

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014614.D
 Acq On : 15 Jan 2020 12:59
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:42:14 AM

Quant Time: Jan 16 01:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75756	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	428543	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	386542	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	160716	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	11.13	95	184722	29.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.53%
63) Toluene-d8	8.71	98	529314	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	120260	22.970	ug/l 98
3) Chloromethane	1.32	50	135654	23.666	ug/l 97
4) Vinyl Chloride	1.40	62	144396	22.435	ug/l 98
5) Bromomethane	1.64	94	89736	22.343	ug/l 97
6) Chloroethane	1.72	64	80815	22.274	ug/l 98
7) Trichlorofluoromethane	1.92	101	154165	21.633	ug/l 98
8) Diethyl Ether	2.18	74	66849	21.476	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94373	22.635	ug/l 99
10) 1,1-Dichloroethene	2.37	96	93042	22.186	ug/l 99
11) Methyl Iodide	2.50	142	99964	17.774	ug/l 99
12) Methyl Acetate	2.76	43	161620	21.334	ug/l 99
13) Acrolein	2.28	56	77811	97.784	ug/l 99
14) Acrylonitrile	3.12	53	265932	102.588	ug/l 99
15) Acetone	2.43	58	87670	100.882	ug/l 82
16) Carbon Disulfide	2.56	76	268320	23.296	ug/l 99
17) Allyl chloride	2.72	41	164634	21.212	ug/l 98
18) Methylene Chloride	2.84	84	107674	21.938	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	100565	22.276	ug/l 96
20) Diisopropyl ether	3.84	45	333100	21.692	ug/l 98
21) 1,1-Dichloroethane	3.69	63	178130	21.353	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	112725	21.729	ug/l 96
23) tert-Butyl Alcohol	3.02	59	113828	106.178	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	304164	21.794	ug/l 99
25) Chloroform	5.20	83	172487	21.345	ug/l 97
26) Cyclohexane	5.56	56	170667	22.180	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	135975	21.635	ug/l 100
30) 2-Butanone	4.65	43	395013	99.218	ug/l 99
31) 2,2-Dichloropropane	4.58	77	145554	21.644	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	146427	21.059	ug/l 98
33) Carbon Tetrachloride	5.77	117	125800	21.074	ug/l 96
34) Benzene	6.13	78	411690	21.198	ug/l 98
35) Methacrylonitrile	5.02	41	78063	19.633	ug/l 98
36) 1,2-Dichloroethane	6.18	62	137478	20.341	ug/l 100
37) Trichloroethene	7.20	130	114185	21.473	ug/l 92
38) Methylcyclohexane	7.45	83	172680	22.067	ug/l 100
39) 1,2-Dichloropropane	7.50	63	106090	21.007	ug/l 91
40) Dibromomethane	7.65	93	66835	20.593	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	128288	20.184	ug/l	99
42) Vinyl Acetate	3.80	43	1295585	105.580	ug/l	99
43) Ethyl Acetate	4.81	43	138066	19.157	ug/l	99
44) Isopropyl Acetate	6.43	43	235967	20.296	ug/l	98
45) 1,4-Dioxane	7.73	88	48856	420.086	ug/l	99
46) Methyl methacrylate	7.76	41	116786	20.426	ug/l	97
47) n-amyl Acetate	10.89	43	196829	20.205	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	146856	21.164	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	166368	21.278	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	103062	20.868	ug/l	99
51) Ethyl methacrylate	9.17	69	158887	20.662	ug/l	96
52) 1,3-Dichloropropane	9.36	76	171920	20.546	ug/l	97
53) Dibromochloromethane	9.57	129	107179	21.217	ug/l	97
54) 1,2-Dibromoethane	9.67	107	107407	20.970	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	382329	108.185	ug/l	99
56) Bromoform	10.85	173	75734	19.464	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	743648	102.160	ug/l	99
59) 2-Hexanone	9.48	43	575489	102.225	ug/l	99
61) Tetrachloroethene	9.33	164	118123	20.675	ug/l	93
62) Toluene	8.78	91	439411	21.426	ug/l	99
64) Chlorobenzene	10.13	112	277501	21.676	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	97942	20.714	ug/l	99
66) Ethyl Benzene	10.25	91	483989	21.667	ug/l	98
67) m/p-Xylenes	10.36	106	373041	43.599	ug/l	99
68) o-Xylene	10.70	106	176598	21.196	ug/l	100
69) Styrene	10.71	104	301449	21.354	ug/l	99
70) Isopropylbenzene	11.01	105	478036	21.901	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	150640	20.488	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	129785m	20.636	ug/l	
73) Bromobenzene	11.25	156	123755	21.388	ug/l	99
74) n-propylbenzene	11.35	91	549833	22.044	ug/l	99
75) 2-Chlorotoluene	11.42	91	321225	21.489	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	393421	21.631	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	48076	19.862	ug/l	94
78) 4-Chlorotoluene	11.51	91	370297	21.812	ug/l	97
79) tert-butylbenzene	11.76	119	373769	21.963	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	390559	21.530	ug/l	99
81) sec-Butylbenzene	11.94	105	464106	22.039	ug/l	100
82) p-Isopropyltoluene	12.06	119	418339	21.760	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	219846	21.760	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	217964	21.761	ug/l	99
85) n-Butylbenzene	12.39	91	367992	21.877	ug/l	100
86) Hexachloroethane	12.59	117	71226	20.660	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	218892	21.473	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	32052	20.407	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	150024	22.296	ug/l	98
90) Hexachlorobutadiene	13.78	225	75660	22.504	ug/l	97
91) Naphthalene	13.83	128	431918	21.265	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	146688	21.418	ug/l	99

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ClientSampleId :
ICVVX011520

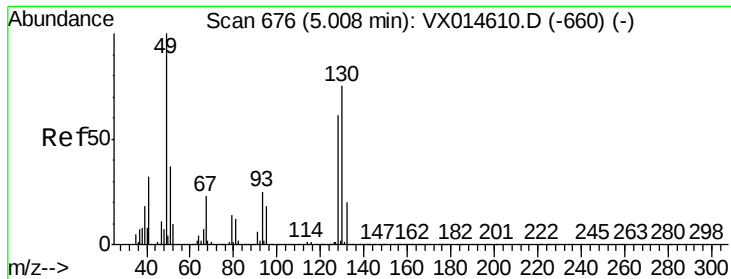
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

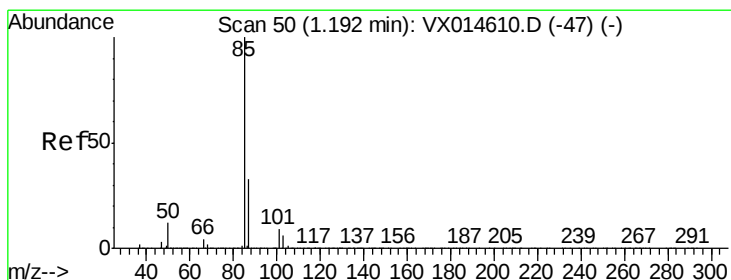
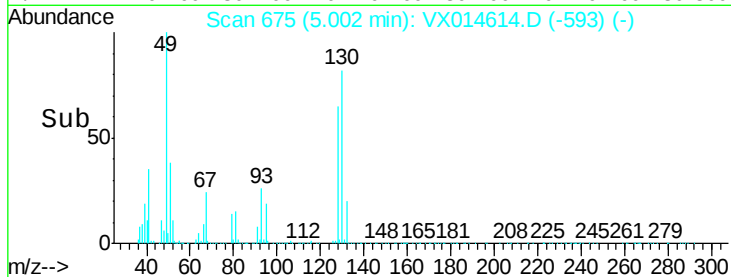
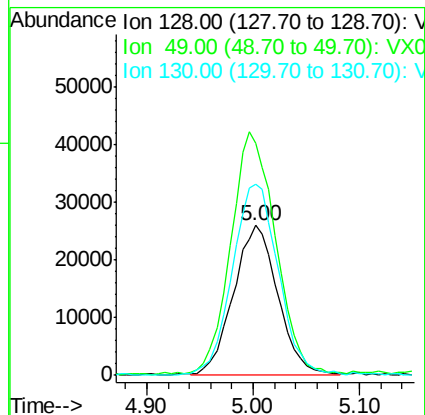
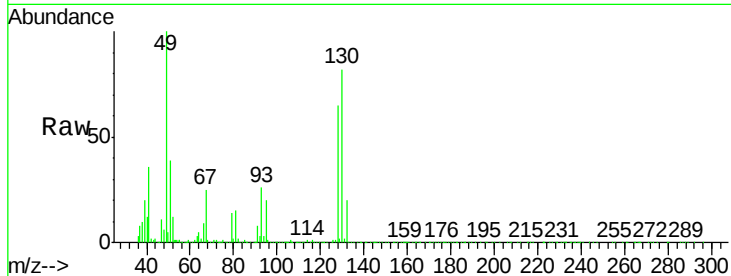
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

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Tot Ion	Ratio	Lower	Upper
128	100		
49	162.0	0.0	405.0
130	131.4	0.0	321.5

Manual Integrations
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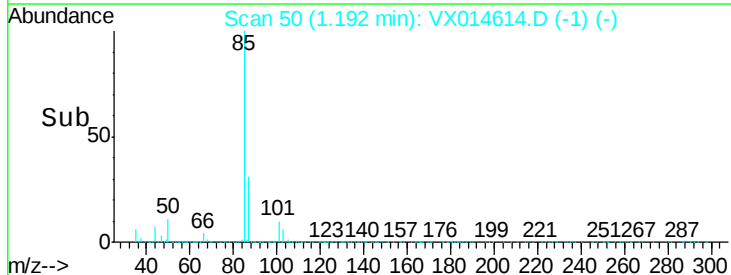
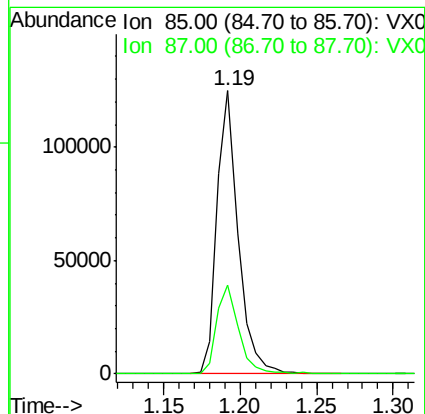
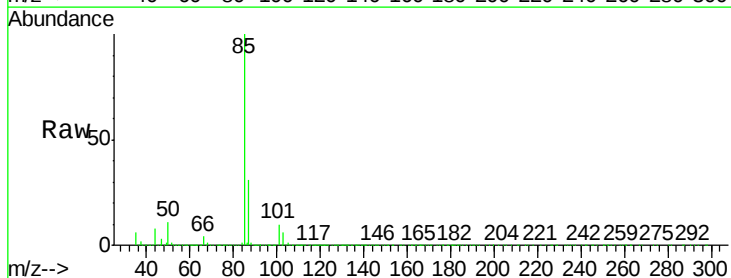
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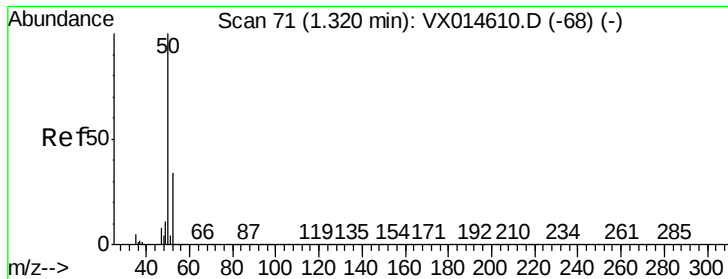


#2

Dichlorodifluoromethane
 Concen: 22.970 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.3	48.9





#3

Chloromethane

Concen: 23.666 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

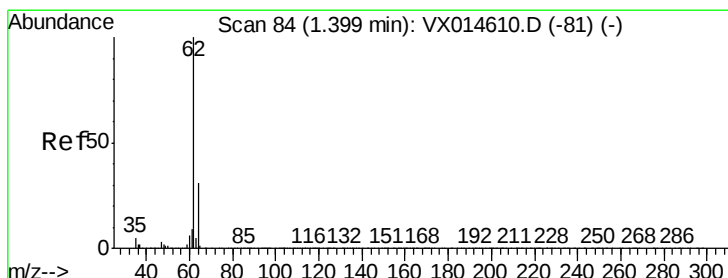
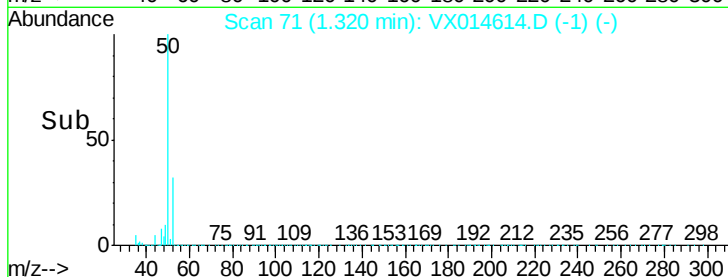
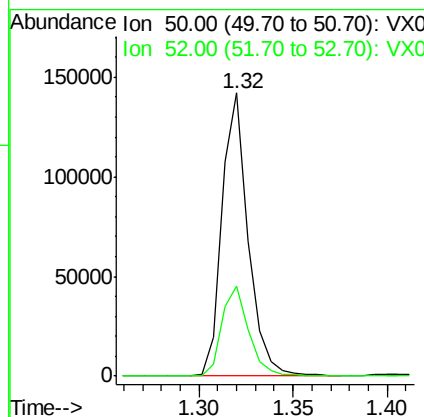
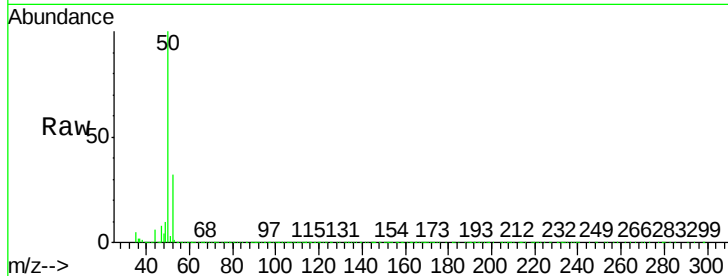
ClientSampleId :

ICVVX011520

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.9	24.3	36.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 22.435 ug/l

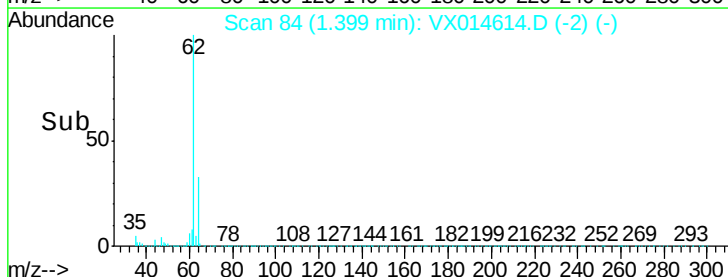
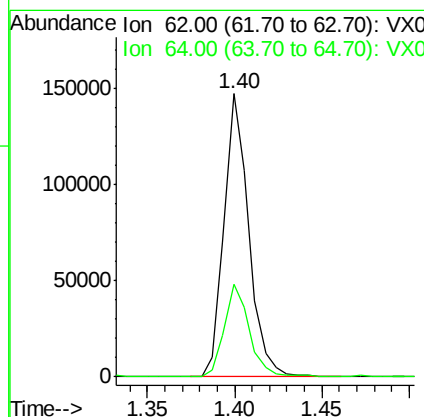
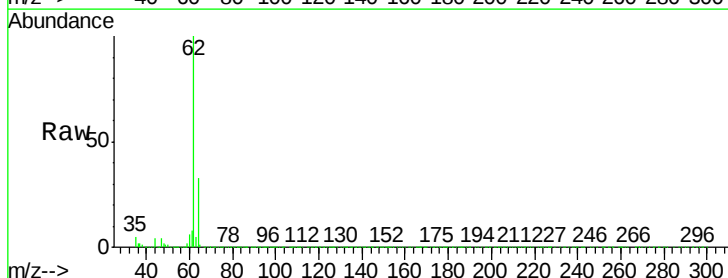
RT: 1.40 min Scan# 84

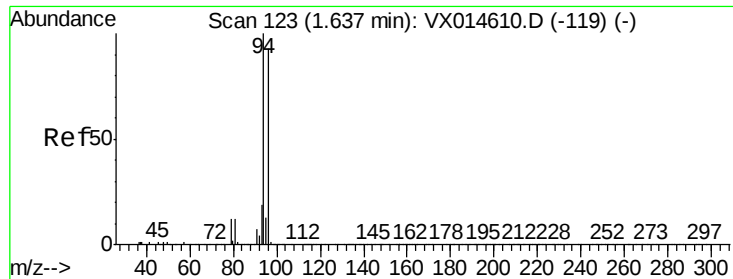
Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.2	37.8





#5

Bromomethane

Concen: 22.343 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 94 Resp: 89736

Ion Ratio Lower Upper

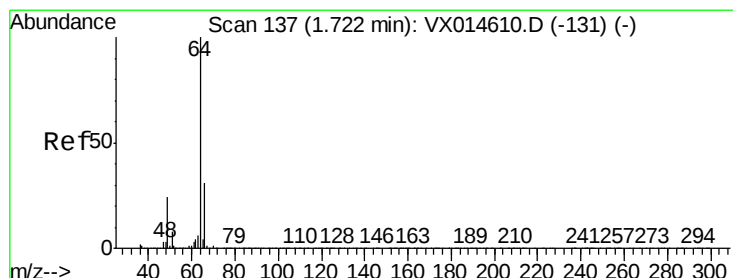
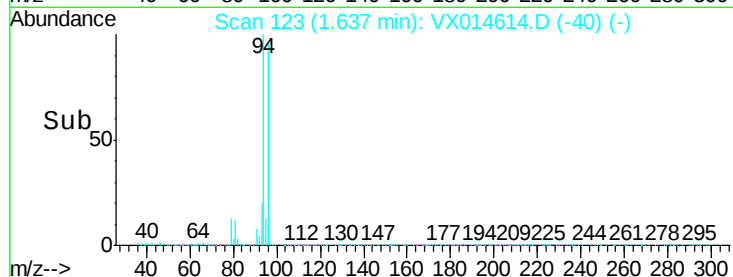
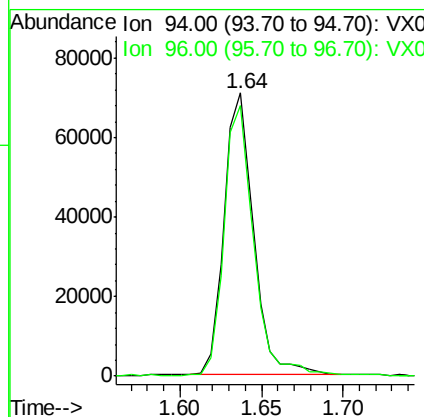
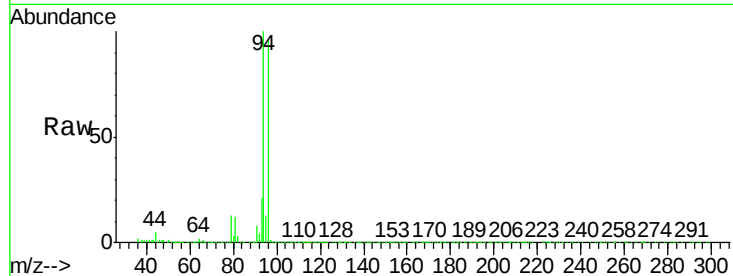
94 100

96 95.5 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 22.274 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014614.D

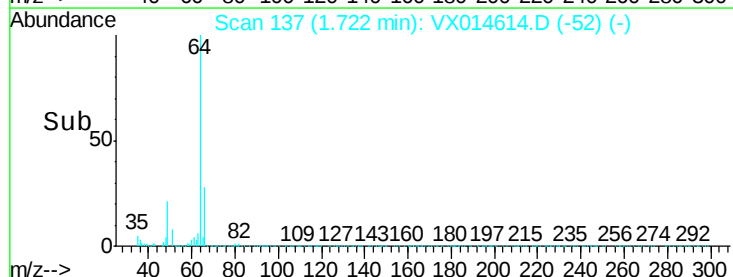
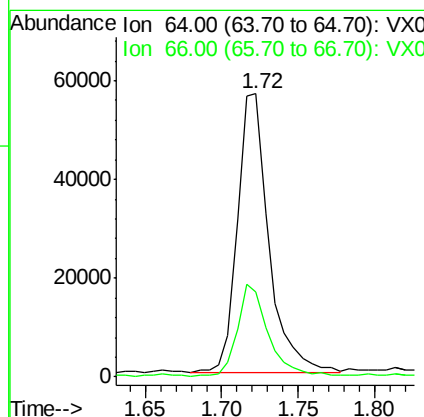
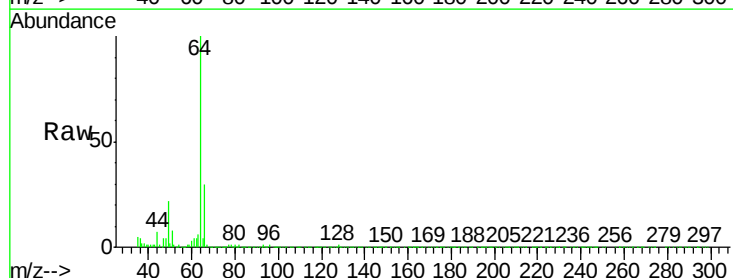
Acq: 15 Jan 2020 12:59

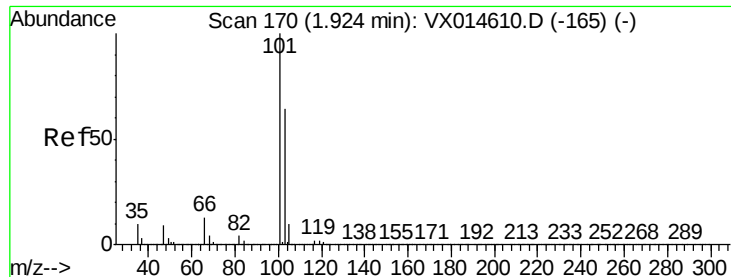
Tgt Ion: 64 Resp: 80815

Ion Ratio Lower Upper

64 100

66 30.3 25.2 37.8





#7

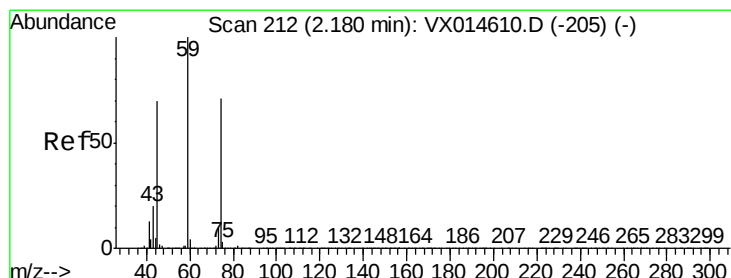
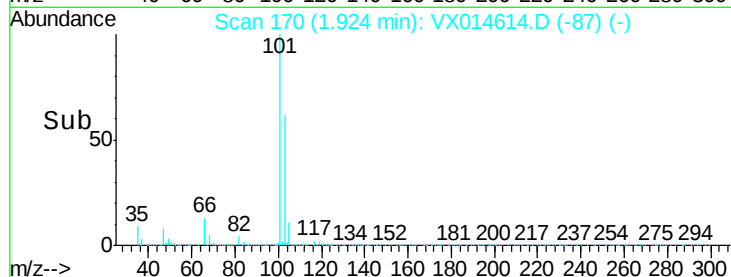
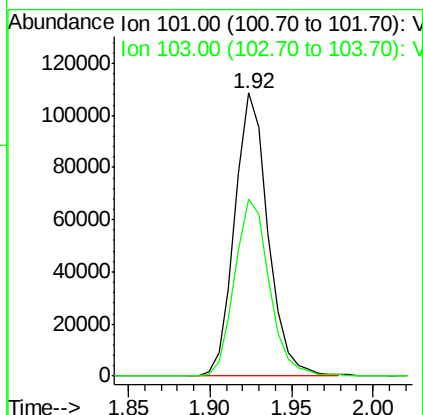
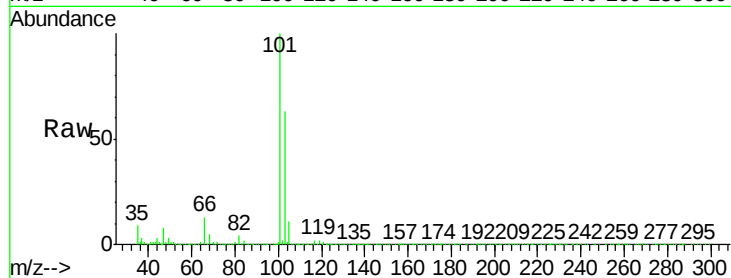
Trichlorofluoromethane
Concen: 21.633 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
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ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.6	77.4

Manual Integrations
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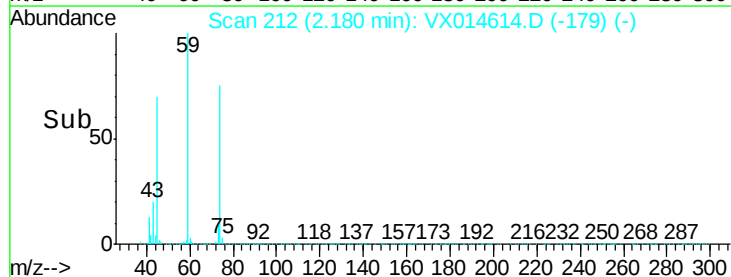
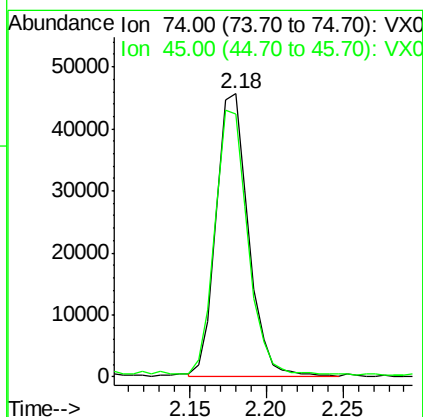
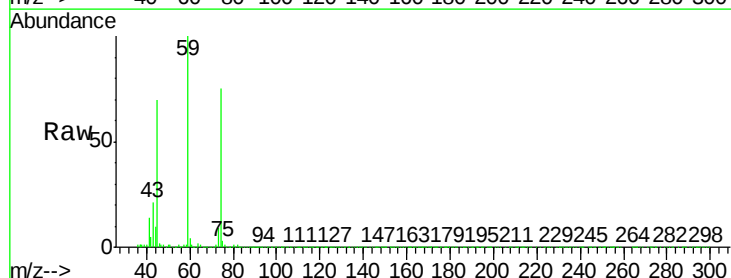
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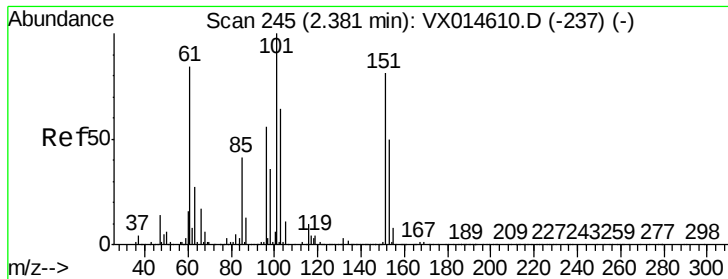


#8

Diethyl Ether
Concen: 21.476 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.635 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

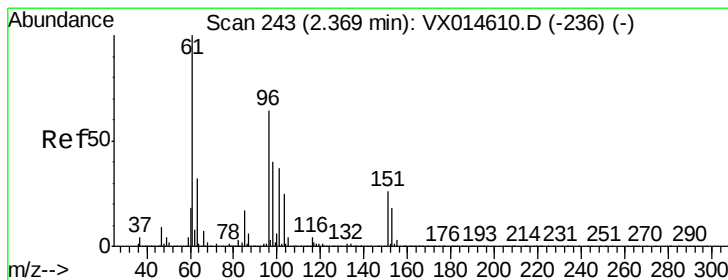
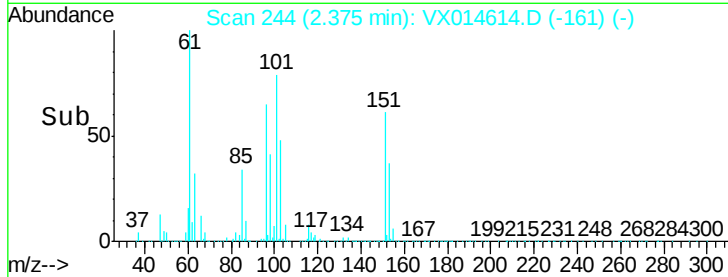
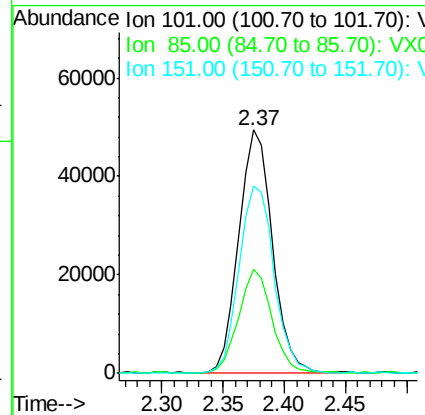
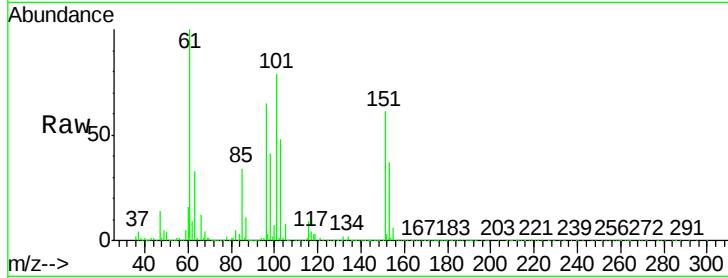
ClientSampleId :

ICVVX011520

Tot Ion:	101	Resp:	94373
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	85.6
151	79.9	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 22.186 ug/l

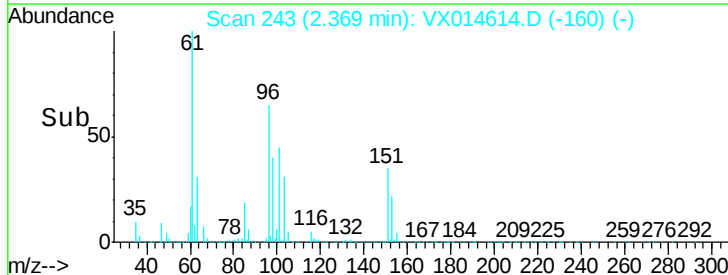
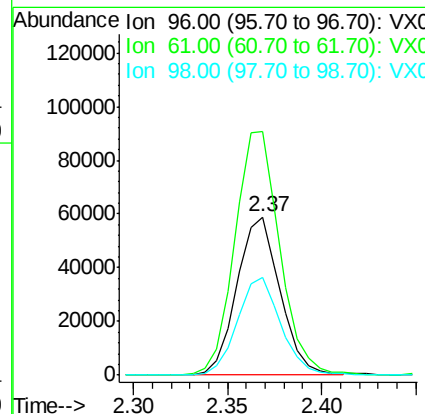
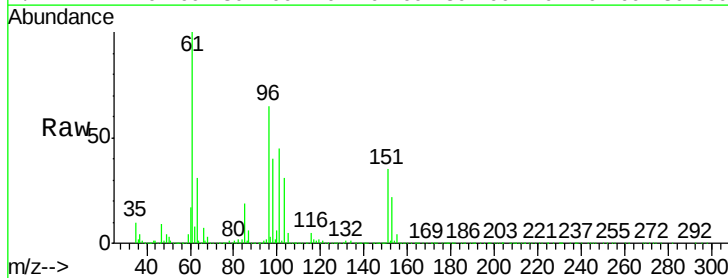
RT: 2.37 min Scan# 243

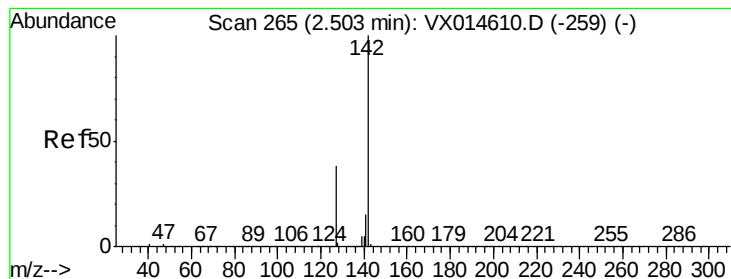
Delta R.T. 0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	96	Resp:	93042
Ion Ratio	Lower	Upper	
96	100		
61	153.8	123.0	184.6
98	61.8	51.4	77.0





#11

Methyl Iodide

Concen: 17.774 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

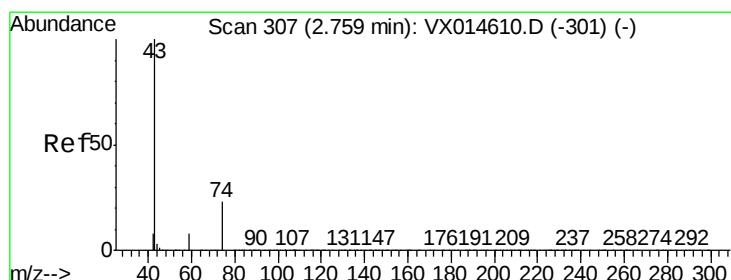
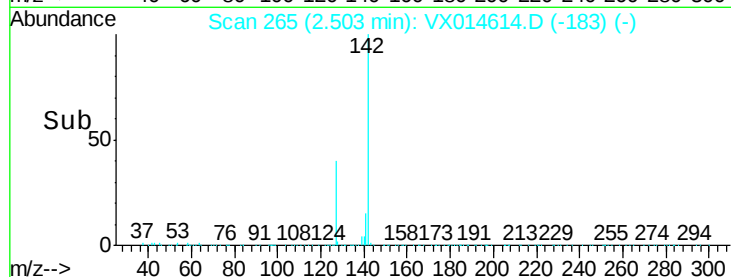
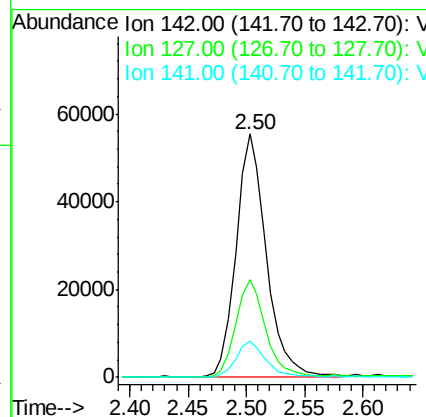
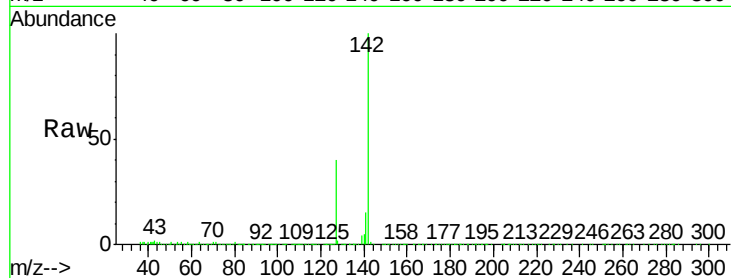
ClientSampleId :

ICVVX011520

Tot Ion:	142	Resp:	99964
Ion Ratio	Lower	Upper	
142	100		
127	39.7	19.5	58.5
141	14.5	7.0	20.9

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#12

Methyl Acetate

Concen: 21.334 ug/l

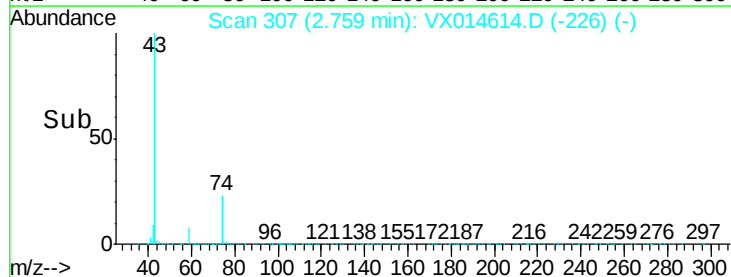
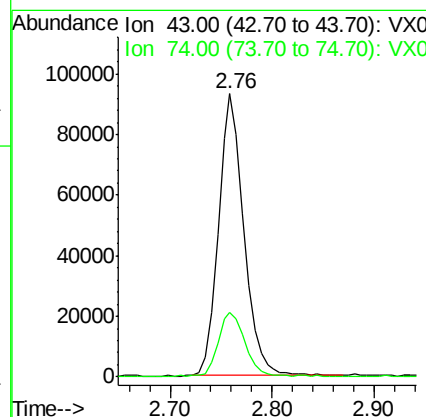
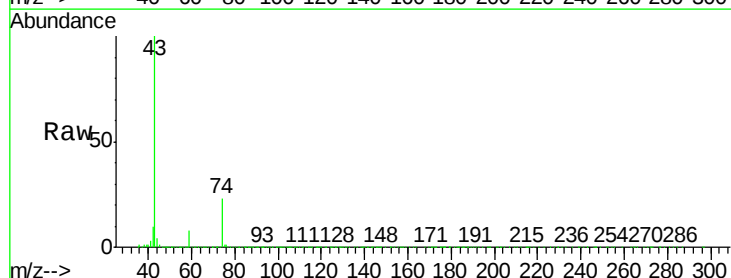
RT: 2.76 min Scan# 307

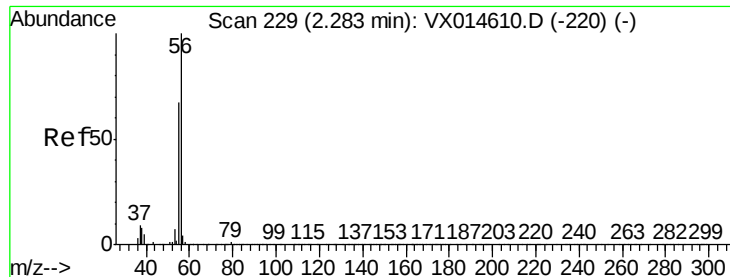
Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	43	Resp:	161620
Ion Ratio	Lower	Upper	
43	100		
74	22.7	18.5	27.7





#13

Acrolein

Concen: 97.784 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 56 Resp: 77811

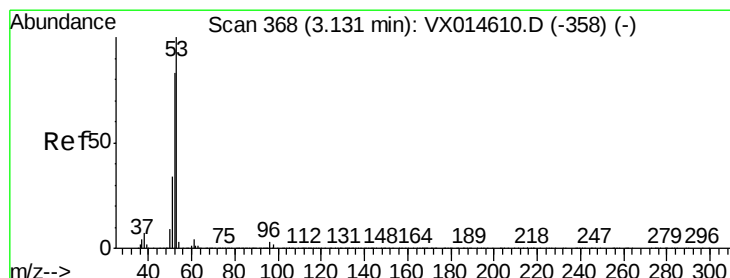
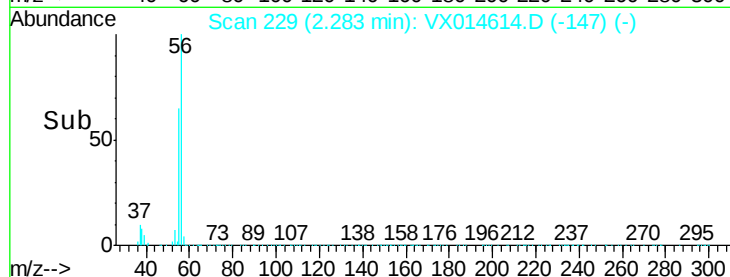
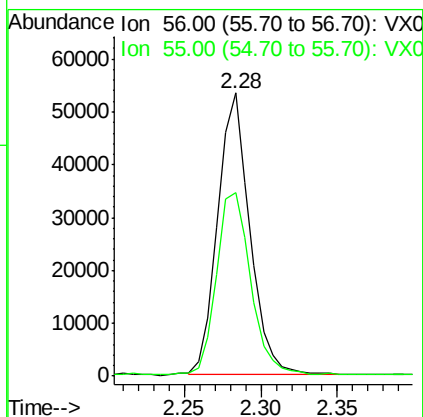
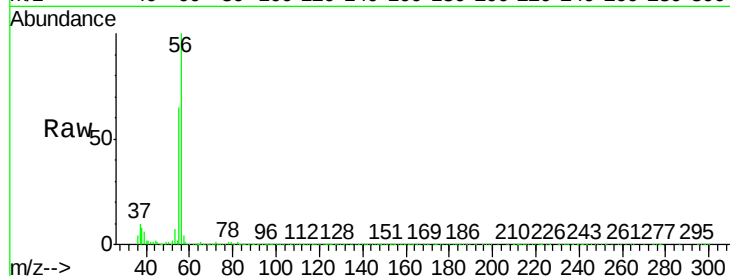
Ion Ratio Lower Upper

56 100

55 69.3 54.9 82.3

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#14

Acrylonitrile

Concen: 102.588 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

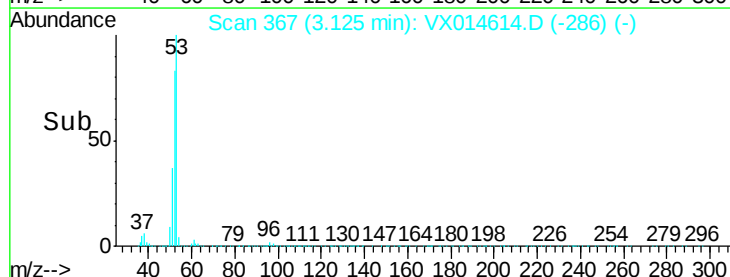
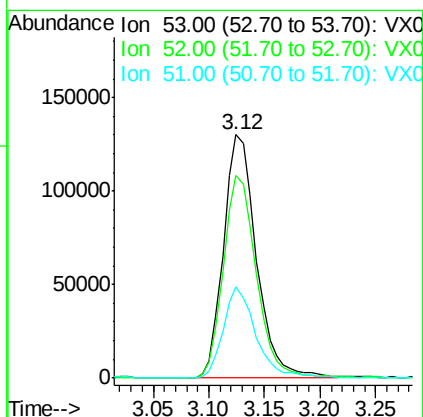
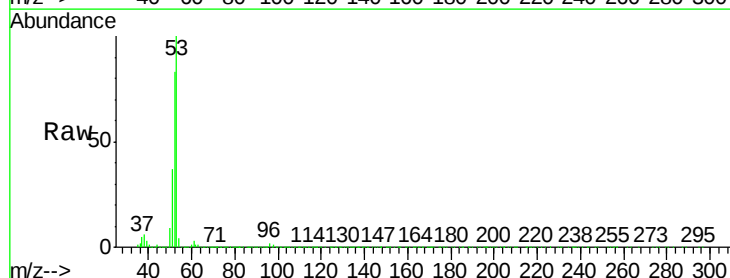
Tgt Ion: 53 Resp: 265932

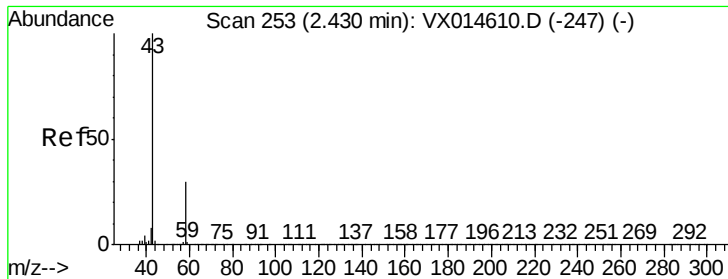
Ion Ratio Lower Upper

53 100

52 83.1 41.5 124.6

51 36.9 17.8 53.5





#15

Acetone

Concen: 100.882 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 58 Resp: 87670

Ion Ratio Lower Upper

58 100

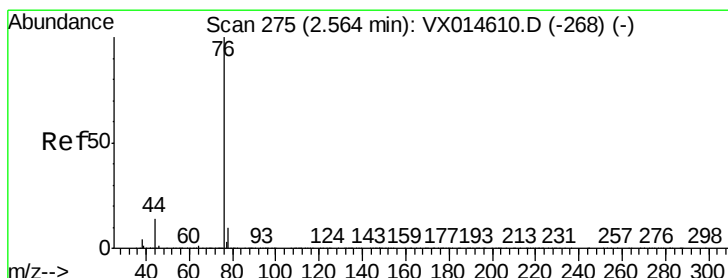
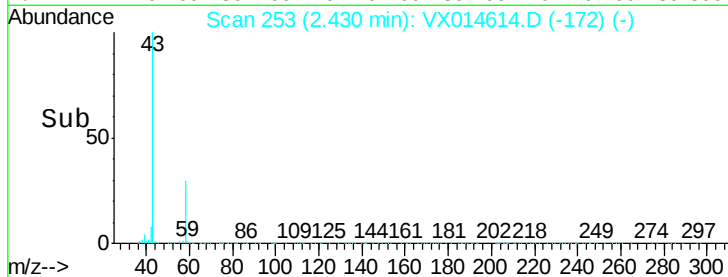
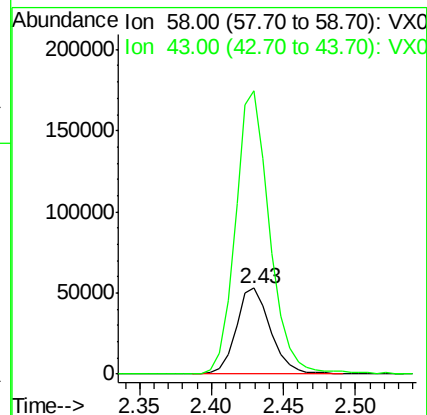
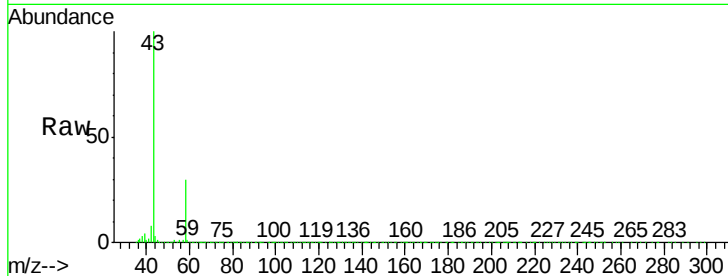
43 330.5 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 23.296 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014614.D

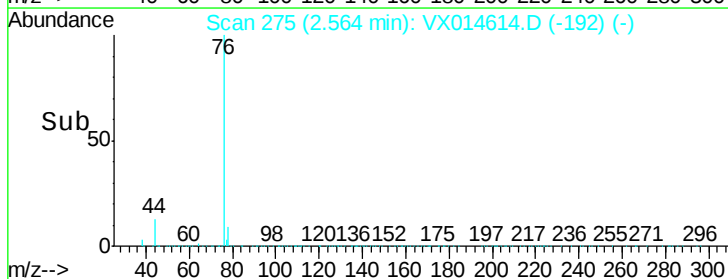
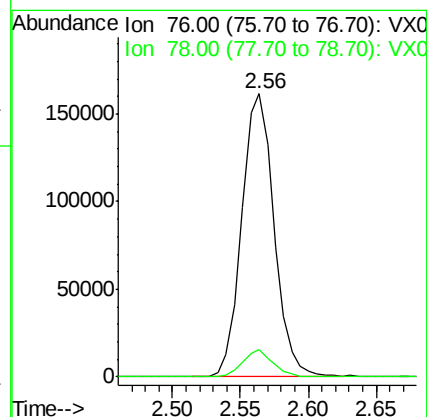
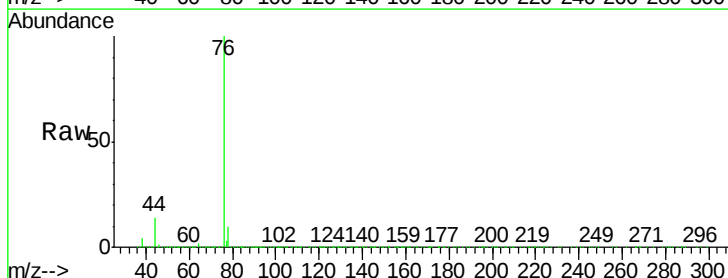
Acq: 15 Jan 2020 12:59

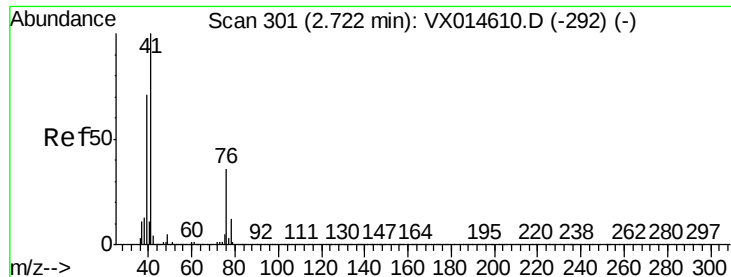
Tgt Ion: 76 Resp: 268320

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8





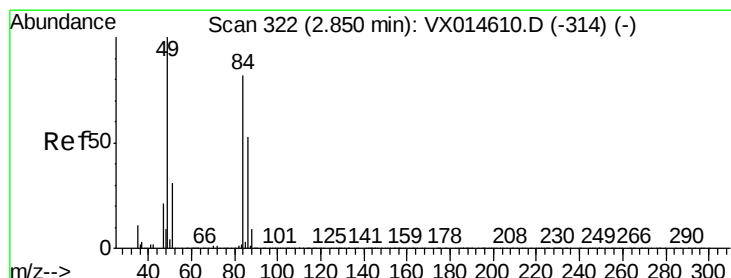
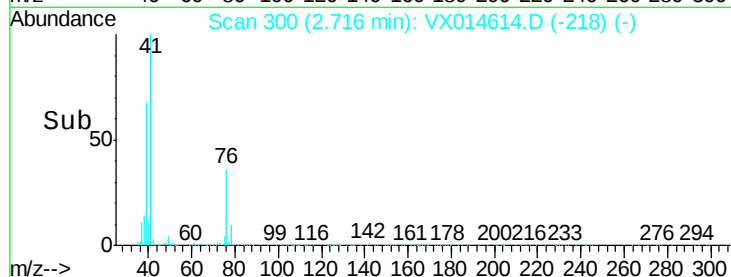
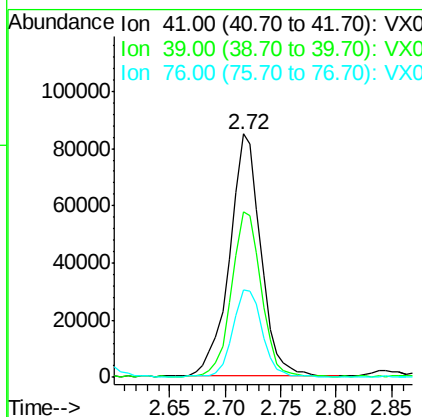
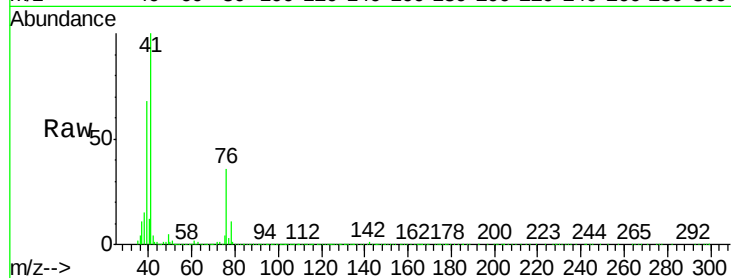
#17
Allvl chloride
Concen: 21.212 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		164634		
39	67.9	33.4	100.2		
76	35.9	17.0	50.9		

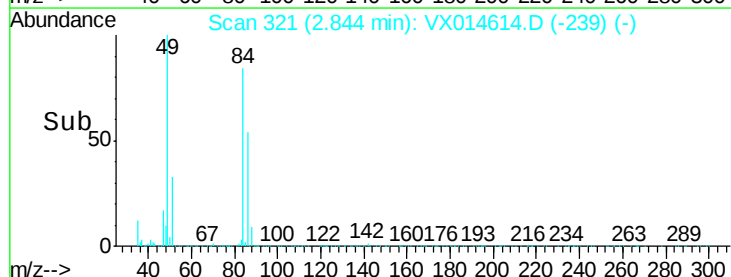
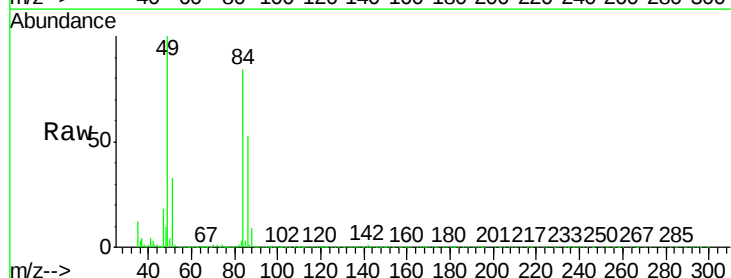
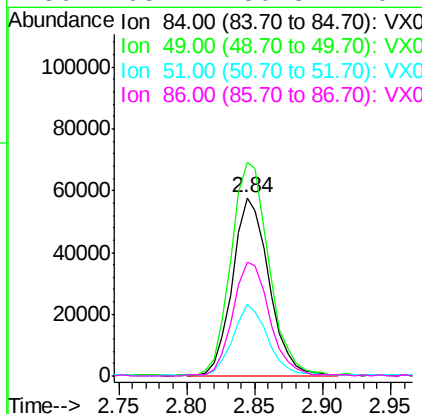
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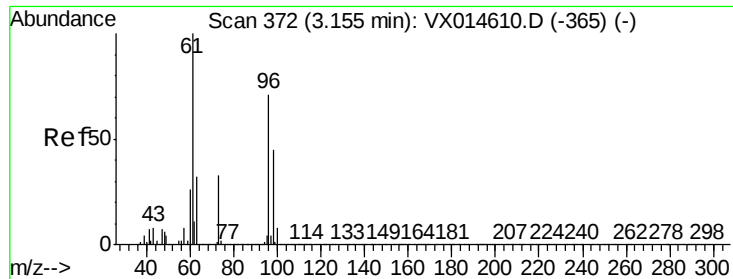
MMDadoda
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#18
Methylene Chloride
Concen: 21.938 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	100		107674		
49	119.2	102.2	153.2		
51	39.4	31.4	47.0		
86	63.7	50.8	76.2		





#19

trans-1,2-Dichloroethene

Concen: 22.276 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

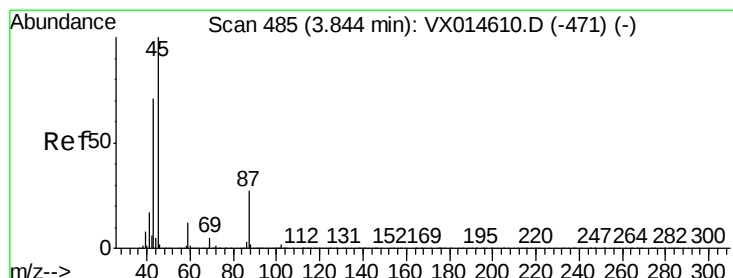
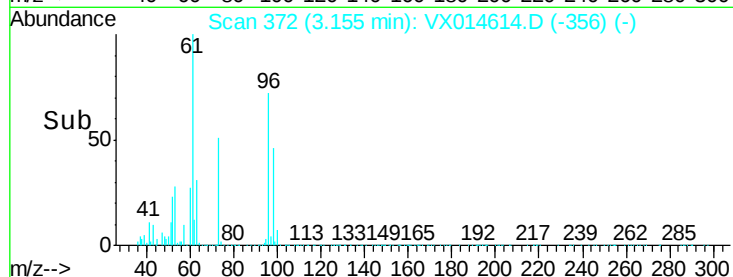
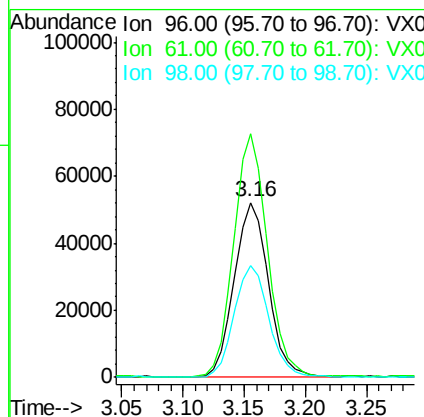
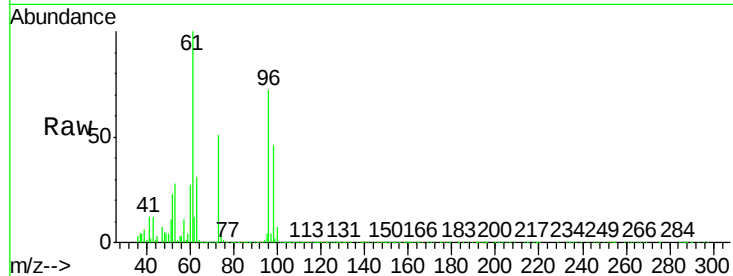
ClientSampleId :

ICVVX011520

Tot Ion:	96	Resp:	100565
Ion Ratio	Lower	Upper	
96	100		
61	139.4	106.6	159.8
98	63.6	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 21.692 ug/l

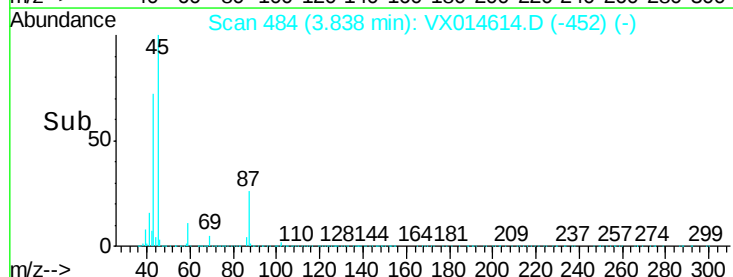
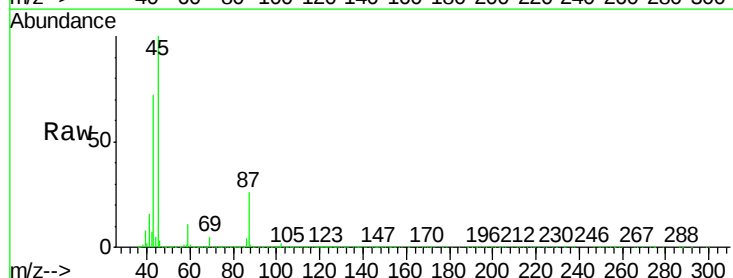
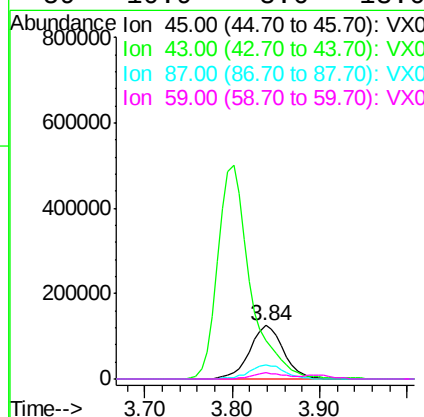
RT: 3.84 min Scan# 484

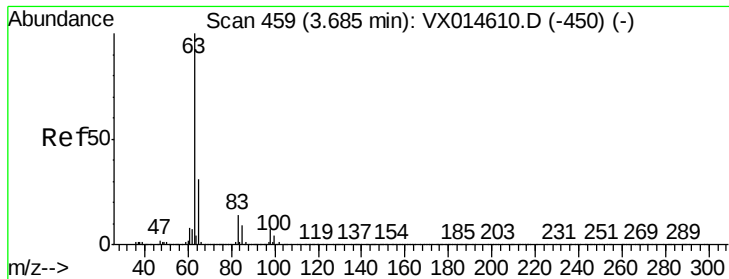
Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	45	Resp:	333100
Ion Ratio	Lower	Upper	
45	100		
43	70.6	55.9	83.9
87	25.6	22.2	33.2
59	10.9	8.6	13.0





#21

1,1-Dichloroethane

Concen: 21.353 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

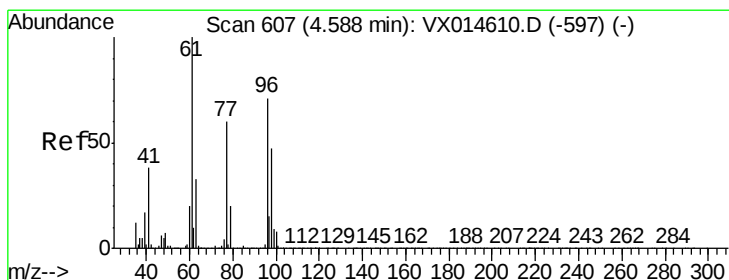
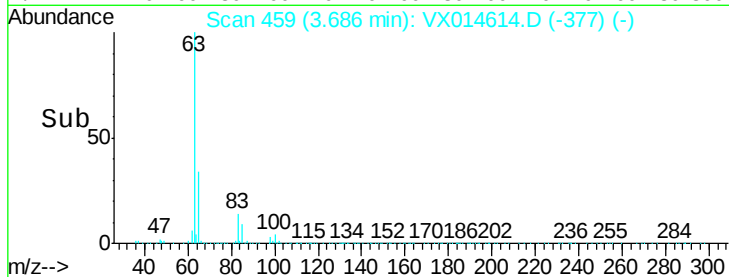
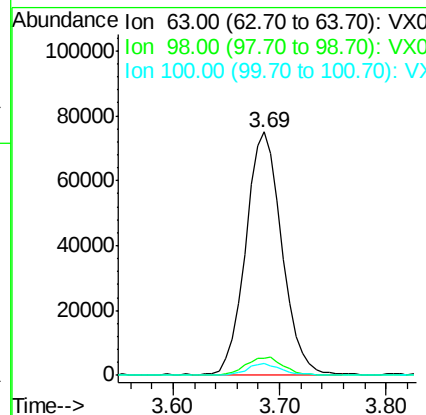
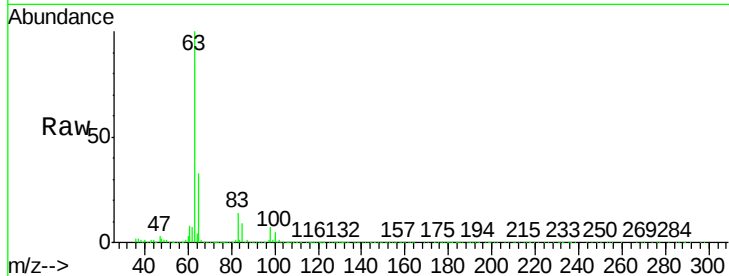
ClientSampleId :

ICVVX011520

Tot Ion:	63	Resp:	178130
Ion Ratio		Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.8	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 21.729 ug/l

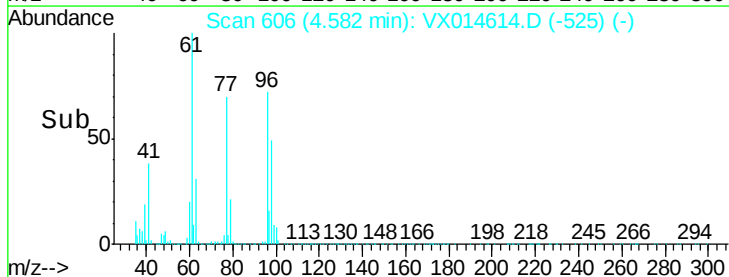
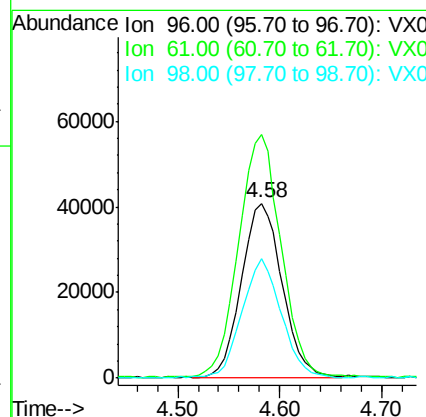
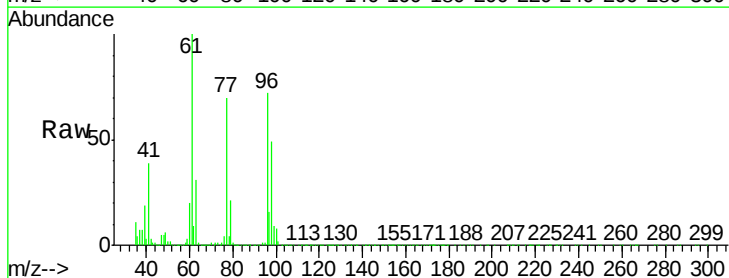
RT: 4.58 min Scan# 606

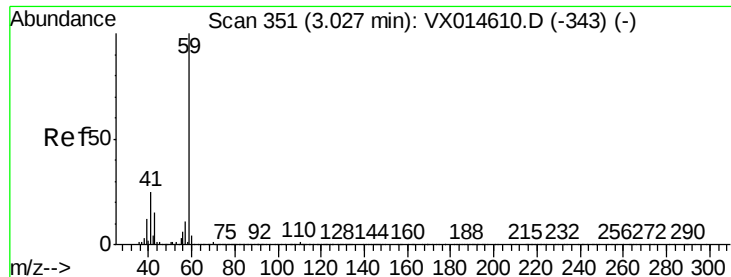
Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	96	Resp:	112725
Ion Ratio		Lower	Upper
96	100		
61	146.1	112.4	168.6
98	65.4	50.3	75.5





#23

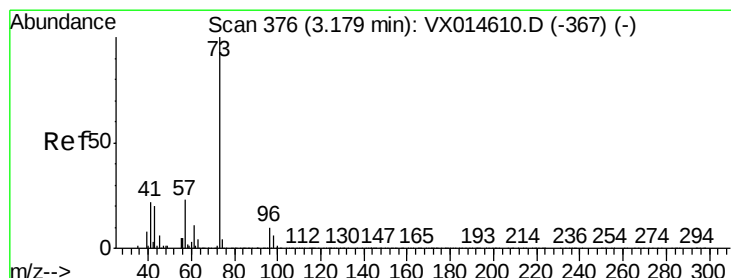
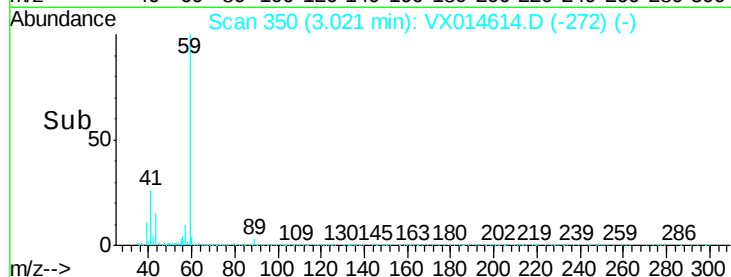
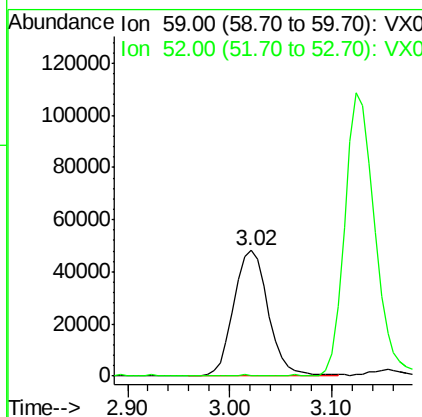
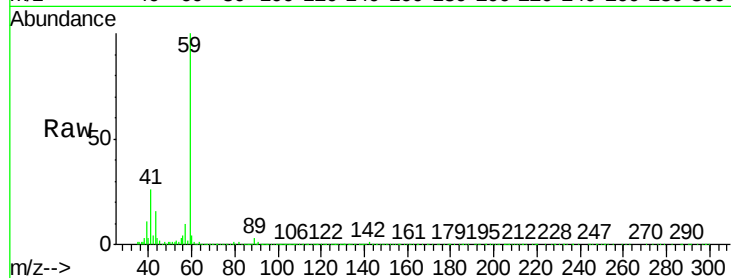
tert-Butyl Alcohol
Concen: 106.178 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.6	0.2	0.2#

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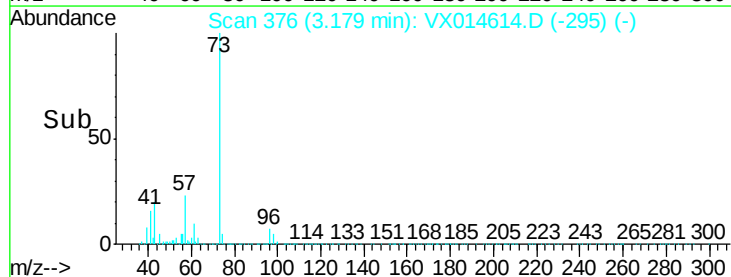
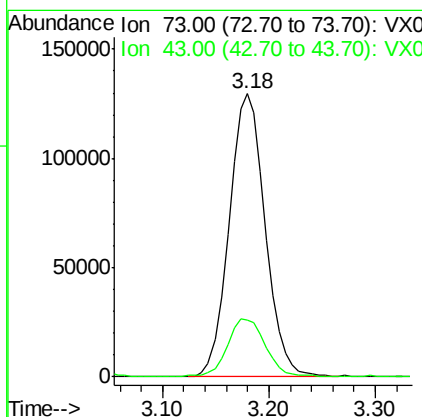
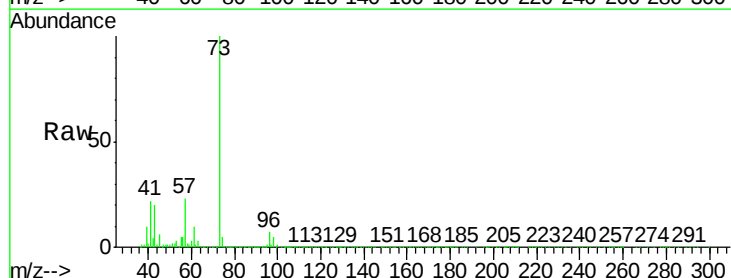
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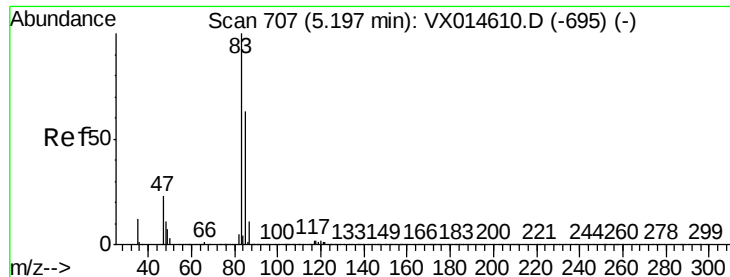


#24

Methyl tert-Butyl Ether
Concen: 21.794 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.6	25.0





#25

Chloroform

Concen: 21.345 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 83 Resp: 172487

Ion Ratio Lower Upper

83 100

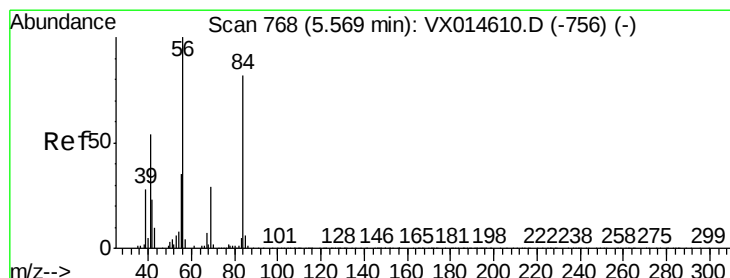
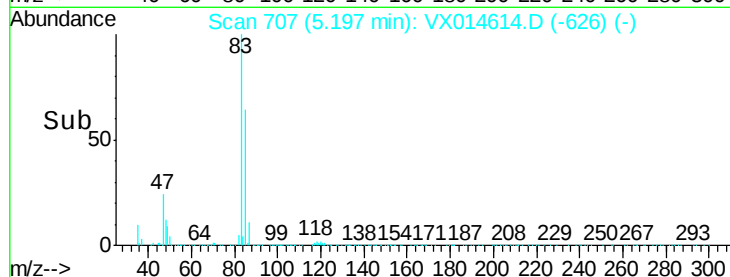
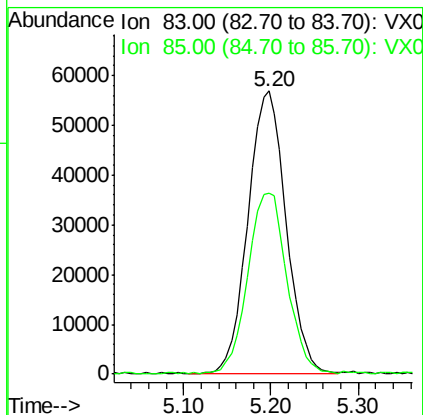
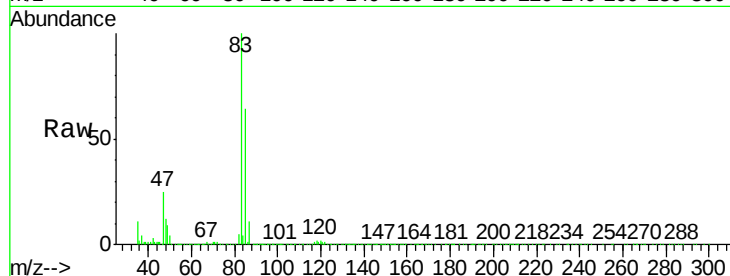
85 63.6 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 22.180 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

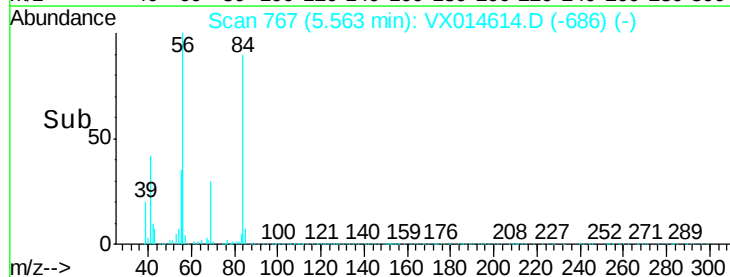
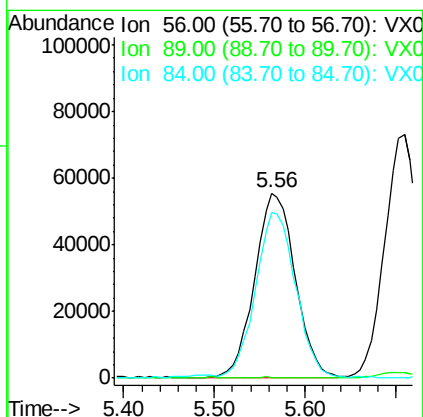
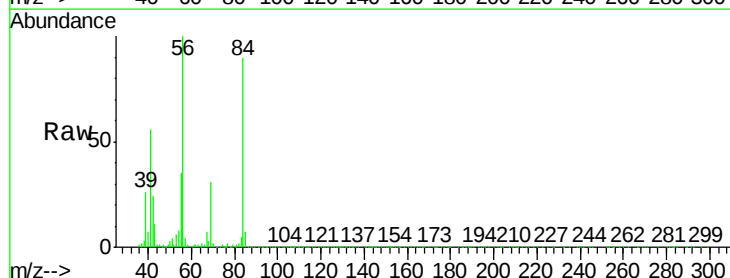
Tgt Ion: 56 Resp: 170667

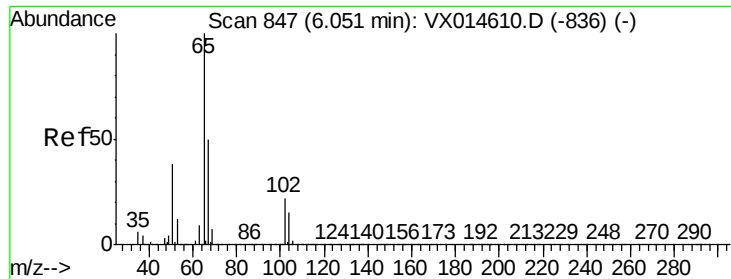
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 89.0 70.8 106.2





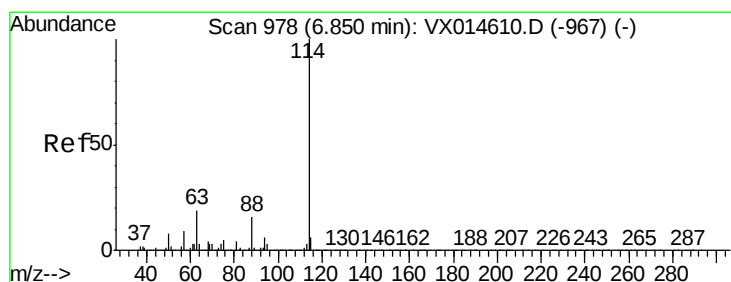
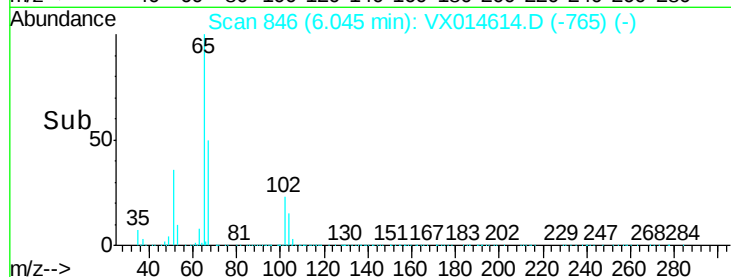
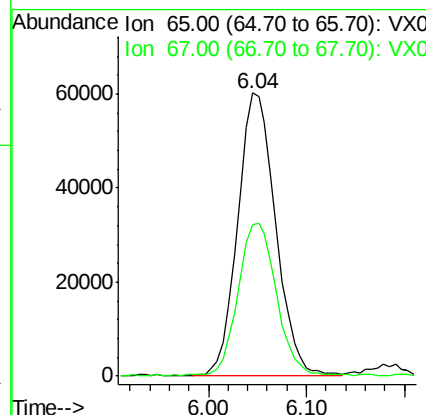
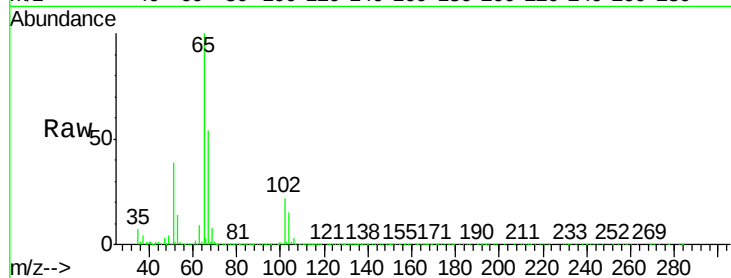
#27
 1,2-Dichloroethane-d4
 Concen: 30.183 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	43.1	64.7

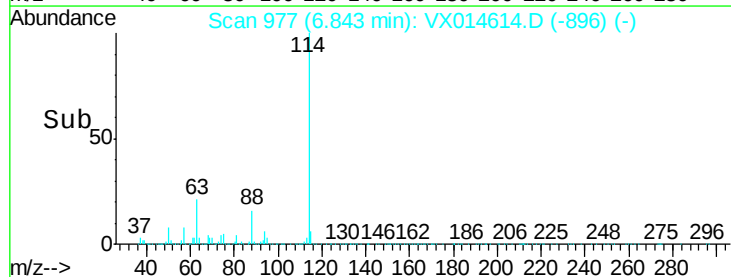
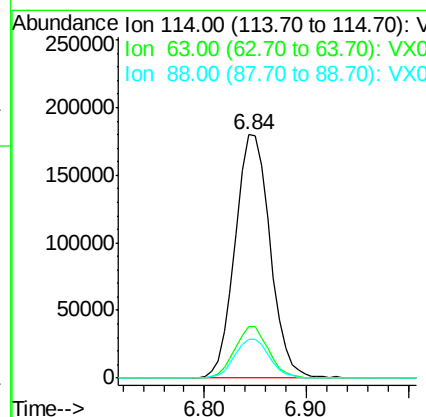
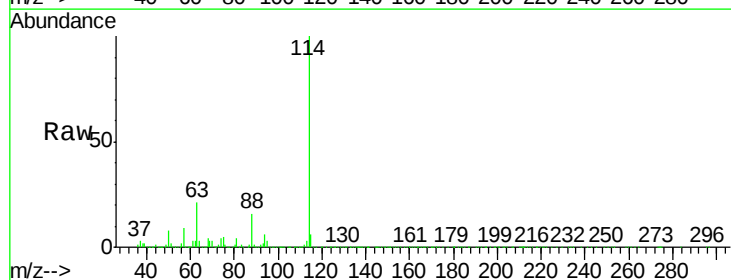
Manual Integrations
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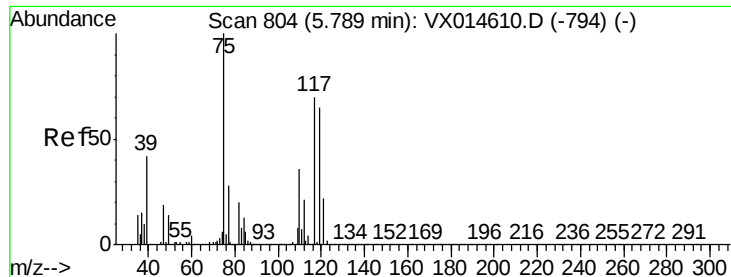
MMDadoda
 1/16/2020 9:42:14 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	15.8	12.5	18.7





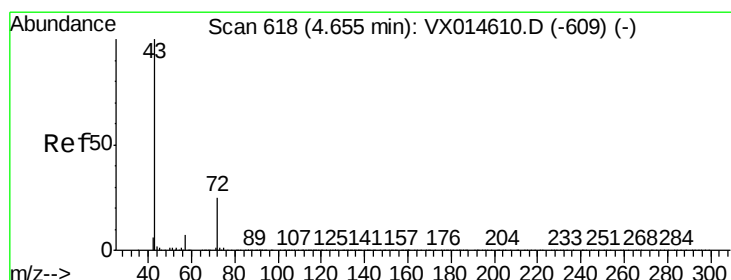
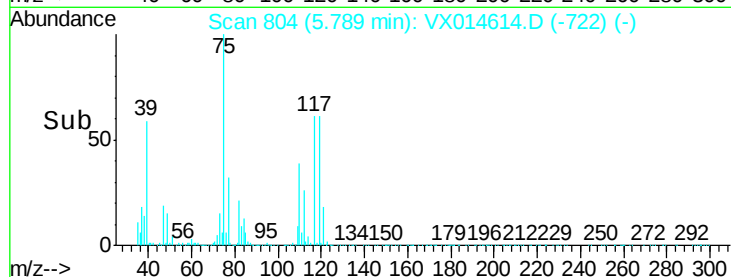
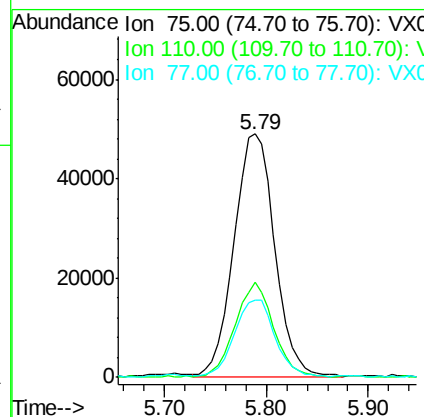
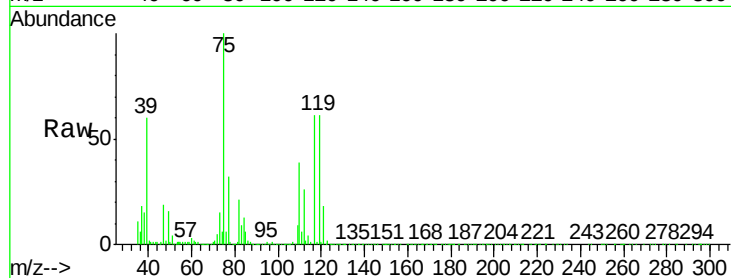
#29
 1,1-Dichloropropene
 Concen: 21.635 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.1	0.0	73.8
77	31.1	0.0	62.4

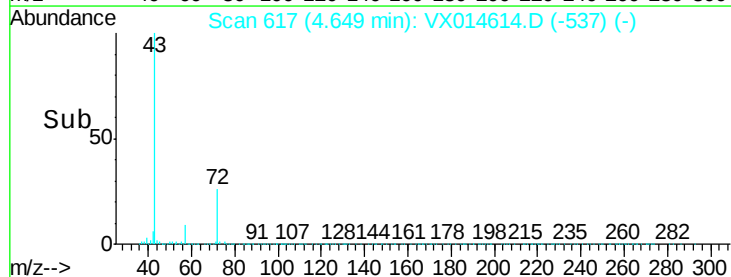
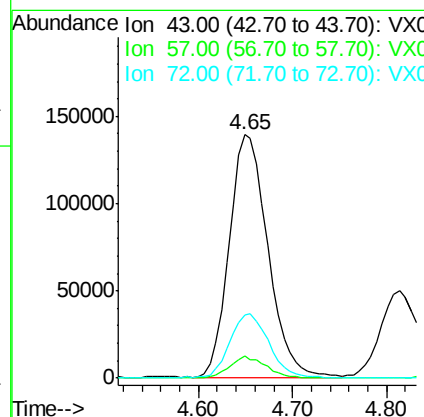
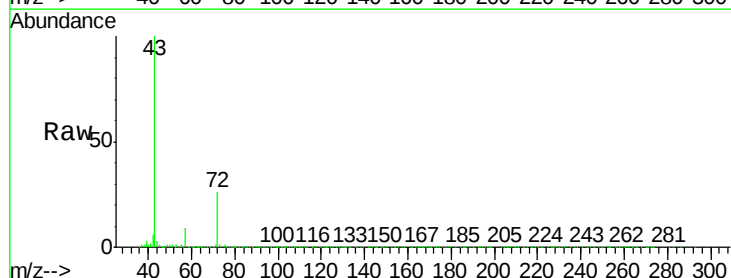
Manual Integrations
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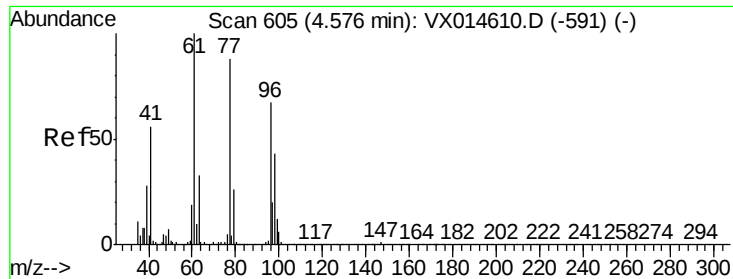
MMDadoda
 1/16/2020 9:42:14 AM



#30
 2-Butanone
 Concen: 99.218 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

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





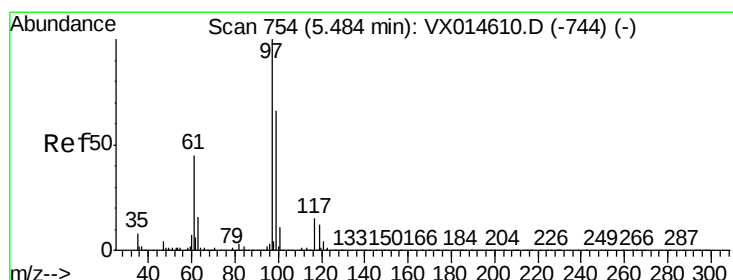
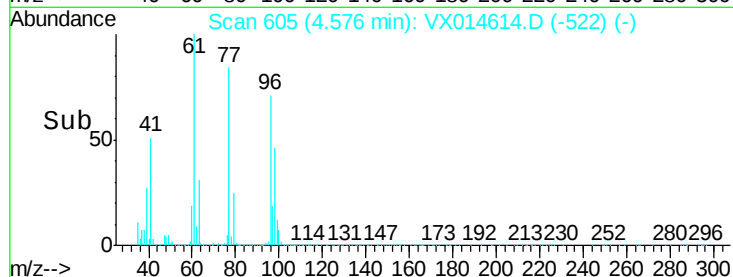
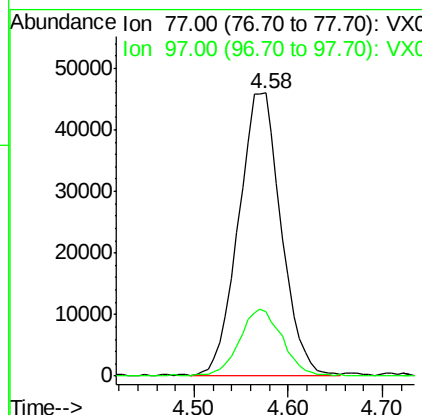
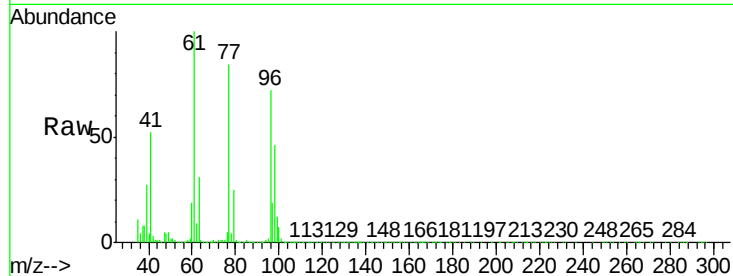
#31
 2,2-Dichloropropane
 Concen: 21.644 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.9	19.7	29.5

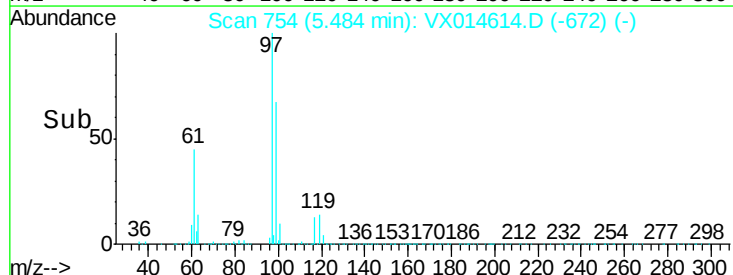
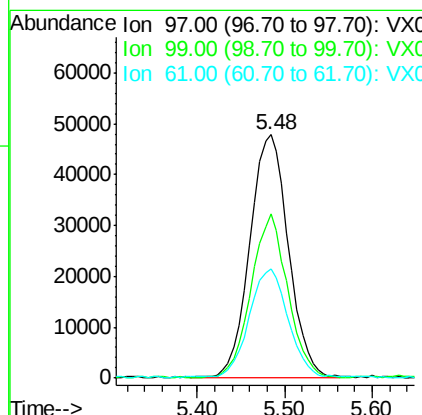
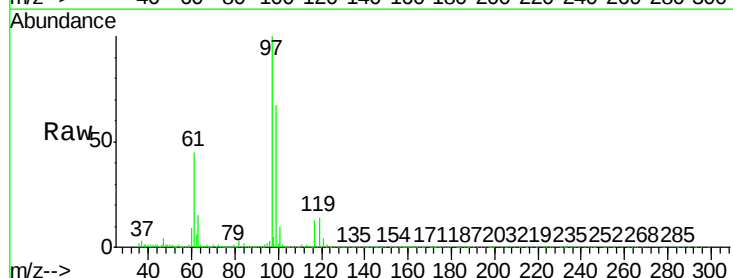
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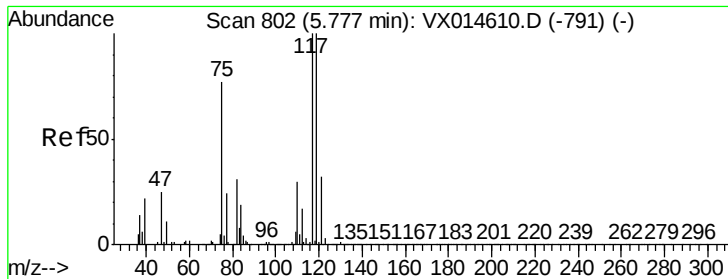
MMDadoda
 1/16/2020 9:42:14 AM



#32
 1,1,1-Trichloroethane
 Concen: 21.059 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	43.7	36.8	55.2





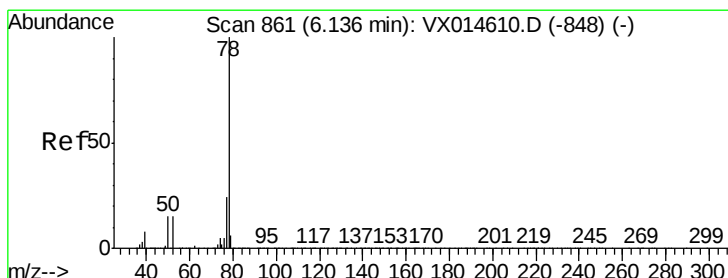
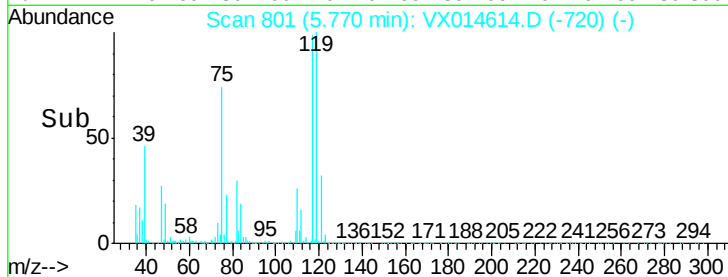
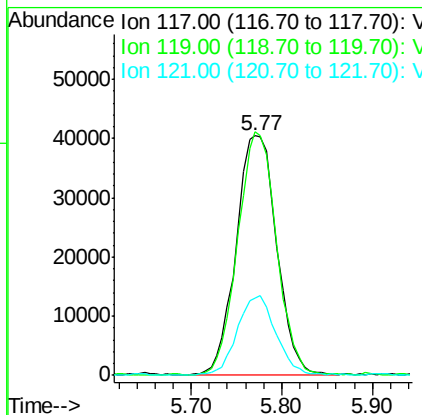
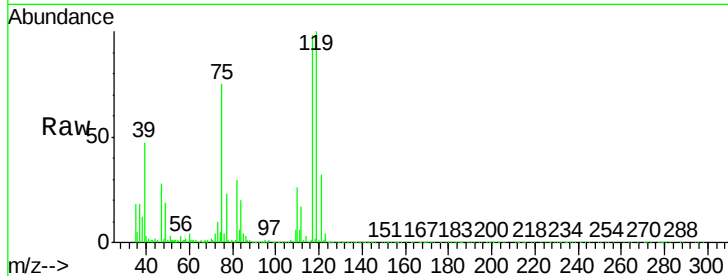
#33
Carbon Tetrachloride
Concen: 21.074 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.6	77.2	115.8
121	31.9	24.8	37.2

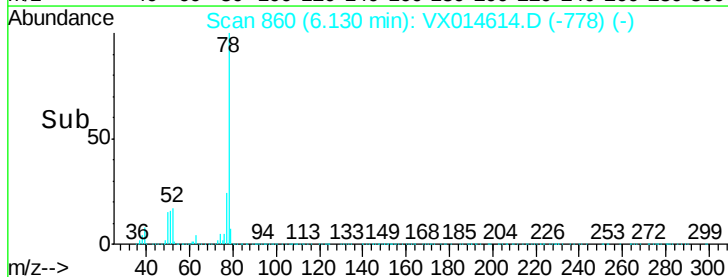
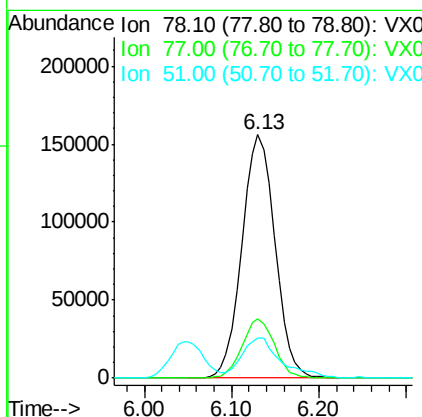
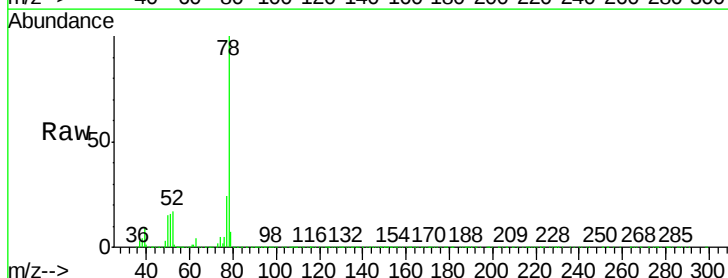
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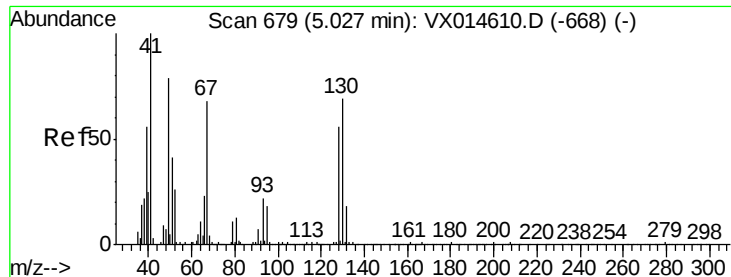
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#34
Benzene
Concen: 21.198 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.2	27.2
51	16.2	12.4	18.6





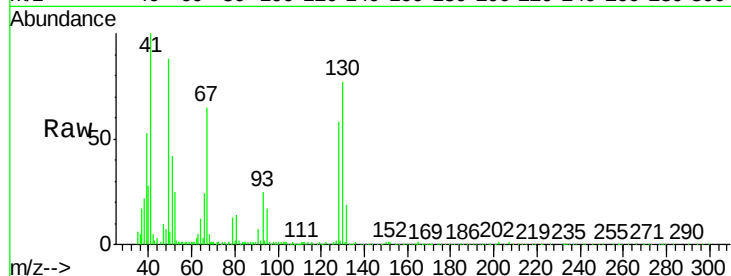
#35
Methacrylonitrile
Concen: 19.633 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

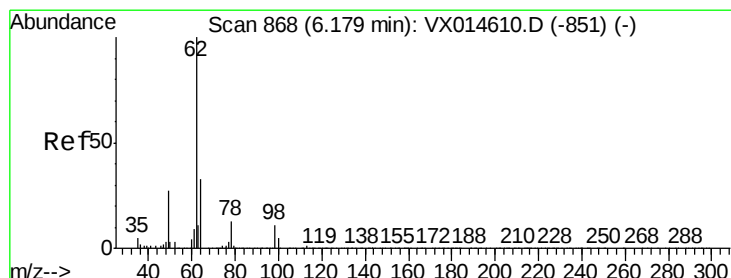
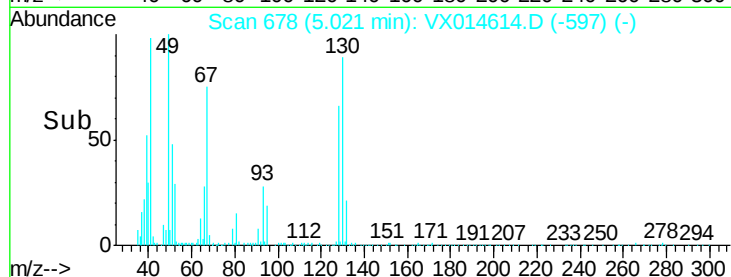
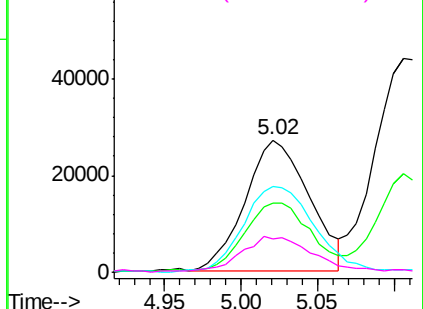
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.4	26.7	80.1
67	64.0	31.5	94.5
52	23.4	12.8	38.4

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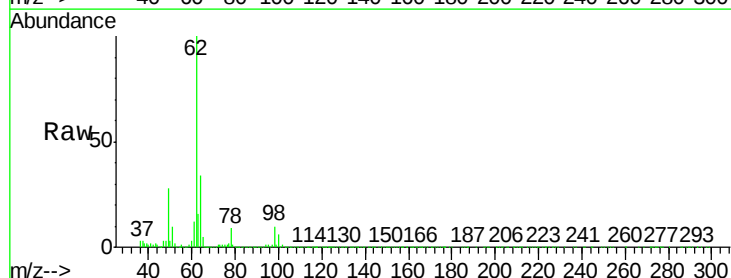


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

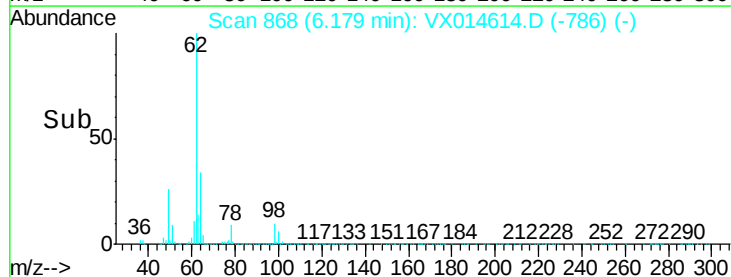
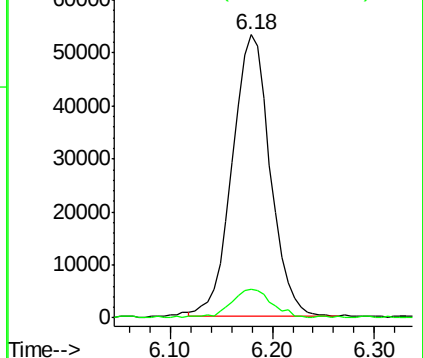


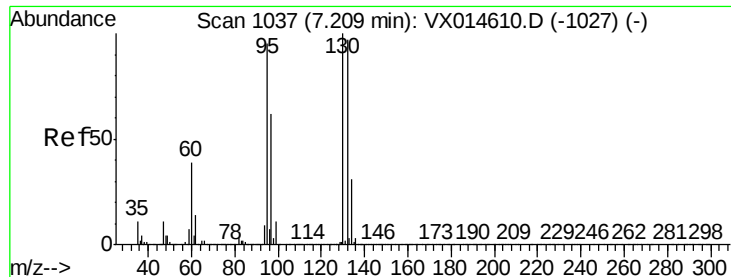
#36
1,2-Dichloroethane
Concen: 20.341 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 21.473 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion:130 Resp: 114185

Ion Ratio Lower Upper

130 100

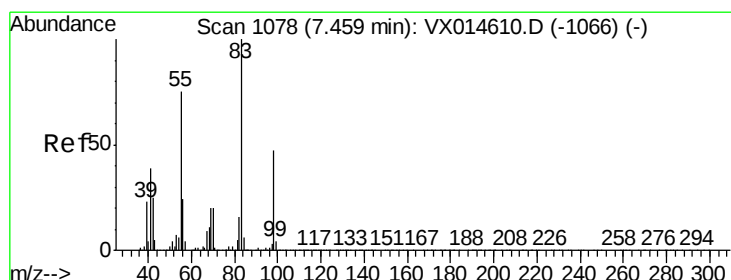
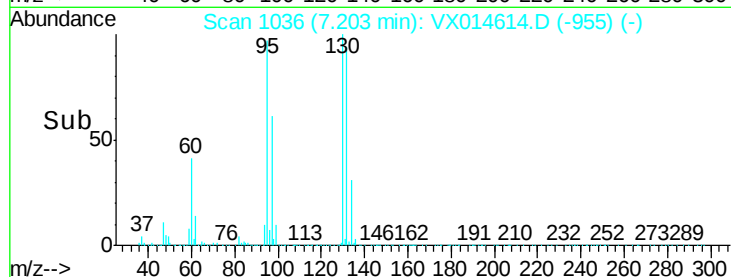
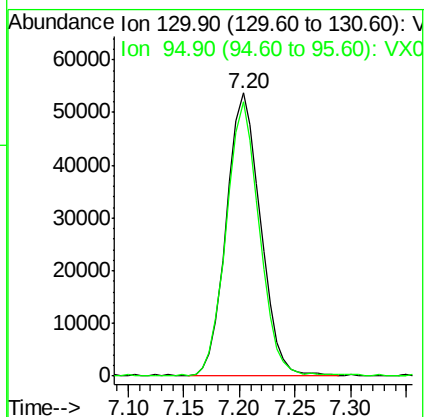
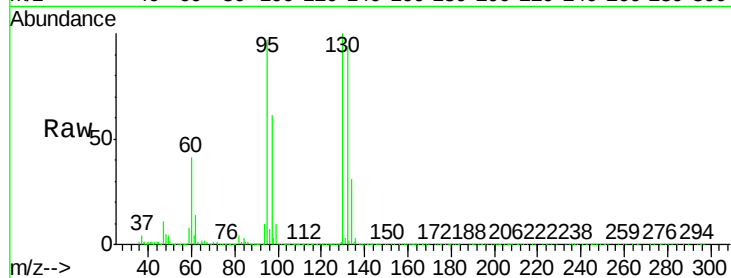
95 97.0 71.7 107.5

Manual Integrations

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#38

Methylcyclohexane

Concen: 22.067 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

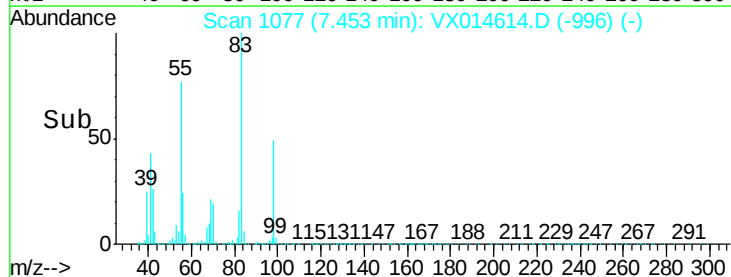
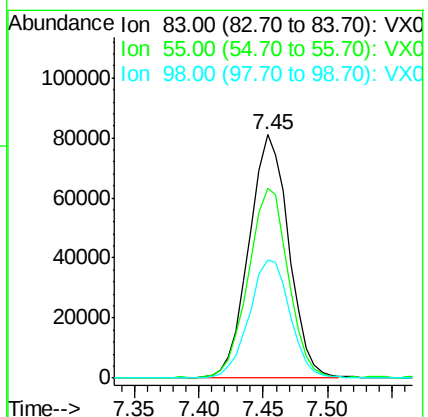
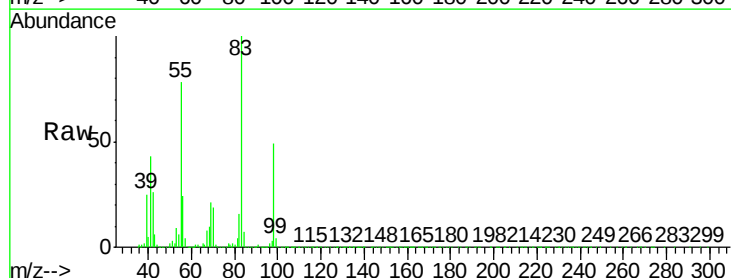
Tgt Ion: 83 Resp: 172680

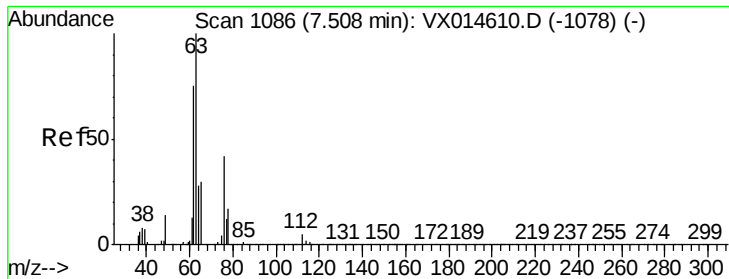
Ion Ratio Lower Upper

83 100

55 78.4 39.4 118.1

98 50.2 25.1 75.3





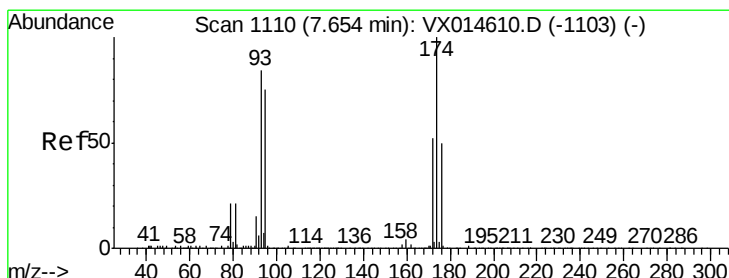
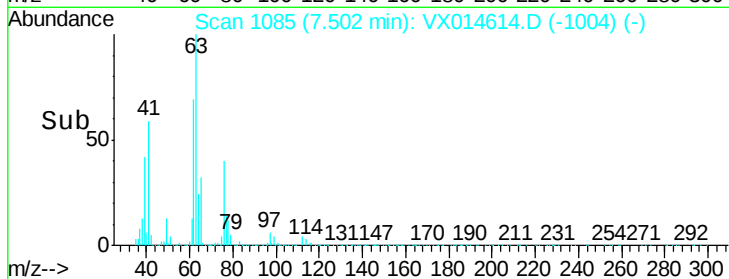
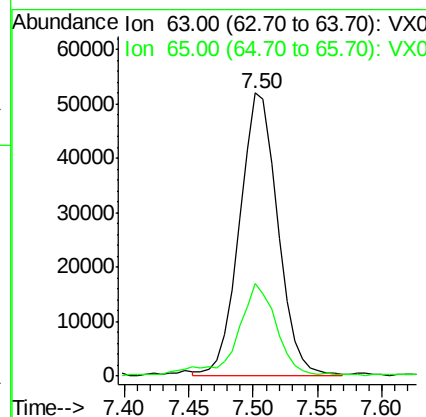
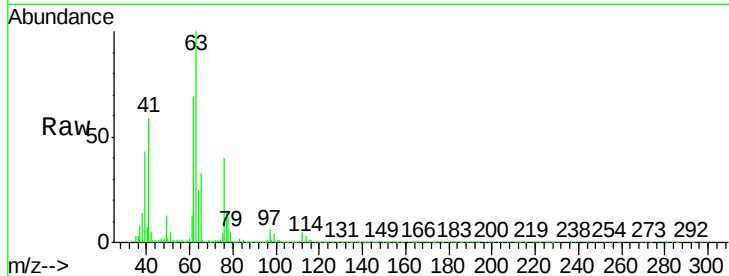
#39
 1,2-Dichloropropane
 Concen: 21.007 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.1	33.1

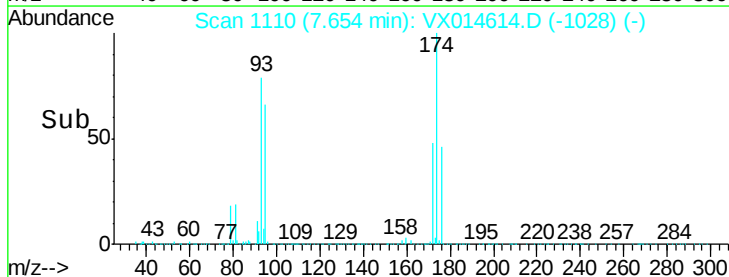
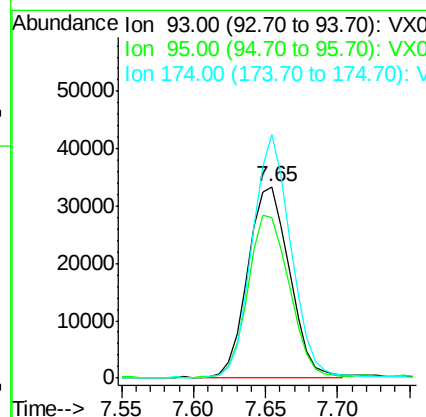
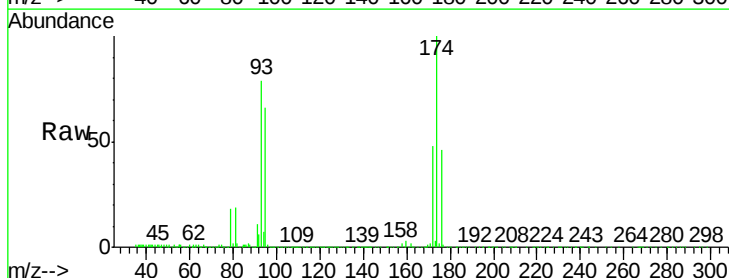
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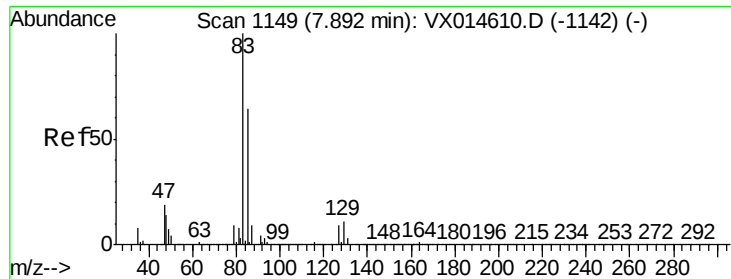
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#40
 Dibromomethane
 Concen: 20.593 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	0.0	164.4
174	118.1	0.0	228.8





#41

Bromodichloromethane

Concen: 20.184 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

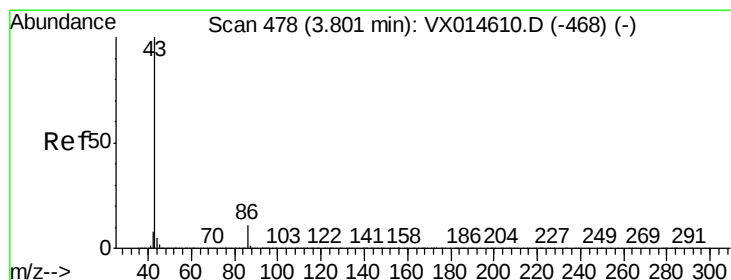
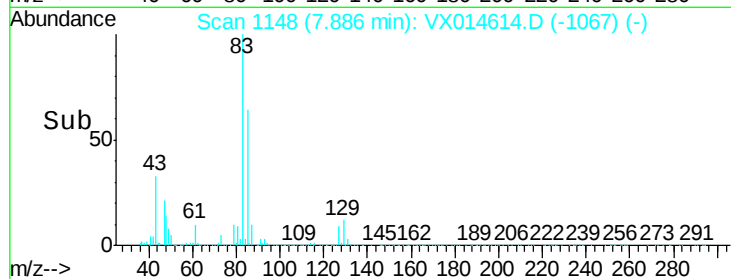
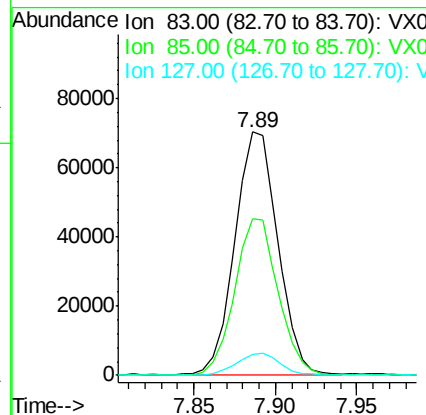
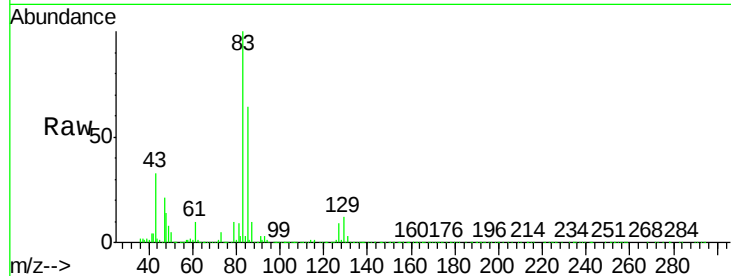
ClientSampleId :

ICVVX011520

Tot Ion:	83	Resp:	128288
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.6	77.4
127	8.6	6.0	9.0

Manual Integrations
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MMDadoda
1/16/2020 9:42:14 AM



#42

Vinyl Acetate

Concen: 105.580 ug/l

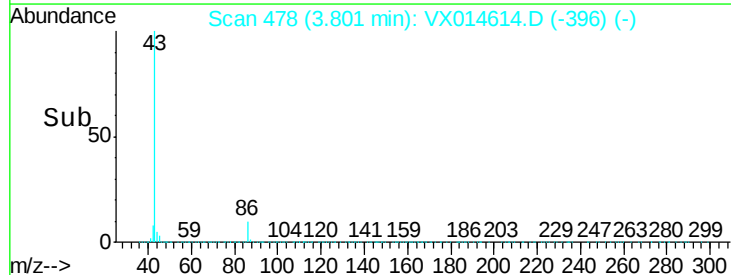
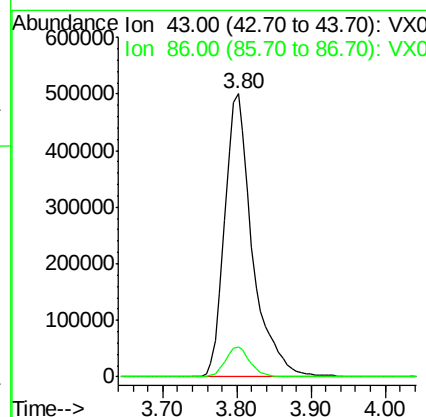
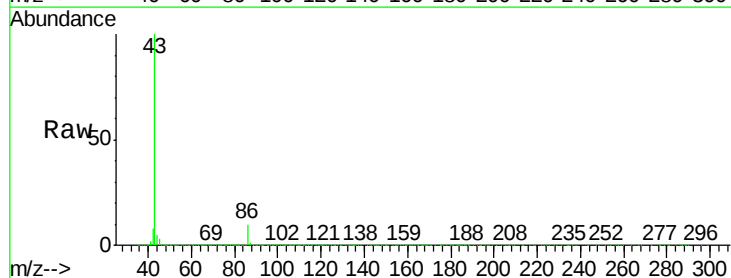
RT: 3.80 min Scan# 478

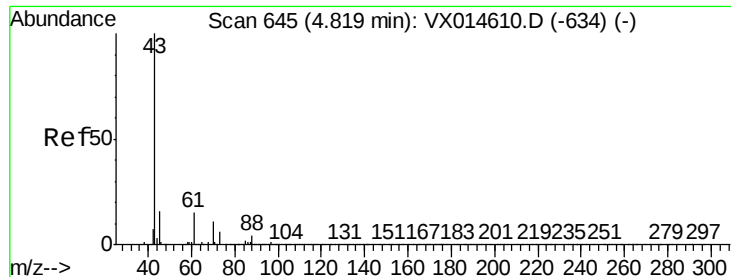
Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	43	Resp:	1295585
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.7	11.5





#43

Ethyl Acetate

Concen: 19.157 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 43 Resp: 138066

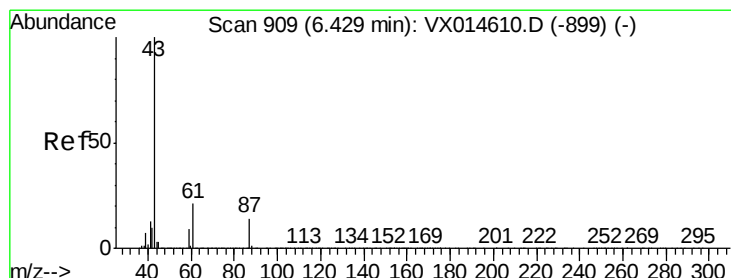
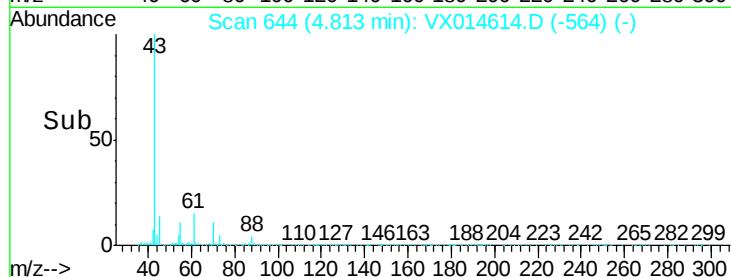
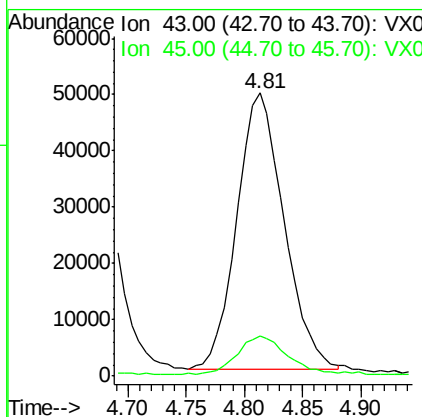
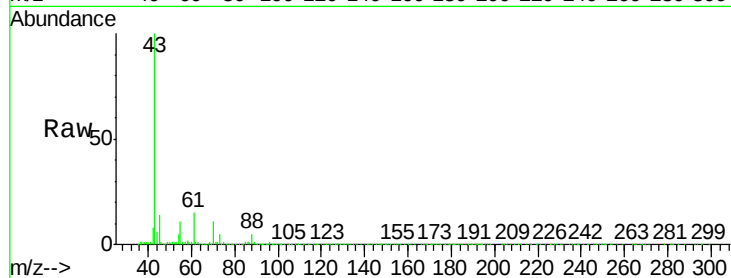
Ion Ratio Lower Upper

43 100

45 14.4 11.8 17.8

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#44

Isopropyl Acetate

Concen: 20.296 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014614.D

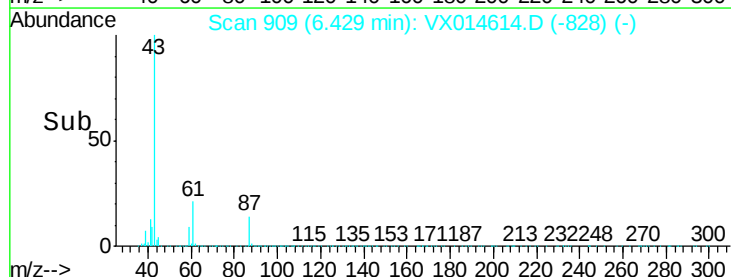
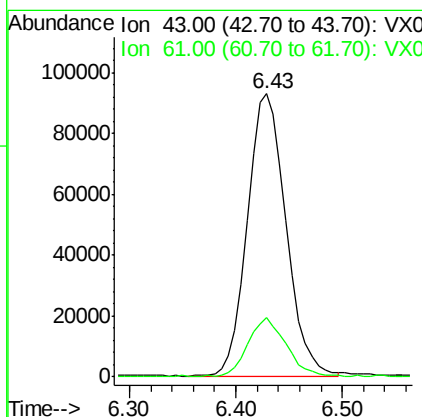
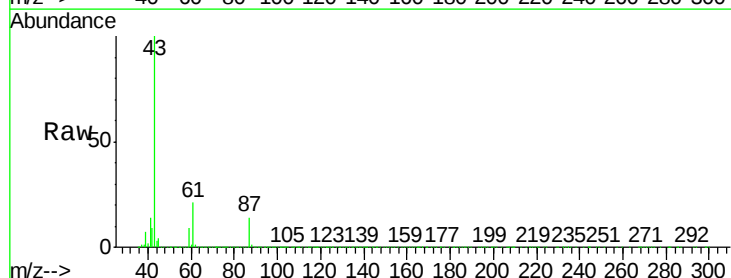
Acq: 15 Jan 2020 12:59

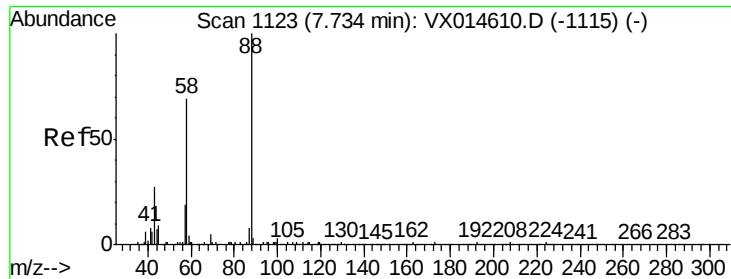
Tgt Ion: 43 Resp: 235967

Ion Ratio Lower Upper

43 100

61 20.7 15.9 23.9





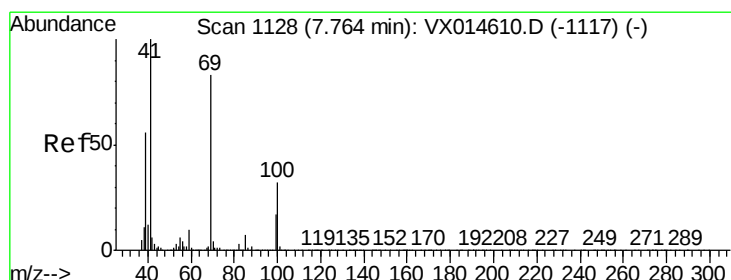
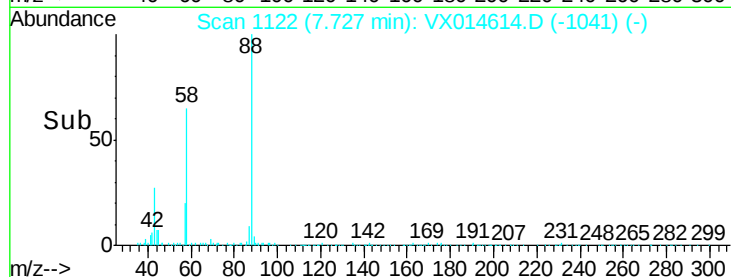
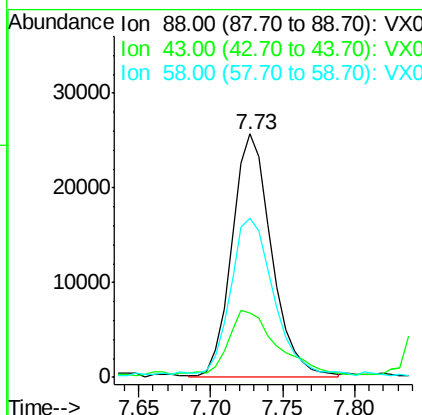
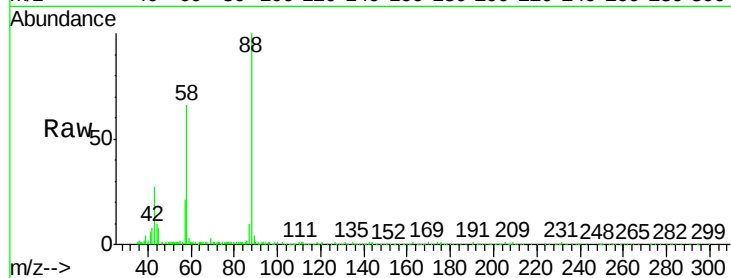
#45
1,4-Dioxane
Concen: 420.086 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.4	38.2
58	69.9	56.5	84.7

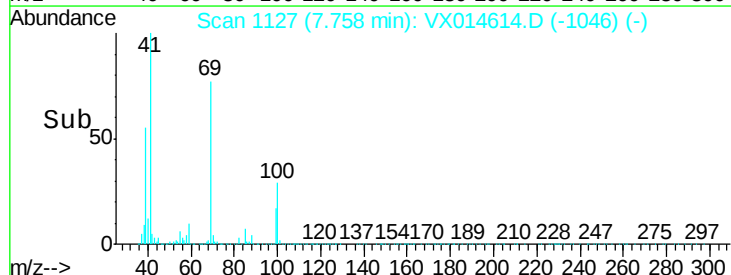
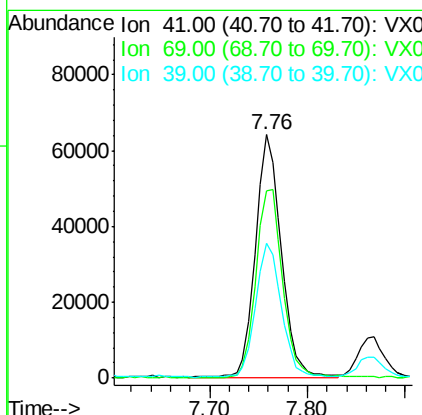
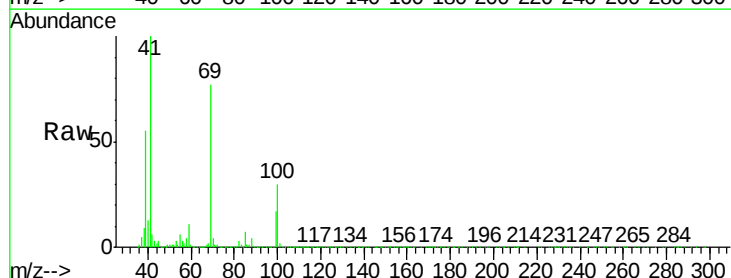
Manual Integrations
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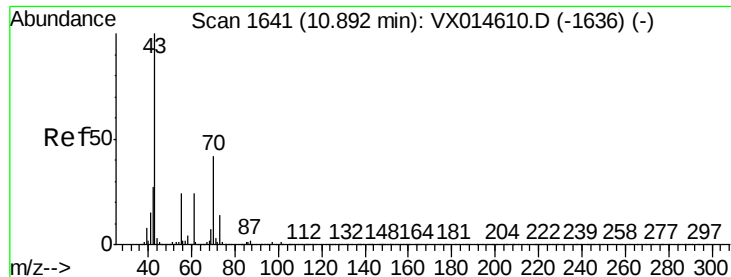
MMDadoda
1/16/2020 9:42:14 AM



#46
Methyl methacrylate
Concen: 20.426 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.0	40.6	122.0
39	54.9	27.8	83.3





#47

n-amvl Acetate

Concen: 20.205 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 43 Resp: 196829

Ion Ratio Lower Upper

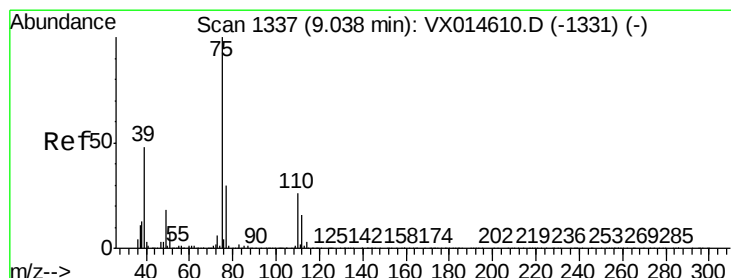
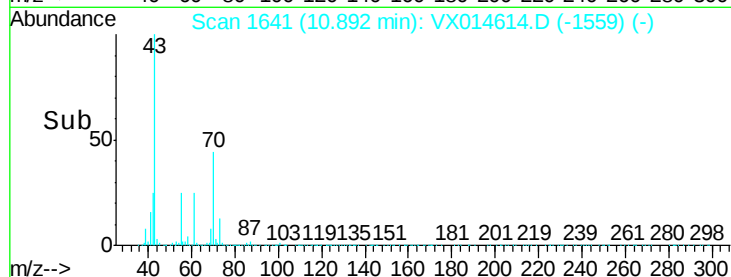
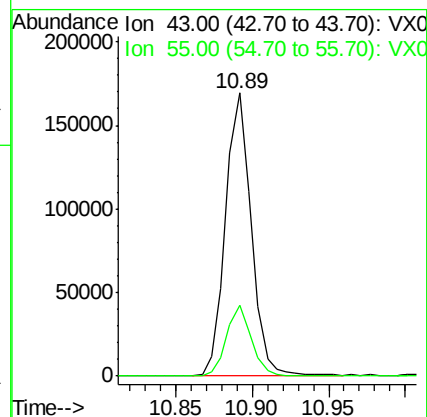
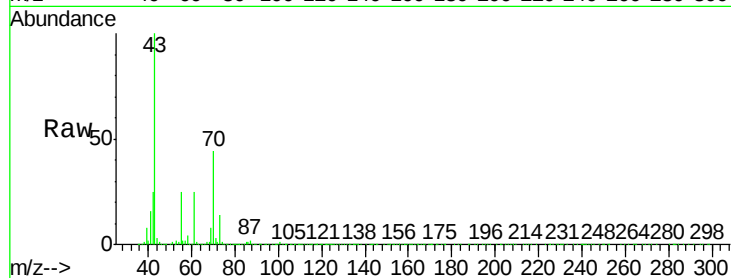
43 100

55 23.9 19.4 29.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 21.164 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014614.D

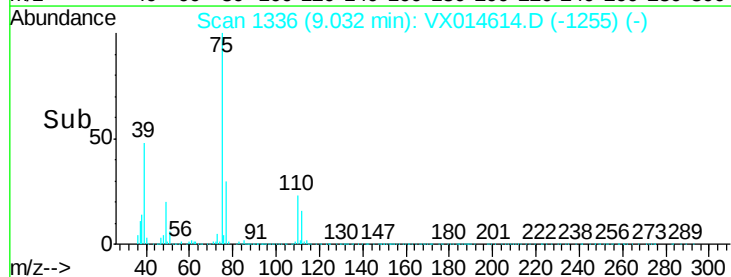
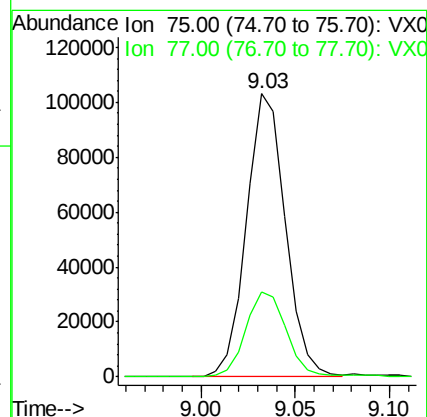
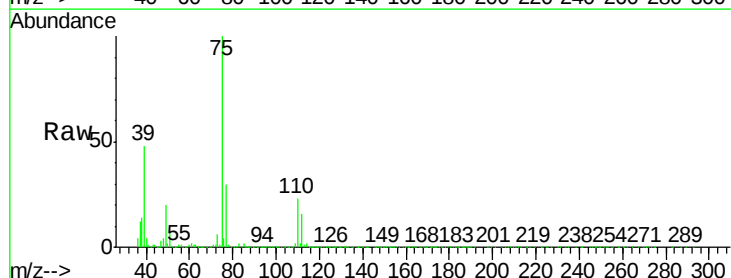
Acq: 15 Jan 2020 12:59

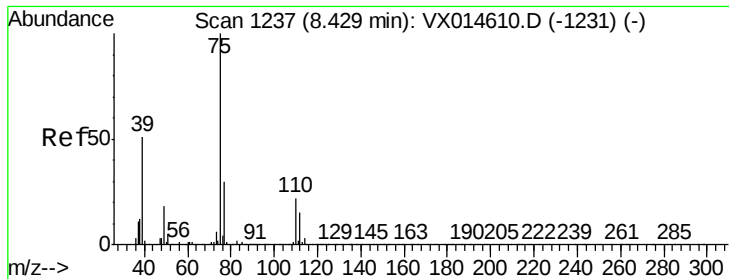
Tgt Ion: 75 Resp: 146856

Ion Ratio Lower Upper

75 100

77 29.9 26.0 39.0





#49

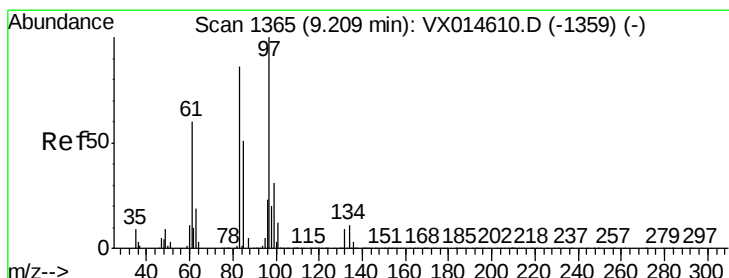
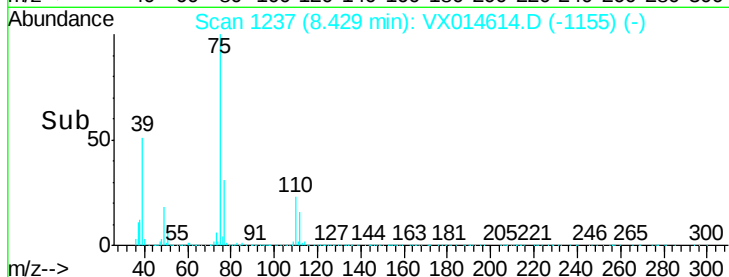
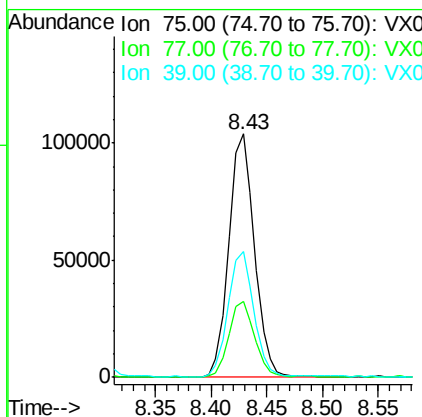
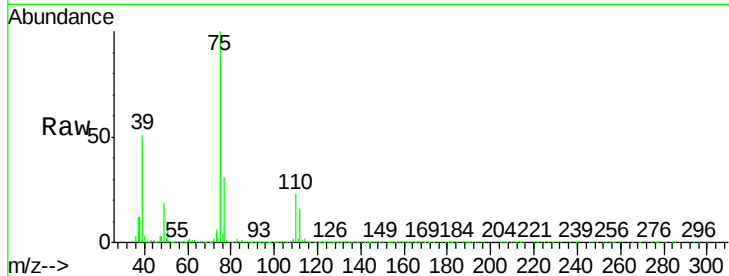
cis-1,3-Dichloropropene
Concen: 21.278 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	51.5	41.1	61.7

Manual Integrations
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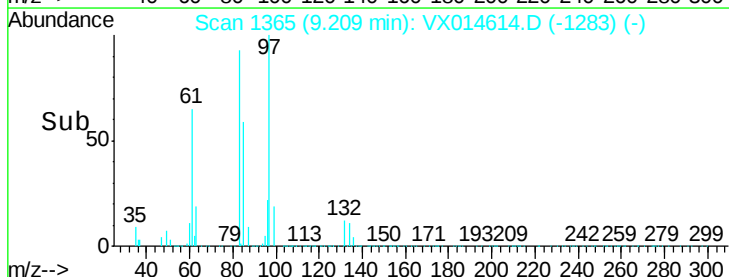
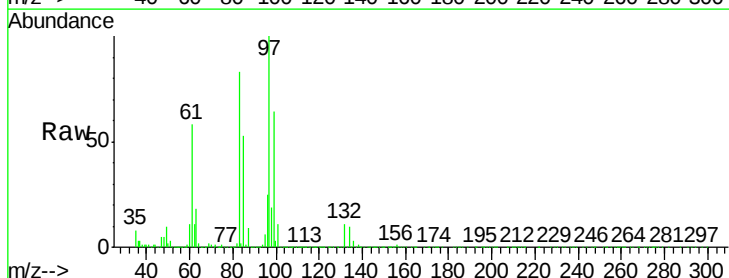
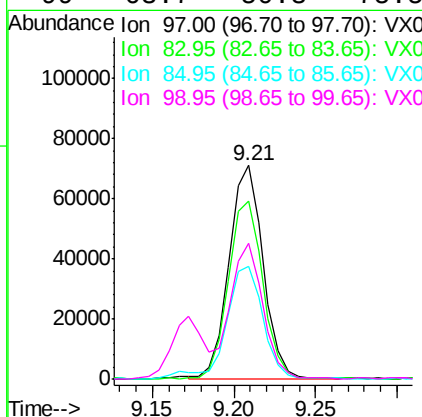
MMDadoda
1/16/2020 9:42:14 AM

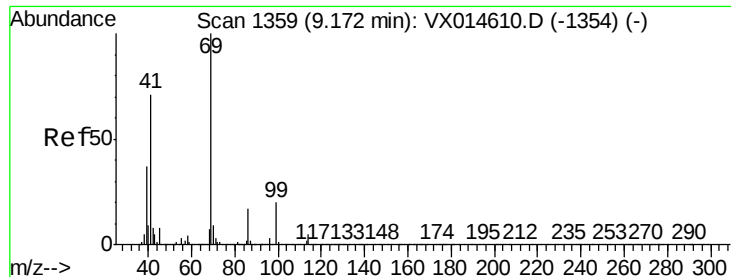


#50

1,1,2-Trichloroethane
Concen: 20.868 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.1	102.1
85	52.5	42.7	64.1
99	63.7	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.662 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

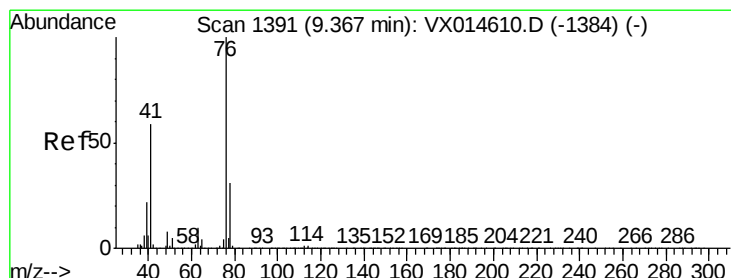
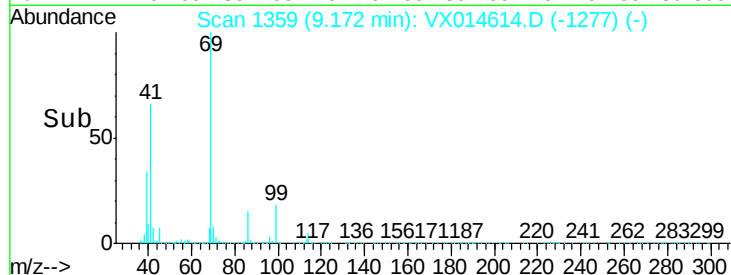
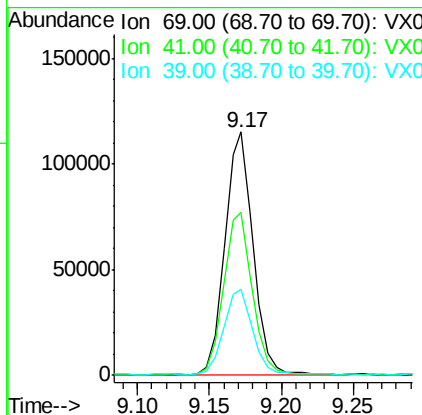
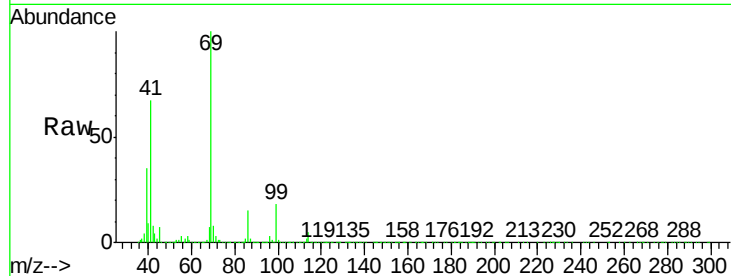
ClientSampleId :

ICVVX011520

Tot Ion:	69	Resp:	158887
Ion Ratio	Lower	Upper	
69	100		
41	66.5	35.4	106.1
39	34.9	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.546 ug/l

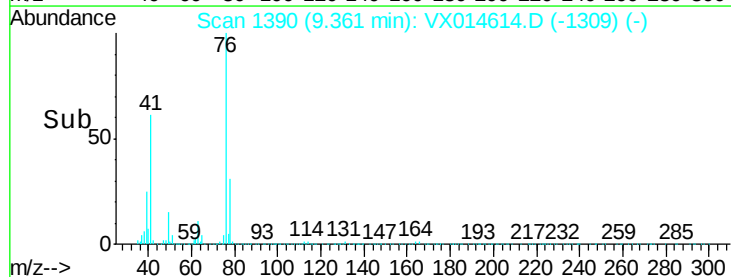
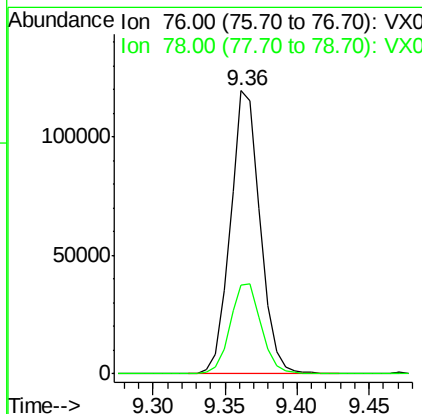
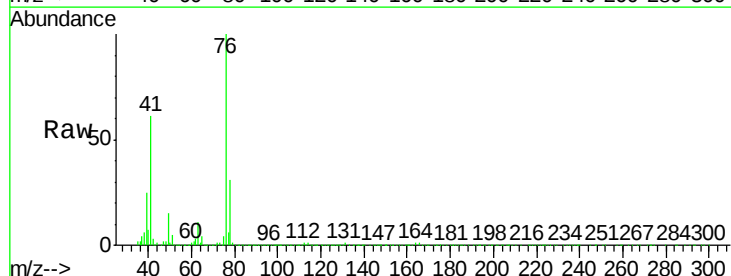
RT: 9.36 min Scan# 1390

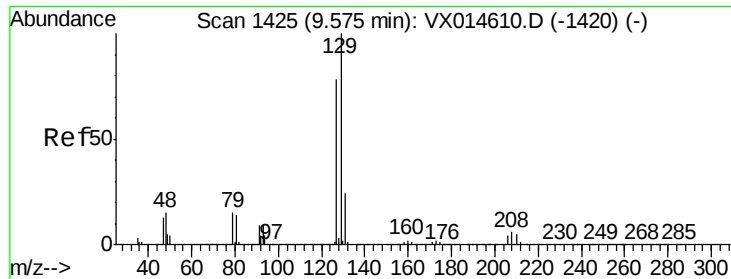
Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	76	Resp:	171920
Ion Ratio	Lower	Upper	
76	100		
78	33.3	0.0	63.4





#53

Dibromochloromethane

Concen: 21.217 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion:129 Resp: 107179

Ion Ratio Lower Upper

129 100

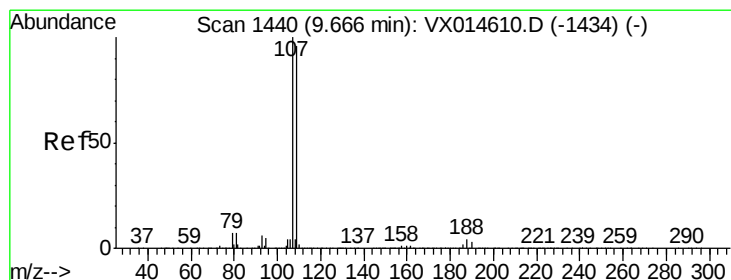
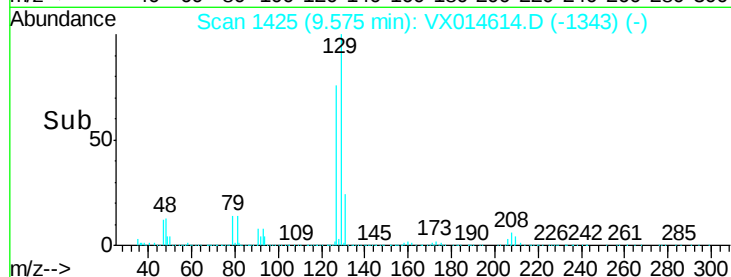
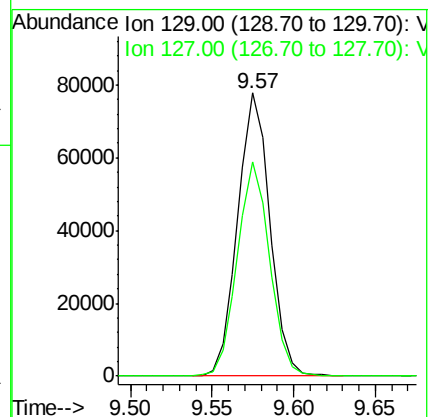
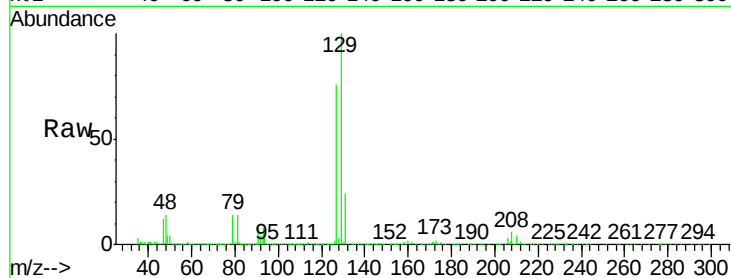
127 75.9 39.1 117.5

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 20.970 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014614.D

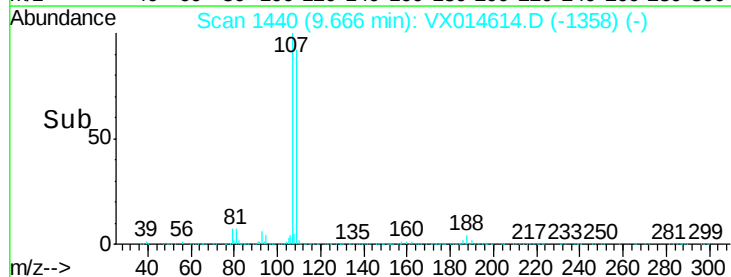
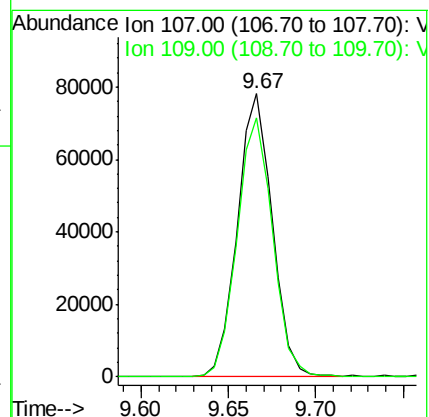
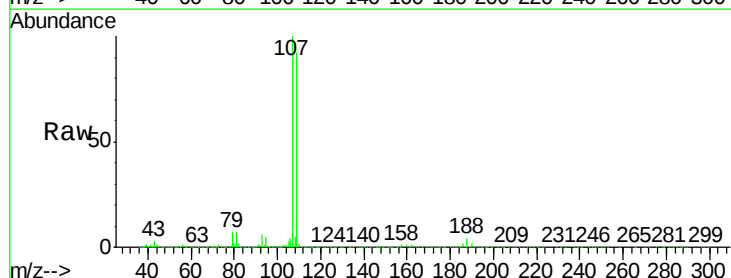
Acq: 15 Jan 2020 12:59

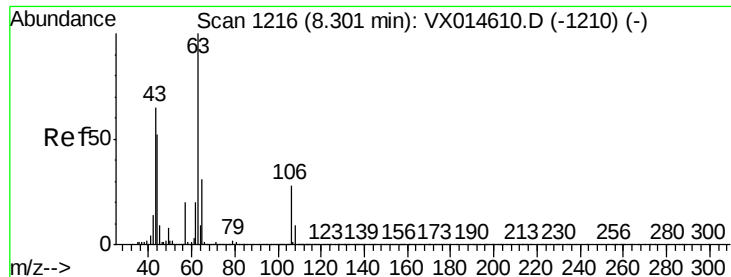
Tgt Ion:107 Resp: 107407

Ion Ratio Lower Upper

107 100

109 93.4 77.2 115.8





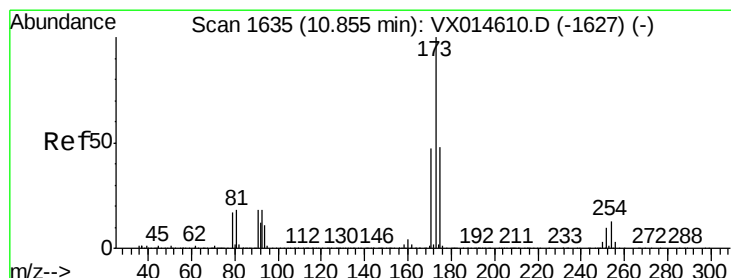
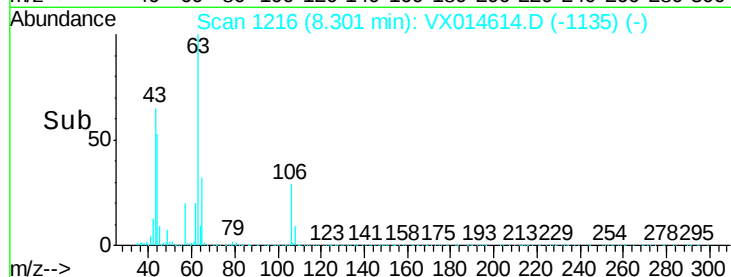
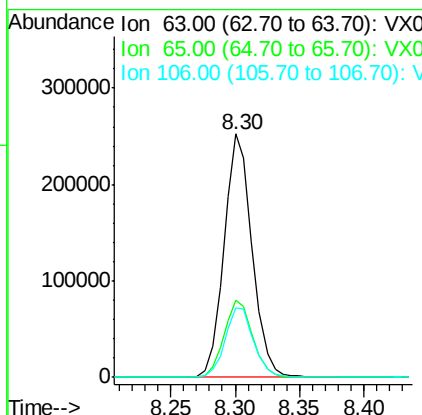
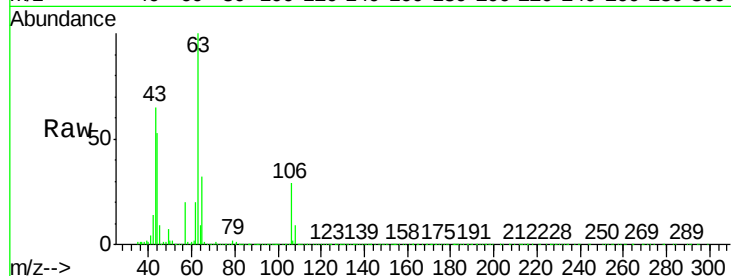
#55
2-Chloroethyl vinyl ether
Concen: 108.185 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	29.2	22.9	34.3

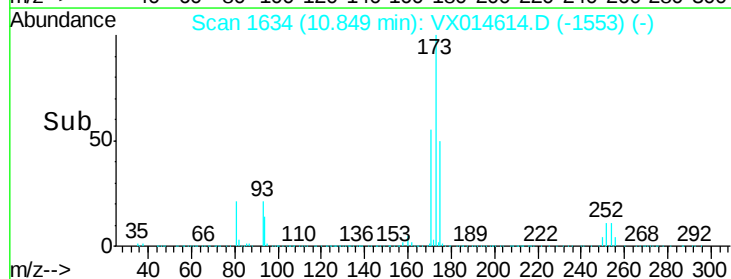
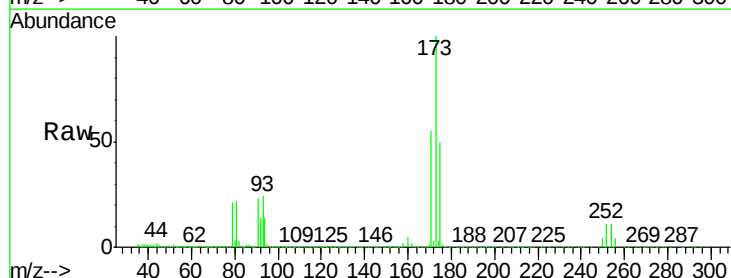
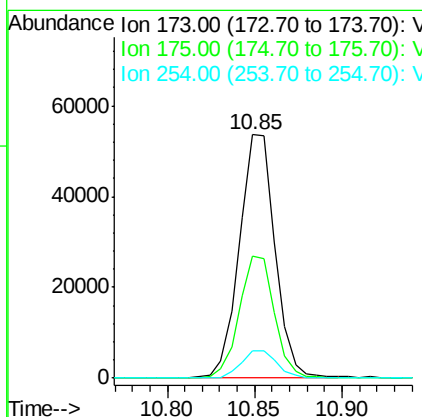
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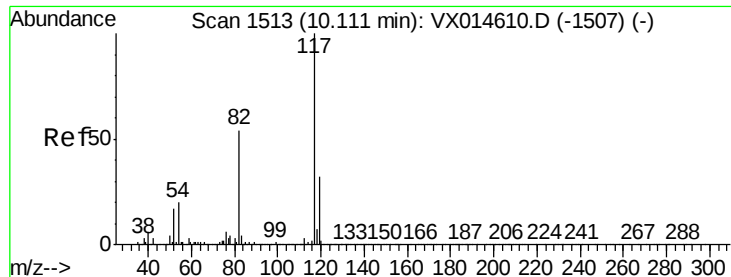
MMDadoda
1/16/2020 9:42:14 AM



#56
Bromoform
Concen: 19.464 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.5	59.3
254	11.4	8.2	12.4





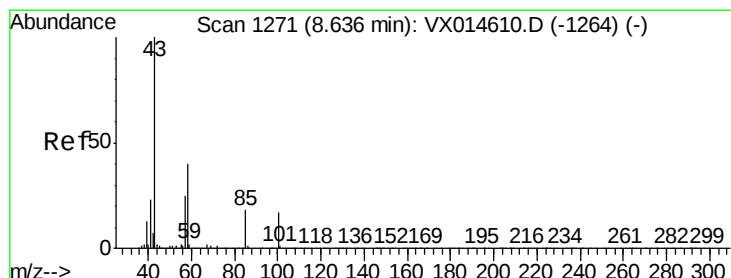
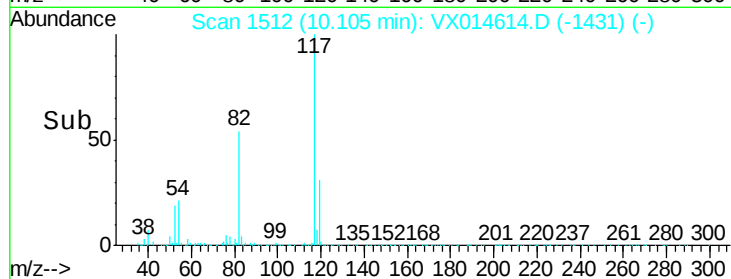
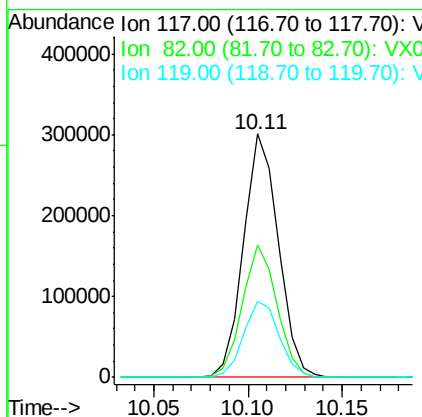
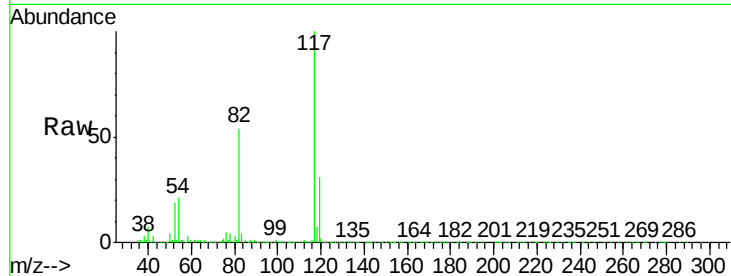
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.6
119	31.9	25.8	38.6

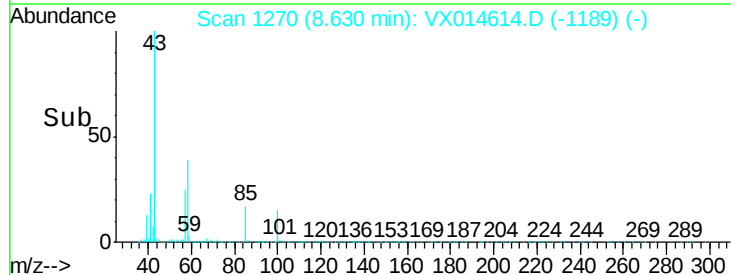
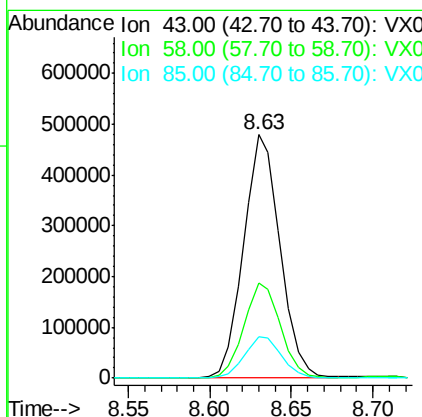
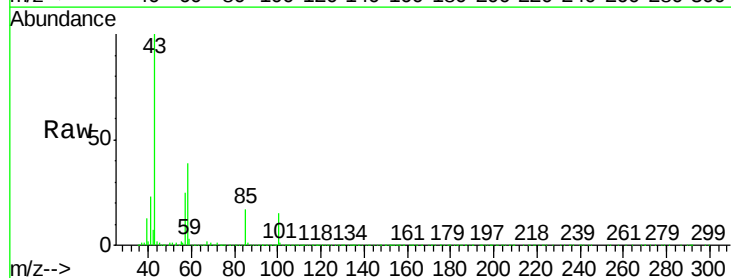
Manual Integrations
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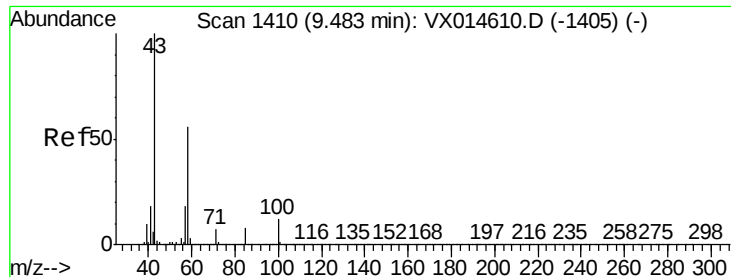
MMDadoda
1/16/2020 9:42:14 AM



#58
4-Methyl-2-Pentanone
Concen: 102.160 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.5	14.2	21.2





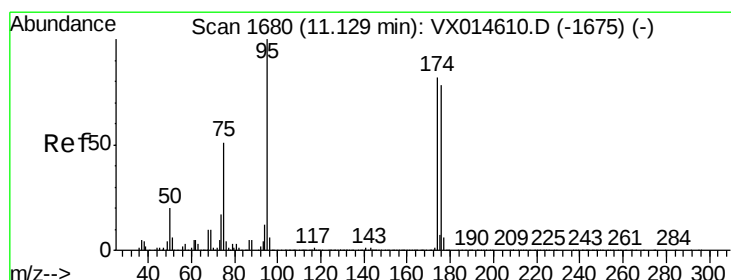
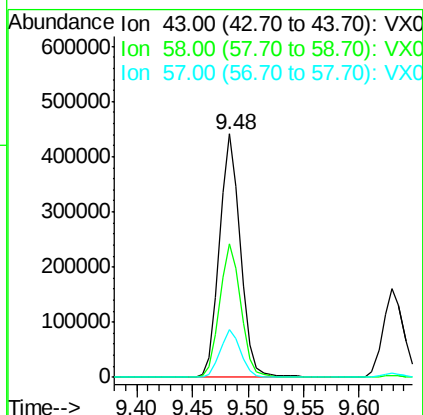
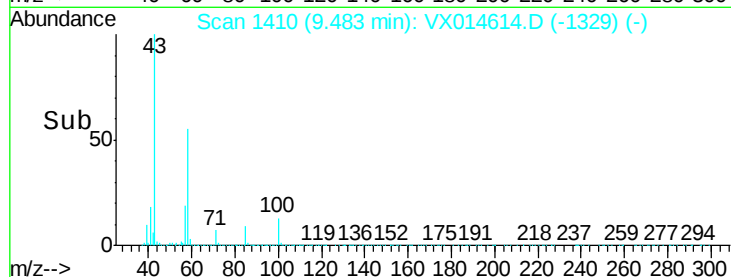
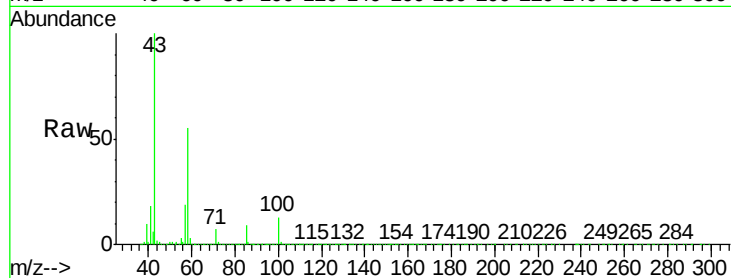
#59
2-Hexanone
Concen: 102.225 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVX011520

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.8	65.6
57	19.1	15.4	23.0

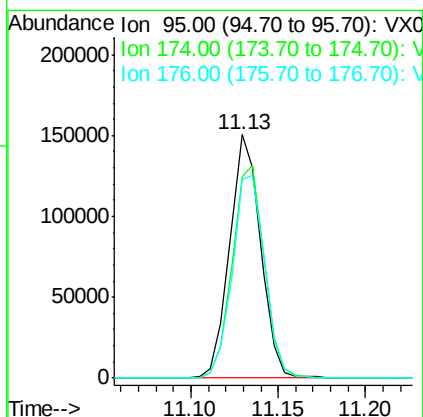
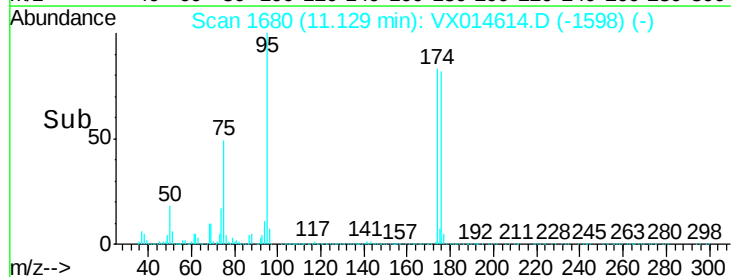
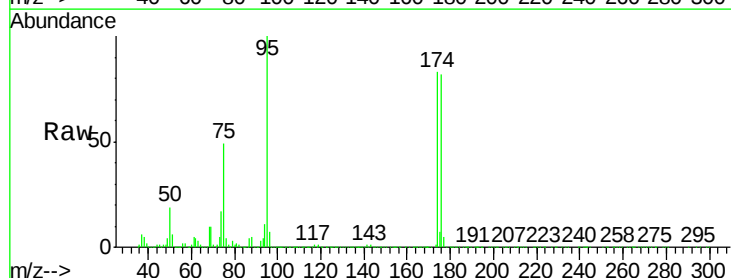
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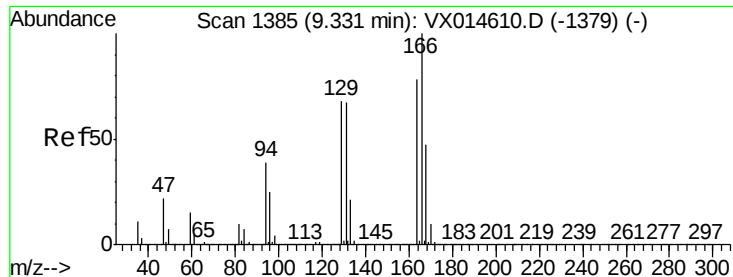
MMDadoda
1/16/2020 9:42:14 AM



#60
4-Bromofluorobenzene
Concen: 29.864 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	70.2	105.2
176	87.3	68.3	102.5





#61

Tetrachloroethene

Concen: 20.675 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

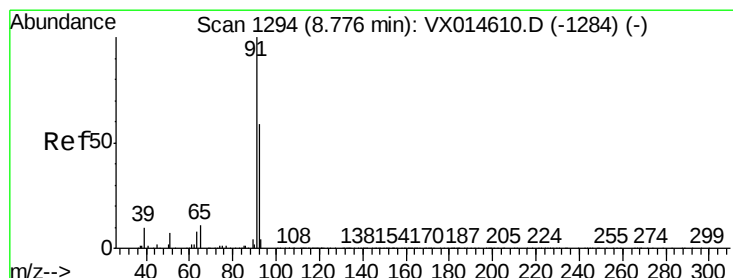
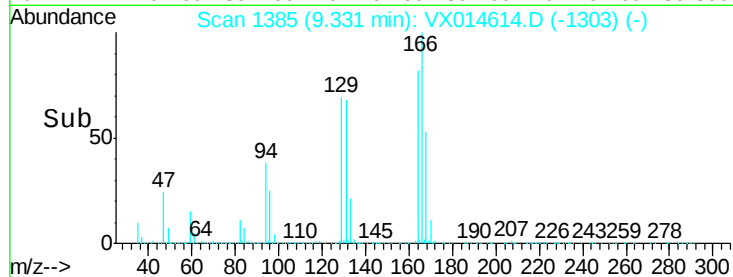
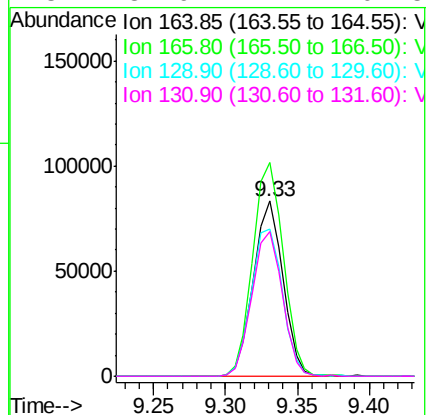
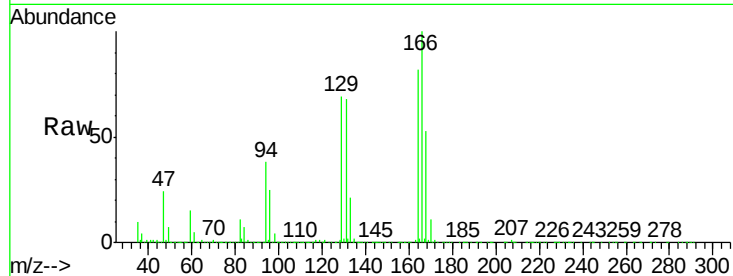
ClientSampleId :

ICVX011520

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.3	104.2	156.2
129	84.0	71.6	107.4
131	82.9	71.7	107.5

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#62

Toluene

Concen: 21.426 ug/l

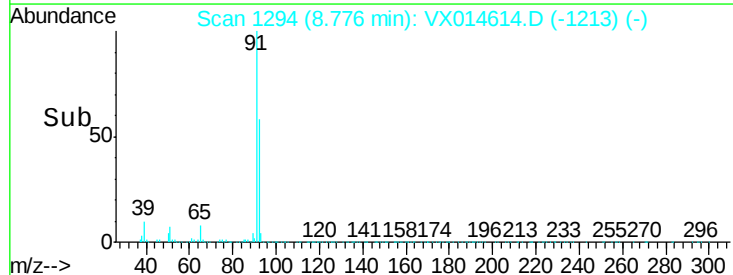
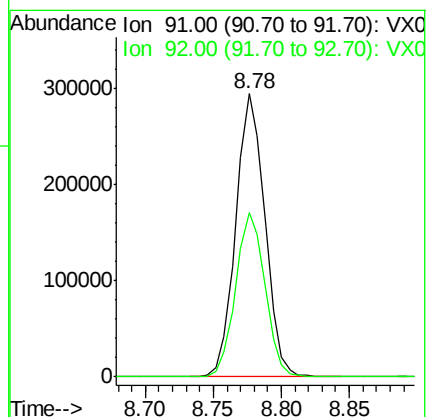
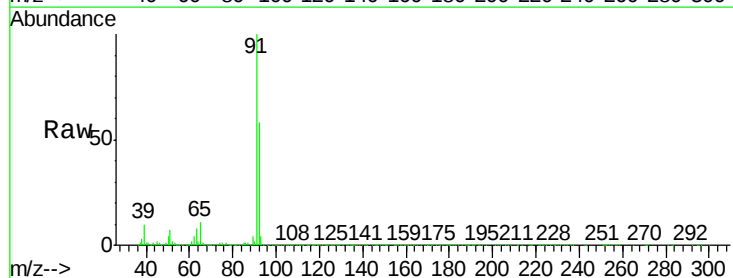
RT: 8.78 min Scan# 1294

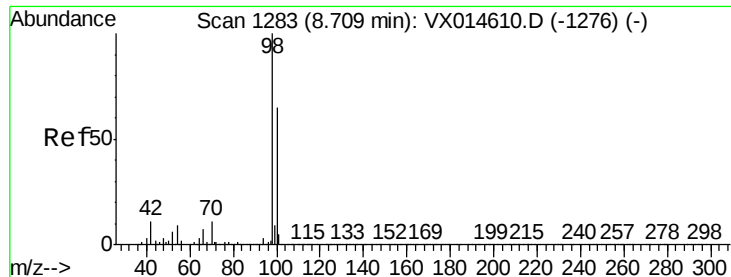
Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.4	69.6





#63

Toluene-d8

Concen: 30.316 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 98 Resp: 529314

Ion Ratio Lower Upper

98 100

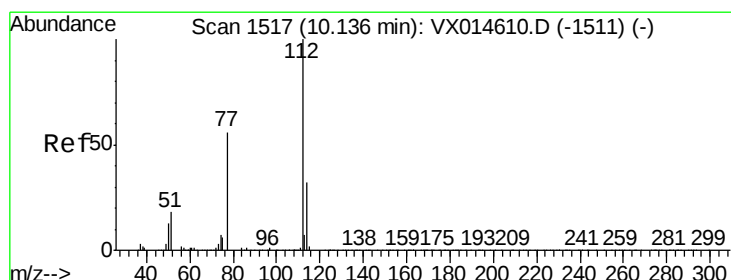
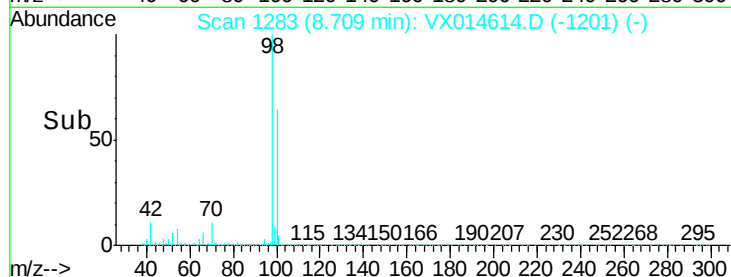
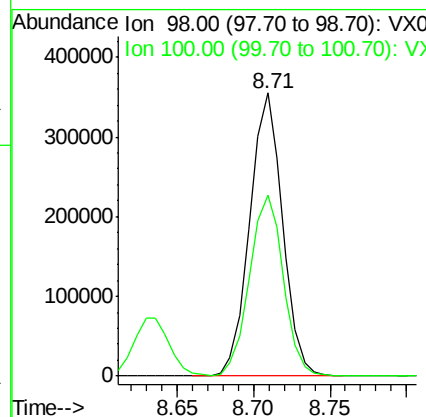
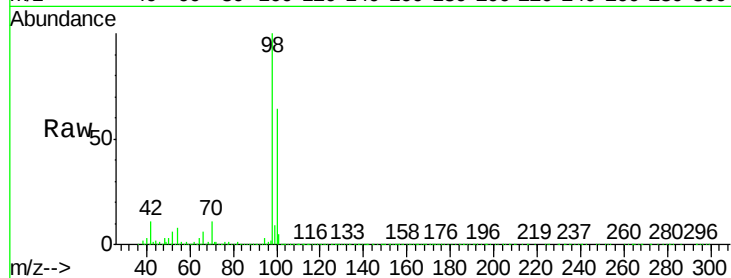
100 65.5 52.2 78.2

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#64

Chlorobenzene

Concen: 21.676 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014614.D

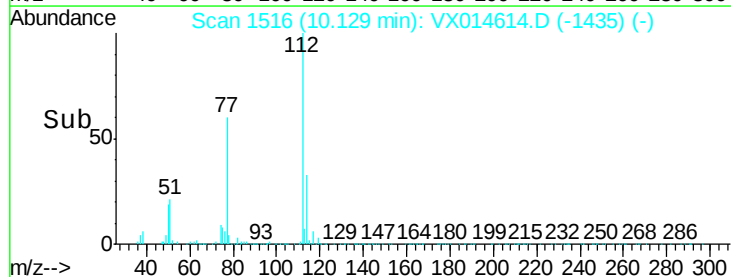
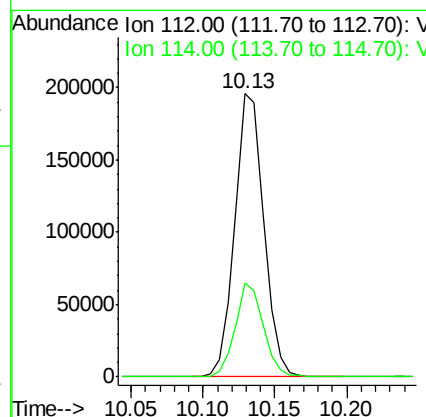
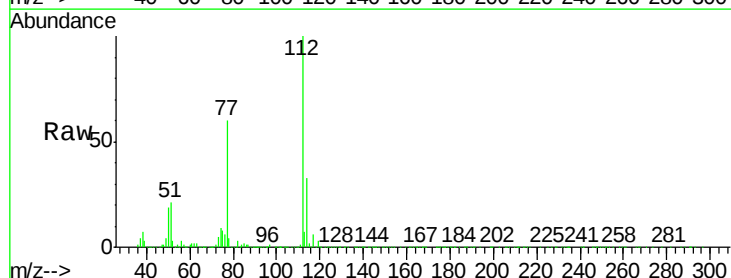
Acq: 15 Jan 2020 12:59

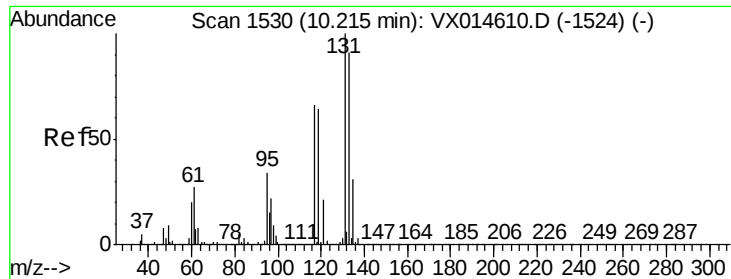
Tgt Ion: 112 Resp: 277501

Ion Ratio Lower Upper

112 100

114 33.0 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.714 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

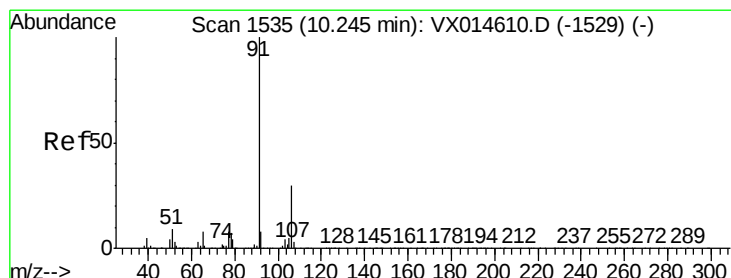
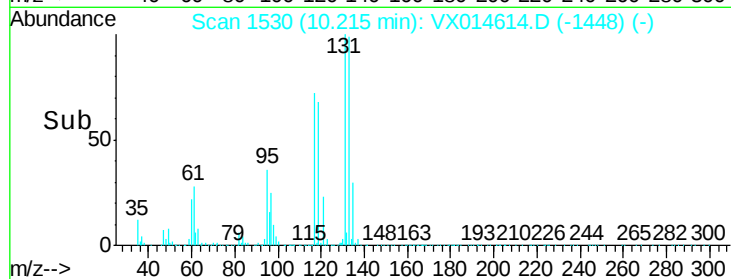
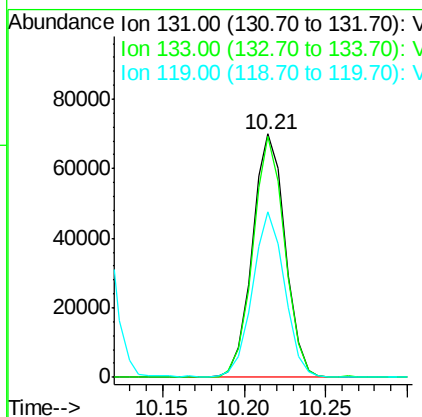
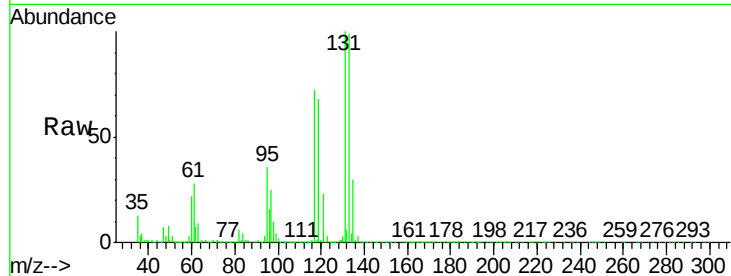
ClientSampleId :

ICVVX011520

Tot Ion:	131	Resp:	97942
Ion Ratio	Lower	Upper	
131	100		
133	95.9	0.0	189.8
119	66.3	0.0	132.2

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#66

Ethyl Benzene

Concen: 21.667 ug/l

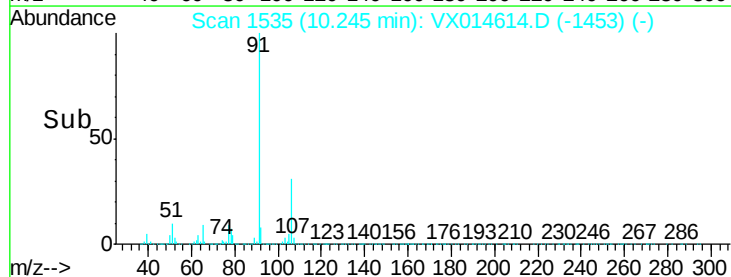
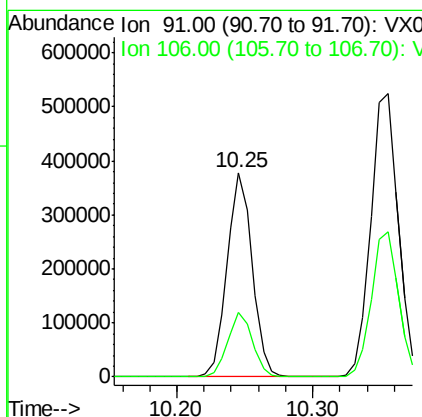
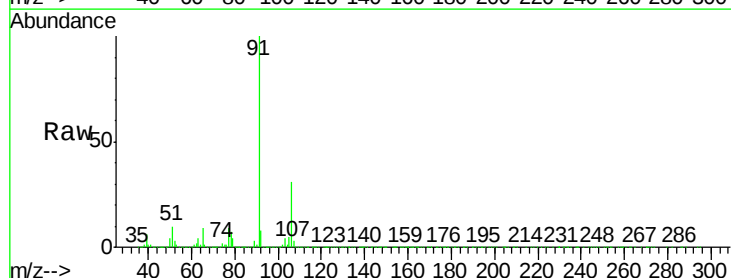
RT: 10.25 min Scan# 1535

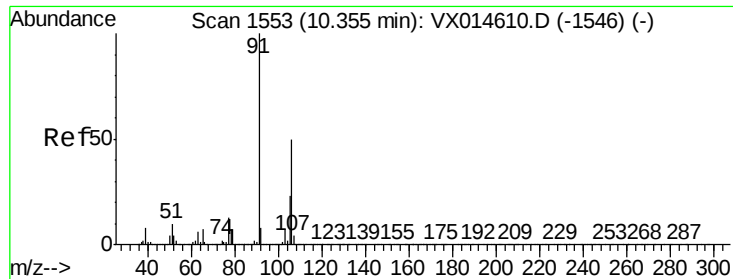
Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	91	Resp:	483989
Ion Ratio	Lower	Upper	
91	100		
106	31.4	24.2	36.2





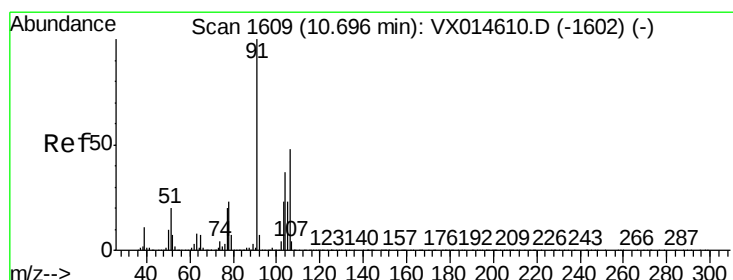
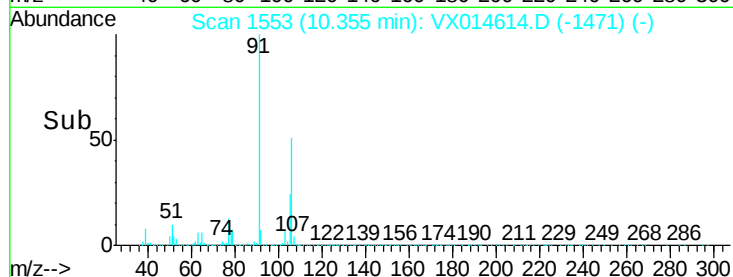
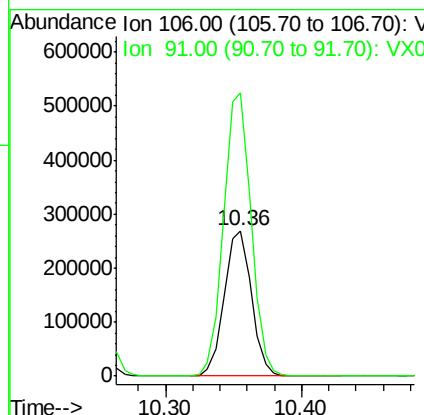
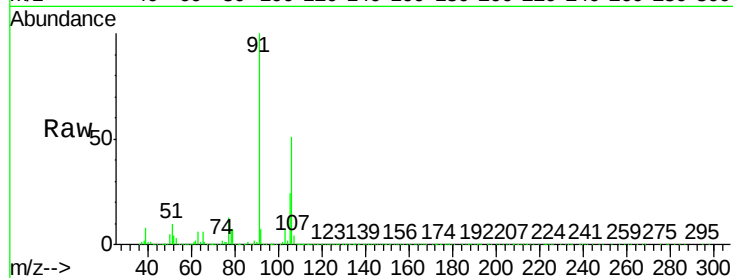
#67
m/p-Xvlenes
Concen: 43.599 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.3	159.3	238.9

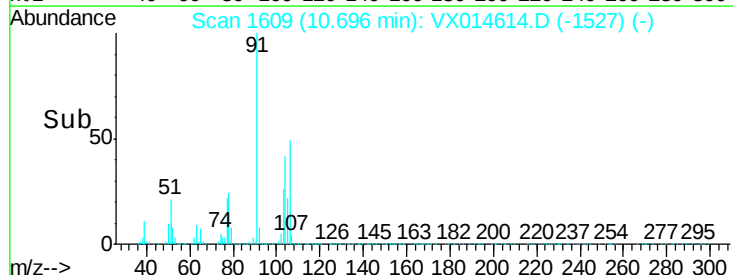
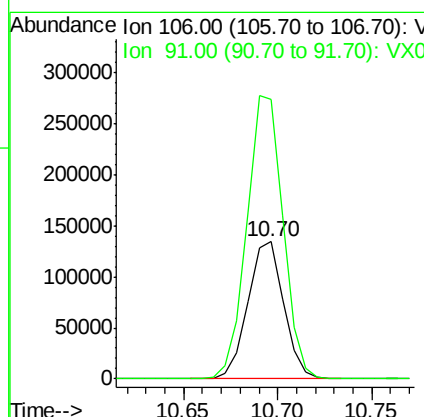
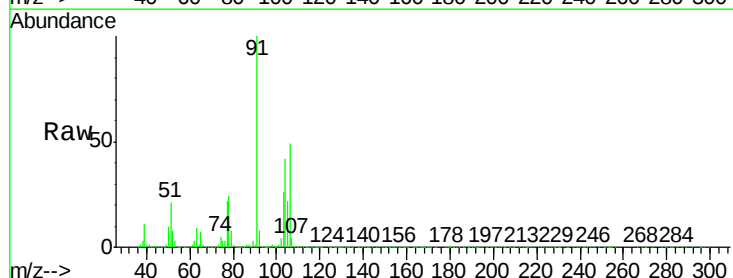
Manual Integrations
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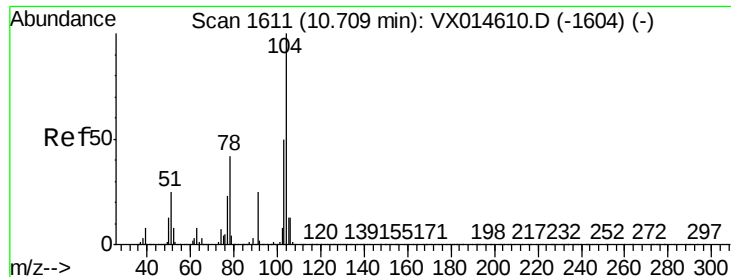
MMDadoda
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#68
o-Xylene
Concen: 21.196 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.0	104.8	314.6





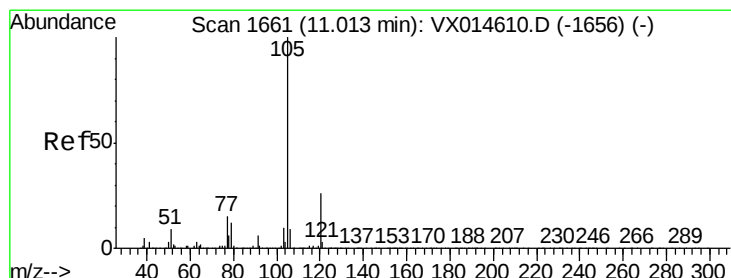
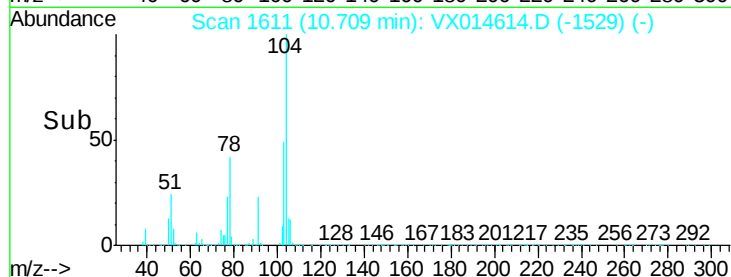
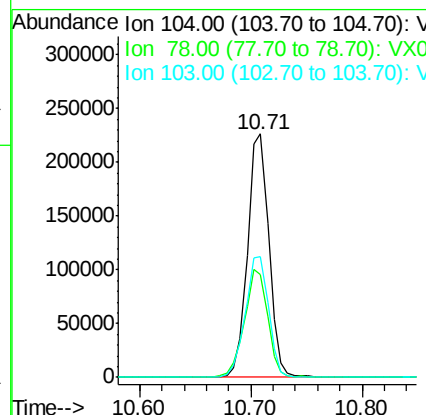
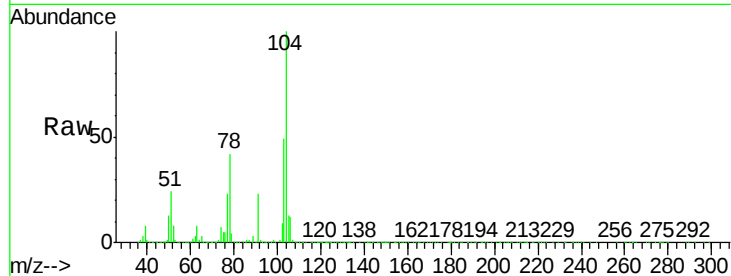
#69
Stvrene
Concen: 21.354 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.9	58.3
103	54.1	44.2	66.2

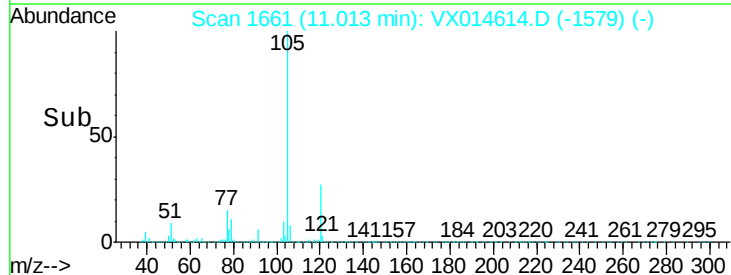
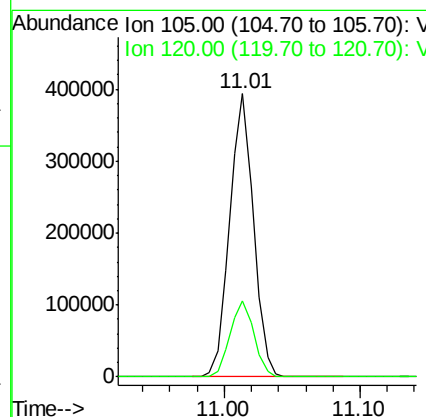
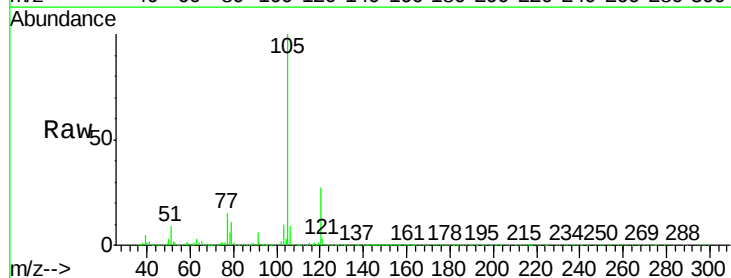
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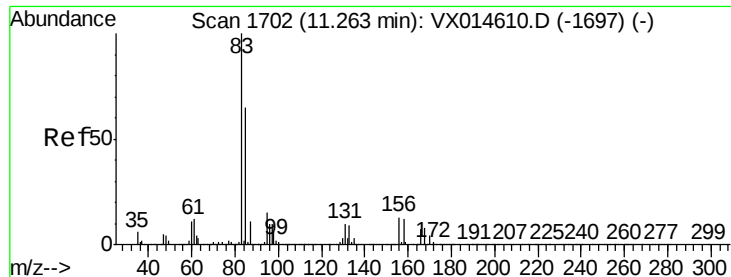
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#70
Isopropylbenzene
Concen: 21.901 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.1	35.5





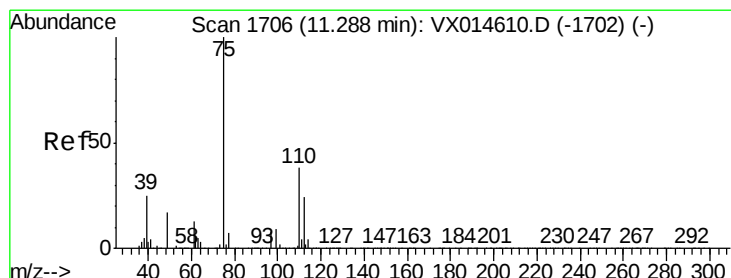
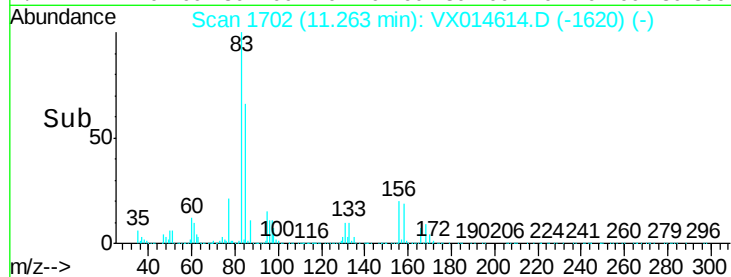
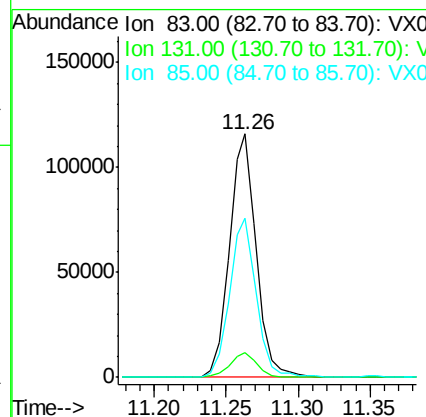
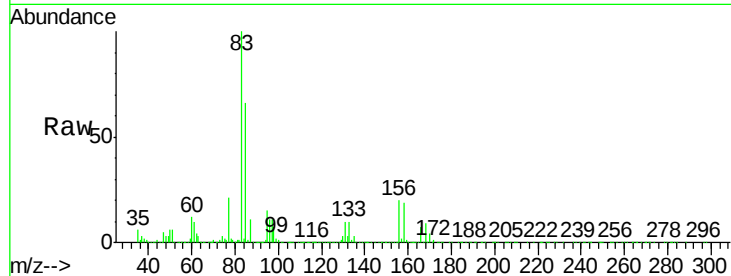
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.488 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX011520

Tot Ion	Ratio	Resp	Lower	Upper
83	100	150640		
131	10.2	4.9	14.7	
85	65.6	31.6	94.7	

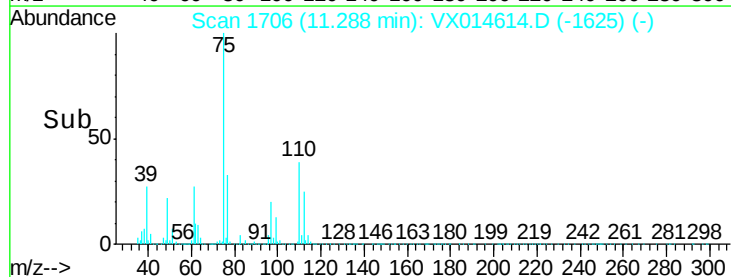
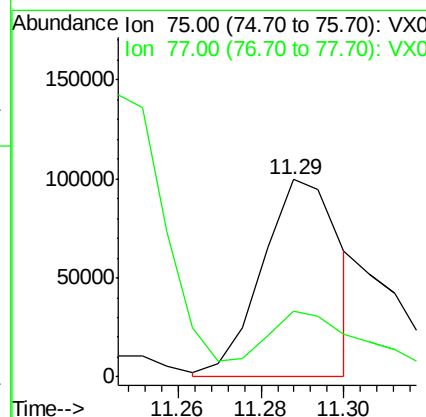
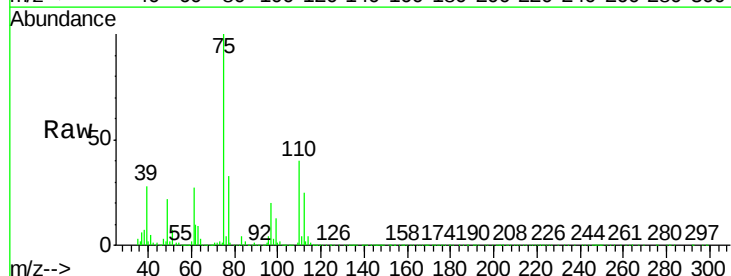
Manual Integrations
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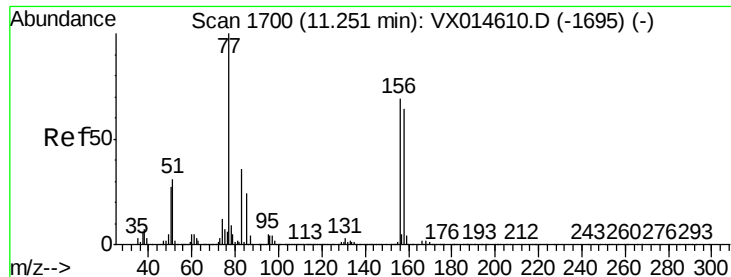
MMDadoda
 1/16/2020 9:42:14 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.636 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	129785		
77	42.3	0.0	68.4	





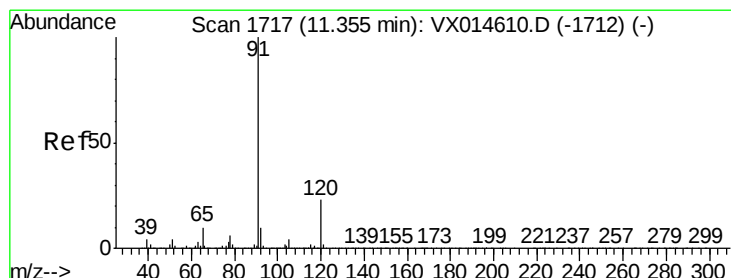
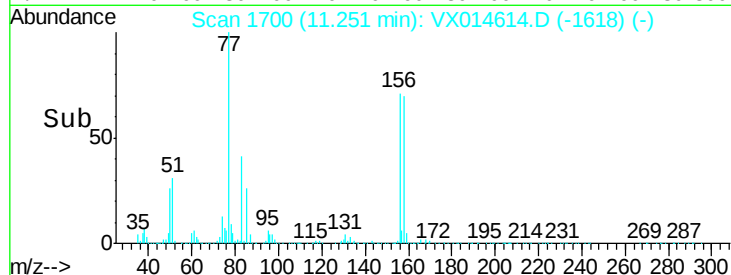
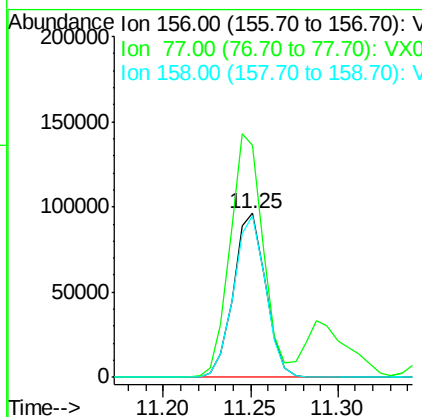
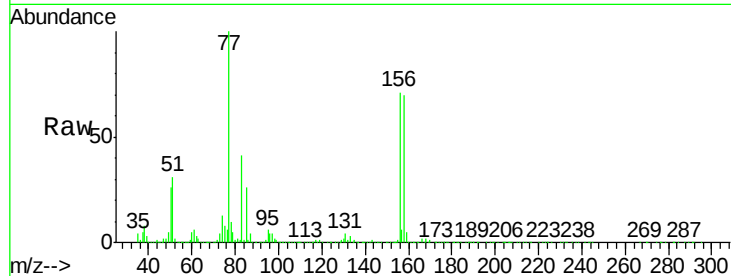
#73
Bromobenzene
Concen: 21.388 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Resp	Lower	Upper
156	100	123755		
77	150.4	0.0	304.6	
158	97.7	0.0	195.2	

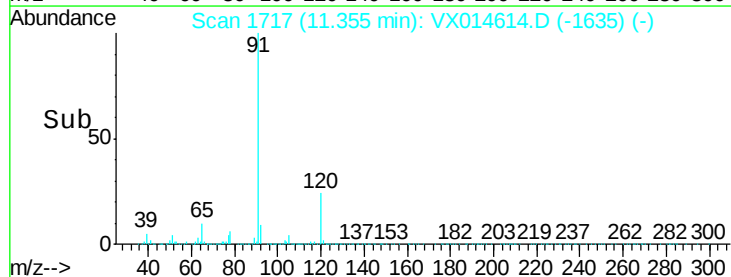
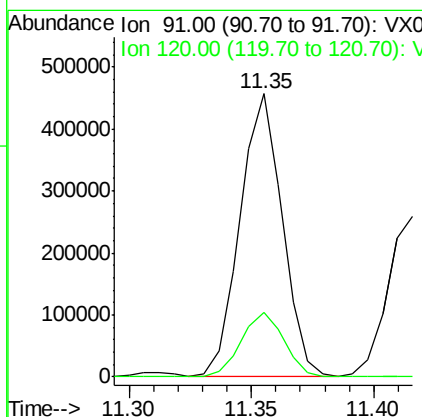
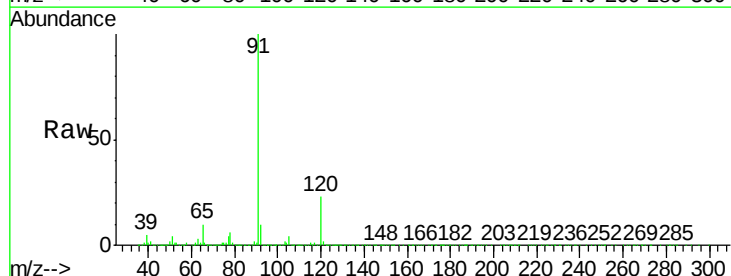
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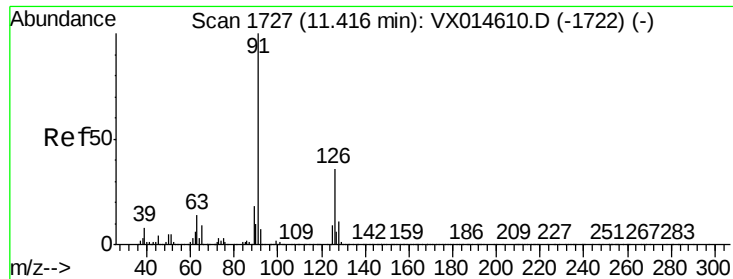
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#74
n-propylbenzene
Concen: 22.044 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	549833		
120	23.0	0.0	44.8	





#75

2-Chlorotoluene

Concen: 21.489 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX011520

Tot Ion: 91 Resp: 321225

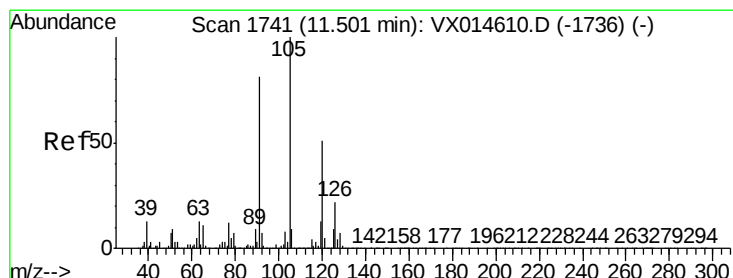
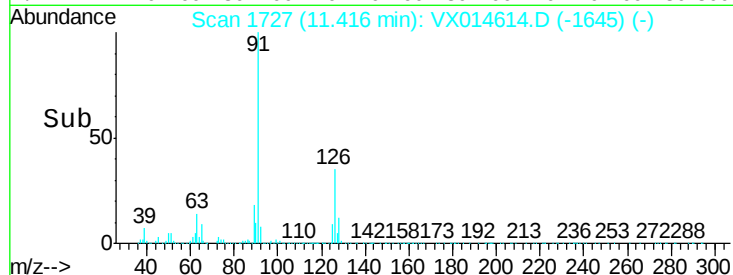
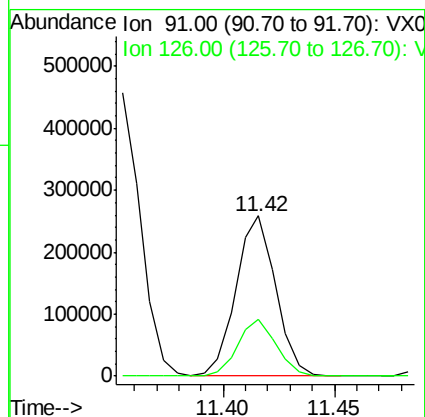
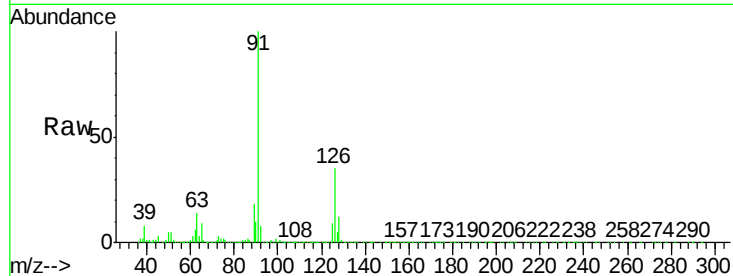
Ion Ratio Lower Upper

91 100

126 34.7 0.0 70.8

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 21.631 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014614.D

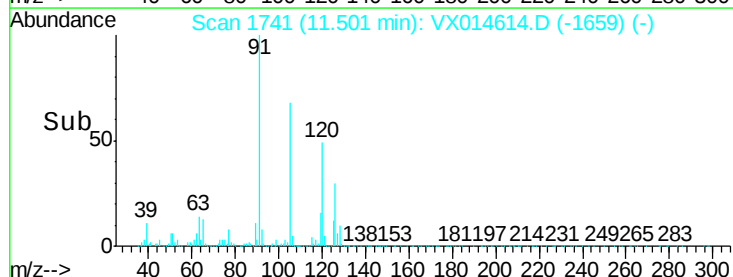
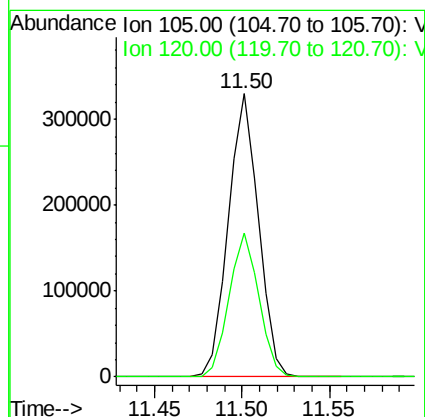
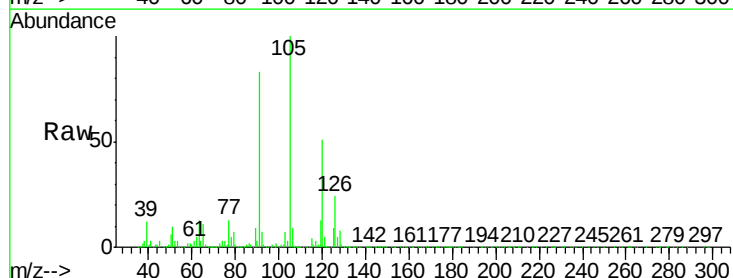
Acq: 15 Jan 2020 12:59

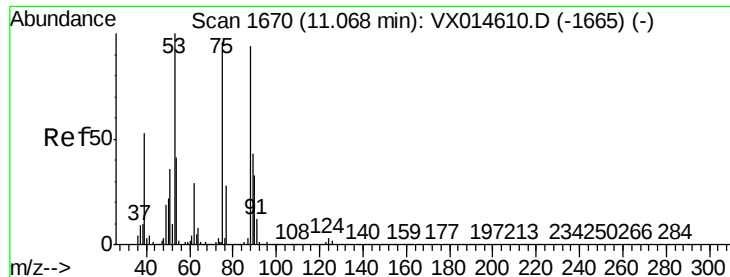
Tgt Ion: 105 Resp: 393421

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6





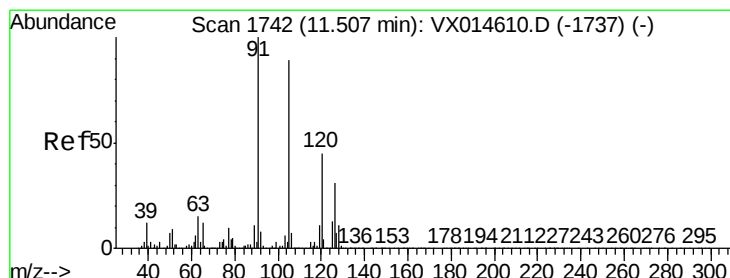
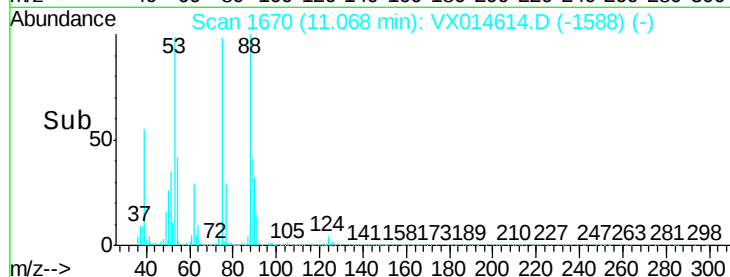
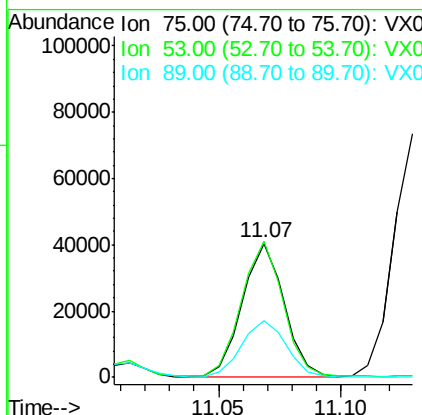
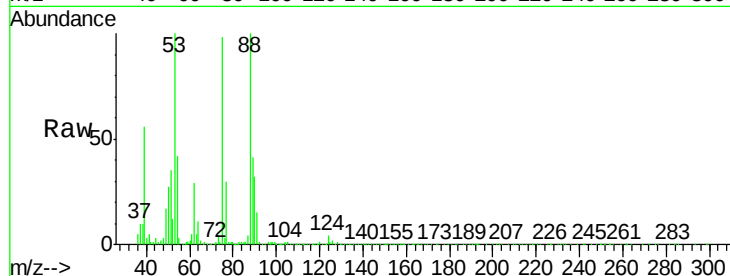
#77
t-1,4-Dichloro-2-butene
Concen: 19.862 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	54.4	163.1
89	42.1	21.9	65.5

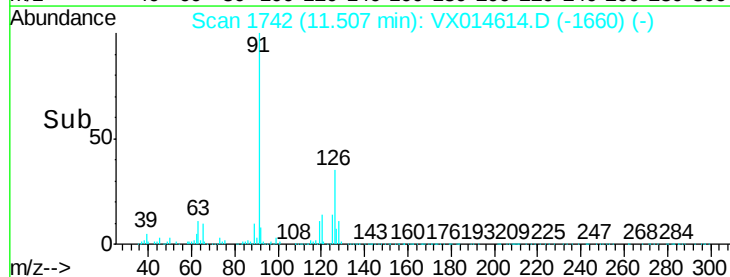
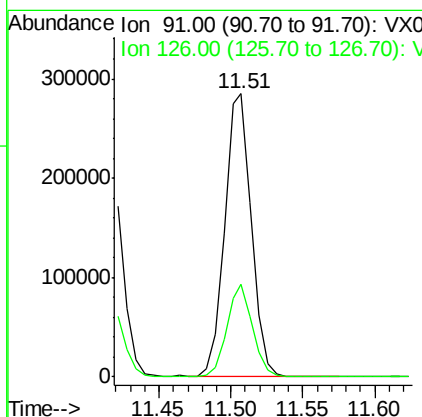
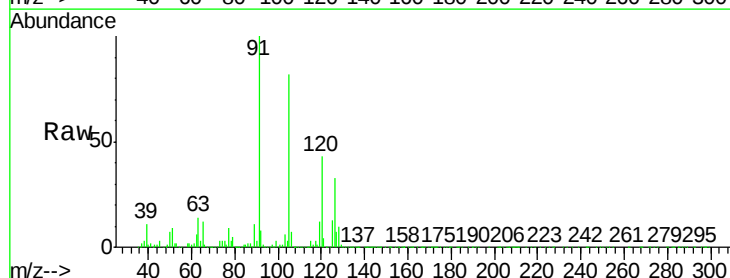
Manual Integrations
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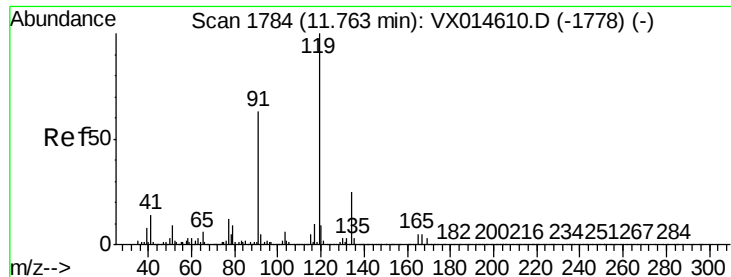
MMDadoda
1/16/2020 9:42:14 AM



#78
4-Chlorotoluene
Concen: 21.812 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	59.6





#79

tert-butylbenzene

Concen: 21.963 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Instrument :

MSVOA_X

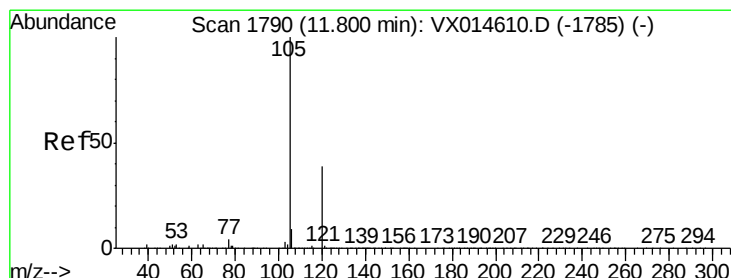
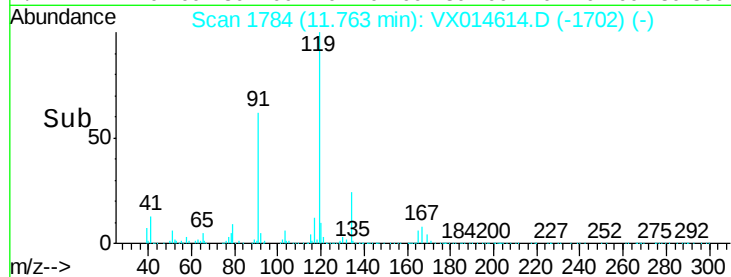
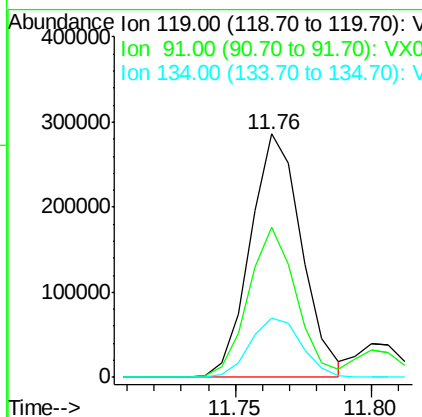
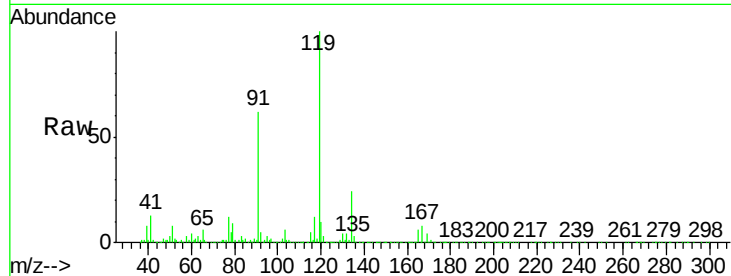
ClientSampleId :

ICVVX011520

Tot Ion:	119	Resp:	373769
Ion Ratio	Lower	Upper	
119	100		
91	57.9	0.0	112.6
134	24.6	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 21.530 ug/l

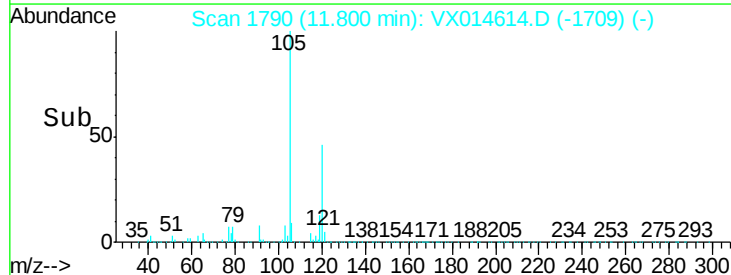
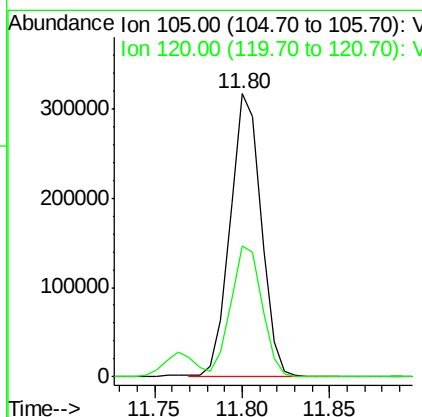
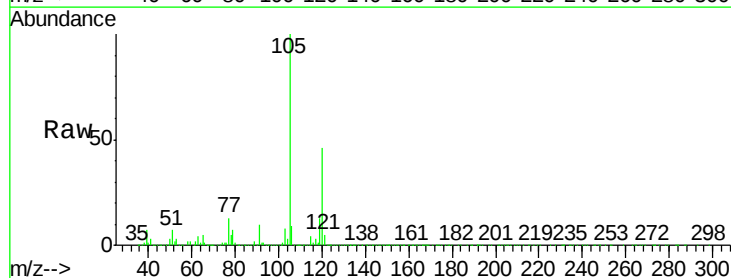
RT: 11.80 min Scan# 1790

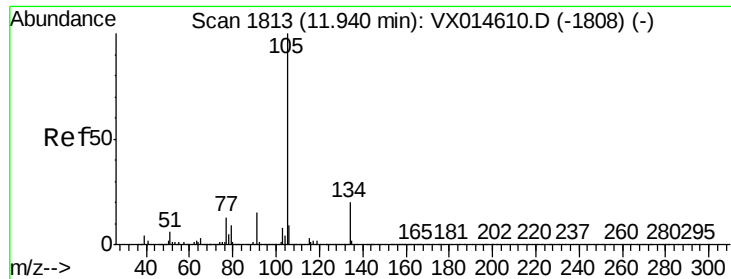
Delta R.T. -0.01 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion:	105	Resp:	390559
Ion Ratio	Lower	Upper	
105	100		
120	46.5	0.0	92.0





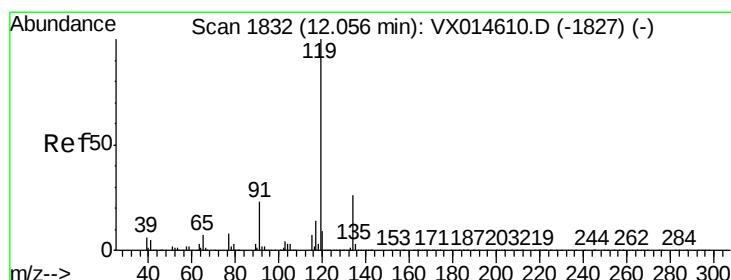
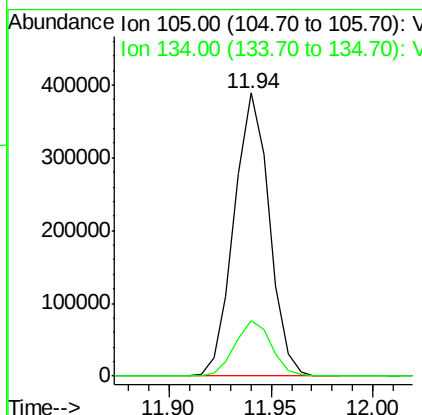
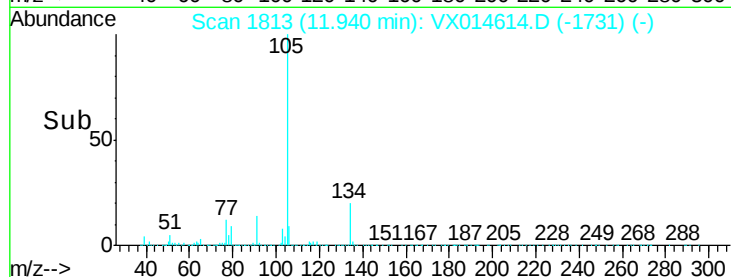
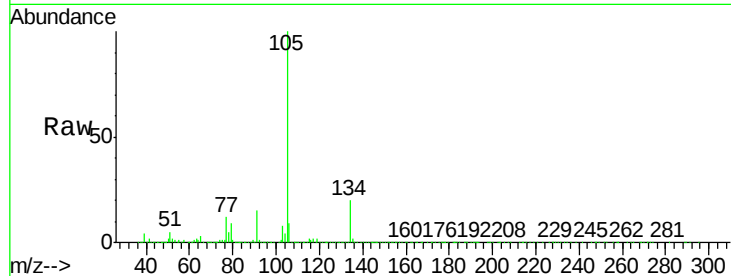
#81
 sec-Butylbenzene
 Concen: 22.039 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Resp	Lower	Upper
105	100	464106		
134	20.2	0.0	40.2	

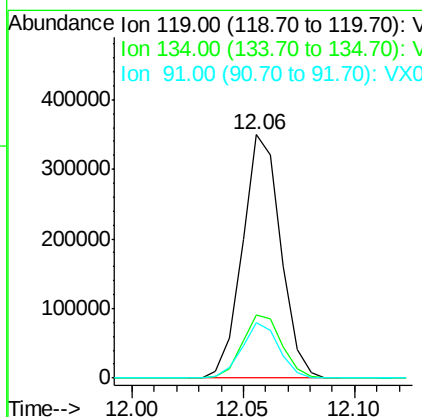
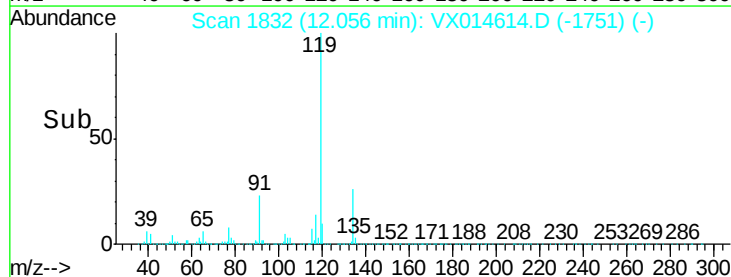
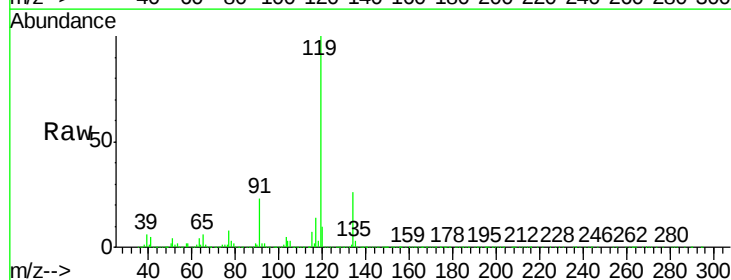
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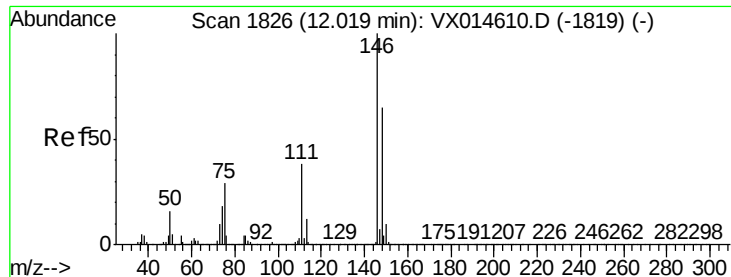
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#82
 p-Isopropyltoluene
 Concen: 21.760 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	418339		
134	26.9	0.0	53.8	
91	22.3	0.0	45.0	





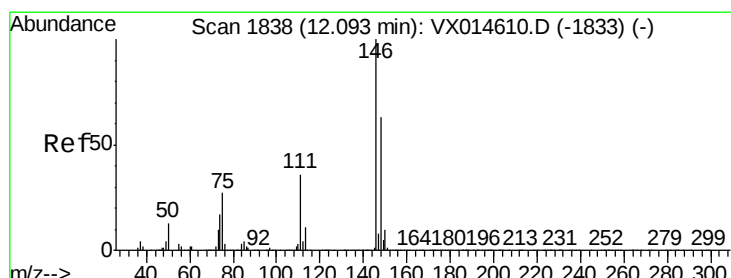
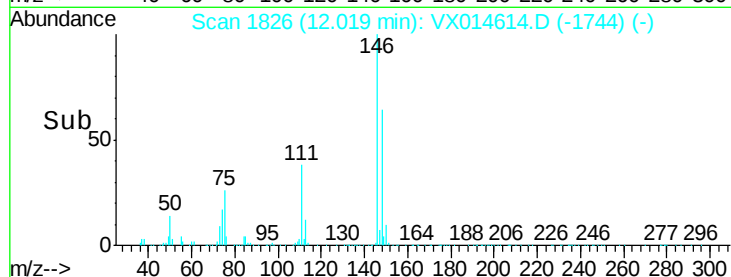
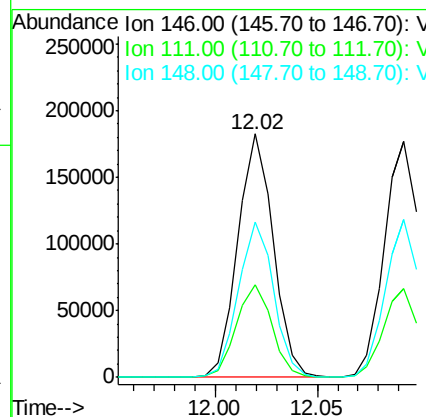
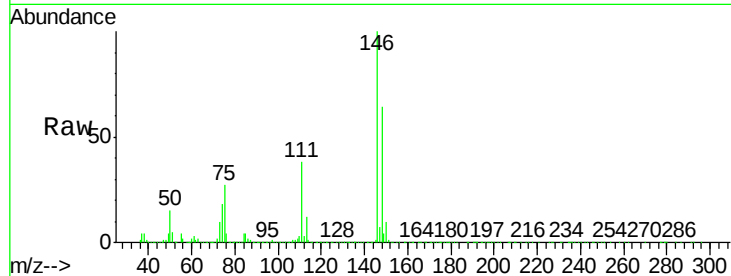
#83
 1,3-Dichlorobenzene
 Concen: 21.760 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	63.3	32.2	96.6

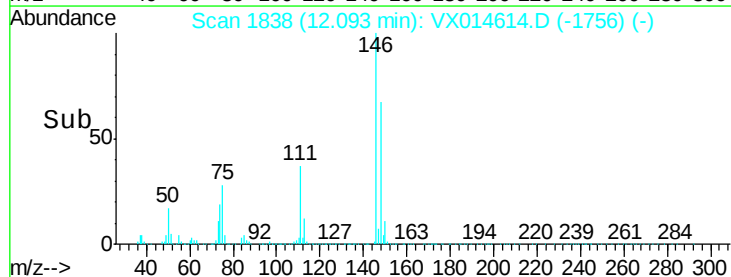
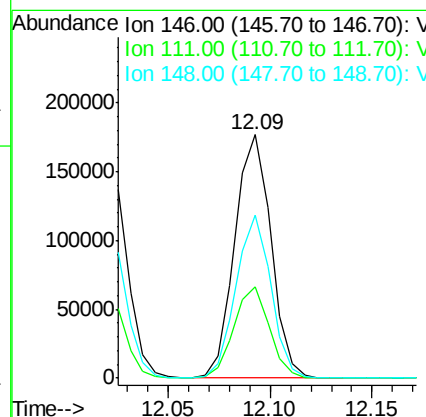
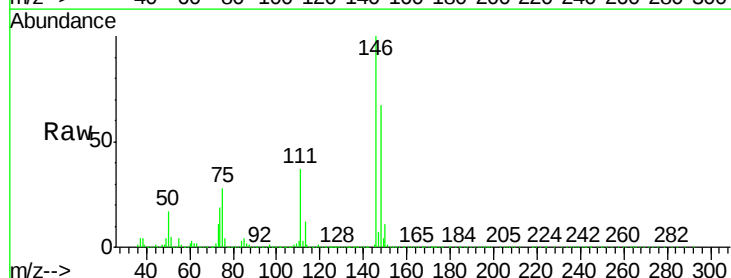
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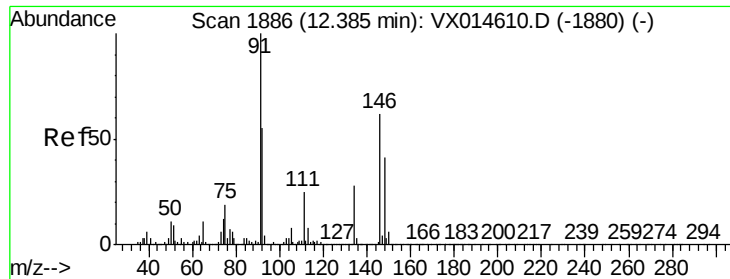
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#84
 1,4-Dichlorobenzene
 Concen: 21.761 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.4
148	64.7	32.0	96.0





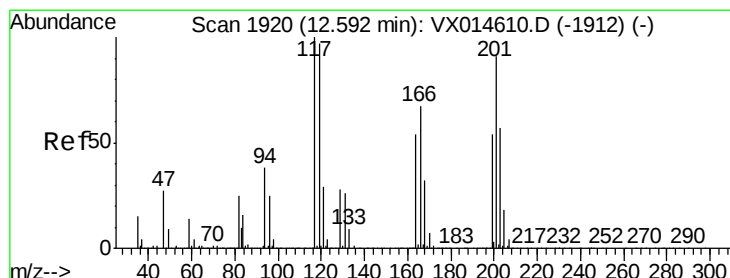
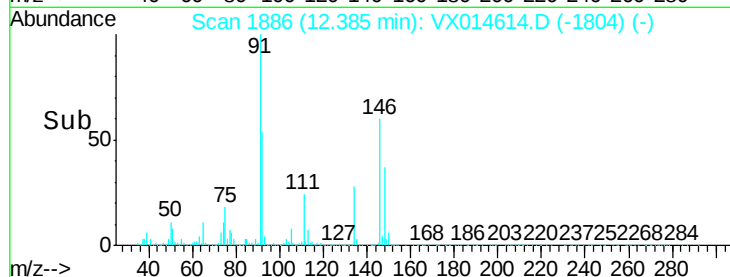
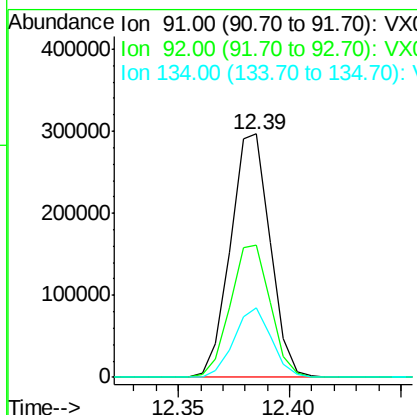
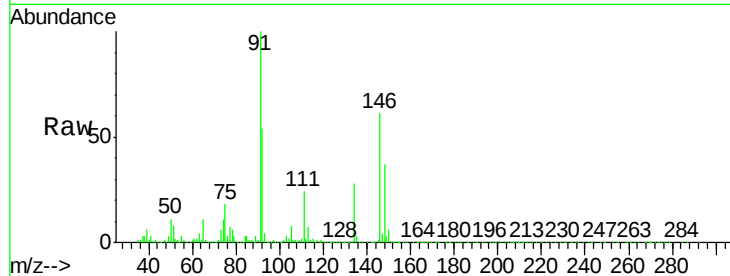
#85
n-Butylbenzene
Concen: 21.877 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Resp	Lower	Upper
91	100	367992		
92	54.7	0.0	109.0	
134	26.8	0.0	54.0	

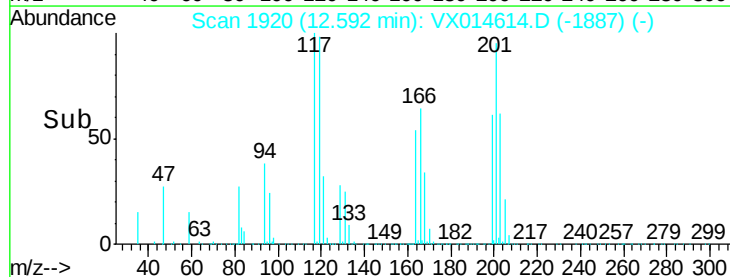
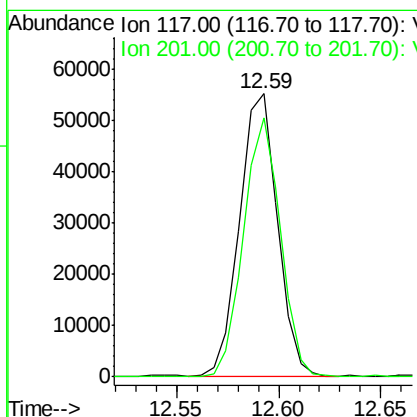
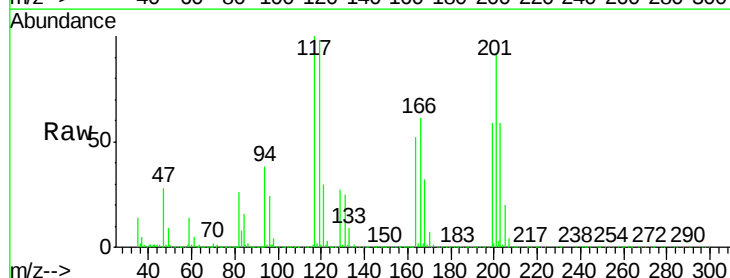
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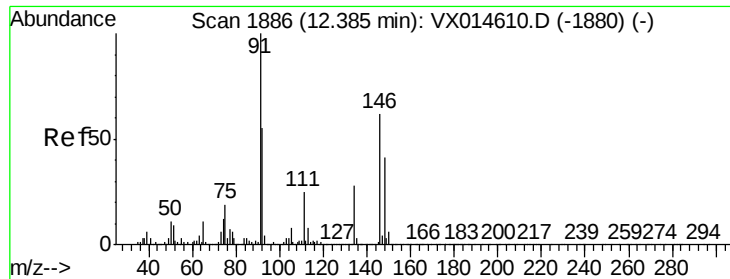
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#86
Hexachloroethane
Concen: 20.660 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71226		
201	89.0	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 21.473 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014614.D

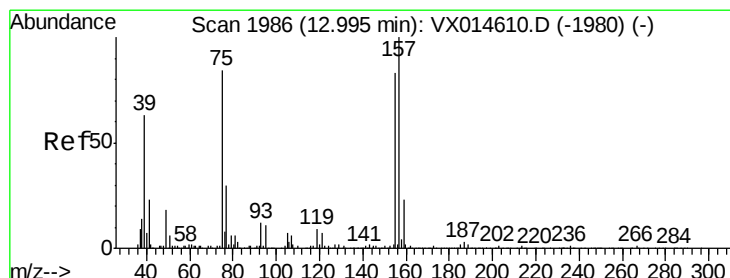
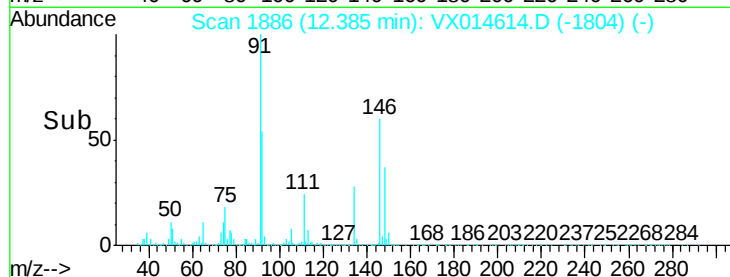
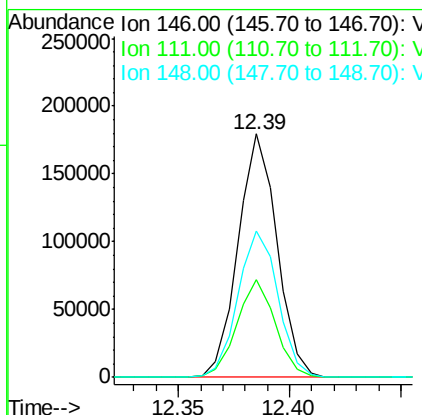
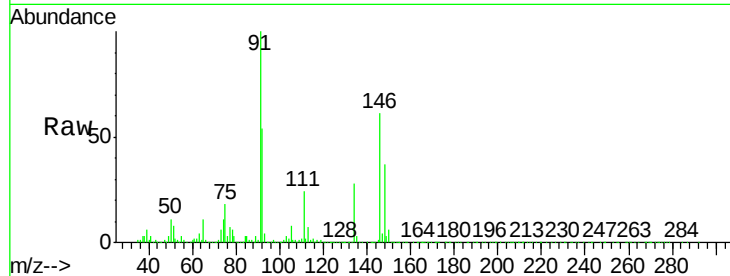
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Resp	Lower	Upper
146	100	218892		
111	39.3	20.1	60.2	
148	62.0	32.0	96.2	

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#88

1,2-Dibromo-3-Chloropropane

Concen: 20.407 ug/l

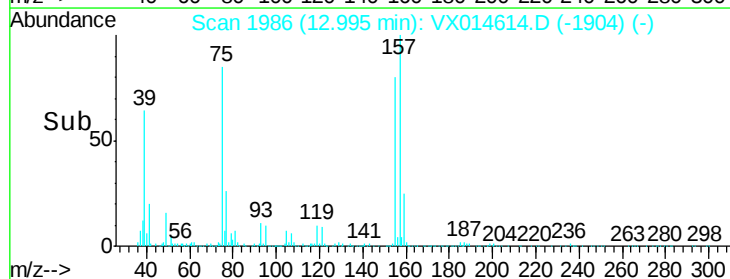
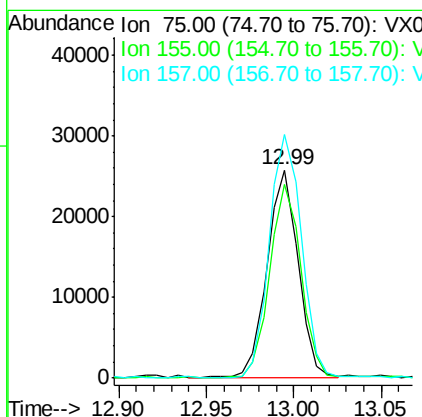
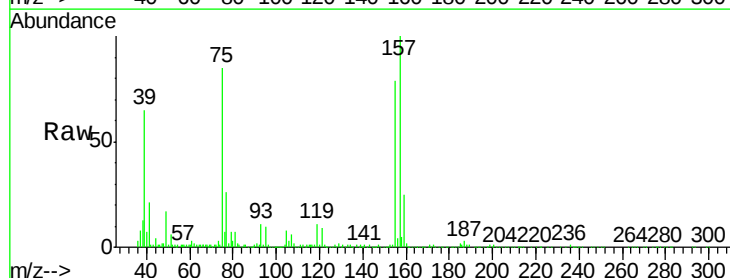
RT: 12.99 min Scan# 1886

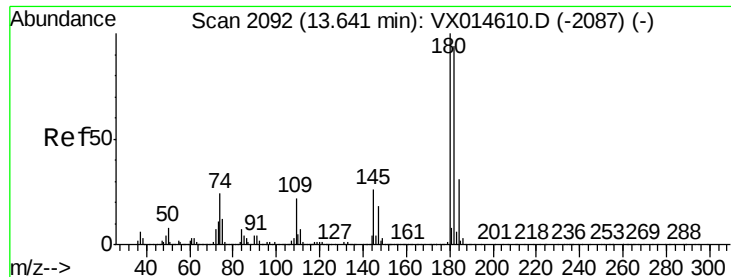
Delta R.T. 0.00 min

Lab File: VX014614.D

Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32052		
155	93.0	73.8	110.6	
157	120.3	95.0	142.4	





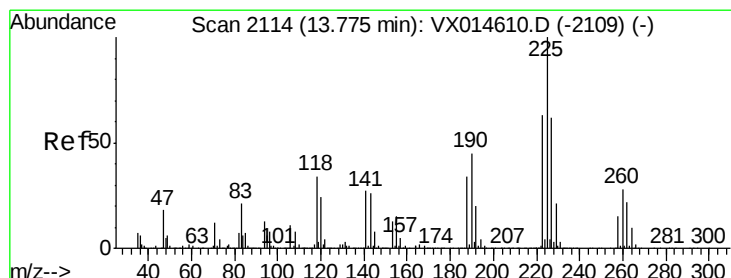
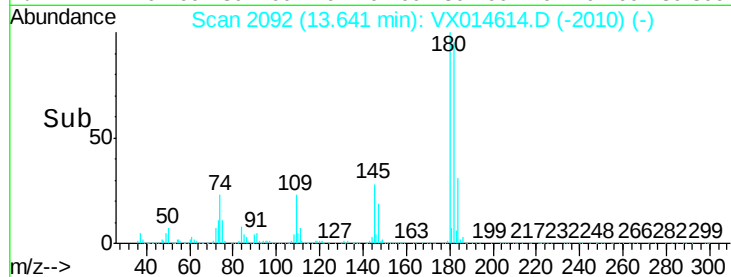
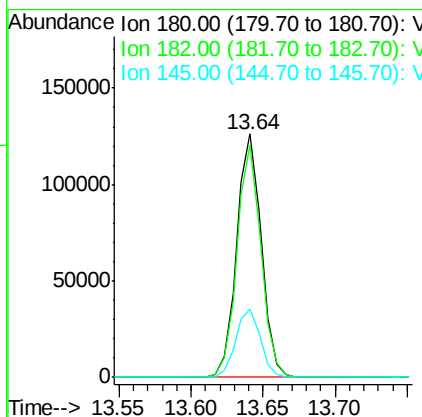
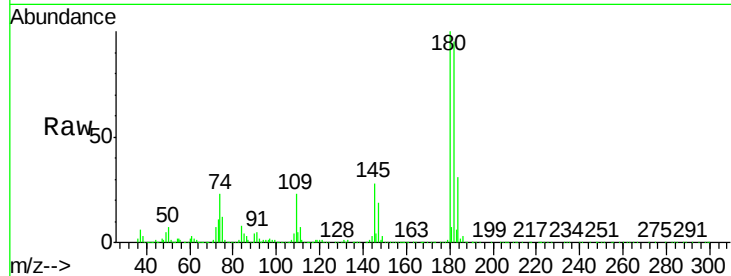
#89
 1,2,4-Trichlorobenzene
 Concen: 22.296 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011520

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.4	114.6
145	28.4	21.9	32.9

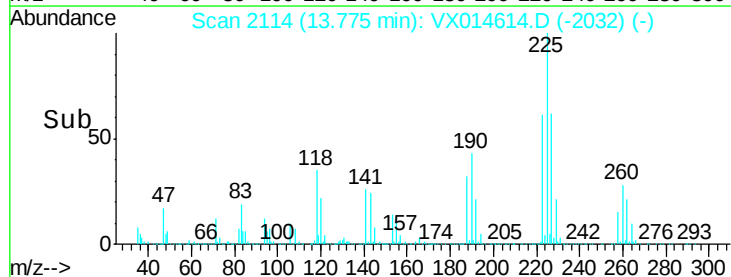
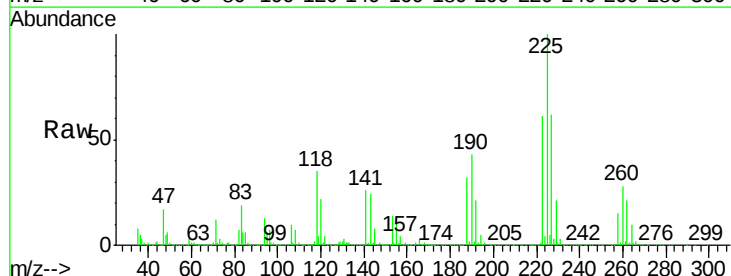
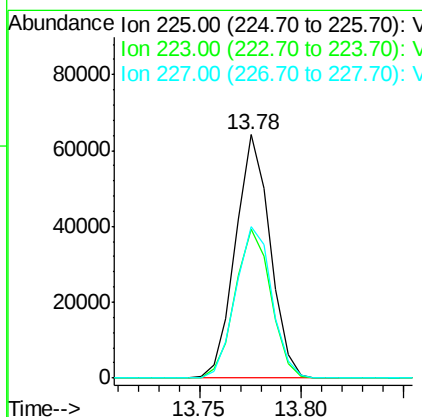
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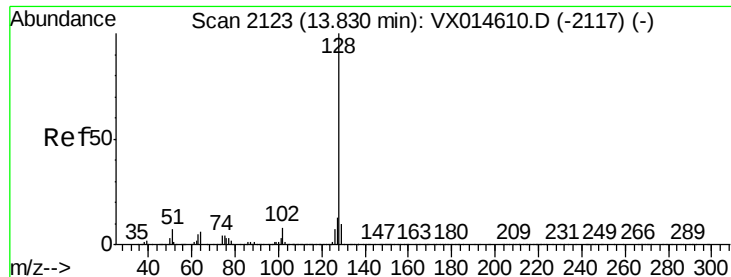
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#90
 Hexachlorobutadiene
 Concen: 22.504 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014614.D
 Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	127.4
227	64.8	0.0	122.8





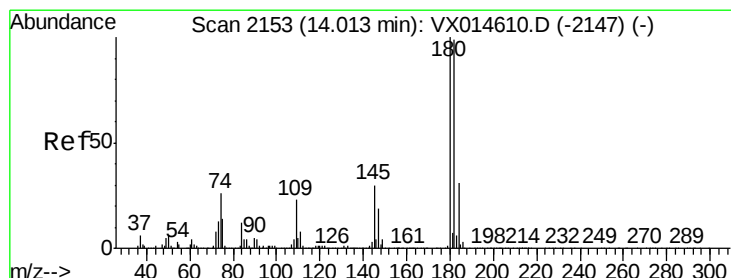
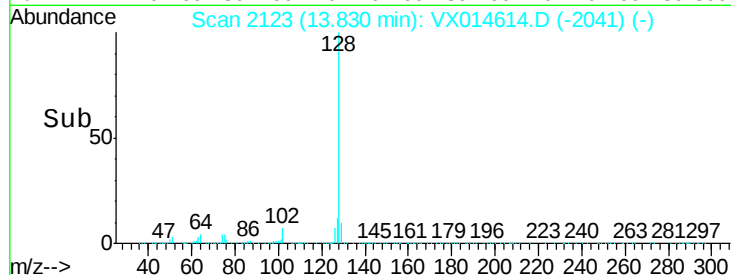
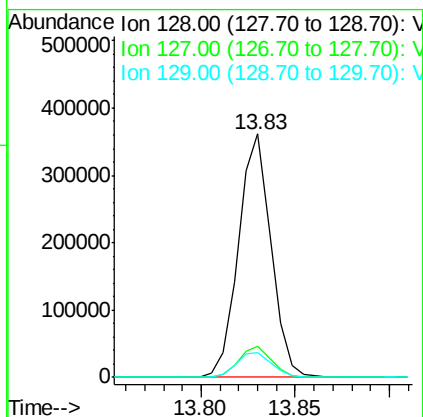
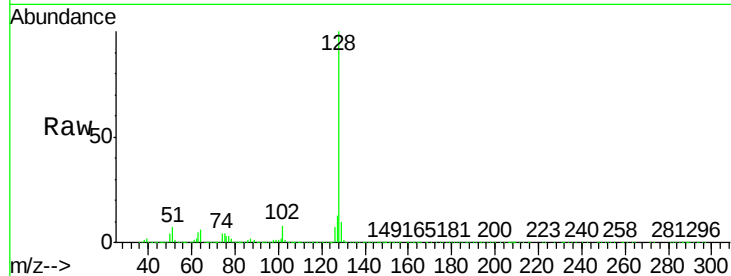
#91
Naphthalene
Concen: 21.265 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011520

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 21.418 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014614.D
Acq: 15 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.8
145	31.0	0.0	60.0

