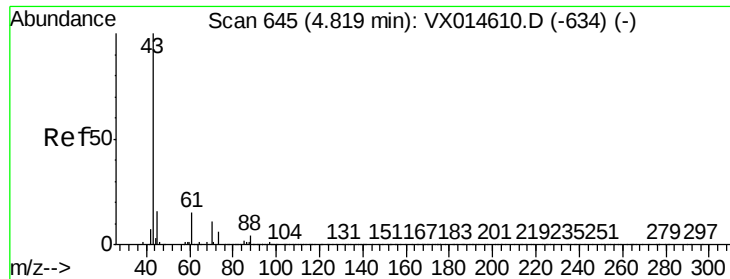
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	43	Resp:	3116906
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





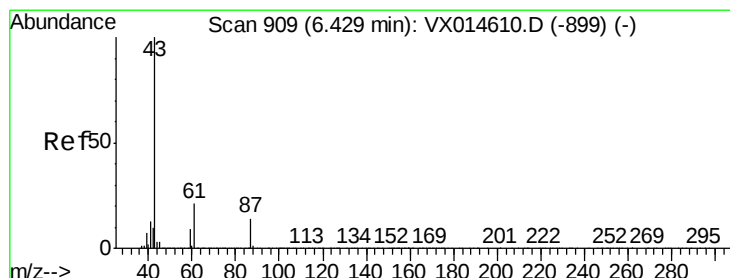
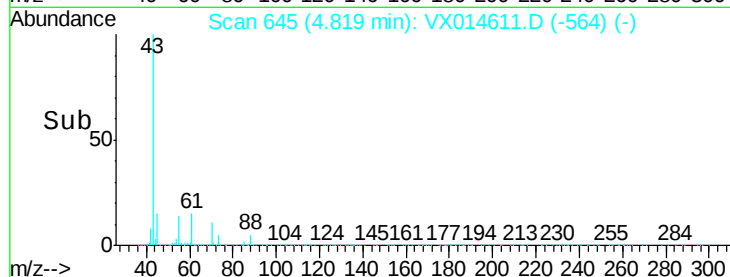
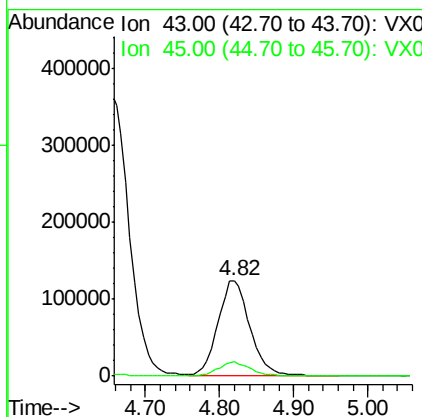
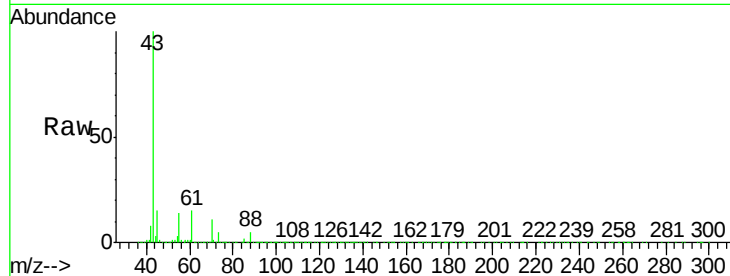
#43
Ethyl Acetate
Concen: 53.398 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	14.7	11.8	17.8	

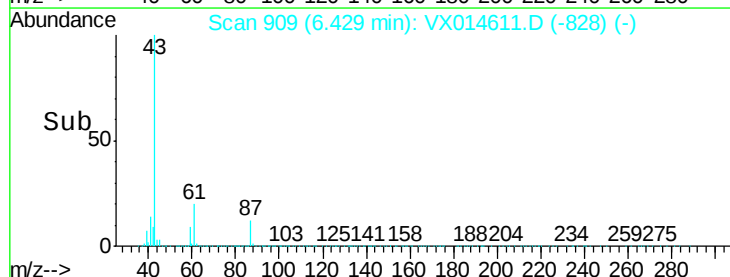
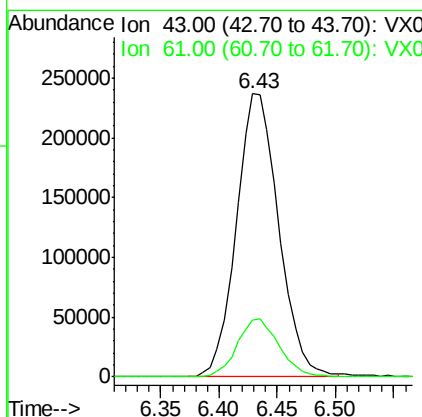
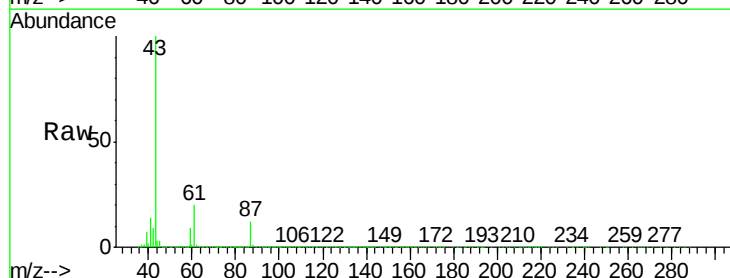
Manual Integrations
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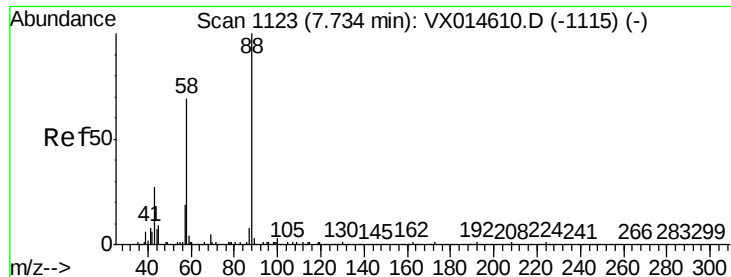
MMDadoda
1/16/2020 9:42:01 AM



#44
Isopropyl Acetate
Concen: 51.422 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	20.2	15.9	23.9	





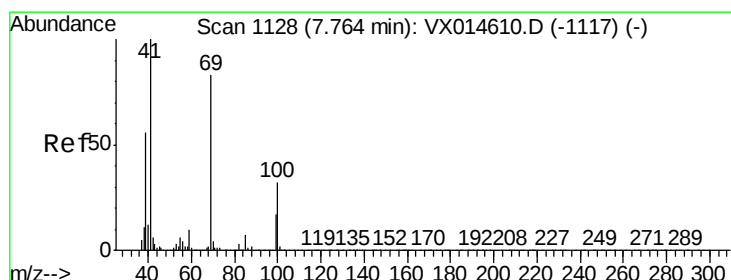
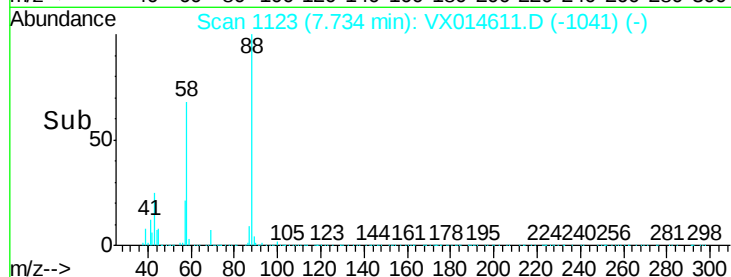
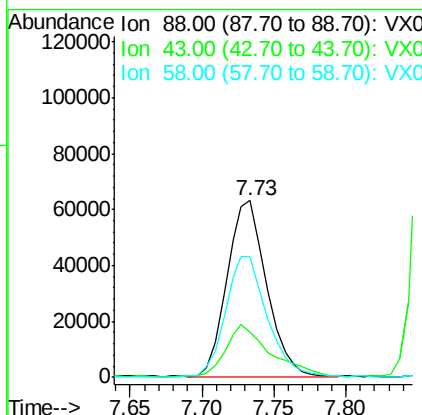
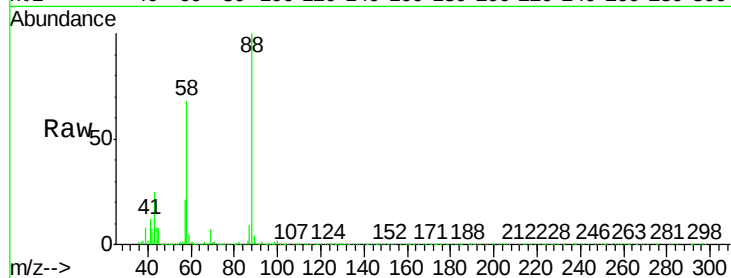
#45
1,4-Dioxane
Concen: 1123.779 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	88	Resp	121724
Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.4	38.2
58	71.3	56.5	84.7

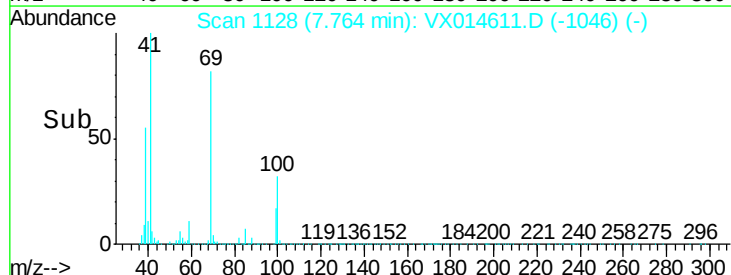
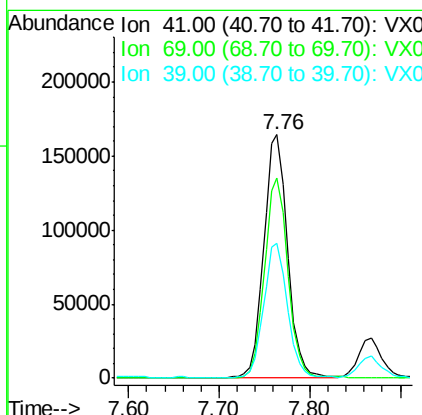
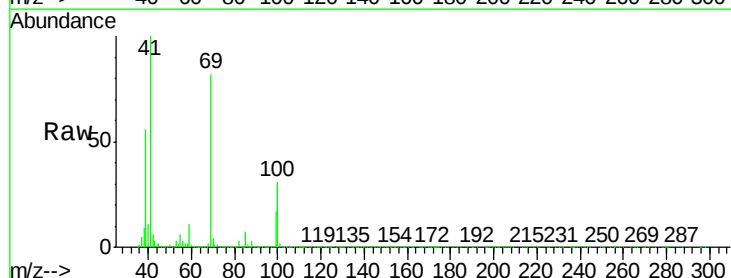
Manual Integrations
APPROVED

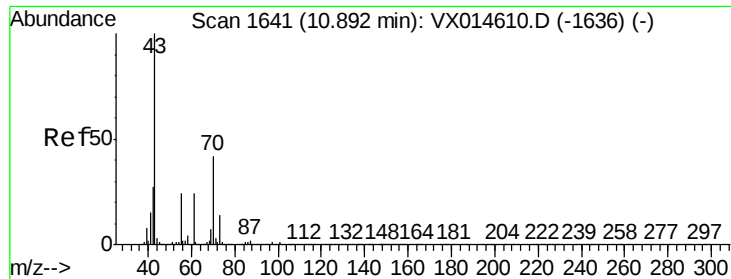
MMDadoda
1/16/2020 9:42:01 AM



#46
Methyl methacrylate
Concen: 52.758 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	41	Resp	296410
Ion	Ratio	Lower	Upper
41	100		
69	82.0	40.6	122.0
39	55.6	27.8	83.3





#47

n-amvl Acetate

Concen: 49.267 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 506700

Ion Ratio Lower Upper

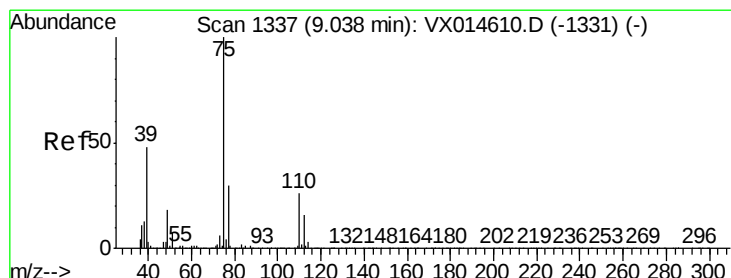
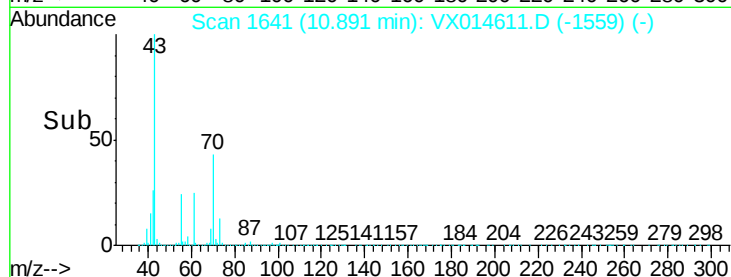
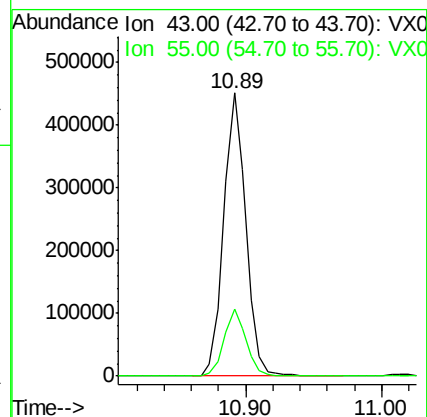
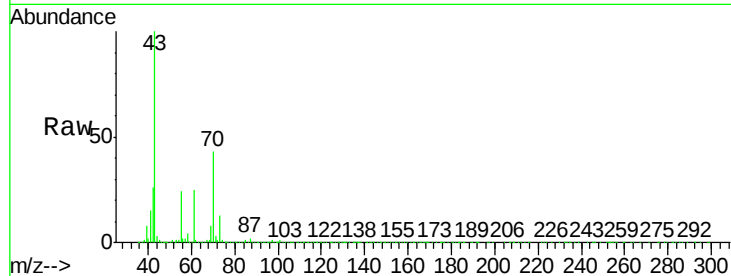
43 100

55 24.0 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 53.592 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014611.D

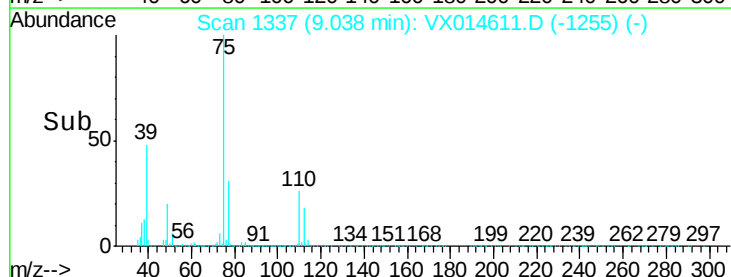
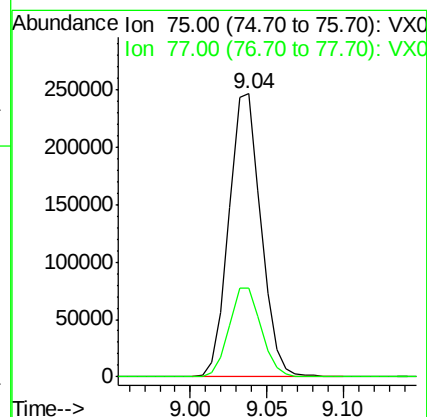
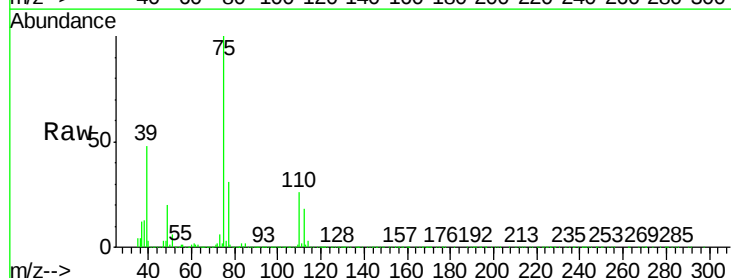
Acq: 15 Jan 2020 11:34

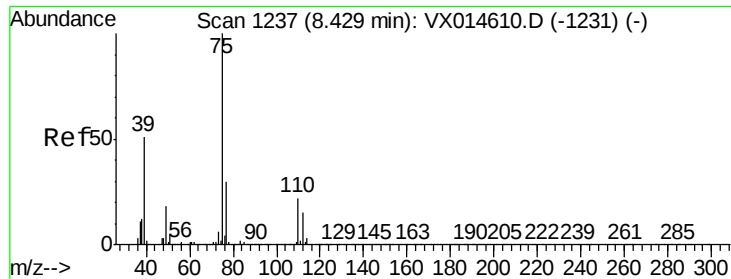
Tgt Ion: 75 Resp: 357787

Ion Ratio Lower Upper

75 100

77 31.3 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 53.928 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

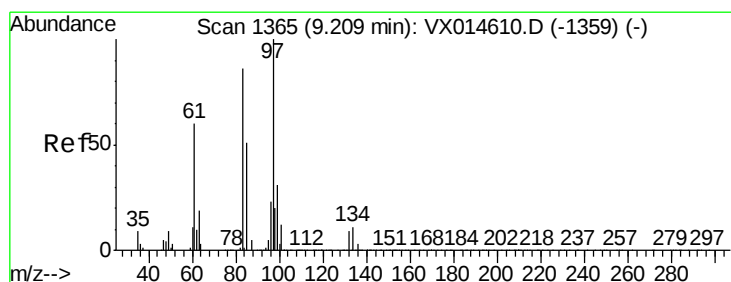
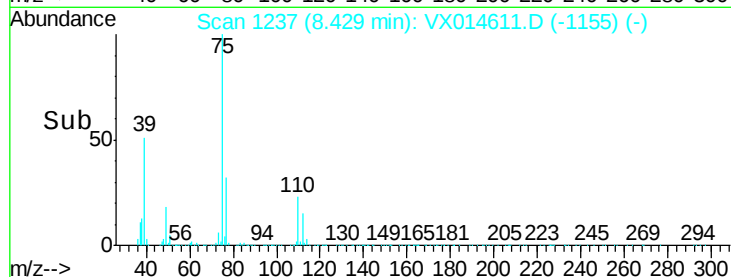
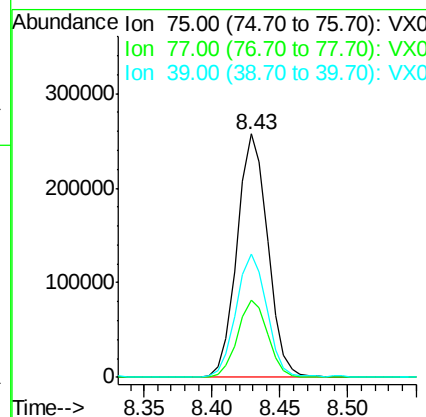
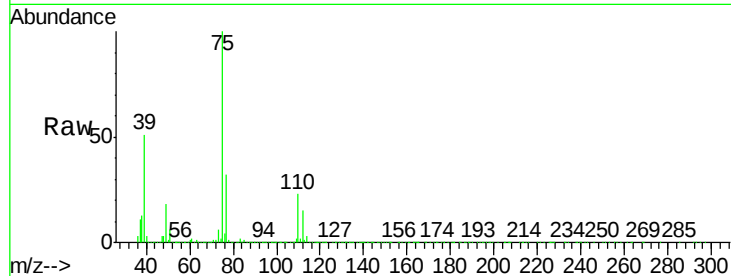
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	404886
Ion Ratio	Lower	Upper	
75	100		
77	31.7	24.8	37.2
39	50.7	41.1	61.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 51.611 ug/l

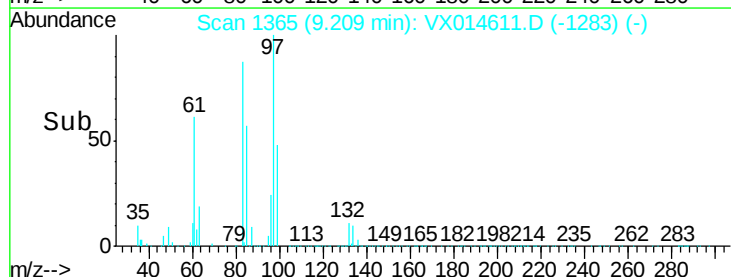
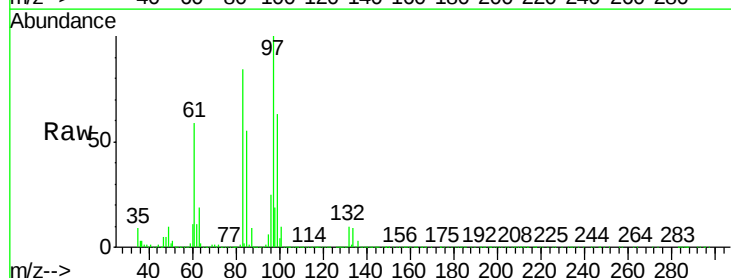
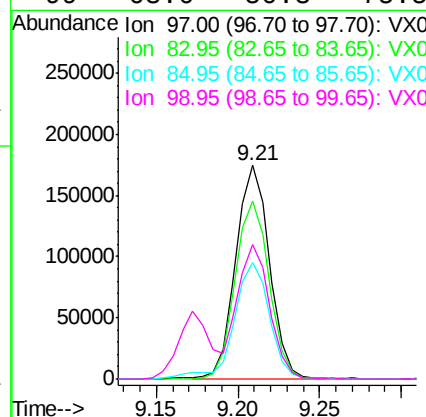
RT: 9.21 min Scan# 1365

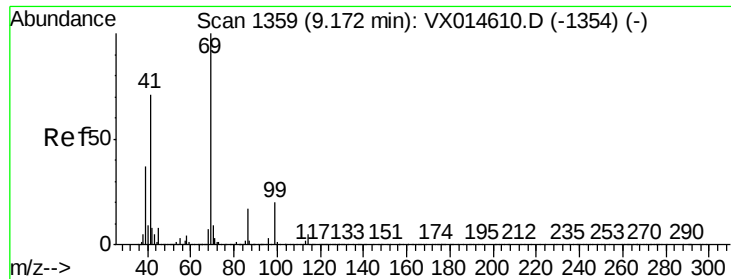
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	97	Resp:	251623
Ion Ratio	Lower	Upper	
97	100		
83	83.6	68.1	102.1
85	54.8	42.7	64.1
99	63.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 51.431 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

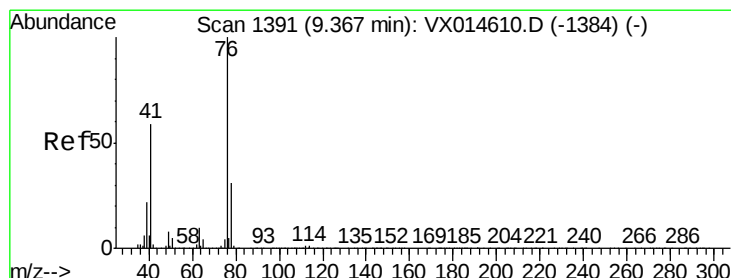
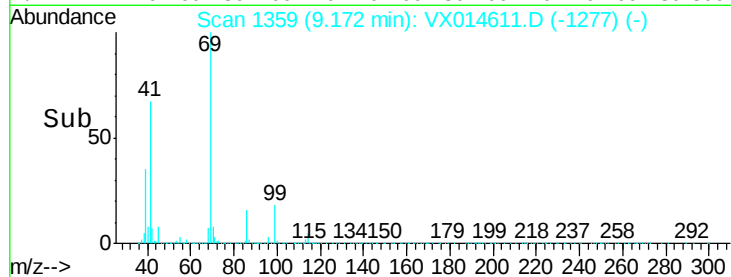
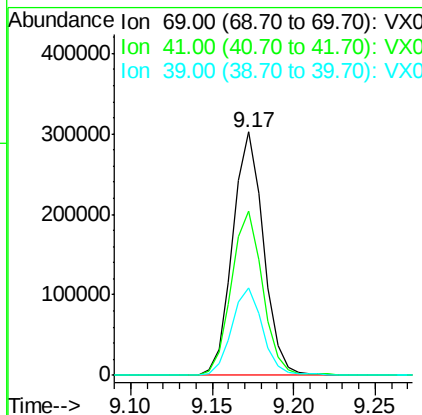
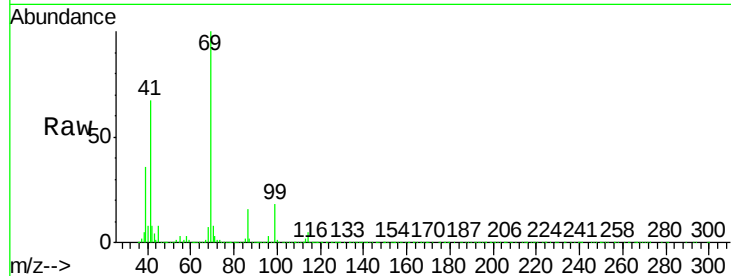
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	398843
Ion Ratio	Lower	Upper	
69	100		
41	67.2	35.4	106.1
39	35.7	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 51.015 ug/l

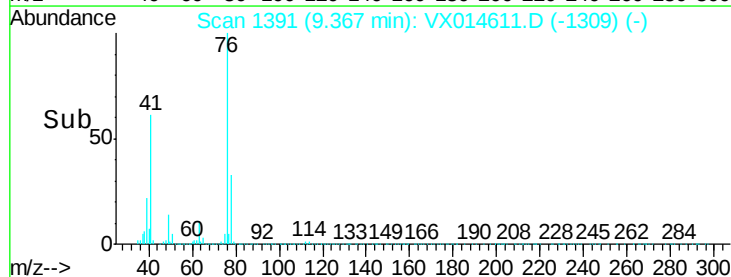
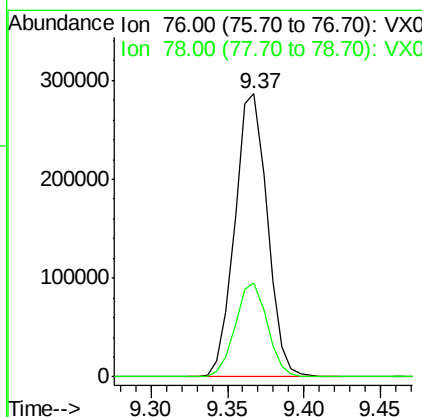
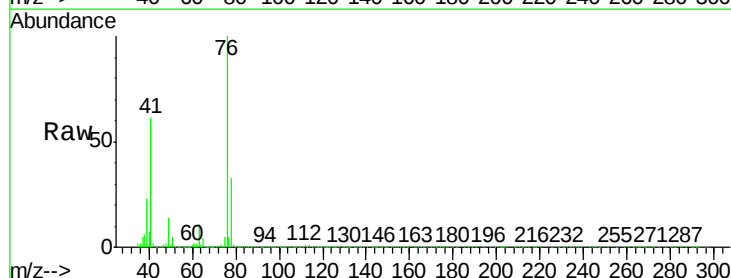
RT: 9.37 min Scan# 1391

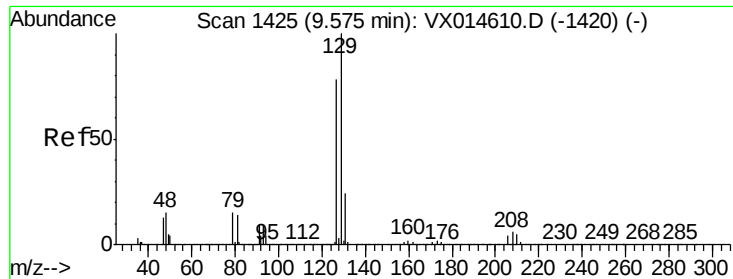
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	76	Resp:	422566
Ion Ratio	Lower	Upper	
76	100		
78	32.6	0.0	63.4





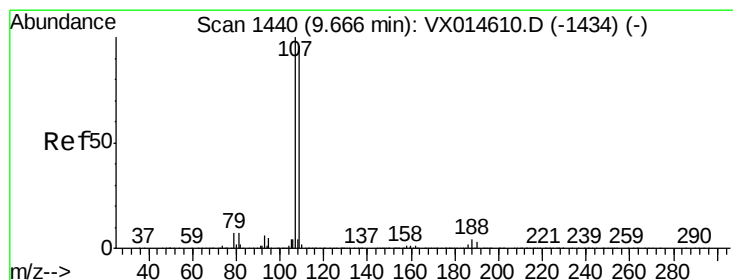
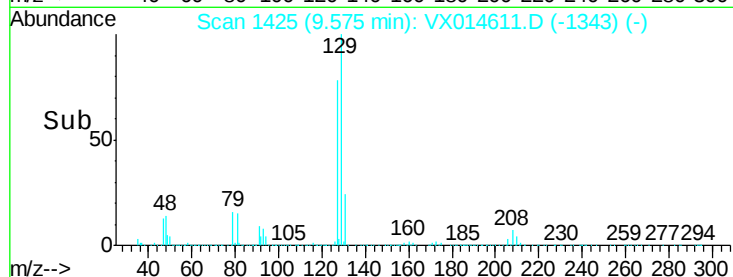
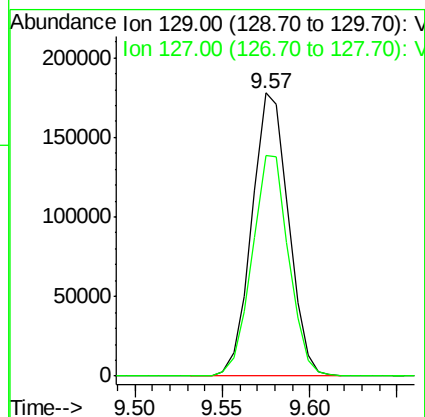
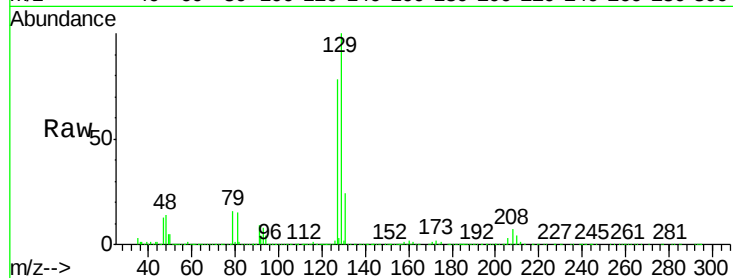
#53
Dibromochloromethane
Concen: 53.224 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.9	39.1	117.5	

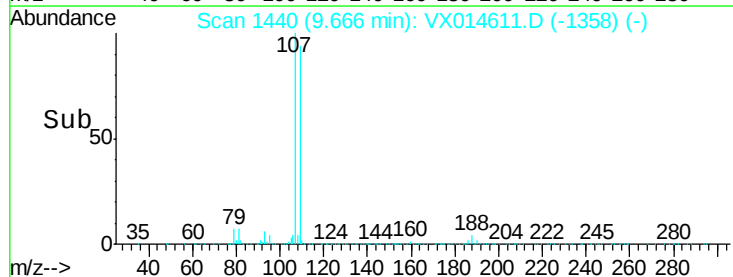
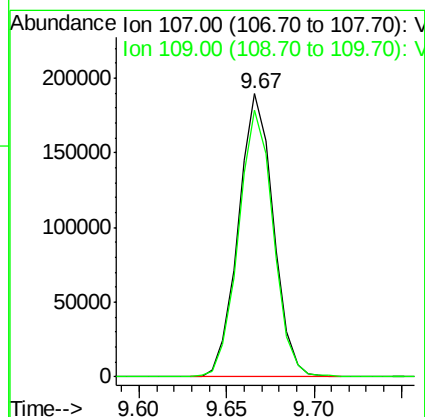
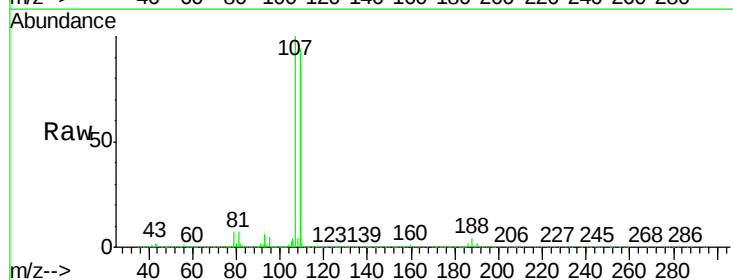
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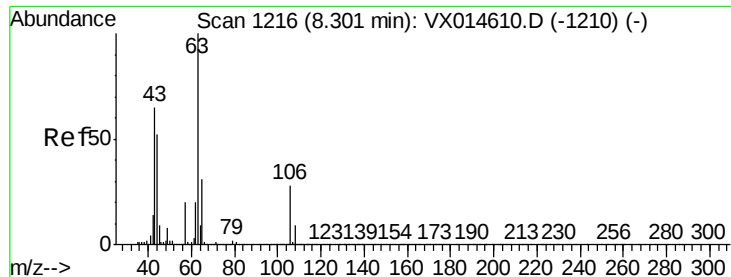
MMDadoda
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#54
1,2-Dibromoethane
Concen: 52.466 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	93.8	77.2	115.8	





#55

2-Chloroethyl vinyl ether

Concen: 260.878 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

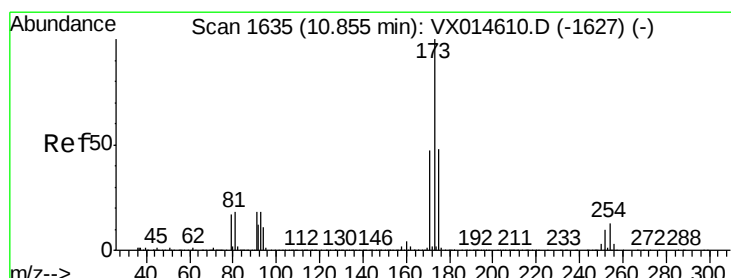
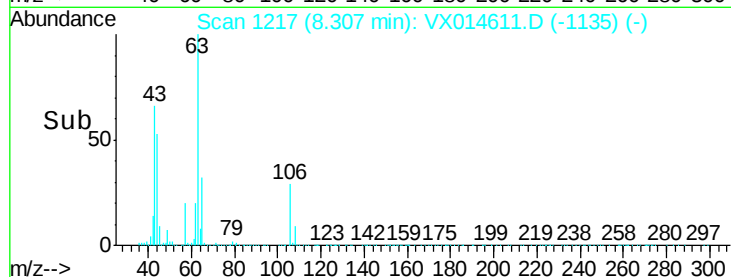
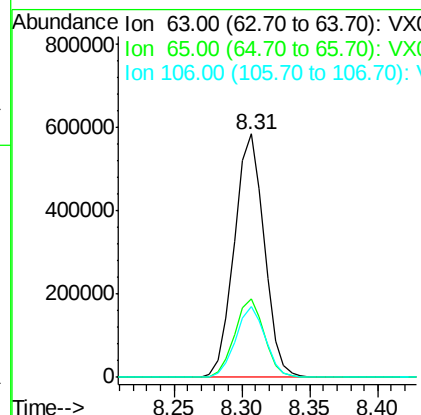
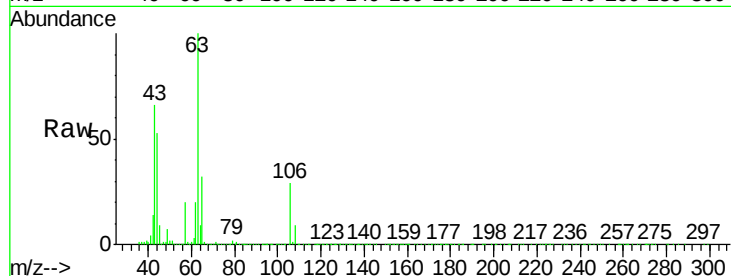
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	28.8	22.9	34.3

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#56

Bromoform

Concen: 52.557 ug/l

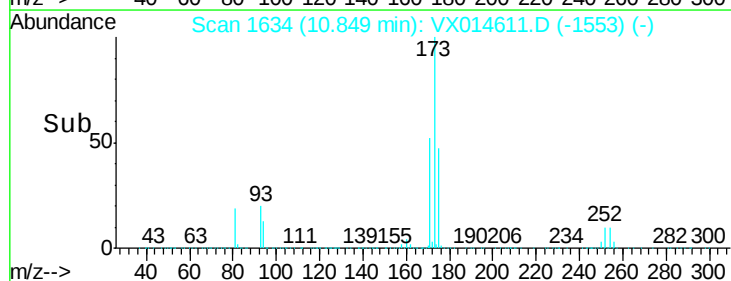
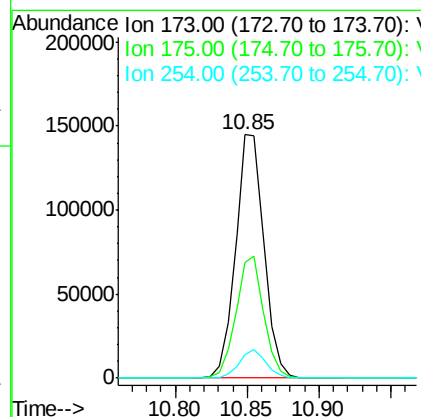
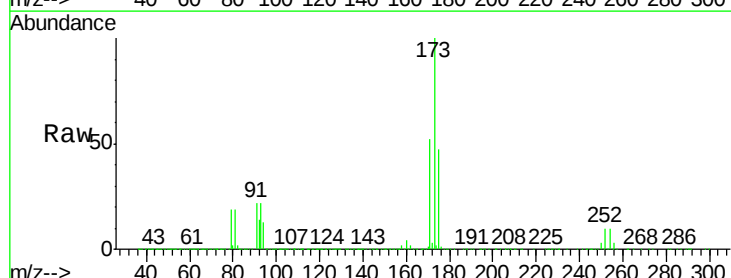
RT: 10.85 min Scan# 1634

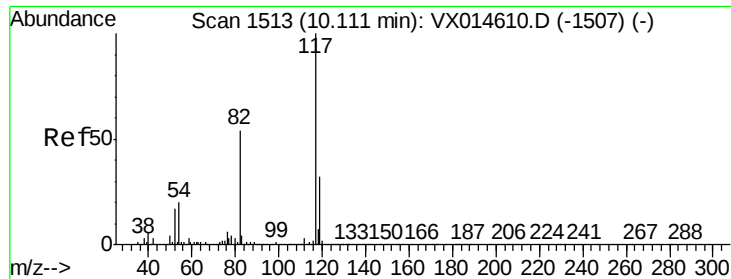
Delta R.T. -0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.5	59.3
254	10.8	8.2	12.4





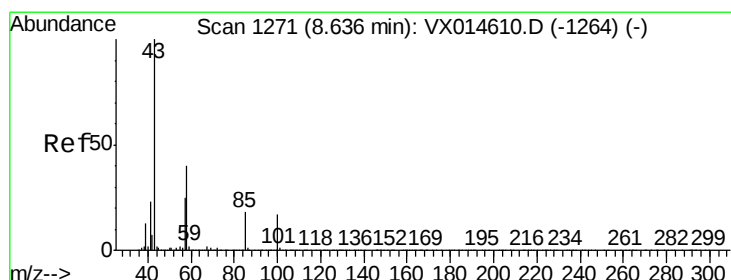
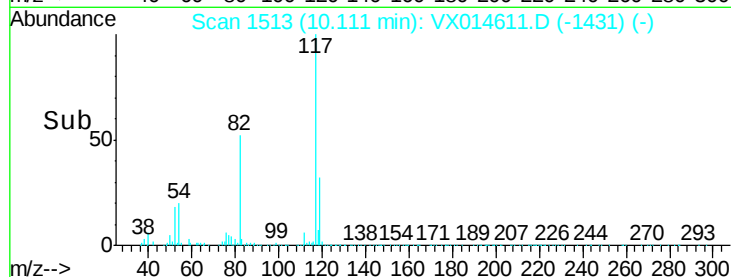
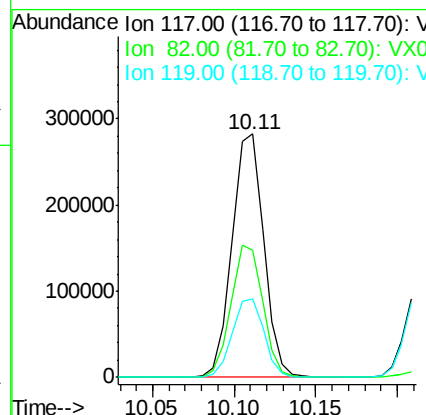
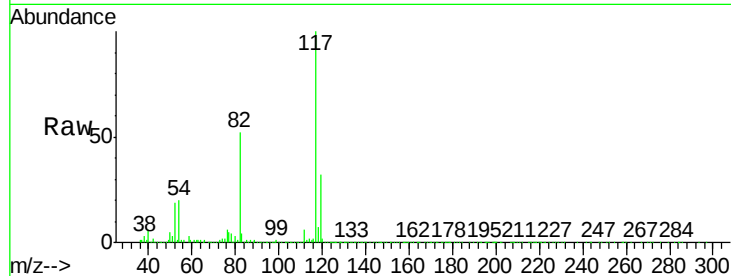
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.6
119	32.4	25.8	38.6

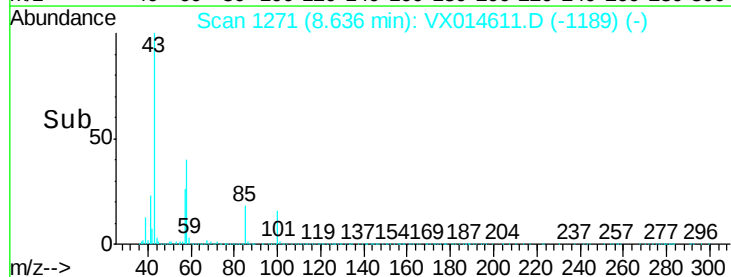
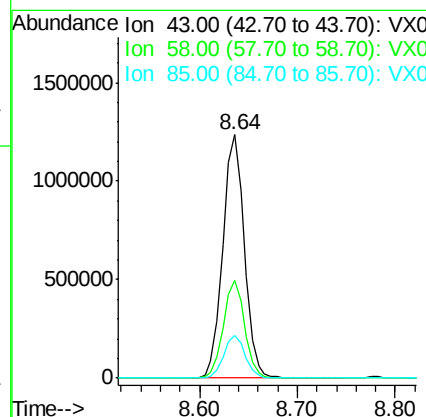
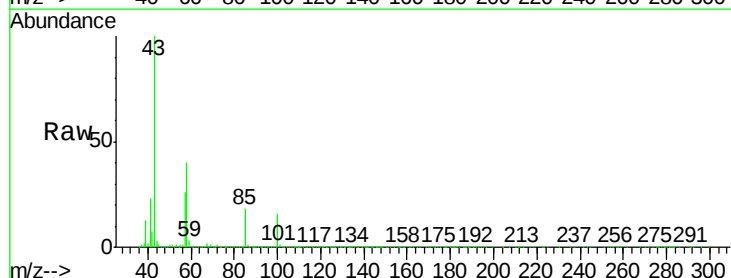
Manual Integrations
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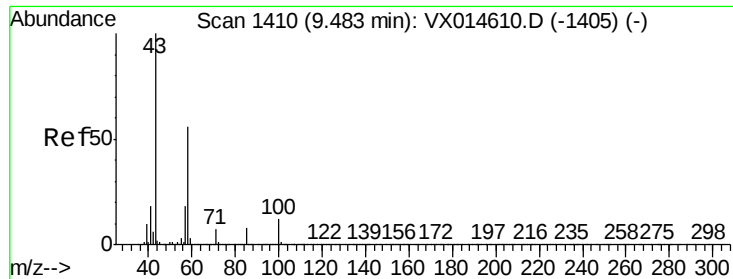
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#58
4-Methyl-2-Pentanone
Concen: 264.569 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.5	14.2	21.2





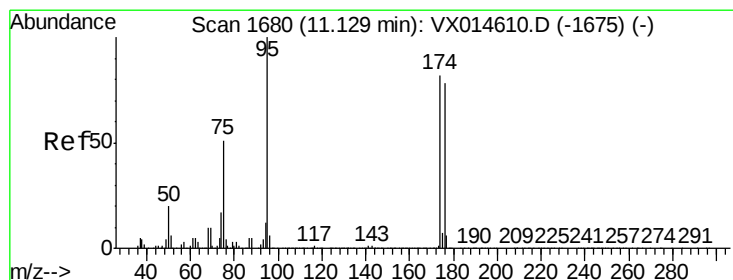
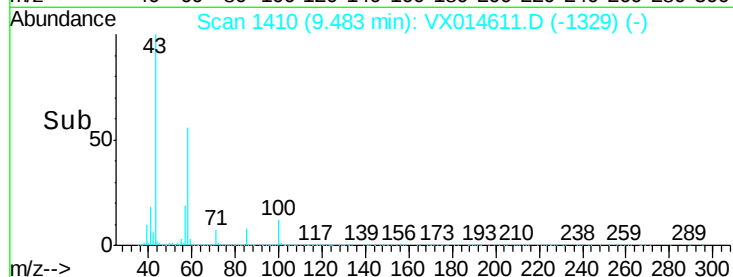
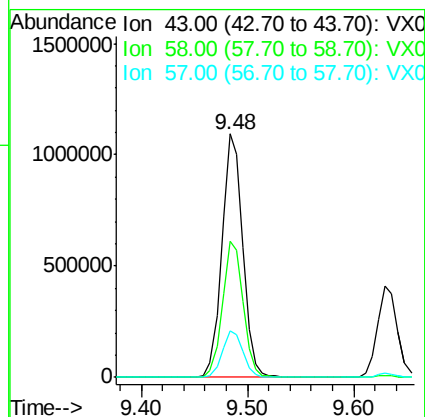
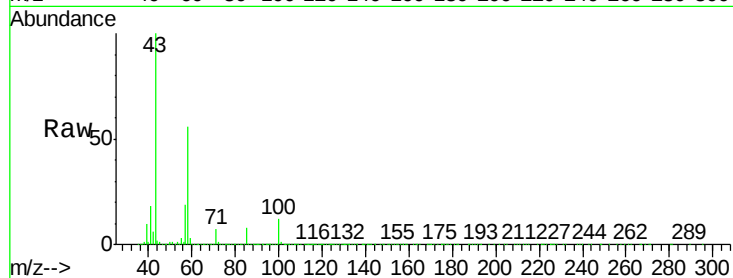
#59
2-Hexanone
Concen: 274.248 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	18.8	15.4	23.0

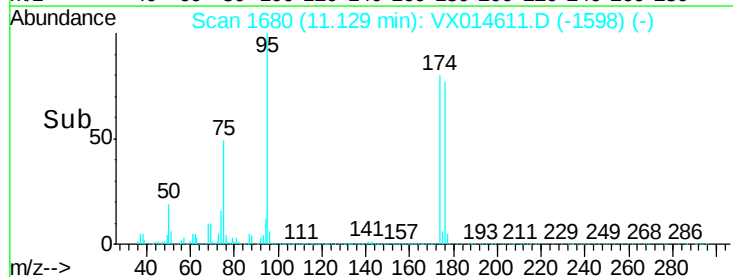
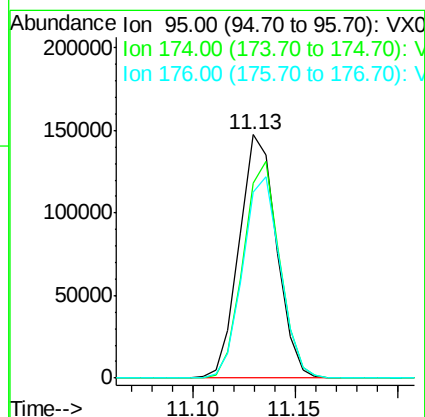
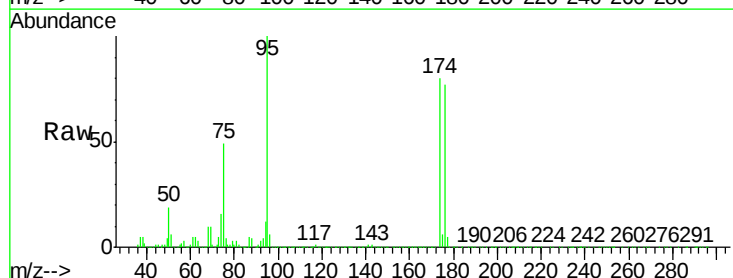
Manual Integrations
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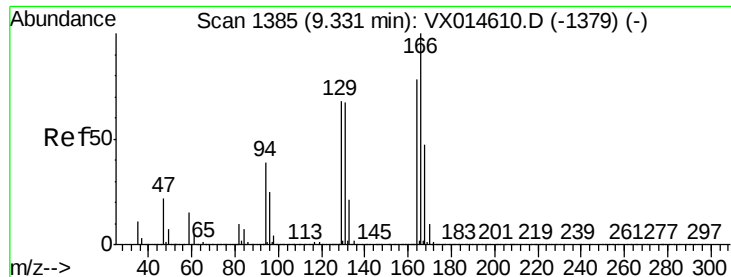
MMDadoda
1/16/2020 9:42:01 AM



#60
4-Bromofluorobenzene
Concen: 30.313 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	70.2	105.2
176	83.6	68.3	102.5





#61

Tetrachloroethene

Concen: 59.599 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

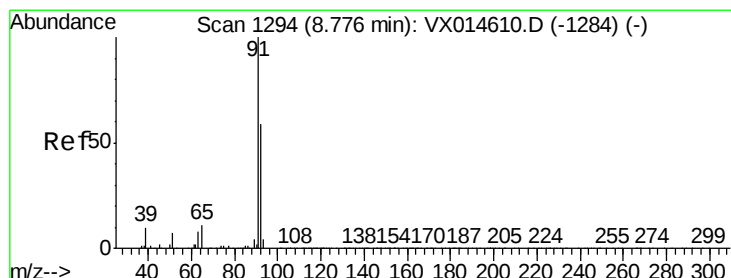
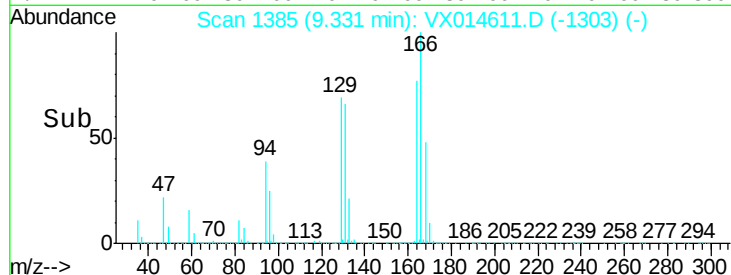
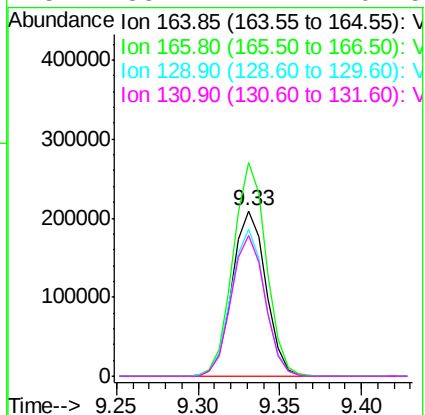
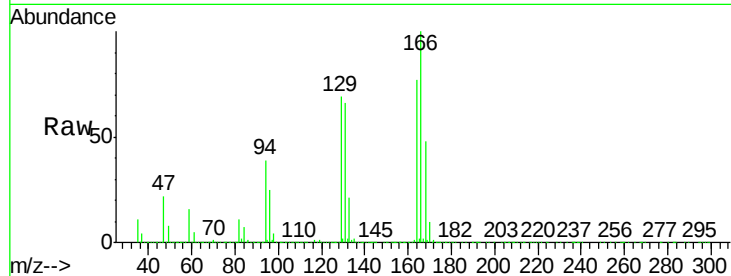
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.1	104.2	156.2
129	88.9	71.6	107.4
131	85.4	71.7	107.5

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#62

Toluene

Concen: 52.052 ug/l

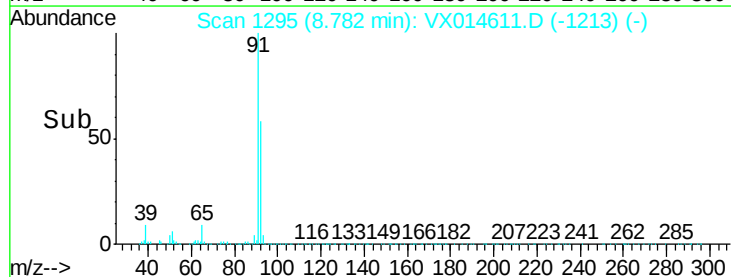
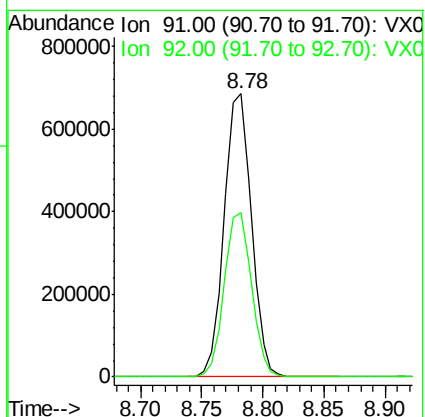
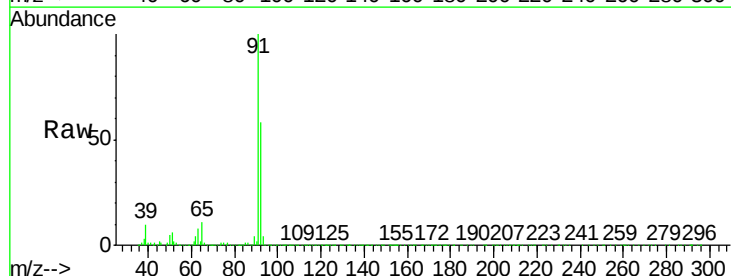
RT: 8.78 min Scan# 1295

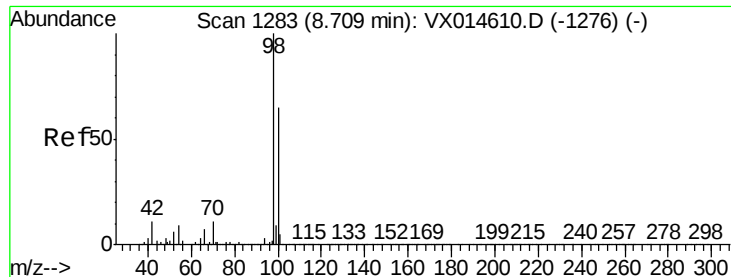
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.4	69.6





#63

Toluene-d8

Concen: 30.340 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 518784

Ion Ratio Lower Upper

98 100

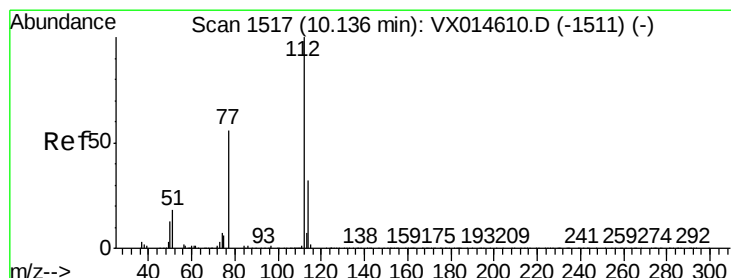
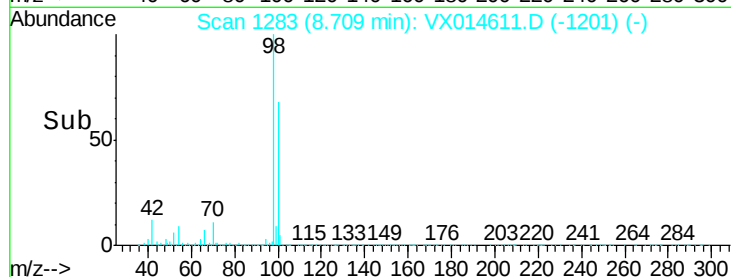
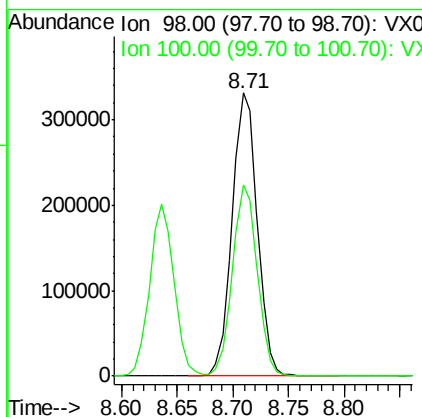
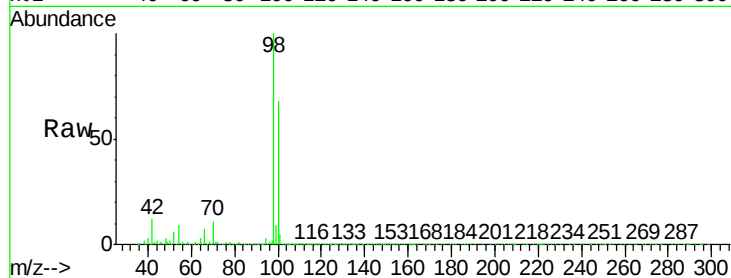
100 66.3 52.2 78.2

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#64

Chlorobenzene

Concen: 51.061 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014611.D

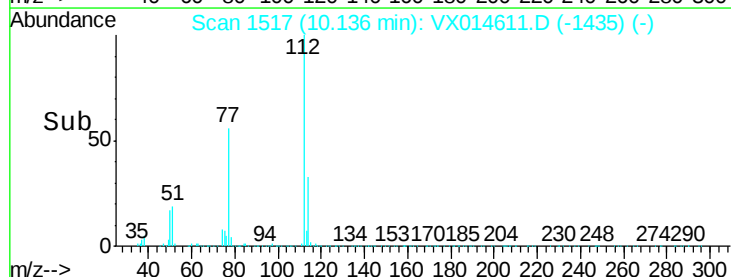
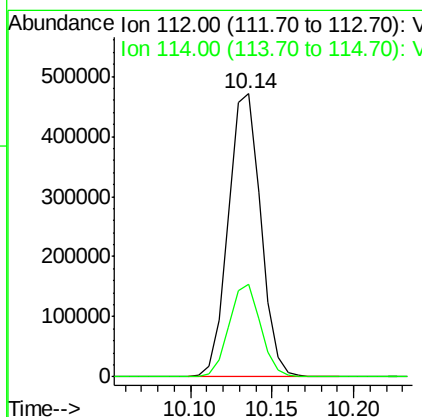
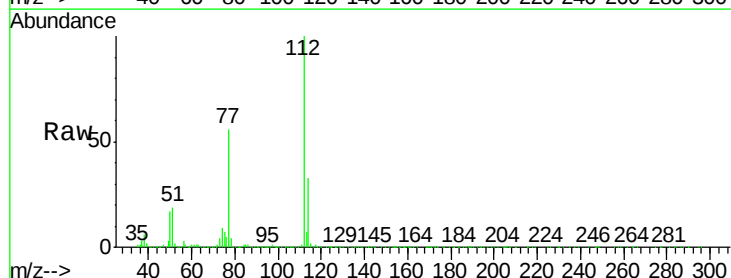
Acq: 15 Jan 2020 11:34

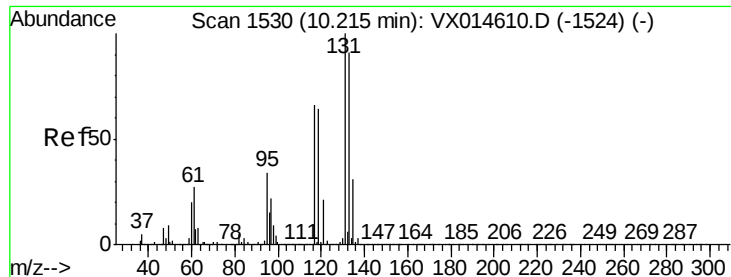
Tgt Ion: 112 Resp: 650854

Ion Ratio Lower Upper

112 100

114 32.7 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 51.644 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

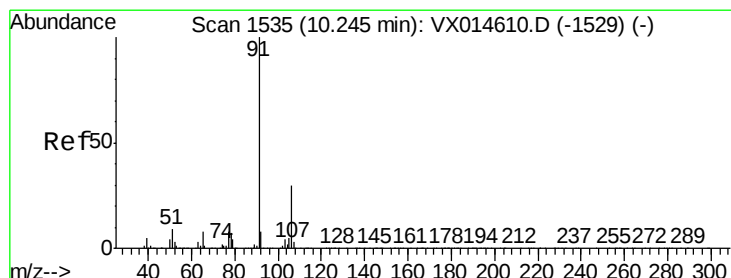
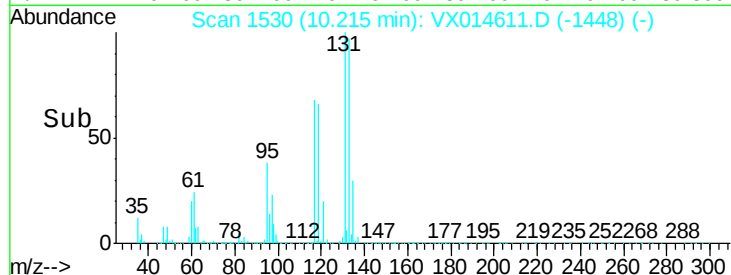
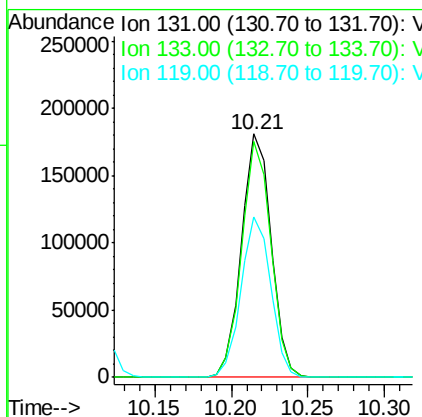
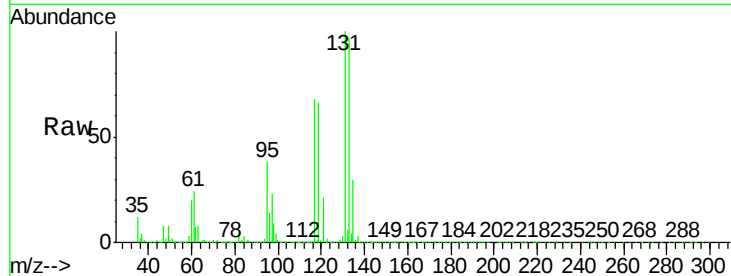
ClientSampleId :

VSTDIC050

Tot Ion:	131	Resp:	243750
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	189.8
119	65.9	0.0	132.2

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#66

Ethyl Benzene

Concen: 51.990 ug/l

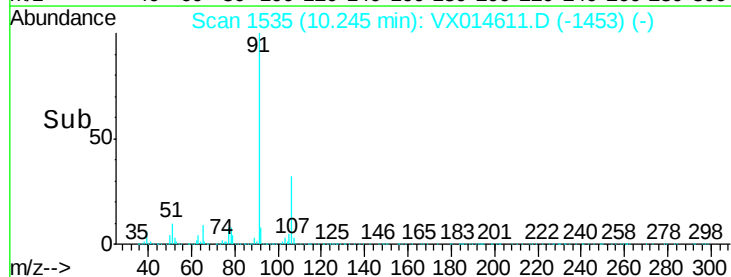
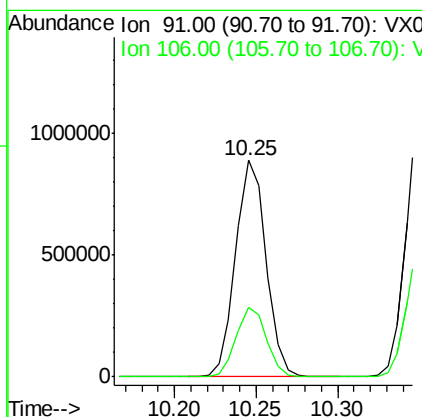
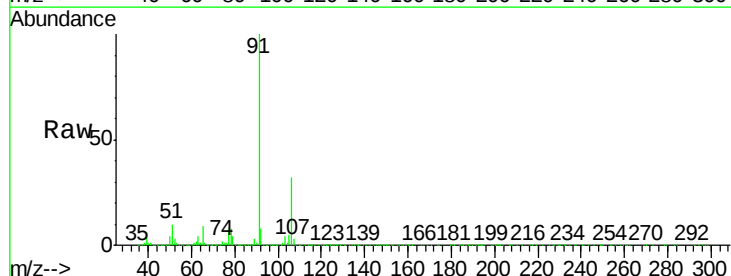
RT: 10.25 min Scan# 1535

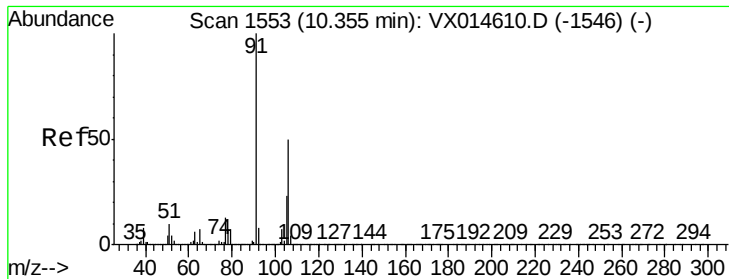
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	91	Resp:	1157588
Ion Ratio	Lower	Upper	
91	100		
106	32.4	24.2	36.2





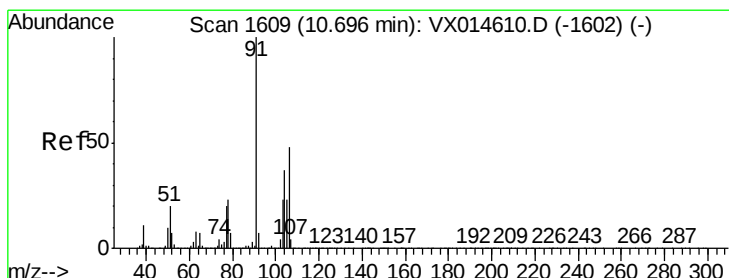
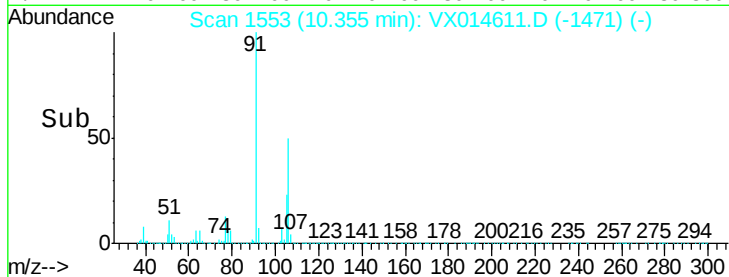
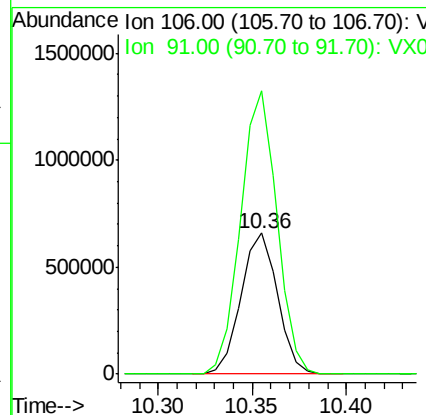
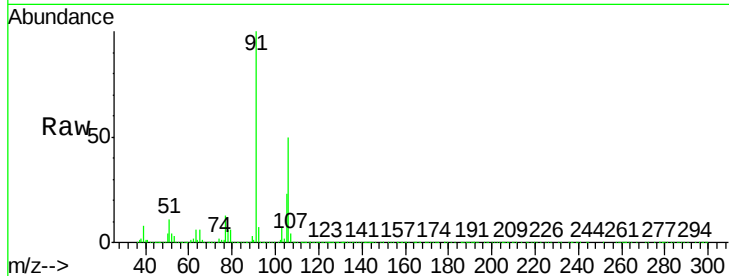
#67
m/p-Xvlenes
Concen: 104.380 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.8	159.3	238.9

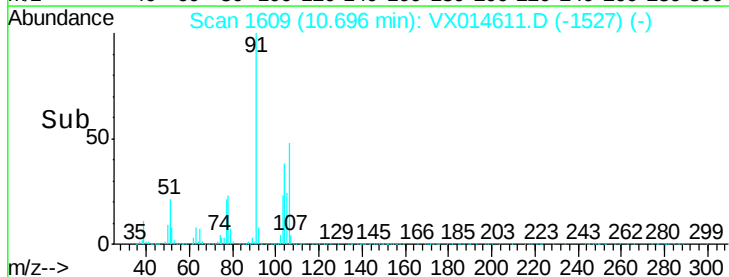
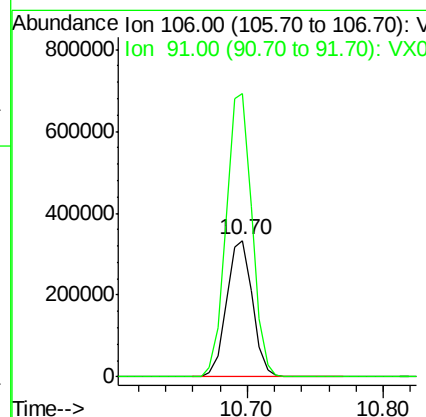
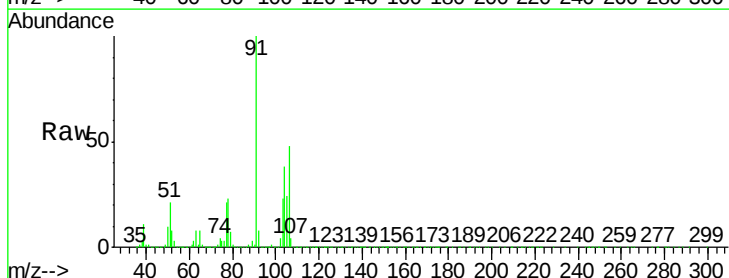
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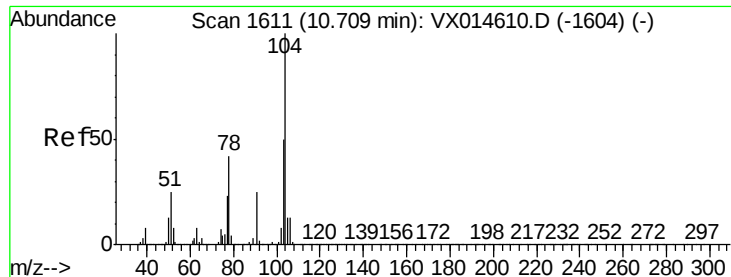
MMDadoda
1/16/2020 9:42:01 AM



#68
o-Xylene
Concen: 51.955 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.8	104.8	314.6





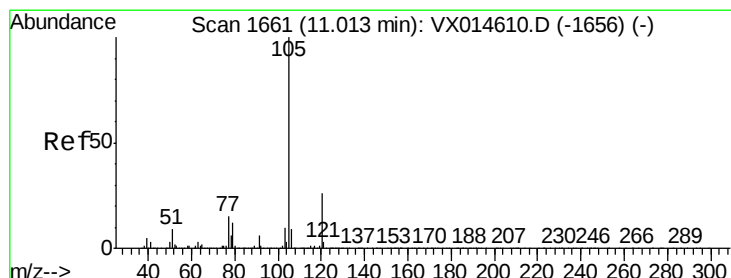
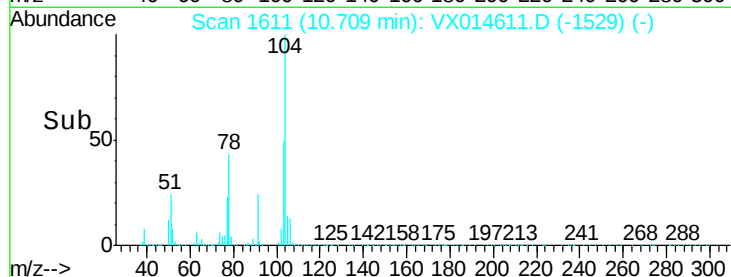
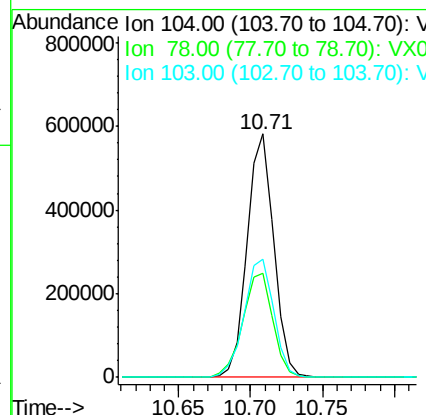
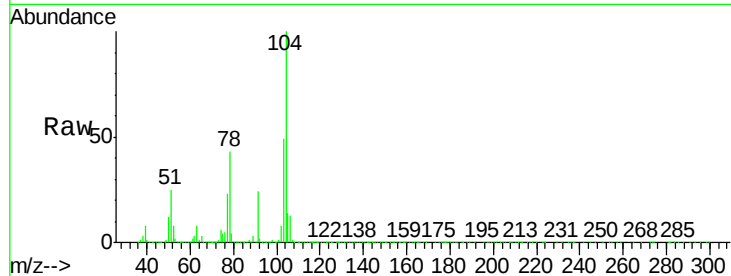
#69
Stvrene
Concen: 51.916 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.9	58.3
103	54.1	44.2	66.2

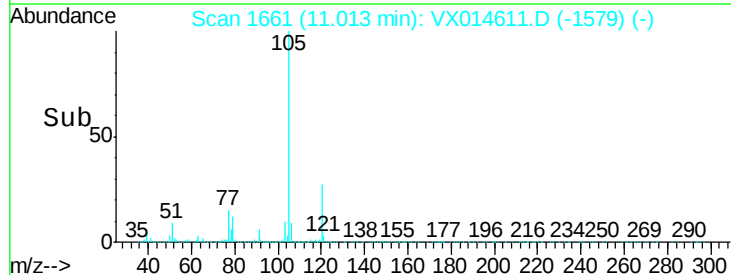
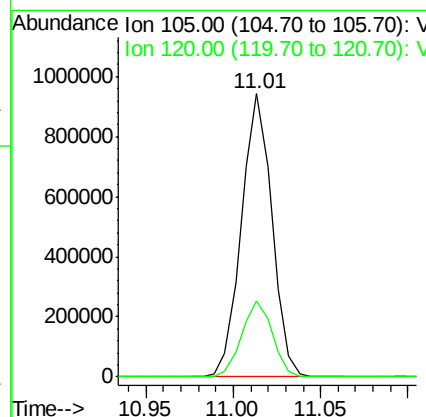
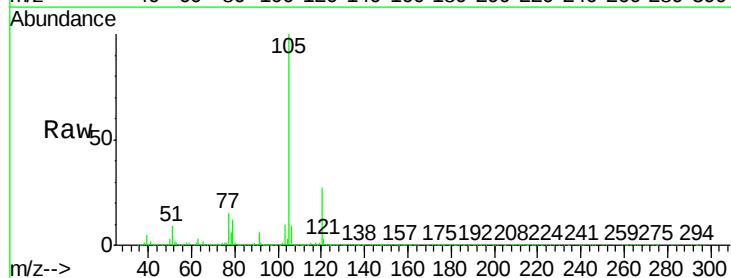
Manual Integrations
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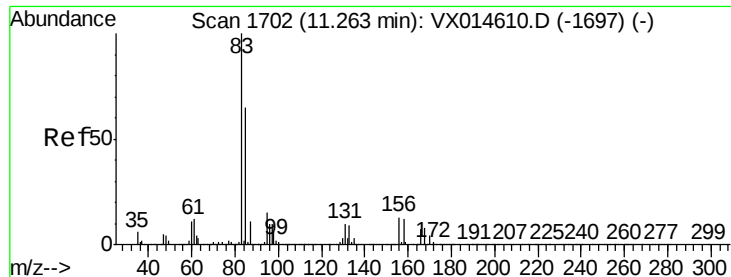
MMDadoda
1/16/2020 9:42:01 AM



#70
Isopropylbenzene
Concen: 52.321 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 47.816 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

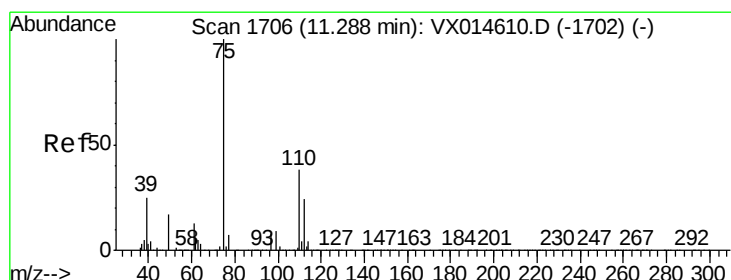
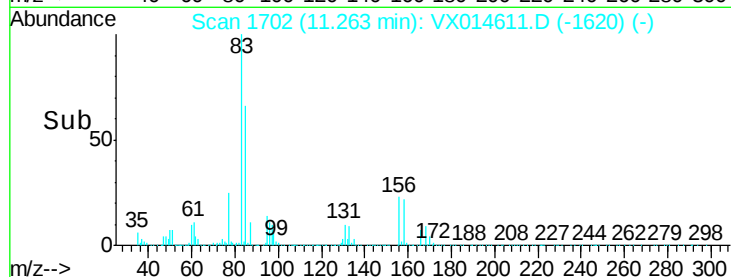
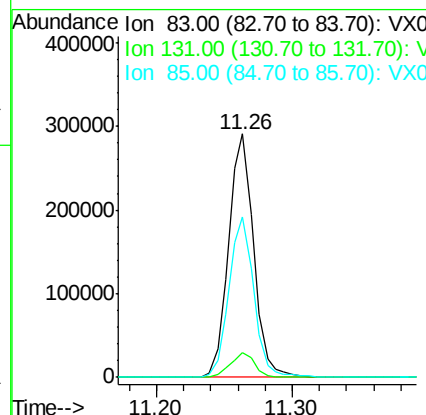
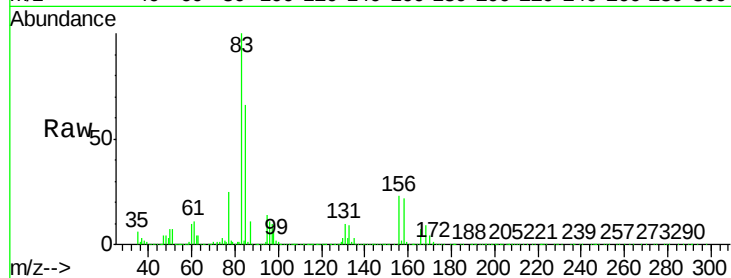
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	369485
Ion Ratio		Lower	Upper
83	100		
131	10.1	4.9	14.7
85	65.5	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 46.099 ug/l m

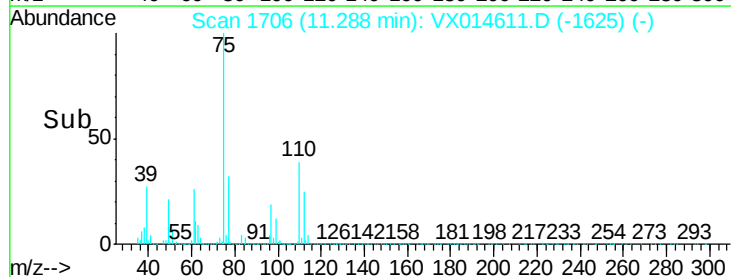
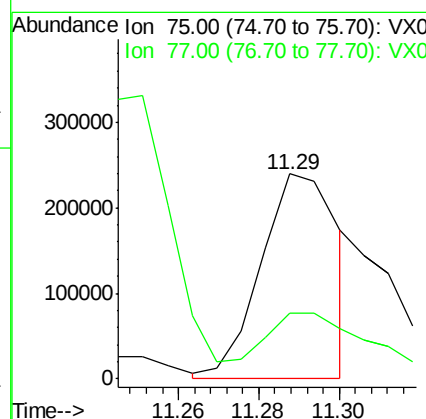
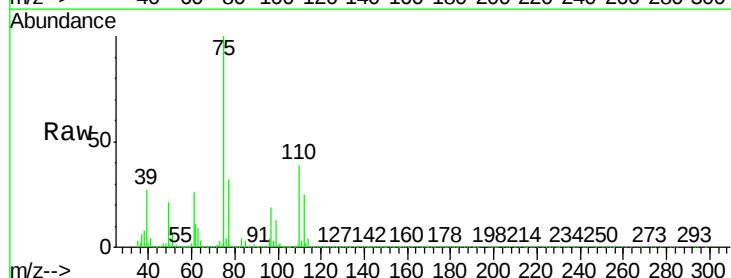
RT: 11.29 min Scan# 1706

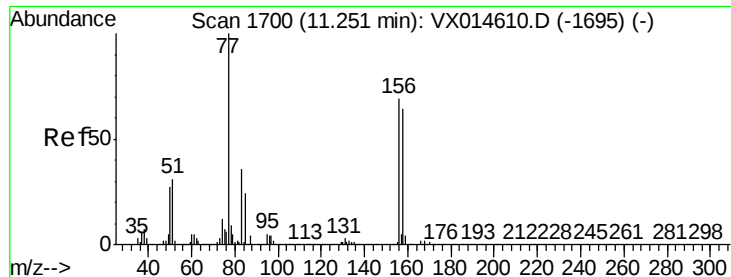
Delta R.T. -0.01 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	75	Resp:	317076
Ion Ratio		Lower	Upper
75	100		
77	43.0	0.0	68.4





#73

Bromobenzene

Concen: 50.514 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

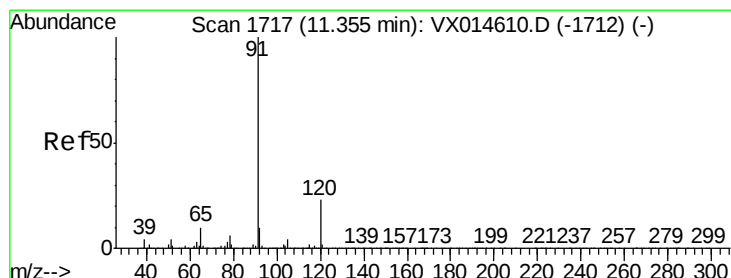
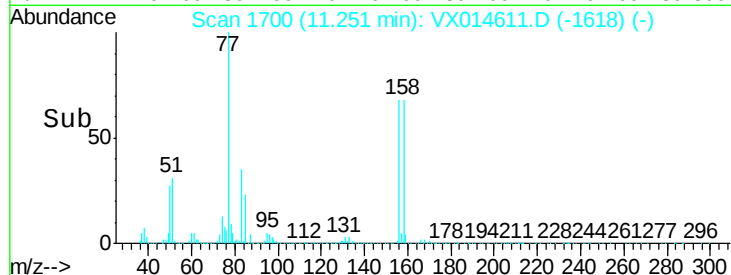
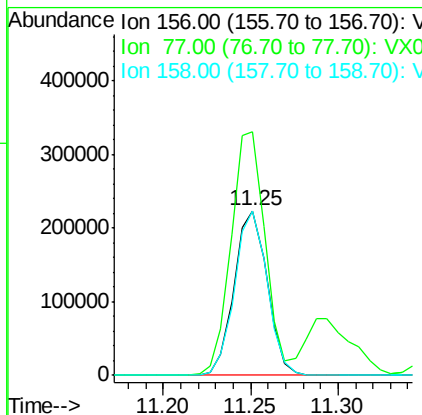
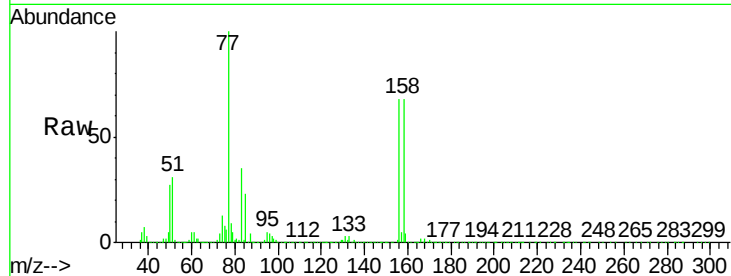
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	293820
Ion Ratio	Lower	Upper	
156	100		
77	152.0	0.0	304.6
158	98.2	0.0	195.2

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#74

n-propylbenzene

Concen: 53.295 ug/l

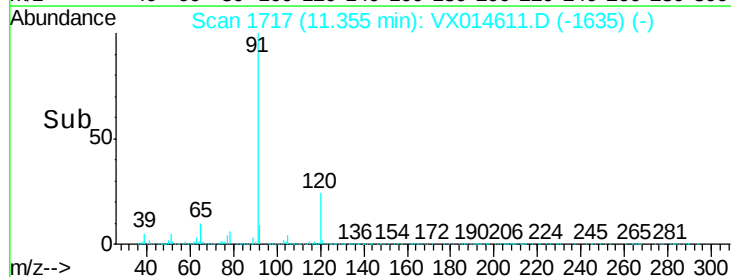
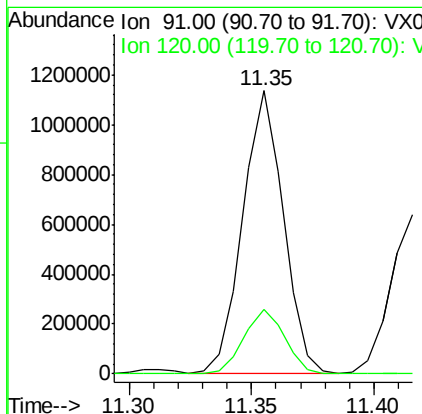
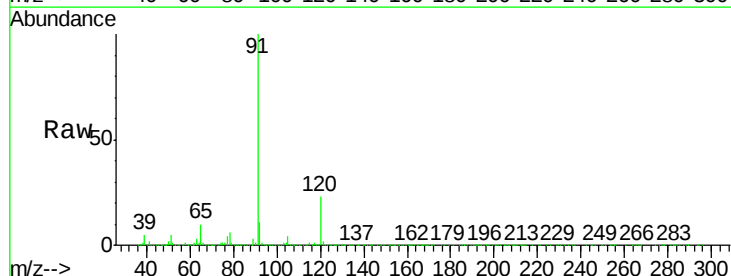
RT: 11.35 min Scan# 1717

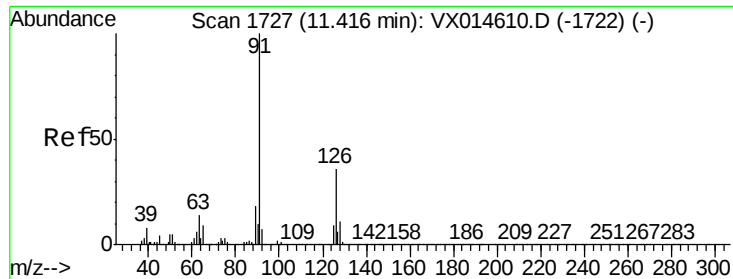
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	91	Resp:	1317123
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 51.585 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 770313

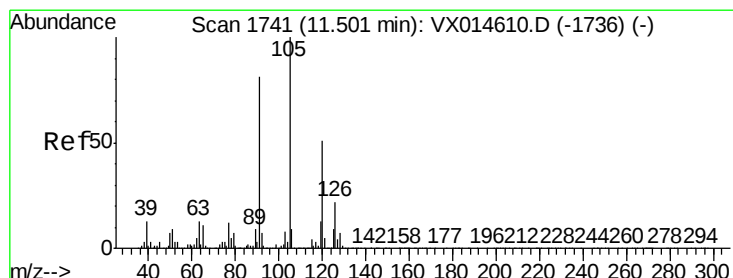
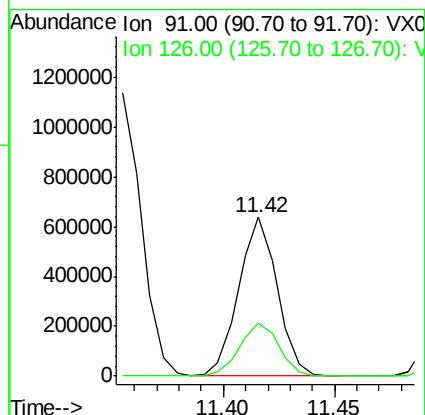
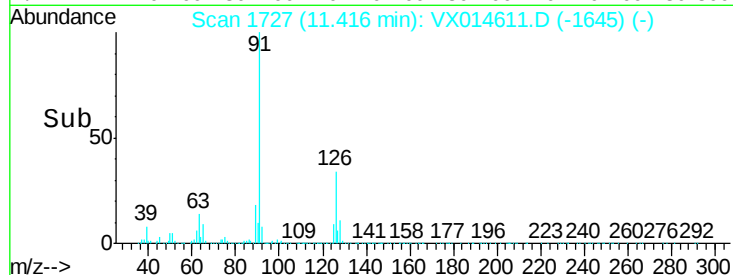
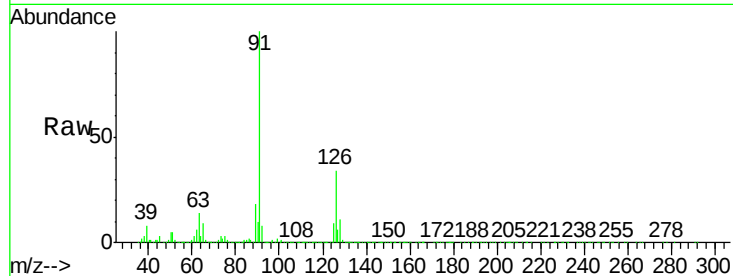
Ion Ratio Lower Upper

91 100

126 34.0 0.0 70.8

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 51.733 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014611.D

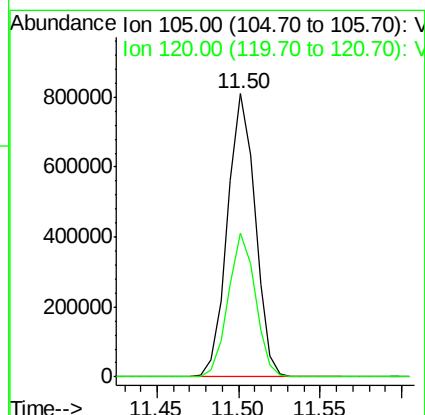
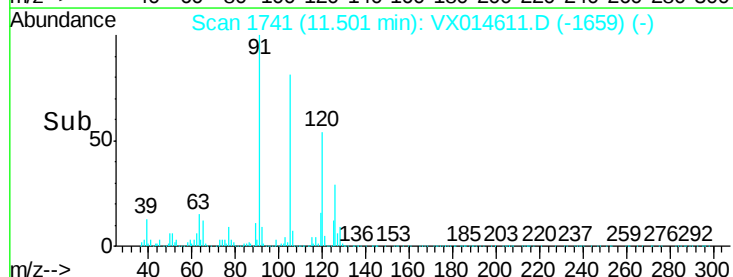
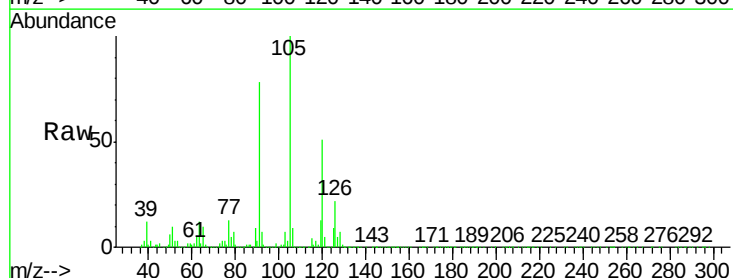
Acq: 15 Jan 2020 11:34

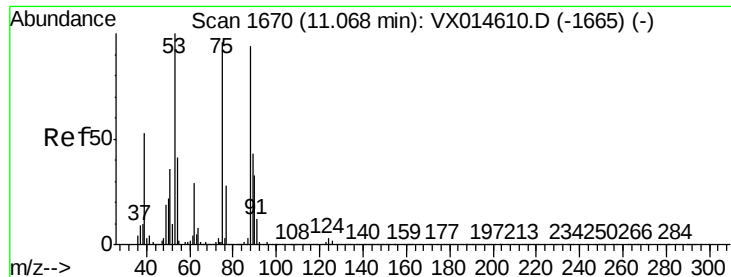
Tgt Ion: 105 Resp: 956233

Ion Ratio Lower Upper

105 100

120 49.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 56.832 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

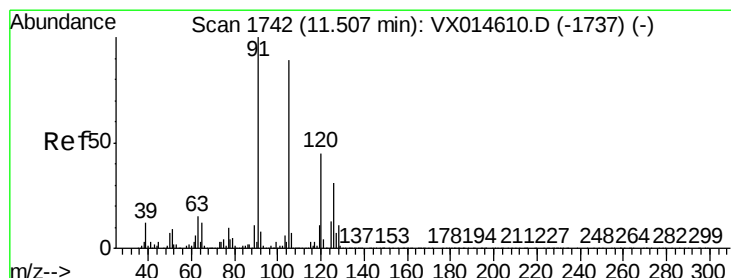
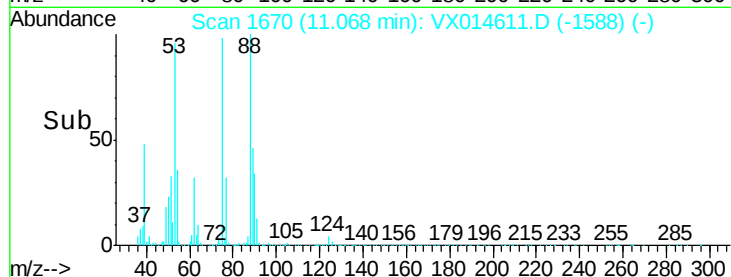
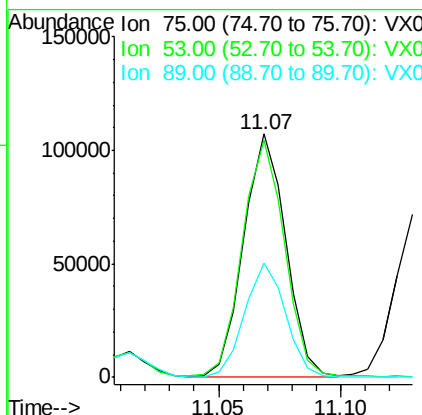
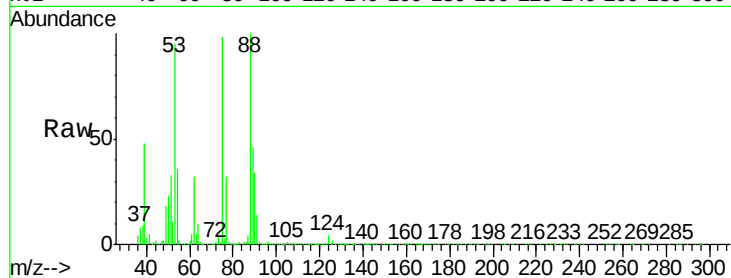
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	129085
Ion Ratio	Lower	Upper	
75	100		
53	97.2	54.4	163.1
89	46.6	21.9	65.5

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#78

4-Chlorotoluene

Concen: 51.324 ug/l

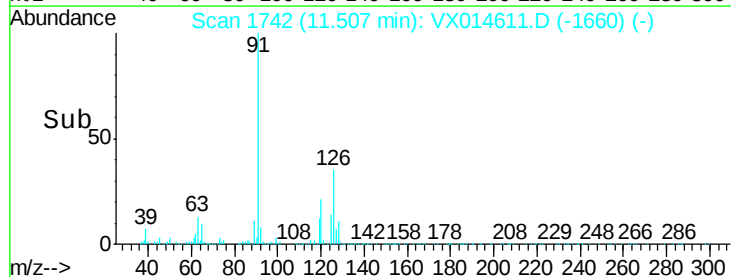
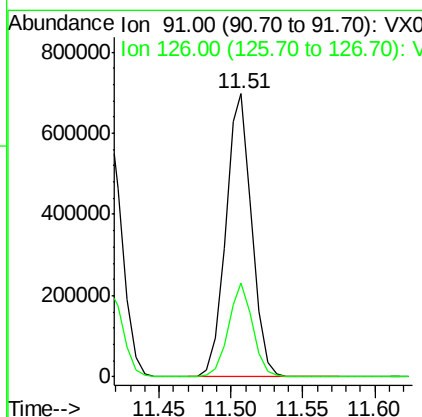
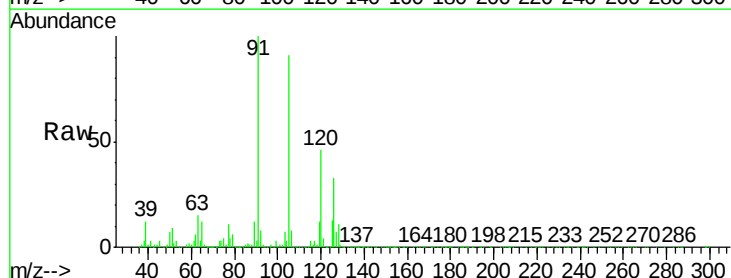
RT: 11.51 min Scan# 1742

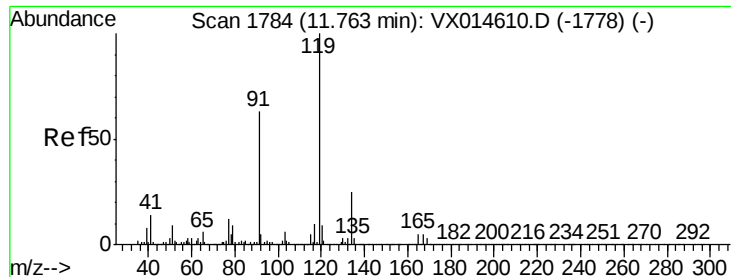
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	91	Resp:	875780
Ion Ratio	Lower	Upper	
91	100		
126	31.0	0.0	59.6





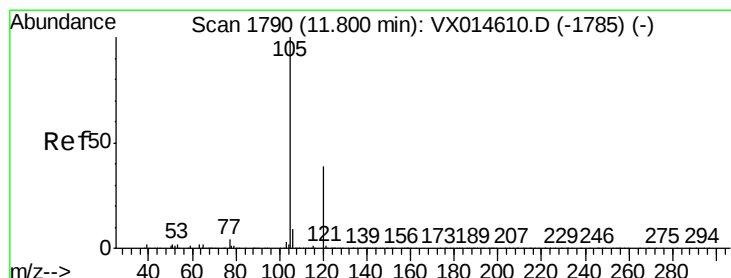
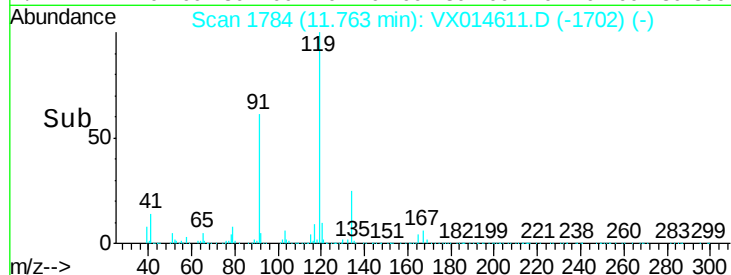
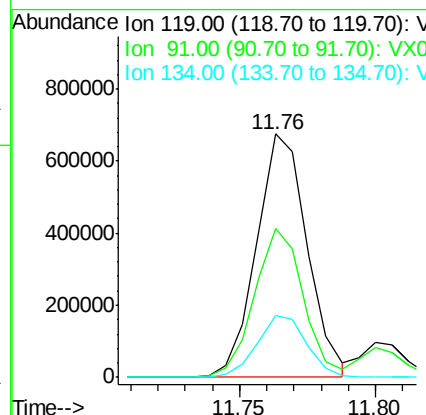
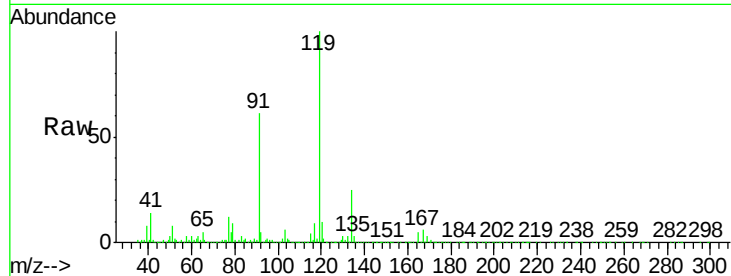
#79
tert-butylbenzene
Concen: 48.942 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	871969		
91	58.8		0.0	112.6
134	24.9		0.0	49.8

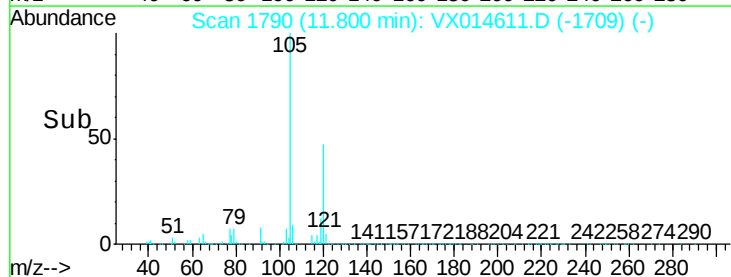
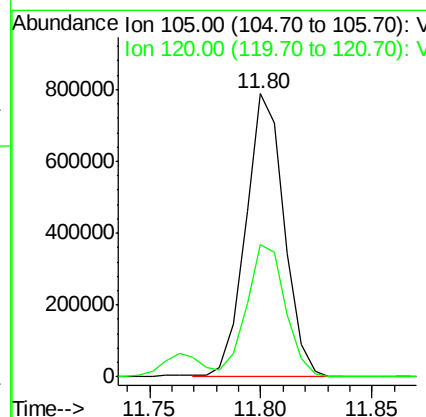
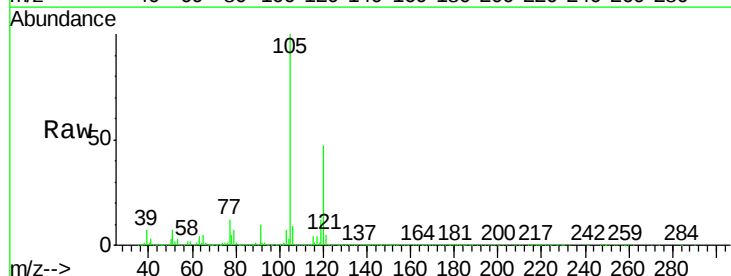
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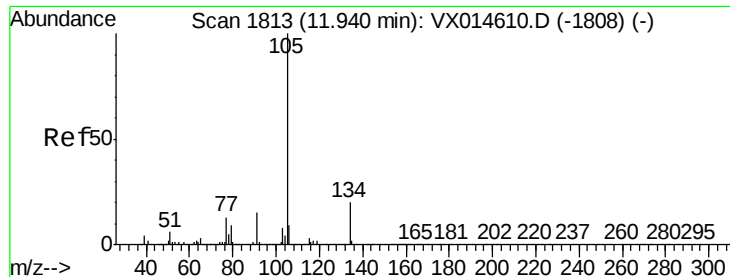
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 50.999 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	942583		
120	47.1		0.0	92.0





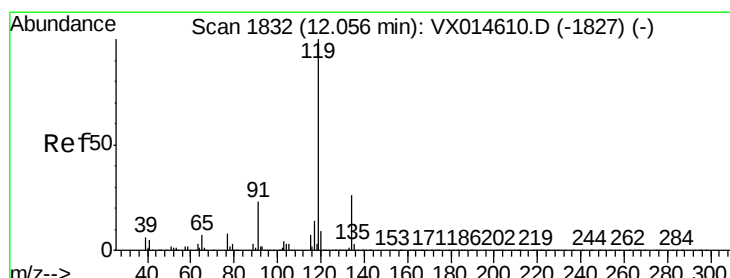
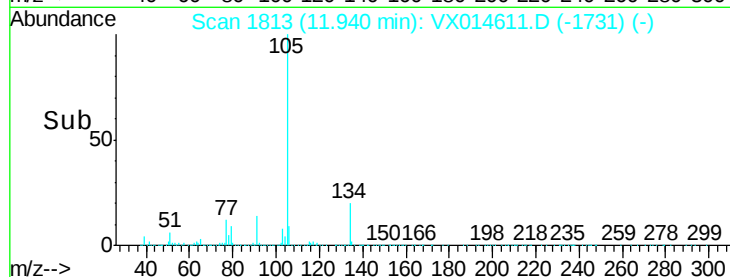
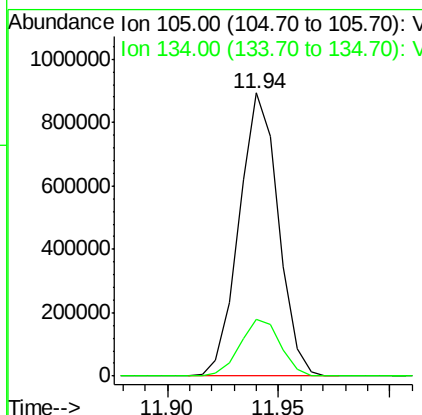
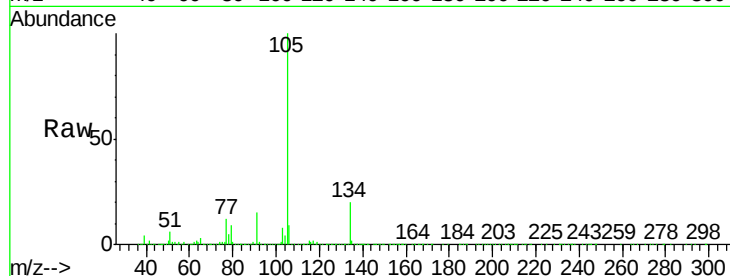
#81
 sec-Butylbenzene
 Concen: 51.822 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:105 Resp: 1098199
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.2

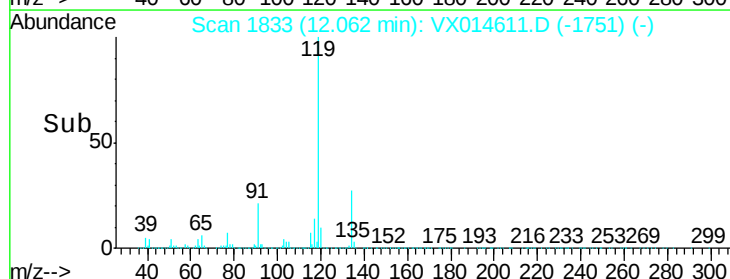
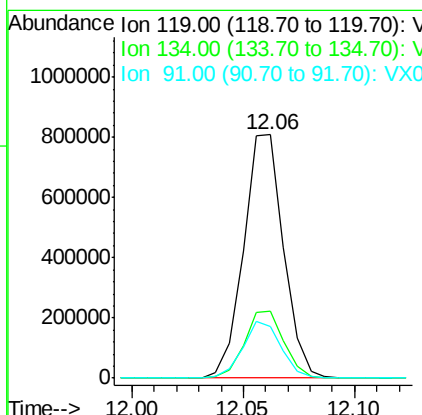
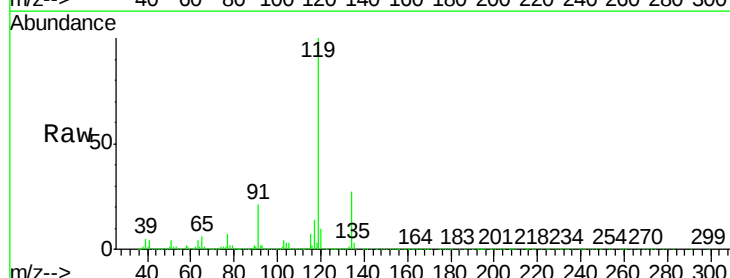
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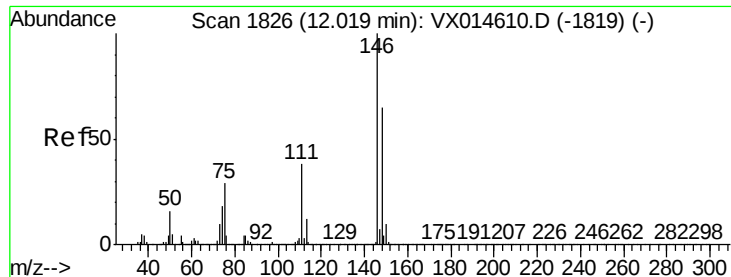
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#82
 p-Isopropyltoluene
 Concen: 52.665 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Tgt Ion:119 Resp: 1007169
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.8
 91 22.4 0.0 45.0





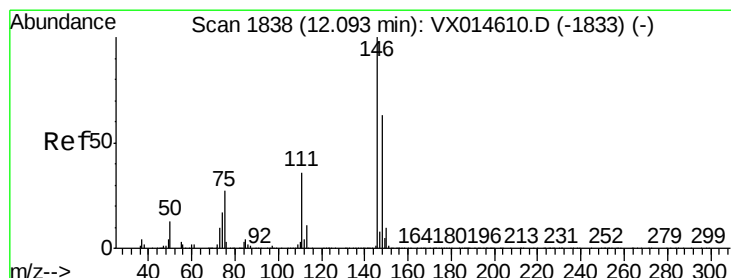
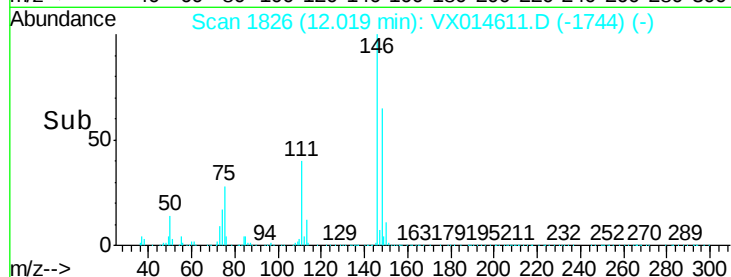
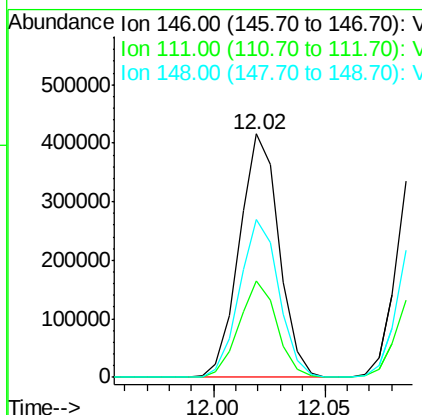
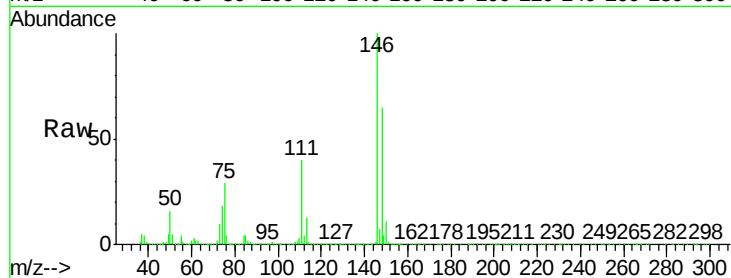
#83
 1,3-Dichlorobenzene
 Concen: 51.081 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	64.1	32.2	96.6

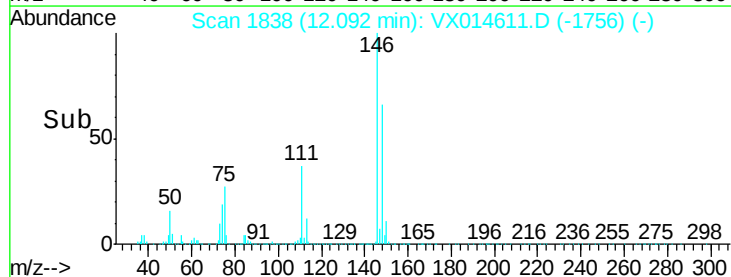
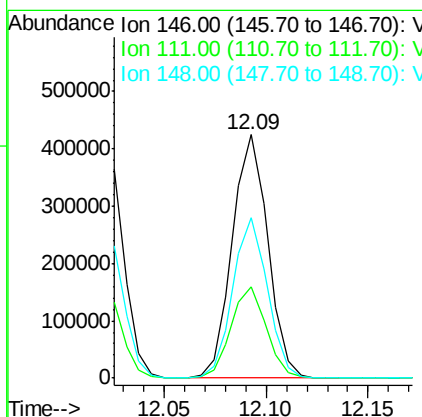
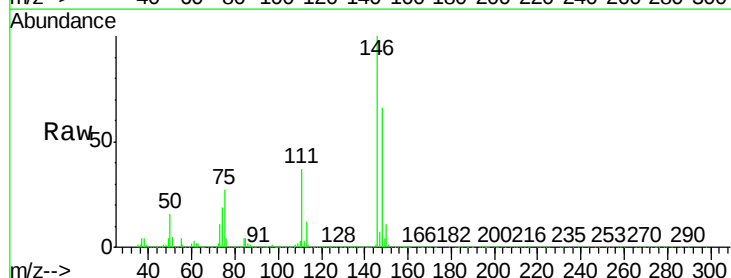
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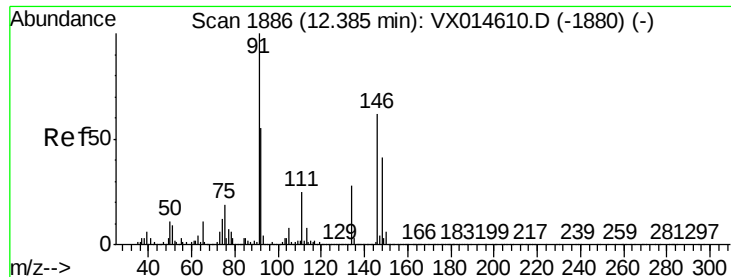
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#84
 1,4-Dichlorobenzene
 Concen: 50.825 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.4
148	64.5	32.0	96.0





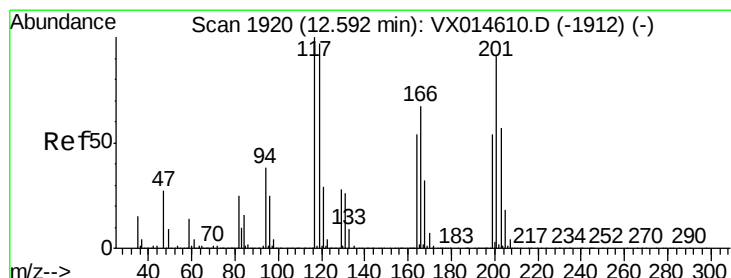
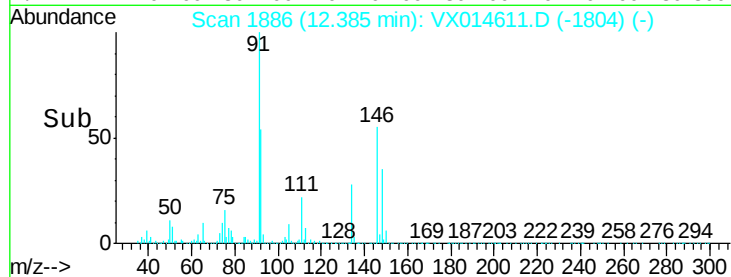
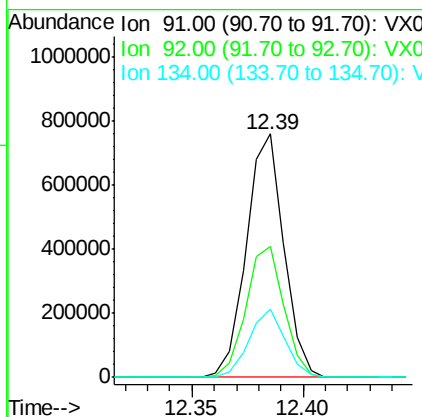
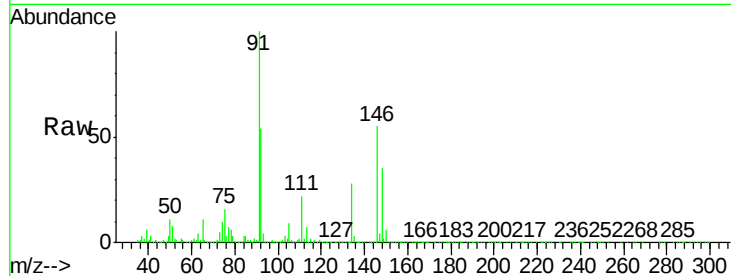
#85
n-Butylbenzene
Concen: 55.423 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	891155		
92	54.5	0.0	109.0	
134	27.0	0.0	54.0	

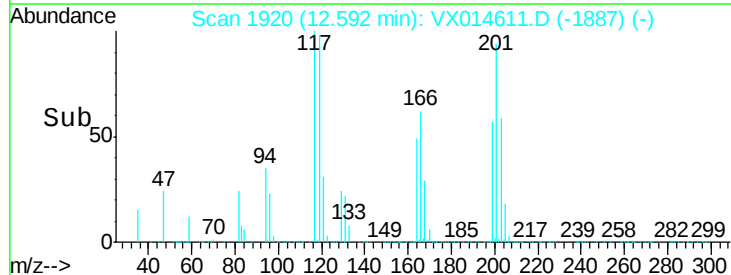
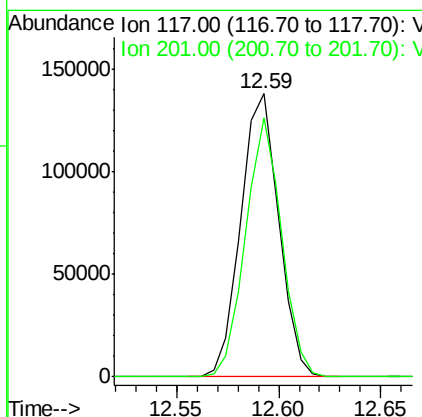
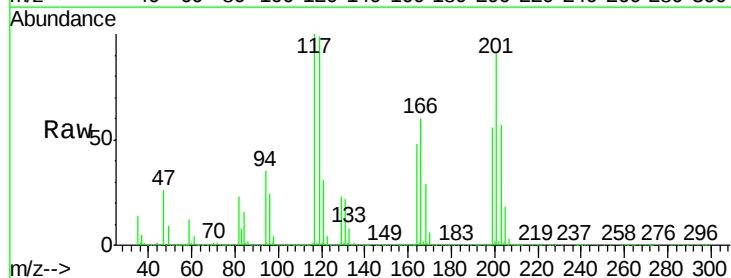
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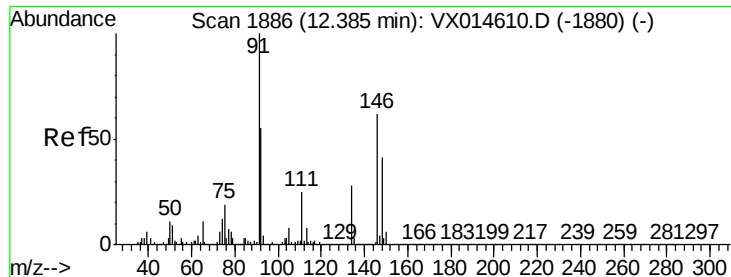
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#86
Hexachloroethane
Concen: 51.540 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178808		
201	86.7	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 50.441 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Instrument :

MSVOA_X

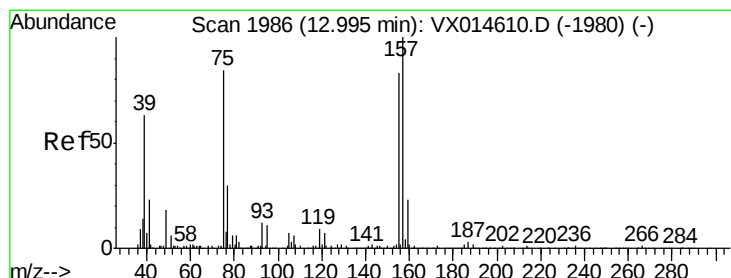
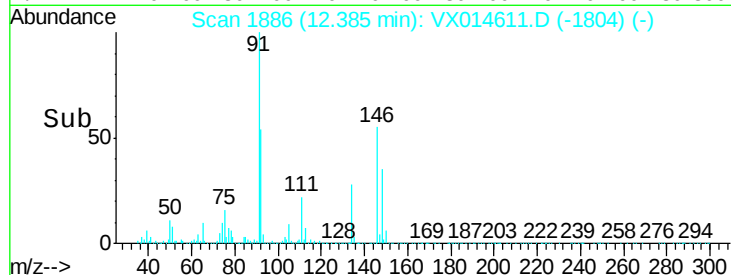
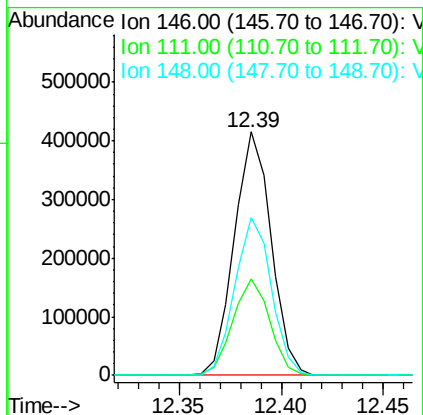
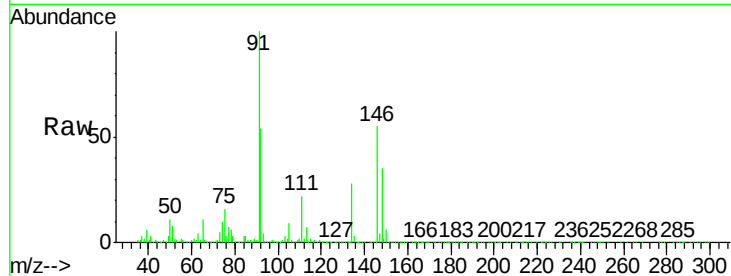
ClientSampleId :

VSTDIC050

Tot Ion:	146	Resp:	519429
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.1	60.2
148	64.5	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 53.927 ug/l

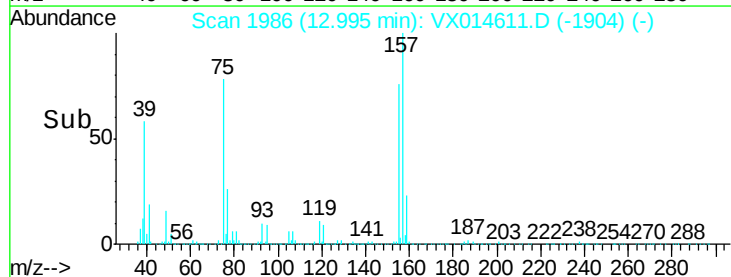
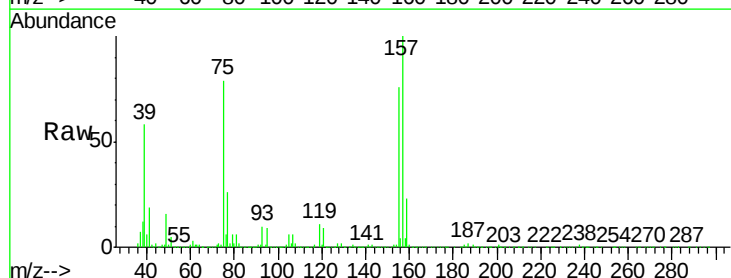
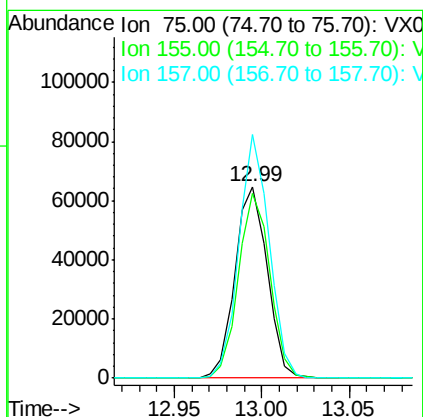
RT: 12.99 min Scan# 1986

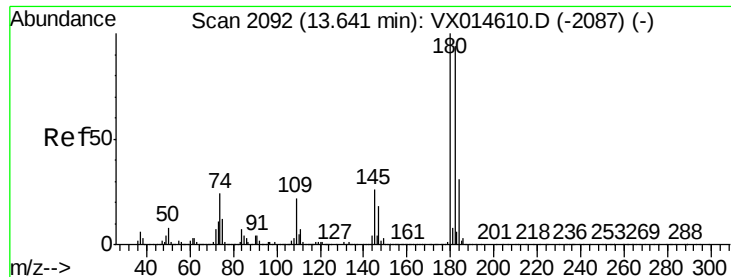
Delta R.T. 0.00 min

Lab File: VX014611.D

Acq: 15 Jan 2020 11:34

Tgt Ion:	75	Resp:	83056
Ion Ratio	Lower	Upper	
75	100		
155	93.8	73.8	110.6
157	118.9	95.0	142.4





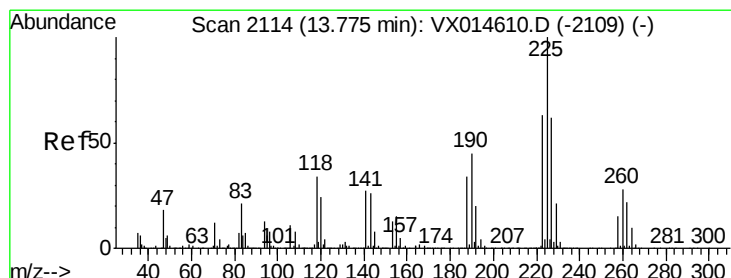
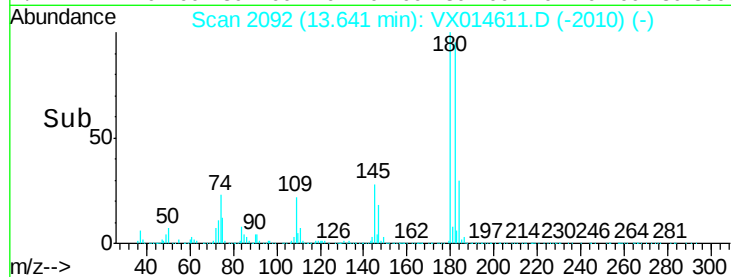
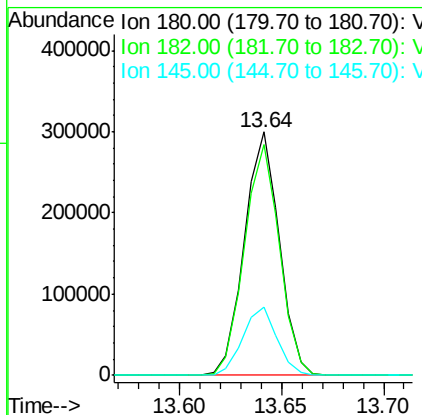
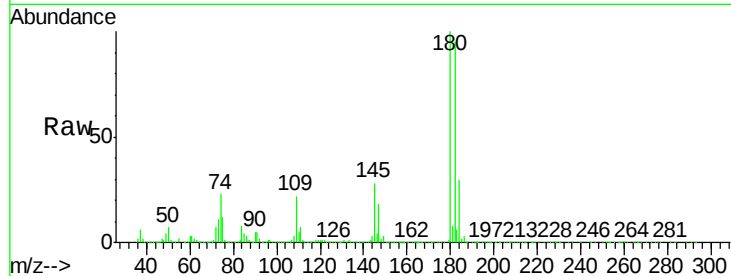
#89
 1,2,4-Trichlorobenzene
 Concen: 54.230 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	27.6	21.9	32.9

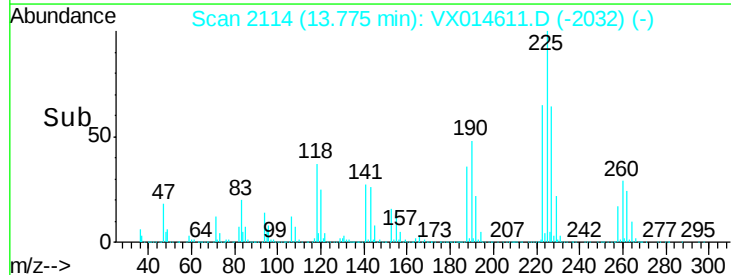
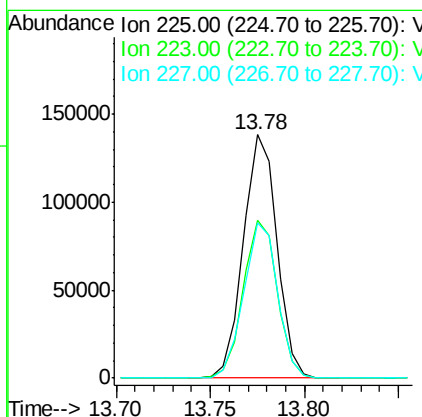
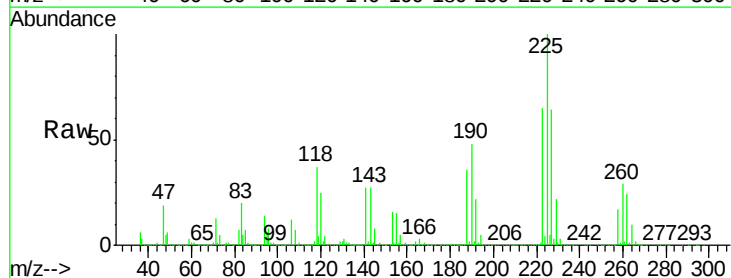
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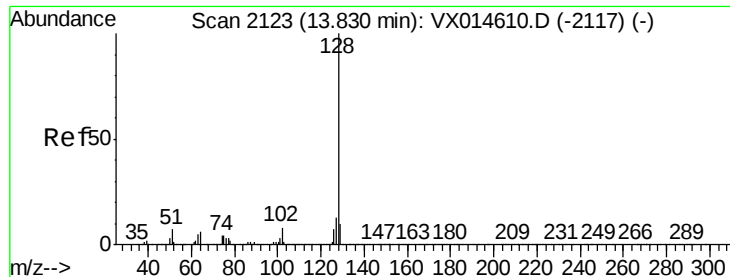
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#90
 Hexachlorobutadiene
 Concen: 54.844 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014611.D
 Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	0.0	127.4
227	64.0	0.0	122.8





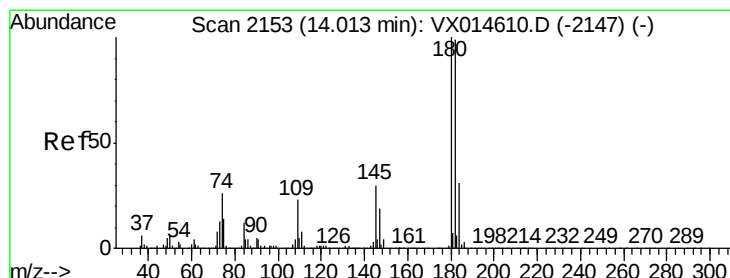
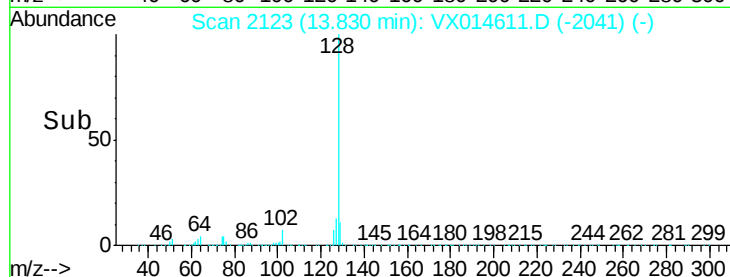
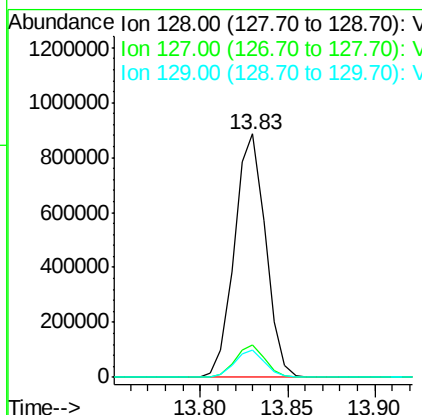
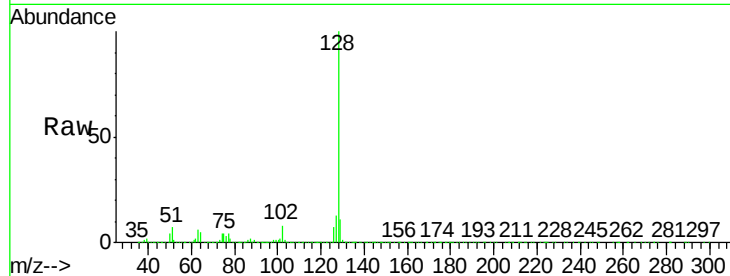
#91
Naphthalene
Concen: 55.450 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 52.789 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014611.D
Acq: 15 Jan 2020 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	192.8
145	30.5	0.0	60.0

