

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022120\
 Data File : VX014992.D
 Acq On : 21 Feb 2020 13:39
 Operator : JC/SP
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:29:15 AM

Quant Time: Feb 21 14:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	77685	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	408822	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	375093	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	152847	28.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.33%
60) 4-Bromofluorobenzene	11.13	95	173834	29.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.20%
63) Toluene-d8	8.71	98	493141	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	64664	18.640	ug/l 98
3) Chloromethane	1.32	50	88343	19.695	ug/l 96
4) Vinyl Chloride	1.40	62	93566	19.381	ug/l 100
5) Bromomethane	1.64	94	65356	19.332	ug/l 95
6) Chloroethane	1.72	64	62135	19.214	ug/l 99
7) Trichlorofluoromethane	1.93	101	137337	19.547	ug/l 97
8) Diethyl Ether	2.18	74	58042	19.638	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80466	19.809	ug/l 98
10) 1,1-Dichloroethene	2.37	96	79946	19.576	ug/l 96
11) Methyl Iodide	2.50	142	80210	16.165	ug/l 98
12) Methyl Acetate	2.76	43	100088	19.695	ug/l 100
13) Acrolein	2.28	56	89422	88.478	ug/l 100
14) Acrylonitrile	3.12	53	225915	98.438	ug/l 100
15) Acetone	2.42	58	65133	79.303	ug/l 100
16) Carbon Disulfide	2.56	76	208709	19.008	ug/l 100
17) Allyl chloride	2.72	41	135691	19.101	ug/l 98
18) Methylene Chloride	2.85	84	91280	19.400	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	86468	19.277	ug/l 99
20) Diisopropyl ether	3.84	45	279203	19.245	ug/l 98
21) 1,1-Dichloroethane	3.69	63	154683	19.450	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	99360	19.357	ug/l 98
23) tert-Butyl Alcohol	3.01	59	90608	99.598	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	267742	19.706	ug/l 99
25) Chloroform	5.20	83	155135	19.344	ug/l 95
26) Cyclohexane	5.57	56	139414	19.614	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	118628	20.515	ug/l 99
30) 2-Butanone	4.65	43	317218	95.041	ug/l 100
31) 2,2-Dichloropropane	4.57	77	125794	19.811	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	132257	20.140	ug/l 98
33) Carbon Tetrachloride	5.78	117	114577	19.932	ug/l 97
34) Benzene	6.13	78	354113	20.295	ug/l 97
35) Methacrylonitrile	5.03	41	67094	19.706	ug/l 94
36) 1,2-Dichloroethane	6.18	62	125436	20.310	ug/l 98
37) Trichloroethene	7.20	130	100775	20.570	ug/l 90
38) Methylcyclohexane	7.45	83	143619	20.037	ug/l 99
39) 1,2-Dichloropropane	7.50	63	90116	20.065	ug/l 97
40) Dibromomethane	7.65	93	61394	20.471	ug/l 97

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Quant Time: Feb 21 14:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	119854	20.231	ug/l	99
42) Vinyl Acetate	3.80	43	1197951	101.970	ug/l	99
43) Ethyl Acetate	4.81	43	123144	20.391	ug/l	100
44) Isopropyl Acetate	6.43	43	202518	19.948	ug/l	98
45) 1,4-Dioxane	7.73	88	39881	425.130	ug/l	99
46) Methyl methacrylate	7.76	41	98074	19.527	ug/l	97
47) n-amyl Acetate	10.89	43	172303	19.591	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	128814	19.598	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	146190	20.203	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	91123	20.394	ug/l	99
51) Ethyl methacrylate	9.17	69	137348	19.916	ug/l	99
52) 1,3-Dichloropropane	9.36	76	153000	20.242	ug/l	100
53) Dibromochloromethane	9.57	129	95691	19.809	ug/l	97
54) 1,2-Dibromoethane	9.67	107	95965	20.229	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	339985	92.550	ug/l	99
56) Bromoform	10.85	173	73595	19.434	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	627747	102.117	ug/l	100
59) 2-Hexanone	9.48	43	472156	98.302	ug/l	99
61) Tetrachloroethene	9.33	164	102494	20.344	ug/l	97
62) Toluene	8.78	91	386760	20.131	ug/l	100
64) Chlorobenzene	10.13	112	244471	19.935	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	93580	20.601	ug/l	98
66) Ethyl Benzene	10.25	91	427656	20.207	ug/l	100
67) m/p-Xylenes	10.35	106	329435	40.367	ug/l	100
68) o-Xylene	10.70	106	157859	19.991	ug/l	97
69) Styrene	10.71	104	269243	19.964	ug/l	100
70) Isopropylbenzene	11.01	105	428002	20.405	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	136746	20.248	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	131987m	20.971	ug/l	
73) Bromobenzene	11.25	156	115225	20.330	ug/l	99
74) n-propylbenzene	11.35	91	481429	20.166	ug/l	100
75) 2-Chlorotoluene	11.42	91	286853	20.333	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	356999	20.309	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	42804	18.949	ug/l	98
78) 4-Chlorotoluene	11.51	91	328126	20.107	ug/l	100
79) tert-butylbenzene	11.76	119	341700	20.120	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	354577	20.289	ug/l	98
81) sec-Butylbenzene	11.94	105	409717	20.145	ug/l	98
82) p-Isopropyltoluene	12.06	119	379954	20.109	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	198954	20.025	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	202774	20.268	ug/l	100
85) n-Butylbenzene	12.38	91	328534	19.981	ug/l	100
86) Hexachloroethane	12.59	117	65321	19.126	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	198240	20.052	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28638	19.471	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	140092	19.705	ug/l	99
90) Hexachlorobutadiene	13.78	225	70130	19.862	ug/l	97
91) Naphthalene	13.83	128	388428	19.298	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	138471	19.617	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
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ClientSampleId :
VX0221WBS01

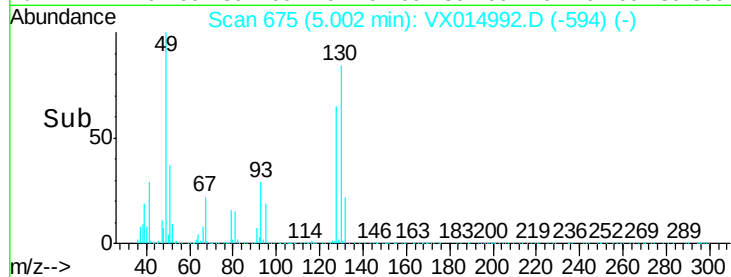
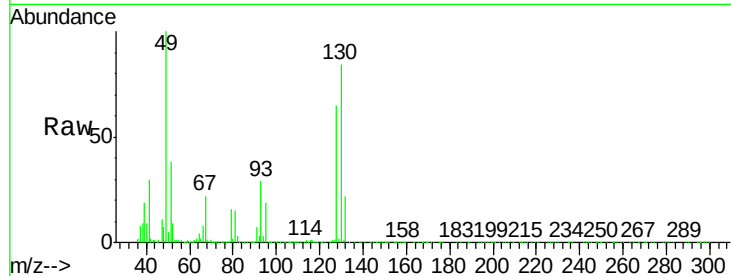
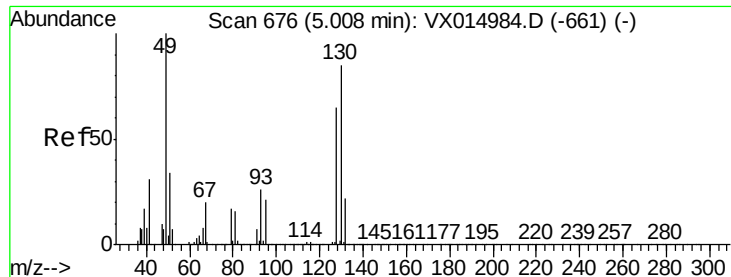
Manual Integrations
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QLast Update : Fri Feb 21 11:08:45 2020
Response via : Initial Calibration

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



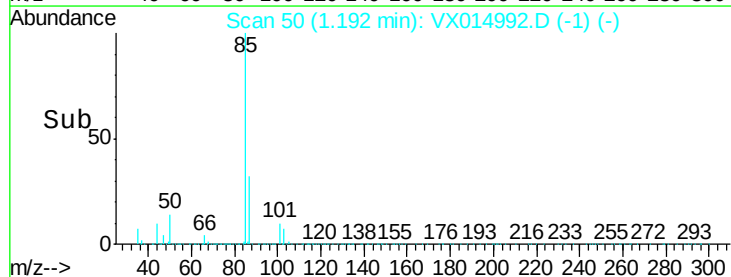
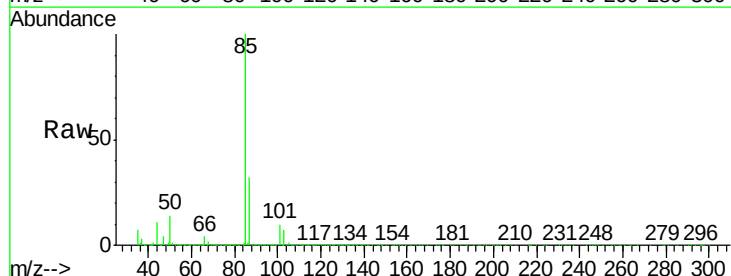
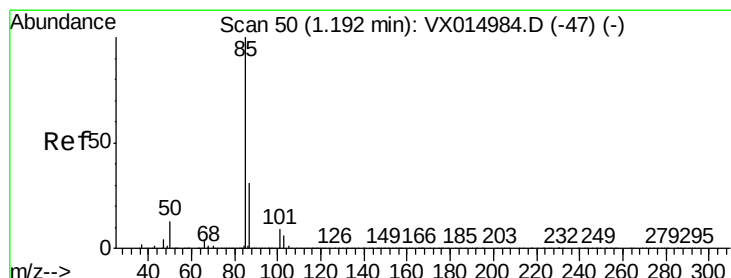
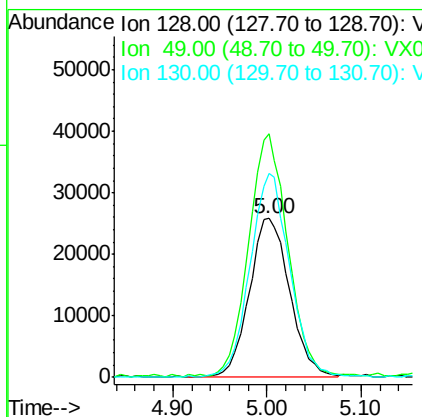
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tot Ion	Ratio	Lower	Upper
128	100		
49	146.8	0.0	384.7
130	125.7	0.0	330.8

Instrument :
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ClientSampleId :
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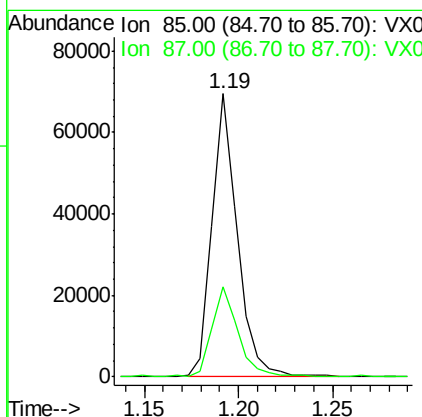
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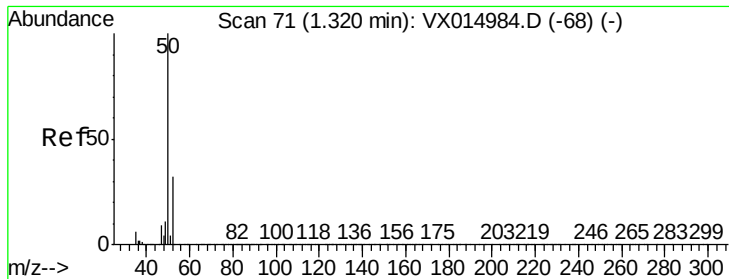
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#2
Dichlorodifluoromethane
Concen: 18.640 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.3	45.9





#3

Chloromethane

Concen: 19.695 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 50 Resp: 88343

Ion Ratio Lower Upper

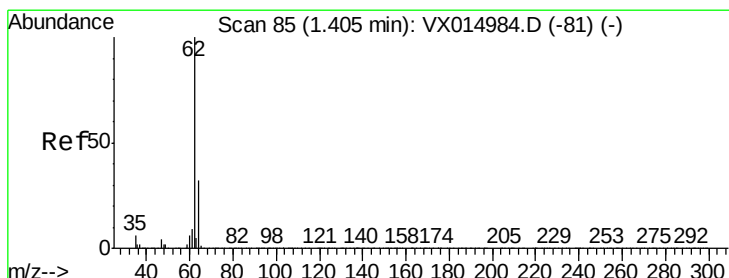
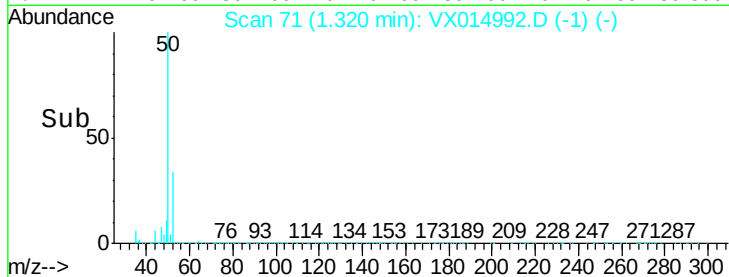
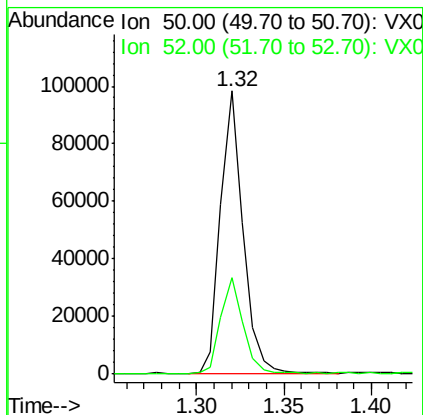
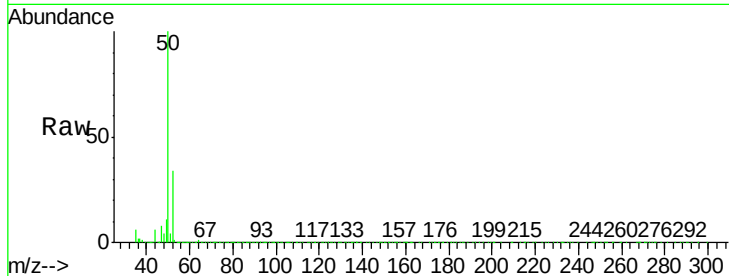
50 100

52 33.9 25.4 38.0

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#4

Vinyl Chloride

Concen: 19.381 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014992.D

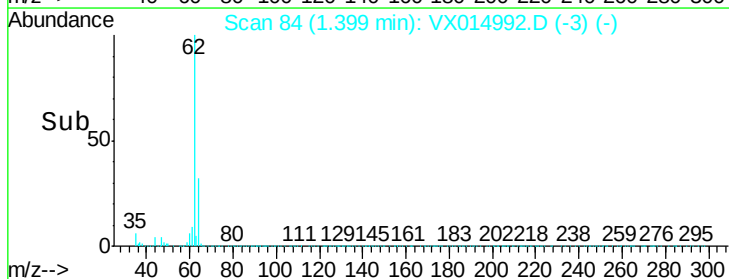
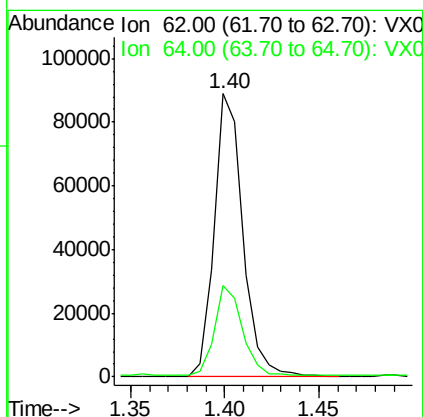
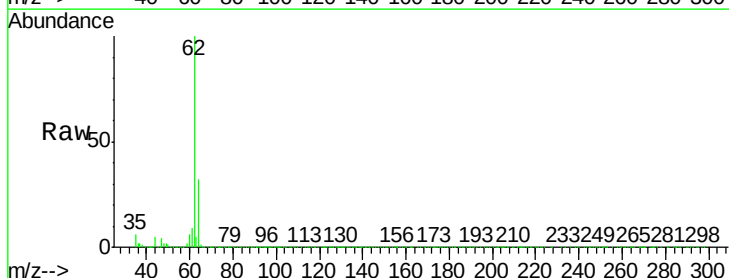
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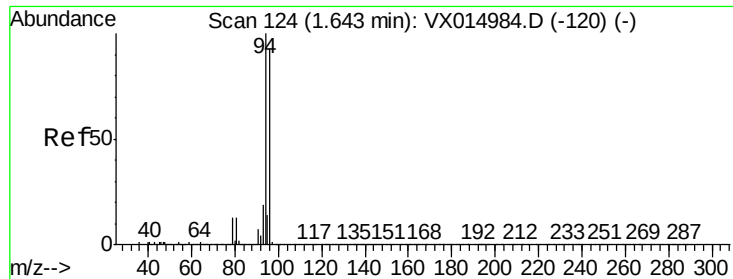
Tgt Ion: 62 Resp: 93566

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 19.332 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 94 Resp: 65356

Ion Ratio Lower Upper

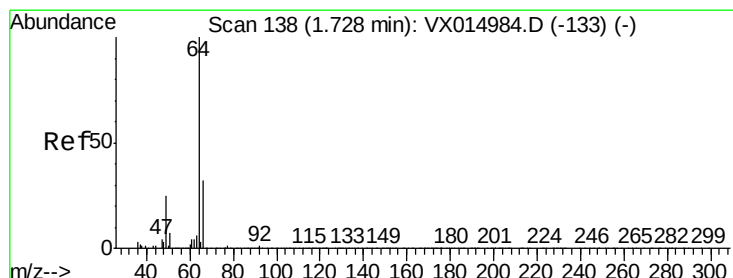
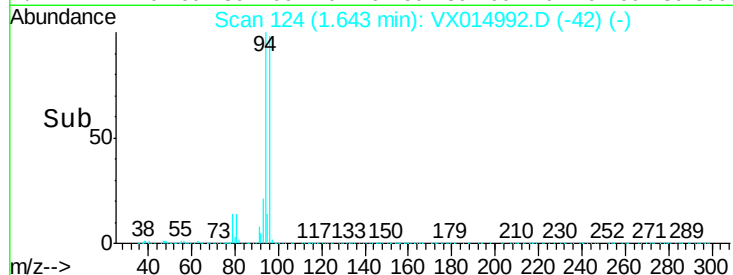
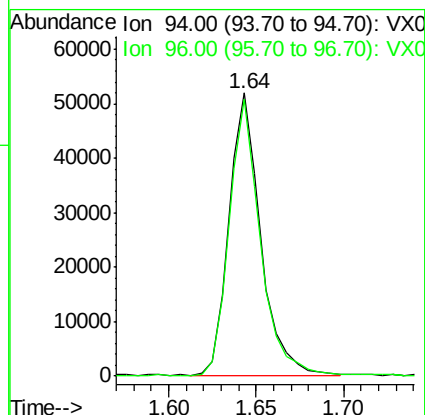
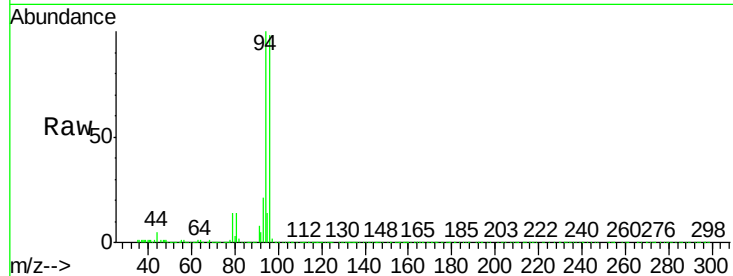
94 100

96 98.0 74.6 112.0

Manual Integrations
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#6

Chloroethane

Concen: 19.214 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014992.D

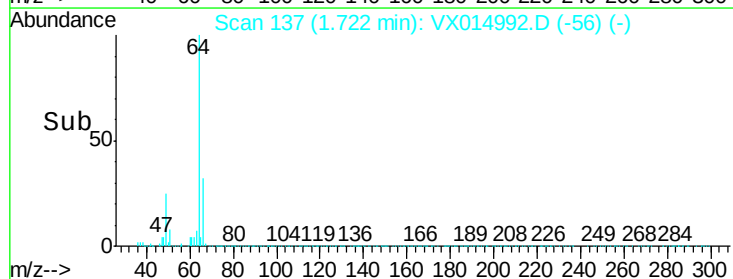
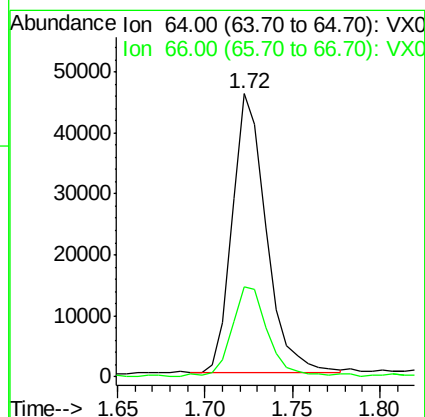
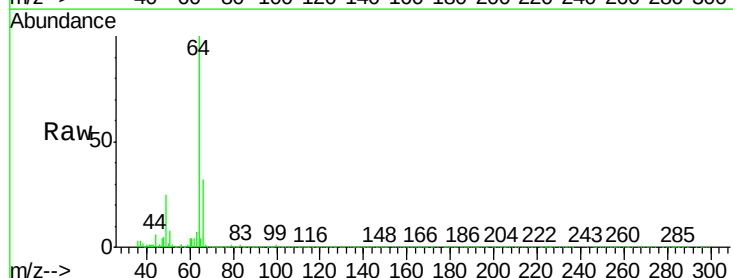
Acq: 21 Feb 2020 13:39

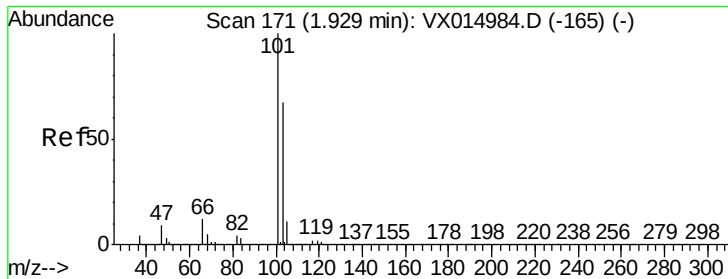
Tgt Ion: 64 Resp: 62135

Ion Ratio Lower Upper

64 100

66 31.4 25.8 38.6





#7

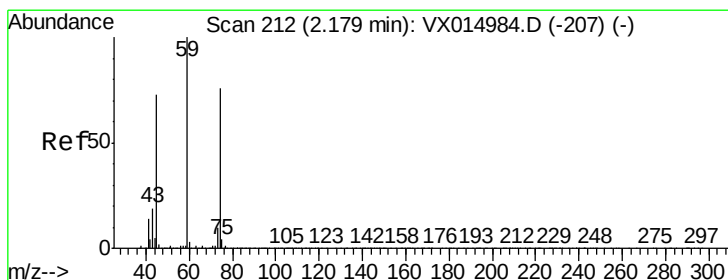
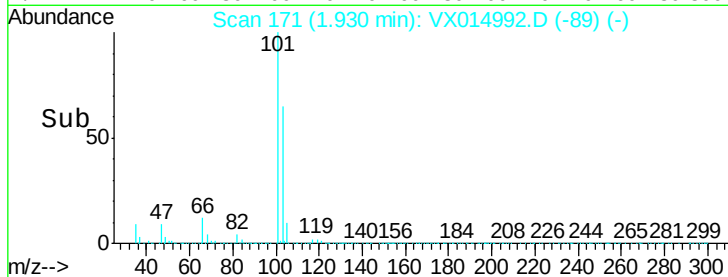
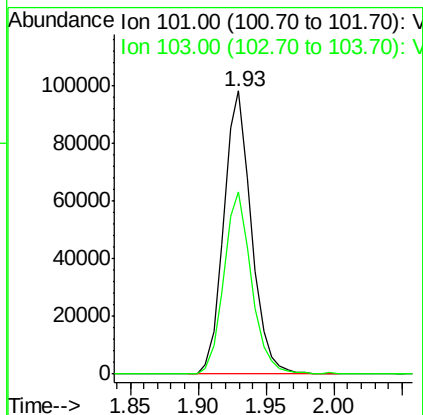
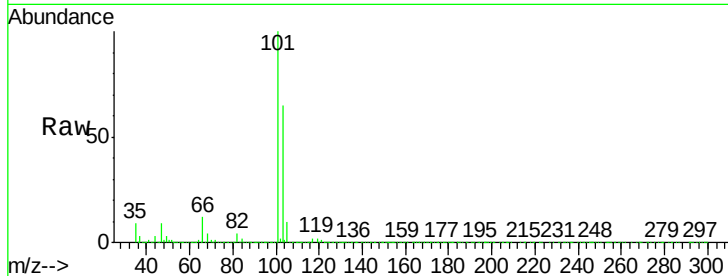
Trichlorofluoromethane
Concen: 19.547 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
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ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.4	80.2

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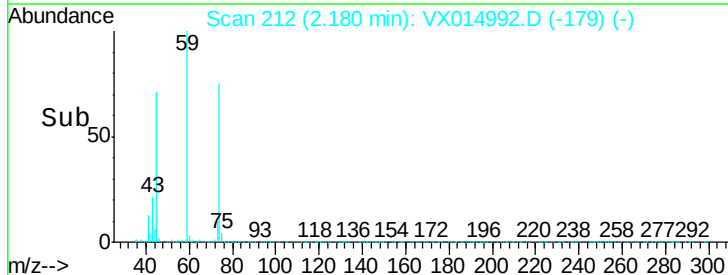
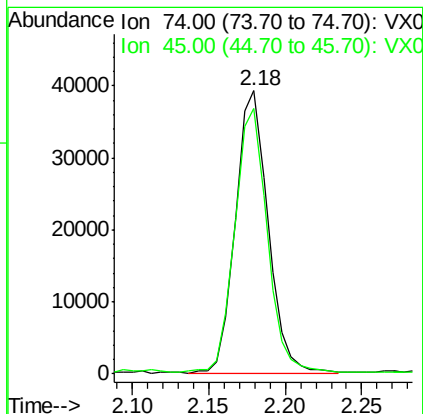
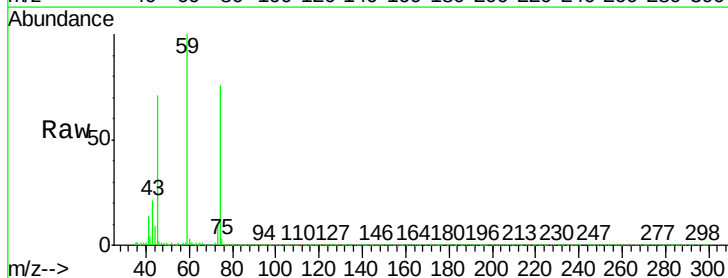
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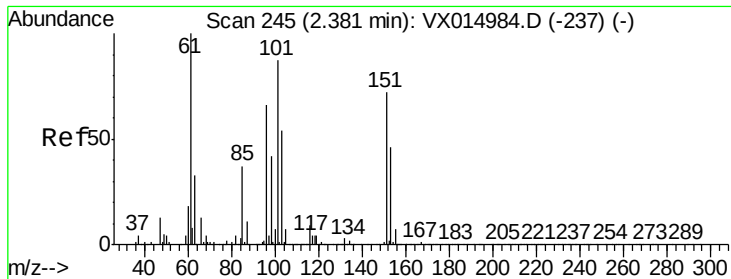


#8

Diethyl Ether
Concen: 19.638 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.809 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

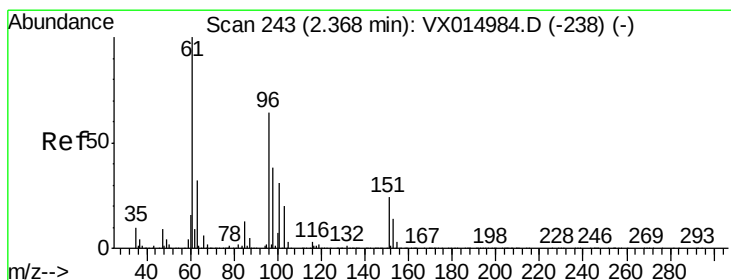
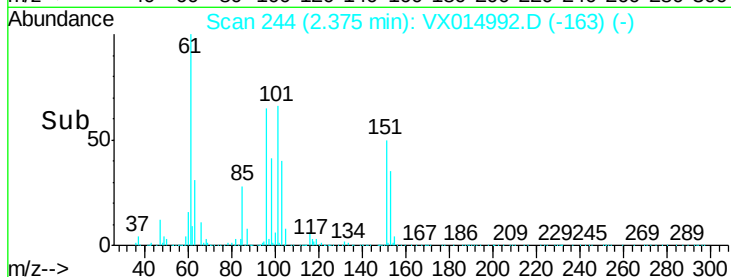
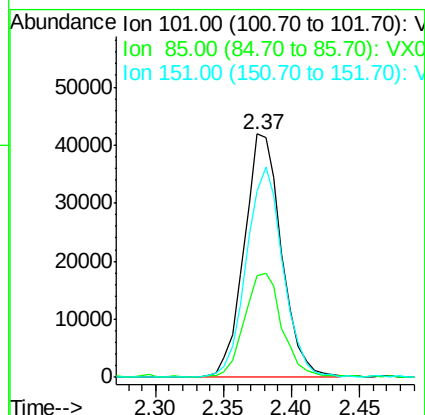
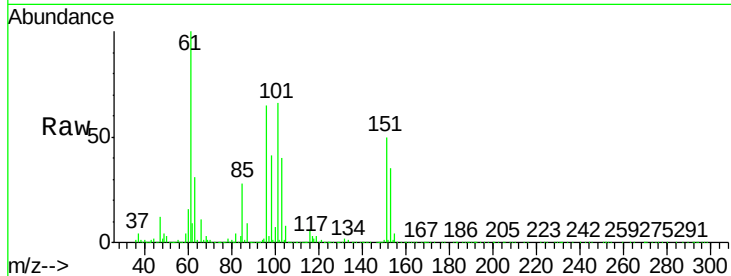
ClientSampled :

VX0221WBS01

Tot Ion:	101	Resp:	80466
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	86.6
151	85.3	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 19.576 ug/l

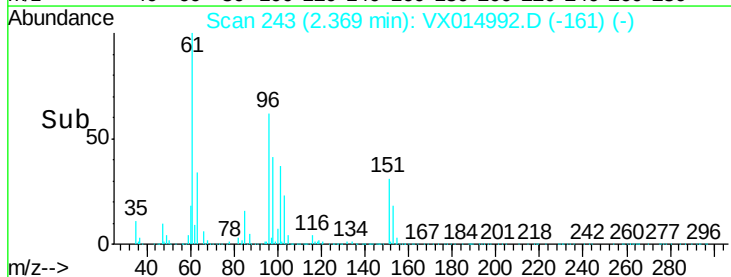
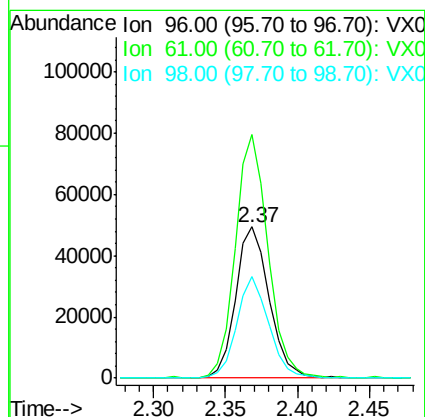
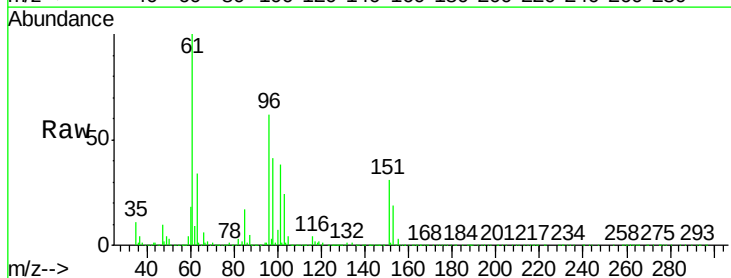
RT: 2.37 min Scan# 243

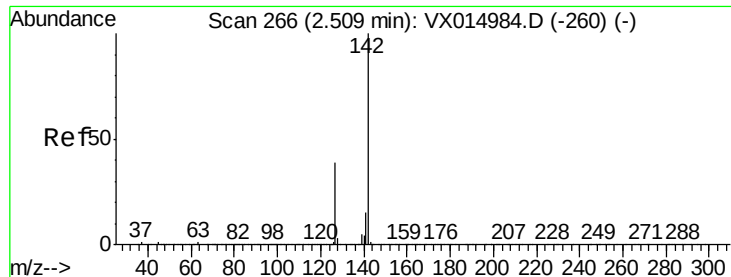
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	96	Resp:	79946
Ion Ratio	Lower	Upper	
96	100		
61	161.2	126.1	189.1
98	66.8	48.2	72.2





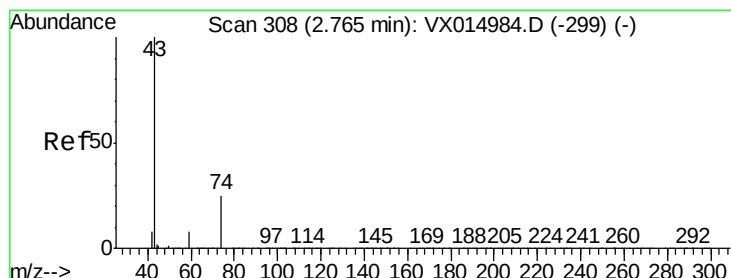
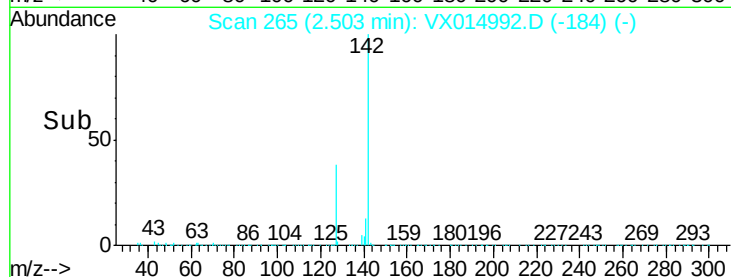
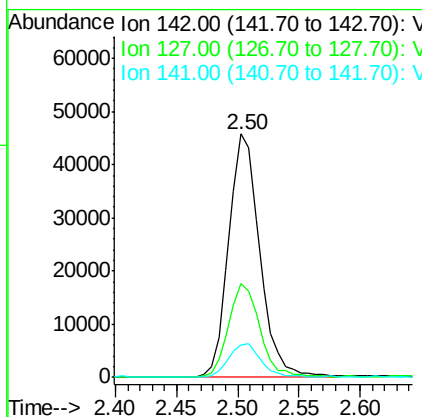
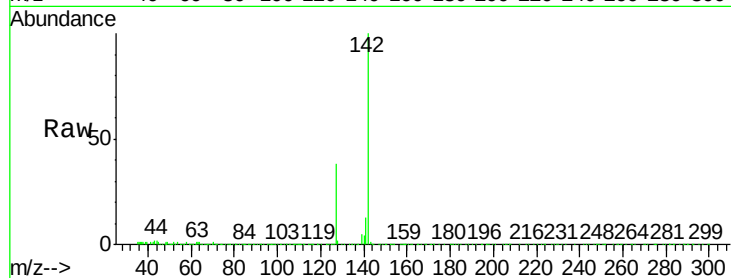
#11
Methyl Iodide
Concen: 16.165 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.2	19.7	59.0
141	13.1	7.4	22.2

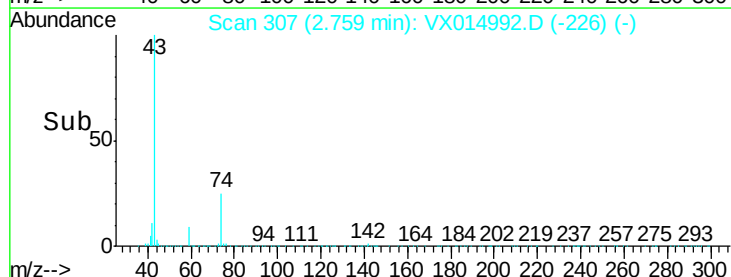
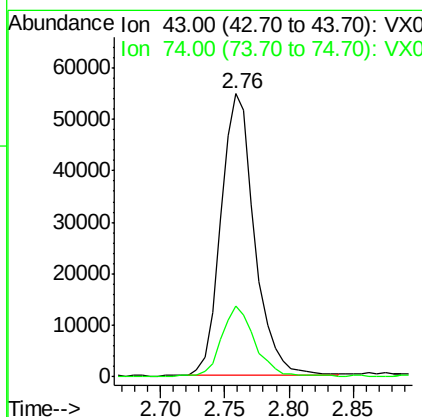
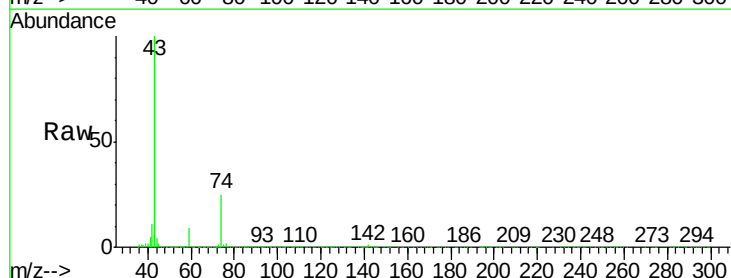
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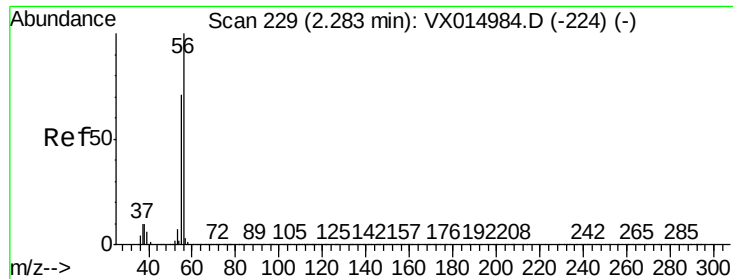
MMDadoda
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#12
Methyl Acetate
Concen: 19.695 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.8





#13

Acrolein

Concen: 88.478 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 56 Resp: 89422

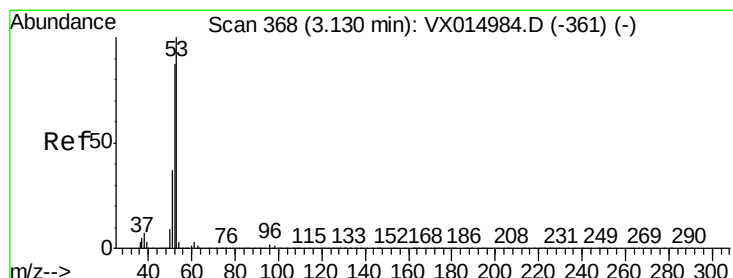
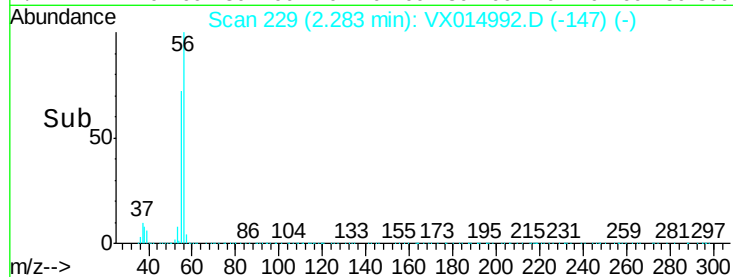
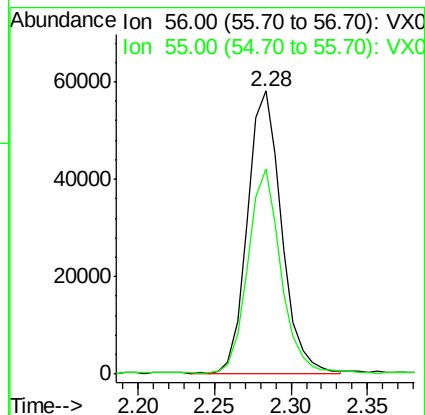
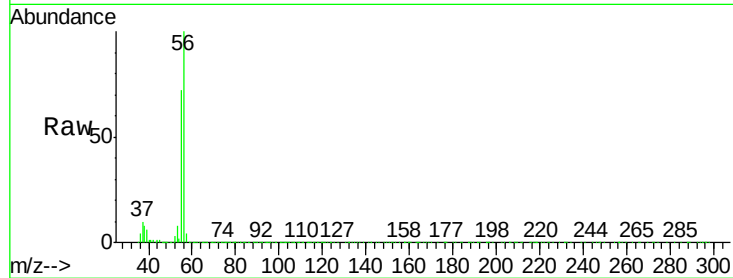
Ion Ratio Lower Upper

56 100

55 70.0 56.2 84.2

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#14

Acrylonitrile

Concen: 98.438 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

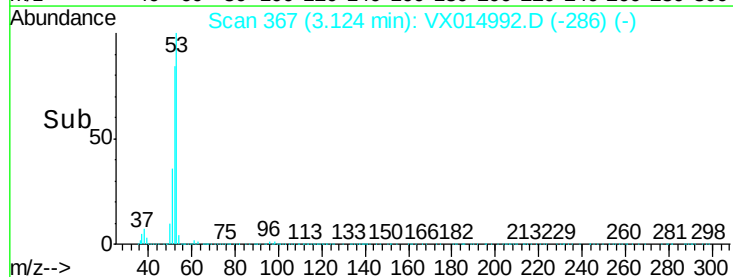
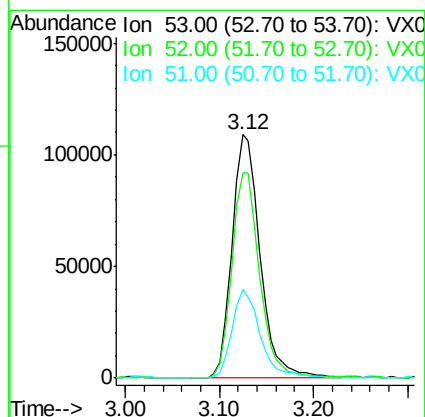
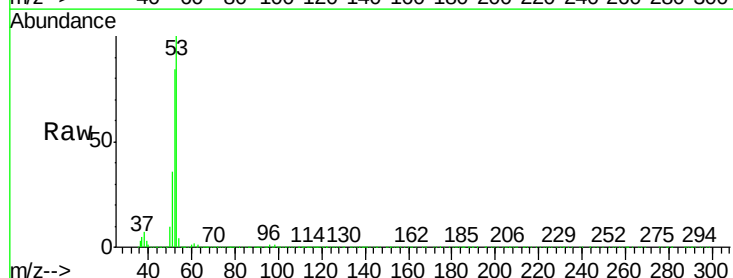
Tgt Ion: 53 Resp: 225915

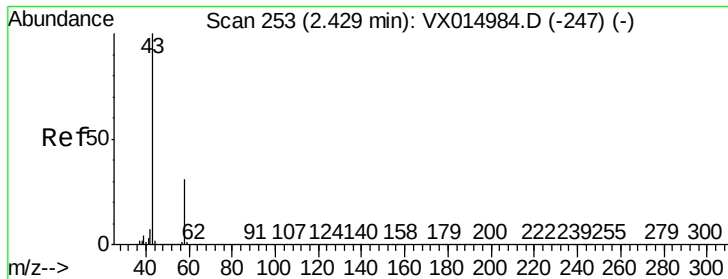
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 36.2 18.1 54.4





#15

Acetone

Concen: 79.303 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 58 Resp: 65133

Ion Ratio Lower Upper

58 100

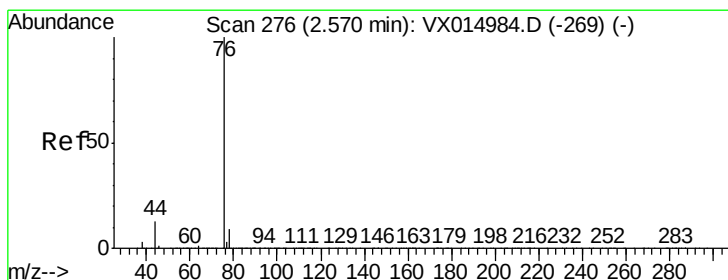
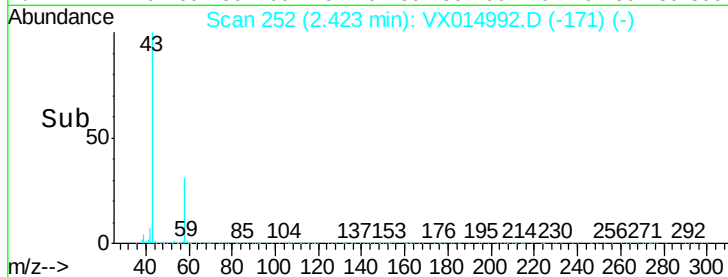
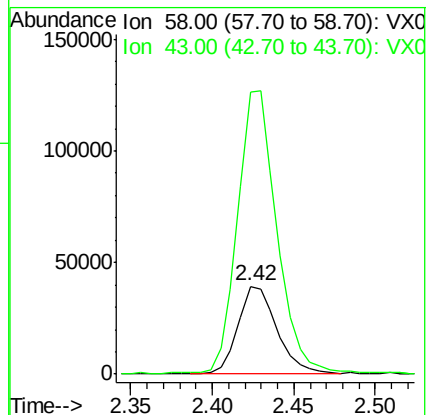
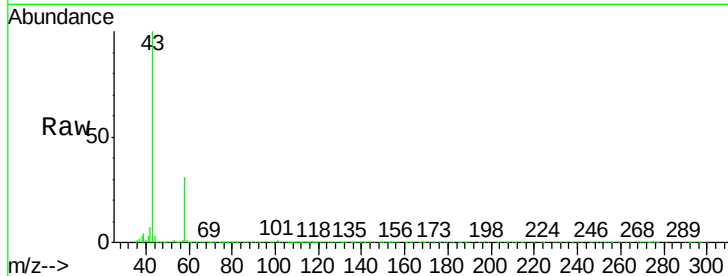
43 322.3 257.7 386.5

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#16

Carbon Disulfide

Concen: 19.008 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014992.D

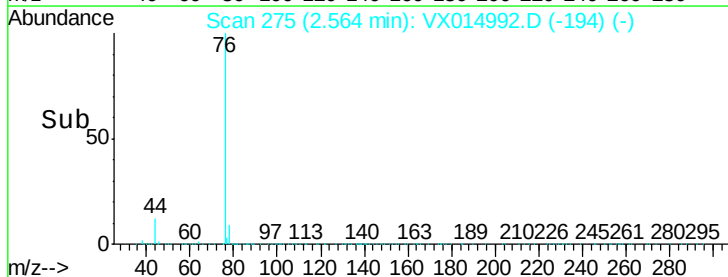
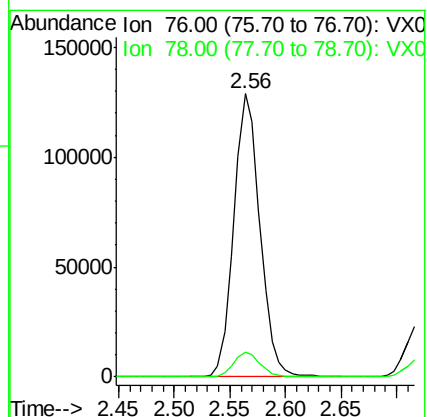
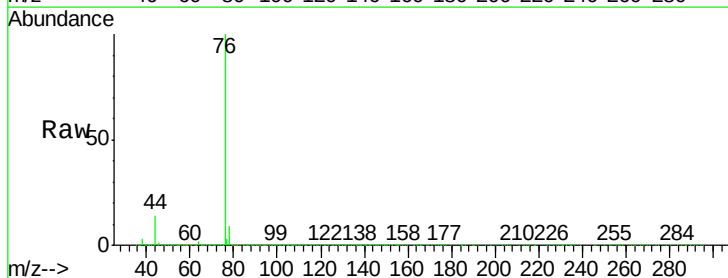
Acq: 21 Feb 2020 13:39

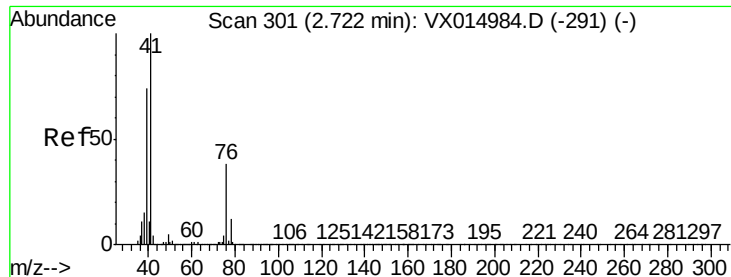
Tgt Ion: 76 Resp: 208709

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





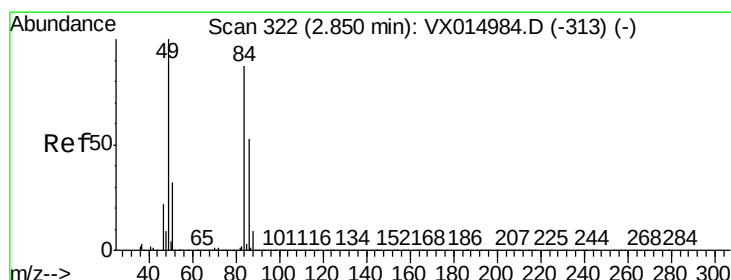
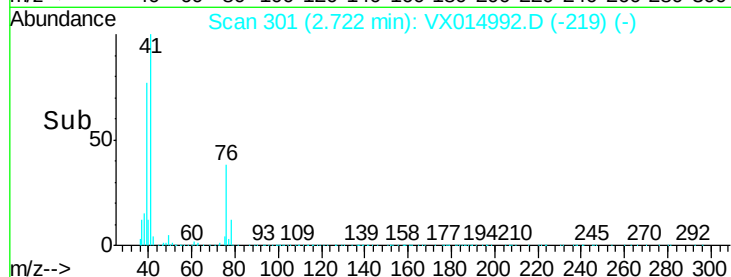
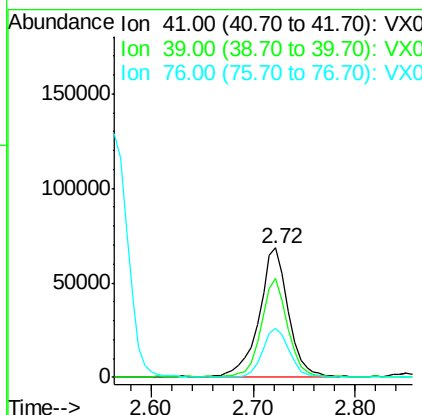
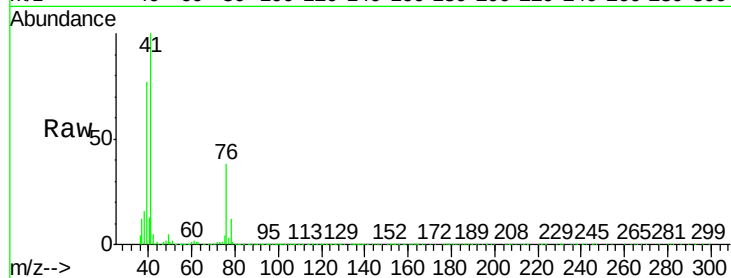
#17
Allvl chloride
Concen: 19.101 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	135691		
39	39	76.1	37.1	111.5	
76	76	37.8	18.8	56.4	

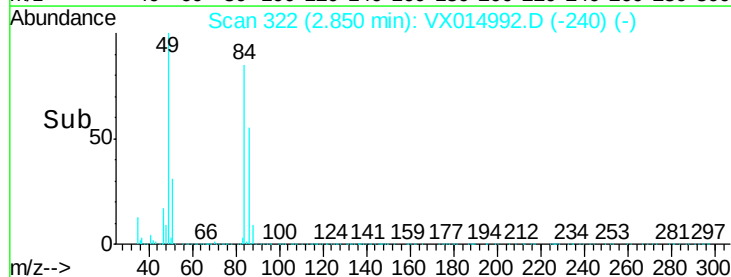
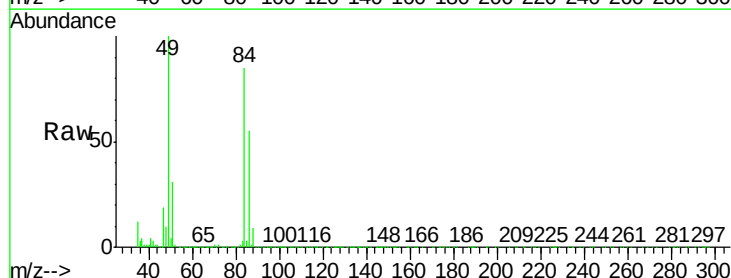
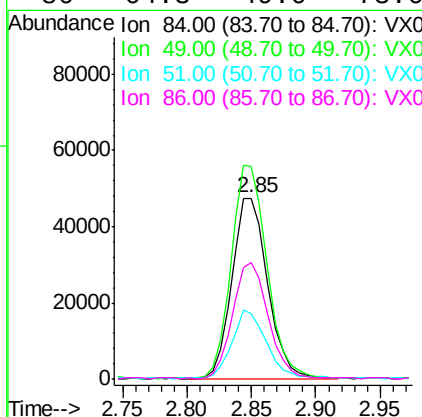
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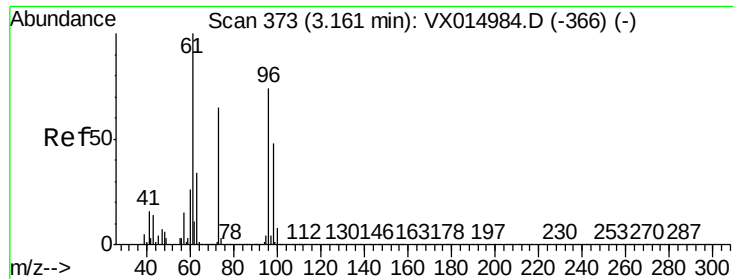
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#18
Methylene Chloride
Concen: 19.400 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	84	100	91280		
49	49	117.7	92.2	138.2	
51	51	35.7	29.7	44.5	
86	86	64.3	49.0	73.6	





#19

trans-1,2-Dichloroethene

Concen: 19.277 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

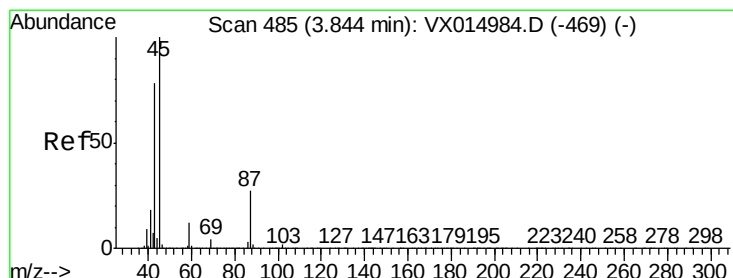
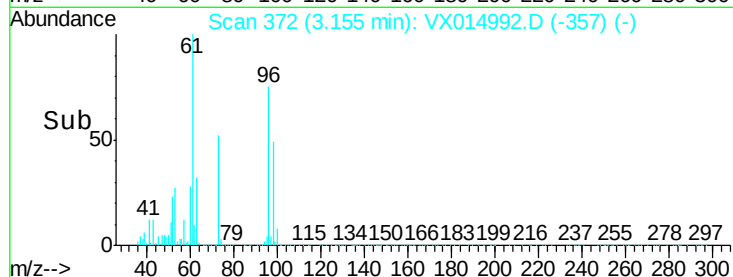
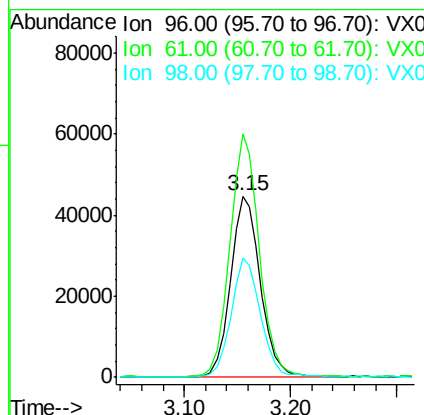
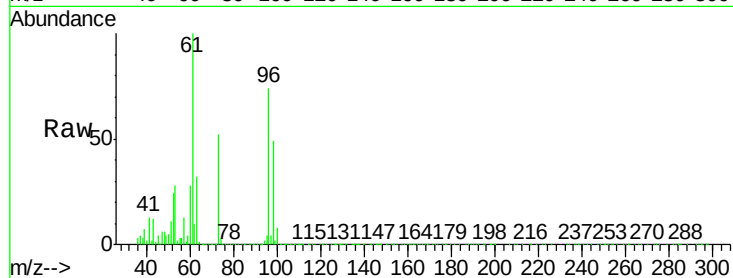
ClientSampleId :

VX0221WBS01

Tot Ion:	96	Resp:	86468
Ion	Ratio	Lower	Upper
96	100		
61	134.0	107.1	160.7
98	65.6	51.4	77.2

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#20

Diisopropyl ether

Concen: 19.245 ug/l

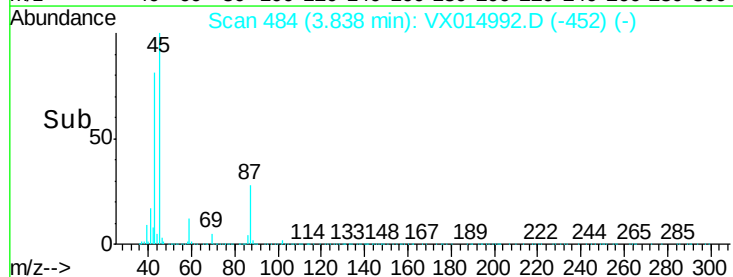
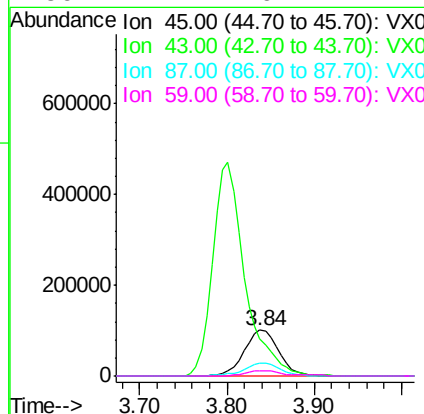
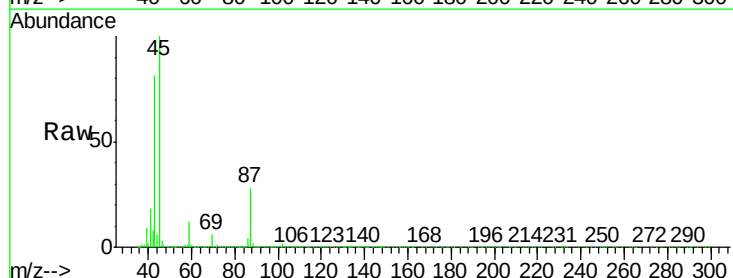
RT: 3.84 min Scan# 484

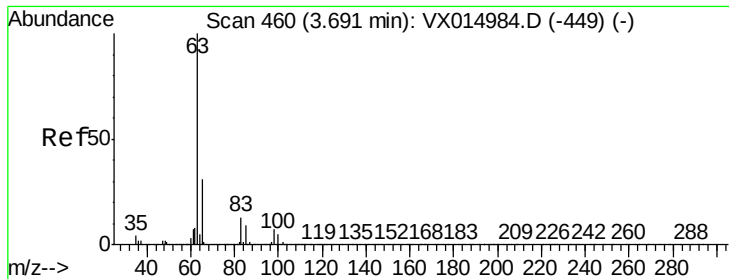
Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	45	Resp:	279203
Ion	Ratio	Lower	Upper
45	100		
43	80.1	62.3	93.5
87	28.1	21.8	32.6
59	11.7	9.4	14.2





#21

1,1-Dichloroethane

Concen: 19.450 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

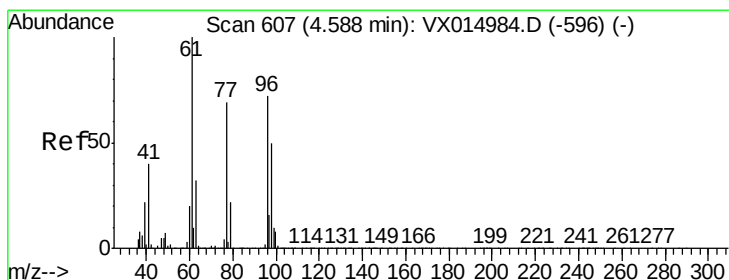
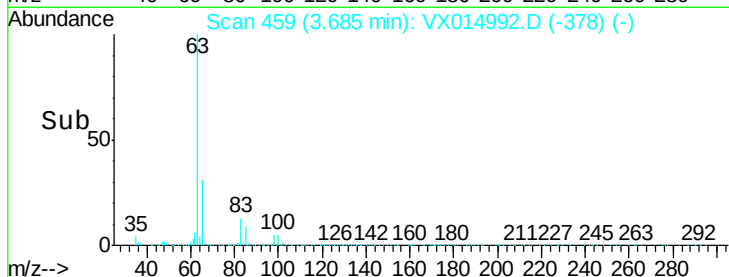
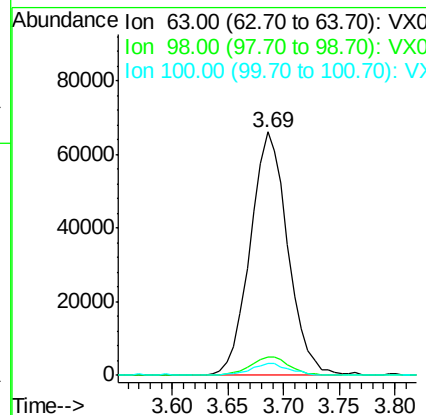
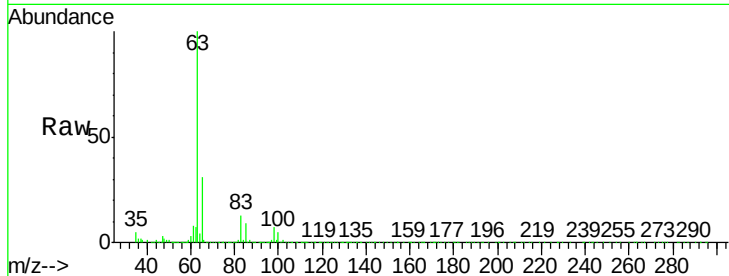
ClientSampleId :

VX0221WBS01

Tot Ion:	63	Resp:	154683
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.5	10.5
100	4.7	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 19.357 ug/l

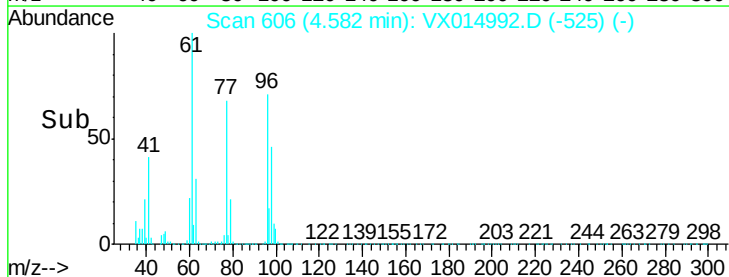
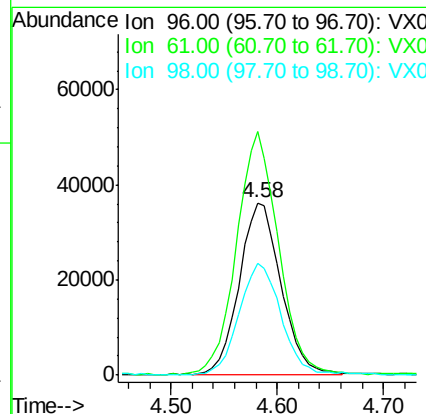
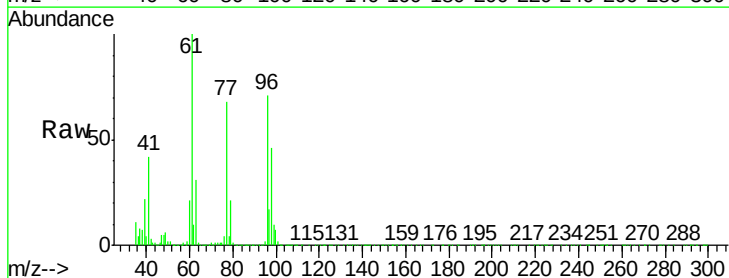
RT: 4.58 min Scan# 606

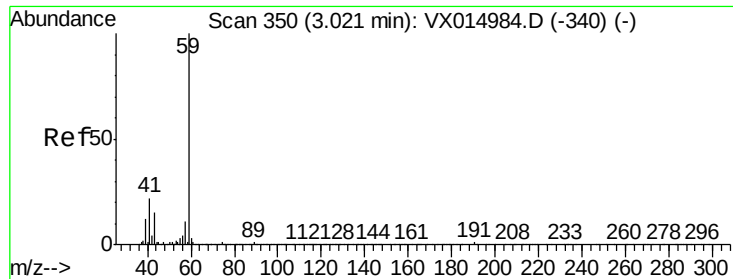
Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	96	Resp:	99360
Ion Ratio	Lower	Upper	
96	100		
61	140.3	110.6	165.8
98	64.1	50.4	75.6





#23

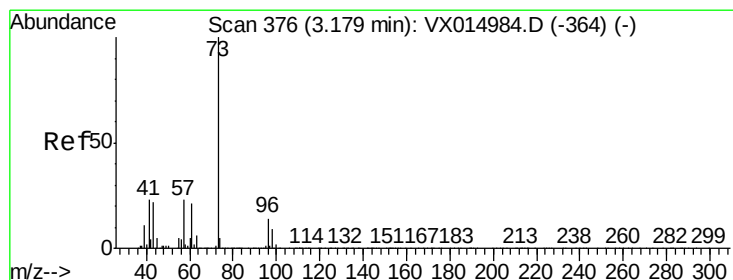
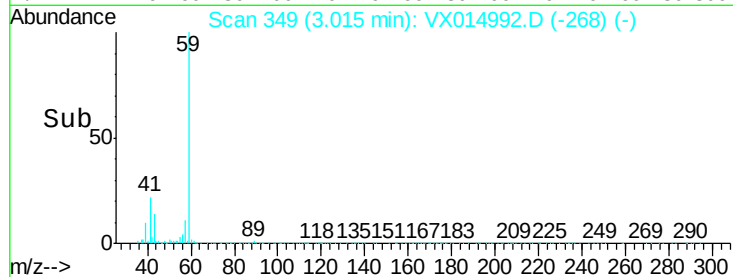
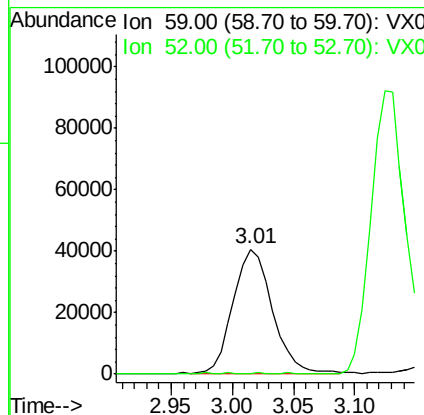
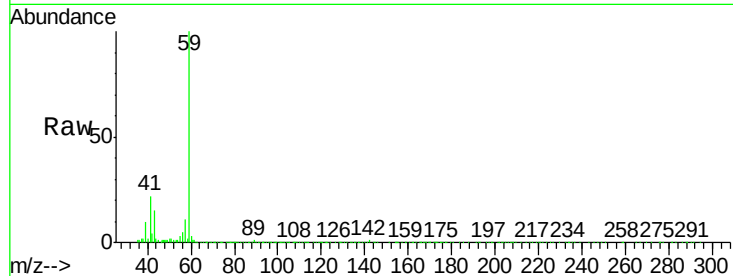
tert-Butyl Alcohol
Concen: 99.598 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion: 59 Resp: 90608
Ion Ratio Lower Upper
59 100
52 0.4 0.4 0.6#

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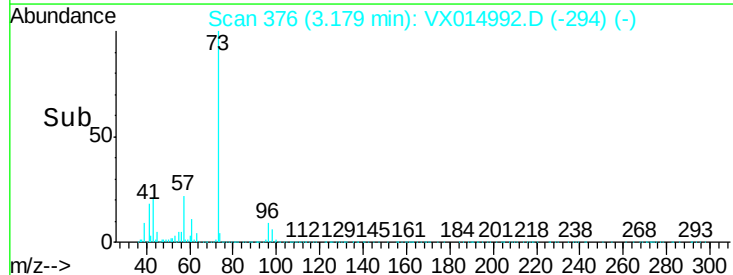
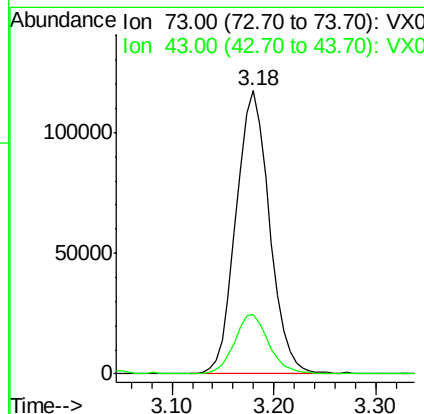
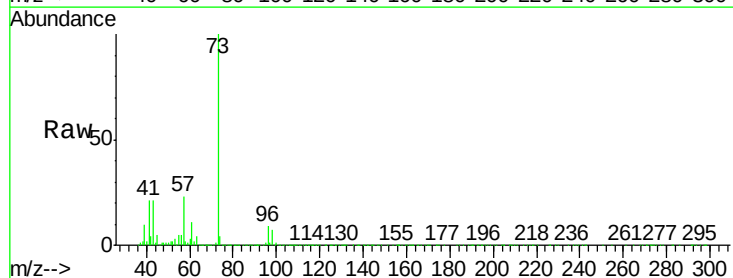
MMDadoda
2/24/2020 11:29:15 AM

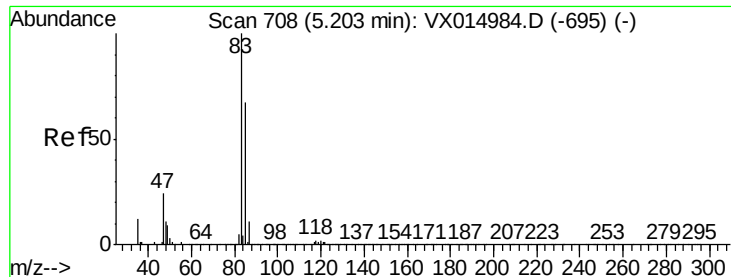


#24

Methyl tert-Butyl Ether
Concen: 19.706 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion: 73 Resp: 267742
Ion Ratio Lower Upper
73 100
43 21.5 17.7 26.5





#25

Chloroform

Concen: 19.344 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 83 Resp: 155135

Ion Ratio Lower Upper

83 100

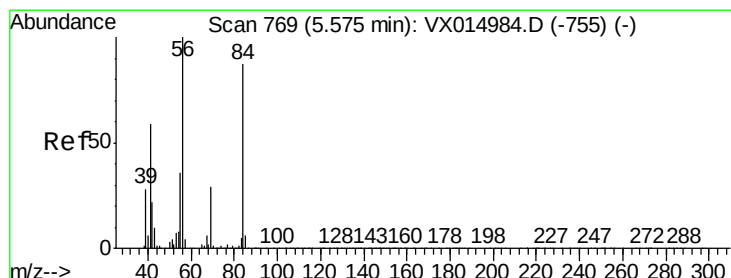
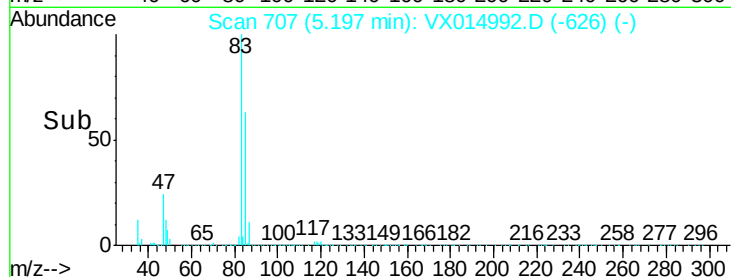
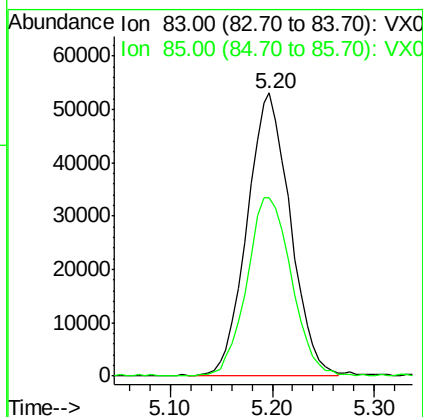
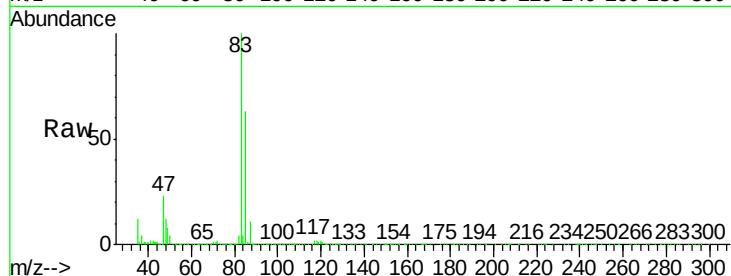
85 62.9 53.4 80.0

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#26

Cyclohexane

Concen: 19.614 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

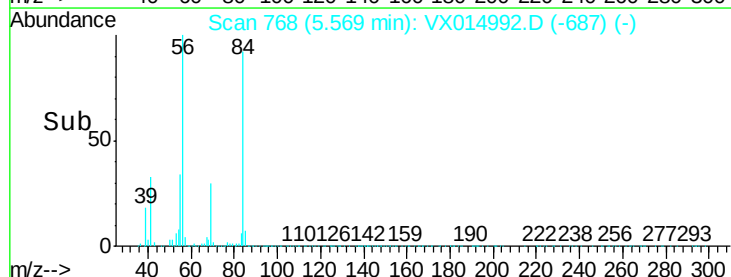
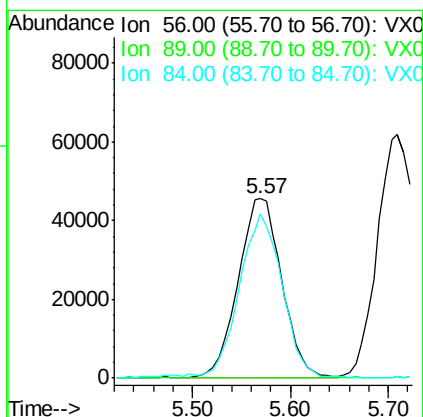
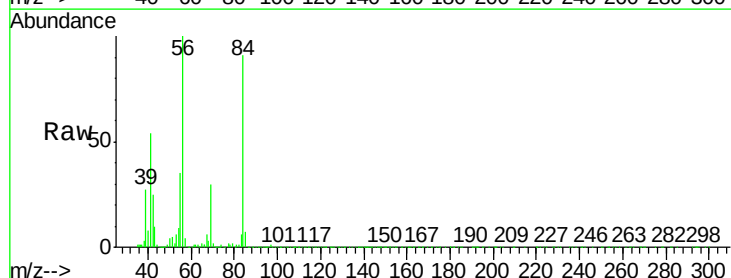
Tgt Ion: 56 Resp: 139414

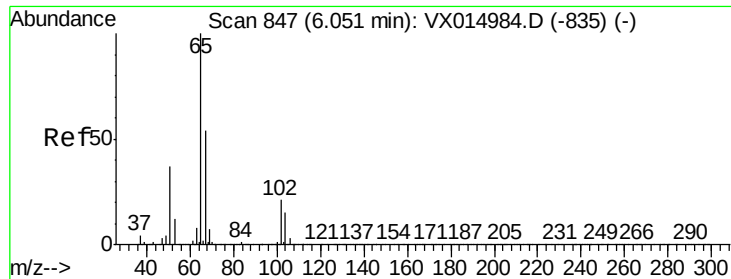
Ion Ratio Lower Upper

56 100

89 0.1 0.2 0.2#

84 88.2 71.8 107.8





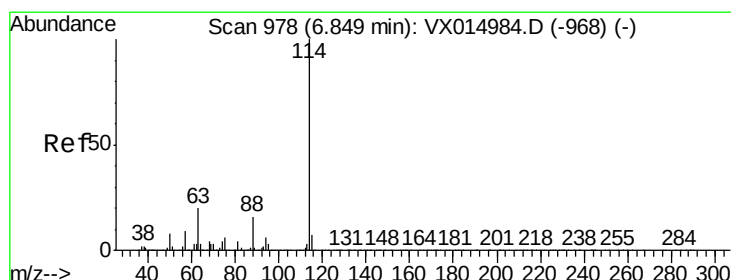
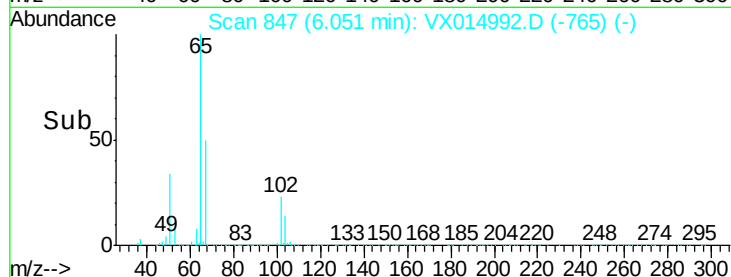
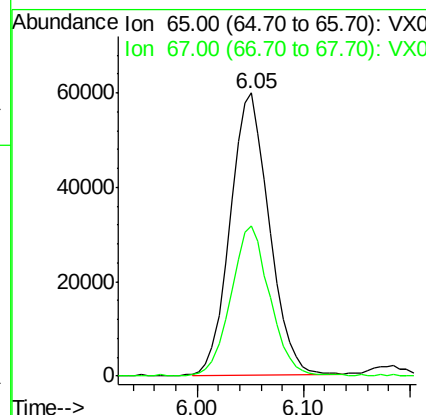
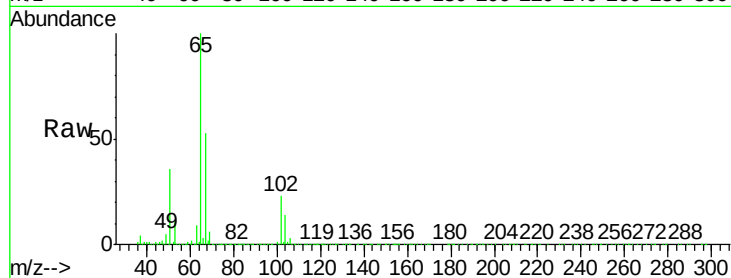
#27
 1,2-Dichloroethane-d4
 Concen: 28.295 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	41.9	62.9

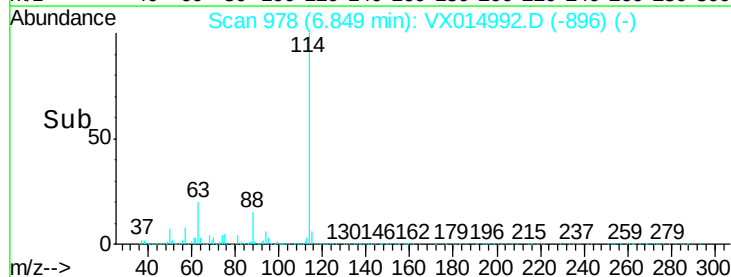
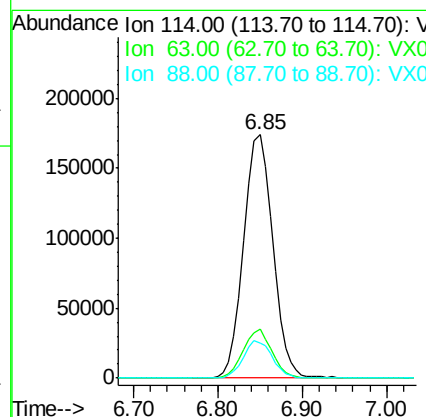
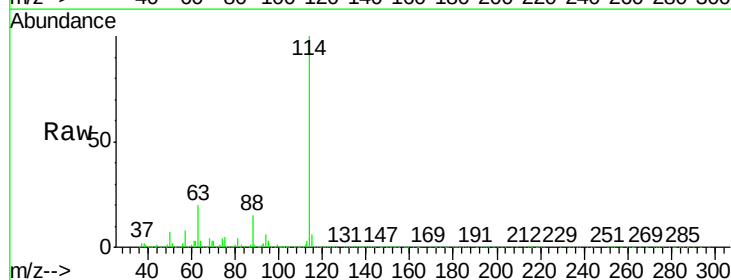
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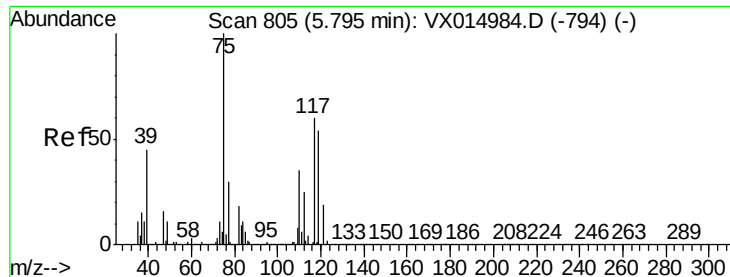
MMDadoda
 2/24/2020 11:29:15 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.6	23.4
88	15.2	12.2	18.2





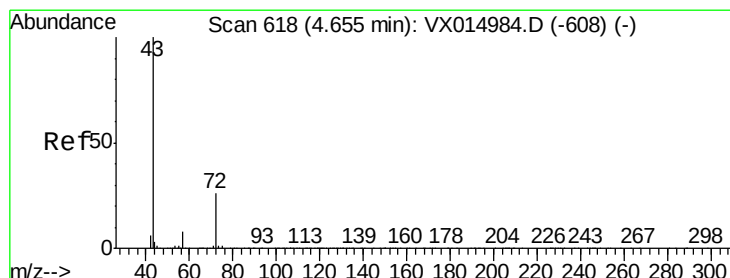
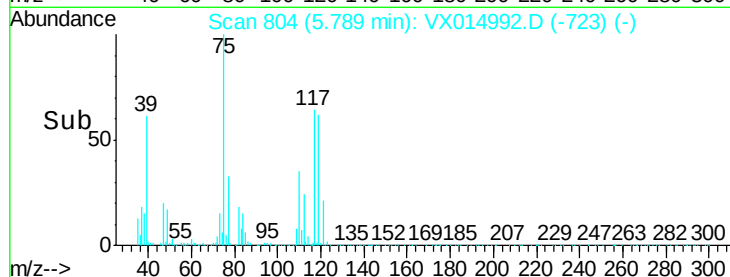
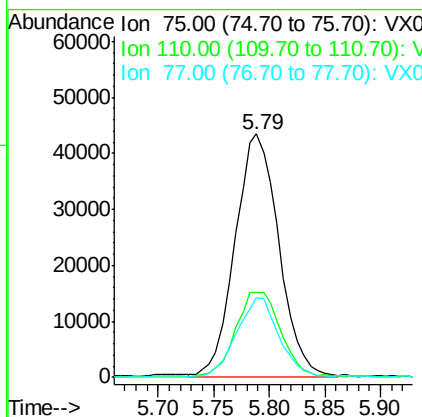
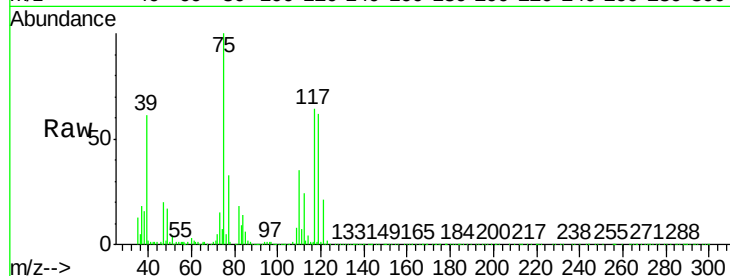
#29
1,1-Dichloropropene
Concen: 20.515 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.5	0.0	75.0
77	31.3	0.0	64.0

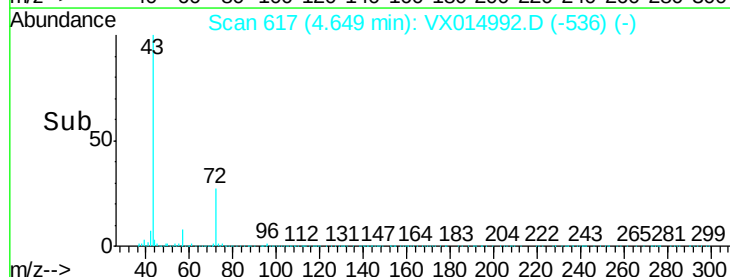
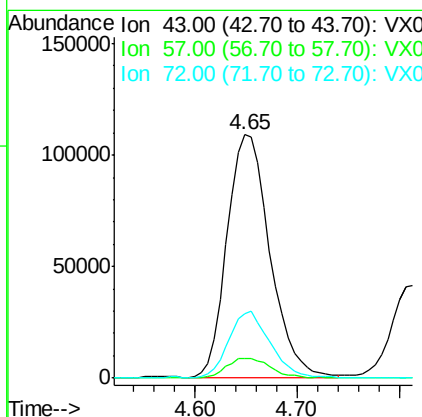
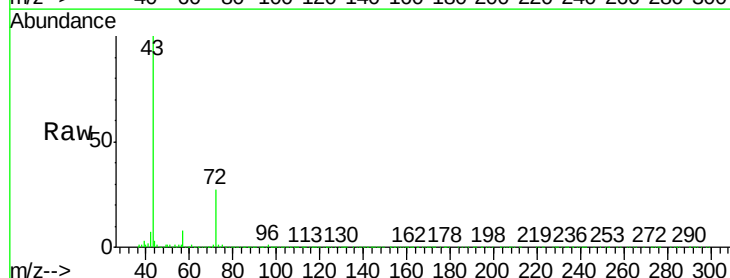
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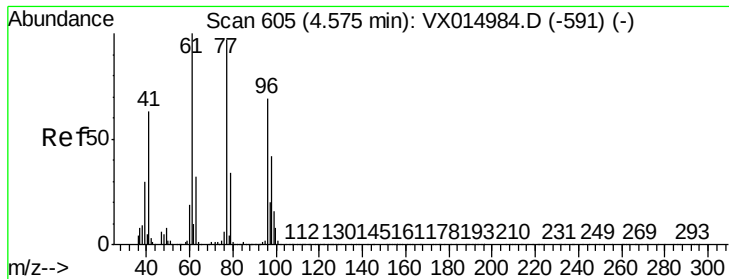
MMDadoda
2/24/2020 11:29:15 AM



#30
2-Butanone
Concen: 95.041 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	6.5	9.7
72	25.6	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.811 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 77 Resp: 125794

Ion Ratio Lower Upper

77 100

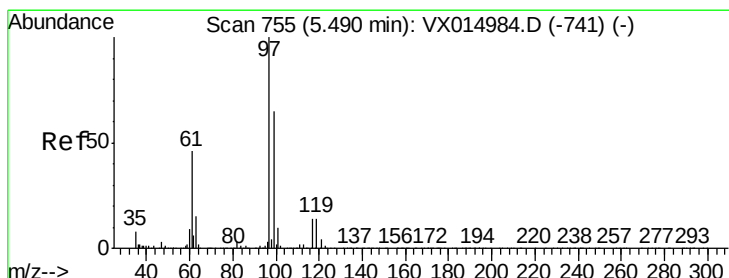
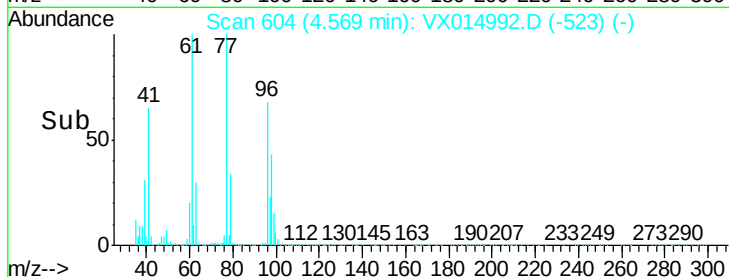
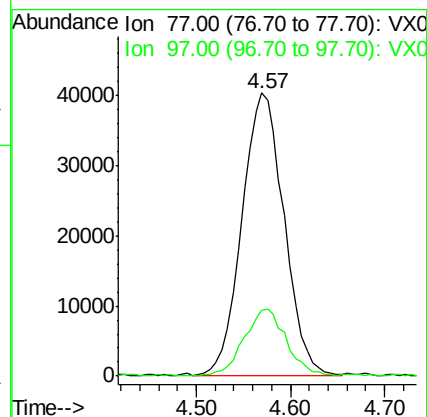
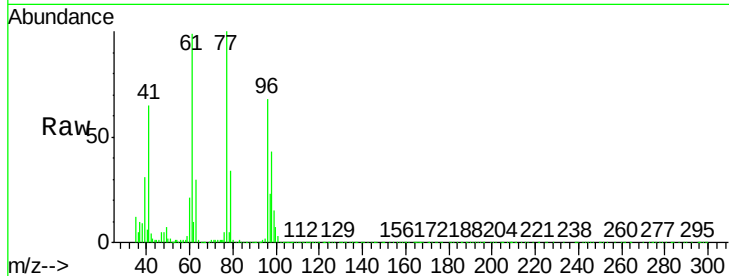
97 24.0 18.4 27.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.140 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

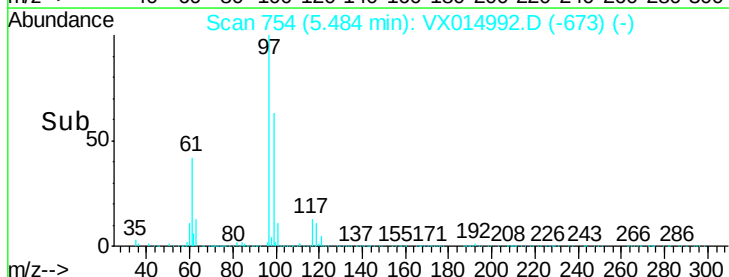
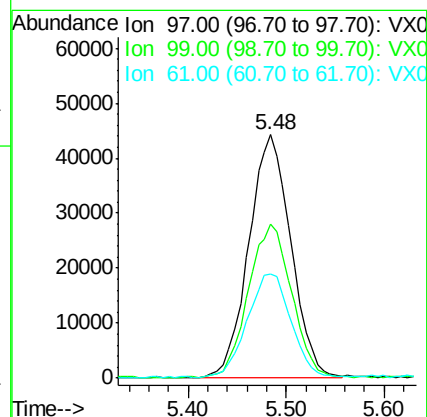
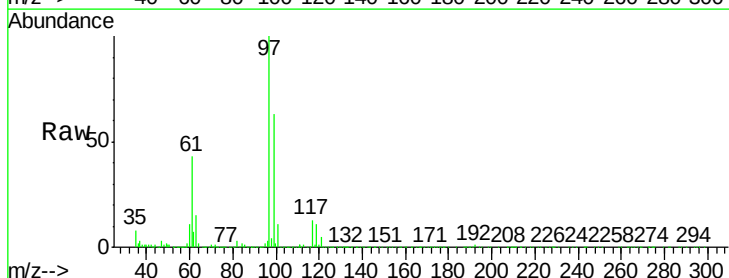
Tgt Ion: 97 Resp: 132257

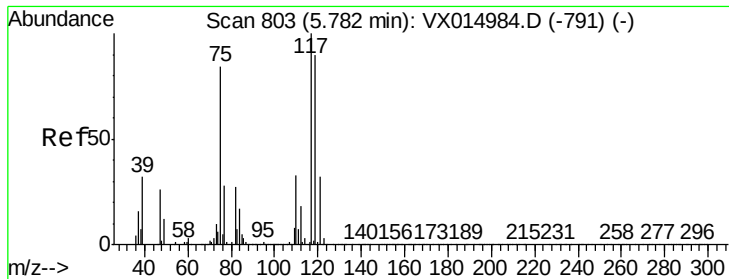
Ion Ratio Lower Upper

97 100

99 64.9 53.0 79.6

61 44.0 36.2 54.2





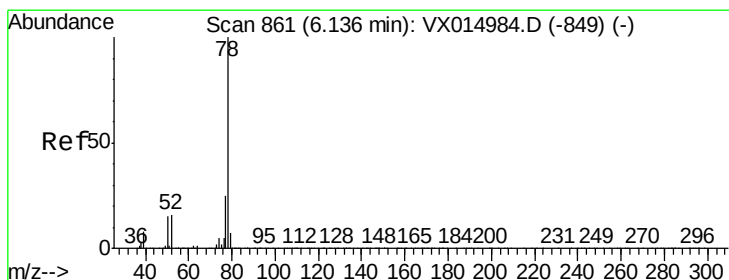
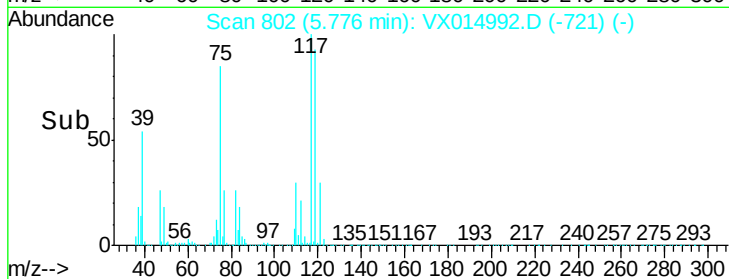
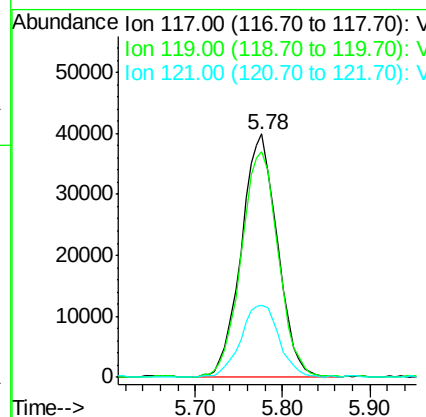
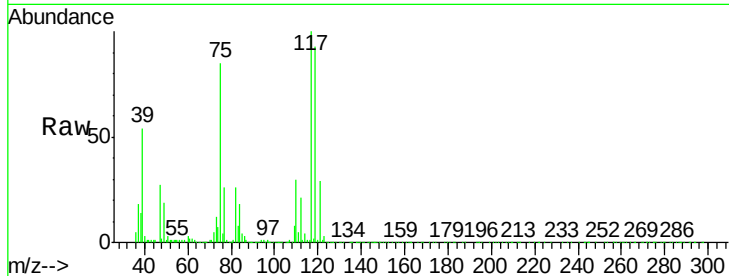
#33
Carbon Tetrachloride
Concen: 19.932 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.5	71.9	107.9
121	29.1	25.4	38.2

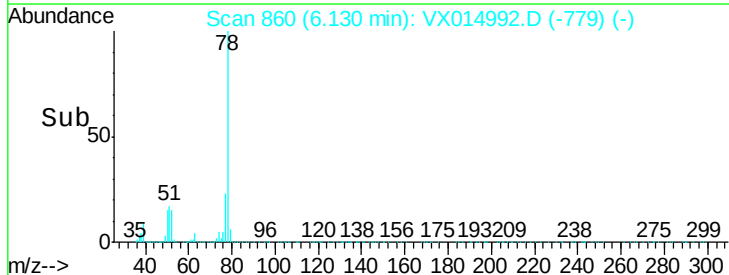
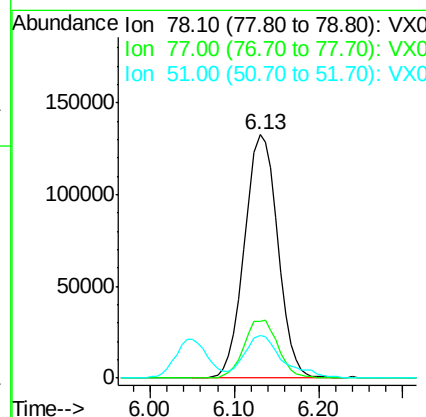
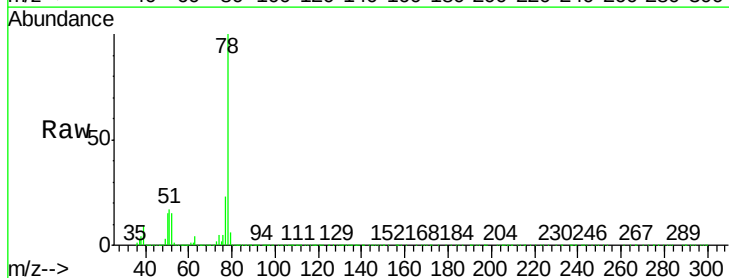
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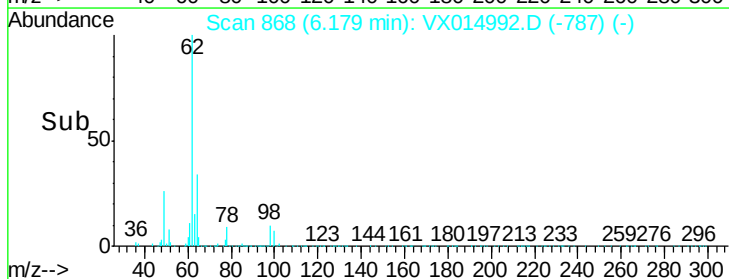
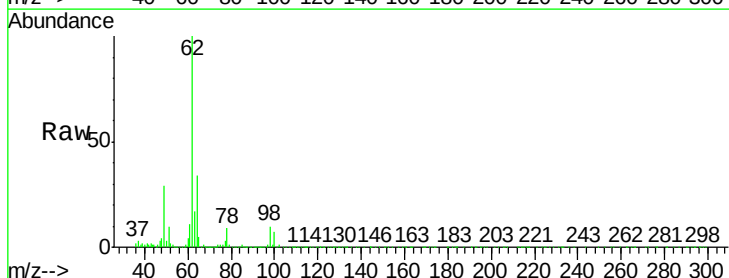
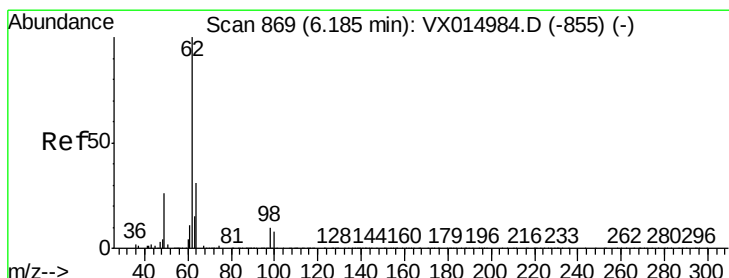
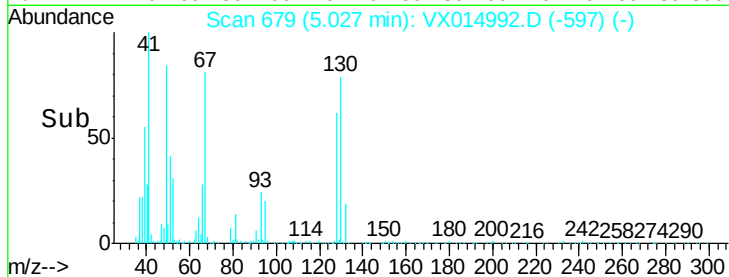
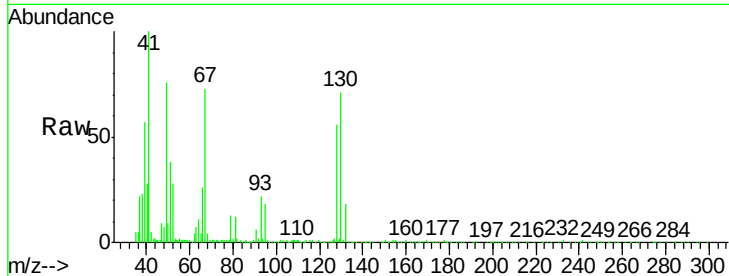
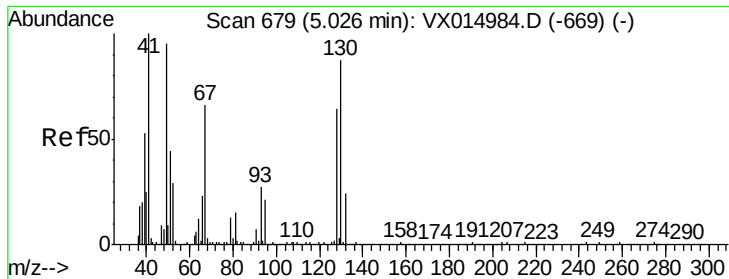
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#34
Benzene
Concen: 20.295 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

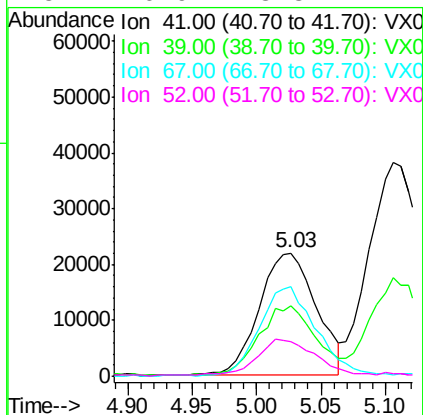
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	20.0	30.0
51	17.2	13.3	19.9





#35
Methacrylonitrile
Concen: 19.706 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	25.9	77.7	
67	72.5	32.7	98.1	
52	26.9	13.8	41.4	



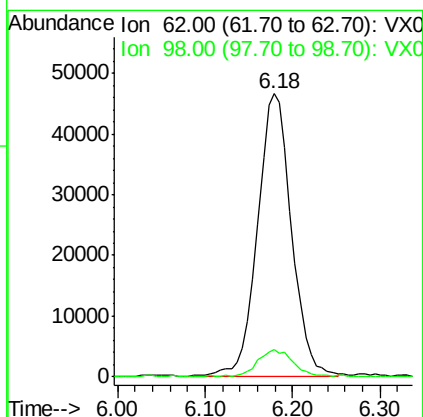
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

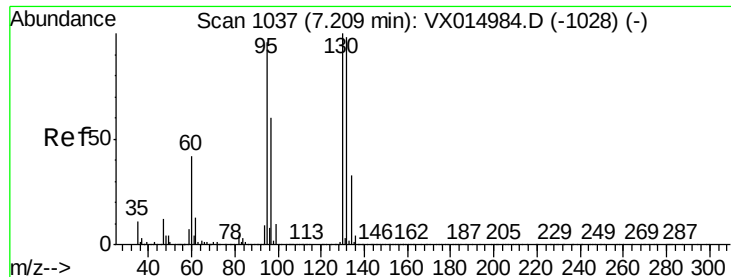
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#36
1,2-Dichloroethane
Concen: 20.310 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	7.5	11.3	





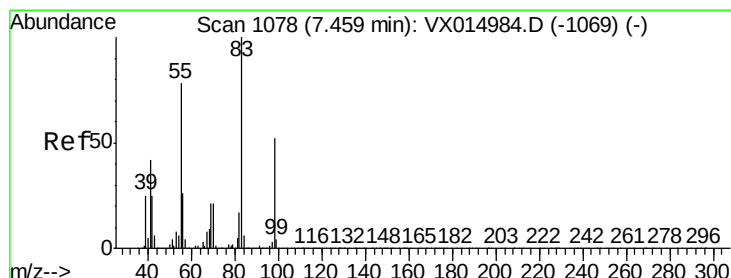
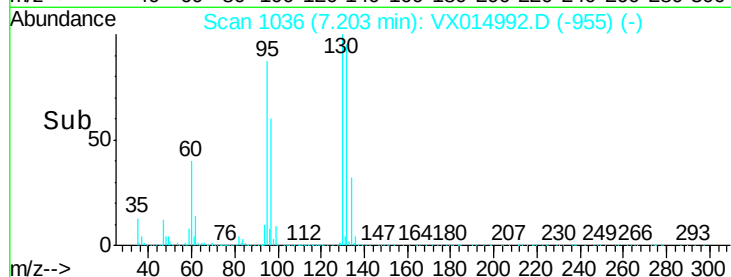
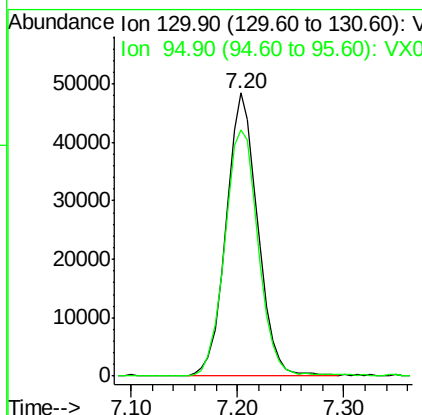
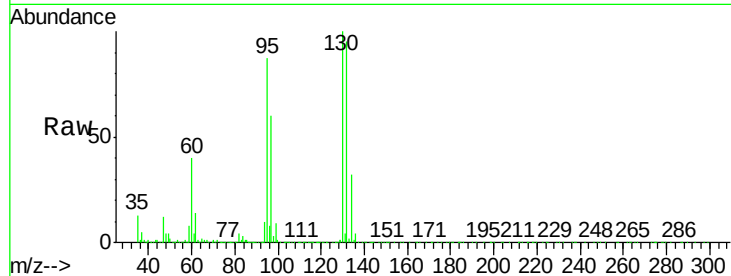
#37
 Trichloroethene
 Concen: 20.570 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion: 130 Resp: 100775
 Ion Ratio Lower Upper
 130 100
 95 86.7 77.1 115.7

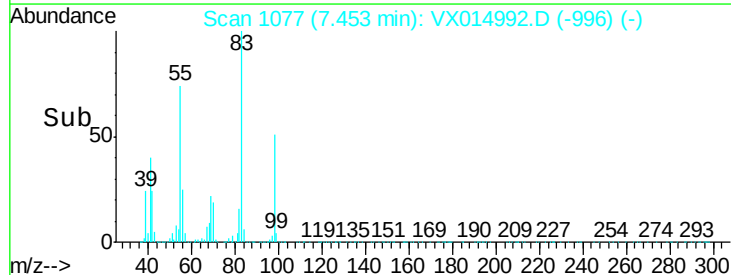
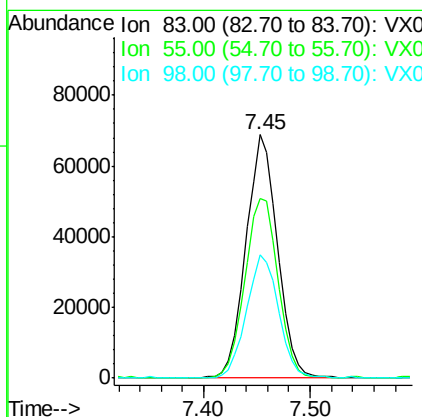
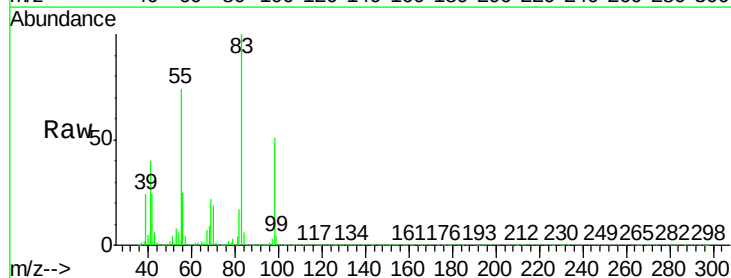
Manual Integrations
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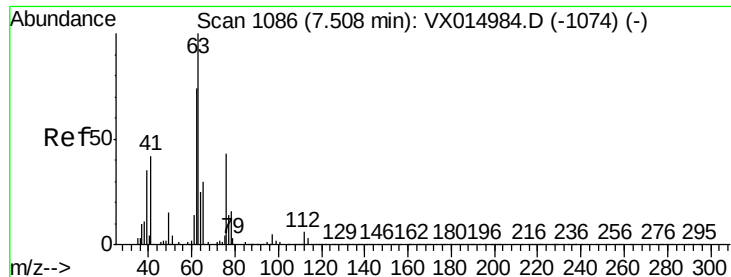
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#38
 Methylcyclohexane
 Concen: 20.037 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion: 83 Resp: 143619
 Ion Ratio Lower Upper
 83 100
 55 76.8 38.2 114.6
 98 52.0 25.3 75.8





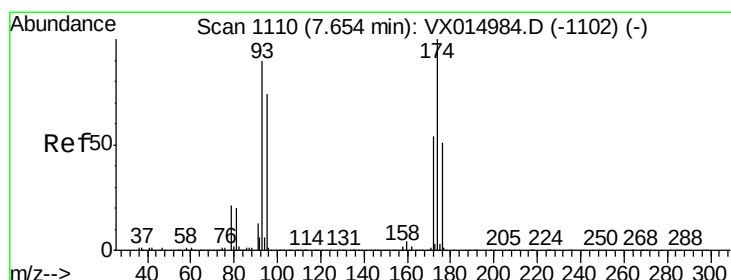
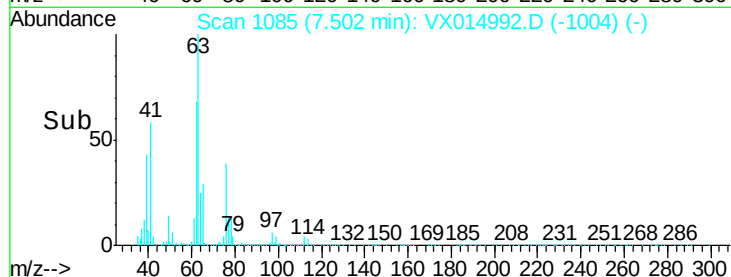
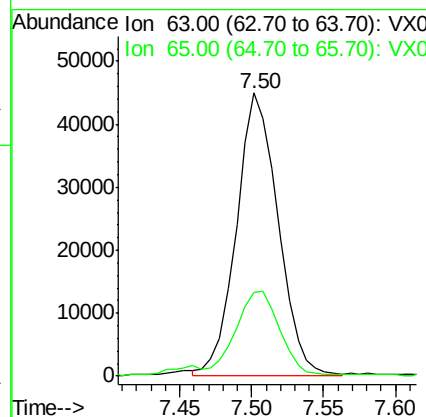
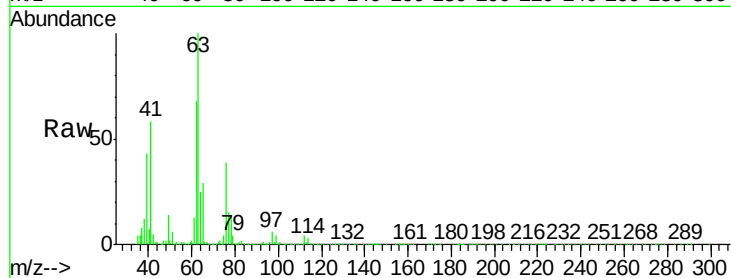
#39
 1,2-Dichloropropane
 Concen: 20.065 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.6	36.8

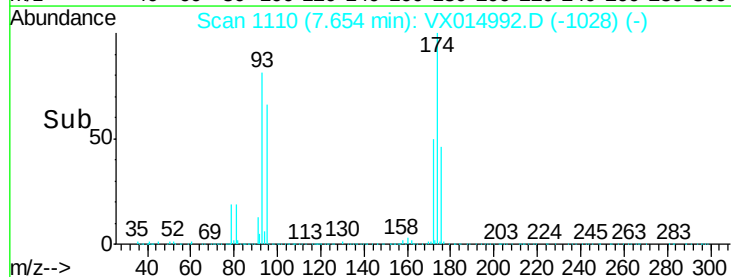
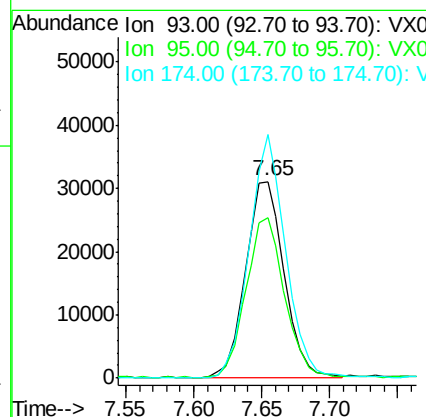
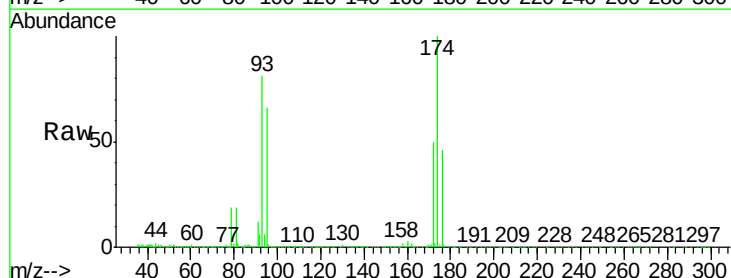
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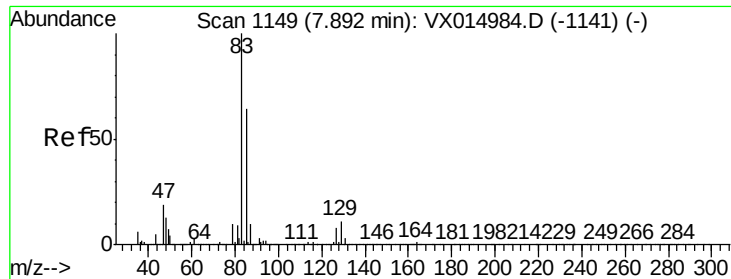
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#40
 Dibromomethane
 Concen: 20.471 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	0.0	164.6
174	117.4	0.0	226.4





#41

Bromodichloromethane

Concen: 20.231 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

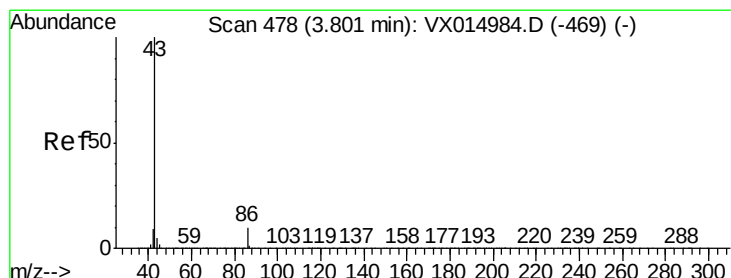
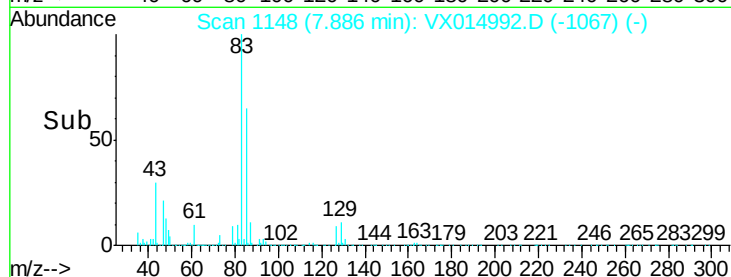
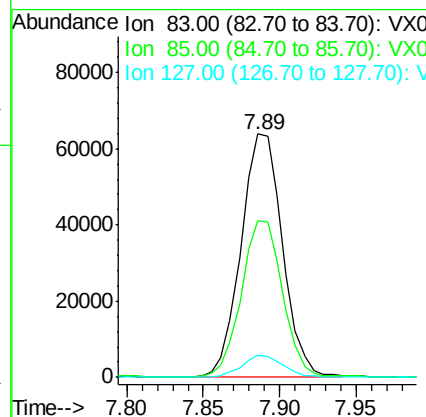
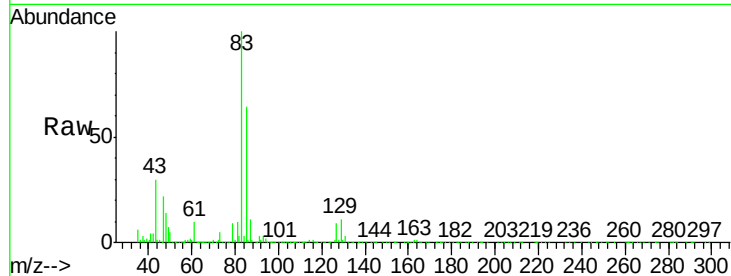
ClientSampleId :

VX0221WBS01

Tot Ion:	83	Resp:	119854
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.0	76.4
127	8.7	6.6	10.0

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#42

Vinyl Acetate

Concen: 101.970 ug/l

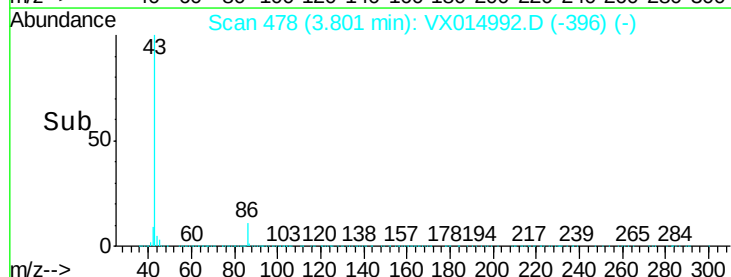
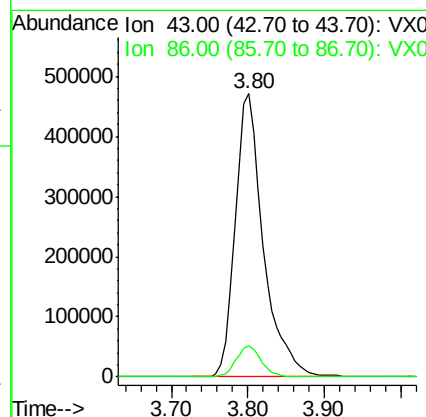
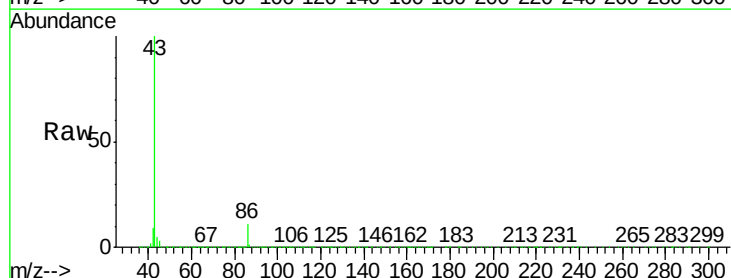
RT: 3.80 min Scan# 478

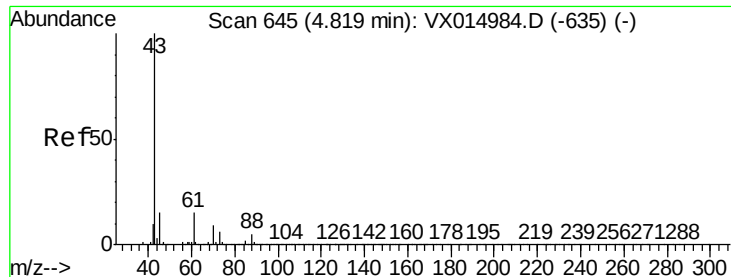
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	43	Resp:	1197951
Ion Ratio	Lower	Upper	
43	100		
86	9.8	7.6	11.4





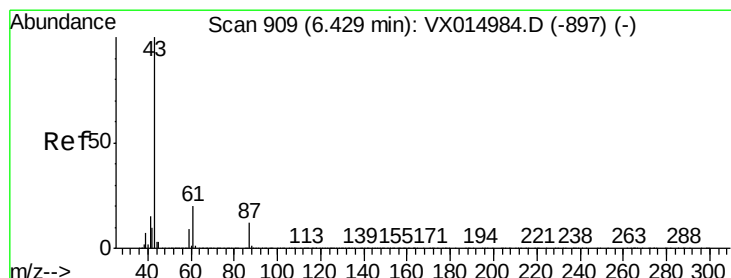
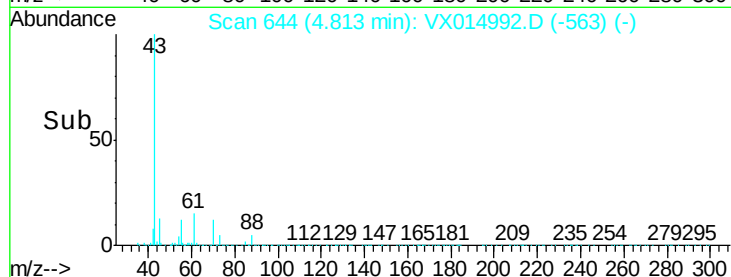
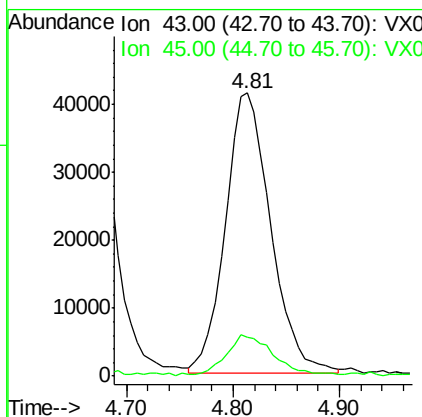
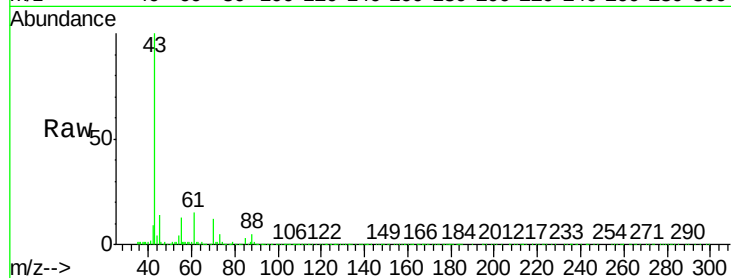
#43
Ethyl Acetate
Concen: 20.391 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	13.5	10.8	16.2

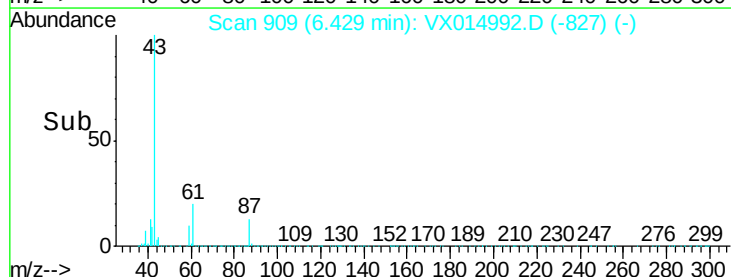
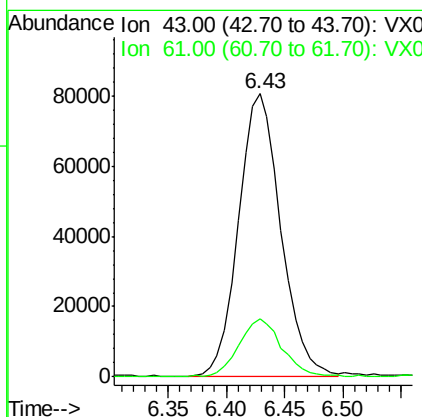
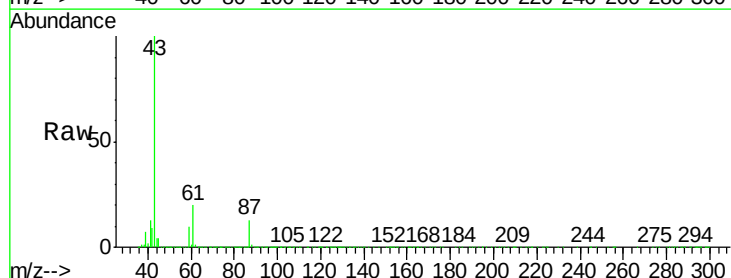
Manual Integrations
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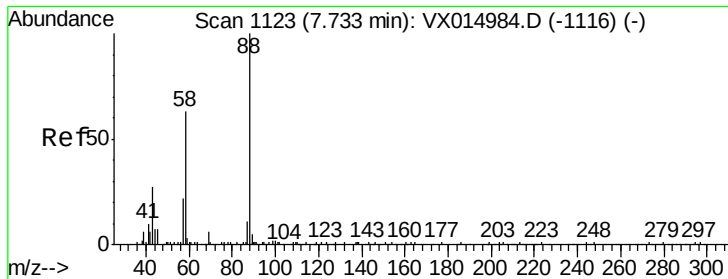
MMDadoda
2/24/2020 11:29:15 AM



#44
Isopropyl Acetate
Concen: 19.948 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.6	23.4





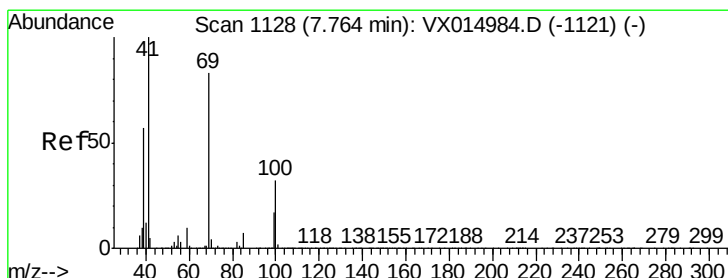
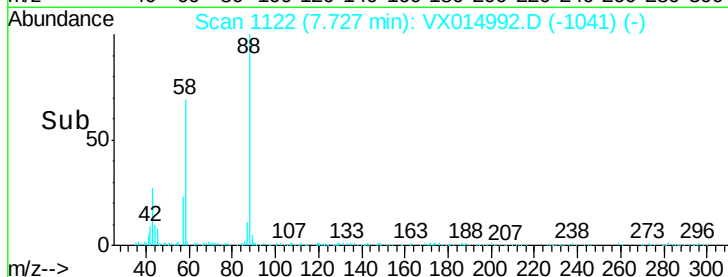
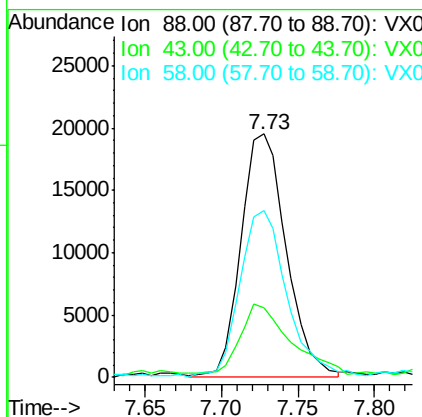
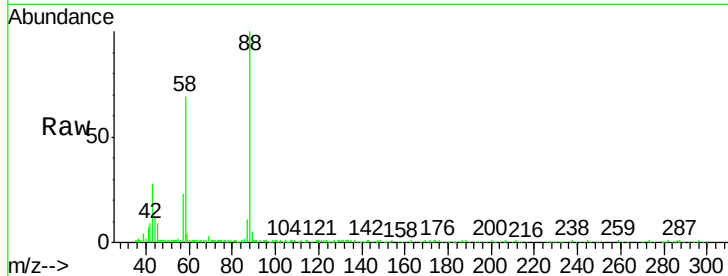
#45
1,4-Dioxane
Concen: 425.130 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.4	38.2
58	71.1	55.8	83.8

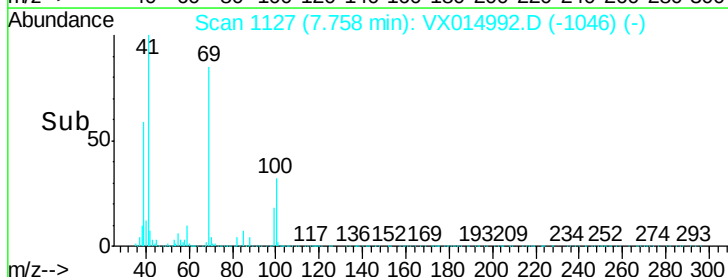
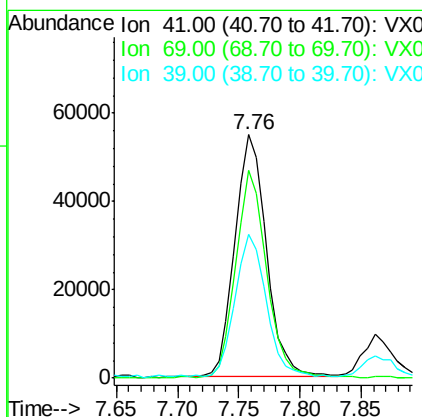
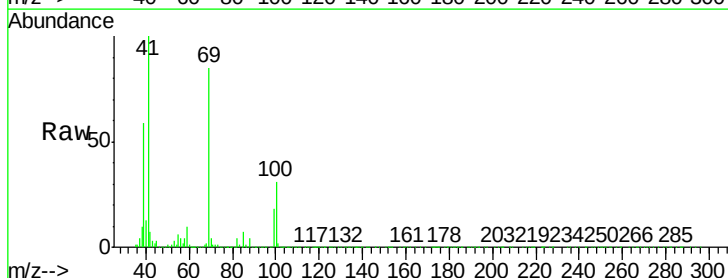
Manual Integrations
APPROVED

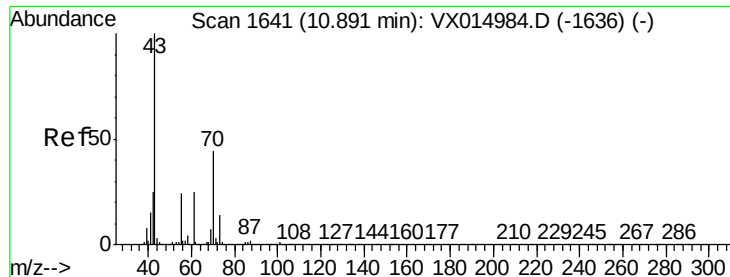
MMDadoda
2/24/2020 11:29:15 AM



#46
Methyl methacrylate
Concen: 19.527 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.2	41.4	124.2
39	58.8	28.3	84.9





#47

n-amvl Acetate

Concen: 19.591 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 43 Resp: 172303

Ion Ratio Lower Upper

43 100

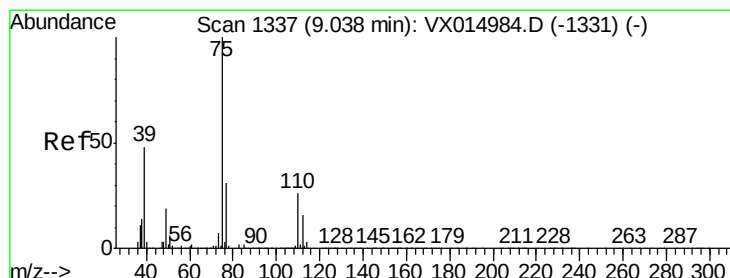
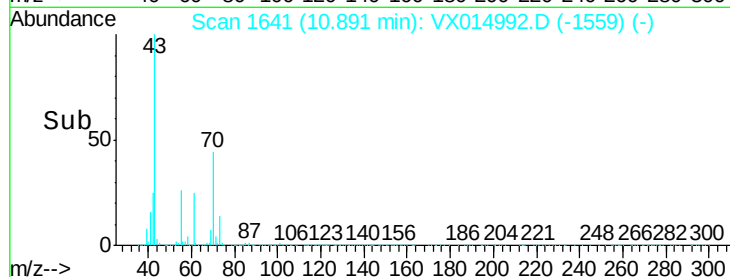
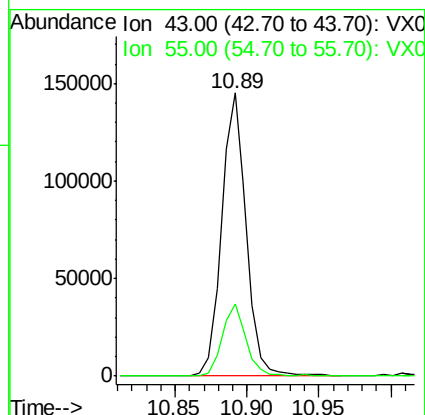
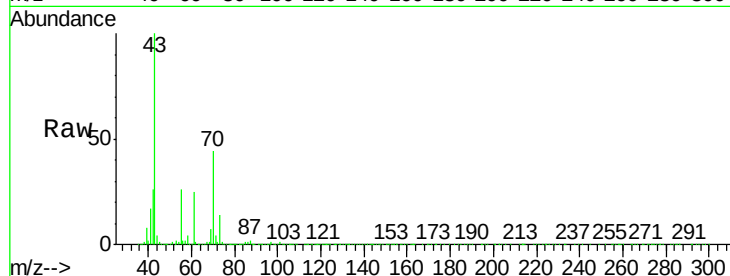
55 24.6 19.2 28.8

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.598 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014992.D

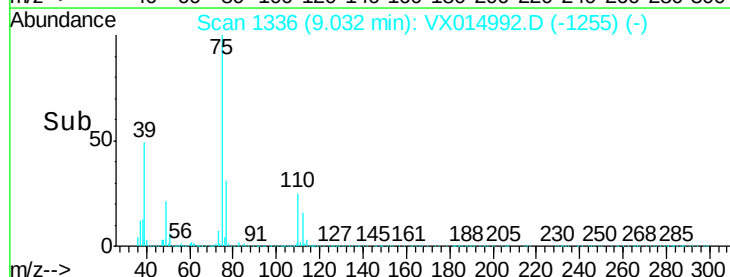
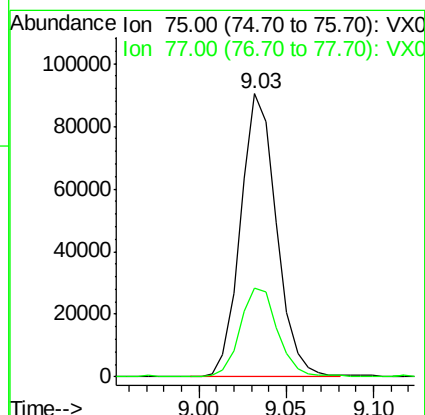
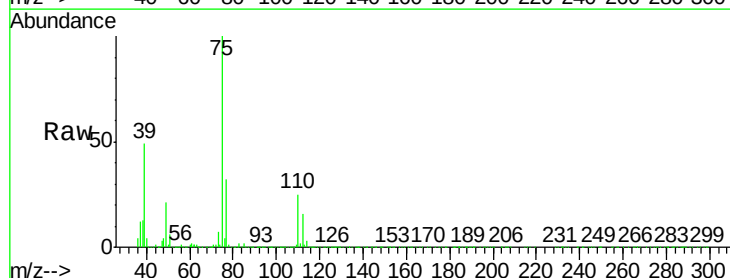
Acq: 21 Feb 2020 13:39

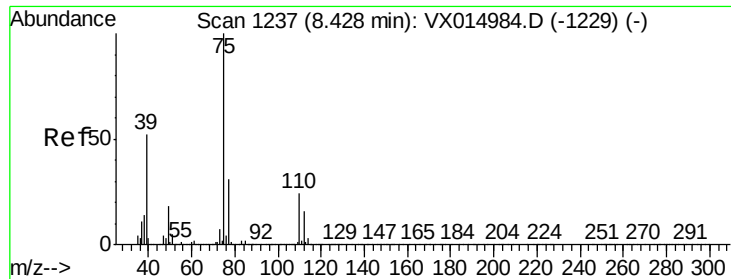
Tgt Ion: 75 Resp: 128814

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8





#49

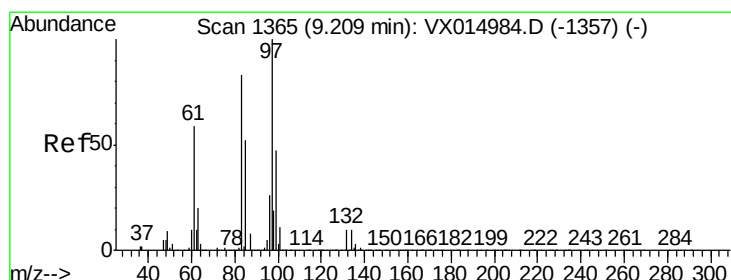
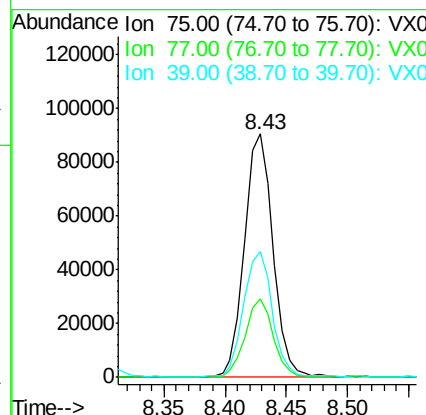
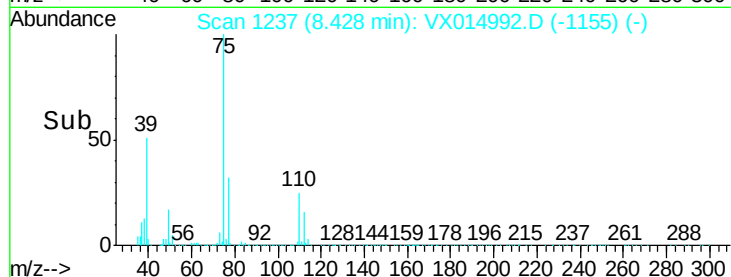
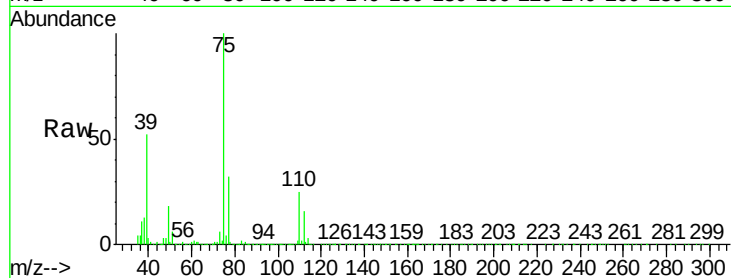
cis-1,3-Dichloropropene
Concen: 20.203 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	36.8
39	51.3	41.5	62.3

Manual Integrations
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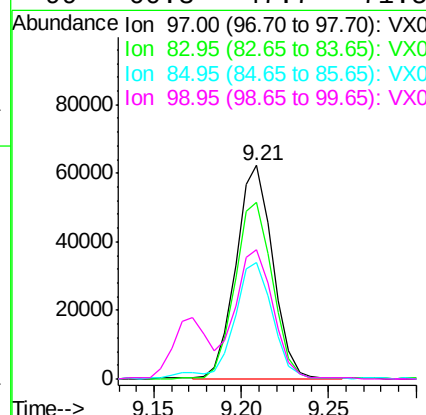
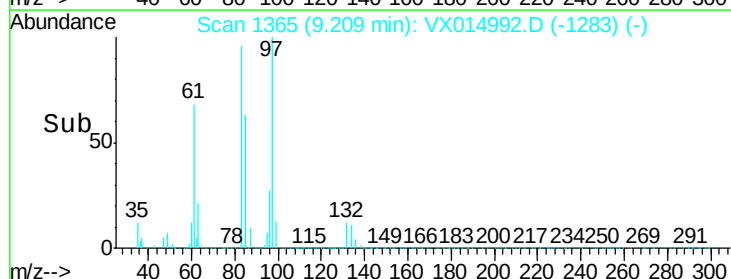
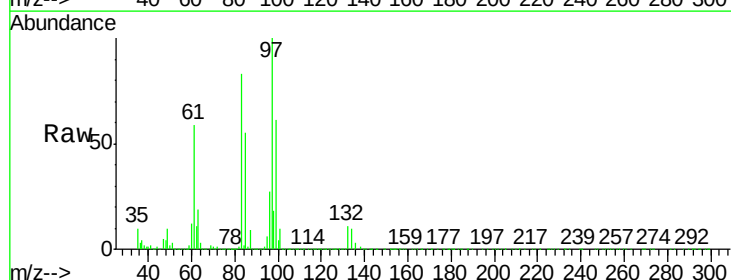
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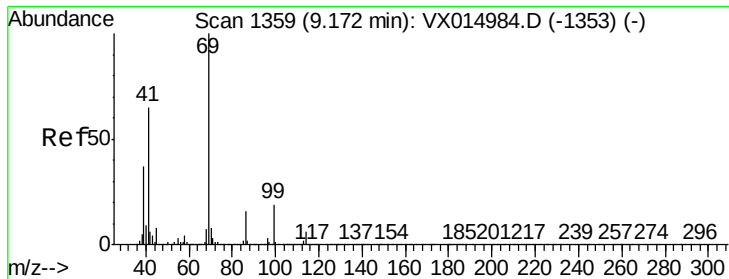


#50

1,1,2-Trichloroethane
Concen: 20.394 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.2	99.2
85	54.3	42.4	63.6
99	60.3	47.7	71.5





#51

Ethyl methacrylate

Concen: 19.916 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

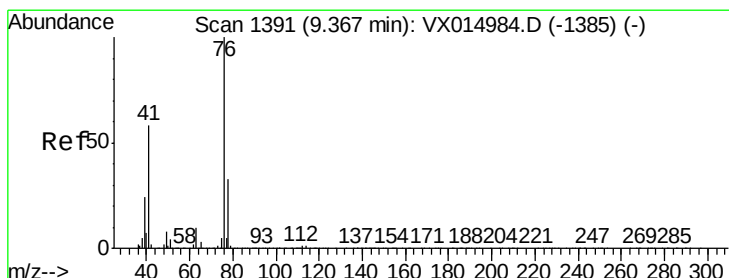
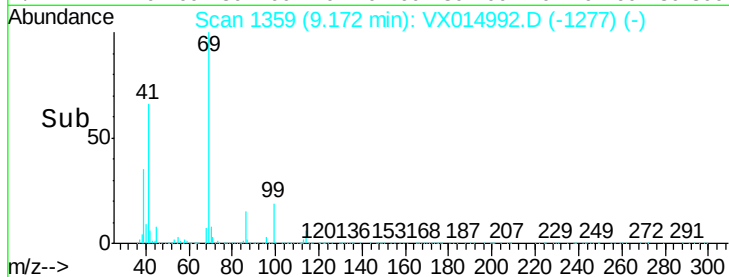
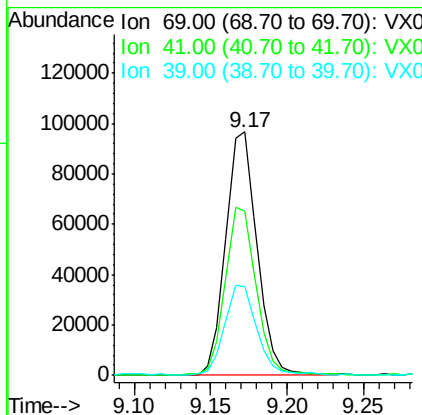
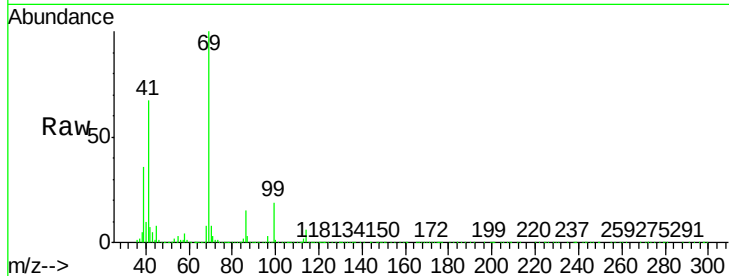
ClientSampleId :

VX0221WBS01

Tot Ion:	69	Resp:	137348
Ion Ratio	Lower	Upper	
69	100		
41	66.9	32.7	98.1
39	36.0	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.242 ug/l

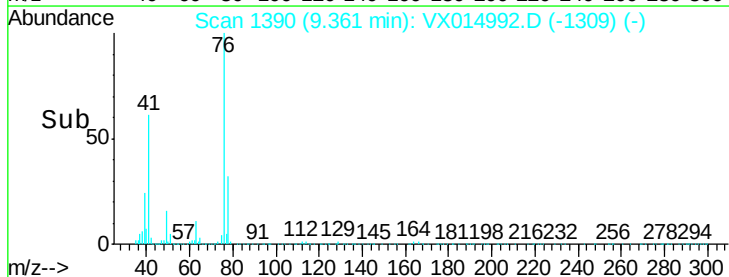
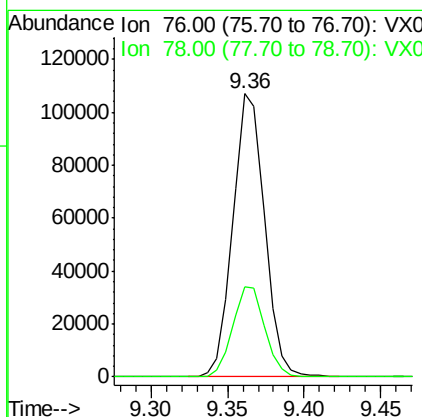
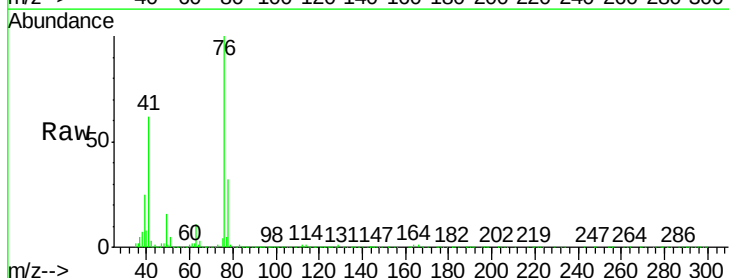
RT: 9.36 min Scan# 1390

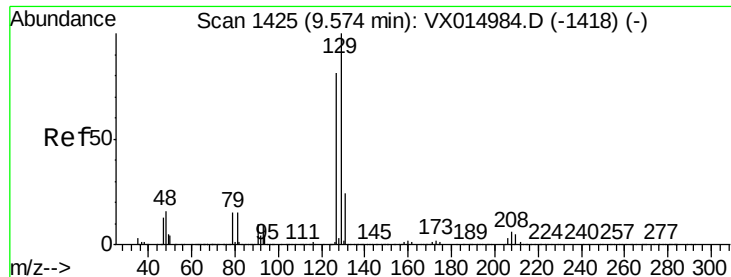
Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	76	Resp:	153000
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	65.0





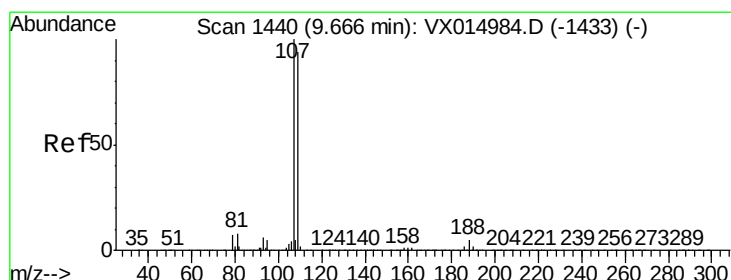
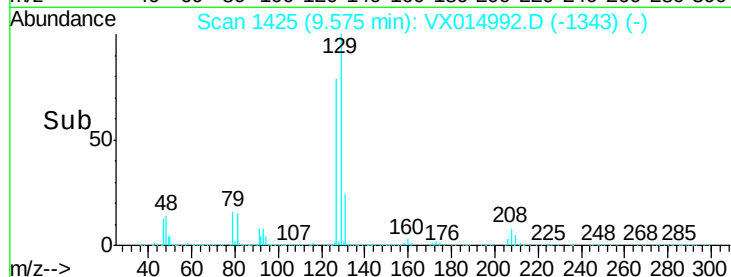
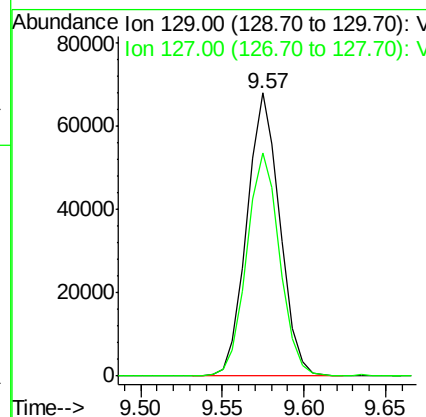
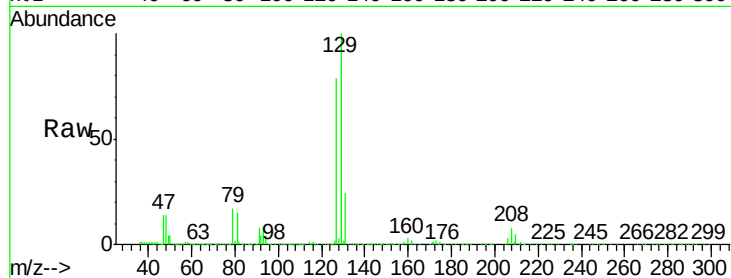
#53
Dibromochloromethane
Concen: 19.809 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		95691		
127	79.0	38.3	114.9		

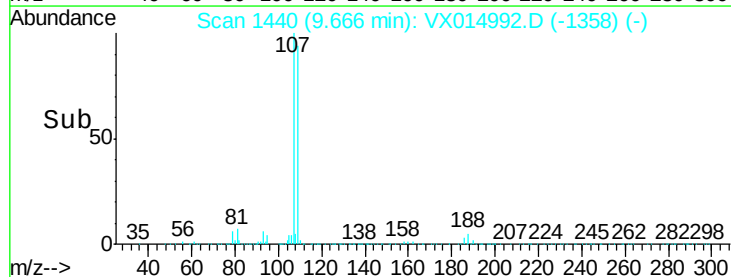
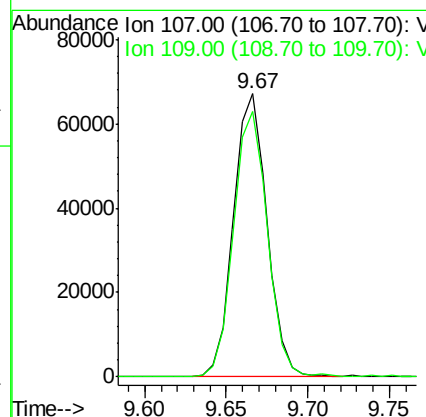
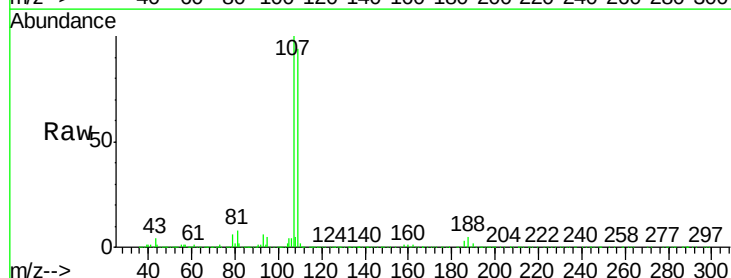
Manual Integrations
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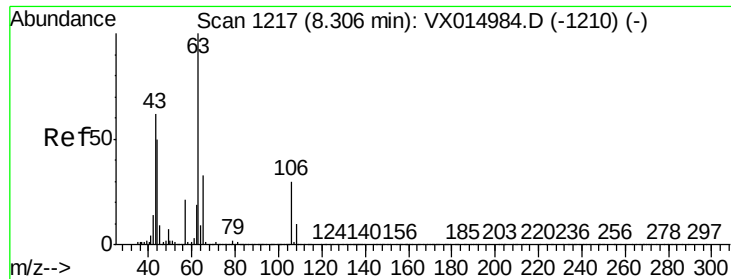
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#54
1,2-Dibromoethane
Concen: 20.229 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		95965		
109	94.0	76.3	114.5		





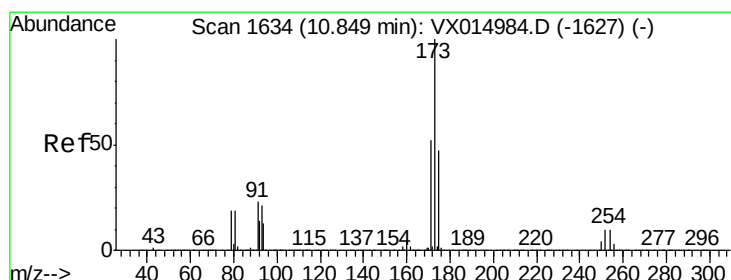
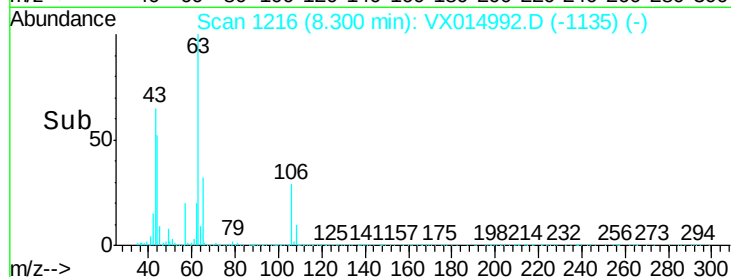
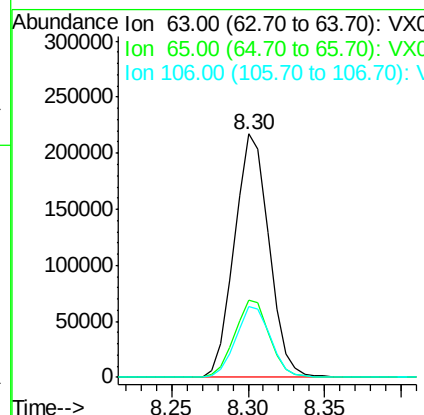
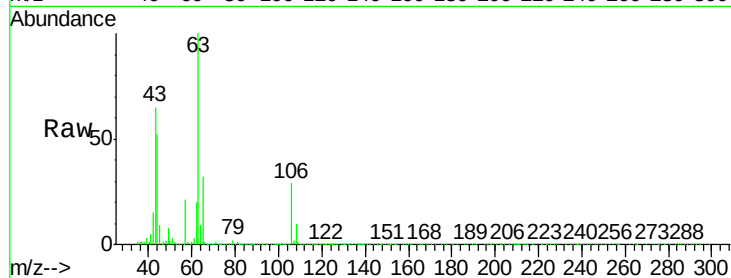
#55
2-Chloroethyl vinyl ether
Concen: 92.550 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	29.2	23.9	35.9

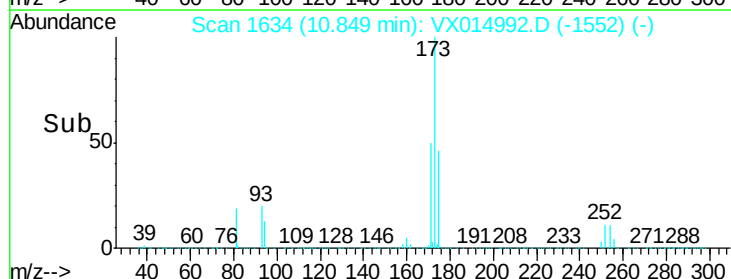
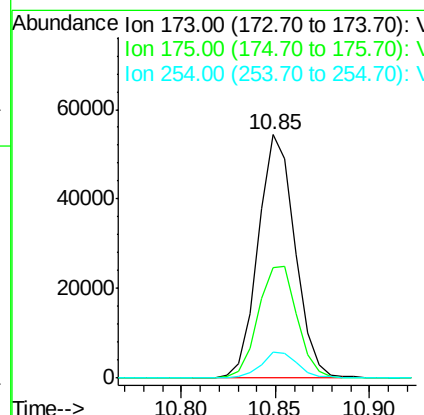
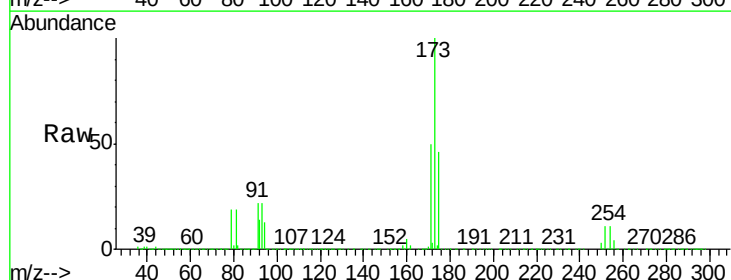
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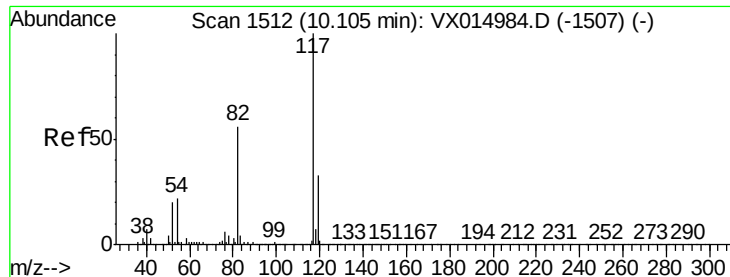
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#56
Bromoform
Concen: 19.434 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.6	57.8
254	10.9	8.6	13.0





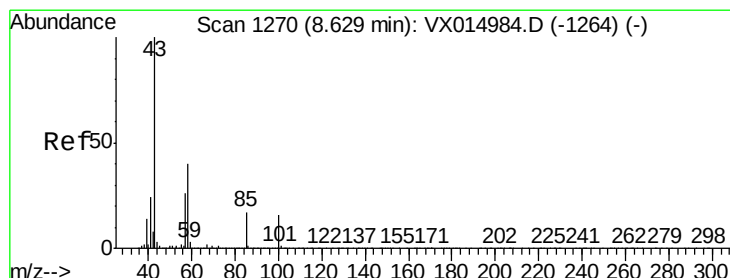
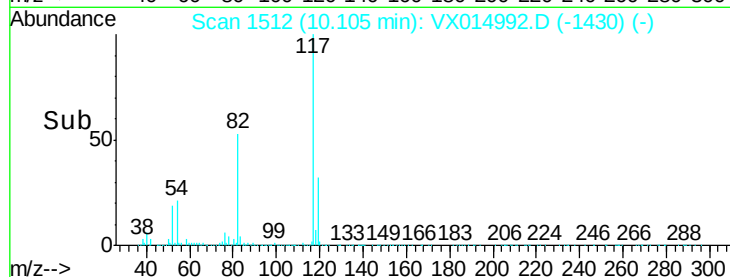
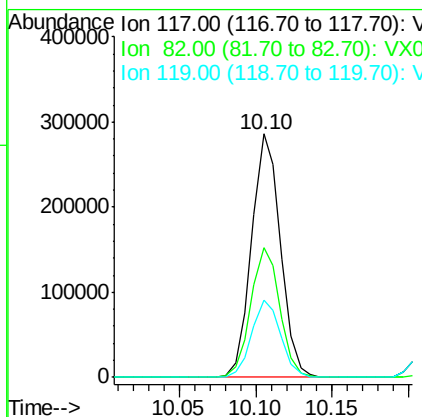
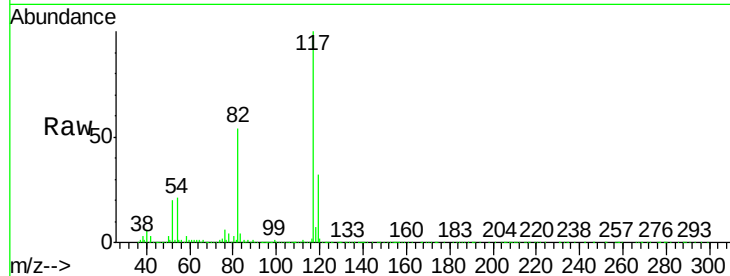
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.2
119	31.9	26.0	39.0

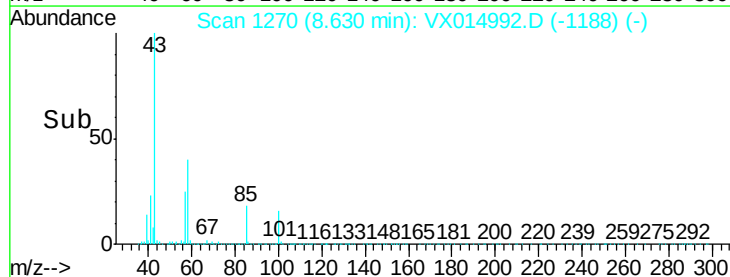
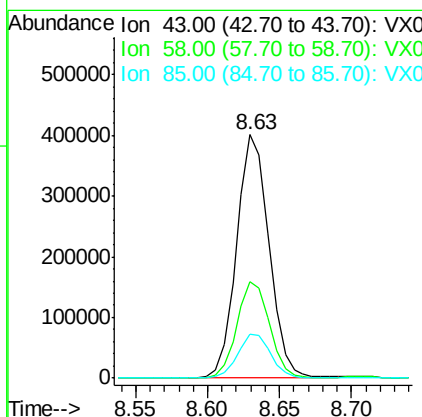
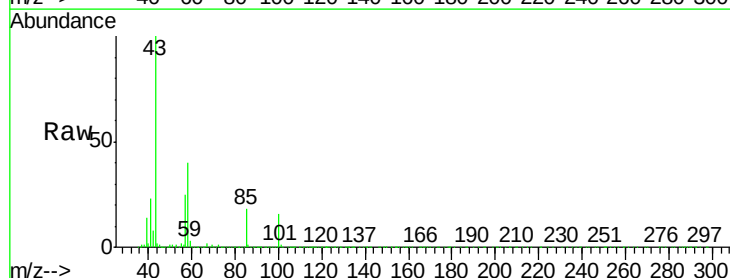
Manual Integrations
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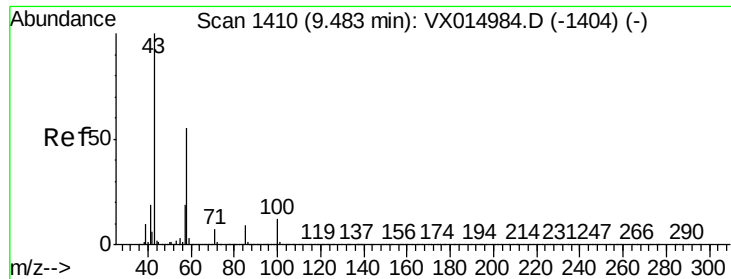
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 102.117 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.7	47.5
85	18.3	14.4	21.6





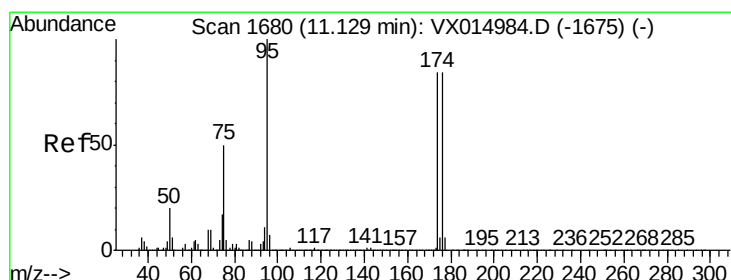
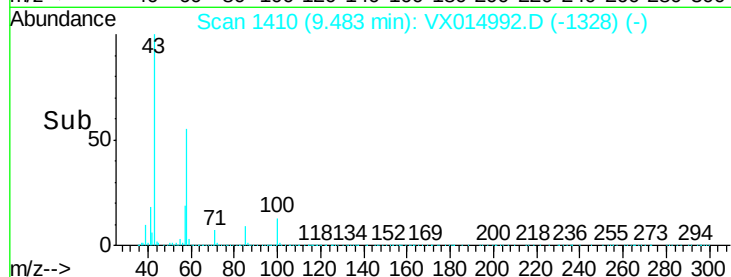
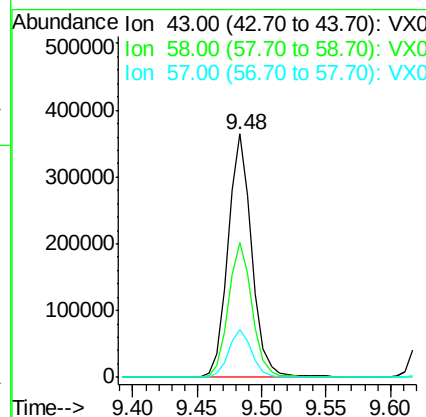
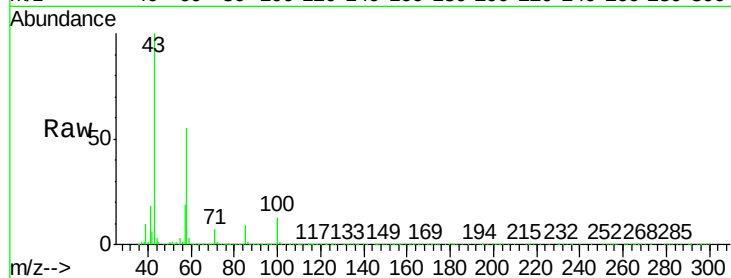
#59
2-Hexanone
Concen: 98.302 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	44.1	66.1
57	19.0	15.3	22.9

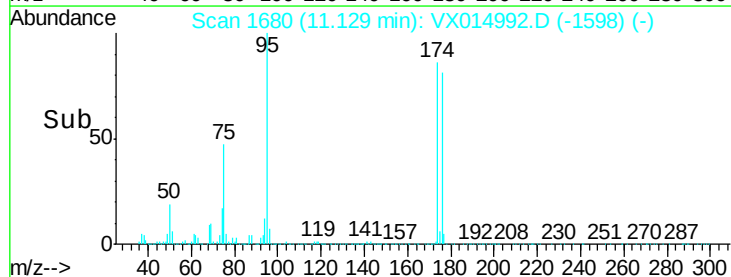
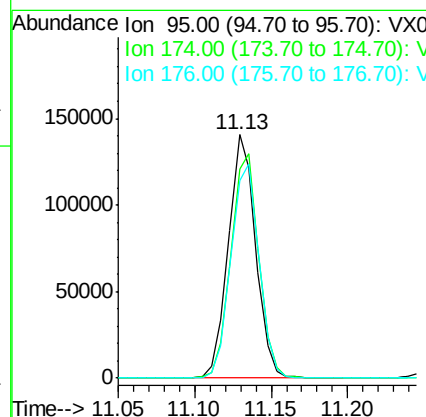
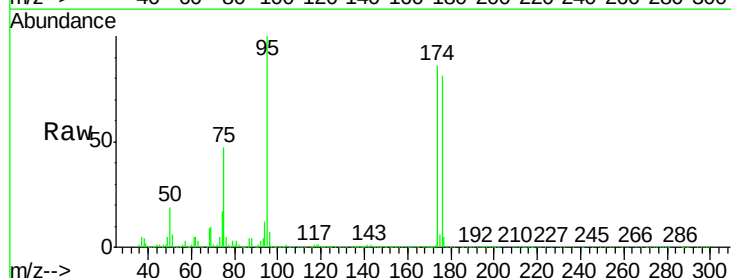
Manual Integrations
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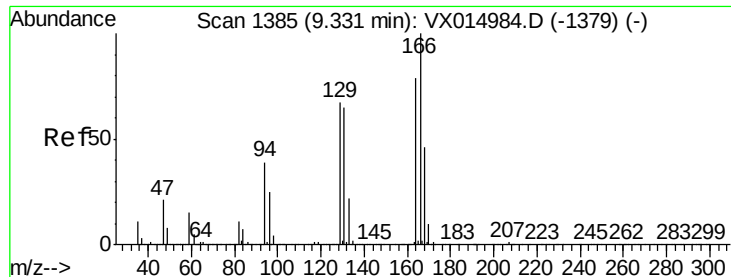
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#60
4-Bromofluorobenzene
Concen: 29.756 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	72.3	108.5
176	90.4	72.0	108.0





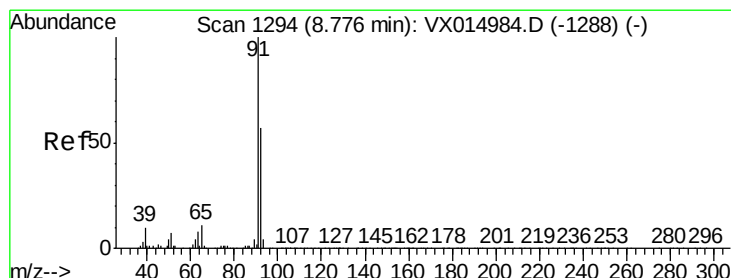
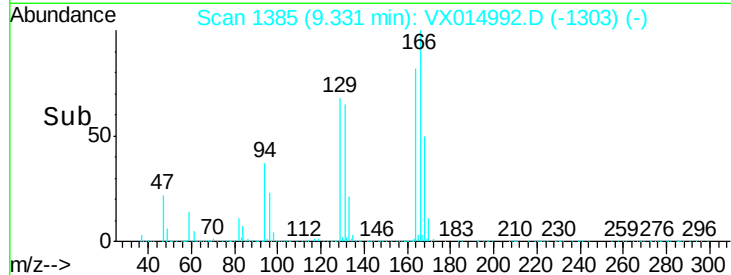
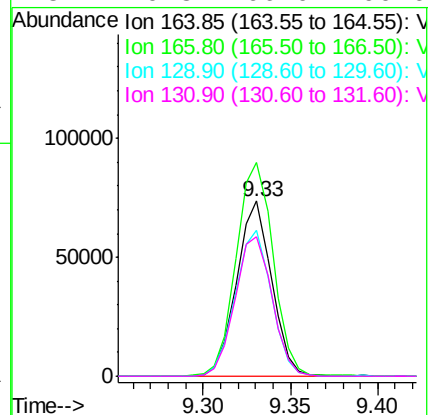
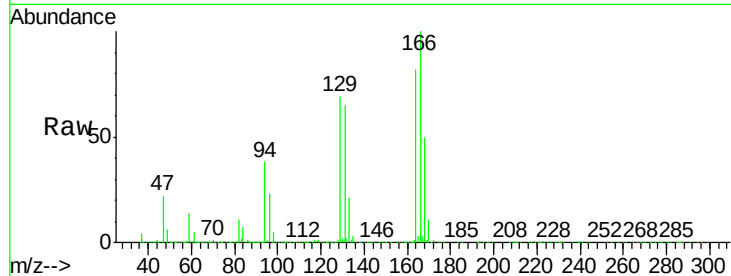
#61
Tetrachloroethene
Concen: 20.344 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.0	101.2	151.8
129	83.7	67.6	101.4
131	79.8	66.0	99.0

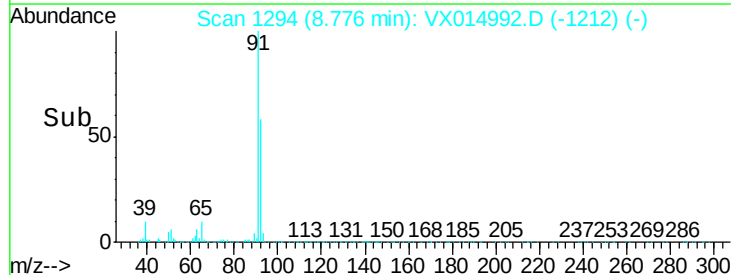
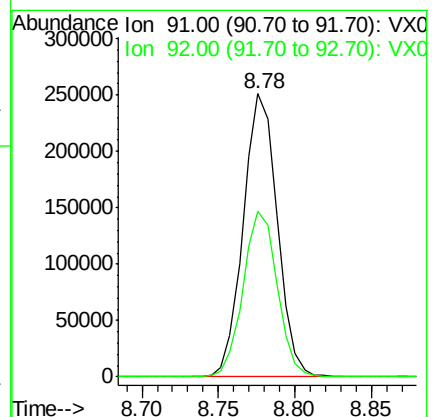
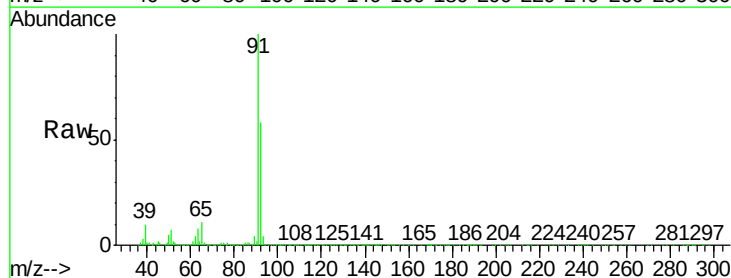
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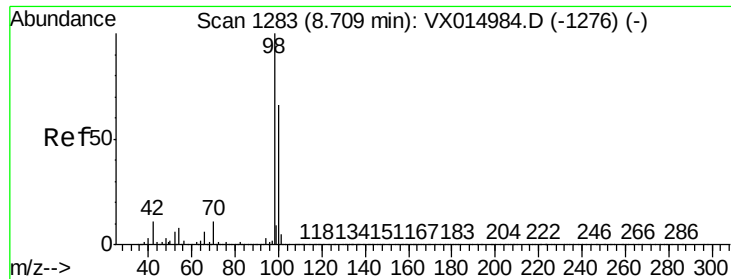
MMDadoda
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#62
Toluene
Concen: 20.131 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	69.8





#63

Toluene-d8

Concen: 30.148 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 98 Resp: 493141

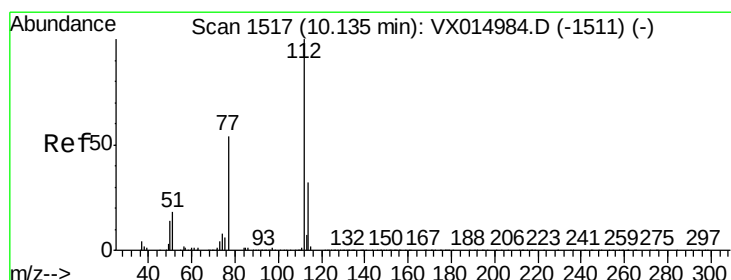
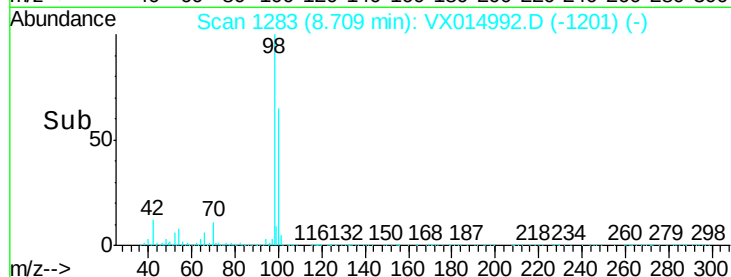
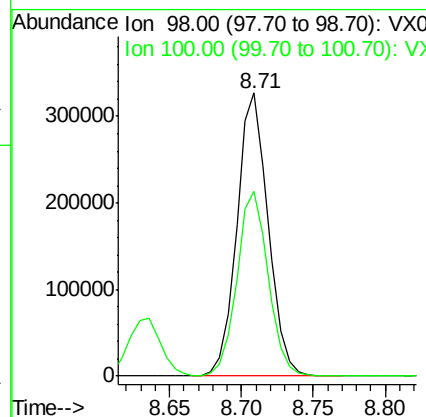
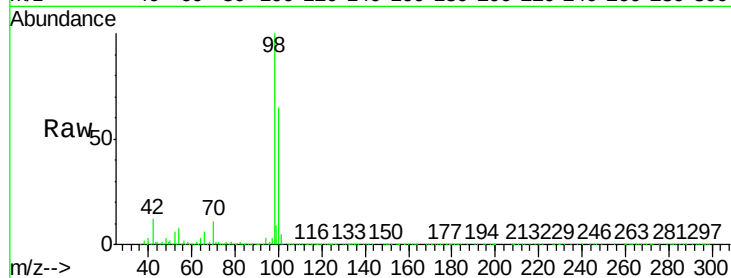
Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2

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#64

Chlorobenzene

Concen: 19.935 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014992.D

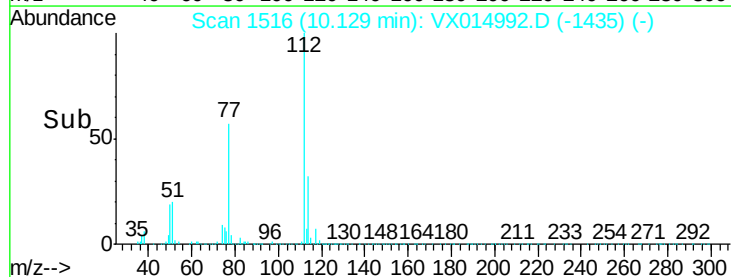
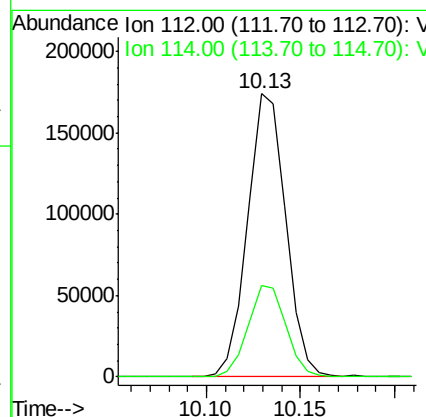
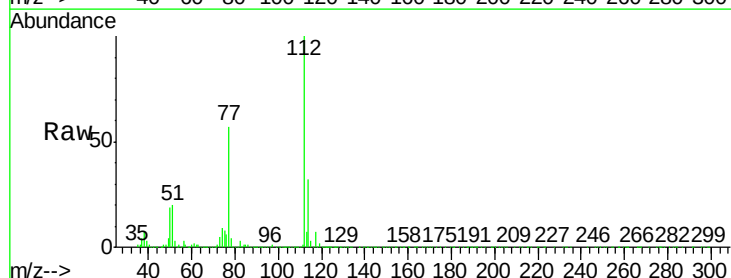
Acq: 21 Feb 2020 13:39

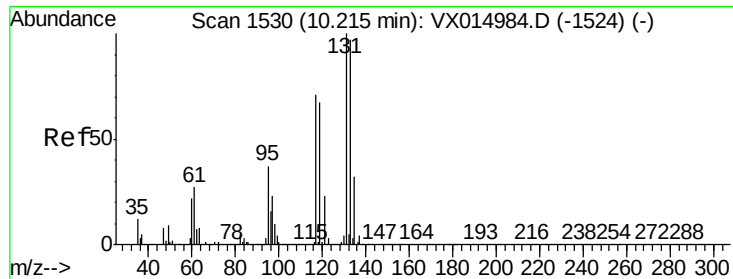
Tgt Ion: 112 Resp: 244471

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6





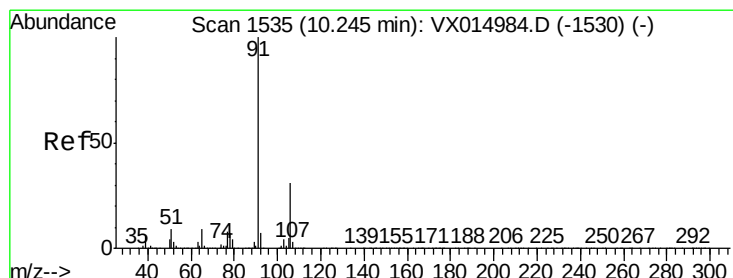
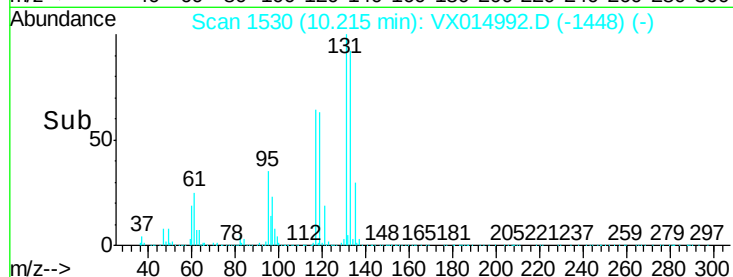
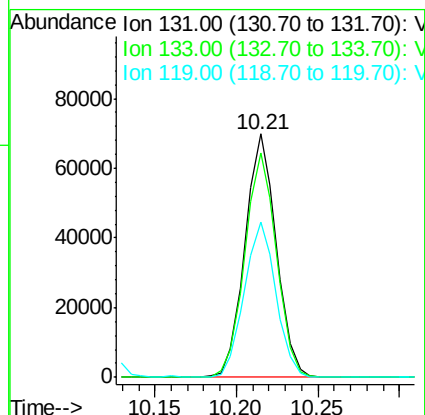
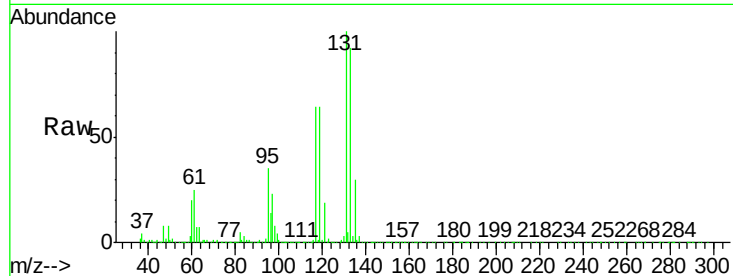
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.601 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	93580		
133	93.3	0.0	191.4	
119	64.2	0.0	132.0	

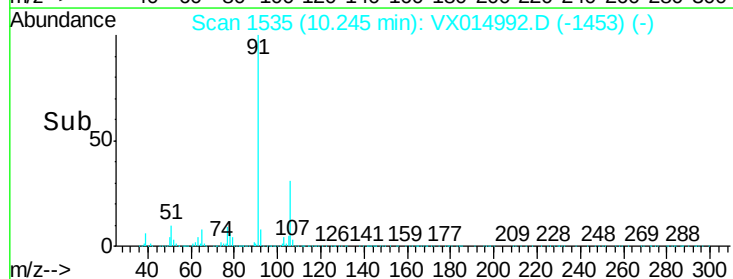
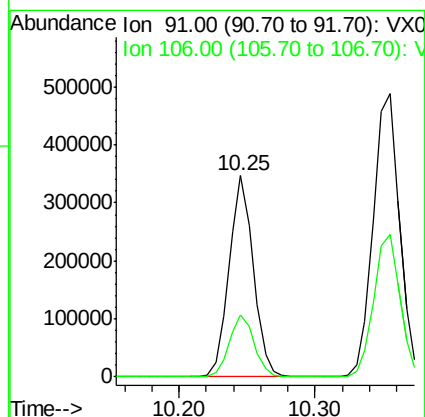
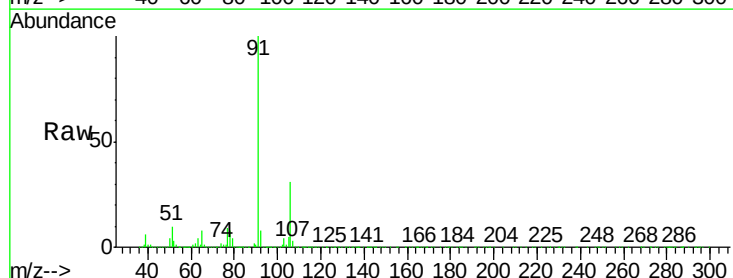
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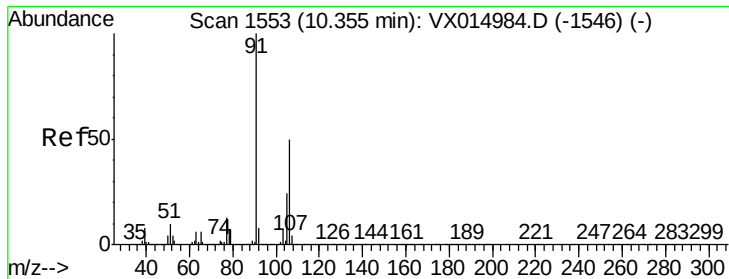
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#66
 Ethyl Benzene
 Concen: 20.207 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	427656		
106	30.9	24.7	37.1	





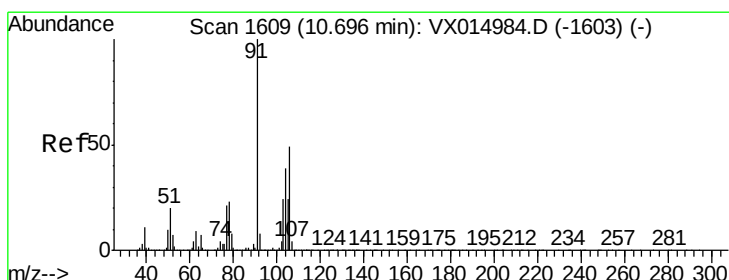
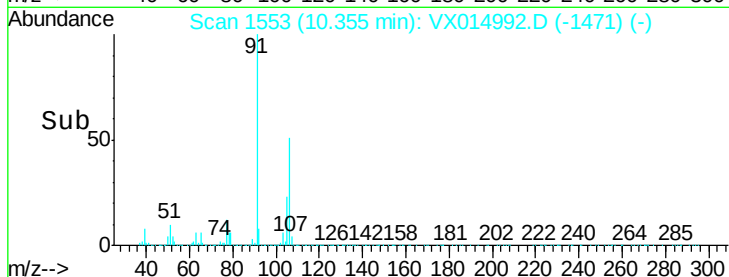
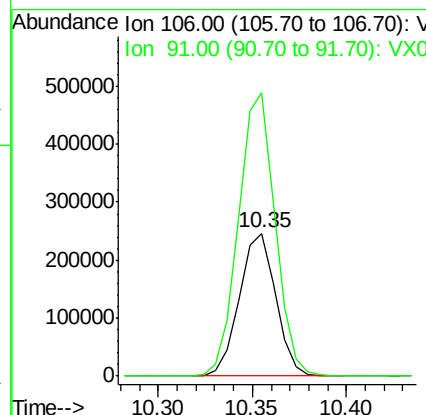
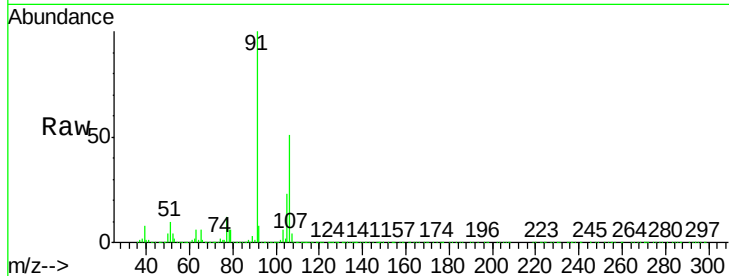
#67
m/p-Xylenes
Concen: 40.367 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampled :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.9	160.4	240.6

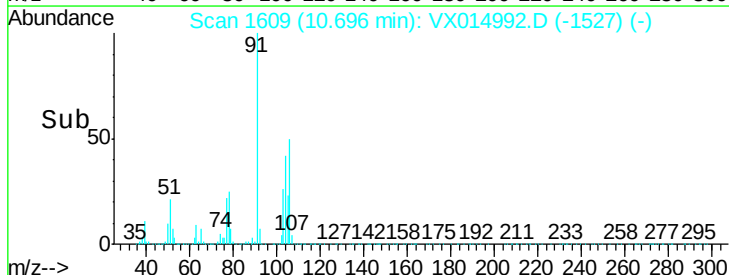
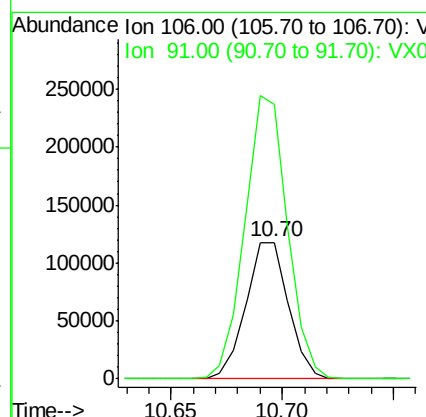
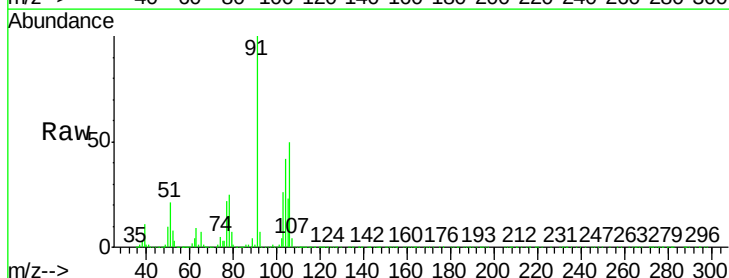
Manual Integrations
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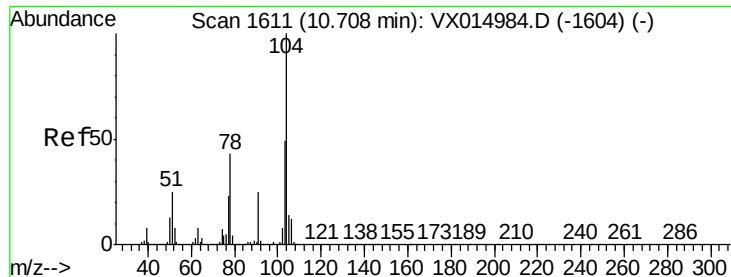
MMDadoda
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#68
o-Xylene
Concen: 19.991 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.4	105.3	315.9





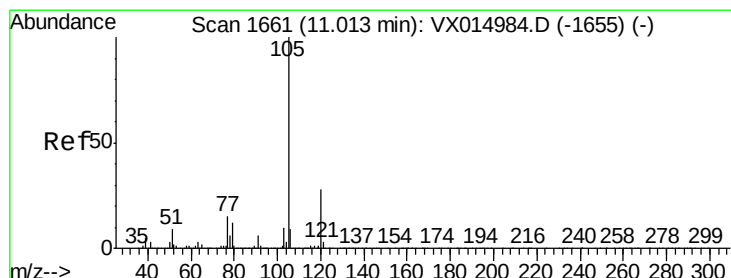
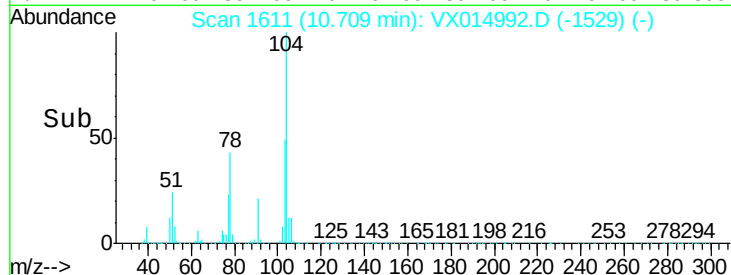
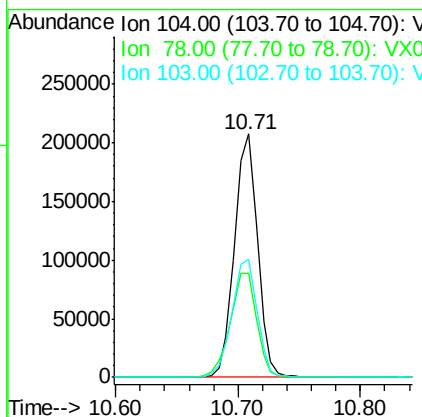
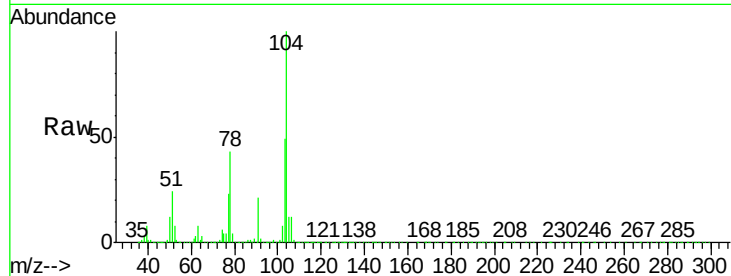
#69
Stvrene
Concen: 19.964 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.4	59.2
103	53.6	42.9	64.3

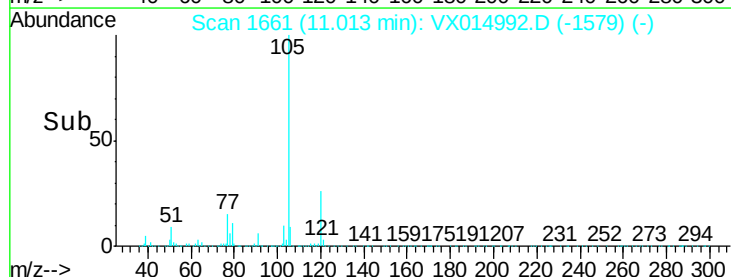
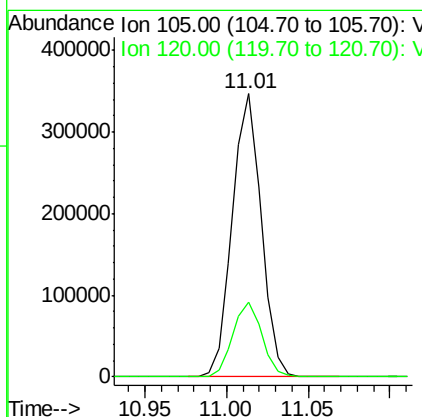
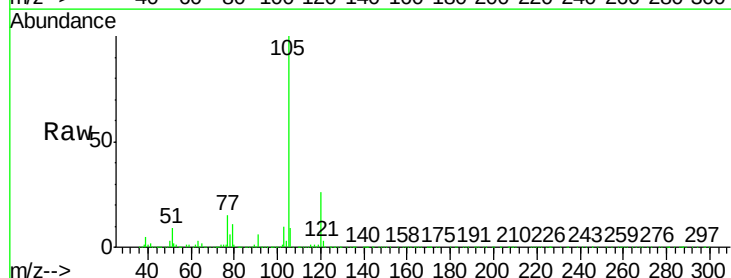
Manual Integrations
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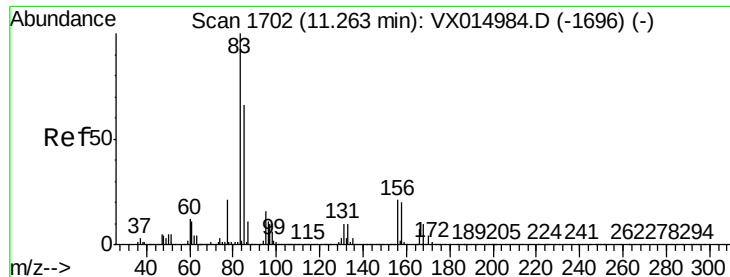
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#70
Isopropylbenzene
Concen: 20.405 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.248 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

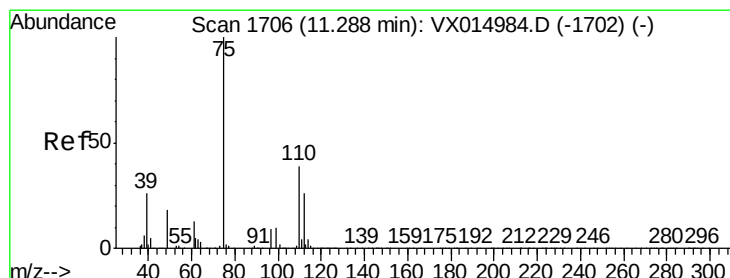
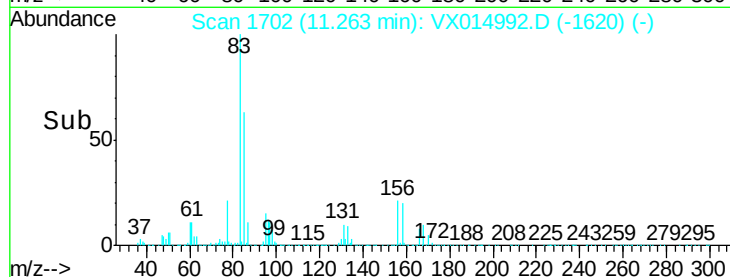
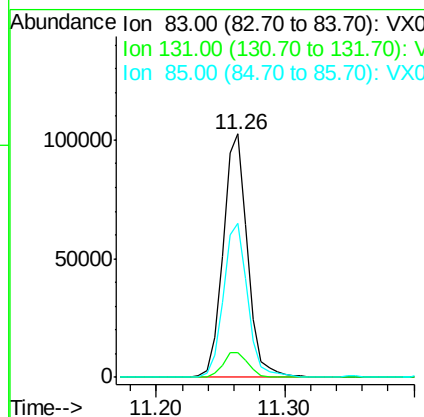
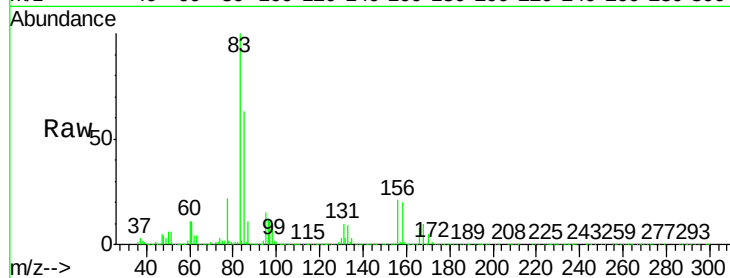
ClientSampled :

VX0221WBS01

Tot Ion:	83	Resp:	136746
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	62.7	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 20.971 ug/l m

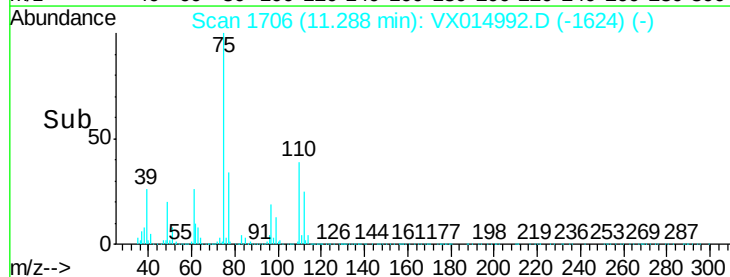
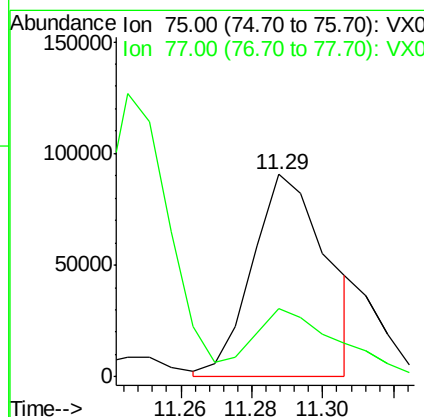
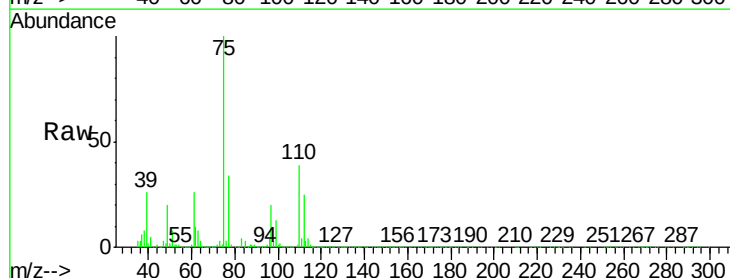
RT: 11.29 min Scan# 1706

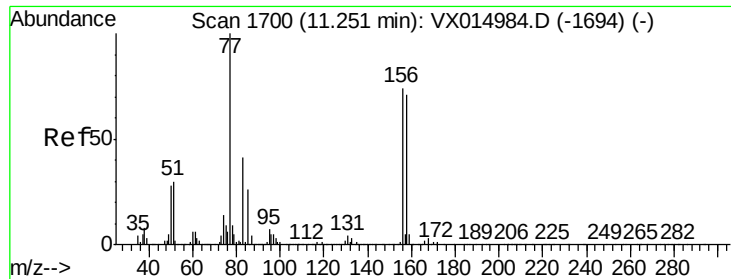
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	75	Resp:	131987
Ion Ratio	Lower	Upper	
75	100		
77	38.7	0.0	75.4





#73

Bromobenzene

Concen: 20.330 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

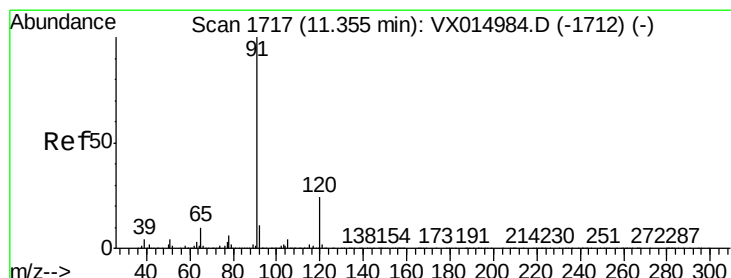
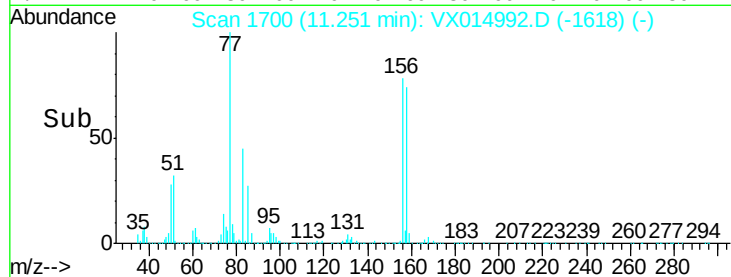
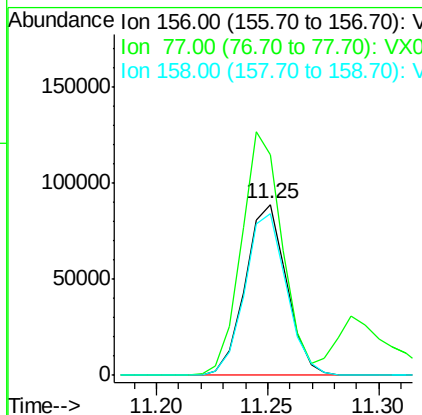
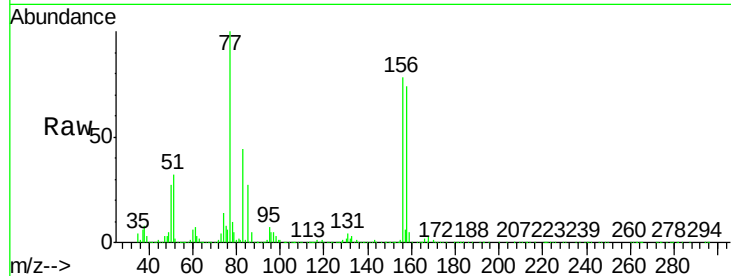
ClientSampleId :

VX0221WBS01

Tot Ion:	156	Resp:	115225
Ion Ratio	Lower	Upper	
156	100		
77	140.6	0.0	286.8
158	96.0	0.0	191.8

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#74

n-propylbenzene

Concen: 20.166 ug/l

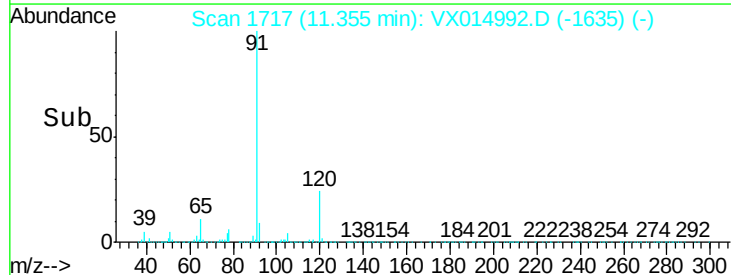
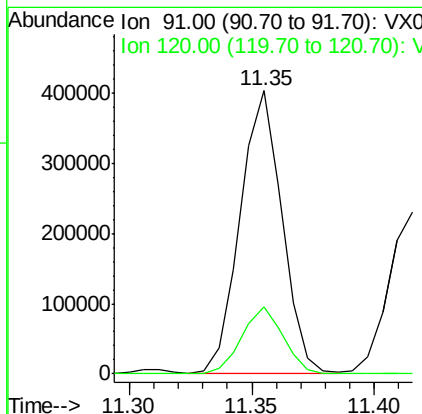
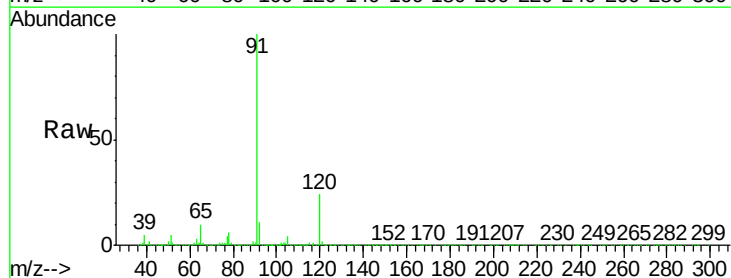
RT: 11.35 min Scan# 1717

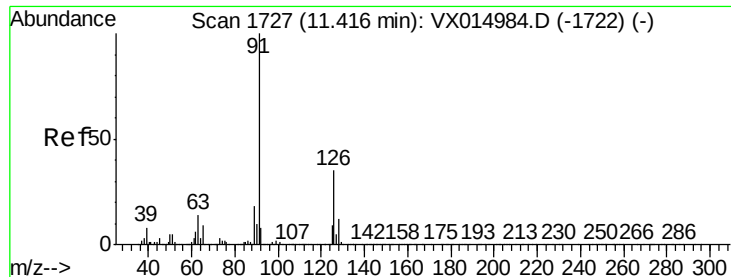
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	91	Resp:	481429
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.333 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBS01

Tot Ion: 91 Resp: 286853

Ion Ratio Lower Upper

91 100

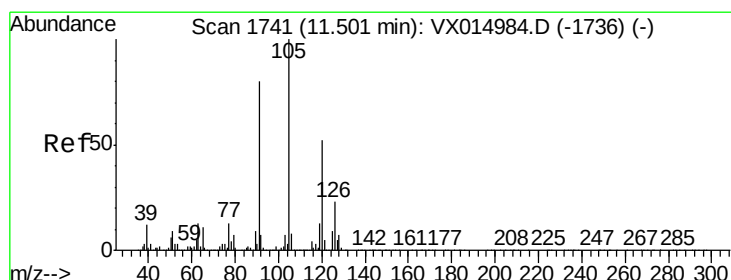
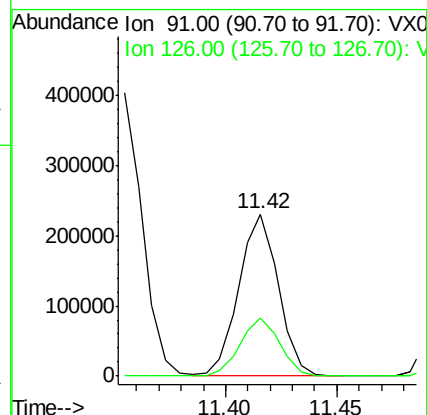
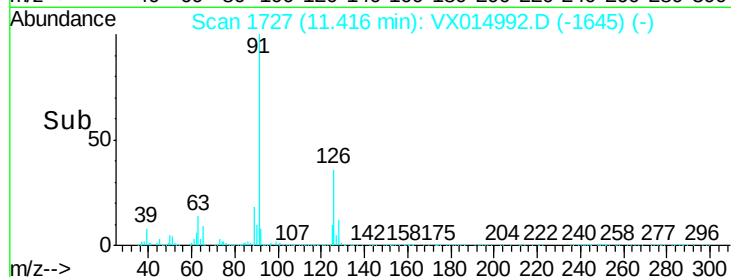
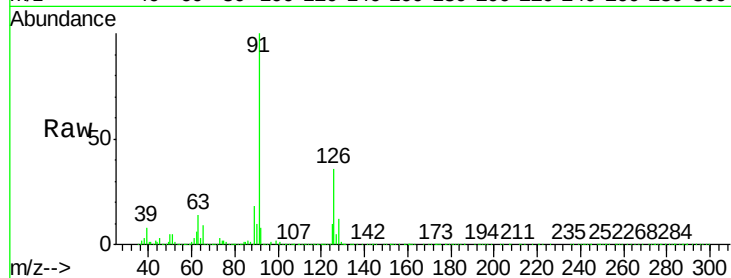
126 35.5 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 20.309 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014992.D

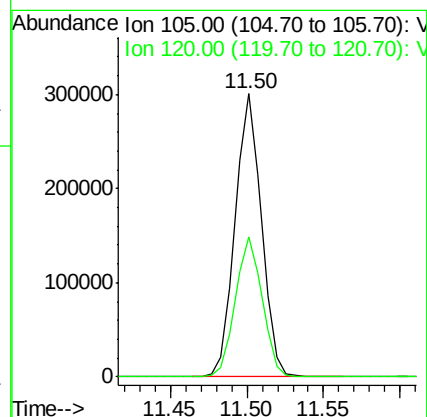
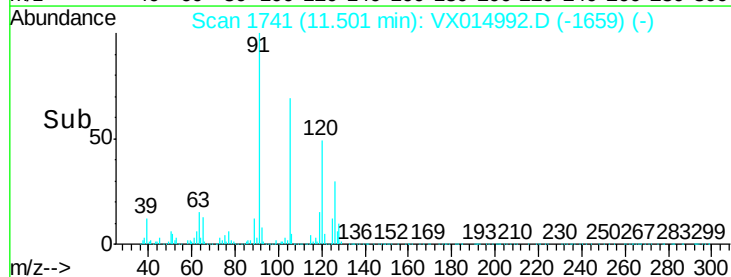
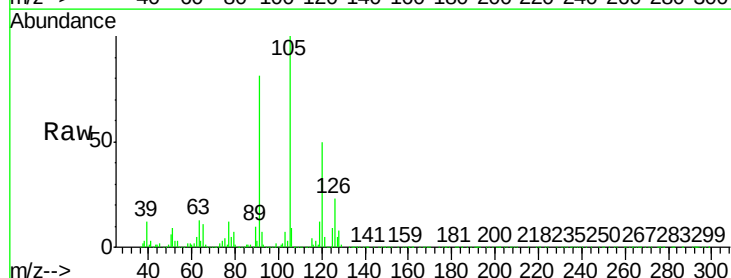
Acq: 21 Feb 2020 13:39

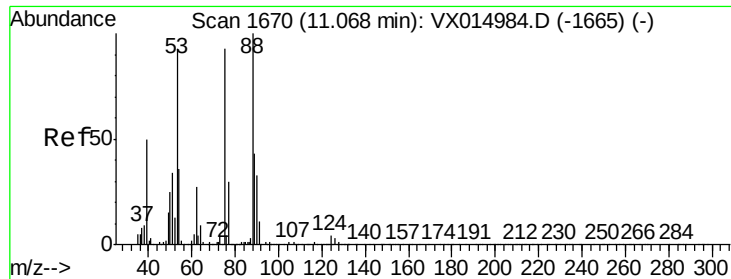
Tgt Ion: 105 Resp: 356999

Ion Ratio Lower Upper

105 100

120 50.2 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.949 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

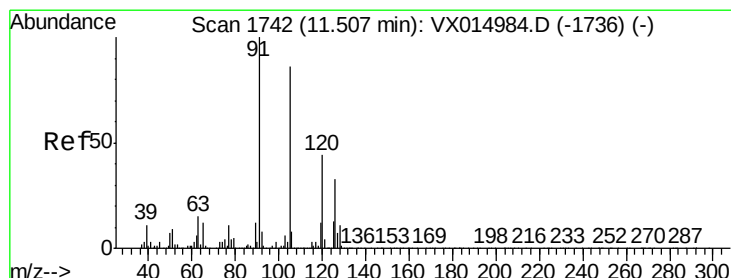
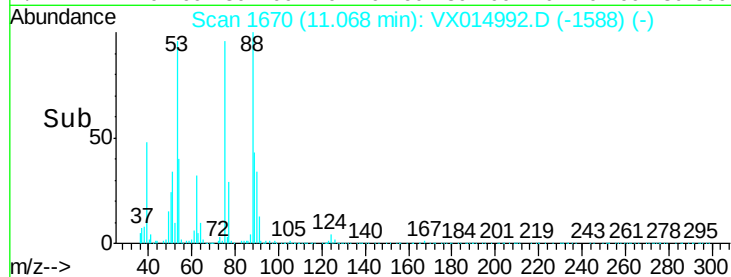
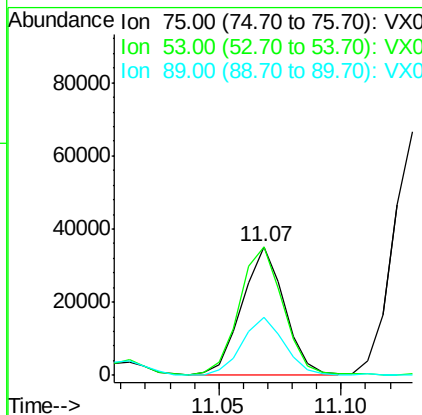
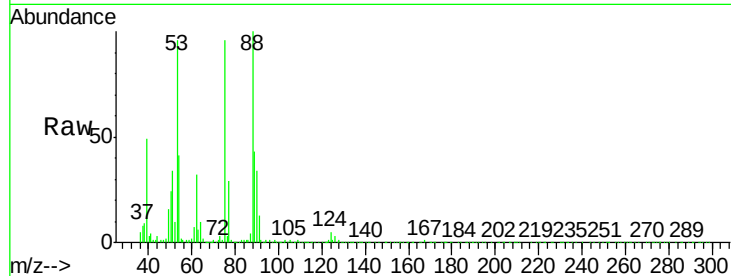
ClientSampleId :

VX0221WBS01

Tot Ion:	75	Resp:	42804
Ion	Ratio	Lower	Upper
75	100		
53	99.5	50.0	149.8
89	44.3	23.5	70.5

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#78

4-Chlorotoluene

Concen: 20.107 ug/l

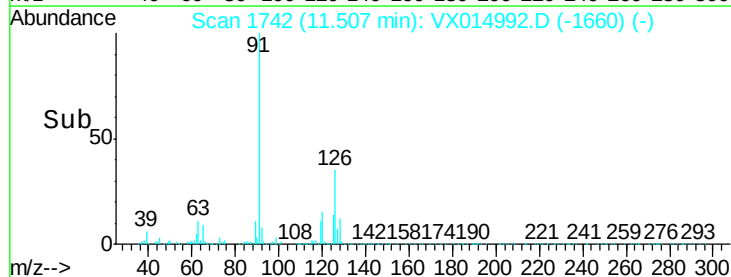
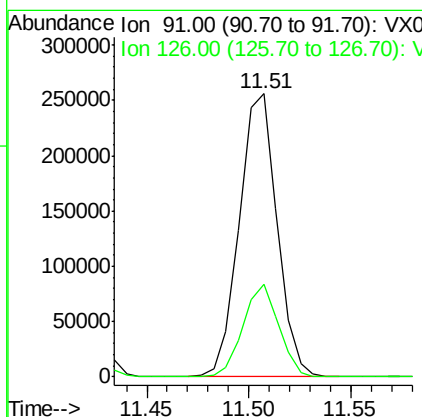
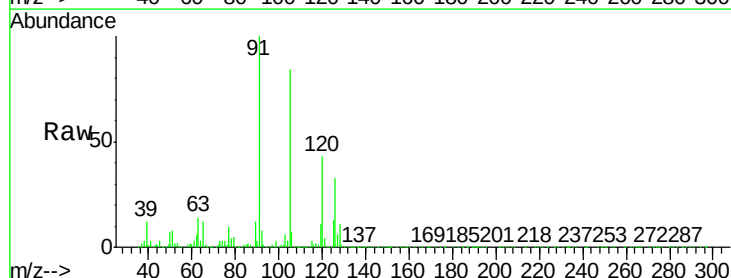
RT: 11.51 min Scan# 1742

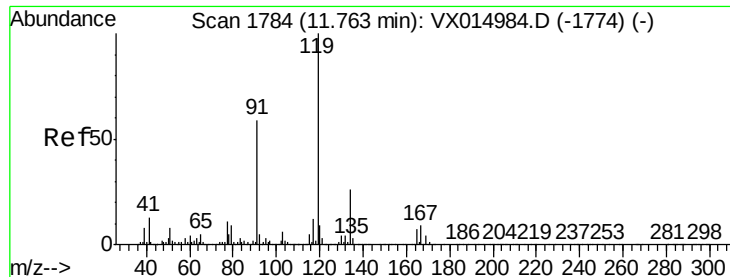
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	91	Resp:	328126
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	62.0





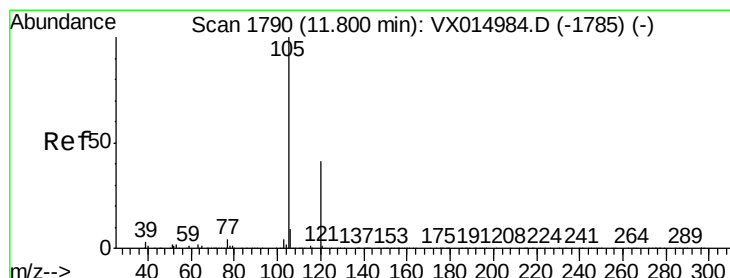
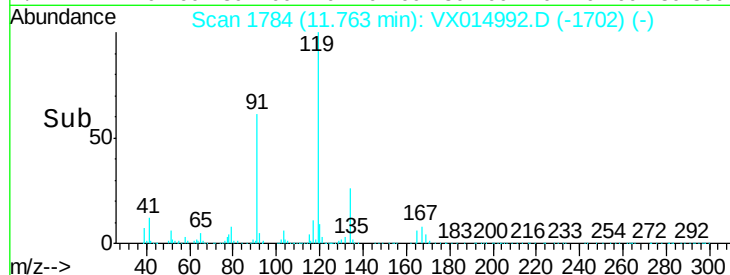
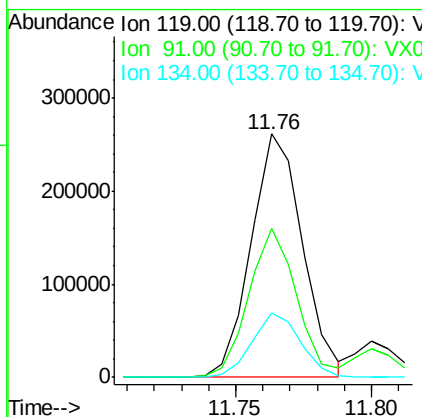
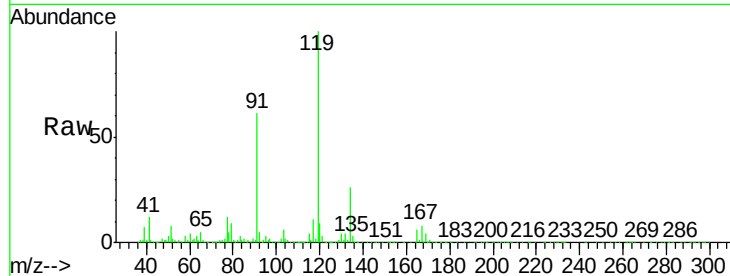
#79
tert-butylbenzene
Concen: 20.120 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	341700		
91	56.9	0.0	114.4	
134	24.9	0.0	48.8	

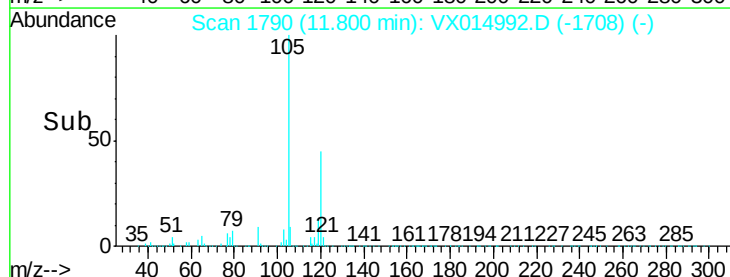
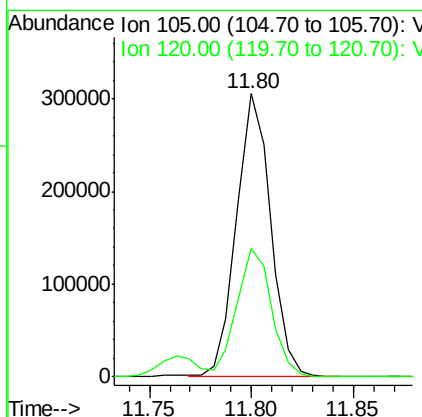
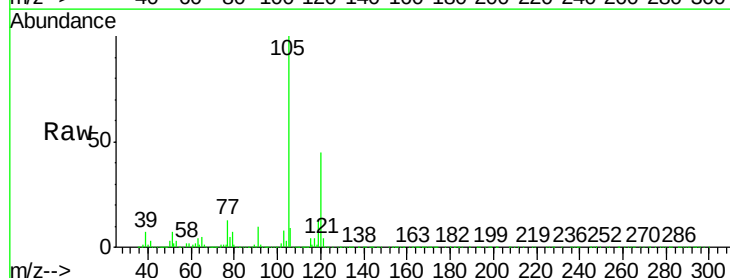
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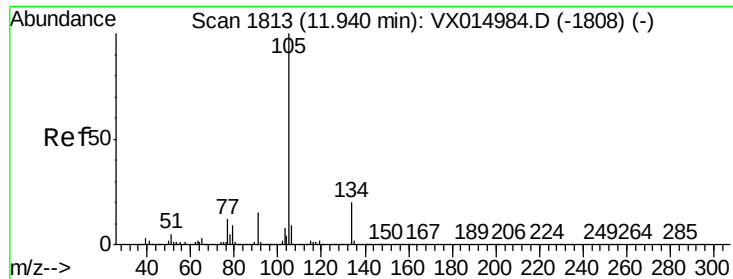
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#80
1,2,4-Trimethylbenzene
Concen: 20.289 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354577		
120	45.6	0.0	93.4	





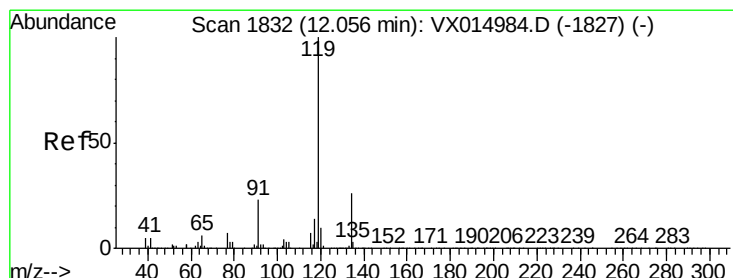
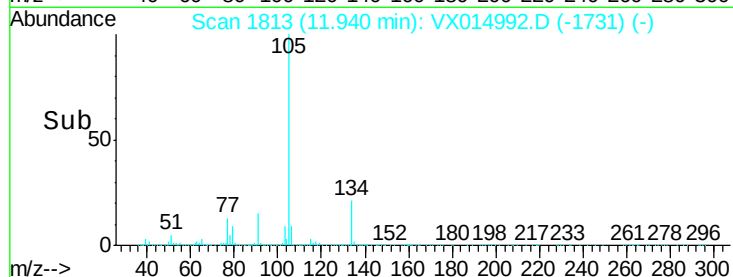
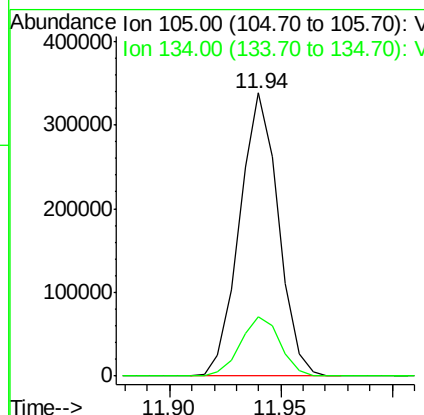
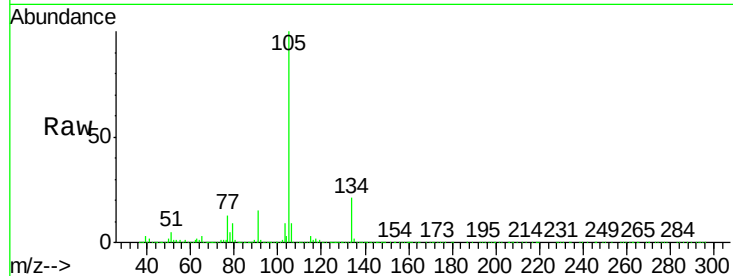
#81
 sec-Butylbenzene
 Concen: 20.145 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	409717		
134	21.5	0.0	40.8	

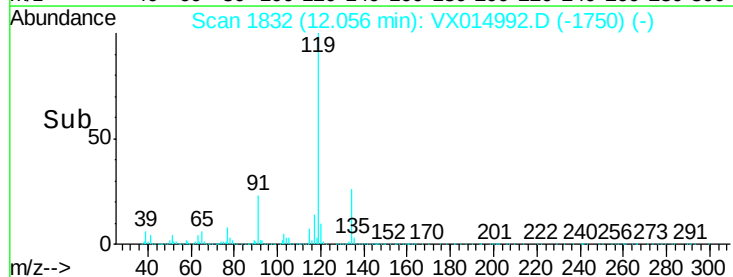
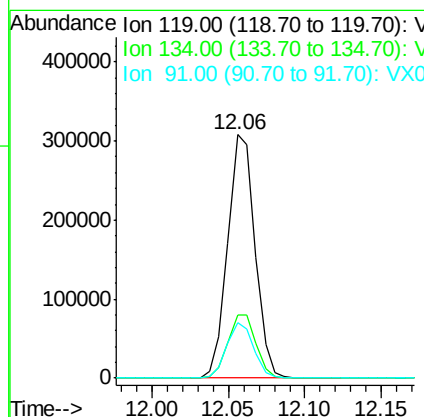
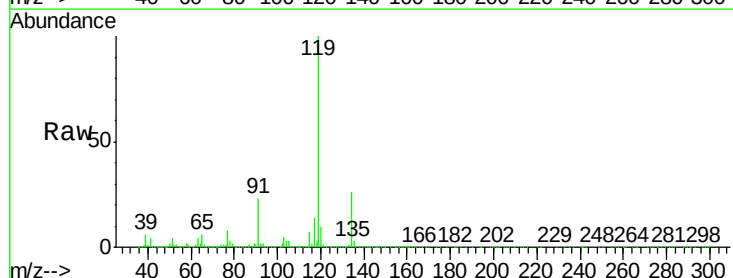
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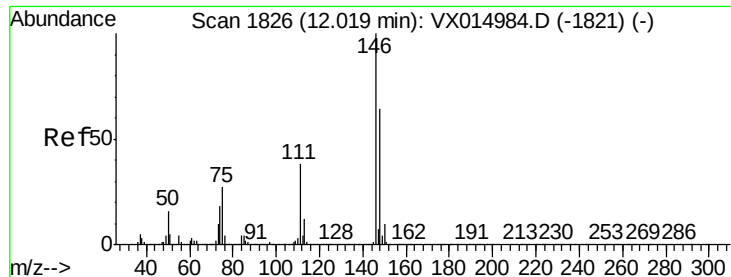
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#82
 p-Isopropyltoluene
 Concen: 20.109 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	379954		
134	26.6	0.0	53.2	
91	22.3	0.0	44.6	





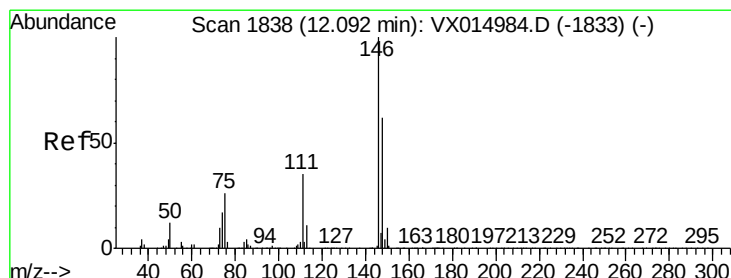
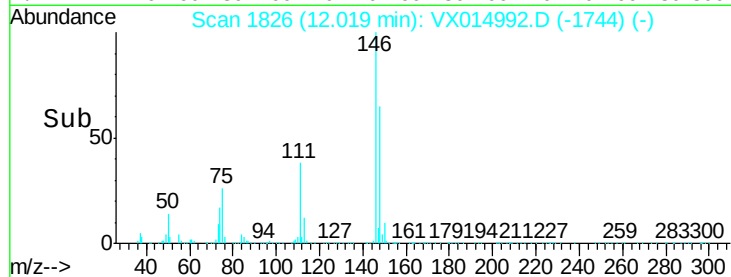
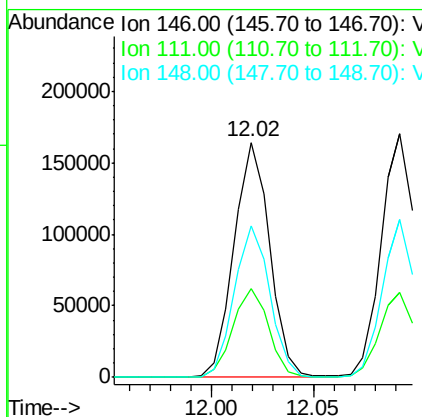
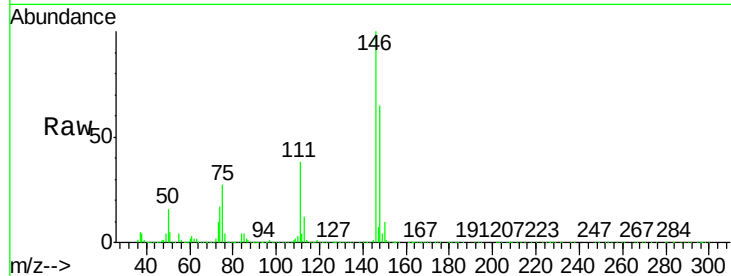
#83
 1,3-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	64.0	32.3	96.9

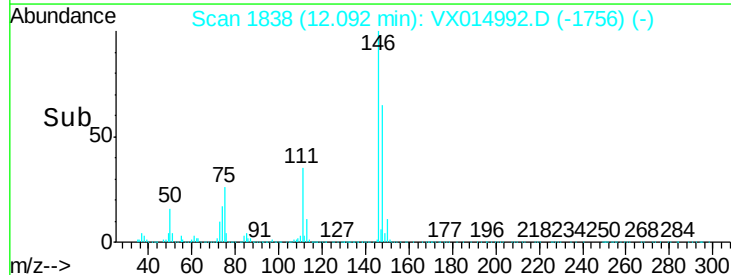
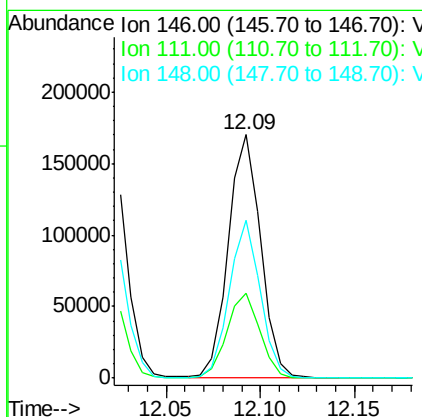
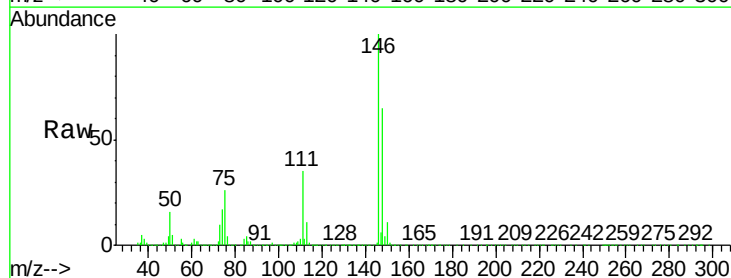
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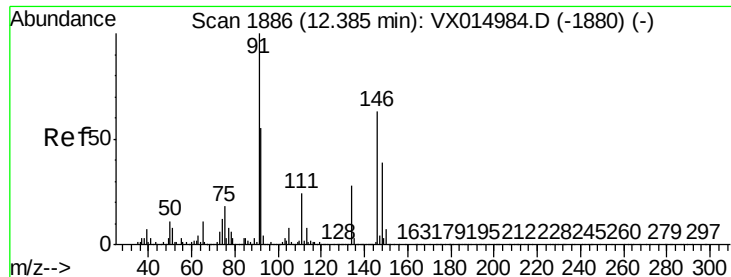
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#84
 1,4-Dichlorobenzene
 Concen: 20.268 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.8	53.5
148	62.4	31.4	94.2





#85

n-Butylbenzene

Concen: 19.981 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Instrument :

MSVOA_X

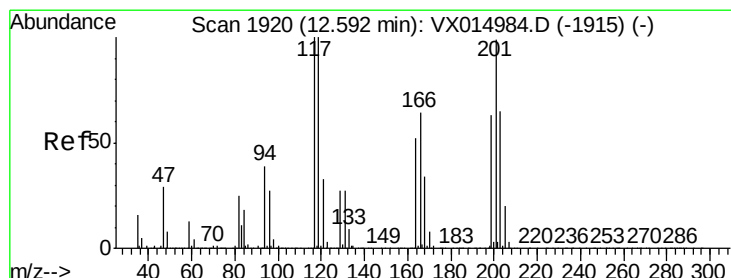
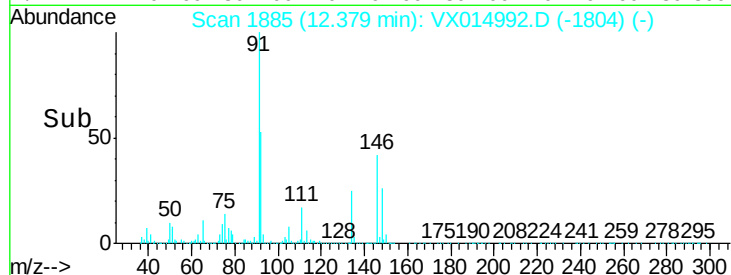
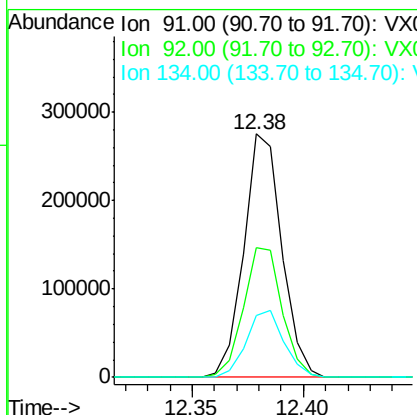
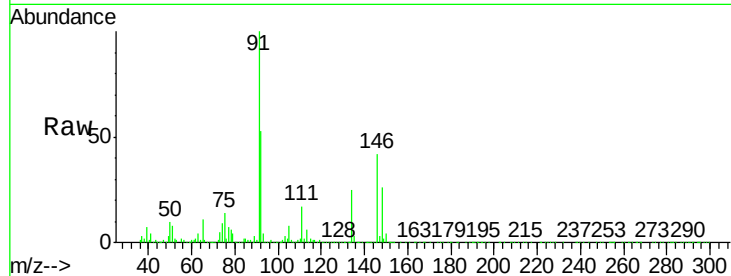
ClientSampleId :

VX0221WBS01

Tot Ion:	91	Resp:	328534
Ion Ratio	Lower	Upper	
91	100		
92	54.4	0.0	109.8
134	27.4	0.0	54.8

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#86

Hexachloroethane

Concen: 19.126 ug/l

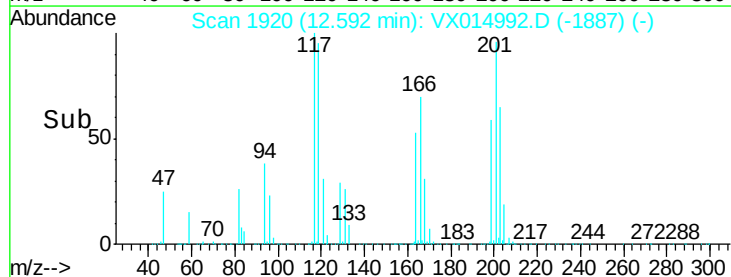
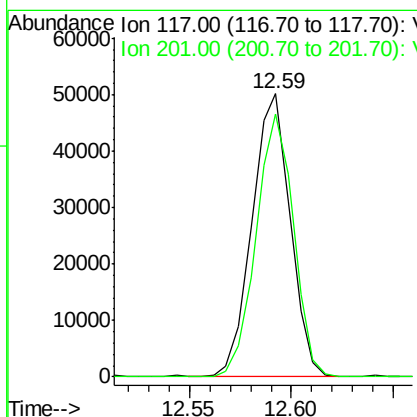
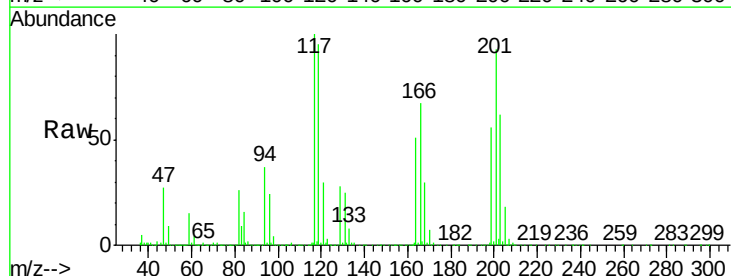
RT: 12.59 min Scan# 1920

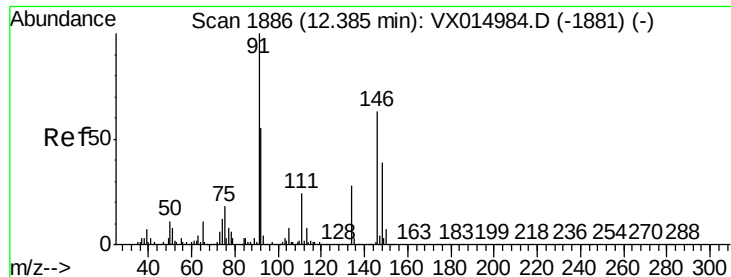
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion:	117	Resp:	65321
Ion Ratio	Lower	Upper	
117	100		
201	90.7	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 20.052 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

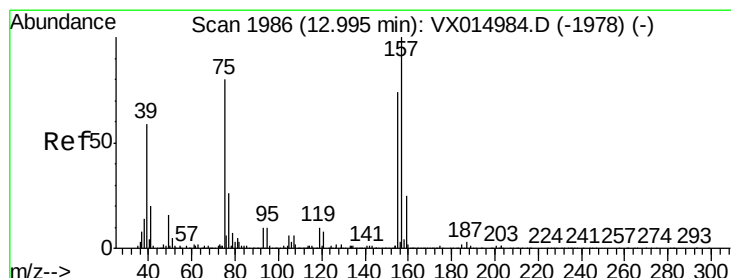
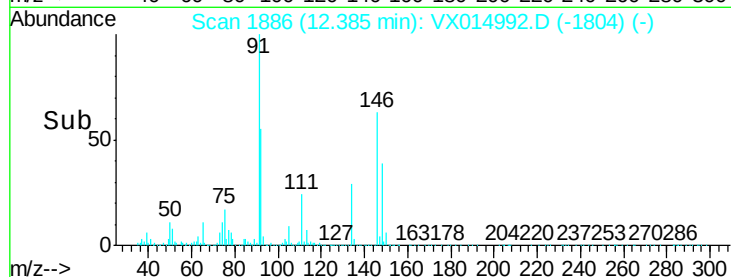
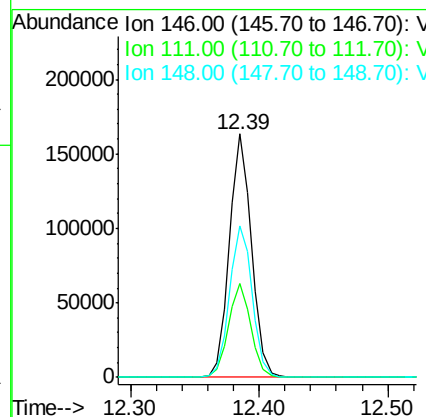
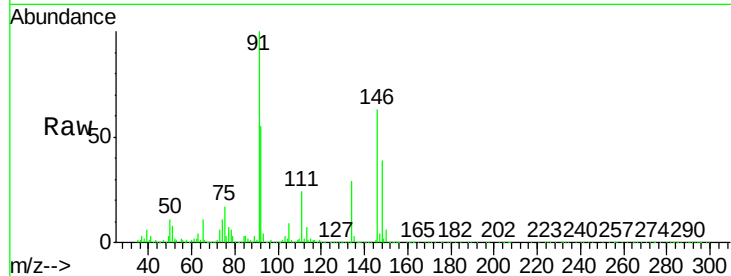
Instrument :
MSVOA_X

ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	63.5	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.471 ug/l

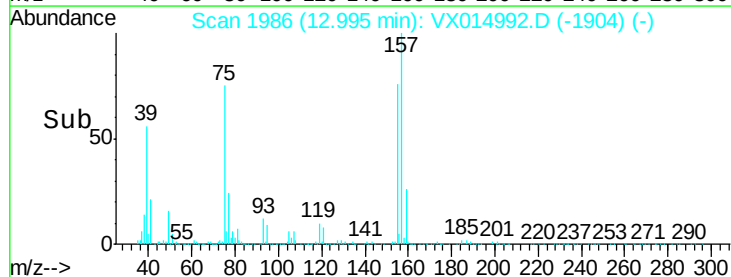
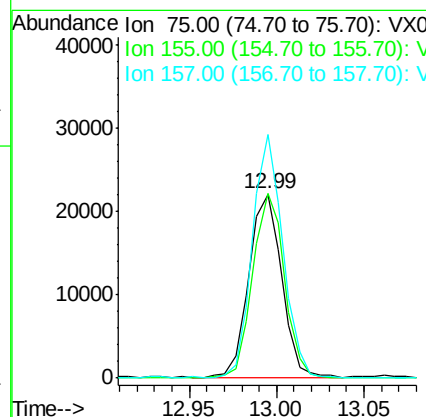
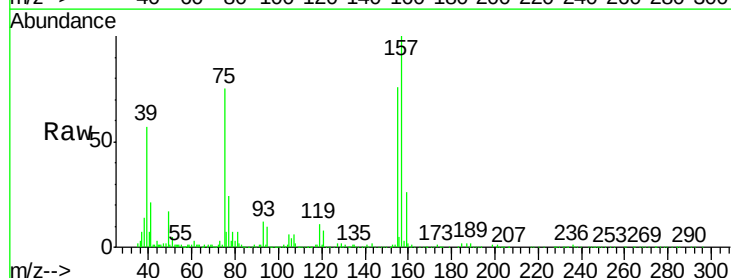
RT: 12.99 min Scan# 1986

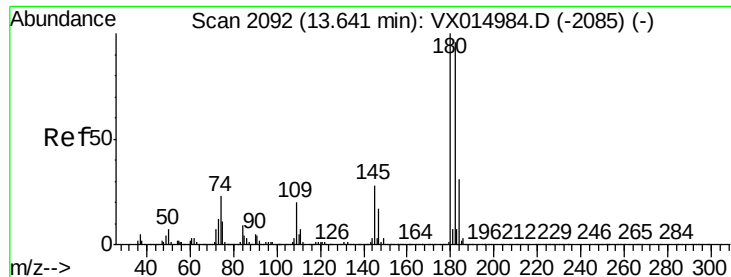
Delta R.T. 0.00 min

Lab File: VX014992.D

Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	74.5	111.7
157	123.8	96.2	144.4





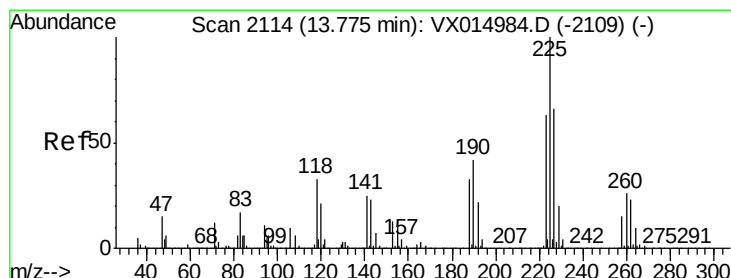
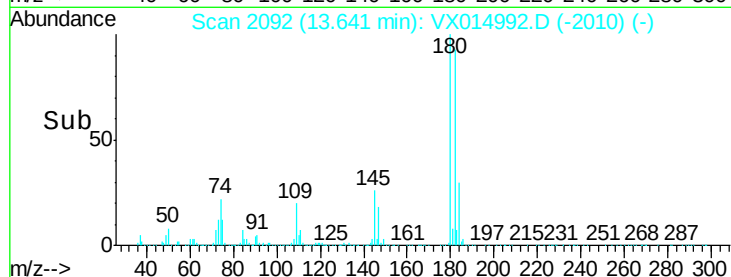
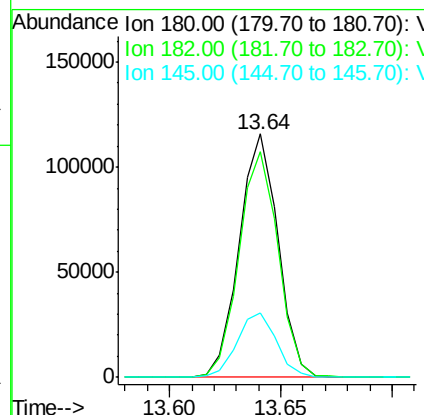
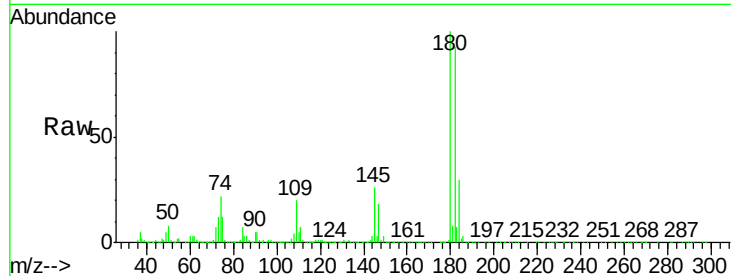
#89
 1,2,4-Trichlorobenzene
 Concen: 19.705 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140092		
182	93.9	76.4	114.6	
145	27.2	21.8	32.6	

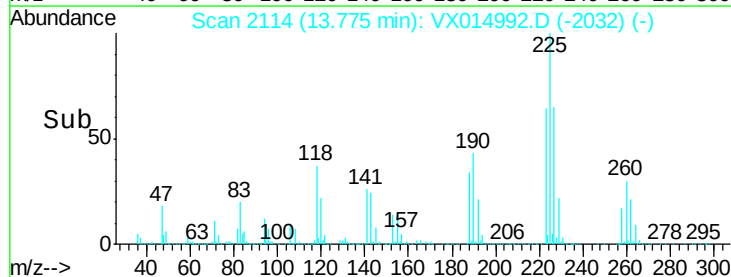
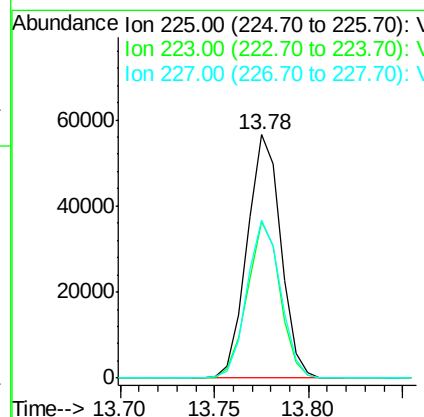
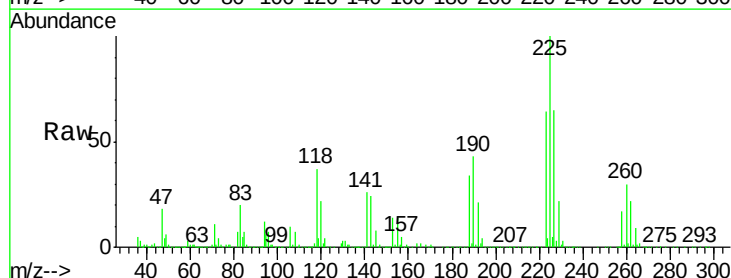
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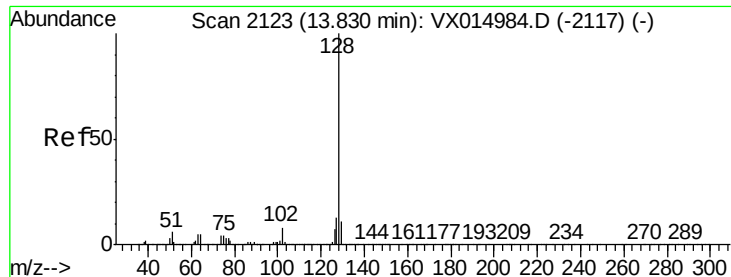
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#90
 Hexachlorobutadiene
 Concen: 19.862 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014992.D
 Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70130		
223	62.8	0.0	132.0	
227	64.6	0.0	131.0	





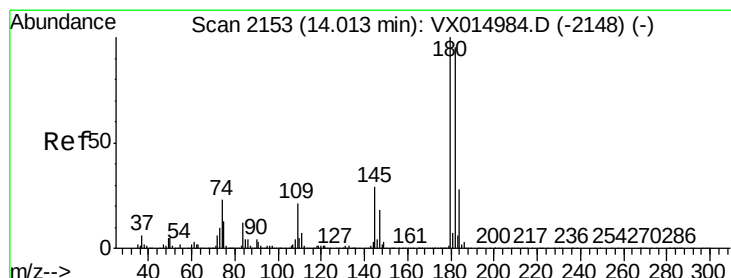
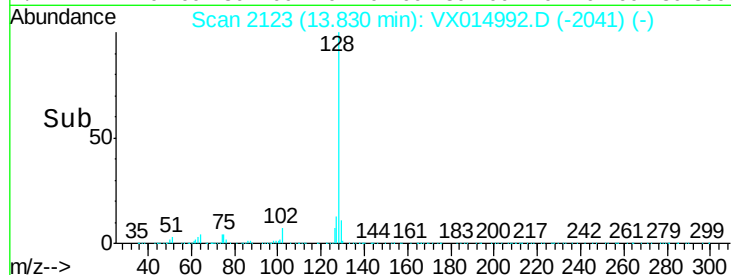
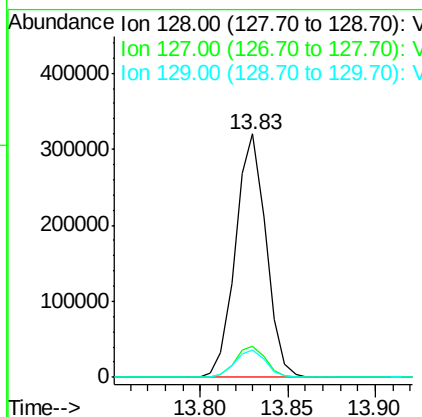
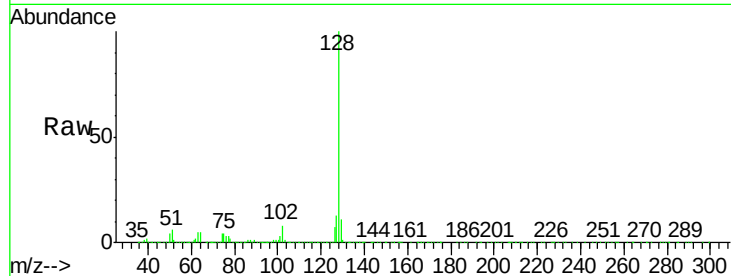
#91
Naphthalene
Concen: 19.298 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.4	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 19.617 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014992.D
Acq: 21 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	0.0	192.4
145	29.3	0.0	60.4

