

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014348.D
 Acq On : 30 Dec 2019 12:40
 Operator : JC/SP
 Sample : VX1230WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1230WBSD01

Manual Integrations
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 12/31/2019 9:32:35 AM

Quant Time: Dec 31 02:13:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	82040	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	449329	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	410277	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	174053	29.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.73%
60) 4-Bromofluorobenzene	11.13	95	197133	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.71	98	559425	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.19	85	80884	19.518	ug/l	99
3) Chloromethane	1.32	50	119664	20.487	ug/l	97
4) Vinyl Chloride	1.40	62	120358	20.101	ug/l	100
5) Bromomethane	1.63	94	75669	17.288	ug/l	99
6) Chloroethane	1.72	64	77253	20.888	ug/l	92
7) Trichlorofluoromethane	1.92	101	154302	20.710	ug/l	98
8) Diethyl Ether	2.18	74	72490	21.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94450	21.255	ug/l	100
10) 1,1-Dichloroethene	2.37	96	93779	20.413	ug/l	98
11) Methyl Iodide	2.50	142	109197	18.464	ug/l	99
12) Methyl Acetate	2.76	43	160541	22.573	ug/l	99
13) Acrolein	2.28	56	121992	141.424	ug/l	99
14) Acrylonitrile	3.12	53	314701	113.190	ug/l	99
15) Acetone	2.43	58	89211	109.227	ug/l	95
16) Carbon Disulfide	2.56	76	253785	20.392	ug/l	98
17) Allyl chloride	2.72	41	175406	21.248	ug/l	96
18) Methylene Chloride	2.84	84	115892	20.588	ug/l	96
19) trans-1,2-Dichloroethene	3.16	96	102150	20.305	ug/l	95
20) Diisopropyl ether	3.84	45	363043	21.432	ug/l	94
21) 1,1-Dichloroethane	3.69	63	189464	20.609	ug/l	100
22) cis-1,2-Dichloroethene	4.58	96	118708	20.355	ug/l	97
23) tert-Butyl Alcohol	3.02	59	133260	122.199	ug/l #	100
24) Methyl tert-Butyl Ether	3.18	73	325072	20.947	ug/l	98
25) Chloroform	5.19	83	183250	20.908	ug/l	98
26) Cyclohexane	5.57	56	175301	21.384	ug/l	97
29) 1,1-Dichloropropene	5.78	75	136131	20.974	ug/l	99
30) 2-Butanone	4.65	43	440734	115.207	ug/l	100
31) 2,2-Dichloropropane	4.57	77	143523	23.906	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	146828	20.453	ug/l	99
33) Carbon Tetrachloride	5.77	117	126532	20.734	ug/l	97
34) Benzene	6.13	78	435681	21.528	ug/l	99
35) Methacrylonitrile	5.02	41	92318	22.437	ug/l	99
36) 1,2-Dichloroethane	6.18	62	152808	21.737	ug/l	98
37) Trichloroethene	7.20	130	114402	20.775	ug/l	98
38) Methylcyclohexane	7.45	83	173535	22.415	ug/l	100
39) 1,2-Dichloropropane	7.50	63	112097	21.326	ug/l	93
40) Dibromomethane	7.65	93	73370	21.850	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	139558	21.465	ug/l	97
42) Vinyl Acetate	3.80	43	1562240	115.665	ug/l	100
43) Ethyl Acetate	4.81	43	165228	22.508	ug/l #	86
44) Isopropyl Acetate	6.43	43	272128	22.134	ug/l	100
45) 1,4-Dioxane	7.73	88	58131	504.899	ug/l	99
46) Methyl methacrylate	7.76	41	132015	22.106	ug/l	96
47) n-amyl Acetate	10.89	43	226152	20.687	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	153162	21.583	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	177816	22.281	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	110375	21.299	ug/l	96
51) Ethyl methacrylate	9.17	69	175626	21.306	ug/l	99
52) 1,3-Dichloropropane	9.36	76	191486	21.749	ug/l	100
53) Dibromochloromethane	9.57	129	111839	21.583	ug/l	99
54) 1,2-Dibromoethane	9.67	107	115514	21.650	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	371529	102.247	ug/l	99
56) Bromoform	10.85	173	83605	20.690	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	865725	112.776	ug/l	99
59) 2-Hexanone	9.48	43	658515	113.038	ug/l	99
61) Tetrachloroethene	9.33	164	119279	21.976	ug/l	96
62) Toluene	8.78	91	462062	21.175	ug/l	100
64) Chlorobenzene	10.13	112	286146	20.931	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.21	131	103591	20.464	ug/l	98
66) Ethyl Benzene	10.25	91	506486	21.210	ug/l	98
67) m/p-Xylenes	10.36	106	386546	42.345	ug/l	100
68) o-Xylene	10.69	106	188234	20.815	ug/l	99
69) Styrene	10.71	104	312781	20.339	ug/l	100
70) Isopropylbenzene	11.01	105	491250	21.021	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	170519	20.576	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	146151m	19.812	ug/l	
73) Bromobenzene	11.25	156	127239	20.396	ug/l	98
74) n-propylbenzene	11.35	91	567918	21.426	ug/l	99
75) 2-Chlorotoluene	11.42	91	339803	21.217	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	412297	20.798	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	54365	22.317	ug/l	91
78) 4-Chlorotoluene	11.51	91	378430	20.678	ug/l	98
79) tert-butylbenzene	11.76	119	387926	20.302	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	409041	20.635	ug/l	99
81) sec-Butylbenzene	11.94	105	472140	20.773	ug/l	99
82) p-Isopropyltoluene	12.06	119	431193	21.023	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	220953	20.320	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	223182	20.613	ug/l	99
85) n-Butylbenzene	12.39	91	365228	21.179	ug/l	100
86) Hexachloroethane	12.59	117	74404	19.997	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	225786	20.444	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34481	20.874	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	145927	20.673	ug/l	99
90) Hexachlorobutadiene	13.78	225	69827	20.812	ug/l	95
91) Naphthalene	13.83	128	443035	20.882	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	148222	20.703	ug/l	100

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ClientSampleId :
VX1230WBSD01

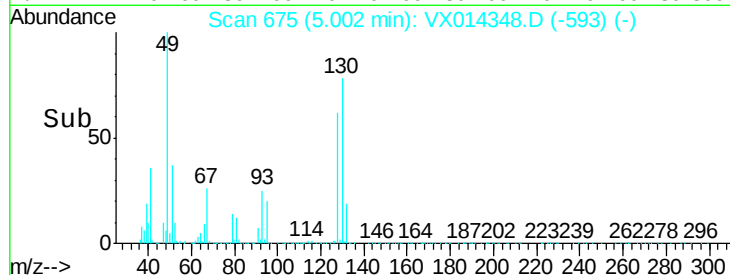
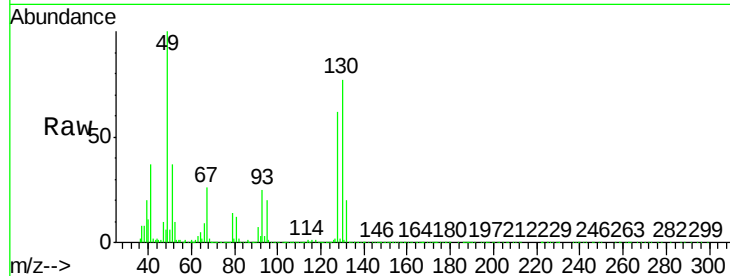
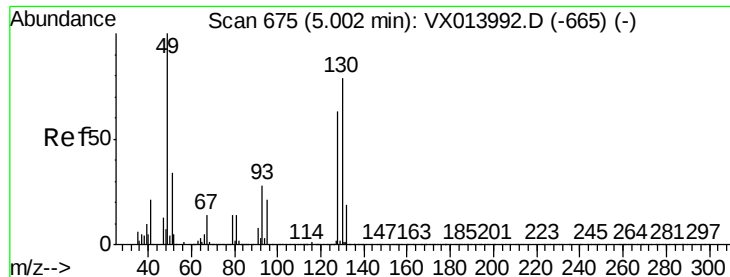
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



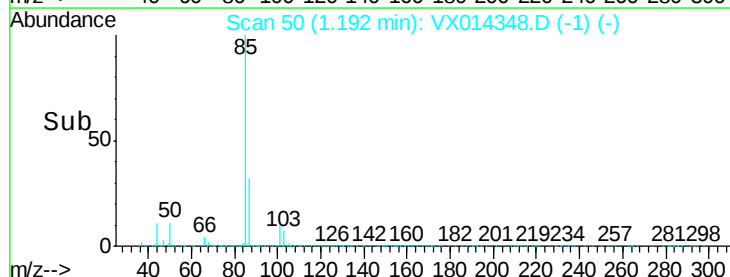
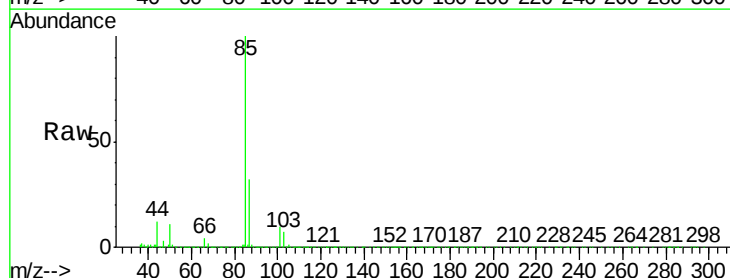
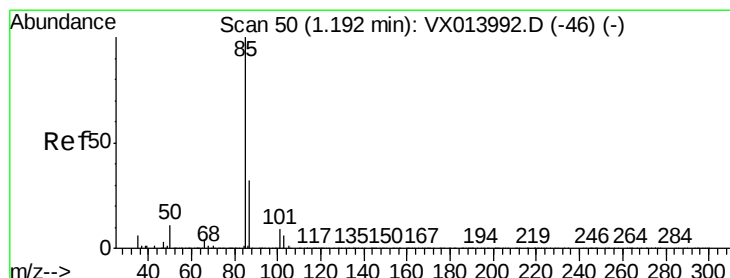
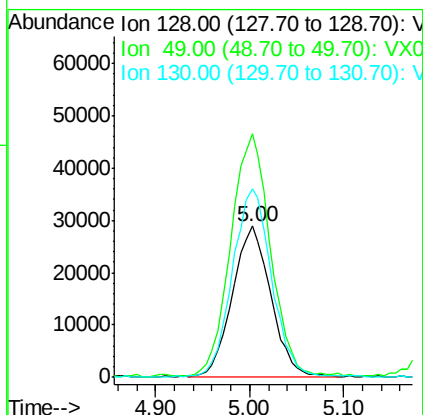
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Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tot Ion	Ratio	Lower	Upper
128	100		
49	163.9	0.0	405.0
130	126.5	0.0	321.5

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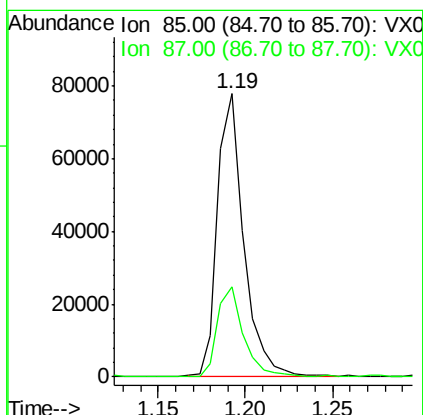
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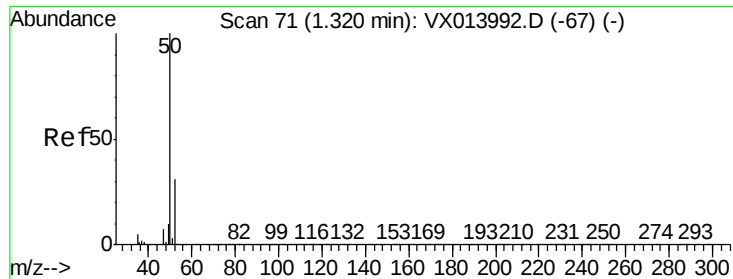
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#2
Dichlorodifluoromethane
Concen: 19.518 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.3	48.9





#3

Chloromethane

Concen: 20.487 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 50 Resp: 119664

Ion Ratio Lower Upper

50 100

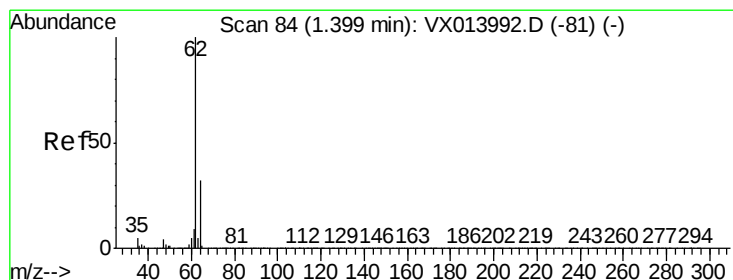
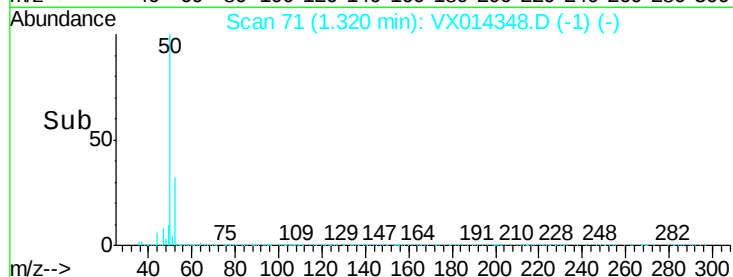
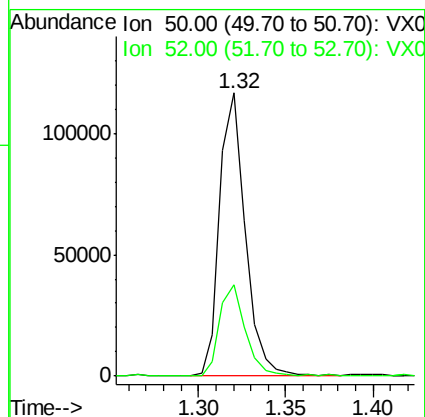
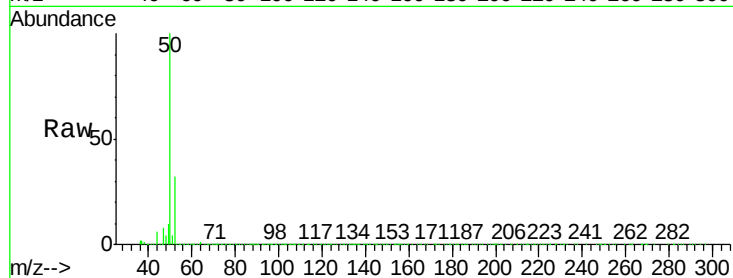
52 32.1 24.3 36.5

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#4

Vinyl Chloride

Concen: 20.101 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014348.D

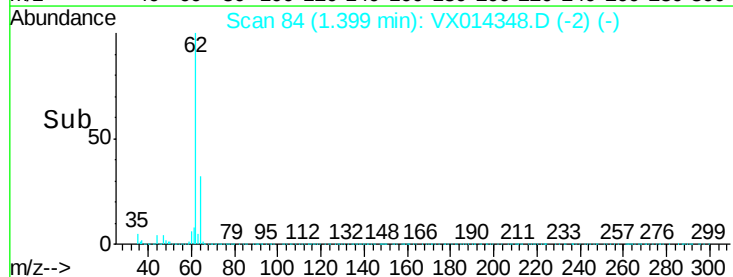
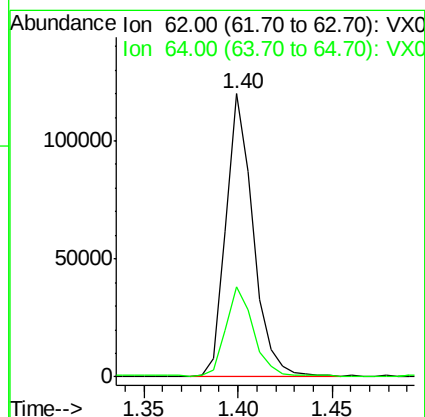
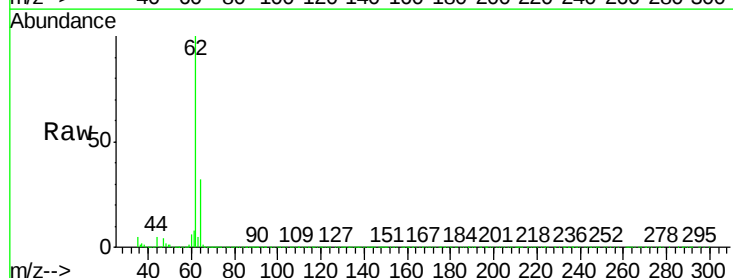
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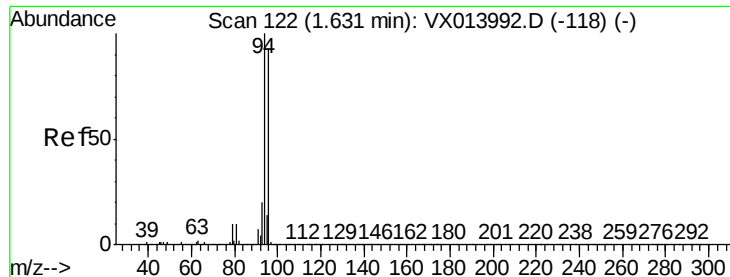
Tgt Ion: 62 Resp: 120358

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 17.288 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 94 Resp: 75669

Ion Ratio Lower Upper

94 100

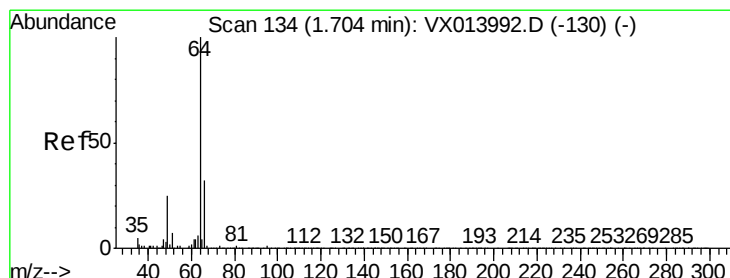
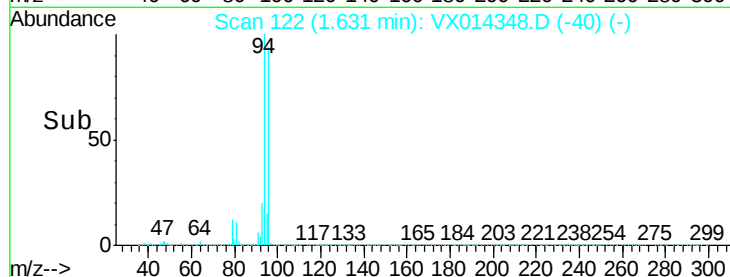
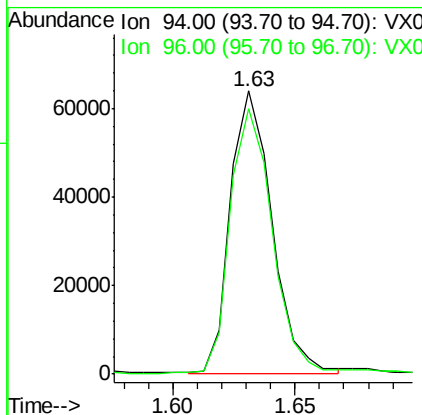
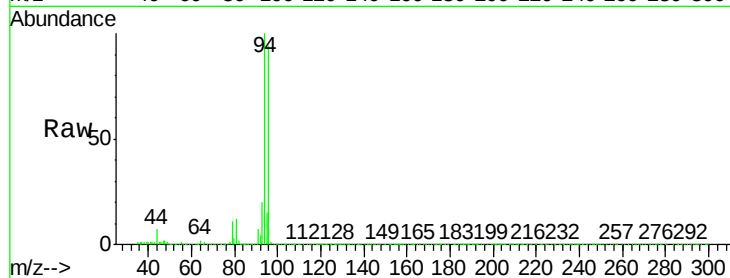
96 94.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 20.888 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014348.D

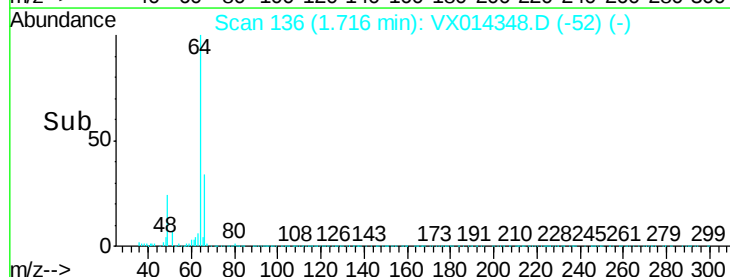
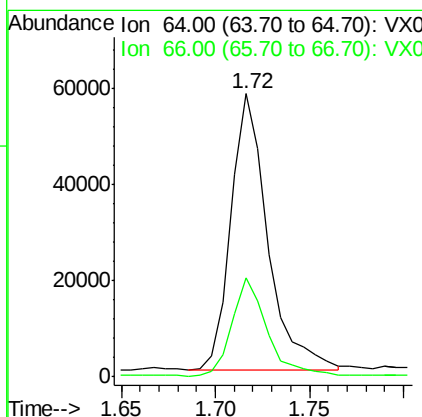
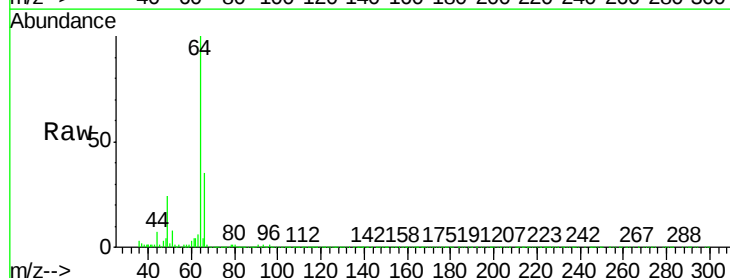
Acq: 30 Dec 2019 12:40

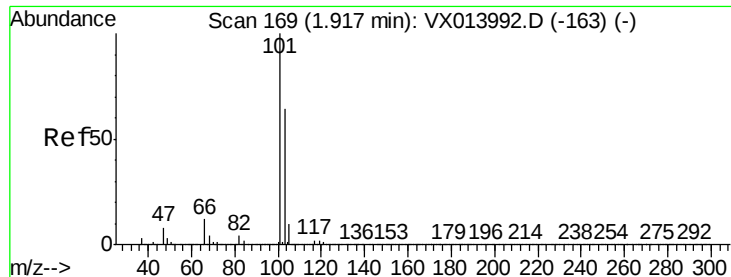
Tgt Ion: 64 Resp: 77253

Ion Ratio Lower Upper

64 100

66 35.8 25.2 37.8





#7

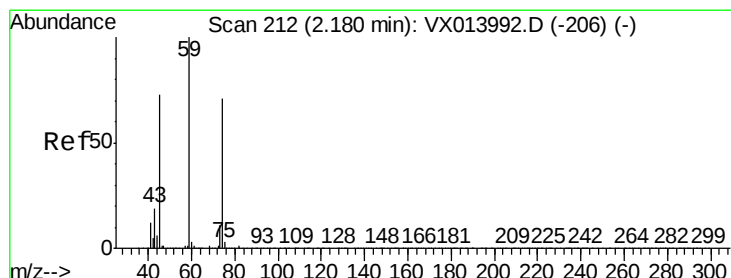
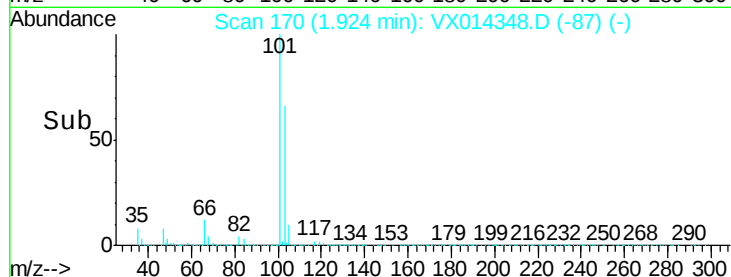
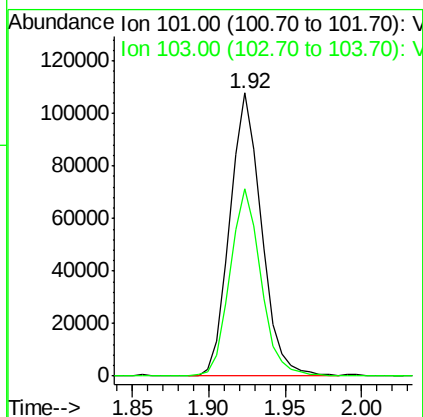
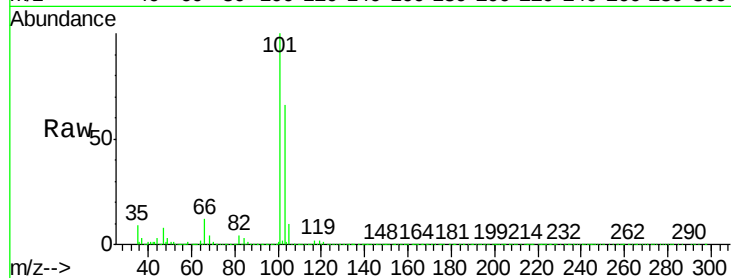
Trichlorofluoromethane
Concen: 20.710 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
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ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4

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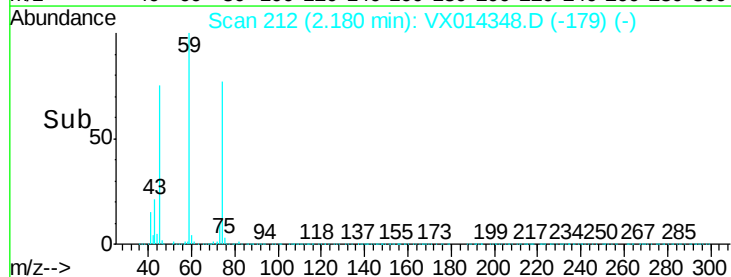
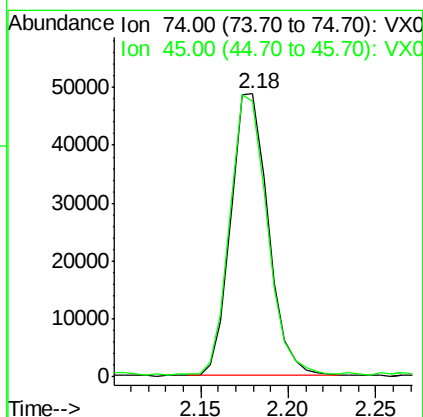
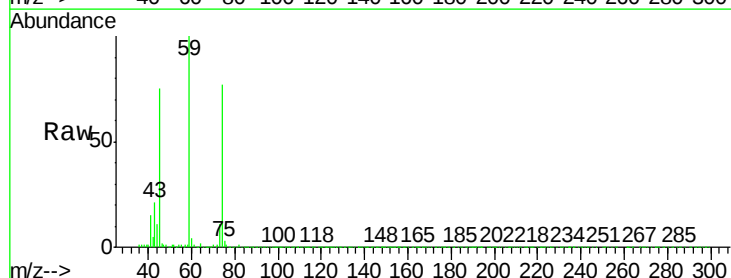
apatel
12/31/2019 9:32:35 AM

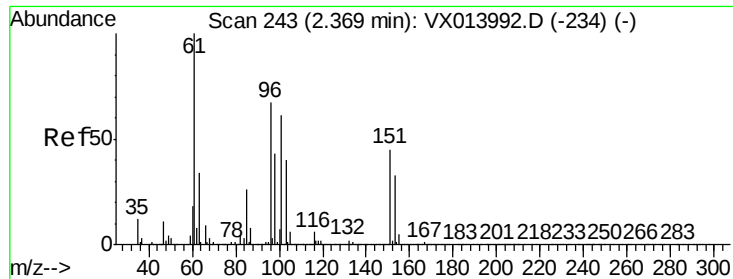


#8

Diethyl Ether
Concen: 21.167 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.255 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

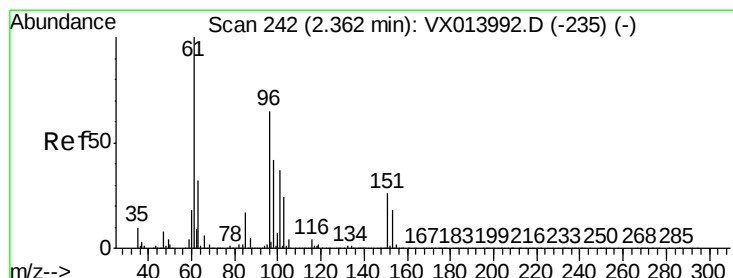
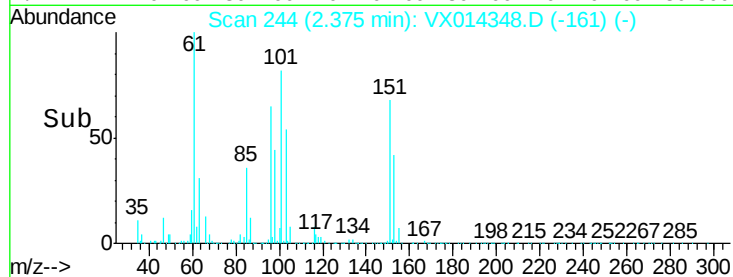
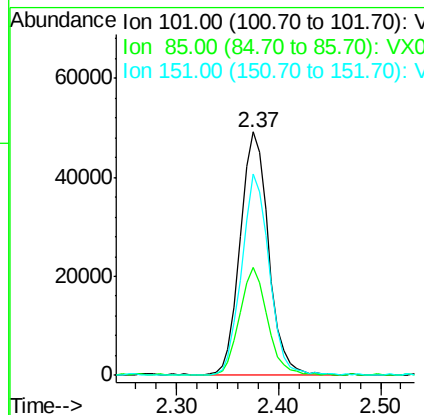
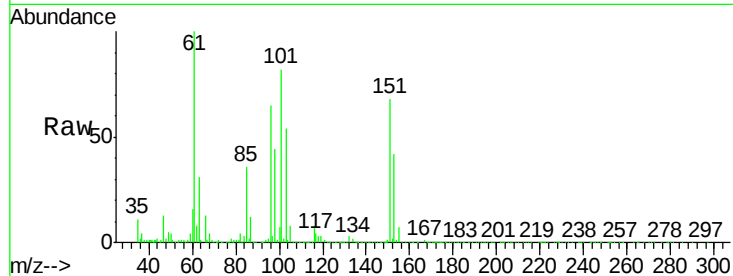
ClientSampleId :

VX1230WBSD01

Tot Ion:	101	Resp:	94450
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	85.6
151	80.1	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 20.413 ug/l

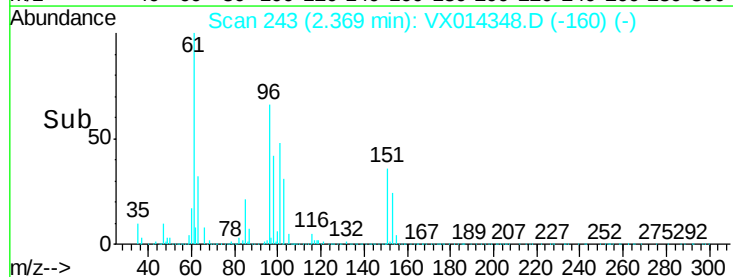
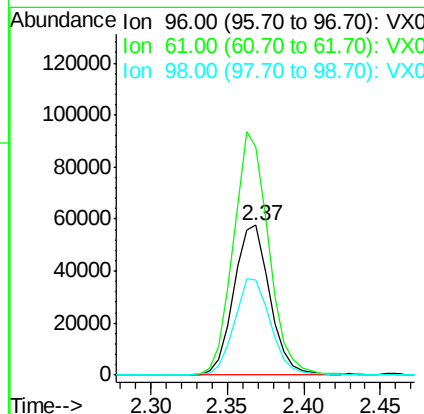
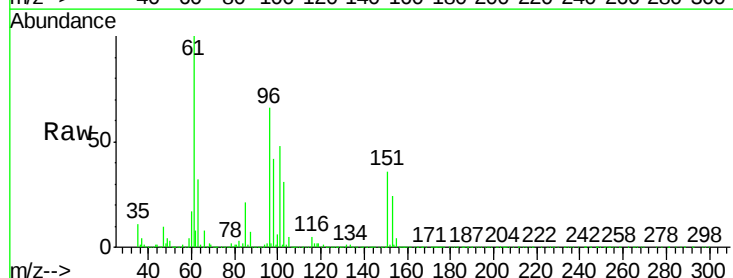
RT: 2.37 min Scan# 243

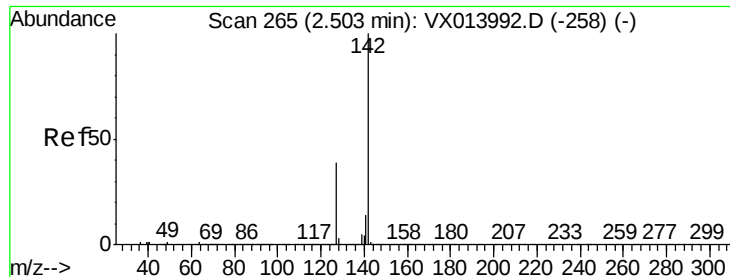
Delta R.T. 0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	96	Resp:	93779
Ion Ratio	Lower	Upper	
96	100		
61	151.6	123.0	184.6
98	63.0	51.4	77.0





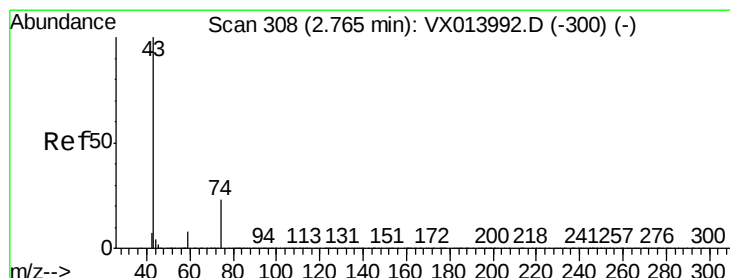
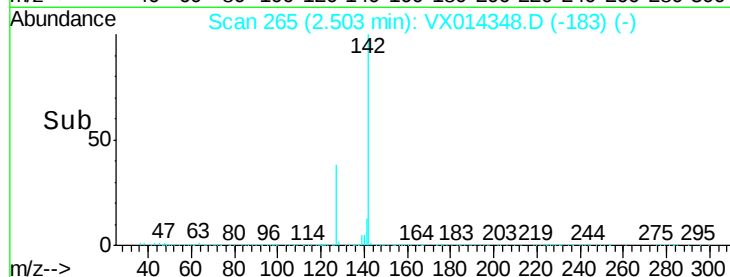
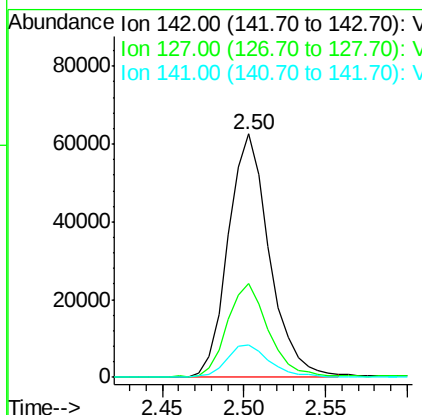
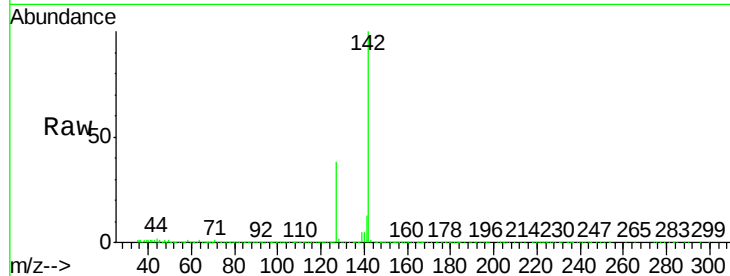
#11
Methyl Iodide
Concen: 18.464 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.1	19.5	58.5
141	13.3	7.0	20.9

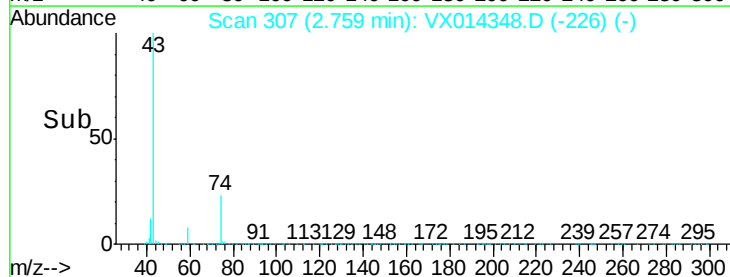
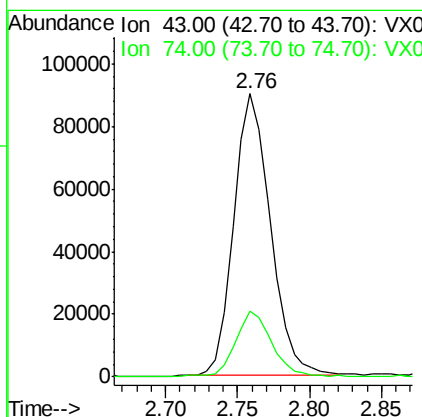
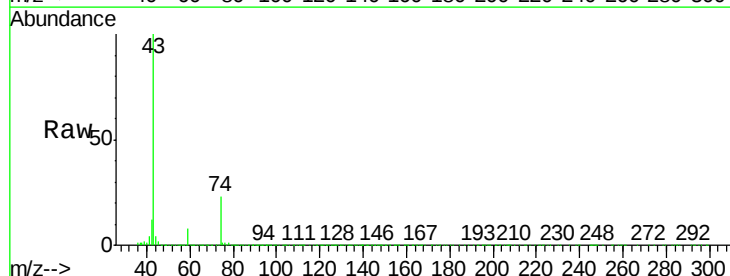
Manual Integrations
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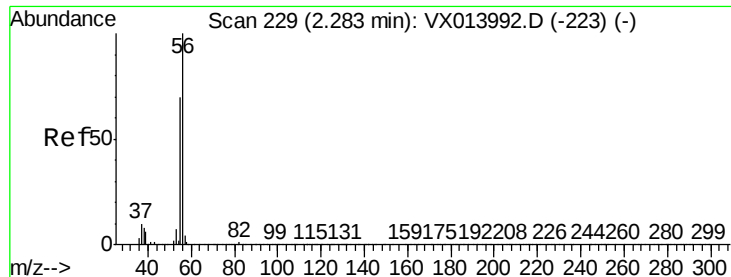
apatel
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#12
Methyl Acetate
Concen: 22.573 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.5	27.7





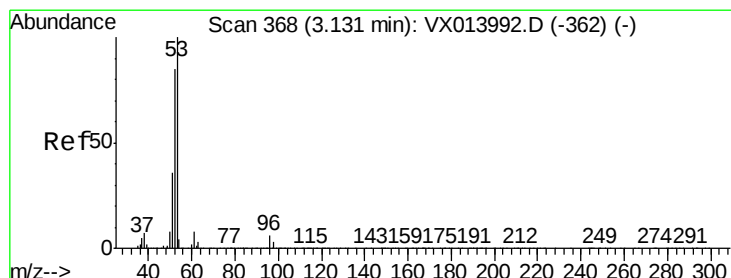
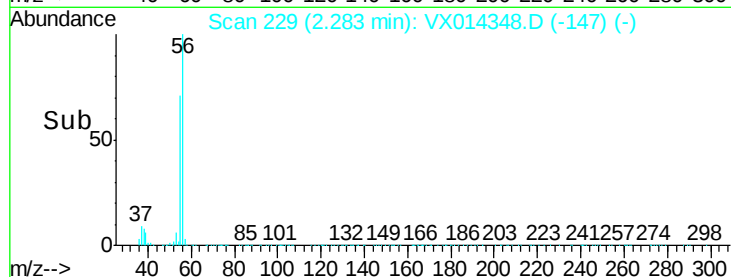
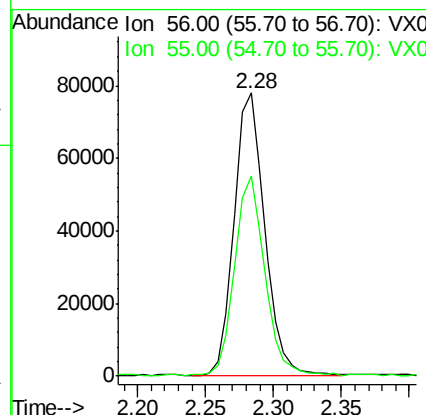
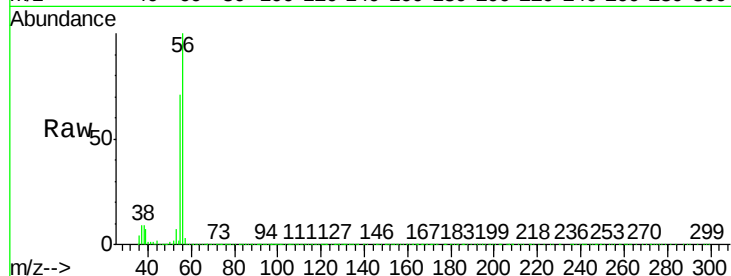
#13
Acrolein
Concen: 141.424 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	54.9	82.3

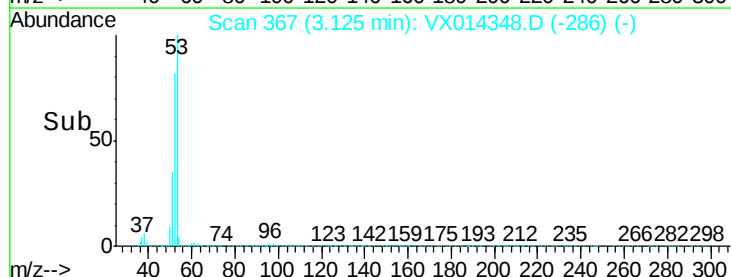
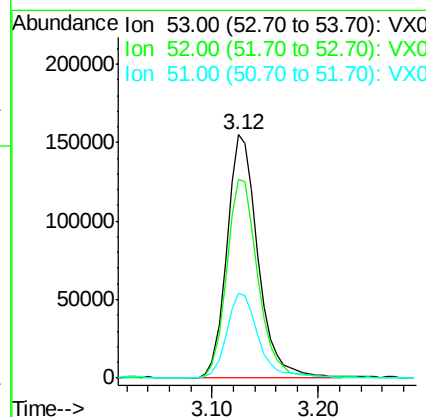
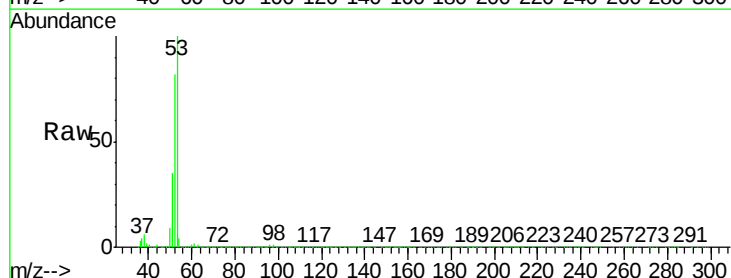
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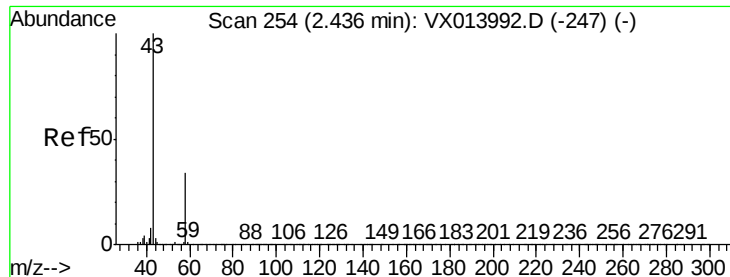
apatel
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#14
Acrylonitrile
Concen: 113.190 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.5	41.5	124.6
51	35.6	17.8	53.5





#15

Acetone

Concen: 109.227 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 58 Resp: 89211

Ion Ratio Lower Upper

58 100

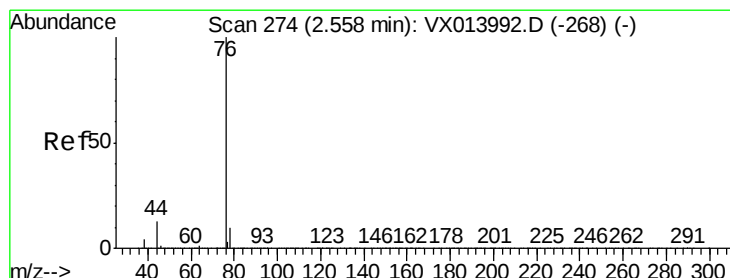
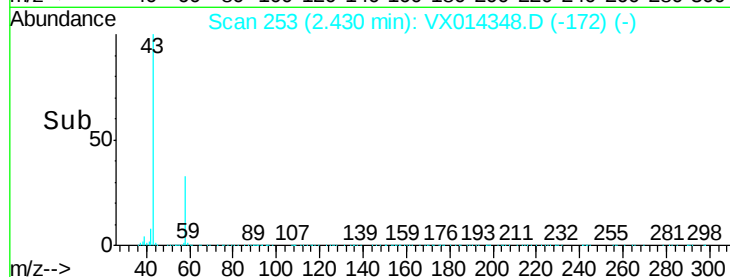
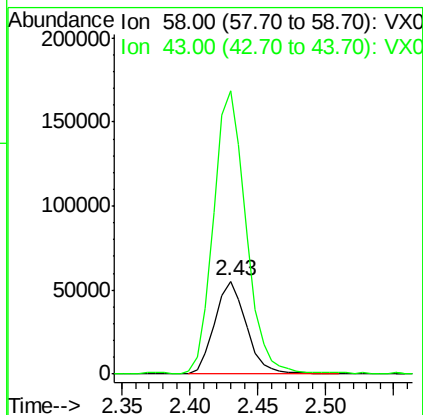
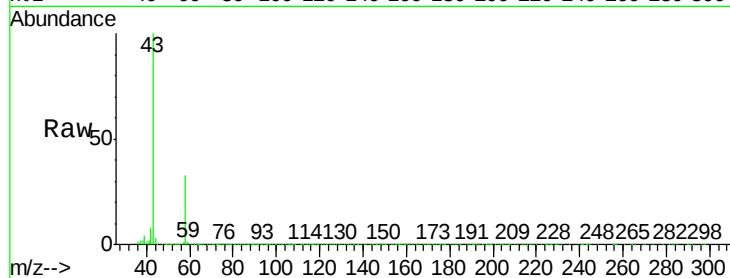
43 304.3 236.3 354.5

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#16

Carbon Disulfide

Concen: 20.392 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014348.D

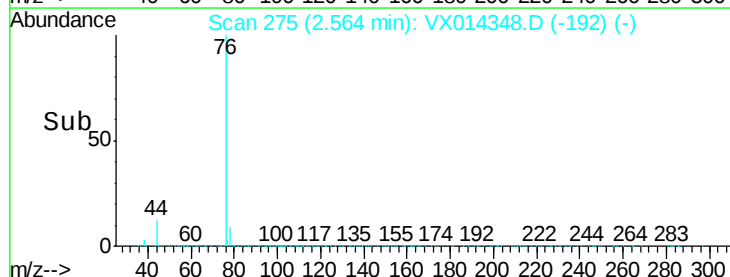
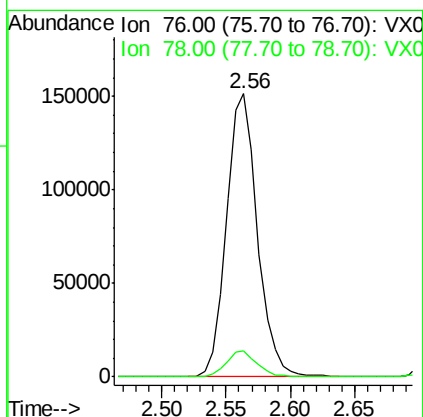
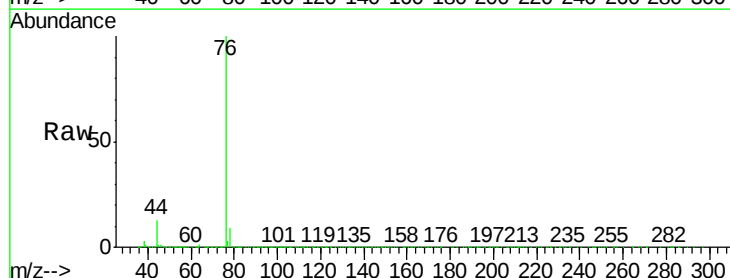
Acq: 30 Dec 2019 12:40

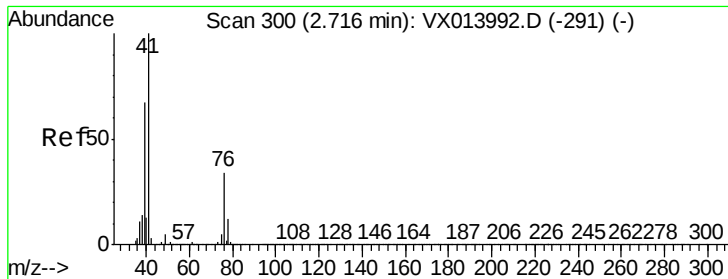
Tgt Ion: 76 Resp: 253785

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8





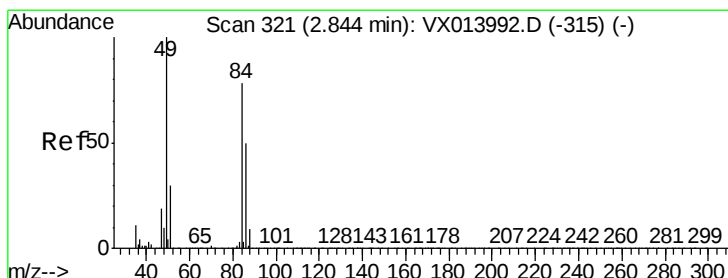
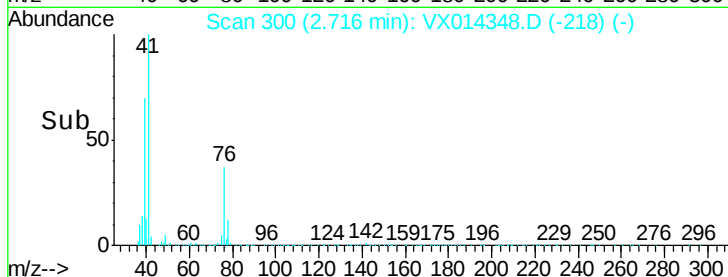
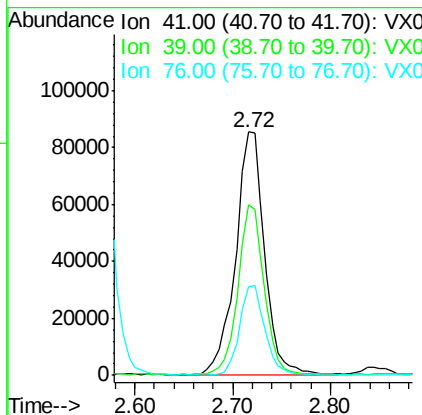
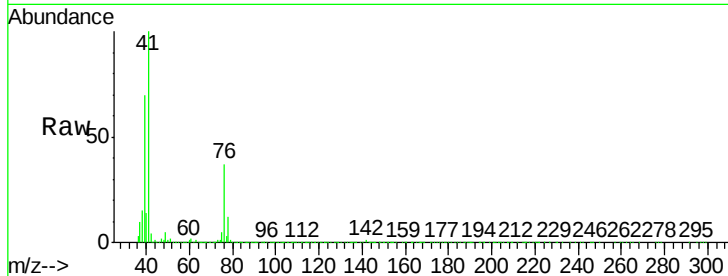
#17
Allvl chloride
Concen: 21.248 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion:	41	Resp:	175406
Ion	Ratio	Lower	Upper
41	100		
39	69.9	33.4	100.2
76	36.4	17.0	50.9

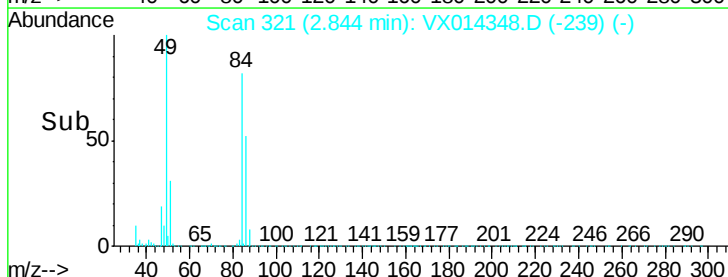
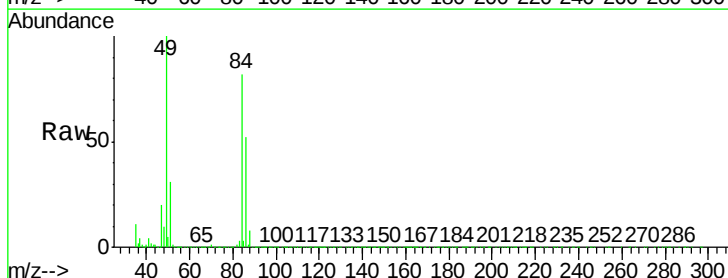
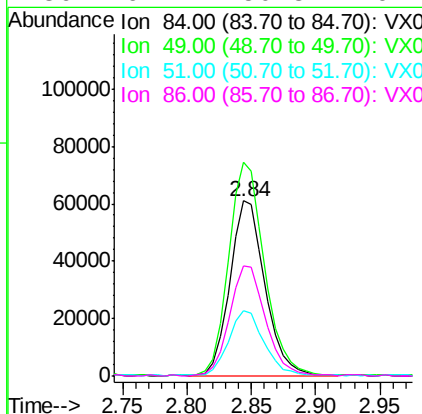
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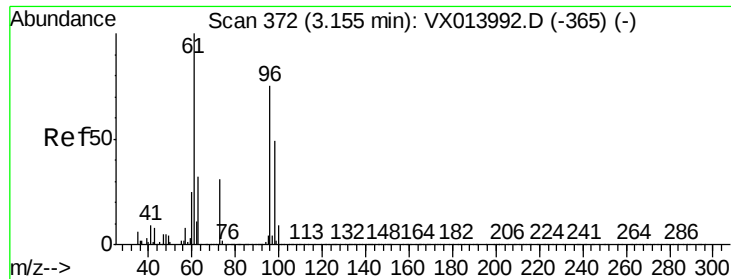
apatel
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#18
Methylene Chloride
Concen: 20.588 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion:	84	Resp:	115892
Ion	Ratio	Lower	Upper
84	100		
49	121.8	102.2	153.2
51	37.0	31.4	47.0
86	62.7	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.305 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

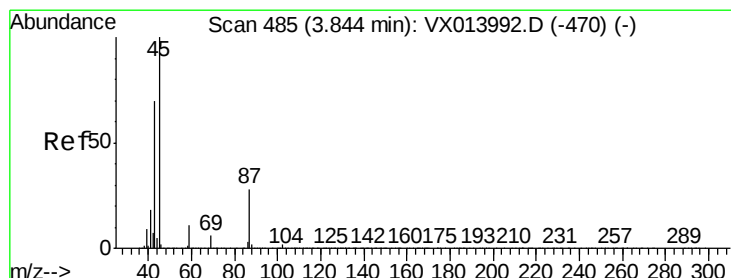
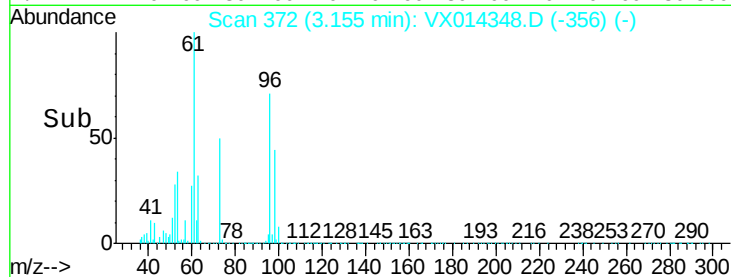
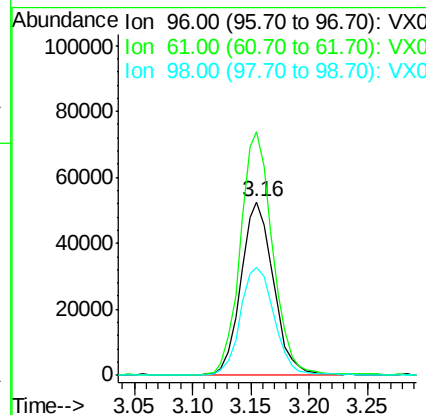
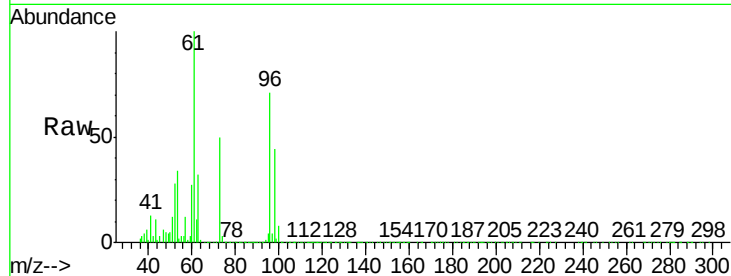
ClientSampleId :

VX1230WBSD01

Tot Ion:	96	Resp:	102150
Ion Ratio	Lower	Upper	
96	100		
61	140.5	106.6	159.8
98	61.8	51.6	77.4

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#20

Diisopropyl ether

Concen: 21.432 ug/l

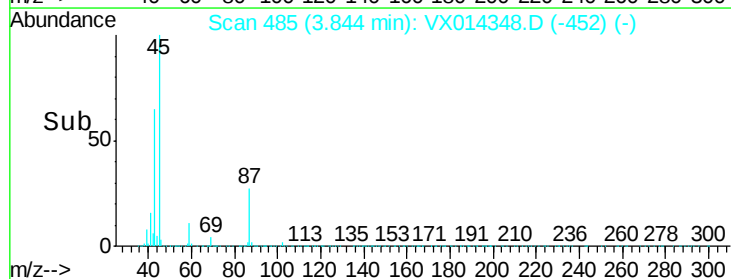
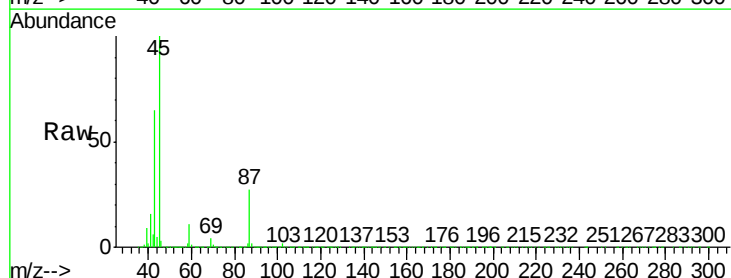
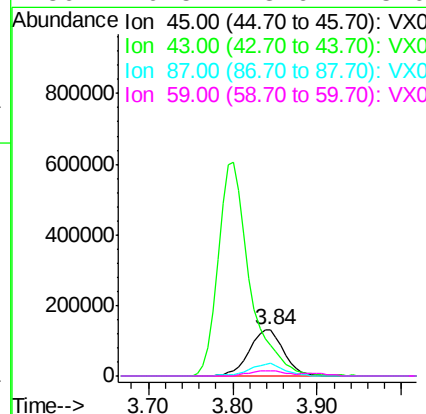
RT: 3.84 min Scan# 485

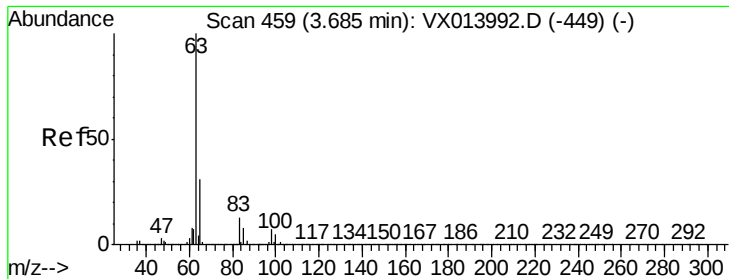
Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	45	Resp:	363043
Ion Ratio	Lower	Upper	
45	100		
43	63.4	55.9	83.9
87	26.6	22.2	33.2
59	10.5	8.6	13.0





#21

1,1-Dichloroethane

Concen: 20.609 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

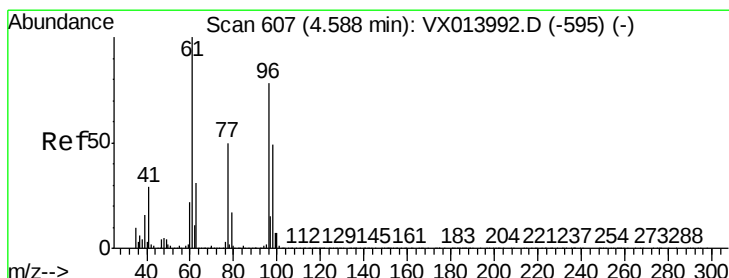
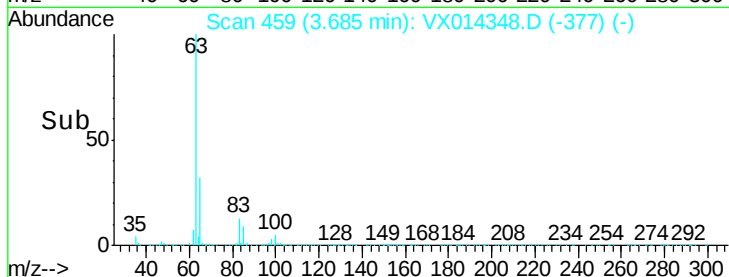
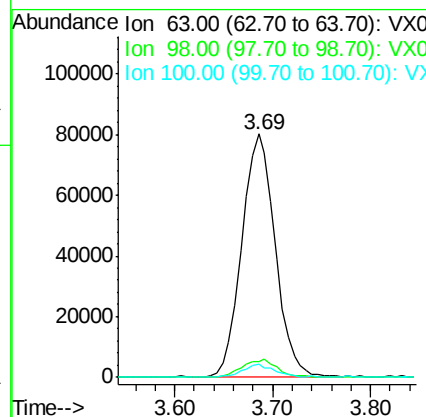
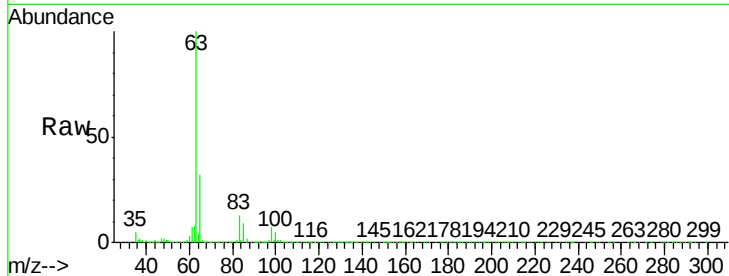
ClientSampleId :

VX1230WBSD01

Tot Ion:	63	Resp:	189464
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.4	10.1
100	5.1	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 20.355 ug/l

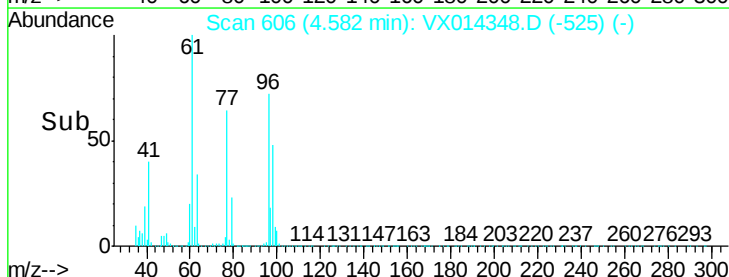
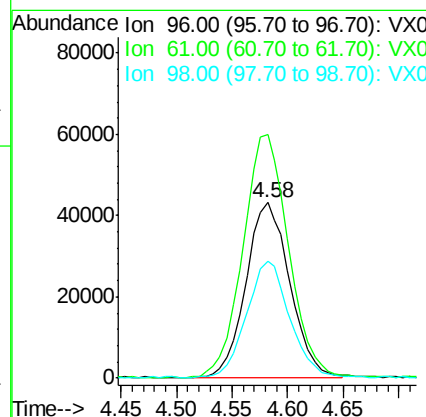
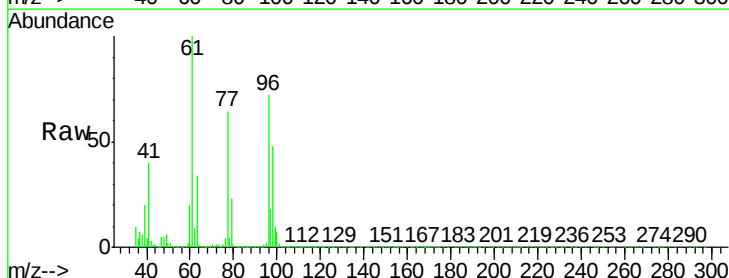
RT: 4.58 min Scan# 606

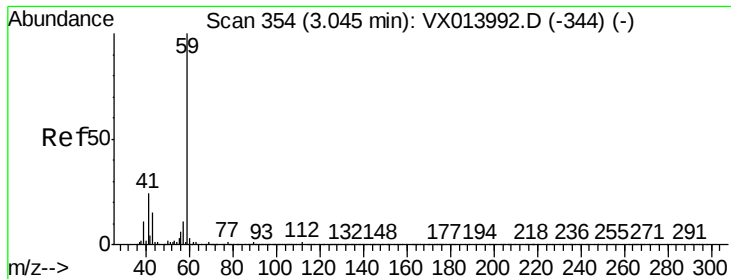
Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	96	Resp:	118708
Ion Ratio	Lower	Upper	
96	100		
61	144.2	112.4	168.6
98	65.8	50.3	75.5





#23

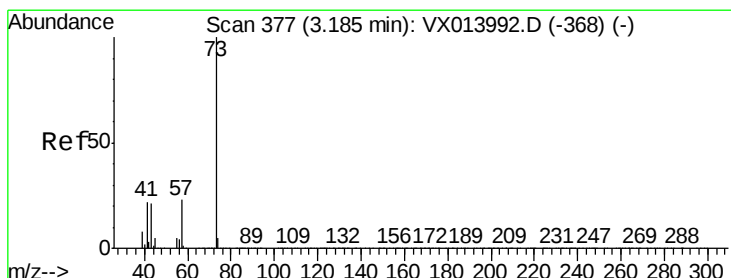
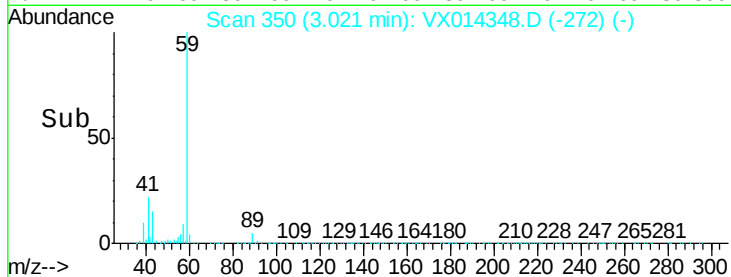
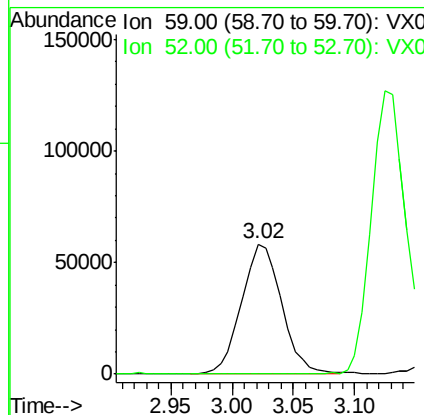
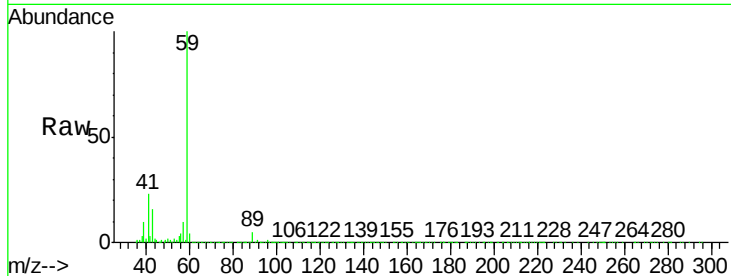
tert-Butyl Alcohol
 Concen: 122.199 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

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

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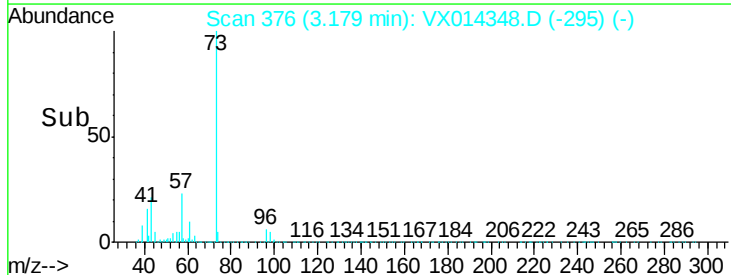
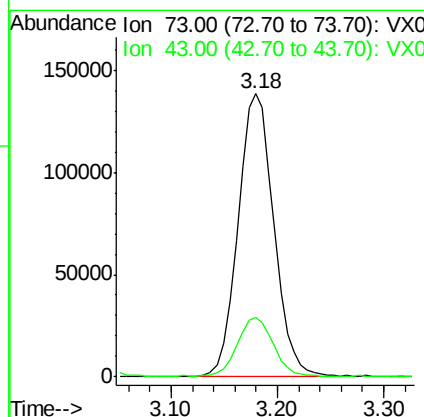
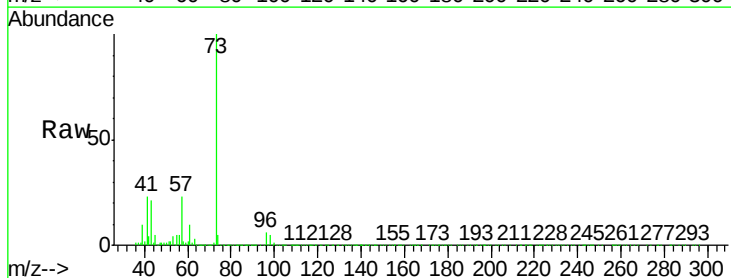
apatel
 12/31/2019 9:32:35 AM

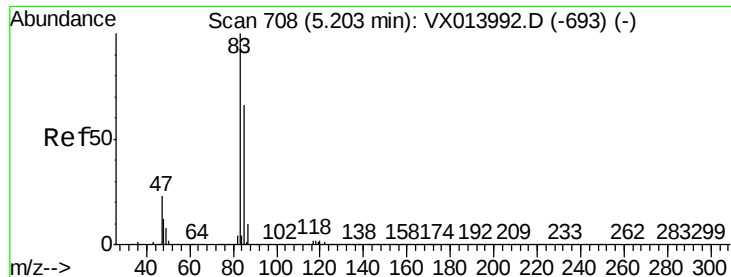


#24

Methyl tert-Butyl Ether
 Concen: 20.947 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	16.6	25.0





#25

Chloroform

Concen: 20.908 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 83 Resp: 183250

Ion Ratio Lower Upper

83 100

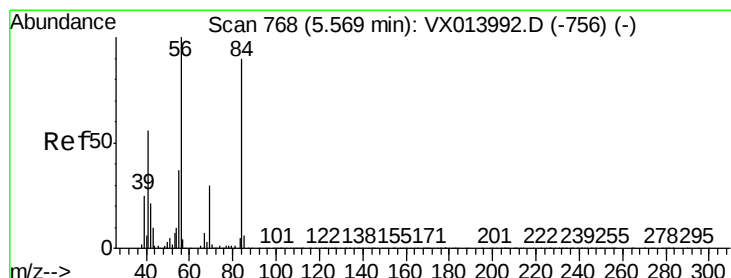
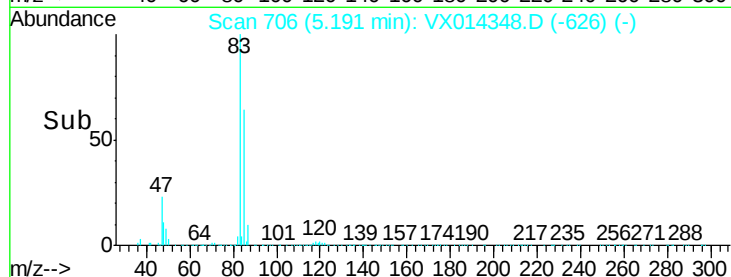
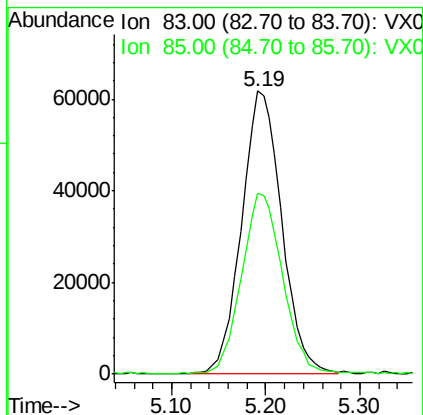
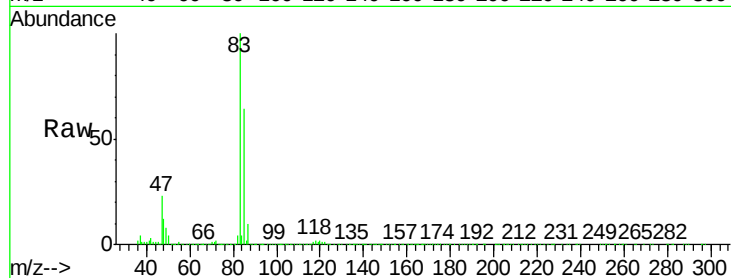
85 63.9 52.7 79.1

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#26

Cyclohexane

Concen: 21.384 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

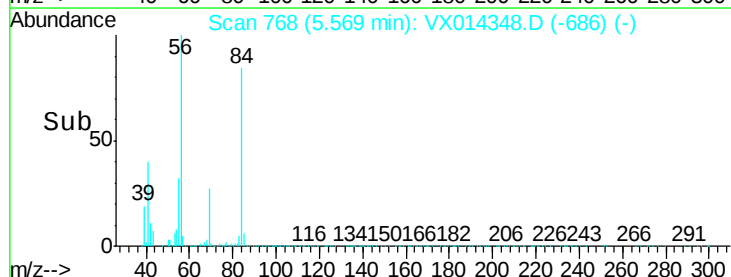
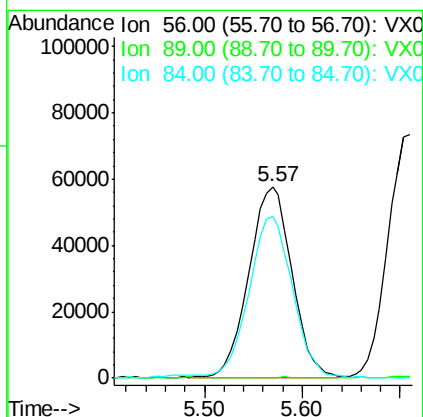
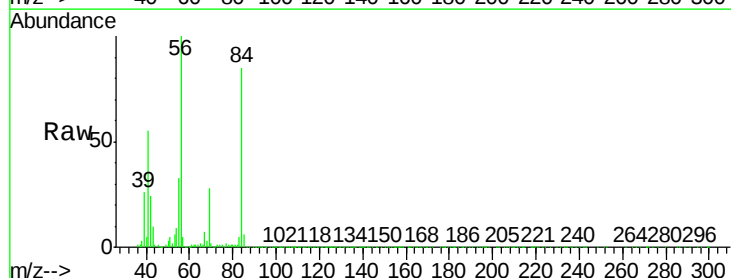
Tgt Ion: 56 Resp: 175301

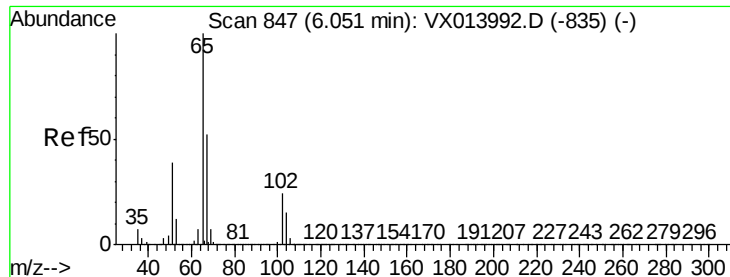
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 85.4 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.624 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 65 Resp: 174053

Ion Ratio Lower Upper

65 100

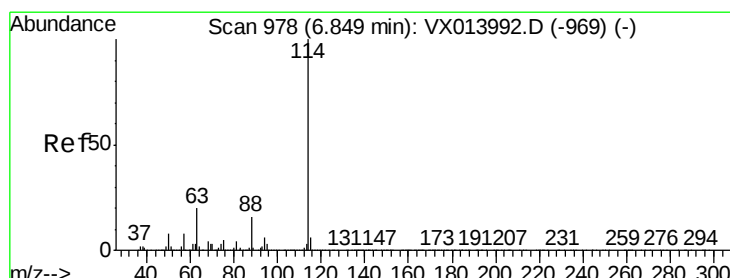
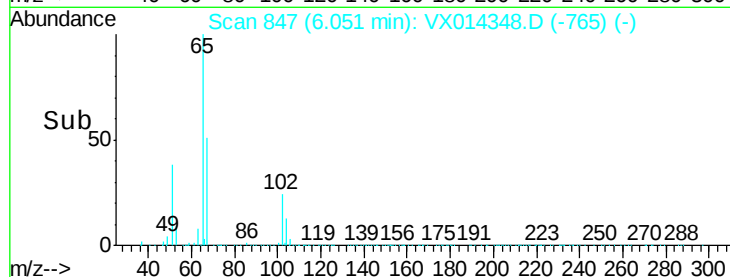
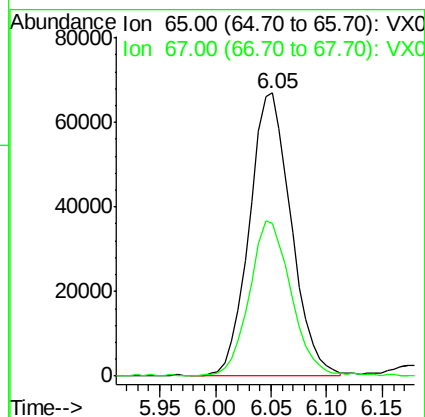
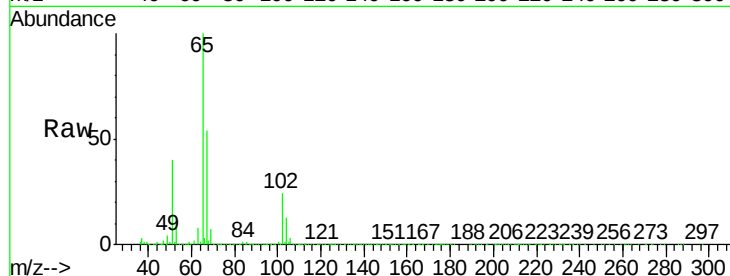
67 54.7 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

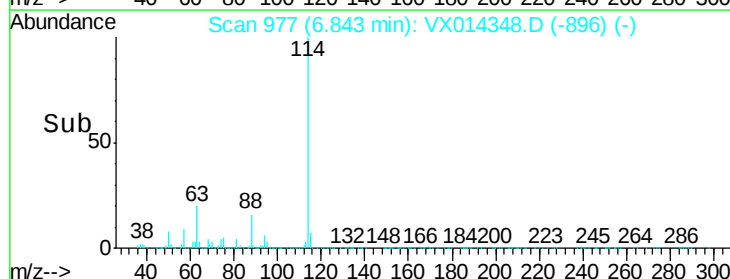
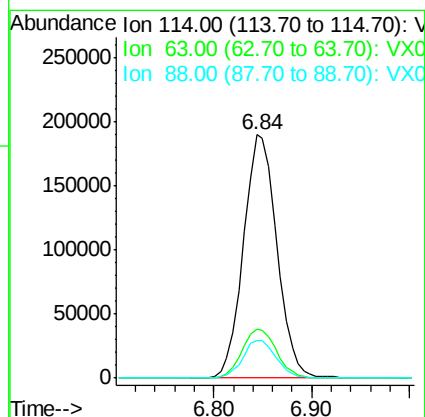
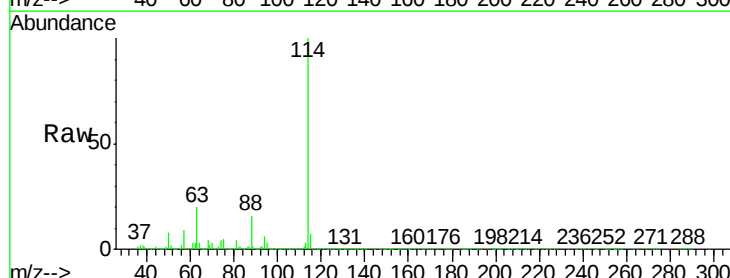
Tgt Ion: 114 Resp: 449329

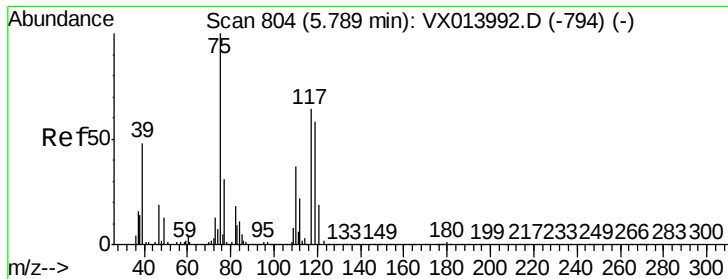
Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

88 15.4 12.5 18.7





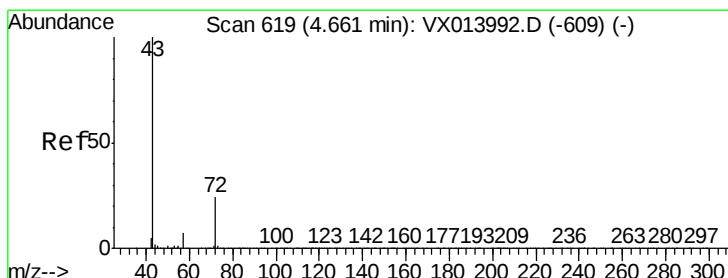
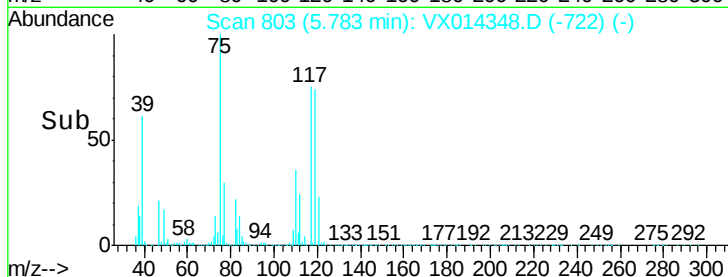
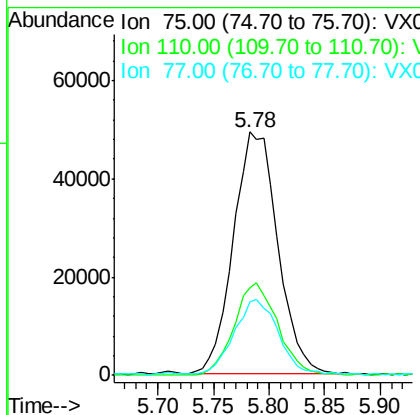
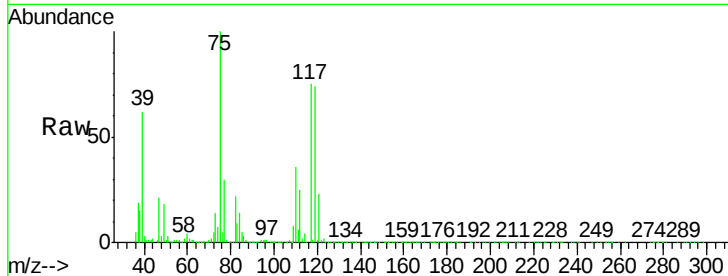
#29
 1,1-Dichloropropene
 Concen: 20.974 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.0	0.0	73.8
77	30.6	0.0	62.4

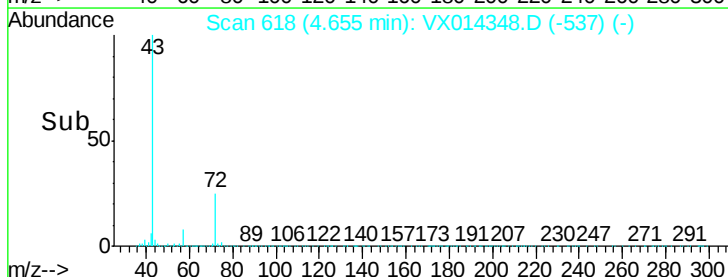
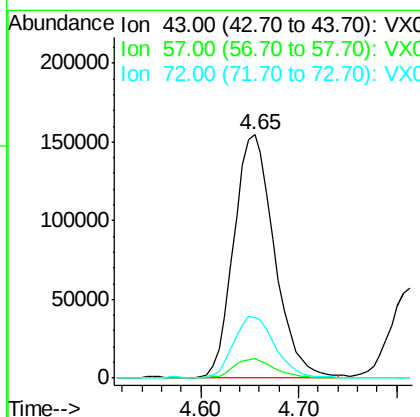
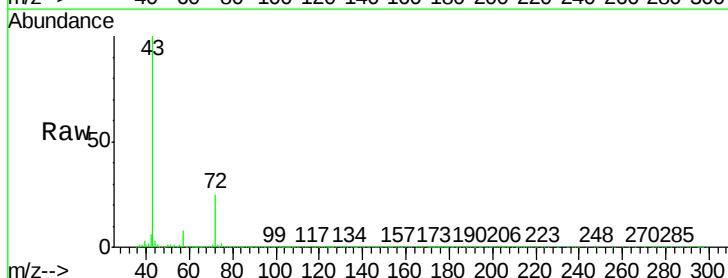
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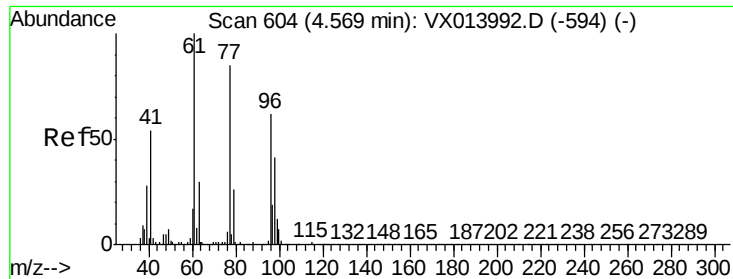
apatel
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#30
 2-Butanone
 Concen: 115.207 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.0	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 23.906 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 77 Resp: 143523

Ion Ratio Lower Upper

77 100

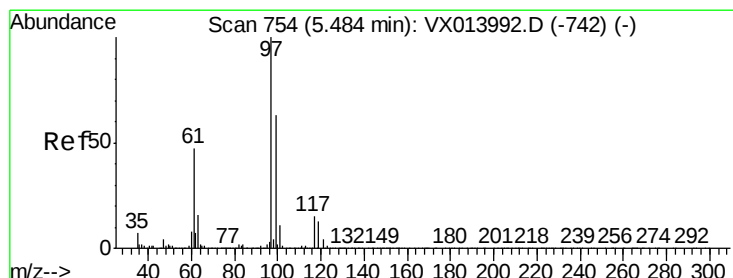
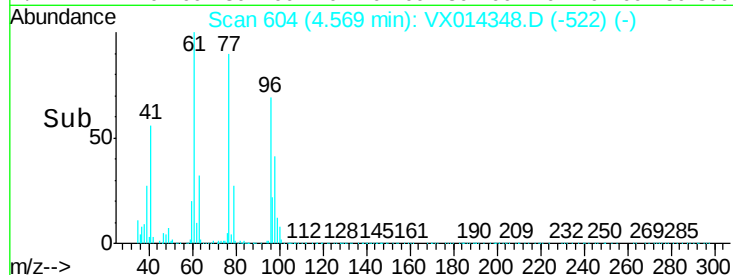
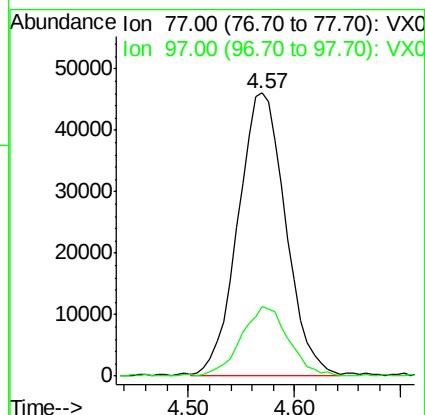
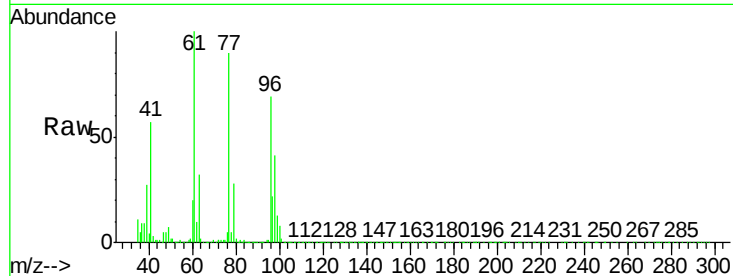
97 24.0 19.7 29.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.453 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

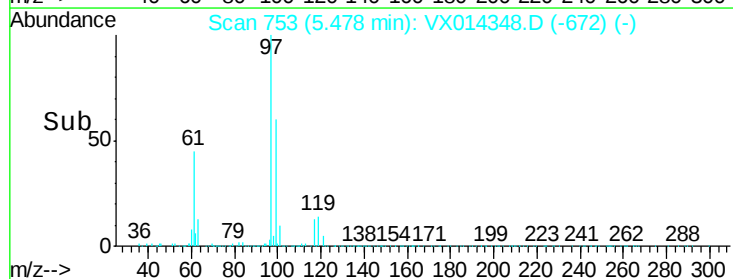
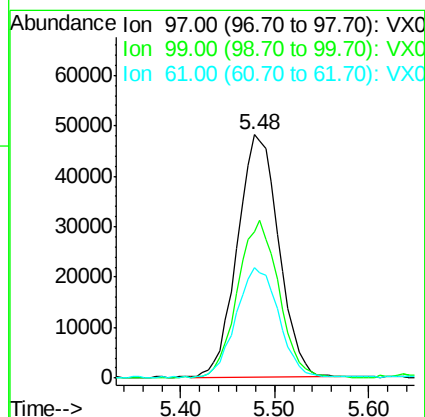
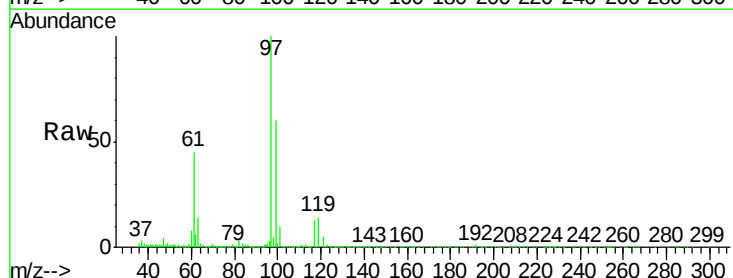
Tgt Ion: 97 Resp: 146828

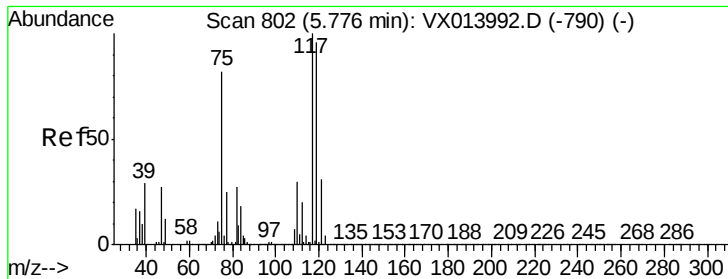
Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 47.2 36.8 55.2





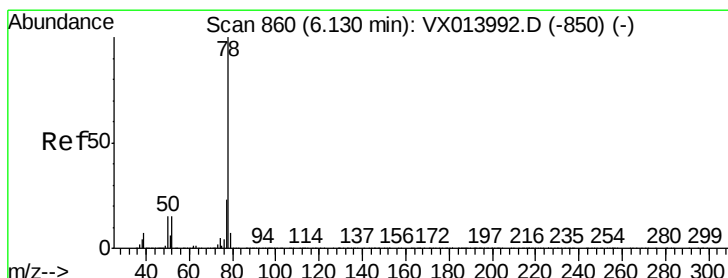
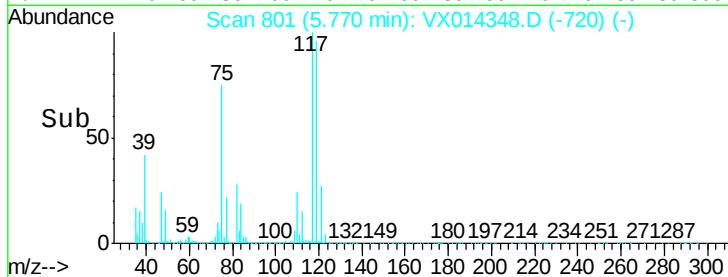
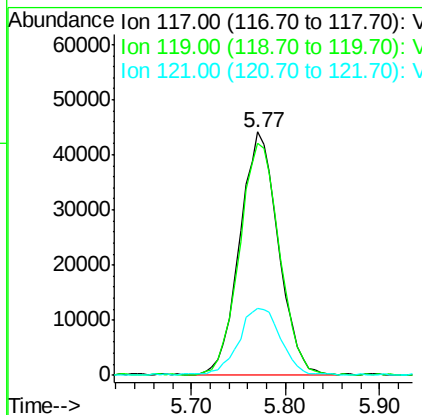
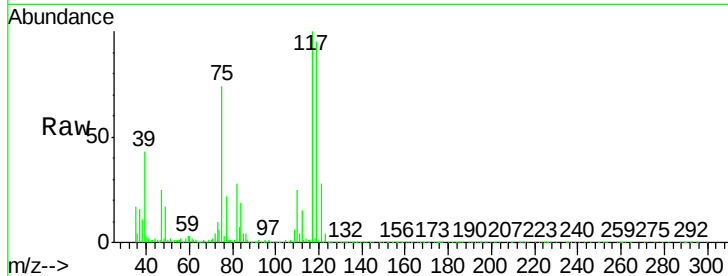
#33
Carbon Tetrachloride
Concen: 20.734 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.2	115.8
121	27.3	24.8	37.2

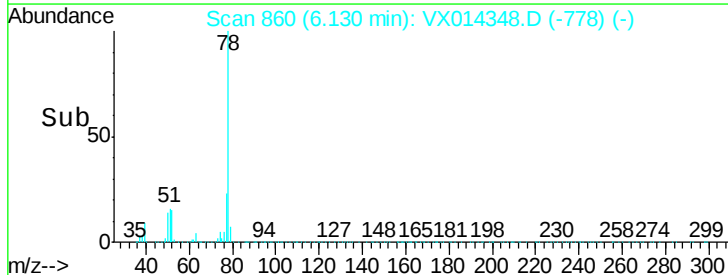
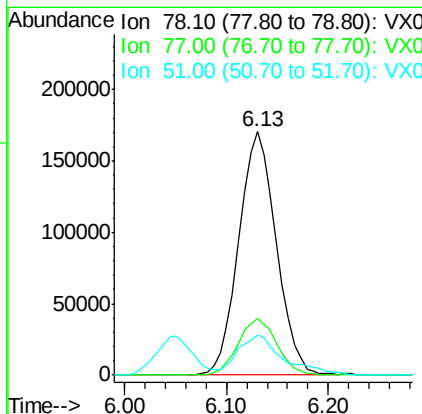
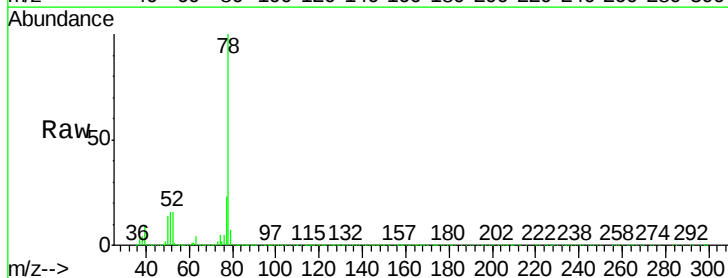
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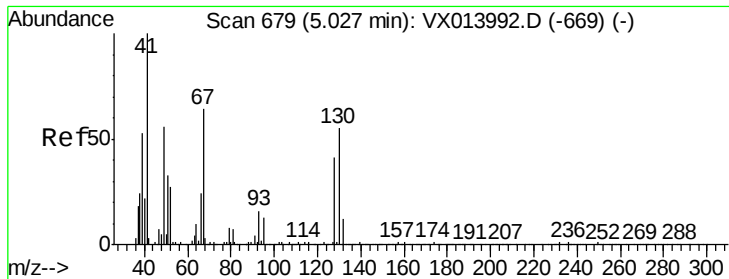
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#34
Benzene
Concen: 21.528 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2
51	15.2	12.4	18.6





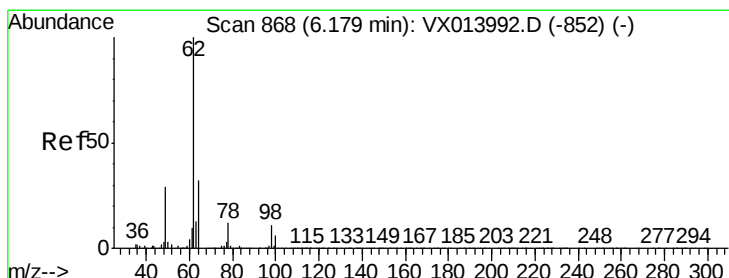
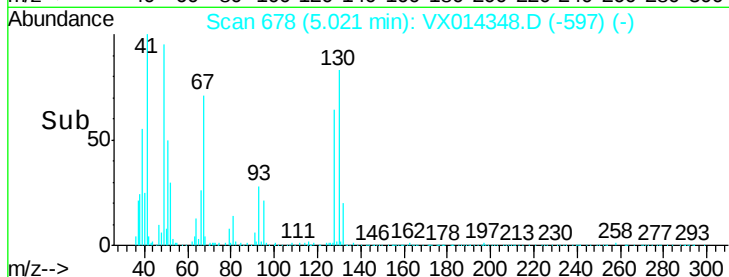
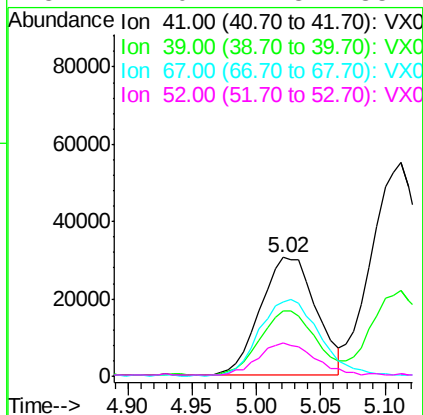
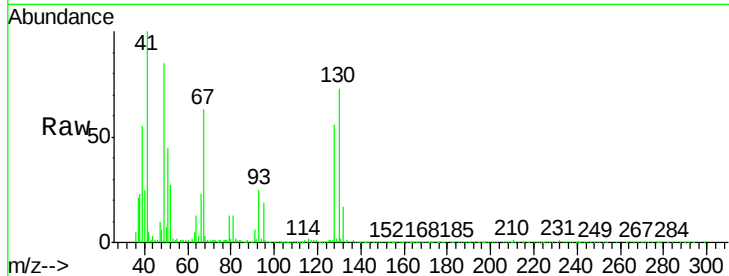
#35
Methacrylonitrile
Concen: 22.437 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	26.7	80.1	
67	62.9	31.5	94.5	
52	27.0	12.8	38.4	

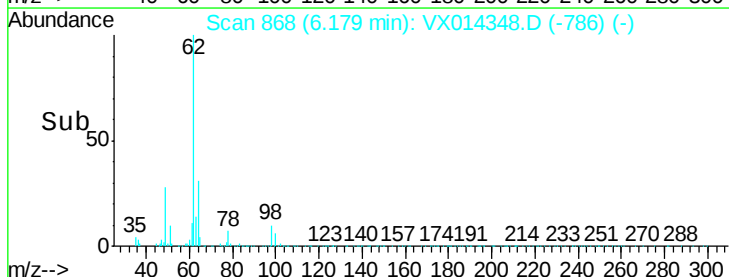
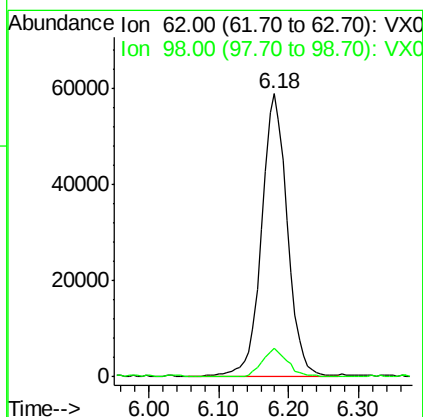
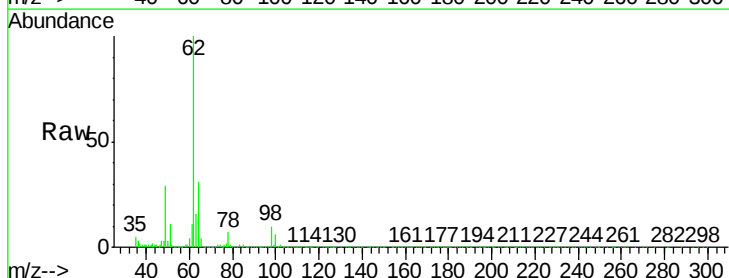
Manual Integrations
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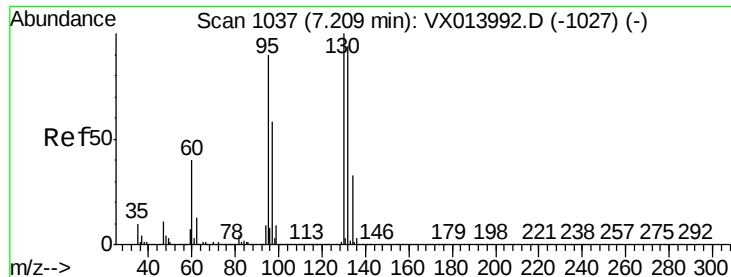
apatel
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#36
1,2-Dichloroethane
Concen: 21.737 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	8.4	12.6	





#37

Trichloroethene

Concen: 20.775 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion:130 Resp: 114402

Ion Ratio Lower Upper

130 100

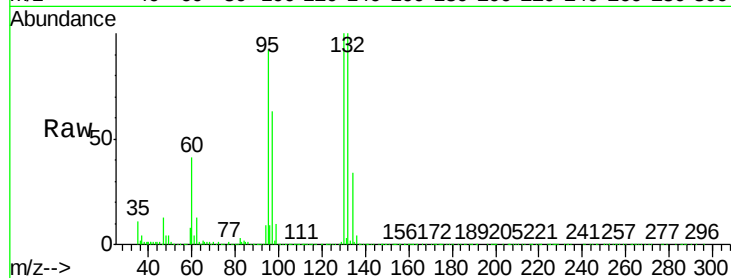
95 91.7 71.7 107.5

Manual Integrations

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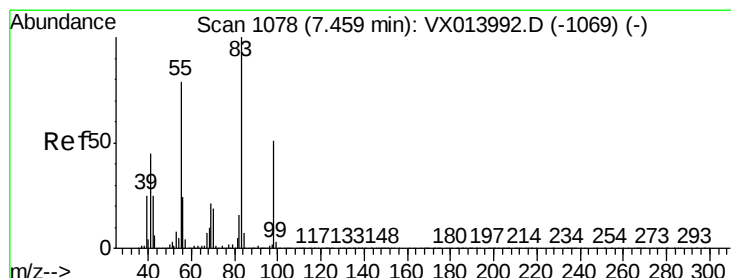
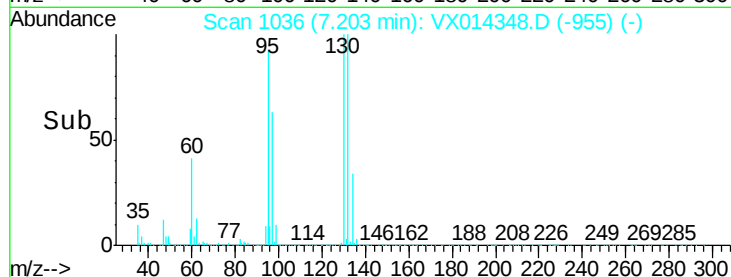
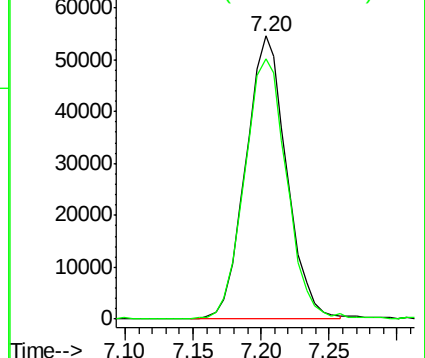
apatel

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 22.415 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

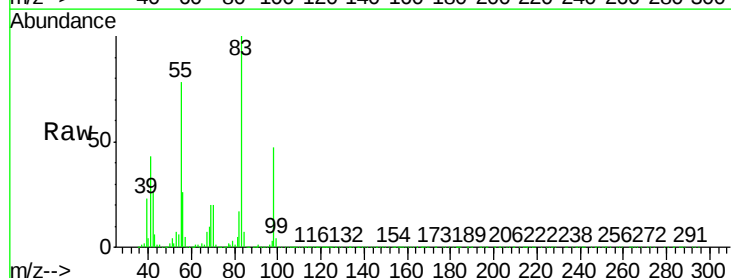
Tgt Ion: 83 Resp: 173535

Ion Ratio Lower Upper

83 100

55 78.9 39.4 118.1

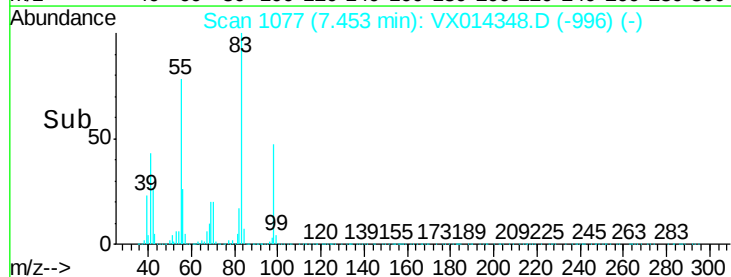
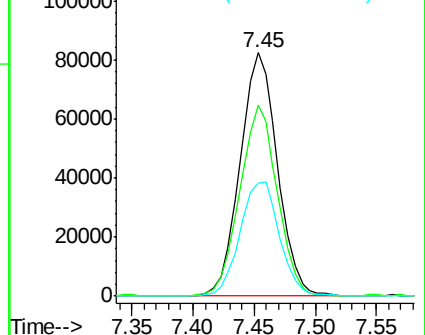
98 49.8 25.1 75.3

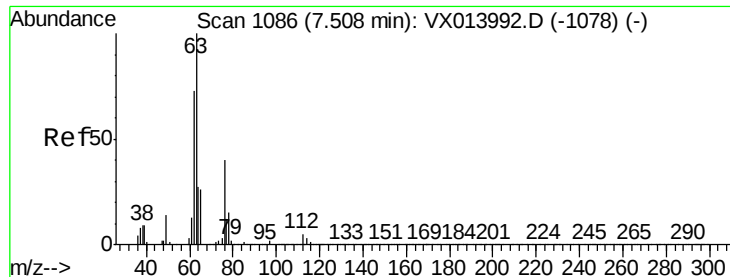


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





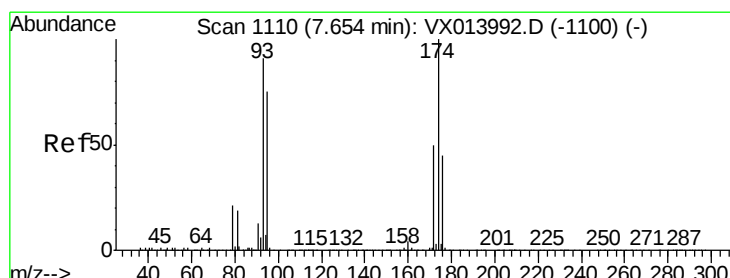
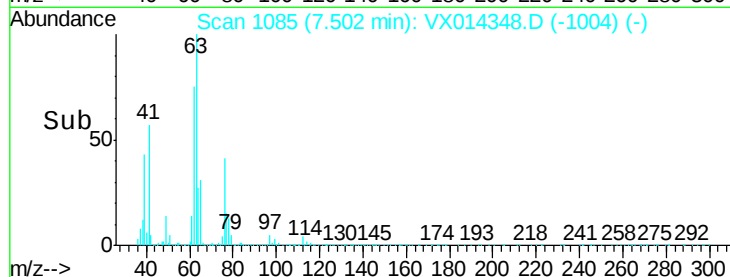
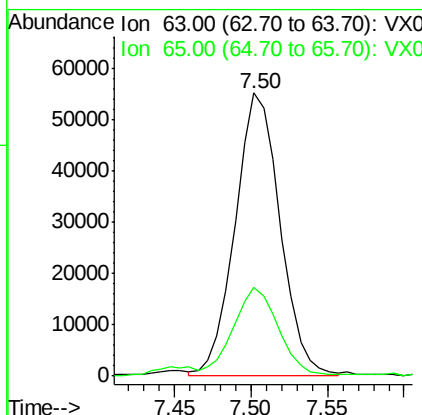
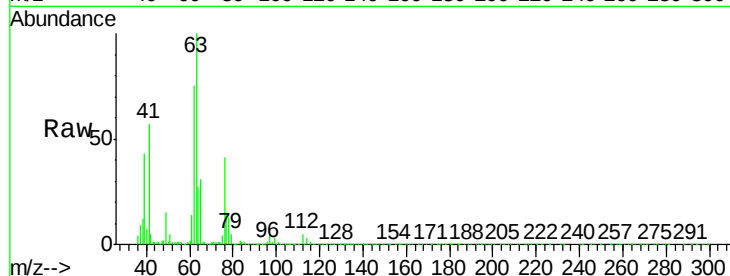
#39
 1,2-Dichloropropane
 Concen: 21.326 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.1	33.1

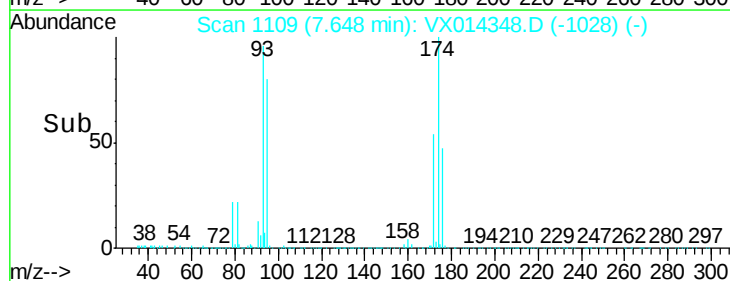
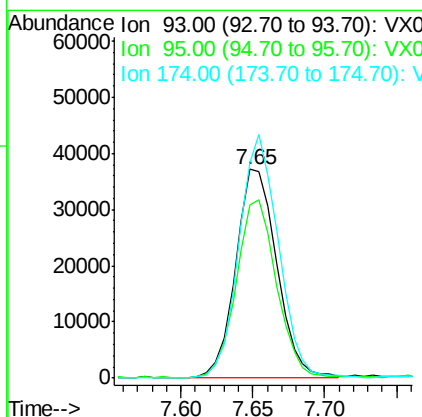
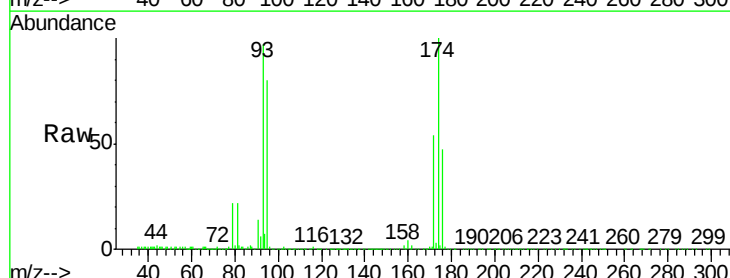
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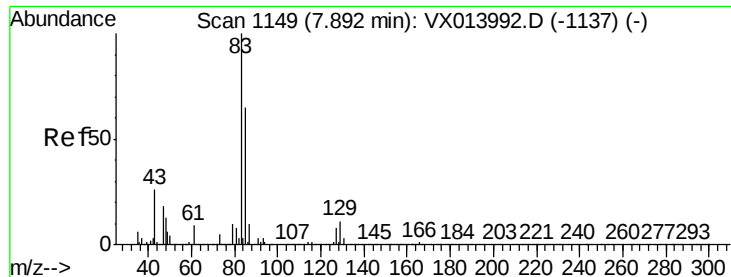
apatel
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#40
 Dibromomethane
 Concen: 21.850 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	164.4
174	112.4	0.0	228.8





#41

Bromodichloromethane

Concen: 21.465 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

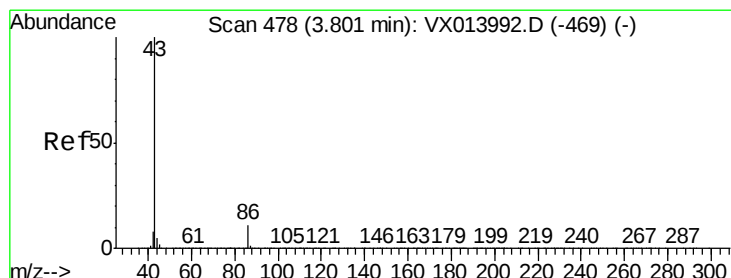
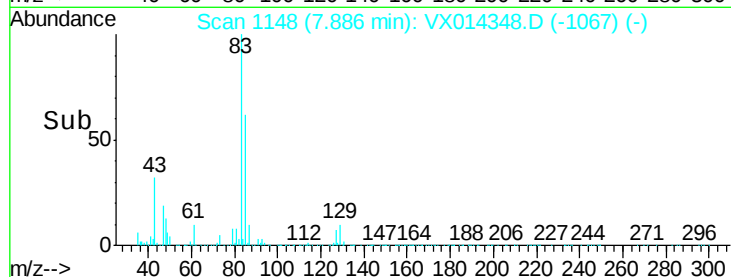
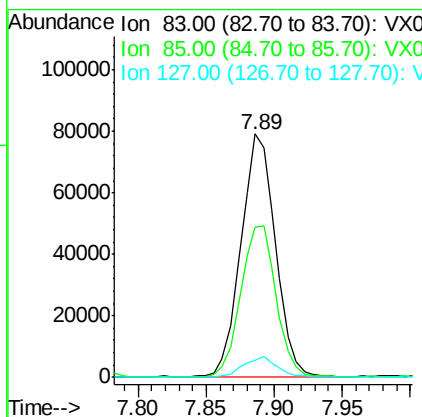
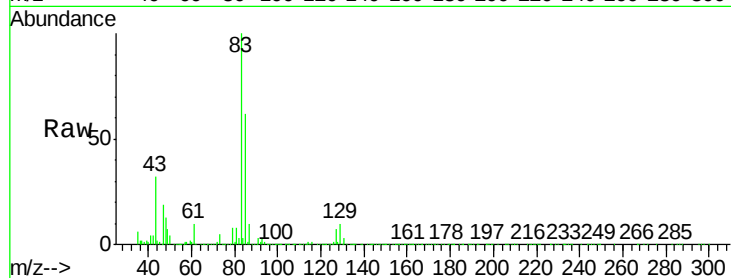
ClientSampleId :

VX1230WBSD01

Tot Ion:	83	Resp:	139558
Ion Ratio	Lower	Upper	
83	100		
85	61.7	51.6	77.4
127	6.8	6.0	9.0

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#42

Vinyl Acetate

Concen: 115.665 ug/l

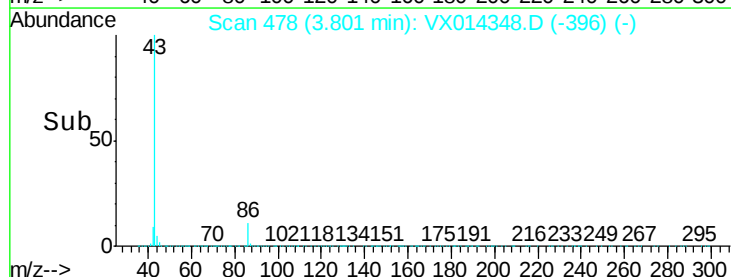
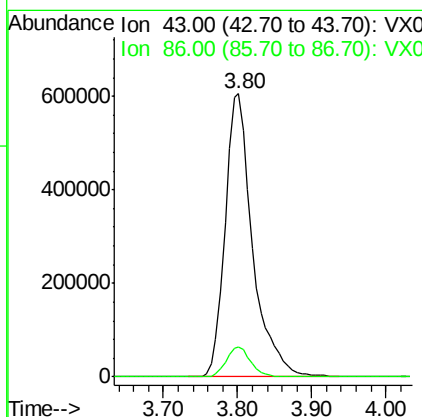
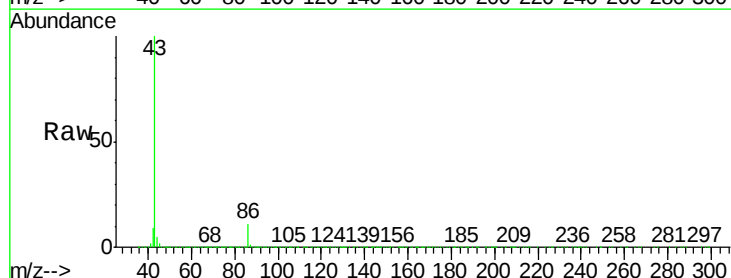
RT: 3.80 min Scan# 478

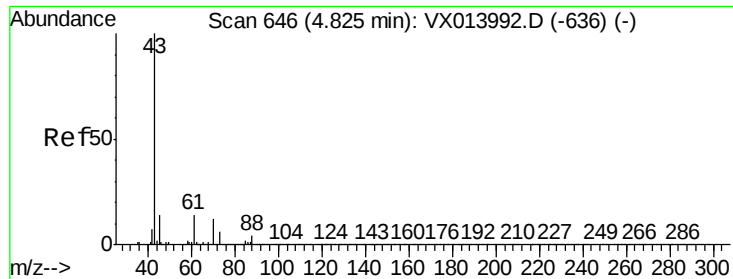
Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	43	Resp:	1562240
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.7	11.5





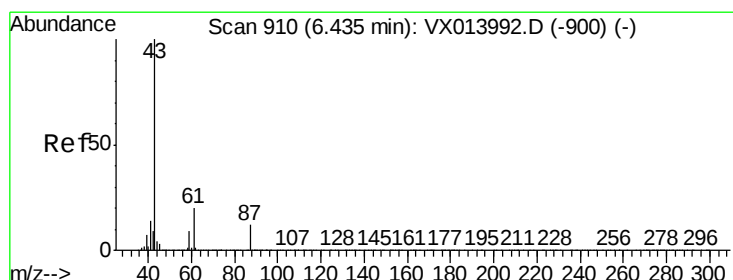
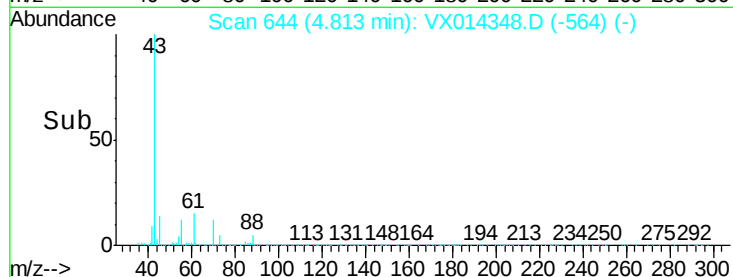
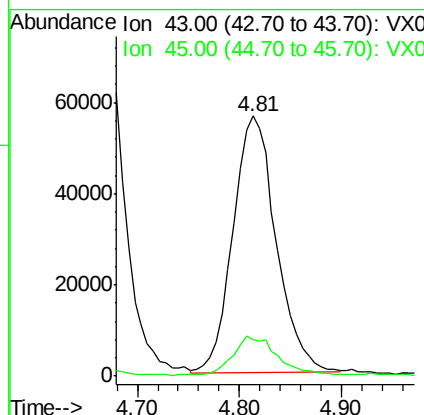
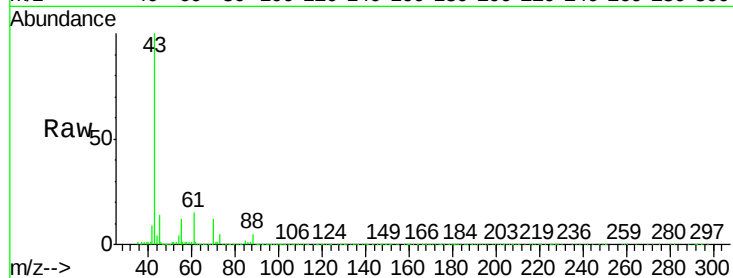
#43
Ethyl Acetate
Concen: 22.508 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion: 43 Resp: 165228
Ion Ratio Lower Upper
43 100
45 9.0 11.8 17.8#

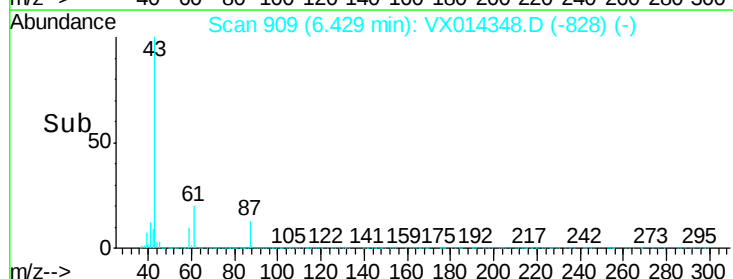
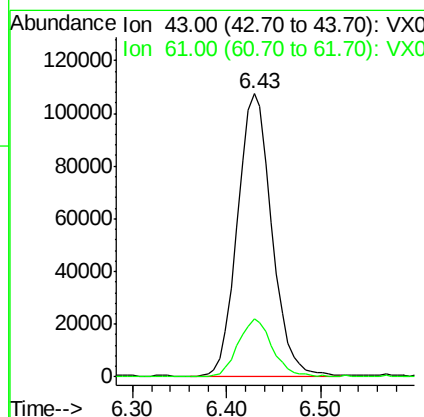
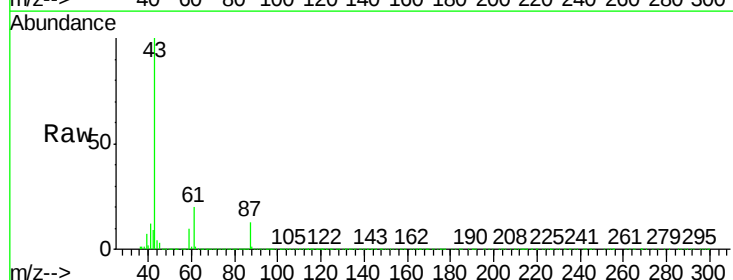
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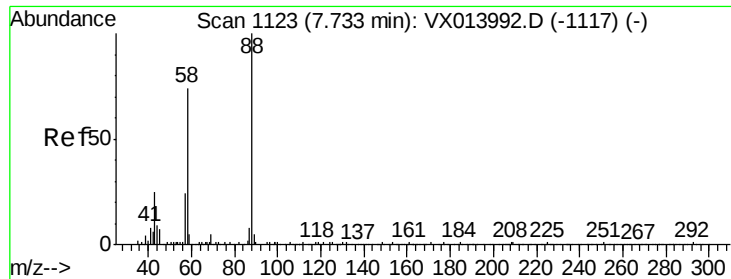
apatel
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#44
Isopropyl Acetate
Concen: 22.134 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion: 43 Resp: 272128
Ion Ratio Lower Upper
43 100
61 19.8 15.9 23.9





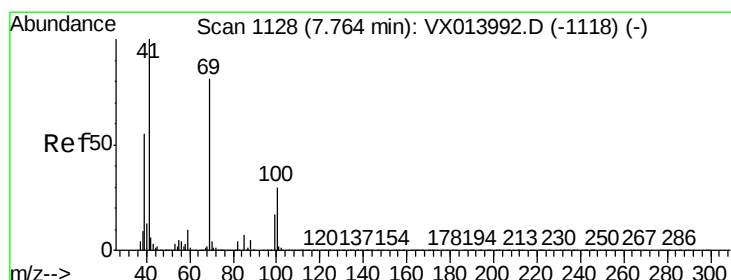
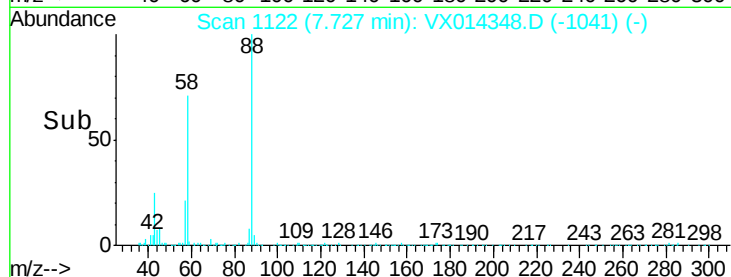
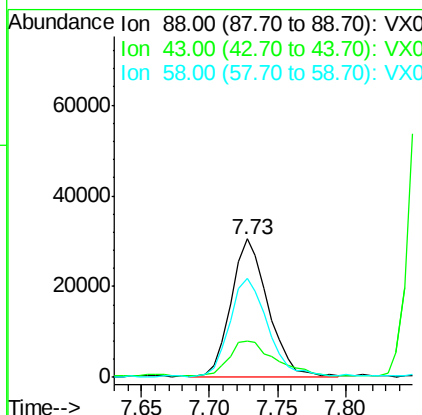
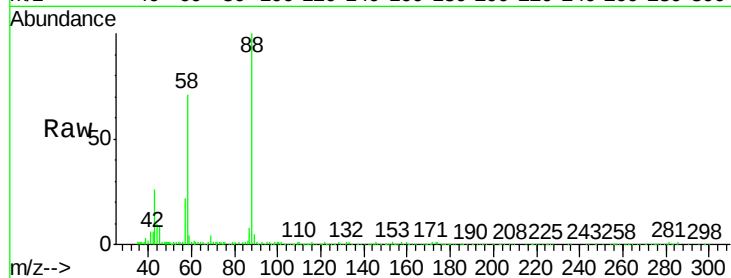
#45
1,4-Dioxane
Concen: 504.899 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.4	38.2
58	72.0	56.5	84.7

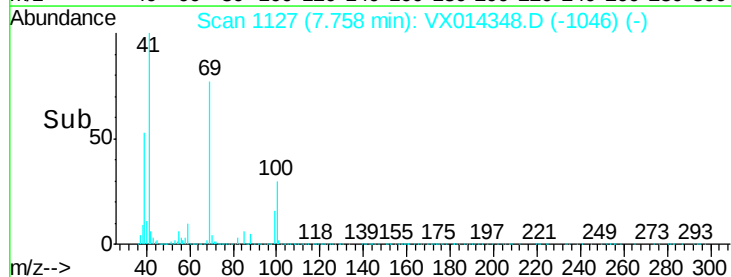
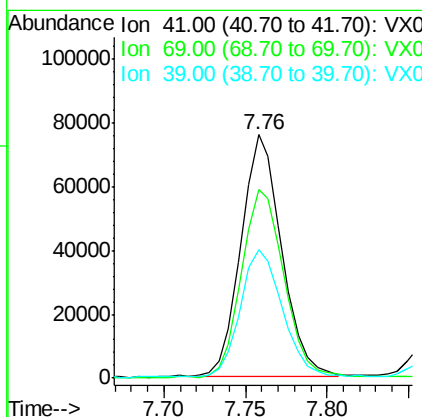
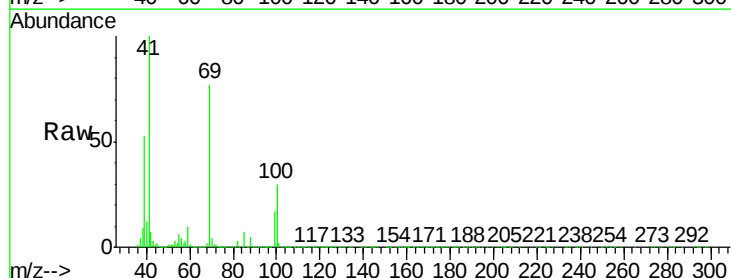
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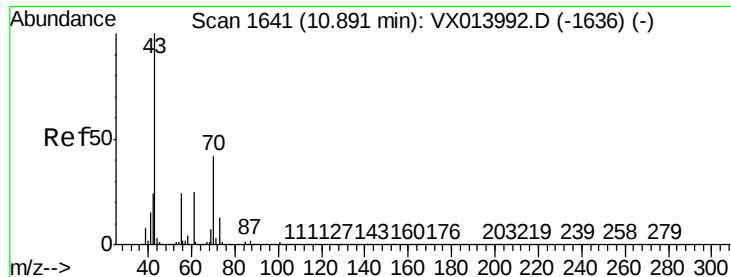
apatel
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#46
Methyl methacrylate
Concen: 22.106 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.2	40.6	122.0
39	52.7	27.8	83.3





#47

n-amvl Acetate

Concen: 20.687 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 43 Resp: 226152

Ion Ratio Lower Upper

43 100

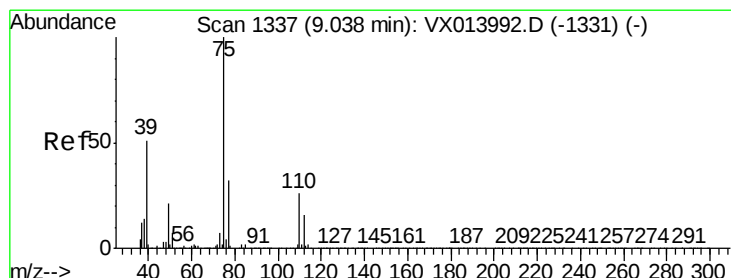
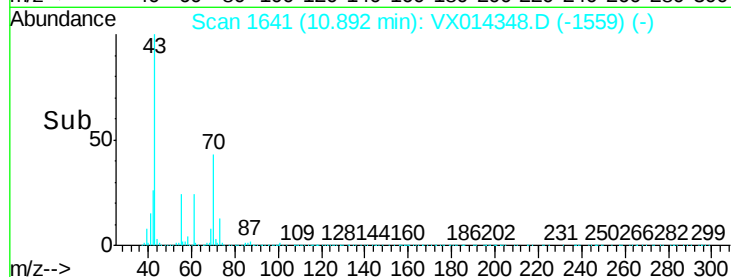
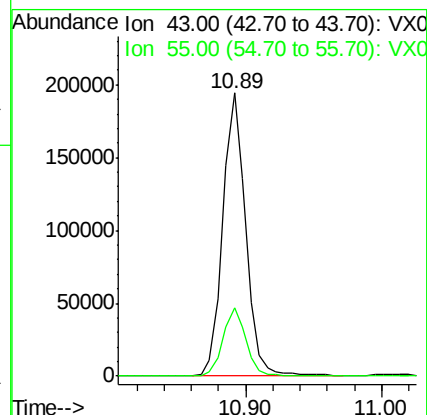
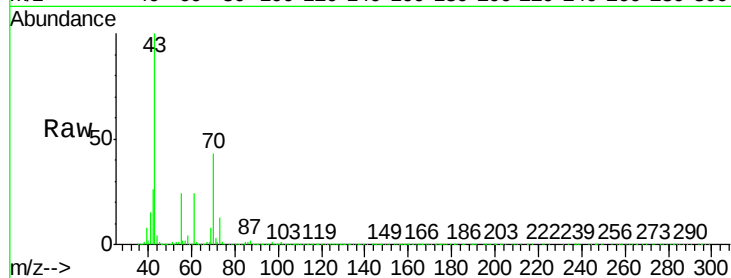
55 23.9 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 21.583 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014348.D

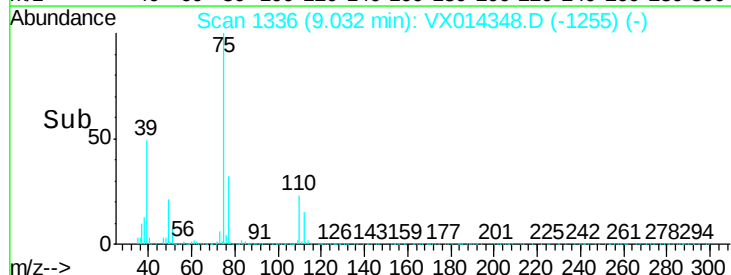
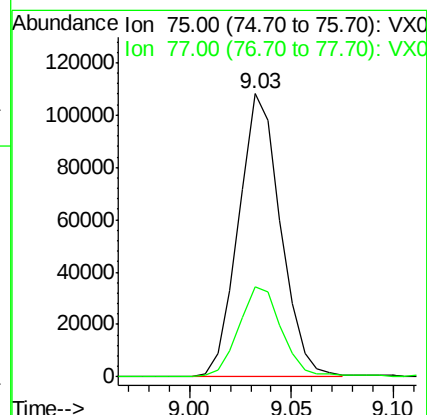
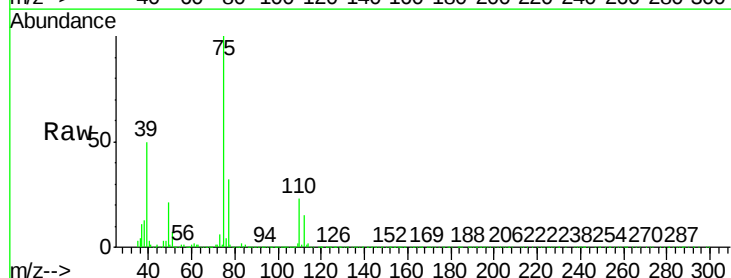
Acq: 30 Dec 2019 12:40

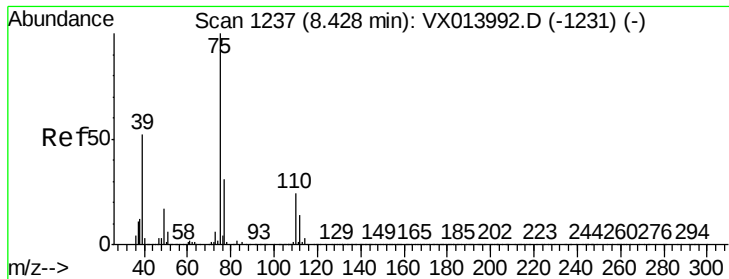
Tgt Ion: 75 Resp: 153162

Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0





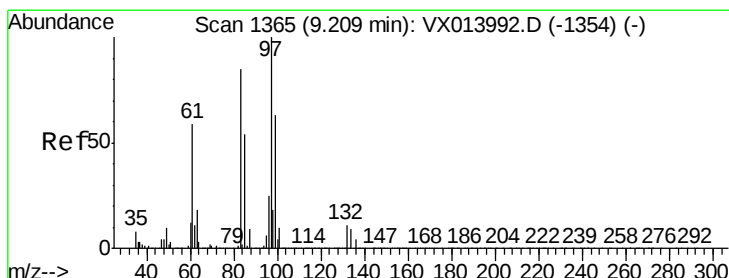
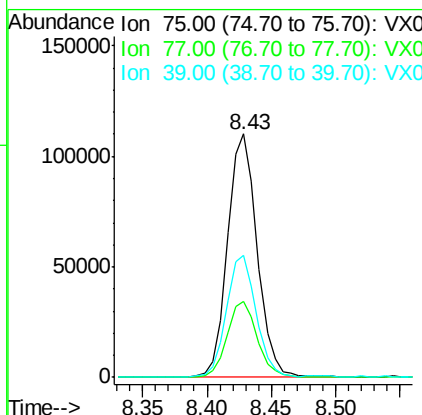
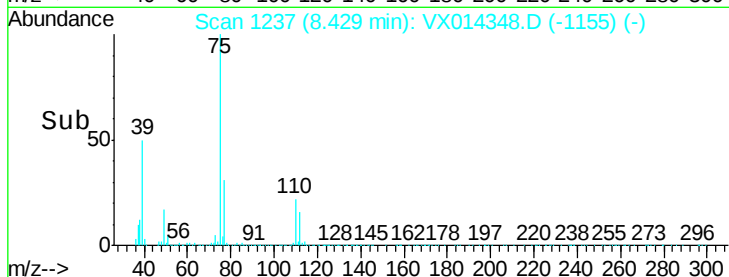
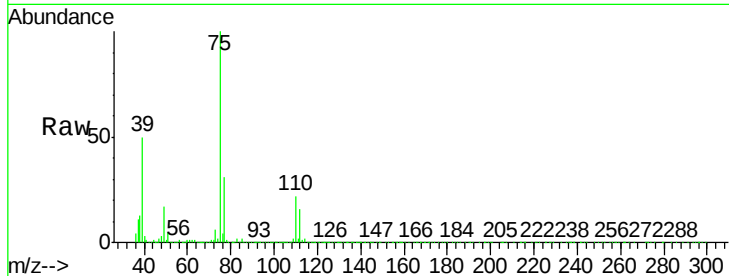
#49
 cis-1,3-Dichloropropene
 Concen: 22.281 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

Tot Ion:	75	Resp:	177816
Ion Ratio		Lower	Upper
75	100		
77	30.8	24.8	37.2
39	50.0	41.1	61.7

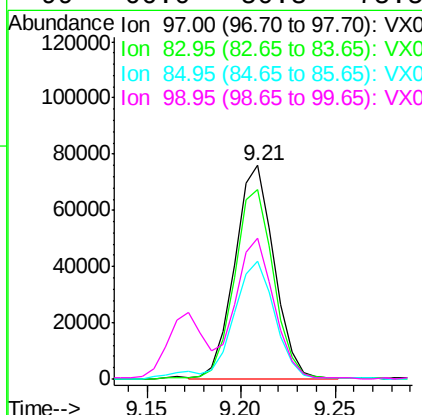
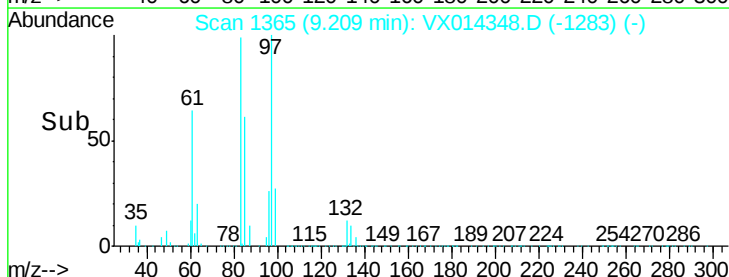
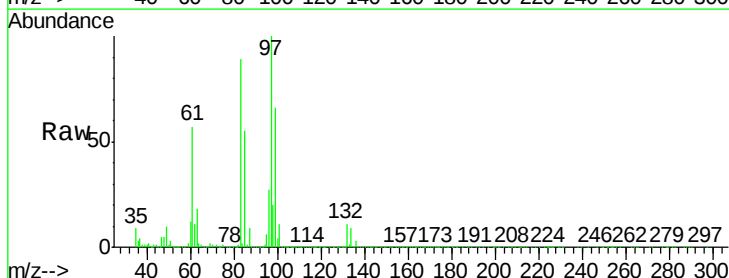
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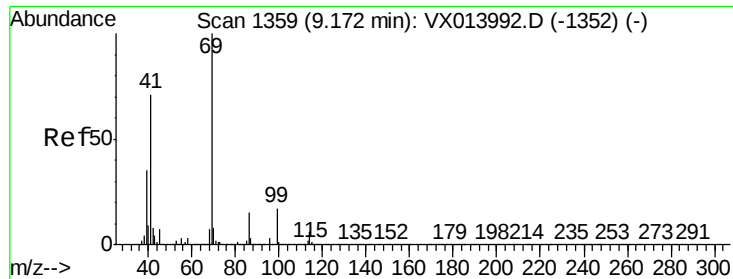
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#50
 1,1,2-Trichloroethane
 Concen: 21.299 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion:	97	Resp:	110375
Ion Ratio		Lower	Upper
97	100		
83	88.9	68.1	102.1
85	55.2	42.7	64.1
99	66.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 21.306 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

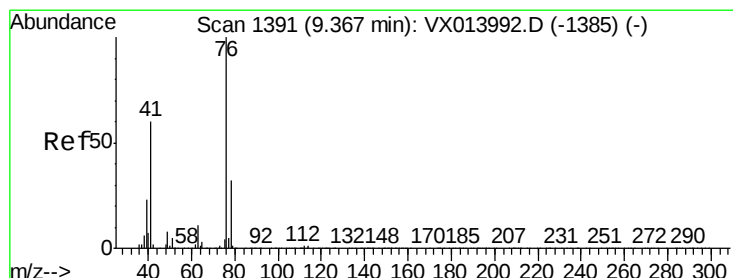
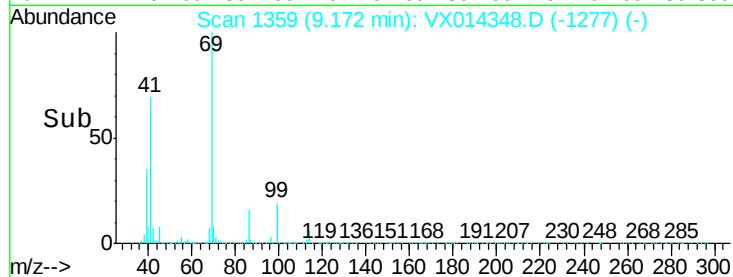
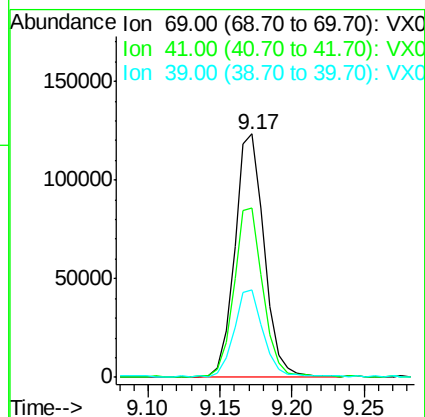
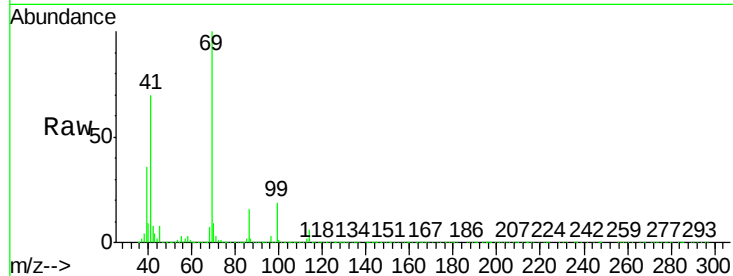
ClientSampleId :

VX1230WBSD01

Tot Ion:	69	Resp:	175626
Ion Ratio	Lower	Upper	
69	100		
41	69.4	35.4	106.1
39	35.8	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 21.749 ug/l

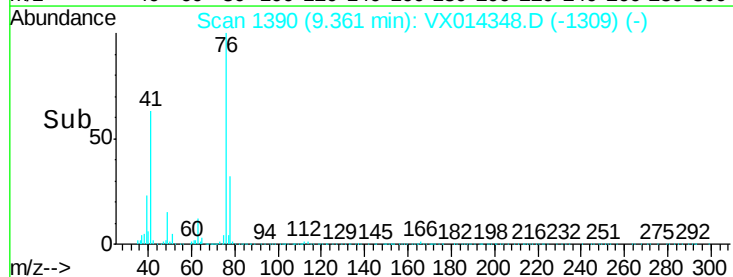
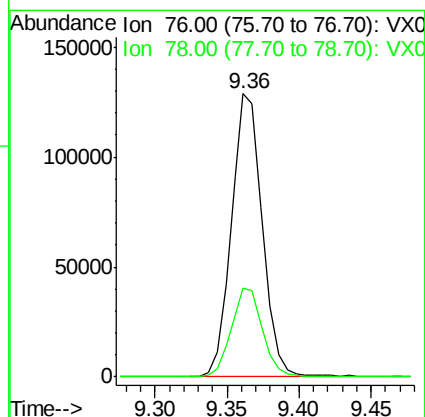
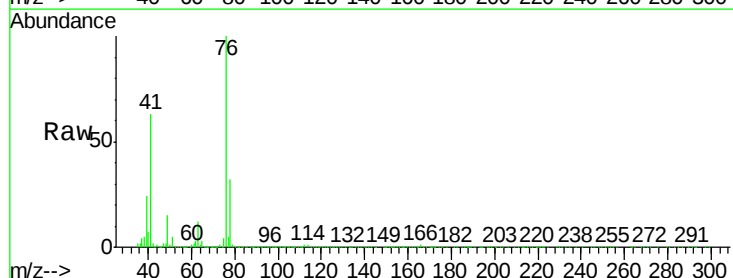
RT: 9.36 min Scan# 1390

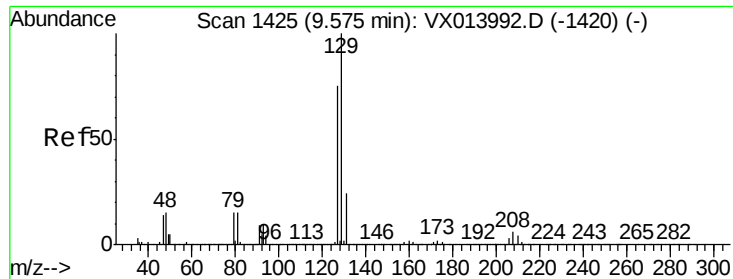
Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	76	Resp:	191486
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	63.4





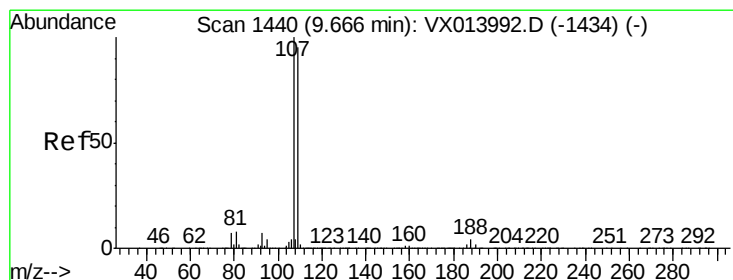
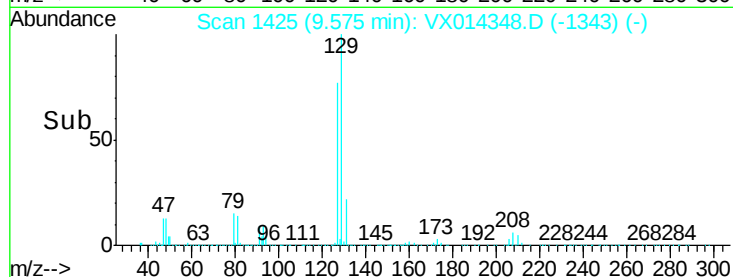
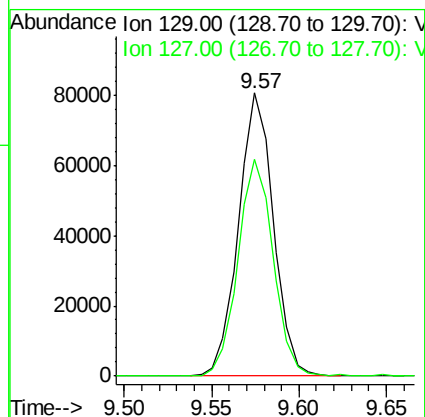
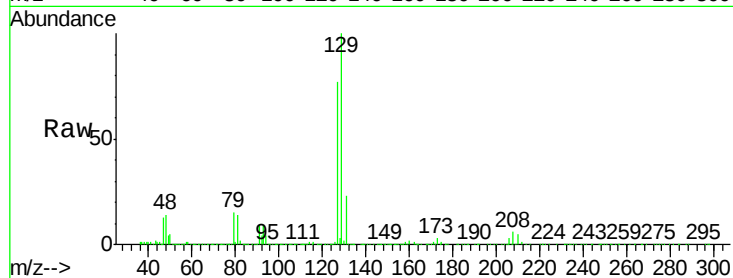
#53
Dibromochloromethane
Concen: 21.583 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.5

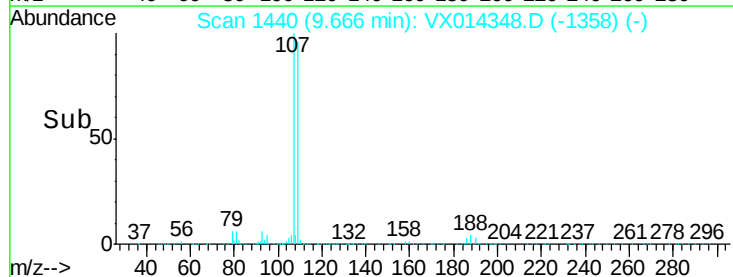
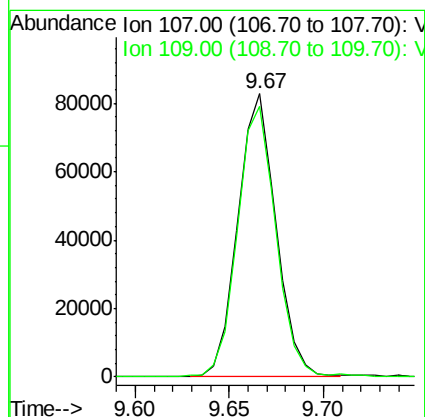
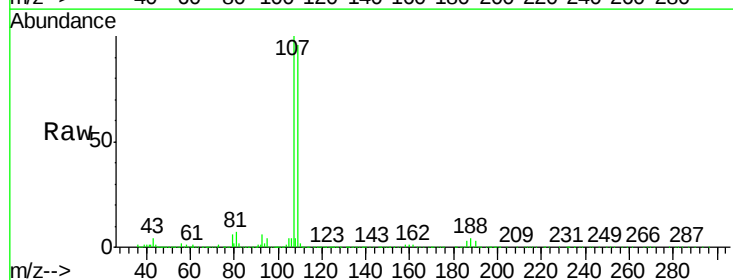
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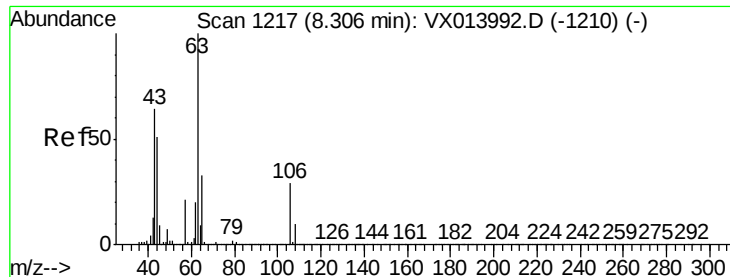
apatel
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#54
1,2-Dibromoethane
Concen: 21.650 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.3	77.2	115.8





#55

2-Chloroethyl vinyl ether

Concen: 102.247 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 63 Resp: 371529

Ion Ratio Lower Upper

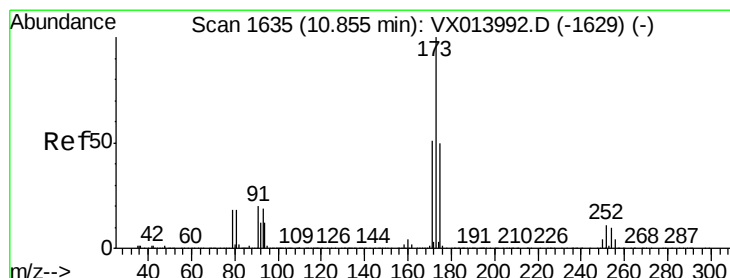
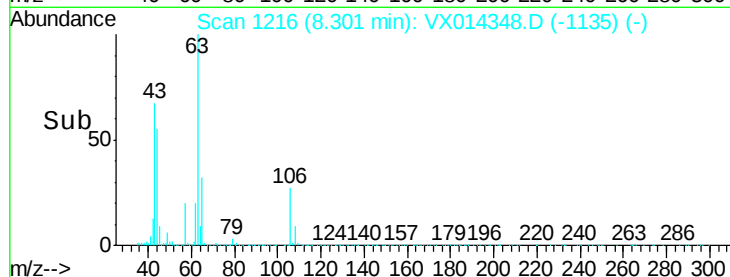
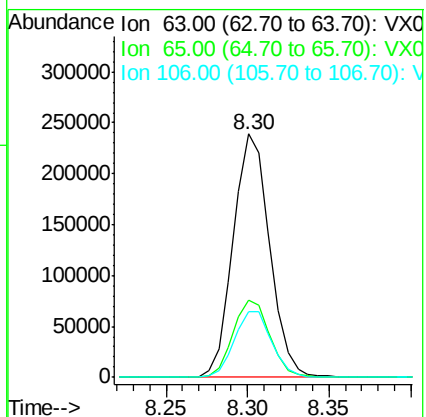
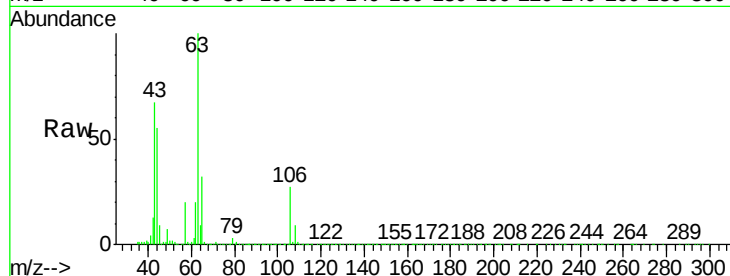
63 100

65 31.8 25.8 38.6

106 27.9 22.9 34.3

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#56

Bromoform

Concen: 20.690 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

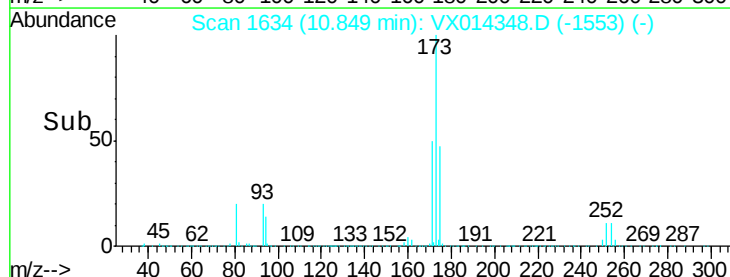
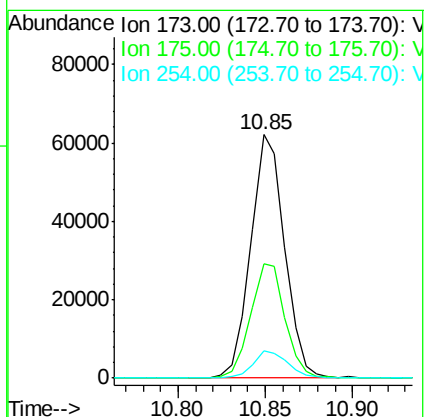
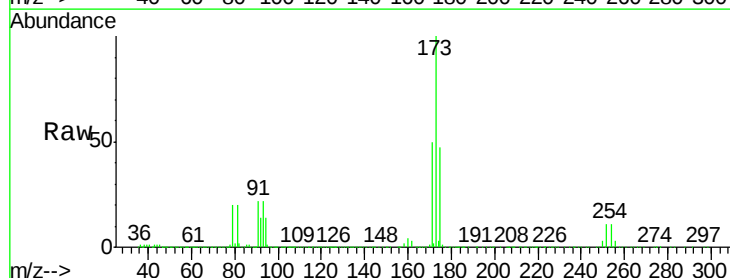
Tgt Ion: 173 Resp: 83605

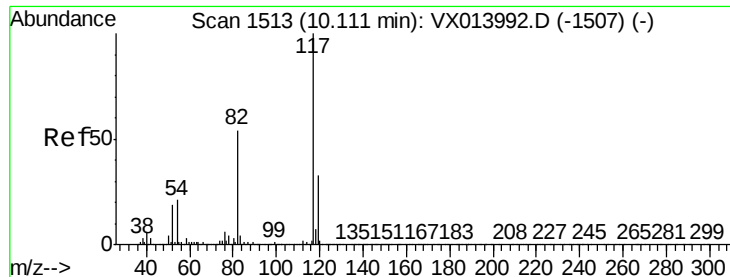
Ion Ratio Lower Upper

173 100

175 48.0 39.5 59.3

254 11.6 8.2 12.4





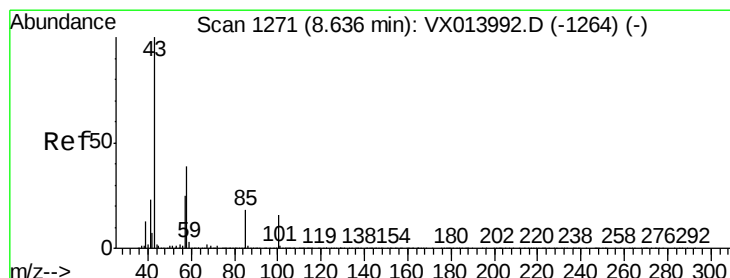
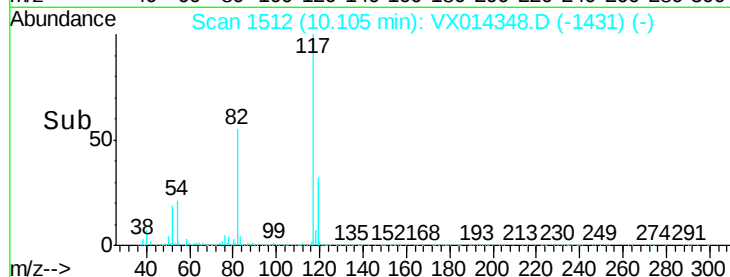
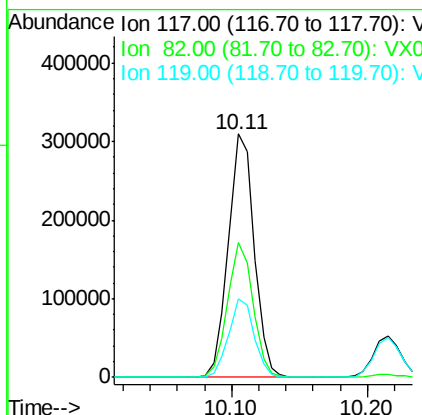
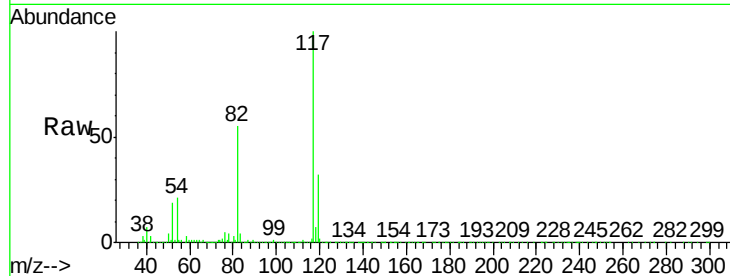
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.5	25.8	38.6

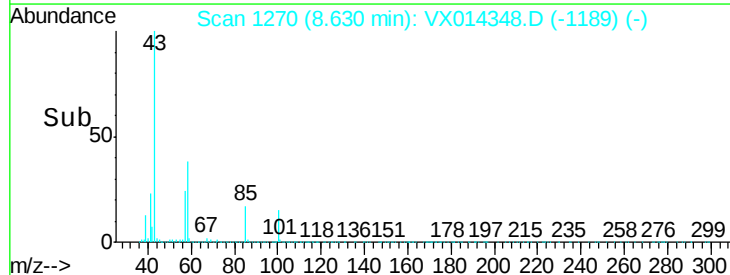
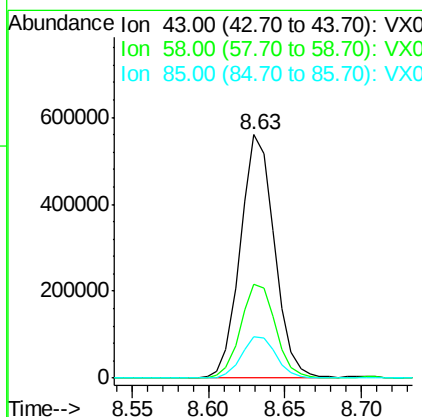
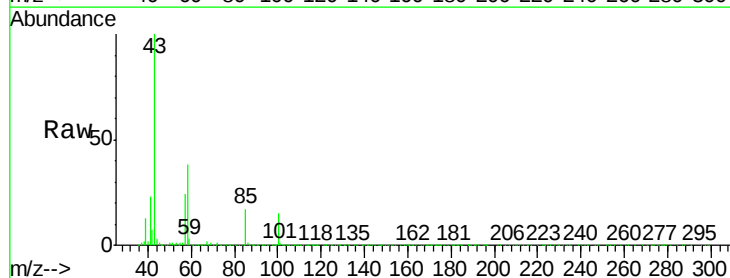
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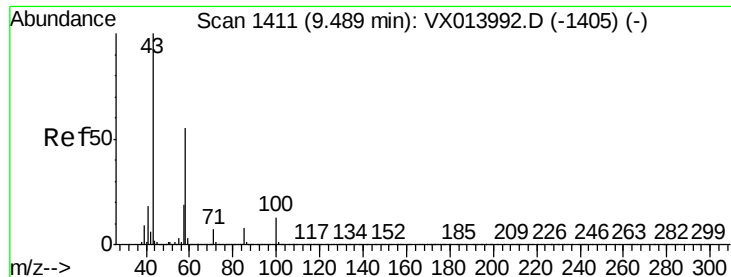
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#58
4-Methyl-2-Pentanone
Concen: 112.776 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.3	14.2	21.2





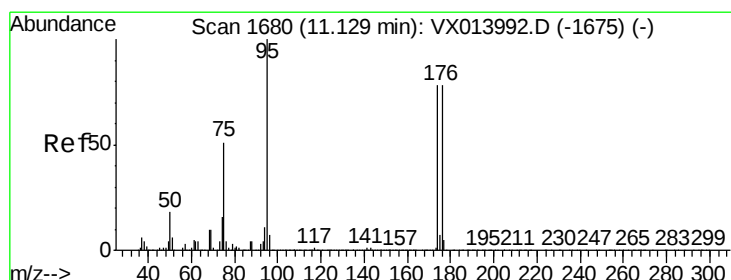
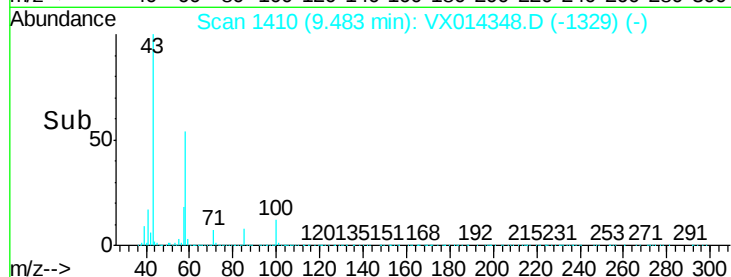
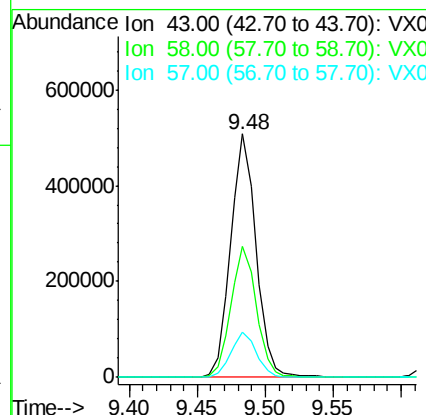
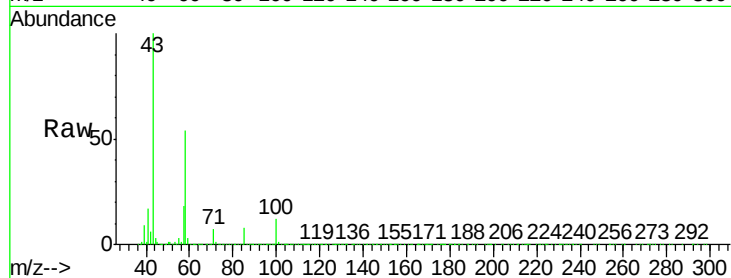
#59
2-Hexanone
Concen: 113.038 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.8	65.6
57	18.5	15.4	23.0

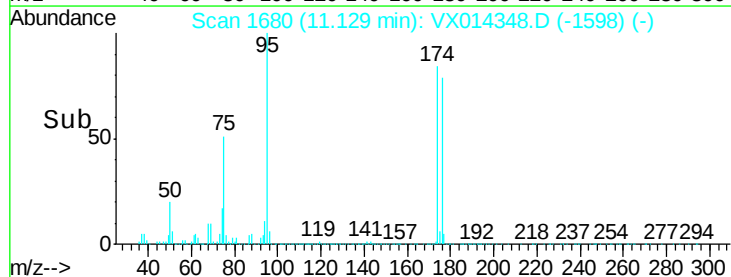
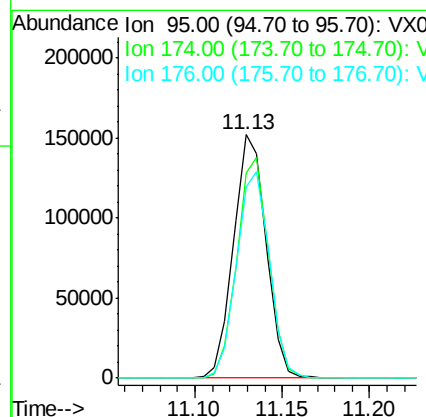
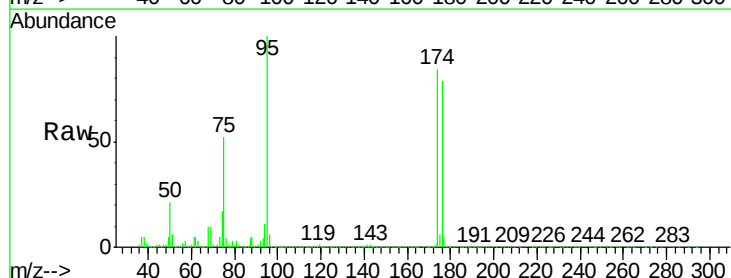
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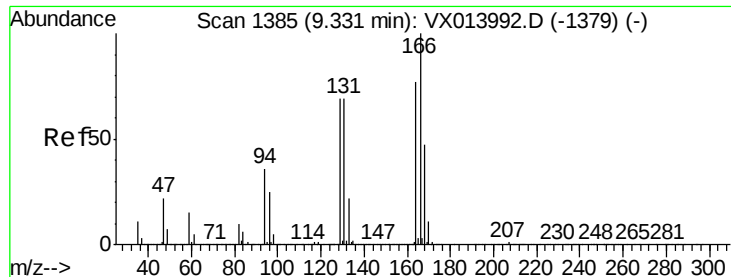
apatel
12/31/2019 9:32:35 AM



#60
4-Bromofluorobenzene
Concen: 29.755 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.6	70.2	105.2
176	85.8	68.3	102.5





#61

Tetrachloroethene

Concen: 21.976 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

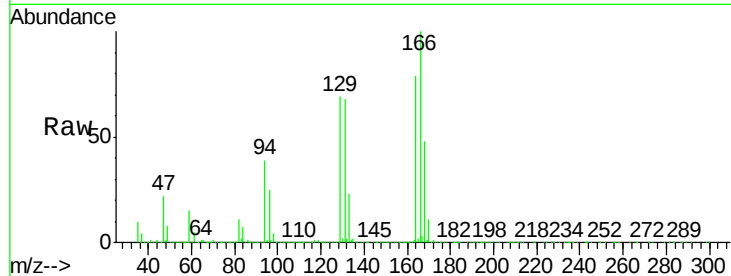
ClientSampleId :

VX1230WBSD01

Tot Ion:	164	Resp:	119279
Ion Ratio	Lower	Upper	
164	100		
166	125.7	104.2	156.2
129	86.4	71.6	107.4
131	85.6	71.7	107.5

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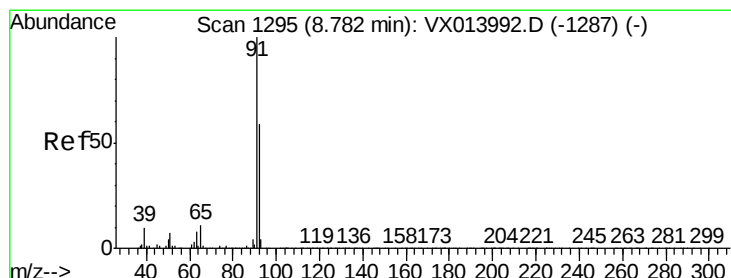
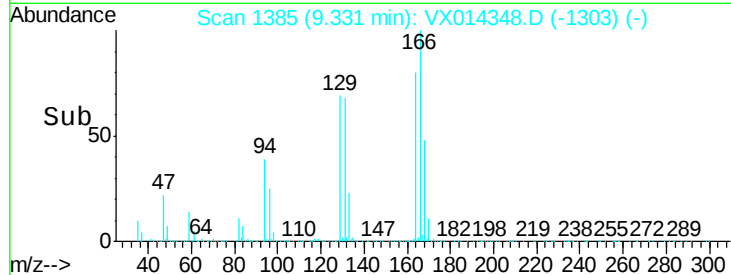
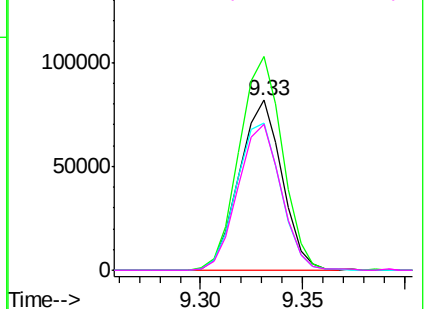
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.175 ug/l

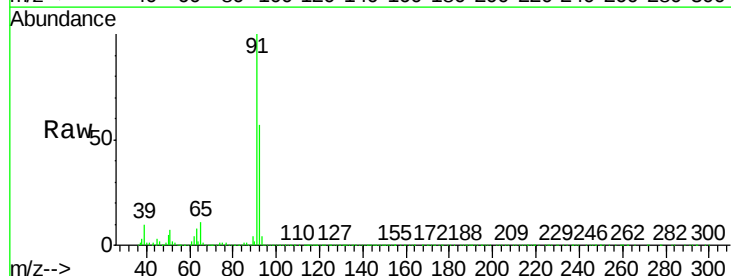
RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

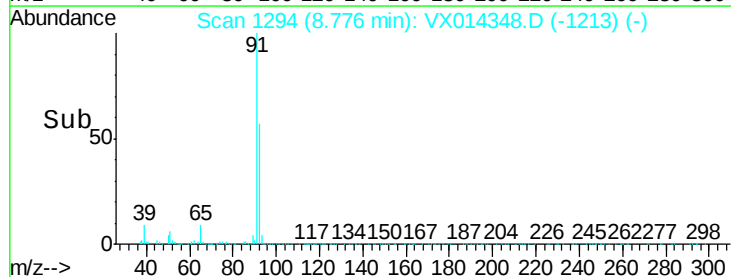
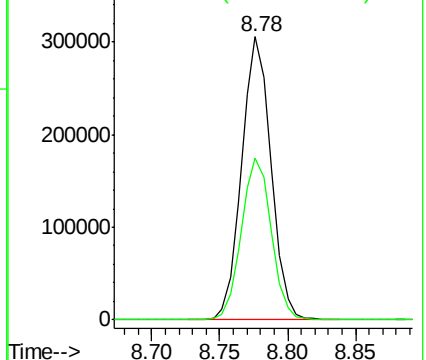
Tgt Ion:	91	Resp:	462062
Ion Ratio	Lower	Upper	
91	100		
92	57.9	46.4	69.6

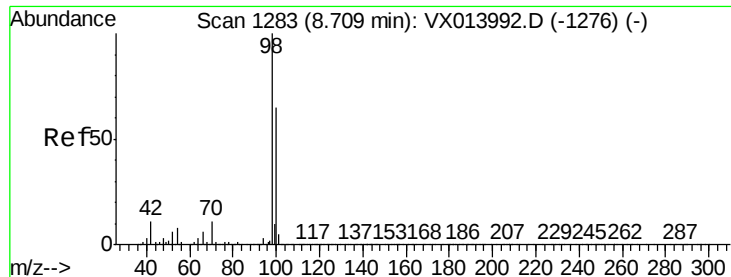


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.505 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 98 Resp: 559425

Ion Ratio Lower Upper

98 100

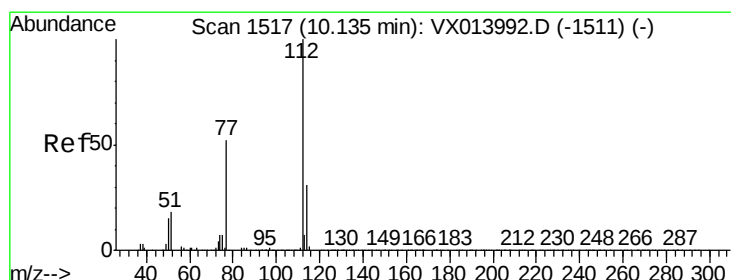
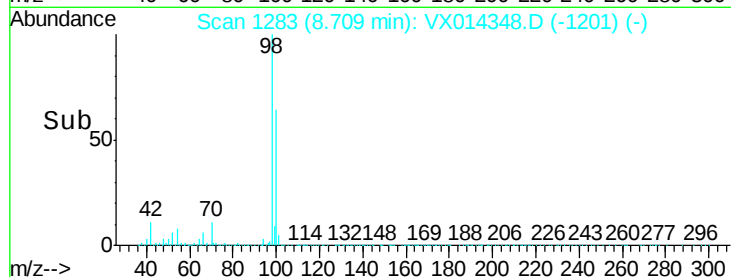
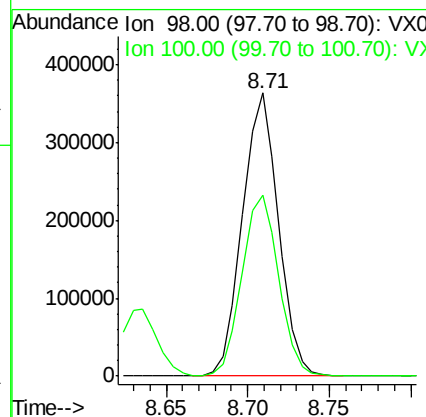
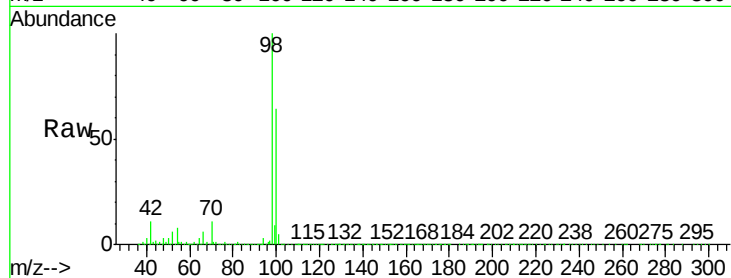
100 65.0 52.2 78.2

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#64

Chlorobenzene

Concen: 20.931 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014348.D

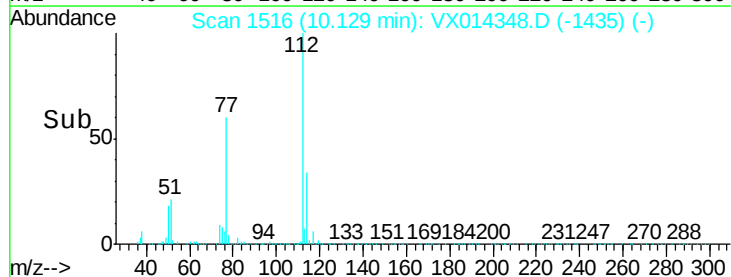
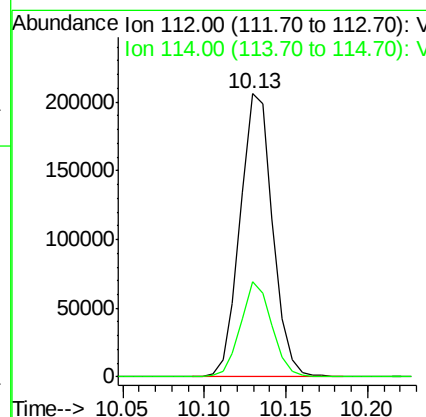
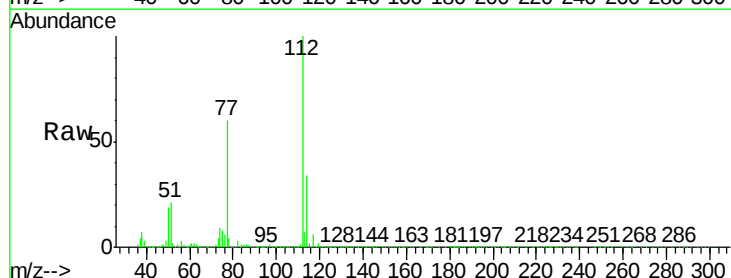
Acq: 30 Dec 2019 12:40

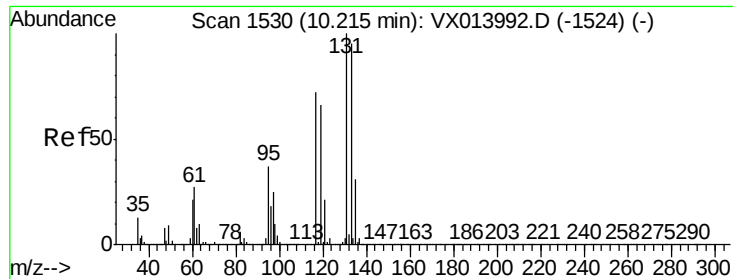
Tgt Ion: 112 Resp: 286146

Ion Ratio Lower Upper

112 100

114 33.6 24.4 36.6





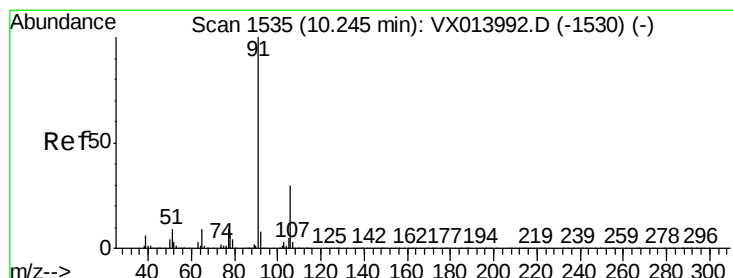
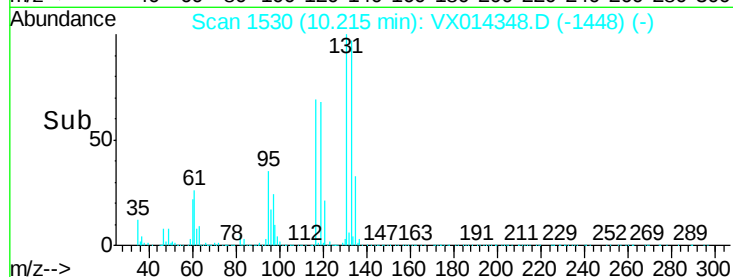
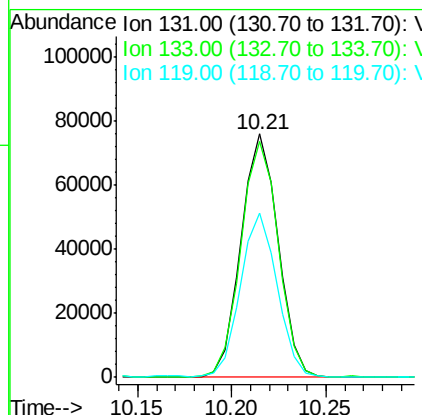
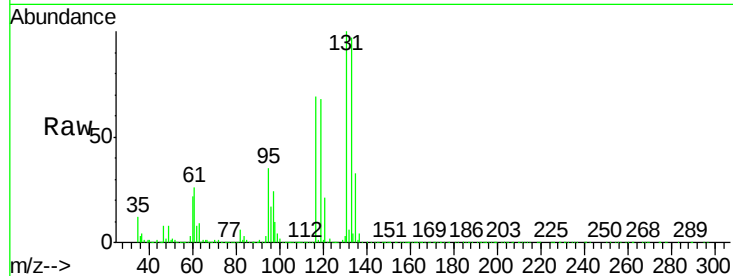
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.464 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

Tot Ion	Ratio	Resp Lower	Upper
131	100		
133	97.9	0.0	189.8
119	66.3	0.0	132.2

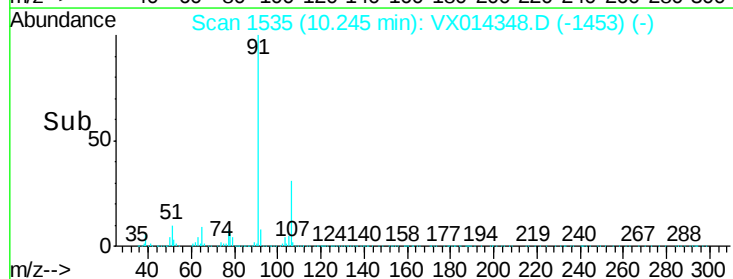
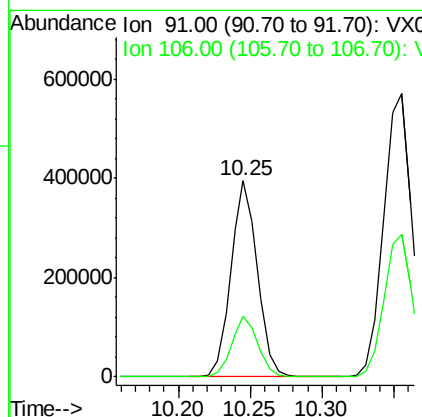
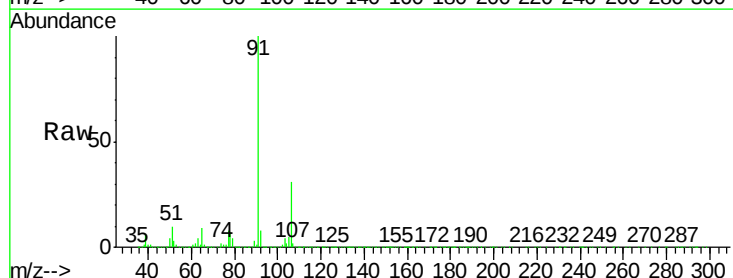
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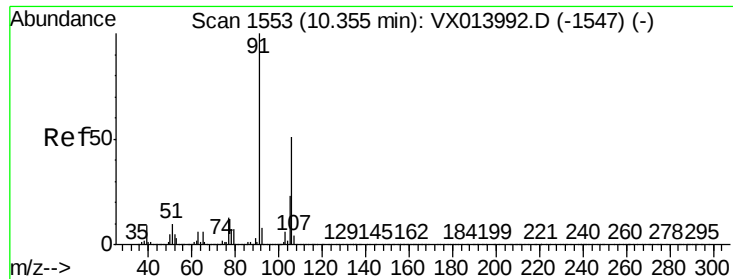
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#66
 Ethyl Benzene
 Concen: 21.210 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
106	31.1	24.2	36.2





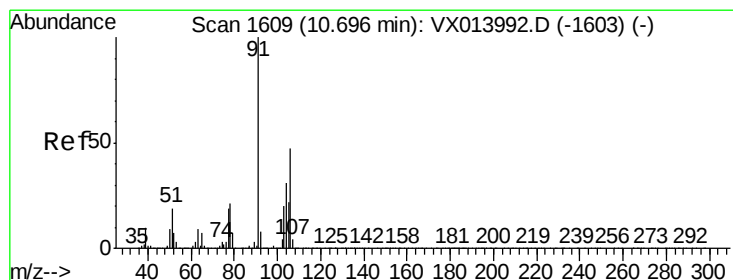
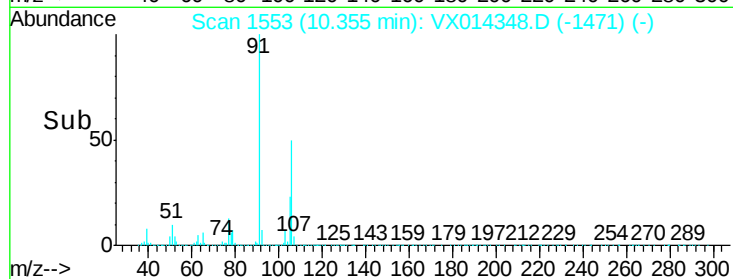
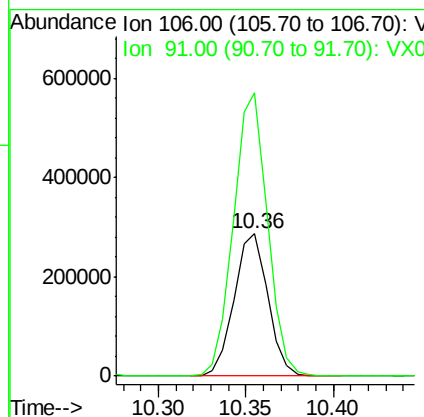
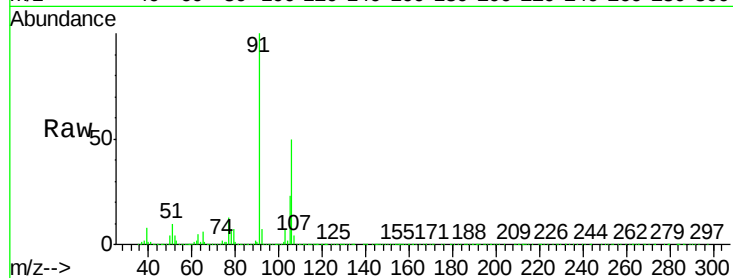
#67
m/p-Xvlenes
Concen: 42.345 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.2	159.3	238.9

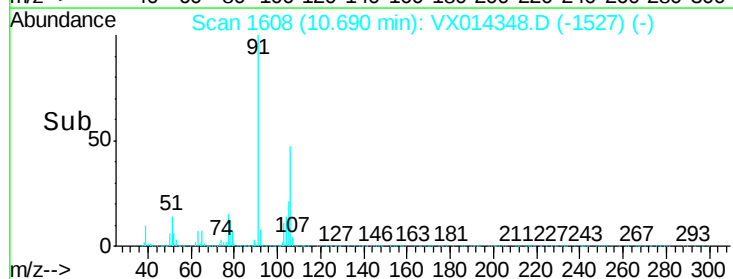
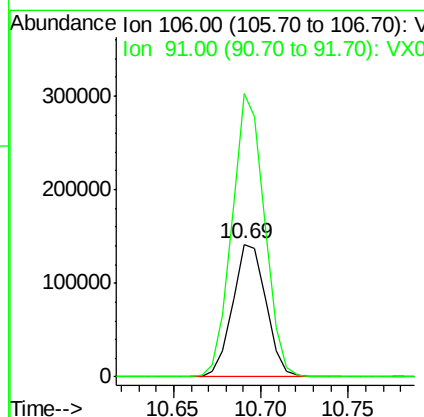
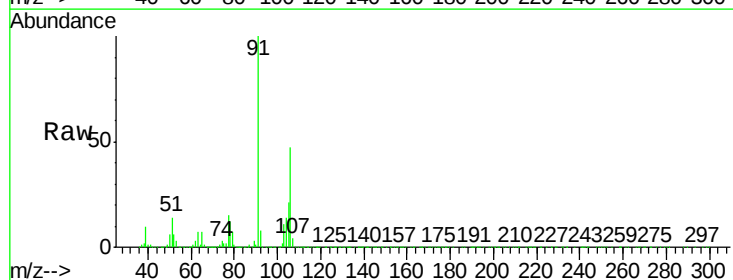
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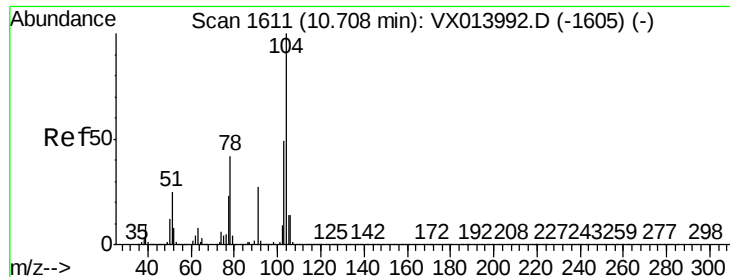
apatel
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#68
o-Xylene
Concen: 20.815 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.9	104.8	314.6





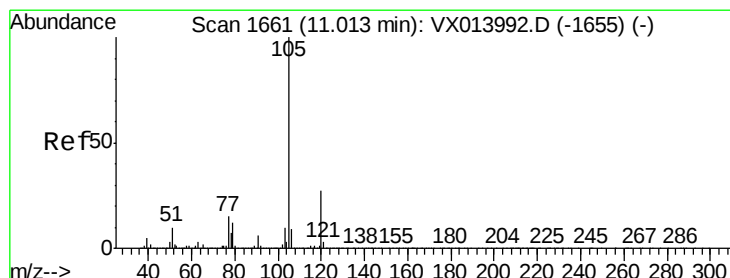
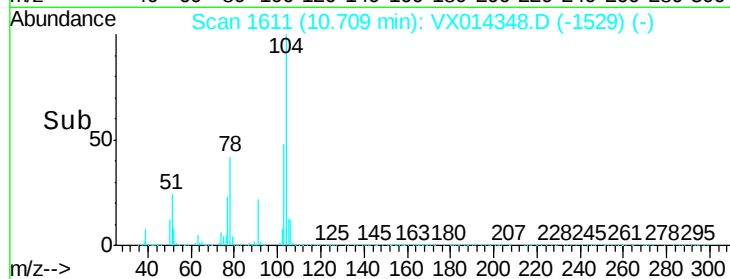
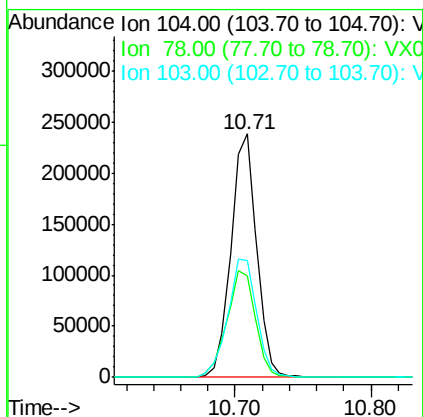
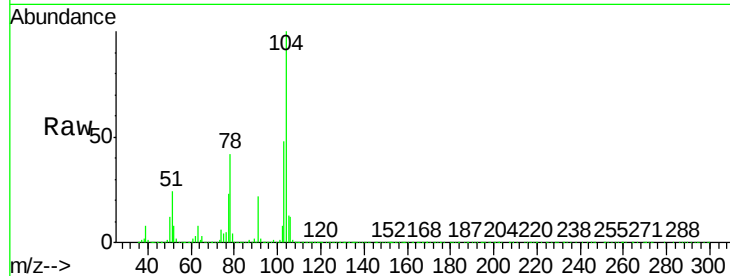
#69
Stvrene
Concen: 20.339 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	312781		
78	48.8		38.9	58.3
103	55.1		44.2	66.2

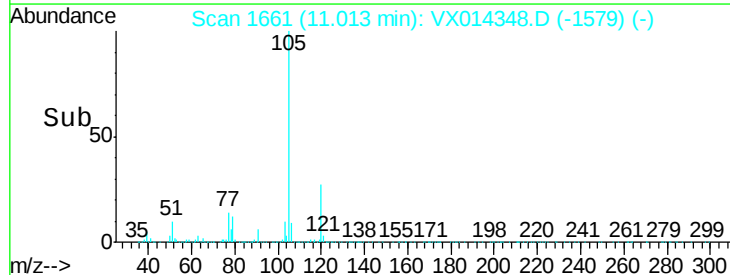
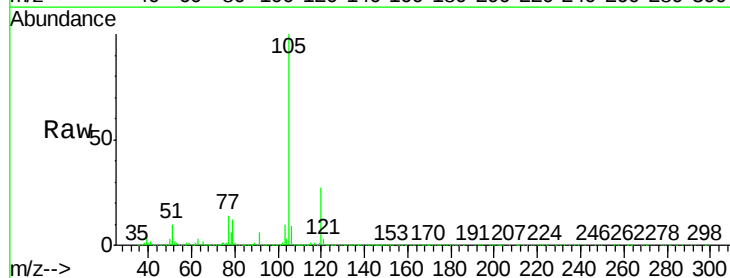
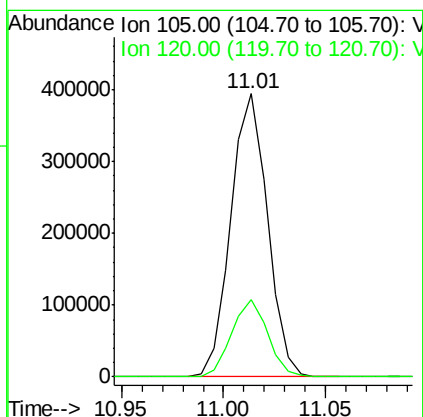
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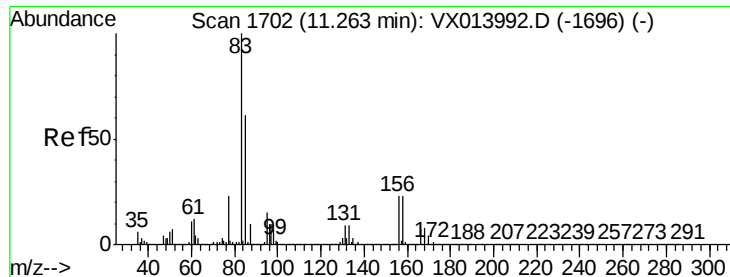
apatel
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#70
Isopropylbenzene
Concen: 21.021 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491250		
120	27.0		19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.576 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 83 Resp: 170519

Ion Ratio Lower Upper

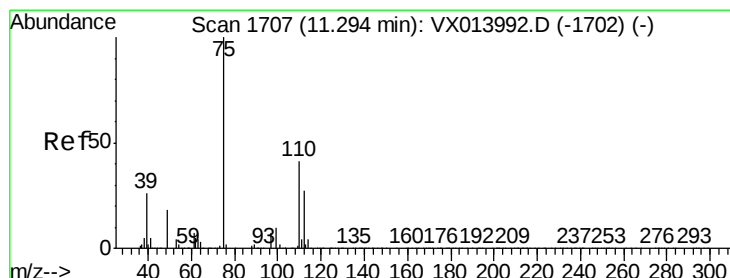
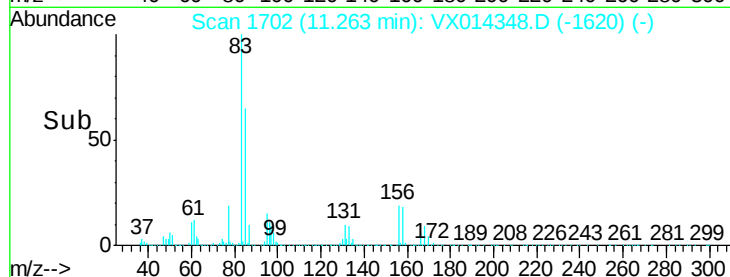
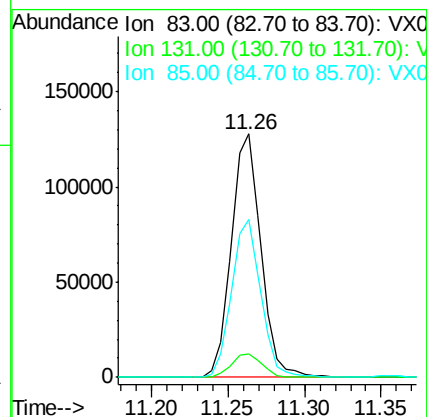
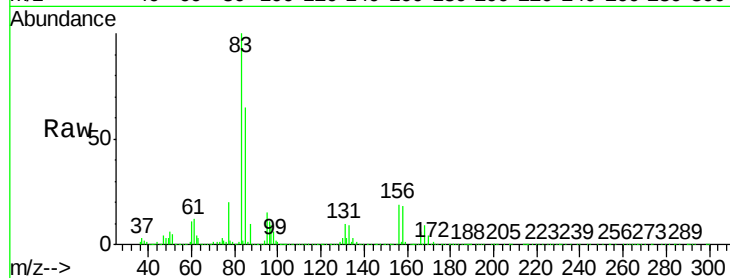
83 100

131 10.1 4.9 14.7

85 64.1 31.6 94.7

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#72

1,2,3-Trichloropropane

Concen: 19.812 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014348.D

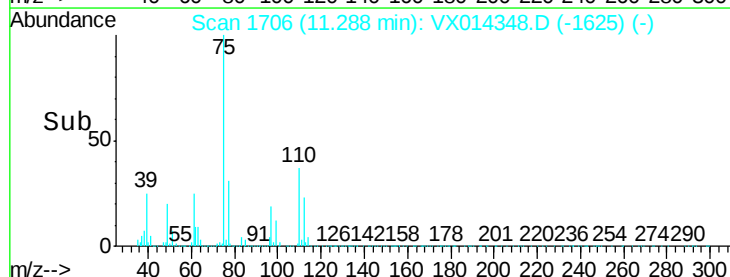
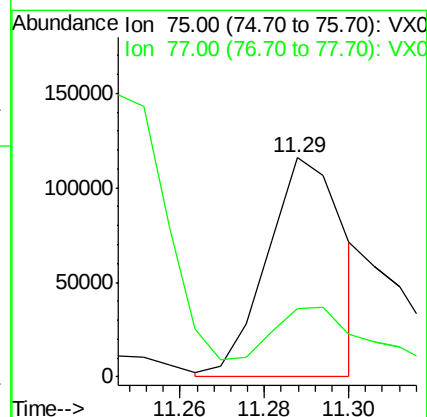
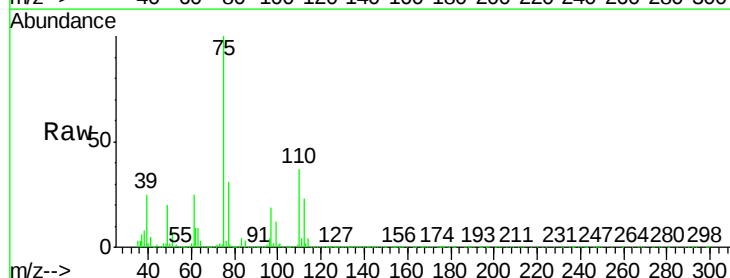
Acq: 30 Dec 2019 12:40

Tgt Ion: 75 Resp: 146151

Ion Ratio Lower Upper

75 100

77 41.0 0.0 68.4





#73

Bromobenzene

Concen: 20.396 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

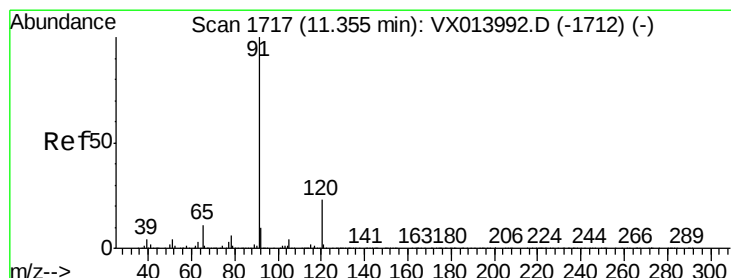
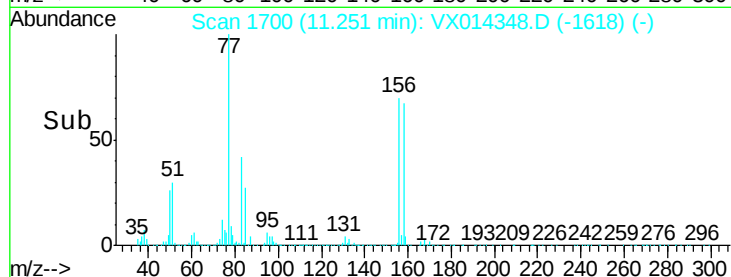
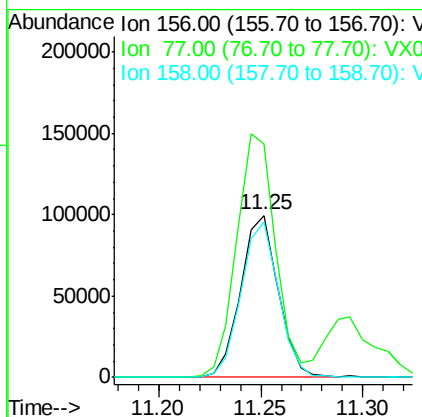
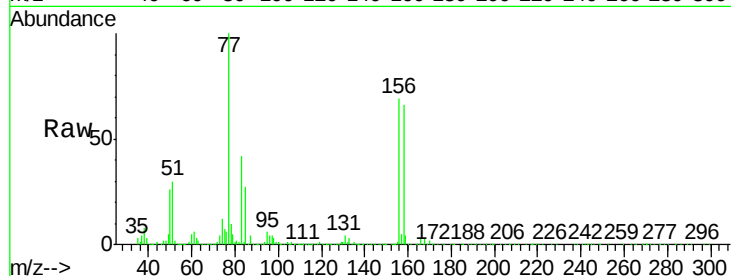
ClientSampleId :

VX1230WBSD01

Tot Ion:	156	Resp:	127239
Ion Ratio	Lower	Upper	
156	100		
77	154.6	0.0	304.6
158	96.0	0.0	195.2

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#74

n-propylbenzene

Concen: 21.426 ug/l

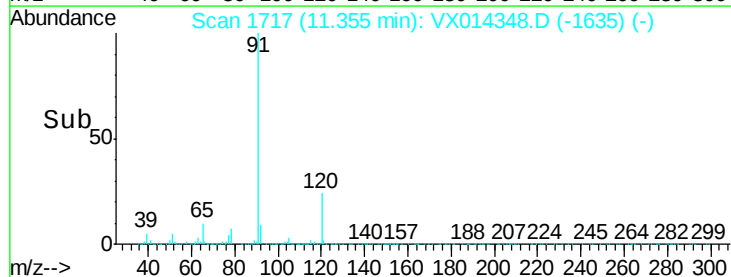
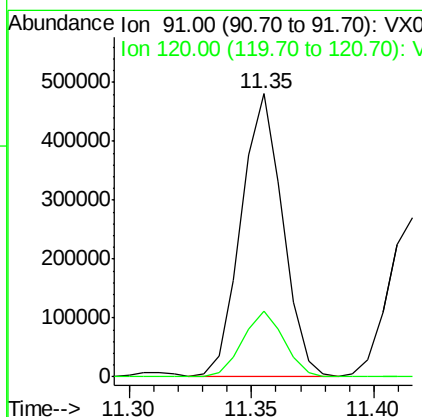
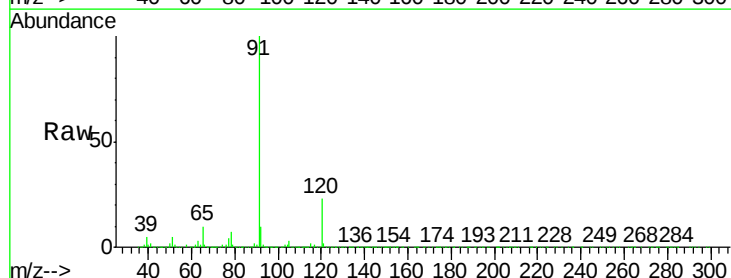
RT: 11.35 min Scan# 1717

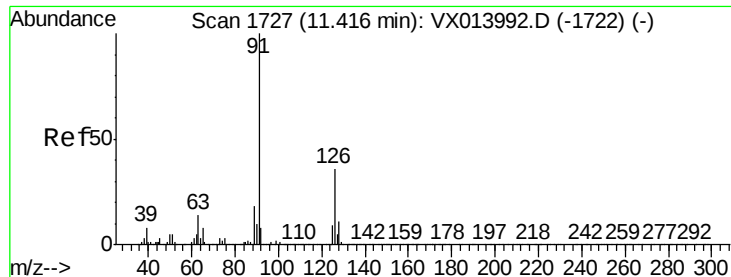
Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	91	Resp:	567918
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	44.8





#75

2-Chlorotoluene

Concen: 21.217 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion: 91 Resp: 339803

Ion Ratio Lower Upper

91 100

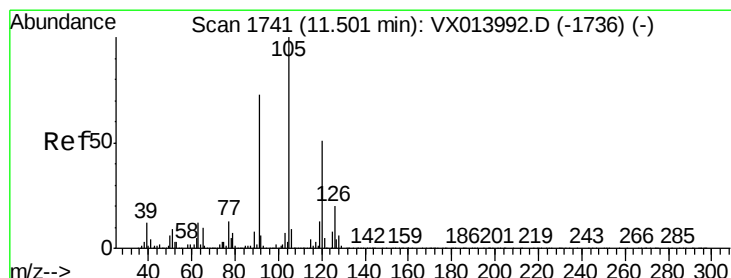
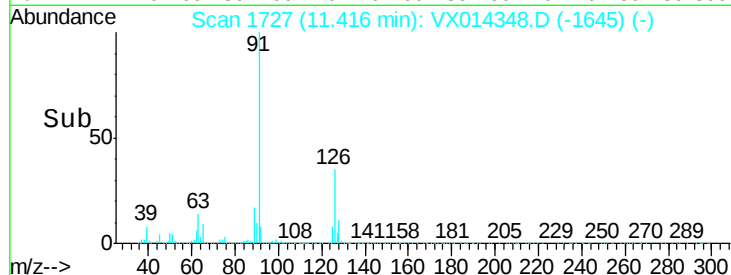
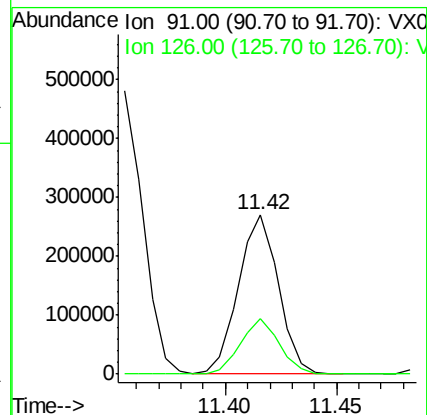
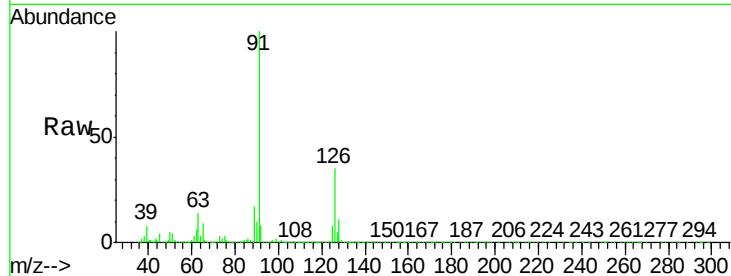
126 33.7 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 20.798 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014348.D

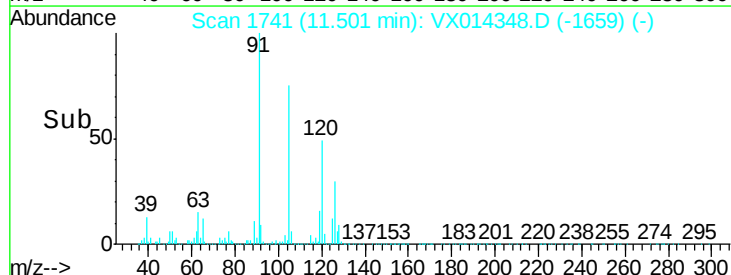
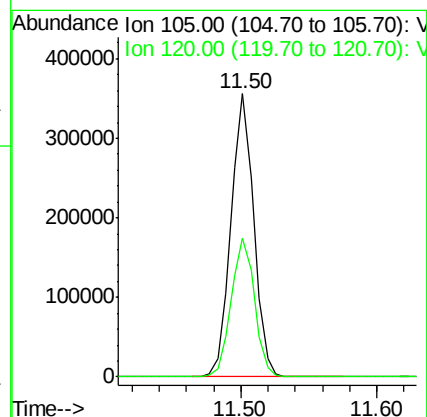
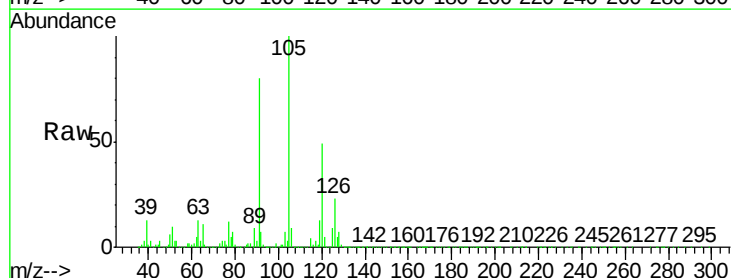
Acq: 30 Dec 2019 12:40

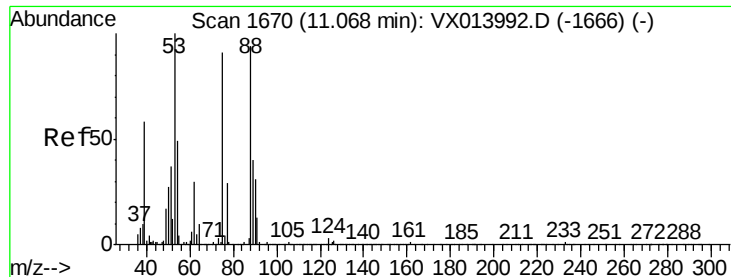
Tgt Ion: 105 Resp: 412297

Ion Ratio Lower Upper

105 100

120 50.2 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 22.317 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

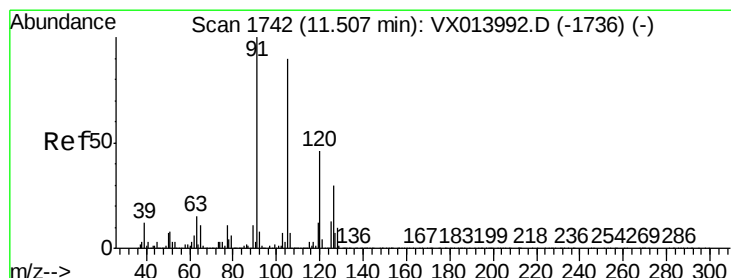
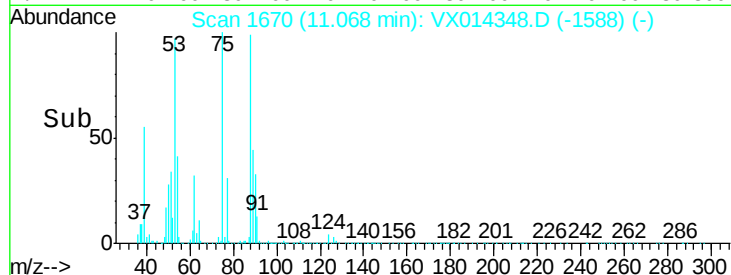
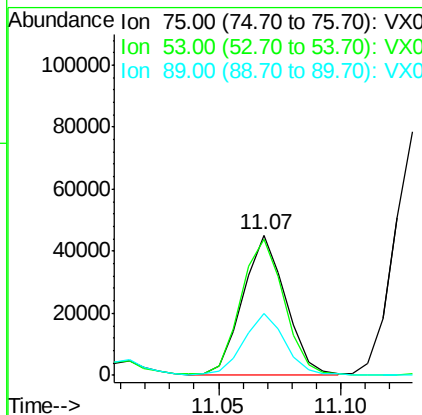
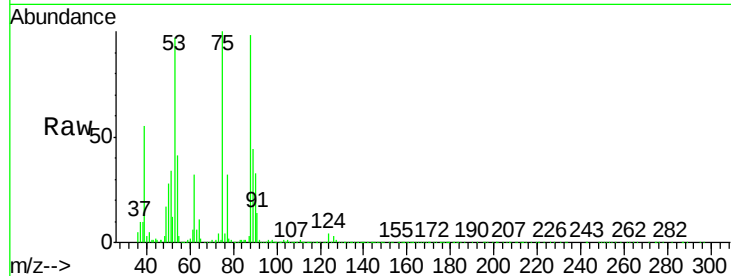
ClientSampleId :

VX1230WBSD01

Tot Ion:	75	Resp:	54365
Ion Ratio	Lower	Upper	
75	100		
53	96.1	54.4	163.1
89	43.9	21.9	65.5

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#78

4-Chlorotoluene

Concen: 20.678 ug/l

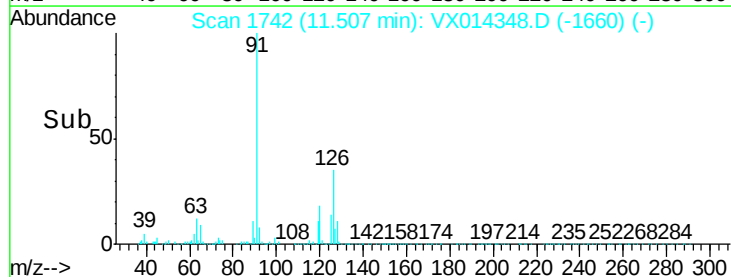
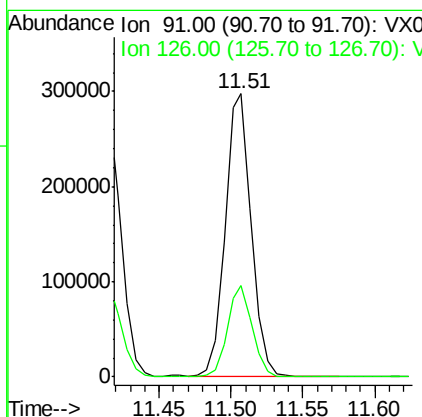
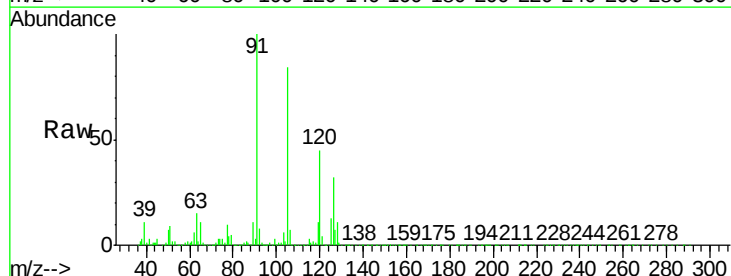
RT: 11.51 min Scan# 1742

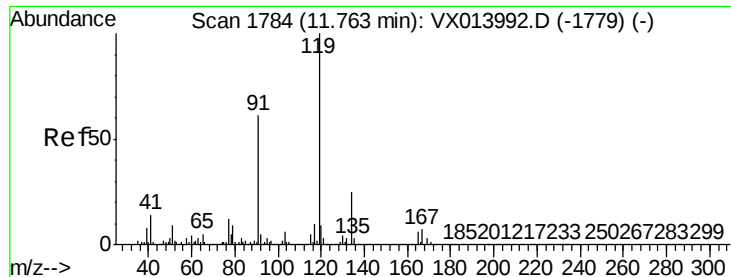
Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	91	Resp:	378430
Ion Ratio	Lower	Upper	
91	100		
126	30.8	0.0	59.6





#79

tert-butylbenzene

Concen: 20.302 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

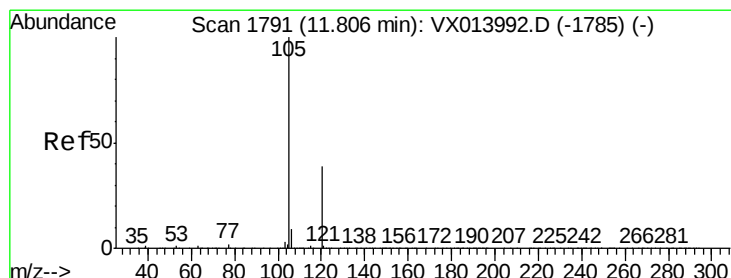
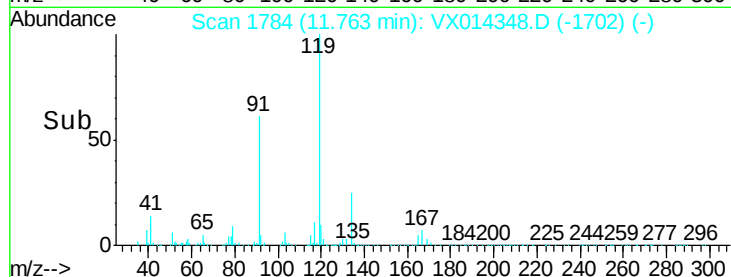
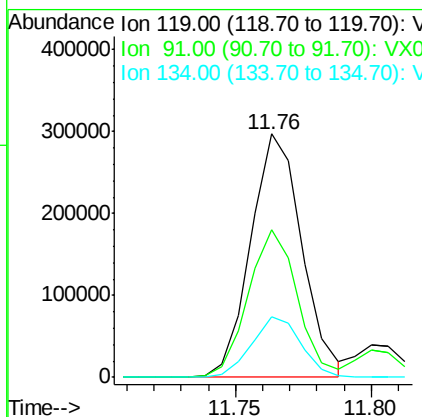
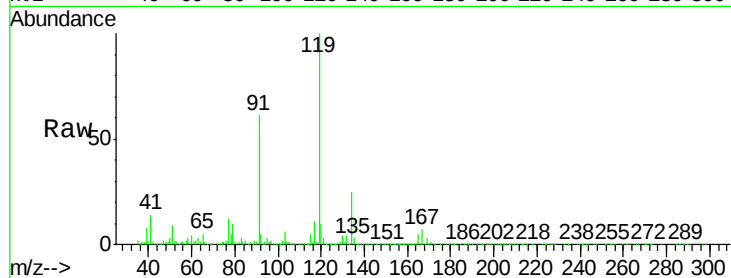
ClientSampleId :

VX1230WBSD01

Tot Ion:	119	Resp:	387926
Ion Ratio	Lower	Upper	
119	100		
91	58.1	0.0	112.6
134	24.1	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 20.635 ug/l

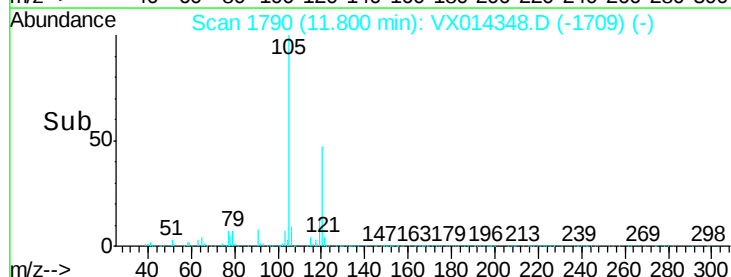
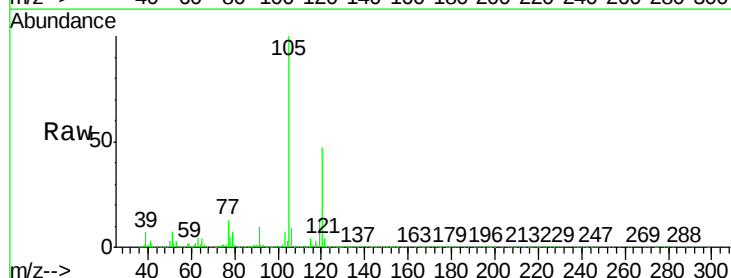
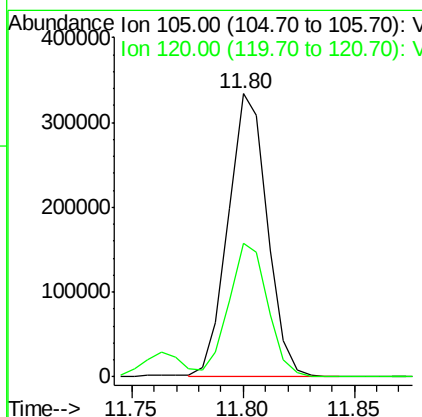
RT: 11.80 min Scan# 1790

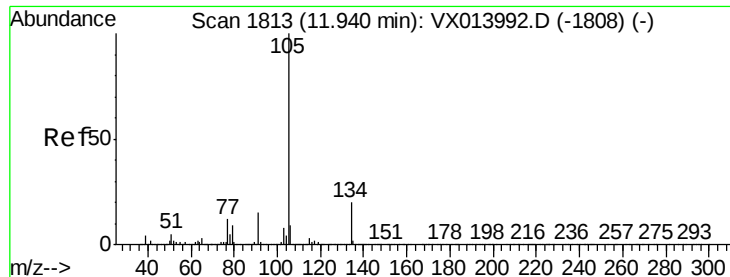
Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Tgt Ion:	105	Resp:	409041
Ion Ratio	Lower	Upper	
105	100		
120	46.8	0.0	92.0





#81

sec-Butylbenzene

Concen: 20.773 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD01

Tot Ion:105 Resp: 472140

Ion Ratio Lower Upper

105 100

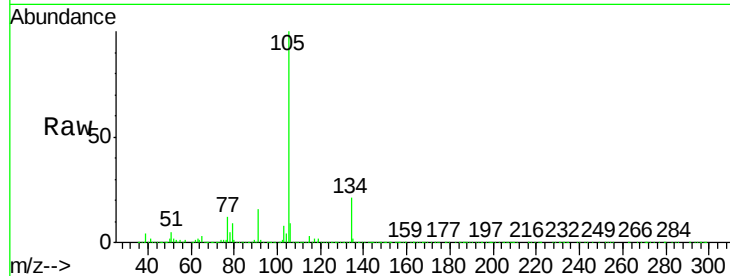
134 20.4 0.0 40.2

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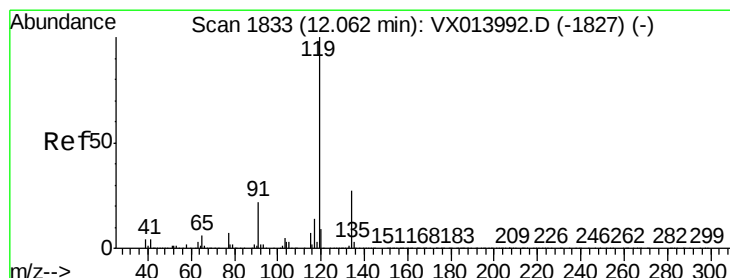
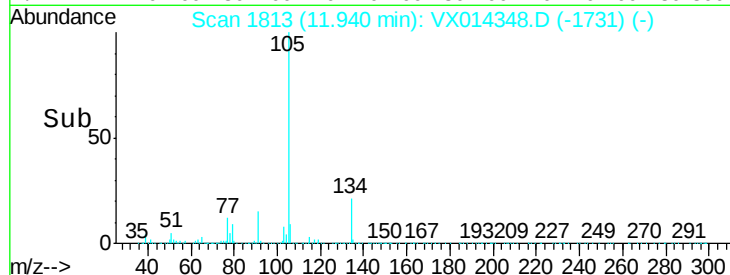
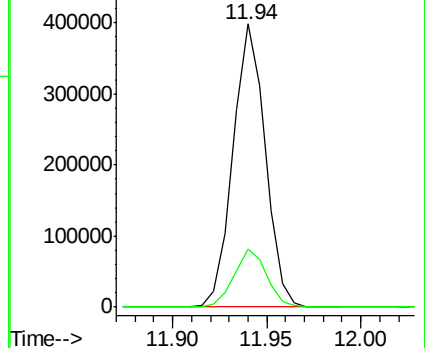
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 21.023 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014348.D

Acq: 30 Dec 2019 12:40

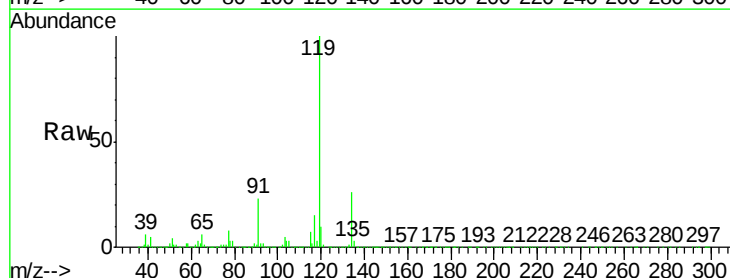
Tgt Ion:119 Resp: 431193

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.8

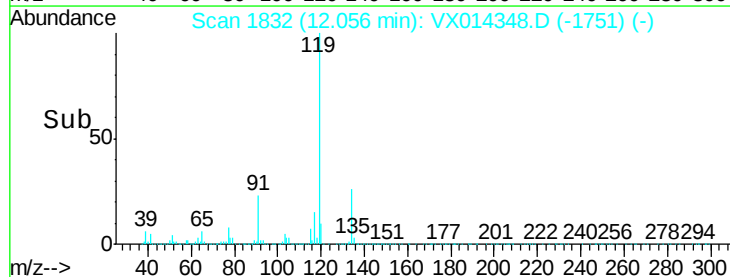
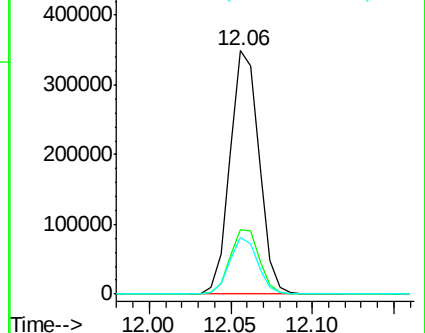
91 22.5 0.0 45.0

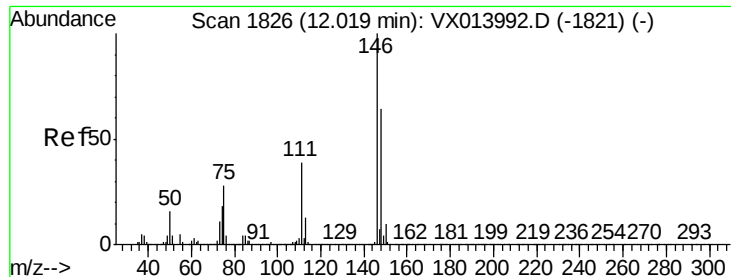


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





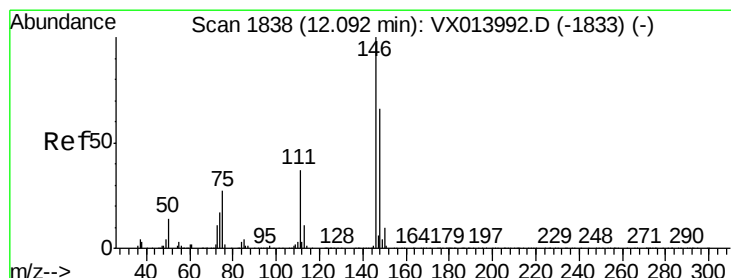
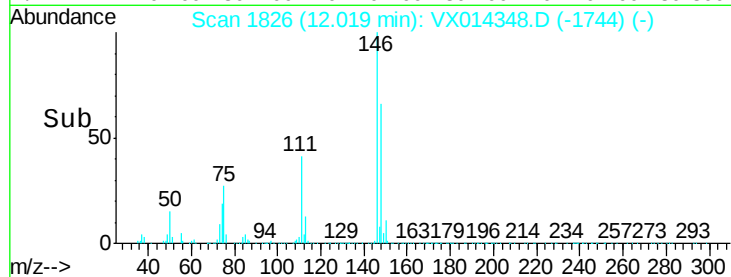
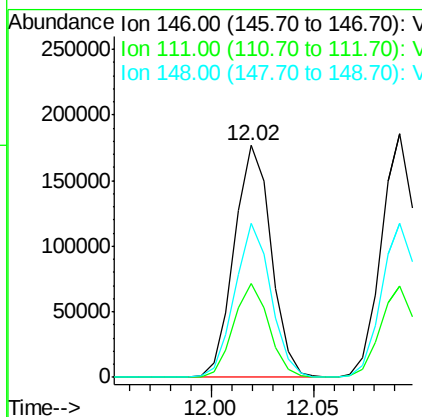
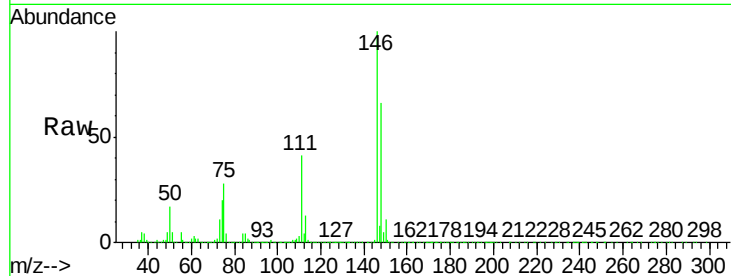
#83
 1,3-Dichlorobenzene
 Concen: 20.320 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	220953		
111	38.9	19.3	57.9	
148	64.7	32.2	96.6	

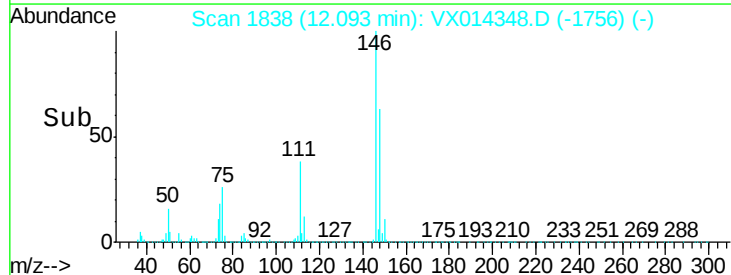
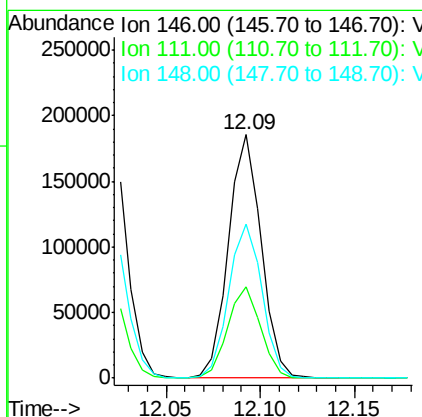
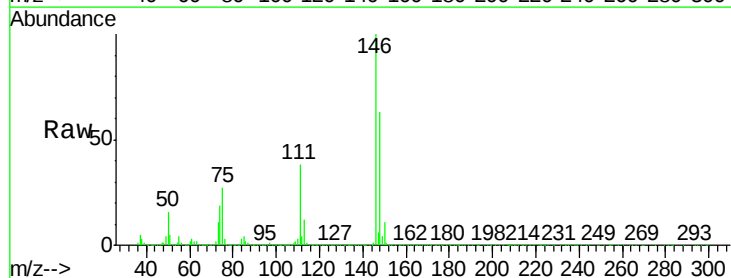
Manual Integrations
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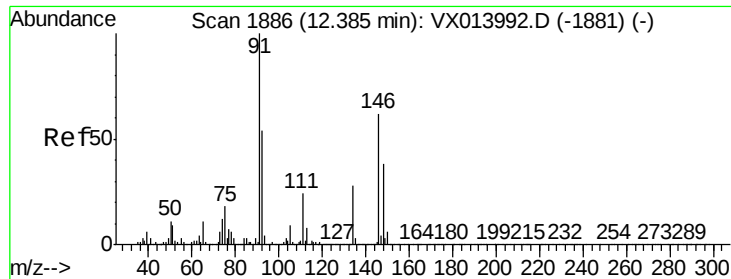
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#84
 1,4-Dichlorobenzene
 Concen: 20.613 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	223182		
111	37.7	18.4	55.4	
148	64.5	32.0	96.0	





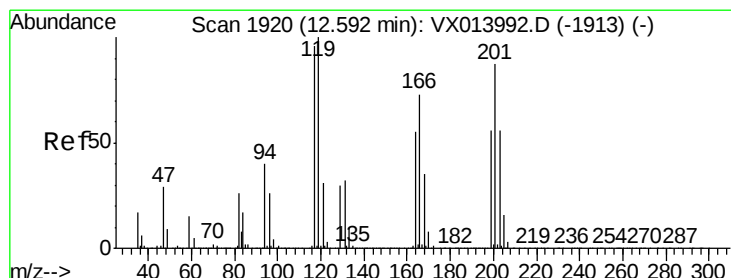
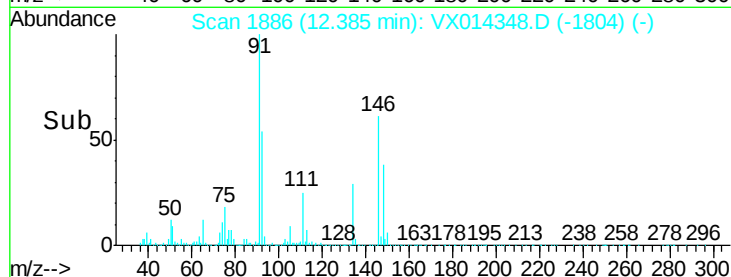
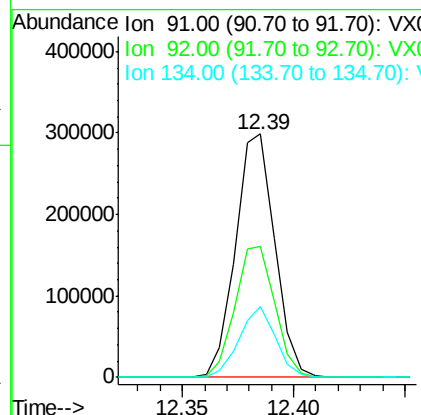
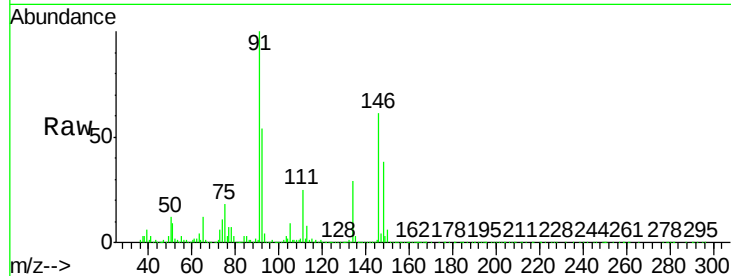
#85
n-Butylbenzene
Concen: 21.179 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	365228		
92	54.6	0.0	109.0	
134	27.0	0.0	54.0	

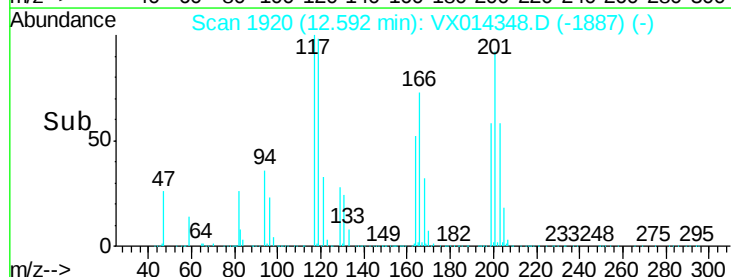
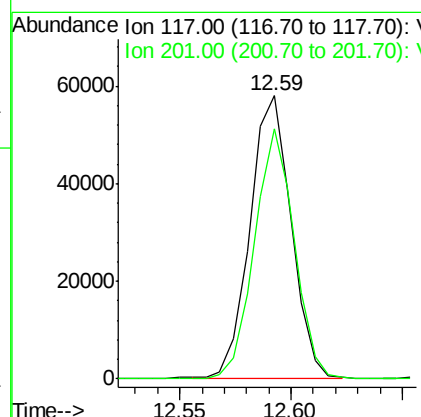
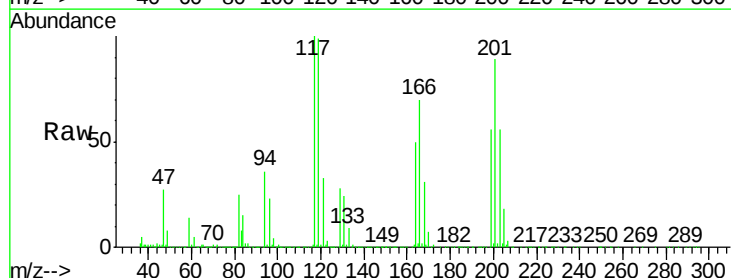
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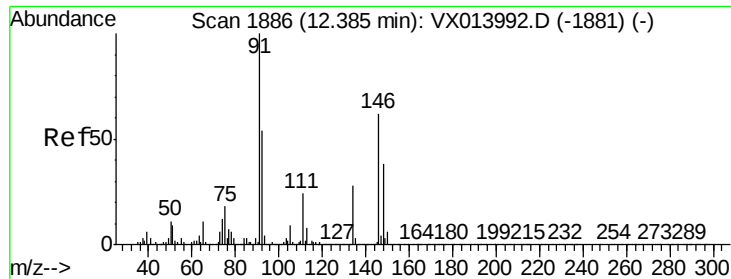
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#86
Hexachloroethane
Concen: 19.997 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74404		
201	85.8	44.8	134.3	





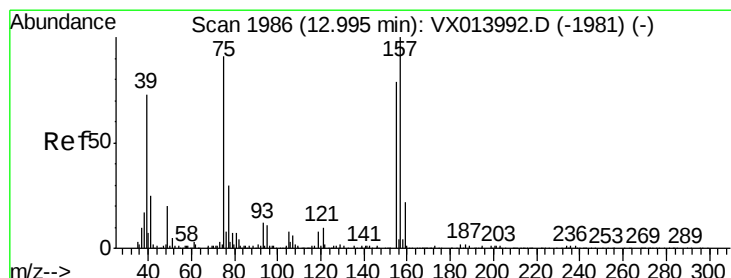
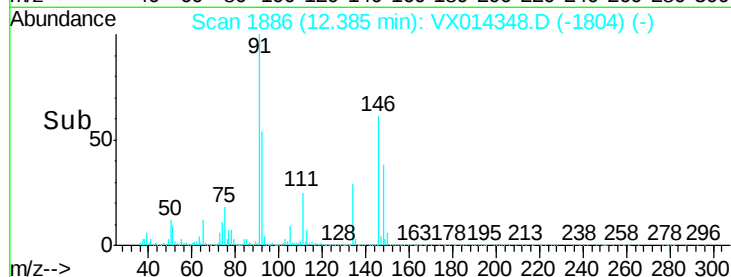
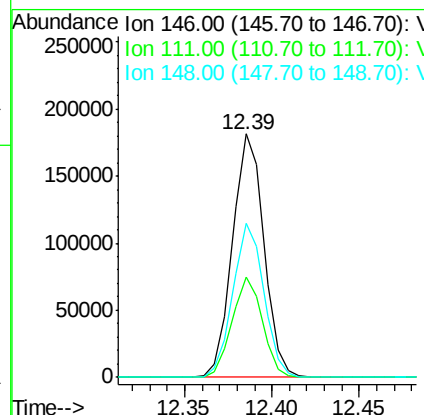
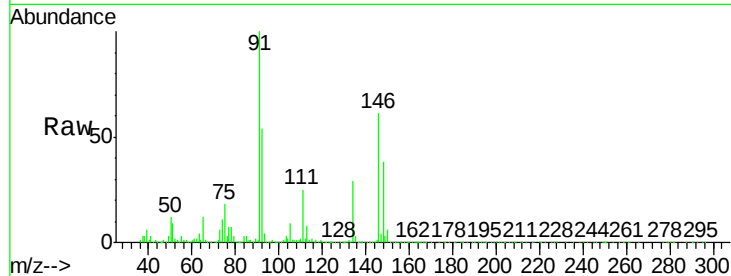
#87
 1,2-Dichlorobenzene
 Concen: 20.444 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	62.9	32.0	96.2

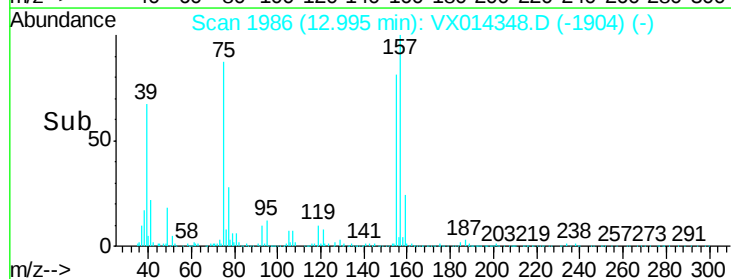
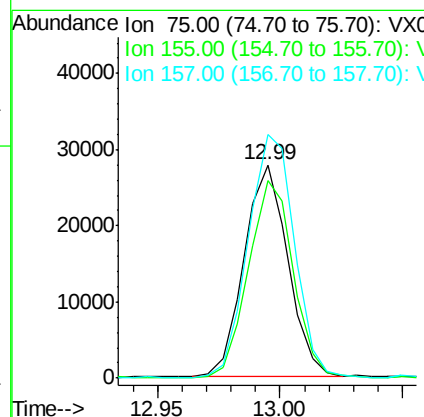
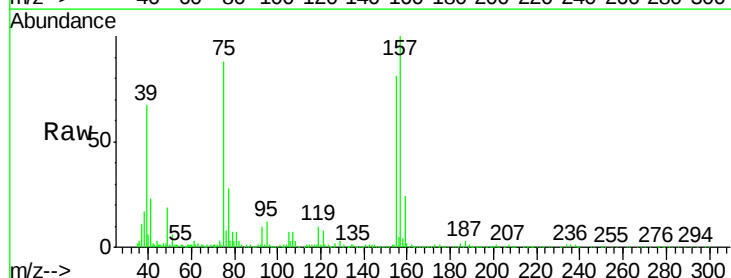
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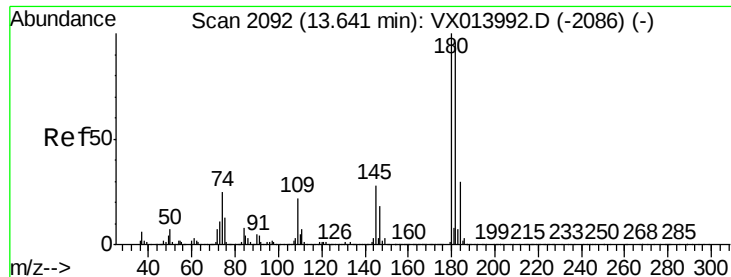
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.874 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014348.D
 Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	73.8	110.6
157	122.6	95.0	142.4





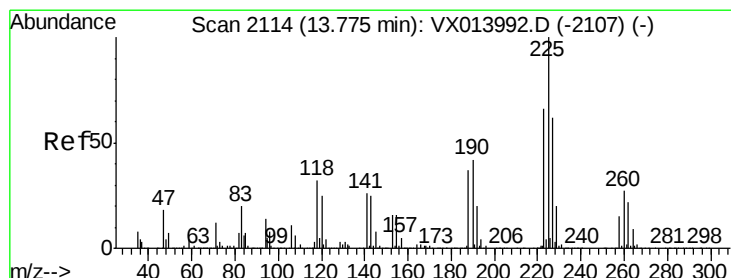
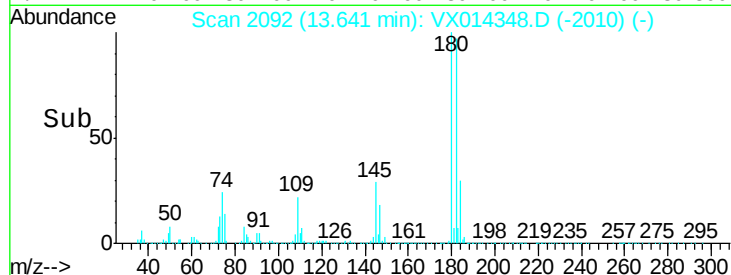
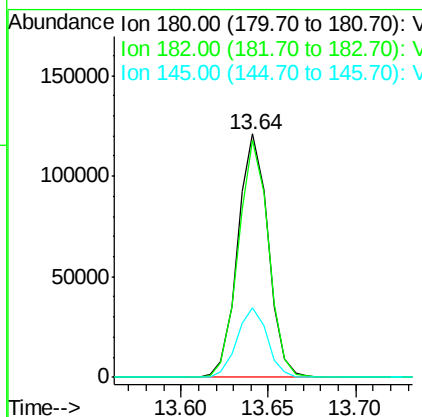
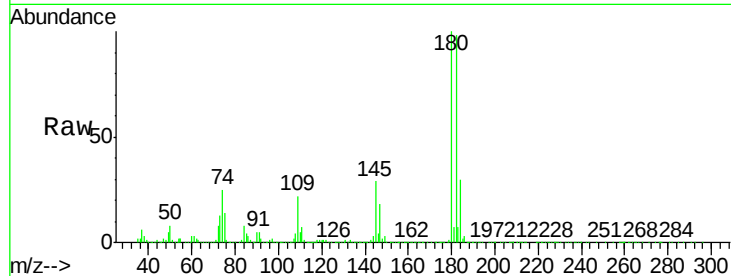
#89
1,2,4-Trichlorobenzene
Concen: 20.673 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	28.5	21.9	32.9

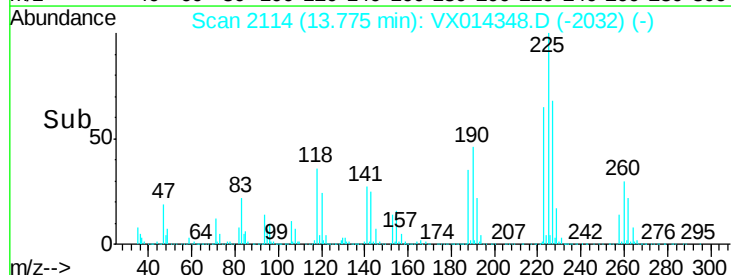
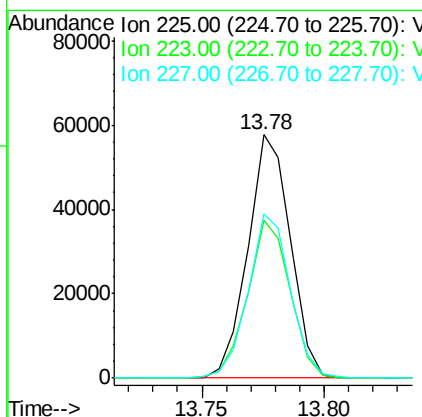
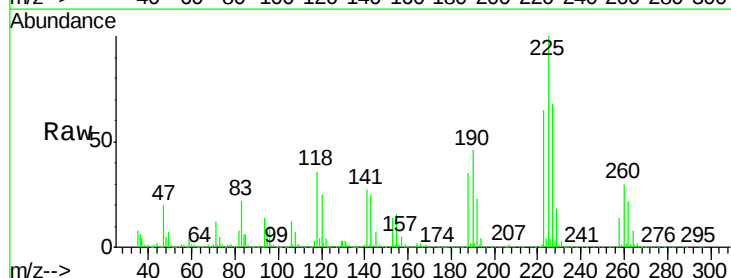
Manual Integrations
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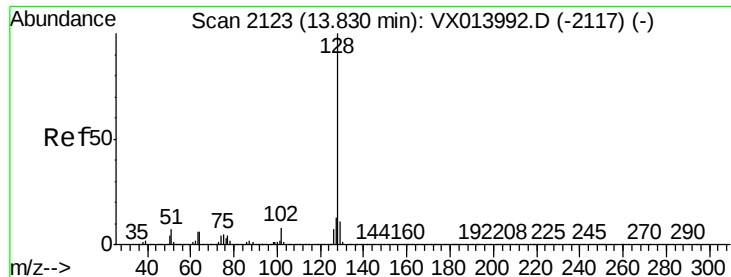
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#90
Hexachlorobutadiene
Concen: 20.812 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	0.0	127.4
227	67.2	0.0	122.8





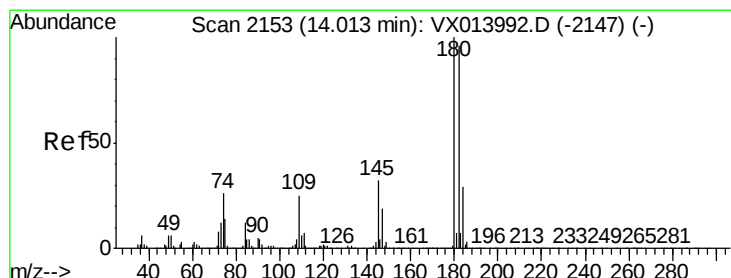
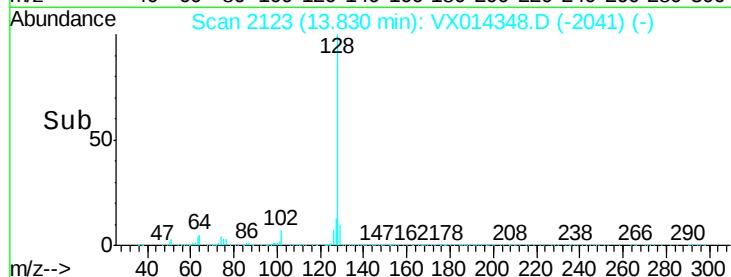
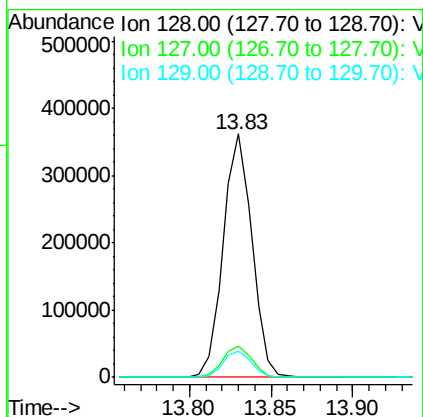
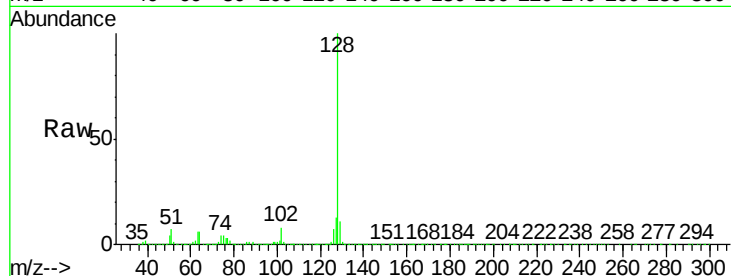
#91
Naphthalene
Concen: 20.882 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.703 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014348.D
Acq: 30 Dec 2019 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	192.8
145	29.8	0.0	60.0

