

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022120\
 Data File : VX014988.D
 Acq On : 21 Feb 2020 11:30
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:29:10 AM

Quant Time: Feb 22 00:40:45 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	83905	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	453410	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	411115	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	169795	29.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.00%
60) 4-Bromofluorobenzene	11.13	95	187402	29.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.57%
63) Toluene-d8	8.71	98	542703	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	68616	18.313	ug/l 97
3) Chloromethane	1.32	50	96519	19.922	ug/l 97
4) Vinyl Chloride	1.40	62	95265	18.270	ug/l 100
5) Bromomethane	1.64	94	71240	19.510	ug/l 96
6) Chloroethane	1.72	64	63038	18.048	ug/l 98
7) Trichlorofluoromethane	1.93	101	141558	18.654	ug/l 98
8) Diethyl Ether	2.18	74	60462	18.940	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83244	18.974	ug/l 99
10) 1,1-Dichloroethene	2.37	96	80779	18.314	ug/l 97
11) Methyl Iodide	2.50	142	83206	15.525	ug/l 97
12) Methyl Acetate	2.76	43	102762	18.723	ug/l 97
13) Acrolein	2.28	56	99800	91.426	ug/l 99
14) Acrylonitrile	3.12	53	235078	94.837	ug/l 99
15) Acetone	2.43	58	82495	92.996	ug/l 93
16) Carbon Disulfide	2.56	76	224809	18.956	ug/l 100
17) Allyl chloride	2.72	41	141911	18.496	ug/l 99
18) Methylene Chloride	2.85	84	94598	18.615	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	90979	18.779	ug/l 99
20) Diisopropyl ether	3.84	45	292404	18.661	ug/l 98
21) 1,1-Dichloroethane	3.69	63	161772	18.833	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	104736	18.892	ug/l 99
23) tert-Butyl Alcohol	3.01	59	96694	98.408	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	281483	19.182	ug/l 99
25) Chloroform	5.20	83	162215	18.727	ug/l 96
26) Cyclohexane	5.57	56	143861	18.739	ug/l # 100
29) 1,1-Dichloropropene	5.78	75	120830	18.841	ug/l 100
30) 2-Butanone	4.65	43	355844	96.129	ug/l 99
31) 2,2-Dichloropropane	4.57	77	133838	19.006	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	138259	18.984	ug/l 98
33) Carbon Tetrachloride	5.78	117	120645	18.924	ug/l 95
34) Benzene	6.13	78	367556	18.993	ug/l 98
35) Methacrylonitrile	5.02	41	70140	18.575	ug/l 99
36) 1,2-Dichloroethane	6.18	62	131382	19.180	ug/l 98
37) Trichloroethene	7.20	130	104396	19.214	ug/l 96
38) Methylcyclohexane	7.45	83	152828	19.225	ug/l 99
39) 1,2-Dichloropropane	7.50	63	93348	18.740	ug/l 95
40) Dibromomethane	7.65	93	61780	18.574	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	122836	18.695	ug/l	98
42) Vinyl Acetate	3.80	43	1264843	97.076	ug/l	99
43) Ethyl Acetate	4.81	43	131670	19.659	ug/l	98
44) Isopropyl Acetate	6.43	43	216108	19.193	ug/l	98
45) 1,4-Dioxane	7.73	88	40344	387.773	ug/l	98
46) Methyl methacrylate	7.76	41	104317	18.727	ug/l	99
47) n-amyl Acetate	10.89	43	183199	18.781	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	138211	18.960	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	151773	18.912	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	94069	18.983	ug/l	97
51) Ethyl methacrylate	9.17	69	146094	19.101	ug/l	99
52) 1,3-Dichloropropane	9.36	76	159053	18.973	ug/l	99
53) Dibromochloromethane	9.57	129	101828	19.006	ug/l	100
54) 1,2-Dibromoethane	9.67	107	101256	19.246	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	363770	89.287	ug/l	100
56) Bromoform	10.85	173	77211	18.384	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	660560	98.040	ug/l	99
59) 2-Hexanone	9.48	43	513034	97.454	ug/l	99
61) Tetrachloroethene	9.33	164	103615	18.765	ug/l	99
62) Toluene	8.78	91	398699	18.934	ug/l	99
64) Chlorobenzene	10.13	112	257299	19.143	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	94790	19.039	ug/l	98
66) Ethyl Benzene	10.25	91	442261	19.066	ug/l	99
67) m/p-Xylenes	10.35	106	344486	38.513	ug/l	98
68) o-Xylene	10.69	106	165401	19.111	ug/l	98
69) Styrene	10.71	104	276096	18.678	ug/l	99
70) Isopropylbenzene	11.01	105	440156	19.146	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	143111	19.334	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	118958m	17.245	ug/l	
73) Bromobenzene	11.25	156	116525	18.758	ug/l	98
74) n-propylbenzene	11.35	91	499641	19.095	ug/l	100
75) 2-Chlorotoluene	11.42	91	297184	19.220	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	368110	19.106	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	44530	17.986	ug/l	95
78) 4-Chlorotoluene	11.51	91	341218	19.078	ug/l	99
79) tert-butylbenzene	11.76	119	360050	19.343	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	364362	19.022	ug/l	99
81) sec-Butylbenzene	11.94	105	425668	19.095	ug/l	98
82) p-Isopropyltoluene	12.06	119	394072	19.029	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	206504	18.964	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	207426	18.916	ug/l	99
85) n-Butylbenzene	12.39	91	329393	18.278	ug/l	99
86) Hexachloroethane	12.59	117	67691	18.083	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	205319	18.948	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	30188	18.726	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	143175	18.374	ug/l	99
90) Hexachlorobutadiene	13.78	225	74085	19.144	ug/l	96
91) Naphthalene	13.83	128	411980	18.674	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	142983	18.481	ug/l	100

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ClientSampleId :
ICVVX022120

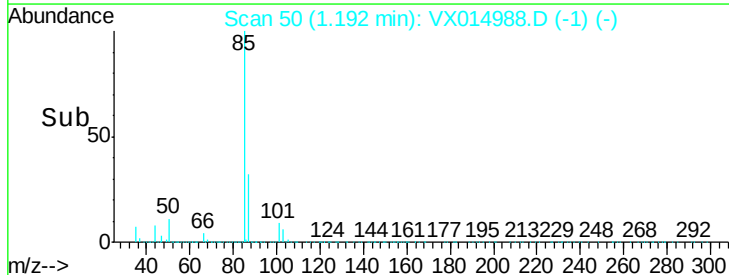
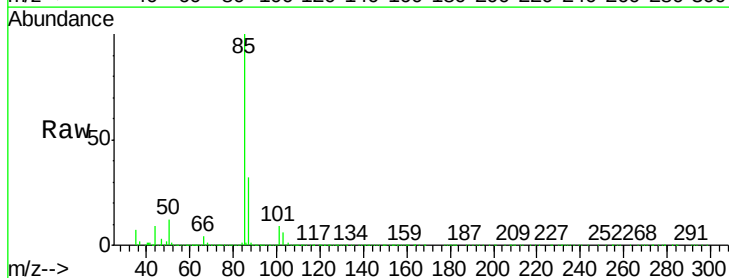
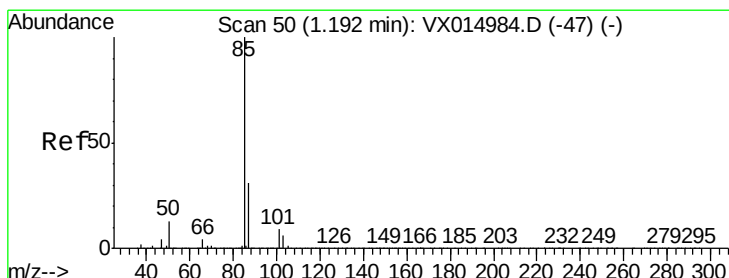
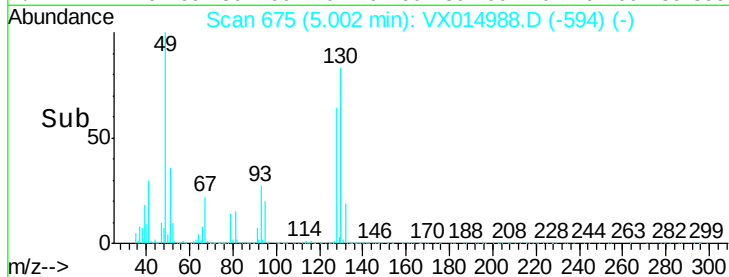
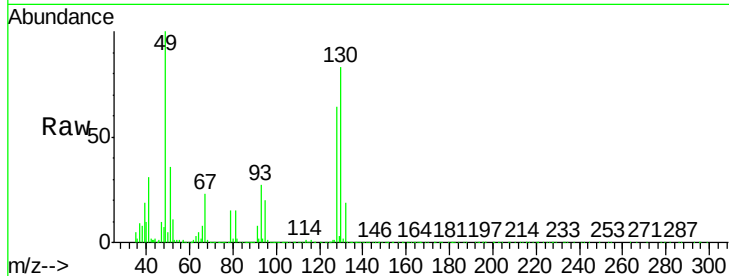
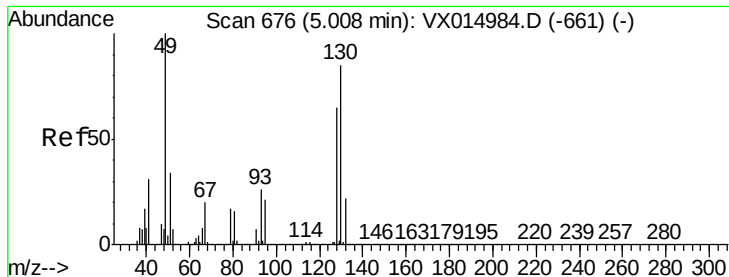
Manual Integrations
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Response via : Initial Calibration

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: VX014988.D

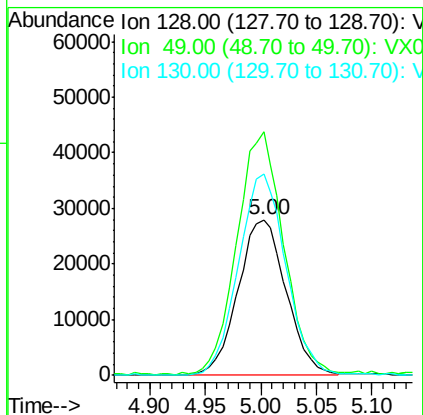
Acq: 21 Feb 2020 11:30

Tot Ion:	128	Resp:	83905
Ion	Ratio	Lower	Upper
128	100		
49	151.7	0.0	384.7
130	127.9	0.0	330.8

Instrument :
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#2

Dichlorodifluoromethane

Concen: 18.313 ug/l

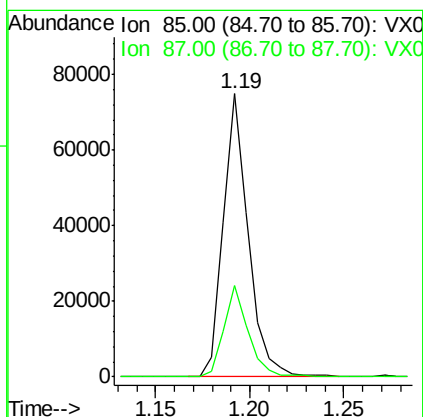
RT: 1.19 min Scan# 50

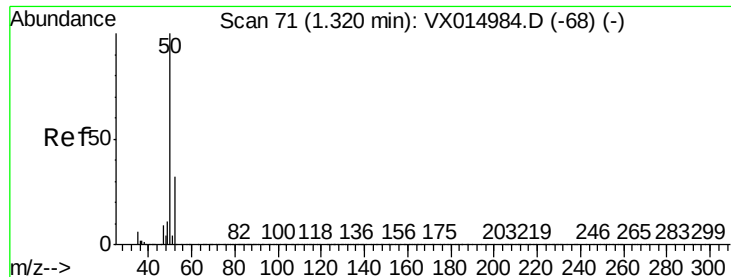
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	85	Resp:	68616
Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.3	45.9





#3

Chloromethane

Concen: 19.922 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 50 Resp: 96519

Ion Ratio Lower Upper

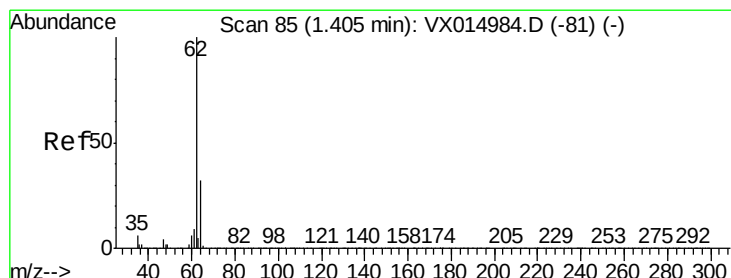
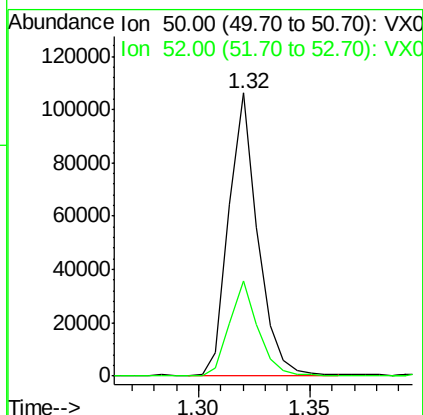
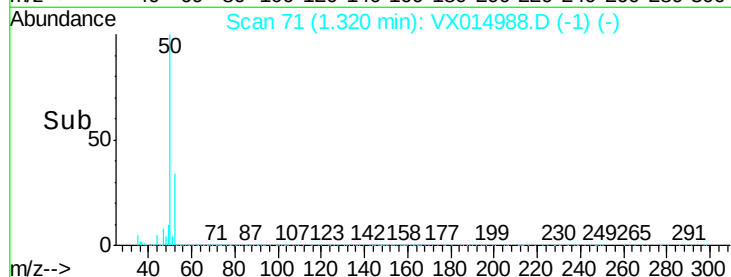
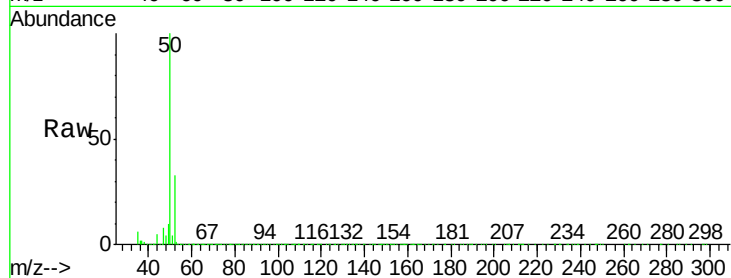
50 100

52 33.4 25.4 38.0

Manual Integrations
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2/24/2020 11:29:10 AM



#4

Vinyl Chloride

Concen: 18.270 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014988.D

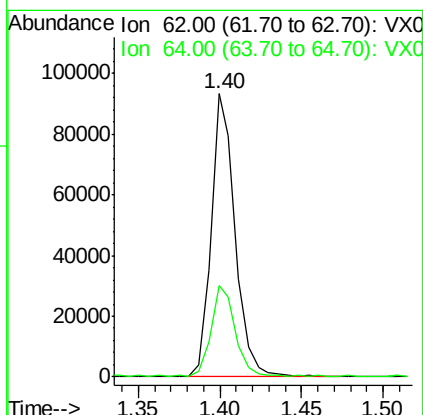
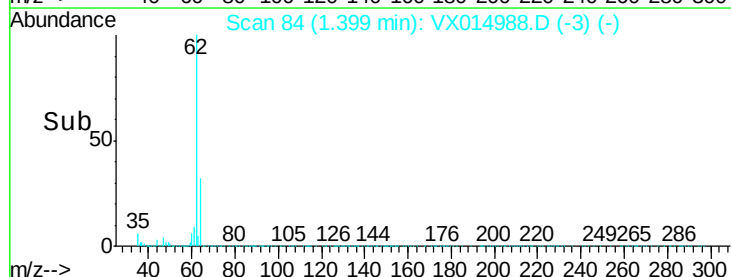
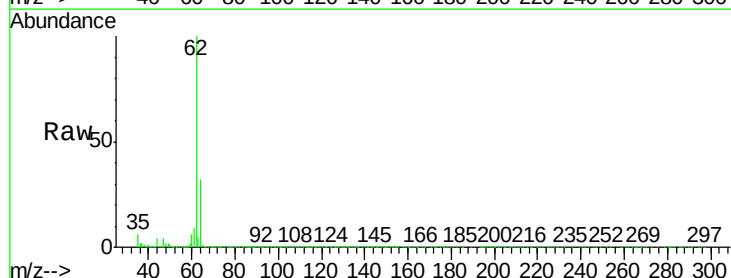
Acq: 21 Feb 2020 11:30

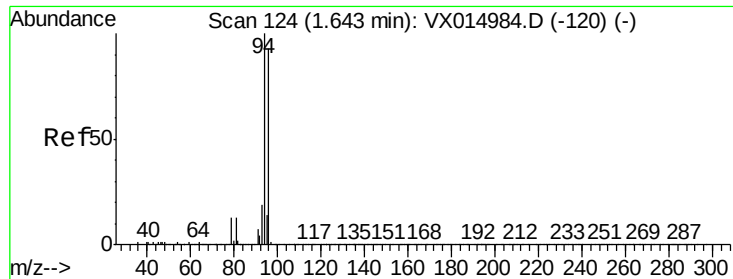
Tgt Ion: 62 Resp: 95265

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 19.510 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 94 Resp: 71240

Ion Ratio Lower Upper

94 100

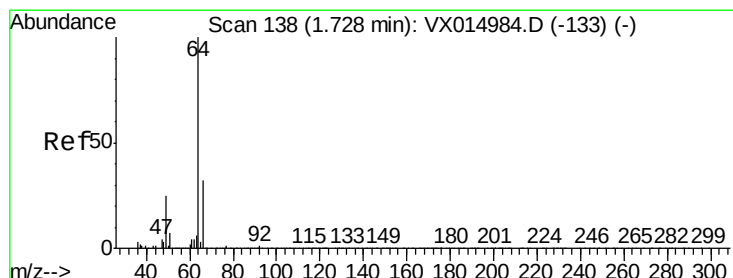
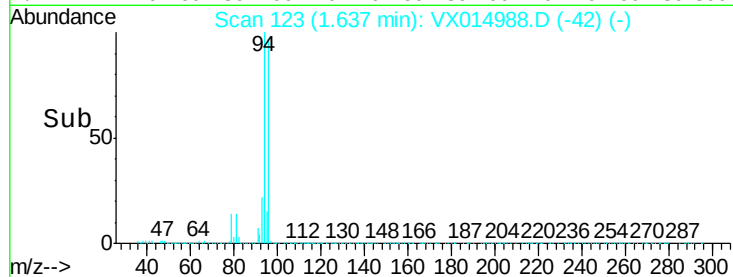
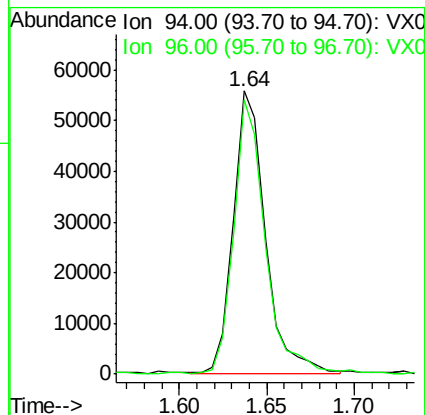
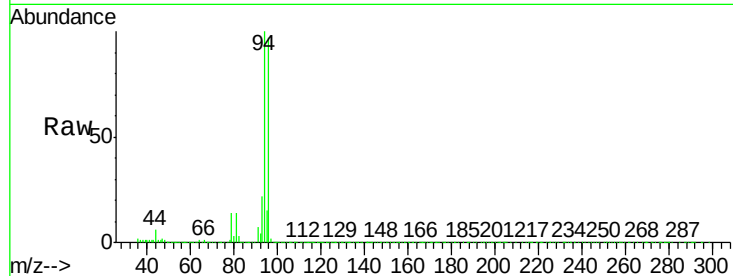
96 97.4 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 18.048 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014988.D

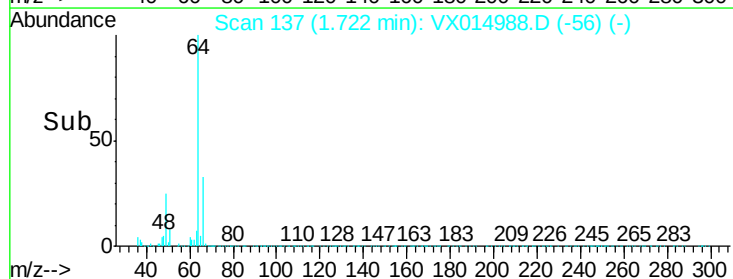
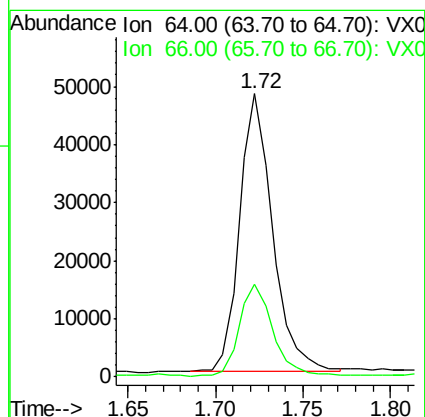
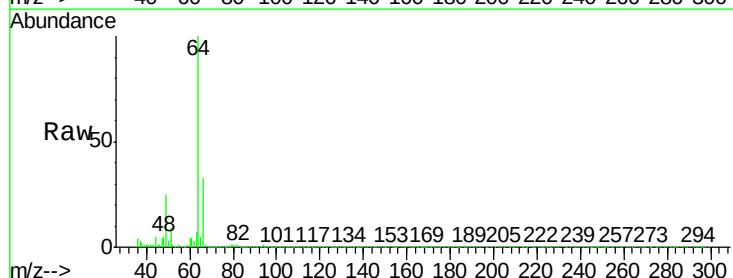
Acq: 21 Feb 2020 11:30

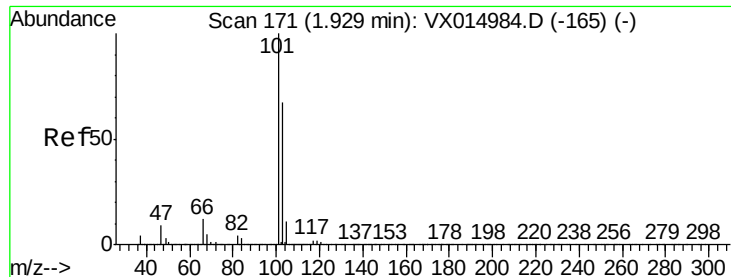
Tgt Ion: 64 Resp: 63038

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.6





#7

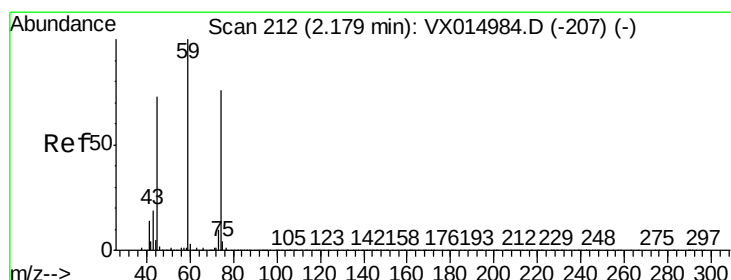
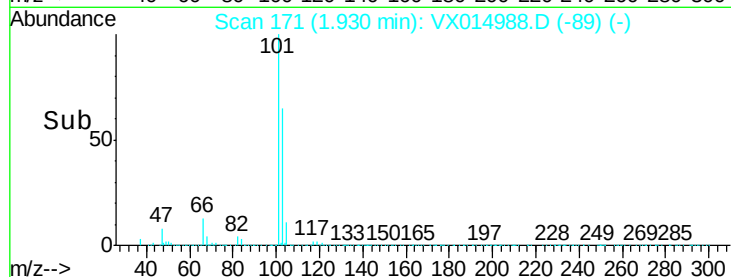
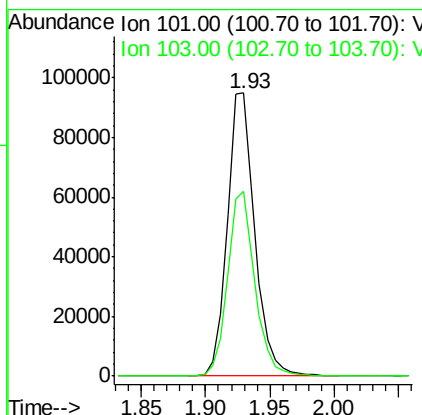
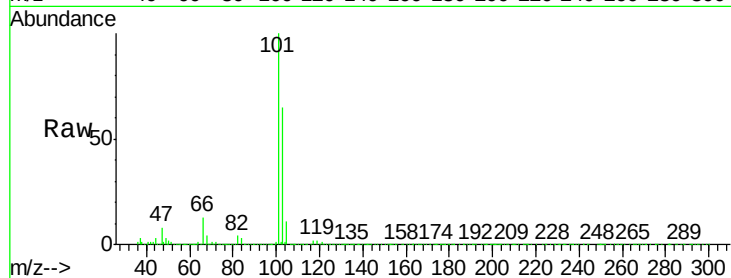
Trichlorofluoromethane
Concen: 18.654 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014988.D
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Tot Ion	Ratio	Resp Lower	Upper
101	100		
103	65.1	53.4	80.2

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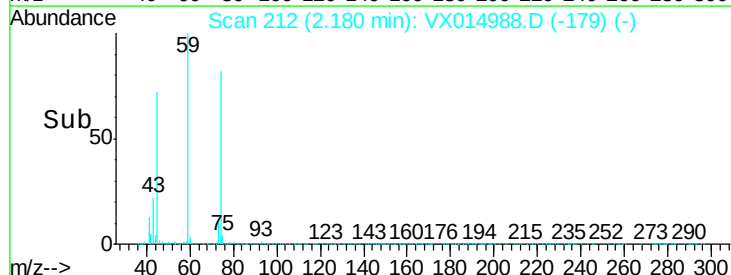
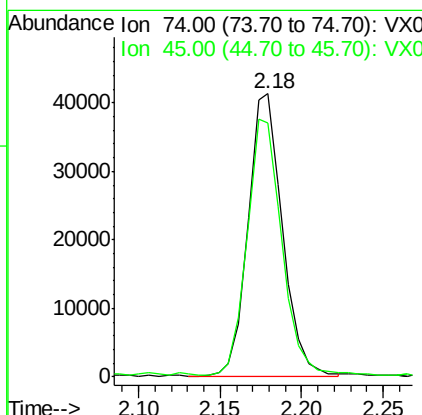
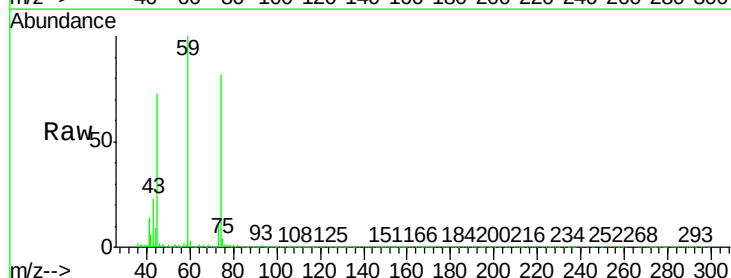
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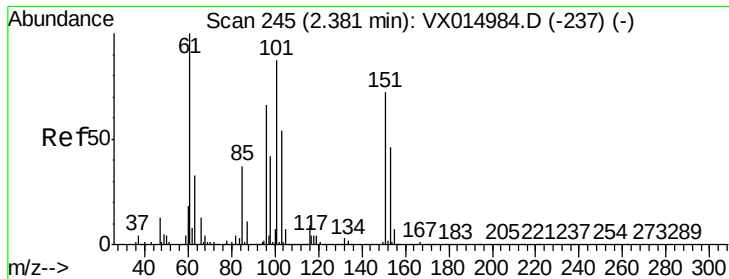


#8

Diethyl Ether
Concen: 18.940 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp Lower	Upper
74	100		
45	92.2	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.974 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014988.D

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Instrument :

MSVOA_X

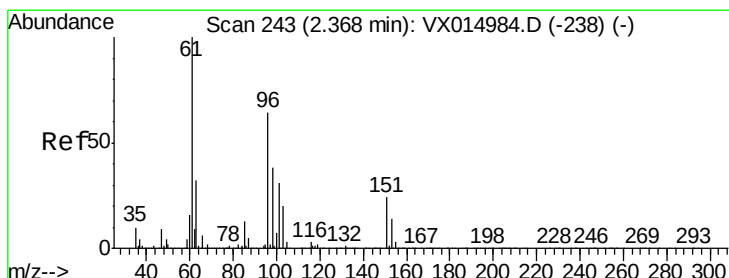
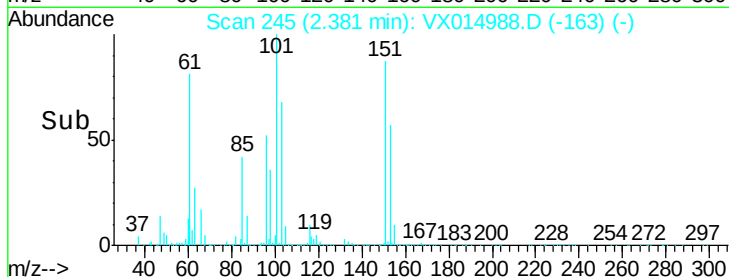
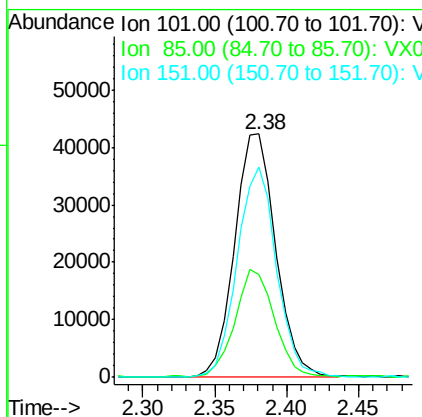
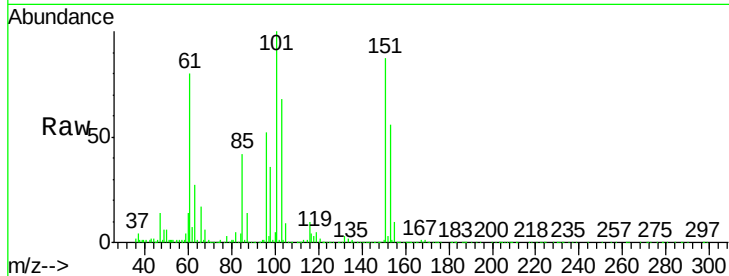
ClientSampleId :

ICVVX022120

Tot Ion:	101	Resp:	83244
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	86.6
151	83.7	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 18.314 ug/l

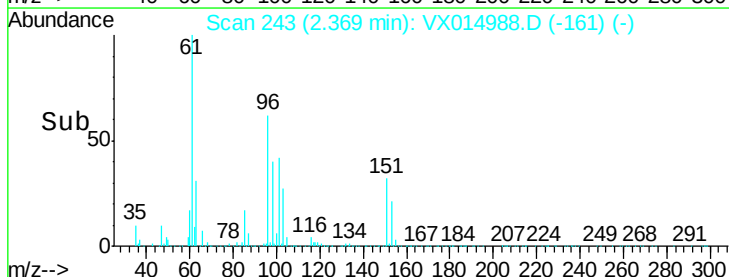
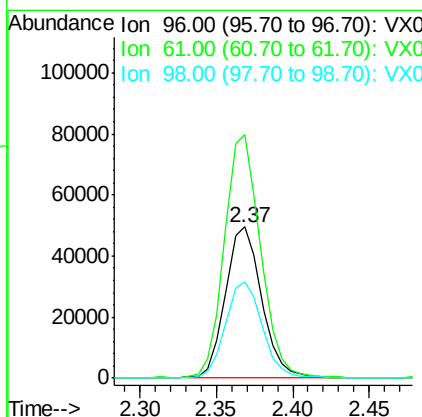
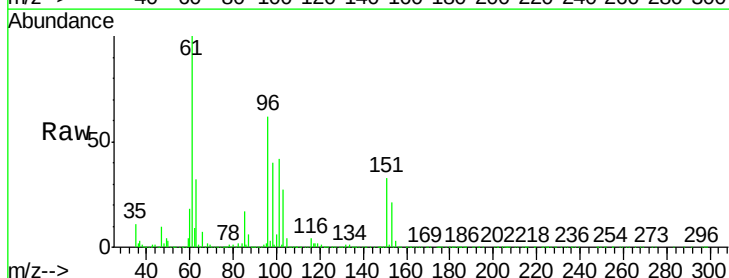
RT: 2.37 min Scan# 243

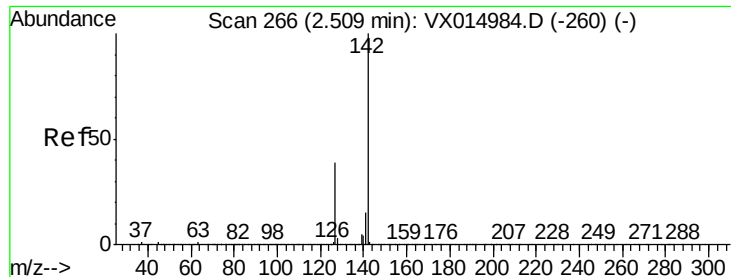
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	96	Resp:	80779
Ion Ratio	Lower	Upper	
96	100		
61	160.9	126.1	189.1
98	63.7	48.2	72.2





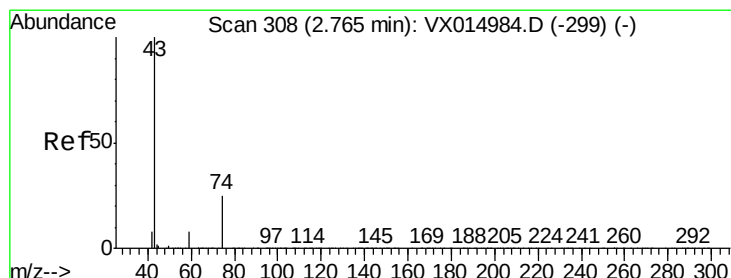
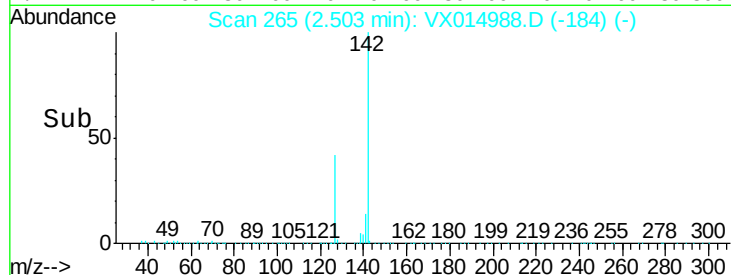
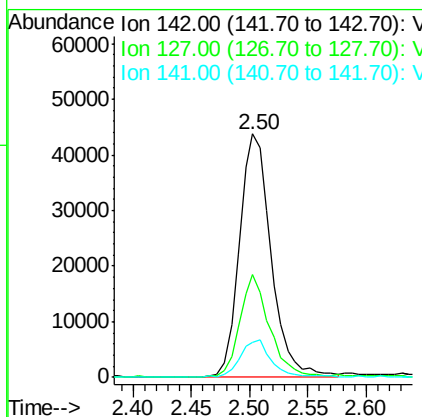
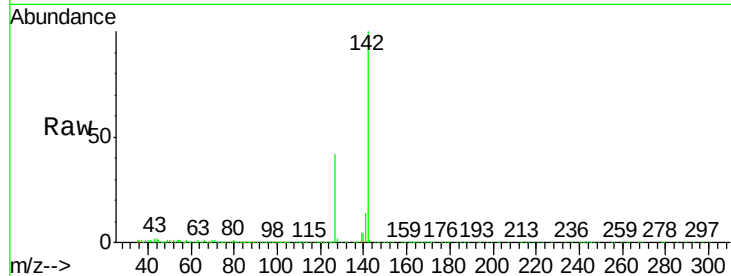
#11
Methvl Iodide
Concen: 15.525 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.6	19.7	59.0
141	14.1	7.4	22.2

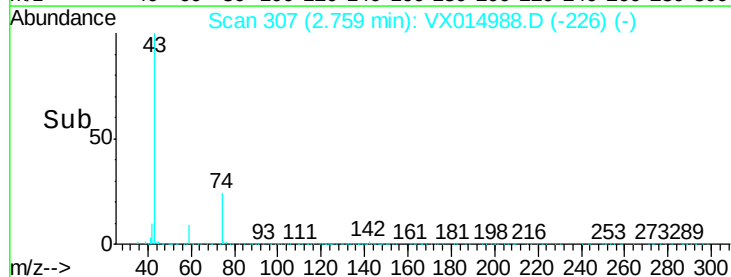
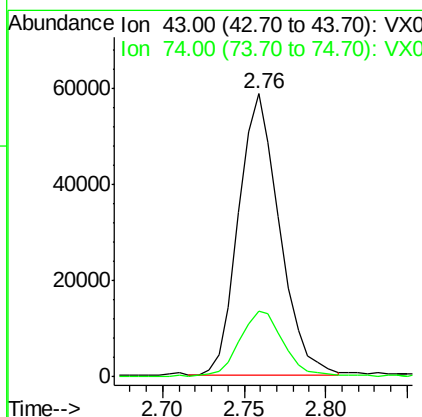
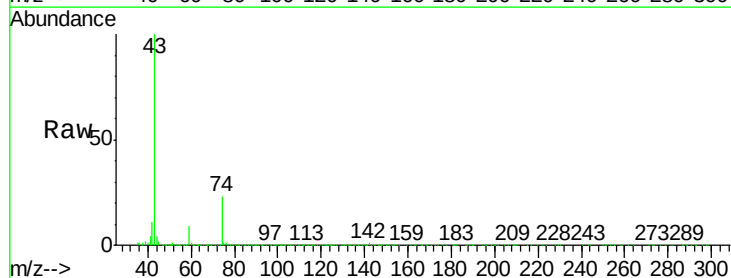
Manual Integrations
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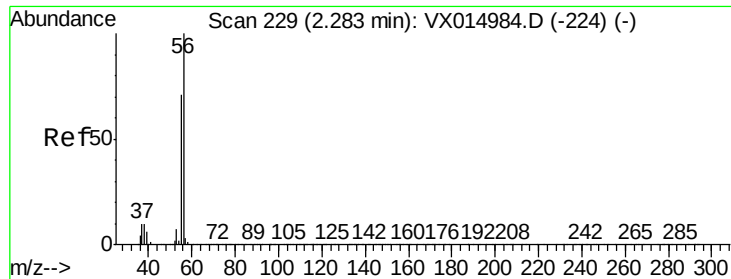
MMDadoda
2/24/2020 11:29:10 AM



#12
Methyl Acetate
Concen: 18.723 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.8	29.8





#13

Acrolein

Concen: 91.426 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 56 Resp: 99800

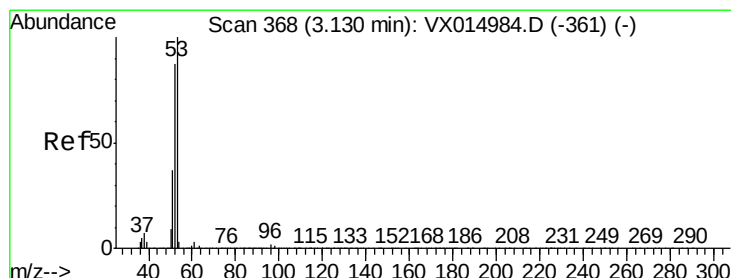
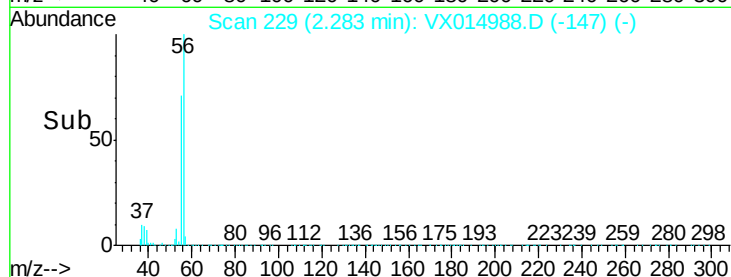
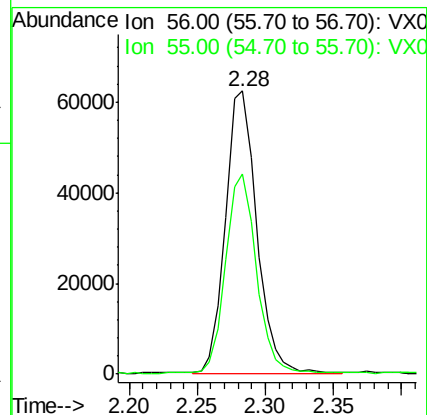
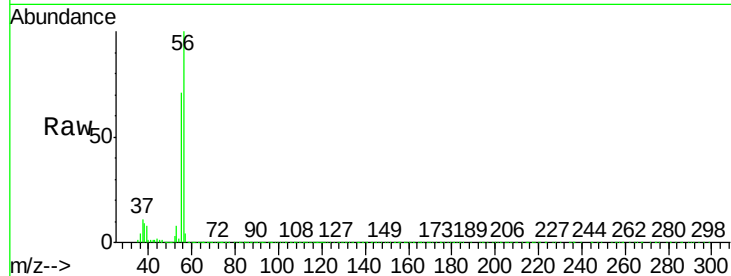
Ion Ratio Lower Upper

56 100

55 69.2 56.2 84.2

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#14

Acrylonitrile

Concen: 94.837 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

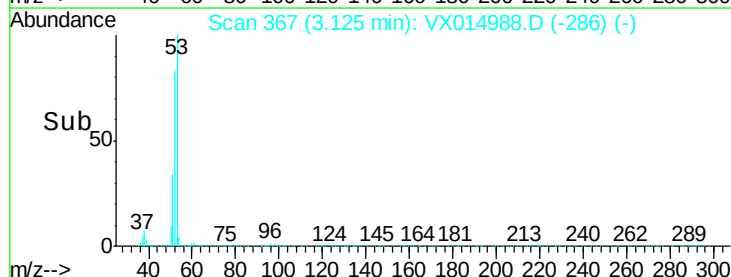
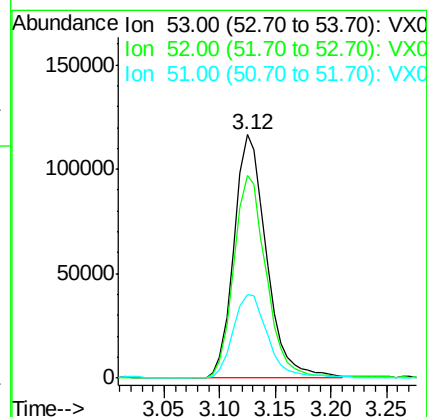
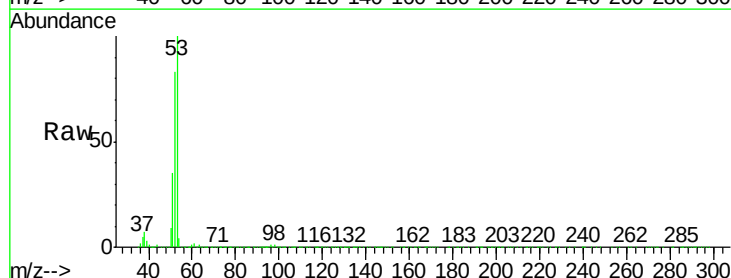
Tgt Ion: 53 Resp: 235078

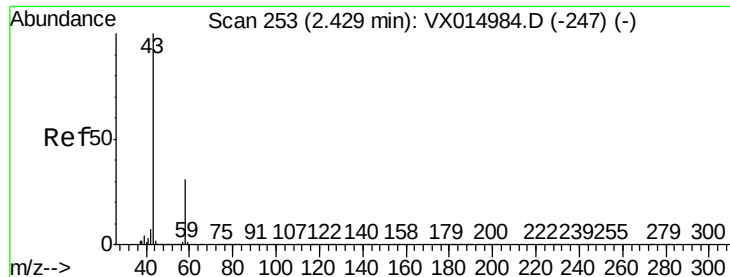
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.6 18.1 54.4





#15

Acetone

Concen: 92.996 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 58 Resp: 82495

Ion Ratio Lower Upper

58 100

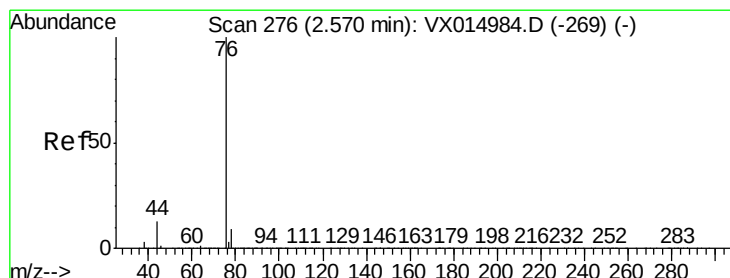
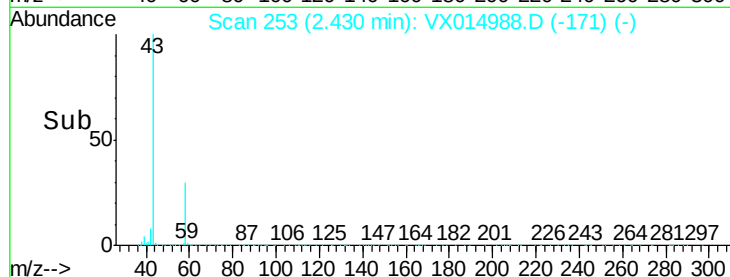
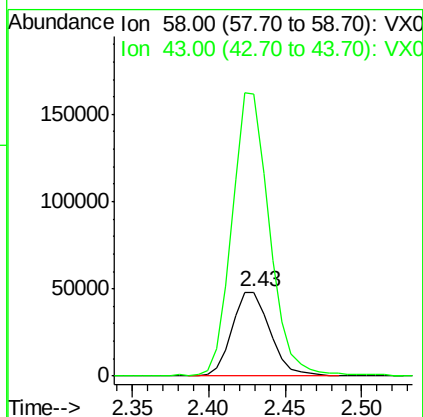
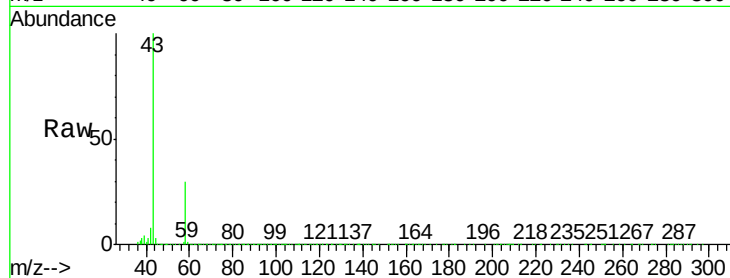
43 337.3 257.7 386.5

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#16

Carbon Disulfide

Concen: 18.956 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014988.D

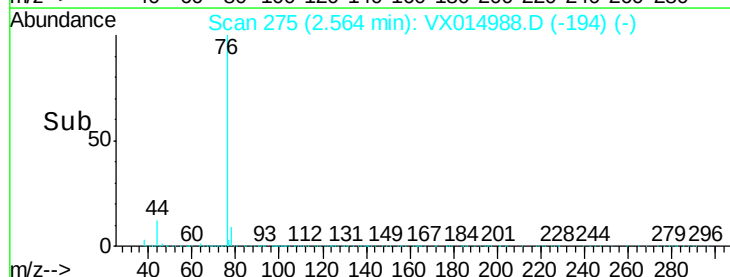
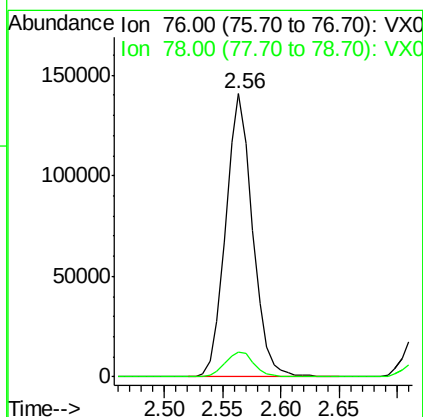
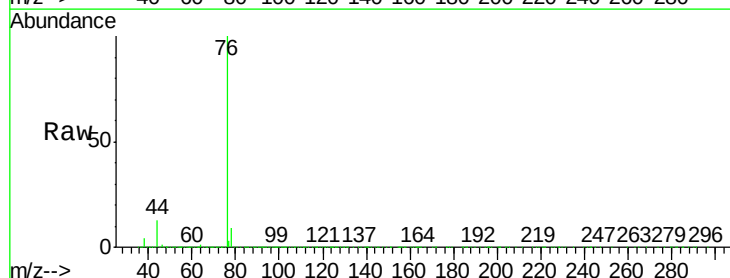
Acq: 21 Feb 2020 11:30

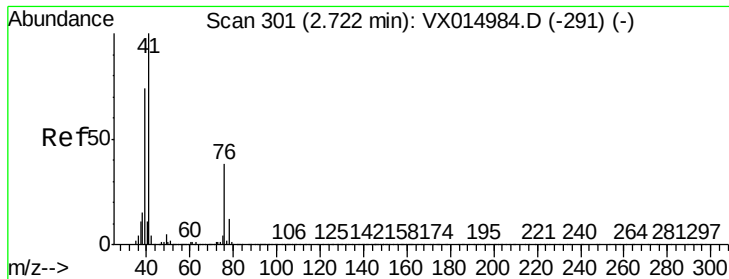
Tgt Ion: 76 Resp: 224809

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





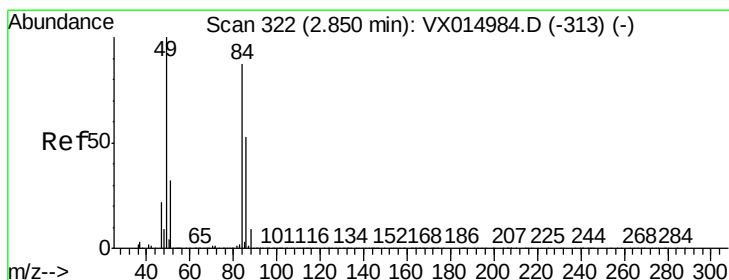
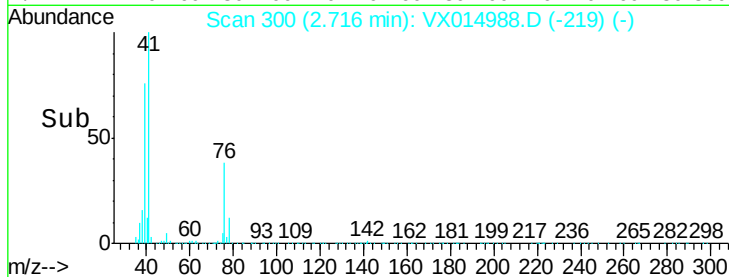
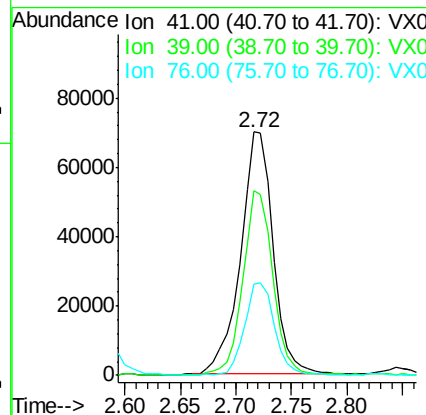
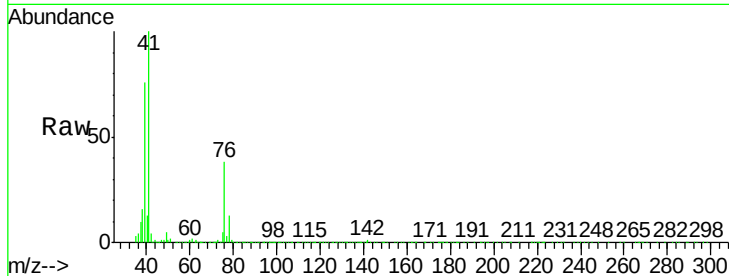
#17
Allvl chloride
Concen: 18.496 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion:	41	Resp:	141911
Ion Ratio		Lower	Upper
41	100		
39	76.1	37.1	111.5
76	37.6	18.8	56.4

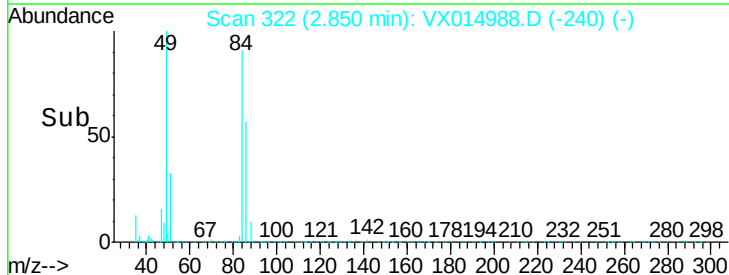
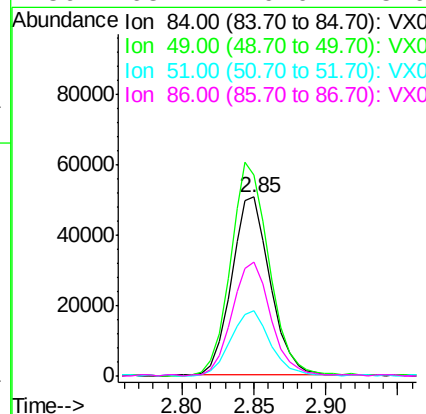
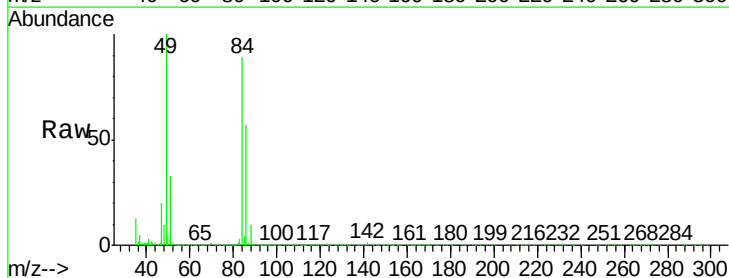
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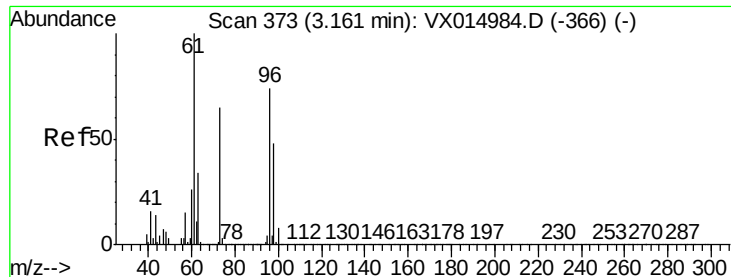
MMDadoda
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#18
Methylene Chloride
Concen: 18.615 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion:	84	Resp:	94598
Ion Ratio		Lower	Upper
84	100		
49	111.9	92.2	138.2
51	36.5	29.7	44.5
86	63.1	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 18.779 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

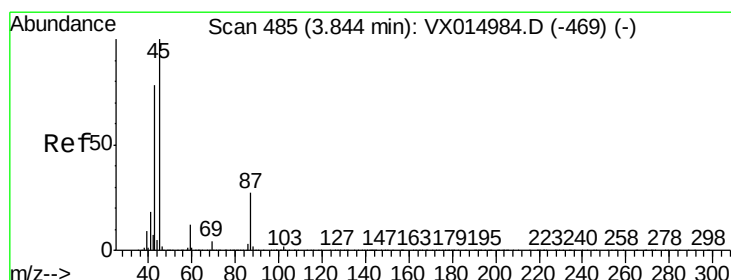
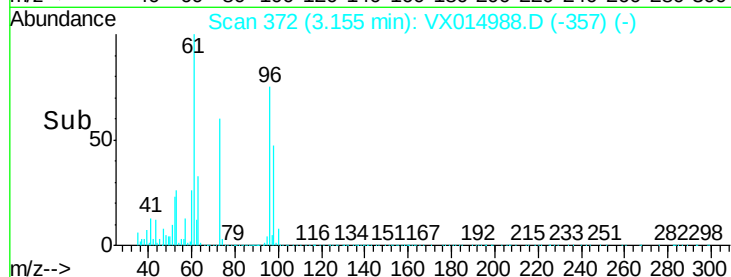
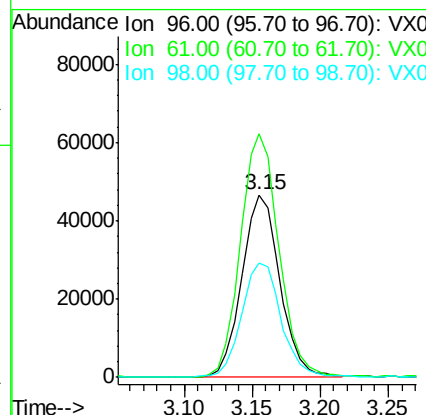
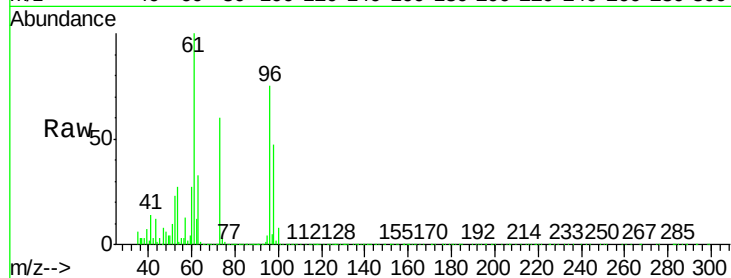
ClientSampleId :

ICVVX022120

Tot Ion:	96	Resp:	90979
Ion	Ratio	Lower	Upper
96	100		
61	133.5	107.1	160.7
98	62.4	51.4	77.2

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.661 ug/l

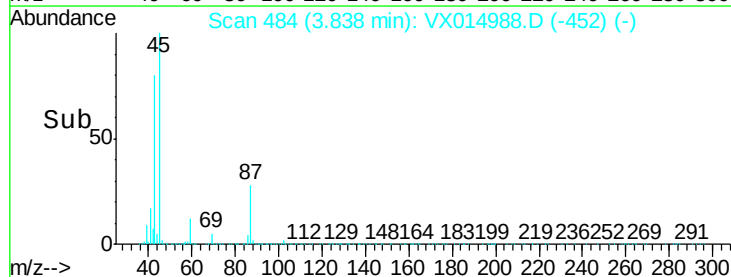
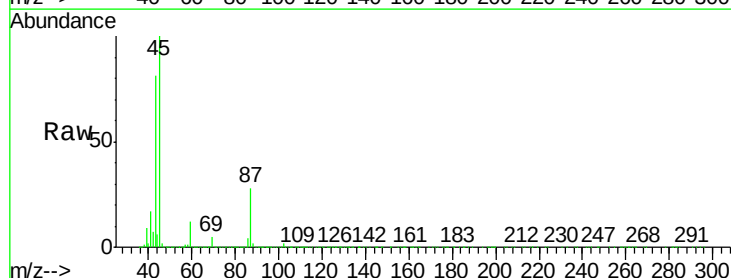
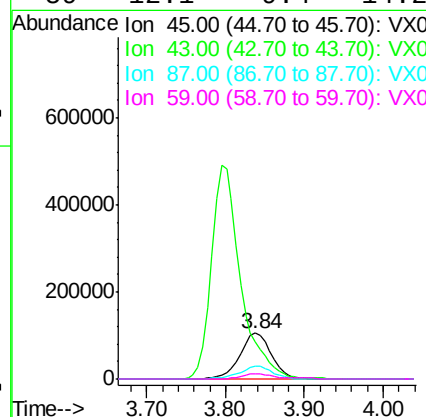
RT: 3.84 min Scan# 484

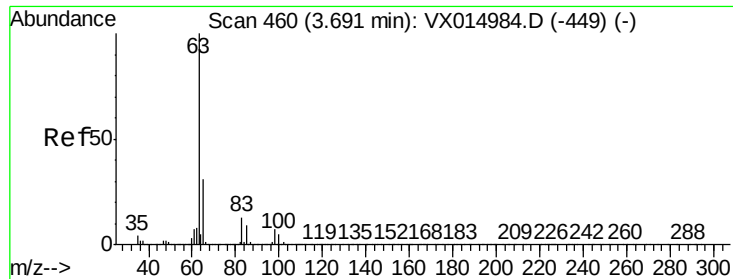
Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	45	Resp:	292404
Ion	Ratio	Lower	Upper
45	100		
43	79.7	62.3	93.5
87	28.0	21.8	32.6
59	12.1	9.4	14.2





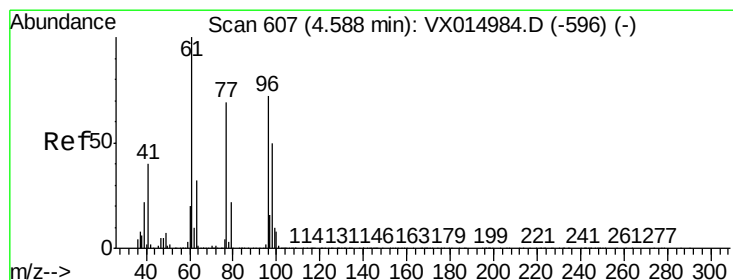
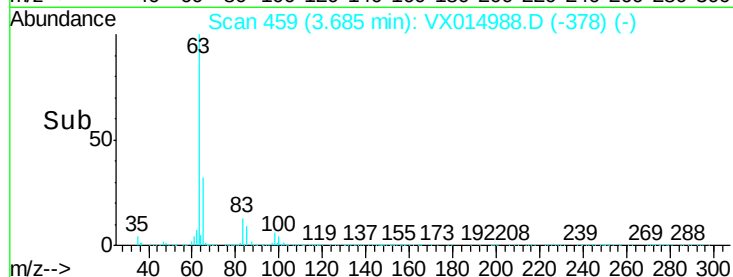
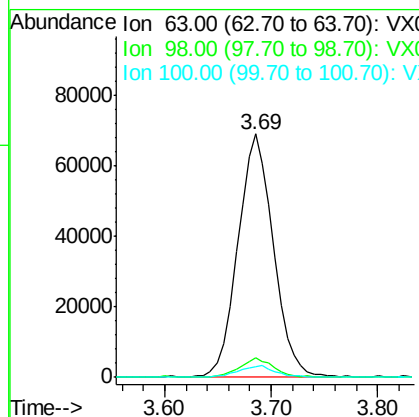
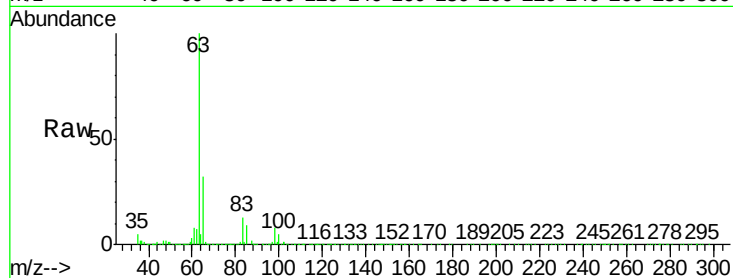
#21
1,1-Dichloroethane
Concen: 18.833 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.5
100	4.5	2.5	7.5

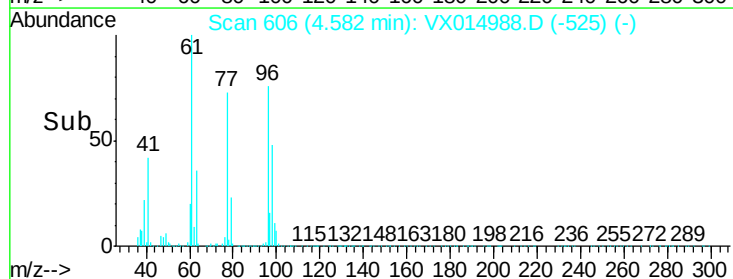
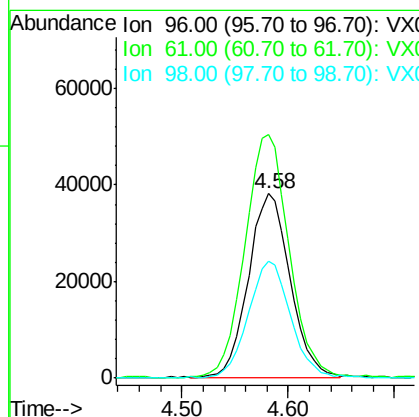
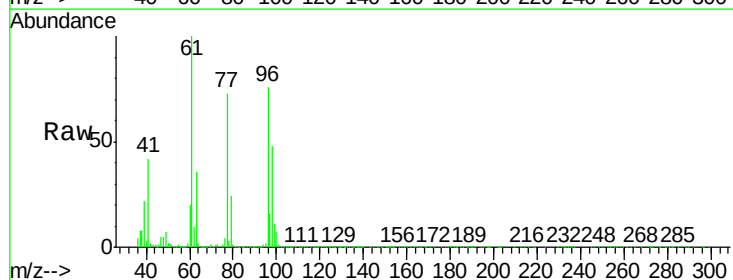
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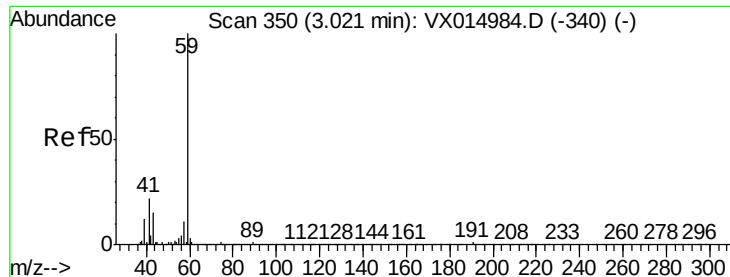
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 18.892 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	110.6	165.8
98	63.7	50.4	75.6





#23

tert-Butyl Alcohol

Concen: 98.408 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 59 Resp: 96694

Ion Ratio Lower Upper

59 100

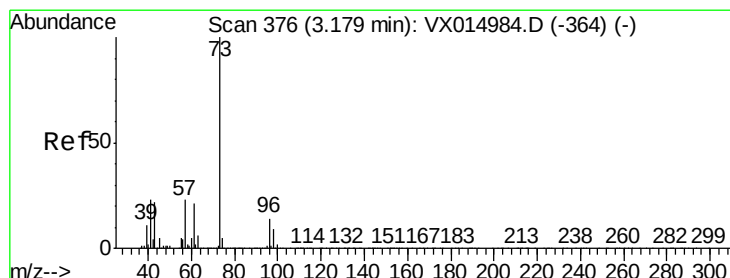
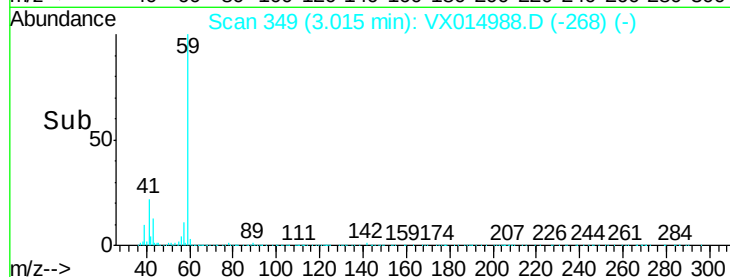
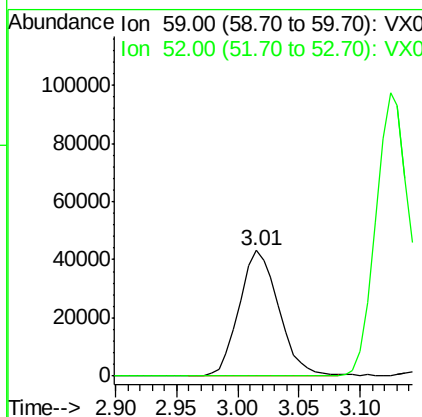
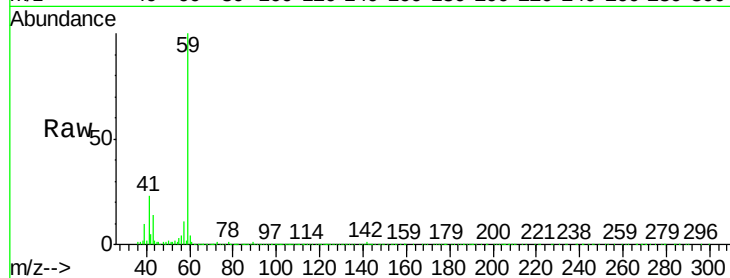
52 0.2 0.4 0.6#

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#24

Methyl tert-Butyl Ether

Concen: 19.182 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX014988.D

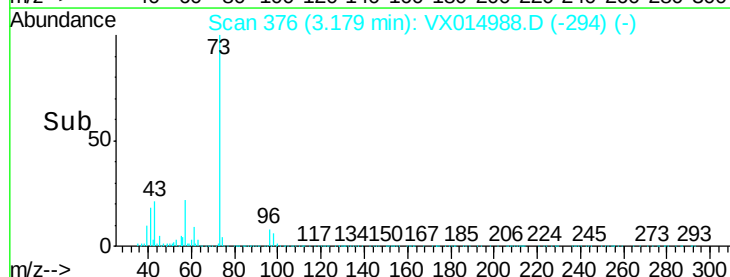
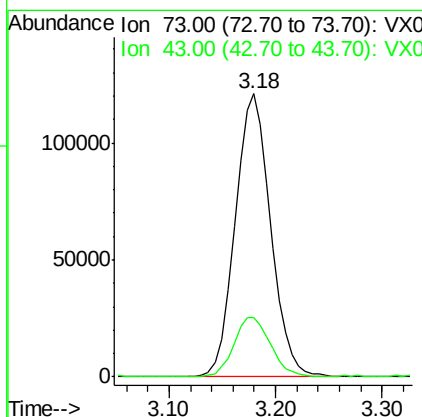
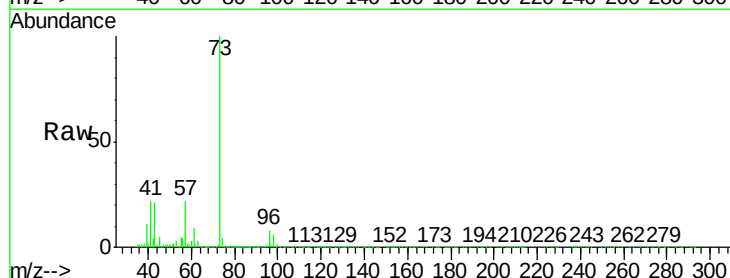
Acq: 21 Feb 2020 11:30

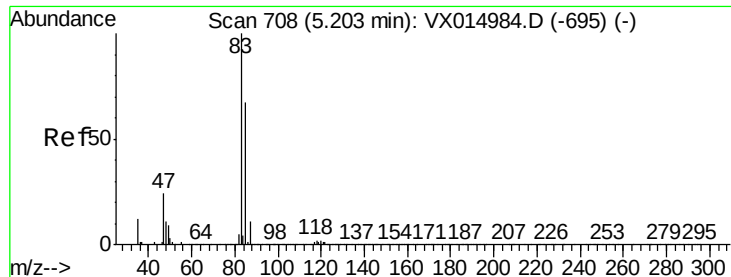
Tgt Ion: 73 Resp: 281483

Ion Ratio Lower Upper

73 100

43 21.4 17.7 26.5





#25

Chloroform

Concen: 18.727 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 83 Resp: 162215

Ion Ratio Lower Upper

83 100

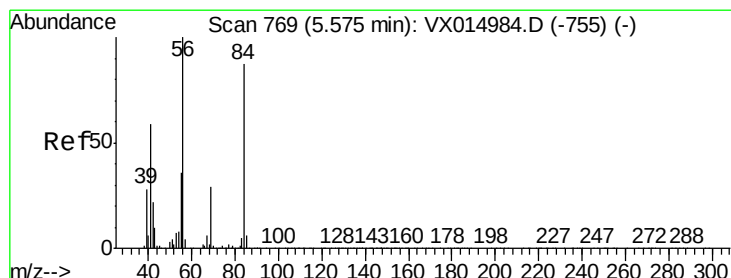
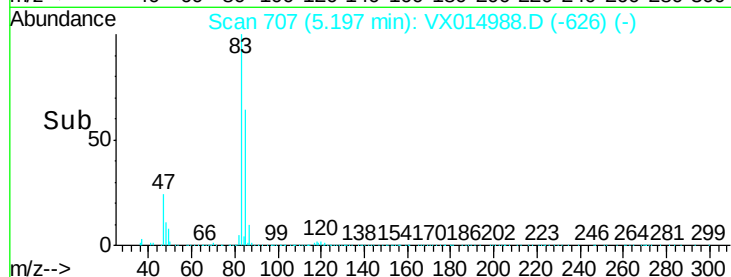
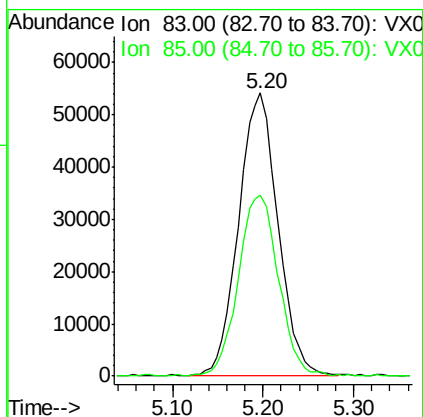
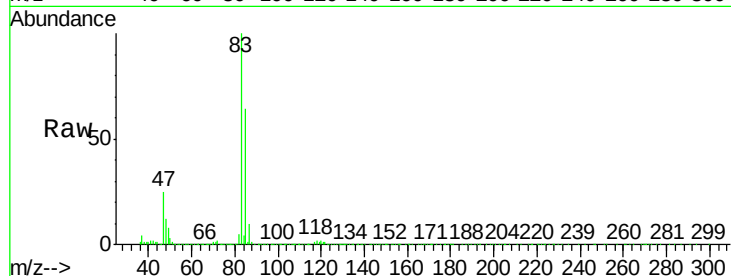
85 63.6 53.4 80.0

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#26

Cyclohexane

Concen: 18.739 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

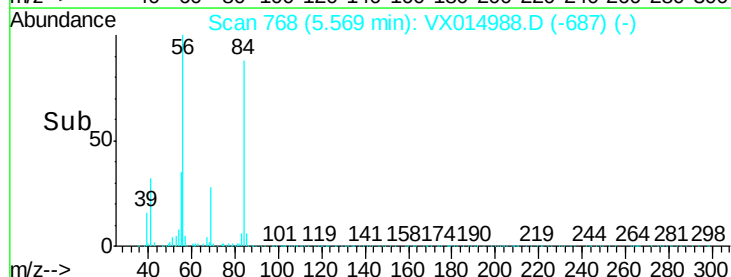
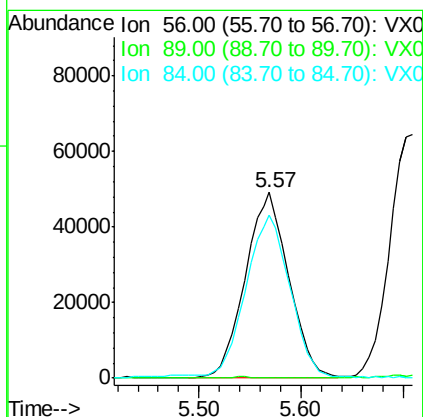
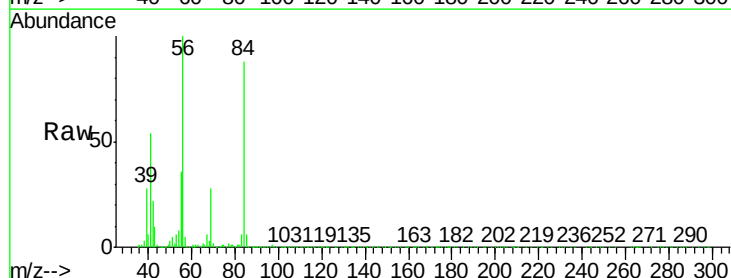
Tgt Ion: 56 Resp: 143861

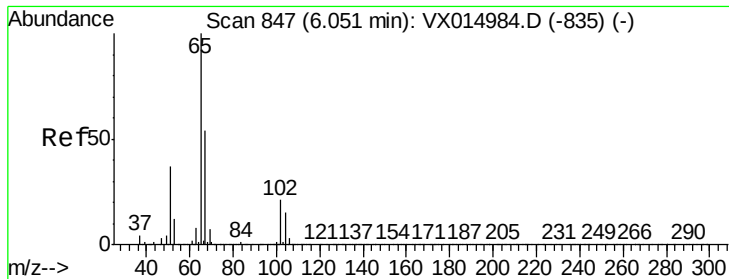
Ion Ratio Lower Upper

56 100

89 0.1 0.2 0.2#

84 89.8 71.8 107.8





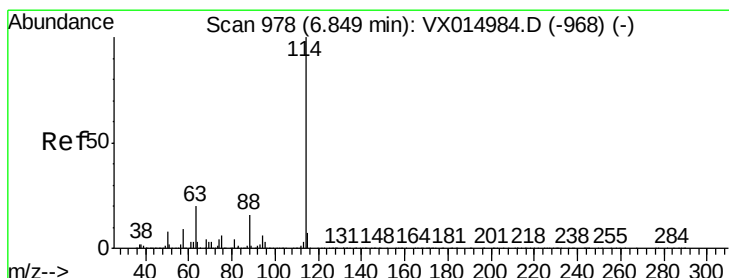
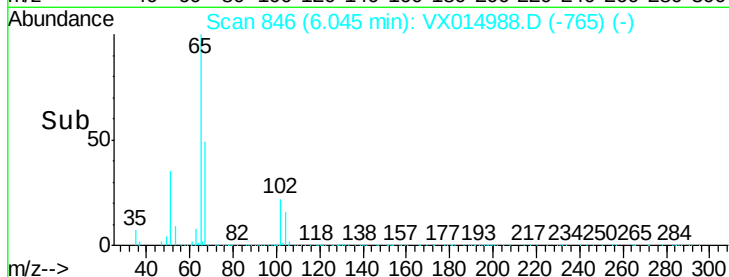
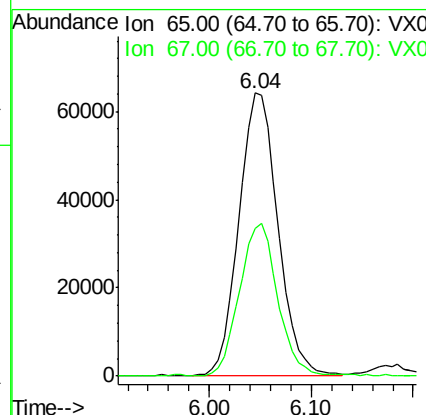
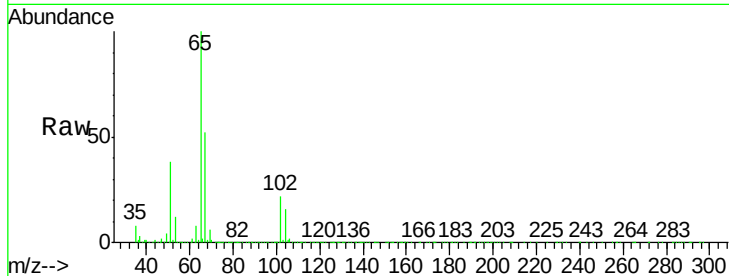
#27
 1,2-Dichloroethane-d4
 Concen: 29.102 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169795		
67	52.9		41.9	62.9

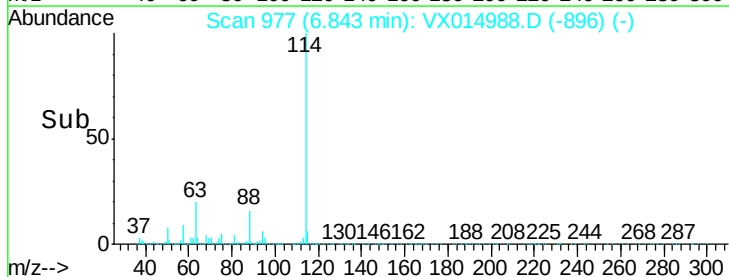
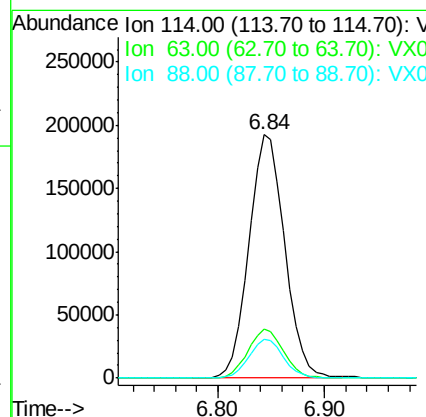
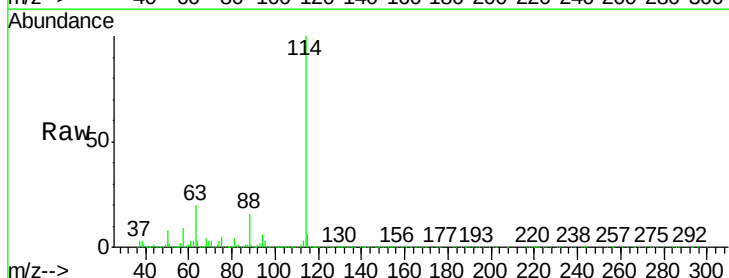
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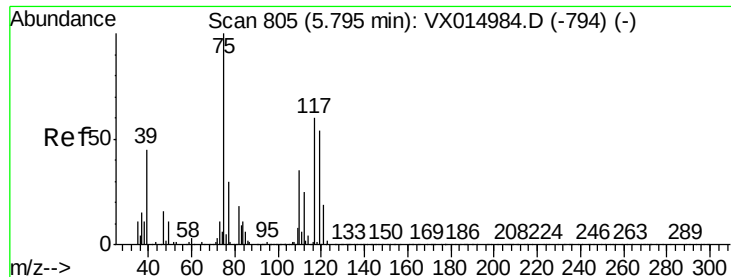
MMDadoda
 2/24/2020 11:29:10 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	453410		
63	19.9		15.6	23.4
88	15.3		12.2	18.2





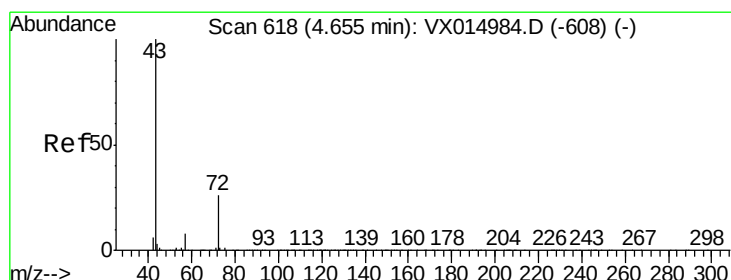
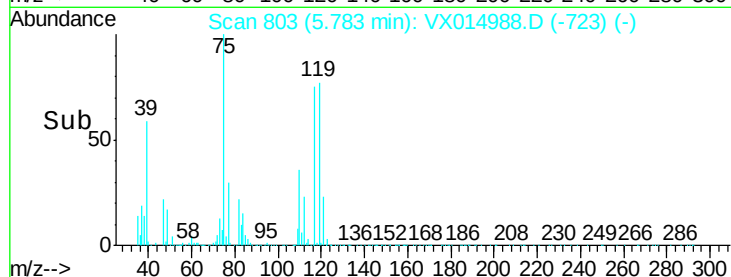
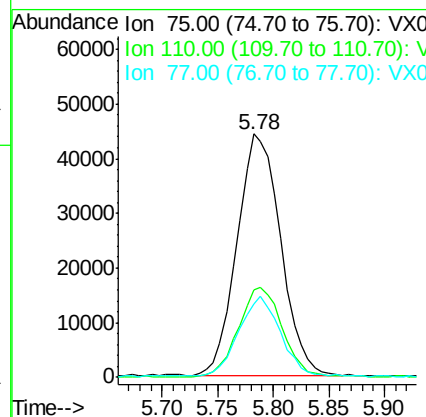
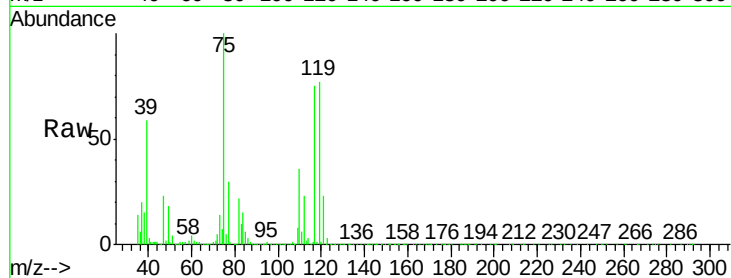
#29
1,1-Dichloropropene
Concen: 18.841 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.5	0.0	75.0
77	31.5	0.0	64.0

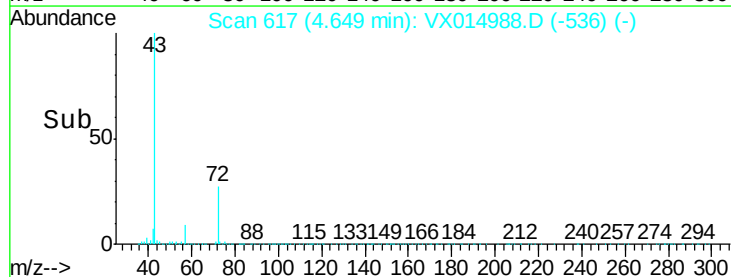
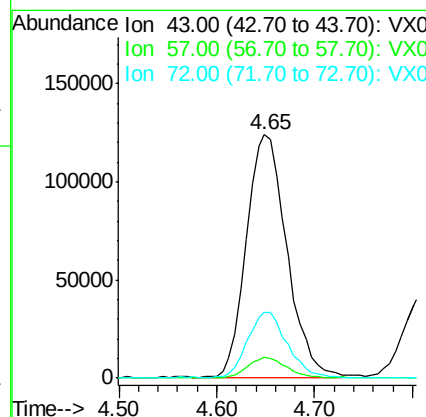
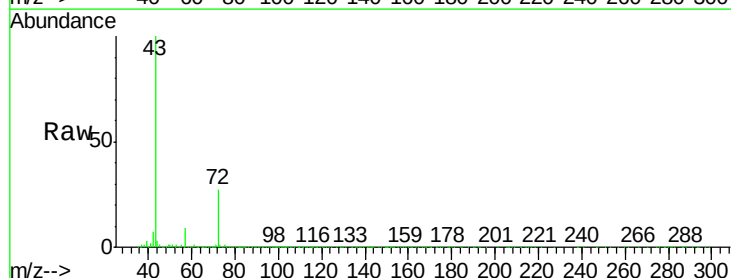
Manual Integrations
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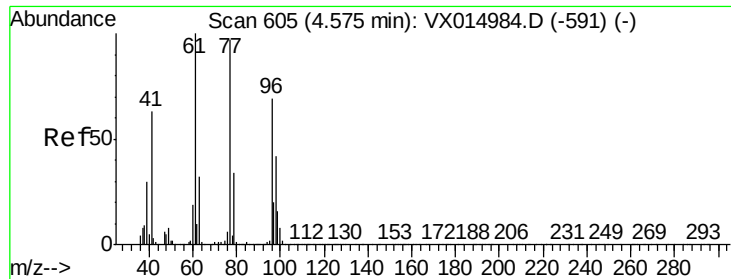
MMDadoda
2/24/2020 11:29:10 AM



#30
2-Butanone
Concen: 96.129 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	6.5	9.7
72	26.0	20.3	30.5





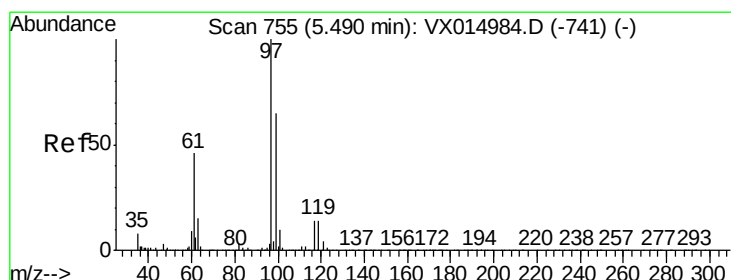
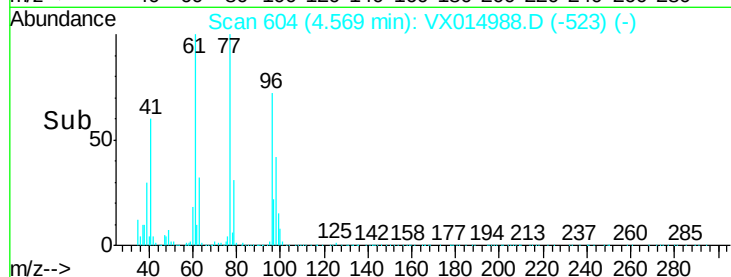
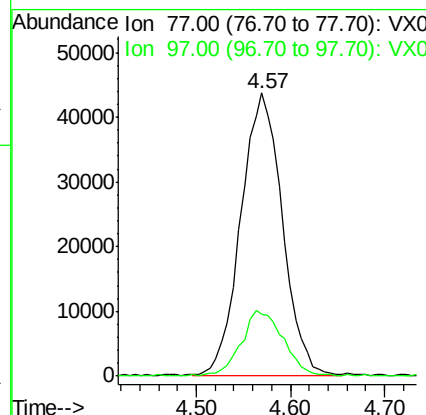
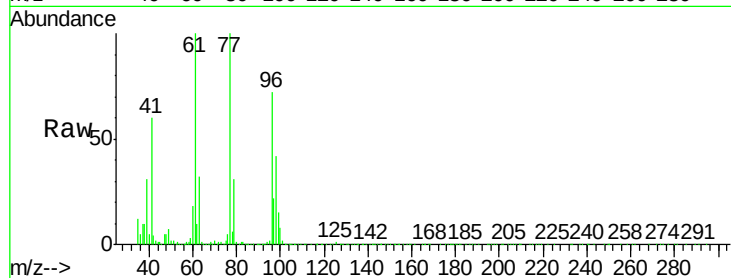
#31
 2,2-Dichloropropane
 Concen: 19.006 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.2	18.4	27.6

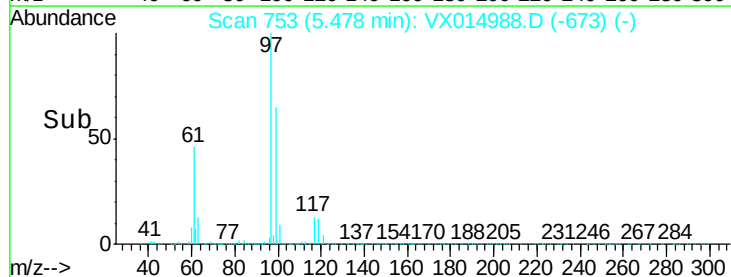
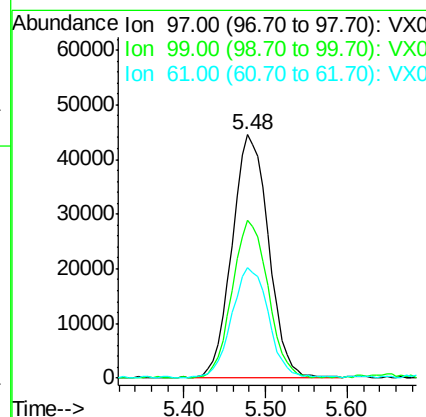
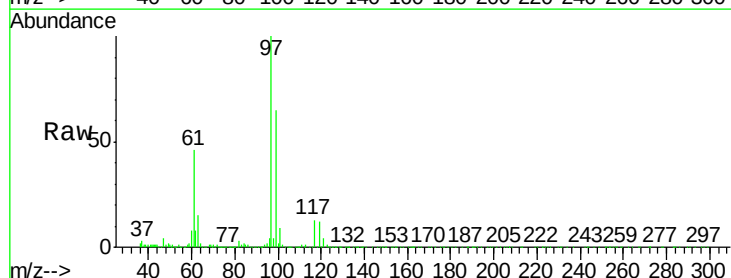
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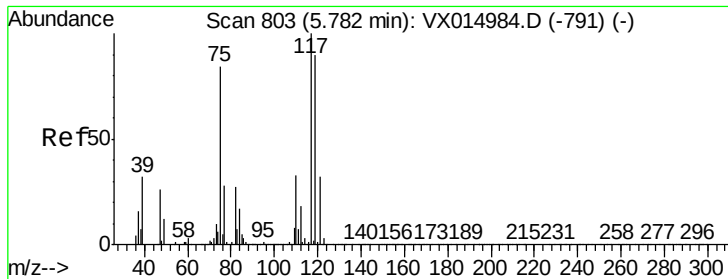
MMDadoda
 2/24/2020 11:29:10 AM



#32
 1,1,1-Trichloroethane
 Concen: 18.984 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	53.0	79.6
61	45.2	36.2	54.2





#33

Carbon Tetrachloride

Concen: 18.924 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

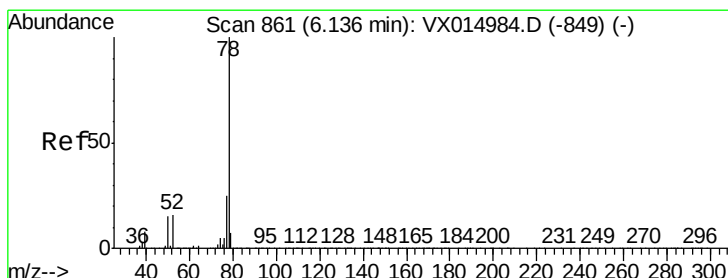
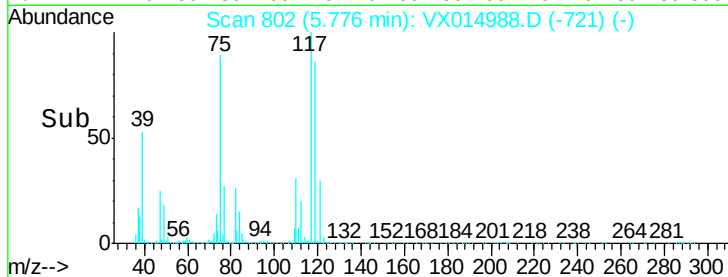
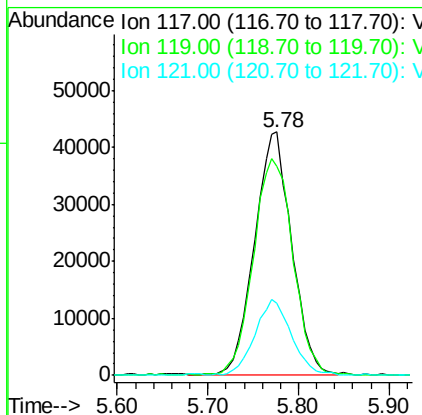
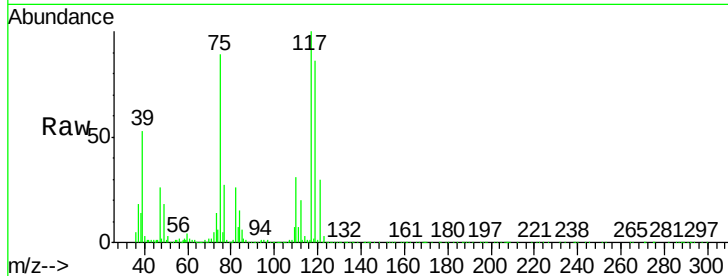
ClientSampleId :

ICVVX022120

Tot Ion:	117	Resp:	120645
Ion Ratio	Lower	Upper	
117	100		
119	85.4	71.9	107.9
121	29.4	25.4	38.2

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#34

Benzene

Concen: 18.993 ug/l

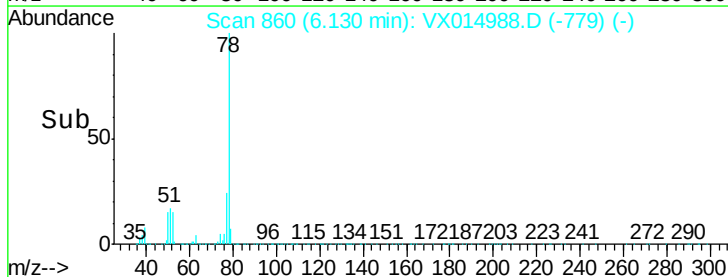
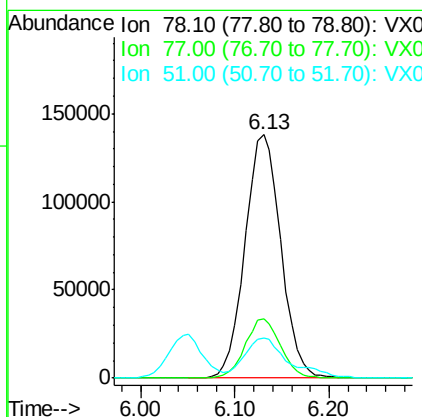
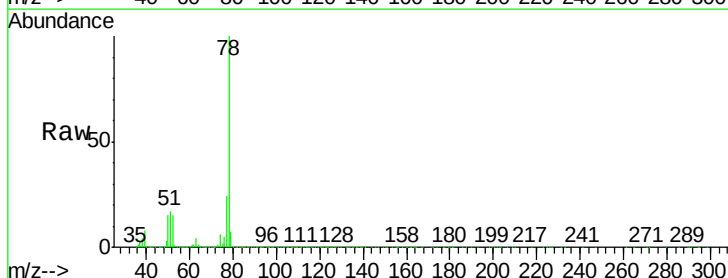
RT: 6.13 min Scan# 860

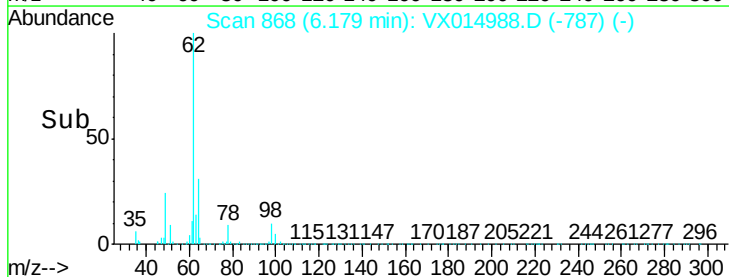
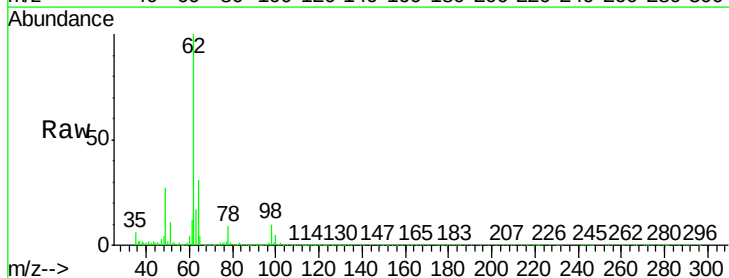
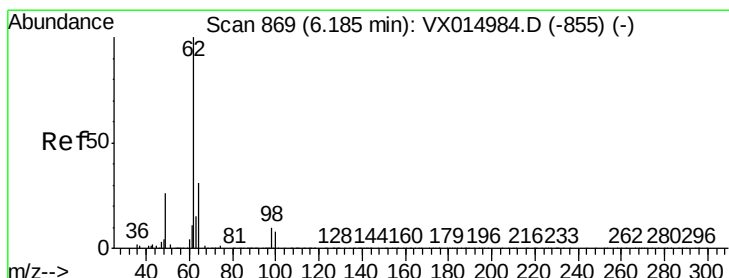
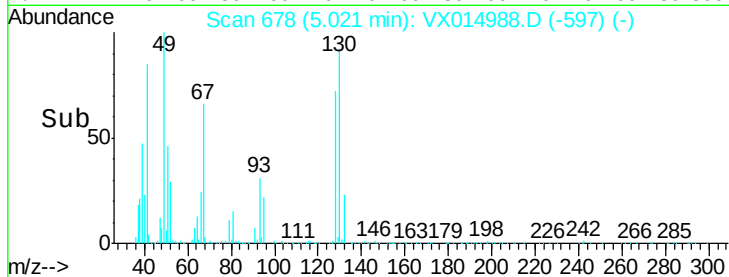
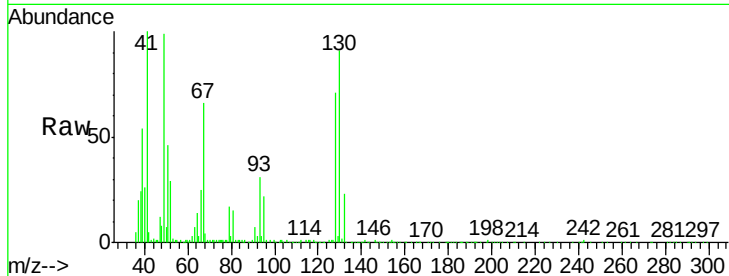
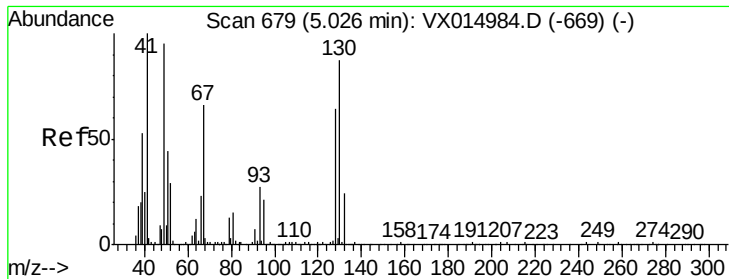
Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	78	Resp:	367556
Ion Ratio	Lower	Upper	
78	100		
77	24.1	20.0	30.0
51	15.9	13.3	19.9





#35

Methacrylonitrile

Concen: 18.575 ug/l

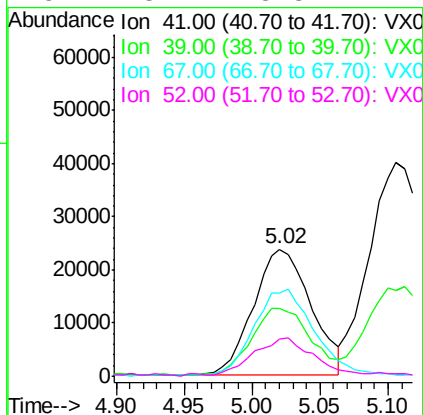
RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	25.9	77.7	
67	65.8	32.7	98.1	
52	28.2	13.8	41.4	



Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

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#36

1,2-Dichloroethane

Concen: 19.180 ug/l

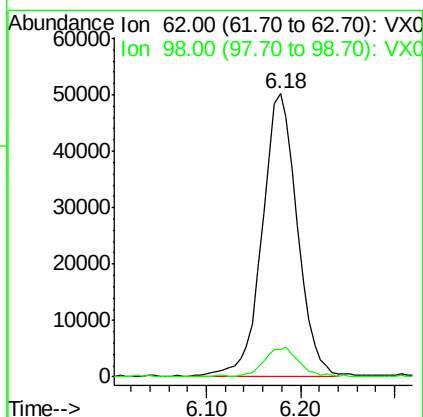
RT: 6.18 min Scan# 868

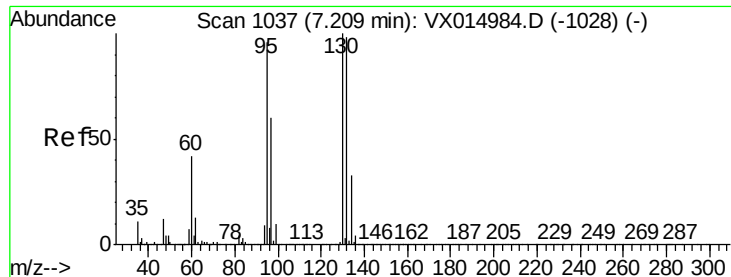
Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	7.5	11.3	





#37

Trichloroethene

Concen: 19.214 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion:130 Resp: 104396

Ion Ratio Lower Upper

130 100

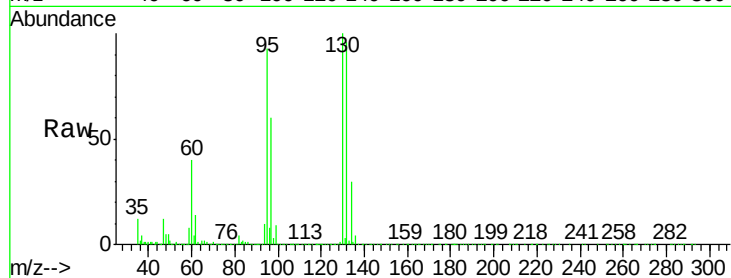
95 92.8 77.1 115.7

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

50000

40000

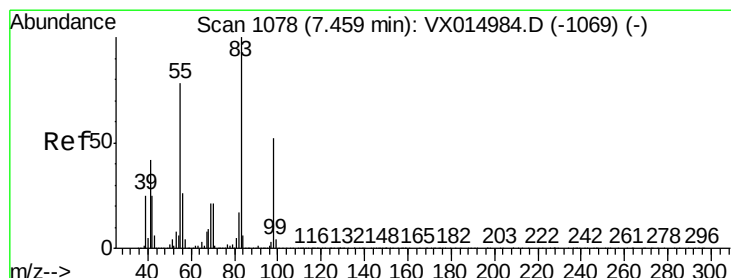
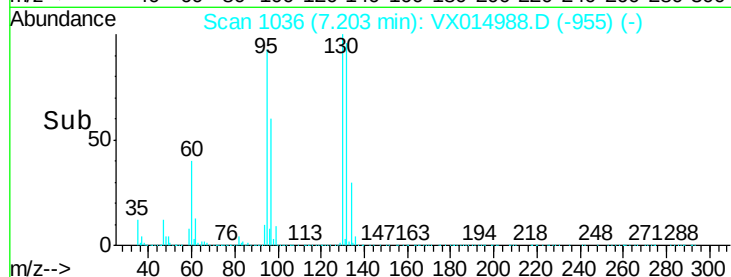
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.225 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

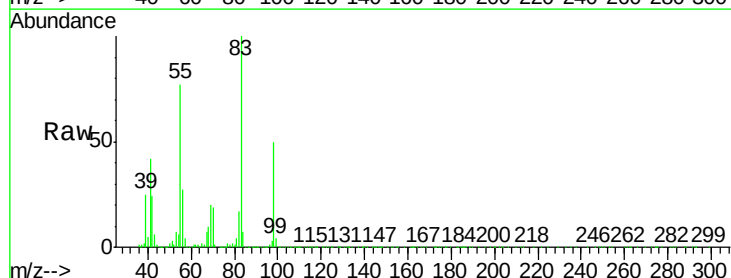
Tgt Ion: 83 Resp: 152828

Ion Ratio Lower Upper

83 100

55 75.2 38.2 114.6

98 50.1 25.3 75.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

100000

80000

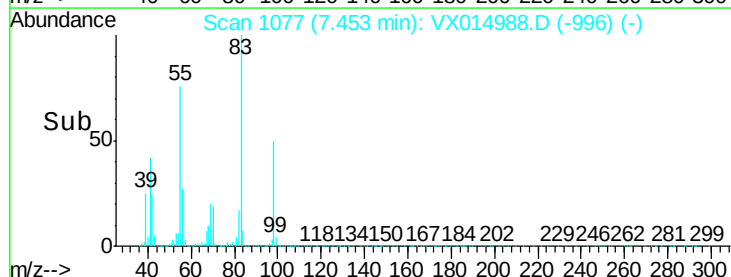
60000

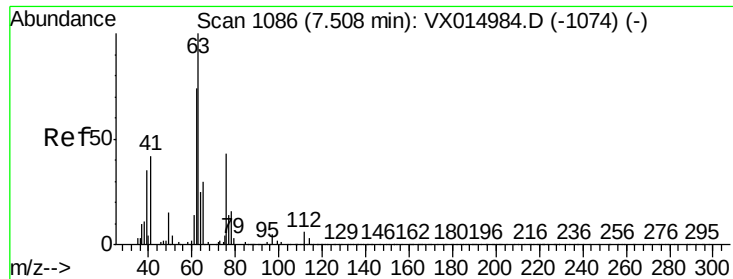
40000

20000

0

Time--> 7.35 7.40 7.45 7.50





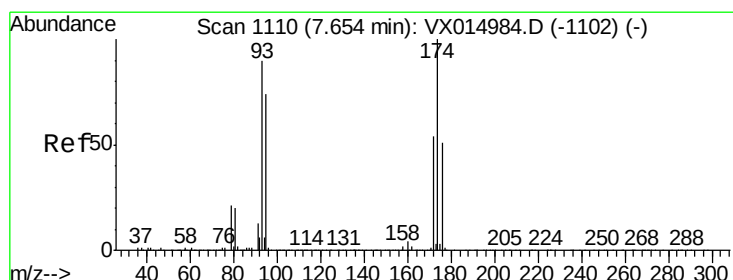
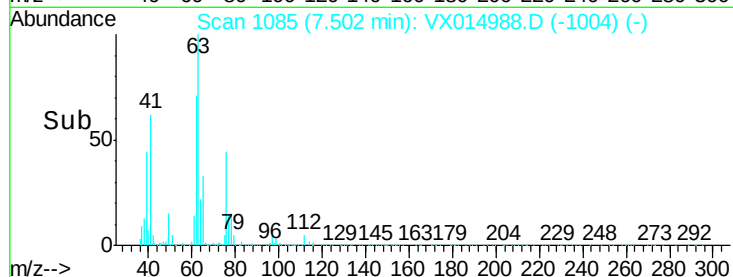
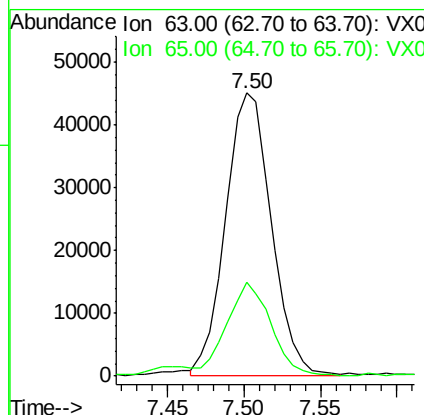
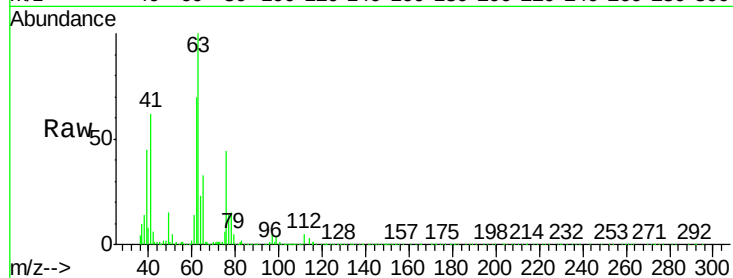
#39
 1,2-Dichloropropane
 Concen: 18.740 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.2	24.6	36.8

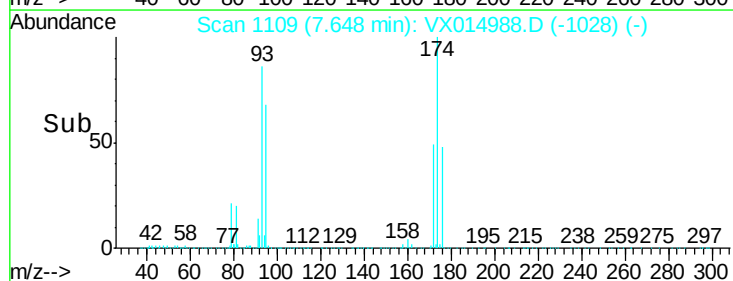
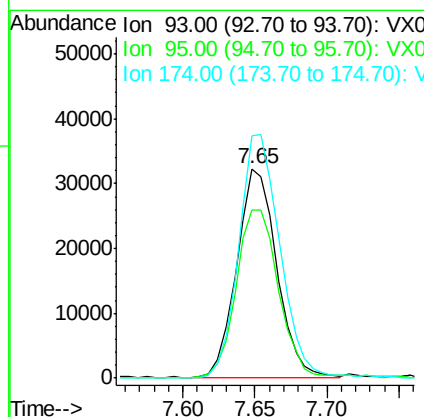
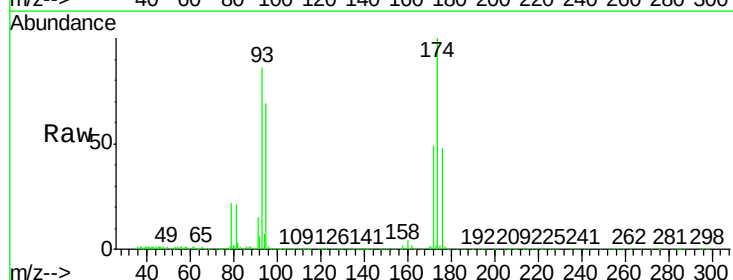
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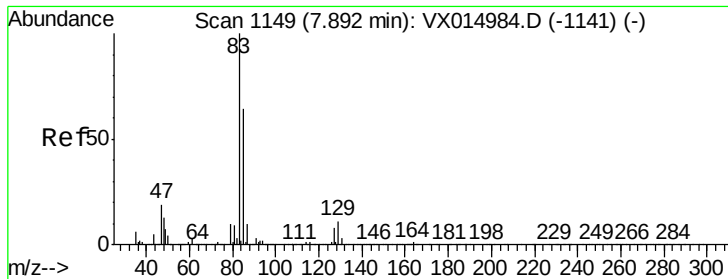
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#40
 Dibromomethane
 Concen: 18.574 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.4	0.0	164.6
174	119.4	0.0	226.4





#41

Bromodichloromethane

Concen: 18.695 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

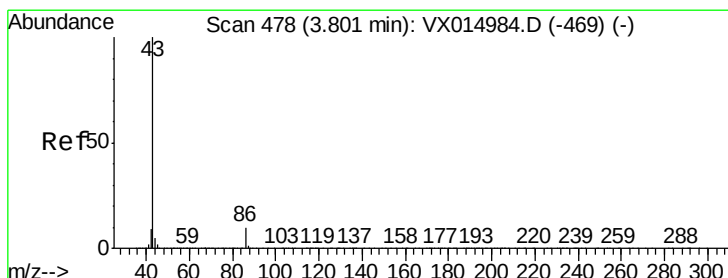
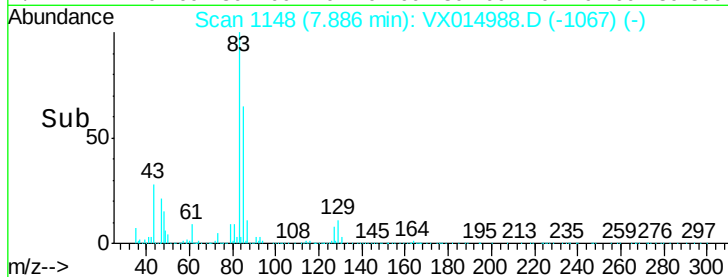
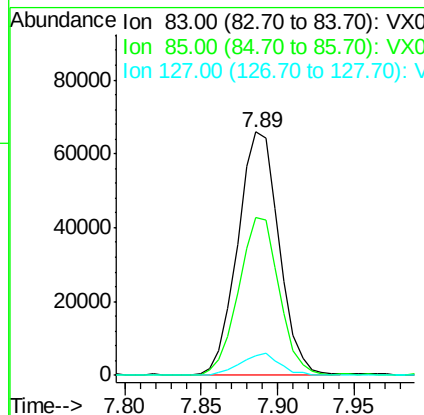
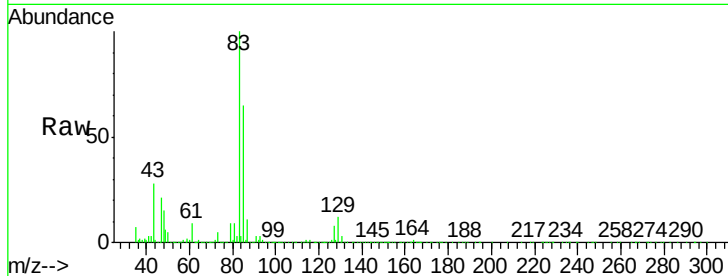
ClientSampleId :

ICVVX022120

Tot Ion:	83	Resp:	122836
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.0	76.4
127	8.0	6.6	10.0

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#42

Vinyl Acetate

Concen: 97.076 ug/l

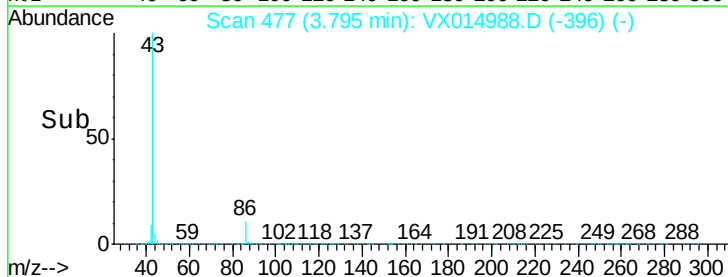
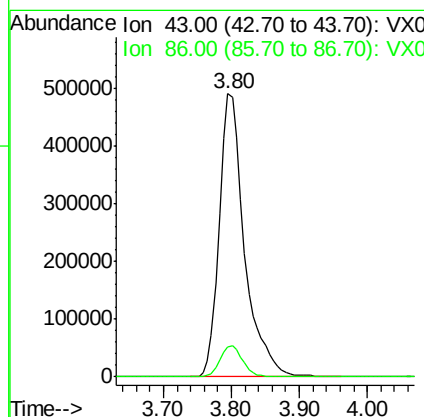
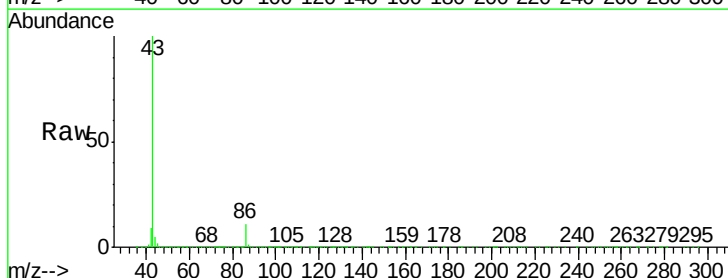
RT: 3.80 min Scan# 477

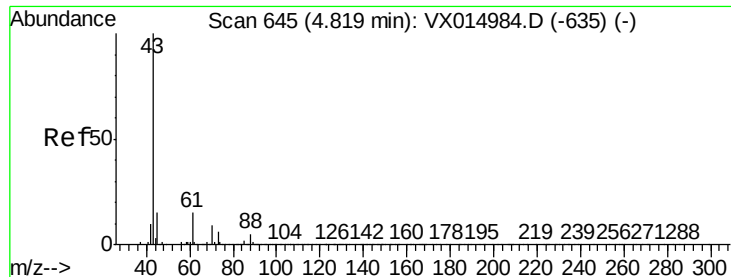
Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	43	Resp:	1264843
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





#43

Ethyl Acetate

Concen: 19.659 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 43 Resp: 131670

Ion Ratio Lower Upper

43 100

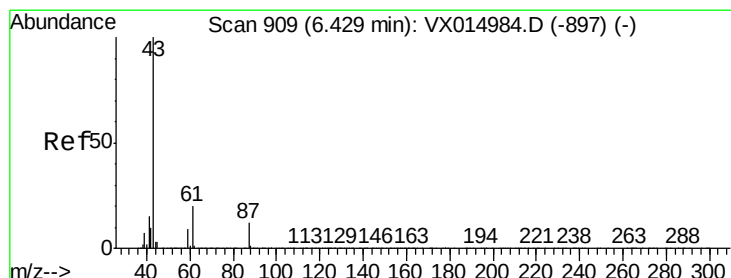
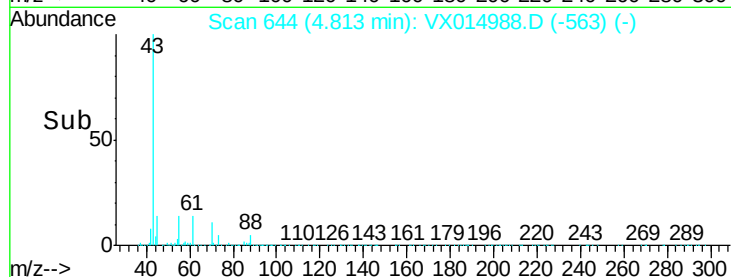
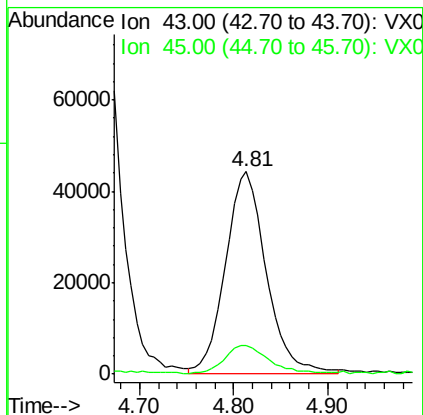
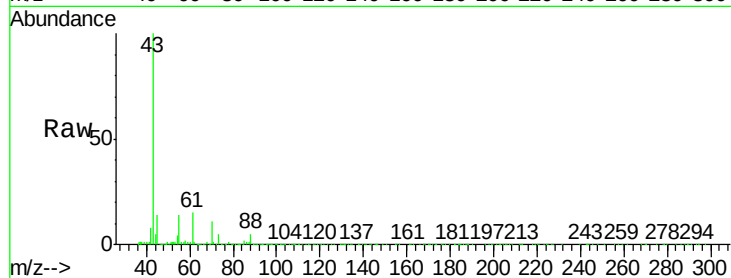
45 14.5 10.8 16.2

Manual Integrations

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#44

Isopropyl Acetate

Concen: 19.193 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX014988.D

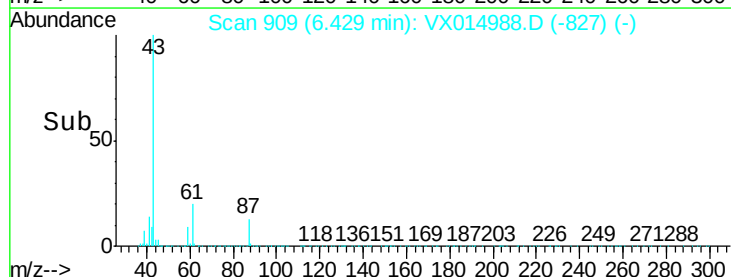
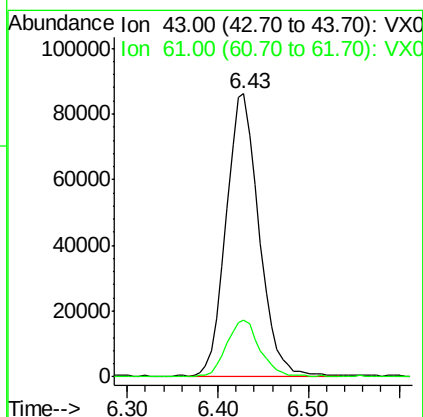
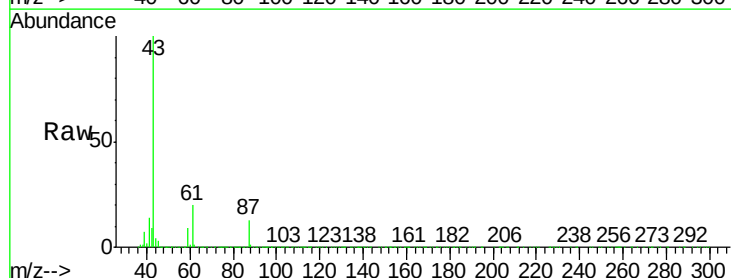
Acq: 21 Feb 2020 11:30

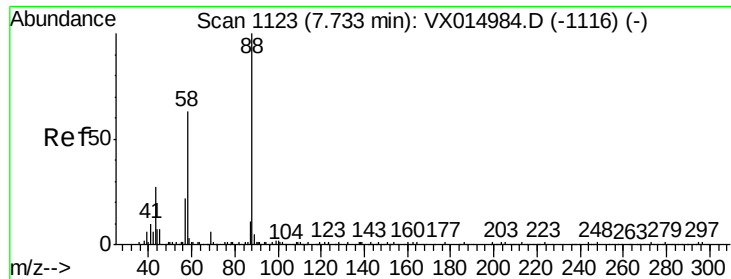
Tgt Ion: 43 Resp: 216108

Ion Ratio Lower Upper

43 100

61 20.4 15.6 23.4





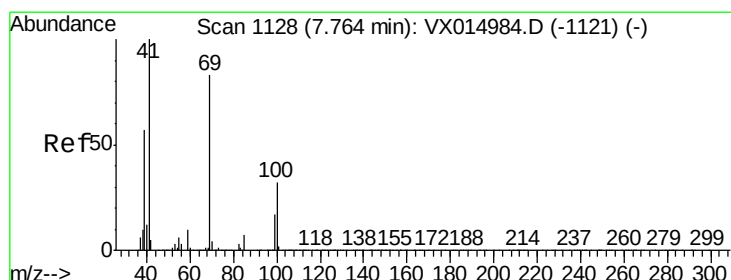
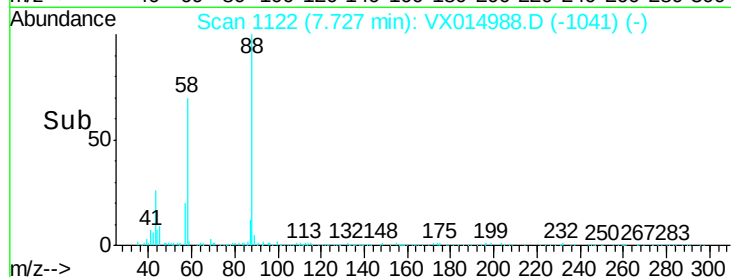
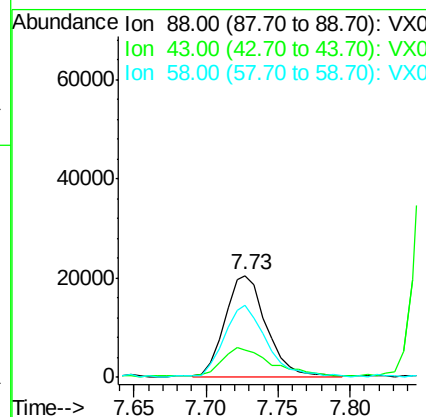
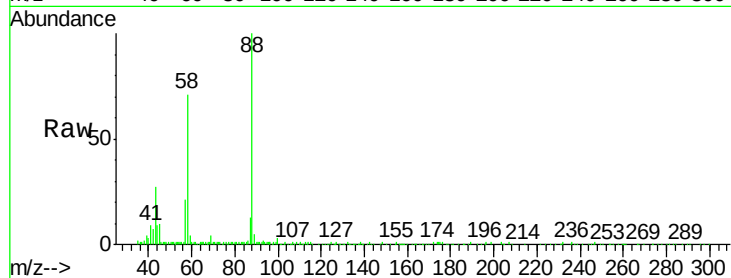
#45
1,4-Dioxane
Concen: 387.773 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.4	38.2
58	71.2	55.8	83.8

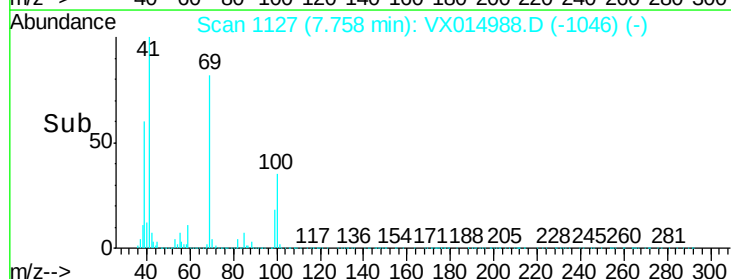
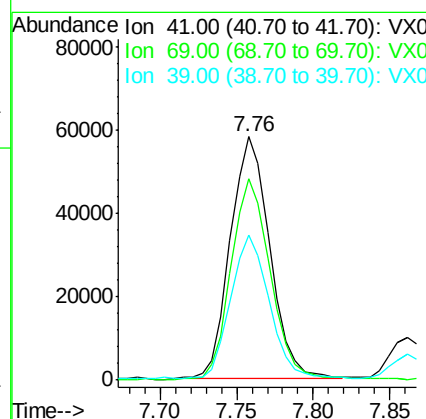
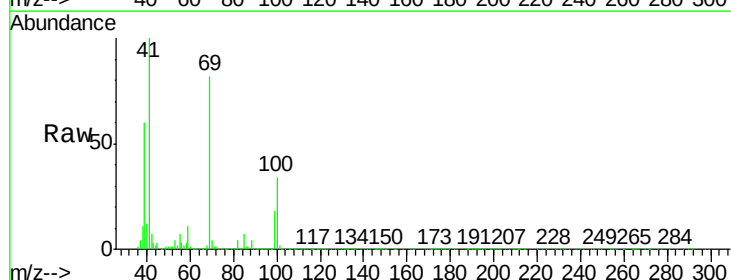
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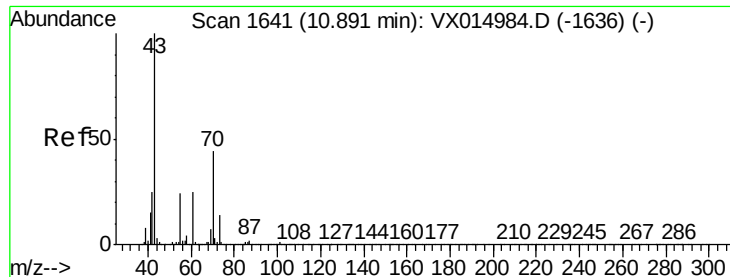
MMDadoda
2/24/2020 11:29:10 AM



#46
Methyl methacrylate
Concen: 18.727 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.7	41.4	124.2
39	59.1	28.3	84.9





#47

n-amvl Acetate

Concen: 18.781 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 43 Resp: 183199

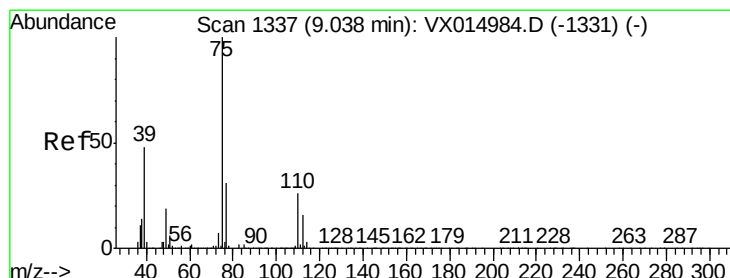
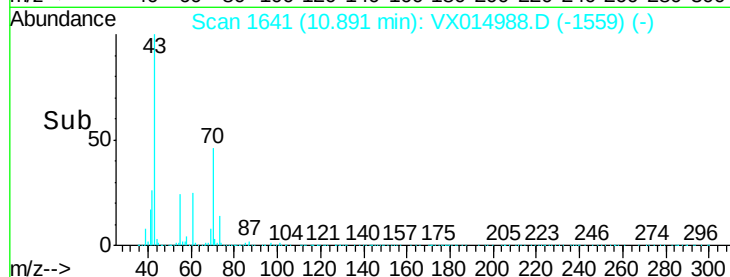
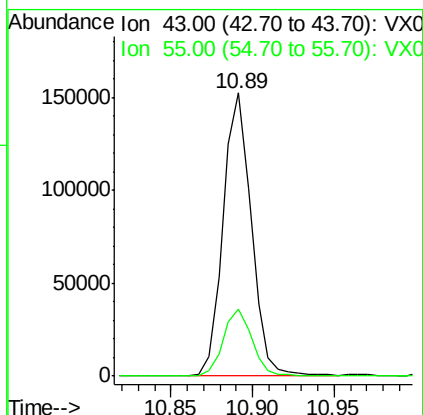
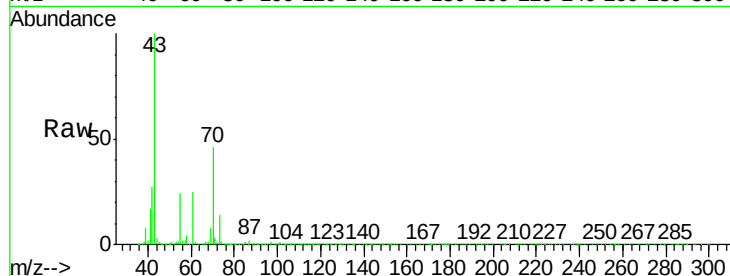
Ion Ratio Lower Upper

43 100

55 23.5 19.2 28.8

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 18.960 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014988.D

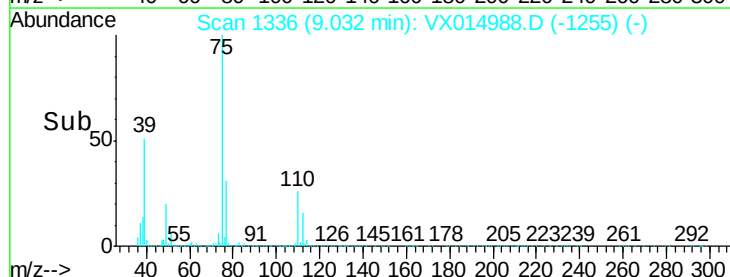
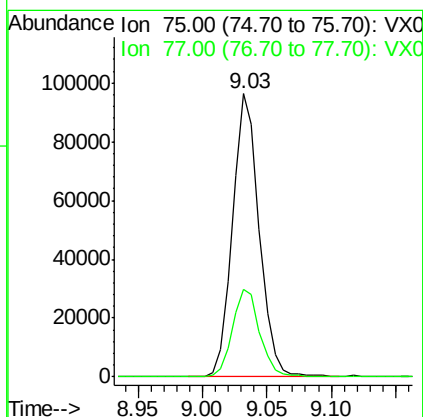
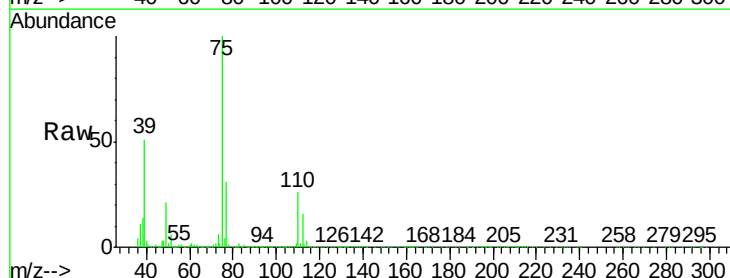
Acq: 21 Feb 2020 11:30

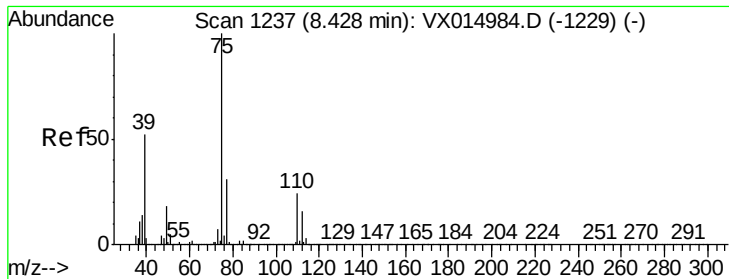
Tgt Ion: 75 Resp: 138211

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8





#49

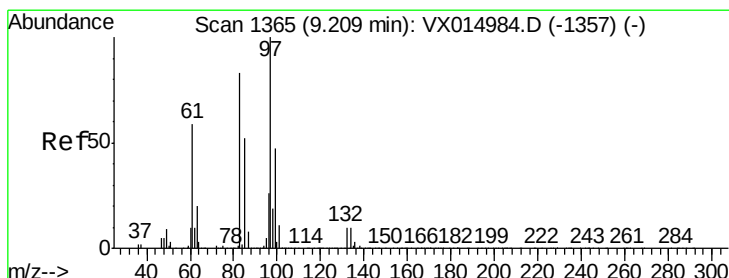
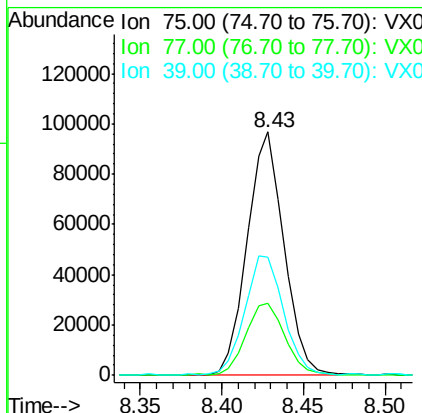
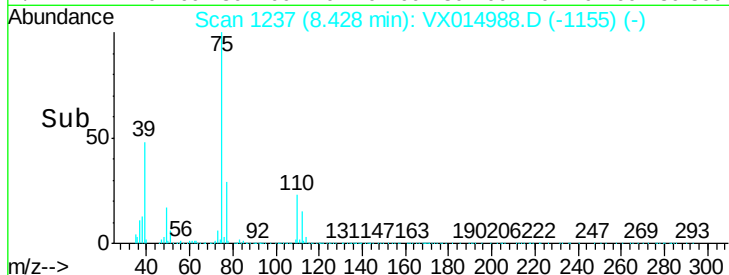
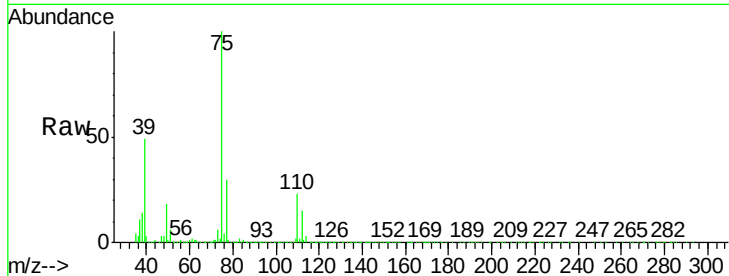
cis-1,3-Dichloropropene
Concen: 18.912 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.6	36.8
39	48.2	41.5	62.3

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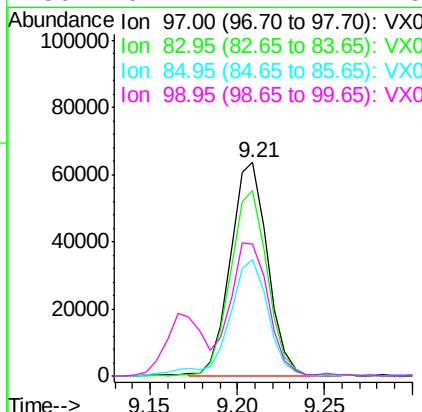
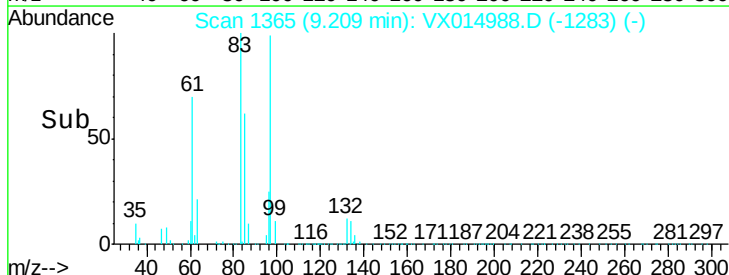
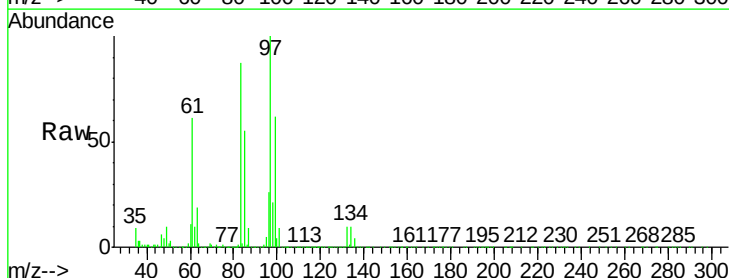
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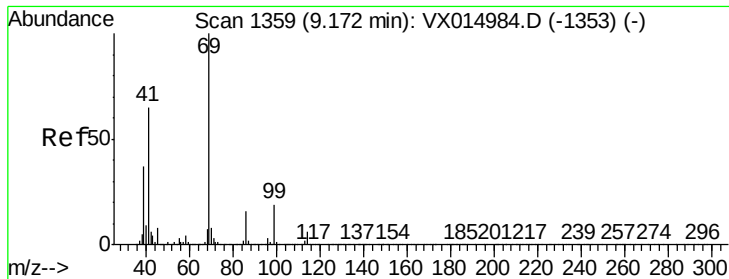


#50

1,1,2-Trichloroethane
Concen: 18.983 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.2	99.2
85	54.4	42.4	63.6
99	61.4	47.7	71.5





#51

Ethyl methacrylate

Concen: 19.101 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

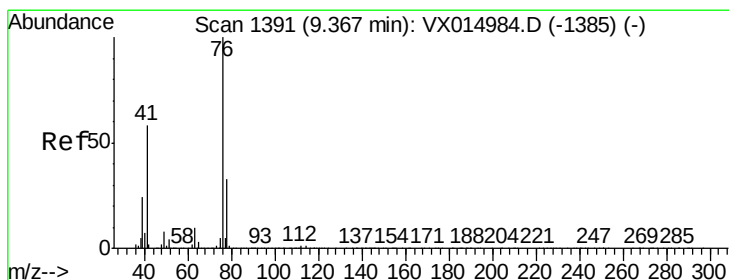
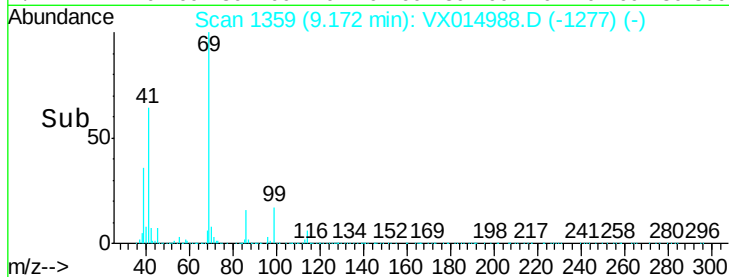
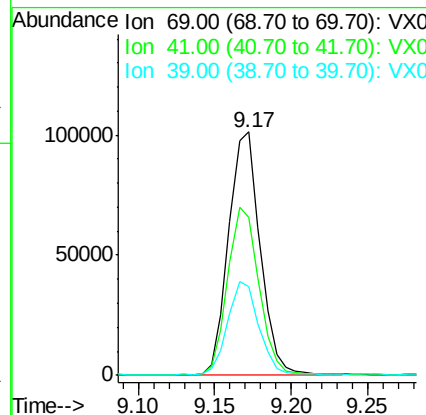
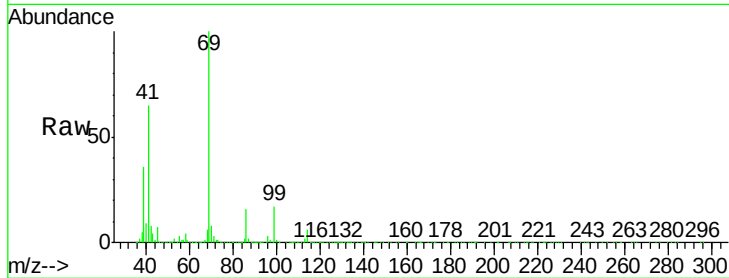
ClientSampleId :

ICVVX022120

Tot Ion:	69	Resp:	146094
Ion Ratio	Lower	Upper	
69	100		
41	64.6	32.7	98.1
39	36.1	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.973 ug/l

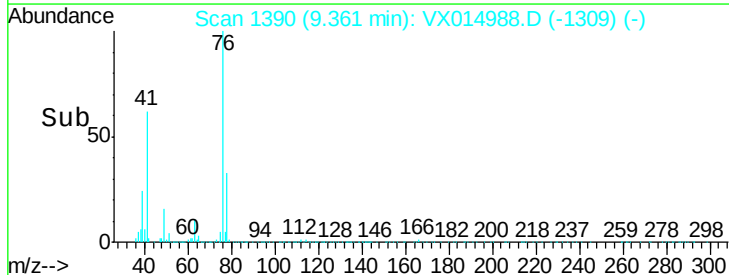
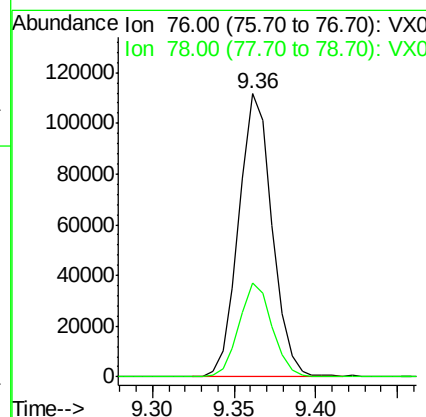
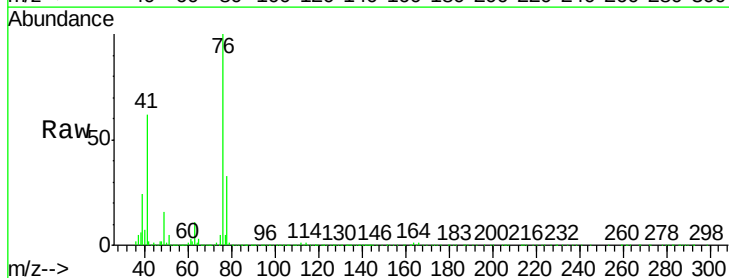
RT: 9.36 min Scan# 1390

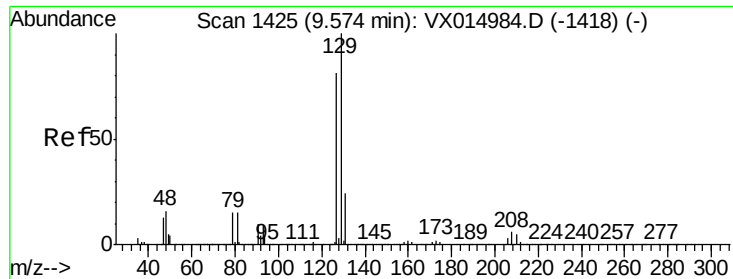
Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	76	Resp:	159053
Ion Ratio	Lower	Upper	
76	100		
78	32.8	0.0	65.0





#53

Dibromochloromethane

Concen: 19.006 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion:129 Resp: 101828

Ion Ratio Lower Upper

129 100

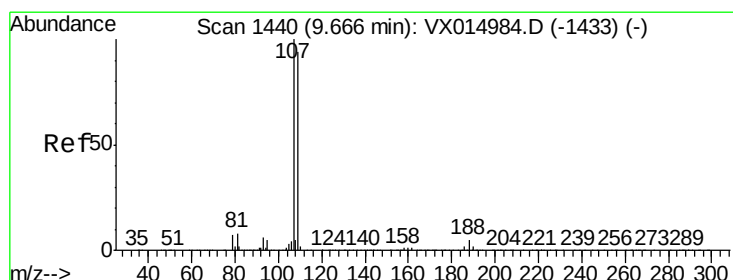
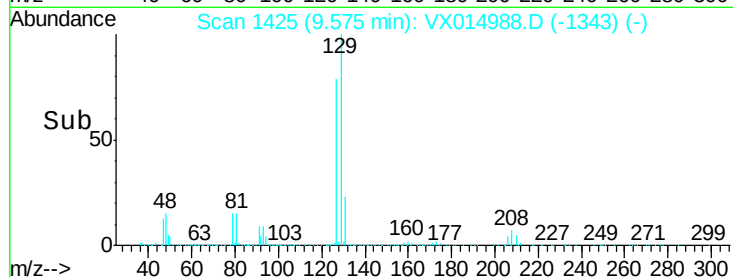
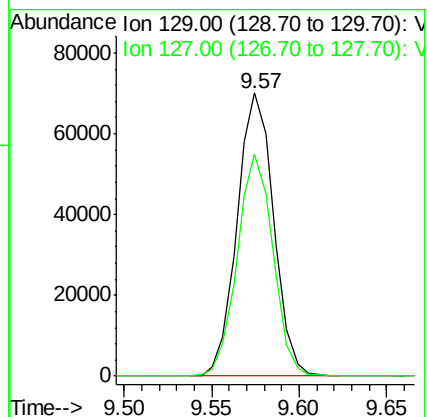
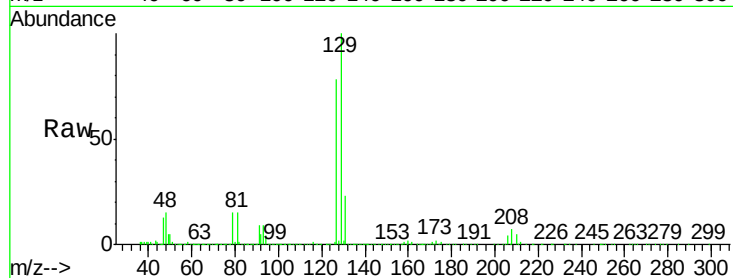
127 76.4 38.3 114.9

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.246 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014988.D

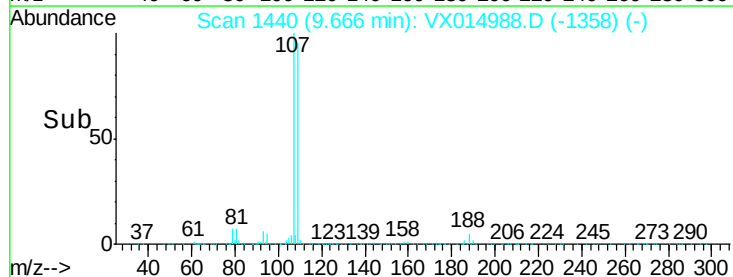
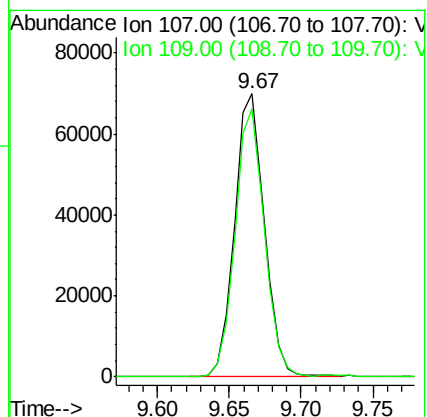
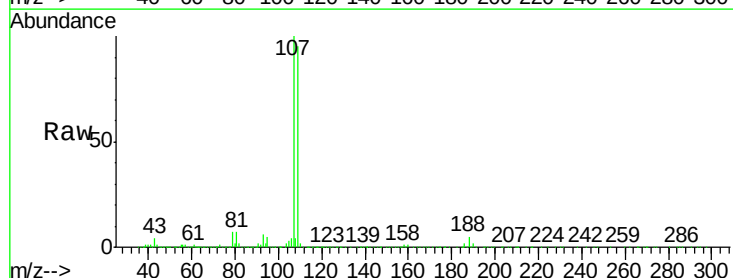
Acq: 21 Feb 2020 11:30

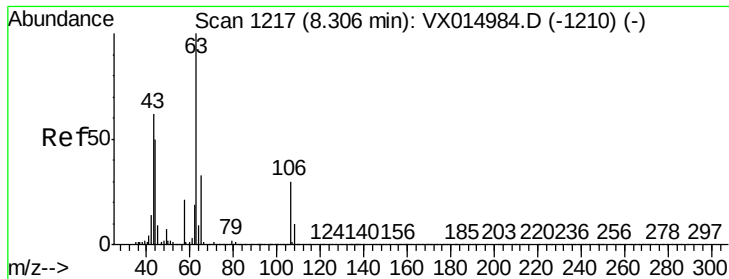
Tgt Ion:107 Resp: 101256

Ion Ratio Lower Upper

107 100

109 92.6 76.3 114.5





#55

2-Chloroethyl vinyl ether

Concen: 89.287 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

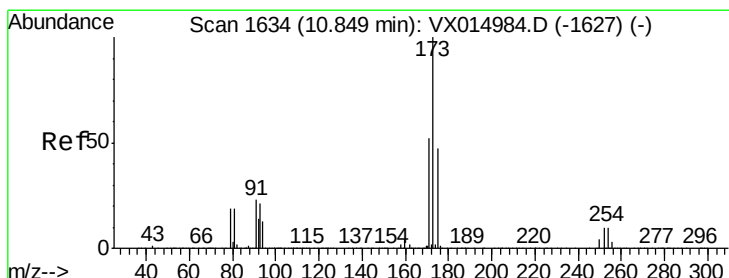
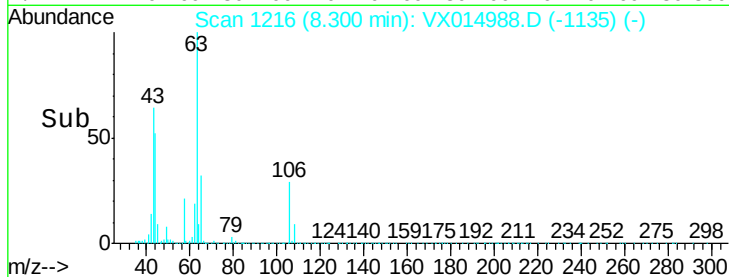
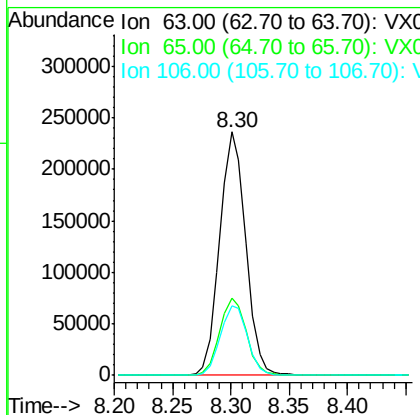
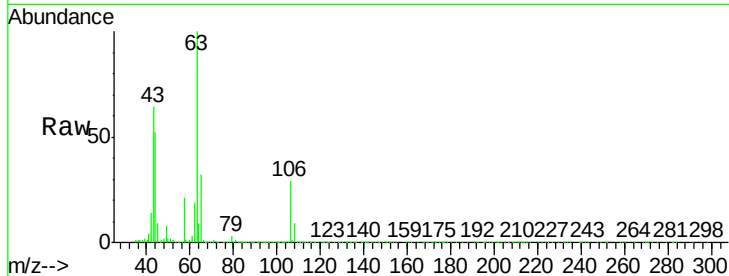
ClientSampleId :

ICVVX022120

Tot Ion:	63	Resp:	363770
Ion	Ratio	Lower	Upper
63	100		
65	32.3	26.0	39.0
106	29.8	23.9	35.9

Manual Integrations
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#56

Bromoform

Concen: 18.384 ug/l

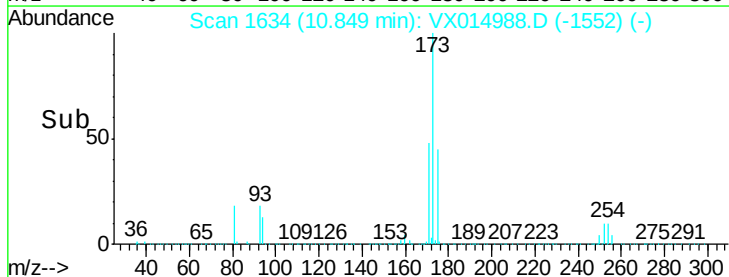
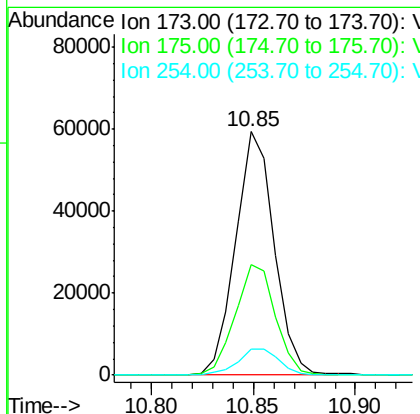
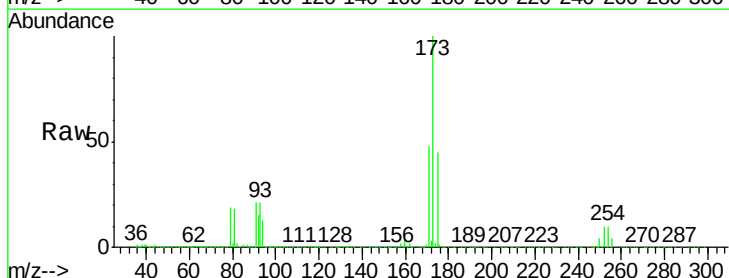
RT: 10.85 min Scan# 1634

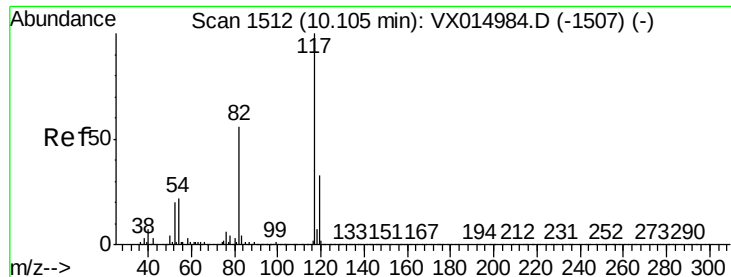
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	173	Resp:	77211
Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.6	57.8
254	11.7	8.6	13.0





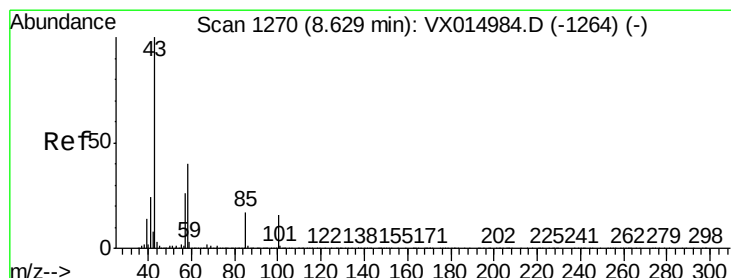
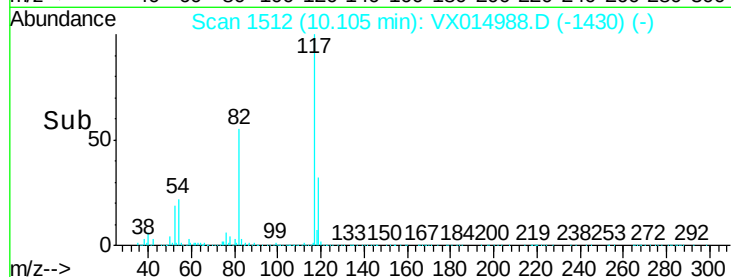
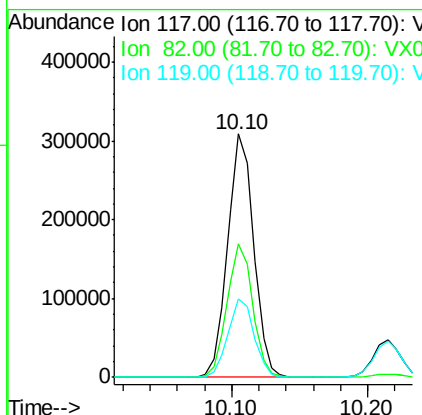
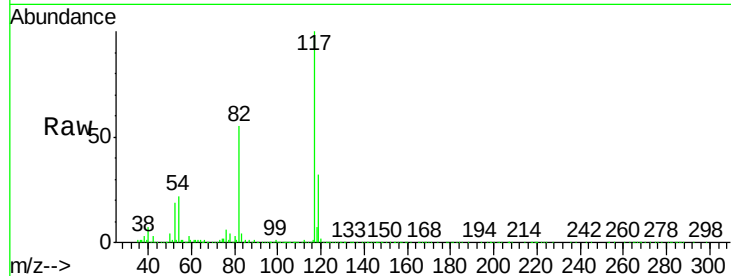
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.8	43.4	65.2
119	32.4	26.0	39.0

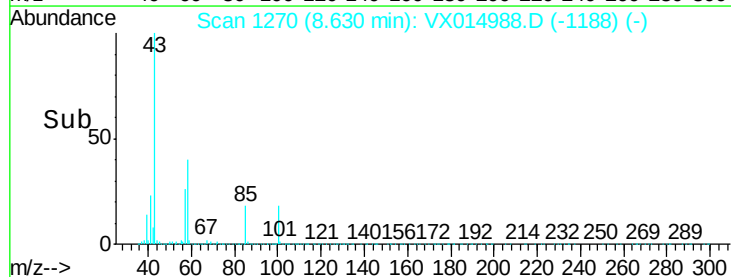
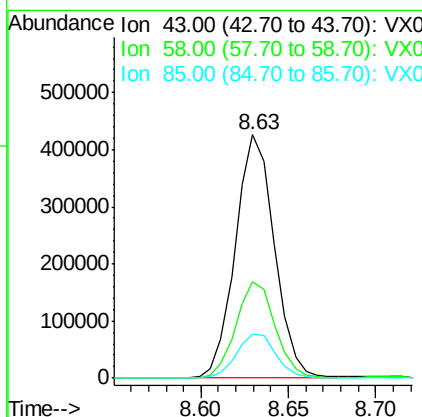
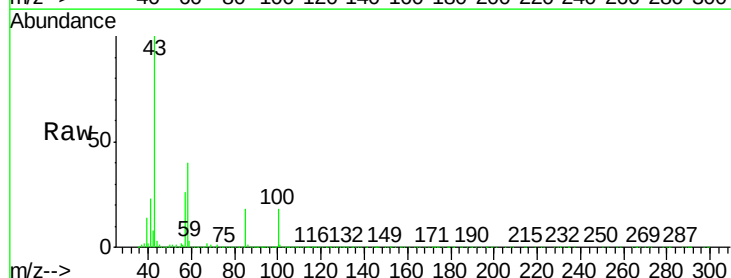
Manual Integrations
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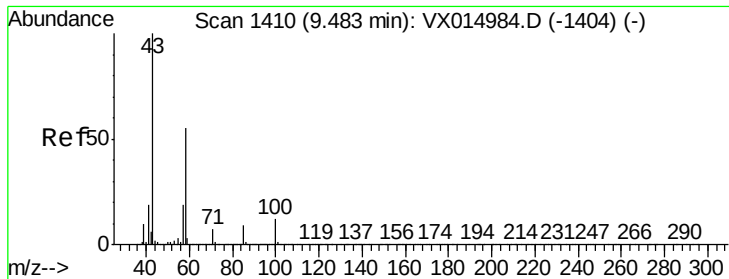
MMDadoda
2/24/2020 11:29:10 AM



#58
4-Methyl-2-Pentanone
Concen: 98.040 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.9	31.7	47.5
85	18.3	14.4	21.6





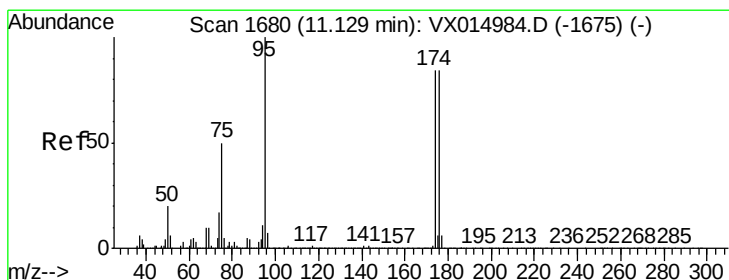
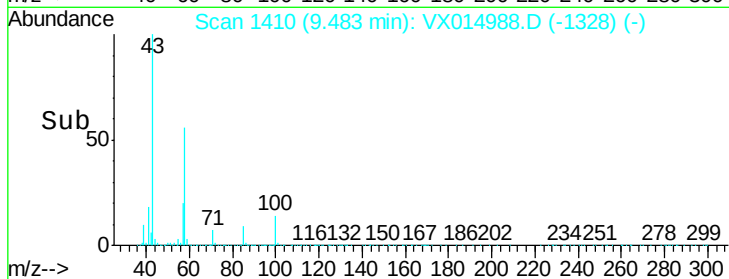
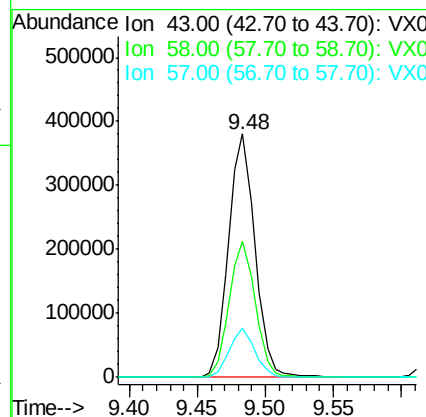
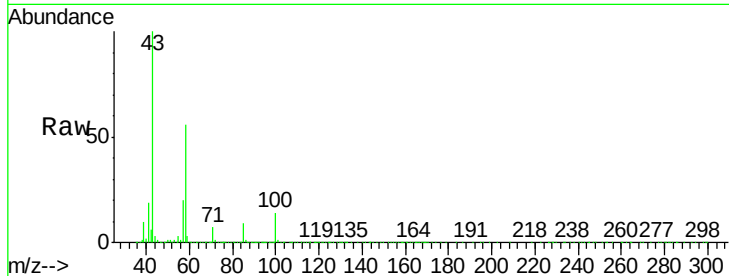
#59
2-Hexanone
Concen: 97.454 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.1	66.1
57	19.4	15.3	22.9

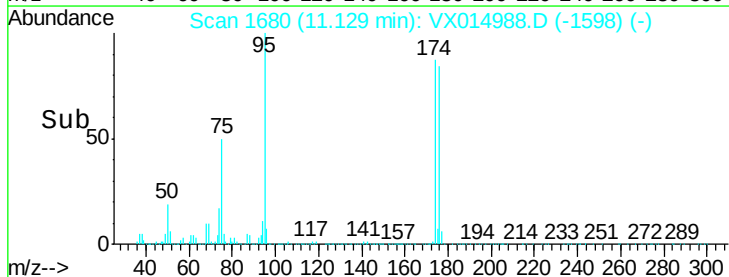
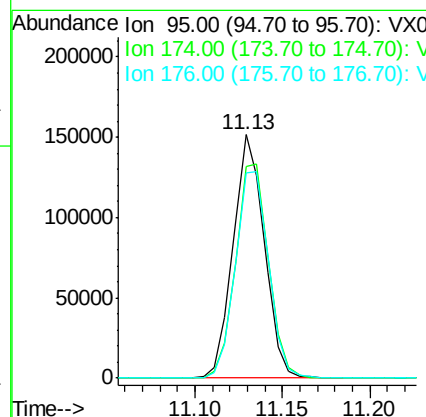
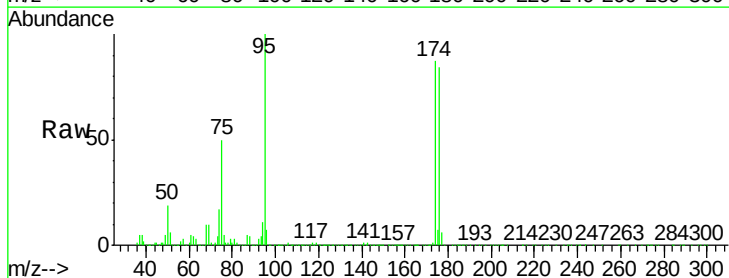
Manual Integrations
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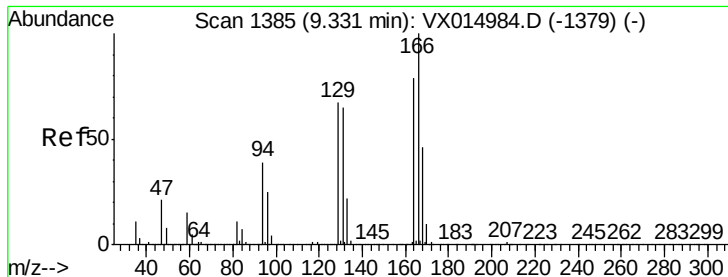
MMDadoda
2/24/2020 11:29:10 AM



#60
4-Bromofluorobenzene
Concen: 29.267 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	72.3	108.5
176	90.4	72.0	108.0





#61

Tetrachloroethene

Concen: 18.765 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

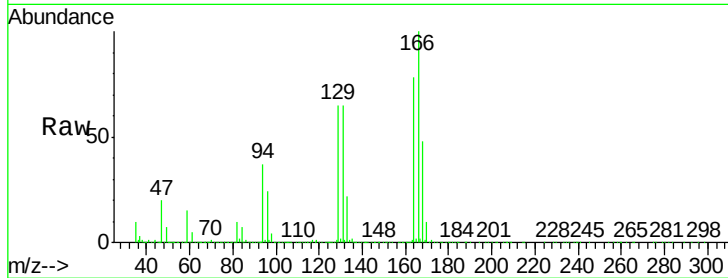
ClientSampleId :

ICVVX022120

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.2	151.8
129	82.8	67.6	101.4
131	82.9	66.0	99.0

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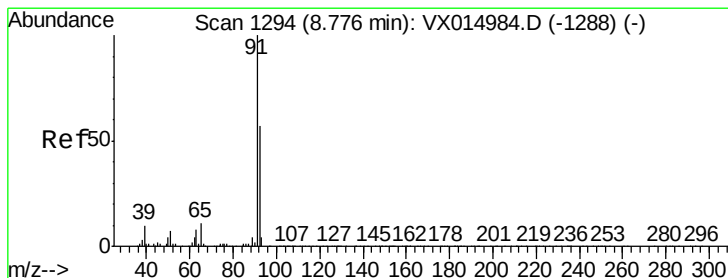
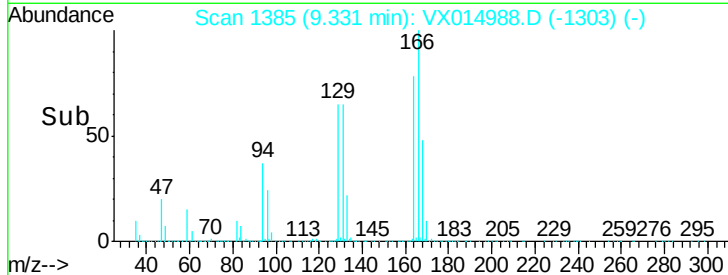
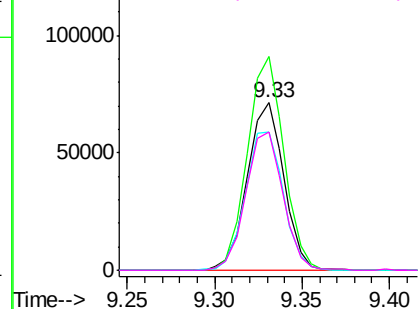


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.934 ug/l

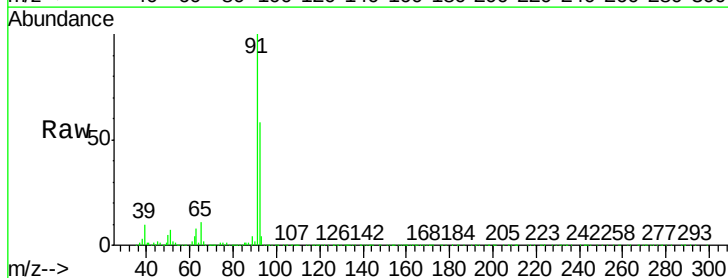
RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014988.D

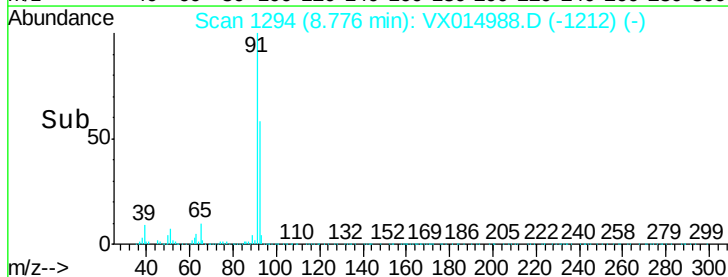
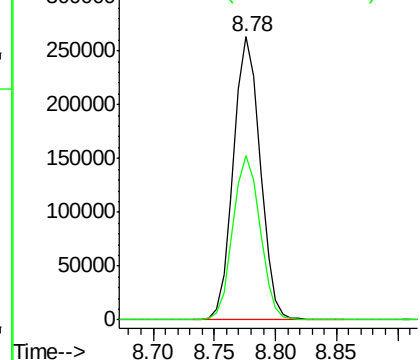
Acq: 21 Feb 2020 11:30

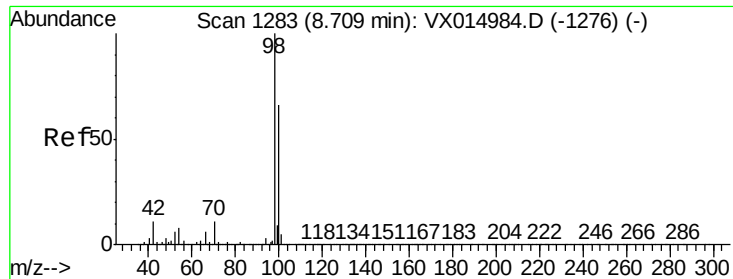
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.271 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 98 Resp: 542703

Ion Ratio Lower Upper

98 100

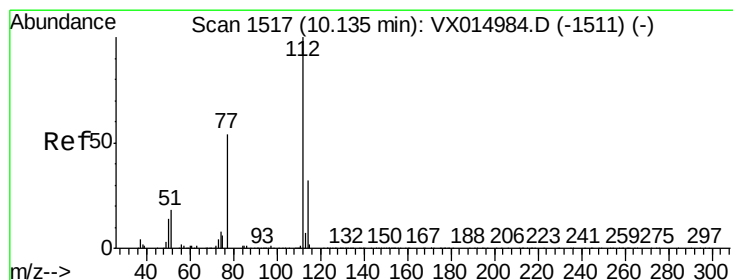
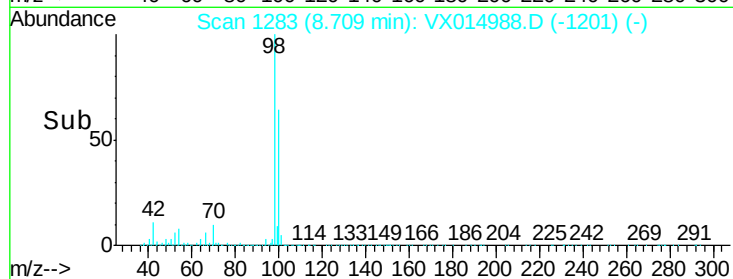
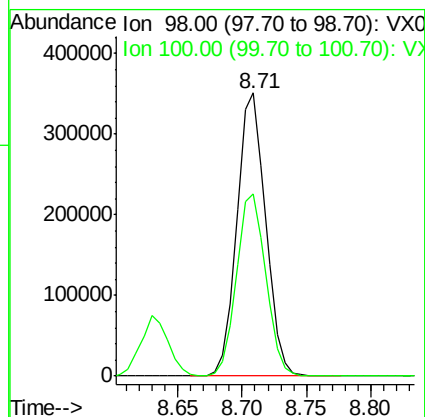
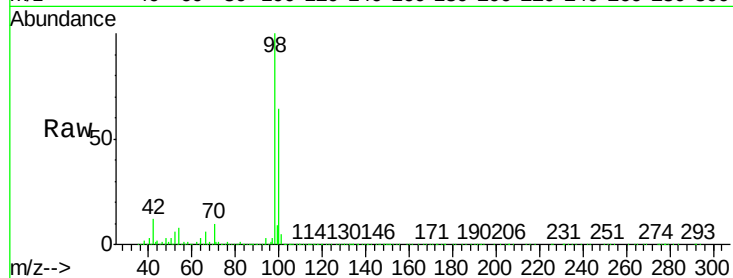
100 65.4 52.8 79.2

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#64

Chlorobenzene

Concen: 19.143 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014988.D

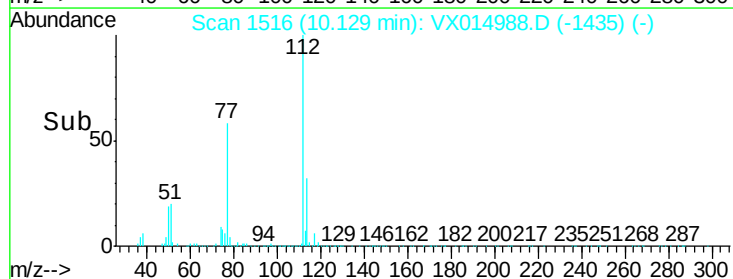
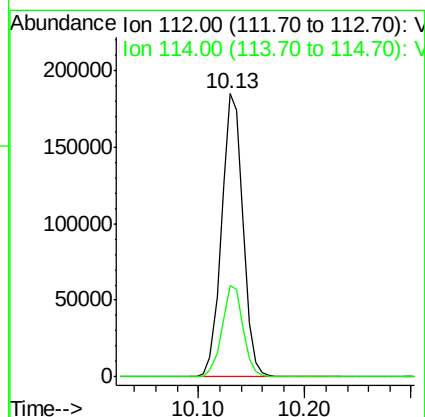
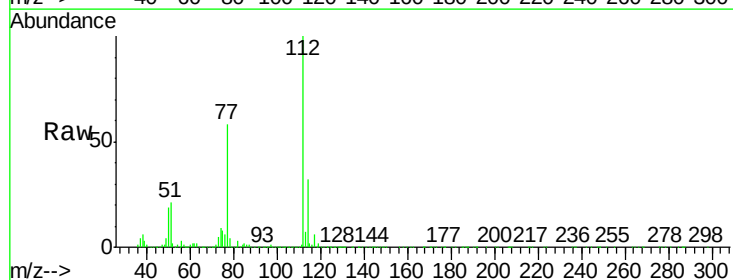
Acq: 21 Feb 2020 11:30

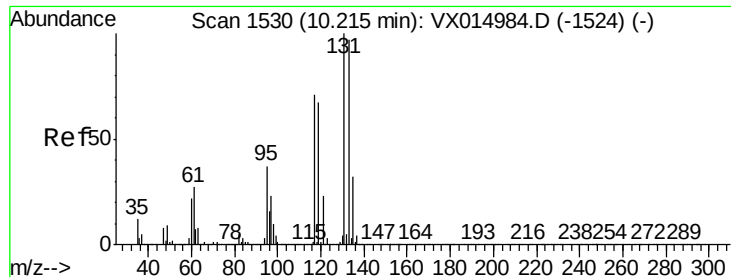
Tgt Ion: 112 Resp: 257299

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.039 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

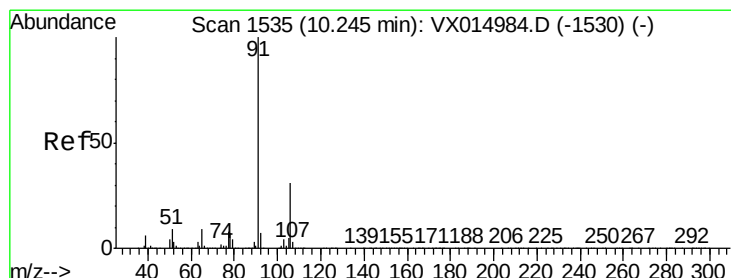
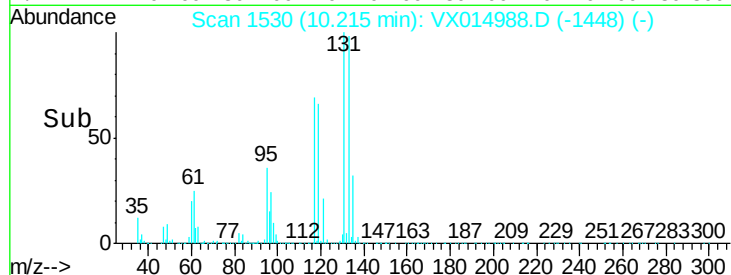
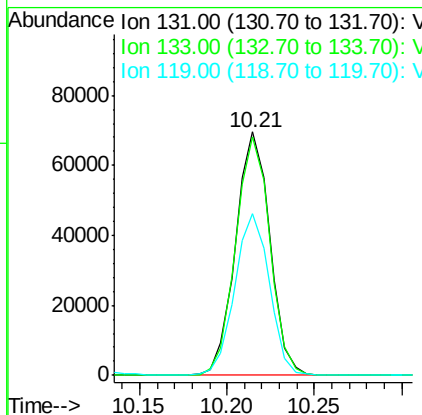
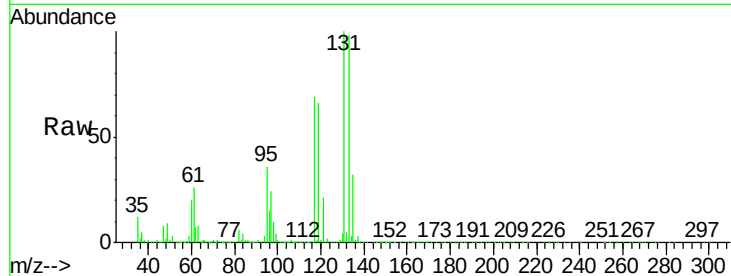
ClientSampleId :

ICVVX022120

Tot Ion	Ratio	Resp	Lower	Upper
131	100	94790		
133	97.6	0.0	191.4	
119	66.9	0.0	132.0	

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#66

Ethyl Benzene

Concen: 19.066 ug/l

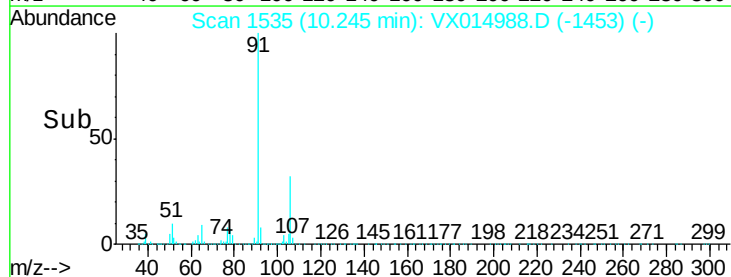
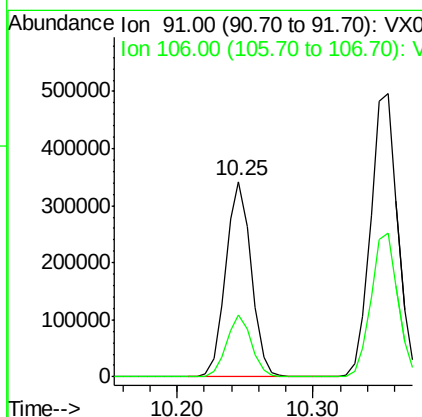
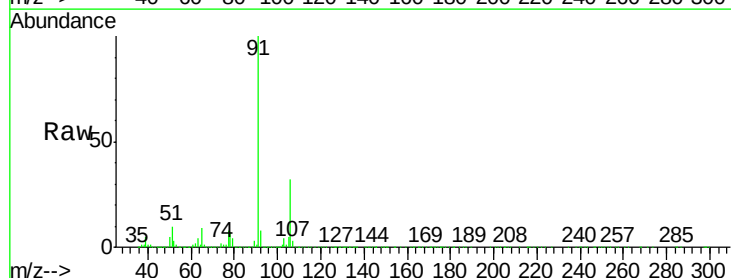
RT: 10.25 min Scan# 1535

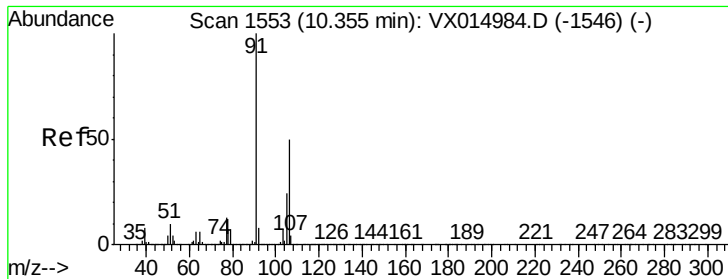
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	442261		
106	31.6	24.7	37.1	





#67

m/p-Xylenes

Concen: 38.513 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion:106 Resp: 344486

Ion Ratio Lower Upper

106 100

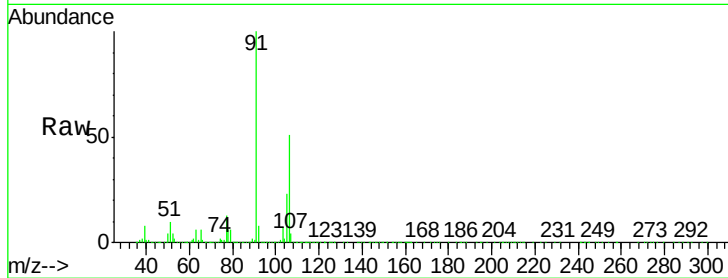
91 197.2 160.4 240.6

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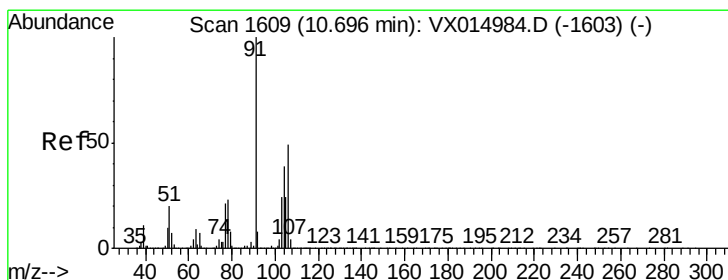
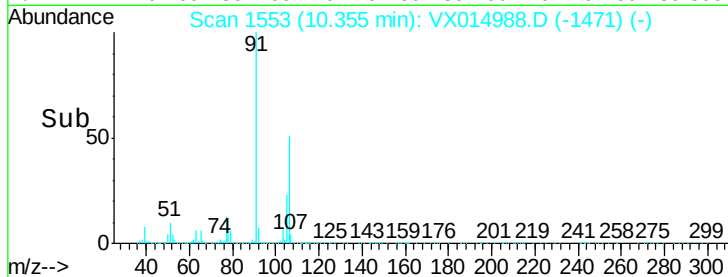
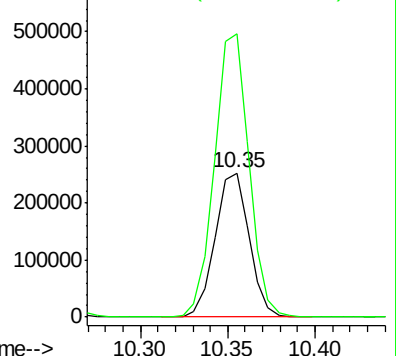
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.111 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014988.D

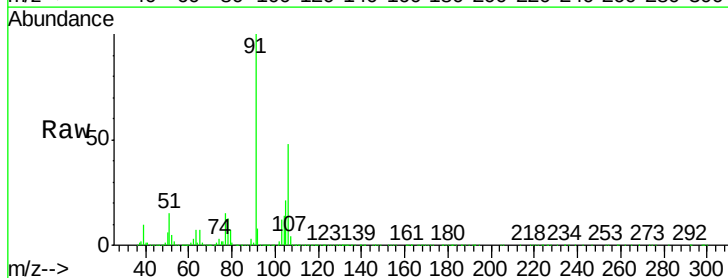
Acq: 21 Feb 2020 11:30

Tgt Ion:106 Resp: 165401

Ion Ratio Lower Upper

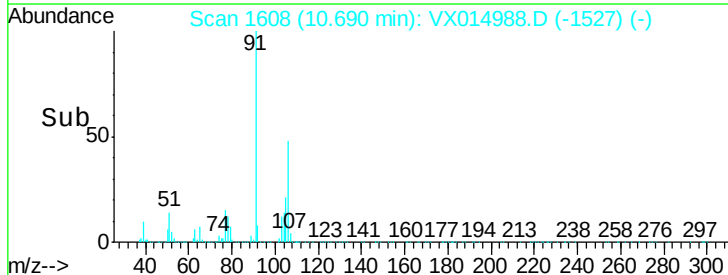
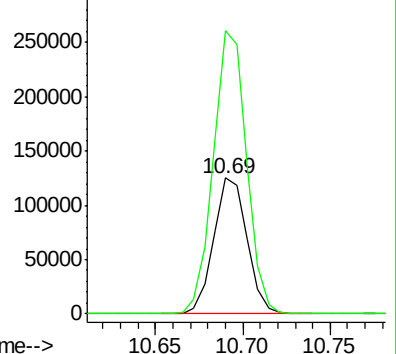
106 100

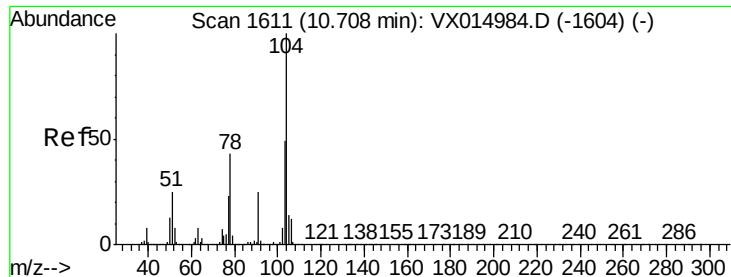
91 207.5 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





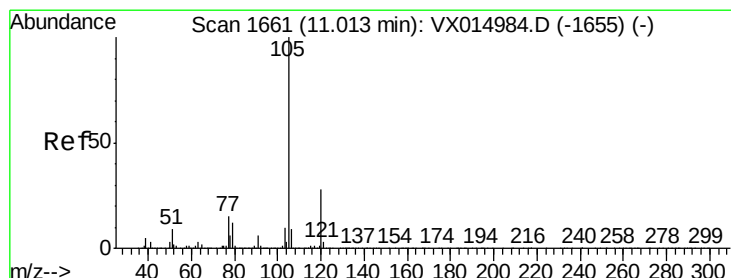
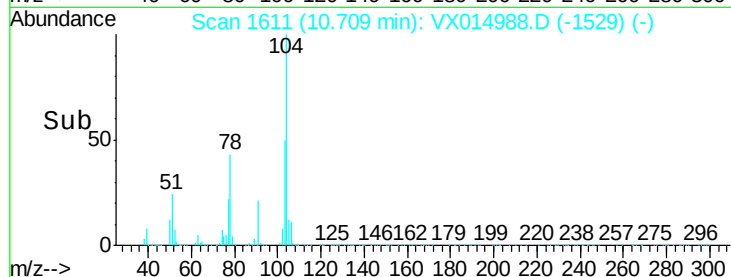
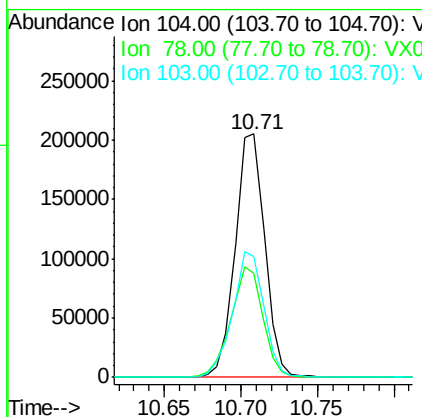
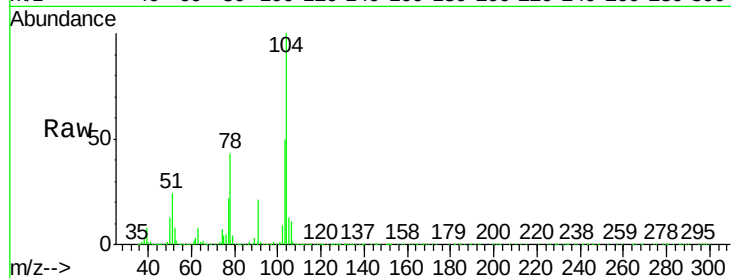
#69
Stvrene
Concen: 18.678 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.4	59.2
103	54.7	42.9	64.3

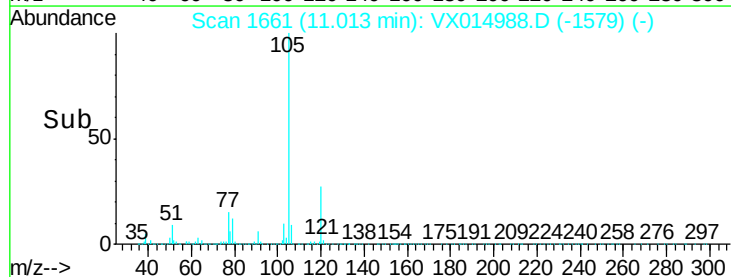
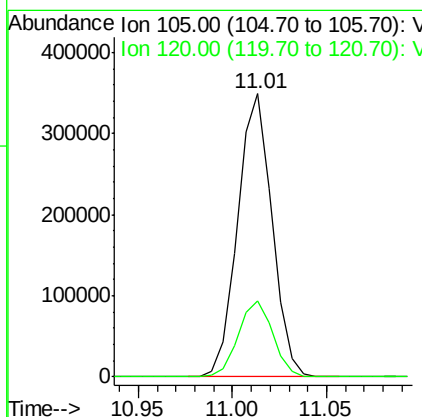
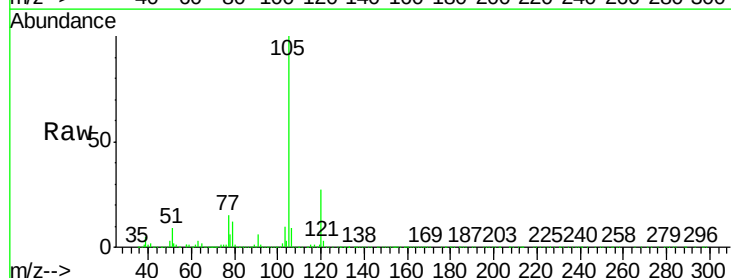
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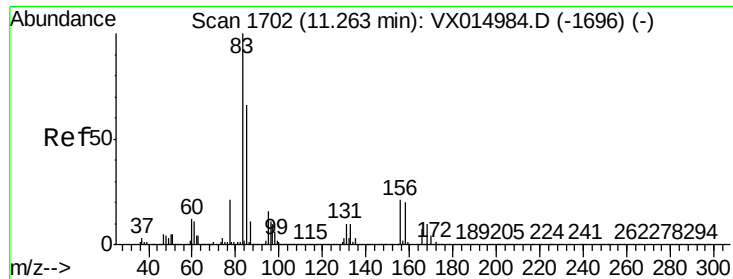
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#70
Isopropylbenzene
Concen: 19.146 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	35.0





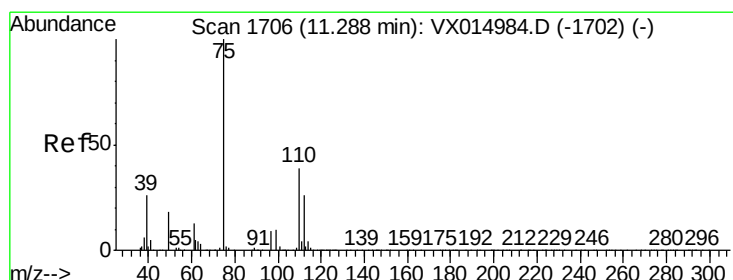
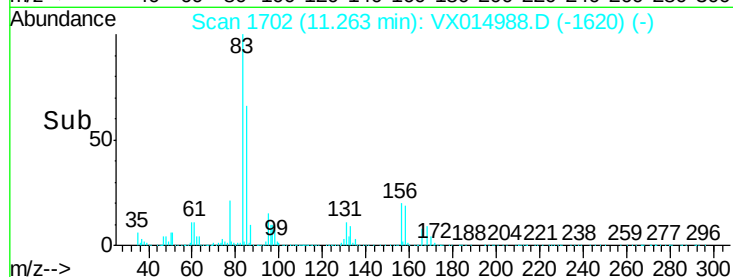
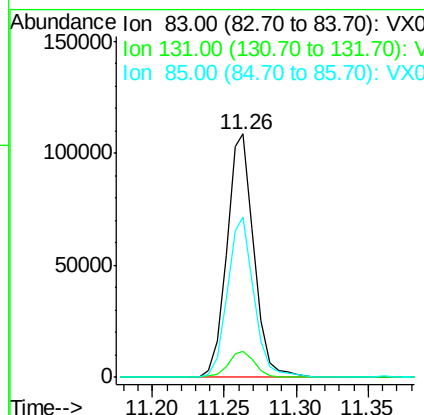
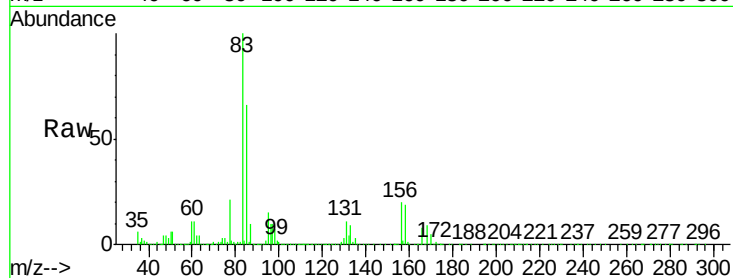
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.334 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX022120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	143111		
131	10.3	5.1	15.4	
85	64.5	32.2	96.6	

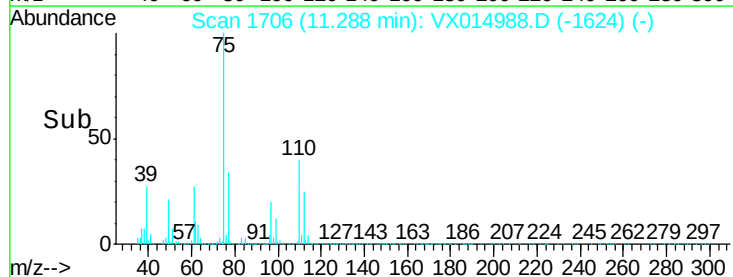
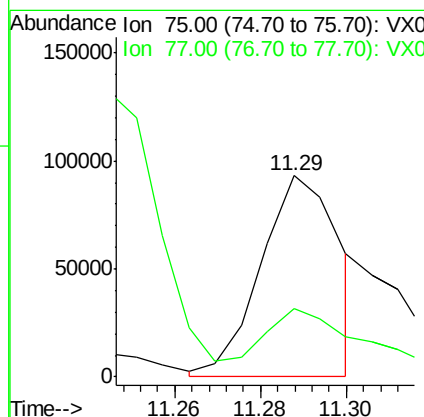
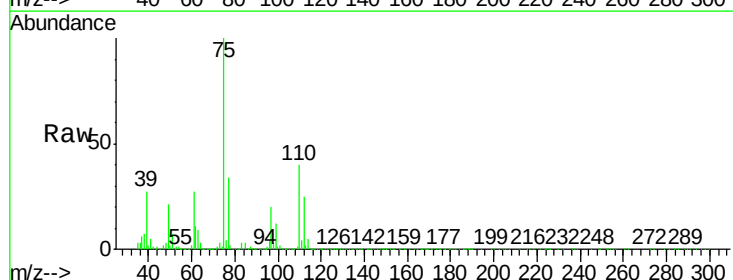
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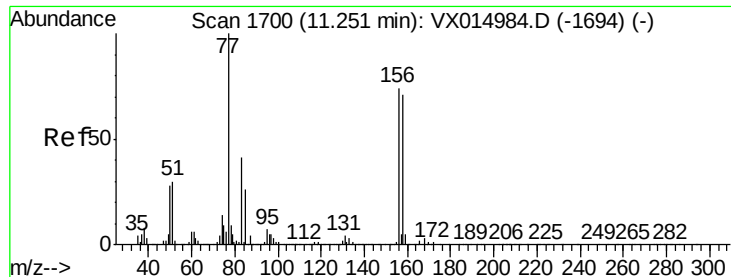
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 17.245 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118958		
77	44.5	0.0	75.4	





#73

Bromobenzene

Concen: 18.758 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

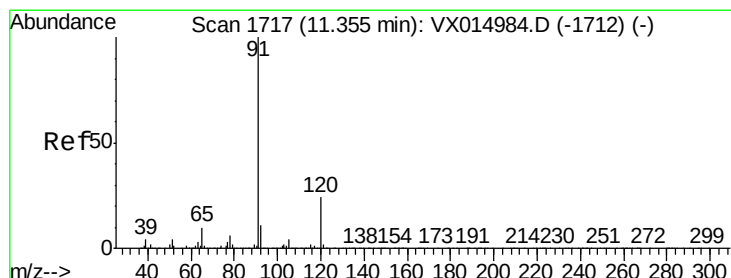
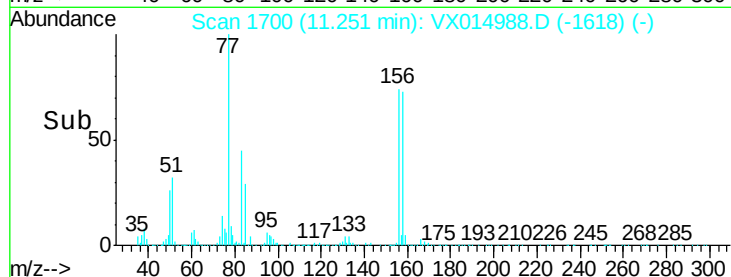
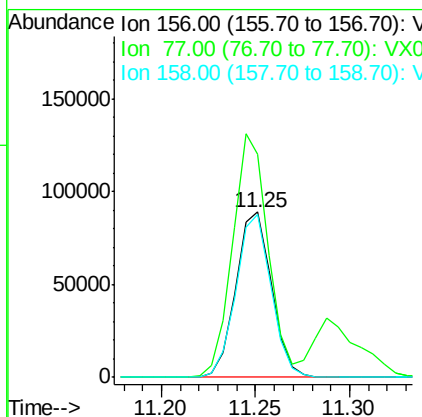
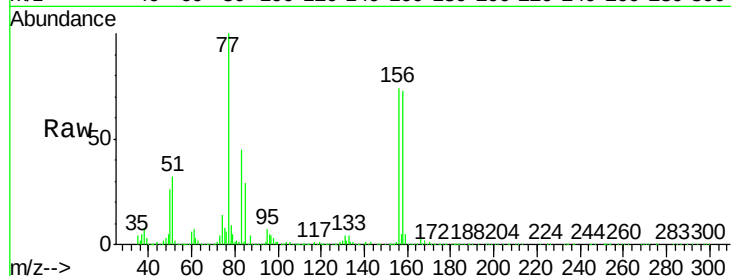
ClientSampleId :

ICVVX022120

Tot Ion:	156	Resp:	116525
Ion Ratio	Lower	Upper	
156	100		
77	145.8	0.0	286.8
158	97.4	0.0	191.8

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#74

n-propylbenzene

Concen: 19.095 ug/l

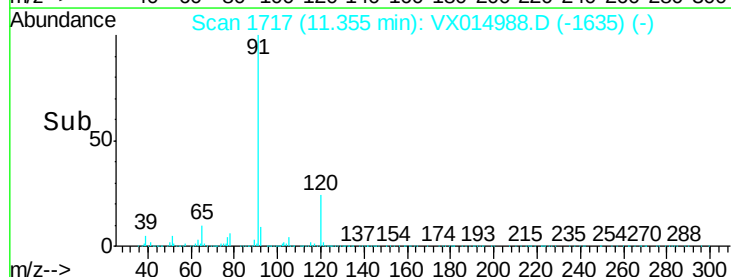
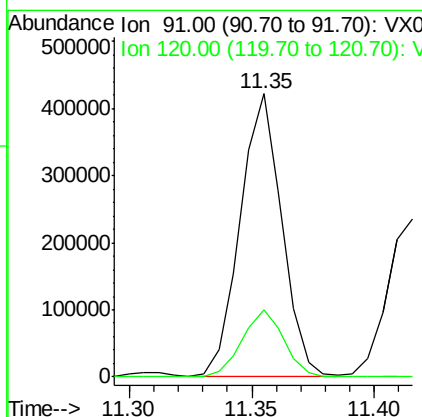
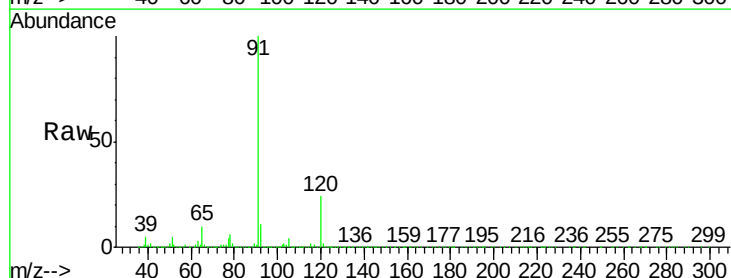
RT: 11.35 min Scan# 1717

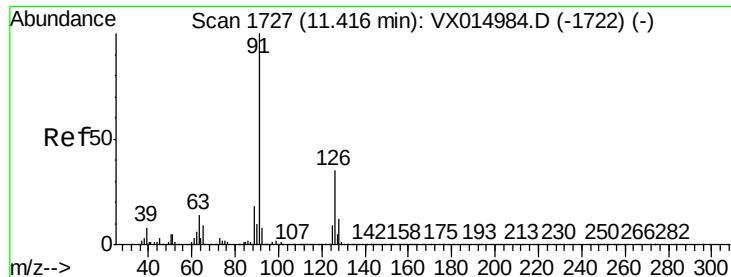
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion:	91	Resp:	499641
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	47.0





#75

2-Chlorotoluene

Concen: 19.220 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion: 91 Resp: 297184

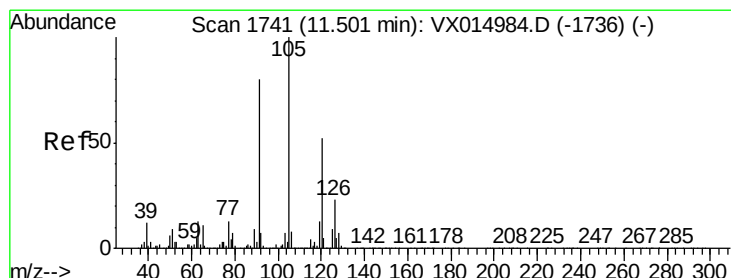
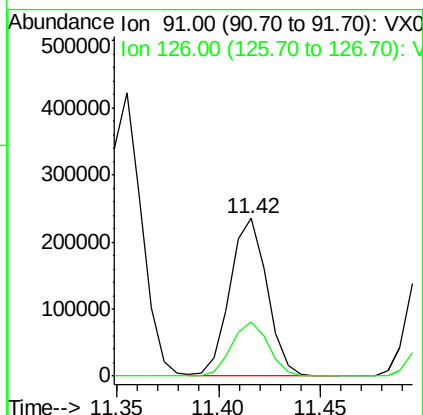
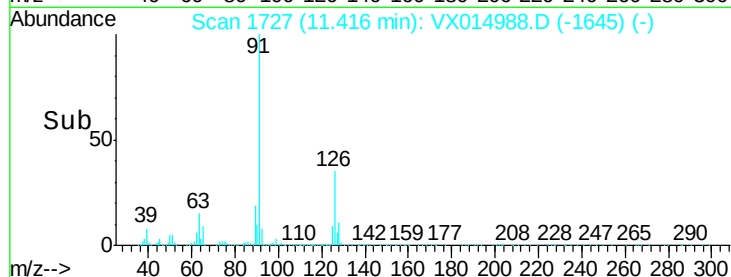
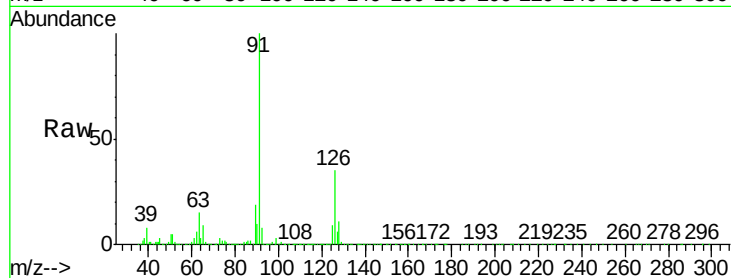
Ion Ratio Lower Upper

91 100

126 34.4 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.106 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014988.D

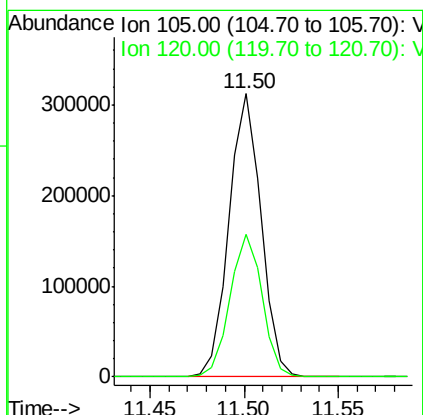
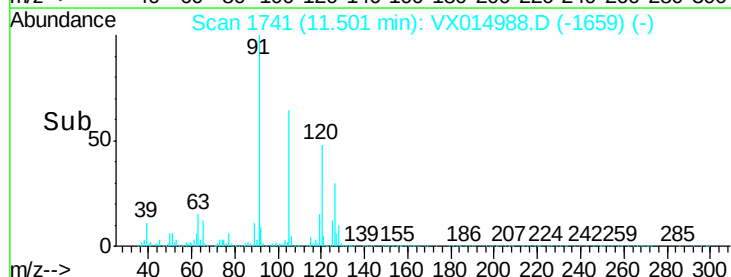
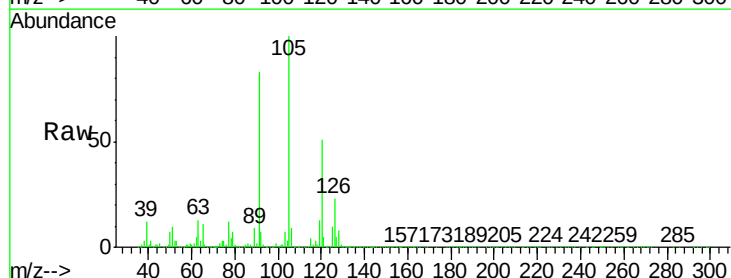
Acq: 21 Feb 2020 11:30

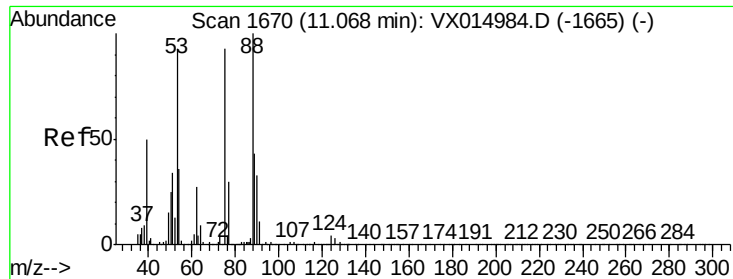
Tgt Ion: 105 Resp: 368110

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.986 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014988.D

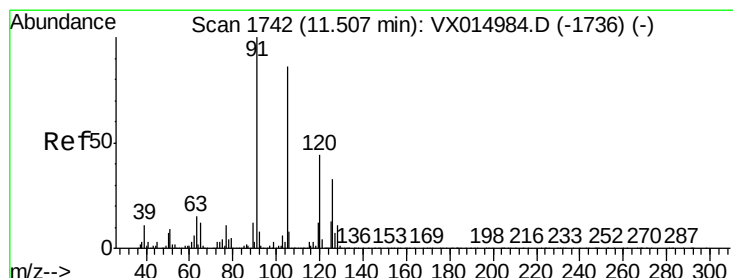
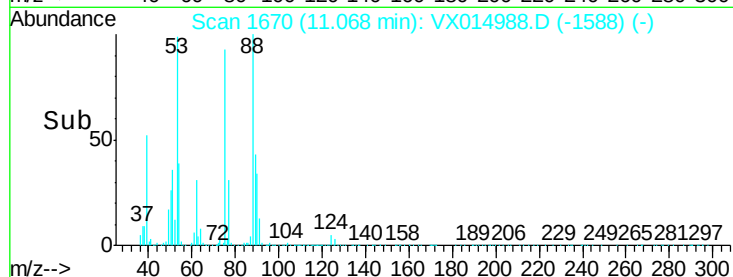
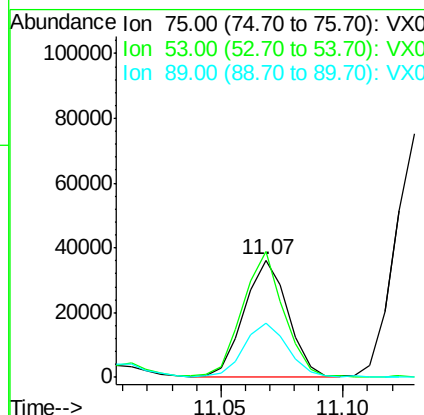
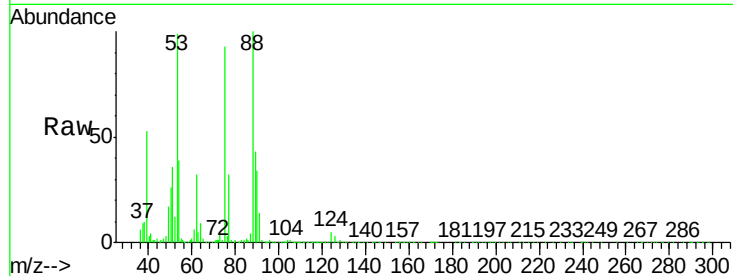
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampled :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.6	50.0	149.8
89	46.6	23.5	70.5

Manual Integrations
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2/24/2020 11:29:10 AM



#78

4-Chlorotoluene

Concen: 19.078 ug/l

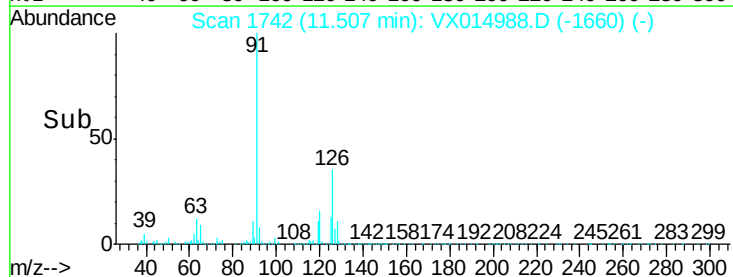
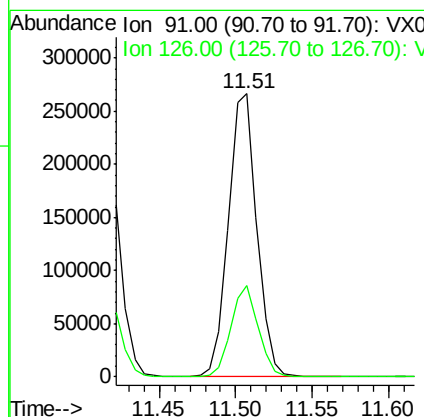
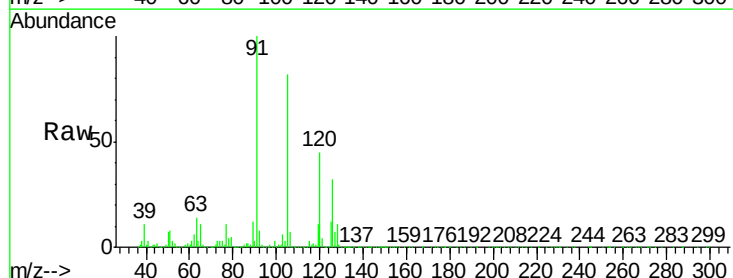
RT: 11.51 min Scan# 1742

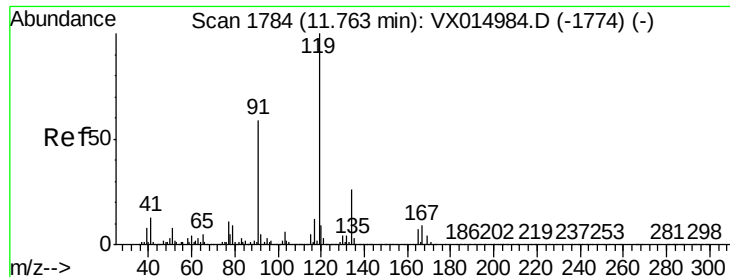
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	62.0





#79

tert-butylbenzene

Concen: 19.343 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

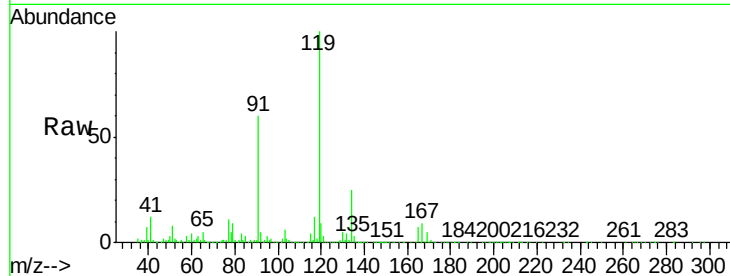
ClientSampleId :

ICVVX022120

Tot Ion:	119	Resp:	360050
Ion Ratio	Lower	Upper	
119	100		
91	56.8	0.0	114.4
134	24.2	0.0	48.8

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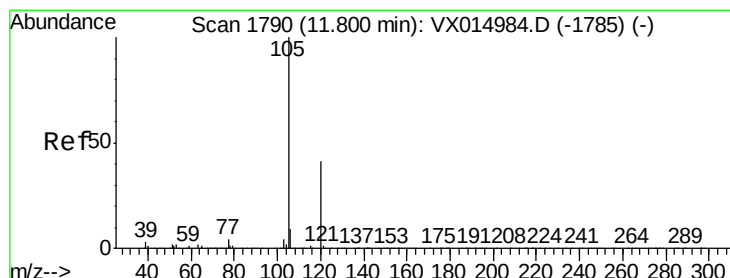
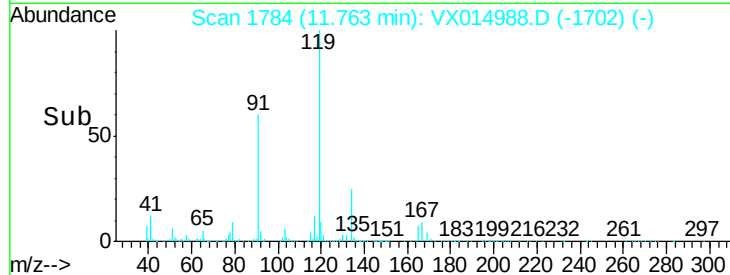
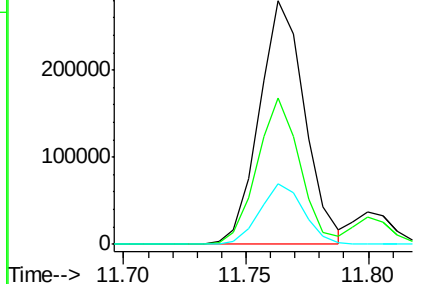
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.022 ug/l

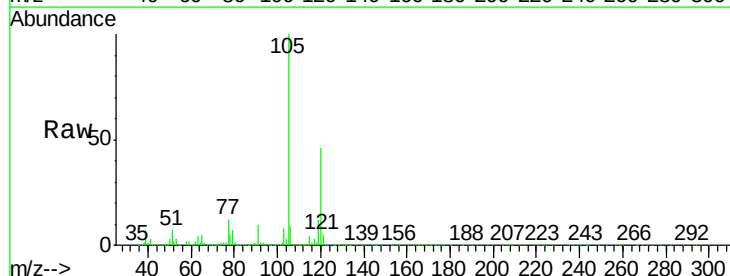
RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014988.D

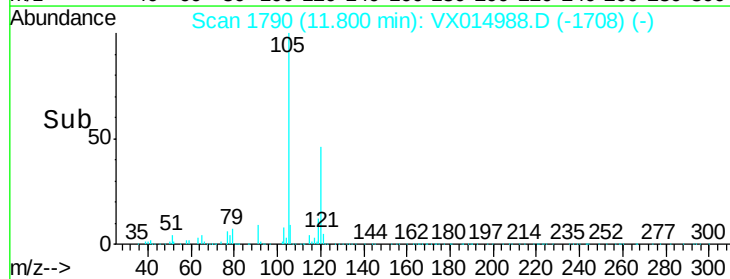
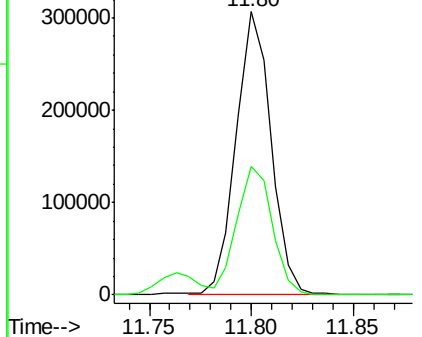
Acq: 21 Feb 2020 11:30

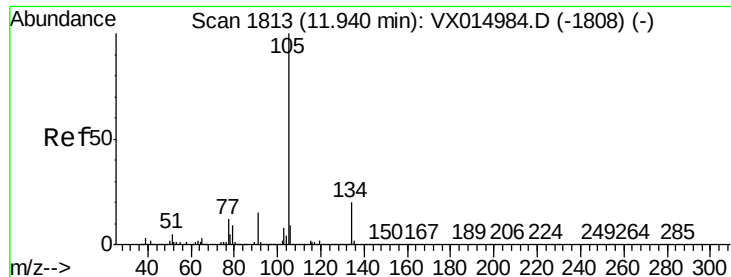
Tgt Ion:	105	Resp:	364362
Ion Ratio	Lower	Upper	
105	100		
120	45.9	0.0	93.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.095 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tot Ion:105 Resp: 425668

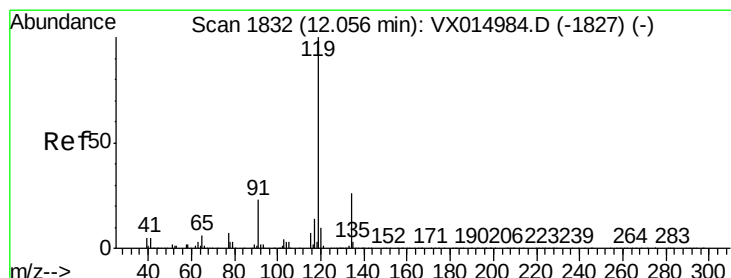
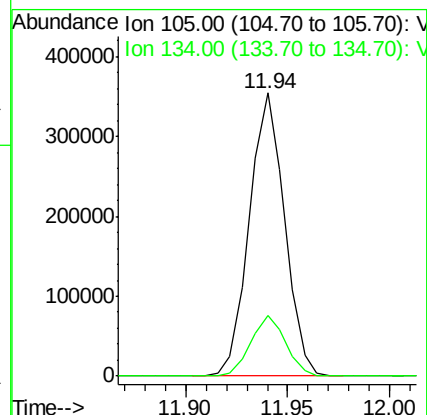
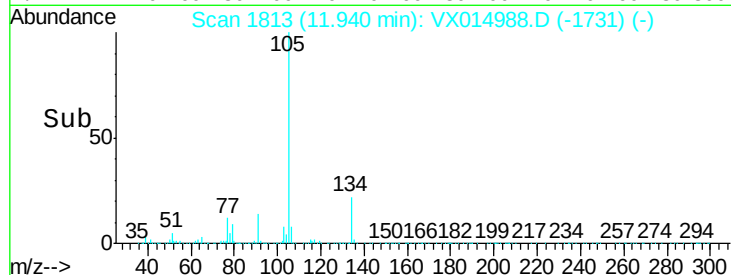
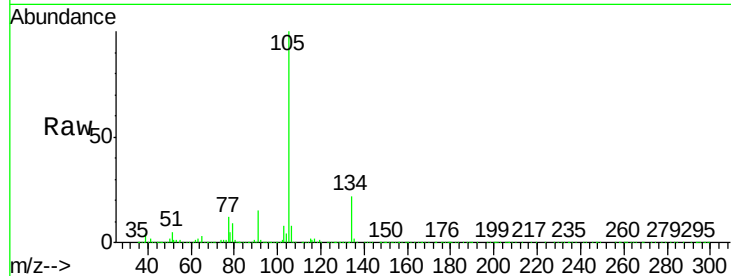
Ion Ratio Lower Upper

105 100

134 21.3 0.0 40.8

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#82

p-Isopropyltoluene

Concen: 19.029 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

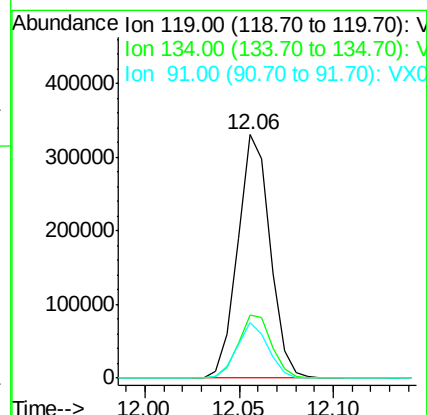
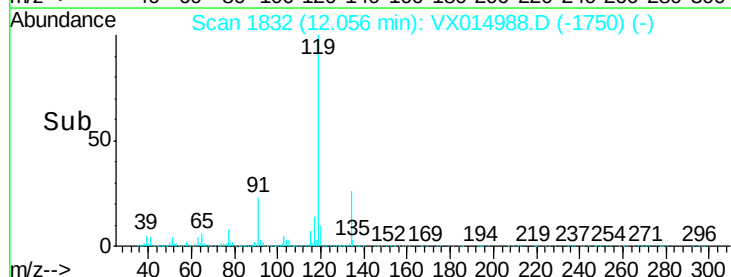
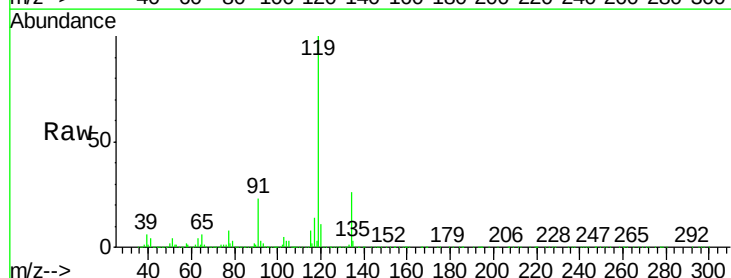
Tgt Ion:119 Resp: 394072

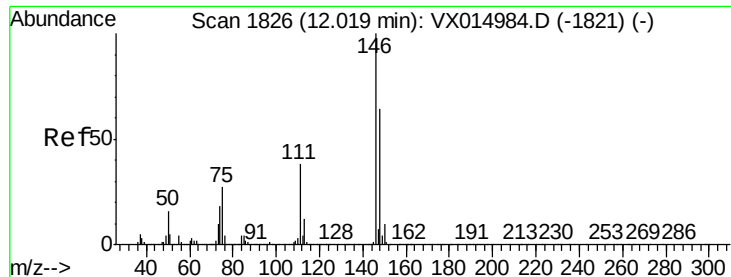
Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

91 22.0 0.0 44.6





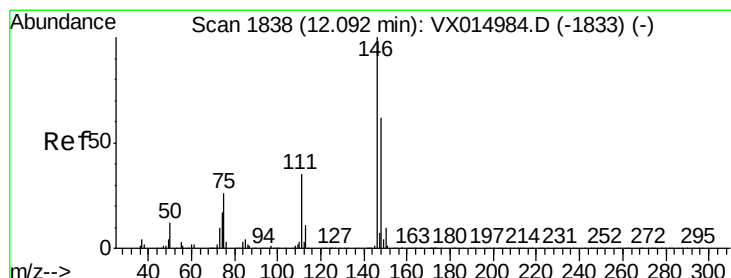
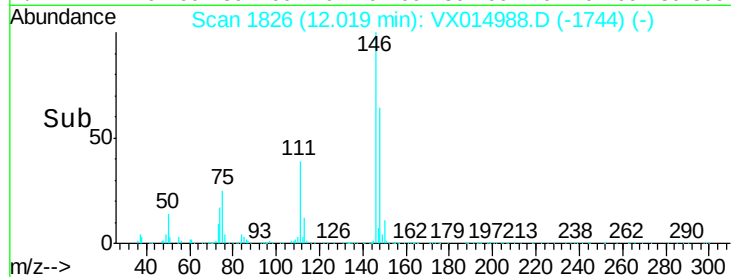
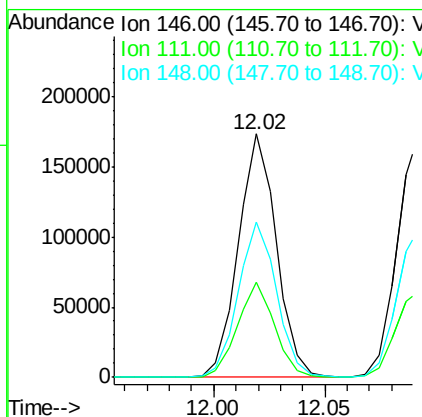
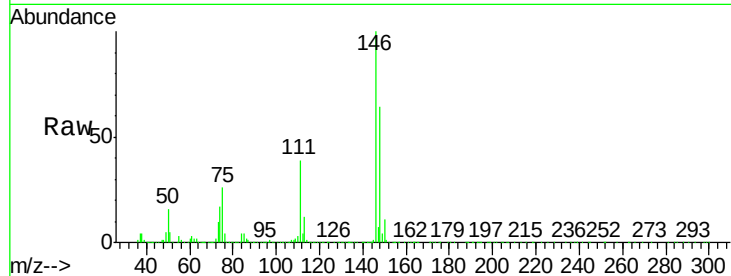
#83
1,3-Dichlorobenzene
Concen: 18.964 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	64.2	32.3	96.9

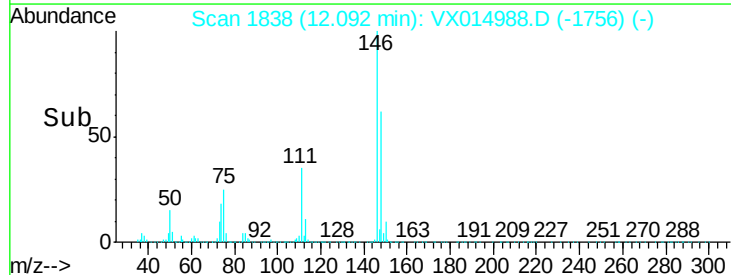
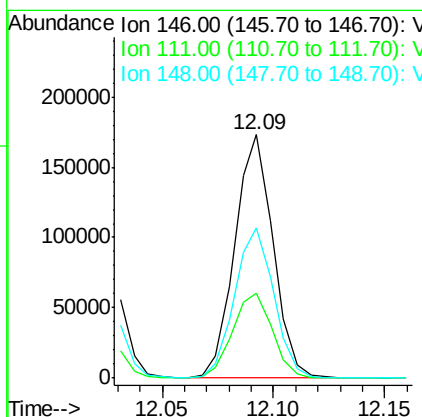
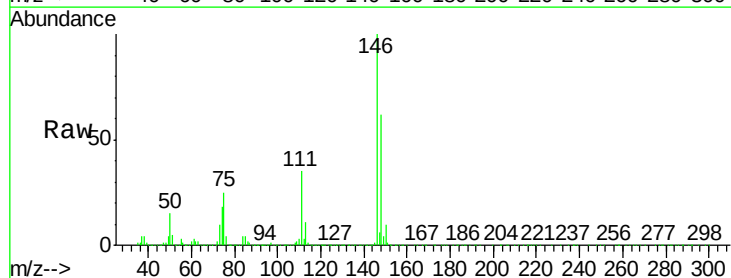
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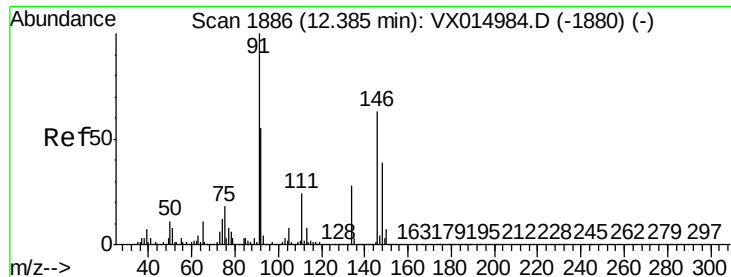
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#84
1,4-Dichlorobenzene
Concen: 18.916 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.8	53.5
148	63.4	31.4	94.2





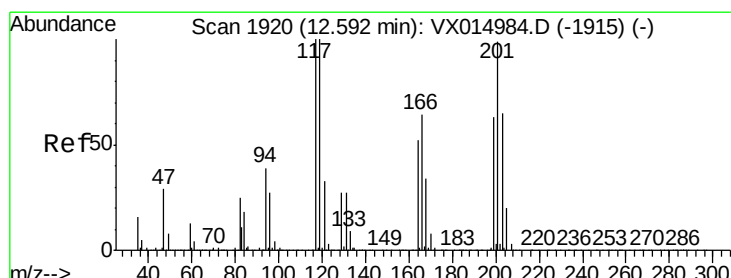
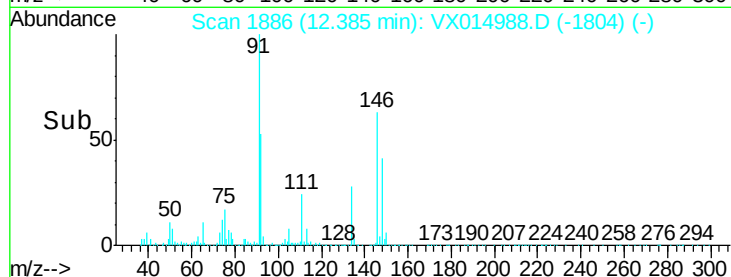
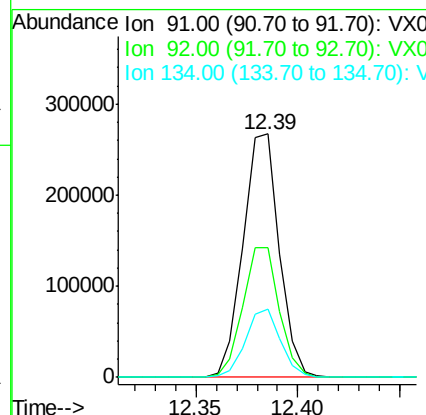
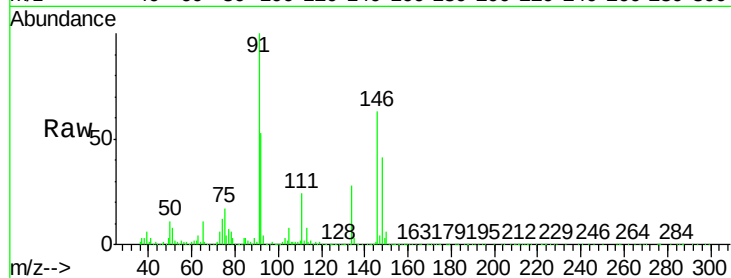
#85
n-Butylbenzene
Concen: 18.278 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Resp	Lower	Upper
91	100	329393		
92	53.7	0.0	109.8	
134	27.0	0.0	54.8	

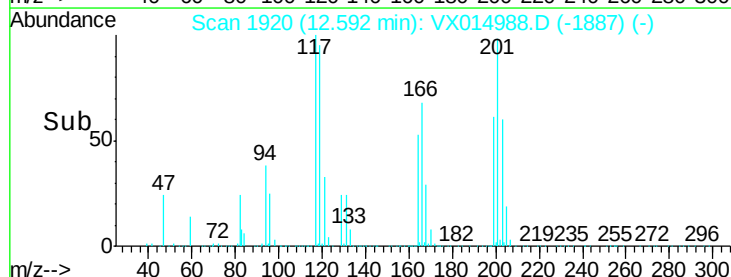
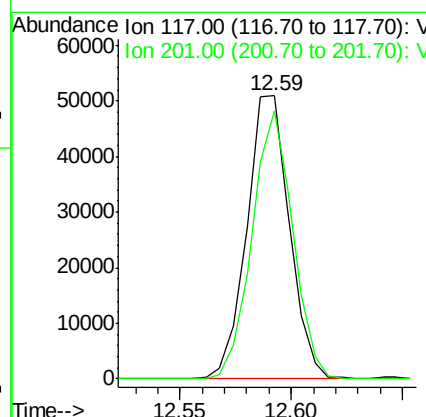
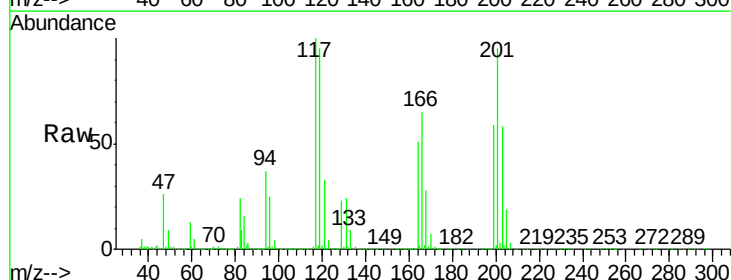
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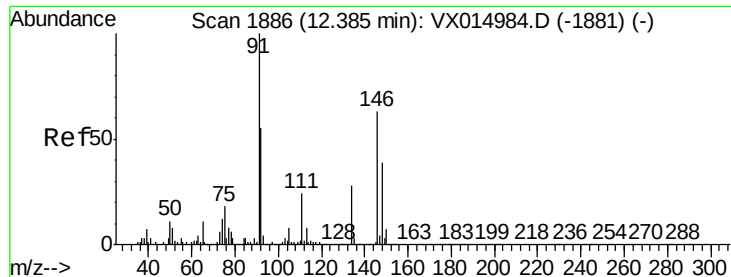
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#86
Hexachloroethane
Concen: 18.083 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67691		
201	90.1	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 18.948 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014988.D

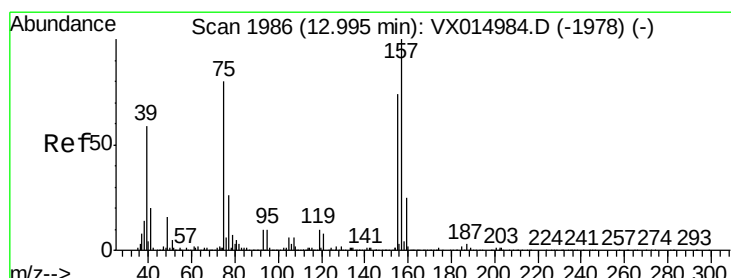
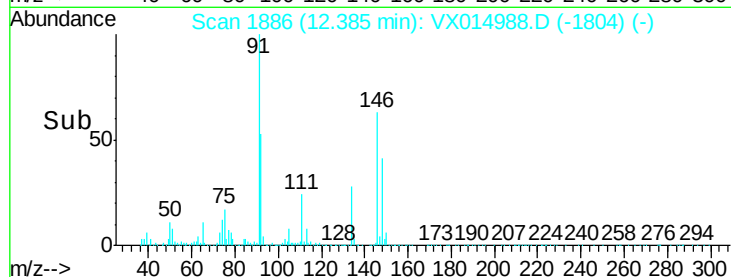
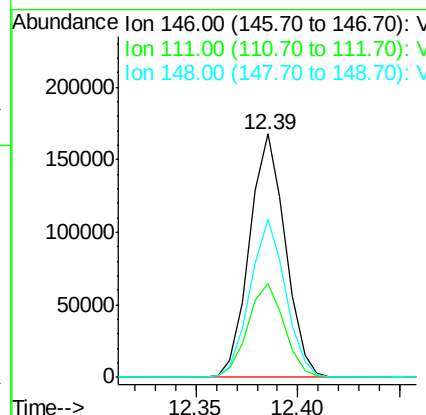
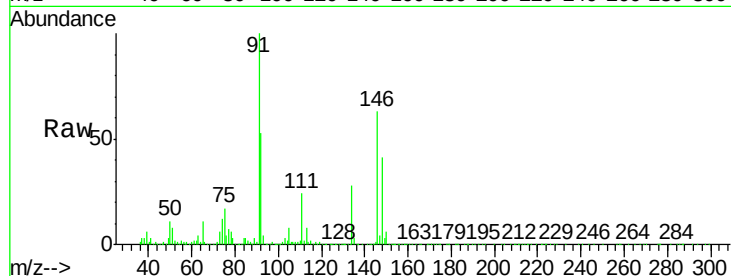
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	63.9	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.726 ug/l

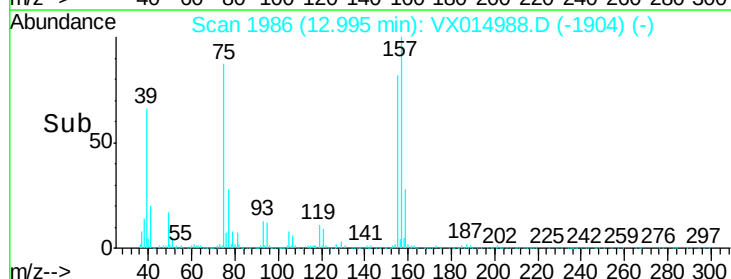
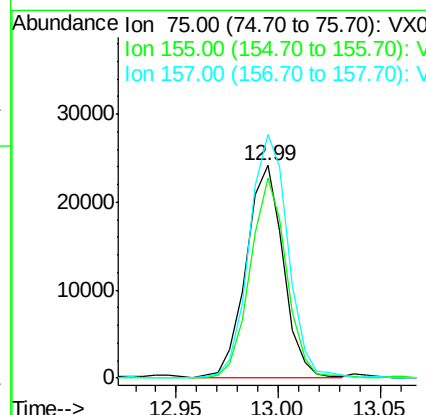
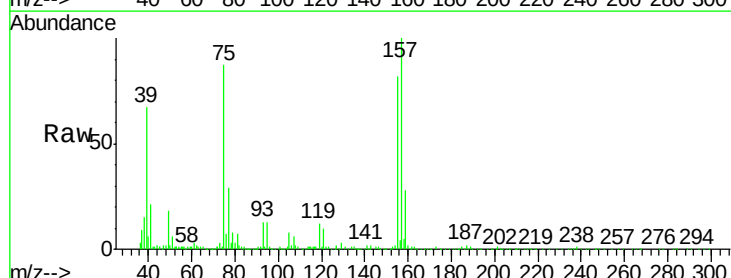
RT: 12.99 min Scan# 1886

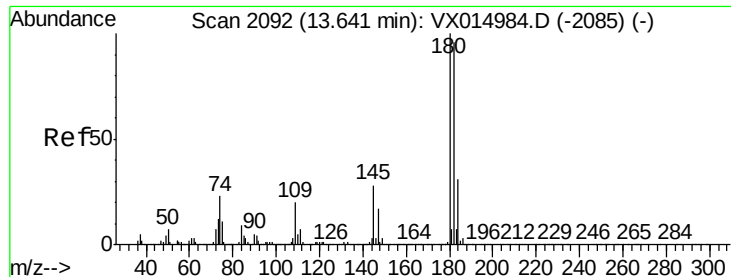
Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	74.5	111.7
157	121.3	96.2	144.4





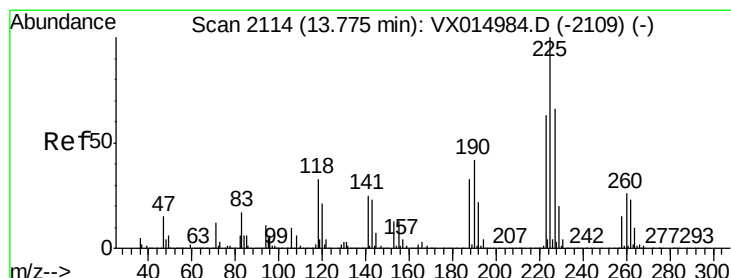
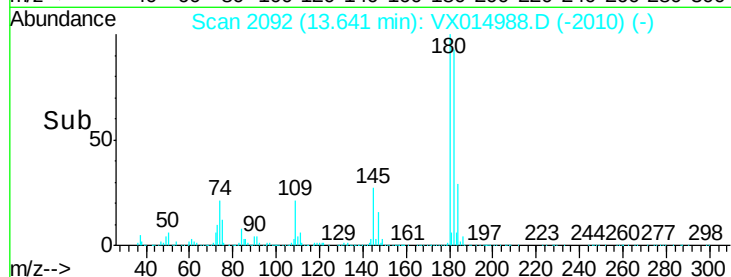
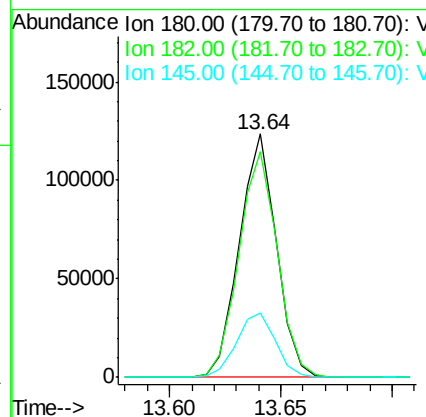
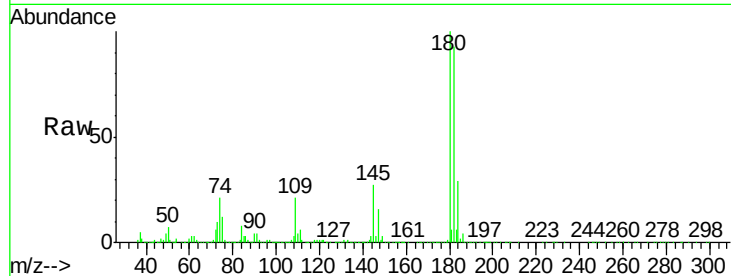
#89
 1,2,4-Trichlorobenzene
 Concen: 18.374 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	143175		
182	96.4	76.4	114.6	
145	27.7	21.8	32.6	

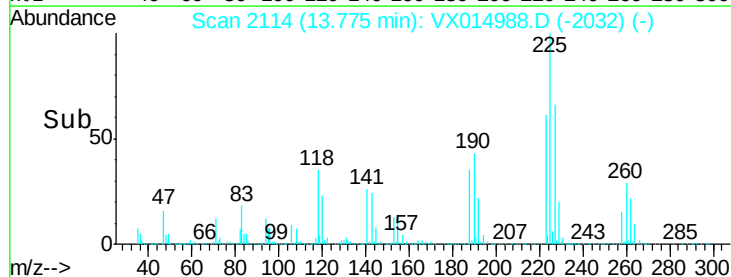
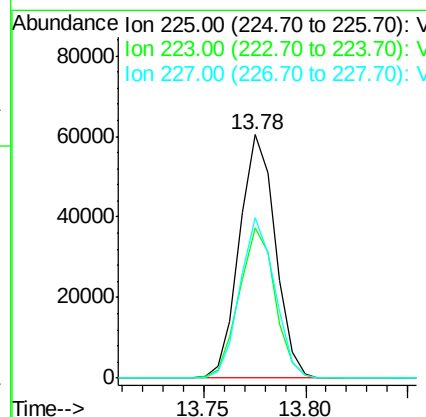
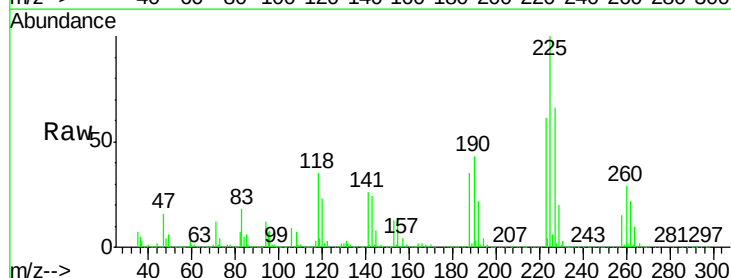
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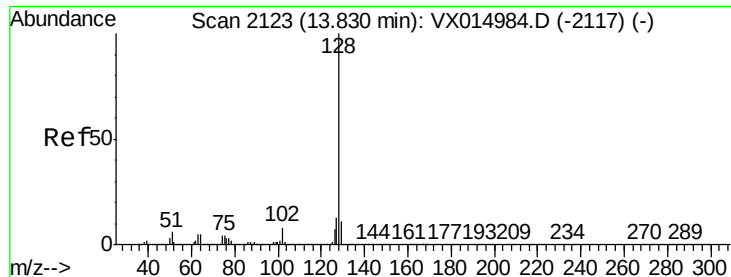
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#90
 Hexachlorobutadiene
 Concen: 19.144 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74085		
223	61.2	0.0	132.0	
227	63.6	0.0	131.0	





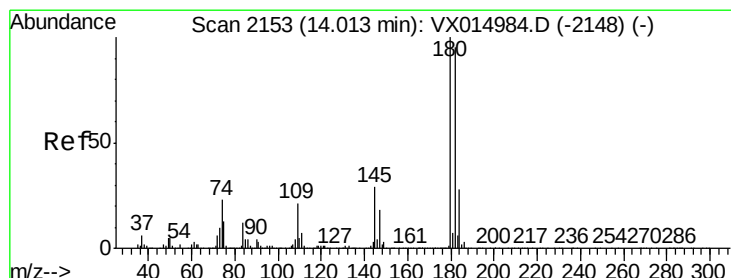
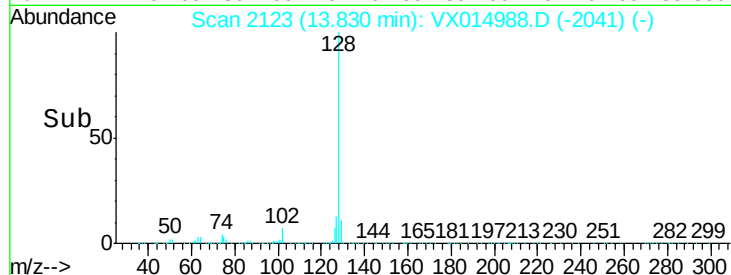
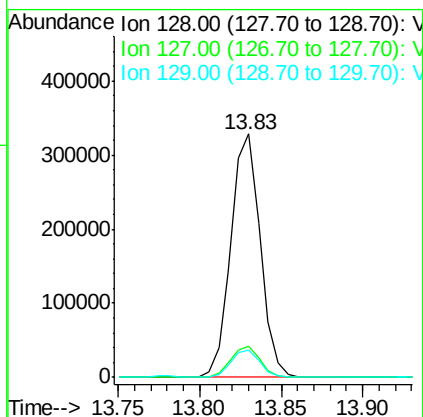
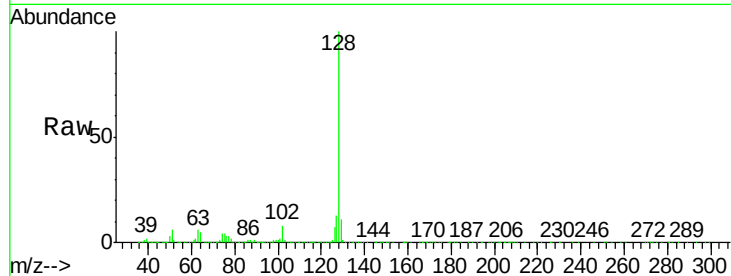
#91
Naphthalene
Concen: 18.674 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tot Ion	Ratio	Resp	Lower	Upper
128	100	411980		
127	12.7	10.2	15.4	
129	11.1	8.6	13.0	

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.481 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	142983		
182	95.8	0.0	192.4	
145	30.0	0.0	60.4	

