

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX030620\
 Data File : VX015118.D
 Acq On : 06 Mar 2020 11:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:27 AM

Quant Time: Mar 07 00:34:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	62092	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.84	114	336087	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	307083	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	130670	30.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.87%
60) 4-Bromofluorobenzene	11.13	95	142959	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	8.71	98	409536	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	51268	18.490	ug/l 99
3) Chloromethane	1.31	50	77215	21.537	ug/l 99
4) Vinyl Chloride	1.40	62	80519	20.867	ug/l 97
5) Bromomethane	1.64	94	51144	18.927	ug/l 96
6) Chloroethane	1.72	64	50224	19.431	ug/l 97
7) Trichlorofluoromethane	1.92	101	104526	18.613	ug/l 96
8) Diethyl Ether	2.18	74	44426	18.805	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65156	20.068	ug/l 99
10) 1,1-Dichloroethene	2.37	96	63193	19.360	ug/l 99
11) Methyl Iodide	2.50	142	55948	14.107	ug/l 99
12) Methyl Acetate	2.76	43	83597	20.581	ug/l 98
13) Acrolein	2.28	56	88829	109.963	ug/l 99
14) Acrylonitrile	3.12	53	184414	100.534	ug/l 99
15) Acetone	2.43	58	65530	99.823	ug/l 96
16) Carbon Disulfide	2.56	76	165184	18.822	ug/l 98
17) Allyl chloride	2.72	41	116152	20.457	ug/l 94
18) Methylene Chloride	2.84	84	74905	19.917	ug/l 90
19) trans-1,2-Dichloroethene	3.16	96	71070	19.823	ug/l 99
20) Diisopropyl ether	3.84	45	247376	21.333	ug/l 98
21) 1,1-Dichloroethane	3.69	63	130475	20.526	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	81316	19.820	ug/l 95
23) tert-Butyl Alcohol	3.03	59	77946	107.196	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	222127	20.454	ug/l 99
25) Chloroform	5.20	83	133904	20.889	ug/l 94
26) Cyclohexane	5.56	56	115506	20.331	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	95847	20.162	ug/l 99
30) 2-Butanone	4.65	43	270465	98.570	ug/l 100
31) 2,2-Dichloropropane	4.57	77	108413	20.769	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	112103	20.766	ug/l 97
33) Carbon Tetrachloride	5.77	117	97408	20.612	ug/l 92
34) Benzene	6.13	78	296103	20.643	ug/l 98
35) Methacrylonitrile	5.03	41	56670	20.247	ug/l 97
36) 1,2-Dichloroethane	6.18	62	107664	21.205	ug/l 99
37) Trichloroethene	7.20	130	80014	19.867	ug/l 97
38) Methylcyclohexane	7.45	83	118109	20.044	ug/l 100
39) 1,2-Dichloropropane	7.50	63	79231	21.459	ug/l 97
40) Dibromomethane	7.65	93	49016	19.881	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	100657	20.668	ug/l	97
42) Vinyl Acetate	3.80	43	1013549	104.945	ug/l	100
43) Ethyl Acetate	4.81	43	100726	20.288	ug/l	99
44) Isopropyl Acetate	6.43	43	164947	19.763	ug/l	98
45) 1,4-Dioxane	7.73	88	35553	461.015	ug/l	93
46) Methyl methacrylate	7.76	41	79596	19.278	ug/l	96
47) n-amyl Acetate	10.89	43	139929	19.353	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	106380	19.688	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	122437	20.582	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	77272	21.037	ug/l	97
51) Ethyl methacrylate	9.17	69	109130	19.249	ug/l	96
52) 1,3-Dichloropropane	9.36	76	129212	20.794	ug/l	98
53) Dibromochloromethane	9.57	129	79626	20.050	ug/l	99
54) 1,2-Dibromoethane	9.67	107	79224	20.315	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	287073	95.059	ug/l	98
56) Bromoform	10.85	173	59063	18.972	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	515811	102.492	ug/l	100
59) 2-Hexanone	9.48	43	394270	100.266	ug/l	99
61) Tetrachloroethene	9.33	164	81807	19.834	ug/l	99
62) Toluene	8.78	91	320584	20.382	ug/l	99
64) Chlorobenzene	10.13	112	199692	19.890	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	75615	20.333	ug/l	99
66) Ethyl Benzene	10.25	91	352986	20.372	ug/l	100
67) m/p-Xylenes	10.36	106	268874	40.243	ug/l	99
68) o-Xylene	10.69	106	128238	19.837	ug/l	100
69) Styrene	10.71	104	218981	19.833	ug/l	100
70) Isopropylbenzene	11.01	105	350078	20.387	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	112170	20.288	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	93316m	20.347	ug/l	
73) Bromobenzene	11.25	156	90050	19.407	ug/l	96
74) n-propylbenzene	11.35	91	406389	20.793	ug/l	100
75) 2-Chlorotoluene	11.42	91	236402	20.468	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	288501	20.047	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	34258	18.525	ug/l	98
78) 4-Chlorotoluene	11.51	91	273825	20.496	ug/l	98
79) tert-butylbenzene	11.76	119	281579	20.252	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	290764	20.322	ug/l	100
81) sec-Butylbenzene	11.94	105	342361	20.561	ug/l	100
82) p-Isopropyltoluene	12.06	119	308347	19.933	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	161790	19.891	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	159839	19.514	ug/l	98
85) n-Butylbenzene	12.39	91	266307	19.784	ug/l	99
86) Hexachloroethane	12.59	117	54888	19.630	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	160455	19.824	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	21798	18.103	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	109509	18.814	ug/l	99
90) Hexachlorobutadiene	13.78	225	54999	19.026	ug/l	99
91) Naphthalene	13.83	128	313163	19.004	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	113522	19.644	ug/l	99

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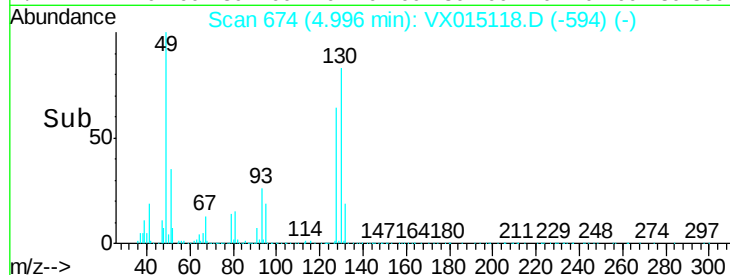
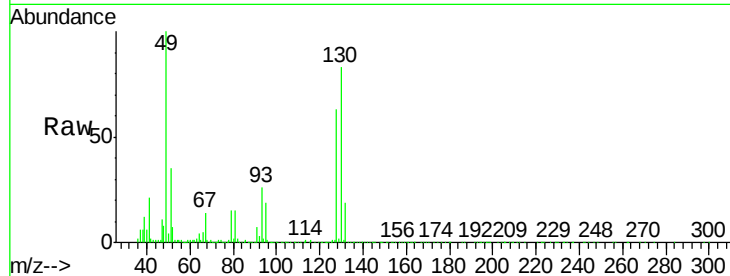
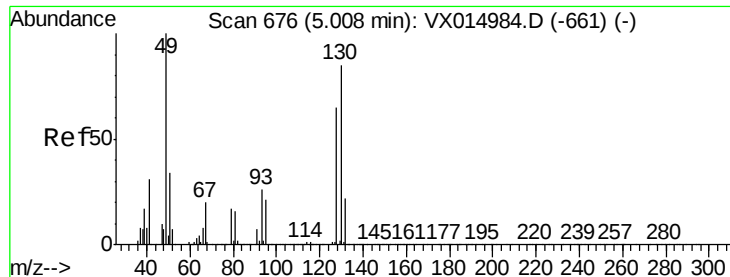
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015118.D

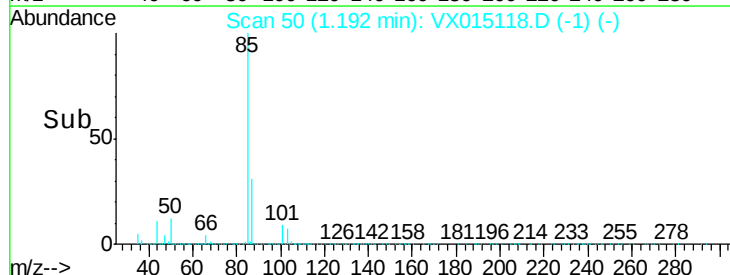
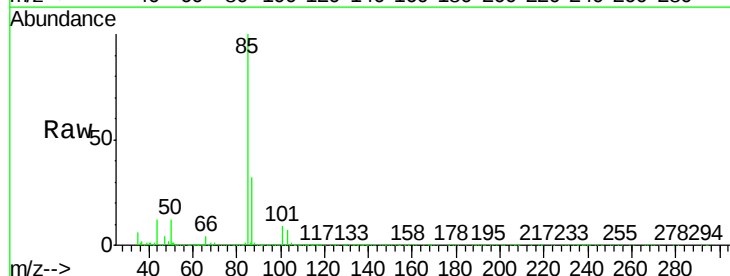
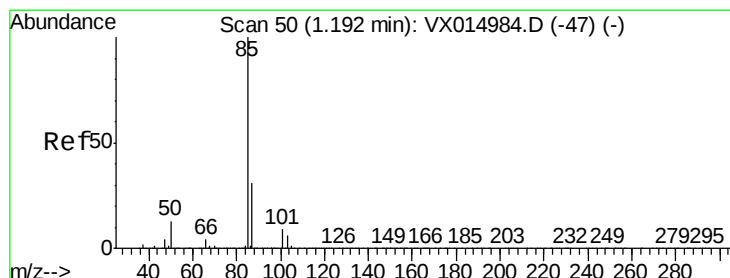
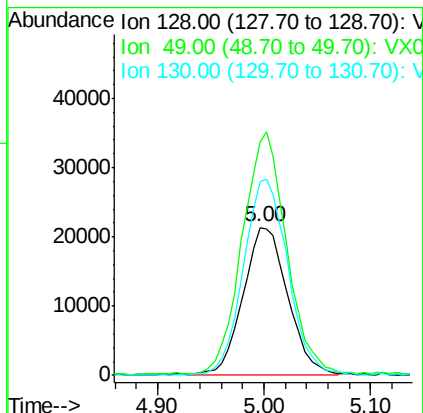
Acq: 06 Mar 2020 11:13

Tot Ion:	128	Resp:	62092
Ion	Ratio	Lower	Upper
128	100		
49	163.6	0.0	384.7
130	134.4	0.0	330.8

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#2

Dichlorodifluoromethane

Concen: 18.490 ug/l

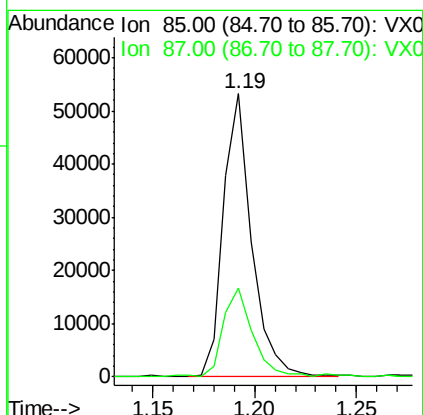
RT: 1.19 min Scan# 50

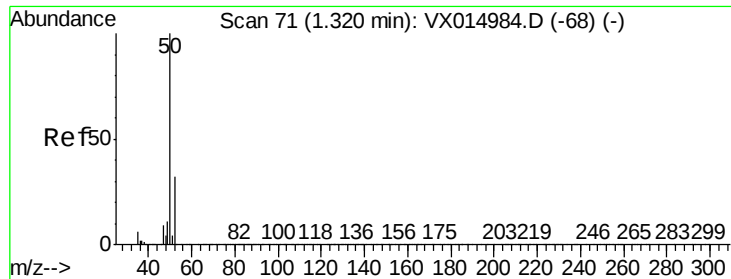
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	85	Resp:	51268
Ion	Ratio	Lower	Upper
85	100		
87	31.0	15.3	45.9





#3

Chloromethane

Concen: 21.537 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 77215

Ion Ratio Lower Upper

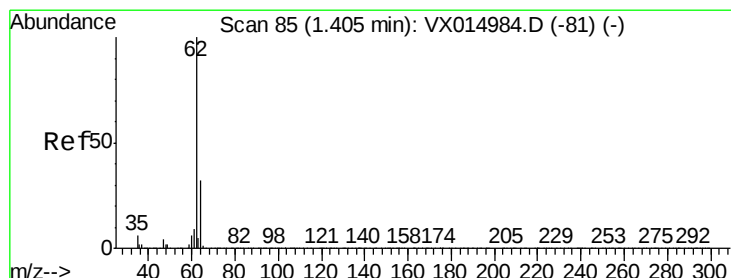
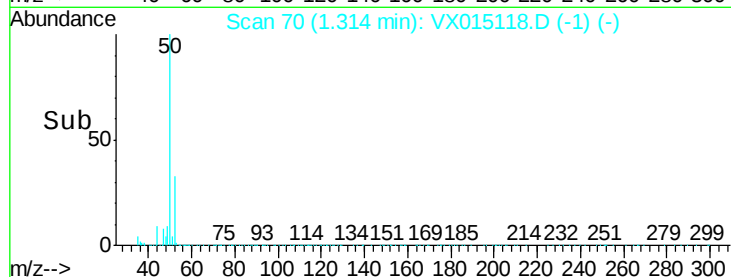
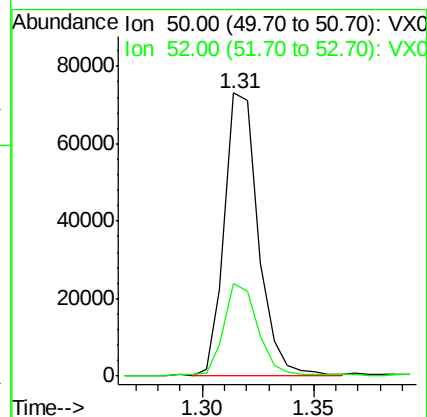
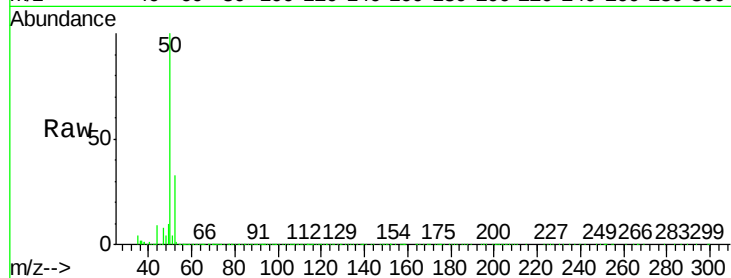
50 100

52 32.5 25.4 38.0

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#4

Vinyl Chloride

Concen: 20.867 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015118.D

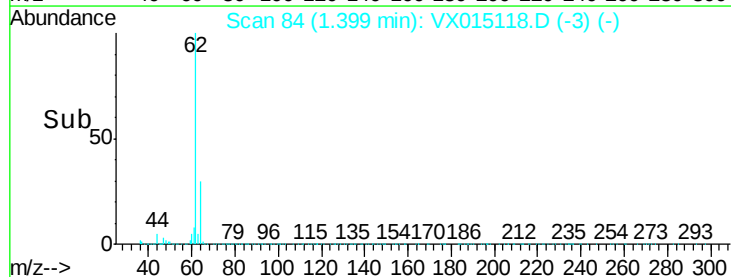
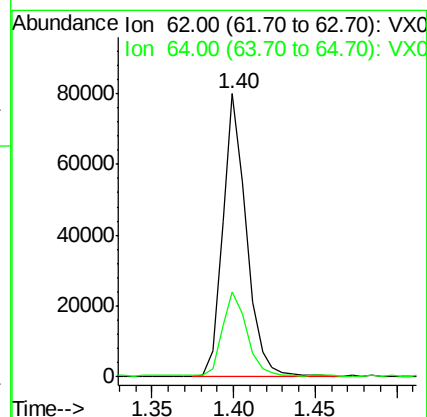
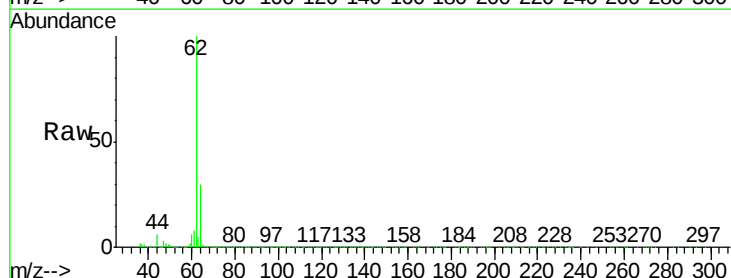
Acq: 06 Mar 2020 11:13

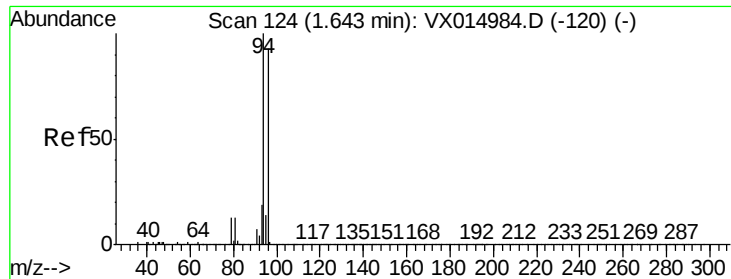
Tgt Ion: 62 Resp: 80519

Ion Ratio Lower Upper

62 100

64 29.9 25.4 38.0





#5

Bromomethane

Concen: 18.927 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 51144

Ion Ratio Lower Upper

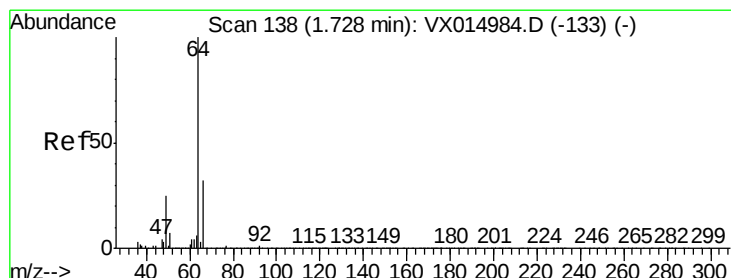
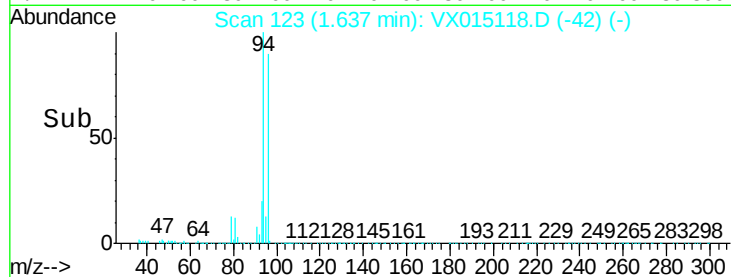
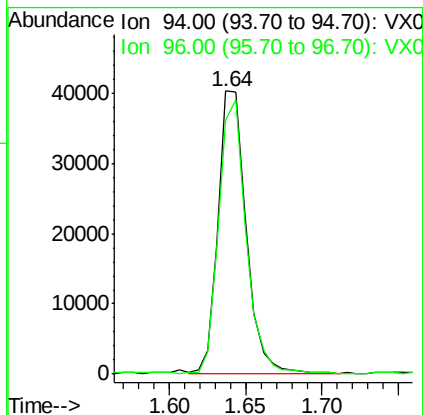
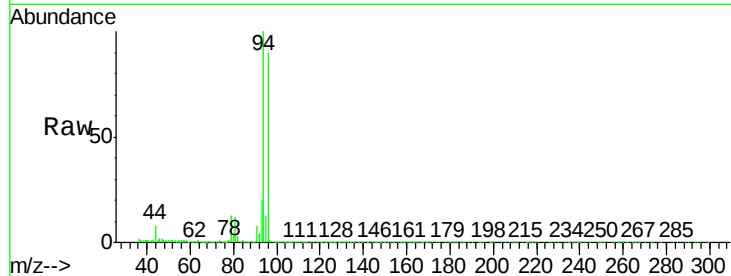
94 100

96 89.6 74.6 112.0

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#6

Chloroethane

Concen: 19.431 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015118.D

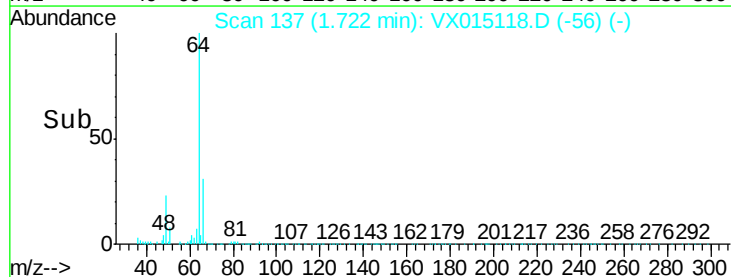
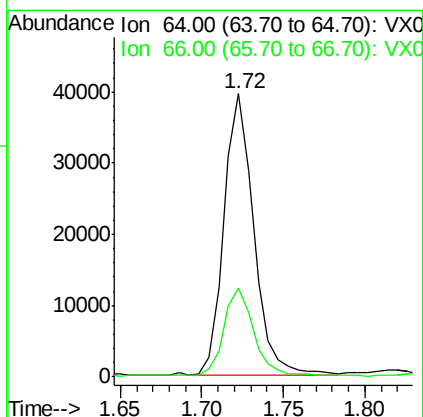
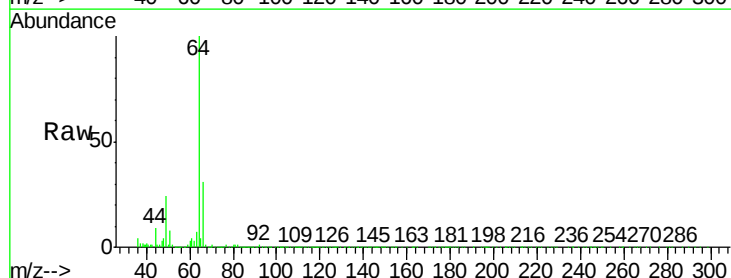
Acq: 06 Mar 2020 11:13

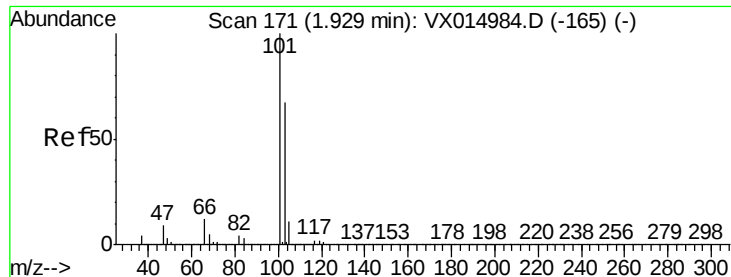
Tgt Ion: 64 Resp: 50224

Ion Ratio Lower Upper

64 100

66 30.7 25.8 38.6





#7

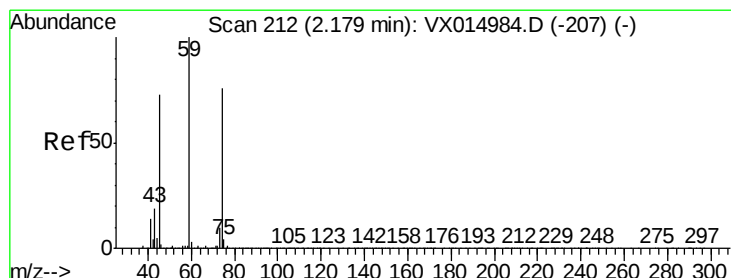
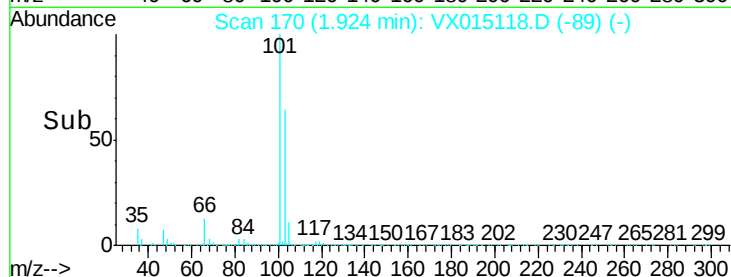
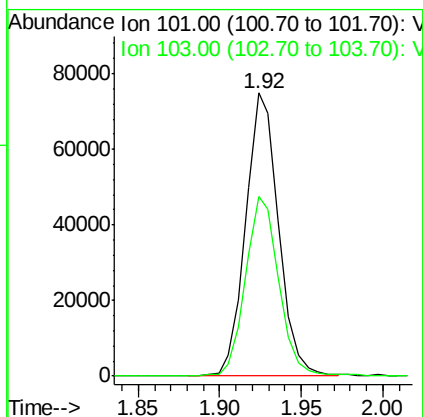
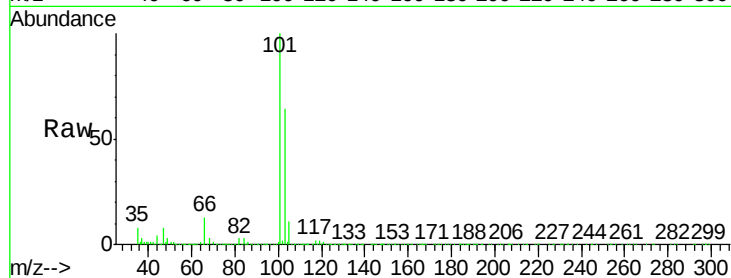
Trichlorofluoromethane
Concen: 18.613 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015118.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	53.4	80.2

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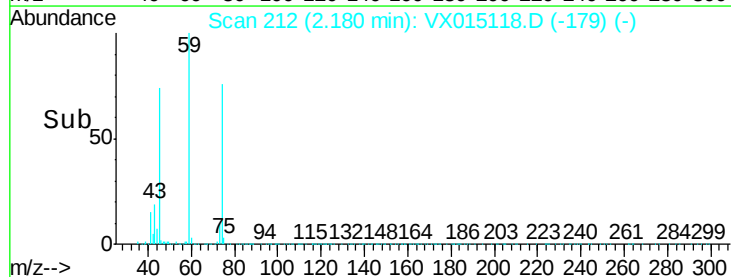
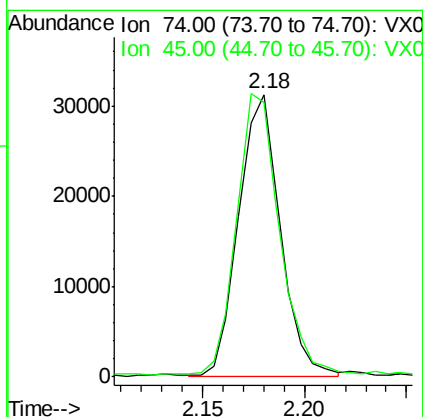
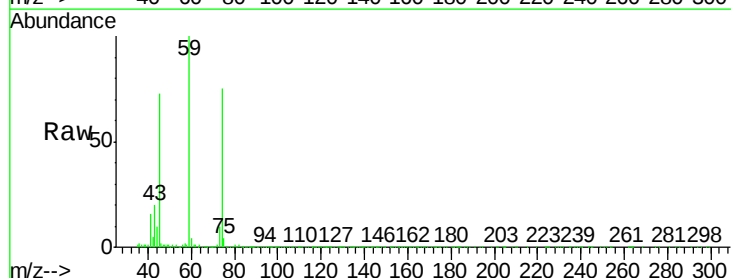
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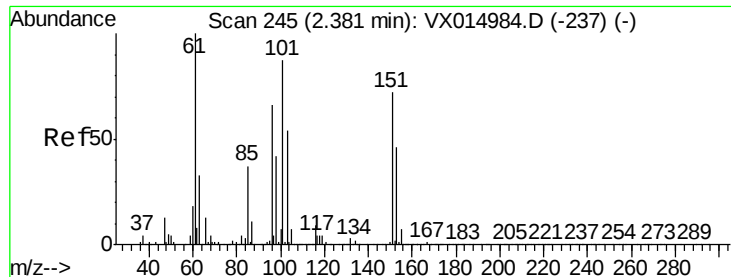


#8

Diethyl Ether
Concen: 18.805 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015118.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.068 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

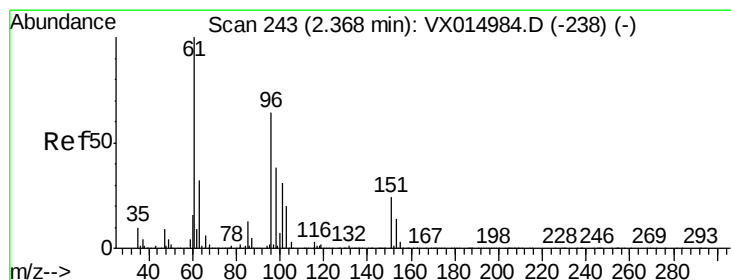
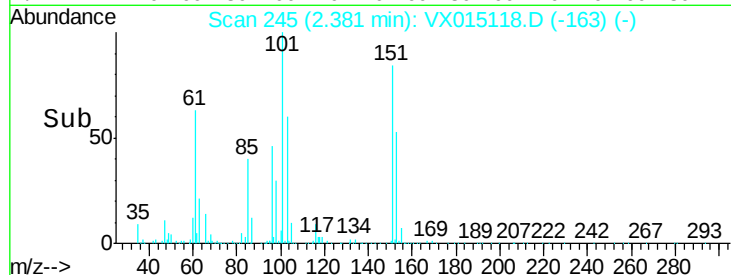
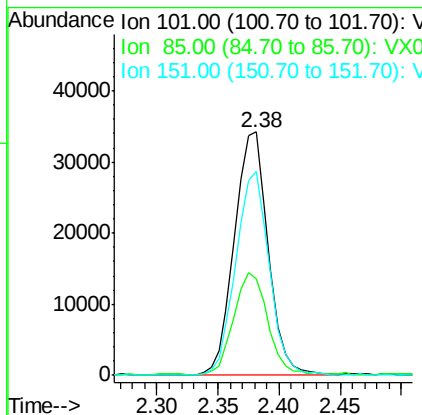
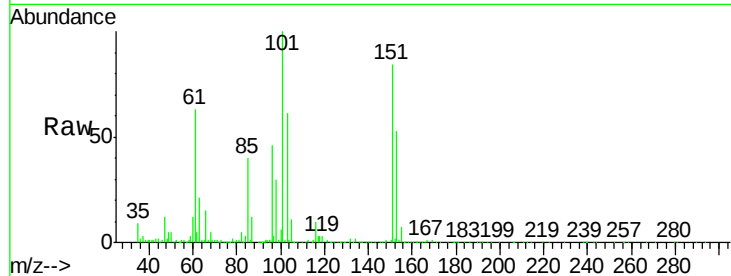
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	65156
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	86.6
151	83.9	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 19.360 ug/l

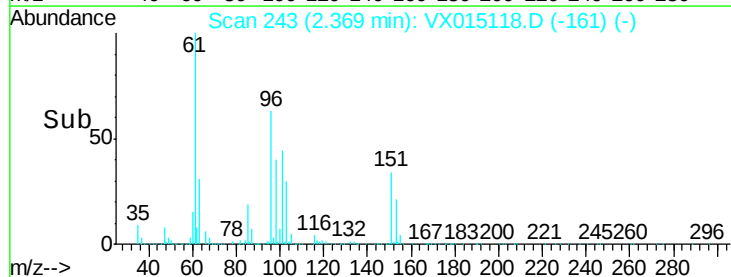
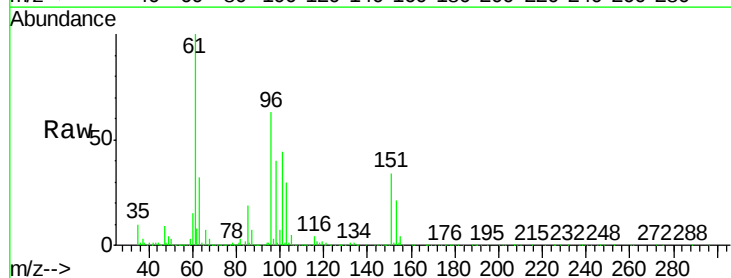
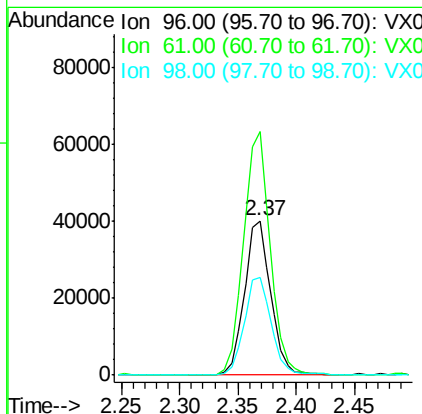
RT: 2.37 min Scan# 243

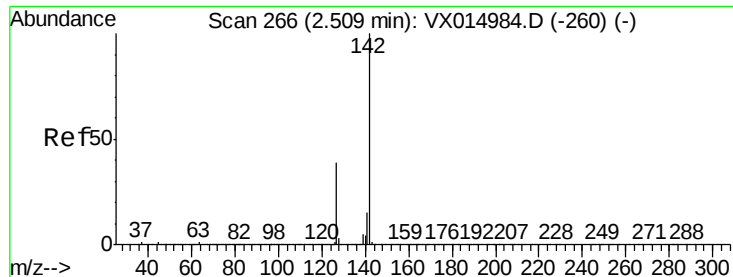
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	96	Resp:	63193
Ion Ratio	Lower	Upper	
96	100		
61	157.7	126.1	189.1
98	62.7	48.2	72.2





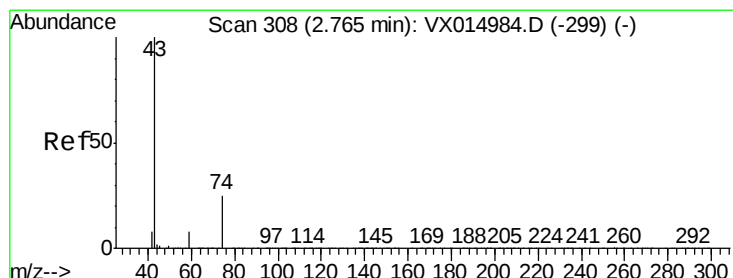
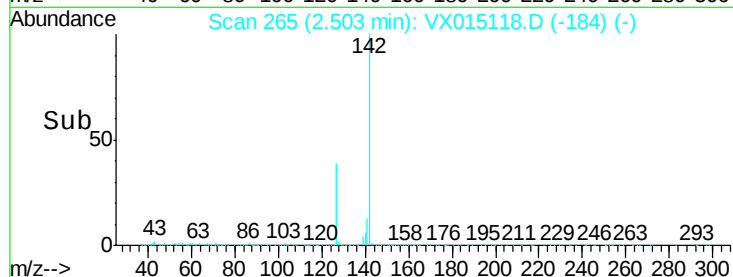
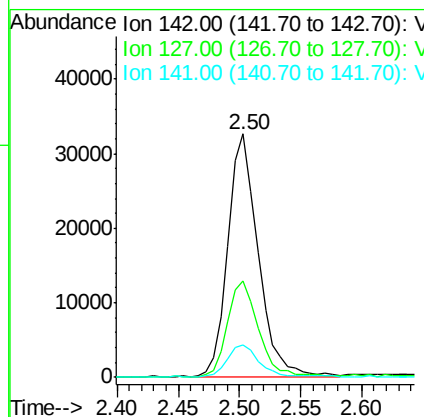
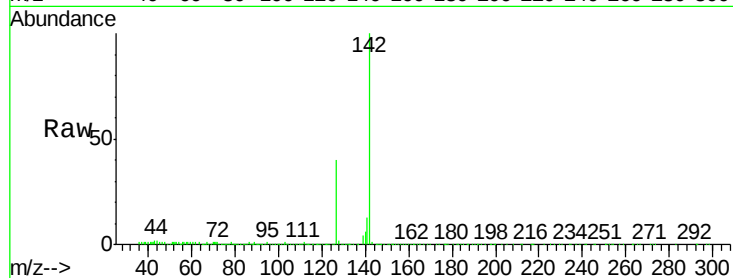
#11
Methvl Iodide
Concen: 14.107 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	142	Resp:	55948
Ion Ratio	Lower	Upper	
142	100		
127	39.5	19.7	59.0
141	13.2	7.4	22.2

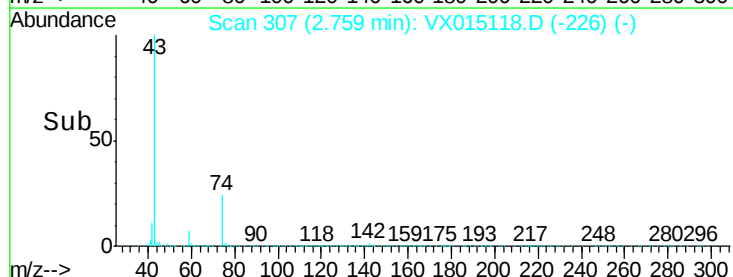
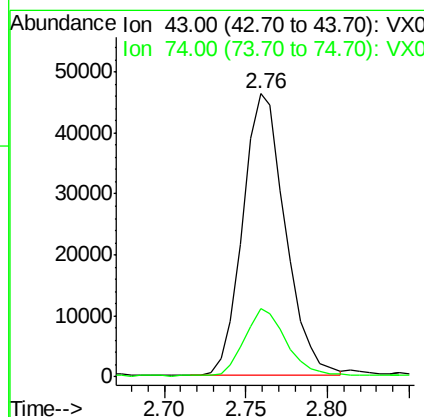
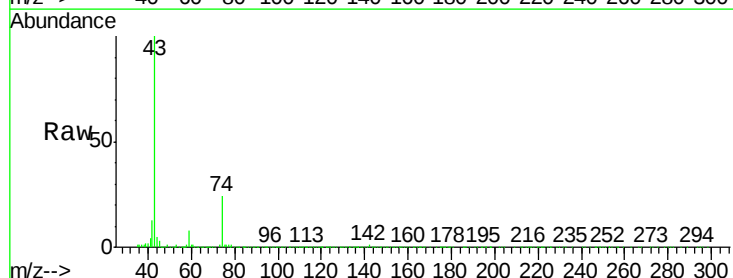
Manual Integrations
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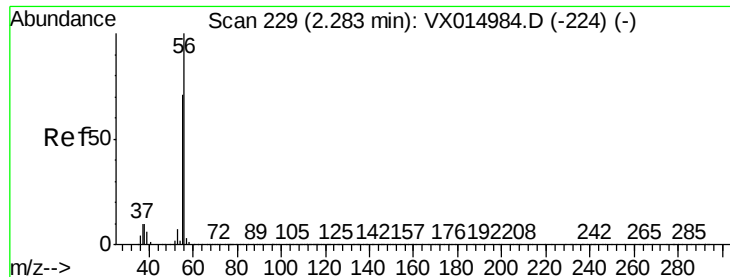
MMDadoda
3/9/2020 9:36:27 AM



#12
Methyl Acetate
Concen: 20.581 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion:	43	Resp:	83597
Ion Ratio	Lower	Upper	
43	100		
74	23.6	19.8	29.8





#13

Acrolein

Concen: 109.963 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 88829

Ion Ratio Lower Upper

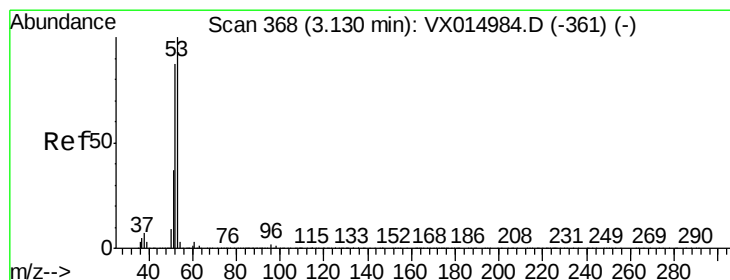
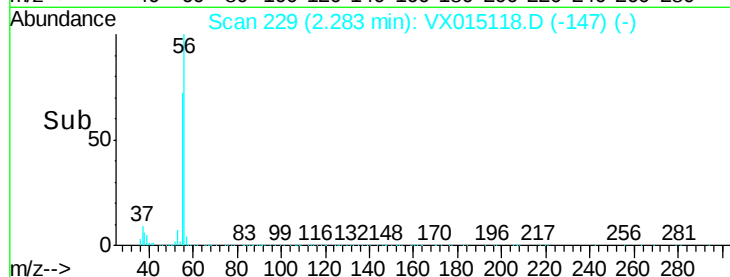
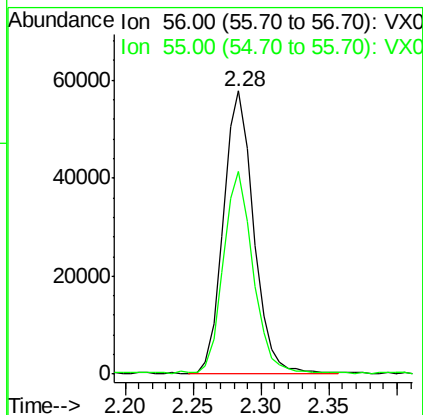
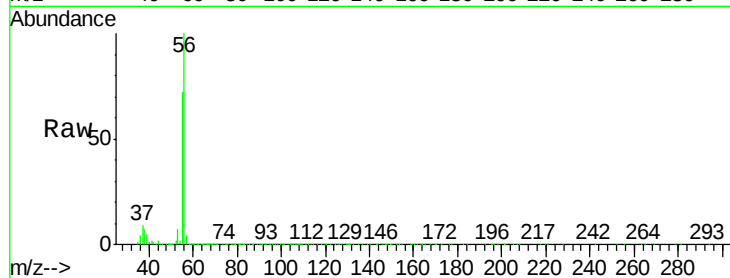
56 100

55 69.4 56.2 84.2

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#14

Acrylonitrile

Concen: 100.534 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

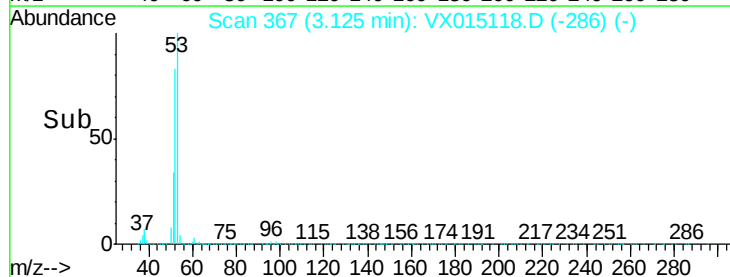
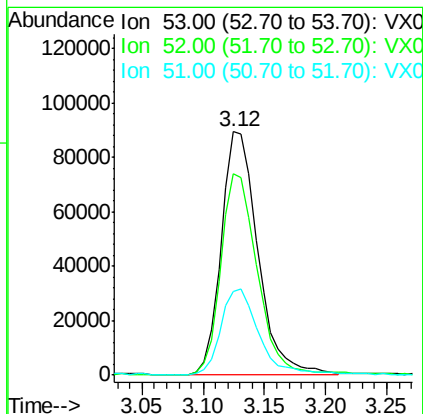
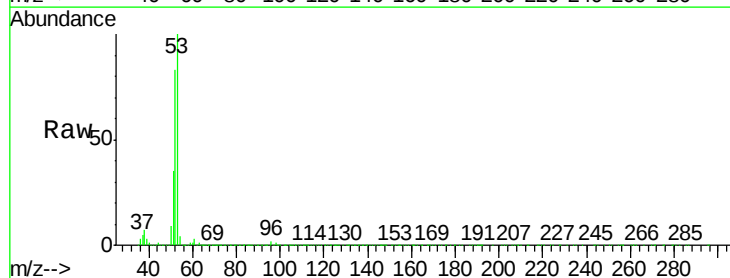
Tgt Ion: 53 Resp: 184414

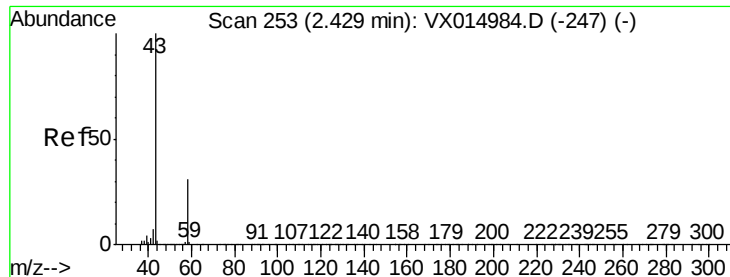
Ion Ratio Lower Upper

53 100

52 82.2 41.5 124.6

51 36.7 18.1 54.4





#15

Acetone

Concen: 99.823 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 65530

Ion Ratio Lower Upper

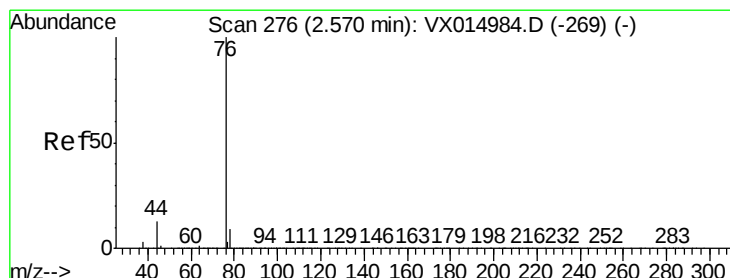
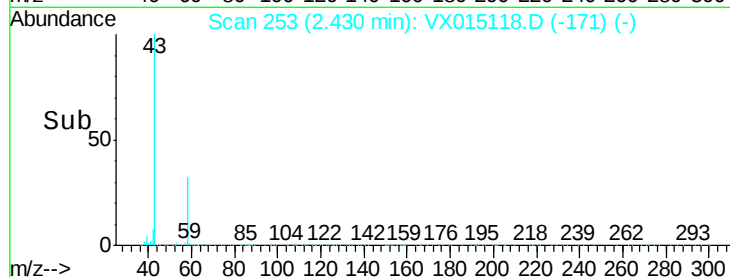
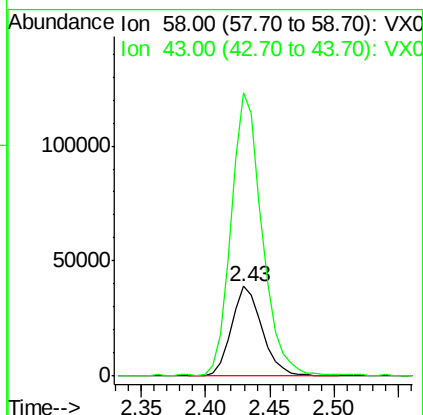
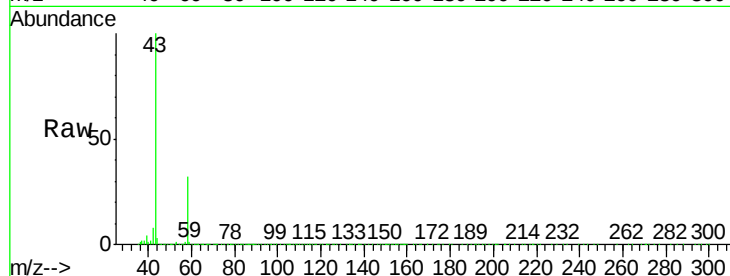
58 100

43 314.7 257.7 386.5

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#16

Carbon Disulfide

Concen: 18.822 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015118.D

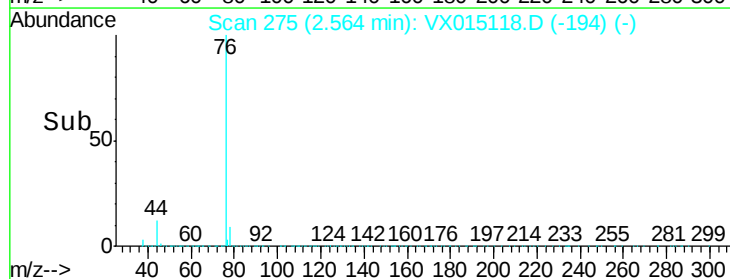
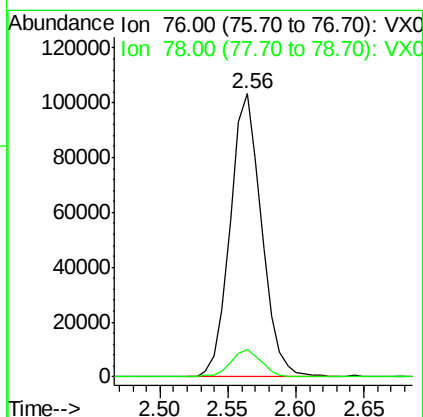
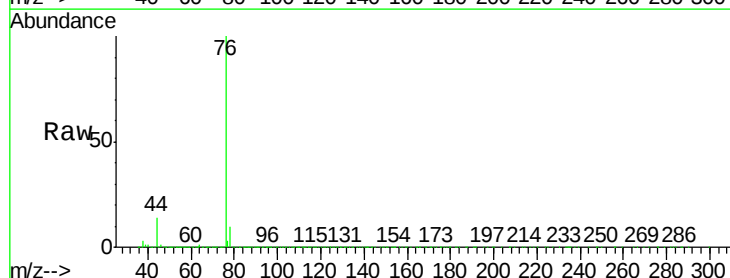
Acq: 06 Mar 2020 11:13

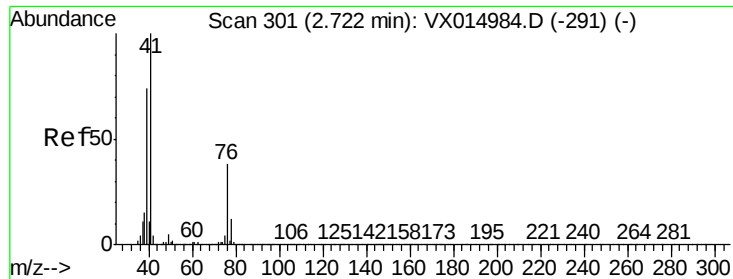
Tgt Ion: 76 Resp: 165184

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7





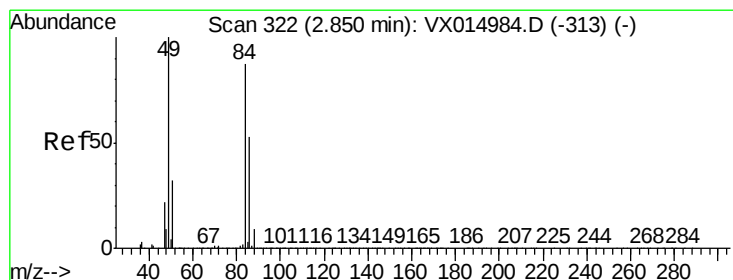
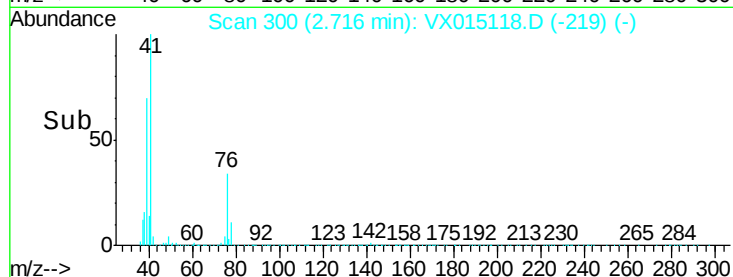
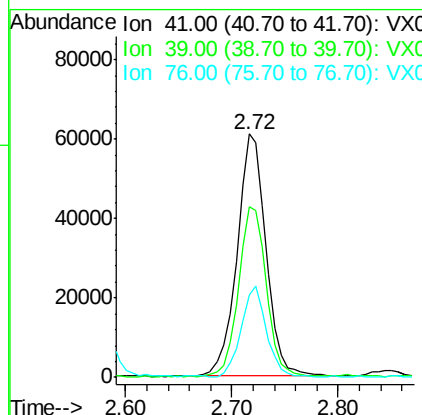
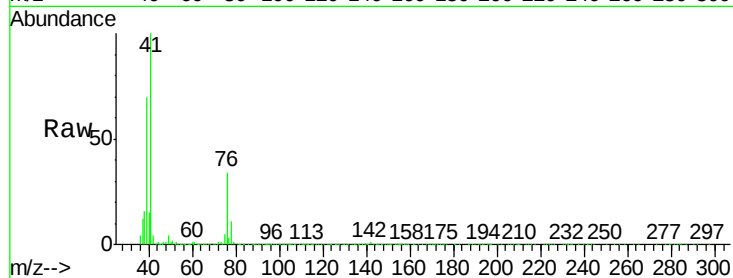
#17
Allvl chloride
Concen: 20.457 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	69.9	37.1	111.5
76	33.8	18.8	56.4

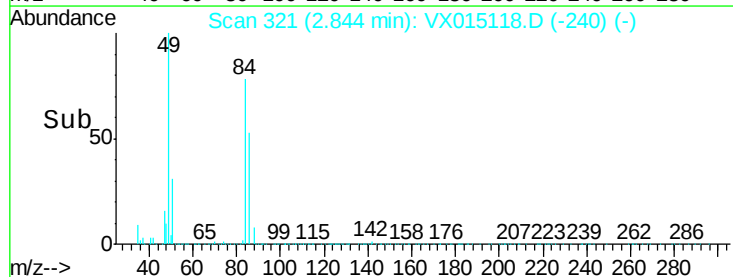
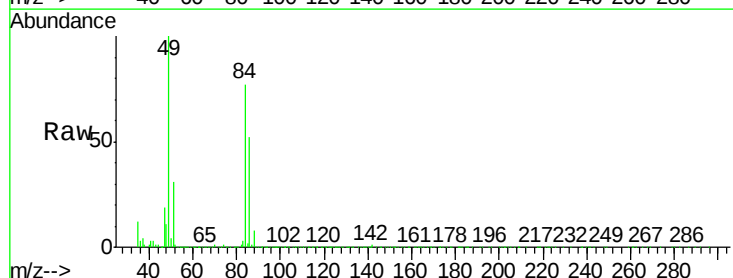
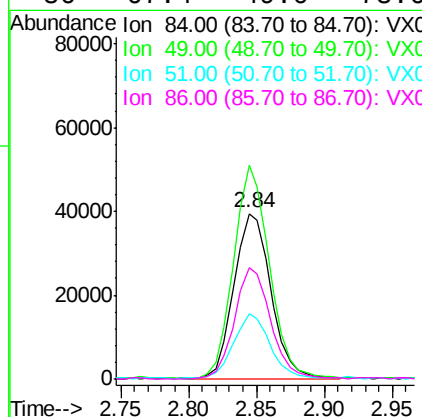
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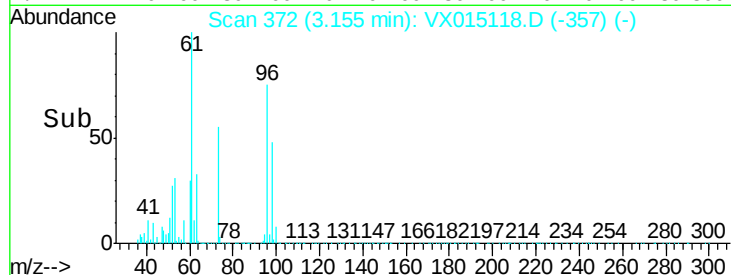
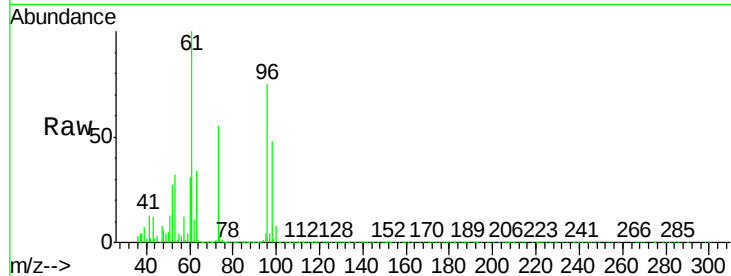
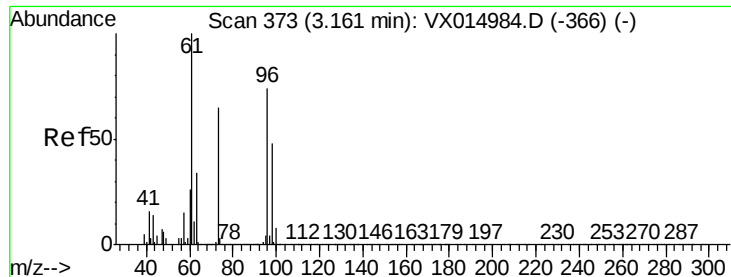
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3/9/2020 9:36:27 AM



#18
Methylene Chloride
Concen: 19.917 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Resp Lower	Upper
84	100		
49	129.2	92.2	138.2
51	39.3	29.7	44.5
86	67.4	49.0	73.6





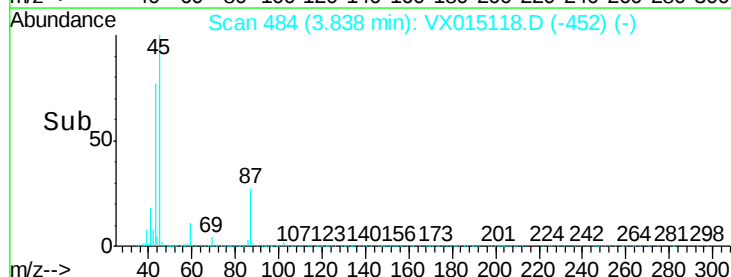
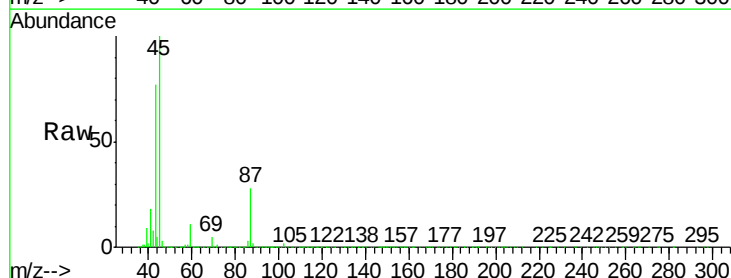
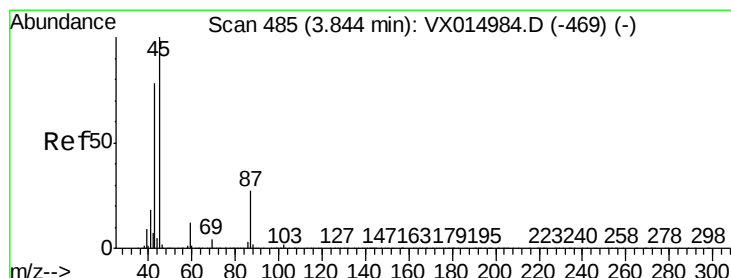
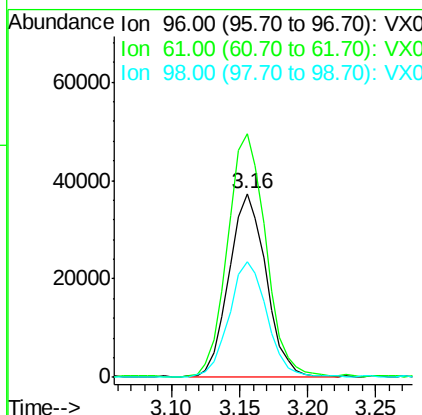
#19
trans-1,2-Dichloroethene
Concen: 19.823 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	107.1	160.7
98	63.2	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

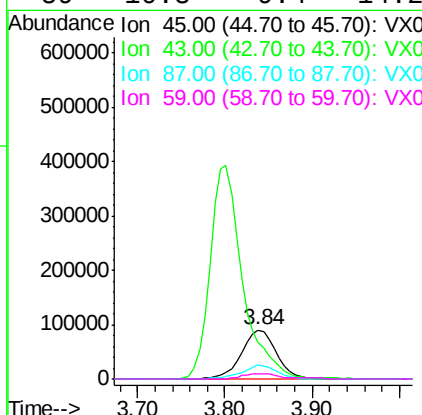
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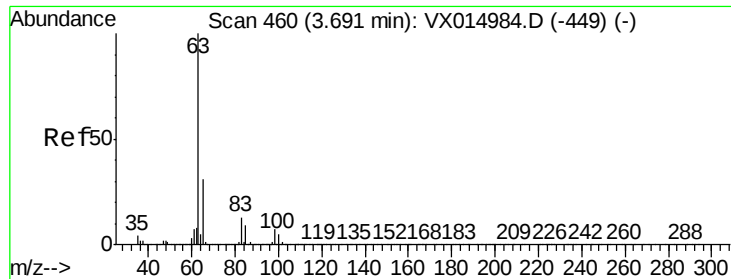
MMDadoda
3/9/2020 9:36:27 AM



#20
Diisopropyl ether
Concen: 21.333 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.4	62.3	93.5
87	27.5	21.8	32.6
59	10.8	9.4	14.2





#21

1,1-Dichloroethane

Concen: 20.526 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

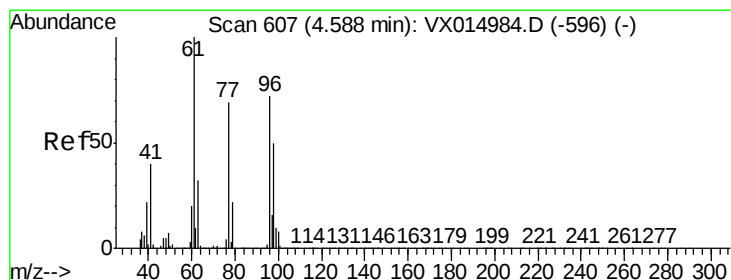
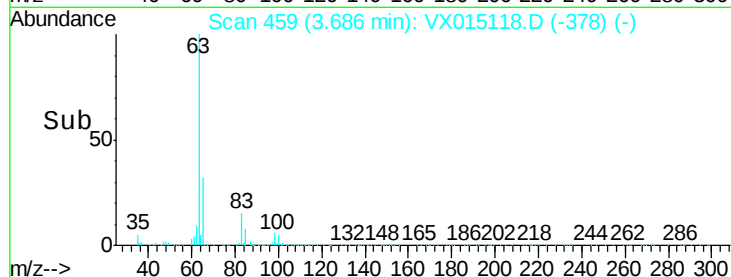
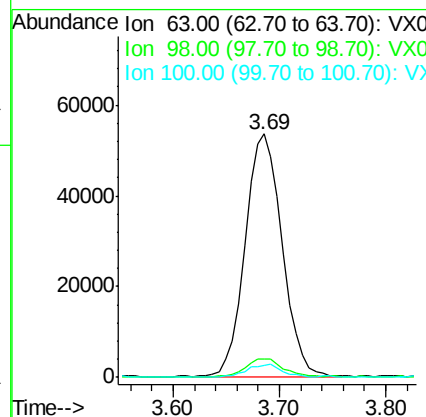
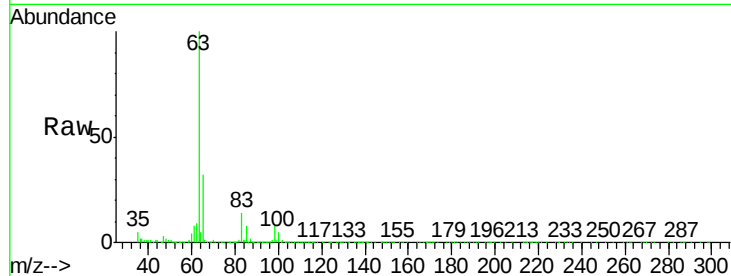
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	130475
Ion Ratio		Lower	Upper
63	100		
98	7.7	3.5	10.5
100	4.7	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 19.820 ug/l

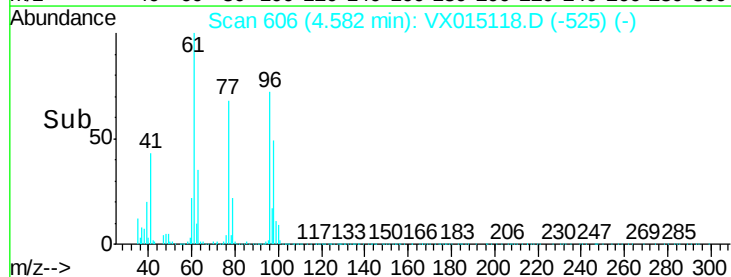
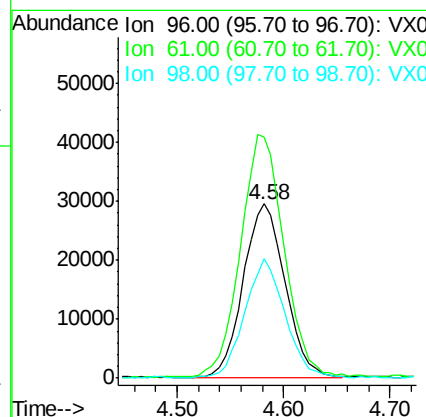
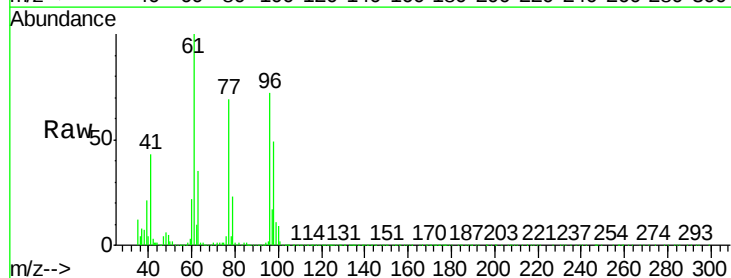
RT: 4.58 min Scan# 606

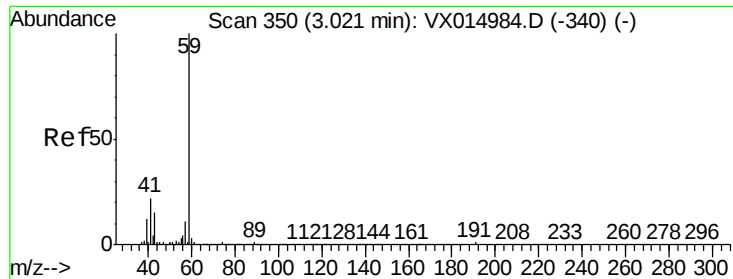
Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	96	Resp:	81316
Ion Ratio		Lower	Upper
96	100		
61	145.3	110.6	165.8
98	65.8	50.4	75.6





#23

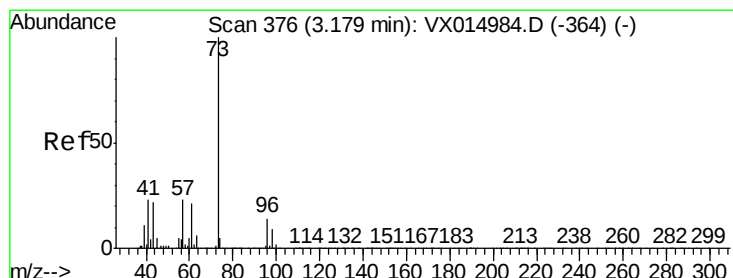
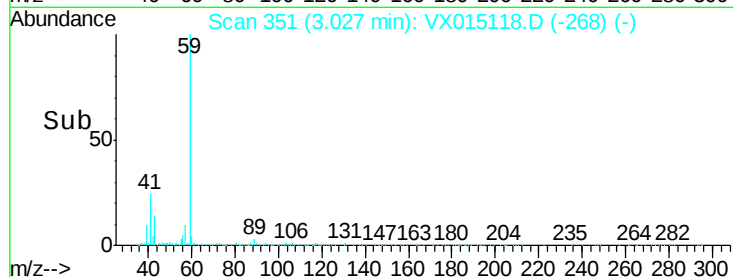
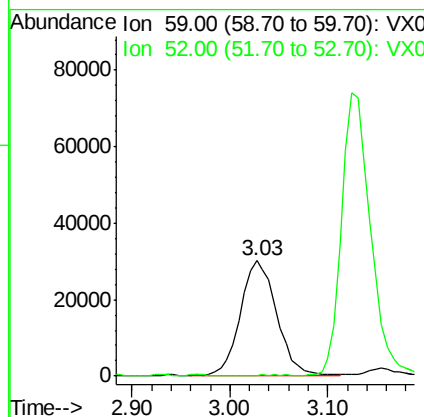
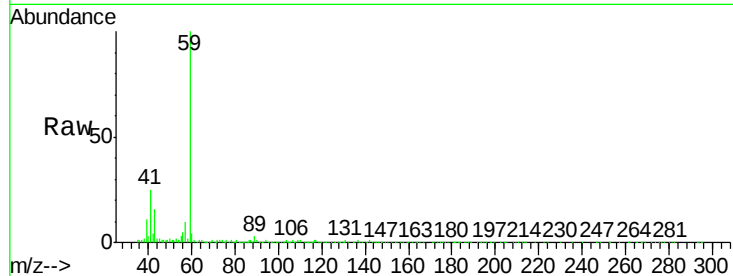
tert-Butyl Alcohol
Concen: 107.196 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 59 Resp: 77946
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

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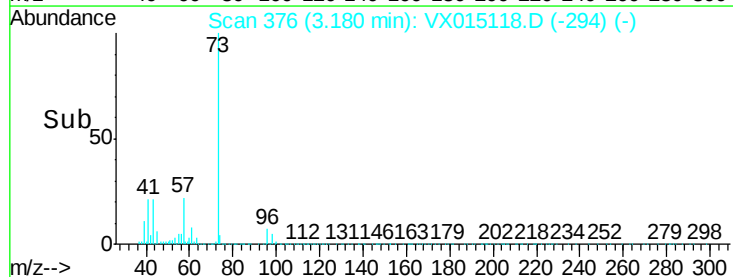
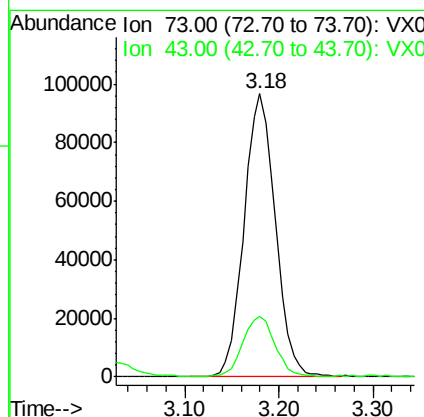
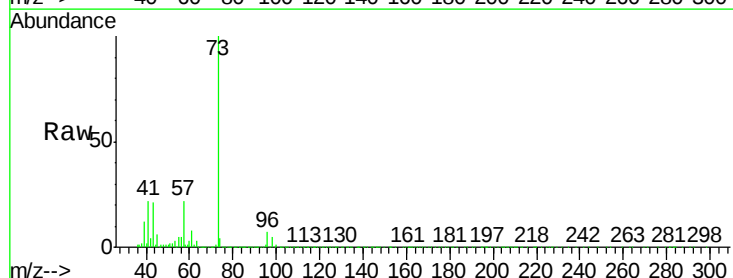
MMDadoda
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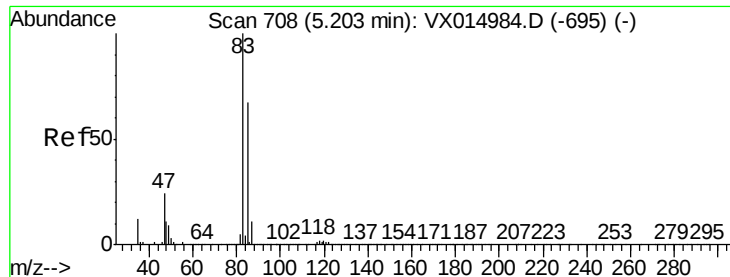


#24

Methyl tert-Butyl Ether
Concen: 20.454 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion: 73 Resp: 222127
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5





#25

Chloroform

Concen: 20.889 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

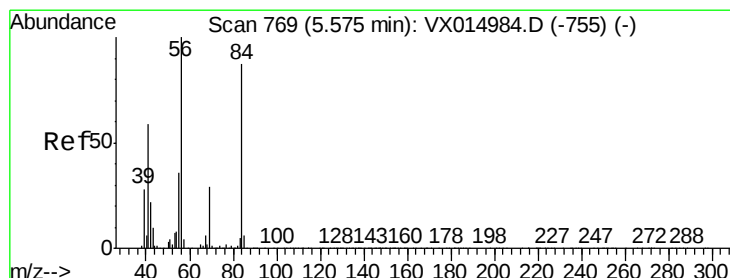
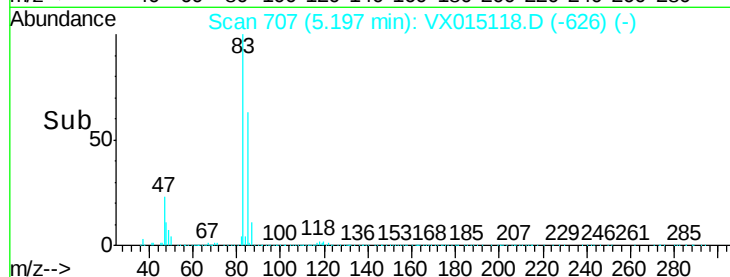
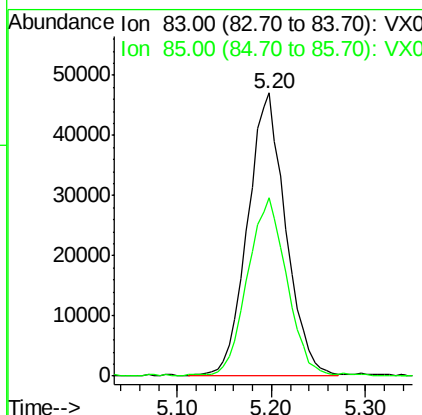
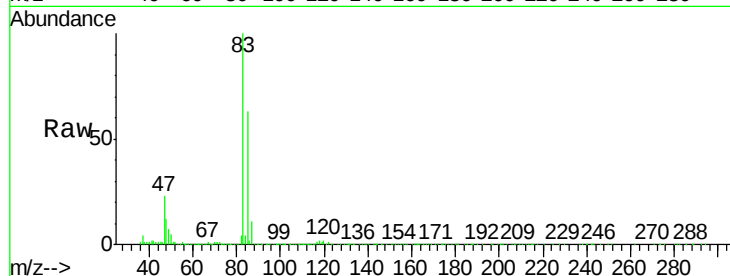
ClientSampleId :

VSTDCCC020

Tot Ion	83	Resp	133904
Ion Ratio	Lower	Upper	
83	100		
85	62.3	53.4	80.0

Manual Integrations
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#26

Cyclohexane

Concen: 20.331 ug/l

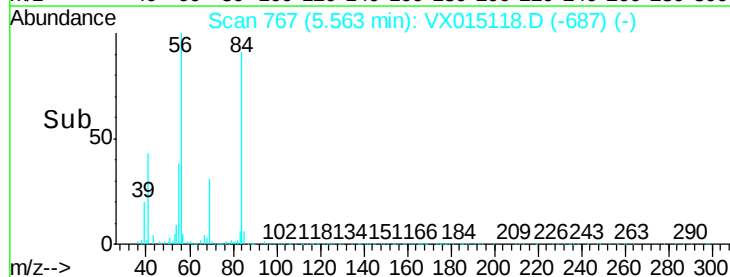
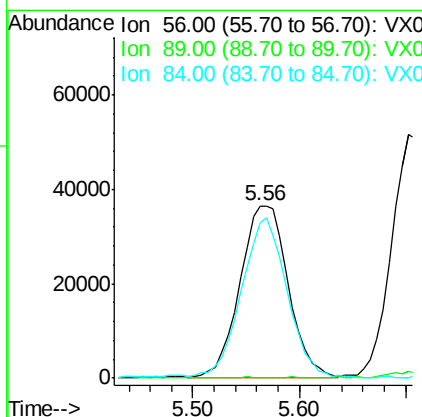
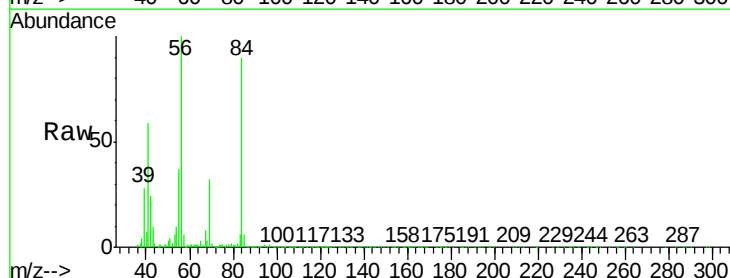
RT: 5.56 min Scan# 767

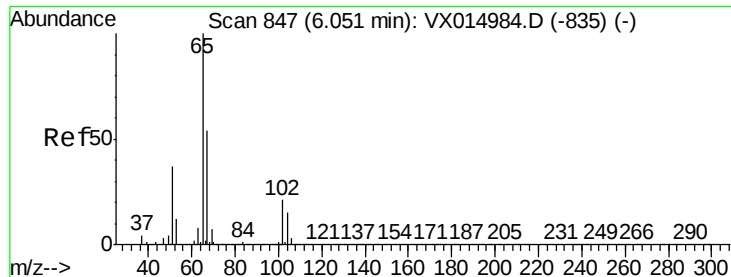
Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion	56	Resp	115506
Ion Ratio	Lower	Upper	
56	100		
89	0.1	0.2	0.2#
84	87.4	71.8	107.8





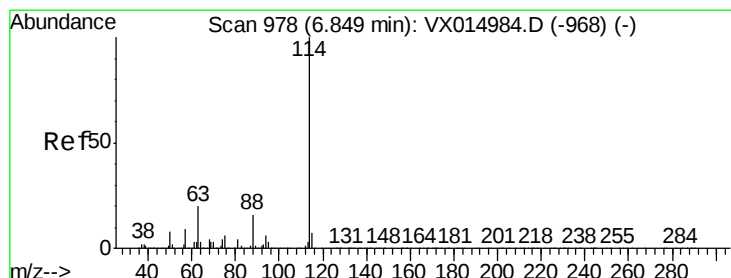
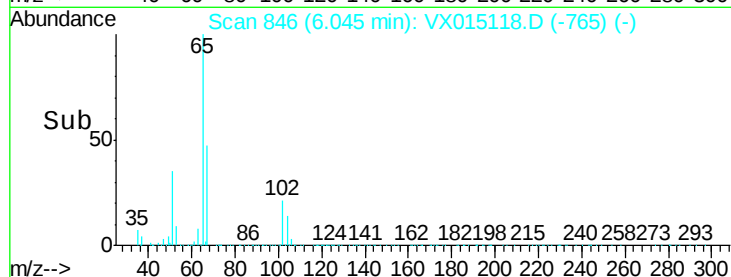
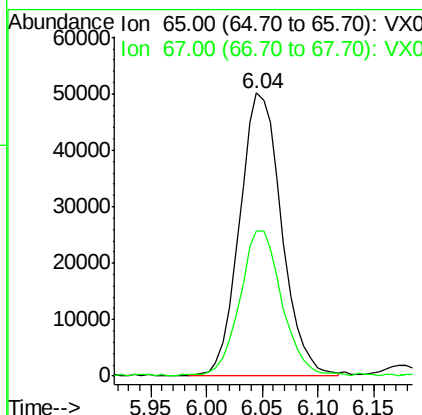
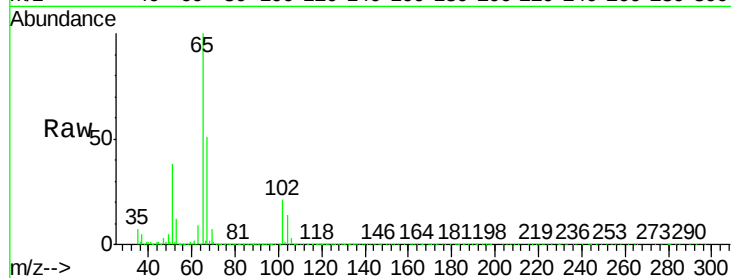
#27
 1,2-Dichloroethane-d4
 Concen: 30.264 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	41.9	62.9

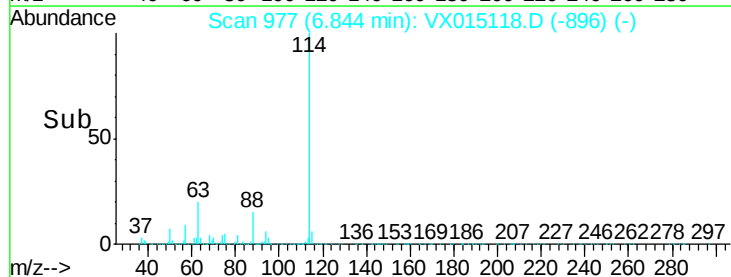
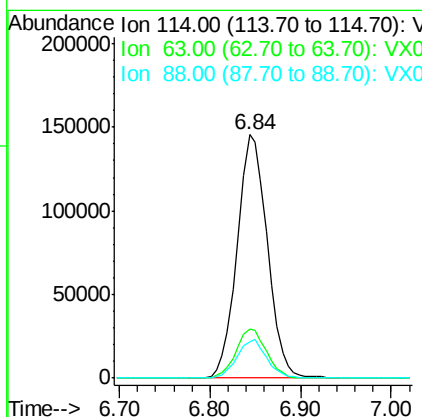
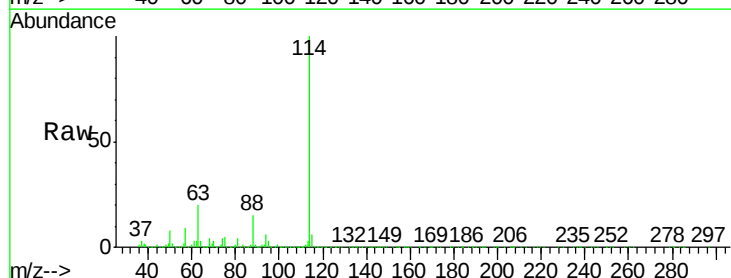
Manual Integrations
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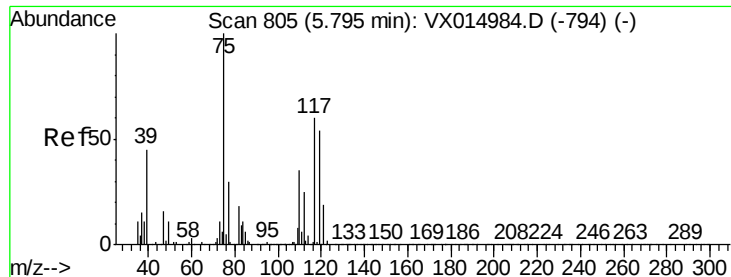
MMDadoda
 3/9/2020 9:36:27 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	15.6	23.4
88	15.3	12.2	18.2





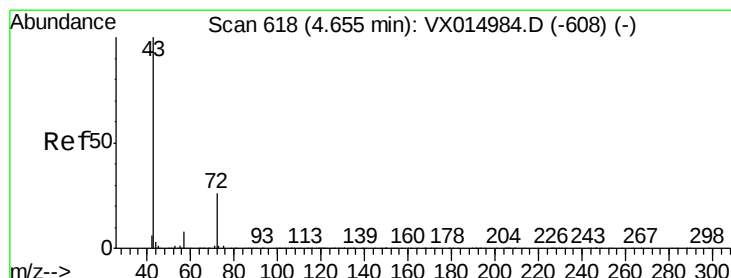
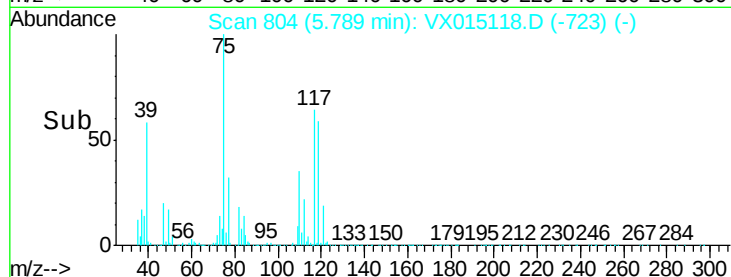
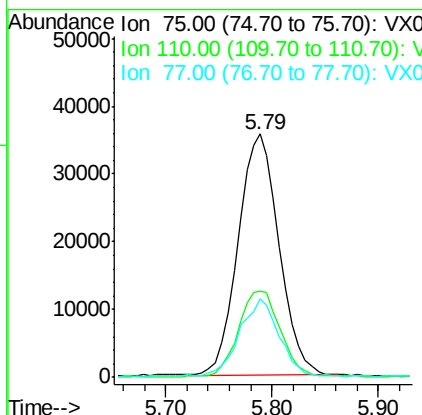
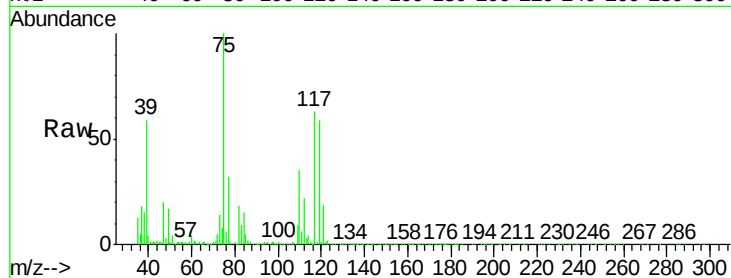
#29
 1,1-Dichloropropene
 Concen: 20.162 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	95847
Ion Ratio	Lower	Upper	
75	100		
110	36.8	0.0	75.0
77	31.0	0.0	64.0

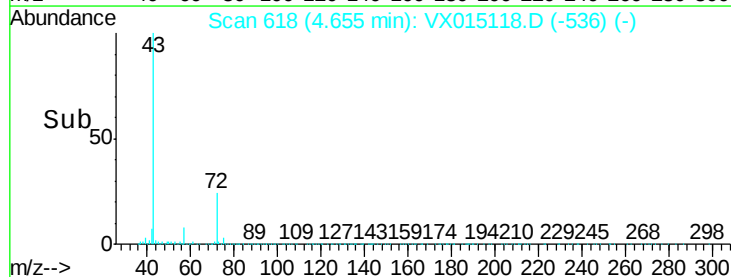
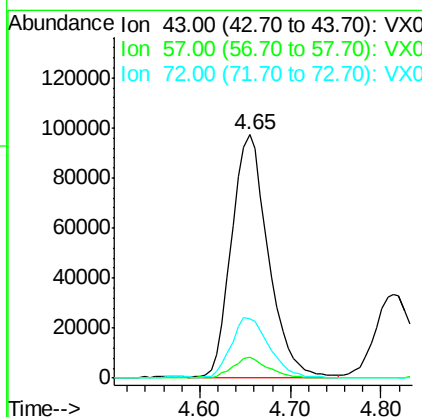
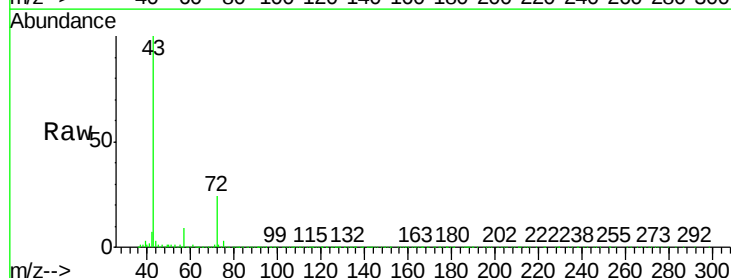
Manual Integrations
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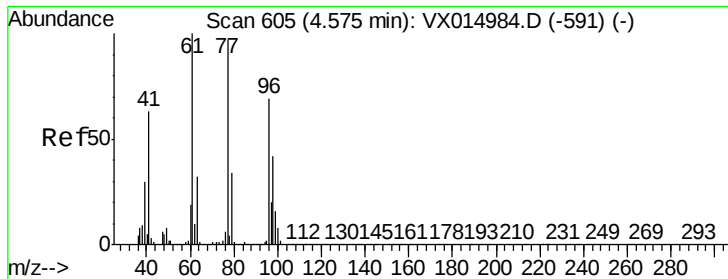
MMDadoda
 3/9/2020 9:36:27 AM



#30
 2-Butanone
 Concen: 98.570 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Tgt Ion:	43	Resp:	270465
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.5	9.7
72	25.3	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.769 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 108413

Ion Ratio Lower Upper

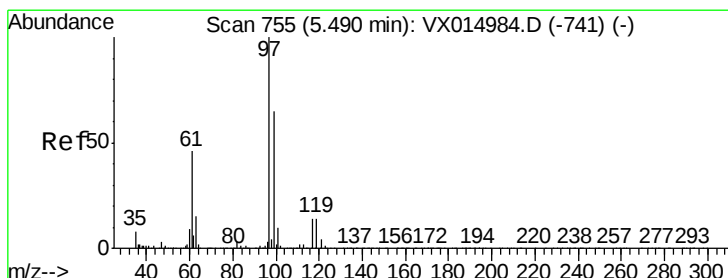
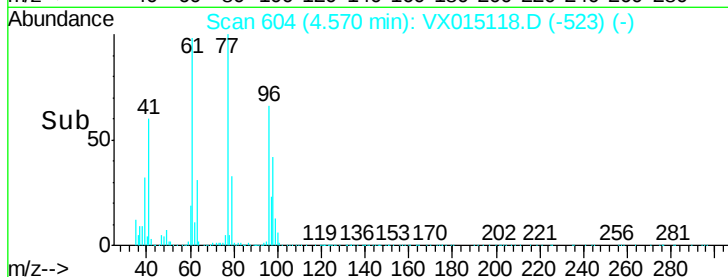
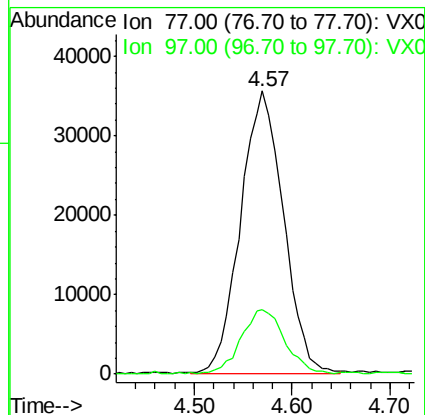
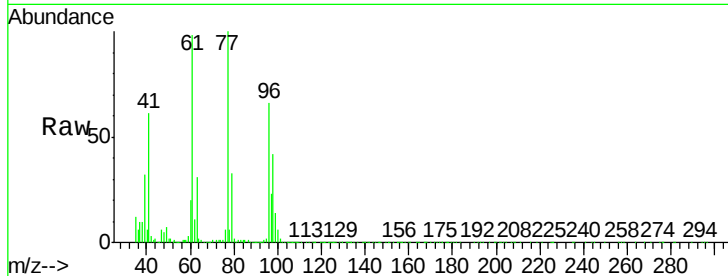
77 100

97 22.7 18.4 27.6

Manual Integrations
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MMDadoda

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#32

1,1,1-Trichloroethane

Concen: 20.766 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

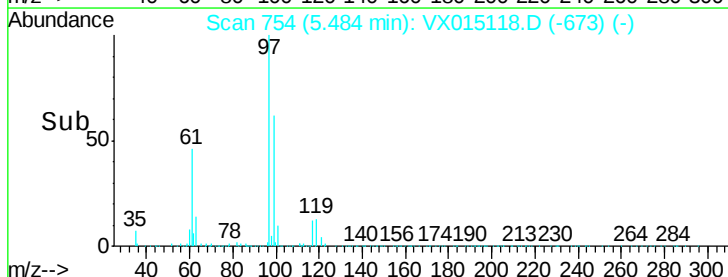
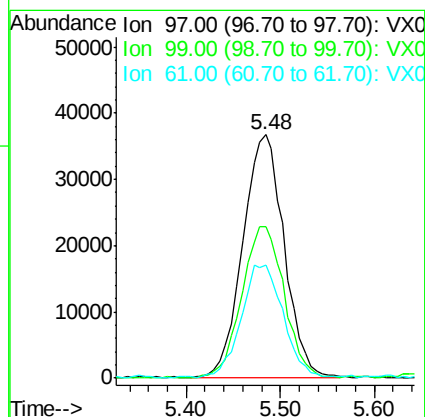
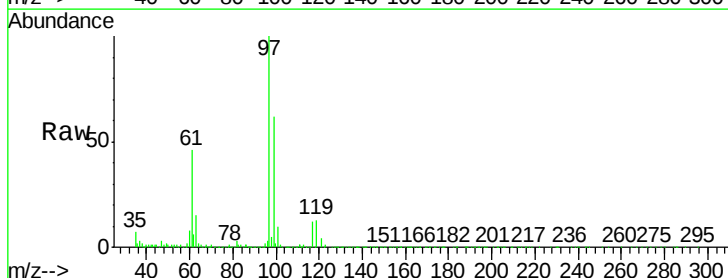
Tgt Ion: 97 Resp: 112103

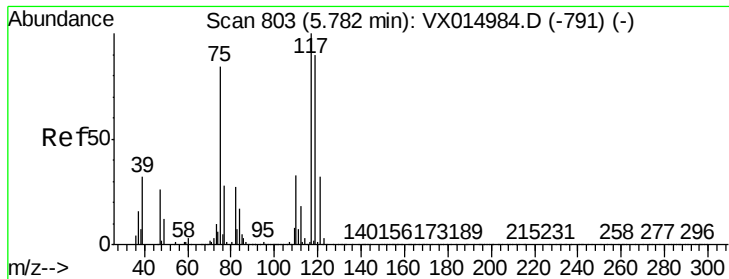
Ion Ratio Lower Upper

97 100

99 64.0 53.0 79.6

61 46.5 36.2 54.2





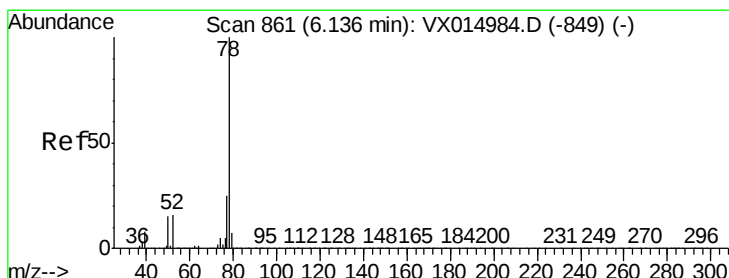
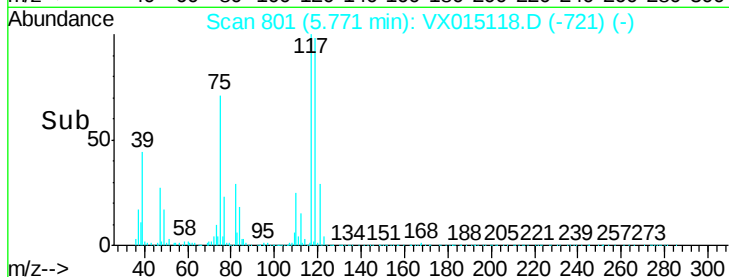
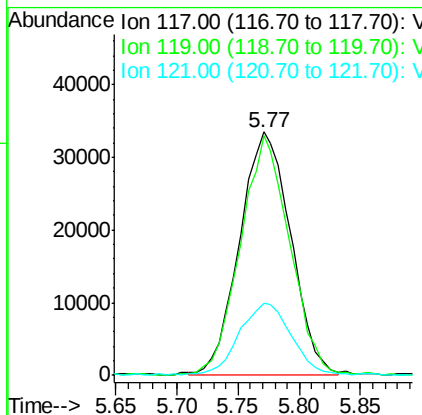
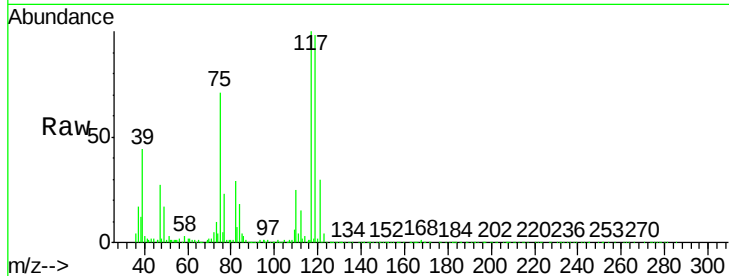
#33
Carbon Tetrachloride
Concen: 20.612 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.7	71.9	107.9
121	29.5	25.4	38.2

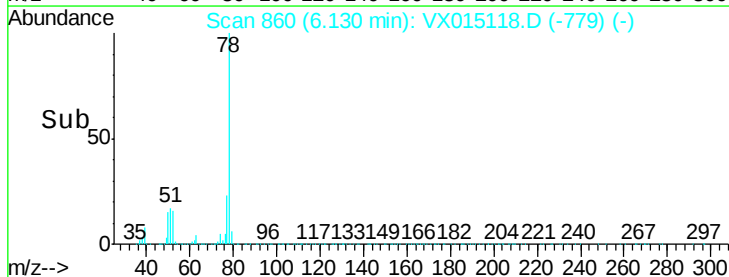
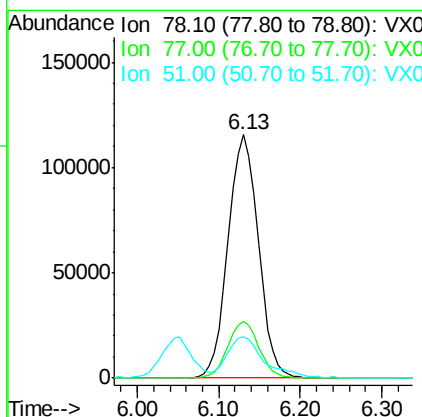
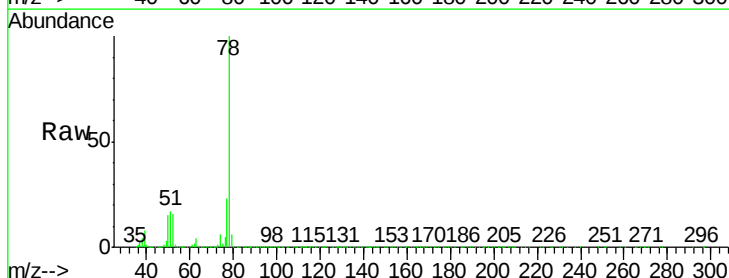
Manual Integrations
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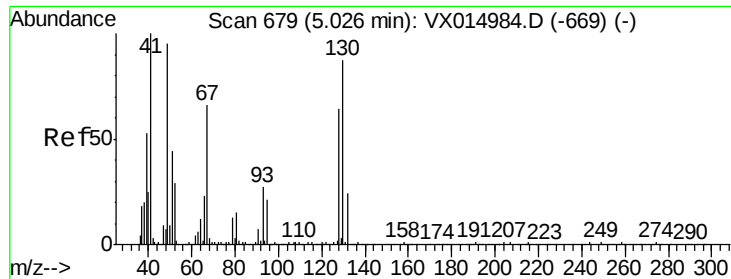
MMDadoda
3/9/2020 9:36:27 AM



#34
Benzene
Concen: 20.643 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.0	30.0
51	16.8	13.3	19.9





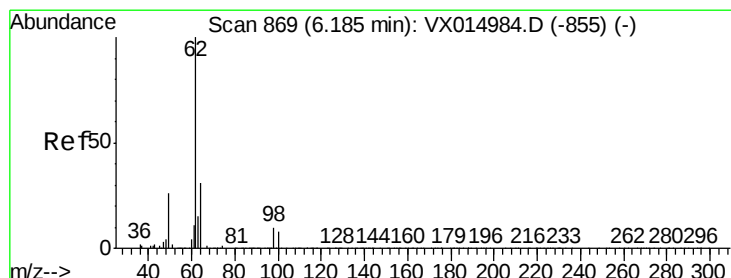
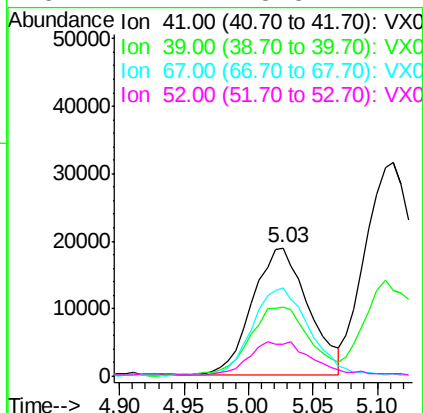
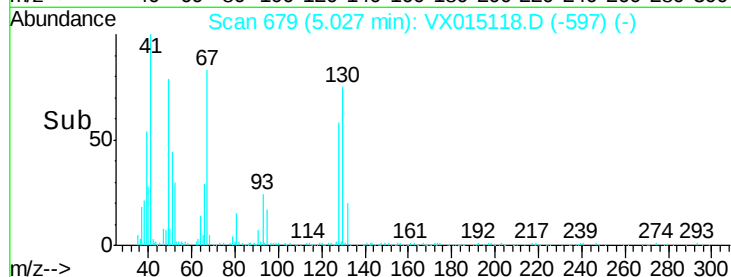
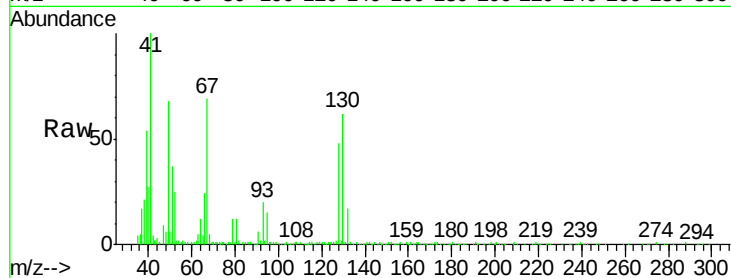
#35
Methacrylonitrile
Concen: 20.247 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	25.9	77.7
67	67.2	32.7	98.1
52	24.2	13.8	41.4

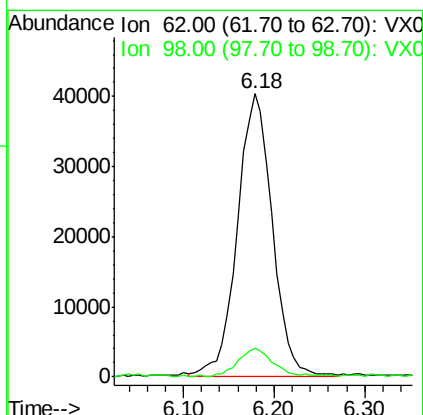
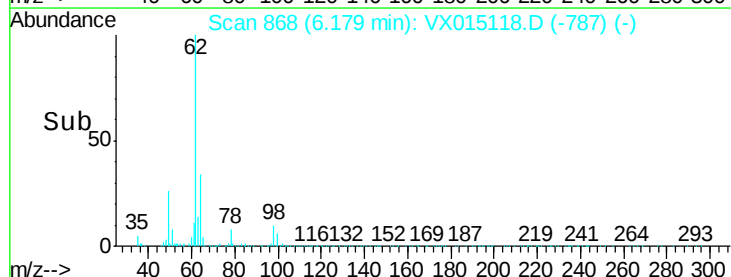
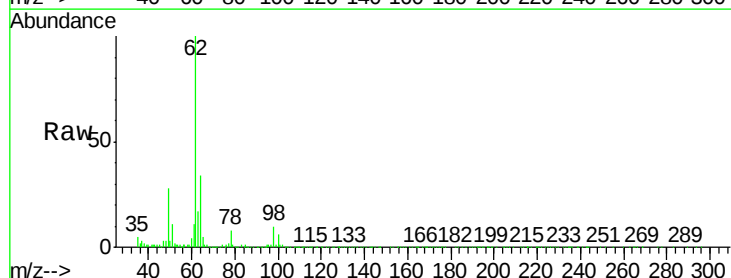
Manual Integrations
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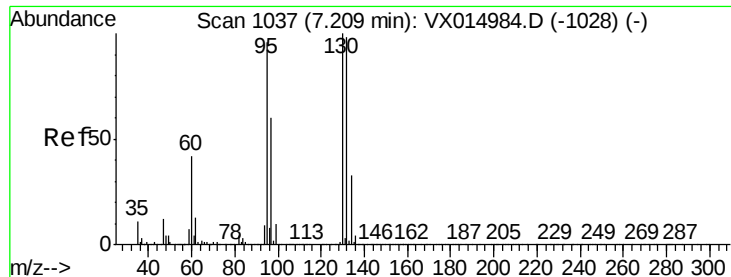
MMDadoda
3/9/2020 9:36:27 AM



#36
1,2-Dichloroethane
Concen: 21.205 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.5	11.3





#37

Trichloroethene

Concen: 19.867 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 80014

Ion Ratio Lower Upper

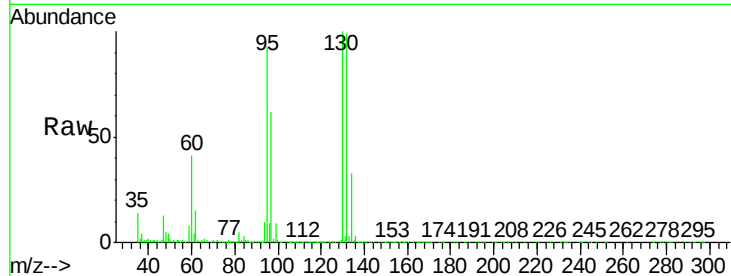
130 100

95 93.3 77.1 115.7

Manual Integrations
APPROVED

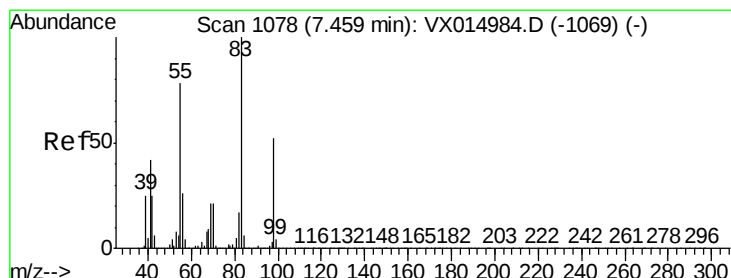
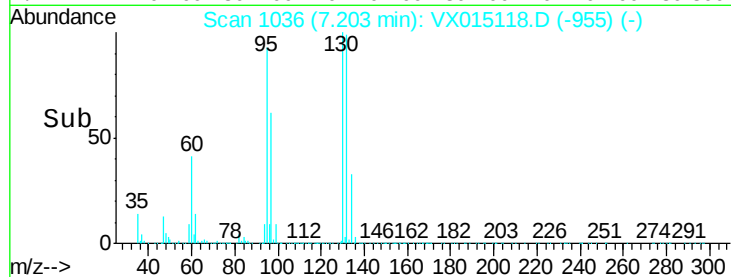
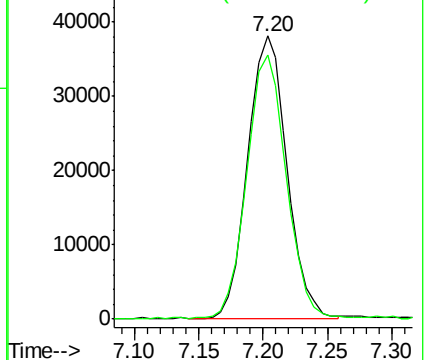
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.044 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

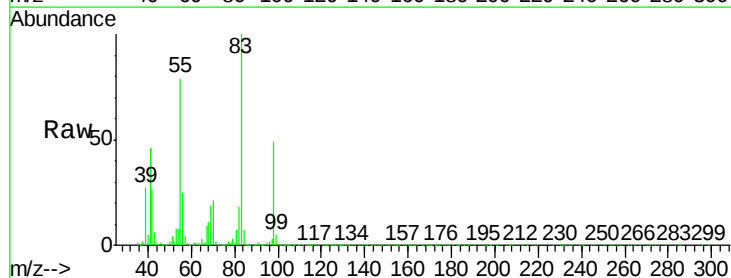
Tgt Ion: 83 Resp: 118109

Ion Ratio Lower Upper

83 100

55 76.6 38.2 114.6

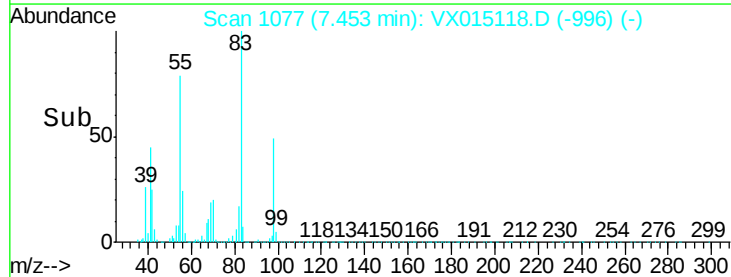
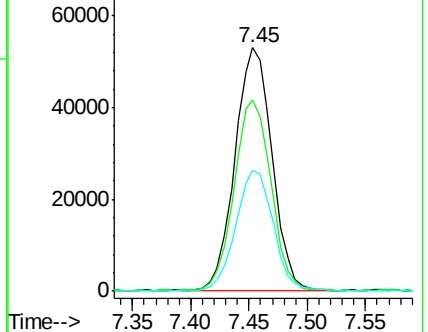
98 49.9 25.3 75.8

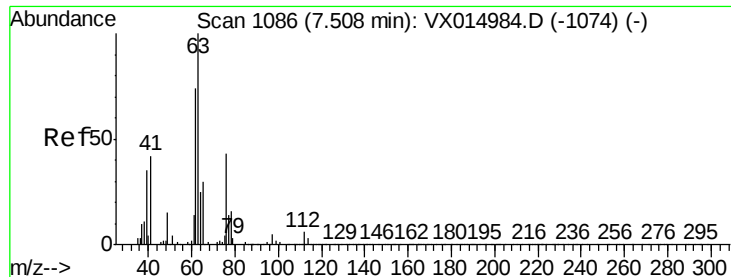


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





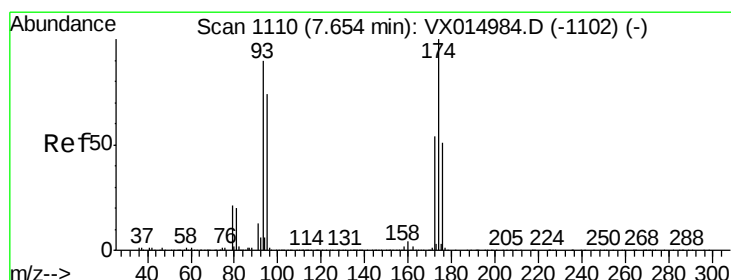
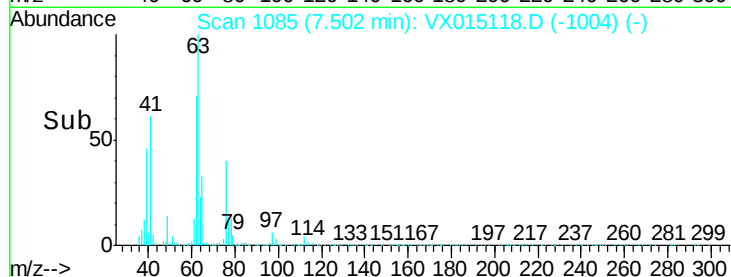
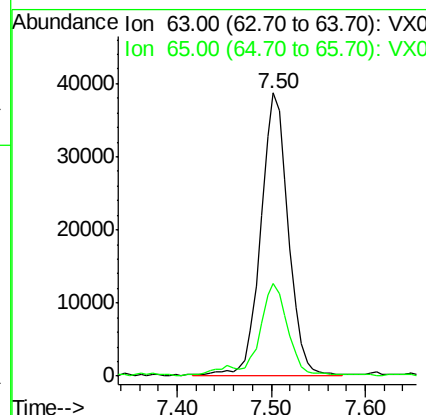
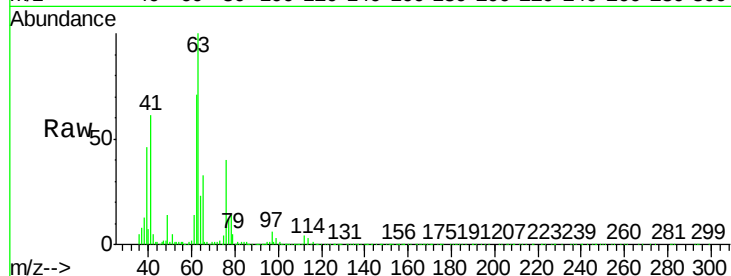
#39
 1,2-Dichloropropane
 Concen: 21.459 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.6	36.8

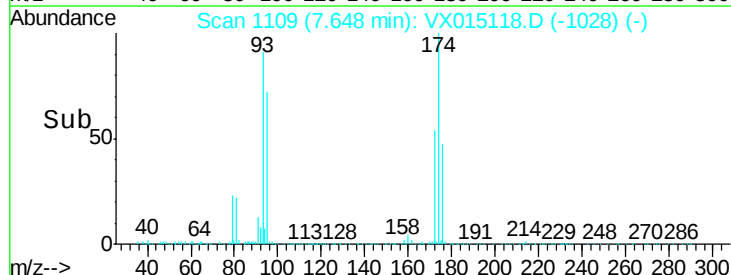
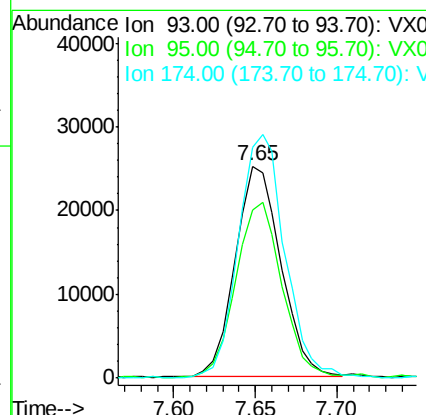
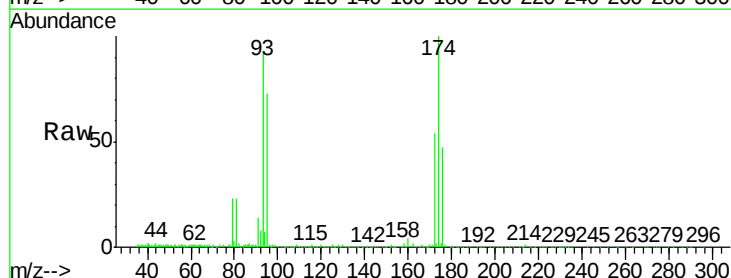
Manual Integrations
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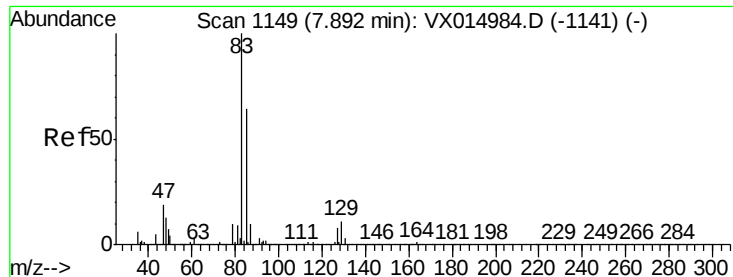
MMDadoda
 3/9/2020 9:36:27 AM



#40
 Dibromomethane
 Concen: 19.881 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	0.0	164.6
174	118.5	0.0	226.4





#41

Bromodichloromethane

Concen: 20.668 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

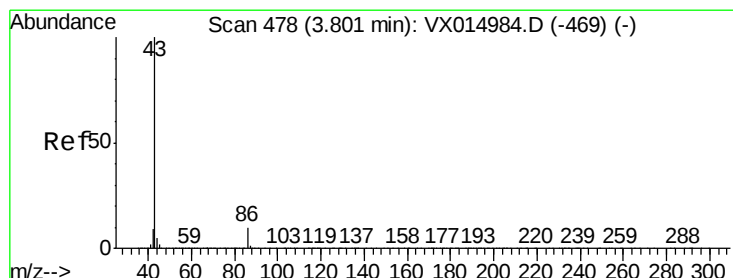
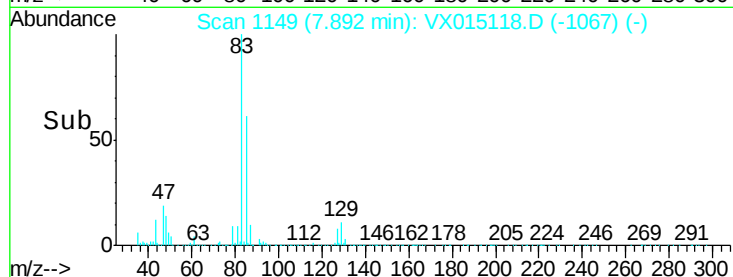
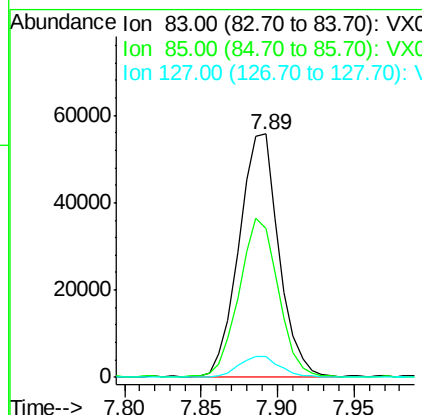
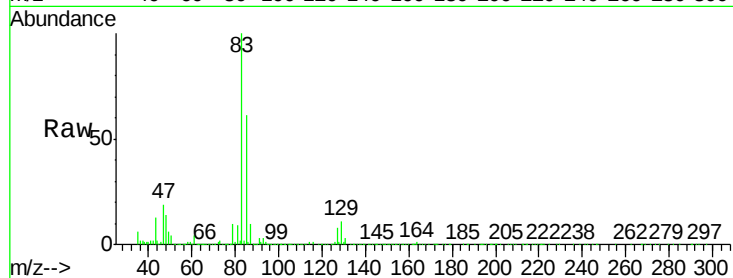
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	100657
Ion Ratio	Lower	Upper	
83	100		
85	61.2	51.0	76.4
127	8.1	6.6	10.0

Manual Integrations
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3/9/2020 9:36:27 AM



#42

Vinyl Acetate

Concen: 104.945 ug/l

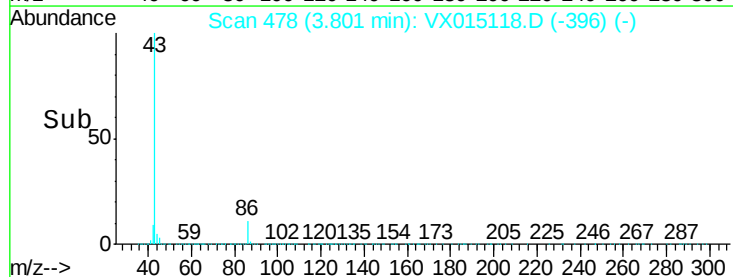
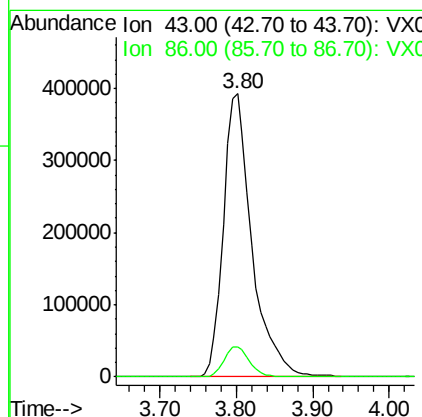
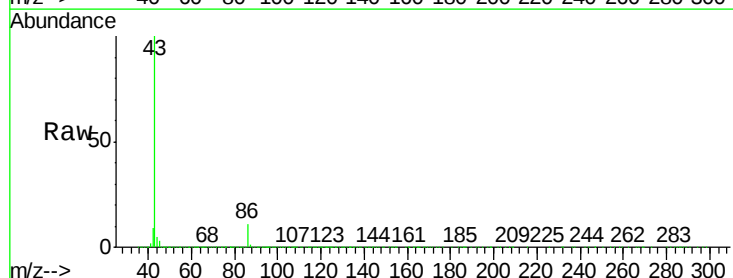
RT: 3.80 min Scan# 478

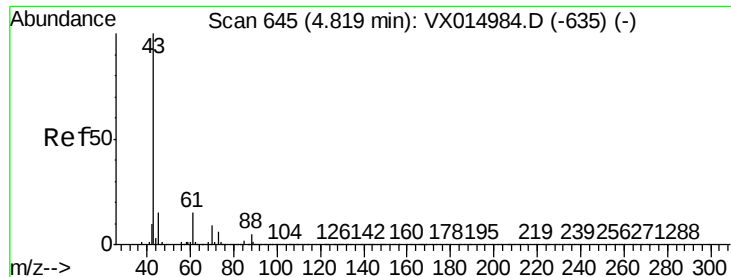
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	43	Resp:	1013549
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.6	11.4





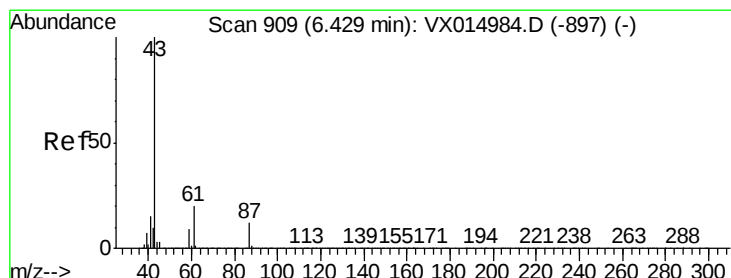
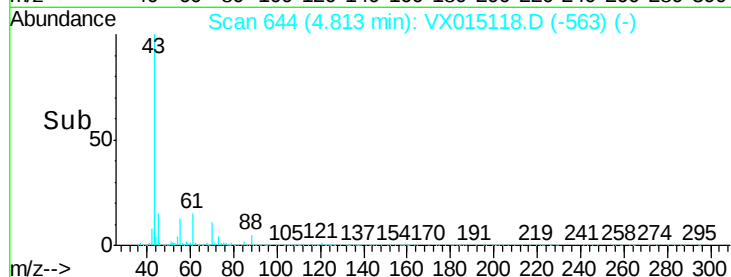
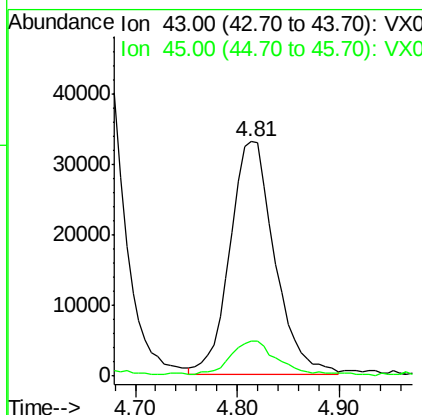
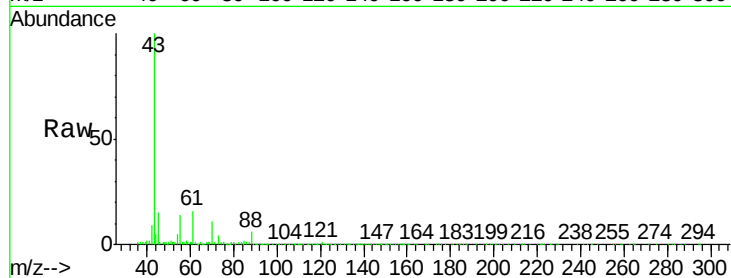
#43
Ethyl Acetate
Concen: 20.288 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.1	10.8	16.2

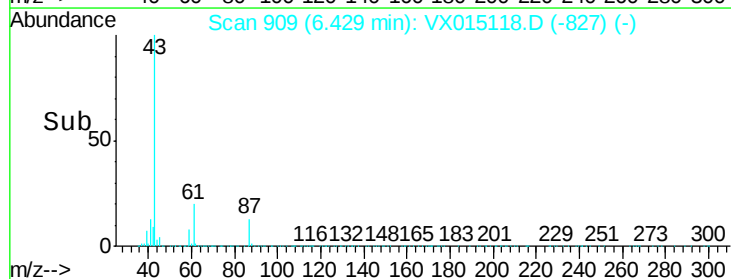
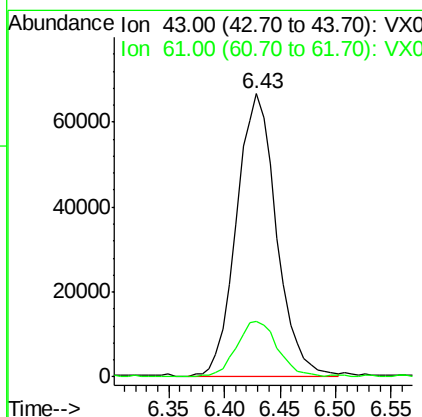
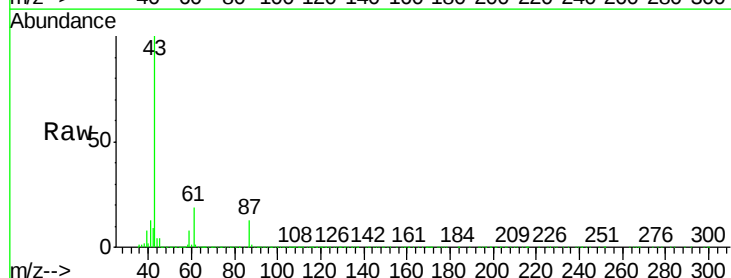
Manual Integrations
APPROVED

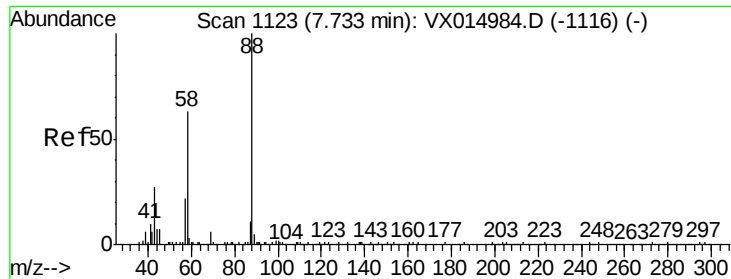
MMDadoda
3/9/2020 9:36:27 AM



#44
Isopropyl Acetate
Concen: 19.763 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.6	23.4





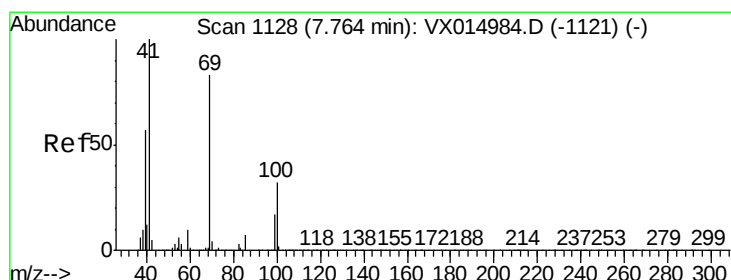
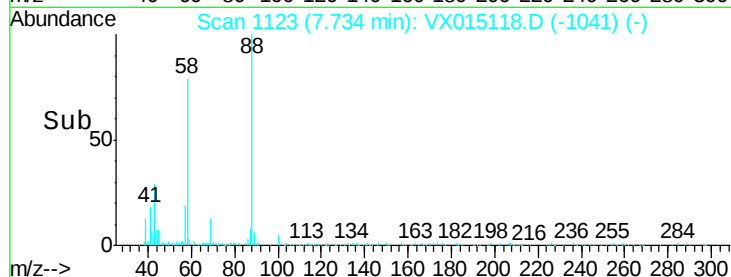
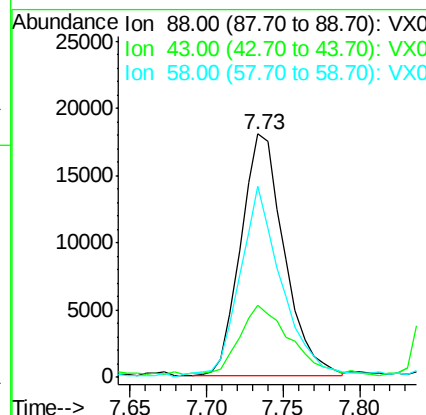
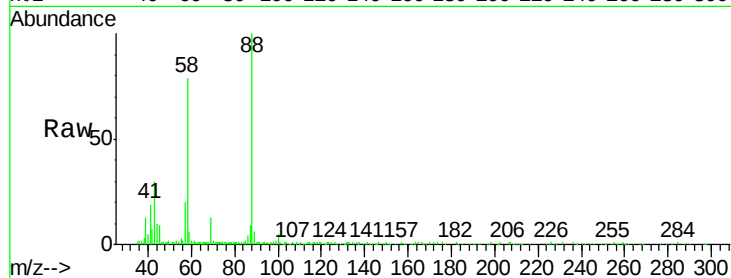
#45
1,4-Dioxane
Concen: 461.015 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	88	Resp:	35553
Ion Ratio	Lower	Upper	
88	100		
43	34.4	25.4	38.2
58	76.5	55.8	83.8

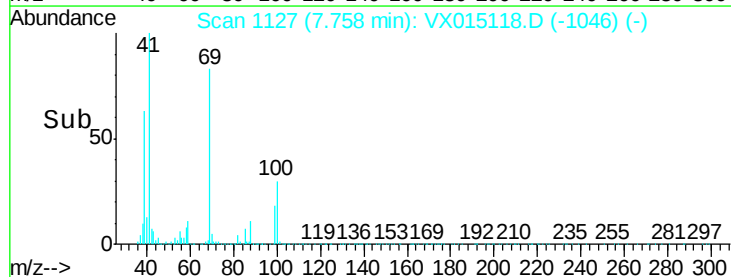
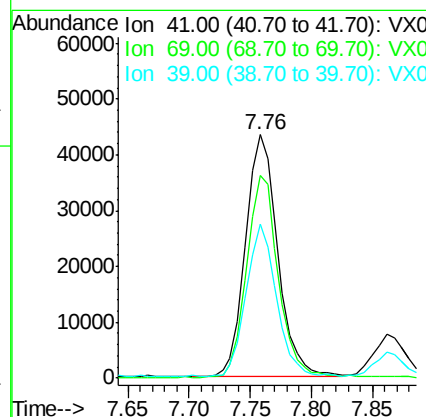
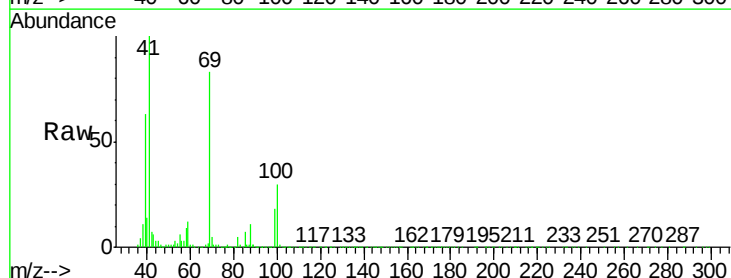
Manual Integrations
APPROVED

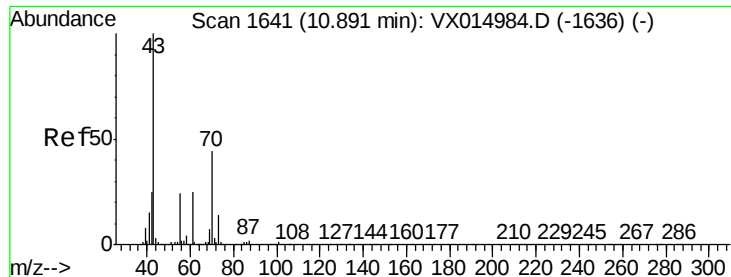
MMDadoda
3/9/2020 9:36:27 AM



#46
Methyl methacrylate
Concen: 19.278 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion:	41	Resp:	79596
Ion Ratio	Lower	Upper	
41	100		
69	83.0	41.4	124.2
39	62.7	28.3	84.9





#47

n-amvl Acetate

Concen: 19.353 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 139929

Ion Ratio Lower Upper

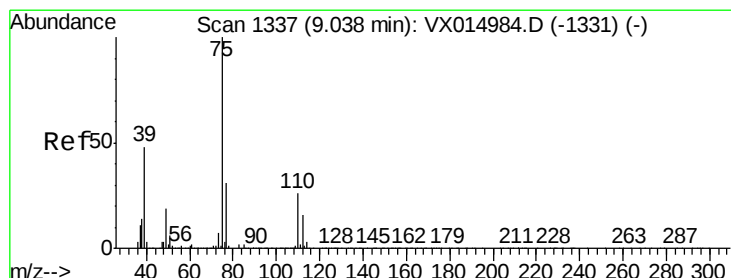
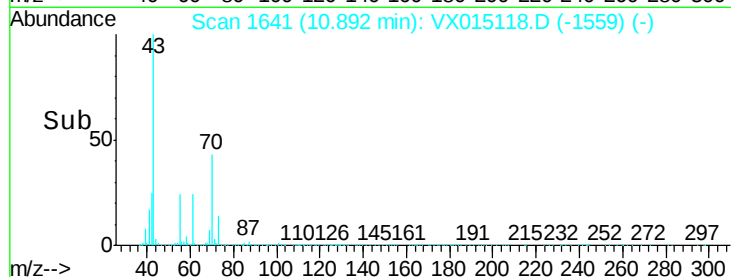
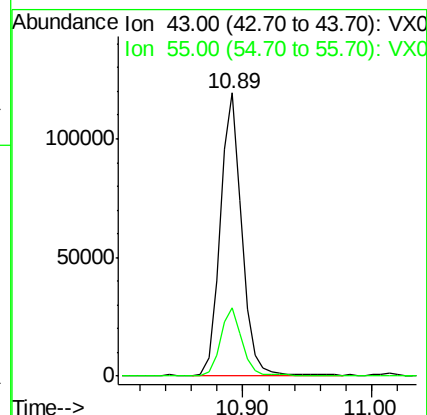
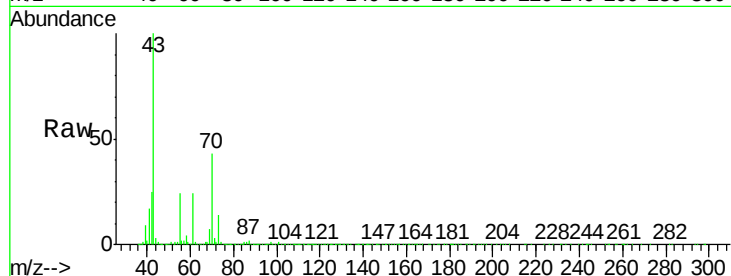
43 100

55 23.5 19.2 28.8

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 19.688 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015118.D

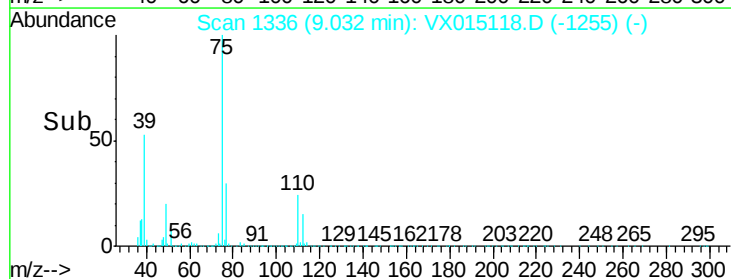
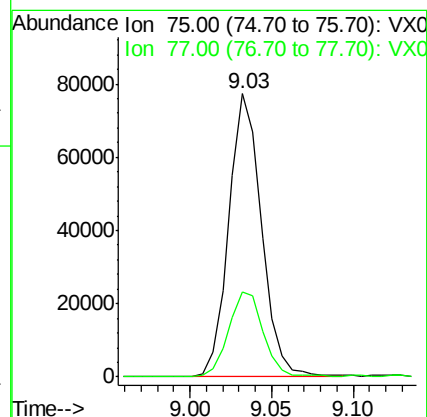
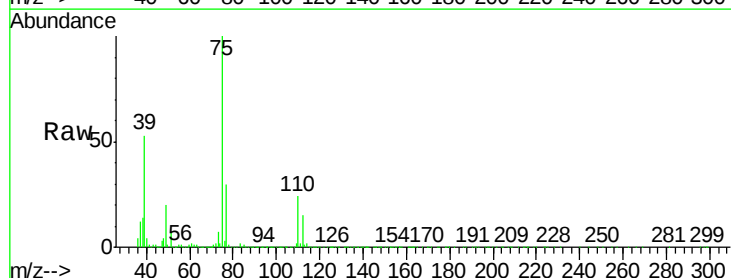
Acq: 06 Mar 2020 11:13

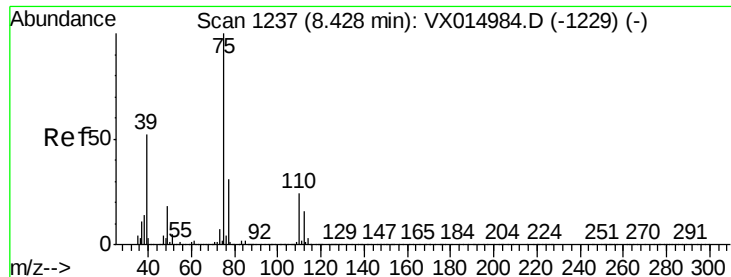
Tgt Ion: 75 Resp: 106380

Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 20.582 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

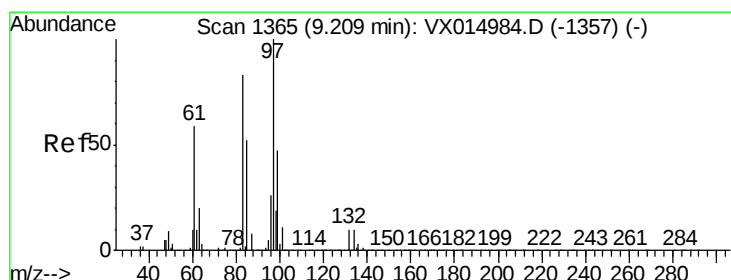
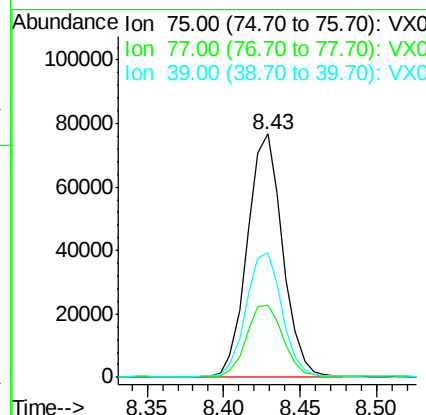
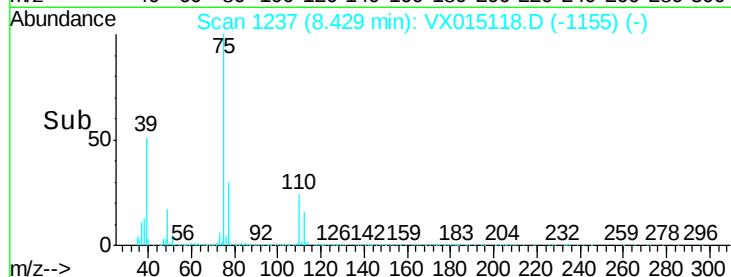
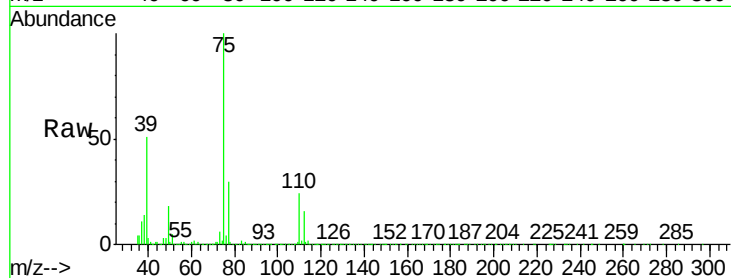
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	122437
Ion Ratio	Lower	Upper	
75	100		
77	29.5	24.6	36.8
39	50.8	41.5	62.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.037 ug/l

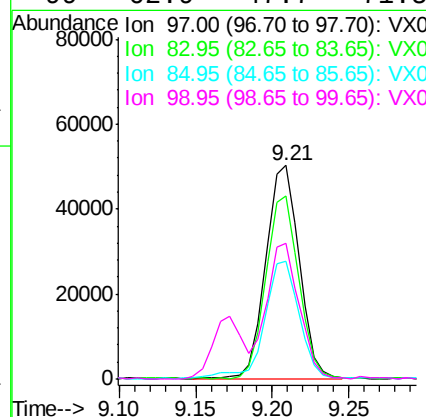
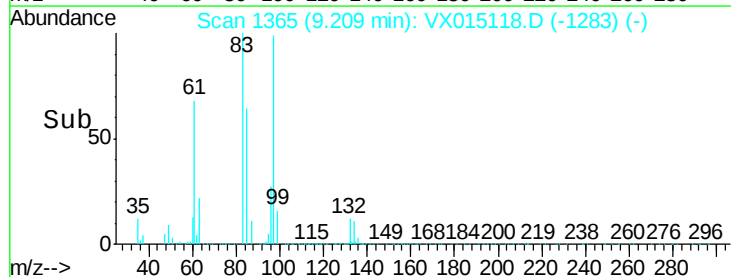
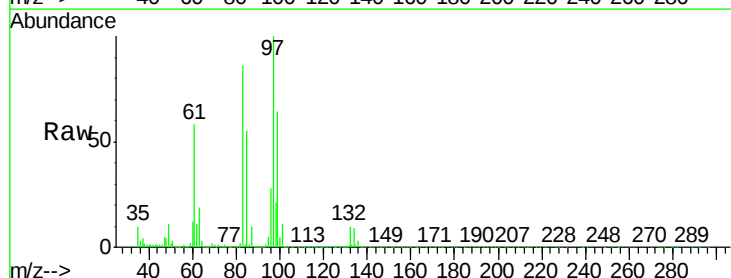
RT: 9.21 min Scan# 1365

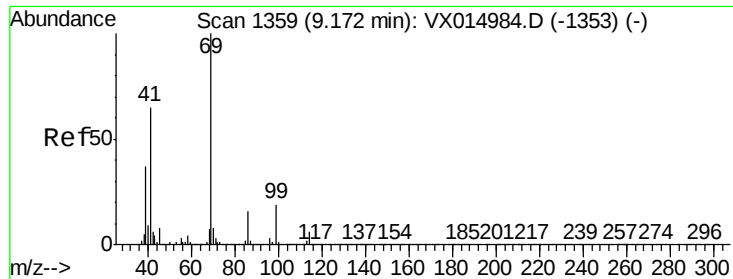
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	97	Resp:	77272
Ion Ratio	Lower	Upper	
97	100		
83	85.3	66.2	99.2
85	54.3	42.4	63.6
99	62.9	47.7	71.5





#51

Ethyl methacrylate

Concen: 19.249 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

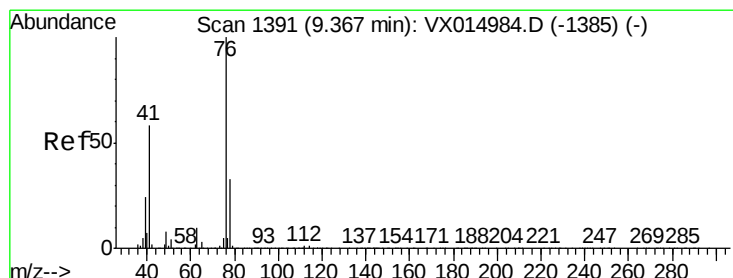
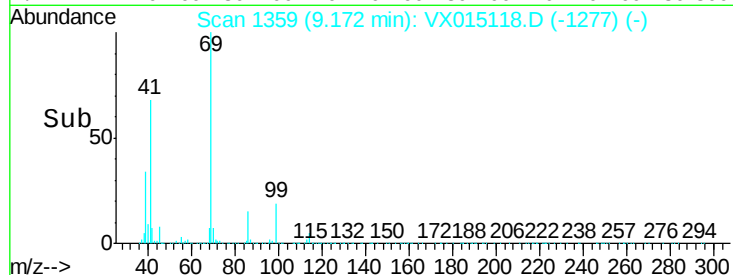
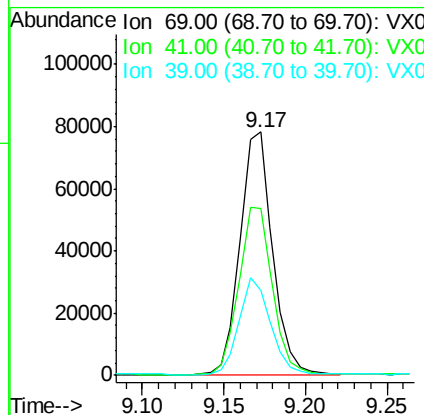
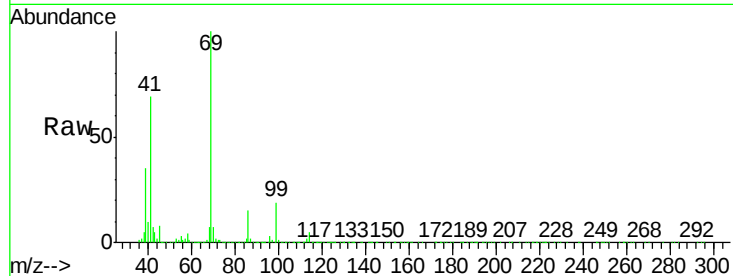
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	109130
Ion Ratio	Lower	Upper	
69	100		
41	68.4	32.7	98.1
39	34.6	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.794 ug/l

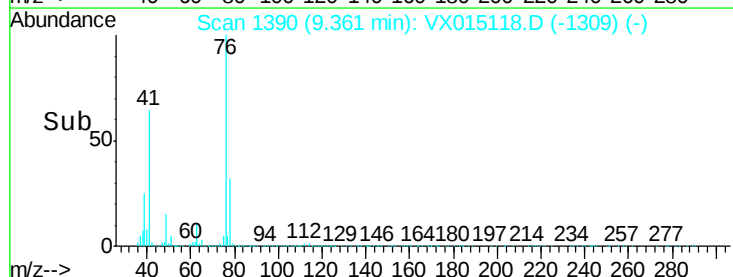
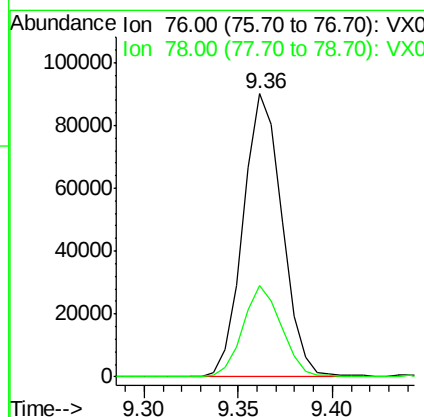
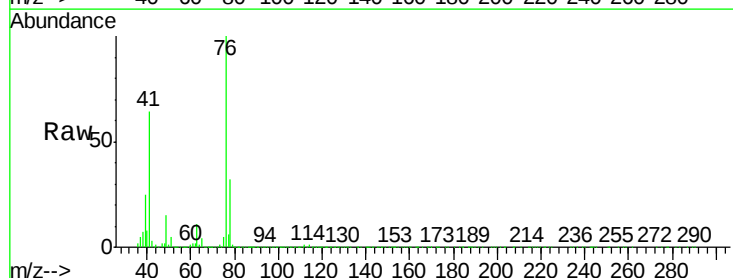
RT: 9.36 min Scan# 1390

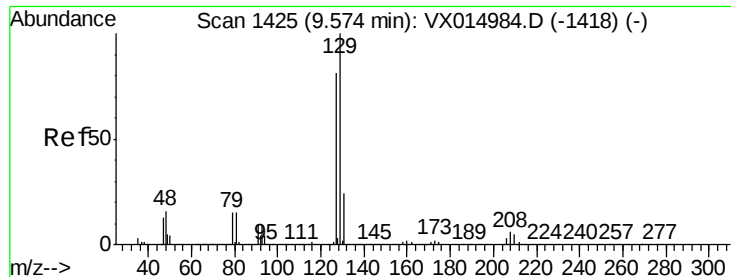
Delta R.T. -0.01 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	76	Resp:	129212
Ion Ratio	Lower	Upper	
76	100		
78	31.6	0.0	65.0





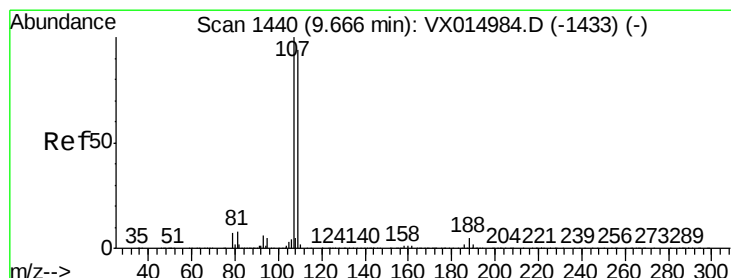
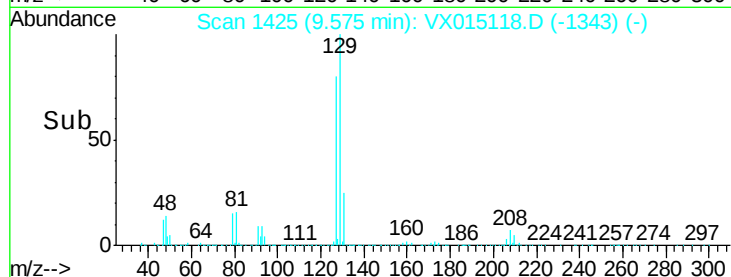
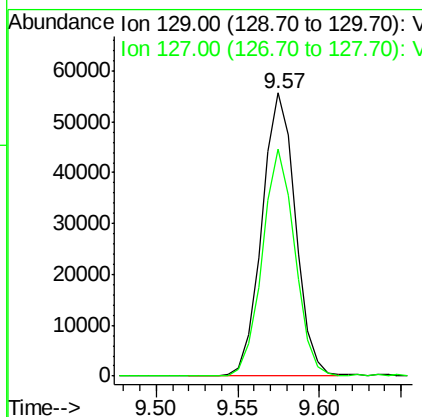
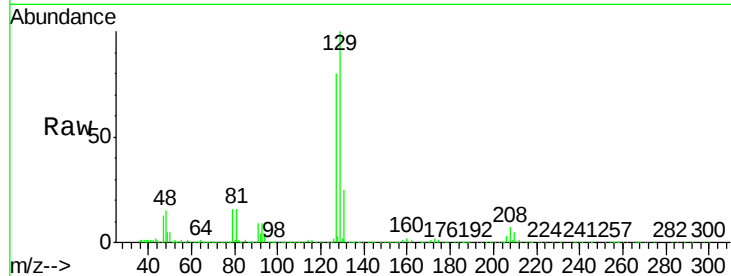
#53
Dibromochloromethane
Concen: 20.050 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.3	114.9

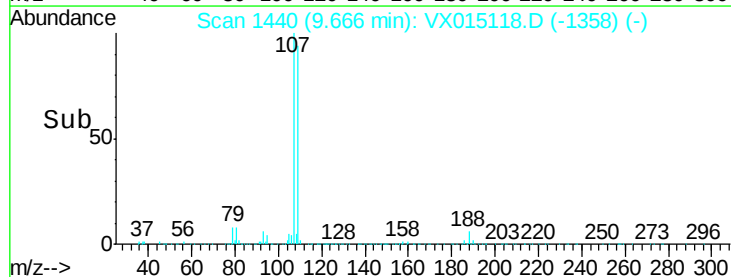
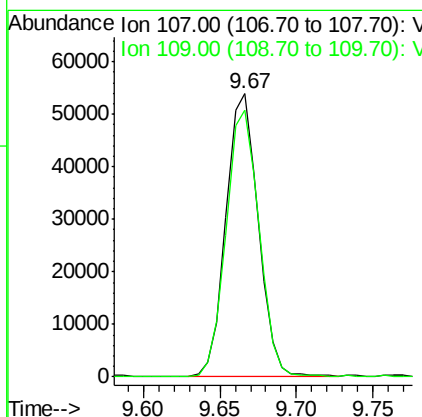
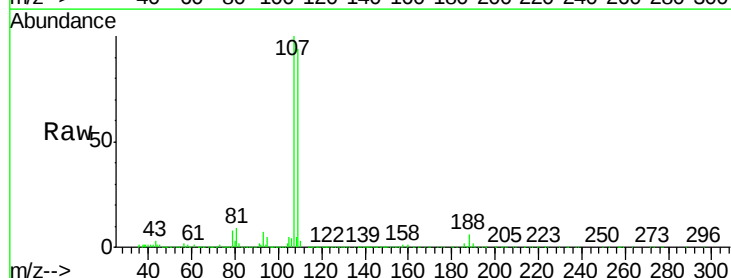
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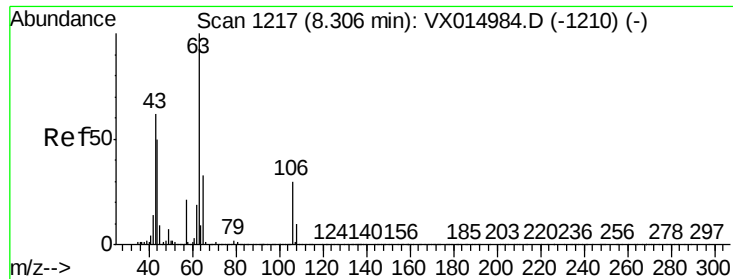
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#54
1,2-Dibromoethane
Concen: 20.315 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.3	114.5





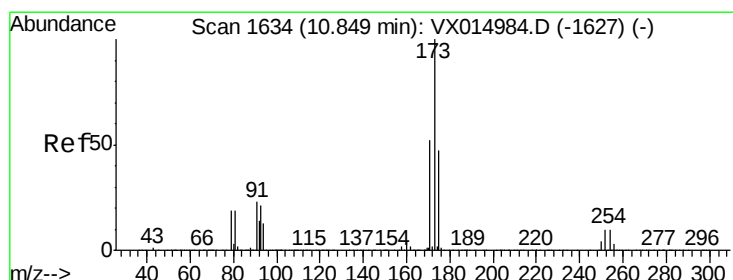
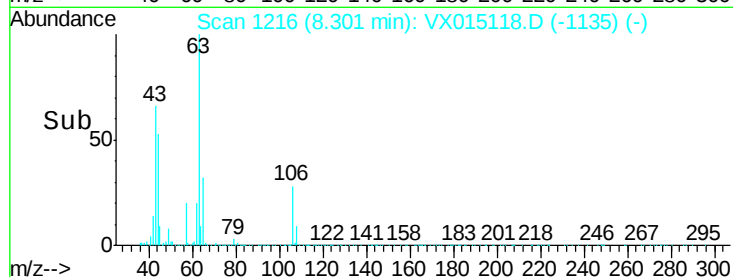
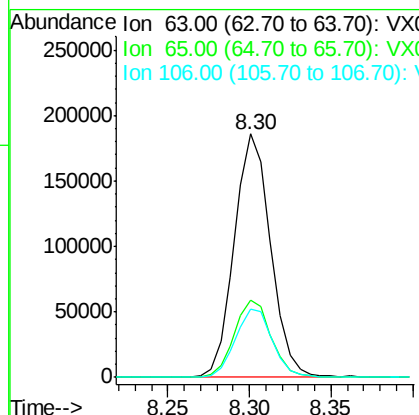
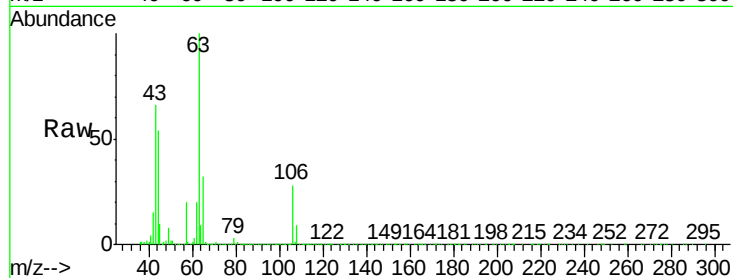
#55
2-Chloroethyl vinyl ether
Concen: 95.059 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	28.7	23.9	35.9

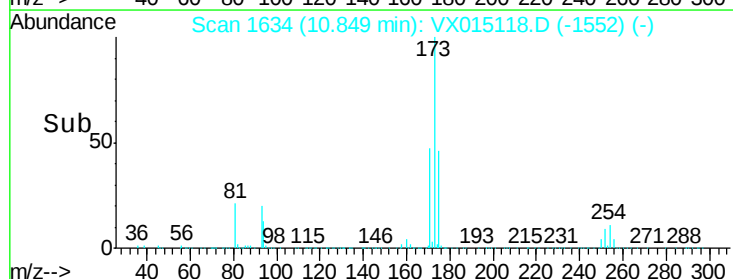
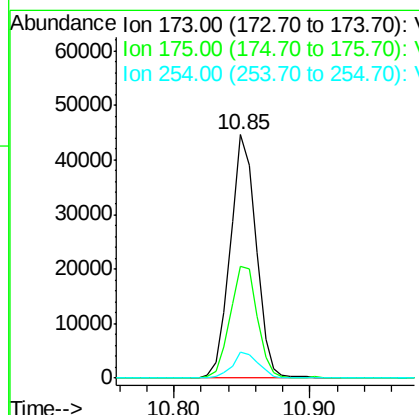
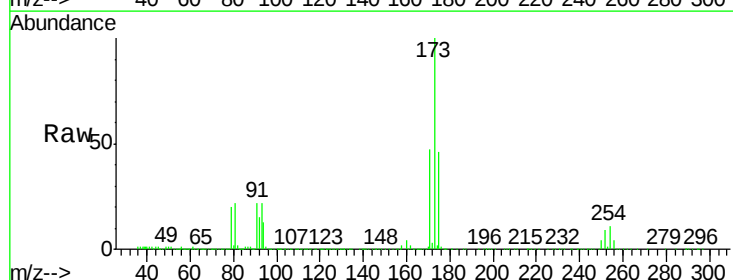
Manual Integrations
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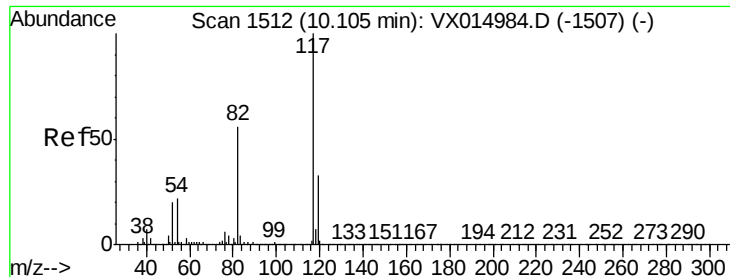
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3/9/2020 9:36:27 AM



#56
Bromoform
Concen: 18.972 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.6	57.8
254	10.9	8.6	13.0





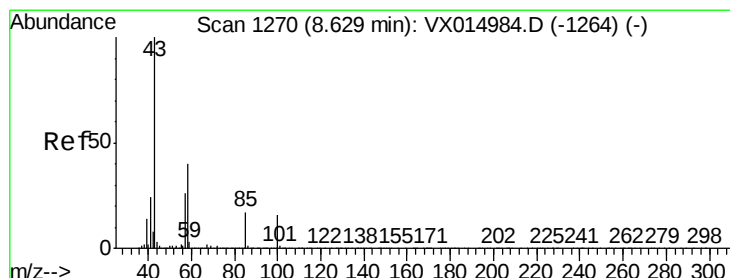
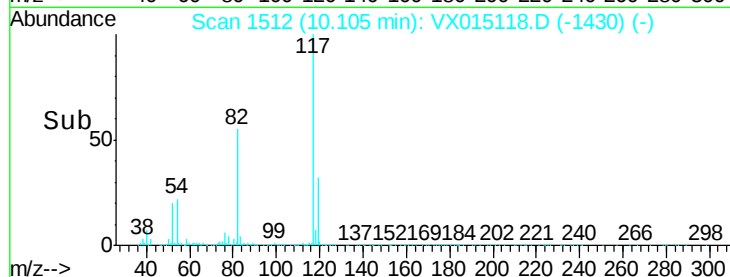
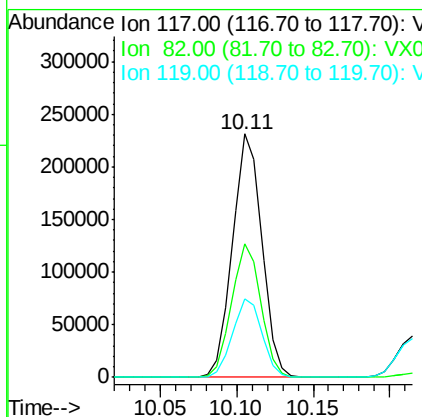
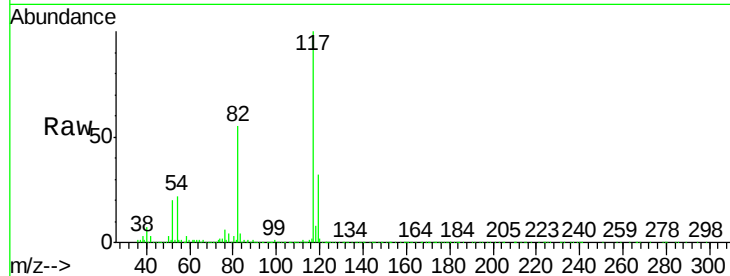
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	32.5	26.0	39.0

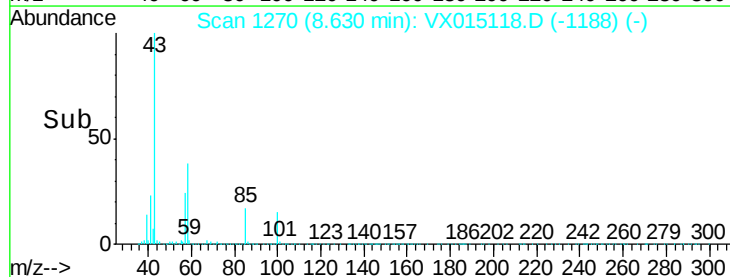
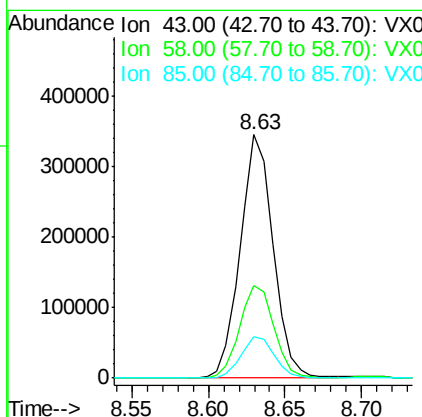
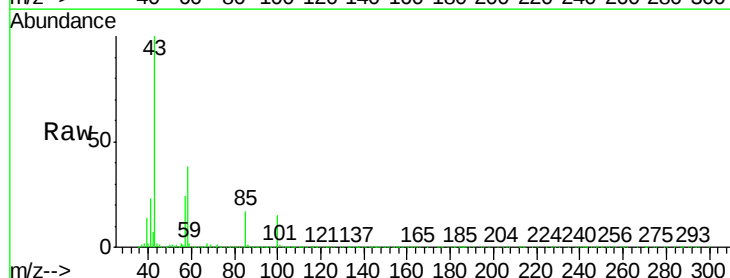
Manual Integrations
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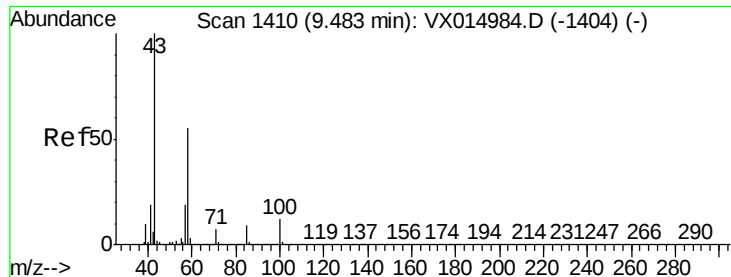
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 102.492 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.7	47.5
85	17.6	14.4	21.6





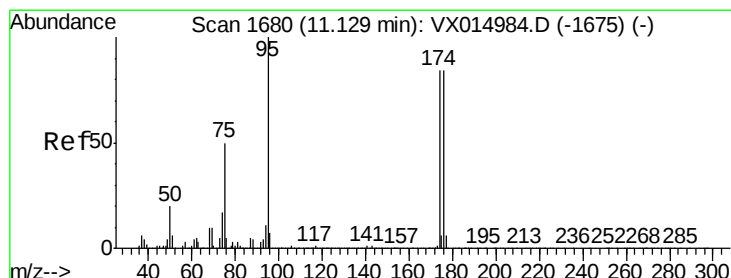
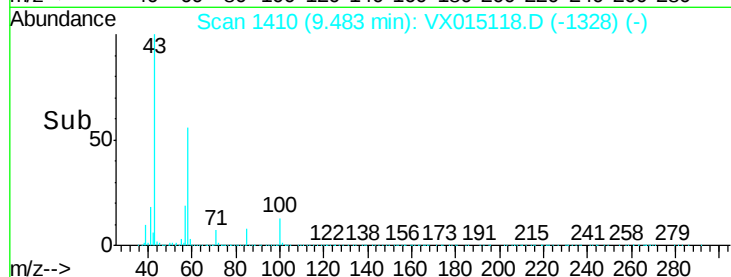
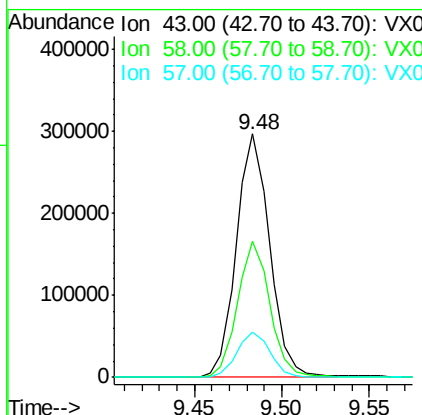
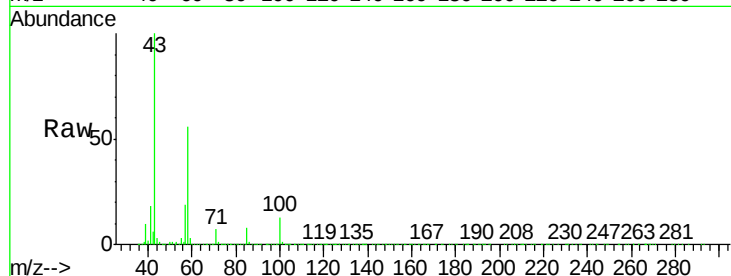
#59
2-Hexanone
Concen: 100.266 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	44.1	66.1
57	18.6	15.3	22.9

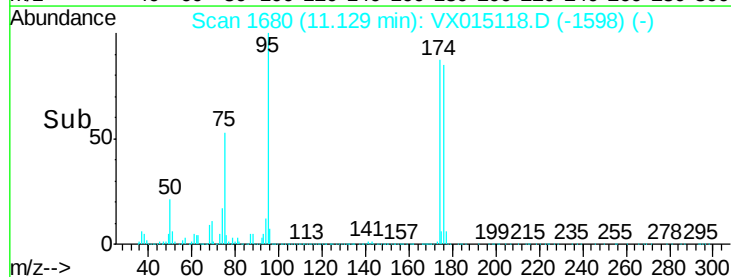
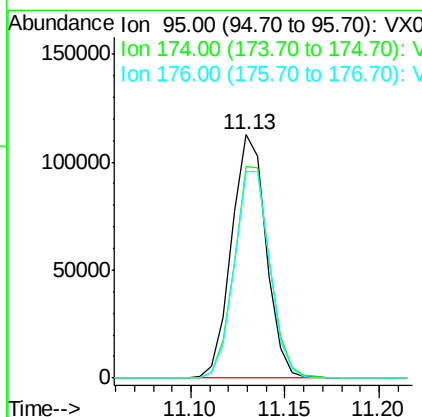
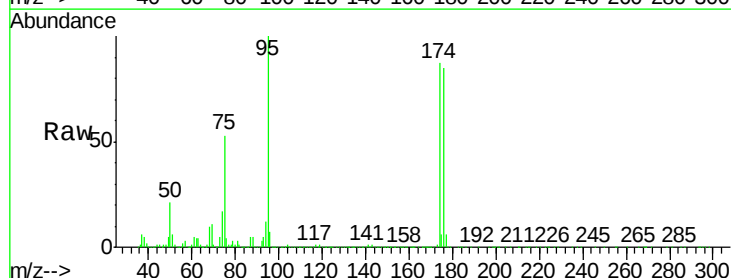
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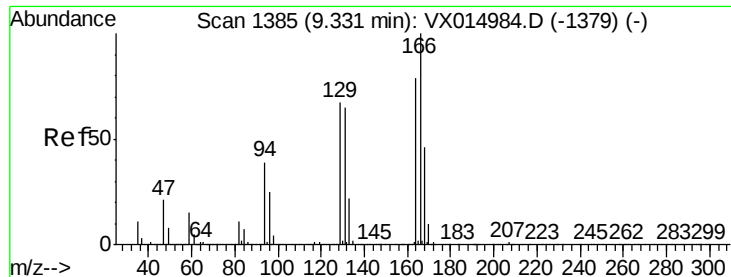
MMDadoda
3/9/2020 9:36:27 AM



#60
4-Bromofluorobenzene
Concen: 29.890 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.8	72.3	108.5
176	86.8	72.0	108.0





#61

Tetrachloroethene

Concen: 19.834 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

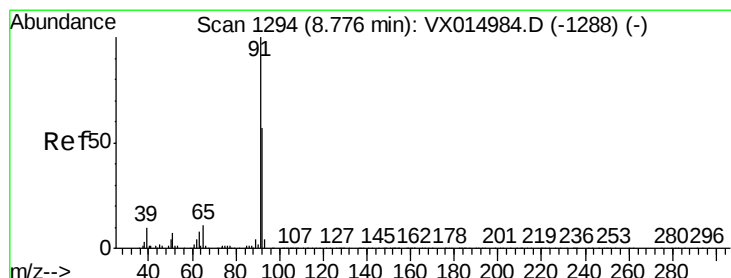
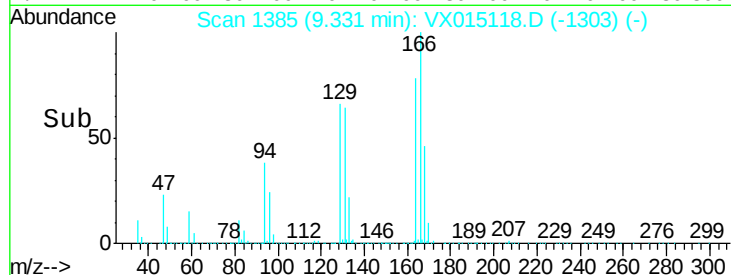
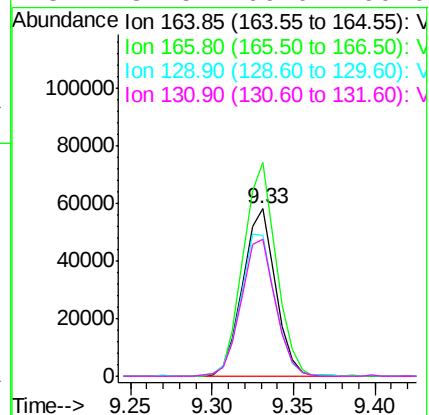
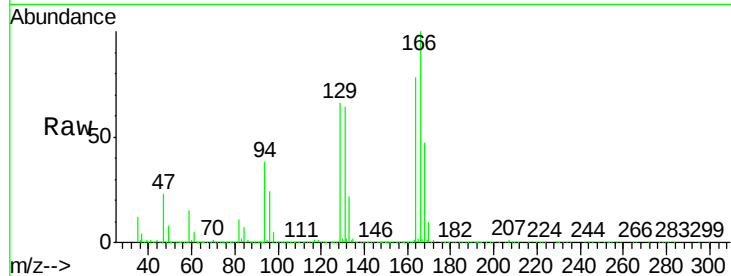
ClientSampleId :

VSTDCCC020

Tot Ion:	164	Resp:	81807
Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.2	151.8
129	84.0	67.6	101.4
131	81.5	66.0	99.0

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#62

Toluene

Concen: 20.382 ug/l

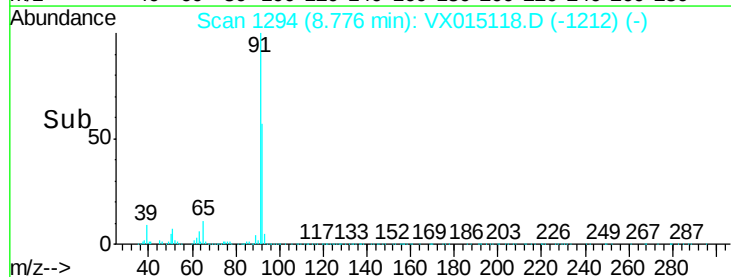
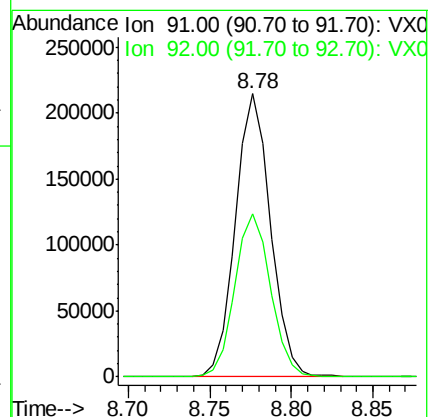
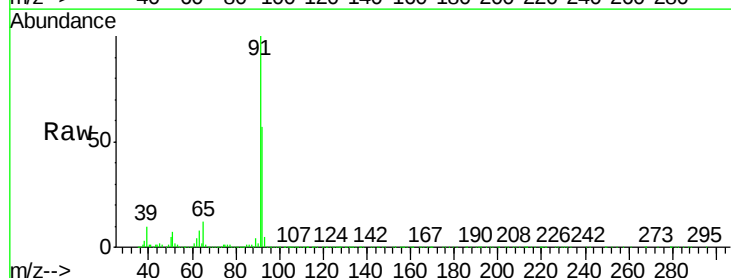
RT: 8.78 min Scan# 1294

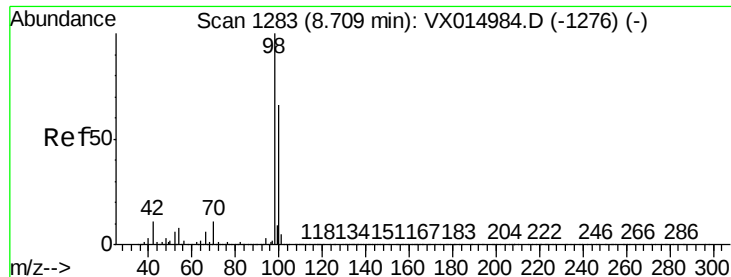
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	91	Resp:	320584
Ion	Ratio	Lower	Upper
91	100		
92	58.9	46.6	69.8





#63

Toluene-d8

Concen: 30.582 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 409536

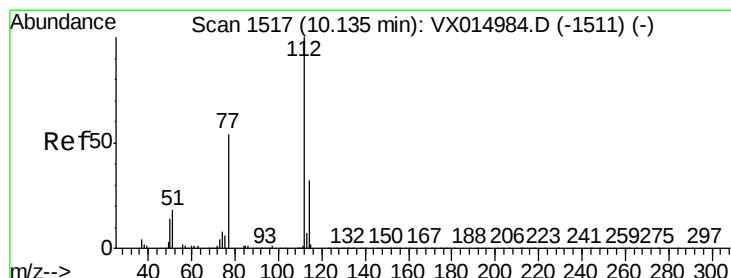
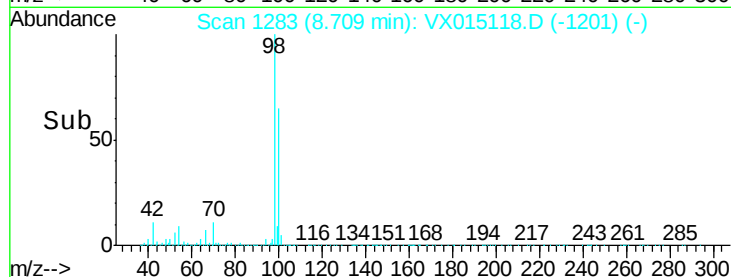
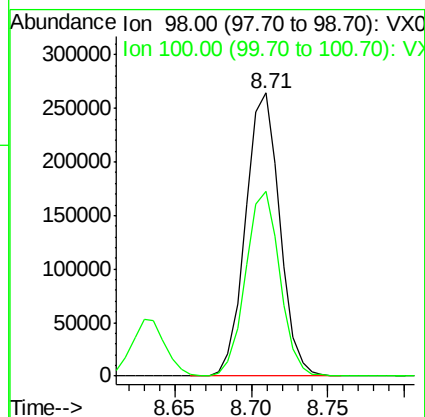
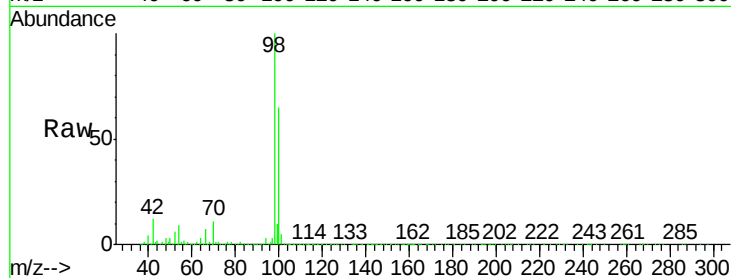
Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

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#64

Chlorobenzene

Concen: 19.890 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015118.D

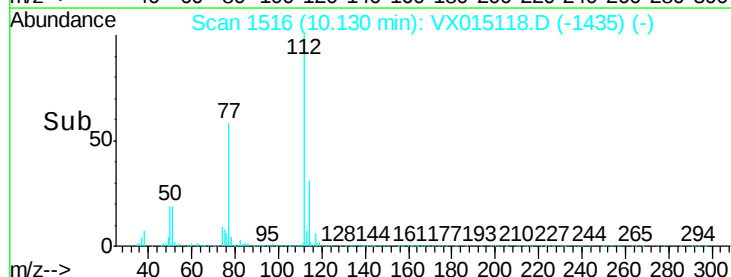
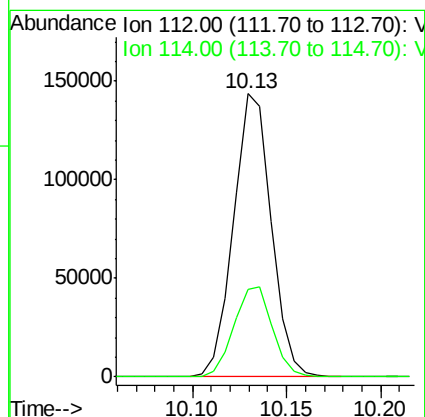
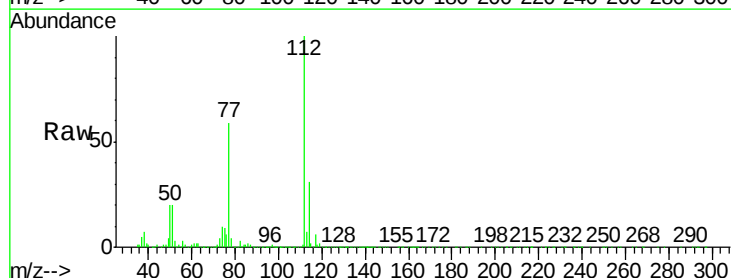
Acq: 06 Mar 2020 11:13

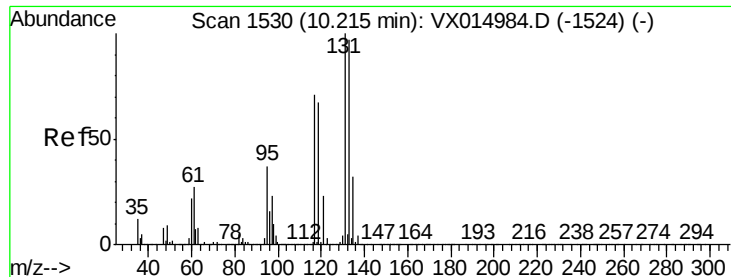
Tgt Ion: 112 Resp: 199692

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.333 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

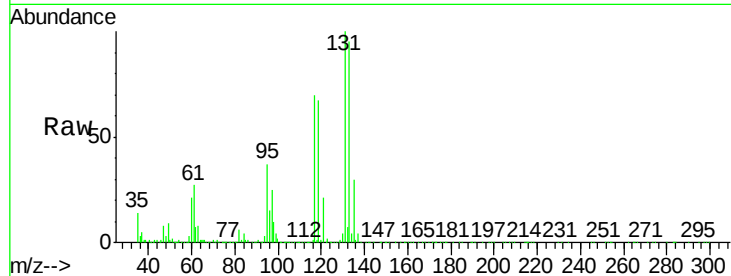
ClientSampleId :

VSTDCCC020

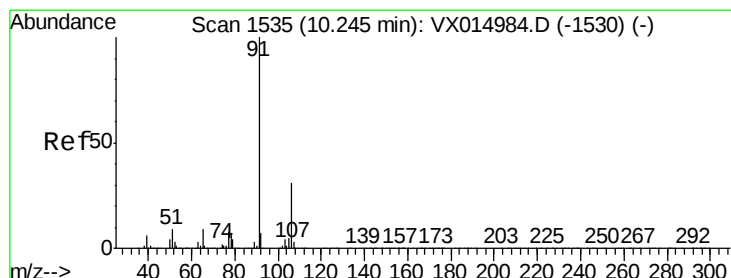
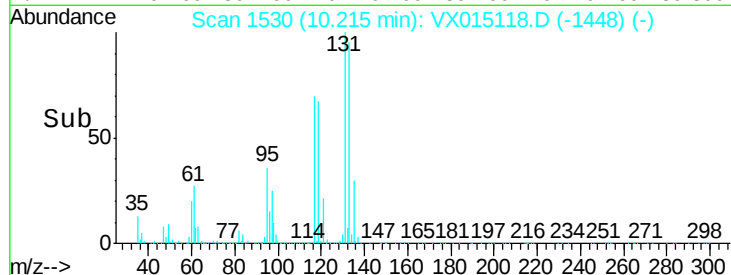
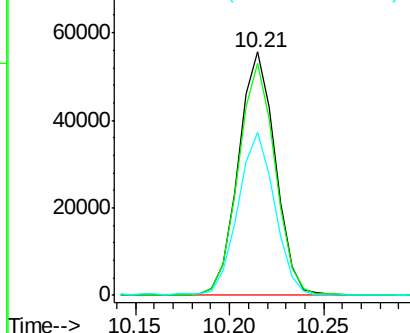
Tot Ion:	131	Resp:	75615
Ion Ratio	Lower	Upper	
131	100		
133	94.6	0.0	191.4
119	65.1	0.0	132.0

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.372 ug/l

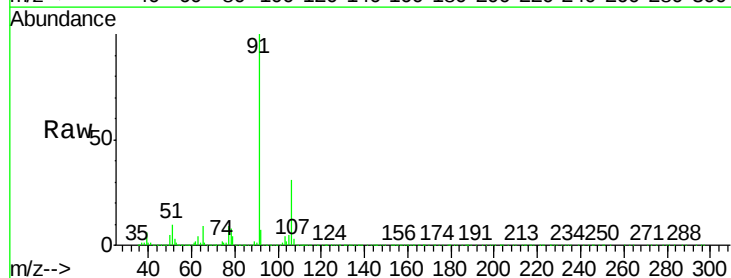
RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

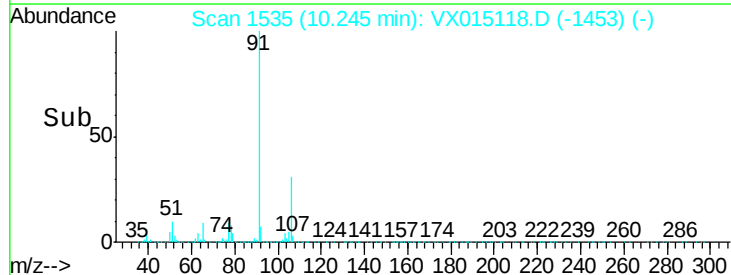
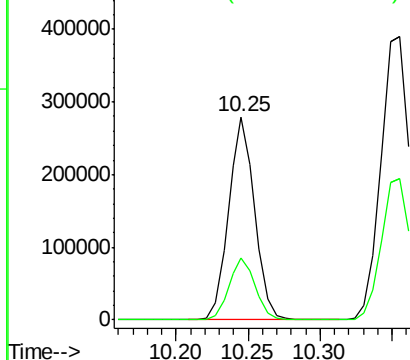
Lab File: VX015118.D

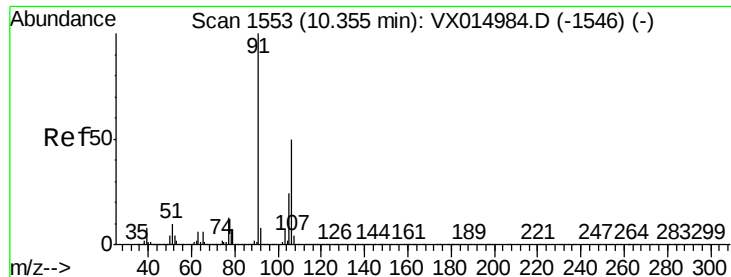
Acq: 06 Mar 2020 11:13

Tgt Ion:	91	Resp:	352986
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.7	37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





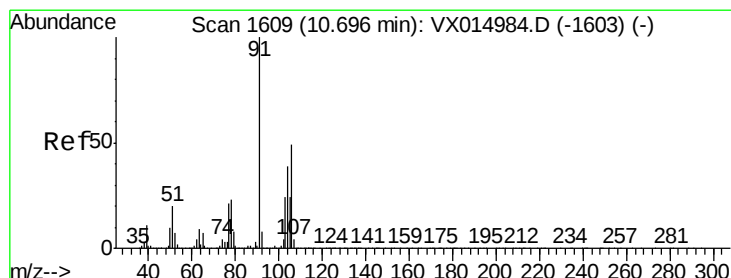
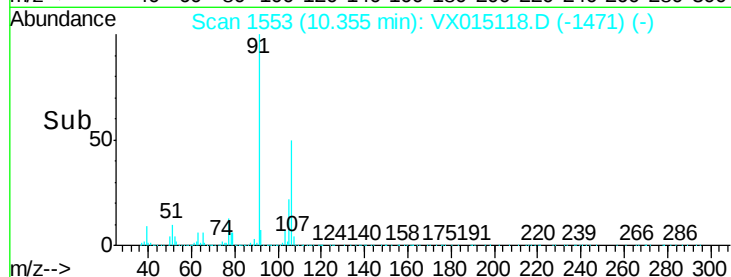
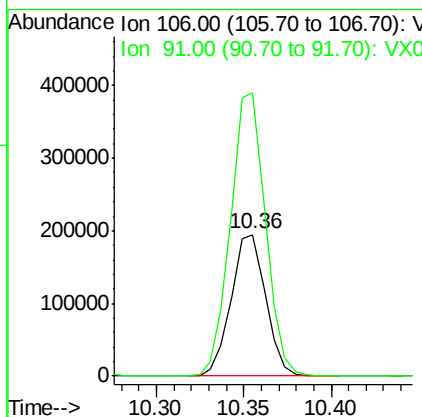
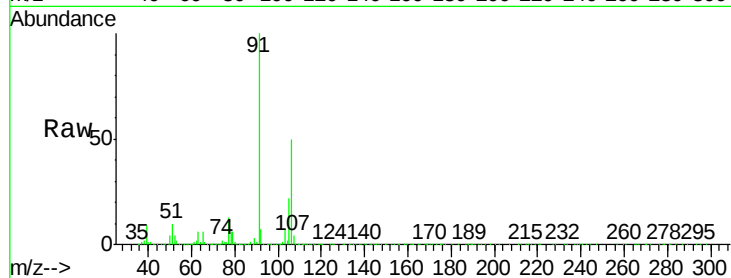
#67
m/p-Xvlenes
Concen: 40.243 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 268874
Ion Ratio Lower Upper
106 100
91 201.6 160.4 240.6

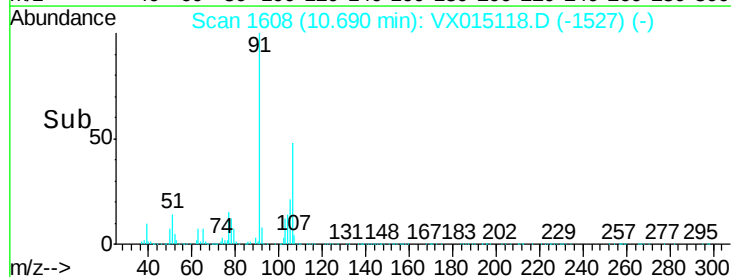
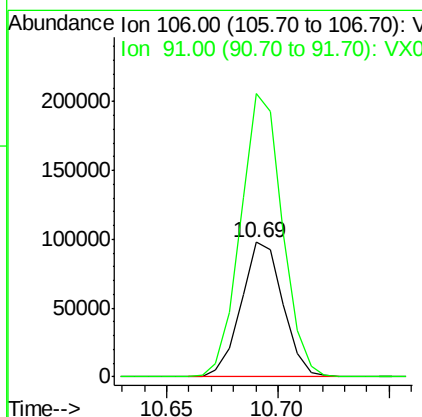
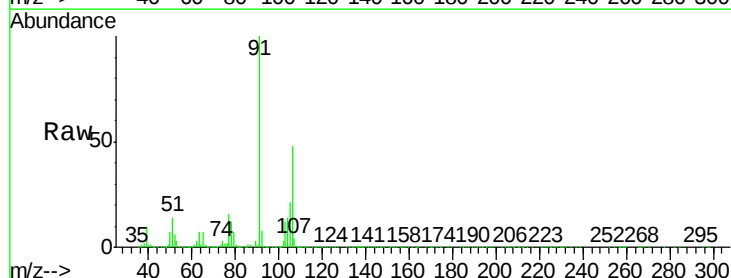
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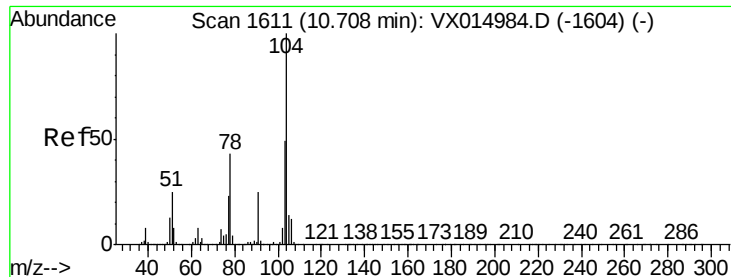
MMDadoda
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#68
o-Xylene
Concen: 19.837 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion:106 Resp: 128238
Ion Ratio Lower Upper
106 100
91 210.0 105.3 315.9





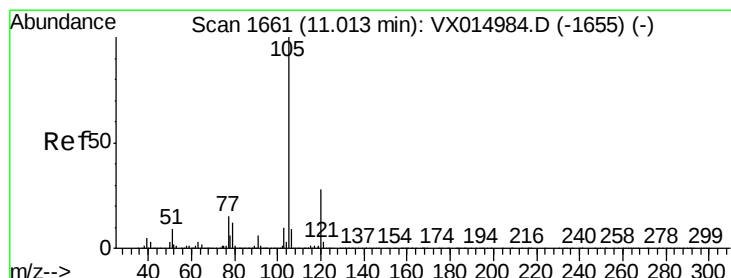
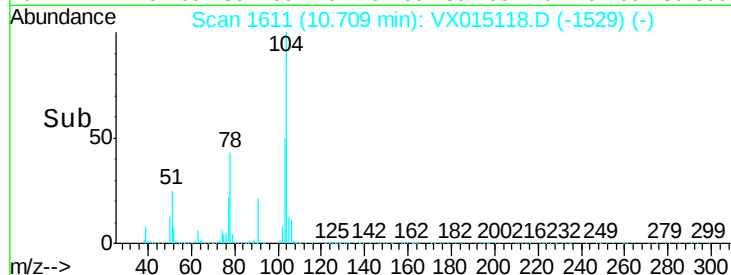
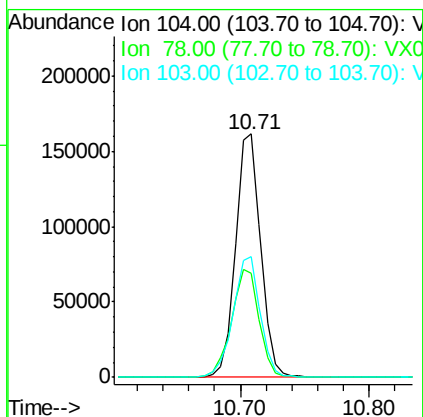
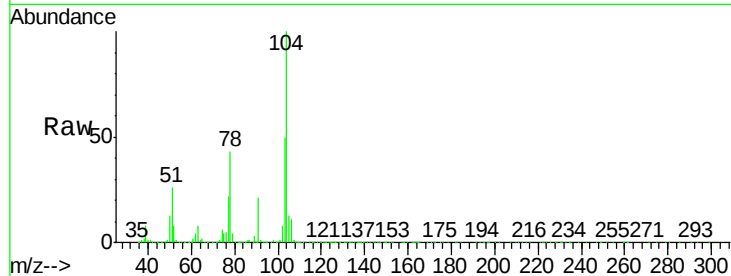
#69
Stvrene
Concen: 19.833 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.4	59.2
103	53.5	42.9	64.3

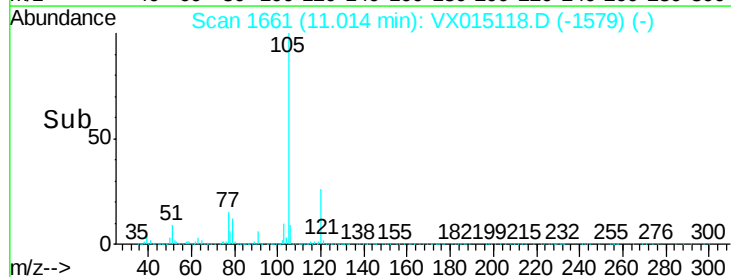
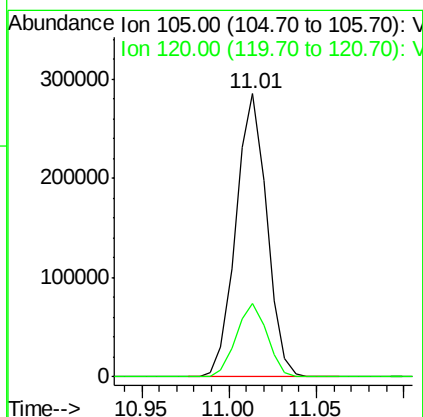
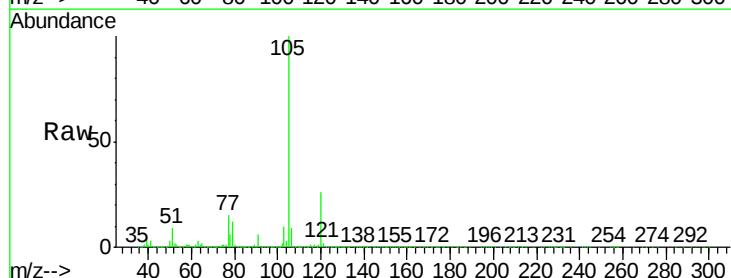
Manual Integrations
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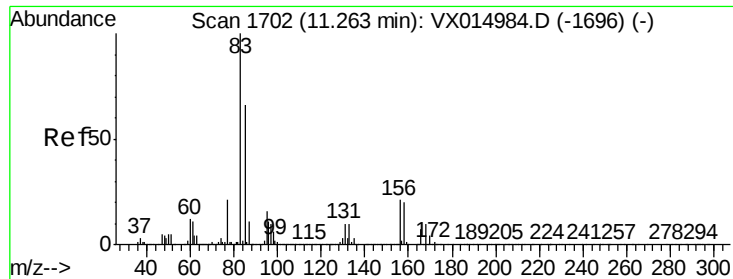
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#70
Isopropylbenzene
Concen: 20.387 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.8	35.0





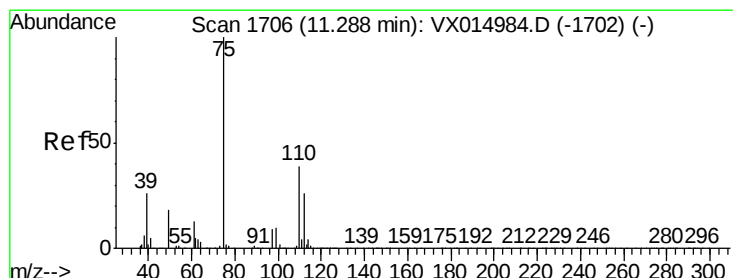
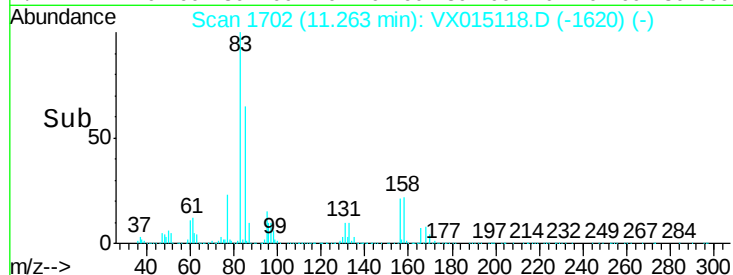
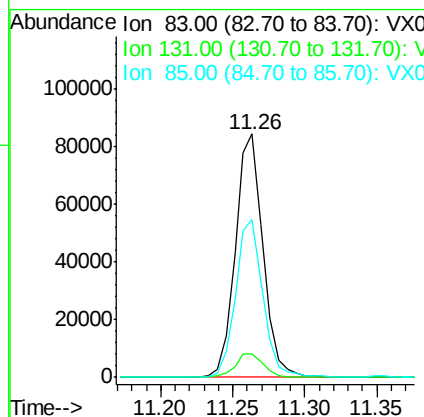
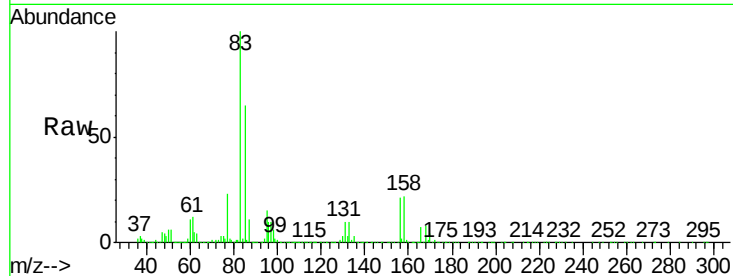
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.288 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
83	100		
131	10.2	5.1	15.4
85	65.1	32.2	96.6

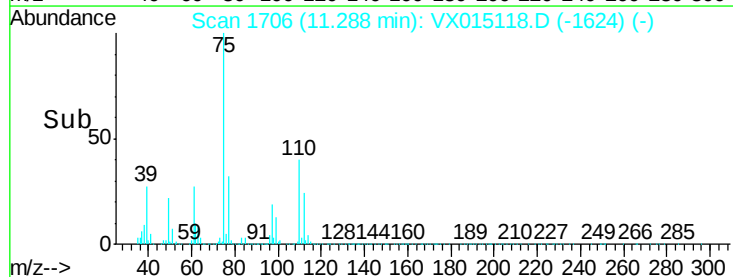
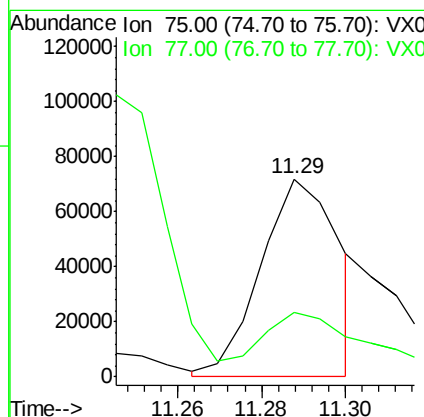
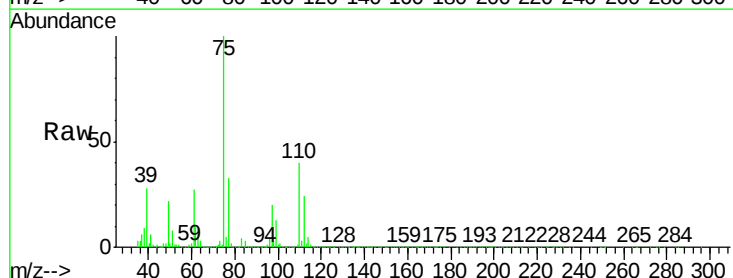
Manual Integrations
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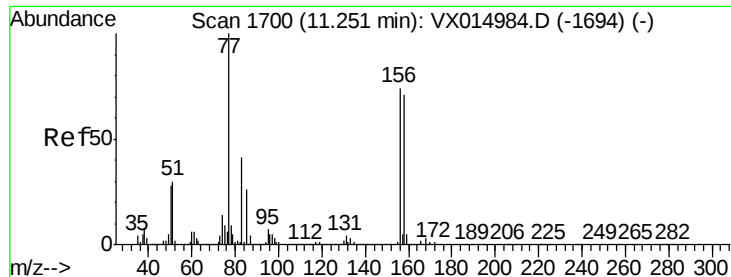
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#72
 1,2,3-Trichloropropane
 Concen: 20.347 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
77	44.2	0.0	75.4





#73

Bromobenzene

Concen: 19.407 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

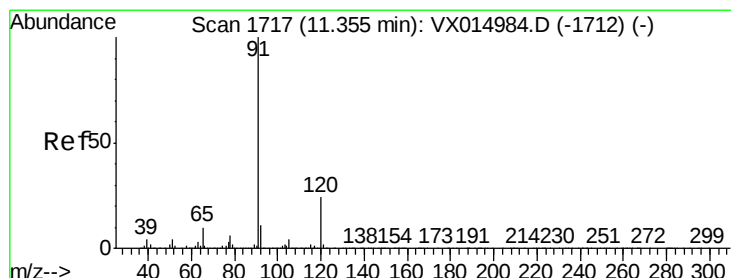
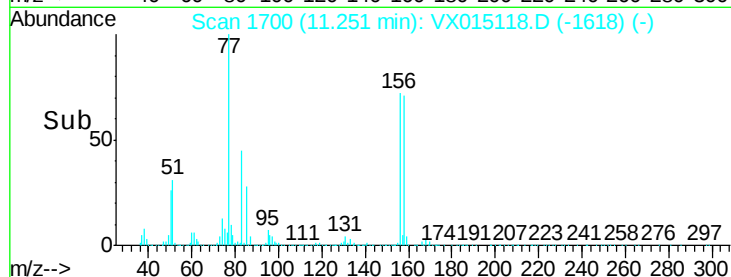
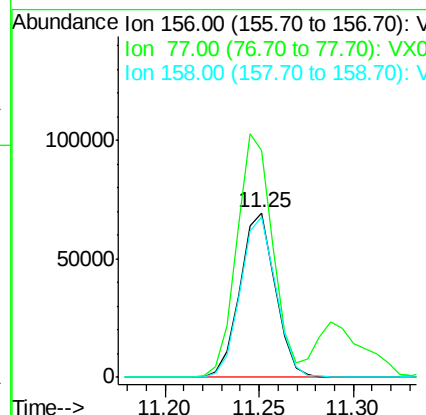
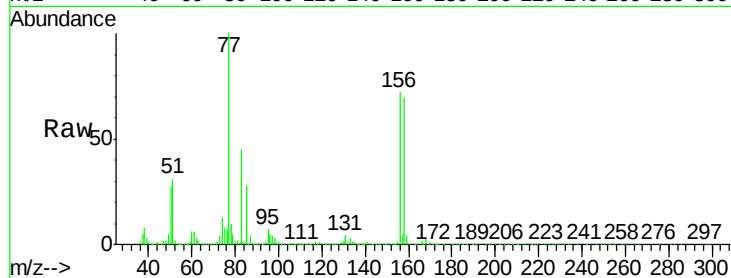
ClientSampled :

VSTDCCC020

Tot Ion:	156	Resp:	90050
Ion Ratio	Lower	Upper	
156	100		
77	150.2	0.0	286.8
158	98.7	0.0	191.8

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#74

n-propylbenzene

Concen: 20.793 ug/l

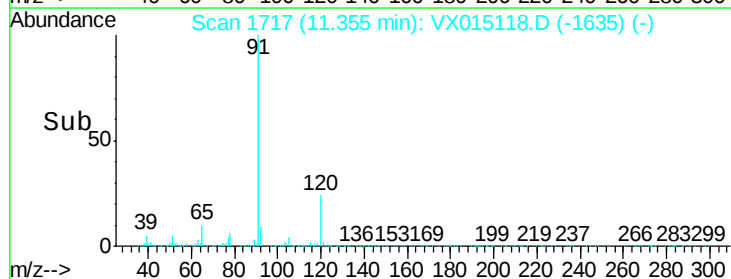
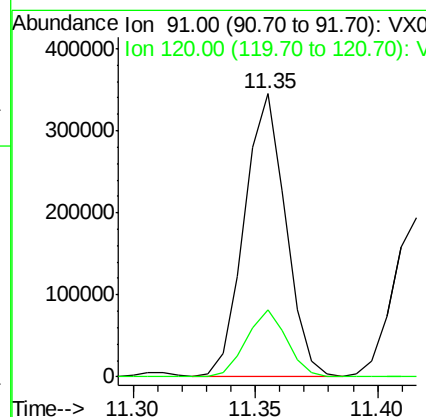
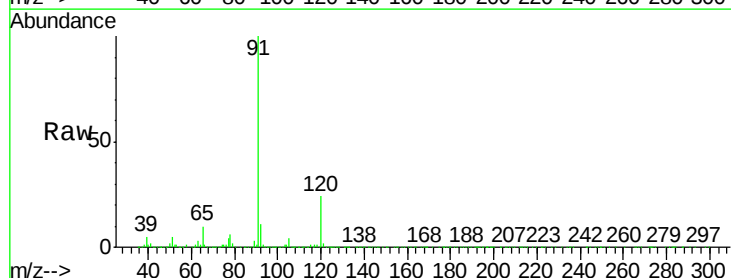
RT: 11.35 min Scan# 1717

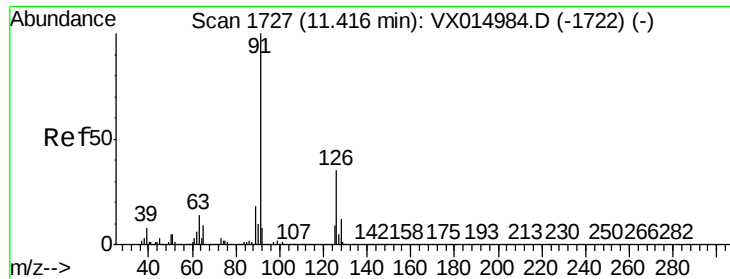
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	91	Resp:	406389
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.468 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 236402

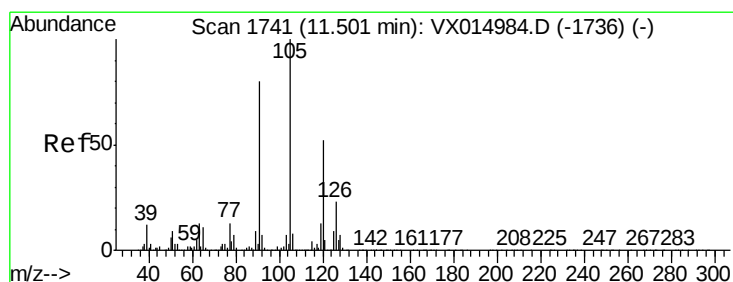
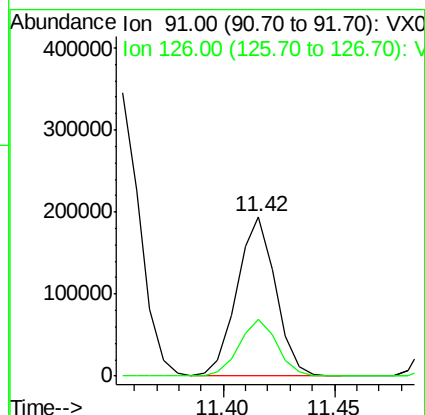
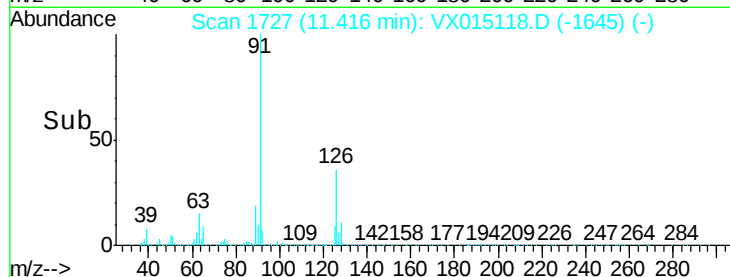
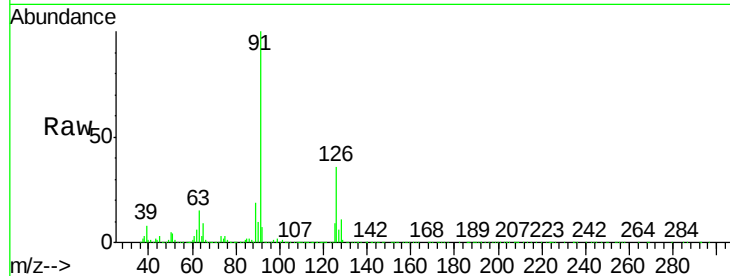
Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 20.047 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015118.D

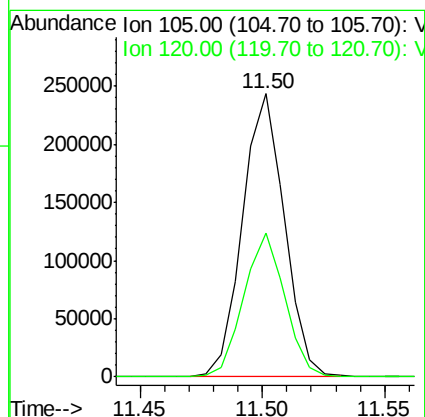
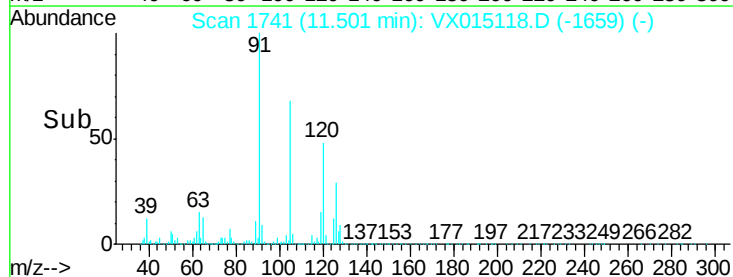
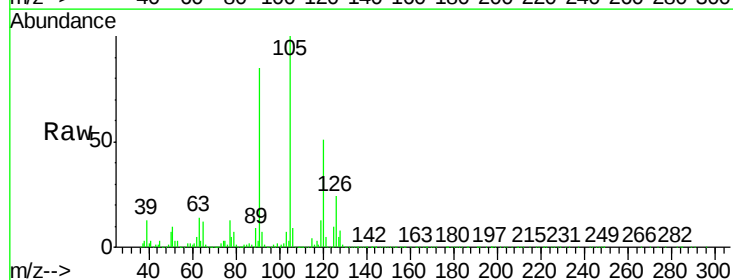
Acq: 06 Mar 2020 11:13

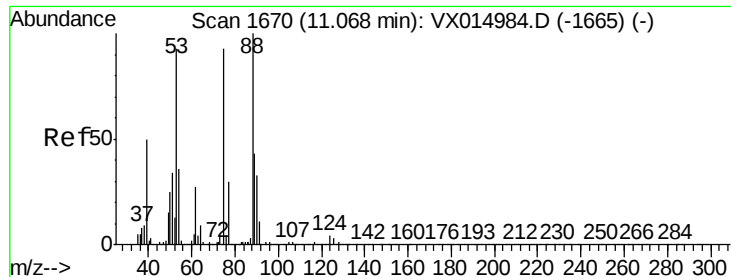
Tgt Ion: 105 Resp: 288501

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0





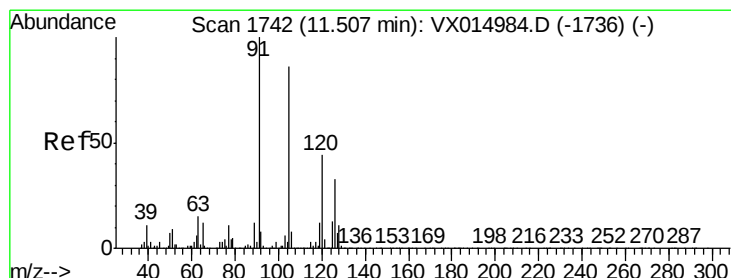
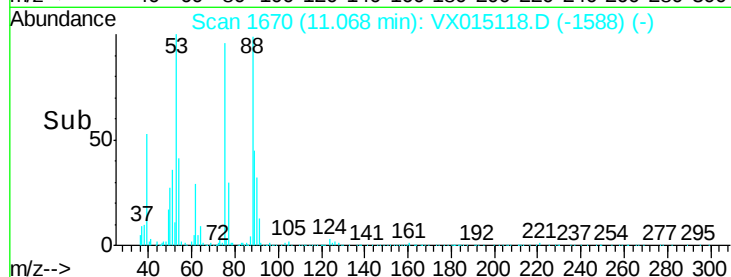
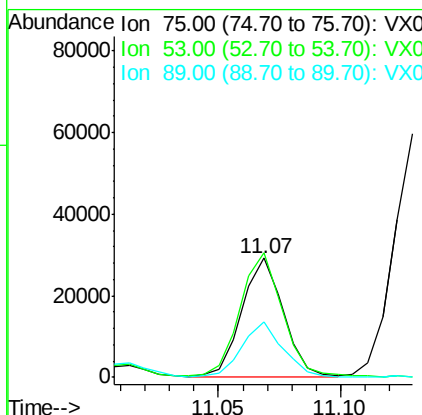
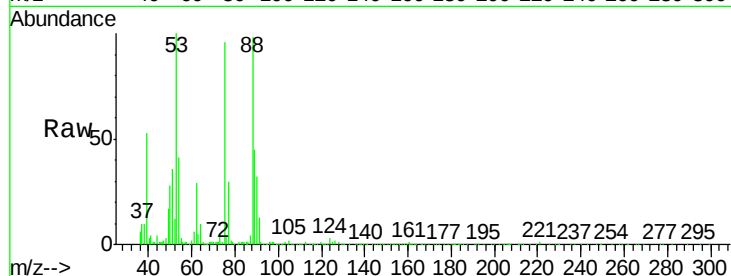
#77
t-1,4-Dichloro-2-butene
Concen: 18.525 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	50.0	149.8
89	46.9	23.5	70.5

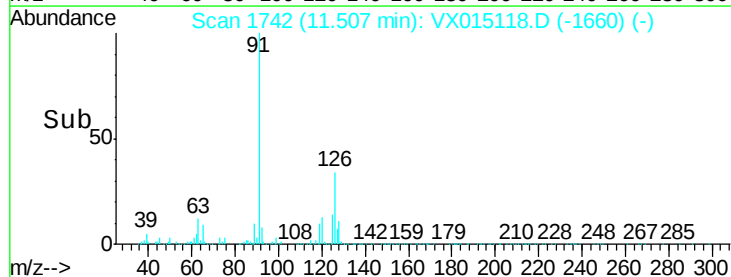
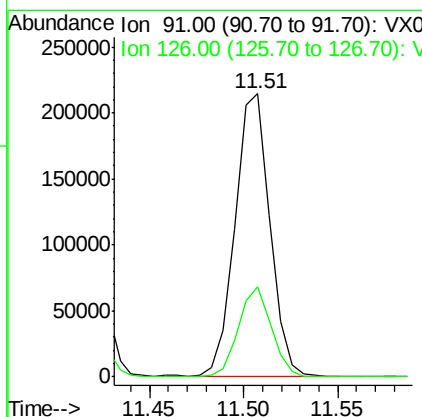
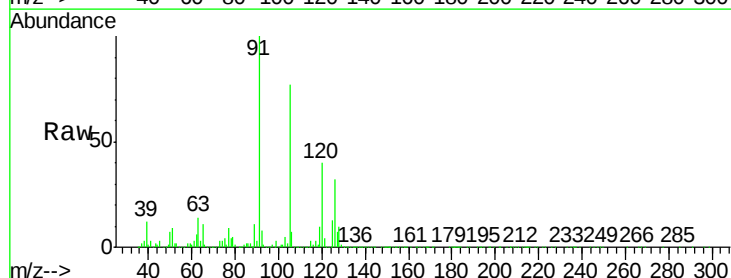
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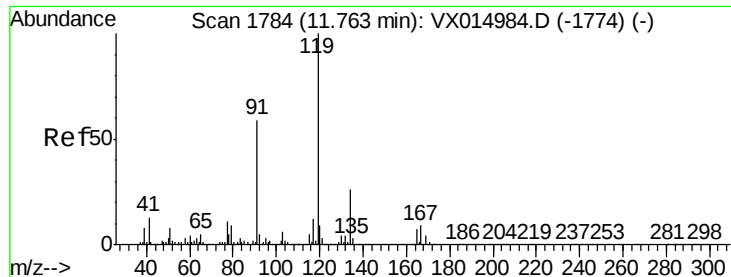
MMDadoda
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#78
4-Chlorotoluene
Concen: 20.496 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	62.0





#79

tert-butylbenzene

Concen: 20.252 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

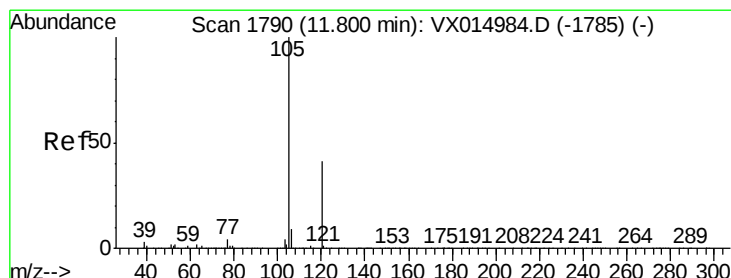
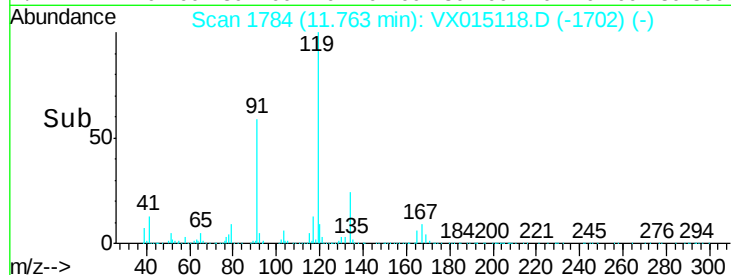
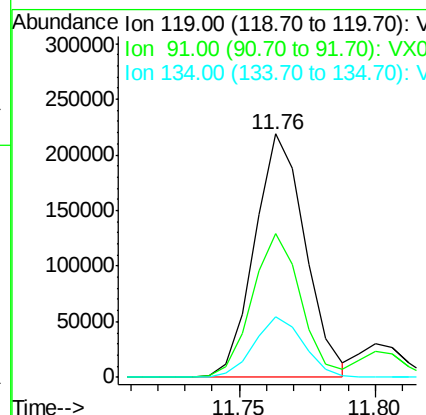
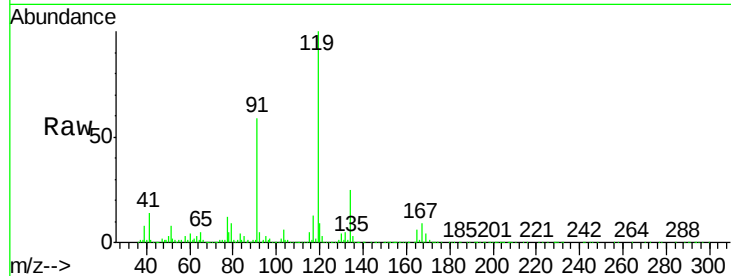
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	281579
Ion Ratio		Lower	Upper
119	100		
91	56.8	0.0	114.4
134	24.4	0.0	48.8

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#80

1,2,4-Trimethylbenzene

Concen: 20.322 ug/l

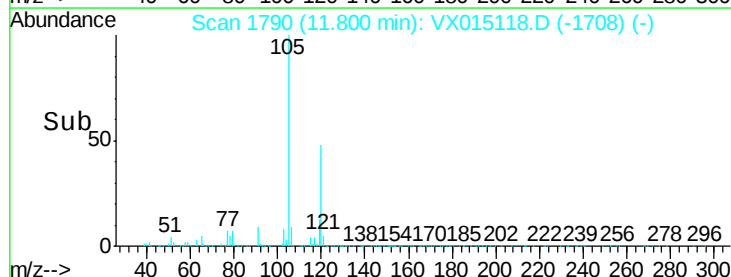
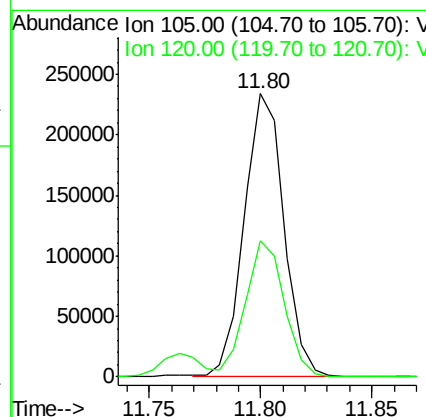
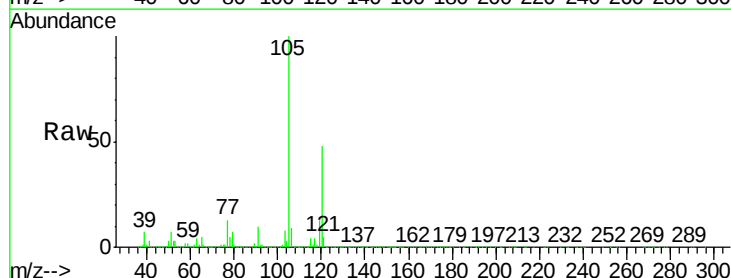
RT: 11.80 min Scan# 1790

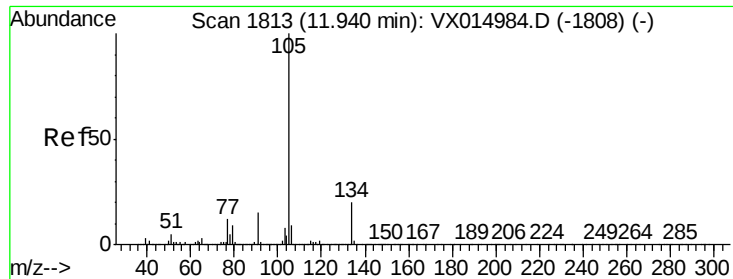
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	105	Resp:	290764
Ion Ratio		Lower	Upper
105	100		
120	46.7	0.0	93.4





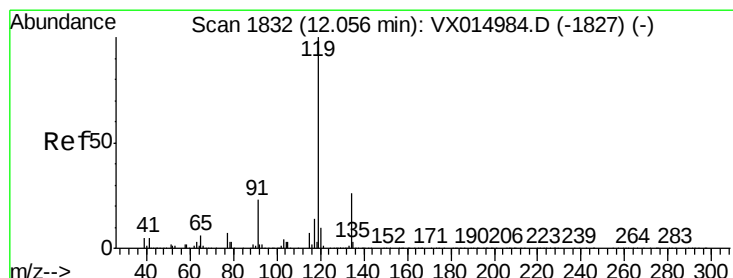
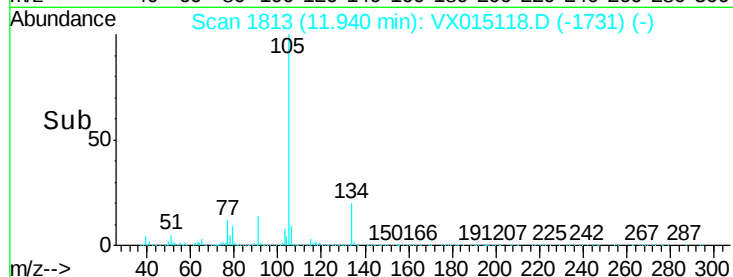
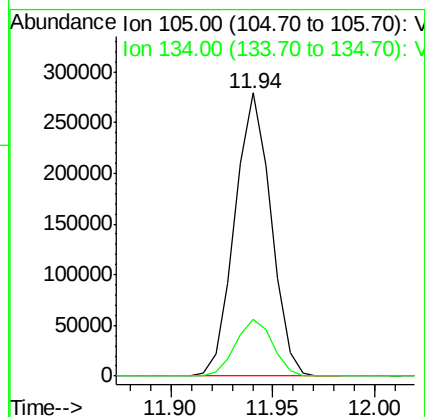
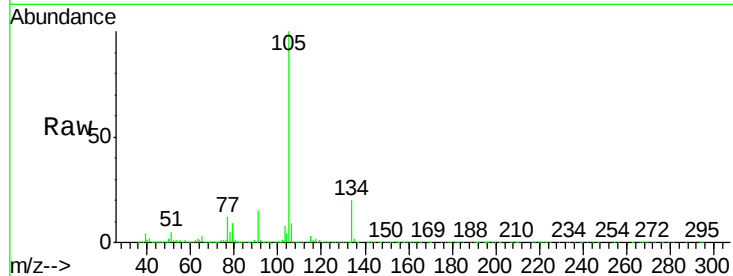
#81
sec-Butylbenzene
Concen: 20.561 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	342361		
134	20.4	0.0	40.8	

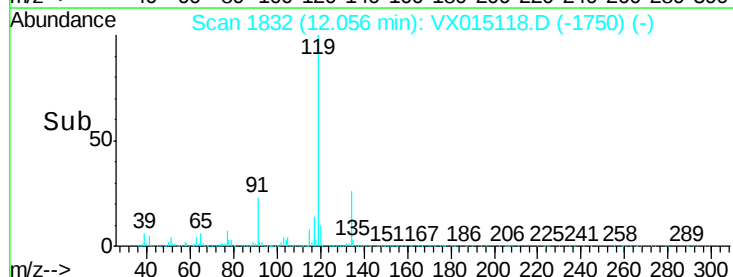
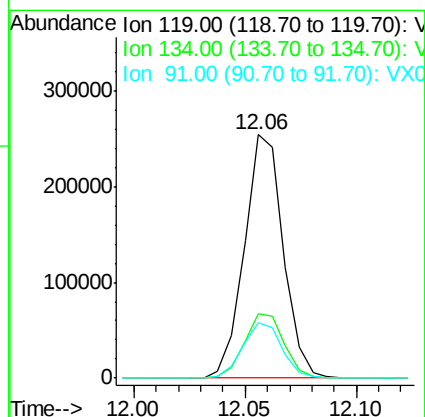
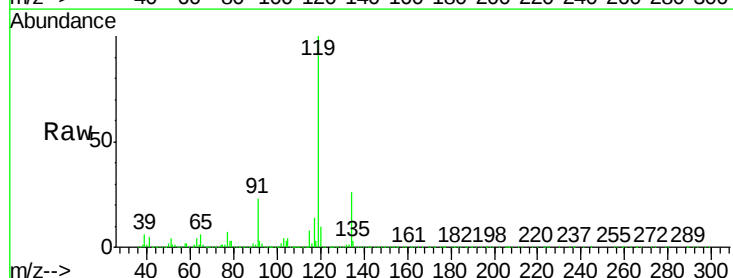
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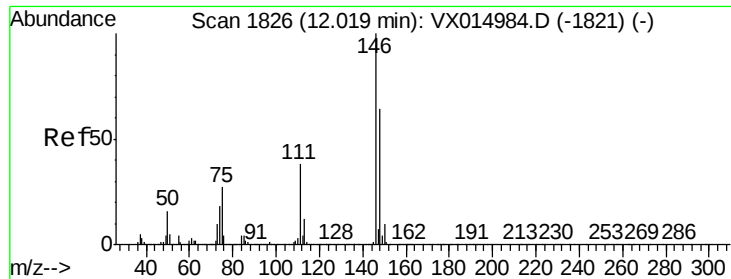
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#82
p-Isopropyltoluene
Concen: 19.933 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	308347		
134	27.2	0.0	53.2	
91	22.9	0.0	44.6	





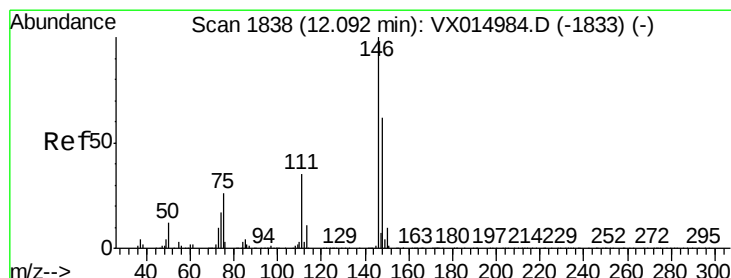
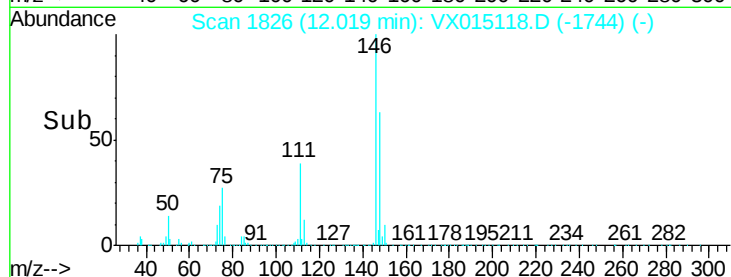
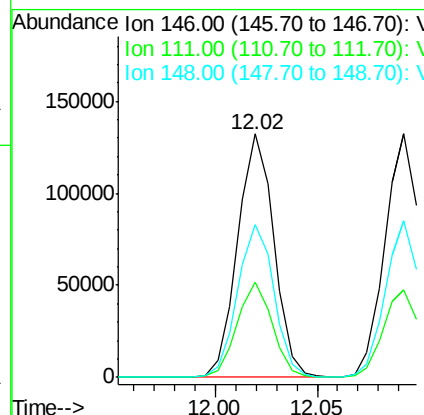
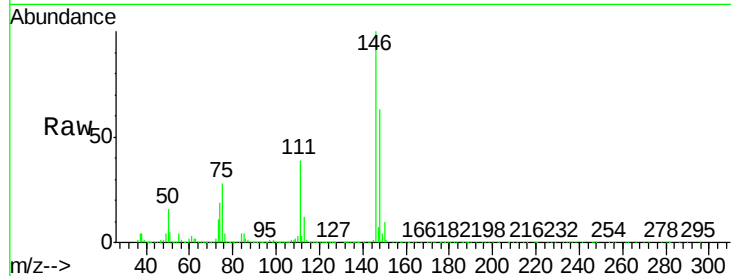
#83
 1,3-Dichlorobenzene
 Concen: 19.891 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.9
148	63.5	32.3	96.9

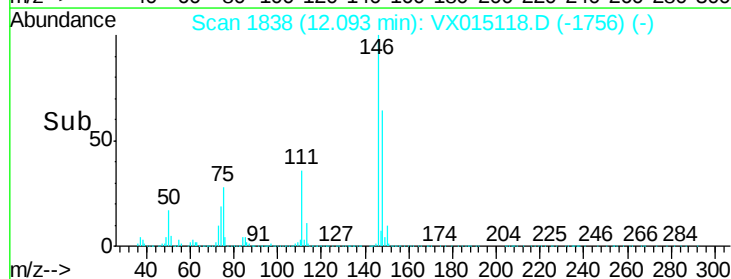
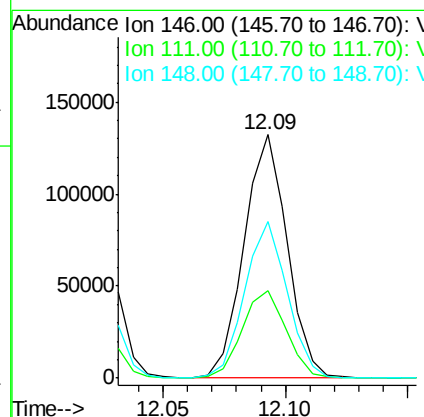
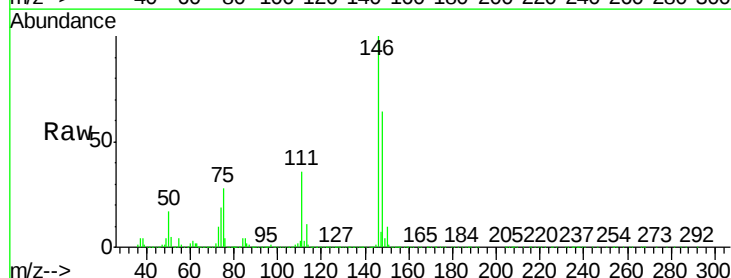
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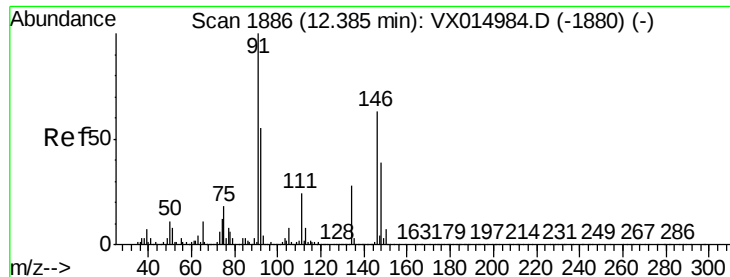
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#84
 1,4-Dichlorobenzene
 Concen: 19.514 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015118.D
 Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.8	53.5
148	64.5	31.4	94.2





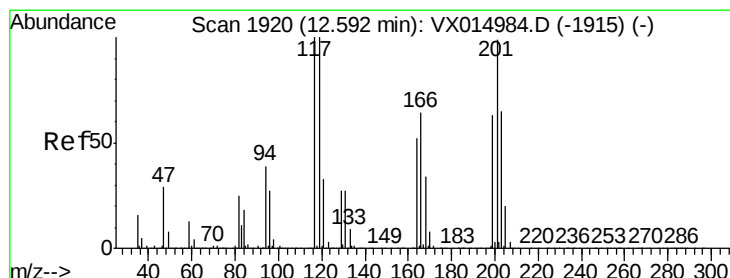
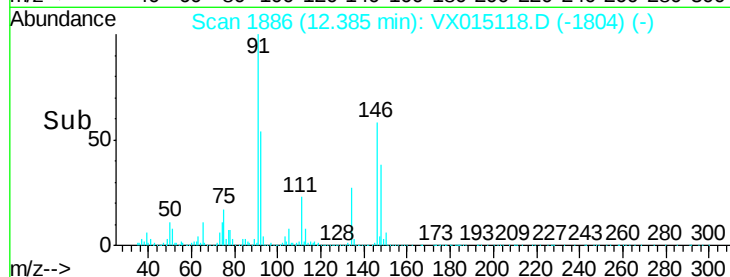
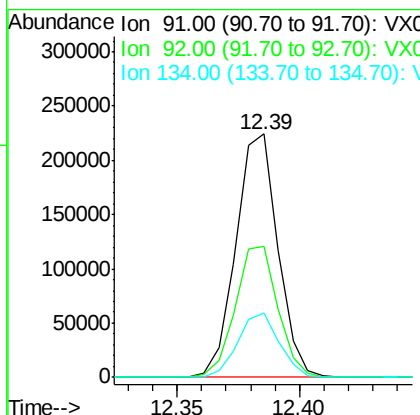
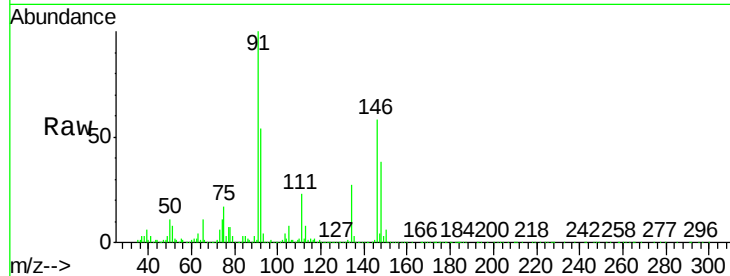
#85
n-Butylbenzene
Concen: 19.784 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	266307		
92	54.7	0.0	109.8	
134	26.2	0.0	54.8	

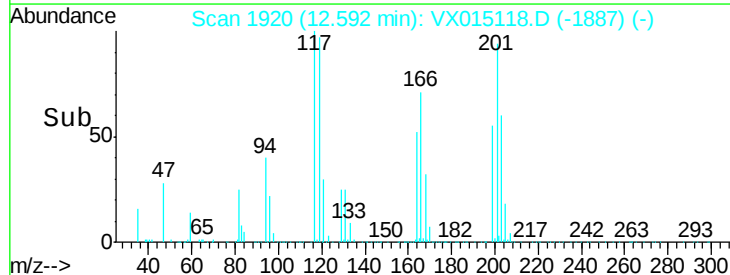
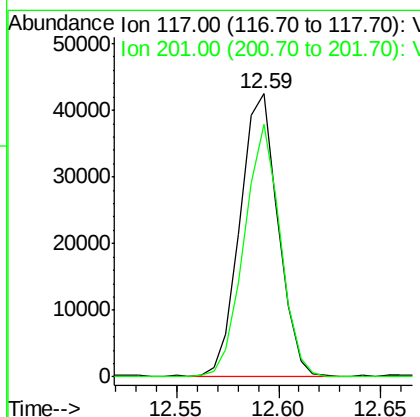
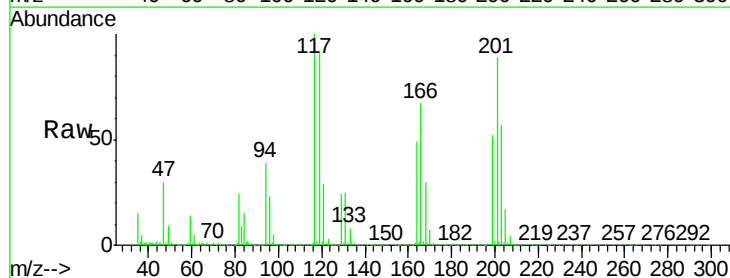
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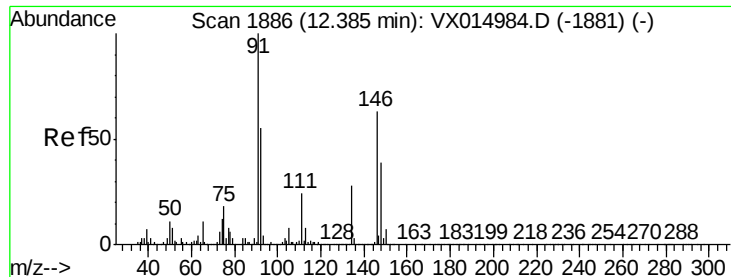
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#86
Hexachloroethane
Concen: 19.630 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54888		
201	85.4	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 19.824 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Instrument :

MSVOA_X

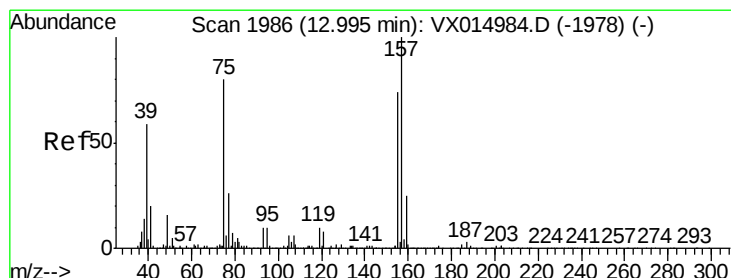
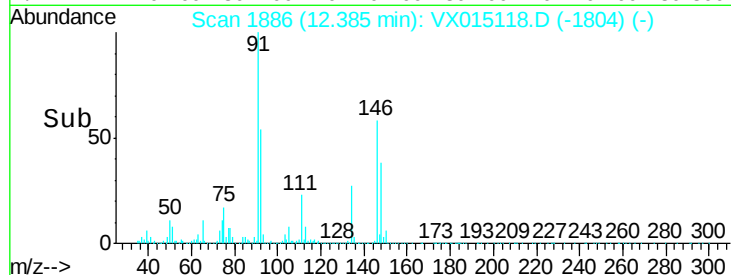
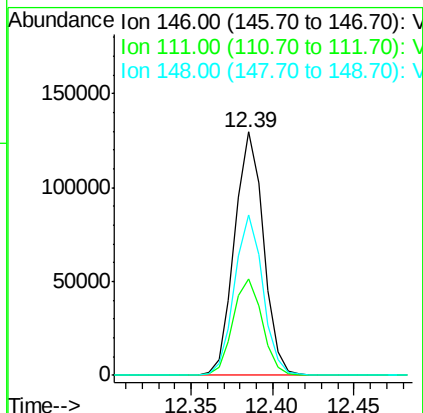
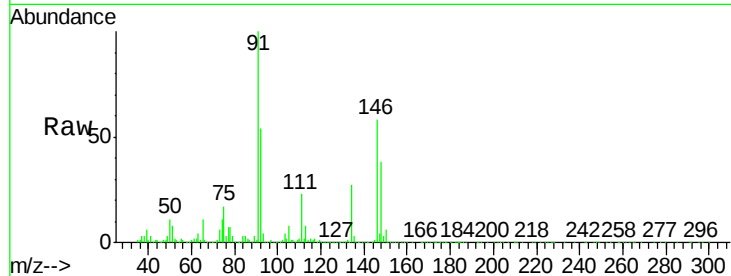
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	160455
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.7	59.1
148	64.4	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.103 ug/l

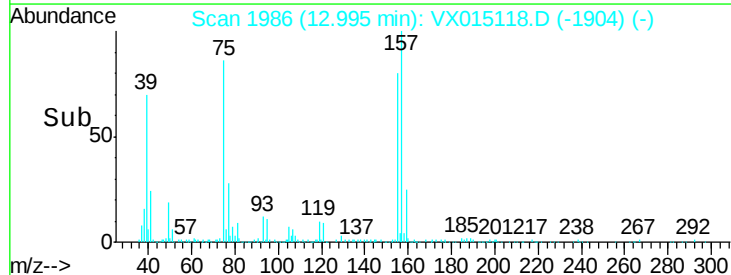
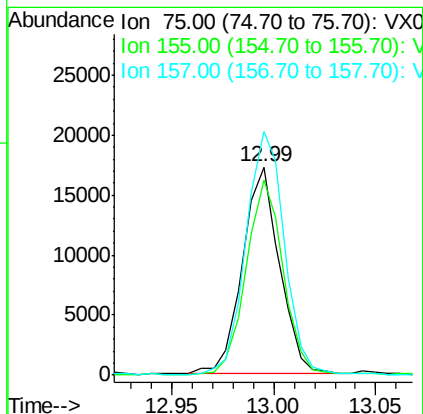
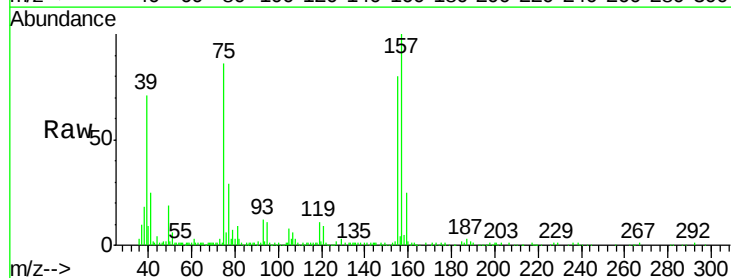
RT: 12.99 min Scan# 1886

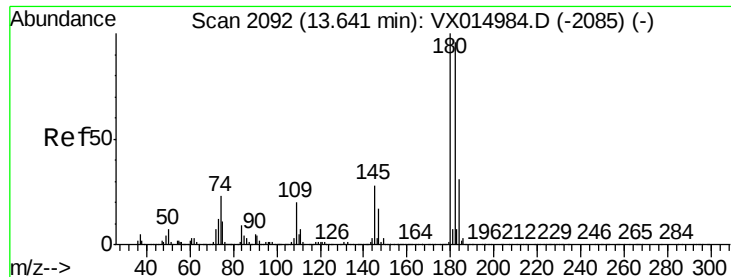
Delta R.T. 0.00 min

Lab File: VX015118.D

Acq: 06 Mar 2020 11:13

Tgt Ion:	75	Resp:	21798
Ion Ratio	Lower	Upper	
75	100		
155	94.3	74.5	111.7
157	123.1	96.2	144.4





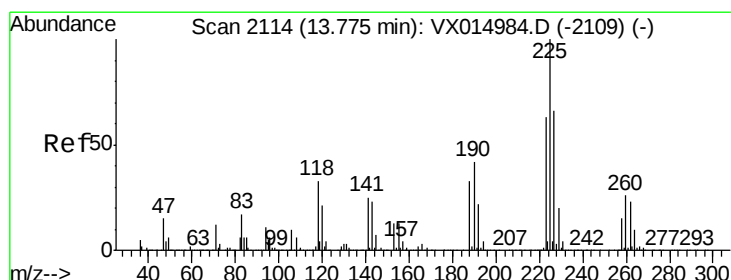
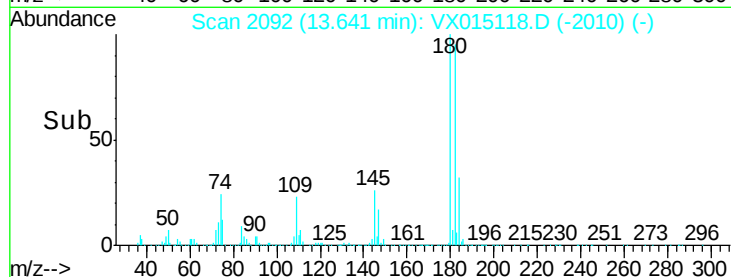
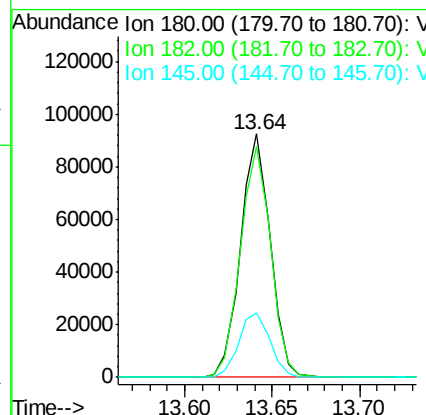
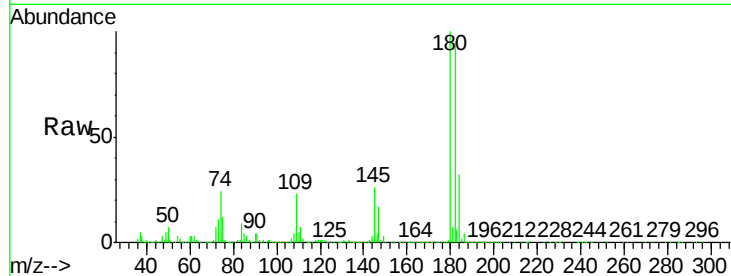
#89
1,2,4-Trichlorobenzene
Concen: 18.814 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
145	27.9	21.8	32.6

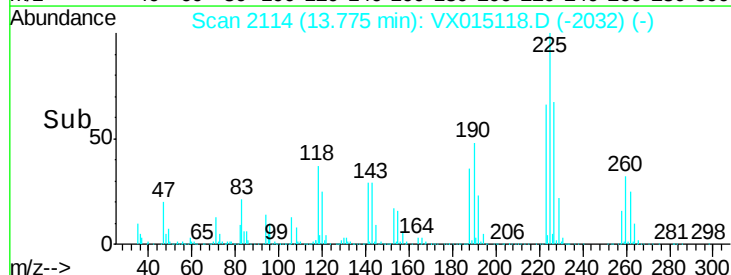
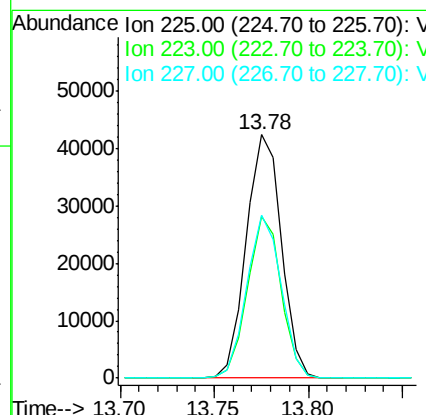
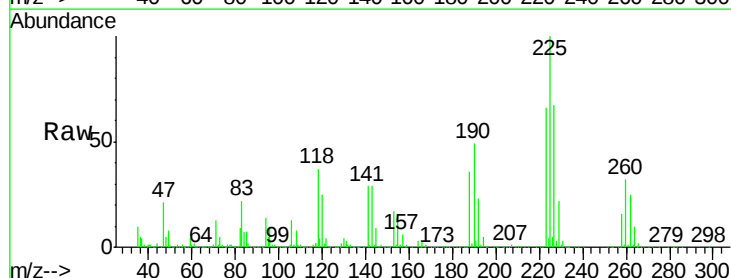
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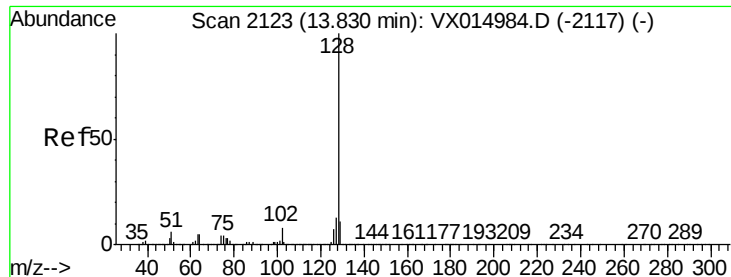
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3/9/2020 9:36:27 AM



#90
Hexachlorobutadiene
Concen: 19.026 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	132.0
227	65.3	0.0	131.0





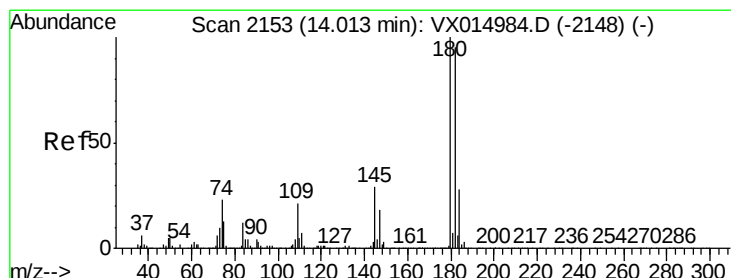
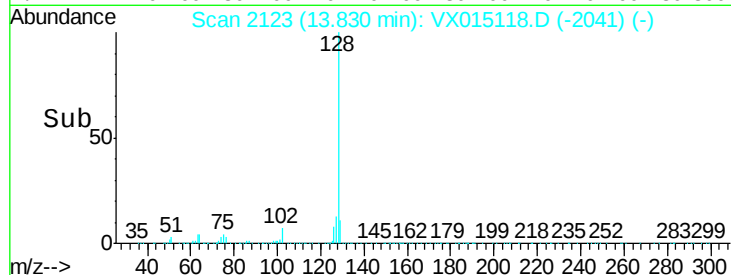
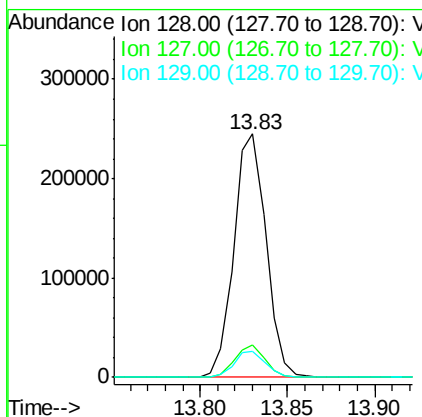
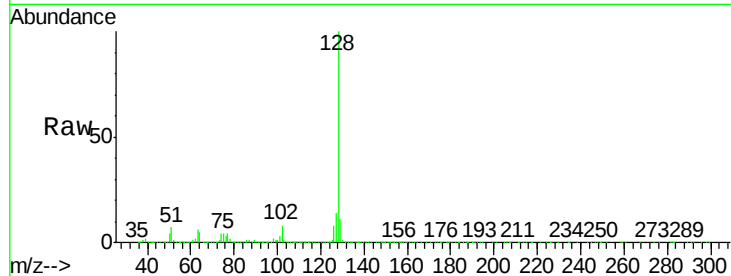
#91
Naphthalene
Concen: 19.004 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.6	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 19.644 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015118.D
Acq: 06 Mar 2020 11:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	192.4
145	30.6	0.0	60.4

