

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015121.D
 Acq On : 06 Mar 2020 13:02
 Operator : JC/SP
 Sample : VX0306WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:35 AM

Quant Time: Mar 07 00:42:14 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	61366	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	320267	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	300853	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	128549	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	139321	29.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.10%
63) Toluene-d8	8.71	98	397393	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	47746	17.424 ug/l	95
3) Chloromethane	1.32	50	74681	21.076 ug/l	97
4) Vinyl Chloride	1.40	62	74759	19.604 ug/l	100
5) Bromomethane	1.65	94	49960	18.708 ug/l	96
6) Chloroethane	1.72	64	49447	19.357 ug/l	97
7) Trichlorofluoromethane	1.93	101	95495	17.206 ug/l	100
8) Diethyl Ether	2.18	74	43380	18.580 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61601	19.197 ug/l	100
10) 1,1-Dichloroethene	2.37	96	61287	18.998 ug/l	98
11) Methyl Iodide	2.50	142	54451	13.892 ug/l	98
12) Methyl Acetate	2.76	43	88849	22.133 ug/l	94
13) Acrolein	2.28	56	82871	103.801 ug/l	100
14) Acrylonitrile	3.13	53	177492	97.905 ug/l	99
15) Acetone	2.44	58	50739	78.206 ug/l	89
16) Carbon Disulfide	2.56	76	154695	17.835 ug/l	100
17) Allyl chloride	2.72	41	117390	20.919 ug/l	87
18) Methylene Chloride	2.85	84	74958	20.167 ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	67818	19.140 ug/l	97
20) Diisopropyl ether	3.84	45	237085	20.688 ug/l	96
21) 1,1-Dichloroethane	3.69	63	126254	20.097 ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	79741	19.666 ug/l	97
23) tert-Butyl Alcohol	3.05	59	72558	100.966 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	217056	20.224 ug/l	99
25) Chloroform	5.20	83	127010	20.048 ug/l	95
26) Cyclohexane	5.57	56	108022	19.239 ug/l	# 97
29) 1,1-Dichloropropene	5.79	75	95278	21.033 ug/l	96
30) 2-Butanone	4.66	43	243344	93.067 ug/l	99
31) 2,2-Dichloropropane	4.56	77	98669	19.836 ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	104761	20.364 ug/l	98
33) Carbon Tetrachloride	5.77	117	90299	20.052 ug/l	97
34) Benzene	6.13	78	282567	20.672 ug/l	98
35) Methacrylonitrile	5.02	41	53832	20.183 ug/l	96
36) 1,2-Dichloroethane	6.18	62	103672	21.427 ug/l	98
37) Trichloroethene	7.20	130	77915	20.302 ug/l	100
38) Methylcyclohexane	7.45	83	110332	19.650 ug/l	98
39) 1,2-Dichloropropane	7.50	63	74741	21.243 ug/l	97
40) Dibromomethane	7.65	93	48519	20.652 ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
 3/9/2020 9:36:35 AM

Quant Time: Mar 07 00:42:14 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)
41) Bromodichloromethane	7.89	83	98691	21.265	ug/l	99
42) Vinyl Acetate	3.80	43	983378	106.850	ug/l	100
43) Ethyl Acetate	4.82	43	93803	19.827	ug/l	96
44) Isopropyl Acetate	6.43	43	158404	19.917	ug/l	99
45) 1,4-Dioxane	7.76	88	33333	453.578	ug/l	98
46) Methyl methacrylate	7.76	41	78384	19.922	ug/l	97
47) n-amyl Acetate	10.89	43	136629	19.830	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	106619	20.707	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	118817	20.960	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	73760	21.073	ug/l	98
51) Ethyl methacrylate	9.17	69	106045	19.629	ug/l	97
52) 1,3-Dichloropropane	9.36	76	126390	21.345	ug/l	99
53) Dibromochloromethane	9.57	129	77906	20.586	ug/l	99
54) 1,2-Dibromoethane	9.67	107	77055	20.734	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	290018	100.778	ug/l	98
56) Bromoform	10.85	173	57591	19.413	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	494113	100.214	ug/l	99
59) 2-Hexanone	9.48	43	360491	93.574	ug/l	99
61) Tetrachloroethene	9.33	164	80472	19.915	ug/l	96
62) Toluene	8.78	91	305838	19.847	ug/l	98
64) Chlorobenzene	10.13	112	195440	19.870	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	73581	20.196	ug/l	99
66) Ethyl Benzene	10.25	91	336832	19.843	ug/l	97
67) m/p-Xylenes	10.35	106	256811	39.233	ug/l	99
68) o-Xylene	10.70	106	122256	19.303	ug/l	99
69) Styrene	10.71	104	208995	19.321	ug/l	99
70) Isopropylbenzene	11.01	105	329796	19.603	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	109277	20.174	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	90726m	20.192	ug/l	
73) Bromobenzene	11.25	156	87848	19.325	ug/l	94
74) n-propylbenzene	11.35	91	388631	20.296	ug/l	98
75) 2-Chlorotoluene	11.42	91	231234	20.435	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	275025	19.506	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	32491	17.933	ug/l	96
78) 4-Chlorotoluene	11.51	91	263534	20.134	ug/l	100
79) tert-butylbenzene	11.76	119	266422	19.558	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	277924	19.827	ug/l	99
81) sec-Butylbenzene	11.94	105	326819	20.034	ug/l	100
82) p-Isopropyltoluene	12.06	119	298446	19.693	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	157249	19.733	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	157912	19.678	ug/l	98
85) n-Butylbenzene	12.38	91	263559	19.985	ug/l	98
86) Hexachloroethane	12.59	117	52825	19.284	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	160533	20.244	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	21117	17.900	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	110152	19.317	ug/l	99
90) Hexachlorobutadiene	13.77	225	57167	20.186	ug/l	94
91) Naphthalene	13.83	128	312642	19.365	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	112895	19.940	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0306WBSD01

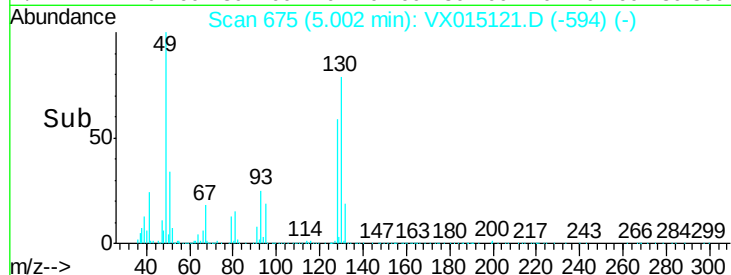
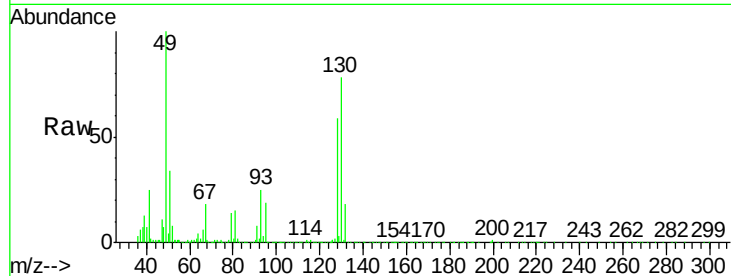
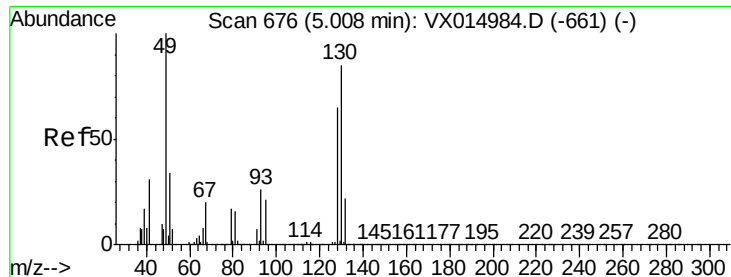
Manual Integrations
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3/9/2020 9:36:35 AM

Quant Time: Mar 07 00:42:14 2020
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QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

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



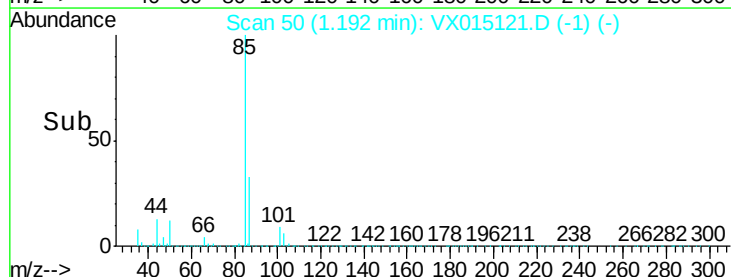
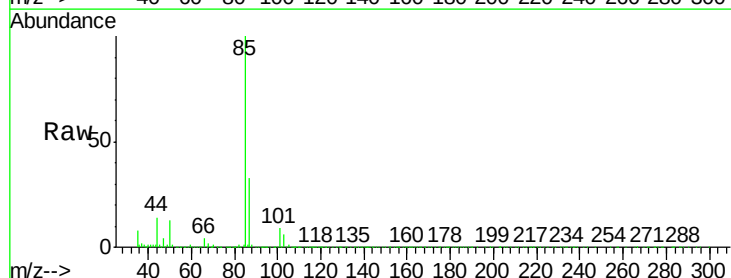
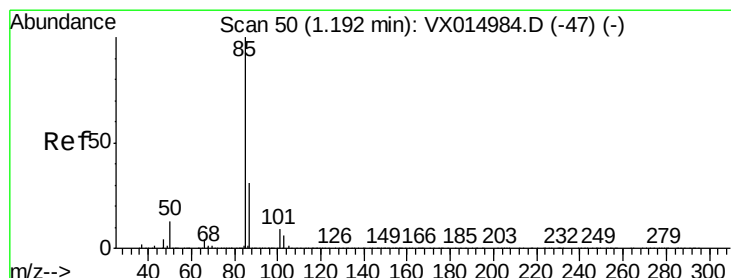
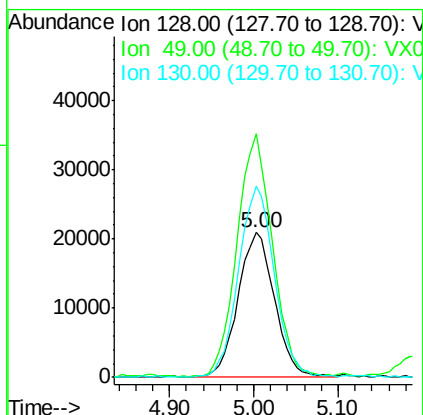
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	384.7
130	129.3	0.0	330.8

Instrument :
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ClientSampleId :
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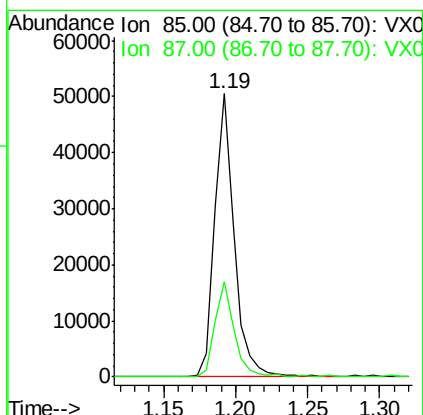
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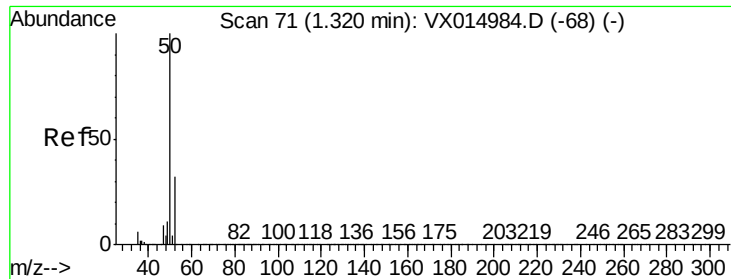
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#2
Dichlorodifluoromethane
Concen: 17.424 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.3	45.9





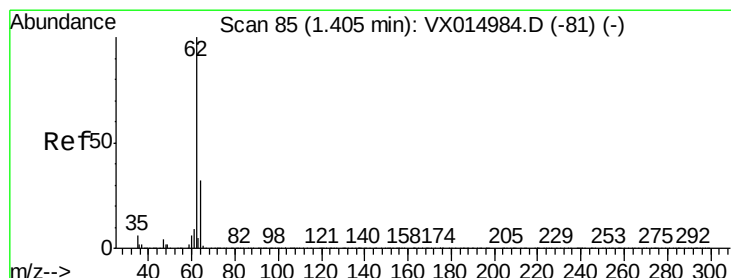
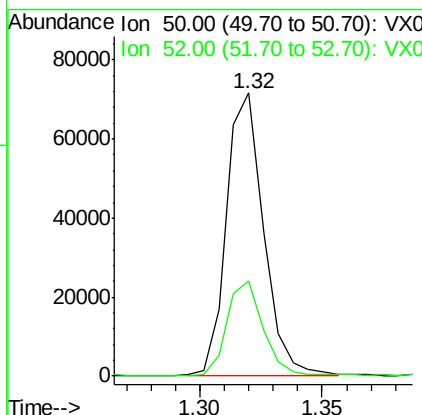
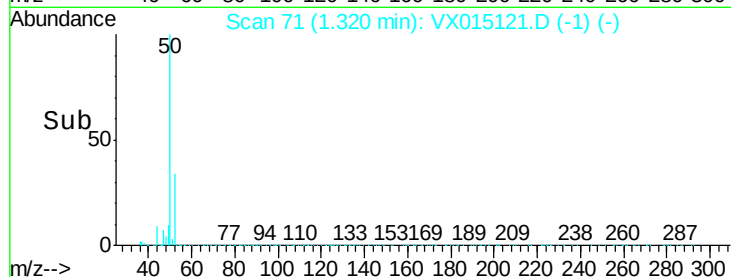
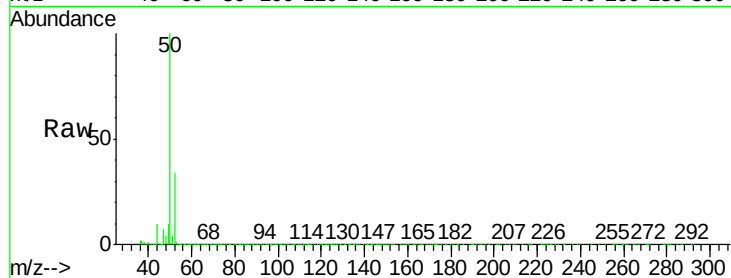
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Chloromethane
Concen: 21.076 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion: 50 Resp: 74681
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0

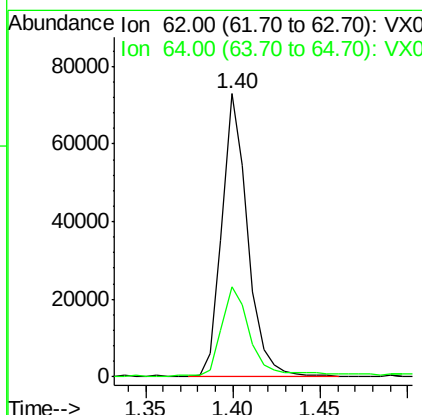
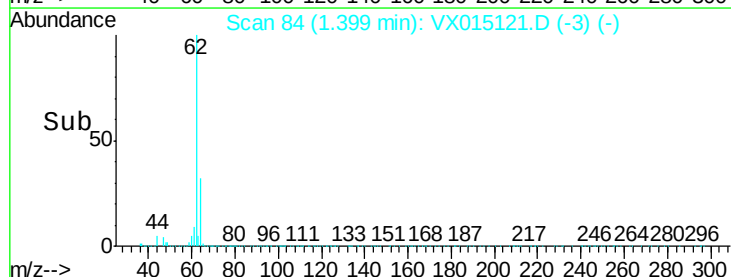
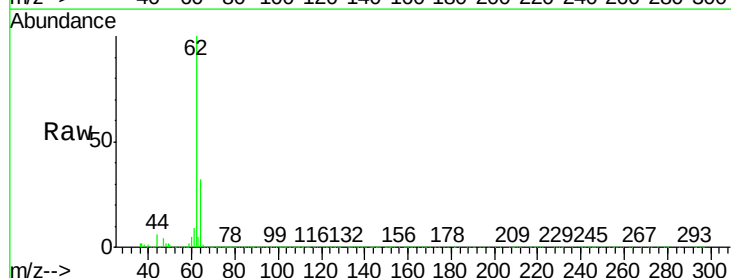
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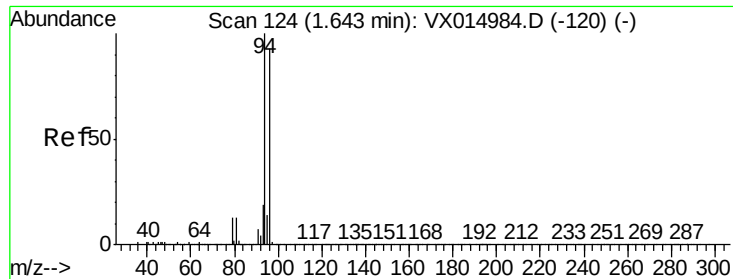
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#4
Vinyl Chloride
Concen: 19.604 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 62 Resp: 74759
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5

Bromomethane

Concen: 18.708 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion: 94 Resp: 49960

Ion Ratio Lower Upper

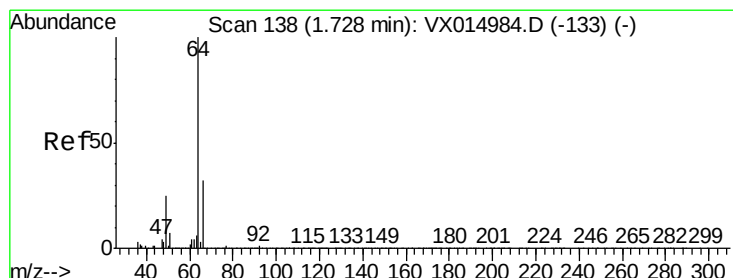
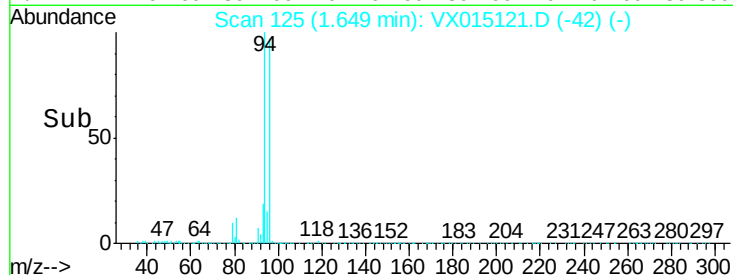
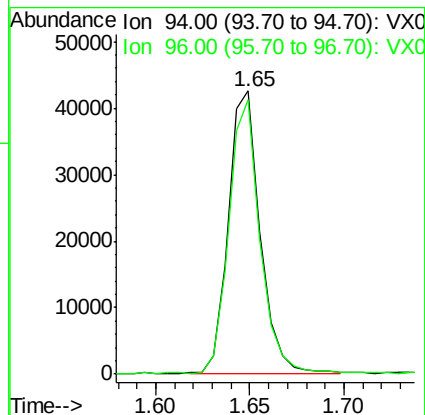
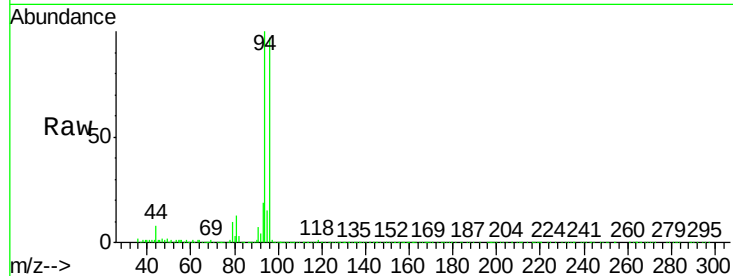
94 100

96 97.2 74.6 112.0

Manual Integrations
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3/9/2020 9:36:35 AM



#6

Chloroethane

Concen: 19.357 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015121.D

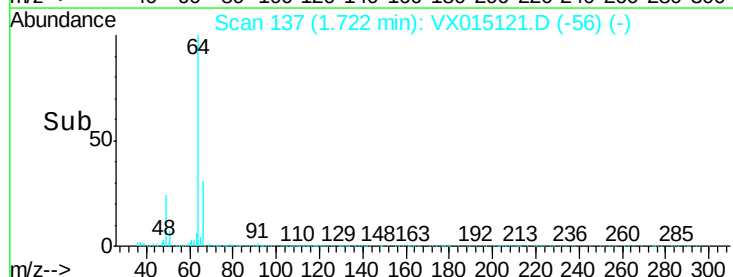
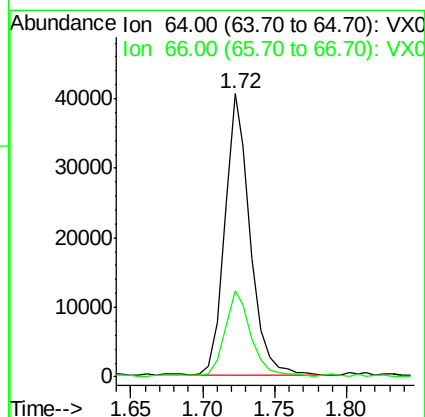
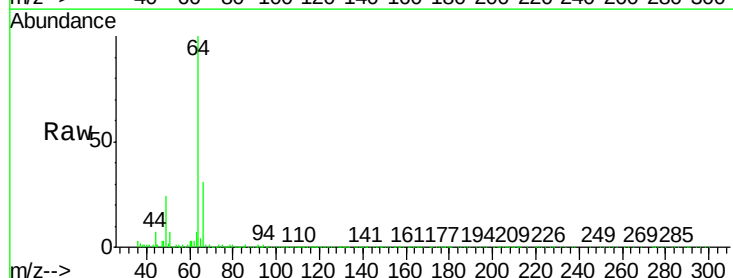
Acq: 06 Mar 2020 13:02

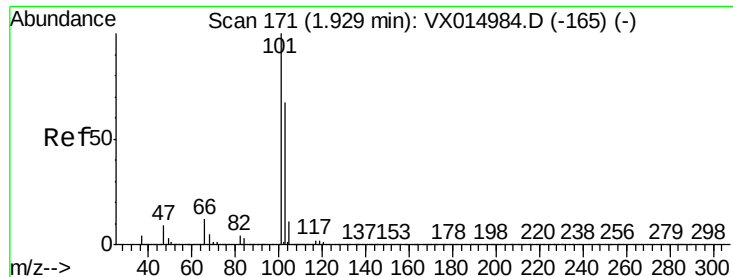
Tgt Ion: 64 Resp: 49447

Ion Ratio Lower Upper

64 100

66 30.3 25.8 38.6





#7

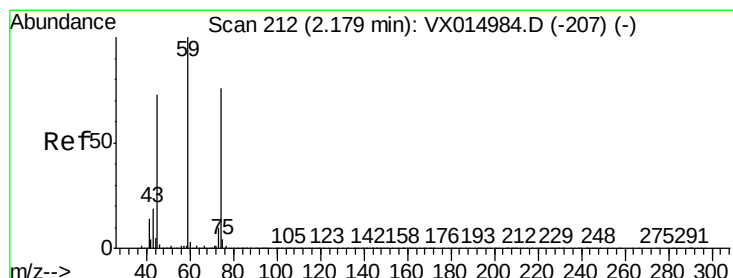
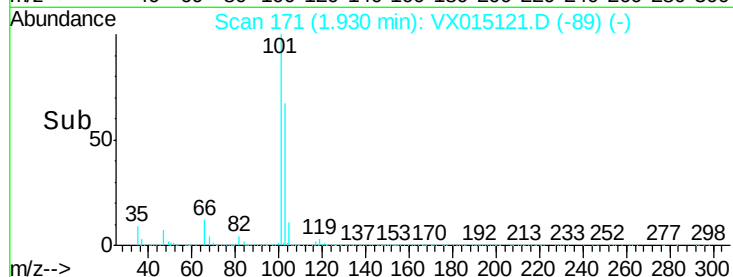
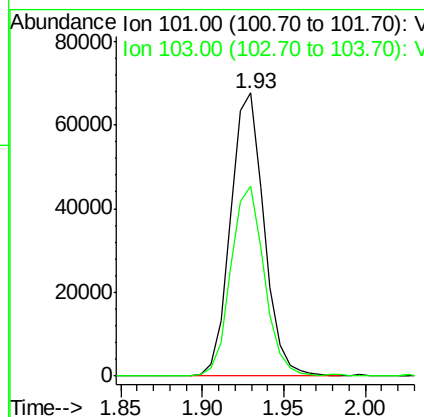
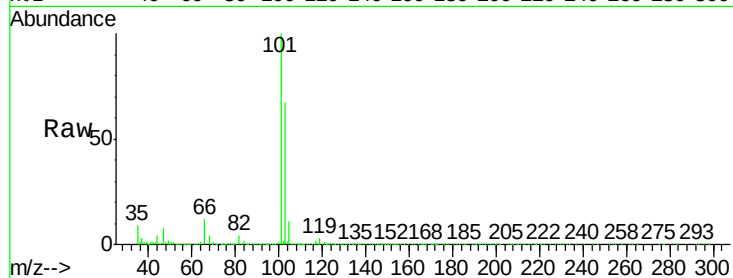
Trichlorofluoromethane
Concen: 17.206 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	53.4	80.2

Manual Integrations
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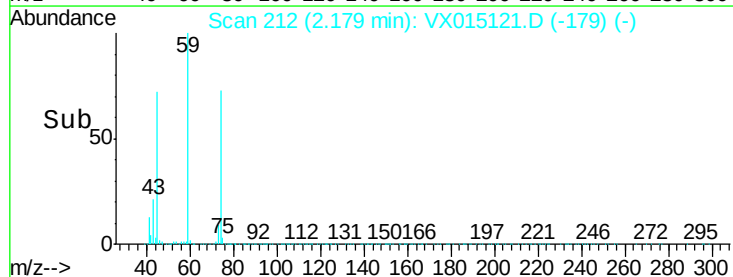
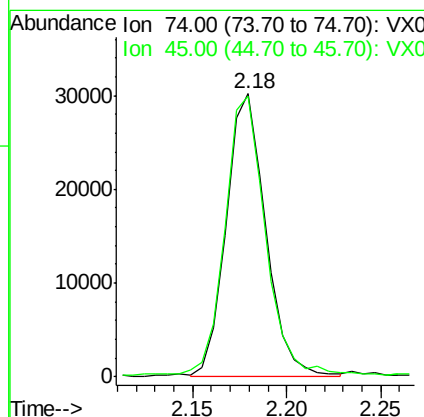
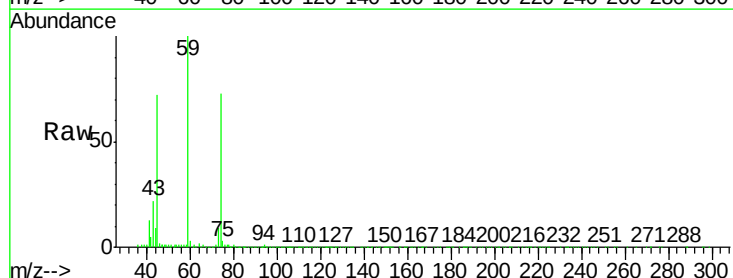
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3/9/2020 9:36:35 AM

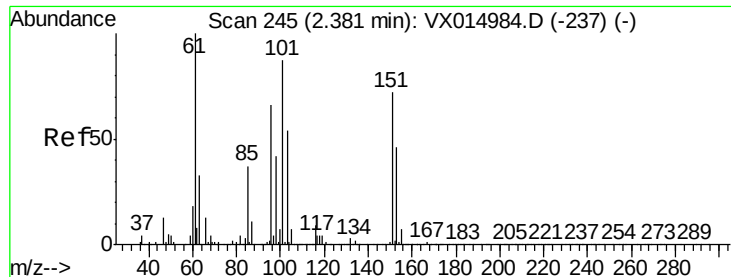


#8

Diethyl Ether
Concen: 18.580 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.197 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

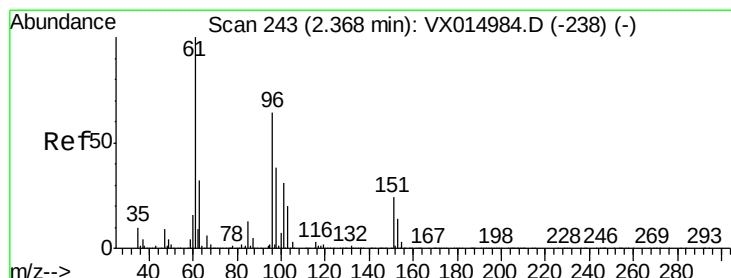
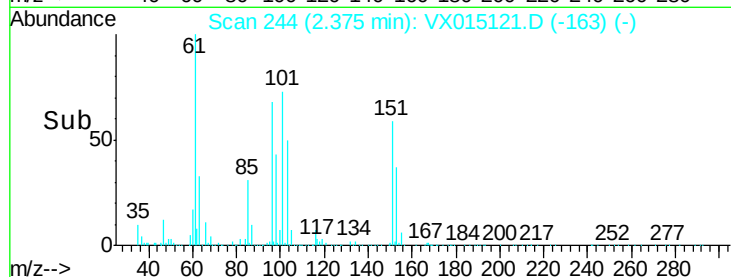
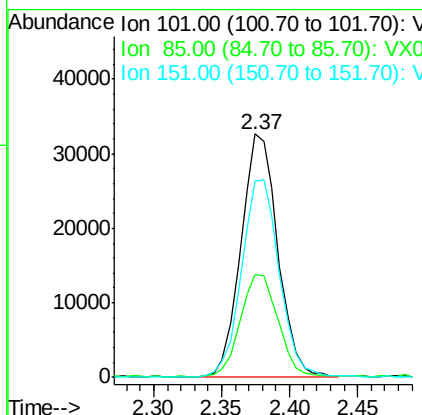
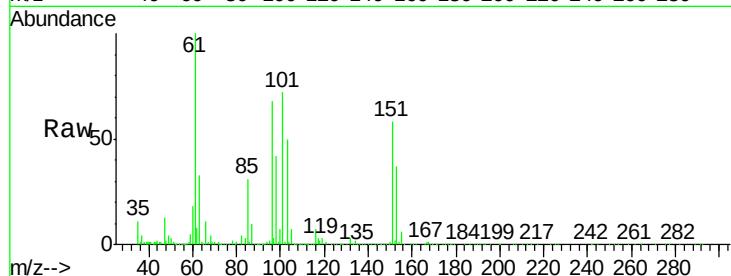
ClientSampleId :

VX0306WBSD01

Tot Ion:	101	Resp:	61601
Ion Ratio	Lower	Upper	
101	100		
85	43.0	0.0	86.6
151	84.0	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 18.998 ug/l

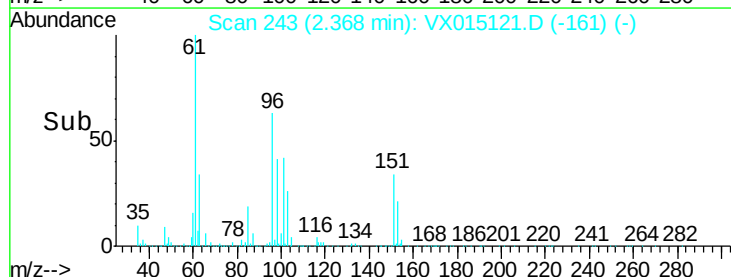
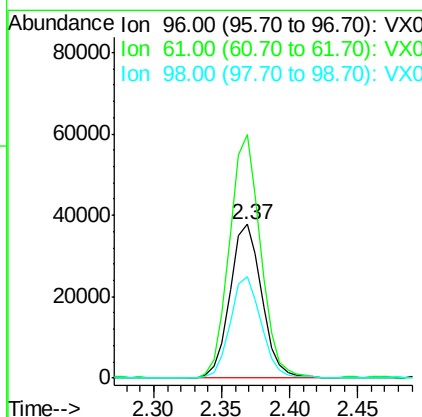
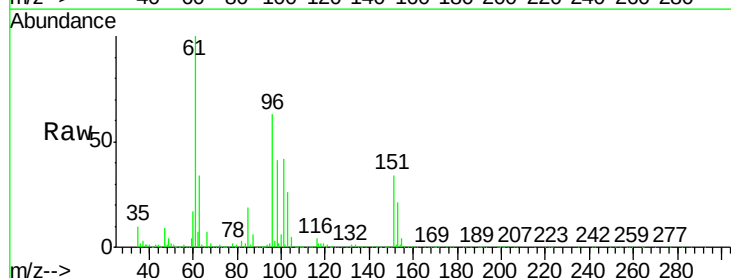
RT: 2.37 min Scan# 243

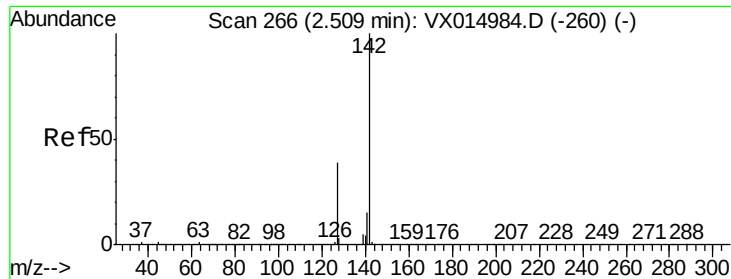
Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	96	Resp:	61287
Ion Ratio	Lower	Upper	
96	100		
61	158.5	126.1	189.1
98	65.6	48.2	72.2





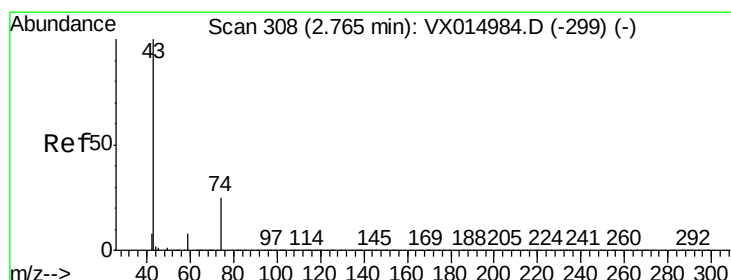
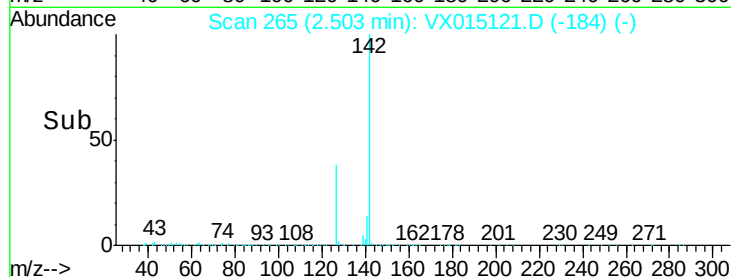
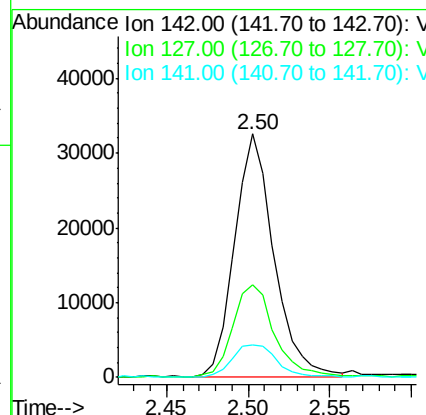
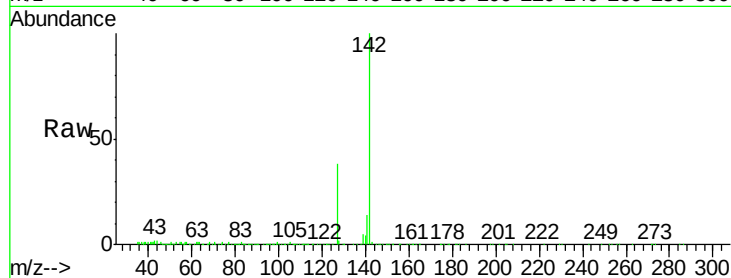
#11
Methvl Iodide
Concen: 13.892 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.1	19.7	59.0
141	13.5	7.4	22.2

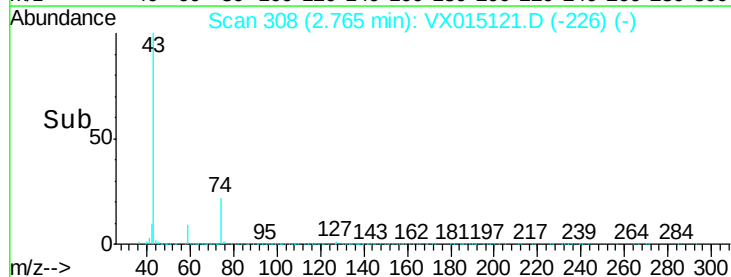
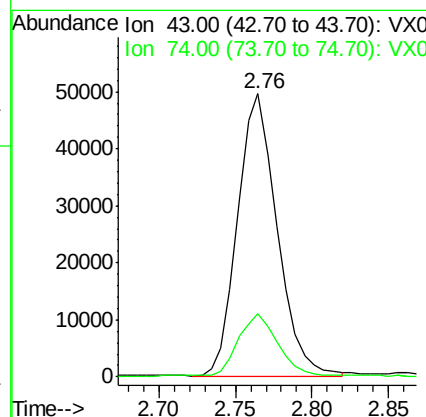
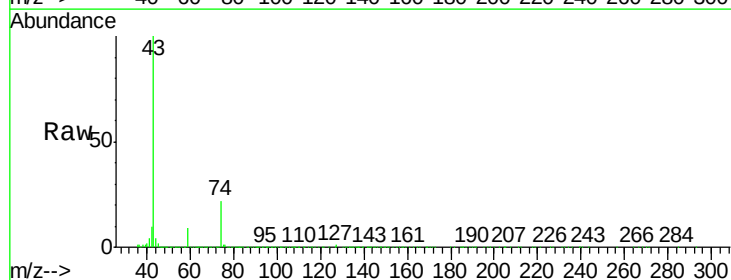
Manual Integrations
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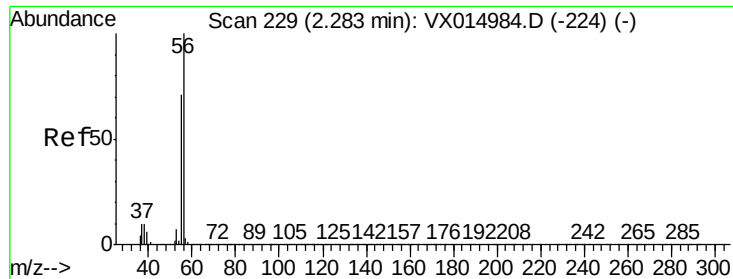
MMDadoda
3/9/2020 9:36:35 AM



#12
Methyl Acetate
Concen: 22.133 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.8	29.8





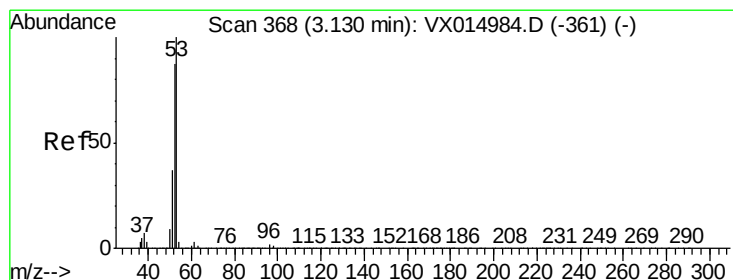
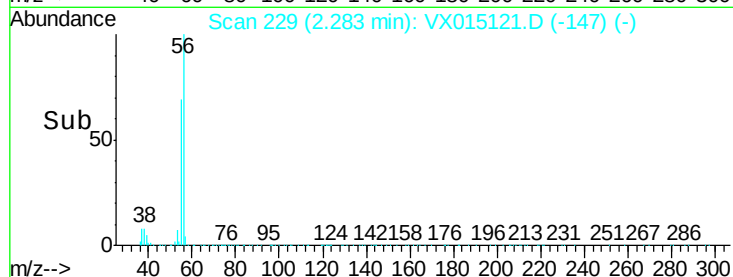
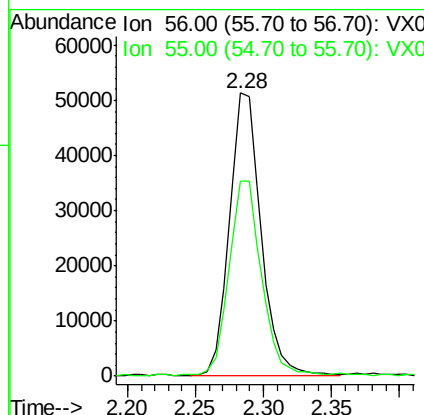
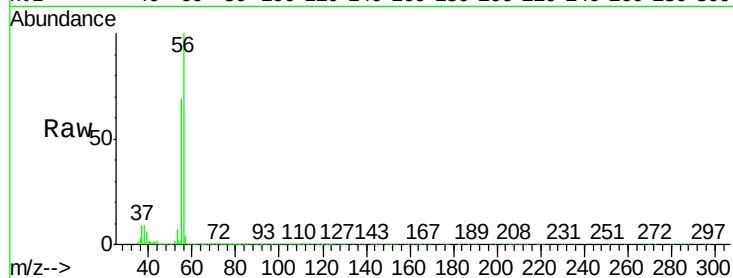
#13
Acrolein
Concen: 103.801 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	56	Resp	82871
Ion Ratio	100	Lower	Upper
56	100		
55	70.1	56.2	84.2

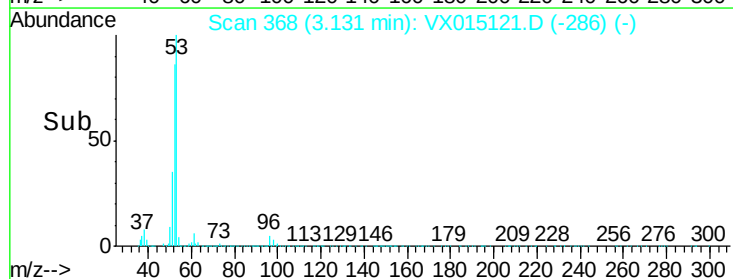
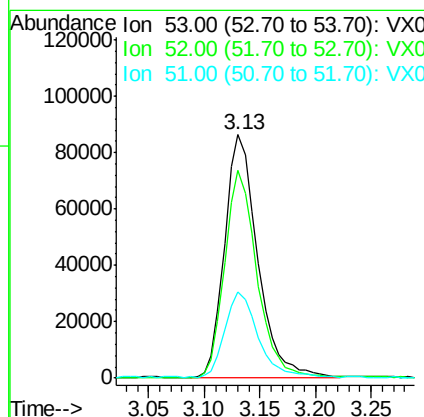
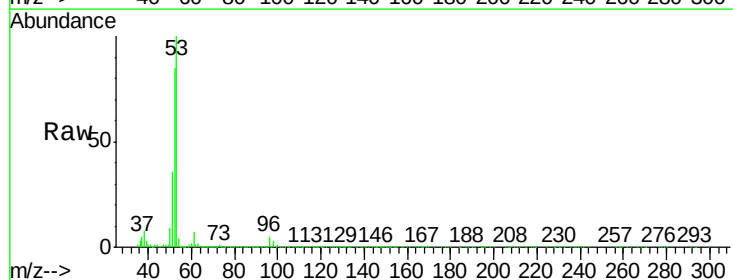
Manual Integrations
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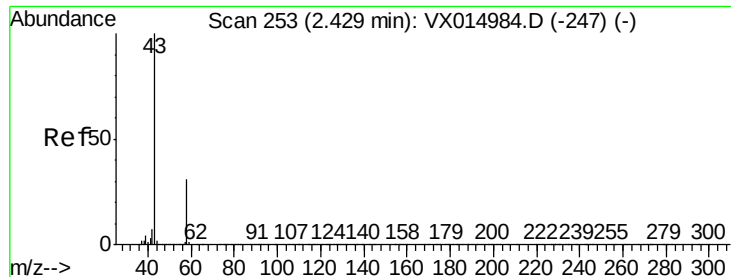
MMDadoda
3/9/2020 9:36:35 AM



#14
Acrylonitrile
Concen: 97.905 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	53	Resp	177492
Ion Ratio	100	Lower	Upper
53	100		
52	83.3	41.5	124.6
51	35.2	18.1	54.4





#15

Acetone

Concen: 78.206 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion: 58 Resp: 50739

Ion Ratio Lower Upper

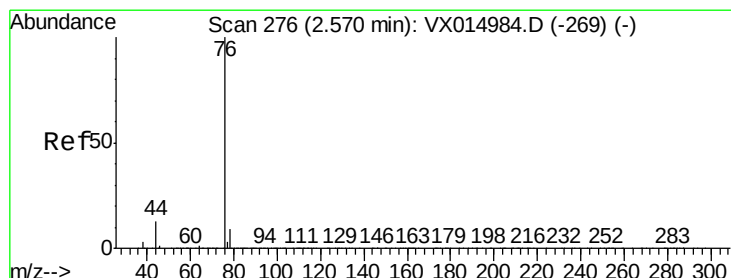
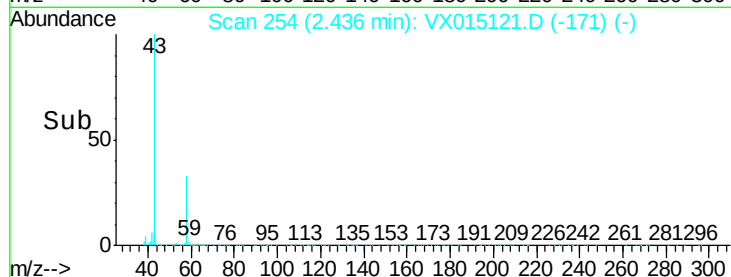
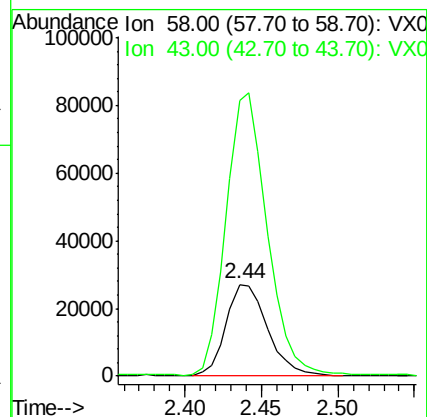
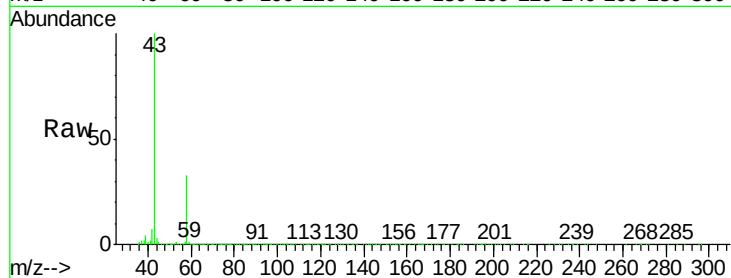
58 100

43 299.6 257.7 386.5

Manual Integrations
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MMDadoda

3/9/2020 9:36:35 AM



#16

Carbon Disulfide

Concen: 17.835 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015121.D

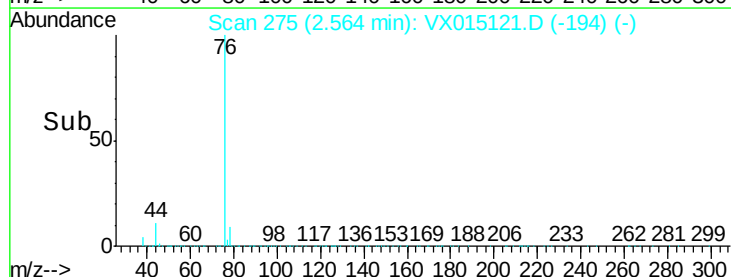
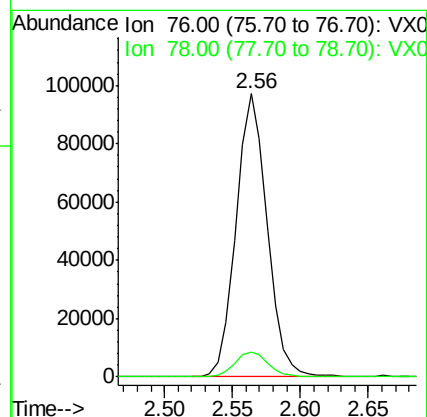
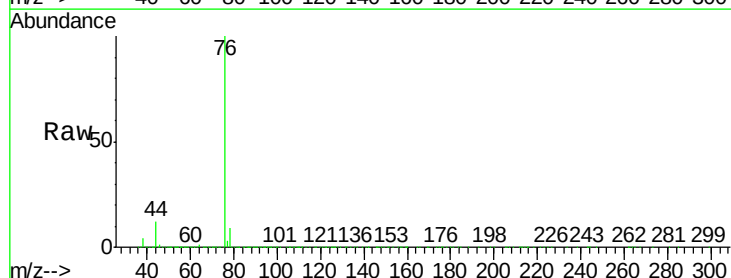
Acq: 06 Mar 2020 13:02

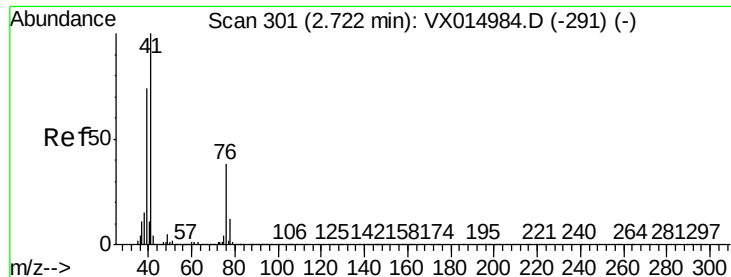
Tgt Ion: 76 Resp: 154695

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7





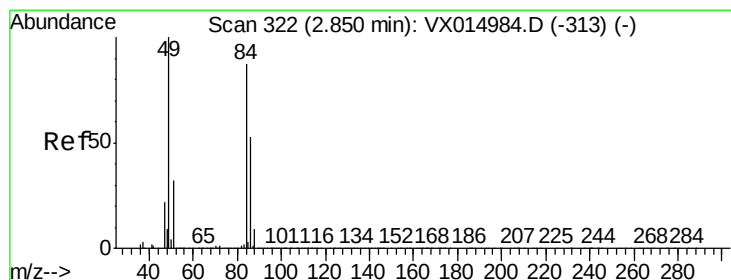
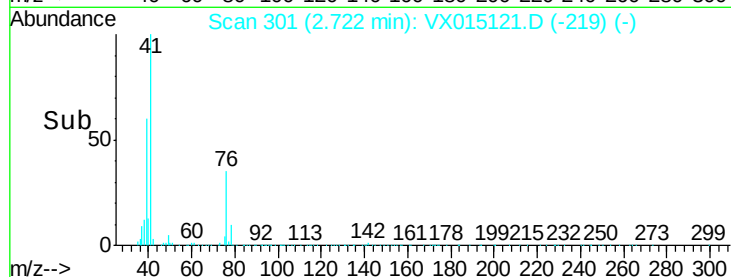
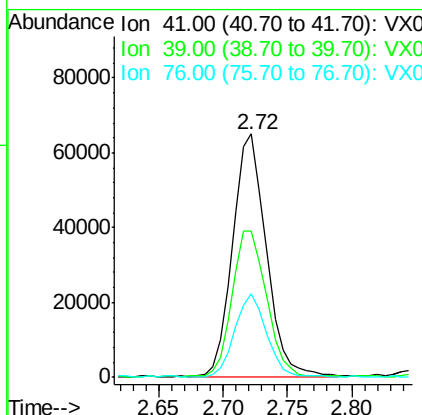
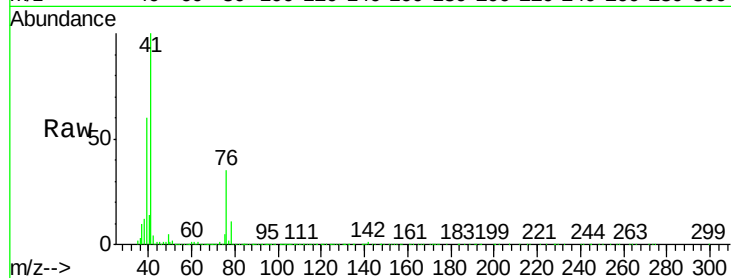
#17
 Allvl chloride
 Concen: 20.919 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	117390		
39	60.0		37.1	111.5
76	34.4		18.8	56.4

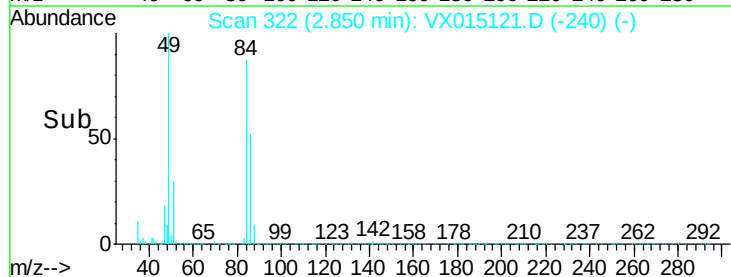
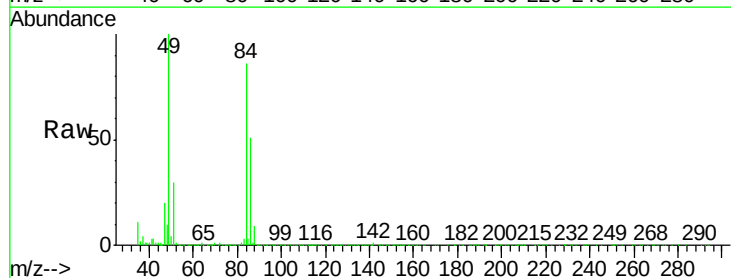
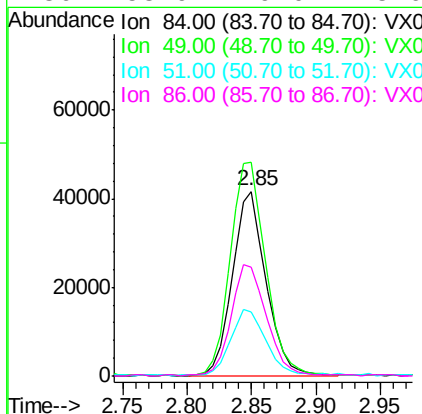
Manual Integrations
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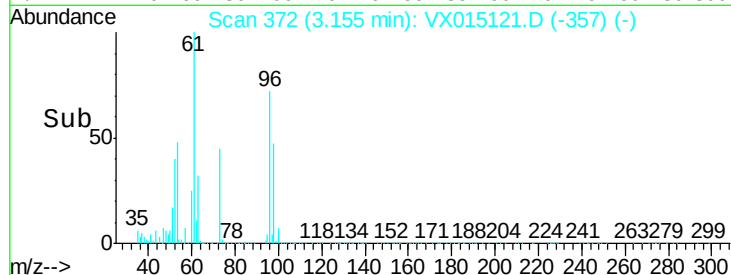
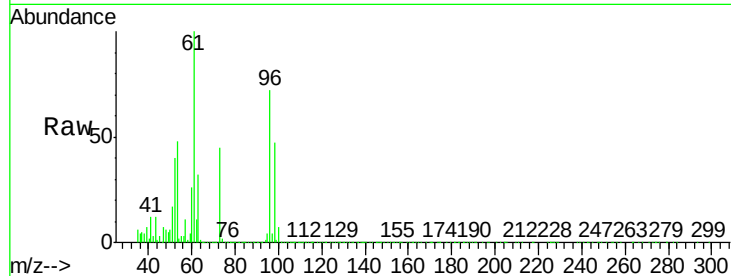
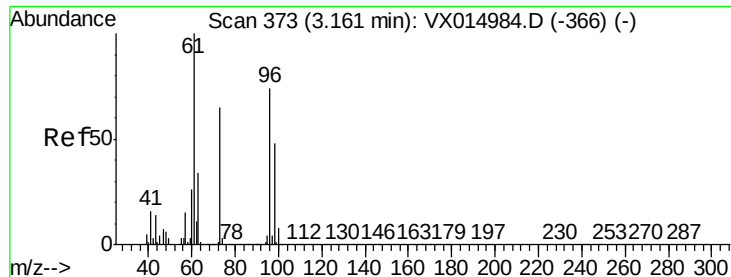
MMDadoda
 3/9/2020 9:36:35 AM



#18
 Methylene Chloride
 Concen: 20.167 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	74958		
49	115.7		92.2	138.2
51	34.4		29.7	44.5
86	58.9		49.0	73.6





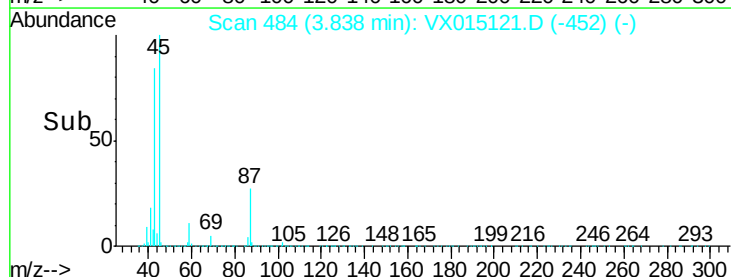
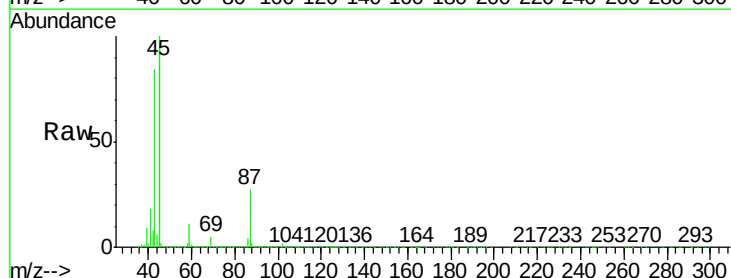
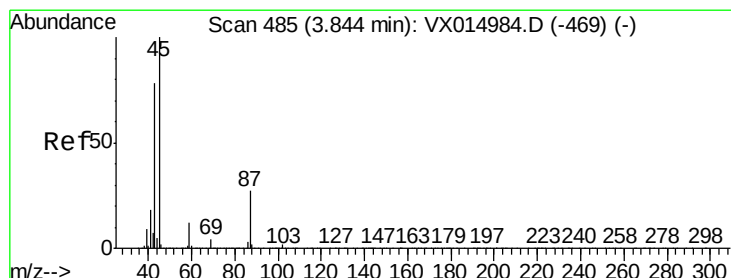
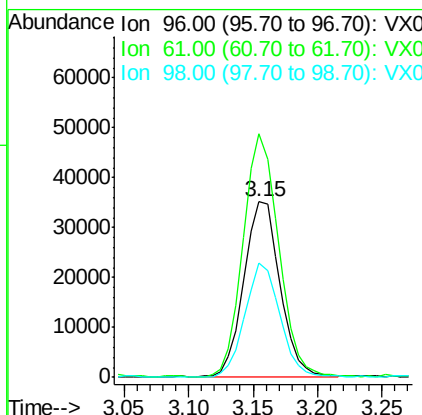
#19
trans-1,2-Dichloroethene
Concen: 19.140 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	107.1	160.7
98	65.5	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

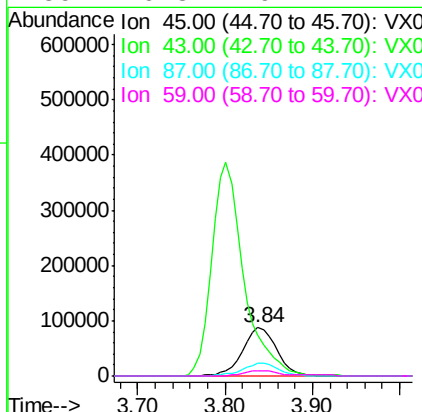
Manual Integrations
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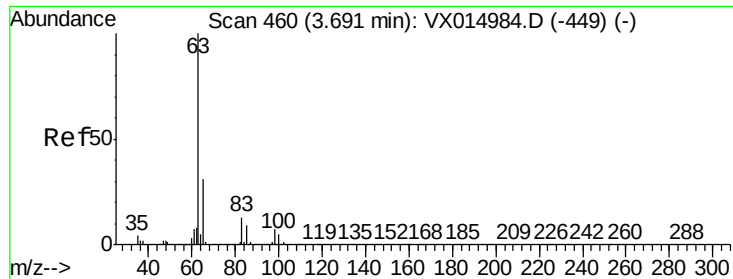
MMDadoda
3/9/2020 9:36:35 AM



#20
Diisopropyl ether
Concen: 20.688 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	82.6	62.3	93.5
87	26.7	21.8	32.6
59	10.8	9.4	14.2





#21

1,1-Dichloroethane

Concen: 20.097 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

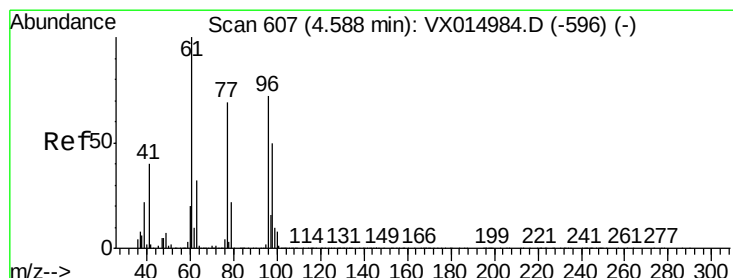
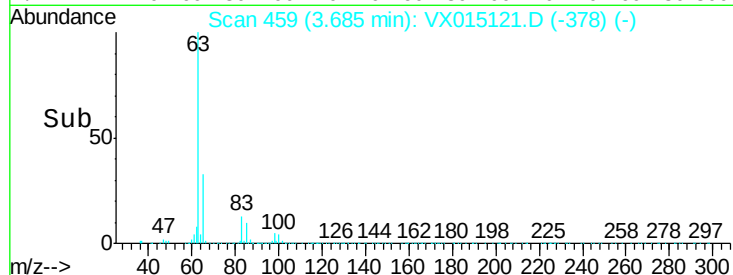
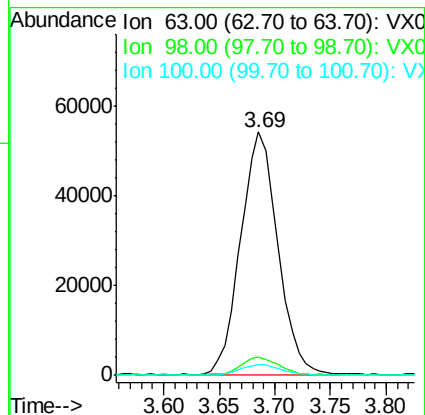
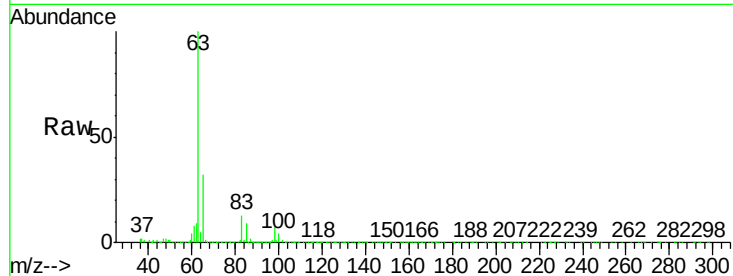
ClientSampleId :

VX0306WBSD01

Tot Ion:	63	Resp:	126254
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.5	10.5
100	4.2	2.5	7.5

Manual Integrations
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3/9/2020 9:36:35 AM



#22

cis-1,2-Dichloroethene

Concen: 19.666 ug/l

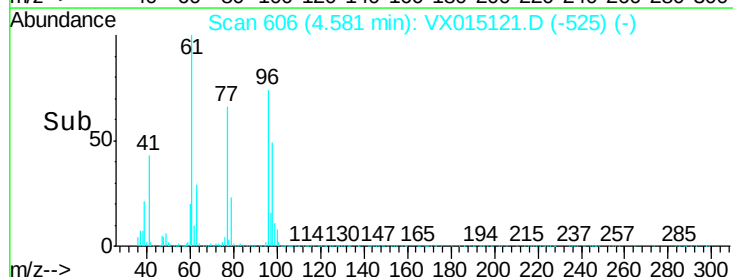
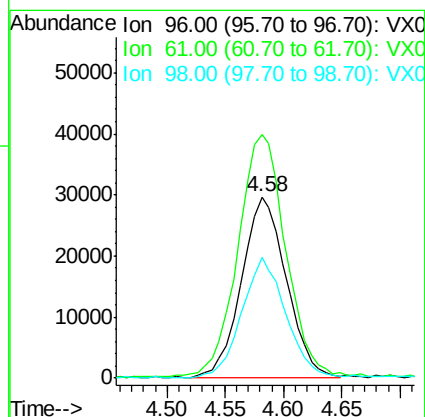
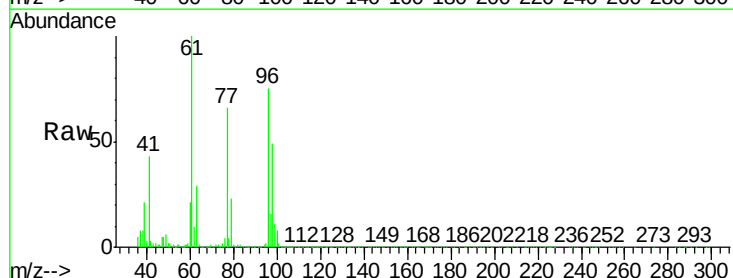
RT: 4.58 min Scan# 606

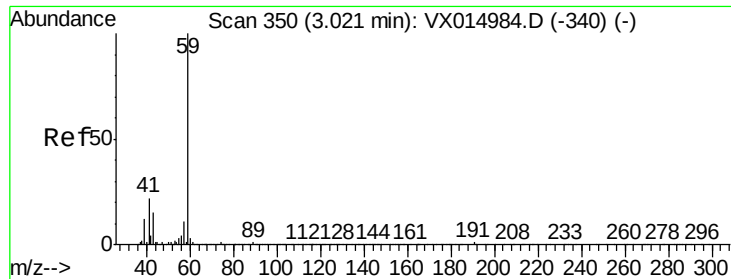
Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	96	Resp:	79741
Ion Ratio	Lower	Upper	
96	100		
61	142.1	110.6	165.8
98	65.1	50.4	75.6





#23

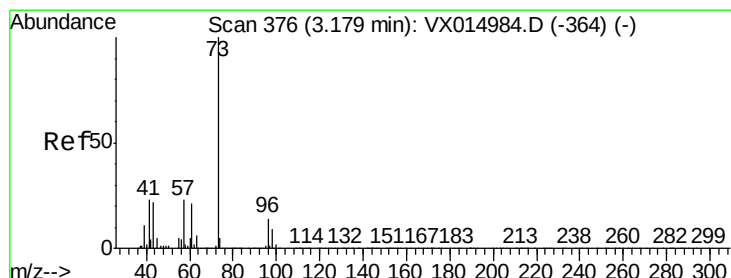
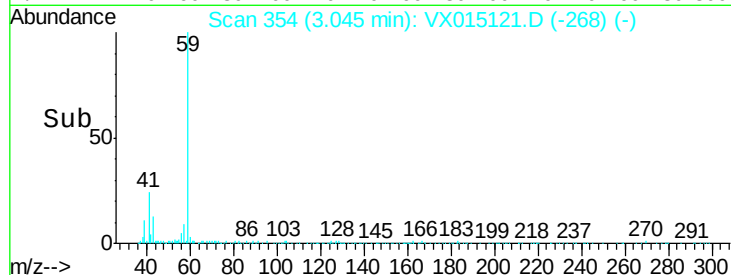
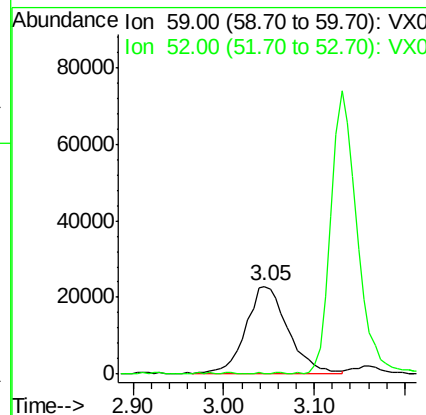
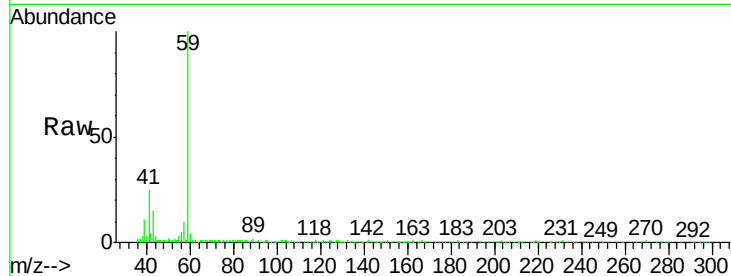
tert-Butyl Alcohol
Concen: 100.966 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.02 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion: 59 Resp: 72558
Ion Ratio Lower Upper
59 100
52 0.2 0.4 0.6#

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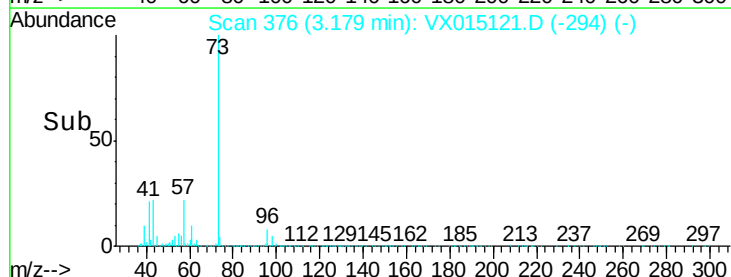
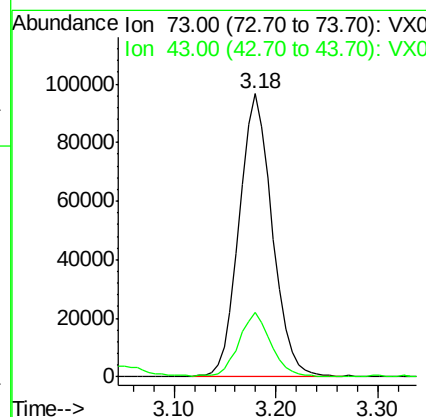
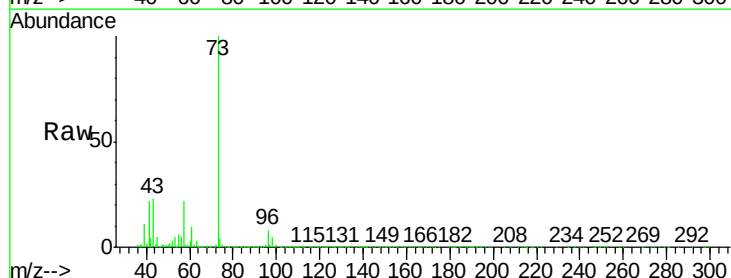
MMDadoda
3/9/2020 9:36:35 AM

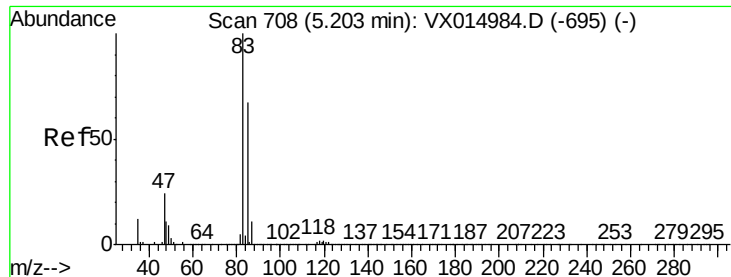


#24

Methyl tert-Butyl Ether
Concen: 20.224 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 73 Resp: 217056
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5





#25

Chloroform

Concen: 20.048 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion: 83 Resp: 127010

Ion Ratio Lower Upper

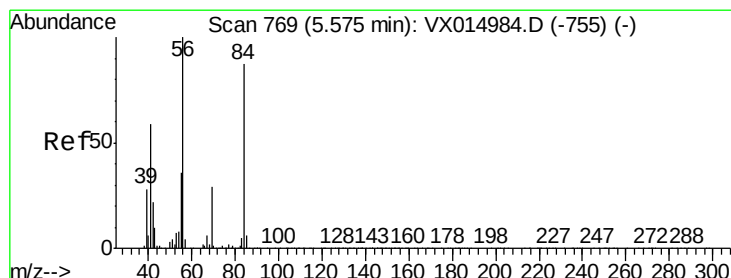
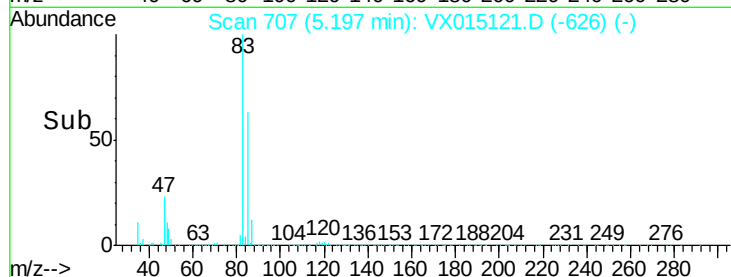
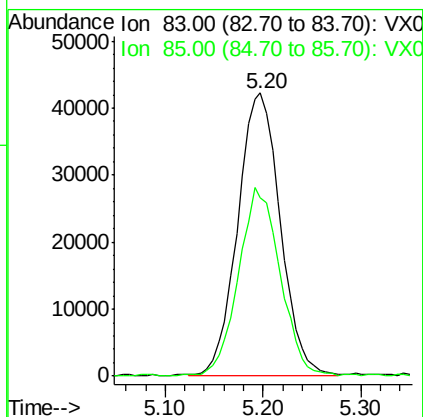
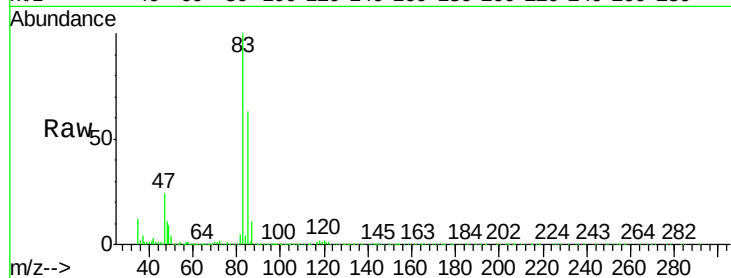
83 100

85 62.9 53.4 80.0

Manual Integrations
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MMDadoda

3/9/2020 9:36:35 AM



#26

Cyclohexane

Concen: 19.239 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

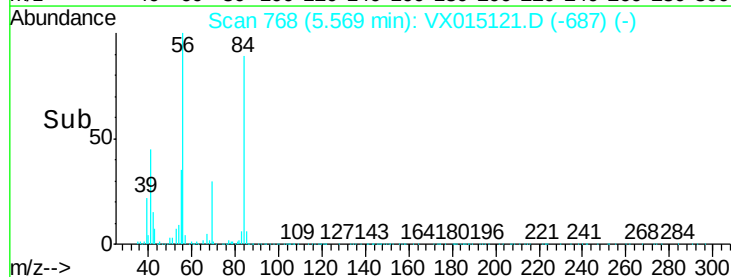
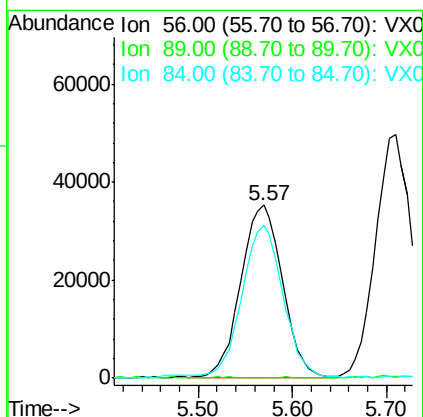
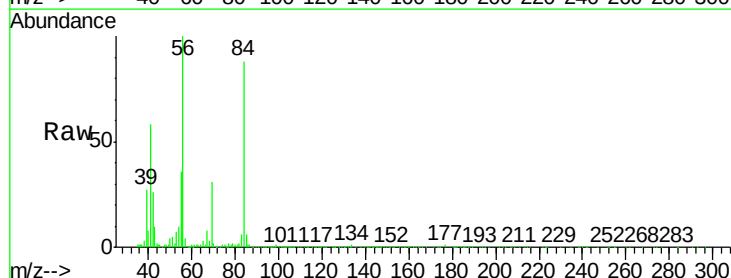
Tgt Ion: 56 Resp: 108022

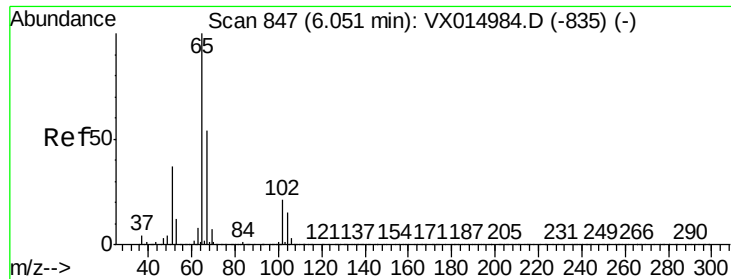
Ion Ratio Lower Upper

56 100

89 0.2 0.2 0.2#

84 87.3 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 30.125 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion: 65 Resp: 128549

Ion Ratio Lower Upper

65 100

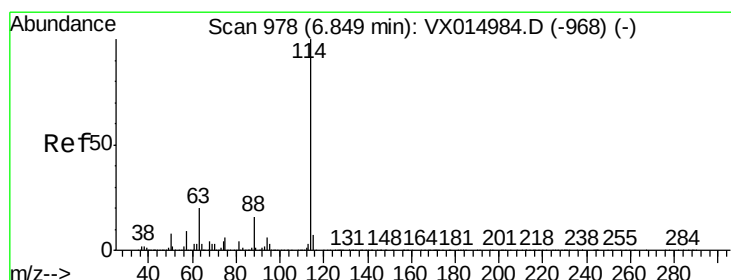
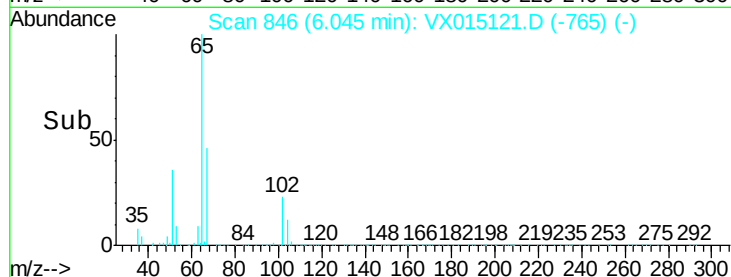
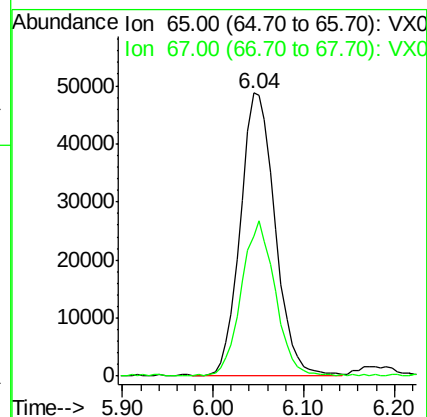
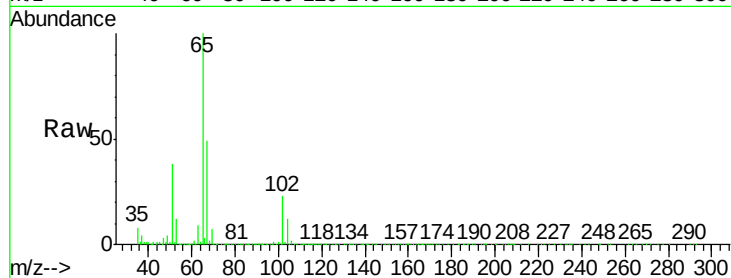
67 52.4 41.9 62.9

Manual Integrations

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3/9/2020 9:36:35 AM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

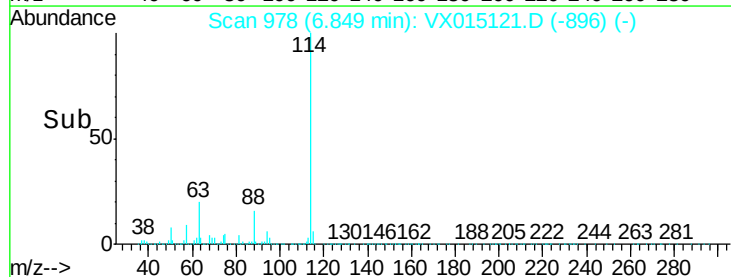
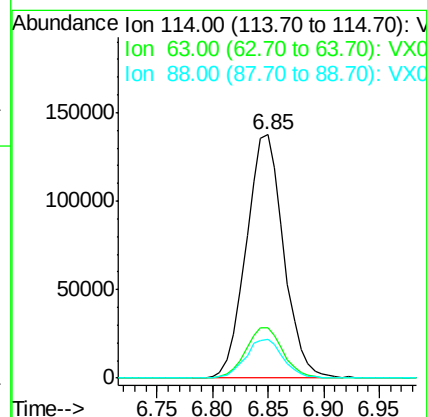
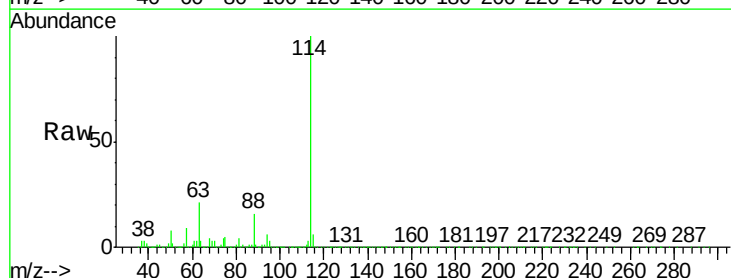
Tgt Ion: 114 Resp: 320267

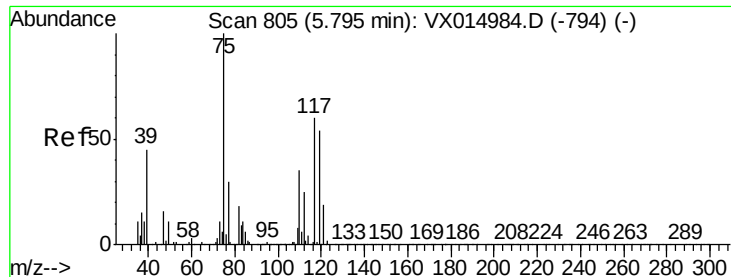
Ion Ratio Lower Upper

114 100

63 20.6 15.6 23.4

88 16.0 12.2 18.2





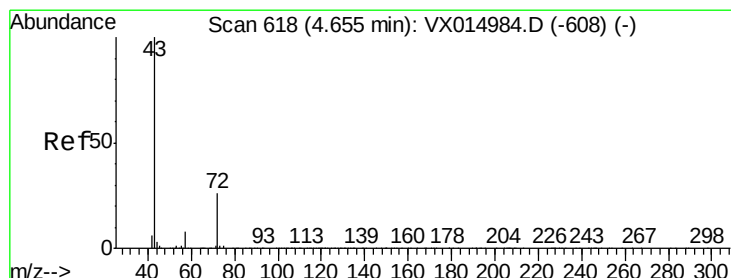
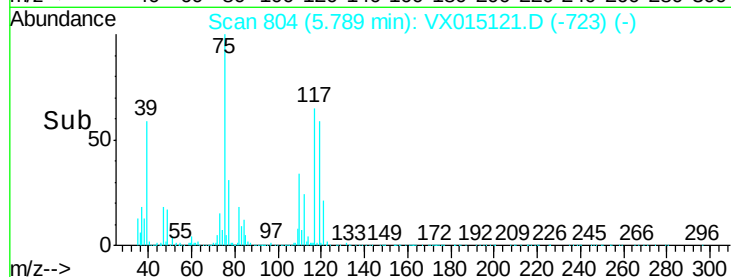
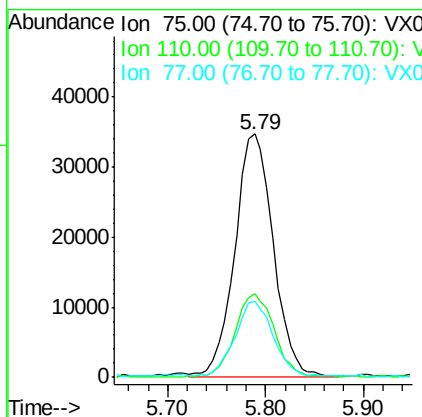
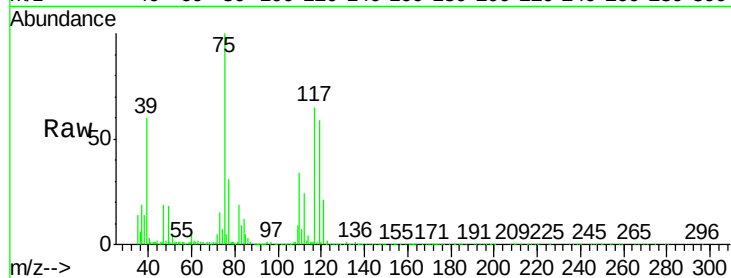
#29
 1,1-Dichloropropene
 Concen: 21.033 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.5	0.0	75.0
77	30.1	0.0	64.0

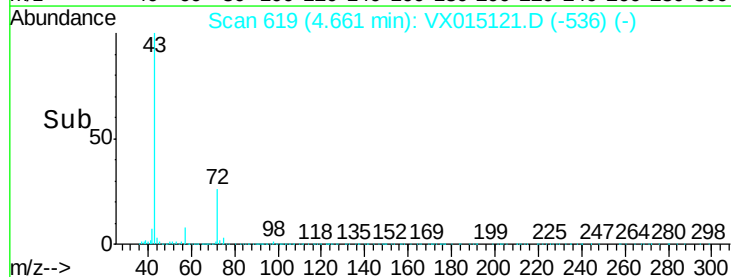
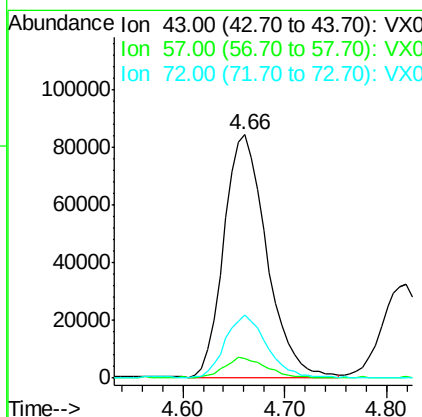
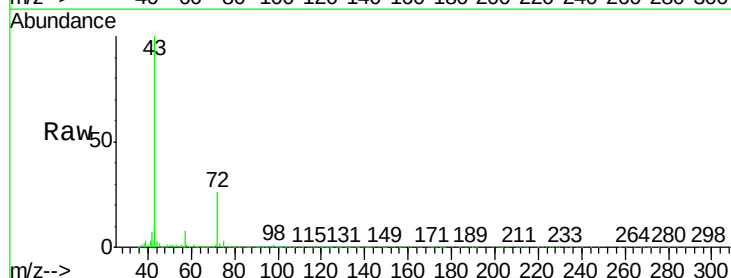
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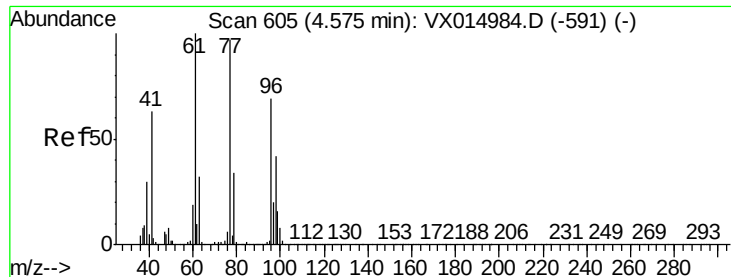
MMDadoda
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#30
 2-Butanone
 Concen: 93.067 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	24.9	20.3	30.5





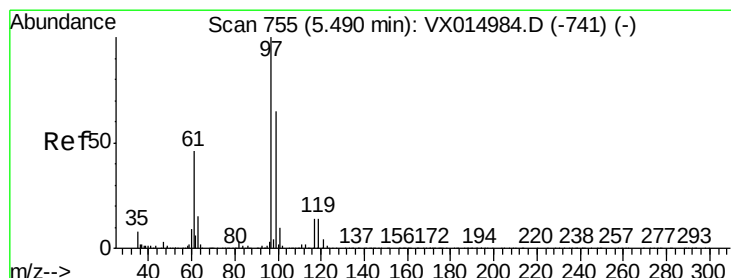
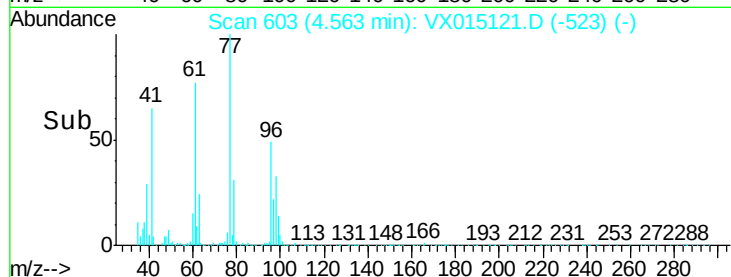
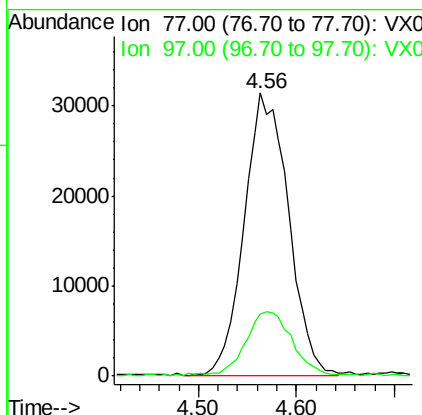
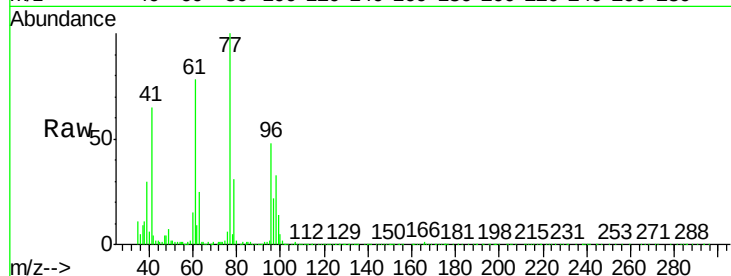
#31
 2,2-Dichloropropane
 Concen: 19.836 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.0	18.4	27.6

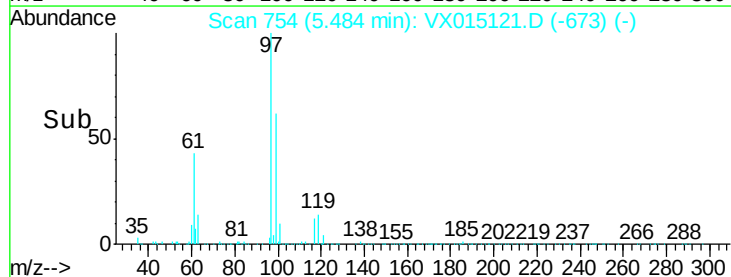
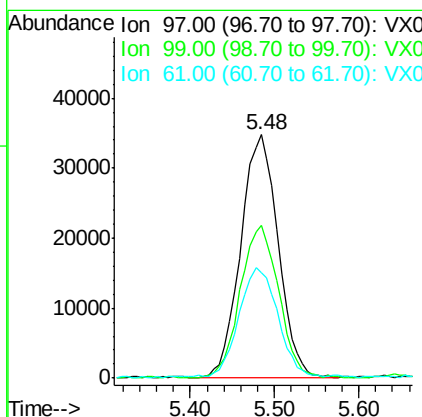
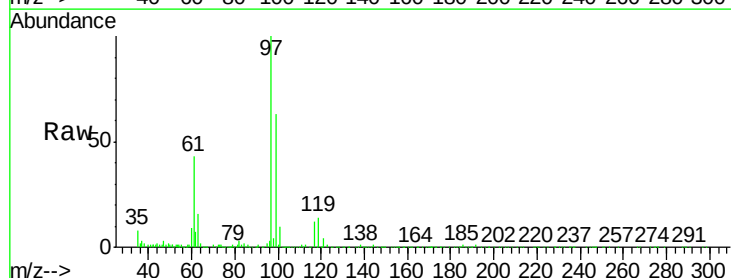
Manual Integrations
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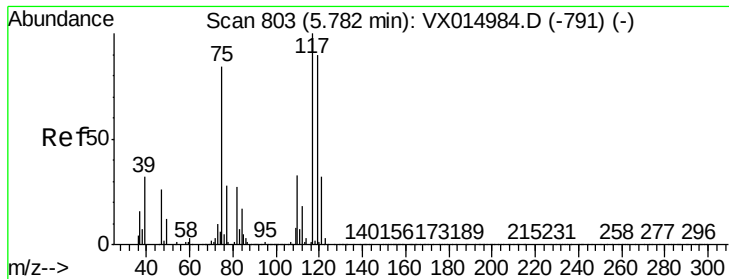
MMDadoda
 3/9/2020 9:36:35 AM



#32
 1,1,1-Trichloroethane
 Concen: 20.364 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	53.0	79.6
61	46.1	36.2	54.2





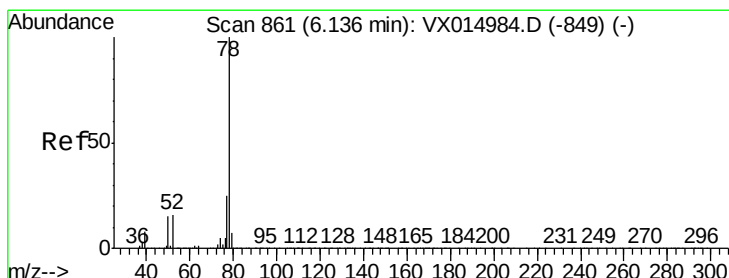
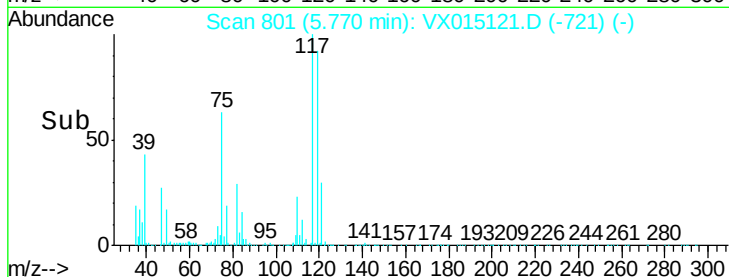
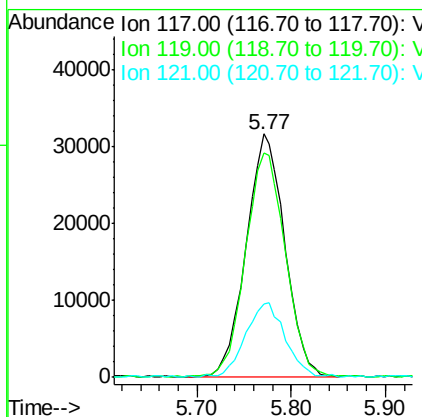
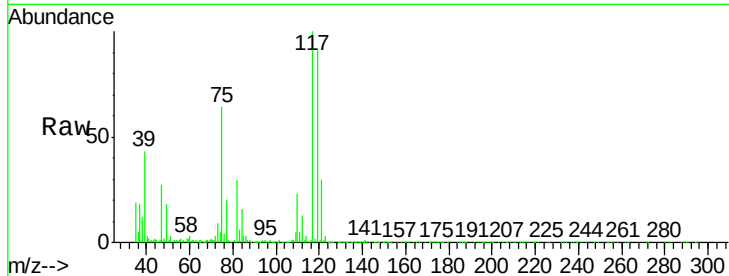
#33
Carbon Tetrachloride
Concen: 20.052 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.2	71.9	107.9
121	29.8	25.4	38.2

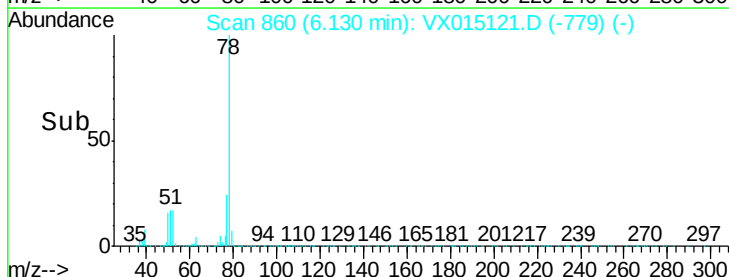
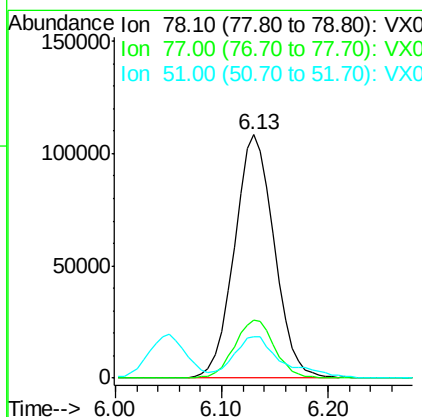
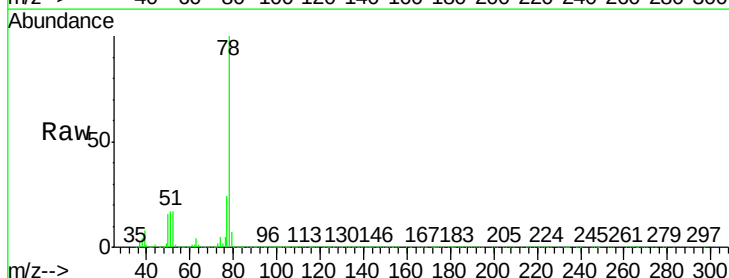
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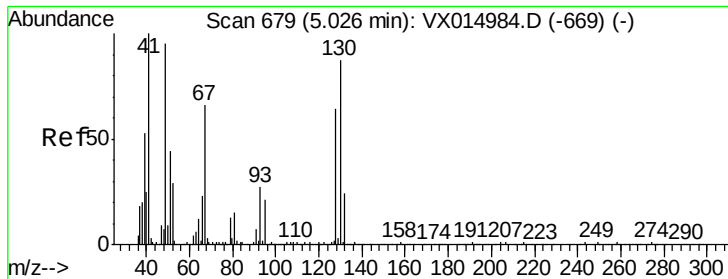
MMDadoda
3/9/2020 9:36:35 AM



#34
Benzene
Concen: 20.672 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.0	30.0
51	15.9	13.3	19.9





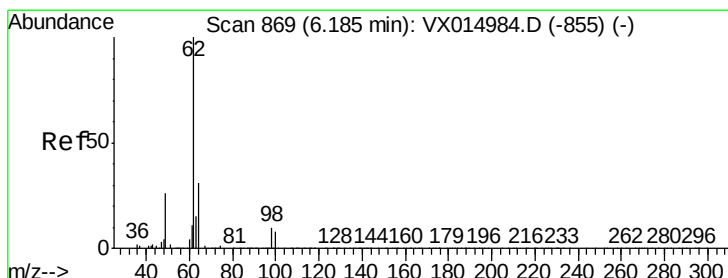
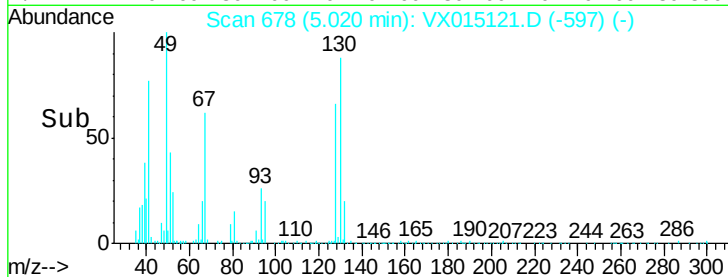
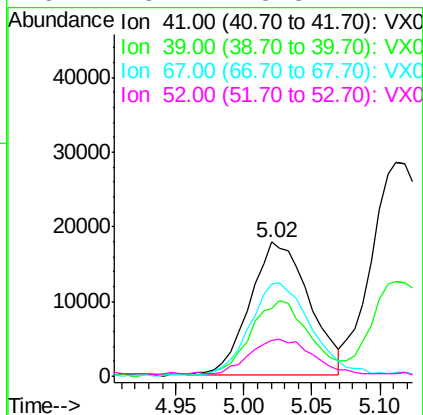
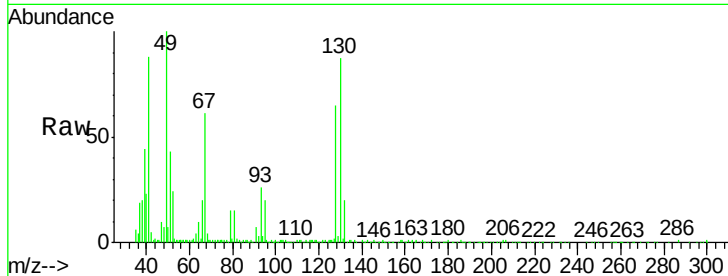
#35
Methacrylonitrile
Concen: 20.183 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.2	25.9	77.7	
67	70.0	32.7	98.1	
52	25.4	13.8	41.4	

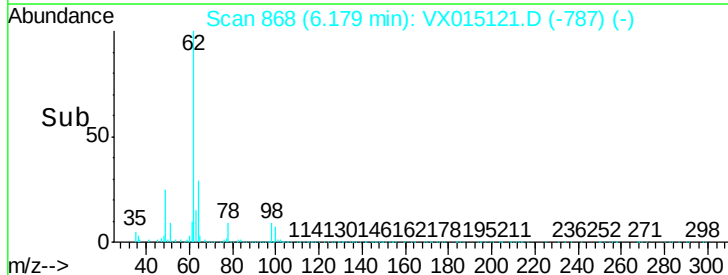
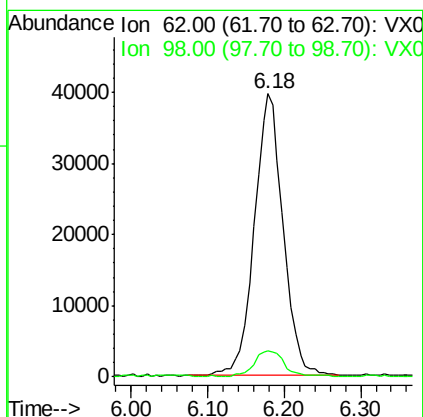
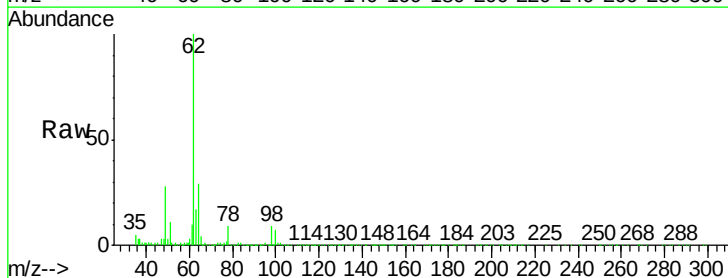
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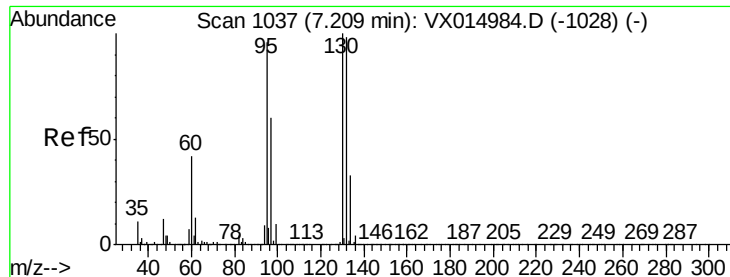
MMDadoda
3/9/2020 9:36:35 AM



#36
1,2-Dichloroethane
Concen: 21.427 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	7.5	11.3	





#37

Trichloroethene

Concen: 20.302 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion:130 Resp: 77915

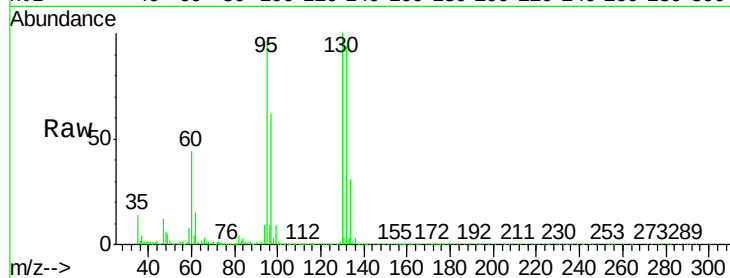
Ion Ratio Lower Upper

130 100

95 96.5 77.1 115.7

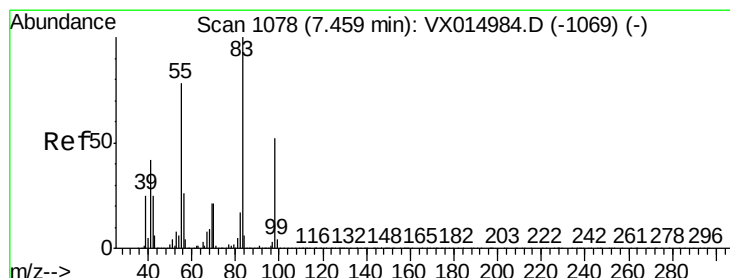
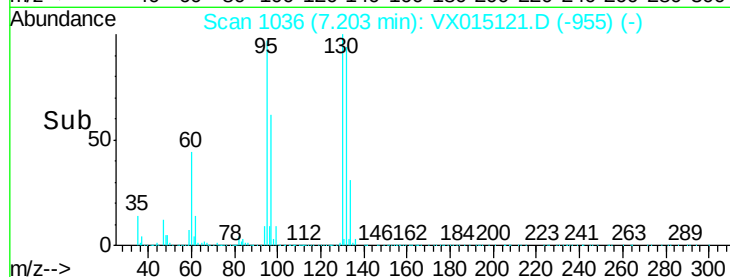
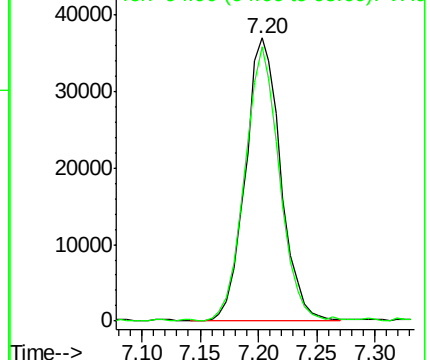
Manual Integrations
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.650 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

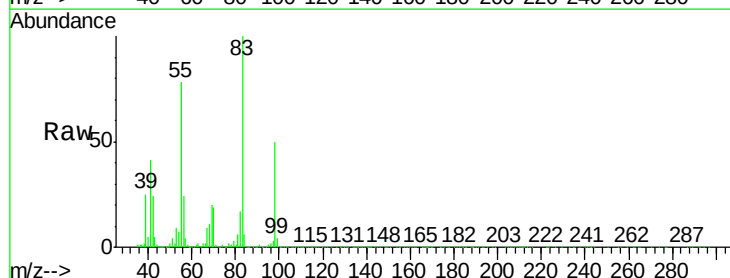
Tgt Ion: 83 Resp: 110332

Ion Ratio Lower Upper

83 100

55 78.6 38.2 114.6

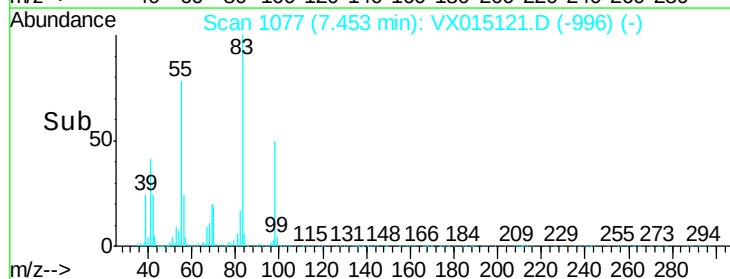
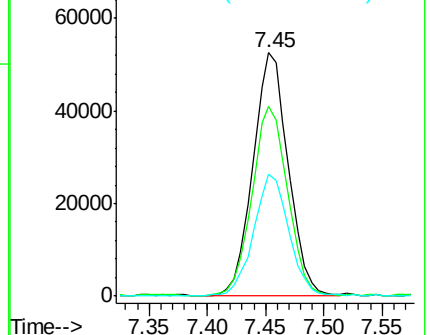
98 49.3 25.3 75.8

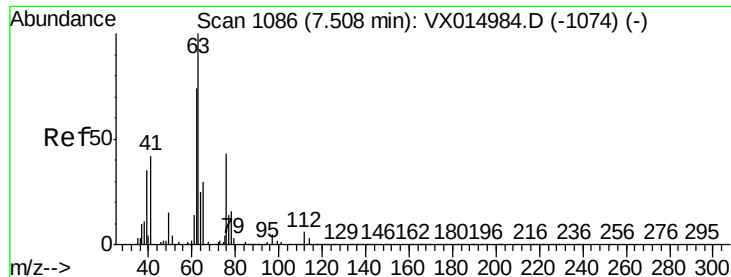


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





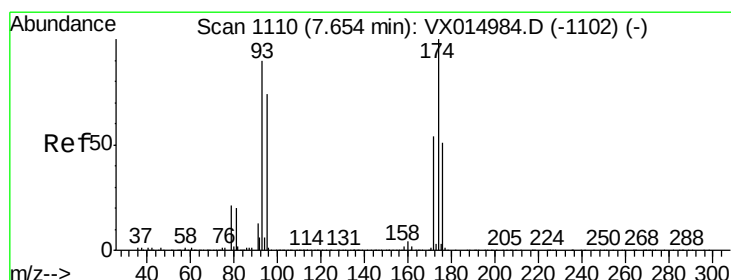
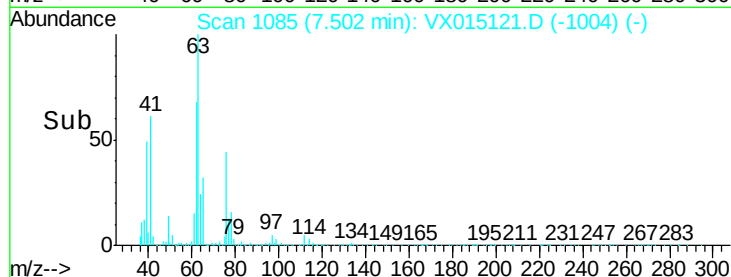
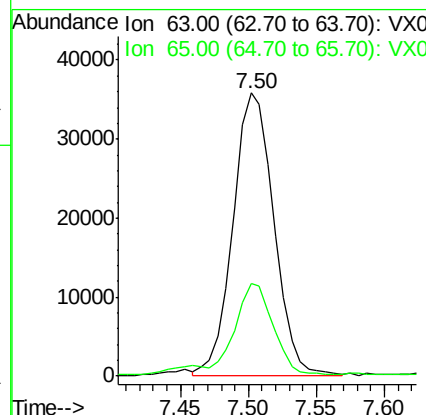
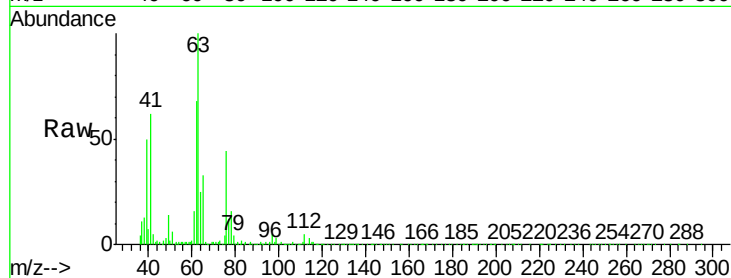
#39
 1,2-Dichloropropane
 Concen: 21.243 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.6	36.8

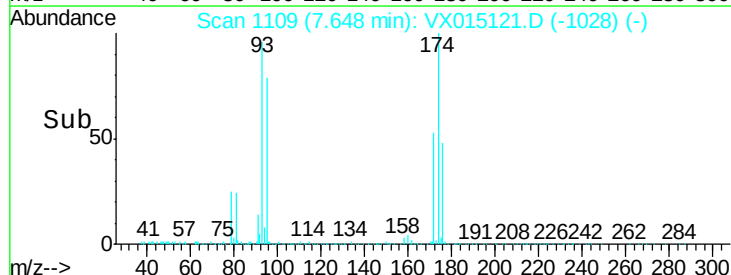
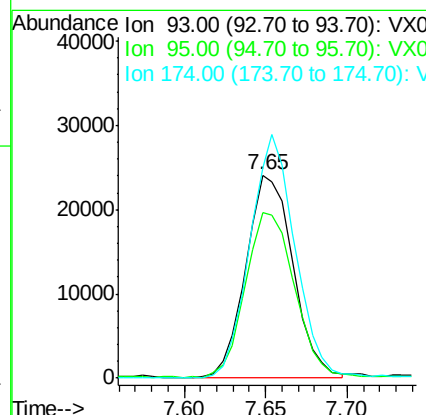
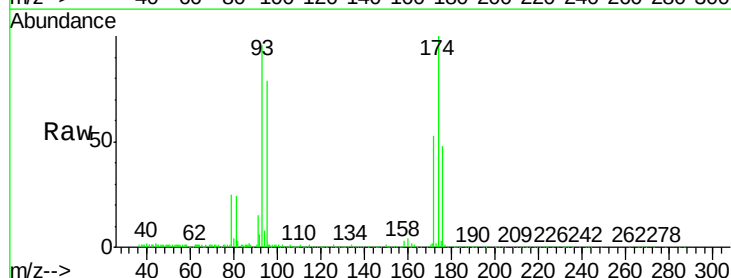
Manual Integrations
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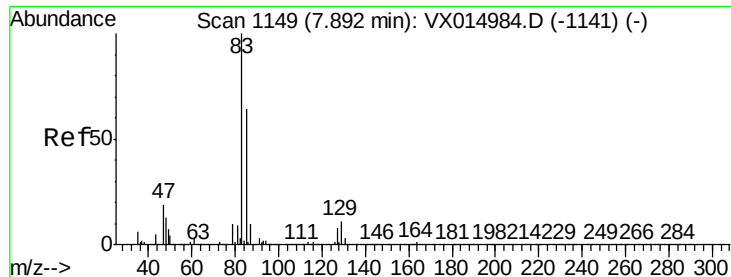
MMDadoda
 3/9/2020 9:36:35 AM



#40
 Dibromomethane
 Concen: 20.652 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	0.0	164.6
174	114.8	0.0	226.4





#41

Bromodichloromethane

Concen: 21.265 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

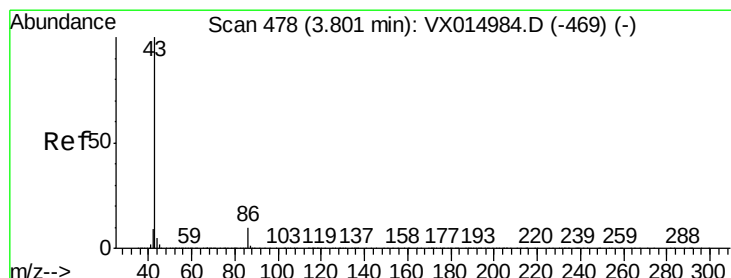
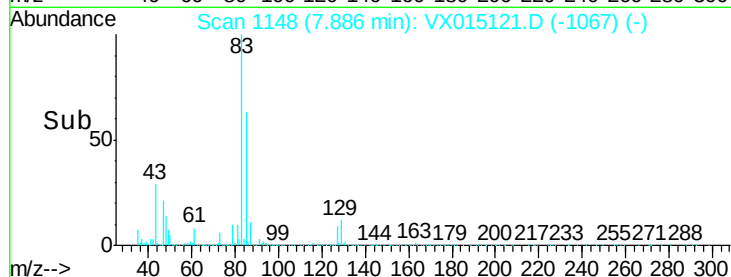
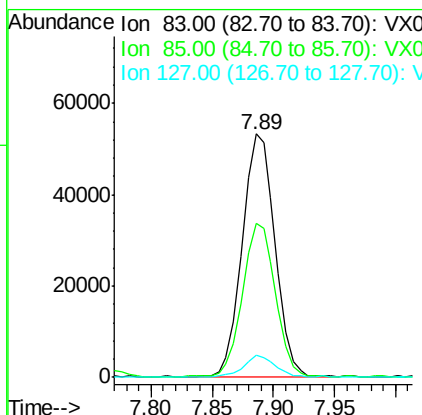
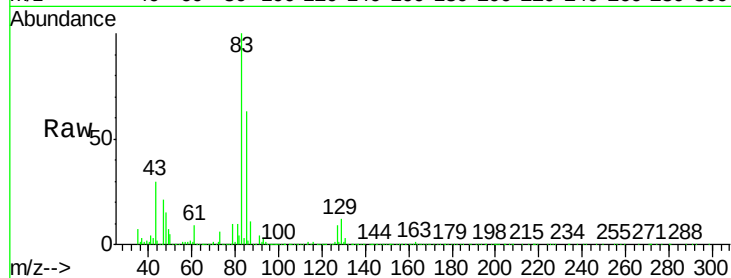
ClientSampleId :

VX0306WBSD01

Tot Ion:	83	Resp:	98691
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.0	76.4
127	8.8	6.6	10.0

Manual Integrations
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3/9/2020 9:36:35 AM



#42

Vinyl Acetate

Concen: 106.850 ug/l

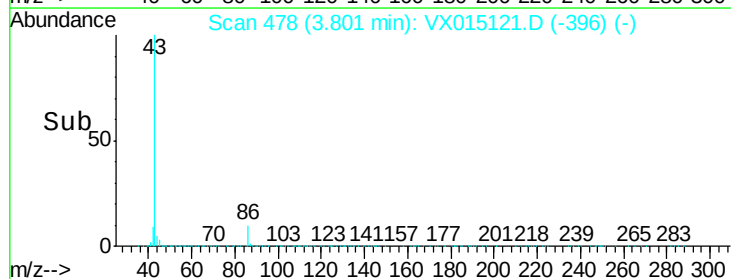
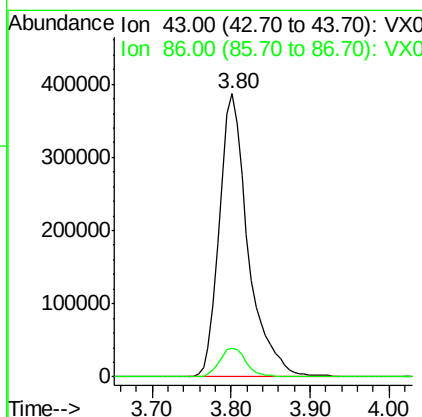
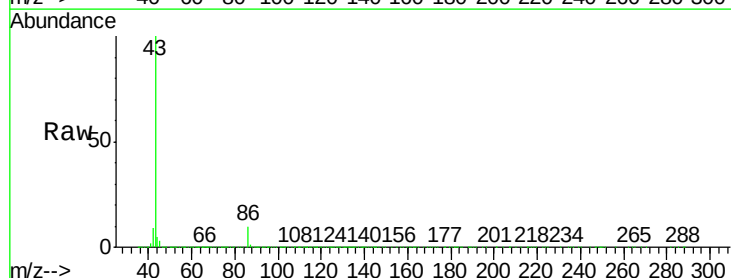
RT: 3.80 min Scan# 478

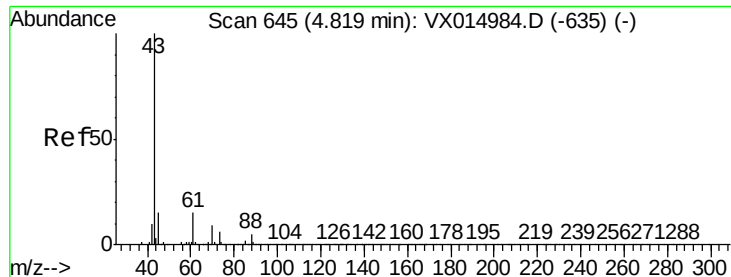
Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	43	Resp:	983378
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.6	11.4





#43

Ethyl Acetate

Concen: 19.827 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tot Ion: 43 Resp: 93803

Ion Ratio Lower Upper

43 100

45 15.0 10.8 16.2

Instrument :

MSVOA_X

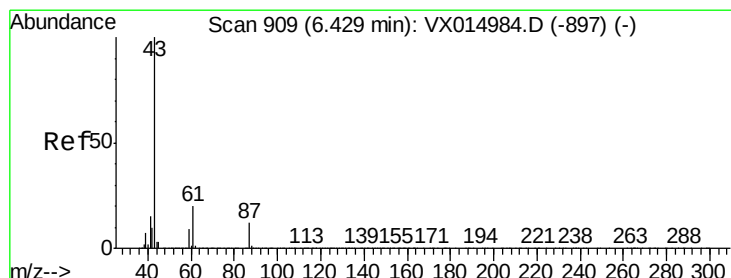
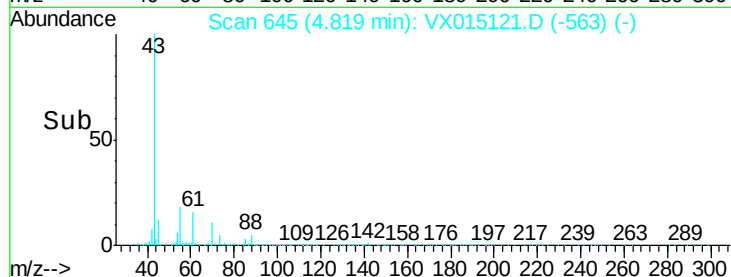
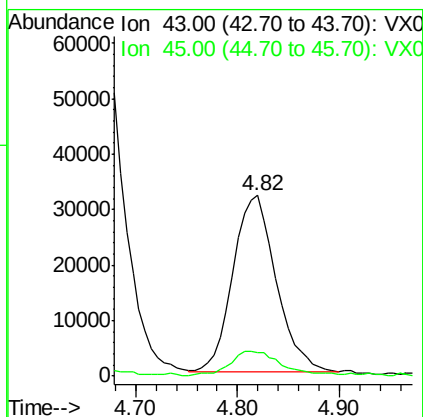
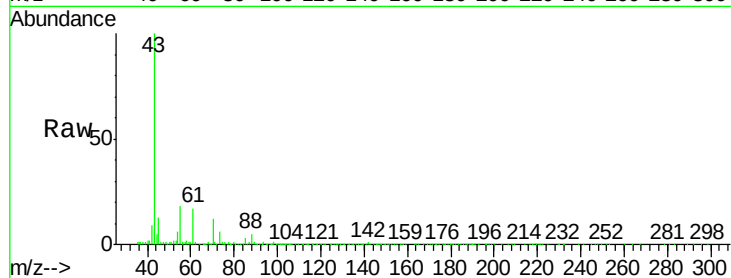
ClientSampleId :

VX0306WBSD01

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:36:35 AM



#44

Isopropyl Acetate

Concen: 19.917 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX015121.D

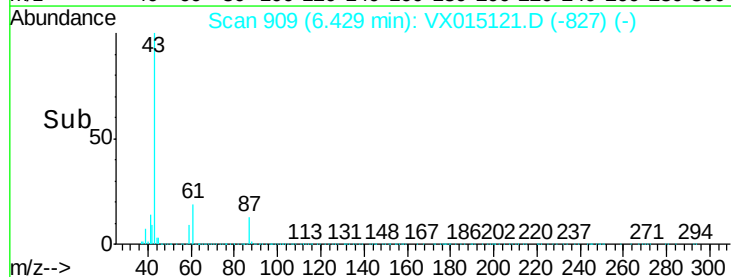
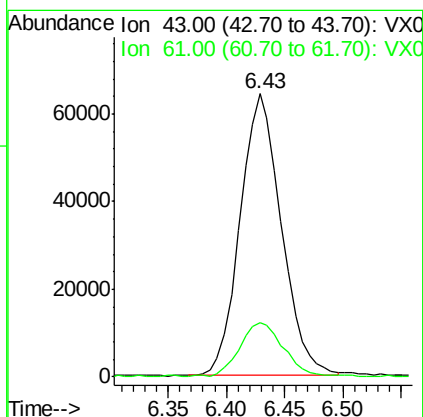
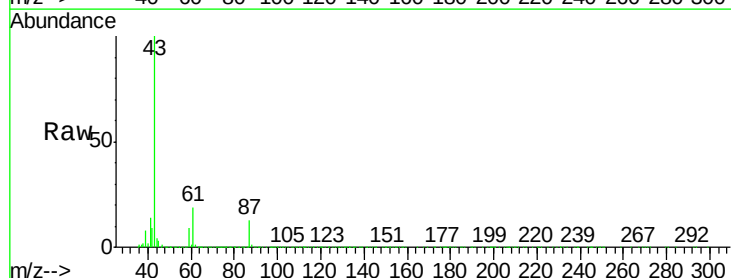
Acq: 06 Mar 2020 13:02

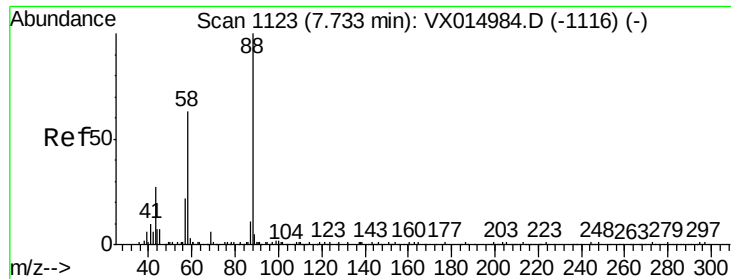
Tgt Ion: 43 Resp: 158404

Ion Ratio Lower Upper

43 100

61 20.1 15.6 23.4





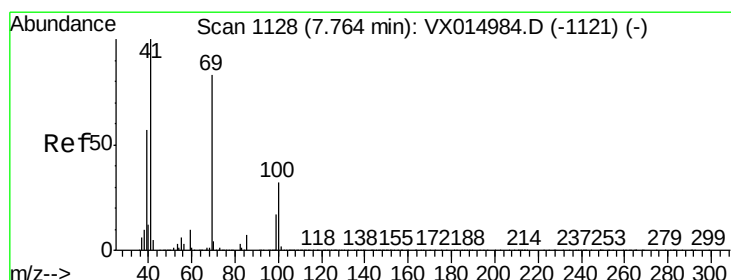
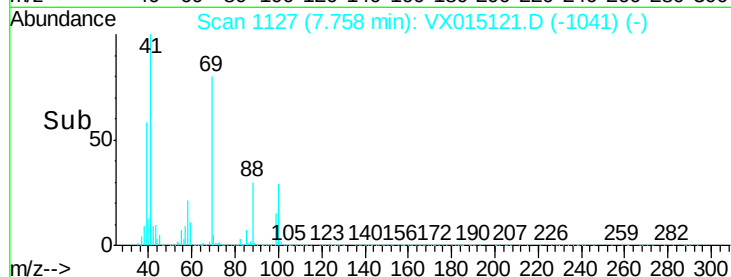
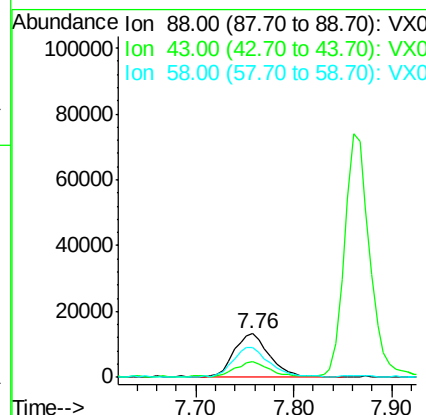
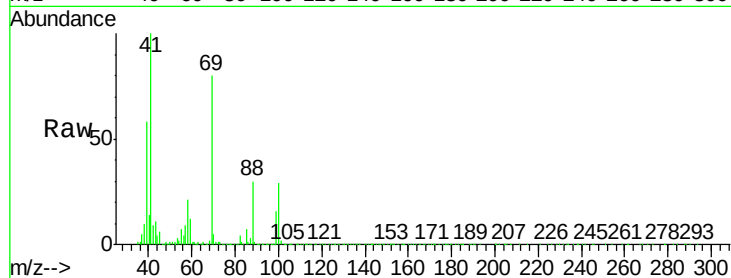
#45
1,4-Dioxane
Concen: 453.578 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.4	38.2
58	67.6	55.8	83.8

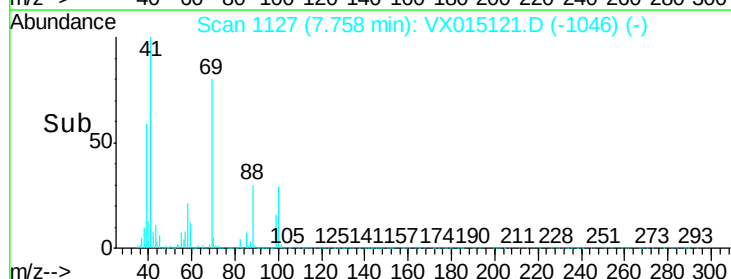
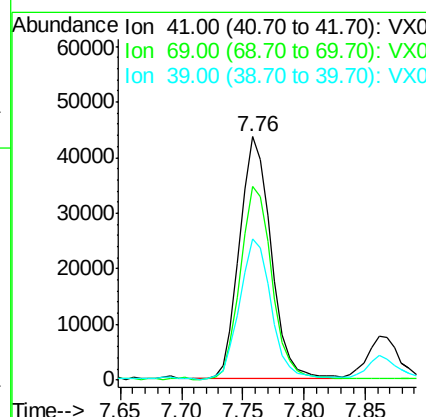
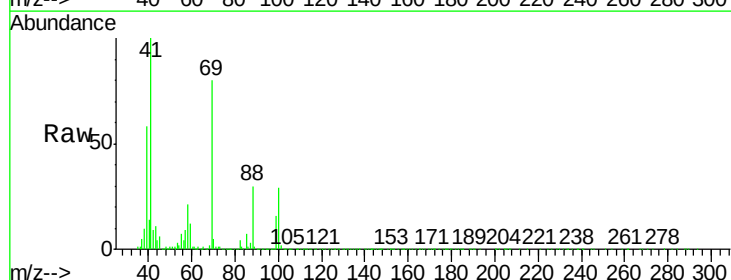
Manual Integrations
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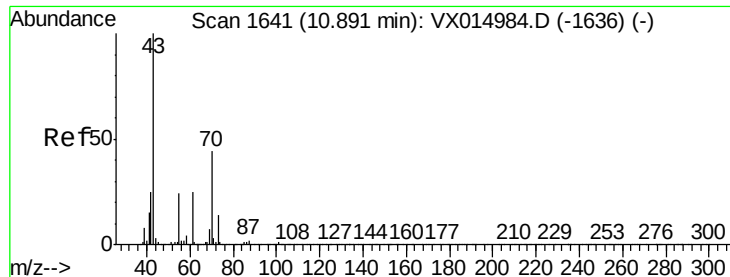
MMDadoda
3/9/2020 9:36:35 AM



#46
Methyl methacrylate
Concen: 19.922 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.8	41.4	124.2
39	57.9	28.3	84.9





#47

n-amvl Acetate

Concen: 19.830 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion: 43 Resp: 136629

Ion Ratio Lower Upper

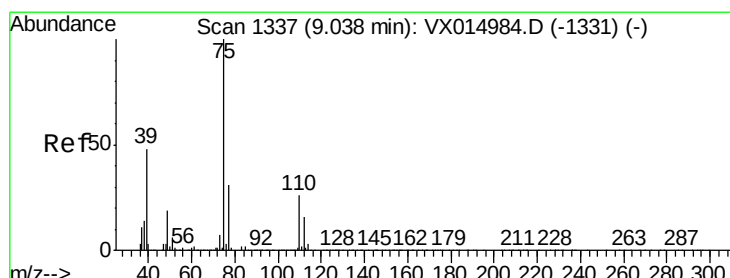
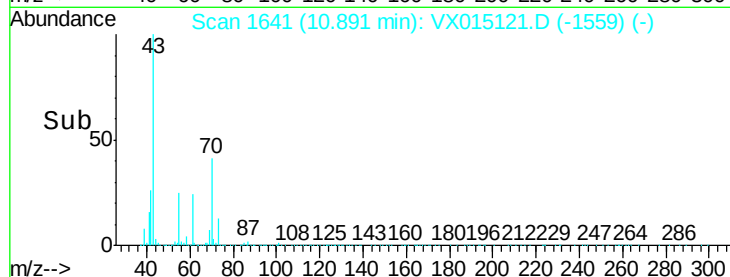
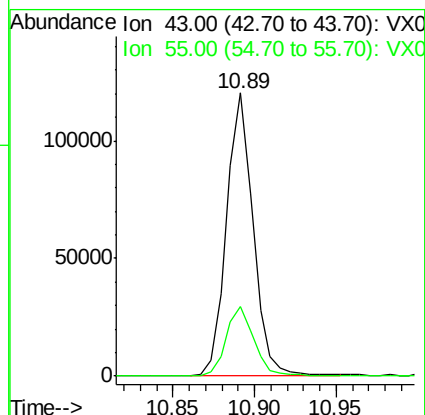
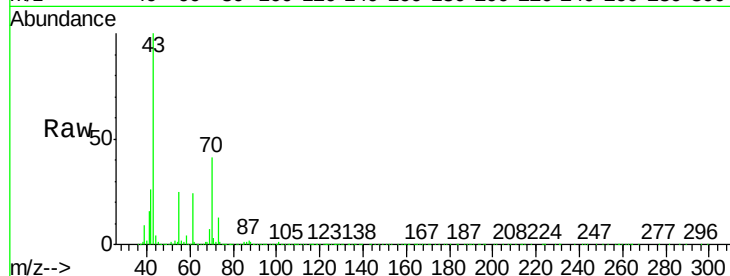
43 100

55 24.8 19.2 28.8

Manual Integrations
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3/9/2020 9:36:35 AM



#48

t-1,3-Dichloropropene

Concen: 20.707 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015121.D

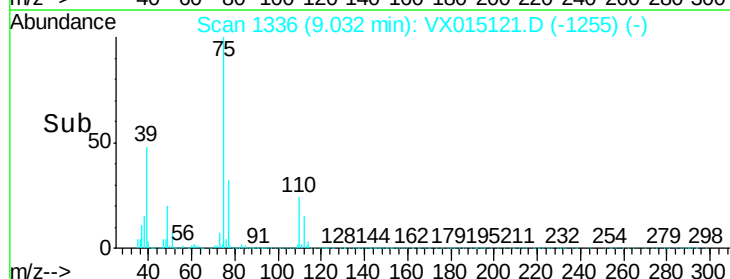
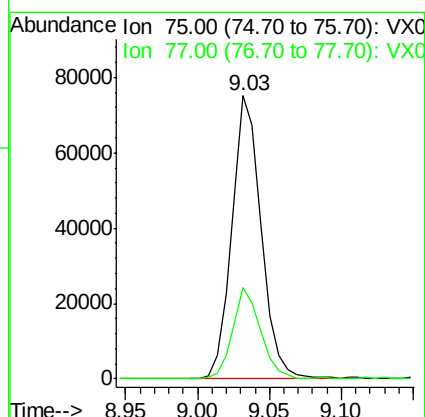
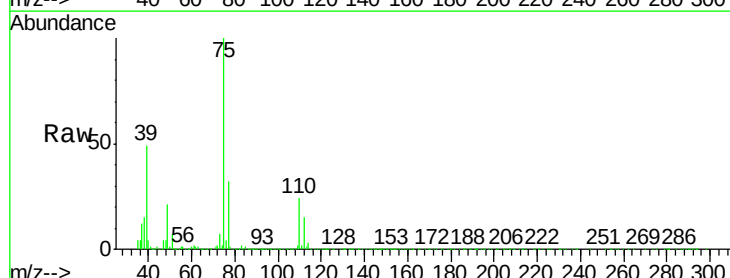
Acq: 06 Mar 2020 13:02

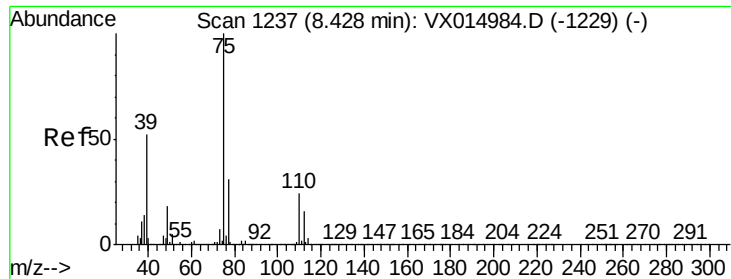
Tgt Ion: 75 Resp: 106619

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8





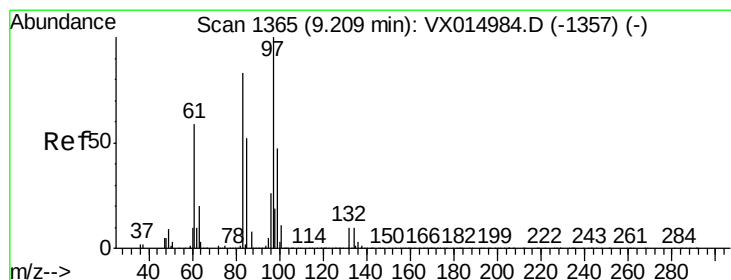
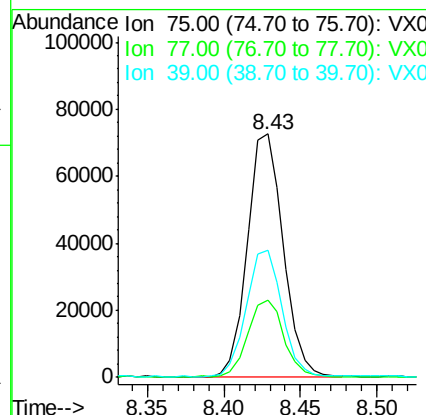
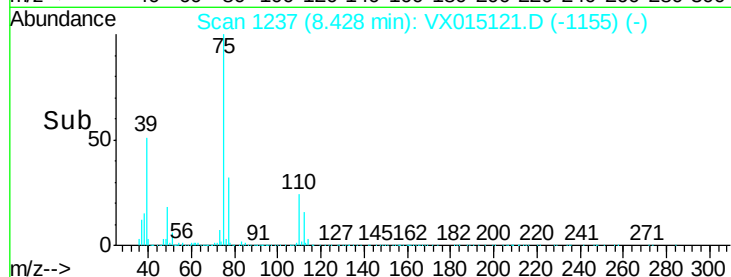
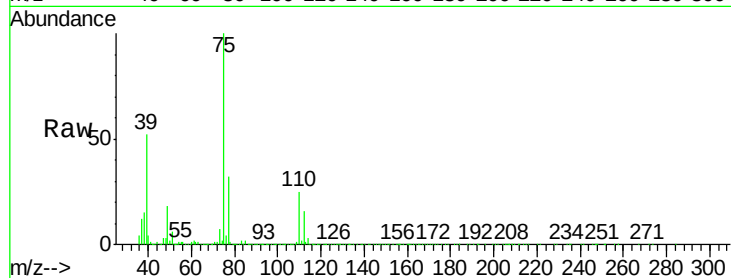
#49
 cis-1,3-Dichloropropene
 Concen: 20.960 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Tot Ion:	75	Resp:	118817
Ion Ratio	Lower	Upper	
75	100		
77	31.7	24.6	36.8
39	51.9	41.5	62.3

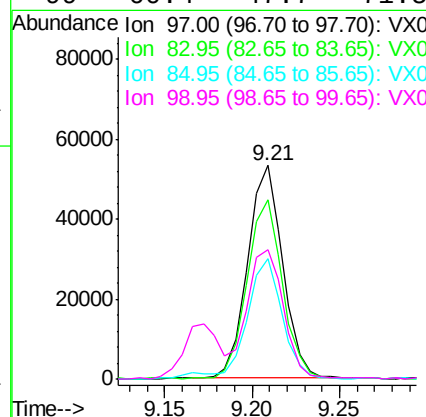
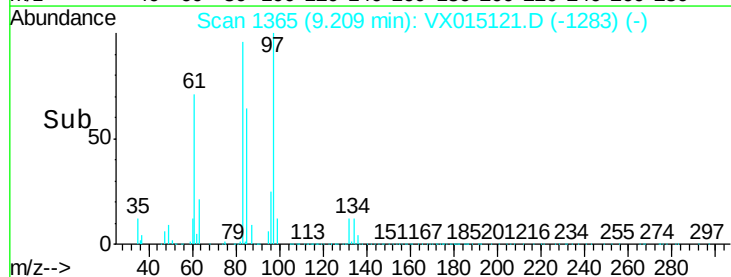
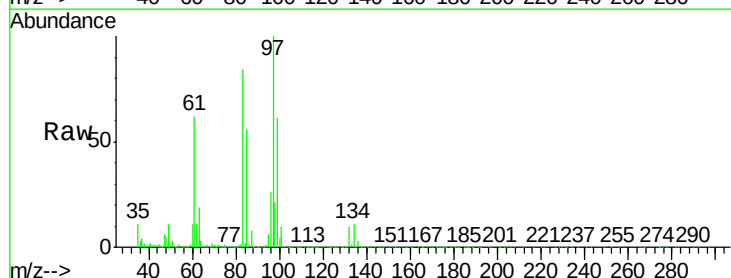
Manual Integrations
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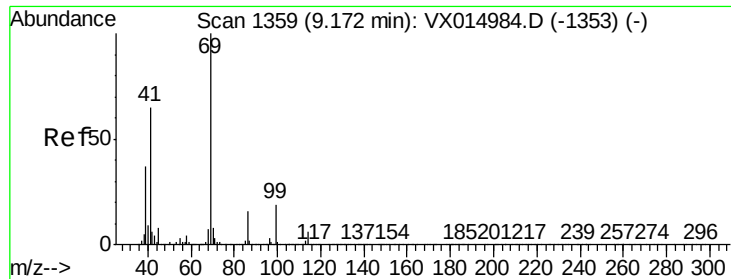
MMDadoda
 3/9/2020 9:36:35 AM



#50
 1,1,2-Trichloroethane
 Concen: 21.073 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion:	97	Resp:	73760
Ion Ratio	Lower	Upper	
97	100		
83	84.1	66.2	99.2
85	56.5	42.4	63.6
99	60.4	47.7	71.5





#51

Ethyl methacrylate

Concen: 19.629 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

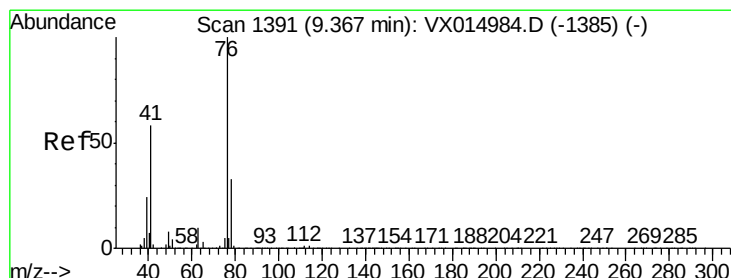
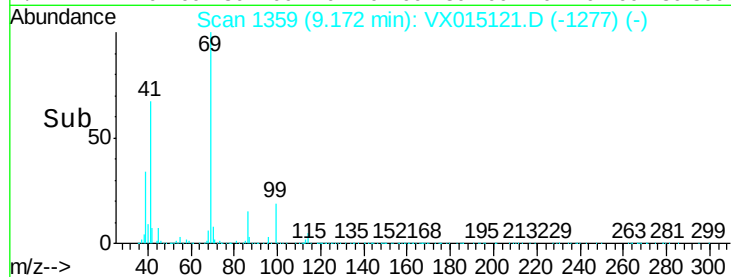
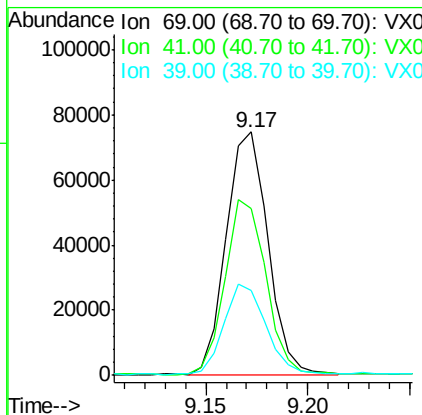
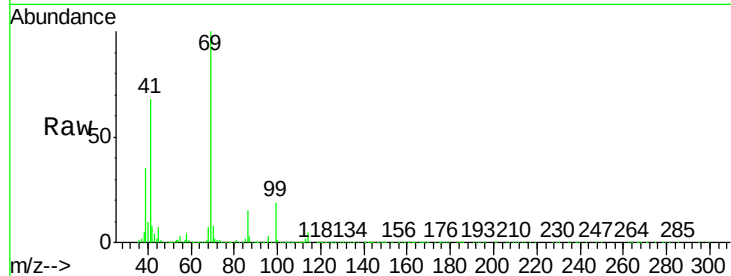
ClientSampleID :

VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
69	100		
41	68.1	32.7	98.1
39	34.3	18.2	54.6

Manual Integrations
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3/9/2020 9:36:35 AM



#52

1,3-Dichloropropane

Concen: 21.345 ug/l

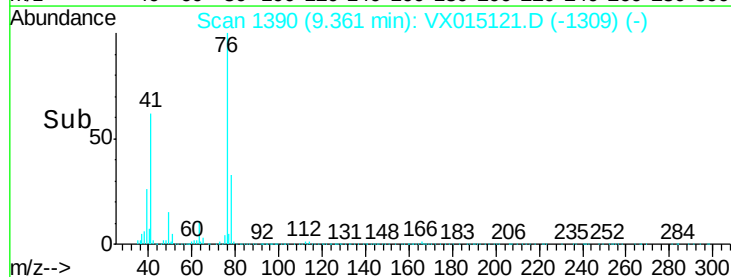
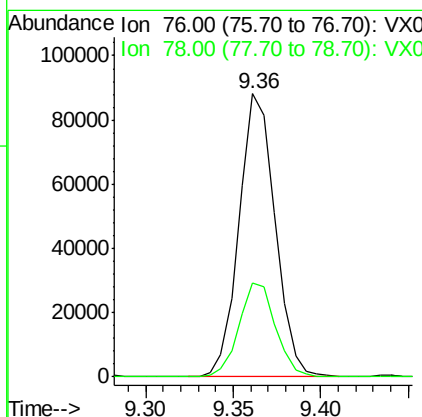
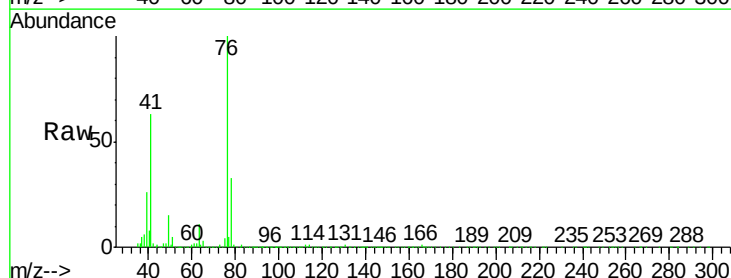
RT: 9.36 min Scan# 1390

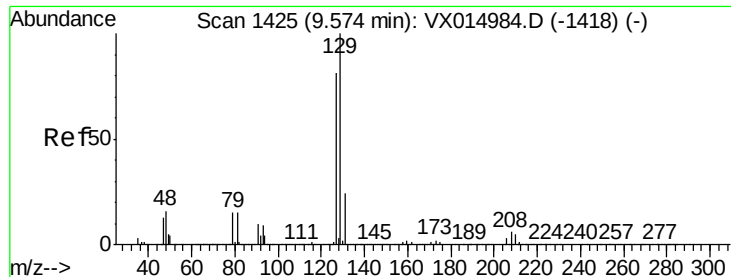
Delta R.T. -0.01 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	65.0





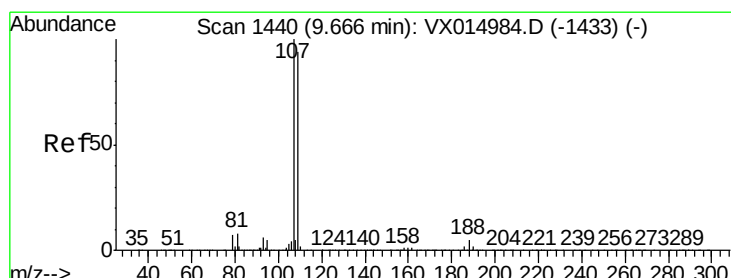
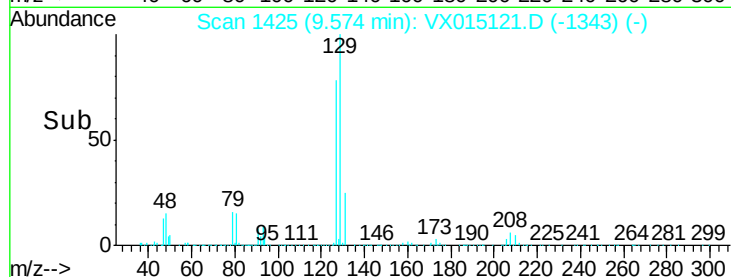
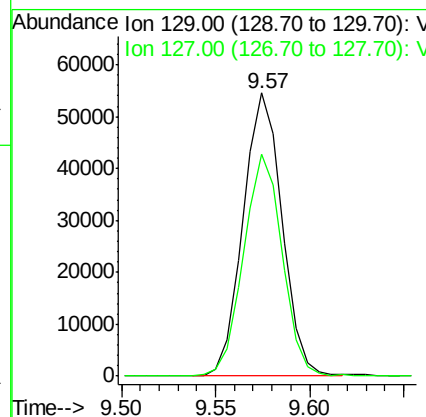
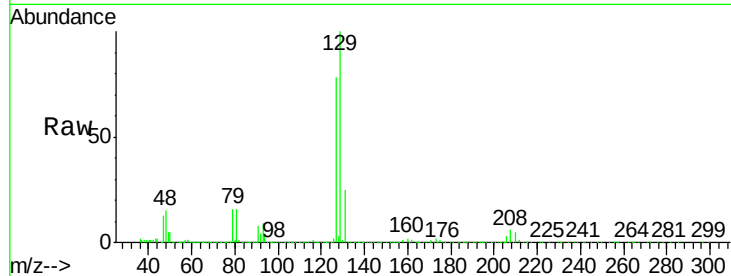
#53
Dibromochloromethane
Concen: 20.586 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.8	38.3	114.9	

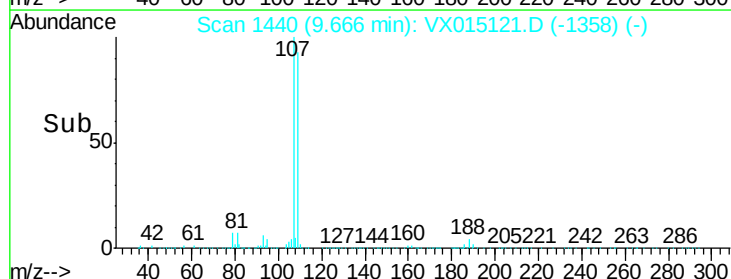
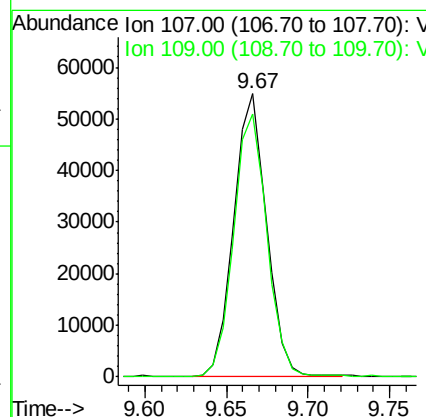
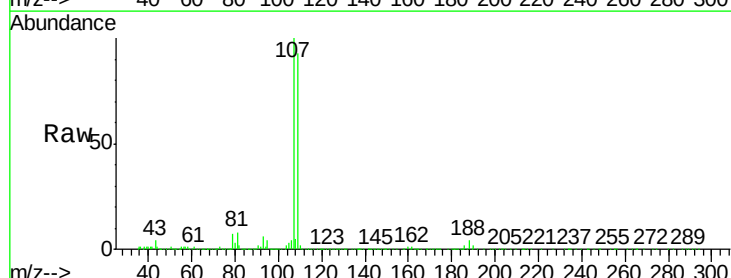
Manual Integrations
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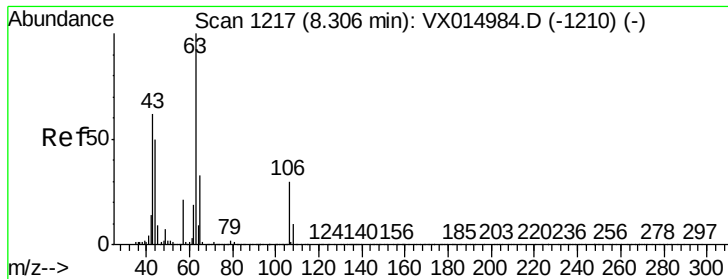
MMDadoda
3/9/2020 9:36:35 AM



#54
1,2-Dibromoethane
Concen: 20.734 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	93.9	76.3	114.5	





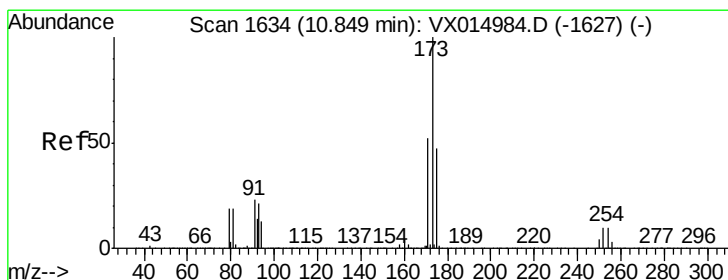
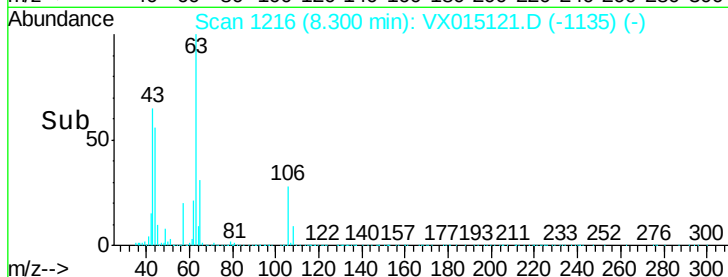
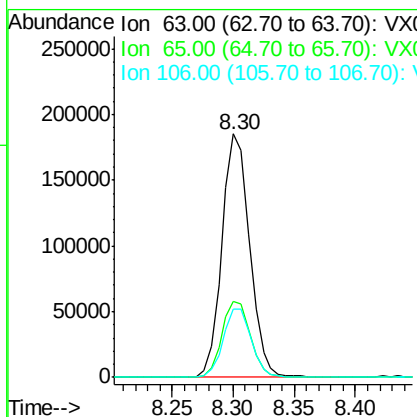
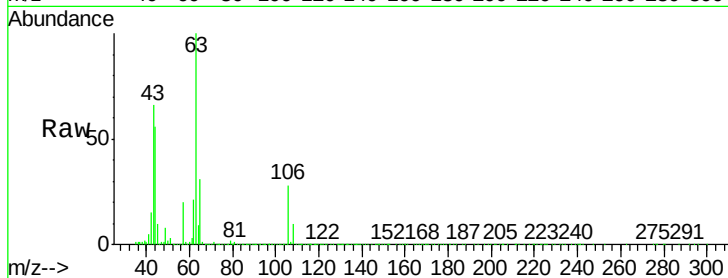
#55
2-Chloroethyl vinyl ether
Concen: 100.778 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	28.3	23.9	35.9

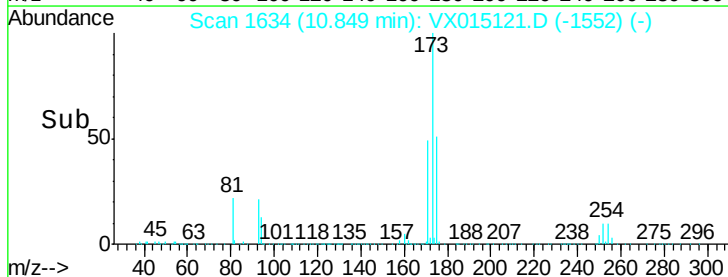
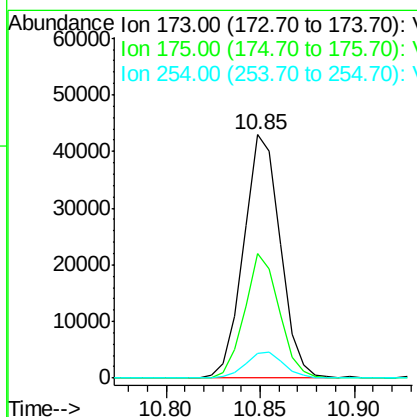
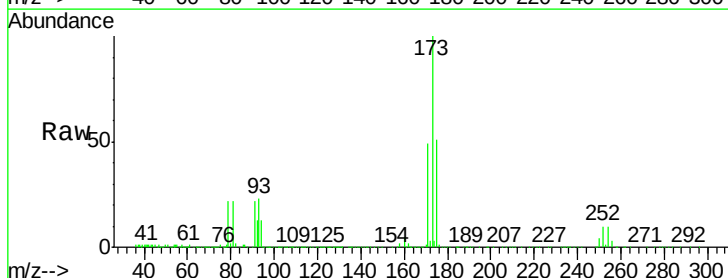
Manual Integrations
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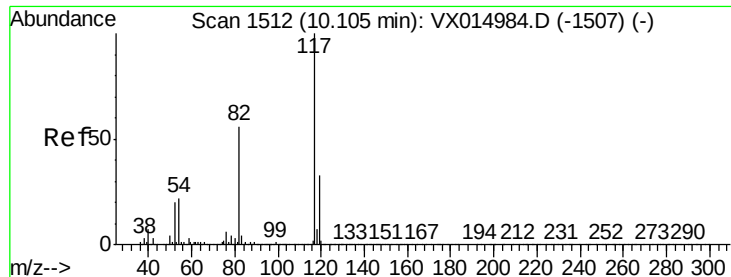
MMDadoda
3/9/2020 9:36:35 AM



#56
Bromoform
Concen: 19.413 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.6	57.8
254	10.9	8.6	13.0





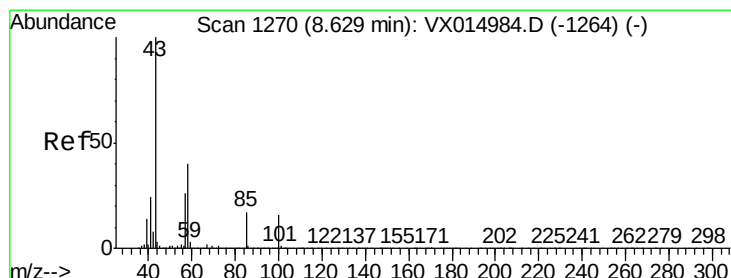
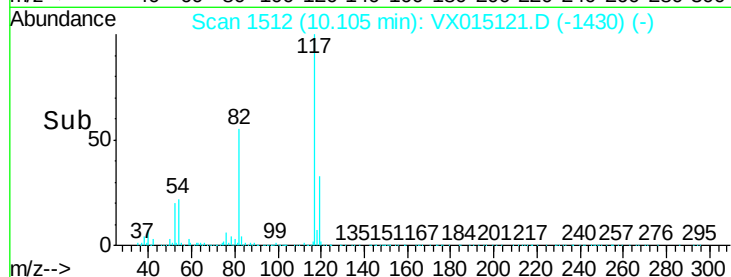
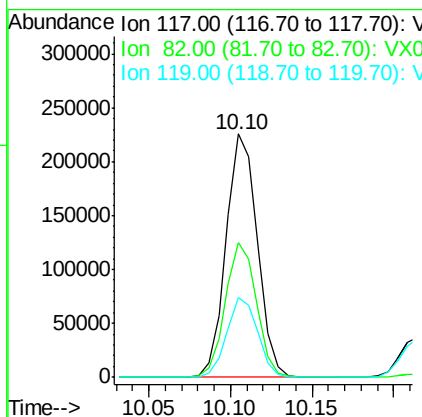
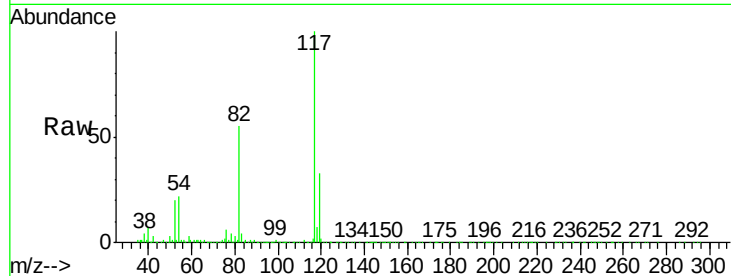
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.5	43.4	65.2
119	32.4	26.0	39.0

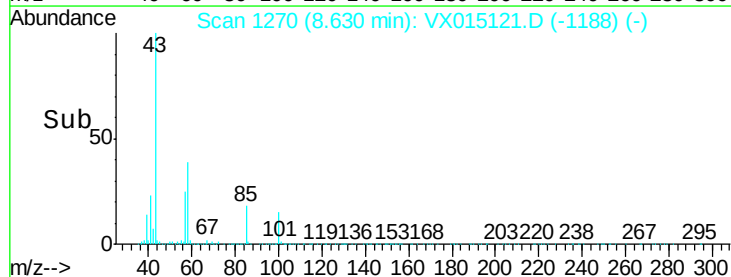
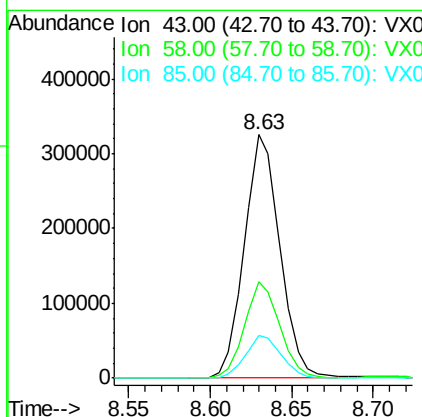
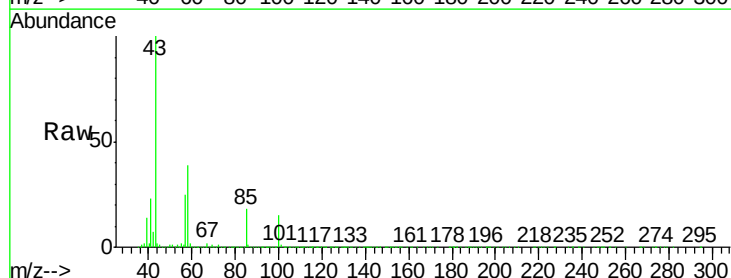
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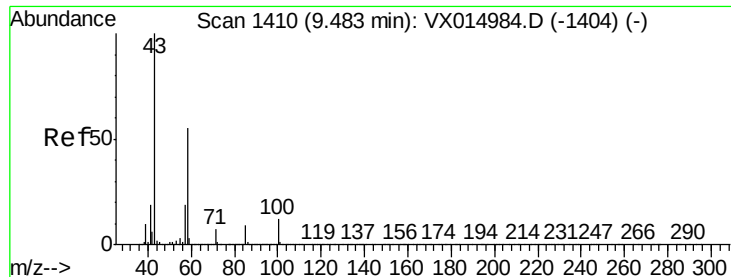
MMDadoda
3/9/2020 9:36:35 AM



#58
4-Methyl-2-Pentanone
Concen: 100.214 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	39.1	31.7	47.5
85	17.7	14.4	21.6





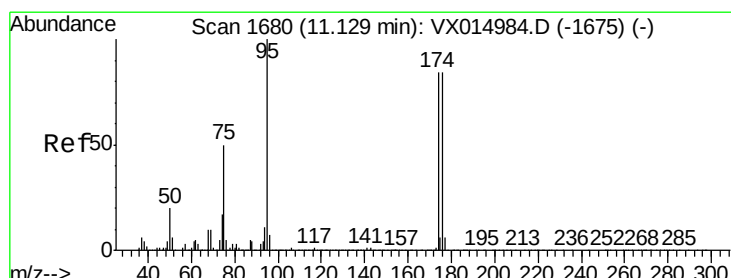
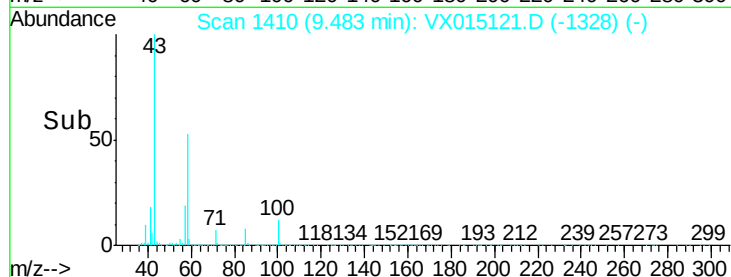
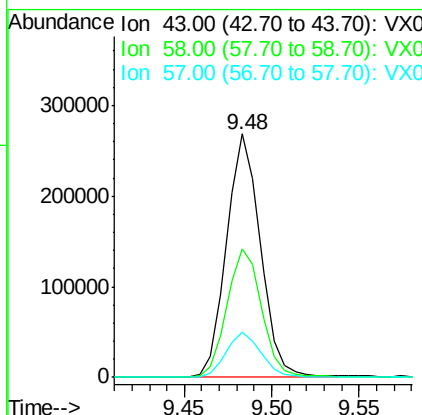
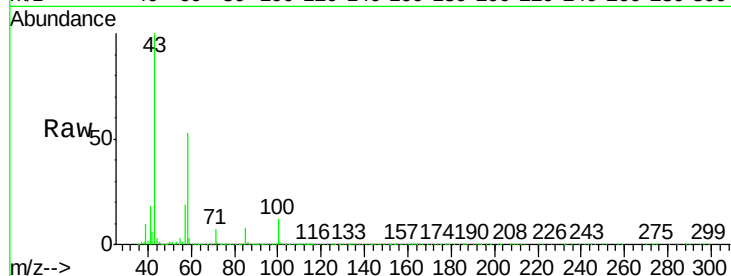
#59
2-Hexanone
Concen: 93.574 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	44.1	66.1
57	19.1	15.3	22.9

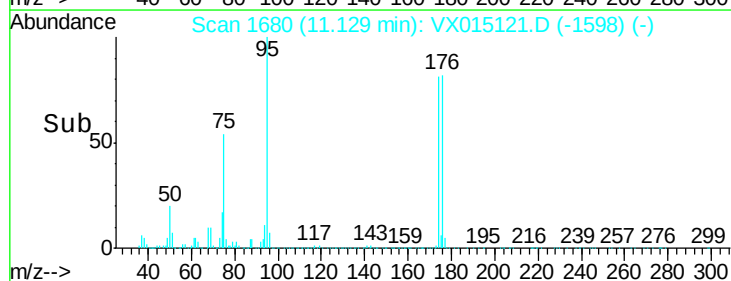
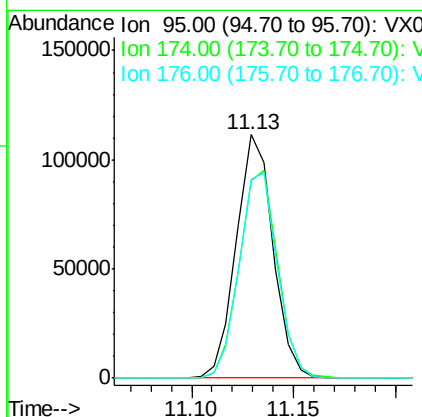
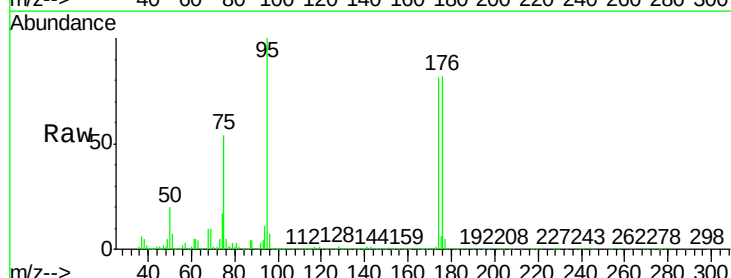
Manual Integrations
APPROVED

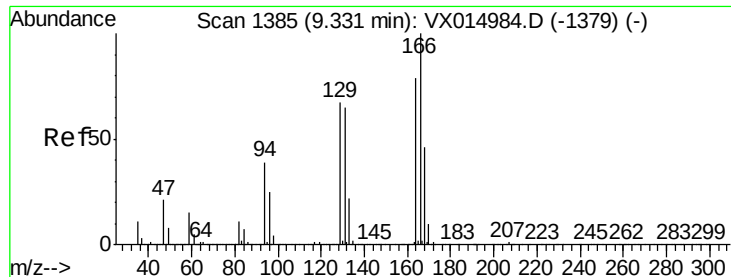
MMDadoda
3/9/2020 9:36:35 AM



#60
4-Bromofluorobenzene
Concen: 29.733 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	72.3	108.5
176	88.0	72.0	108.0





#61

Tetrachloroethene

Concen: 19.915 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tot Ion:164 Resp: 80472

Ion Ratio Lower Upper

164 100

166 131.5 101.2 151.8

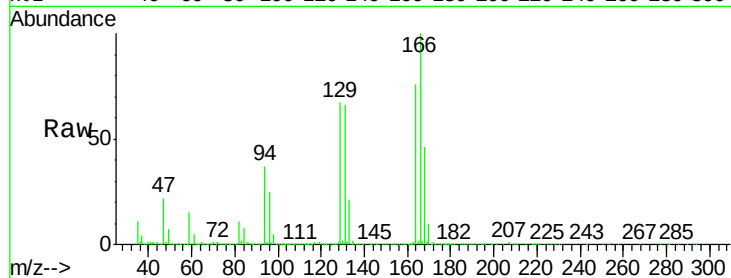
129 88.3 67.6 101.4

131 86.7 66.0 99.0

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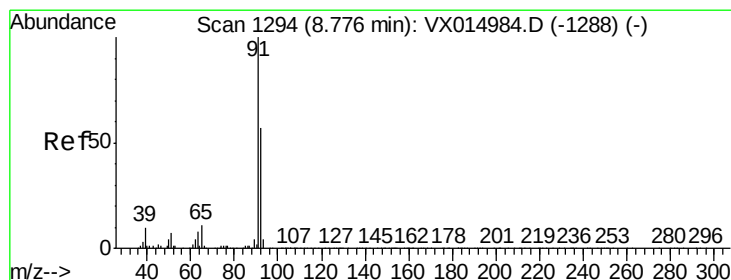
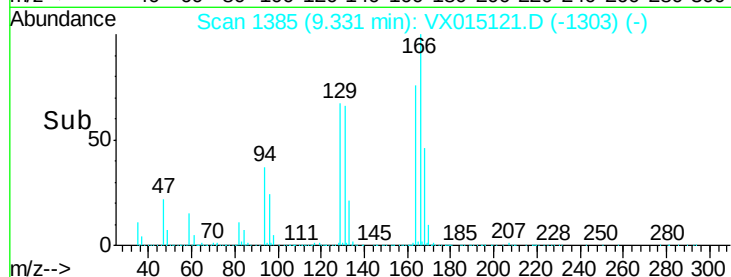
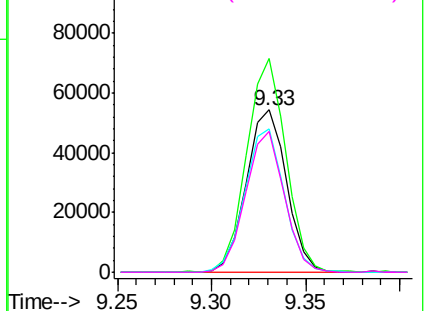


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.847 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015121.D

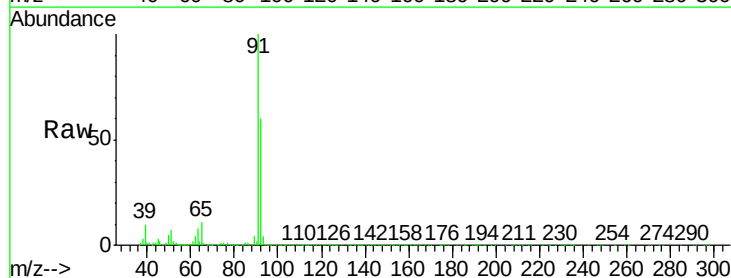
Acq: 06 Mar 2020 13:02

Tgt Ion: 91 Resp: 305838

Ion Ratio Lower Upper

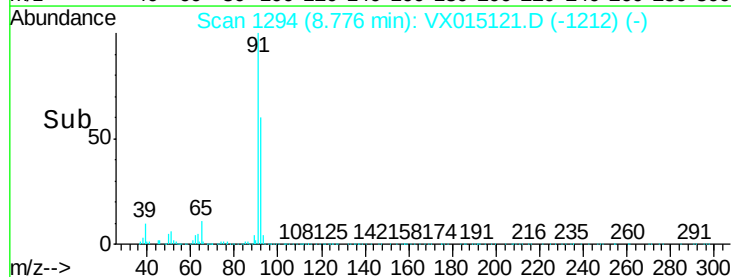
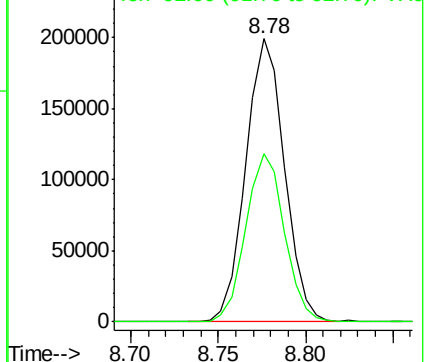
91 100

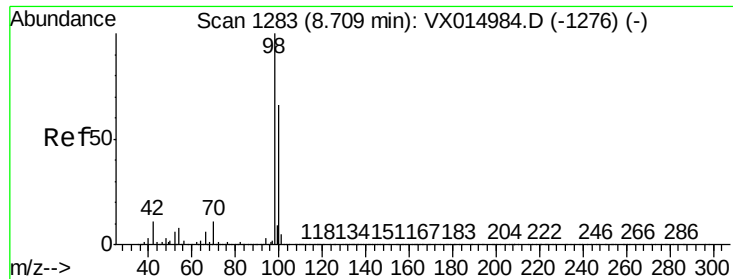
92 59.4 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





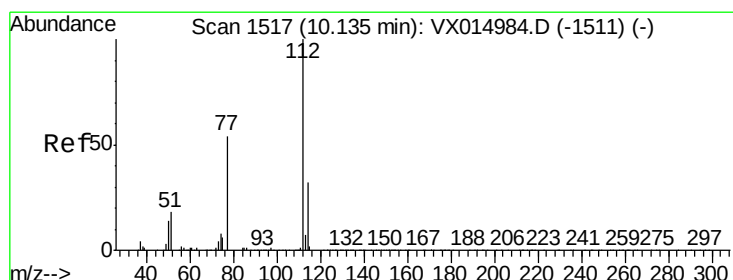
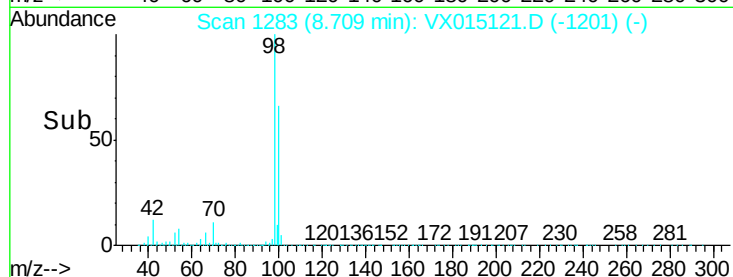
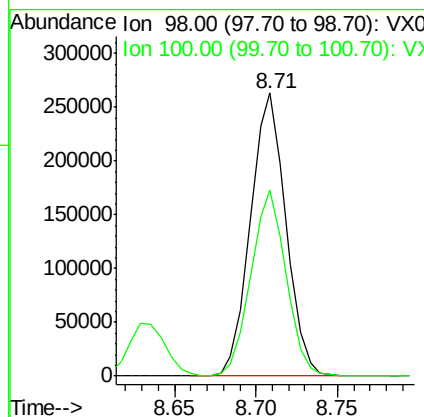
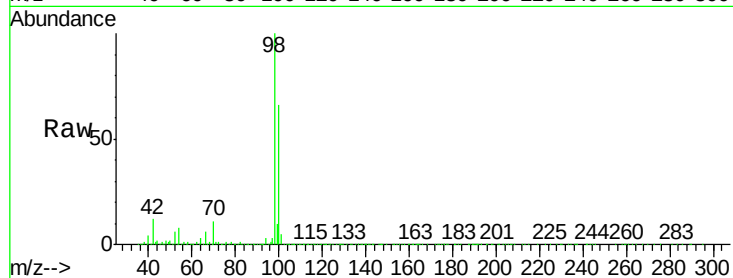
#63
Toluene-d8
Concen: 30.290 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion: 98 Resp: 397393
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

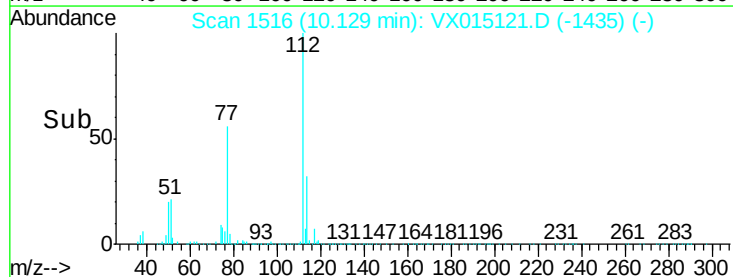
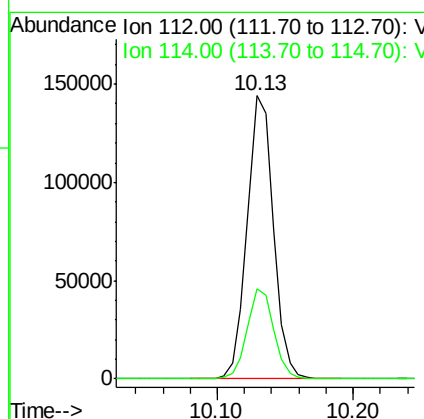
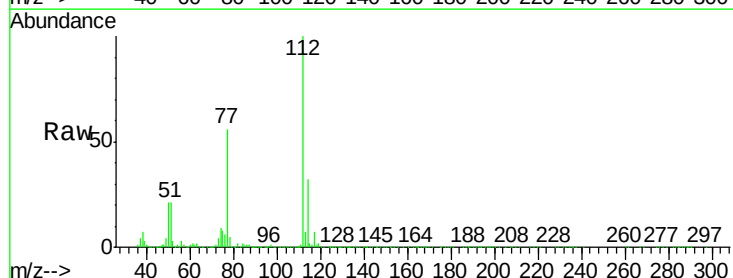
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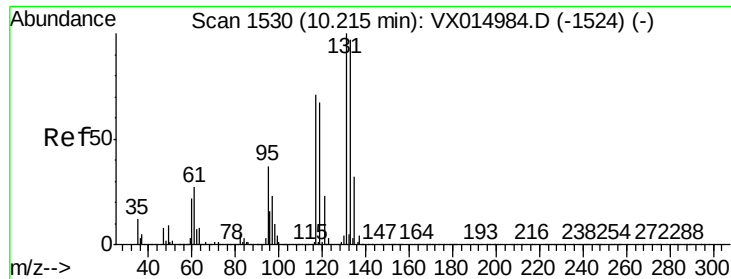
MMDadoda
3/9/2020 9:36:35 AM



#64
Chlorobenzene
Concen: 19.870 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion: 112 Resp: 195440
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.196 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

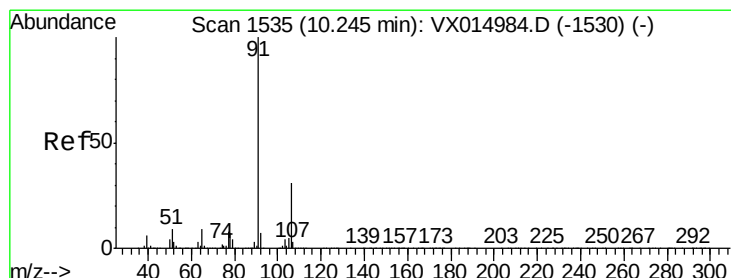
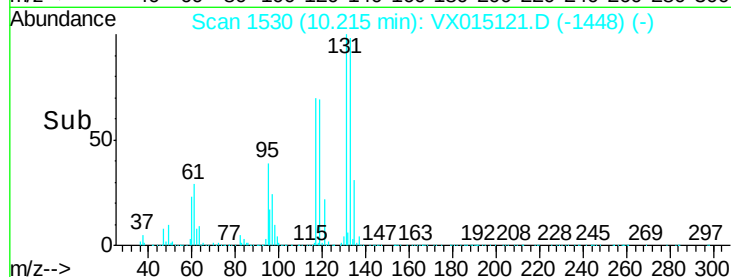
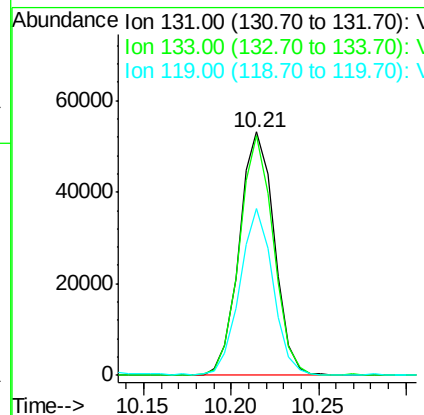
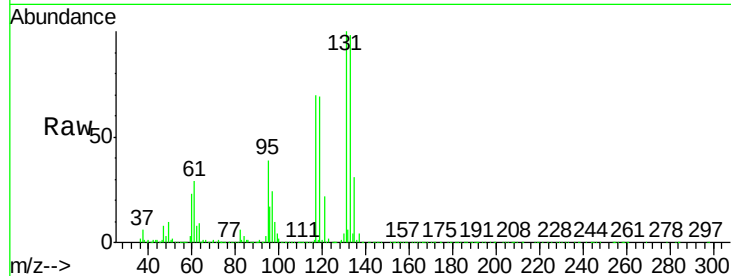
ClientSampled :

VX0306WBSD01

Tot Ion:	131	Resp:	73581
Ion Ratio	Lower	Upper	
131	100		
133	95.4	0.0	191.4
119	64.8	0.0	132.0

Manual Integrations
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3/9/2020 9:36:35 AM



#66

Ethyl Benzene

Concen: 19.843 ug/l

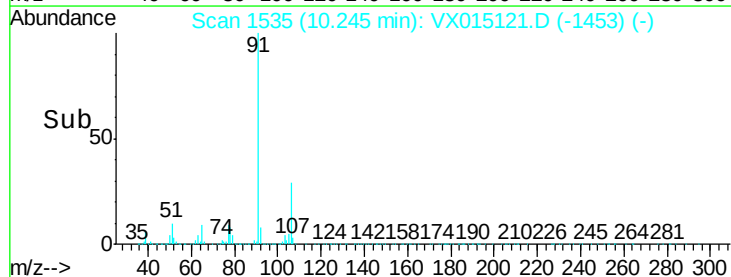
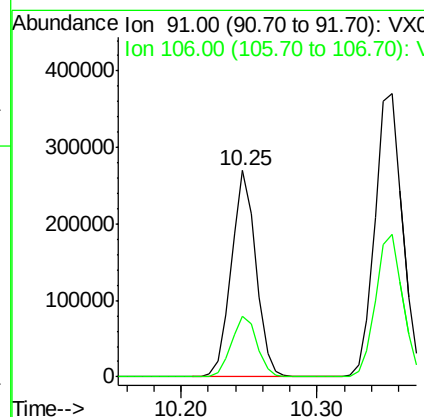
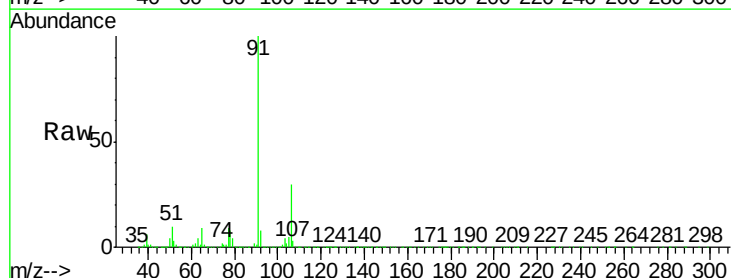
RT: 10.25 min Scan# 1535

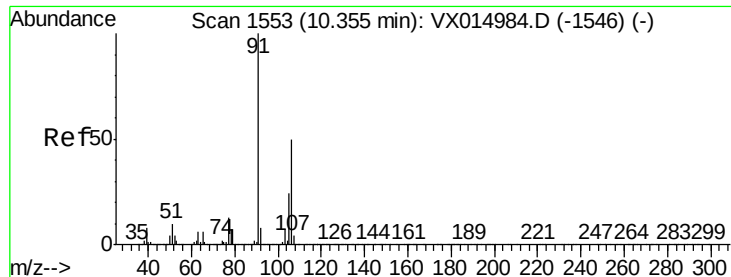
Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	91	Resp:	336832
Ion Ratio	Lower	Upper	
91	100		
106	29.5	24.7	37.1





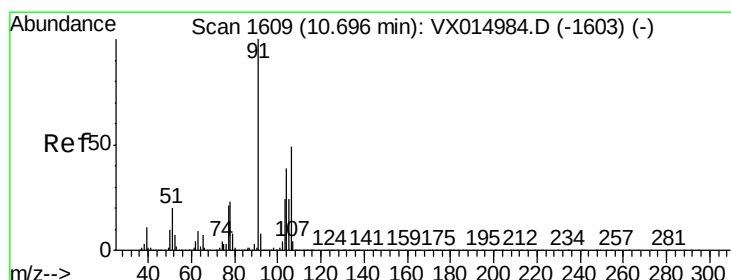
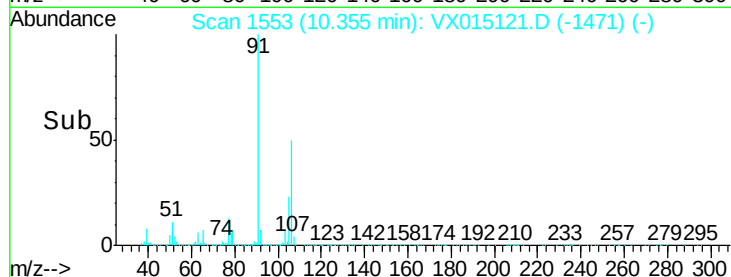
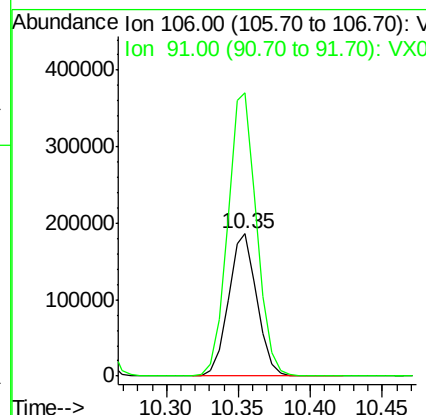
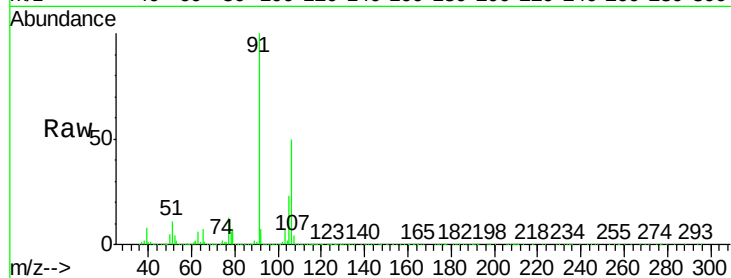
#67
m/p-Xylenes
Concen: 39.233 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	256811		
91	202.3	160.4	240.6	

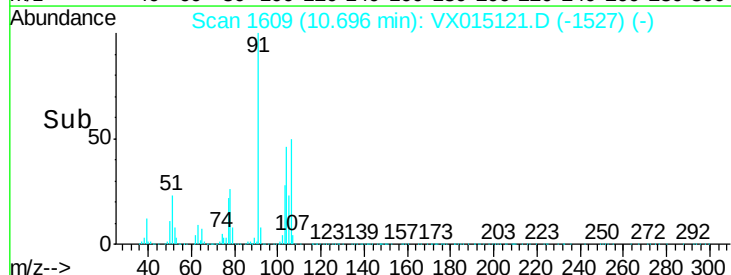
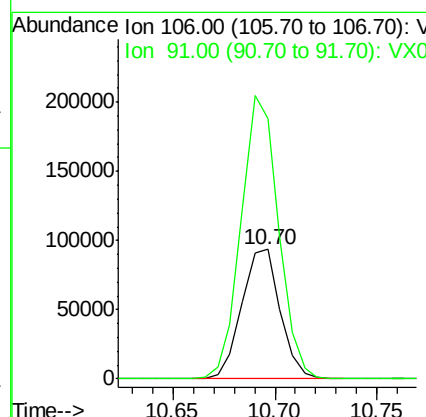
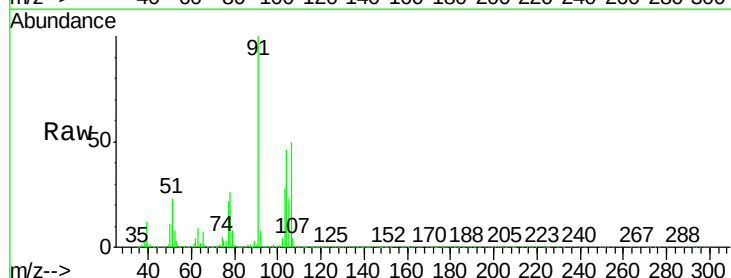
Manual Integrations
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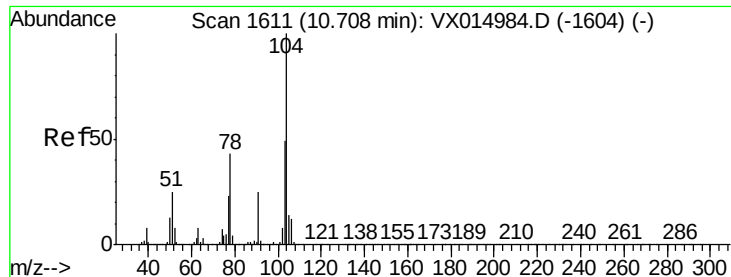
MMDadoda
3/9/2020 9:36:35 AM



#68
o-Xylene
Concen: 19.303 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	122256		
91	212.9	105.3	315.9	





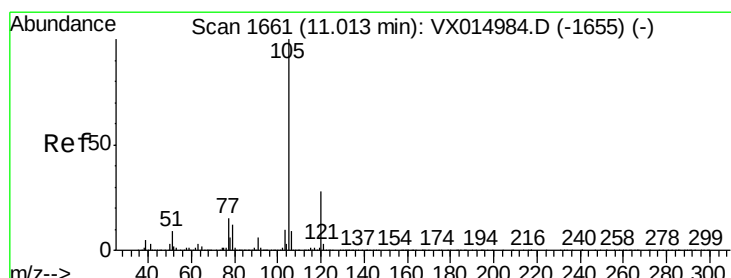
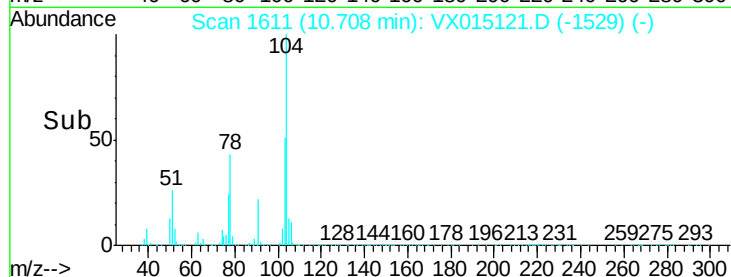
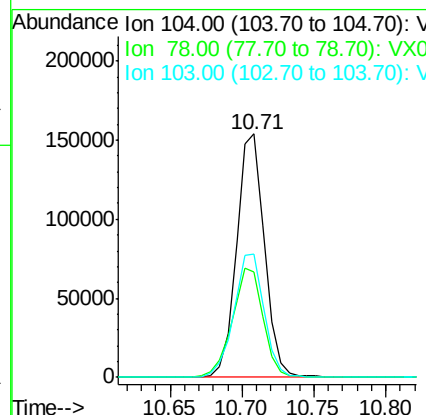
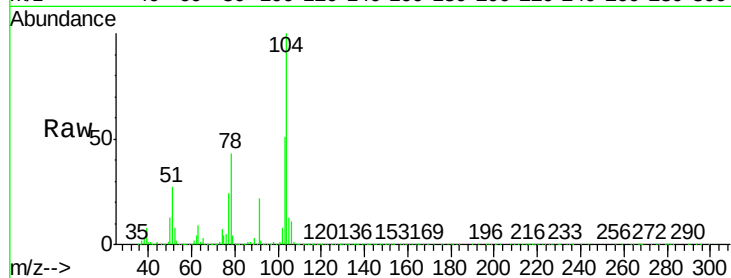
#69
Stvrene
Concen: 19.321 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.4	59.2
103	55.2	42.9	64.3

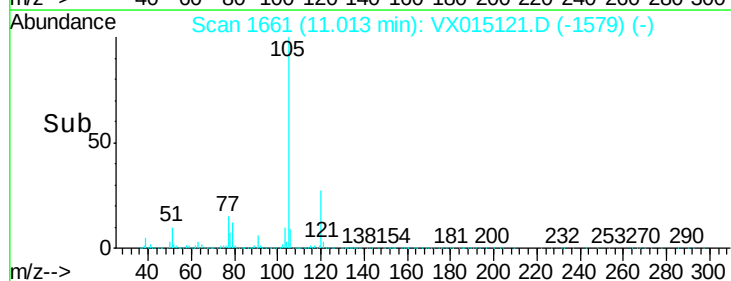
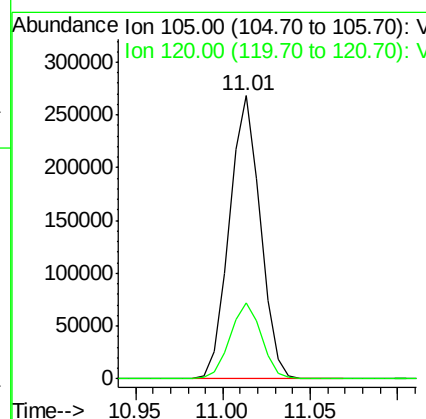
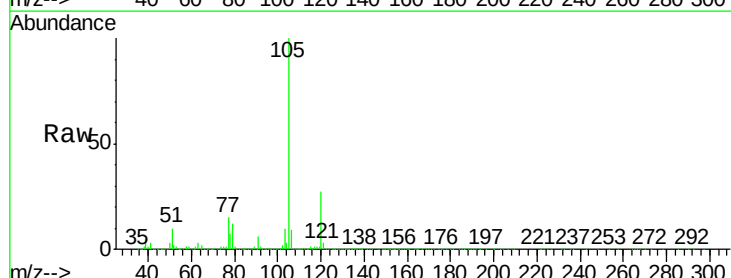
Manual Integrations
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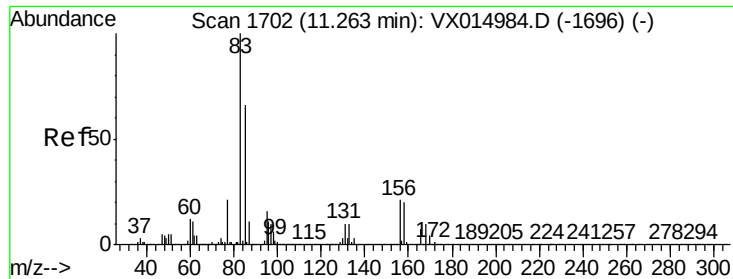
MMDadoda
3/9/2020 9:36:35 AM



#70
Isopropylbenzene
Concen: 19.603 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.174 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

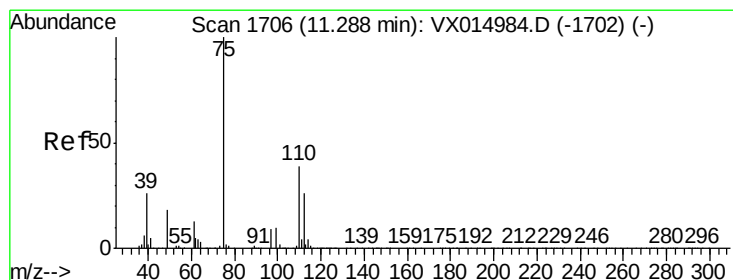
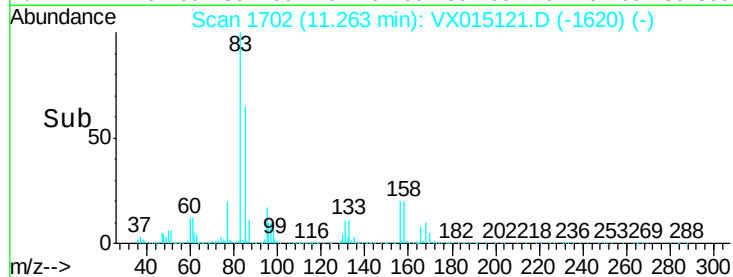
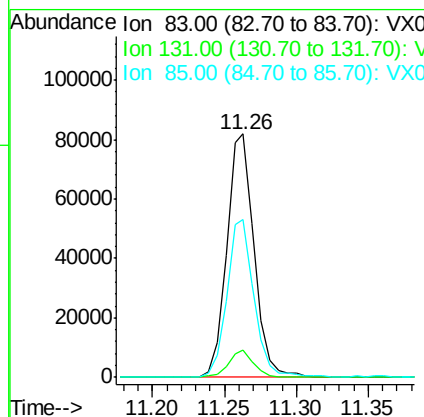
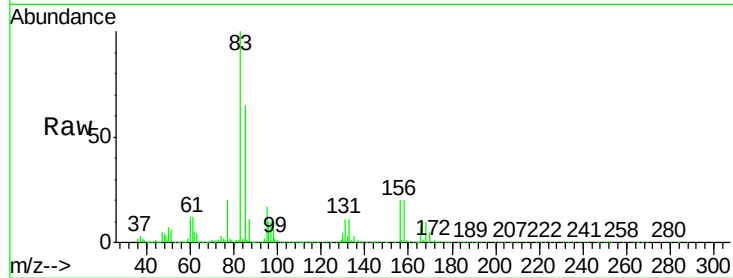
ClientSampleId :

VX0306WBSD01

Tot Ion:	83	Resp:	109277
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.0	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 20.192 ug/l m

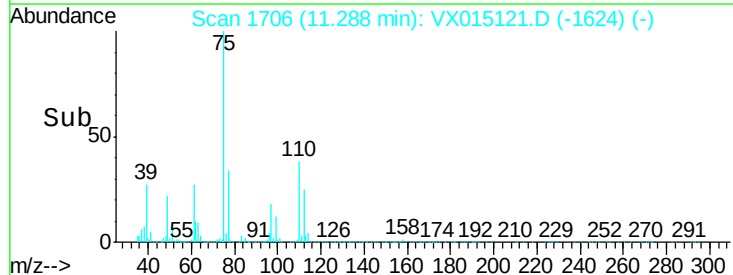
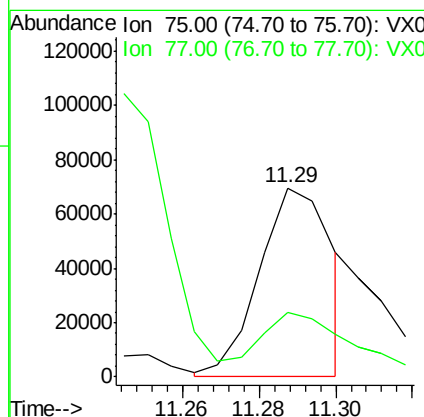
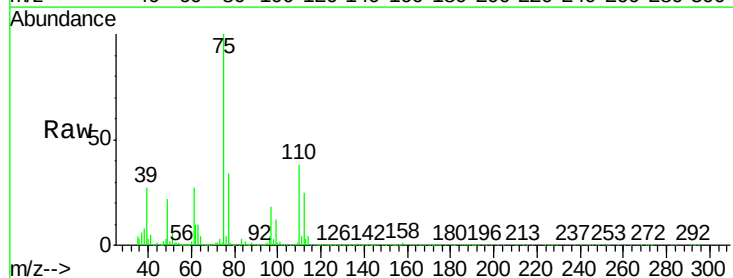
RT: 11.29 min Scan# 1706

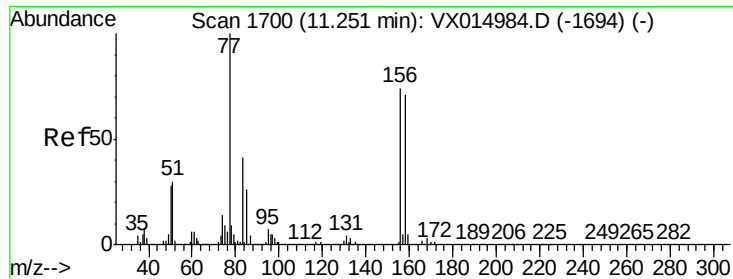
Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	75	Resp:	90726
Ion Ratio	Lower	Upper	
75	100		
77	44.3	0.0	75.4





#73

Bromobenzene

Concen: 19.325 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

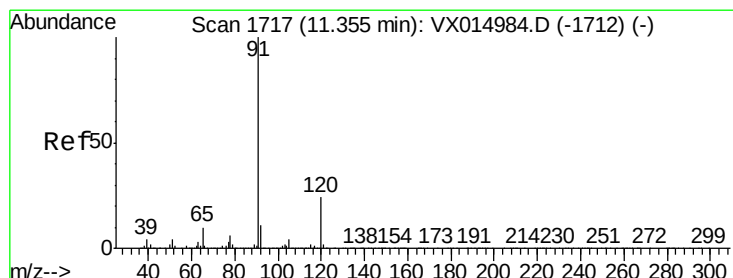
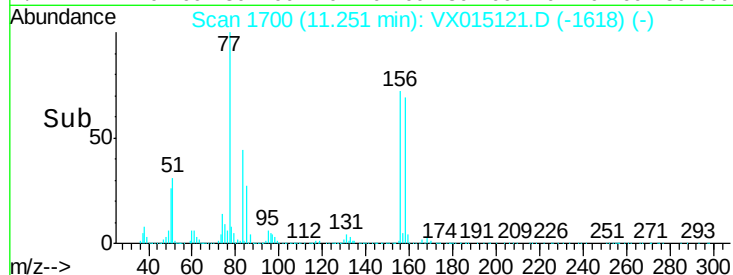
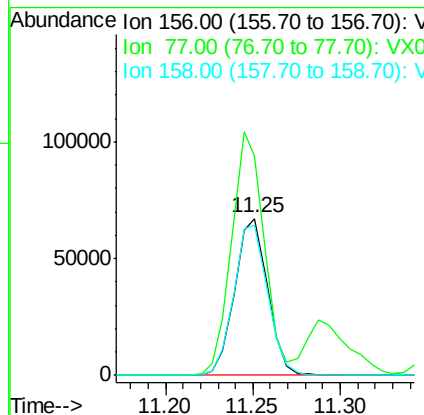
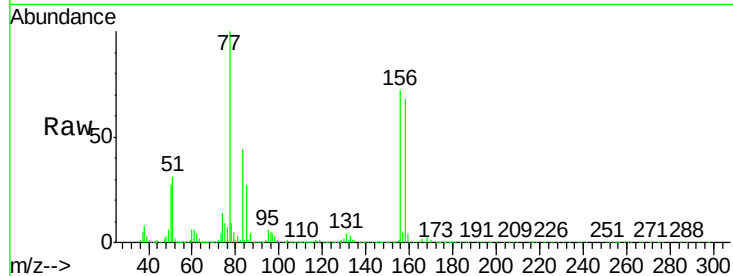
ClientSampleId :

VX0306WBSD01

Tot Ion:	156	Resp:	87848
Ion Ratio	Lower	Upper	
156	100		
77	153.0	0.0	286.8
158	98.9	0.0	191.8

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#74

n-propylbenzene

Concen: 20.296 ug/l

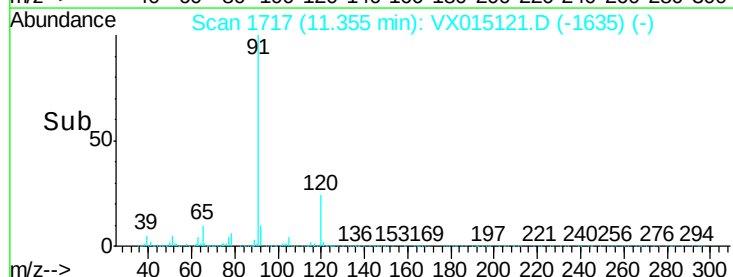
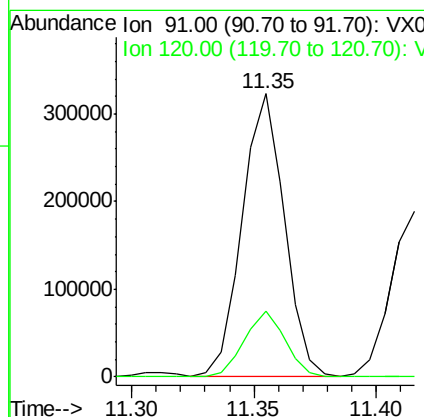
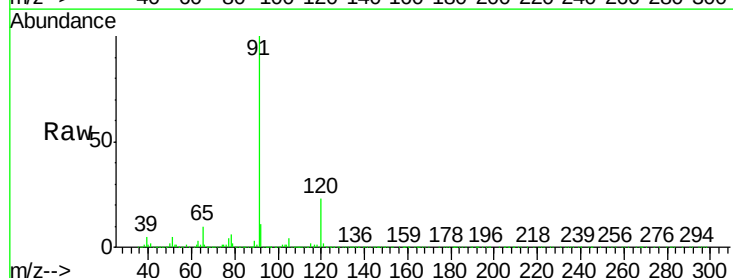
RT: 11.35 min Scan# 1717

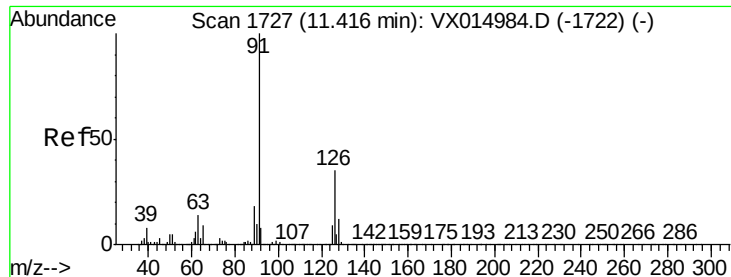
Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion:	91	Resp:	388631
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.435 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampled :

VX0306WBSD01

Tot Ion: 91 Resp: 231234

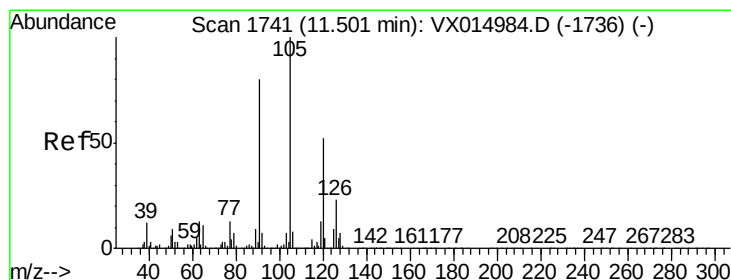
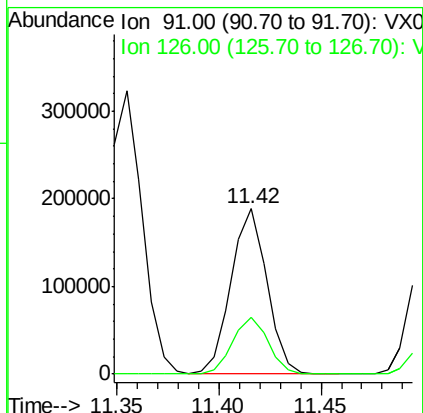
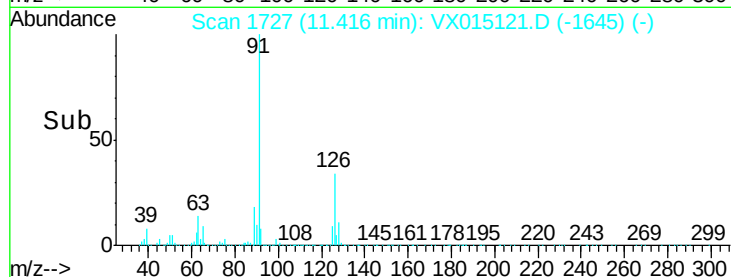
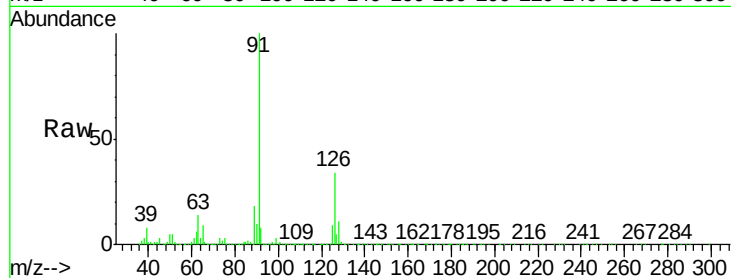
Ion Ratio Lower Upper

91 100

126 34.2 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.506 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015121.D

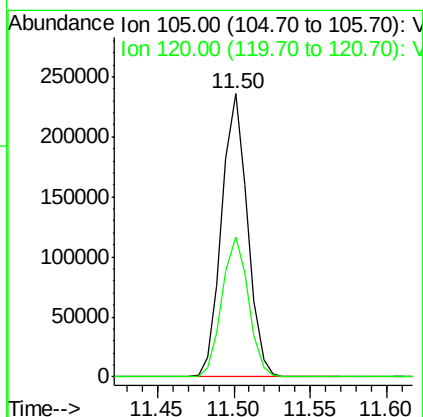
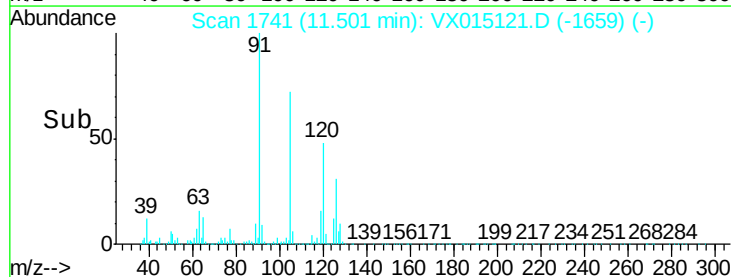
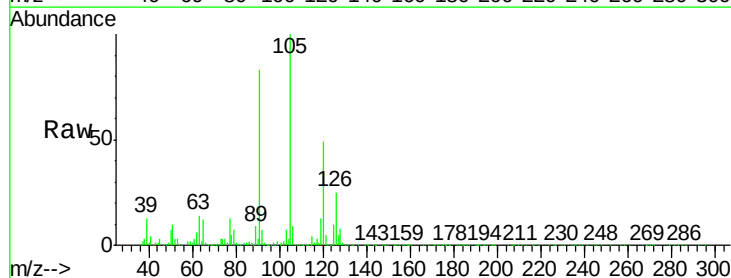
Acq: 06 Mar 2020 13:02

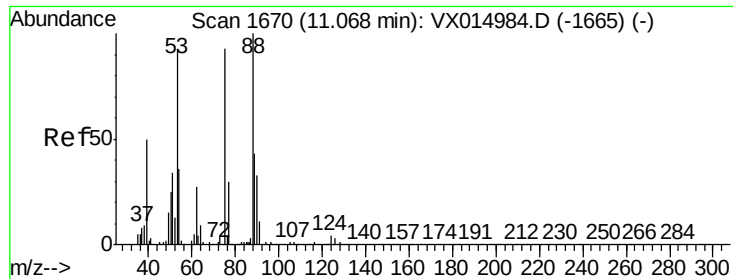
Tgt Ion: 105 Resp: 275025

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0





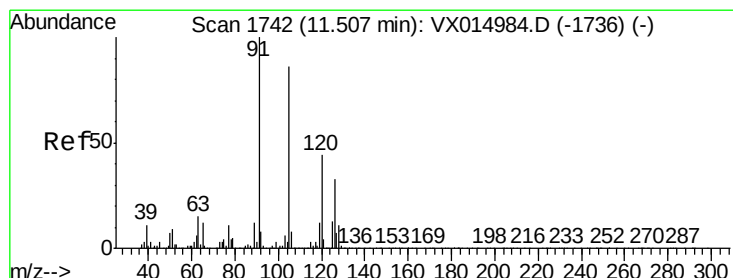
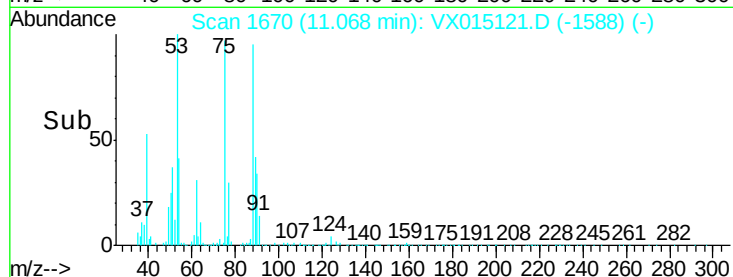
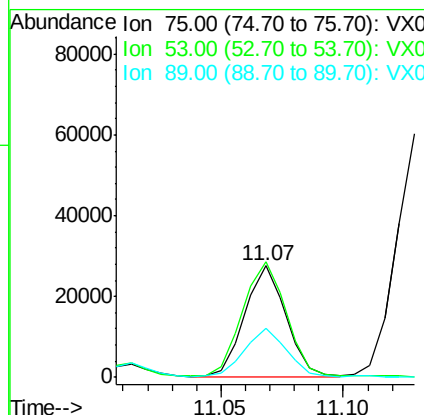
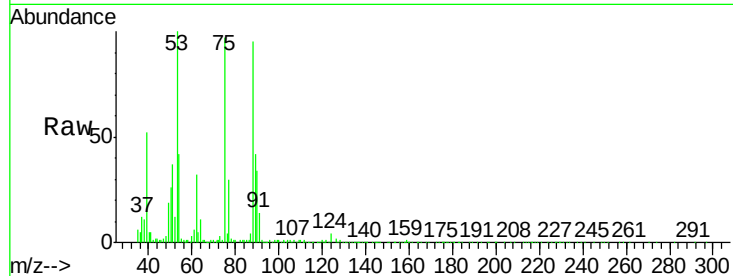
#77
t-1,4-Dichloro-2-butene
Concen: 17.933 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	50.0	149.8
89	43.2	23.5	70.5

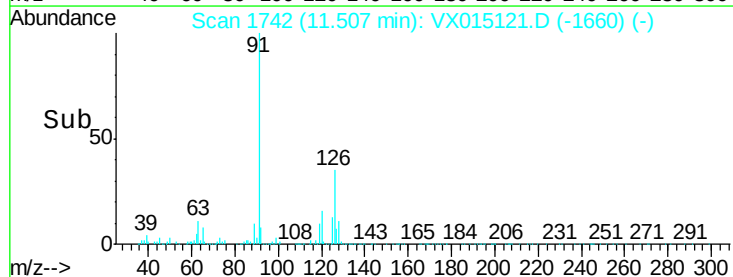
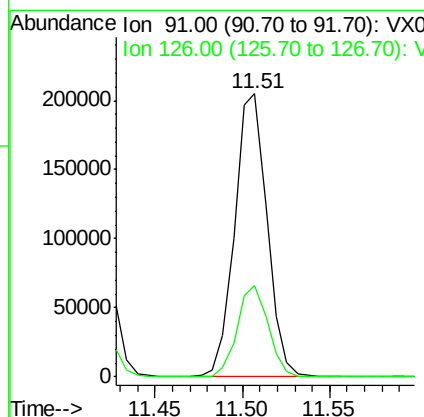
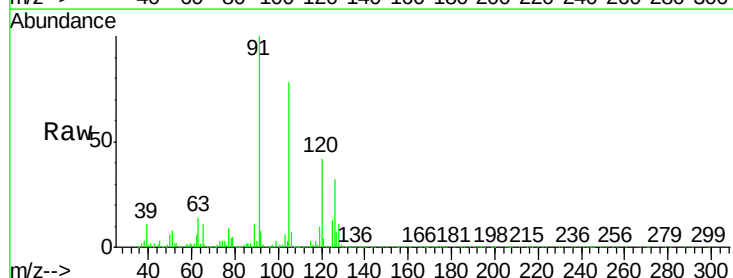
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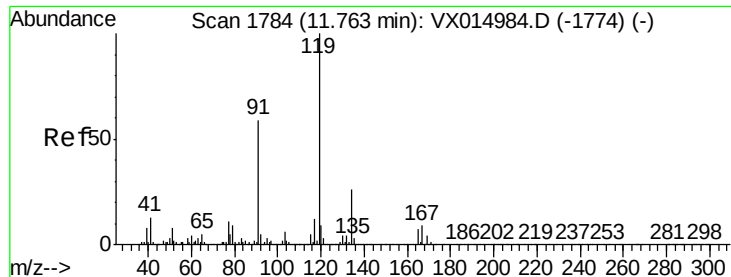
MMDadoda
3/9/2020 9:36:35 AM



#78
4-Chlorotoluene
Concen: 20.134 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	62.0





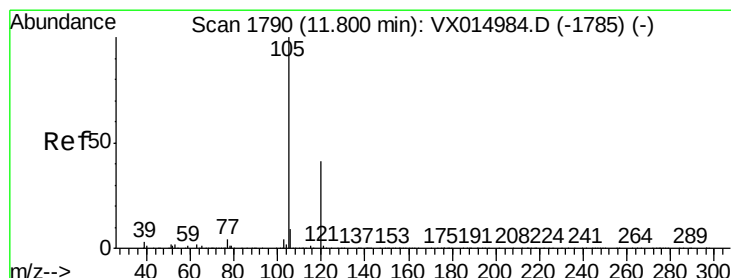
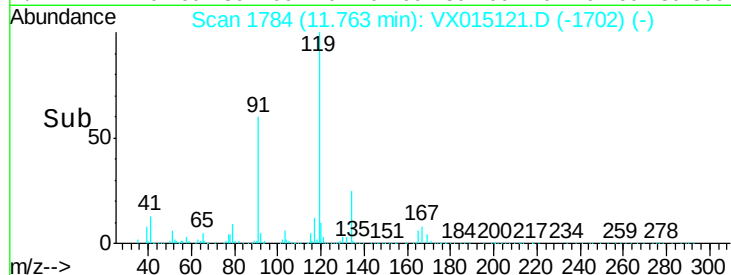
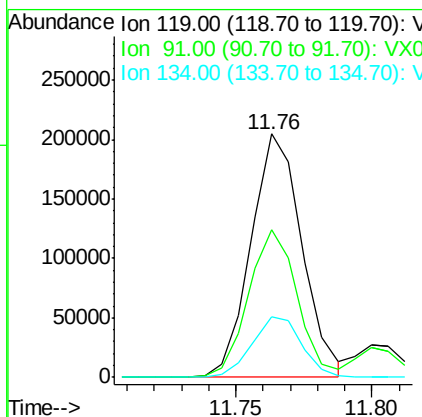
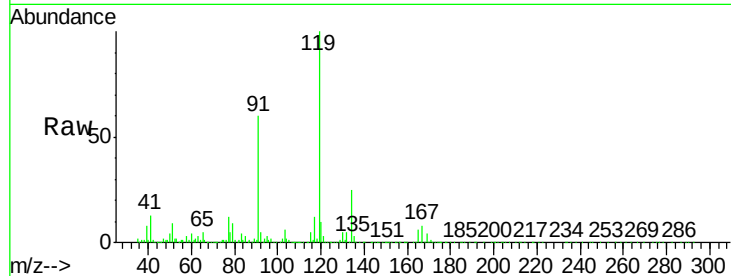
#79
tert-butylbenzene
Concen: 19.558 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampled :
VX0306WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	266422		
91	57.8	0.0	114.4	
134	24.6	0.0	48.8	

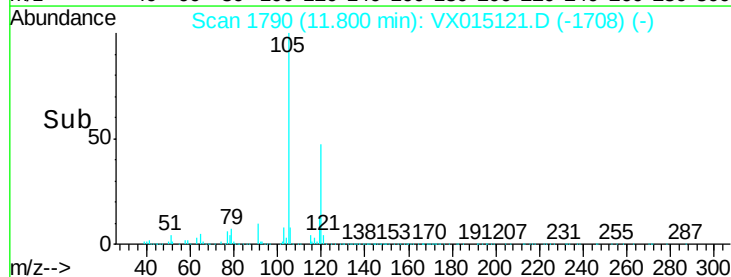
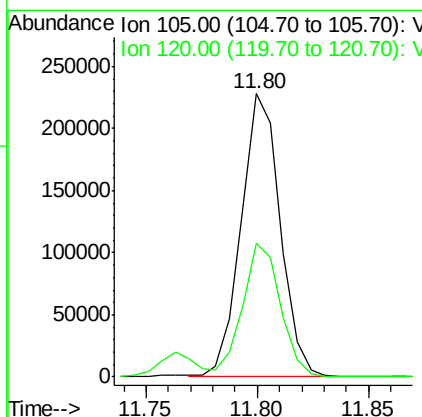
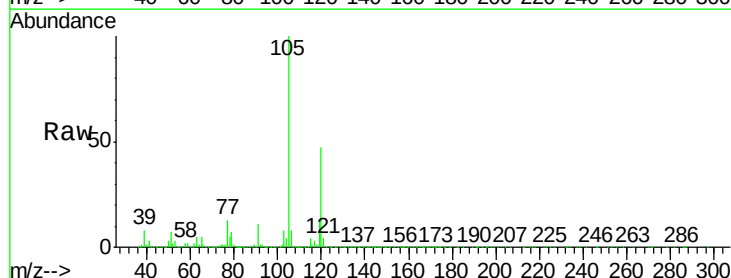
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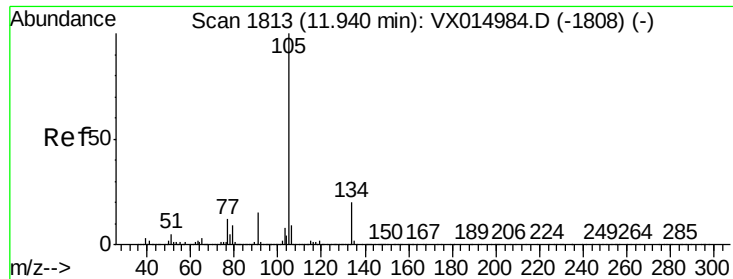
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#80
1,2,4-Trimethylbenzene
Concen: 19.827 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277924		
120	45.9	0.0	93.4	





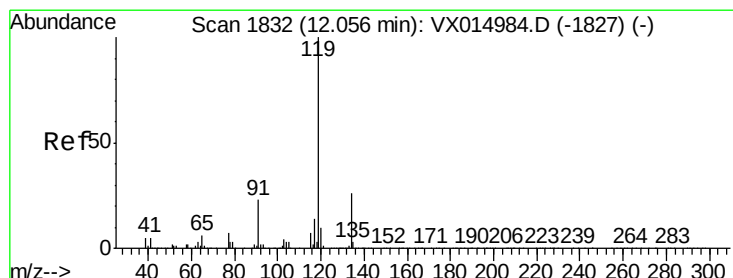
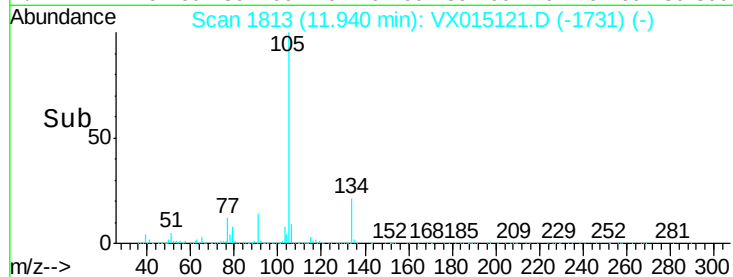
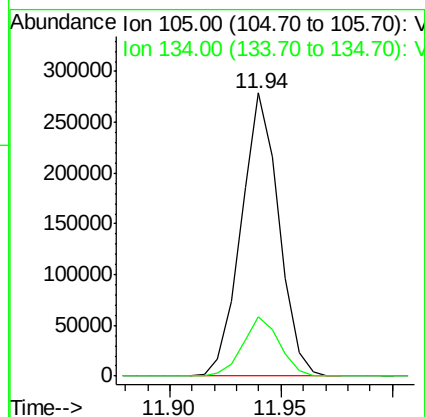
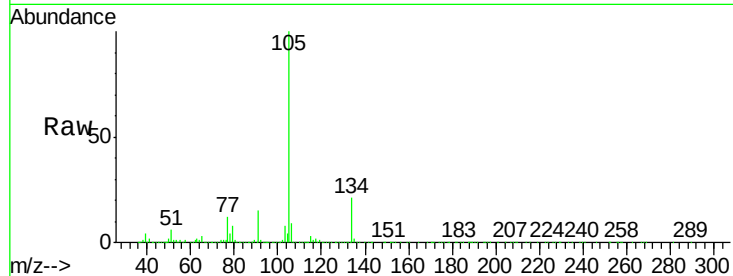
#81
 sec-Butylbenzene
 Concen: 20.034 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	326819		
134	20.4	0.0	40.8	

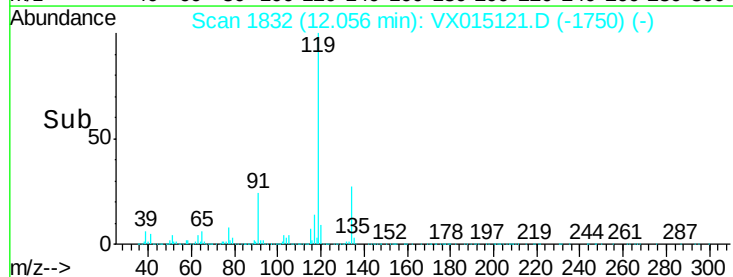
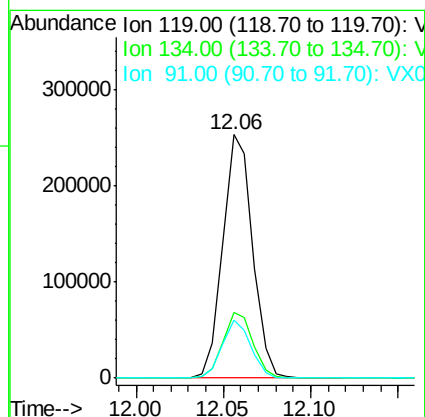
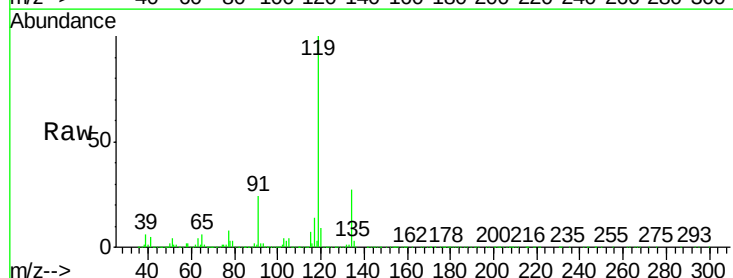
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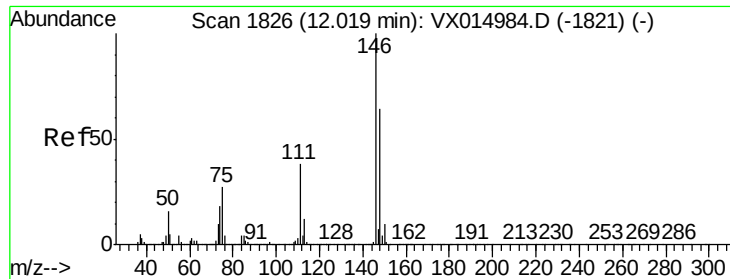
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#82
 p-Isopropyltoluene
 Concen: 19.693 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	298446		
134	26.8	0.0	53.2	
91	23.0	0.0	44.6	





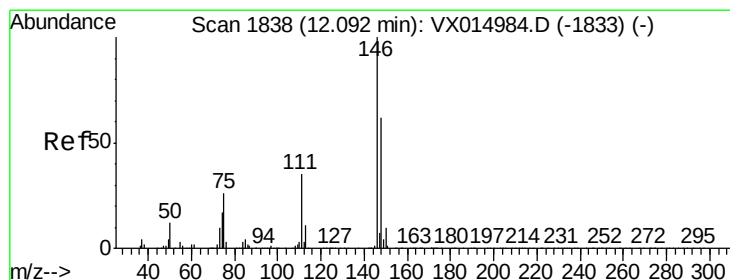
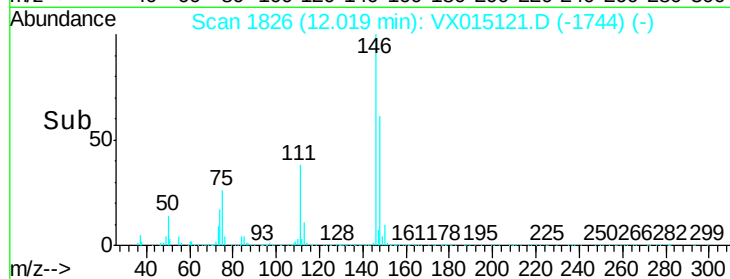
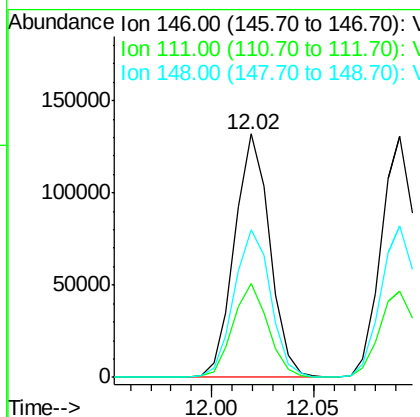
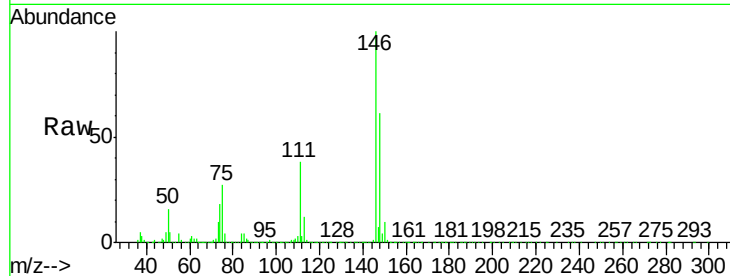
#83
 1,3-Dichlorobenzene
 Concen: 19.733 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	62.9	32.3	96.9

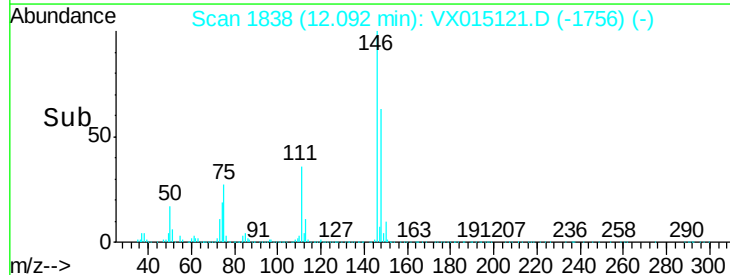
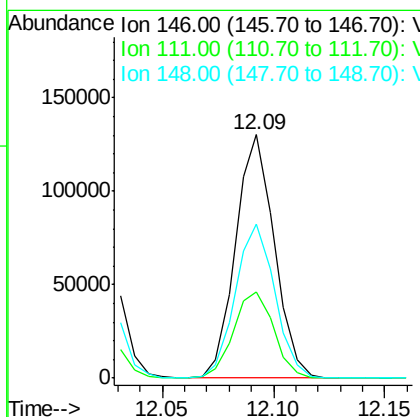
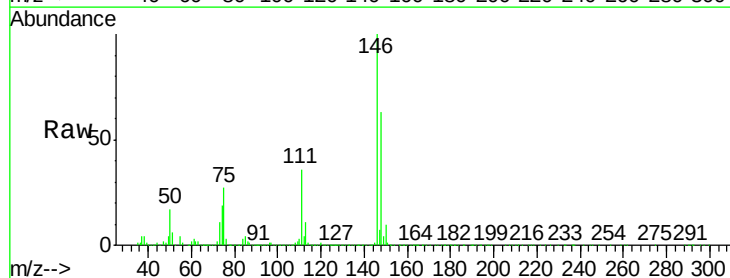
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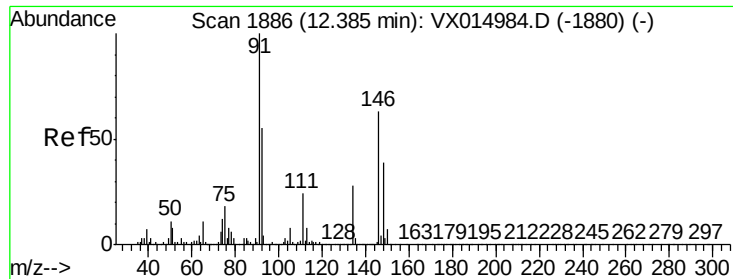
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#84
 1,4-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.8	53.5
148	64.7	31.4	94.2





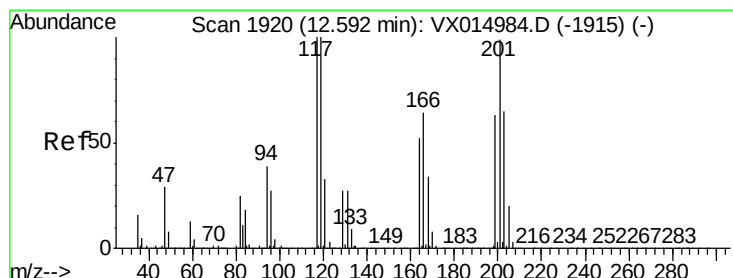
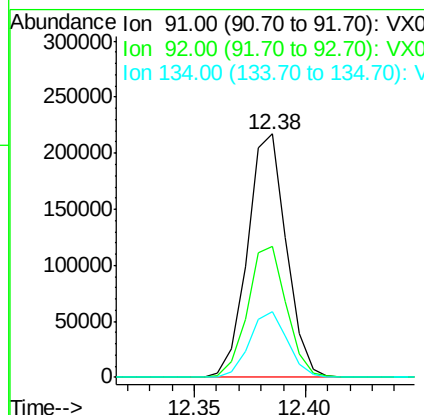
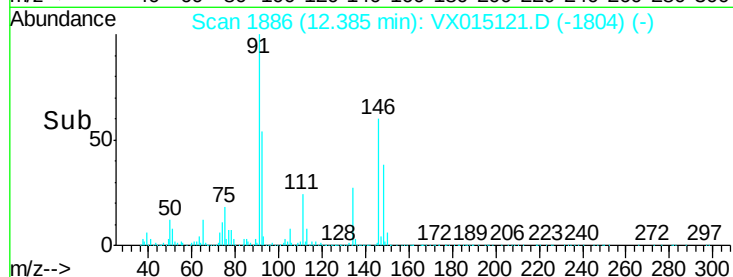
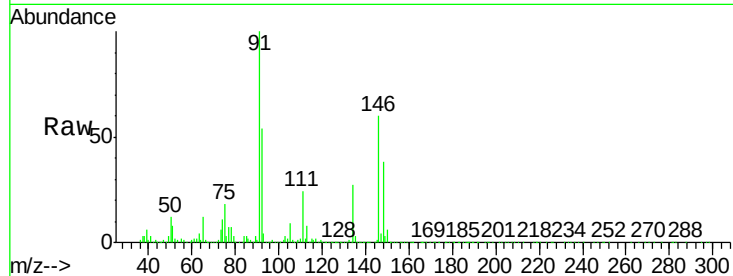
#85
n-Butylbenzene
Concen: 19.985 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	0.0	109.8
134	26.5	0.0	54.8

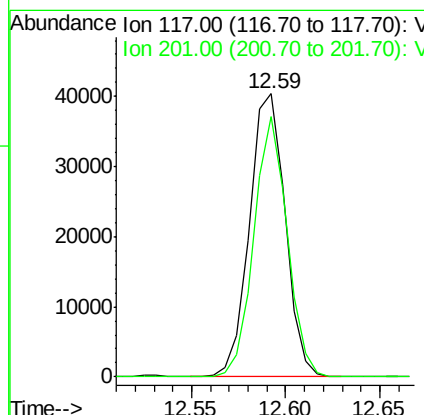
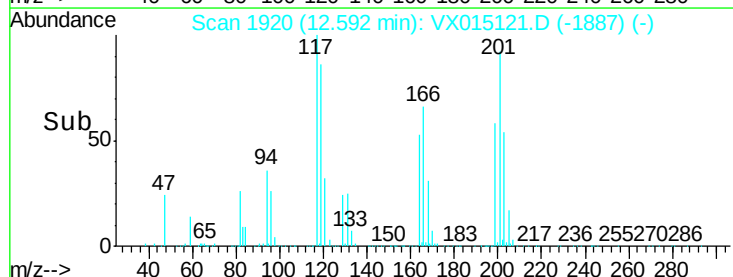
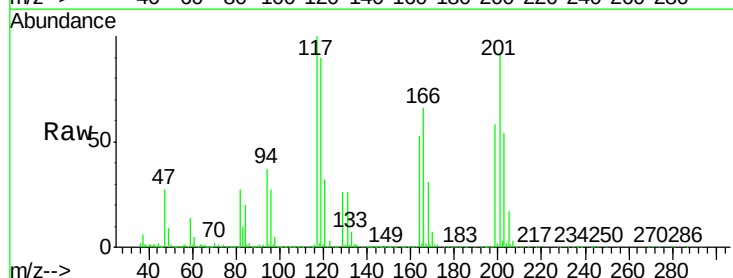
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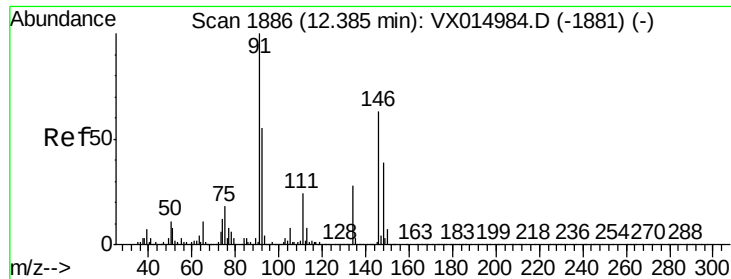
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#86
Hexachloroethane
Concen: 19.284 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 20.244 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

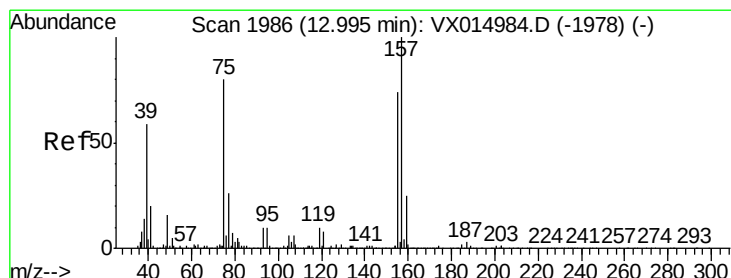
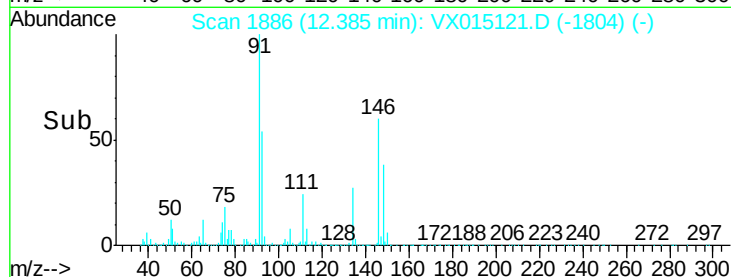
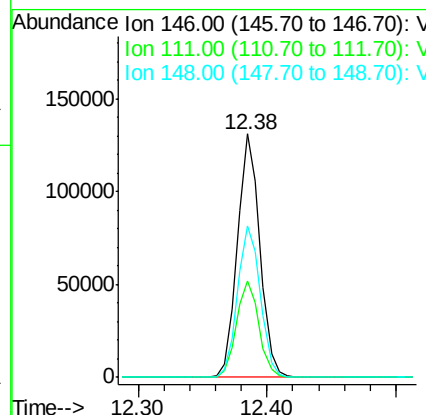
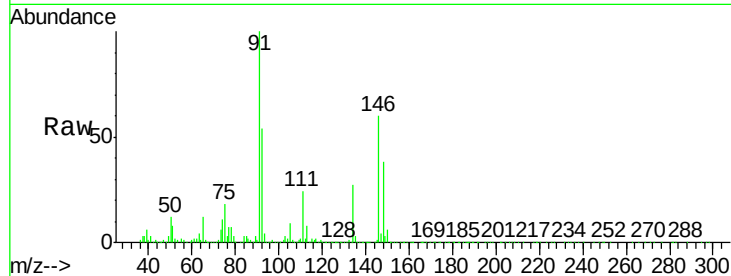
Instrument :
MSVOA_X

ClientSampled :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	62.9	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.900 ug/l

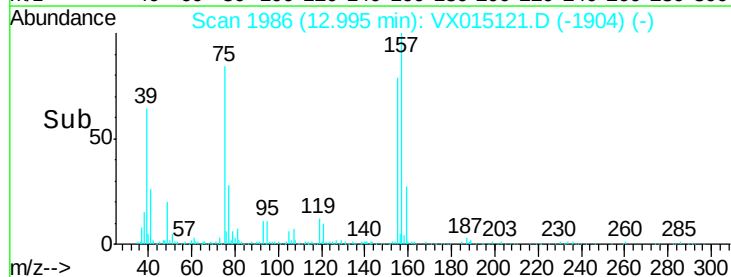
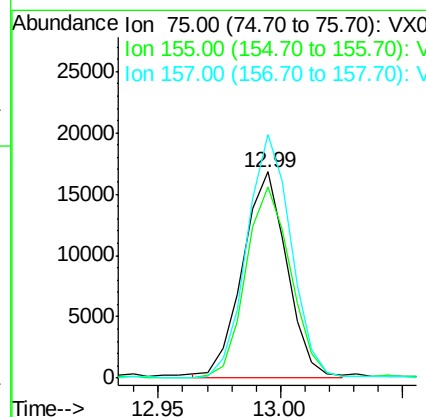
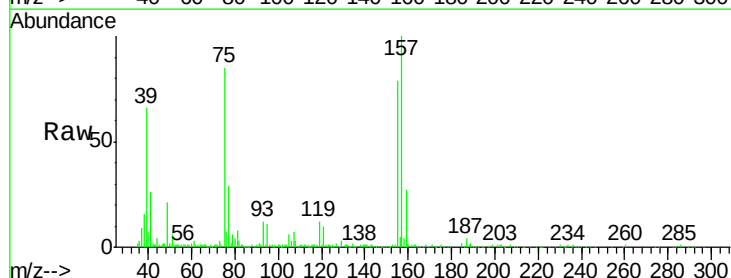
RT: 12.99 min Scan# 1986

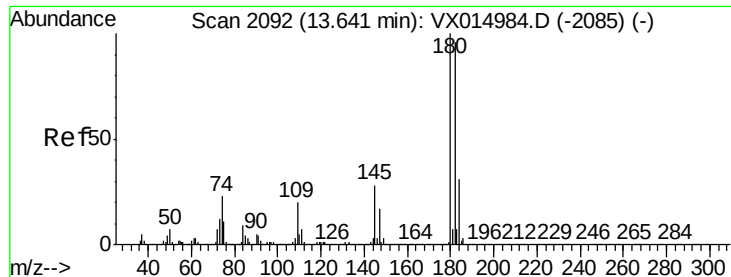
Delta R.T. 0.00 min

Lab File: VX015121.D

Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	74.5	111.7
157	118.0	96.2	144.4





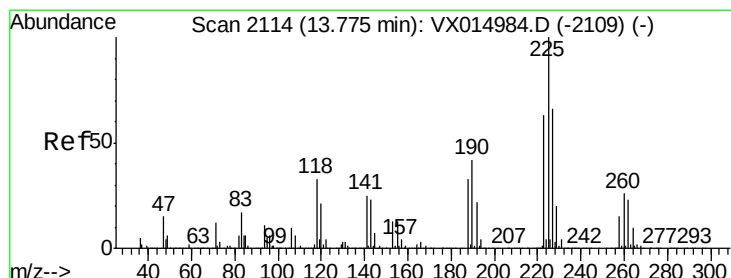
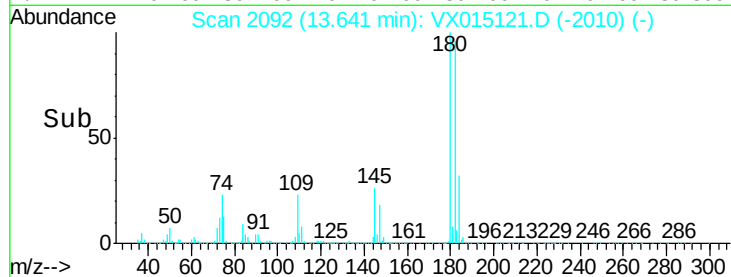
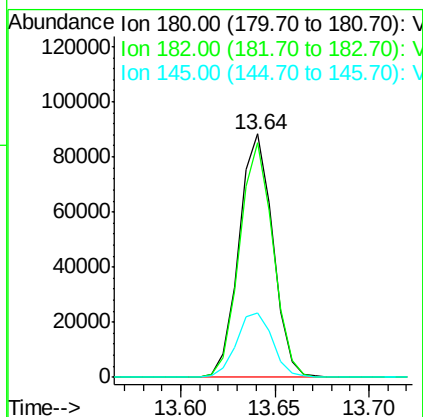
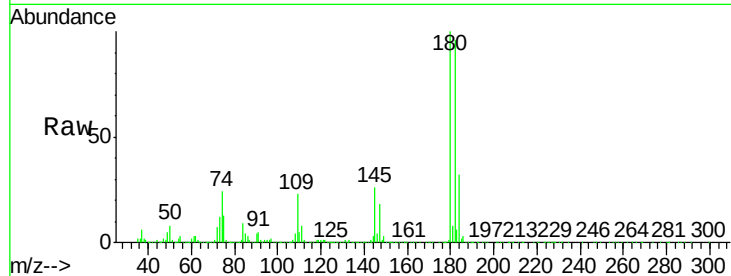
#89
 1,2,4-Trichlorobenzene
 Concen: 19.317 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	110152		
182	95.0	76.4	114.6	
145	28.1	21.8	32.6	

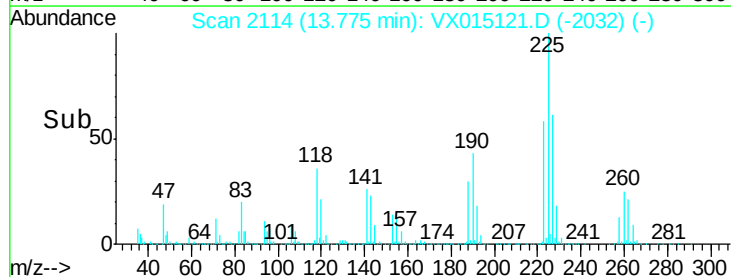
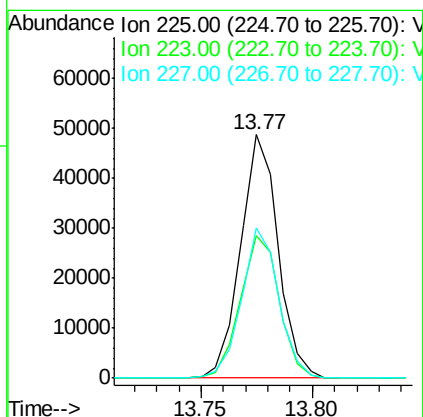
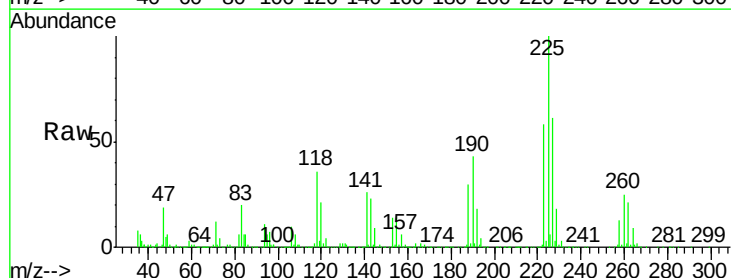
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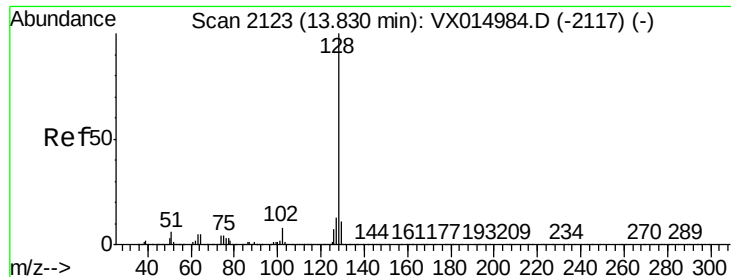
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#90
 Hexachlorobutadiene
 Concen: 20.186 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015121.D
 Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57167		
223	60.9	0.0	132.0	
227	61.2	0.0	131.0	





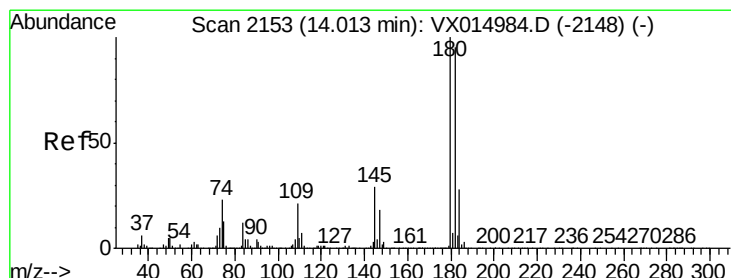
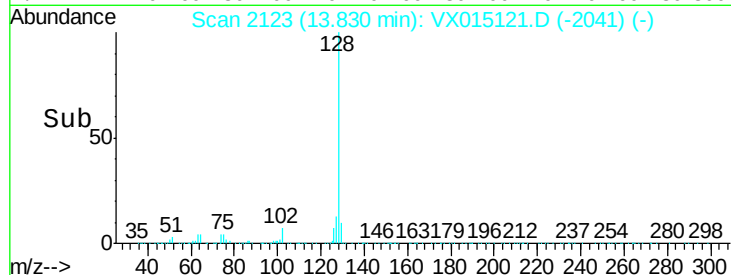
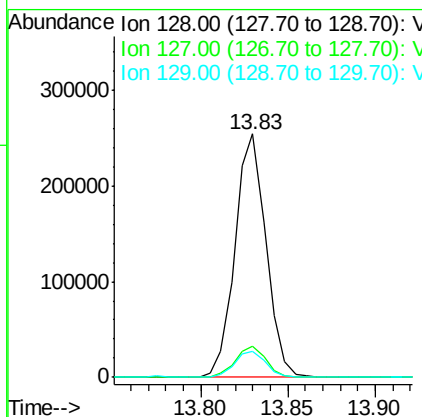
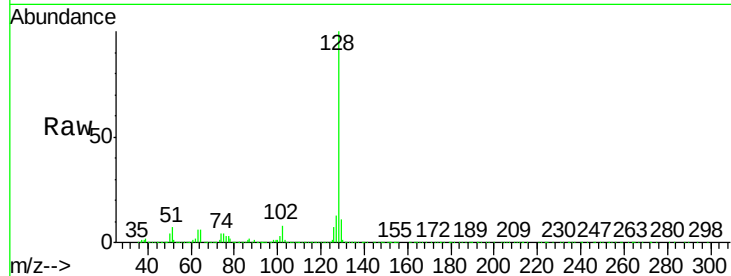
#91
Naphthalene
Concen: 19.365 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampled :
VX0306WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 19.940 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015121.D
Acq: 06 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	192.4
145	29.6	0.0	60.4

