

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015275.D
 Acq On : 13 Mar 2020 22:29
 Operator : JC/SP
 Sample : VX0313WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0313WBS02

Manual Integrations
 APPROVED

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 3/16/2020 2:07:34 PM

Quant Time: Mar 16 09:43:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	48795	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	282199	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	267761	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	102221	31.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.50%
60) 4-Bromofluorobenzene	11.13	95	125792	29.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.37%
63) Toluene-d8	8.71	98	353790	30.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	41759	17.017	ug/l 94
3) Chloromethane	1.32	50	57862	16.331	ug/l 98
4) Vinyl Chloride	1.40	62	56917	15.787	ug/l 99
5) Bromomethane	1.64	94	35552	15.136	ug/l 94
6) Chloroethane	1.72	64	36192	15.982	ug/l 96
7) Trichlorofluoromethane	1.93	101	69600	15.142	ug/l 96
8) Diethyl Ether	2.18	74	33094	16.245	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43781	15.532	ug/l 98
10) 1,1-Dichloroethene	2.37	96	46235	16.269	ug/l 97
11) Methyl Iodide	2.50	142	40850	13.975	ug/l 98
12) Methyl Acetate	2.76	43	65555	18.700	ug/l 97
13) Acrolein	2.29	56	39450	71.258	ug/l 98
14) Acrylonitrile	3.14	53	150405	92.456	ug/l 98
15) Acetone	2.44	58	38263	80.162	ug/l 96
16) Carbon Disulfide	2.56	76	128477	16.144	ug/l 98
17) Allyl chloride	2.72	41	88104	16.711	ug/l 98
18) Methylene Chloride	2.85	84	55959	17.424	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	52137	17.008	ug/l 99
20) Diisopropyl ether	3.84	45	186039	17.763	ug/l 97
21) 1,1-Dichloroethane	3.69	63	97689	17.604	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	61171	17.654	ug/l 98
23) tert-Butyl Alcohol	3.03	59	58280	91.633	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	159863	17.410	ug/l 97
25) Chloroform	5.20	83	97033	18.381	ug/l 98
26) Cyclohexane	5.58	56	91529	17.748	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	75937	17.536	ug/l 99
30) 2-Butanone	4.66	43	207535	89.490	ug/l 99
31) 2,2-Dichloropropane	4.58	77	61201	13.757	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	81981	17.396	ug/l 98
33) Carbon Tetrachloride	5.78	117	69991	17.355	ug/l 98
34) Benzene	6.14	78	244011	18.595	ug/l 98
35) Methacrylonitrile	5.03	41	43882	17.502	ug/l 97
37) Trichloroethene	7.21	130	68781	18.953	ug/l 94
38) Methylcyclohexane	7.46	83	91013	17.297	ug/l 99
39) 1,2-Dichloropropane	7.51	63	66149	19.514	ug/l 93
40) Dibromomethane	7.65	93	41846	19.423	ug/l 99
41) Bromodichloromethane	7.89	83	82684	19.404	ug/l 96

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Manual Integrations
 APPROVED

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Quant Time: Mar 16 09:43:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.81	43	767995	83.977	ug/l	100
43) Ethyl Acetate	4.82	43	83246	18.919	ug/l	97
44) Isopropyl Acetate	6.43	43	144636	19.434	ug/l	99
45) 1,4-Dioxane	7.74	88	30933	423.182	ug/l	95
46) Methyl methacrylate	7.76	41	69241	18.867	ug/l	98
47) n-amyl Acetate	10.89	43	122186	18.296	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	87656	18.918	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	96681	18.373	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	65312	20.502	ug/l	96
51) Ethyl methacrylate	9.17	69	98364	19.788	ug/l	98
52) 1,3-Dichloropropane	9.37	76	113326	21.018	ug/l	100
53) Dibromochloromethane	9.57	129	68210	20.105	ug/l	97
54) 1,2-Dibromoethane	9.67	107	69595	21.177	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	251227	100.909	ug/l	99
56) Bromoform	10.85	173	50192	18.869	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	467552	102.567	ug/l	100
59) 2-Hexanone	9.48	43	349559	101.456	ug/l	100
61) Tetrachloroethene	9.33	164	71384	19.152	ug/l	95
62) Toluene	8.78	91	271609	19.169	ug/l	100
64) Chlorobenzene	10.14	112	169934	18.770	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.21	131	62114	18.626	ug/l	98
66) Ethyl Benzene	10.25	91	288427	18.273	ug/l	99
67) m/p-Xylenes	10.35	106	228905	37.779	ug/l	98
68) o-Xylene	10.70	106	107120	18.440	ug/l	98
69) Styrene	10.71	104	189631	18.757	ug/l	100
70) Isopropylbenzene	11.01	105	283760	18.352	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	99170	19.758	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	82364m	20.048	ug/l	
73) Bromobenzene	11.25	156	78825	18.693	ug/l	98
74) n-propylbenzene	11.35	91	331399	18.142	ug/l	99
75) 2-Chlorotoluene	11.42	91	201582	18.901	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	233243	17.671	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	29291	17.024	ug/l	97
78) 4-Chlorotoluene	11.51	91	223476	18.200	ug/l	99
79) tert-butylbenzene	11.76	119	228142	18.436	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	246479	18.888	ug/l	100
81) sec-Butylbenzene	11.94	105	279133	18.176	ug/l	99
82) p-Isopropyltoluene	12.06	119	257640	18.243	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	138074	18.531	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	137727	18.480	ug/l	100
85) n-Butylbenzene	12.39	91	214808	17.356	ug/l	99
86) Hexachloroethane	12.59	117	43756	17.698	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	134492	18.513	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	19355	18.730	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	92260	17.182	ug/l	100
90) Hexachlorobutadiene	13.78	225	44893	16.251	ug/l	99
91) Naphthalene	13.83	128	268013	18.017	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	95808	17.728	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

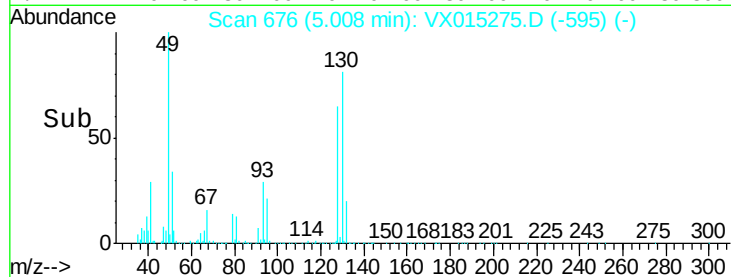
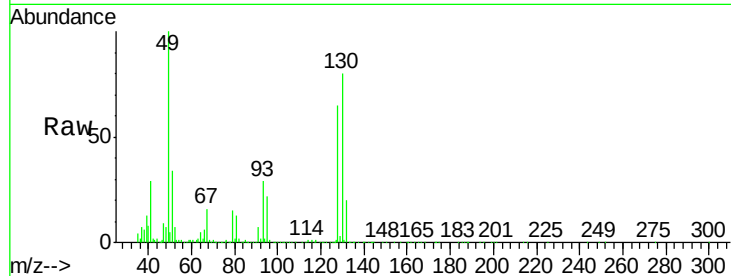
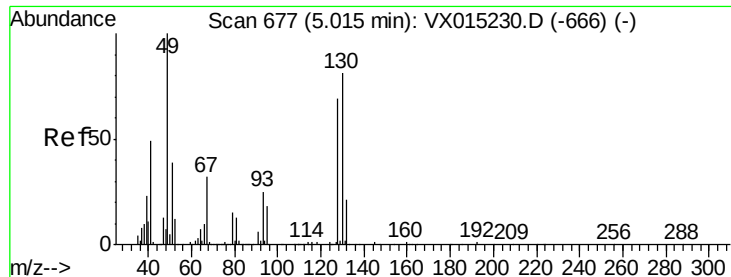
Manual Integrations
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Quant Time: Mar 16 09:43:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

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



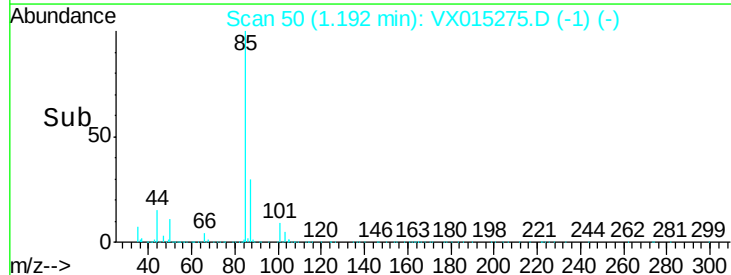
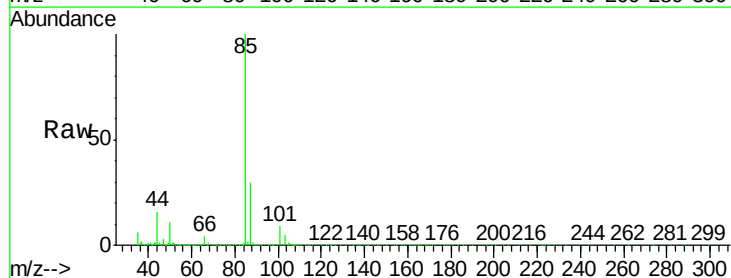
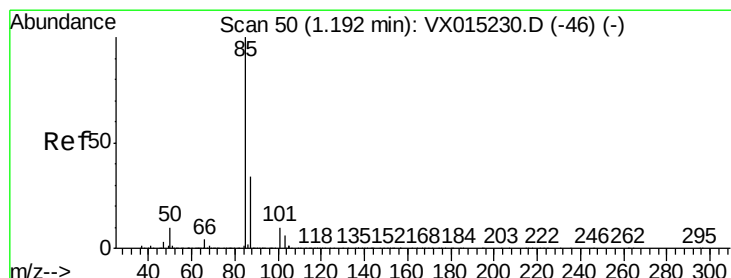
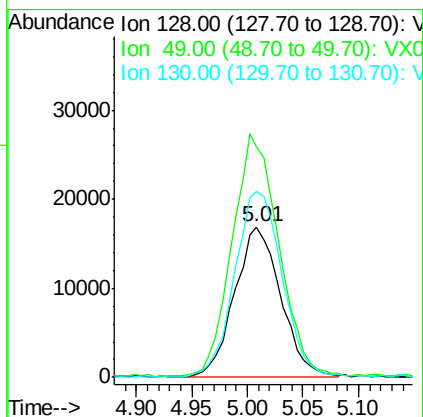
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tot Ion	Ratio	Lower	Upper
128	100		
49	164.7	0.0	406.8
130	127.3	0.0	319.3

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

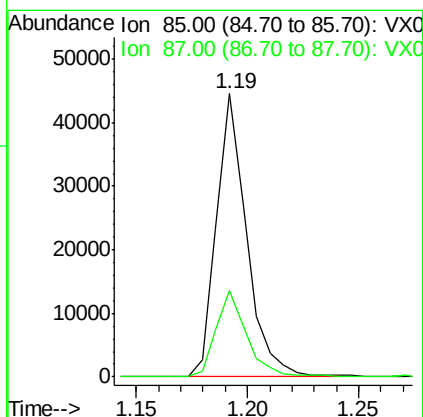
Manual Integrations
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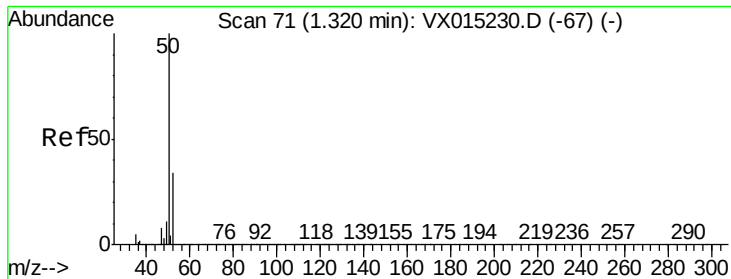
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#2
Dichlorodifluoromethane
Concen: 17.017 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.1	16.7	50.1





#3

Chloromethane

Concen: 16.331 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 50 Resp: 57862

Ion Ratio Lower Upper

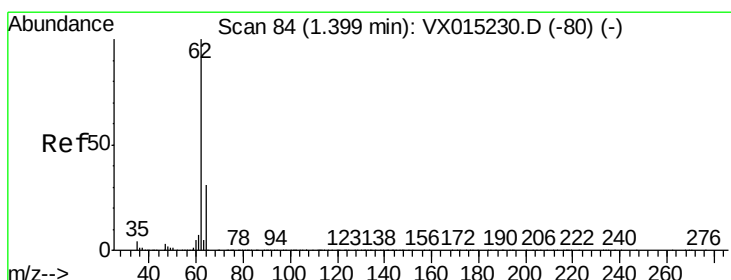
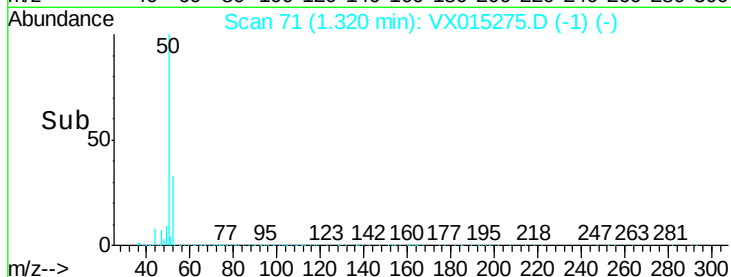
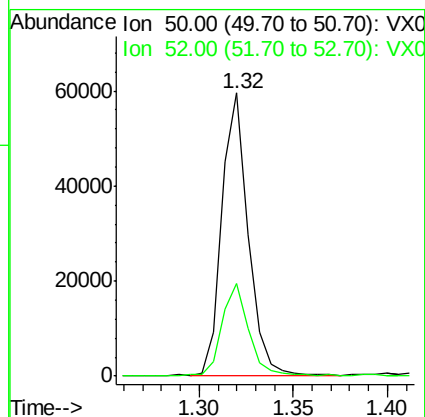
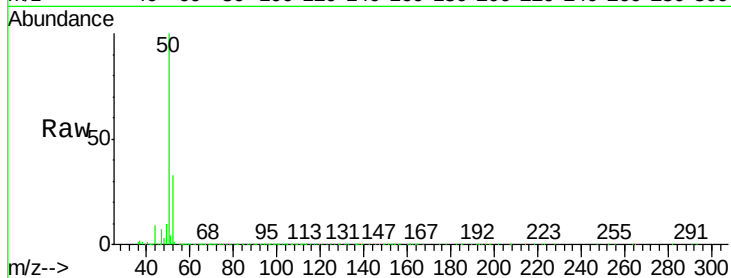
50 100

52 32.6 26.9 40.3

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#4

Vinyl Chloride

Concen: 15.787 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015275.D

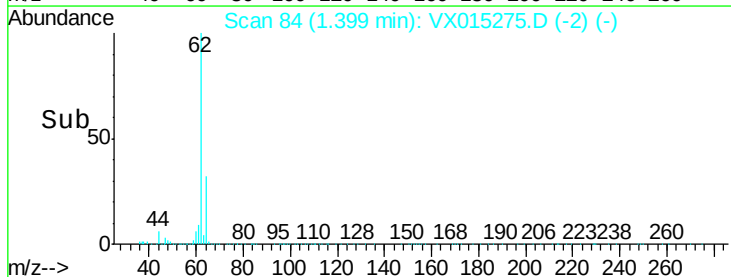
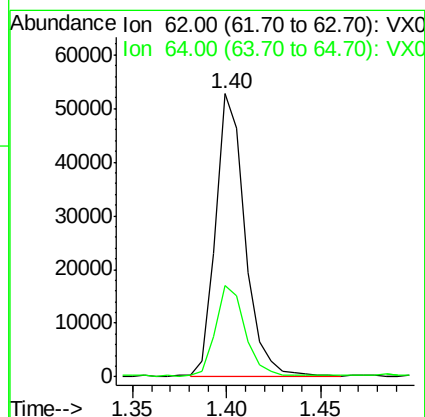
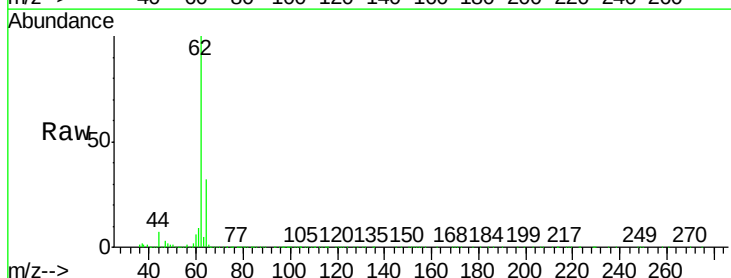
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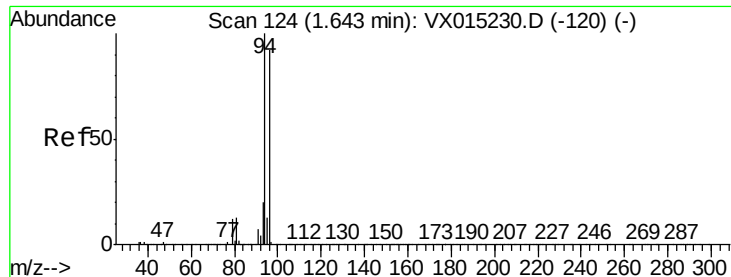
Tgt Ion: 62 Resp: 56917

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3





#5

Bromomethane

Concen: 15.136 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 94 Resp: 3552

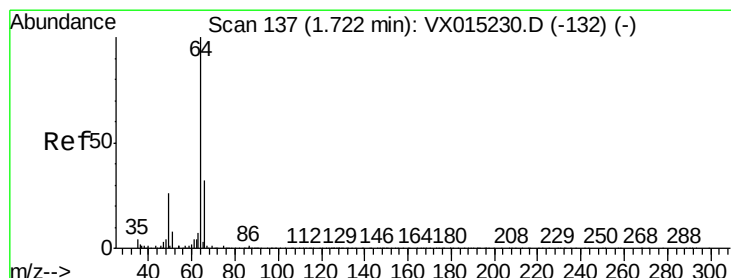
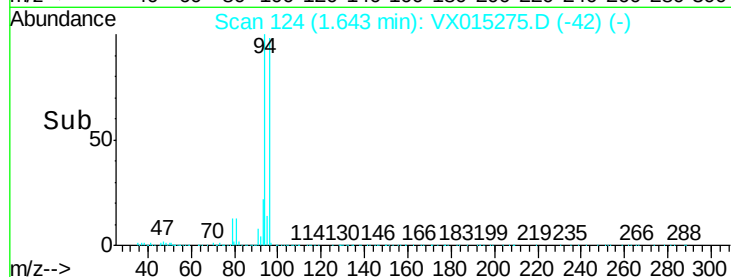
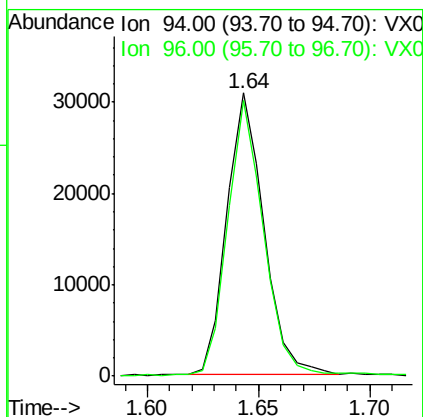
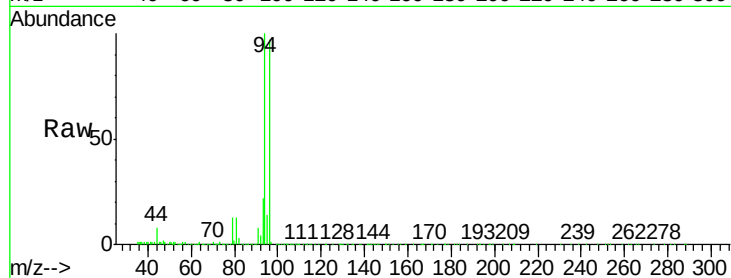
Ion Ratio Lower Upper

94 100

96 97.3 73.0 109.4

Manual Integrations
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#6

Chloroethane

Concen: 15.982 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015275.D

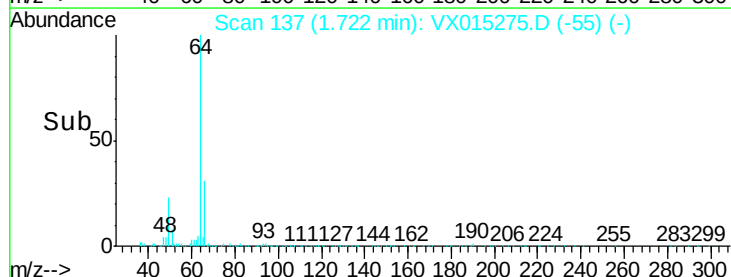
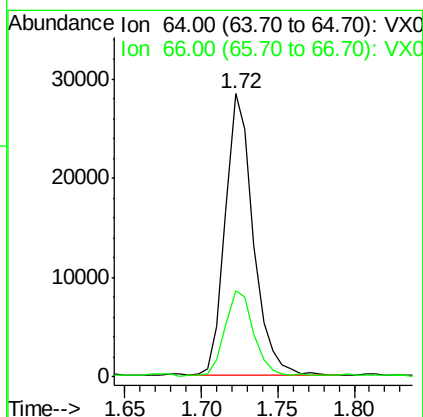
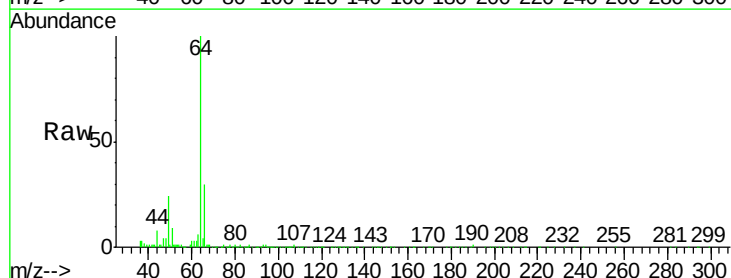
Acq: 13 Mar 2020 22:29

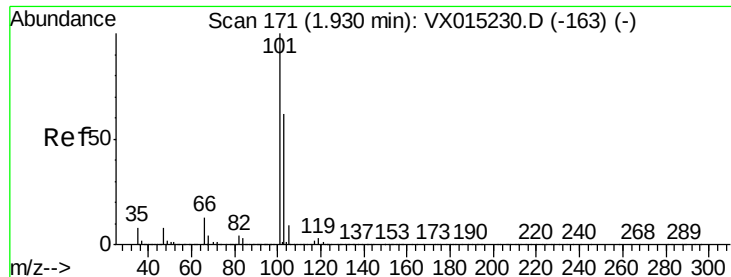
Tgt Ion: 64 Resp: 36192

Ion Ratio Lower Upper

64 100

66 30.2 25.9 38.9





#7

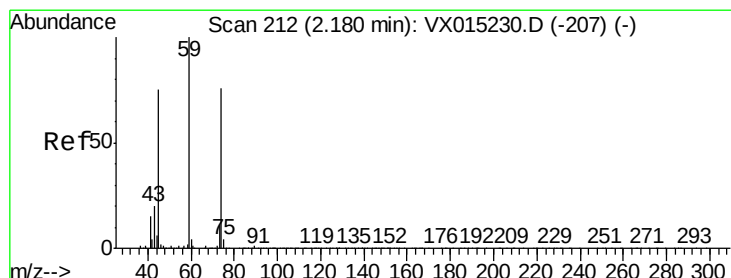
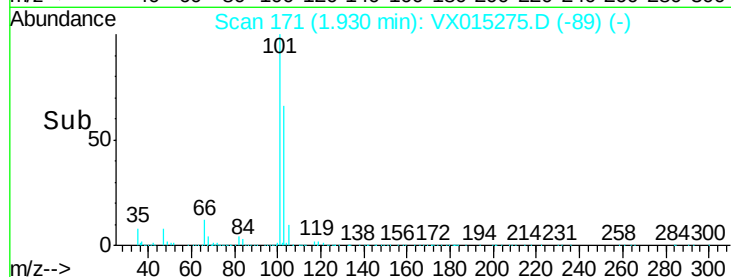
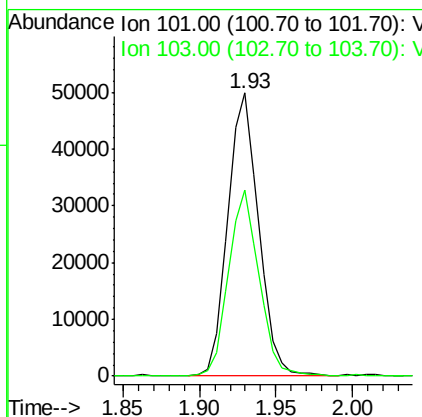
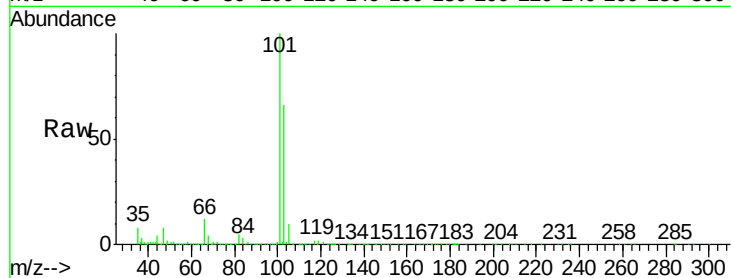
Trichlorofluoromethane
Concen: 15.142 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	49.9	74.9

Manual Integrations
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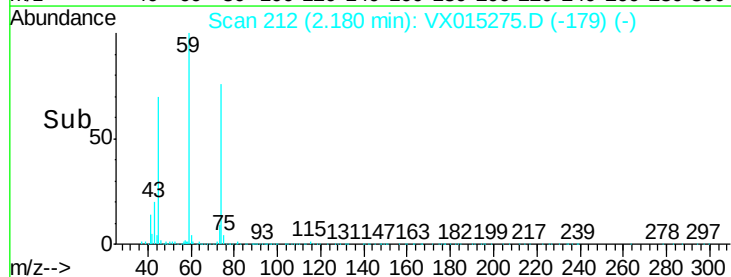
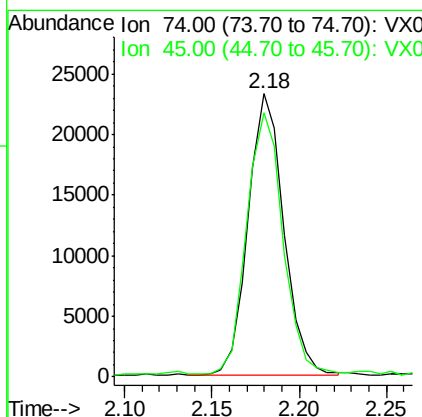
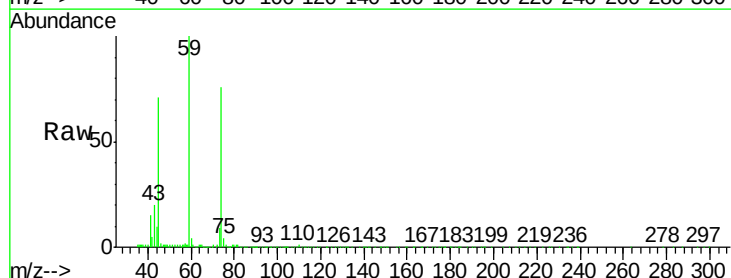
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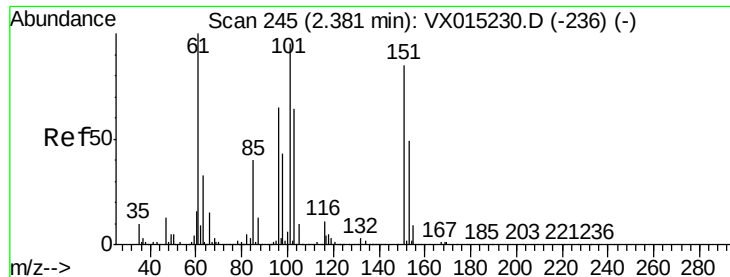


#8

Diethyl Ether
Concen: 16.245 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.532 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

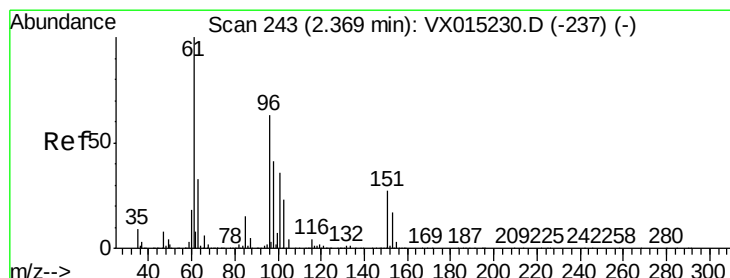
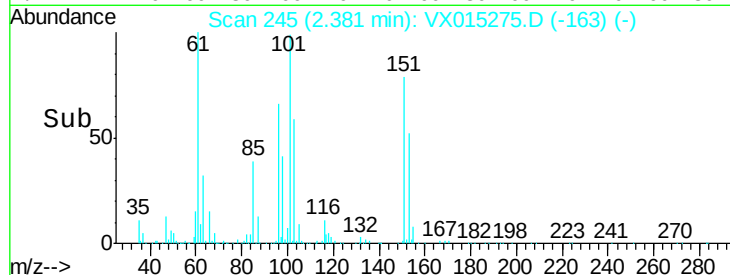
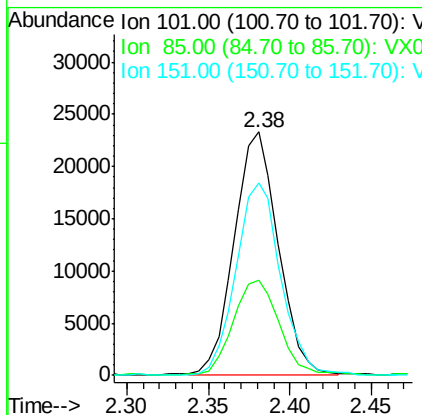
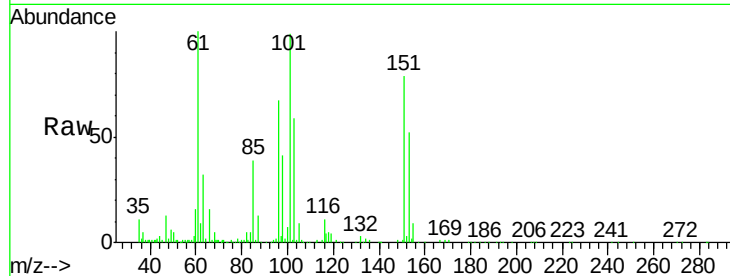
ClientSampleId :

VX0313WBS02

Tot Ion:	101	Resp:	43781
Ion Ratio	Lower	Upper	
101	100		
85	40.8	0.0	82.0
151	80.4	0.0	165.0

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 16.269 ug/l

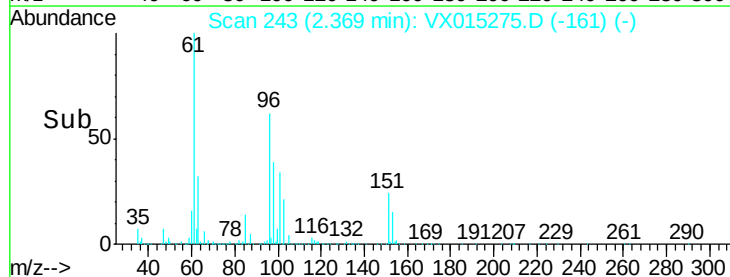
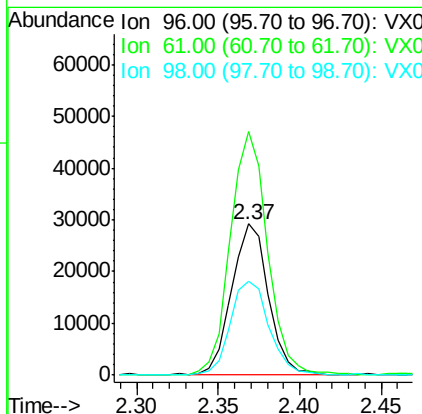
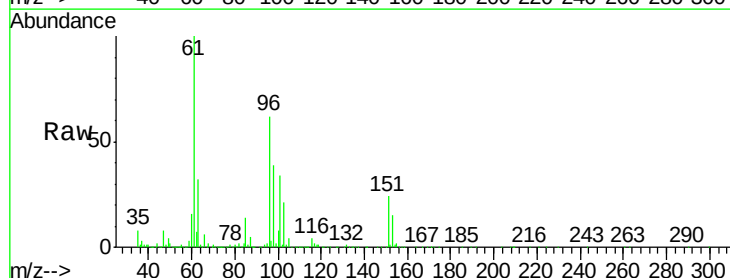
RT: 2.37 min Scan# 243

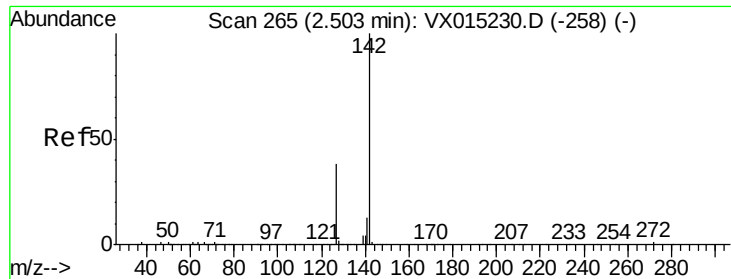
Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Tgt Ion:	96	Resp:	46235
Ion Ratio	Lower	Upper	
96	100		
61	160.4	126.2	189.2
98	62.1	52.1	78.1





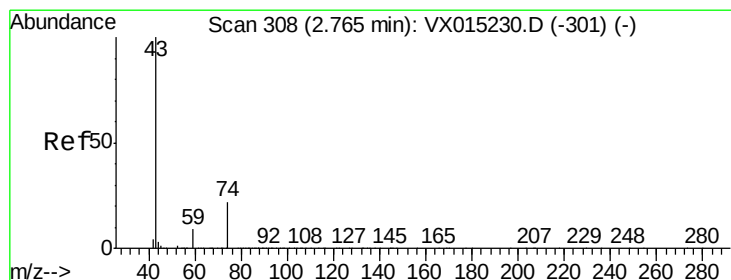
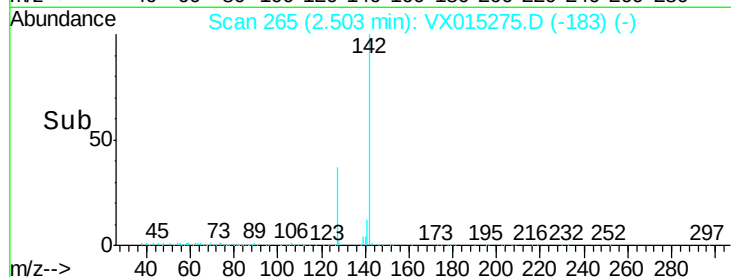
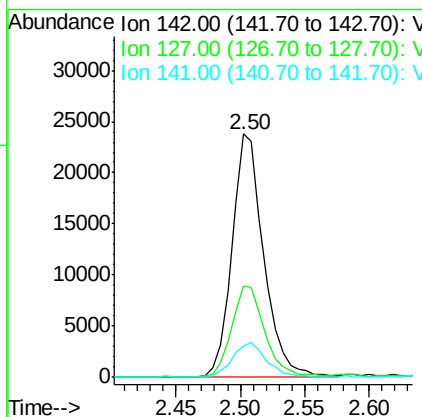
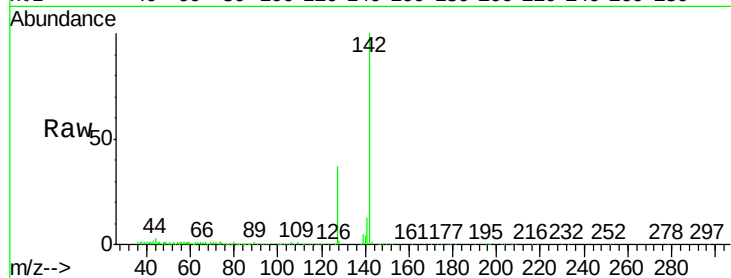
#11
Methvl Iodide
Concen: 13.975 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.0	18.9	56.9
141	12.5	6.6	19.7

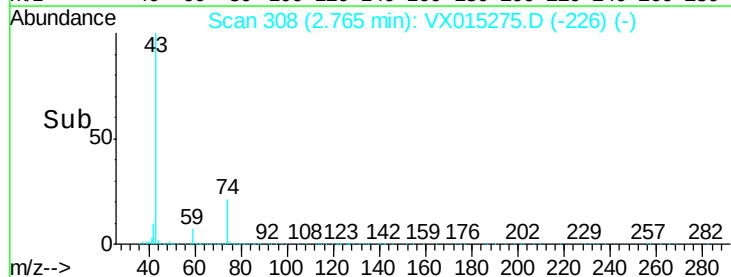
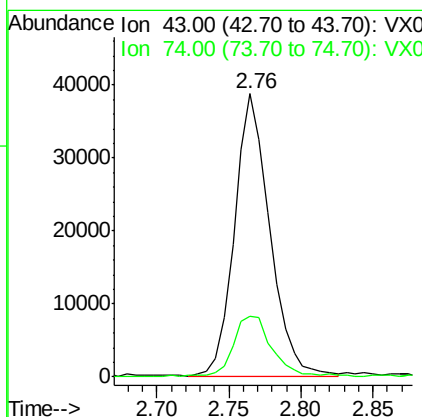
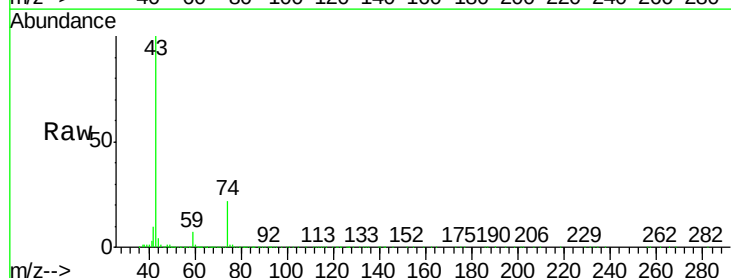
Manual Integrations
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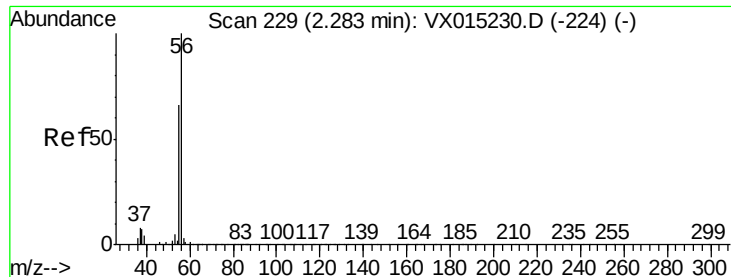
MMDadoda
3/16/2020 2:07:34 PM



#12
Methyl Acetate
Concen: 18.700 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.0	27.0





#13

Acrolein

Concen: 71.258 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 56 Resp: 39450

Ion Ratio Lower Upper

56 100

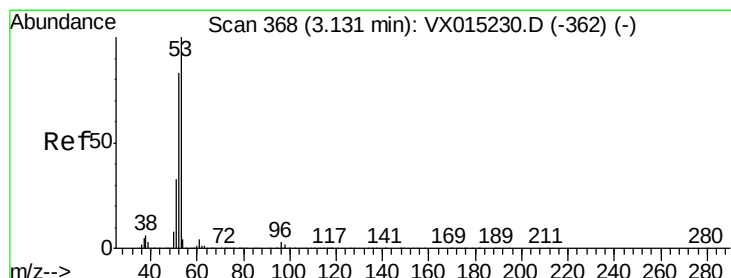
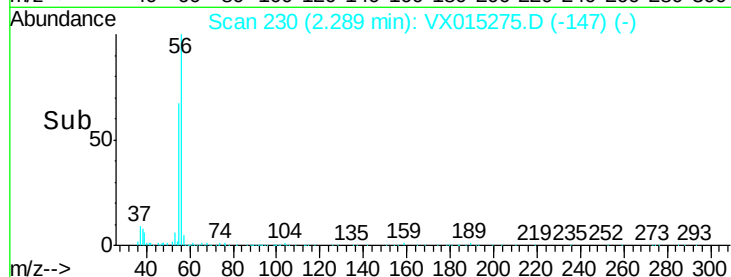
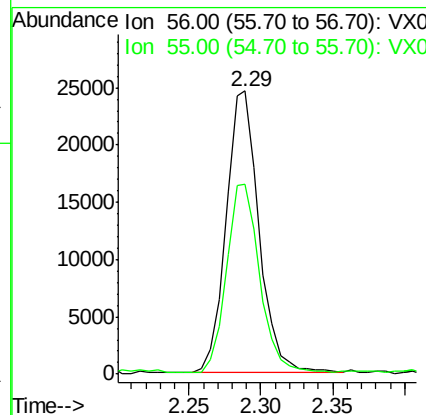
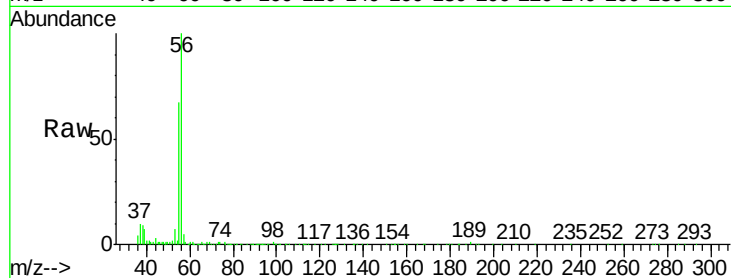
55 67.5 55.1 82.7

Manual Integrations

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#14

Acrylonitrile

Concen: 92.456 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

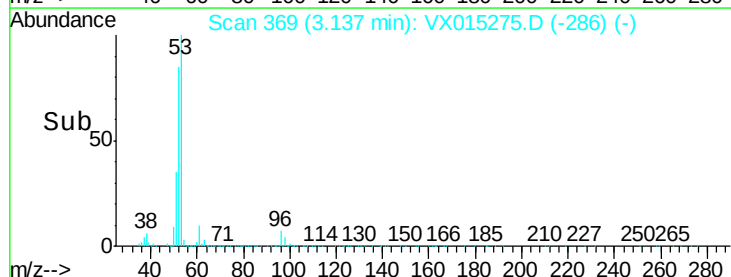
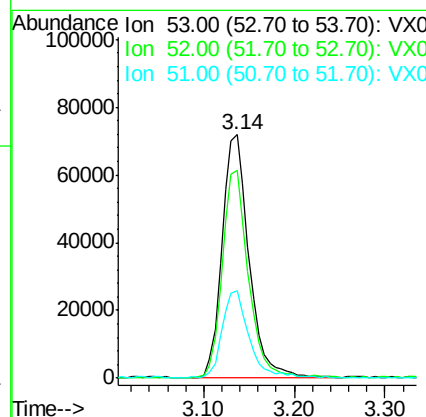
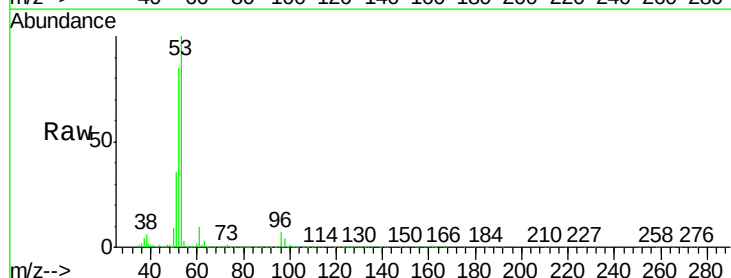
Tgt Ion: 53 Resp: 150405

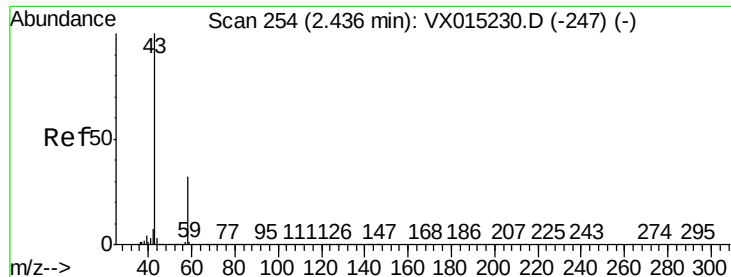
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.5

51 34.7 17.7 53.1





#15

Acetone

Concen: 80.162 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 58 Resp: 38263

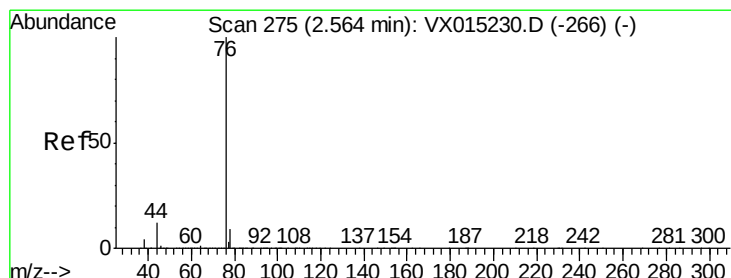
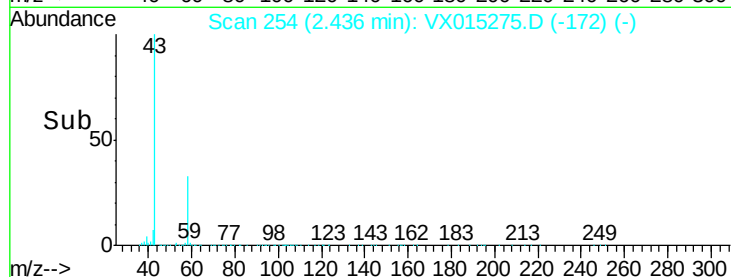
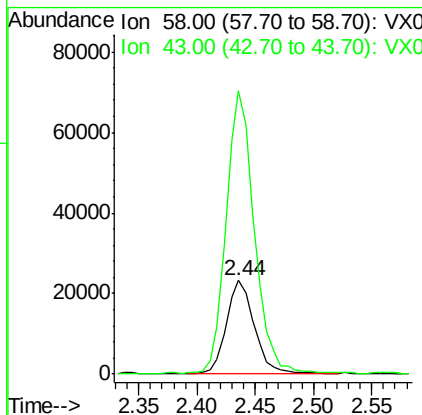
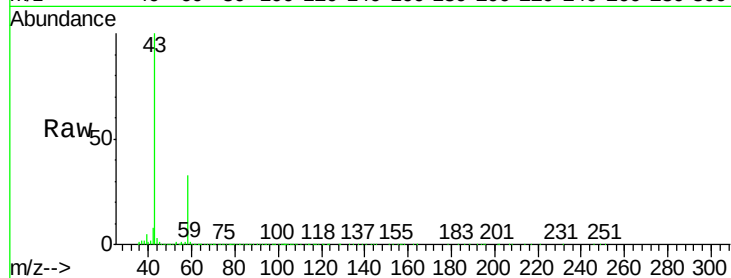
Ion Ratio Lower Upper

58 100

43 302.5 248.7 373.1

Manual Integrations
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#16

Carbon Disulfide

Concen: 16.144 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015275.D

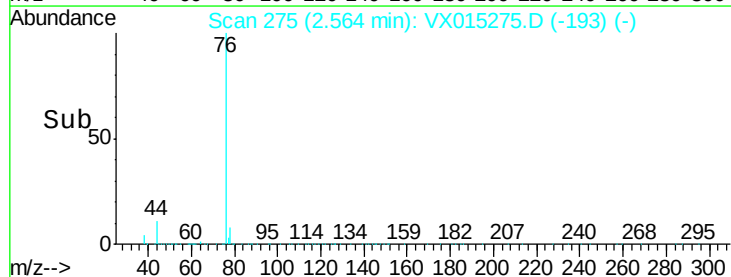
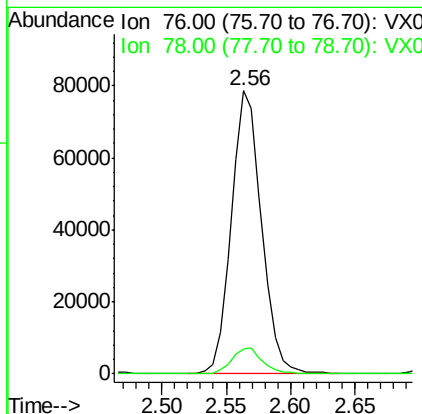
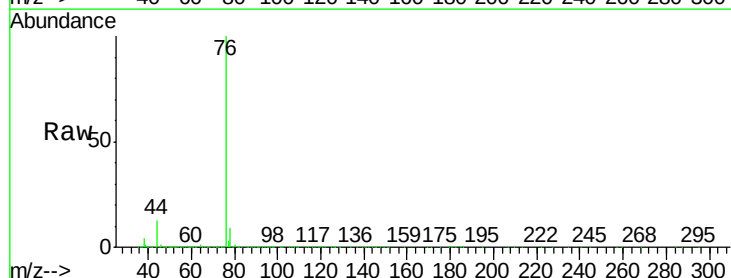
Acq: 13 Mar 2020 22:29

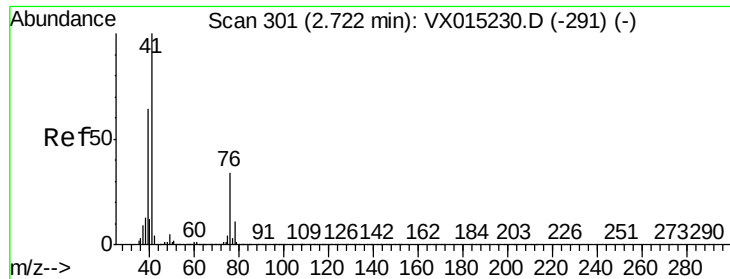
Tgt Ion: 76 Resp: 128477

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9





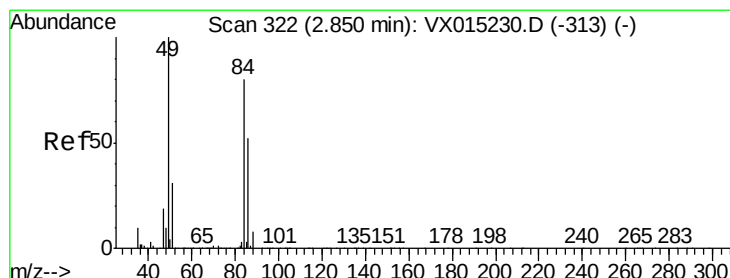
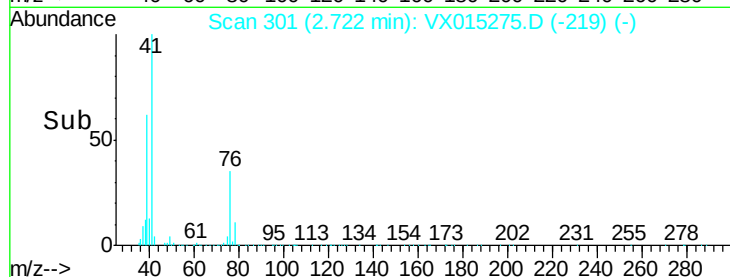
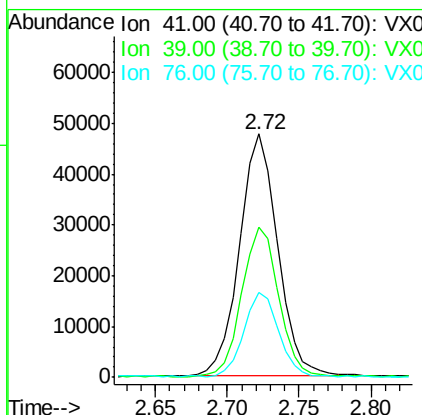
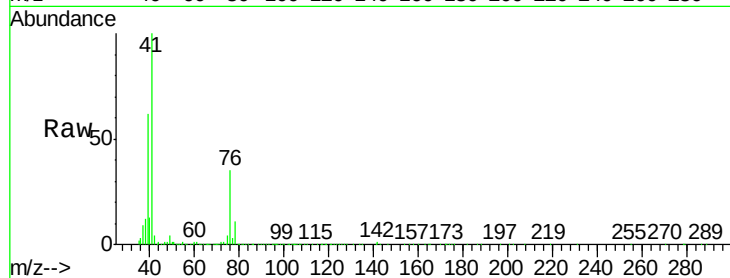
#17
Allvl chloride
Concen: 16.711 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.6	32.1	96.5
76	34.6	17.2	51.5

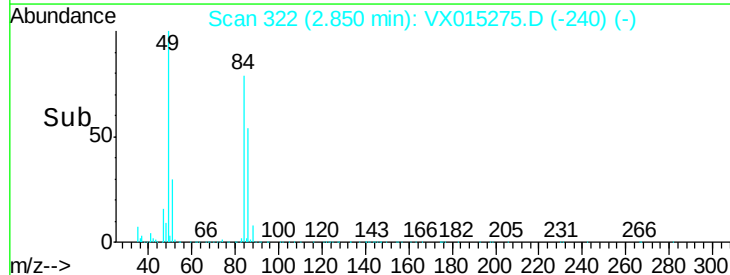
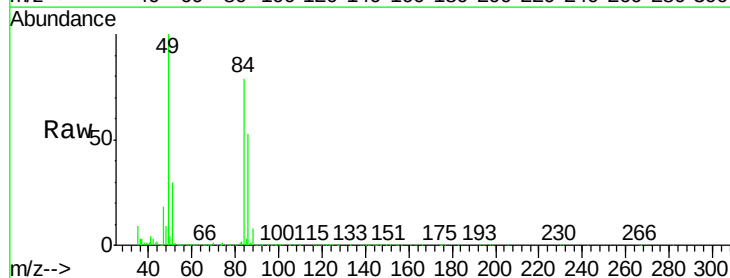
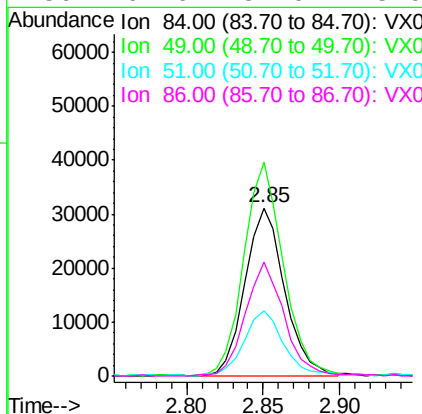
Manual Integrations
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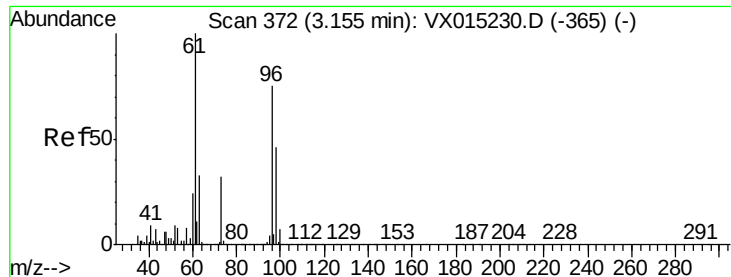
MMDadoda
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#18
Methylene Chloride
Concen: 17.424 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	99.5	149.3
51	38.4	31.0	46.6
86	67.6	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 17.008 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

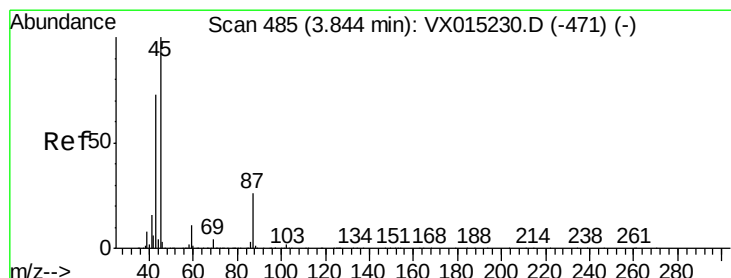
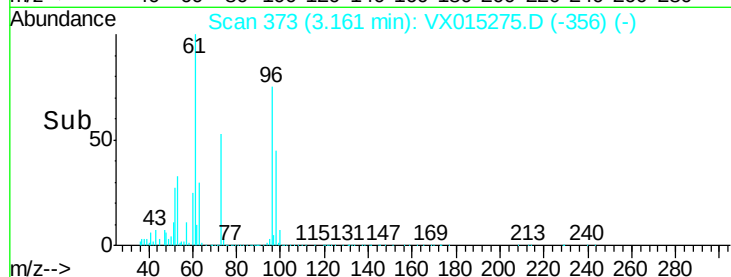
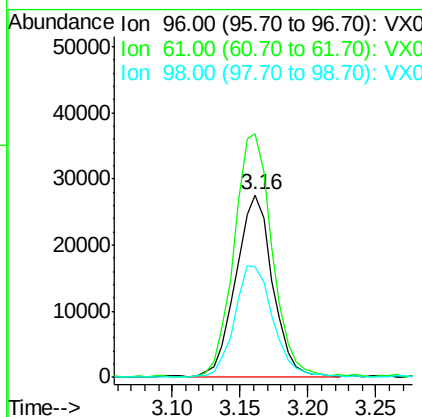
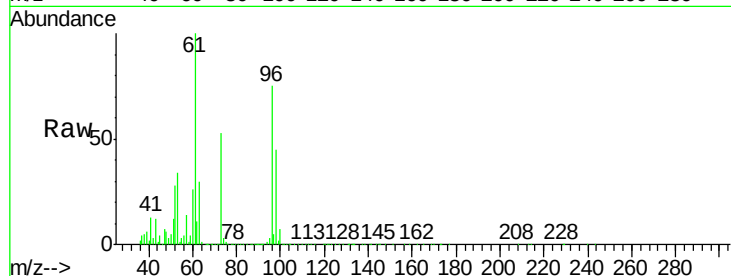
ClientSampleId :

VX0313WBS02

Tot Ion:	96	Resp:	52137
Ion	Ratio	Lower	Upper
96	100		
61	133.2	106.3	159.5
98	60.5	49.1	73.7

Manual Integrations
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#20

Diisopropyl ether

Concen: 17.763 ug/l

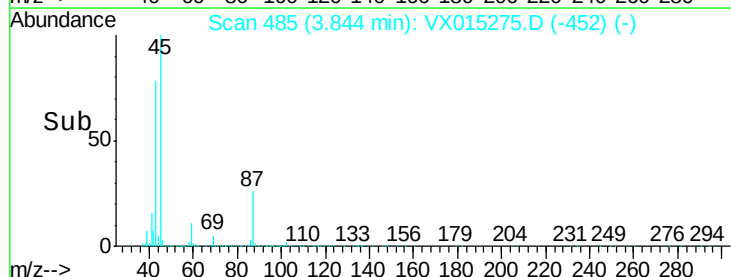
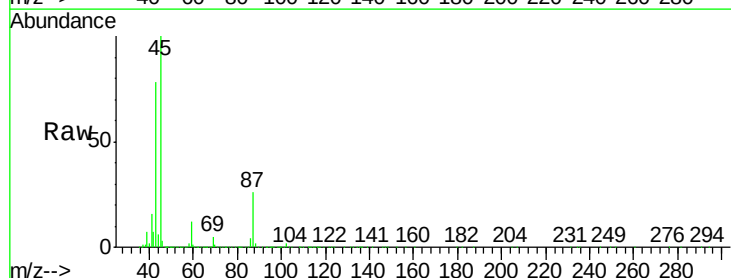
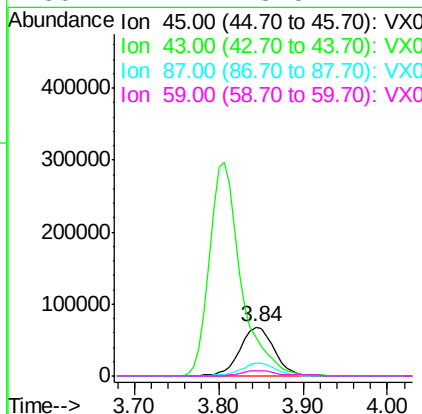
RT: 3.84 min Scan# 485

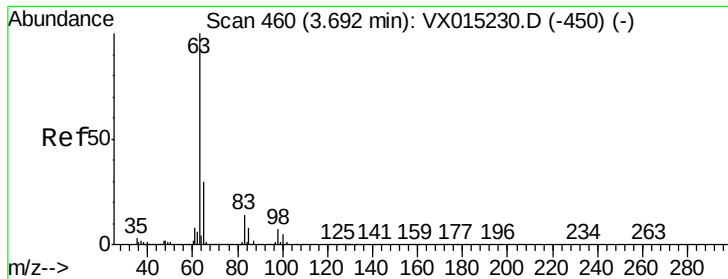
Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Tgt Ion:	45	Resp:	186039
Ion	Ratio	Lower	Upper
45	100		
43	77.3	58.6	87.8
87	26.2	21.0	31.4
59	11.2	8.5	12.7





#21

1,1-Dichloroethane

Concen: 17.604 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

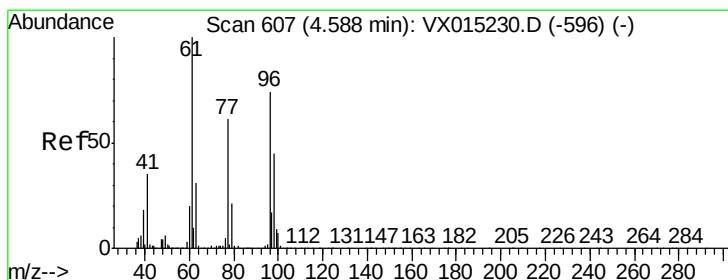
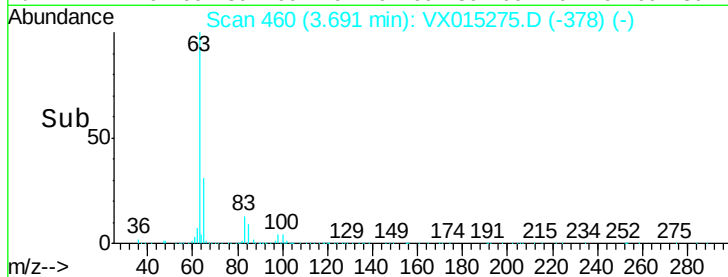
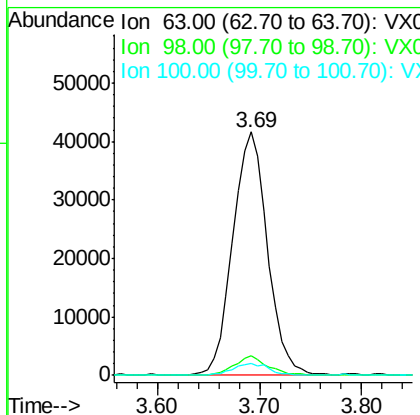
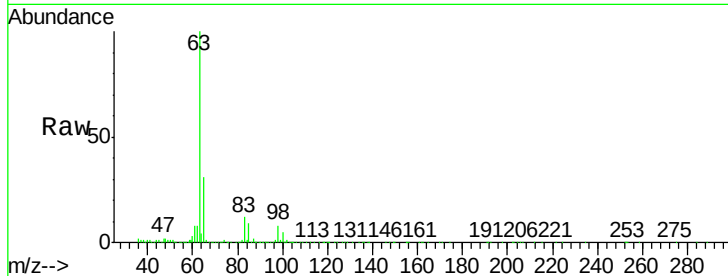
ClientSampleId :

VX0313WBS02

Tot Ion:	63	Resp:	97689
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.5	10.6
100	4.8	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 17.654 ug/l

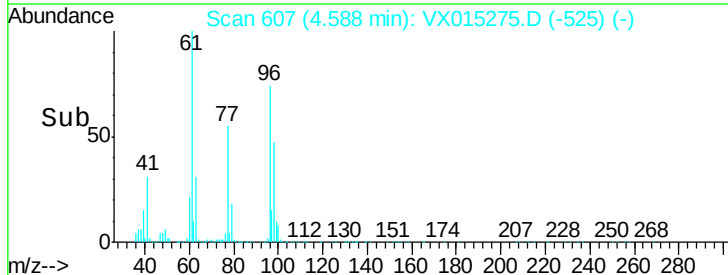
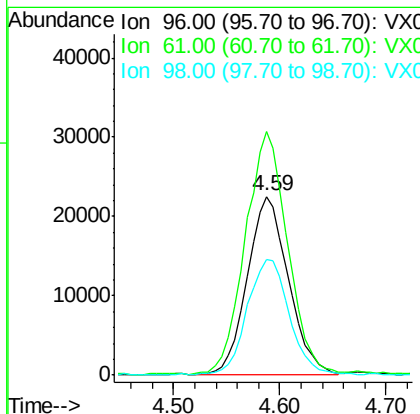
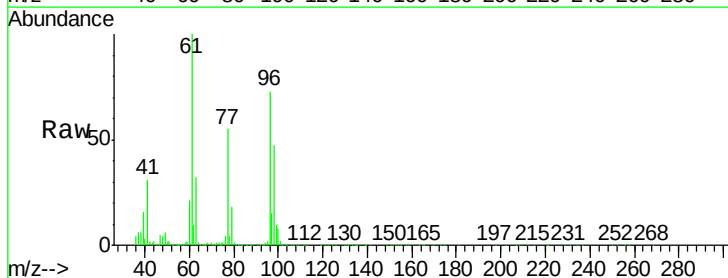
RT: 4.59 min Scan# 607

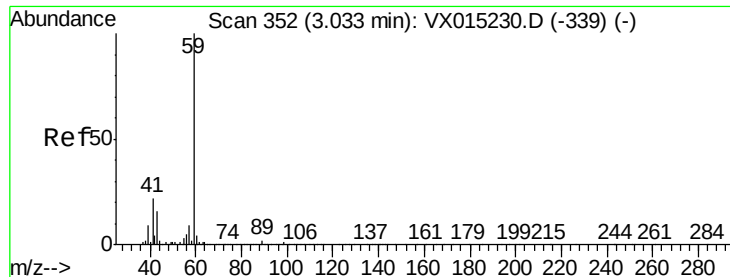
Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Tgt Ion:	96	Resp:	61171
Ion Ratio	Lower	Upper	
96	100		
61	140.7	111.4	167.0
98	65.0	50.1	75.1





#23

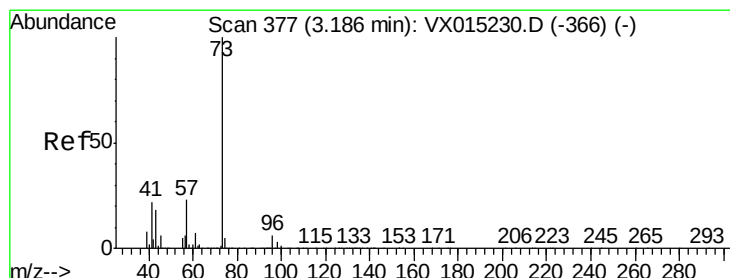
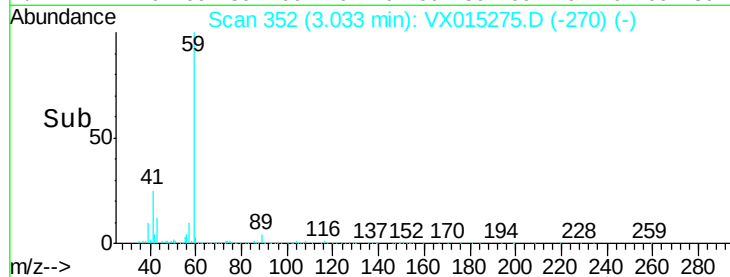
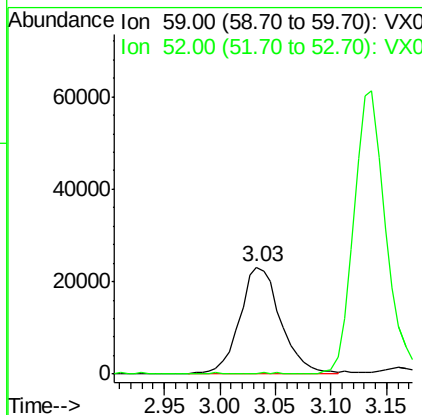
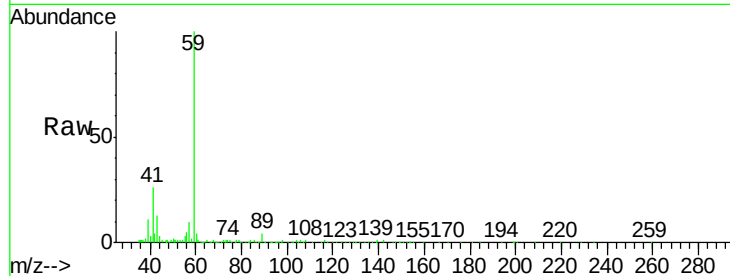
tert-Butyl Alcohol
Concen: 91.633 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.4	0.6#

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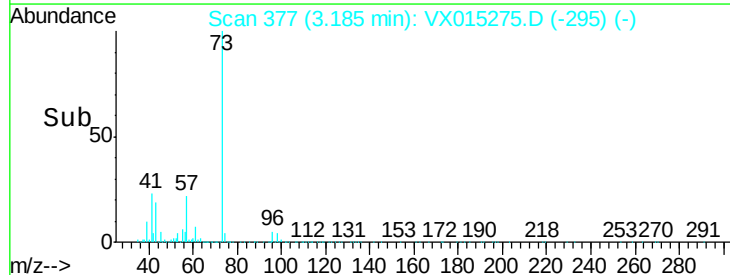
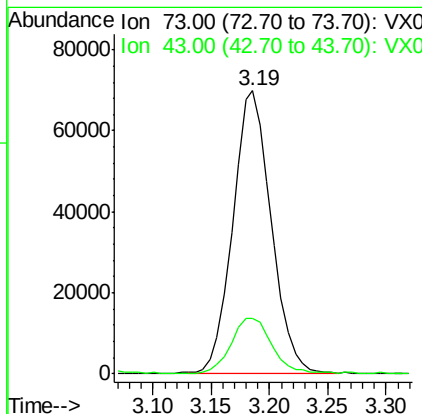
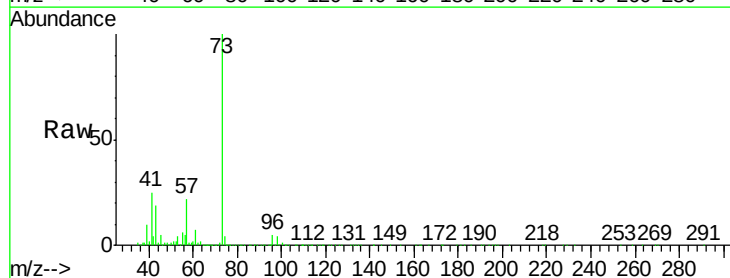
MMDadoda
3/16/2020 2:07:34 PM

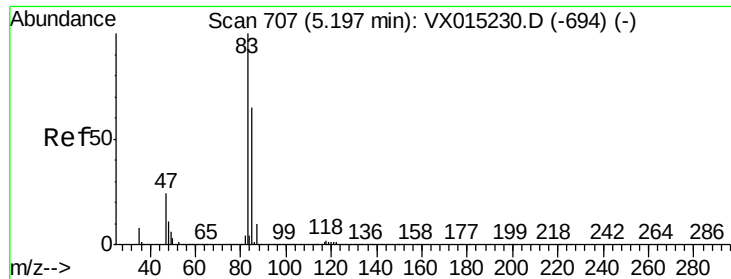


#24

Methyl tert-Butyl Ether
Concen: 17.410 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	15.9	23.9





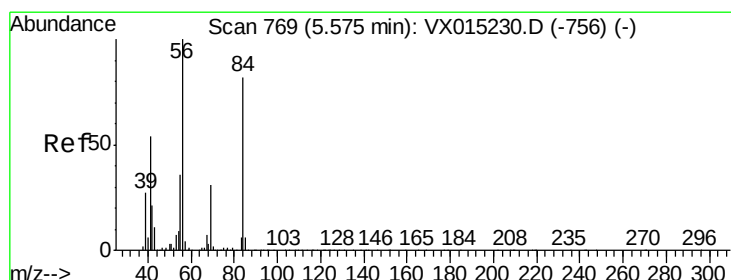
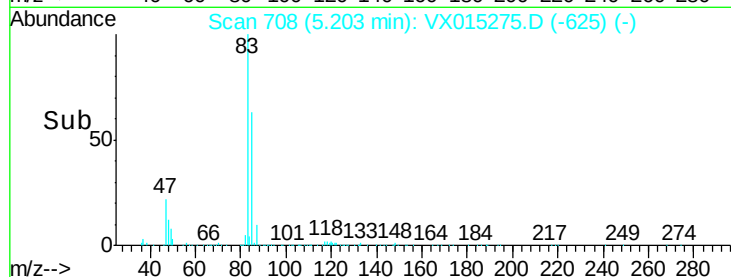
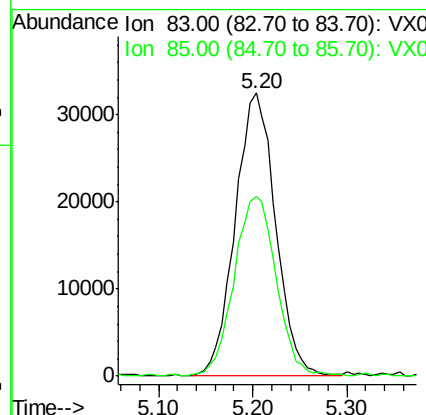
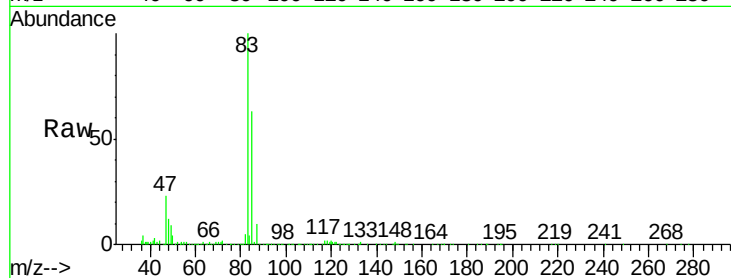
#25
Chloroform
Concen: 18.381 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.2

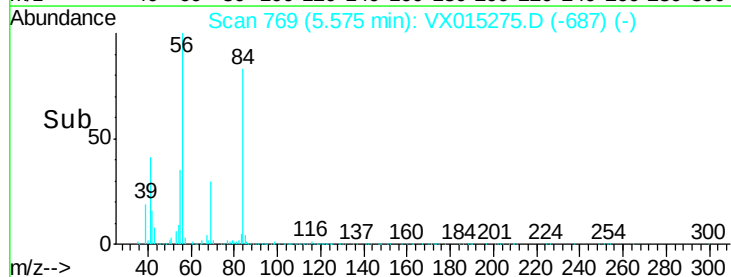
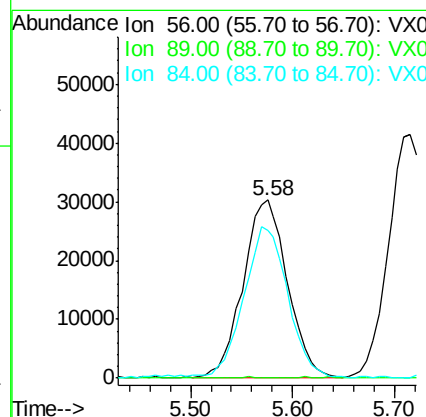
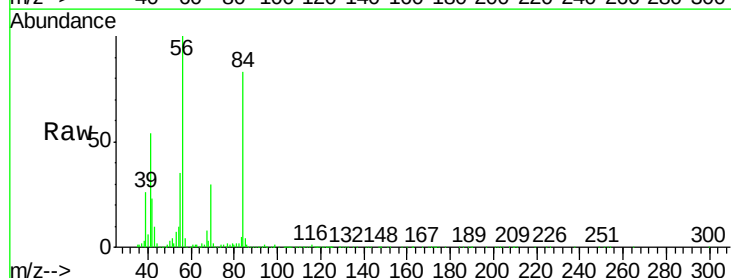
Manual Integrations
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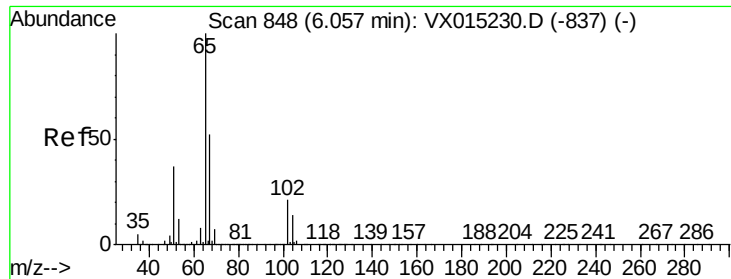
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#26
Cyclohexane
Concen: 17.748 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	83.0	68.2	102.4





#27

1,2-Dichloroethane-d4

Concen: 31.054 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 65 Resp: 102221

Ion Ratio Lower Upper

65 100

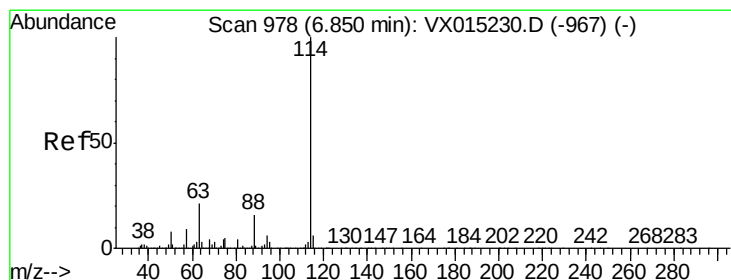
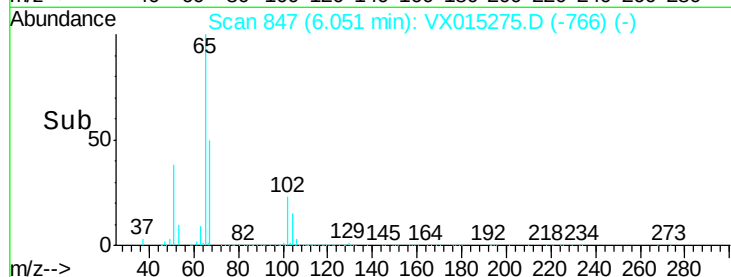
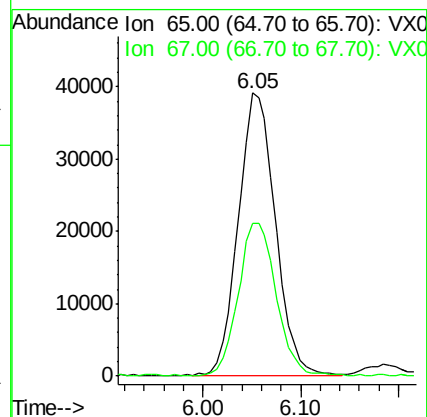
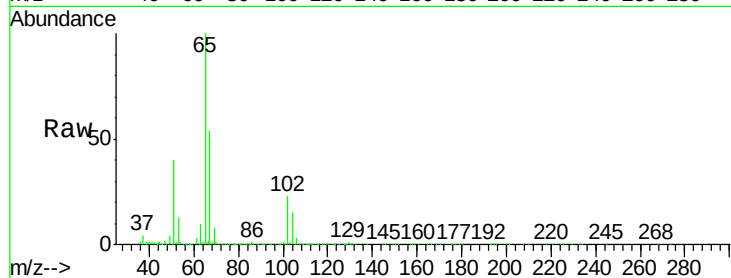
67 55.9 43.5 65.3

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

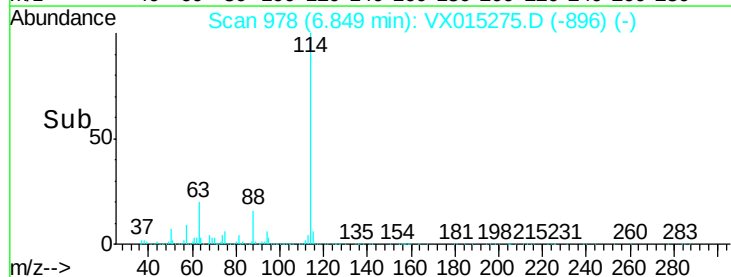
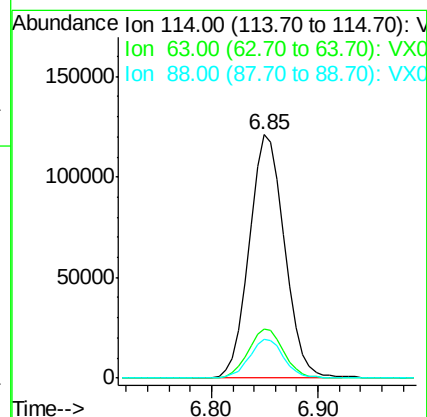
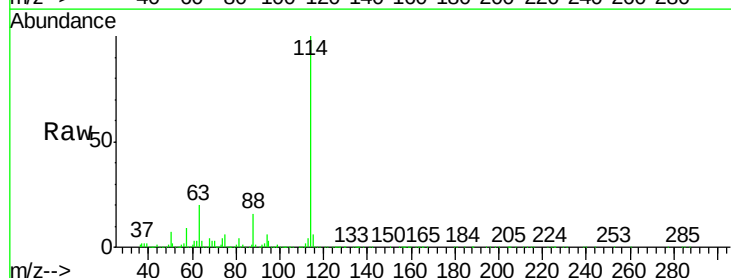
Tgt Ion: 114 Resp: 282199

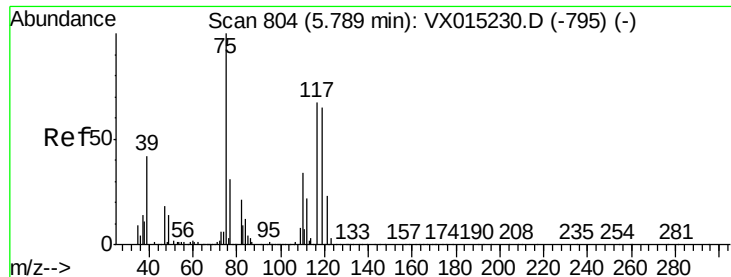
Ion Ratio Lower Upper

114 100

63 20.1 16.6 24.8

88 15.6 12.6 19.0





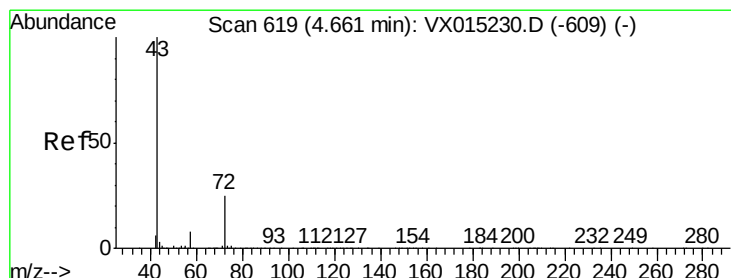
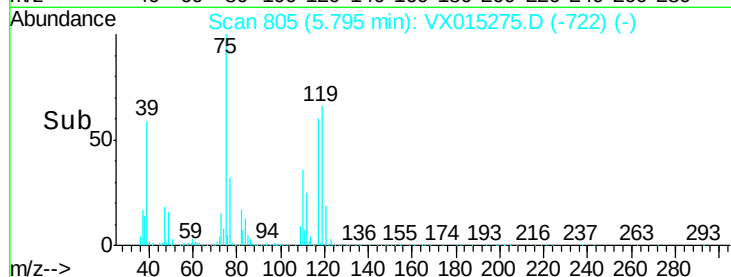
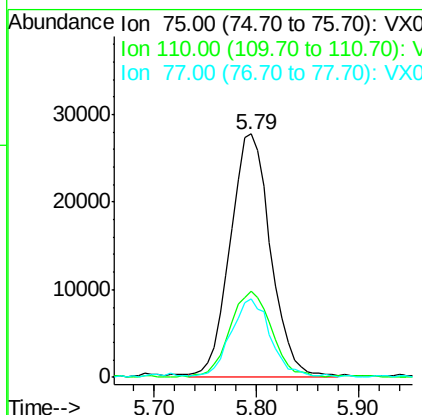
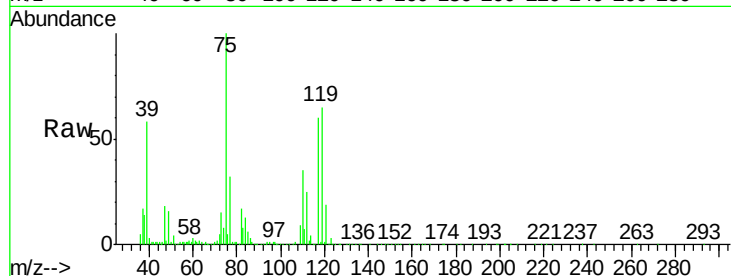
#29
 1,1-Dichloropropene
 Concen: 17.536 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.3	0.0	73.6
77	31.1	0.0	63.4

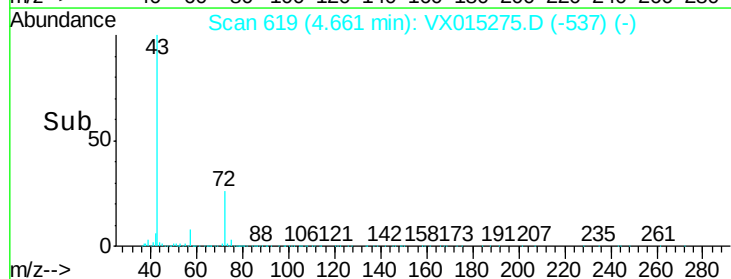
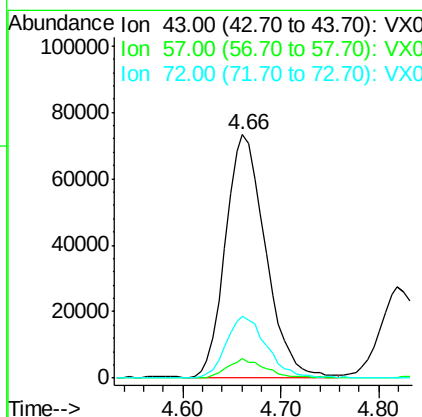
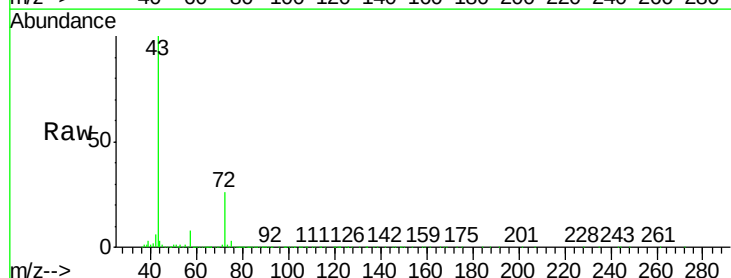
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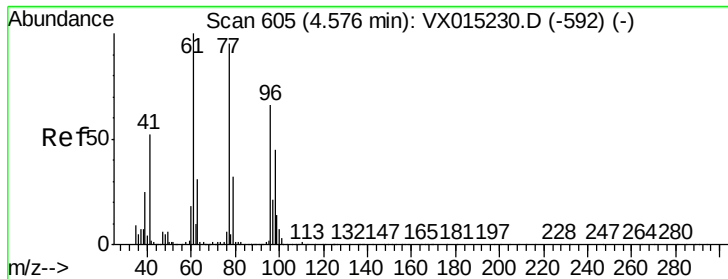
MMDadoda
 3/16/2020 2:07:34 PM



#30
 2-Butanone
 Concen: 89.490 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.3	6.4	9.6
72	25.1	19.9	29.9





#31

2,2-Dichloropropane

Concen: 13.757 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 77 Resp: 61201

Ion Ratio Lower Upper

77 100

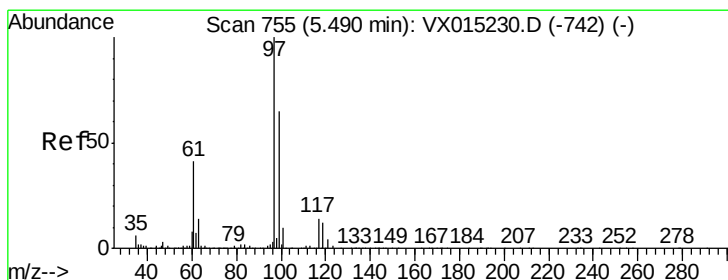
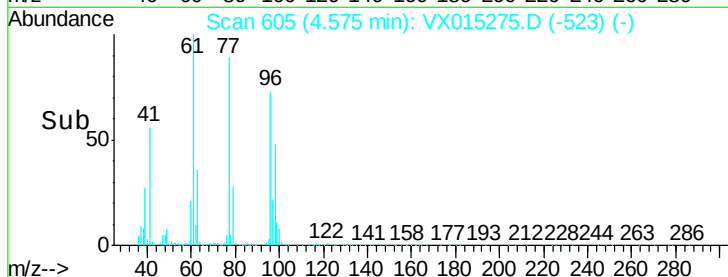
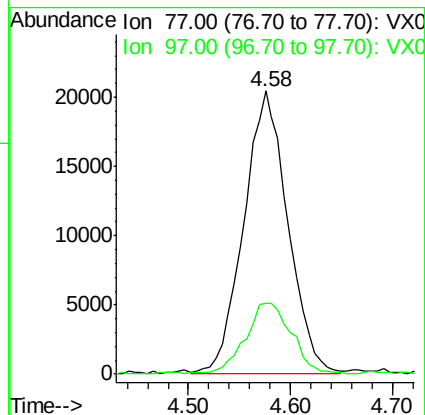
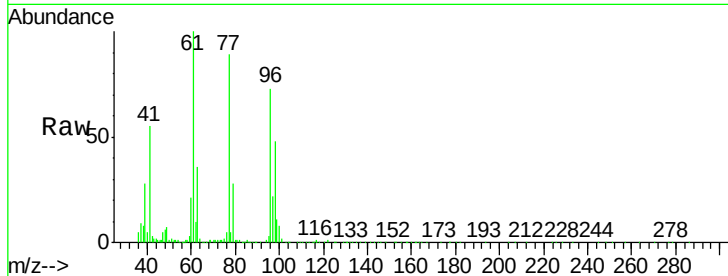
97 26.6 19.8 29.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.396 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

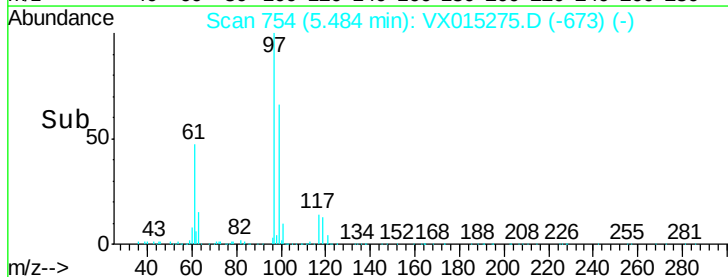
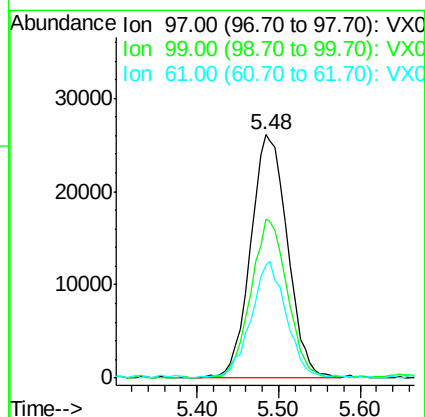
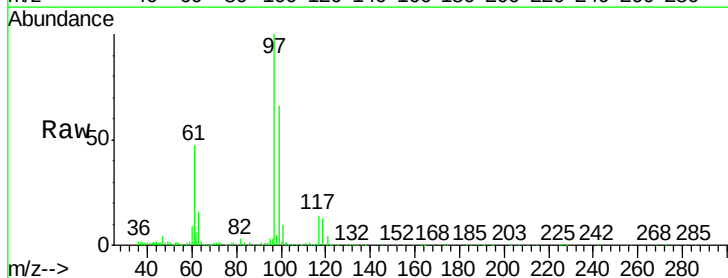
Tgt Ion: 97 Resp: 81981

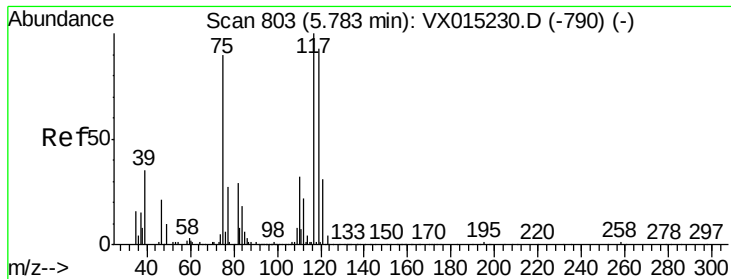
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 46.1 35.0 52.6





#33

Carbon Tetrachloride

Concen: 17.355 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

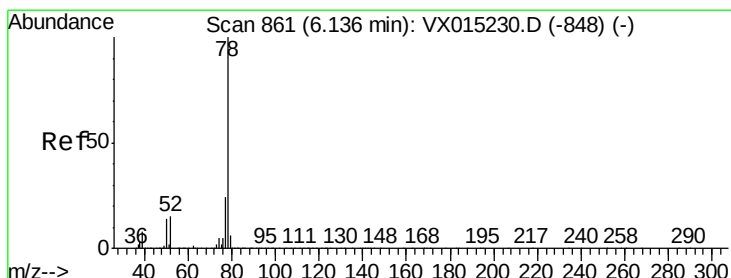
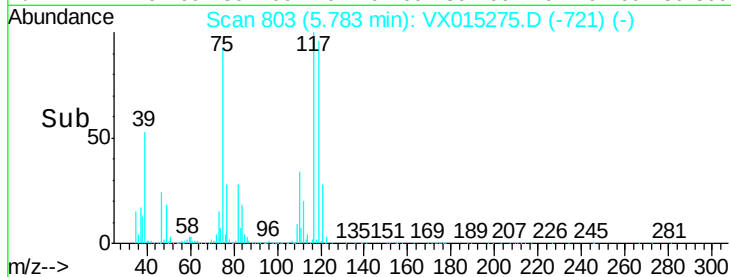
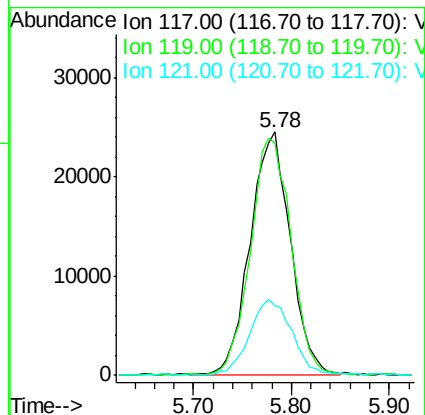
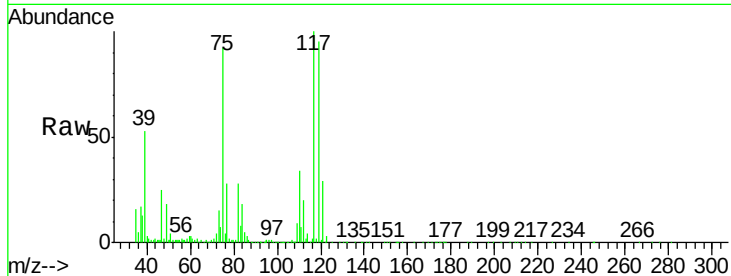
ClientSampleId :

VX0313WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.2	111.4
121	28.8	24.3	36.5

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#34

Benzene

Concen: 18.595 ug/l

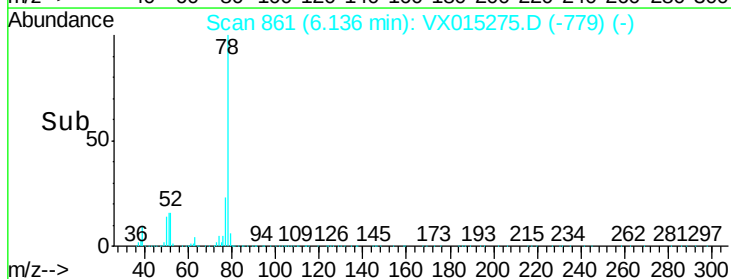
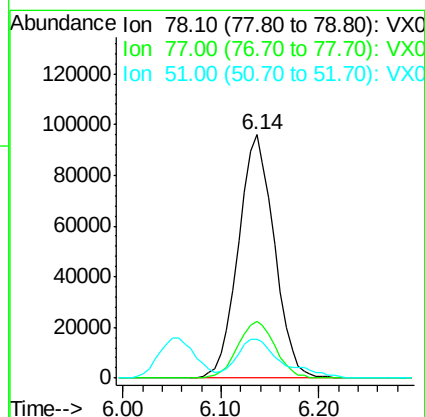
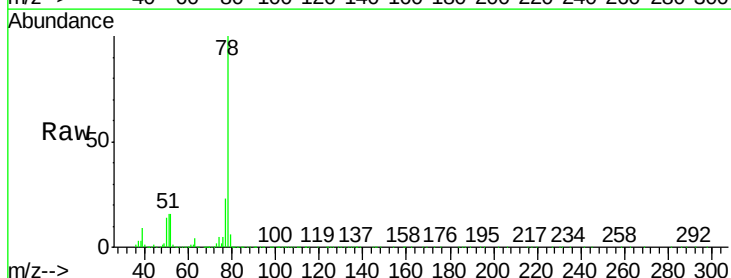
RT: 6.14 min Scan# 861

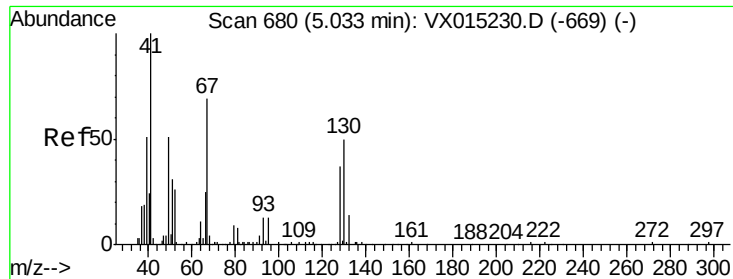
Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7
51	15.3	13.4	20.2





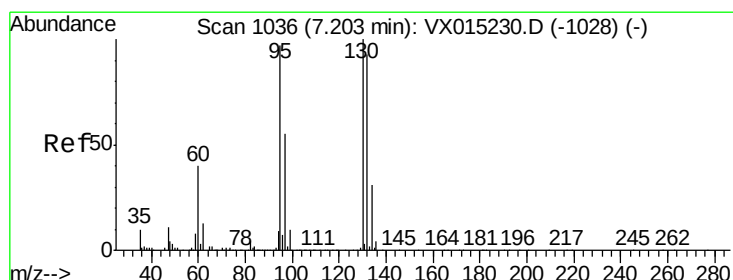
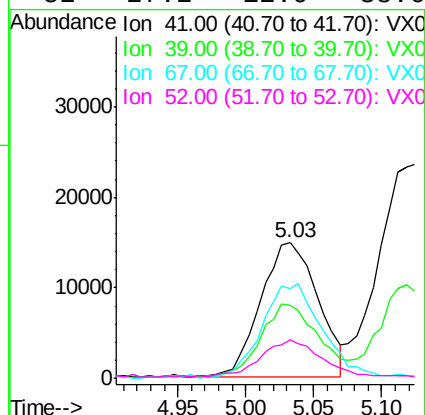
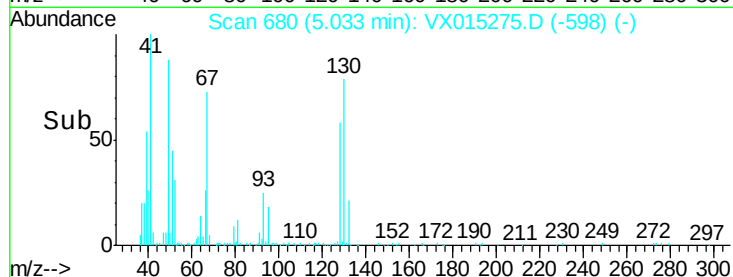
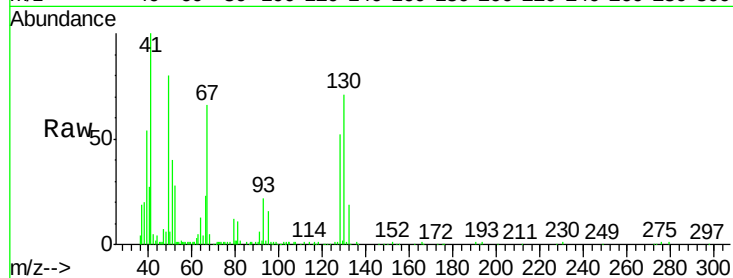
#35
Methacrylonitrile
Concen: 17.502 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	25.7	77.1	
67	63.9	34.3	102.8	
52	27.2	12.9	38.6	

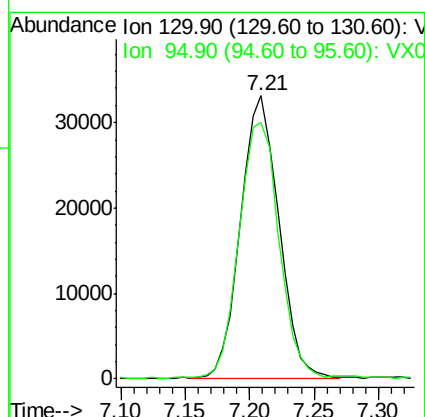
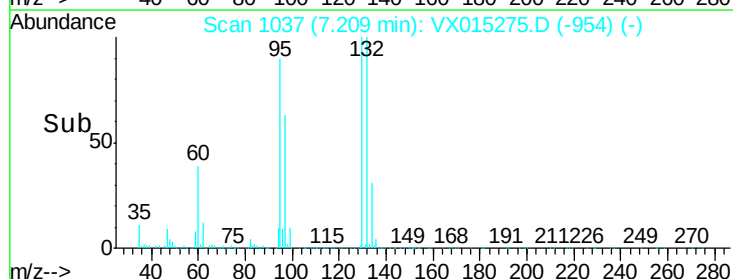
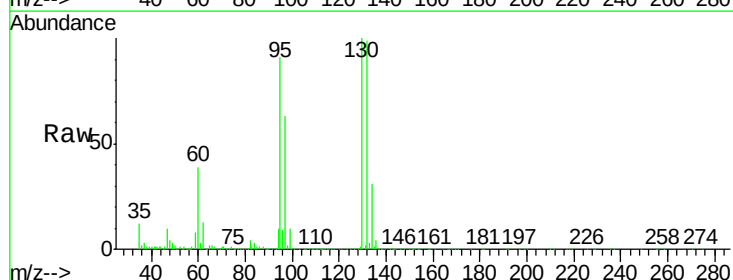
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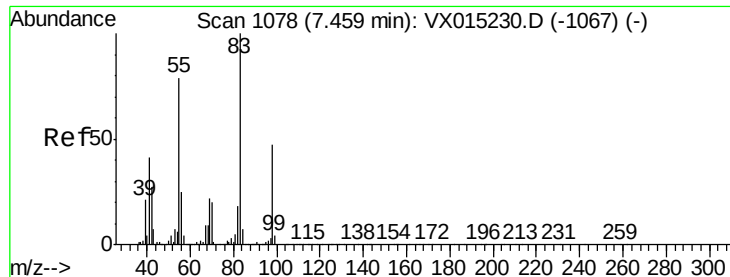
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#37
Trichloroethene
Concen: 18.953 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
130	100			
95	90.4	77.4	116.0	





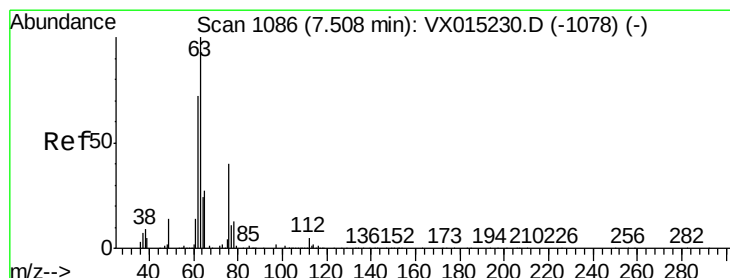
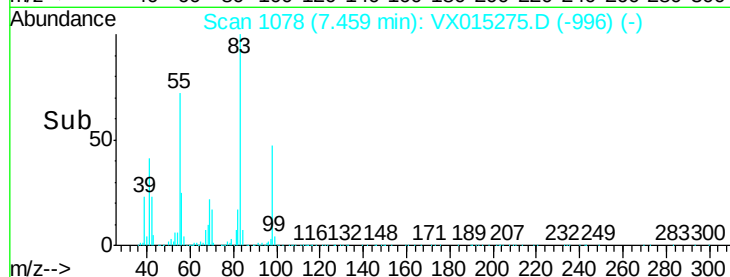
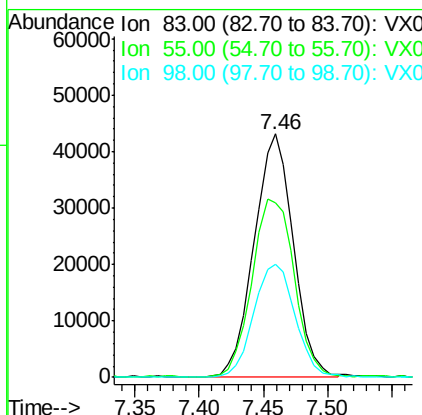
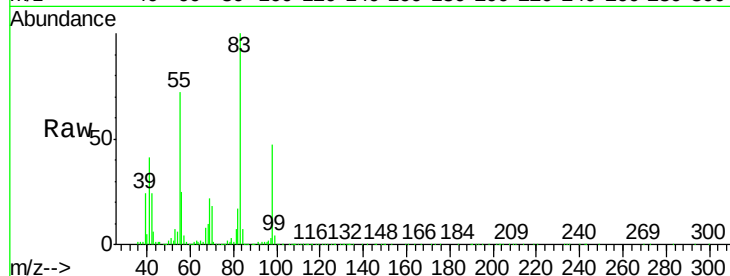
#38
Methvlcvclohexane
Concen: 17.297 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	39.1	117.2
98	48.2	24.4	73.2

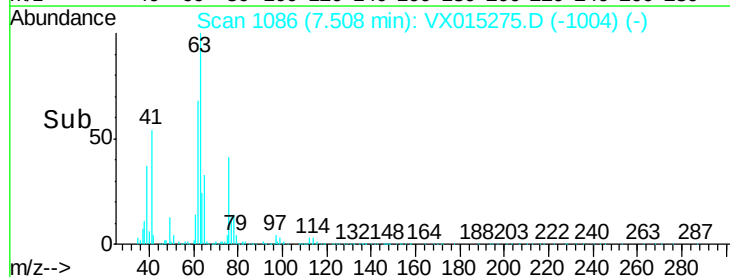
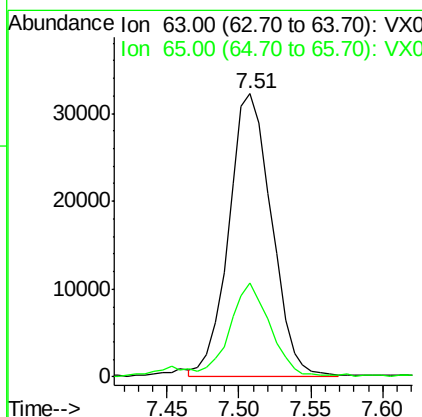
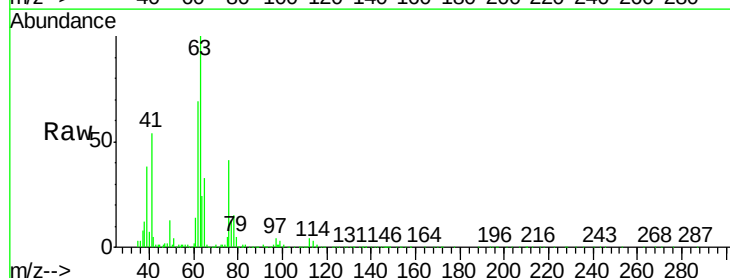
Manual Integrations
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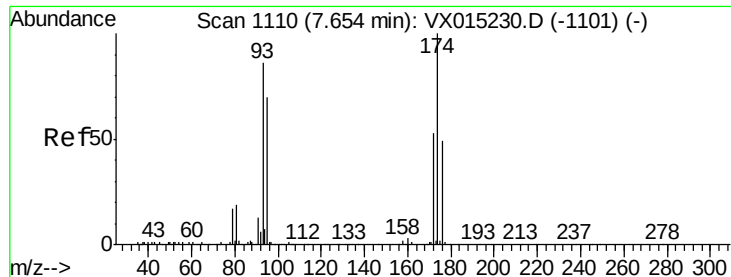
MMDadoda
3/16/2020 2:07:34 PM



#39
1,2-Dichloropropane
Concen: 19.514 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.9	23.2	34.8





#40

Dibromomethane

Concen: 19.423 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

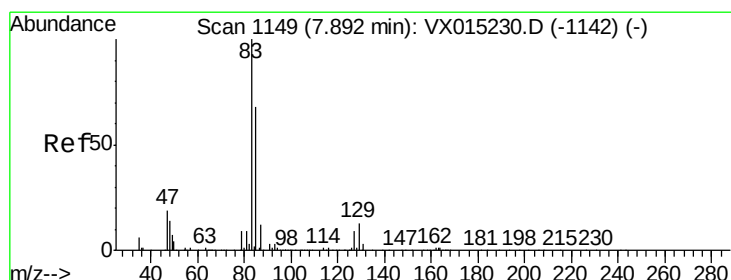
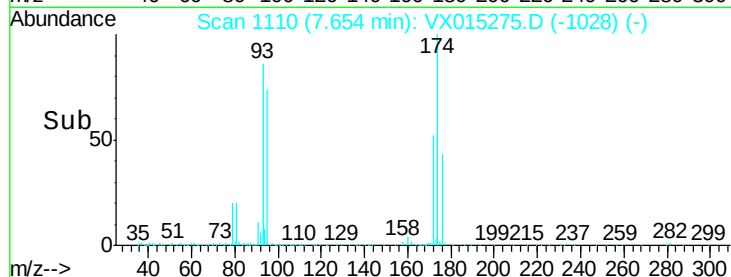
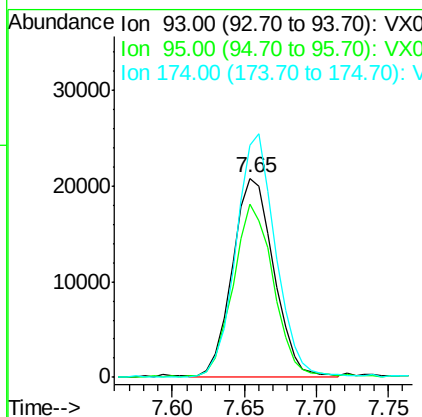
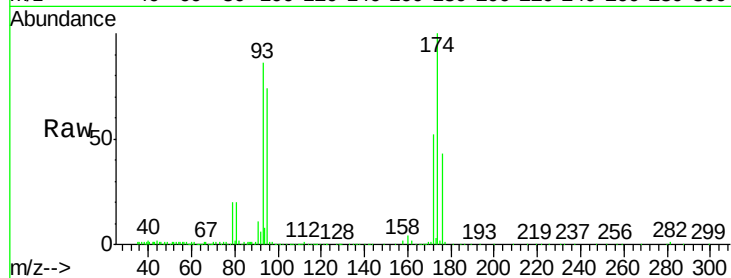
ClientSampleId :

VX0313WBS02

Tot Ion:	93	Resp:	41846
Ion	Ratio	Lower	Upper
93	100		
95	82.8	0.0	162.6
174	116.6	0.0	233.6

Manual Integrations
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#41

Bromodichloromethane

Concen: 19.404 ug/l

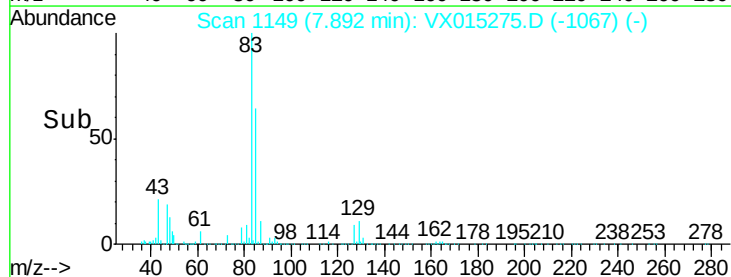
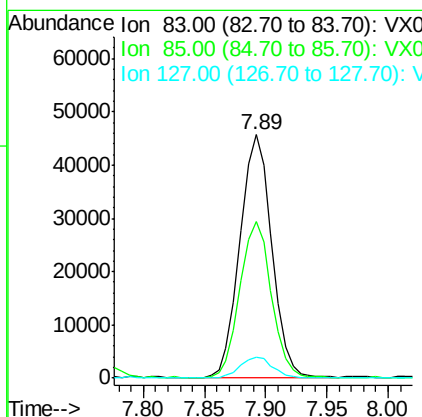
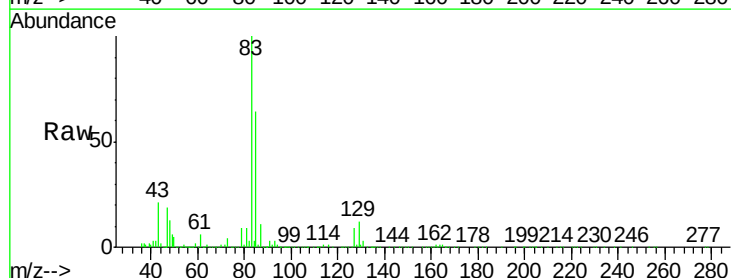
RT: 7.89 min Scan# 1149

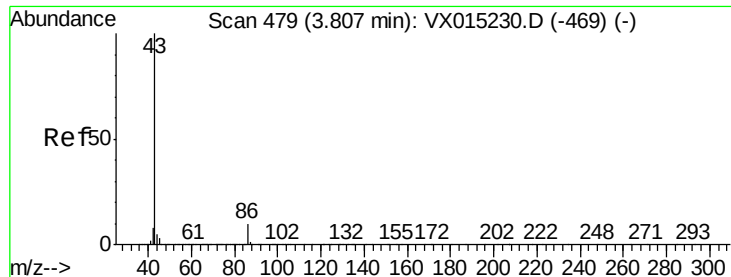
Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Tgt Ion:	83	Resp:	82684
Ion	Ratio	Lower	Upper
83	100		
85	64.0	54.2	81.4
127	8.8	7.1	10.7





#42

Vinyl Acetate

Concen: 83.977 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 43 Resp: 767995

Ion Ratio Lower Upper

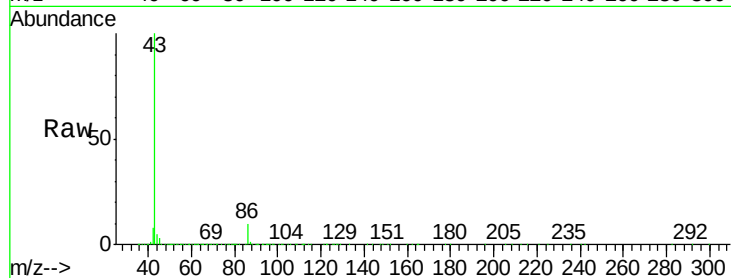
43 100

86 9.3 7.4 11.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

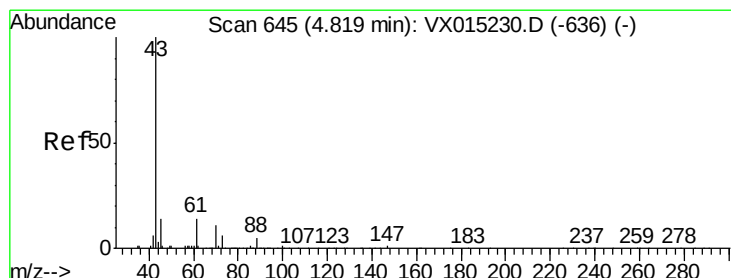
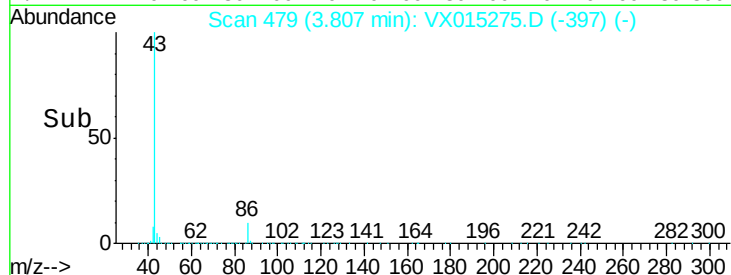
300000

200000

100000

0

Time-->



#43

Ethyl Acetate

Concen: 18.919 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX015275.D

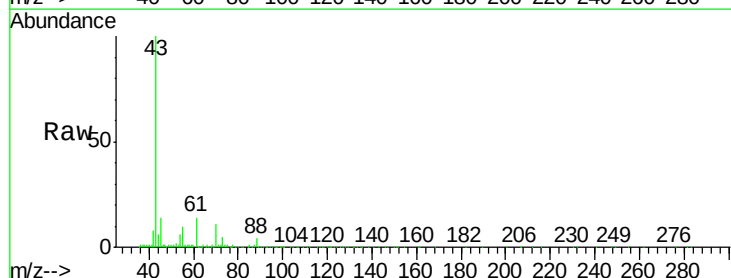
Acq: 13 Mar 2020 22:29

Tgt Ion: 43 Resp: 83246

Ion Ratio Lower Upper

43 100

45 13.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

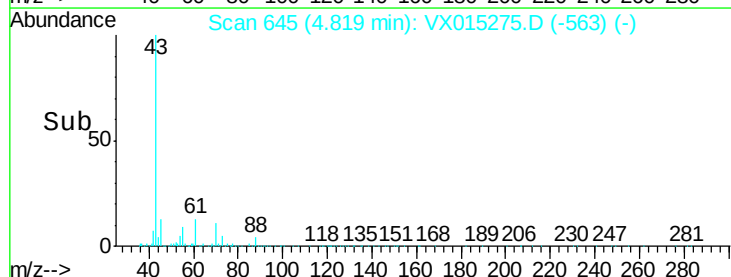
60000

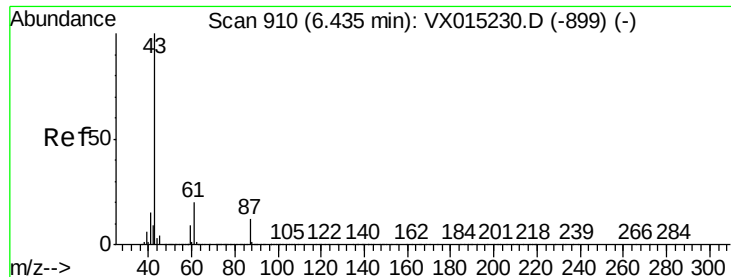
40000

20000

0

Time-->





#44

Isopropyl Acetate

Concen: 19.434 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 43 Resp: 144636

Ion Ratio Lower Upper

43 100

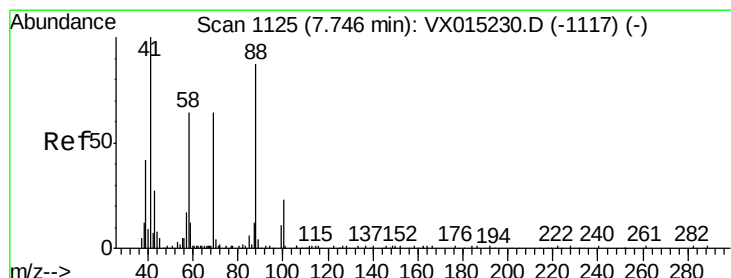
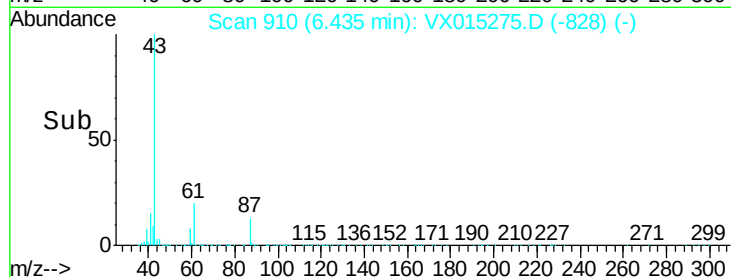
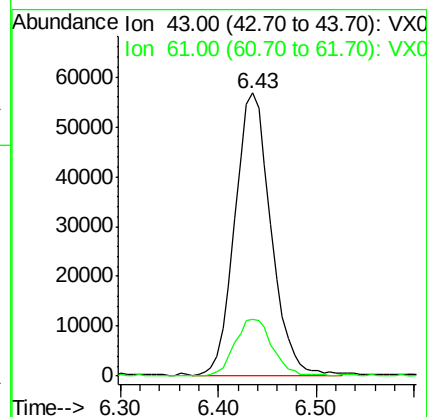
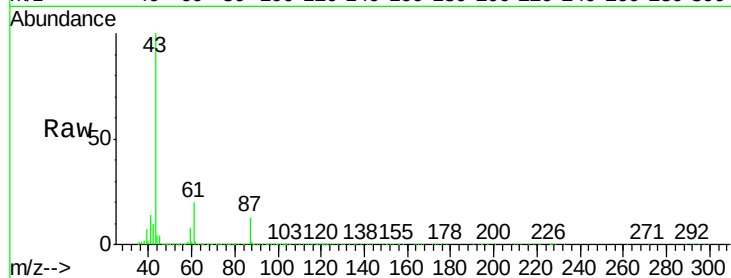
61 20.7 17.0 25.4

Manual Integrations

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#45

1,4-Dioxane

Concen: 423.182 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

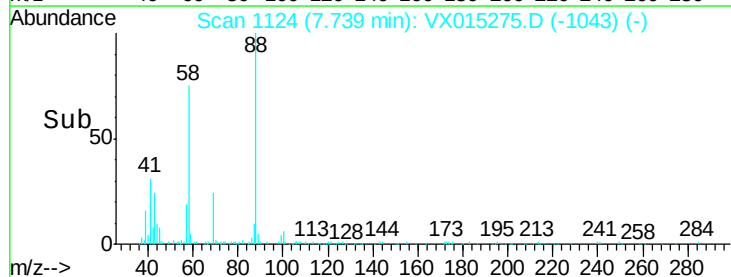
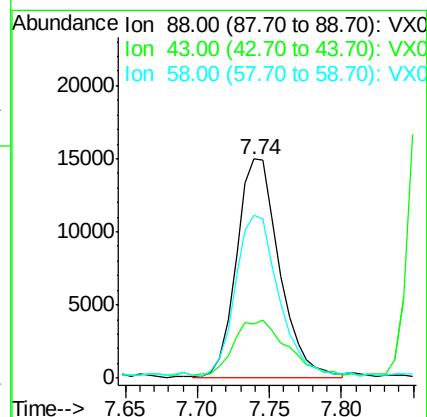
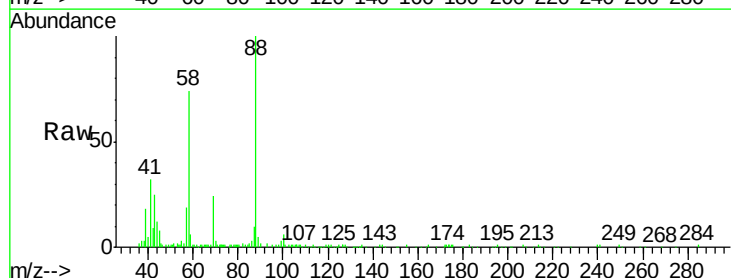
Tgt Ion: 88 Resp: 30933

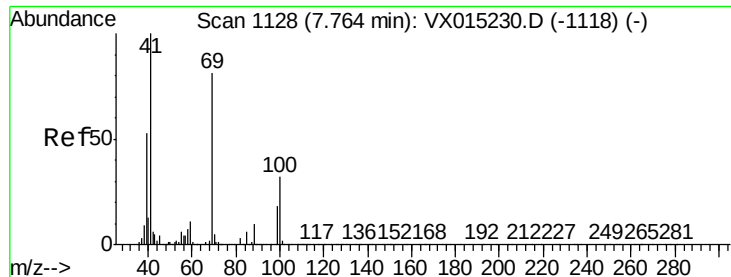
Ion Ratio Lower Upper

88 100

43 29.8 26.4 39.6

58 75.4 57.3 85.9





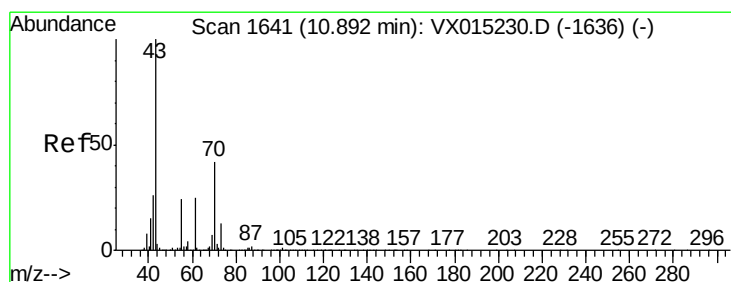
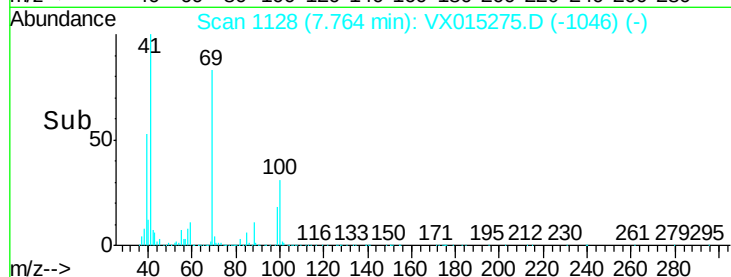
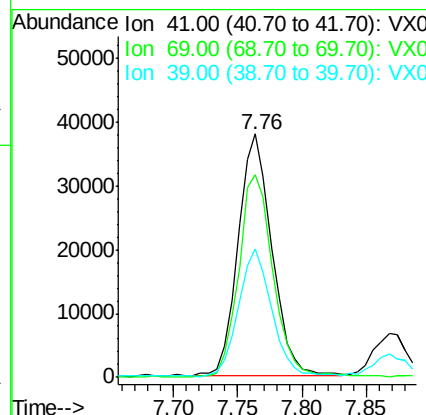
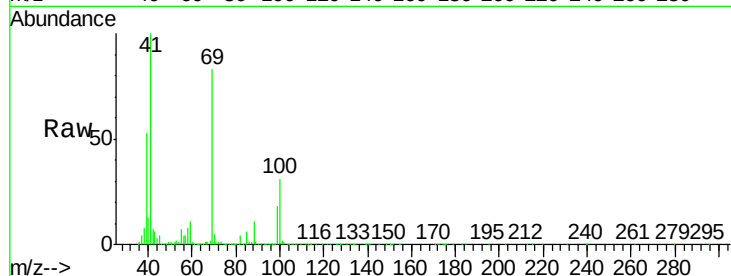
#46
Methyl methacrylate
Concen: 18.867 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
69	83.4	40.5	121.4
39	52.6	26.6	79.8

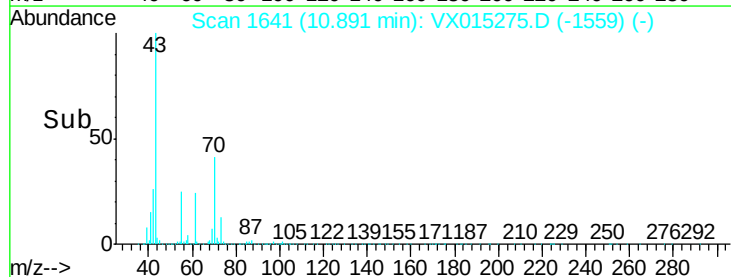
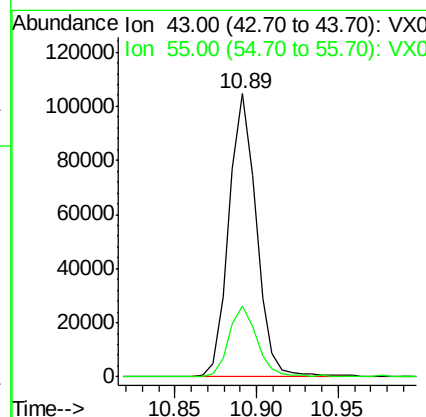
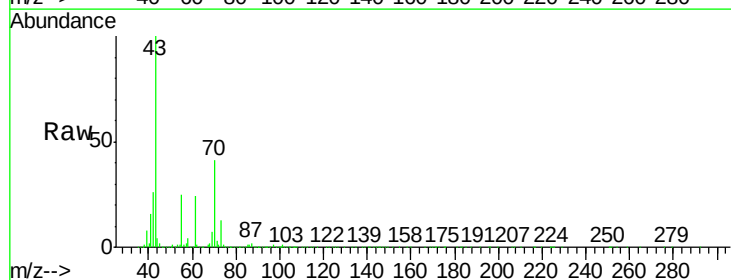
Manual Integrations
APPROVED

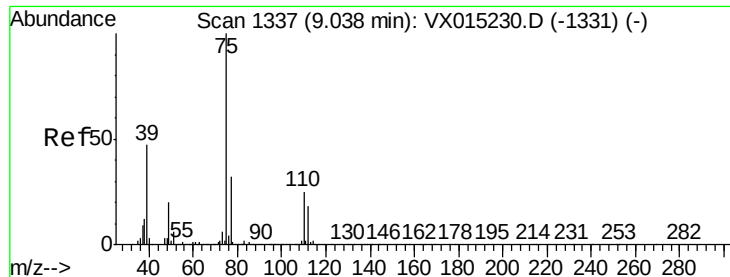
MMDadoda
3/16/2020 2:07:34 PM



#47
n-amyl Acetate
Concen: 18.296 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
43	100		
55	25.4	20.4	30.6





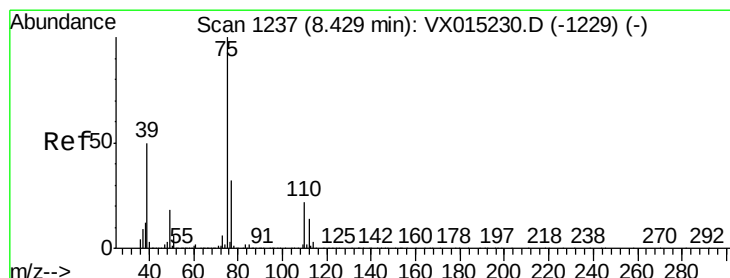
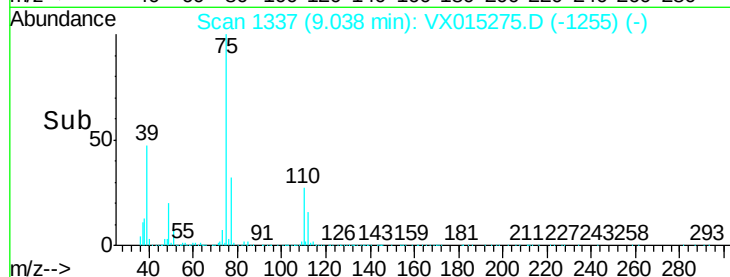
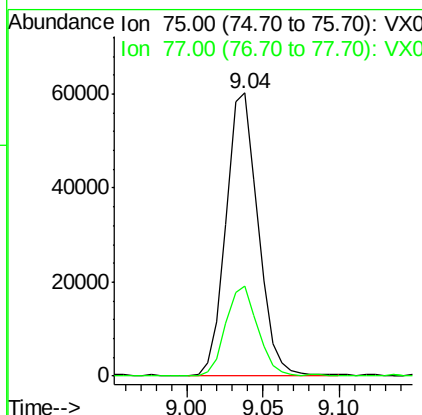
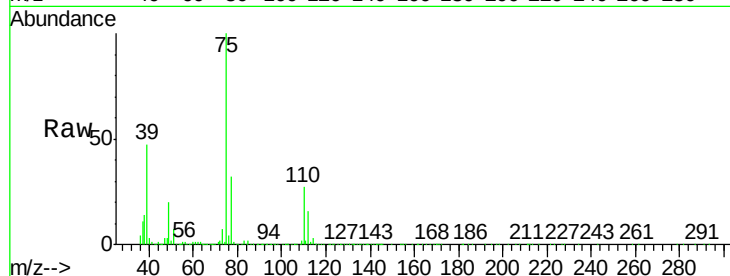
#48
t-1,3-Dichloropropene
Concen: 18.918 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7

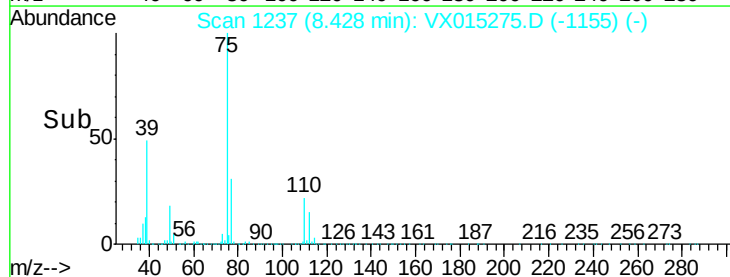
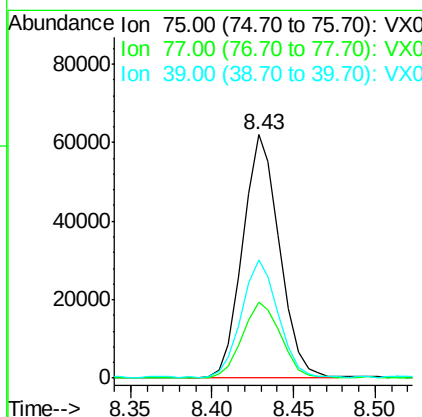
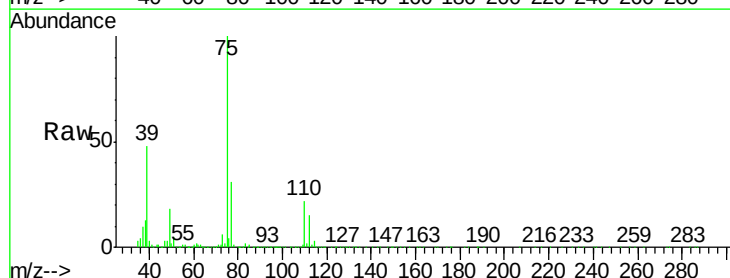
Manual Integrations
APPROVED

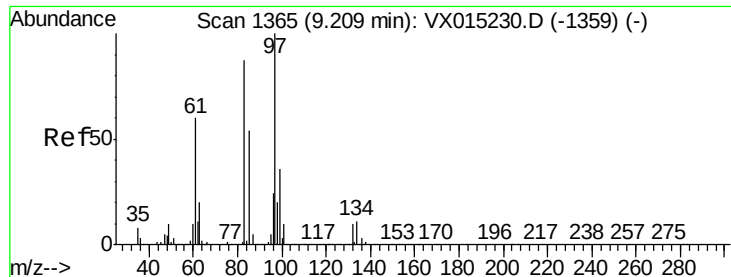
MMDadoda
3/16/2020 2:07:34 PM



#49
cis-1,3-Dichloropropene
Concen: 18.373 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9
39	48.0	39.8	59.6





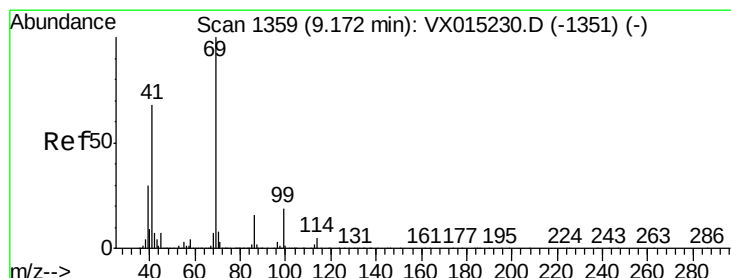
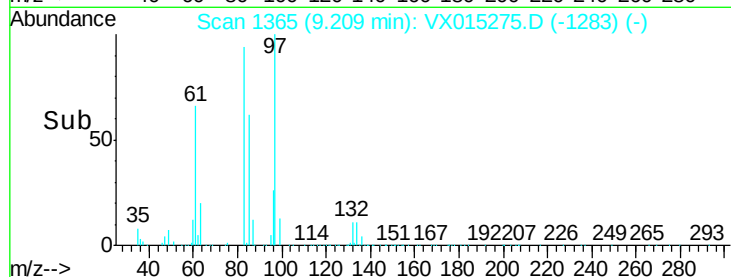
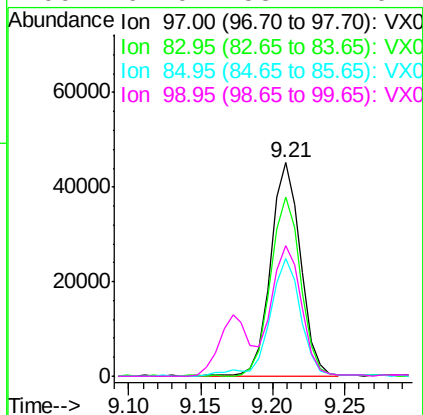
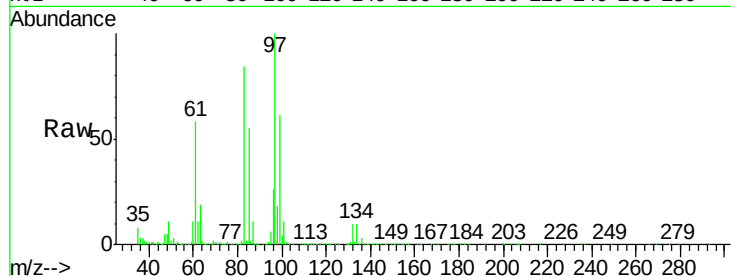
#50
 1,1,2-Trichloroethane
 Concen: 20.502 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion:	97	Resp:	65312
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.7	104.5
85	55.1	45.4	68.0
99	61.0	53.1	79.7

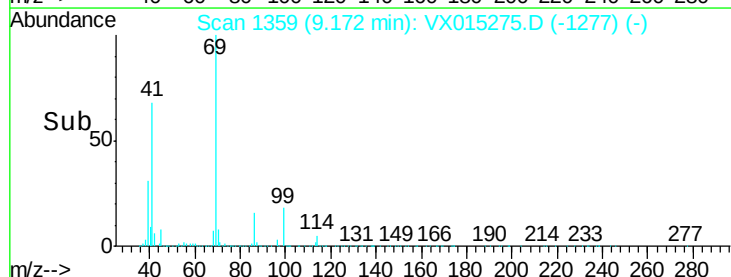
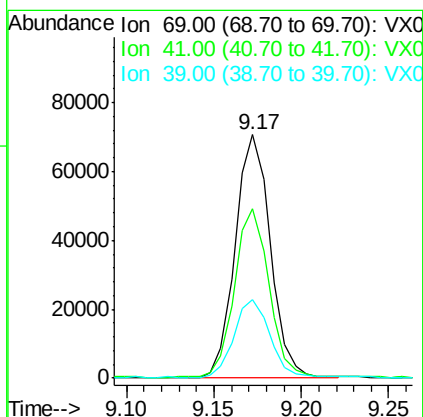
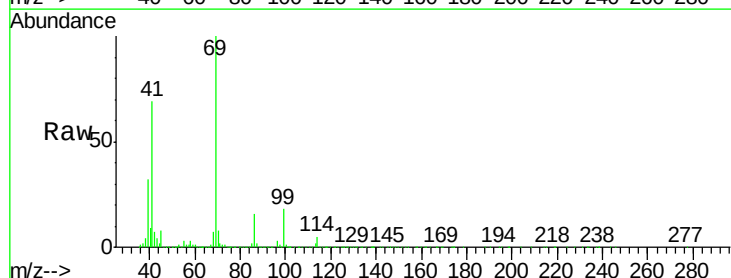
Manual Integrations
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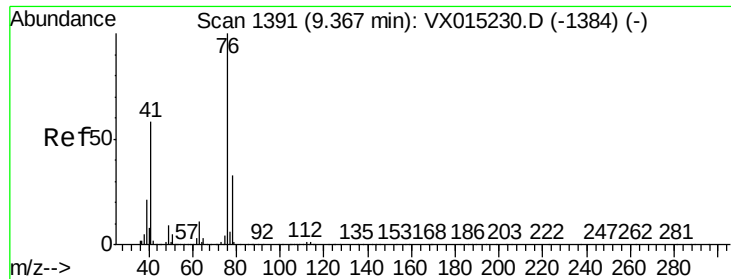
MMDadoda
 3/16/2020 2:07:34 PM



#51
 Ethyl methacrylate
 Concen: 19.788 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion:	69	Resp:	98364
Ion	Ratio	Lower	Upper
69	100		
41	69.2	33.8	101.3
39	31.9	15.1	45.3





#52

1,3-Dichloropropane

Concen: 21.018 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 76 Resp: 113326

Ion Ratio Lower Upper

76 100

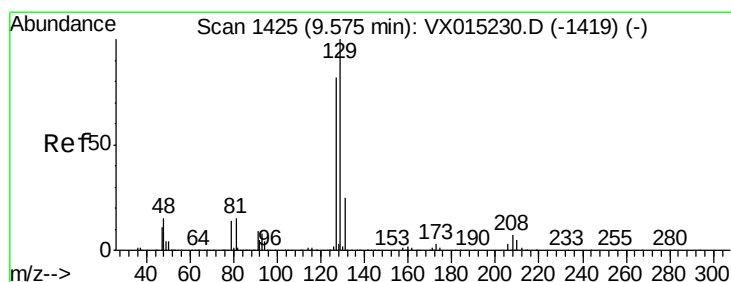
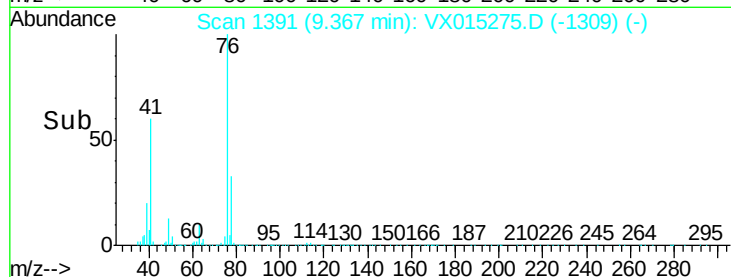
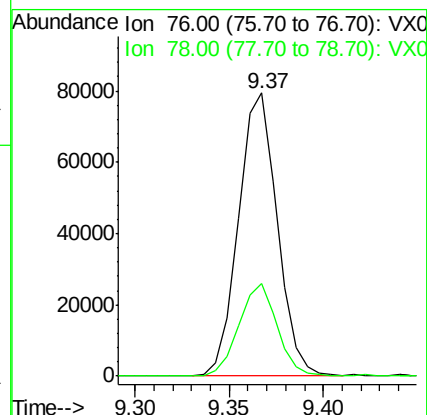
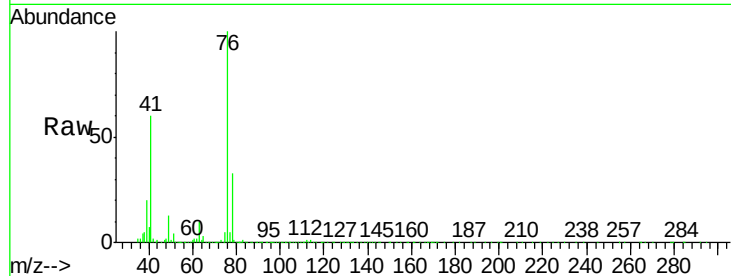
78 32.4 0.0 65.2

Manual Integrations

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#53

Dibromochloromethane

Concen: 20.105 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015275.D

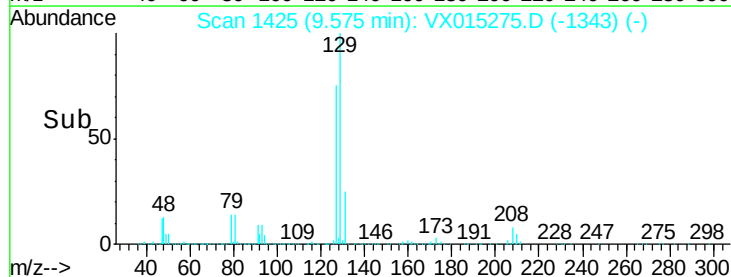
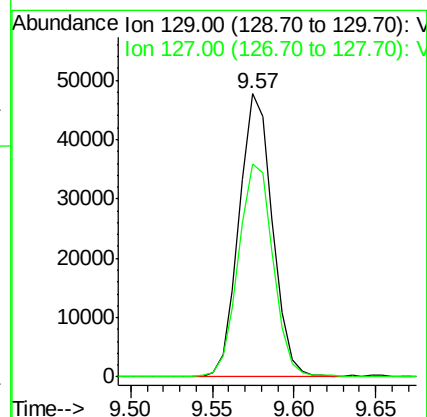
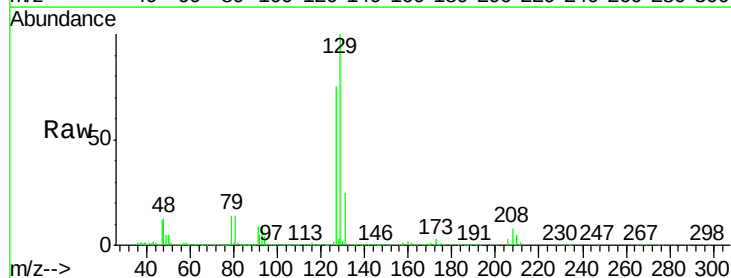
Acq: 13 Mar 2020 22:29

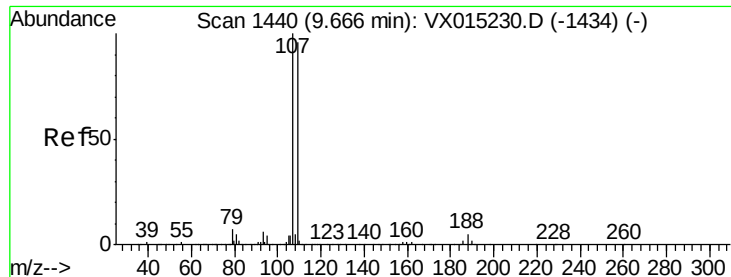
Tgt Ion: 129 Resp: 68210

Ion Ratio Lower Upper

129 100

127 77.9 40.4 121.1





#54

1,2-Dibromoethane

Concen: 21.177 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 107 Resp: 69595

Ion Ratio Lower Upper

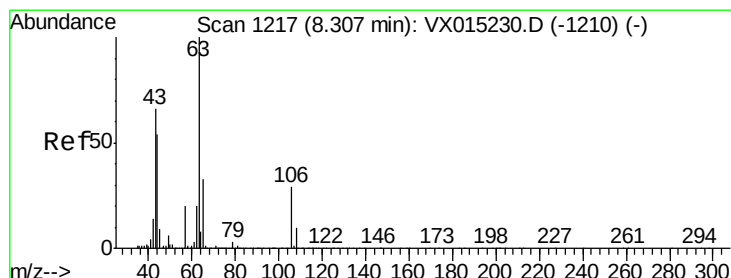
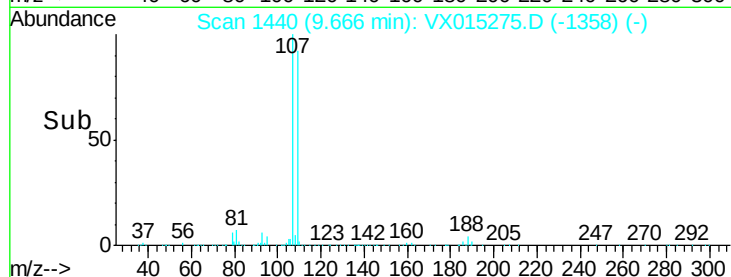
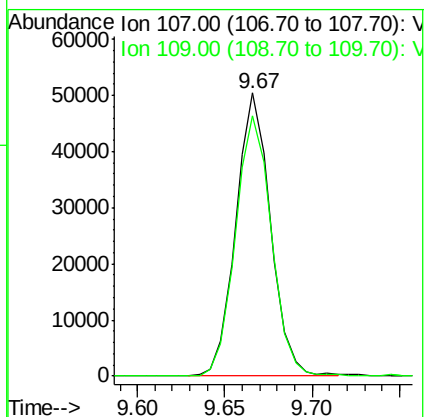
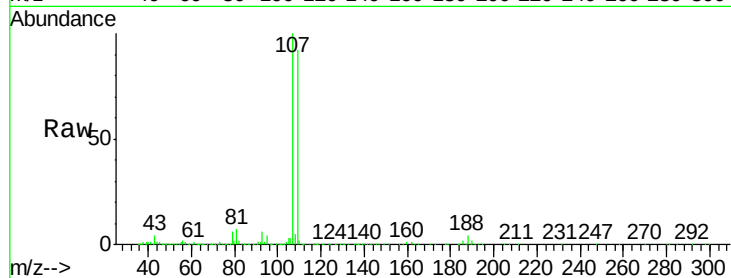
107 100

109 95.0 75.0 112.4

Manual Integrations
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#55

2-Chloroethyl vinyl ether

Concen: 100.909 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

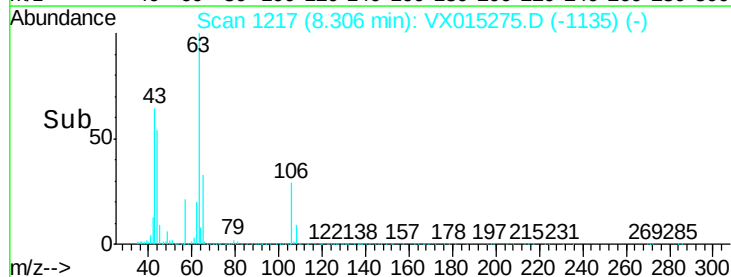
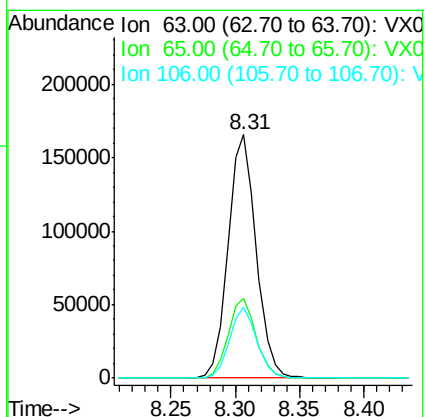
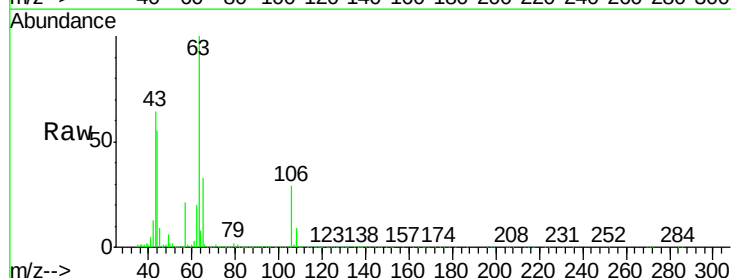
Tgt Ion: 63 Resp: 251227

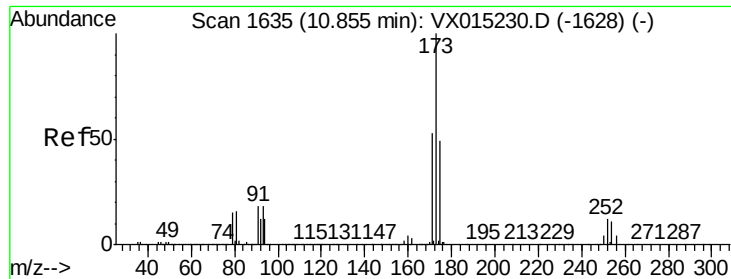
Ion Ratio Lower Upper

63 100

65 32.6 25.6 38.4

106 28.2 23.0 34.4





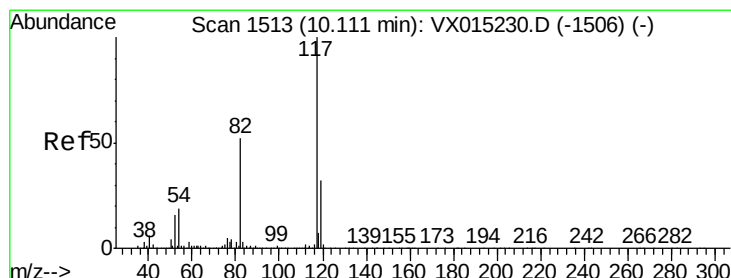
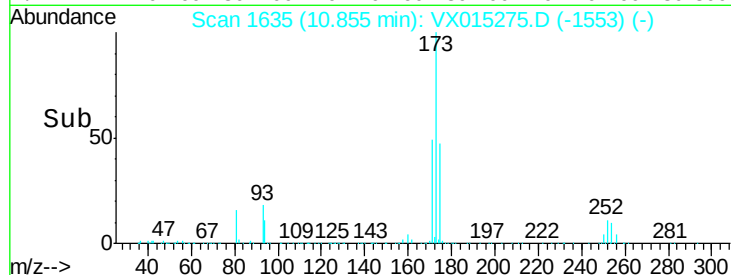
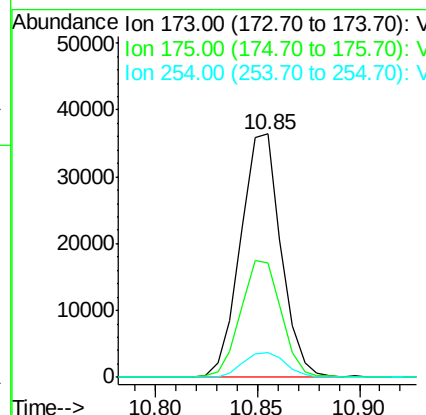
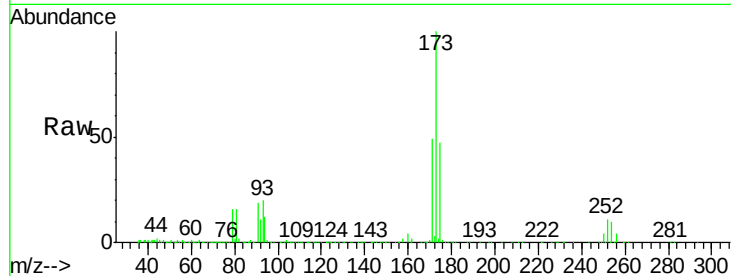
#56
Bromoform
Concen: 18.869 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.9	58.3
254	10.9	9.1	13.7

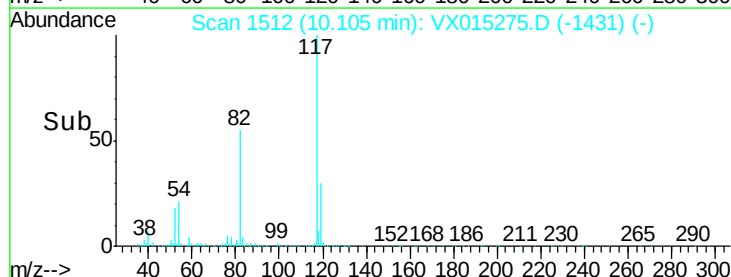
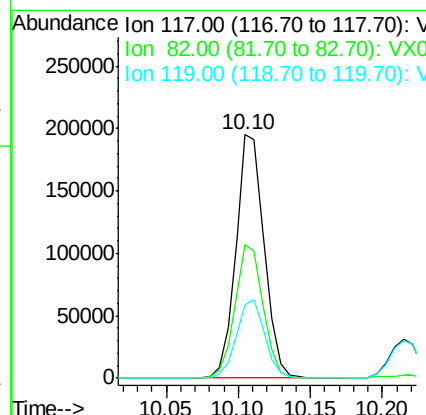
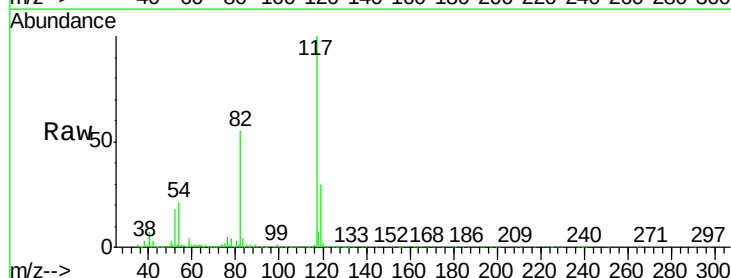
Manual Integrations
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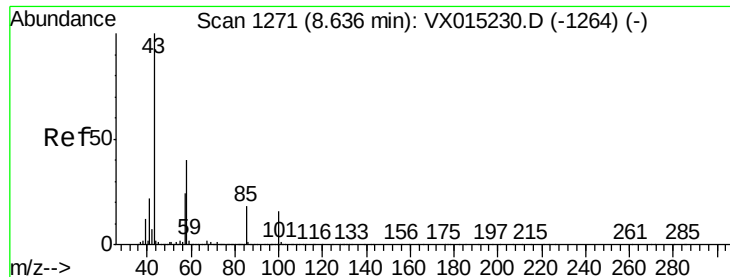
MMDadoda
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.2	64.8
119	32.0	25.8	38.8





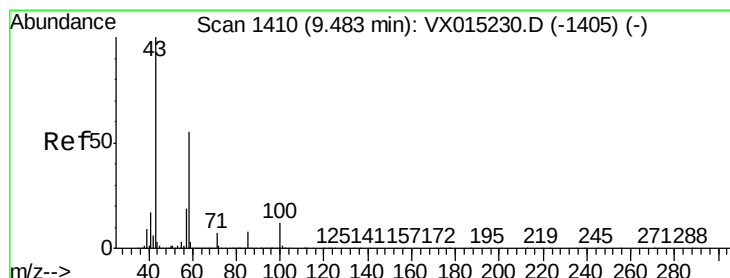
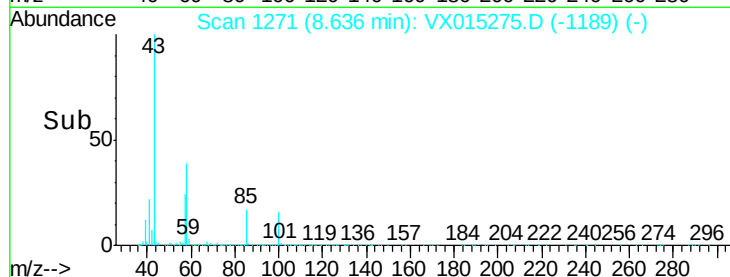
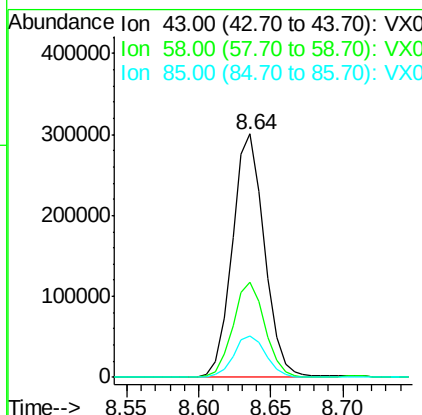
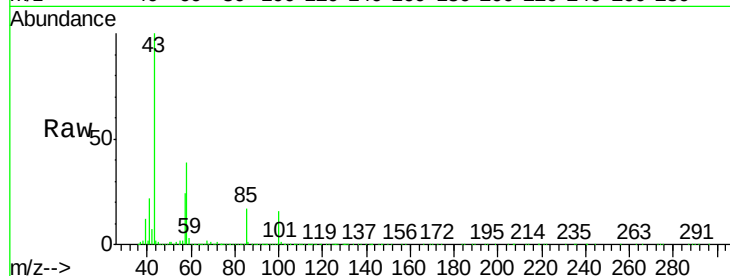
#58
 4-Methyl-2-Pentanone
 Concen: 102.567 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion:	43	Resp:	467552
Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.6	47.4
85	17.2	13.8	20.8

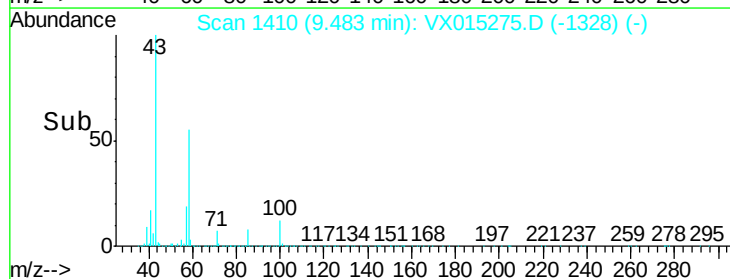
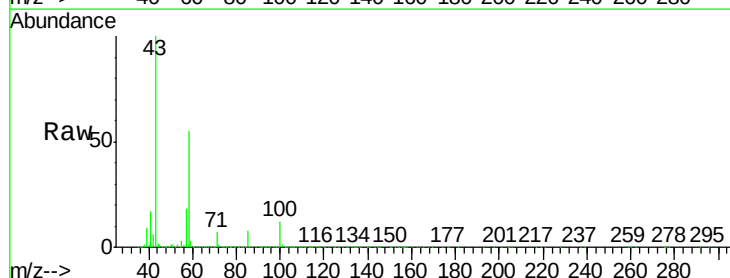
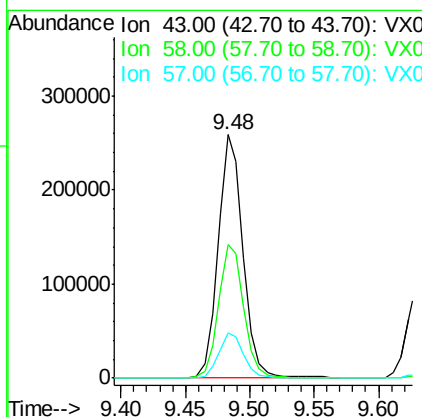
Manual Integrations
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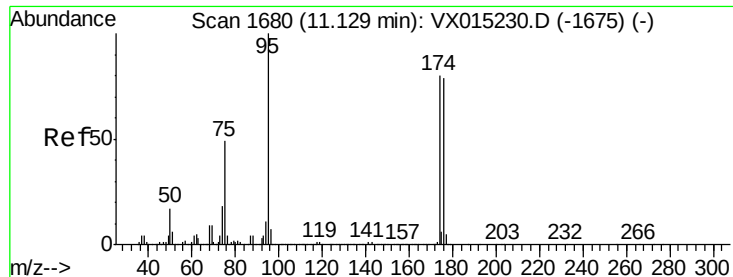
MMDadoda
 3/16/2020 2:07:34 PM



#59
 2-Hexanone
 Concen: 101.456 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion:	43	Resp:	349559
Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.6	66.8
57	18.6	14.6	21.8





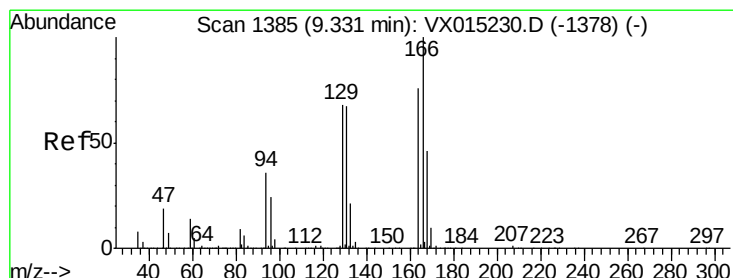
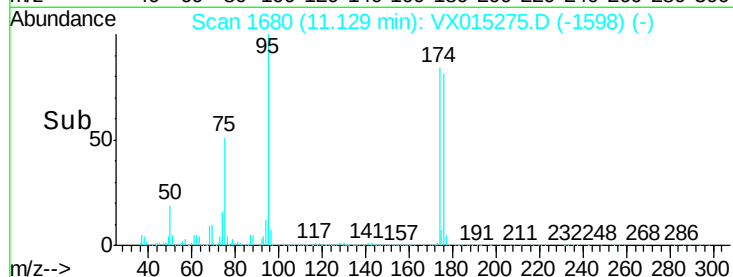
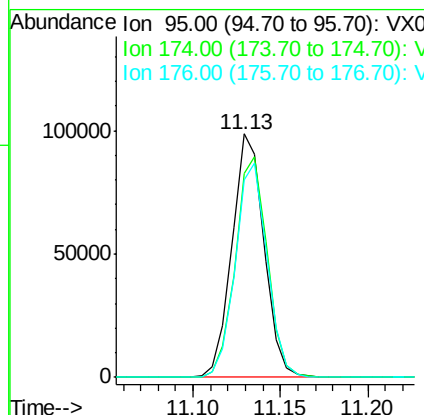
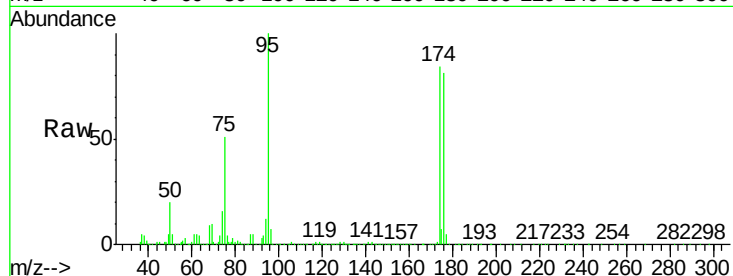
#60
4-Bromofluorobenzene
Concen: 29.512 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
95	100		
174	90.1	72.0	108.0
176	87.5	70.1	105.1

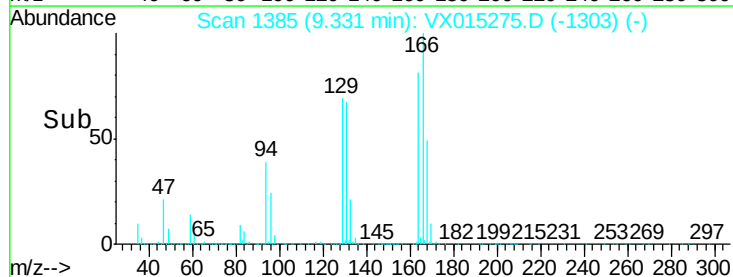
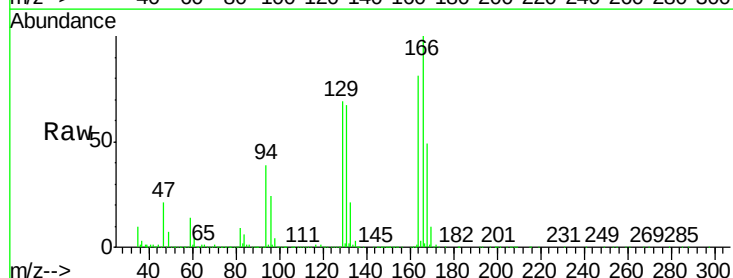
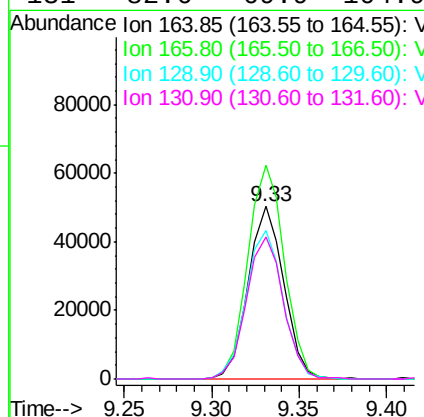
Manual Integrations
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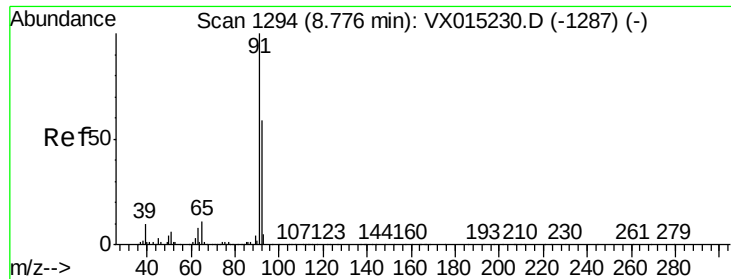
MMDadoda
3/16/2020 2:07:34 PM



#61
Tetrachloroethene
Concen: 19.152 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	105.1	157.7
129	85.9	71.5	107.3
131	82.6	69.9	104.9





#62

Toluene

Concen: 19.169 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 91 Resp: 271609

Ion Ratio Lower Upper

91 100

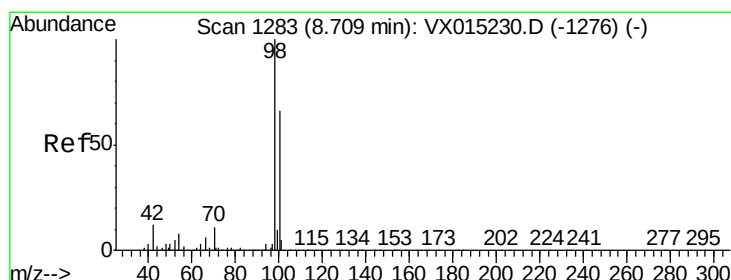
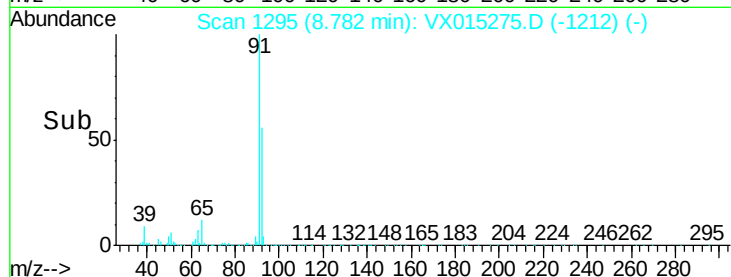
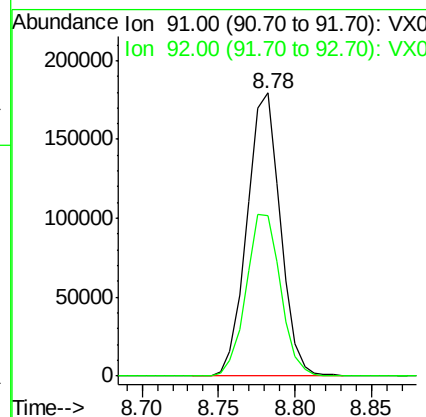
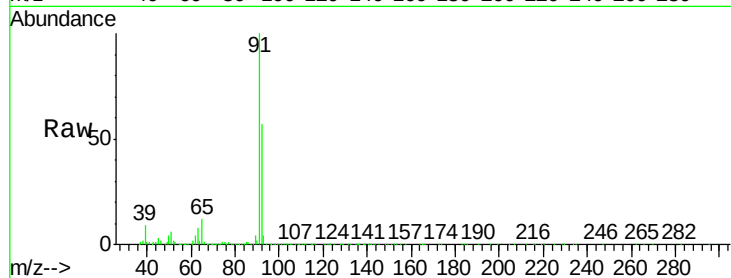
92 58.9 47.1 70.7

Manual Integrations

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#63

Toluene-d8

Concen: 30.847 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015275.D

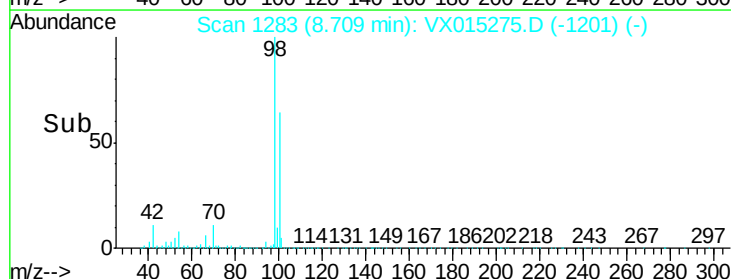
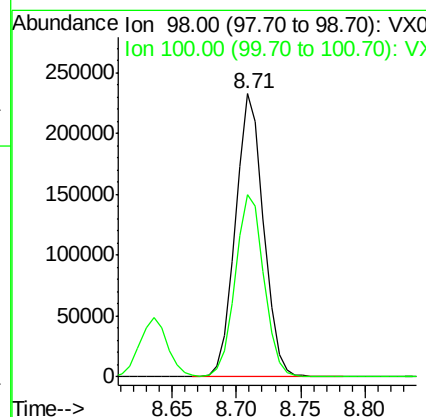
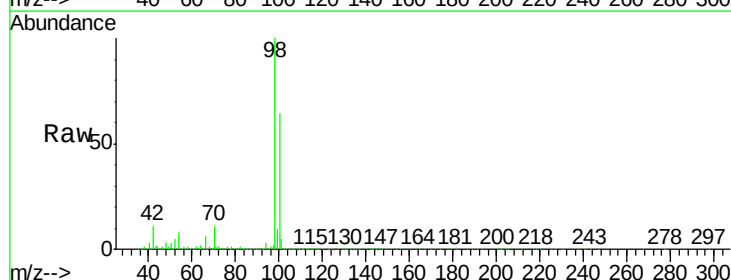
Acq: 13 Mar 2020 22:29

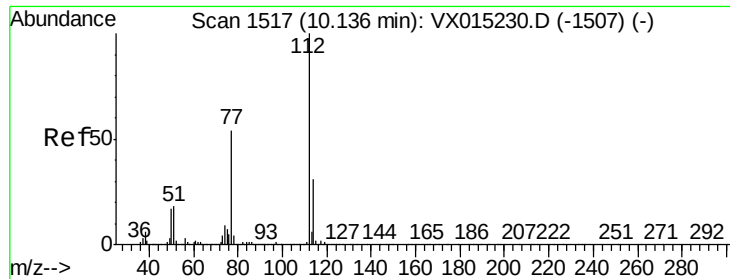
Tgt Ion: 98 Resp: 353790

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4





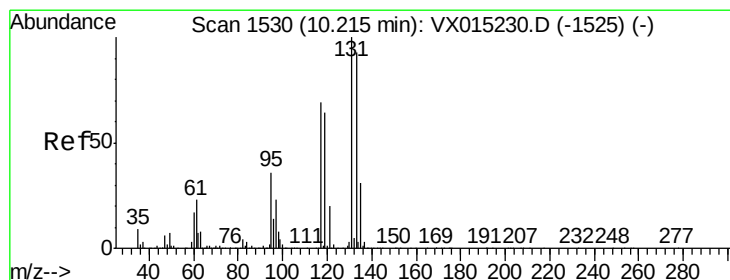
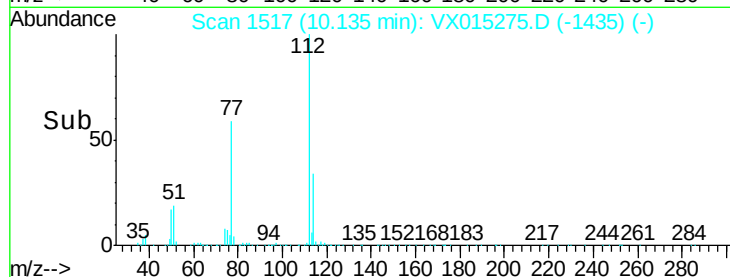
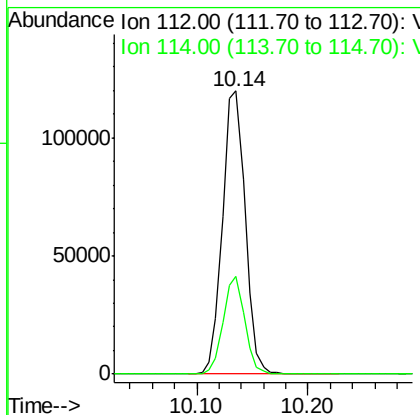
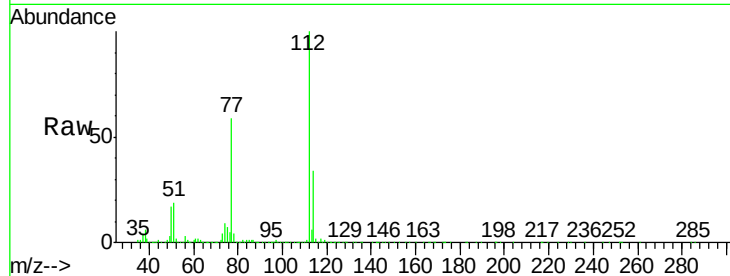
#64
Chlorobenzene
Concen: 18.770 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampled :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.4	24.8	37.2

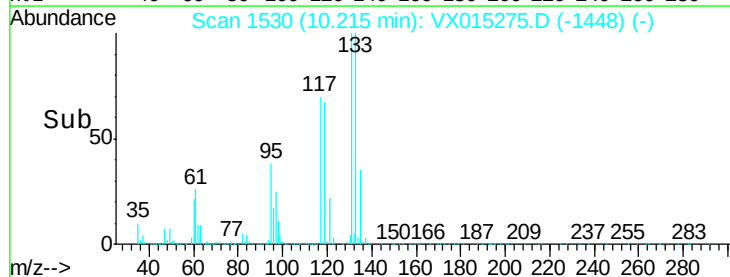
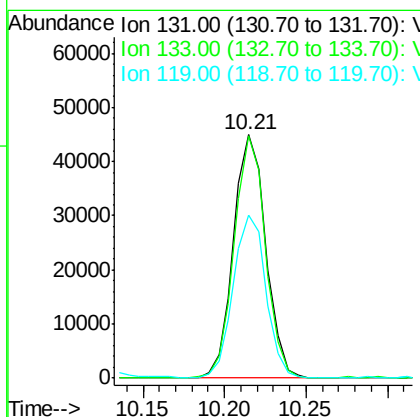
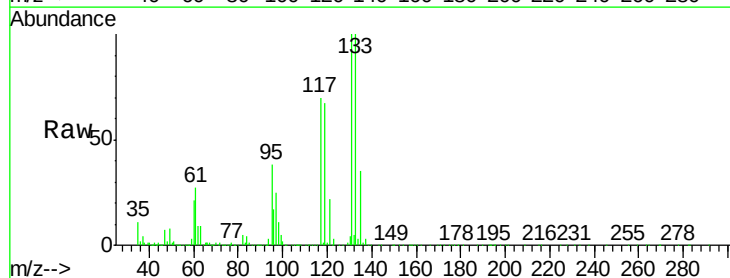
Manual Integrations
APPROVED

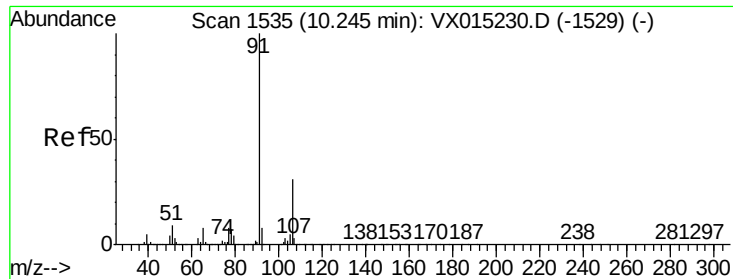
MMDadoda
3/16/2020 2:07:34 PM



#65
1,1,1,2-Tetrachloroethane
Concen: 18.626 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	188.0
119	67.2	0.0	131.0





#66

Ethyl Benzene

Concen: 18.273 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 91 Resp: 288427

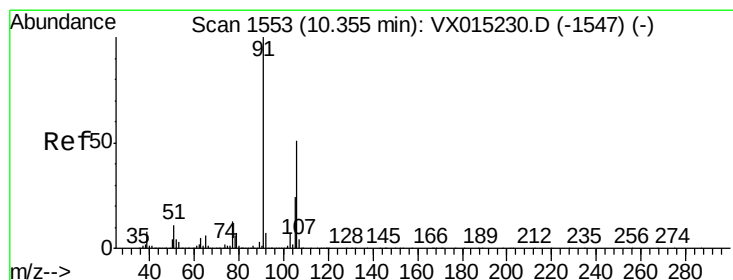
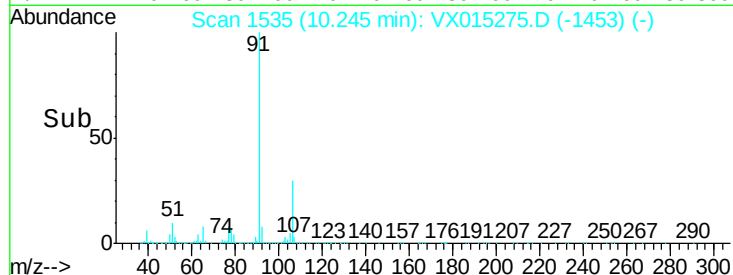
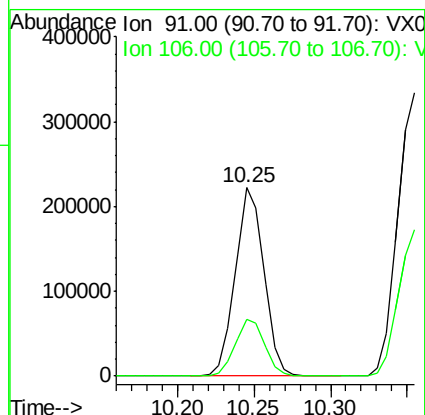
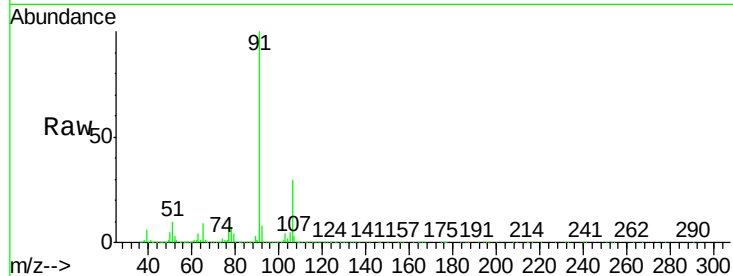
Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3

Manual Integrations
APPROVED

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#67

m/p-Xylenes

Concen: 37.779 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015275.D

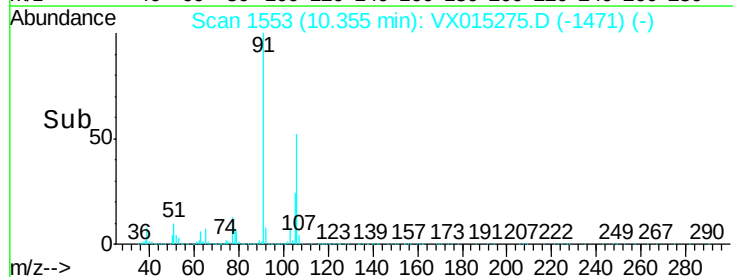
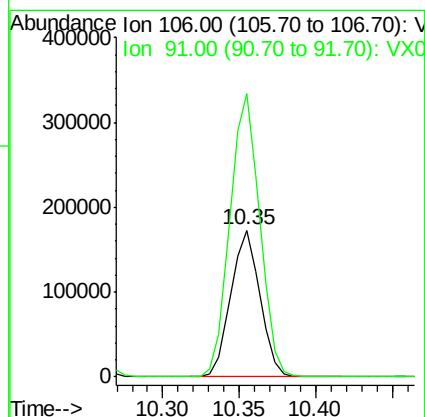
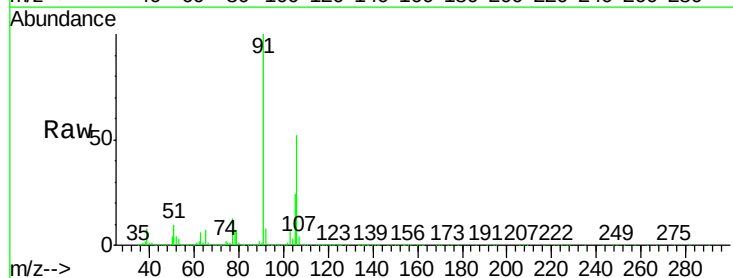
Acq: 13 Mar 2020 22:29

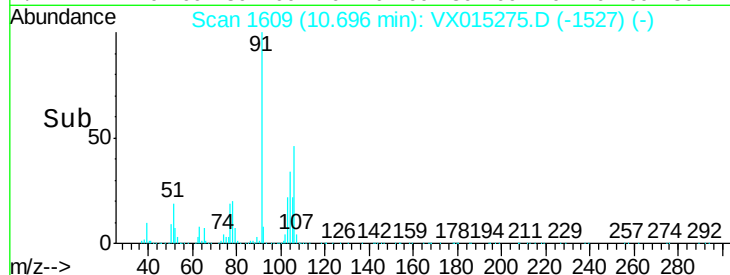
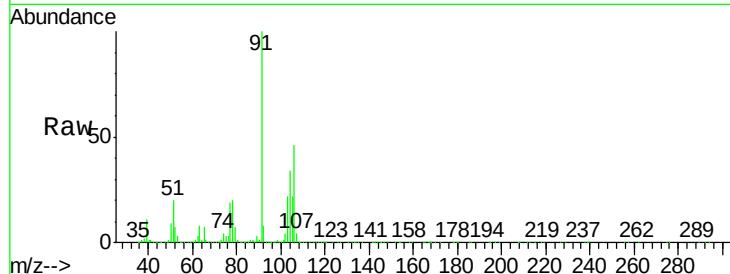
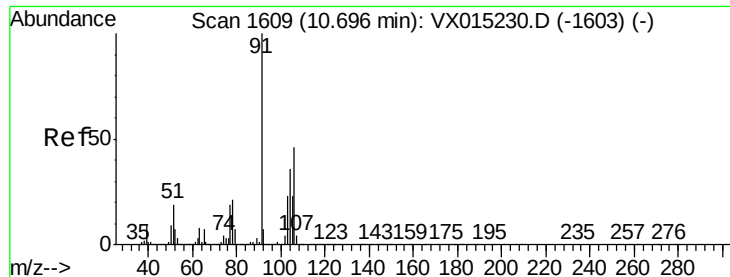
Tgt Ion: 106 Resp: 228905

Ion Ratio Lower Upper

106 100

91 197.5 160.1 240.1





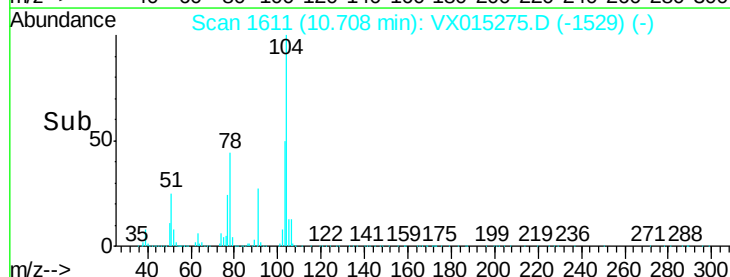
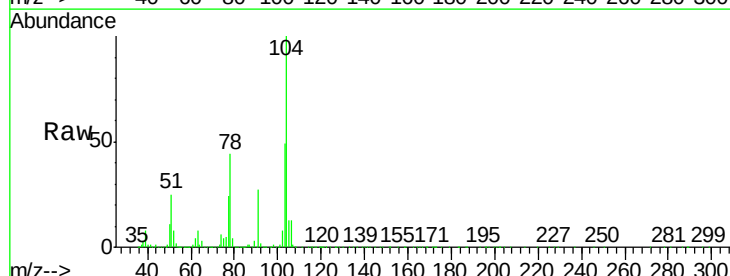
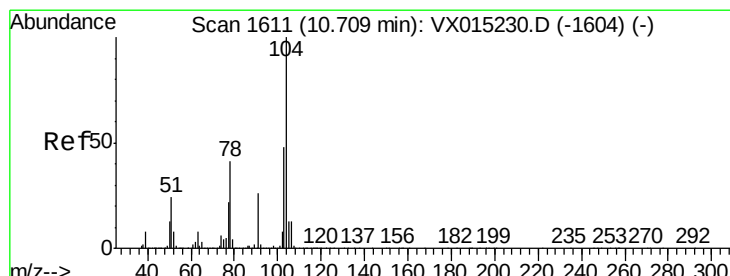
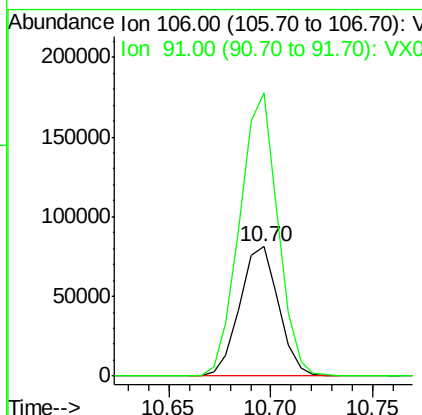
#68
o-Xylene
Concen: 18.440 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tot Ion	Ratio	Resp	Lower	Upper
106	100	107120		
91	215.9	106.4	319.2	

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

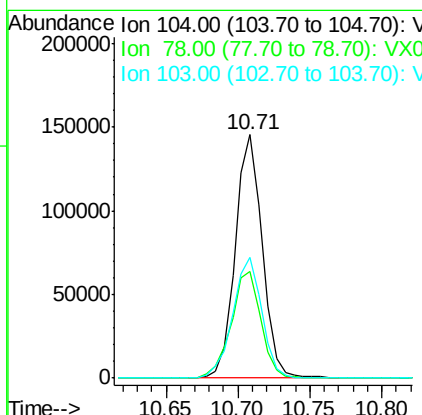
Manual Integrations
APPROVED

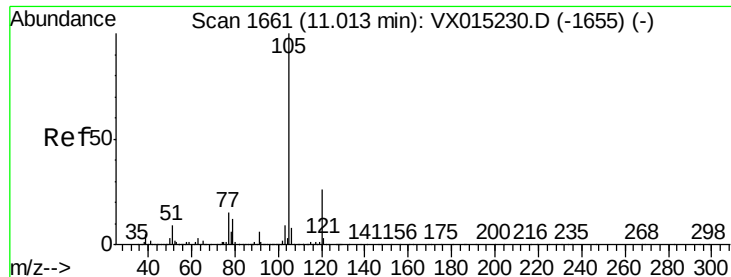
MMDadoda
3/16/2020 2:07:34 PM



#69
Styrene
Concen: 18.757 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	189631		
78	48.8	38.9	58.3	
103	53.6	43.2	64.8	





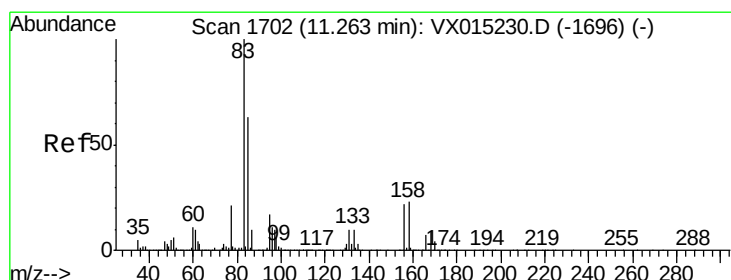
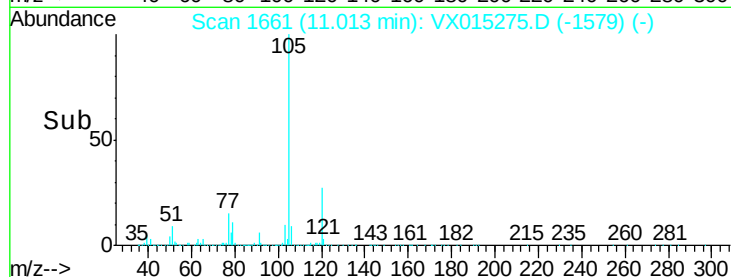
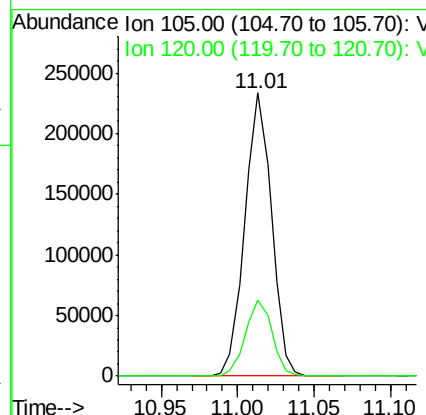
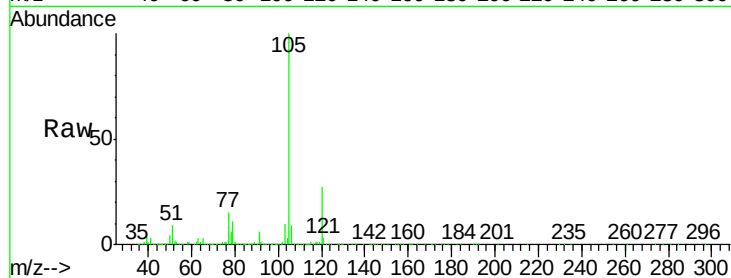
#70
Isopropylbenzene
Concen: 18.352 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.6	34.6

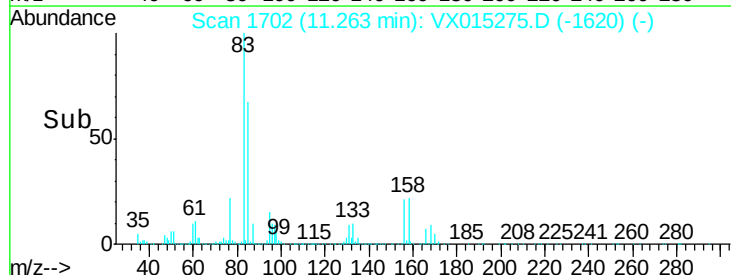
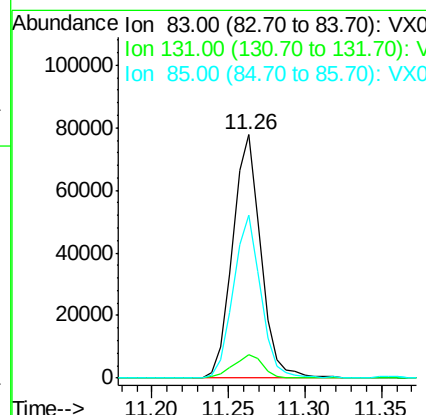
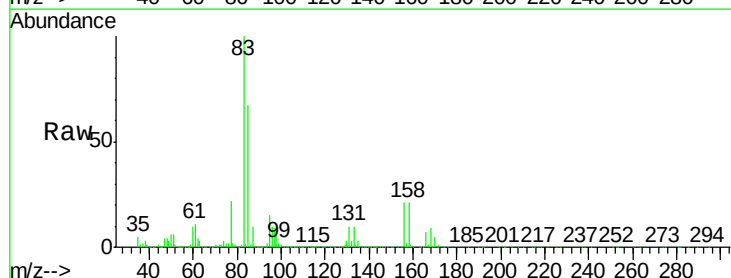
Manual Integrations
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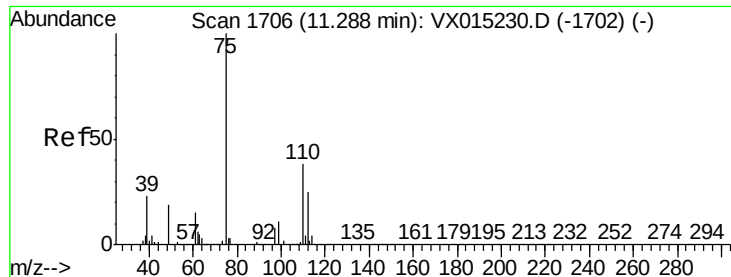
MMDadoda
3/16/2020 2:07:34 PM



#71
1,1,2,2-Tetrachloroethane
Concen: 19.758 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	65.0	31.8	95.4





#72

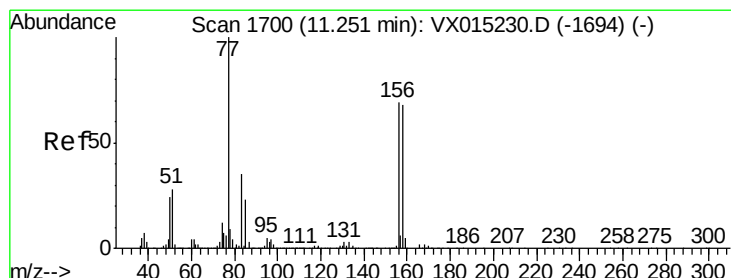
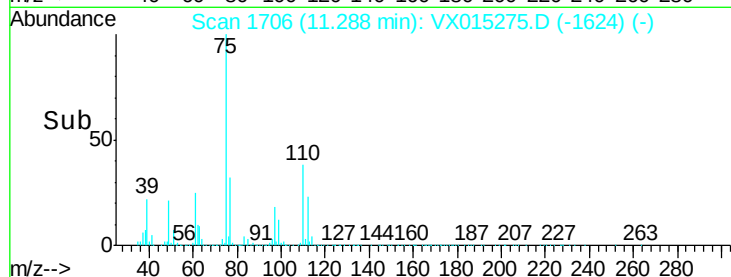
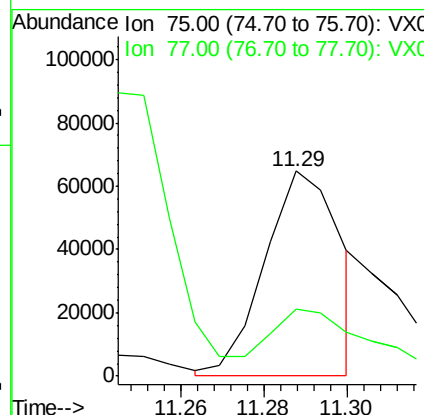
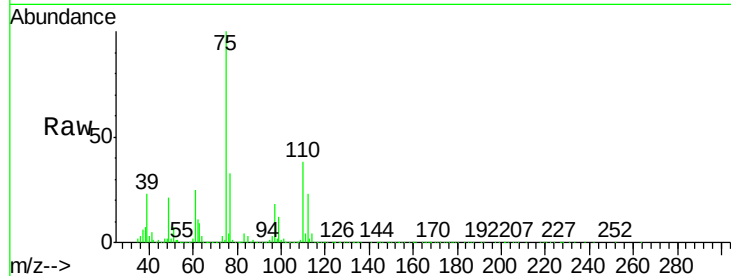
1,2,3-Trichloropropane
Concen: 20.048 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	44.7	0.0	83.0

Manual Integrations
APPROVED

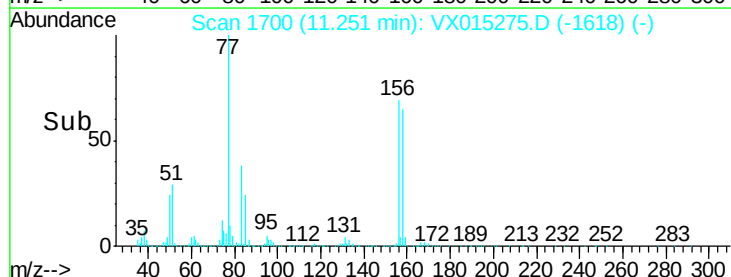
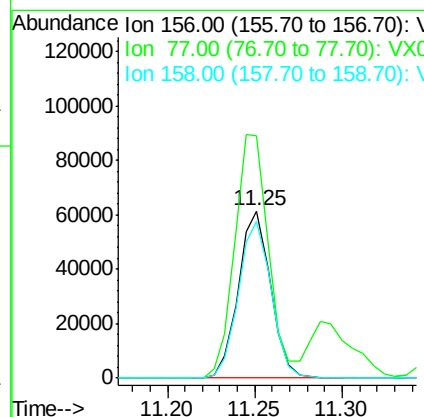
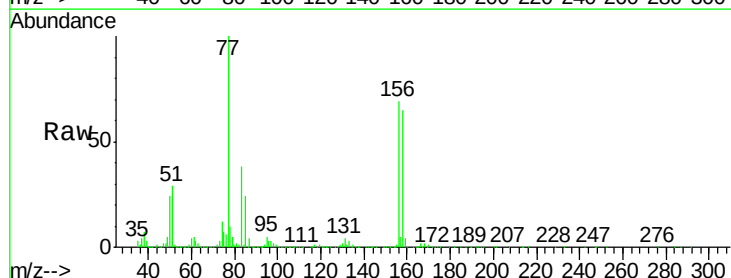
MMDadoda
3/16/2020 2:07:34 PM

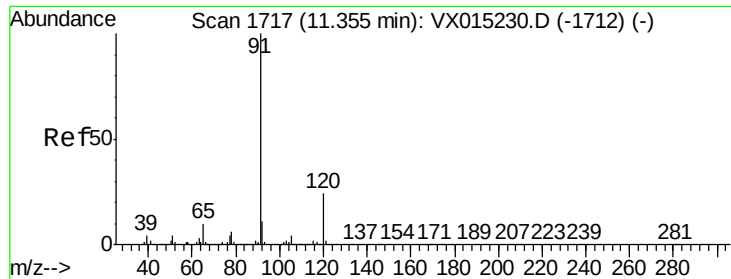


#73

Bromobenzene
Concen: 18.693 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.9	0.0	305.0
158	95.3	0.0	197.2





#74

n-propylbenzene

Concen: 18.142 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 91 Resp: 331399

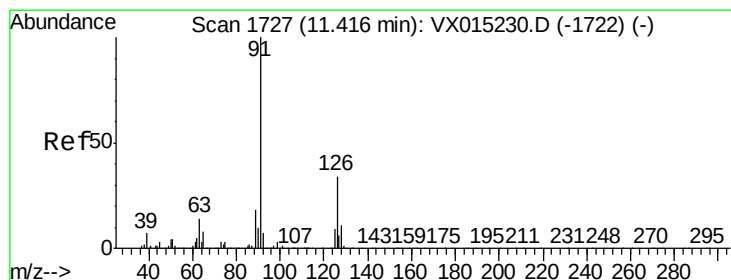
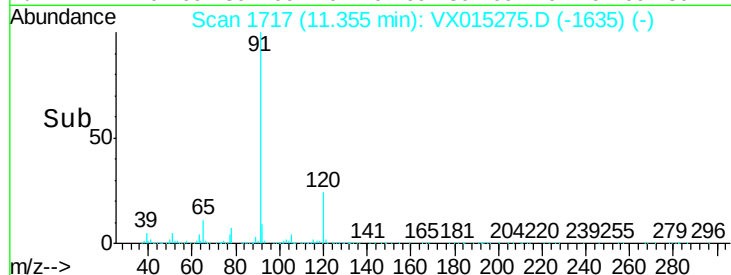
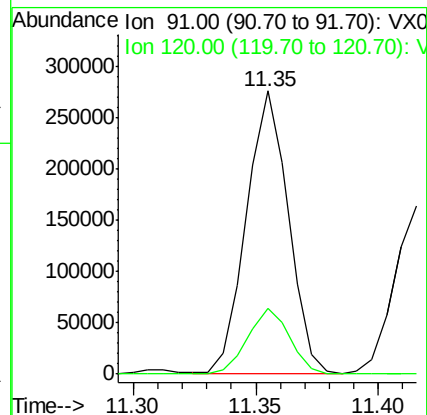
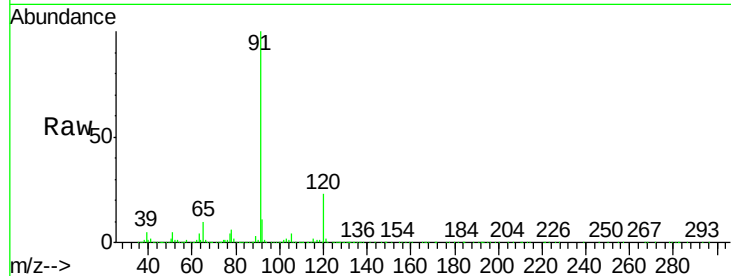
Ion Ratio Lower Upper

91 100

120 23.1 0.0 47.0

Manual Integrations
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#75

2-Chlorotoluene

Concen: 18.901 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015275.D

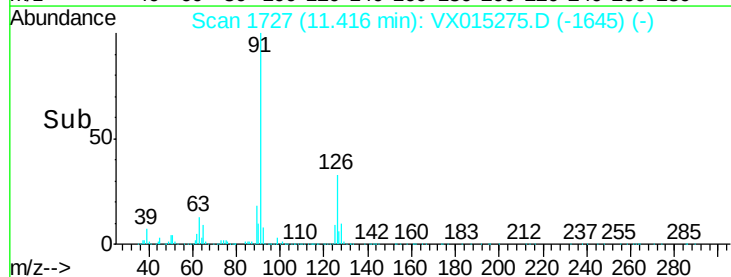
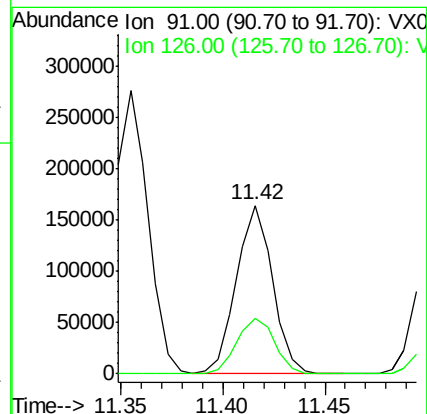
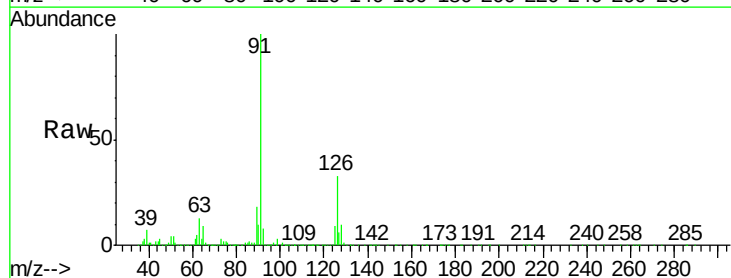
Acq: 13 Mar 2020 22:29

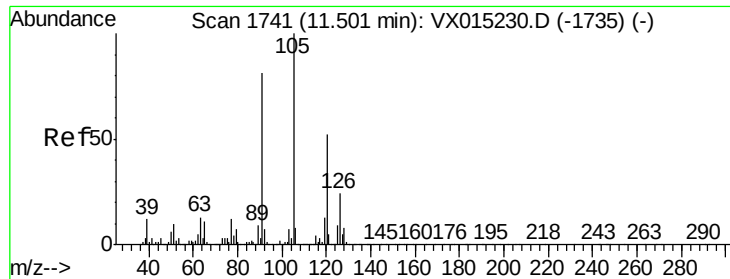
Tgt Ion: 91 Resp: 201582

Ion Ratio Lower Upper

91 100

126 34.6 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 17.671 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion:105 Resp: 233243

Ion Ratio Lower Upper

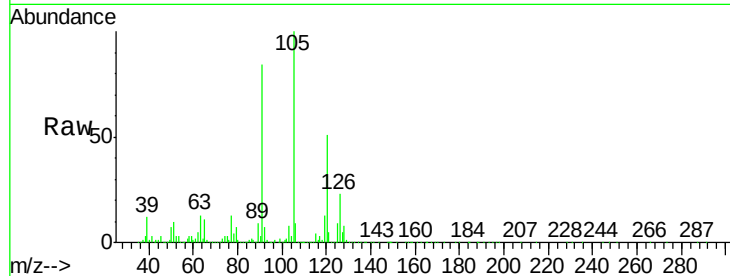
105 100

120 50.2 0.0 101.2

Manual Integrations
APPROVED

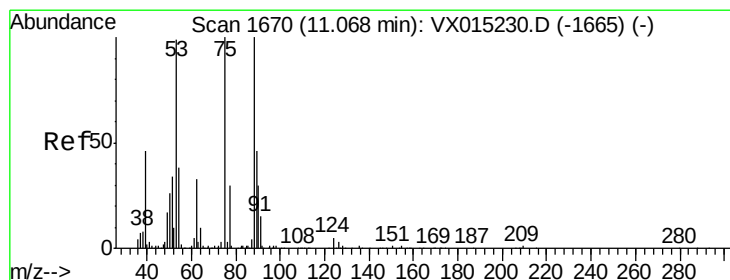
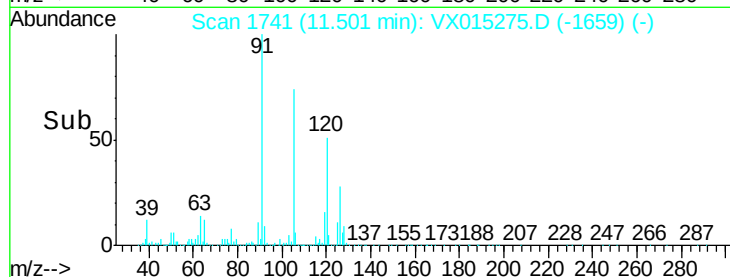
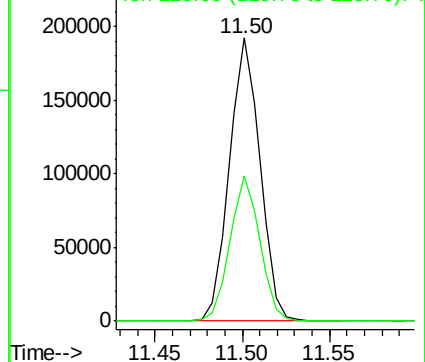
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 17.024 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

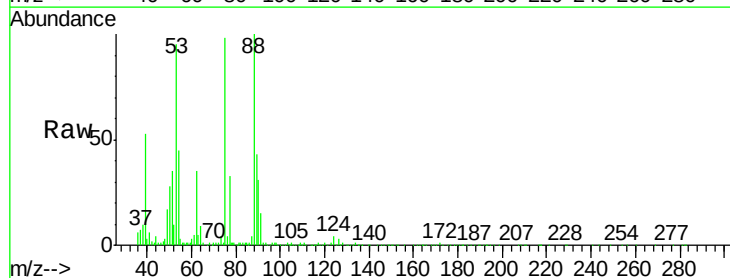
Tgt Ion: 75 Resp: 29291

Ion Ratio Lower Upper

75 100

53 96.4 49.5 148.3

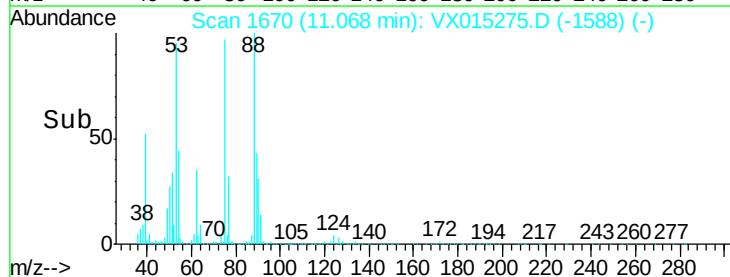
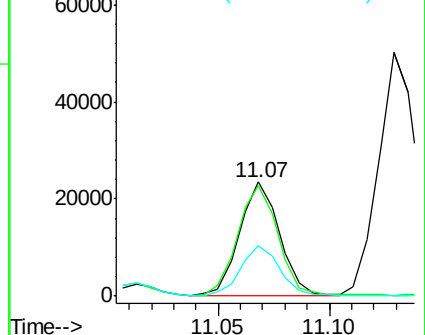
89 43.1 22.9 68.8

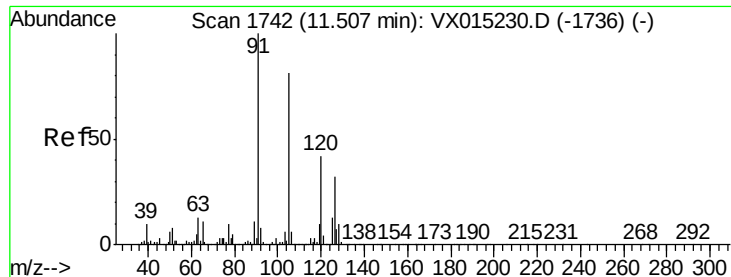


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0





#78

4-Chlorotoluene

Concen: 18.200 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS02

Tot Ion: 91 Resp: 223476

Ion Ratio Lower Upper

91 100

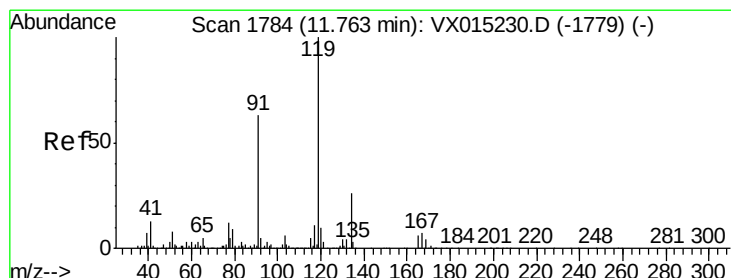
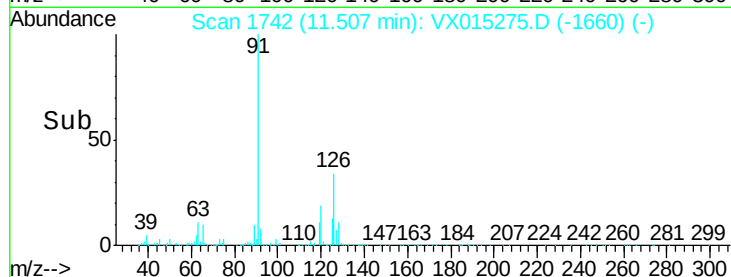
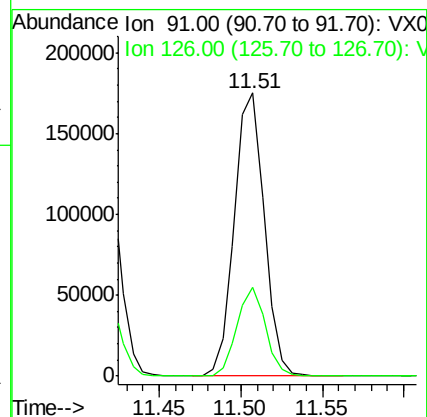
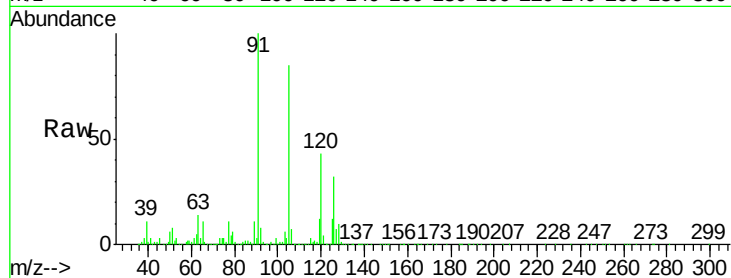
126 30.1 0.0 61.4

Manual Integrations

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#79

tert-butylbenzene

Concen: 18.436 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015275.D

Acq: 13 Mar 2020 22:29

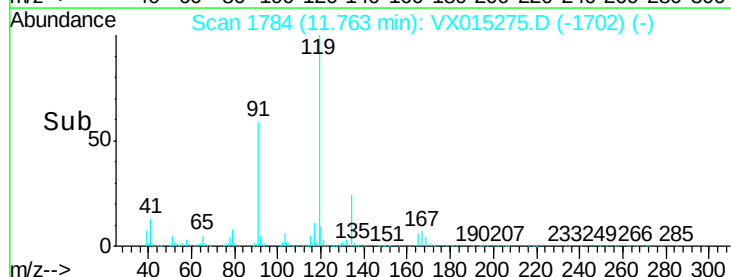
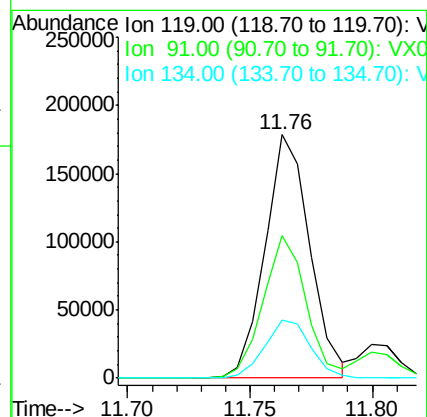
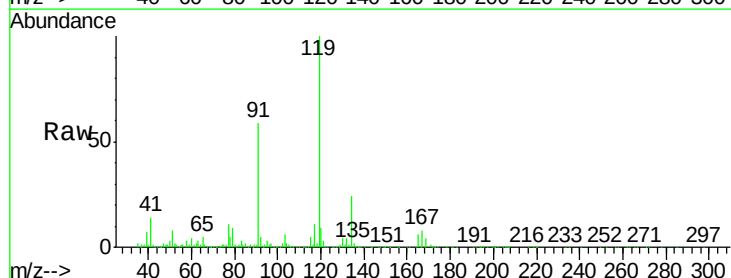
Tgt Ion: 119 Resp: 228142

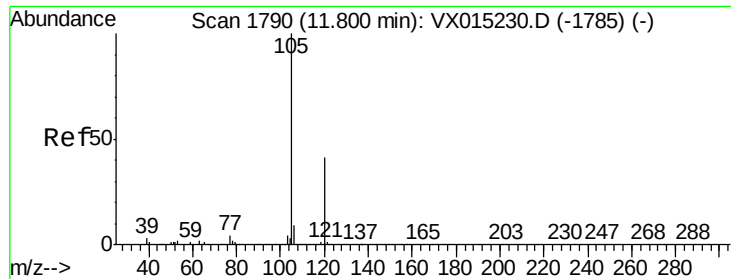
Ion Ratio Lower Upper

119 100

91 55.9 0.0 115.4

134 24.5 0.0 49.4





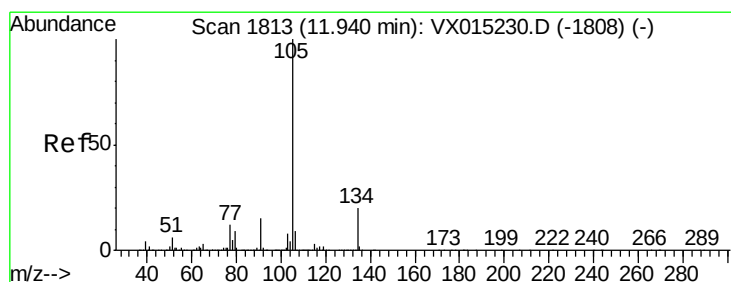
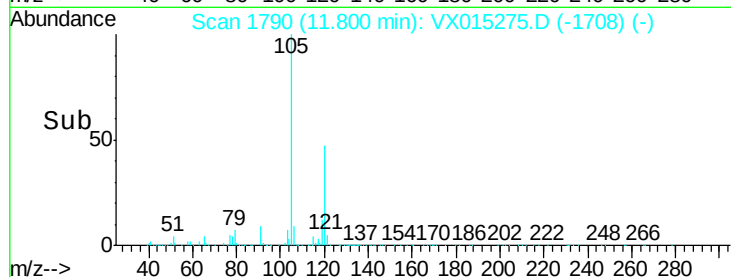
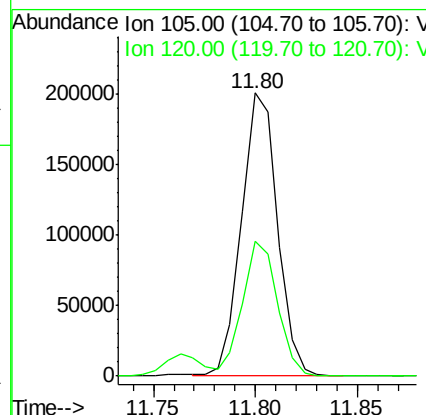
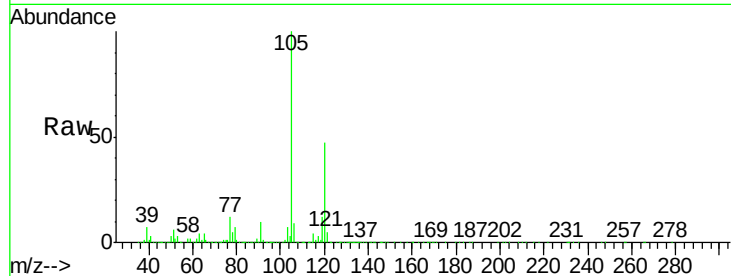
#80
 1,2,4-Trimethylbenzene
 Concen: 18.888 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	246479		
120	46.3	0.0	93.2	

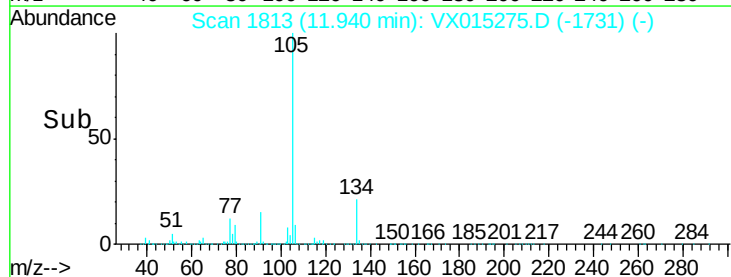
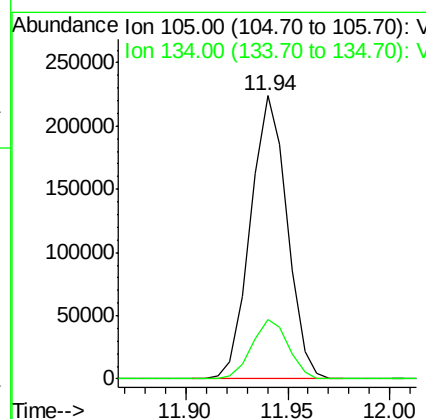
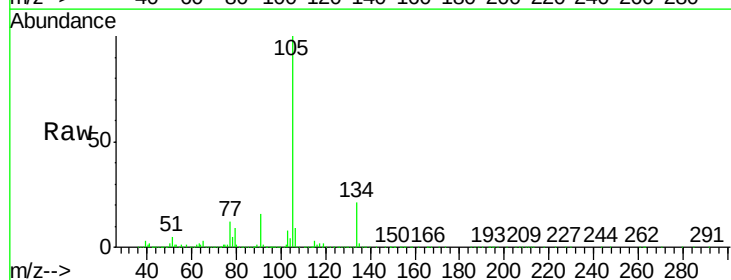
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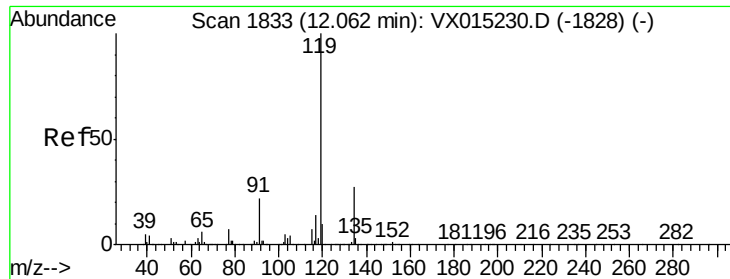
MMDadoda
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#81
 sec-Butylbenzene
 Concen: 18.176 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279133		
134	20.7	0.0	40.8	





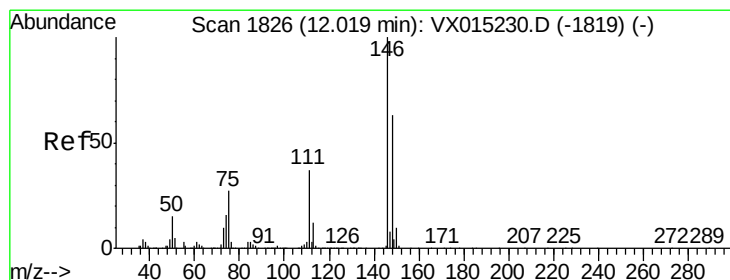
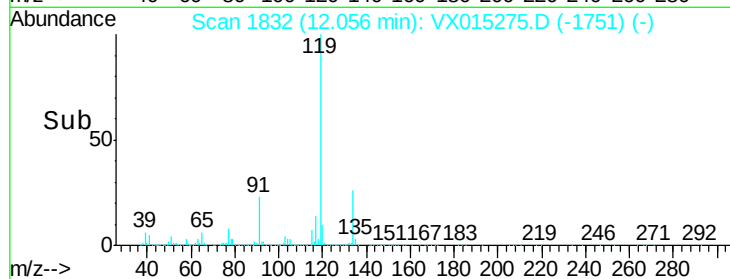
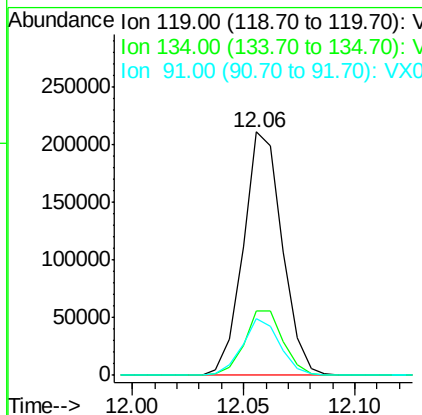
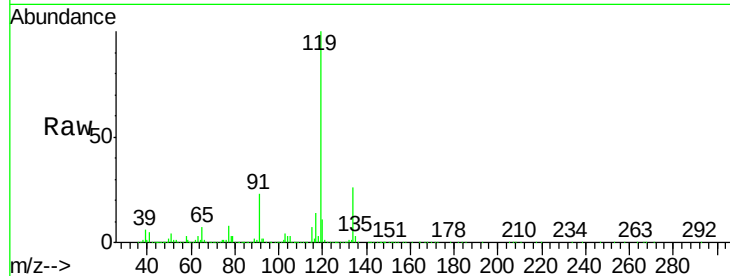
#82
p-Isopropyltoluene
Concen: 18.243 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	26.4	0.0	53.6
91	22.3	0.0	43.6

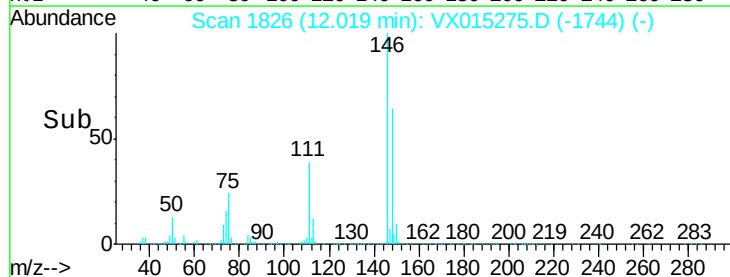
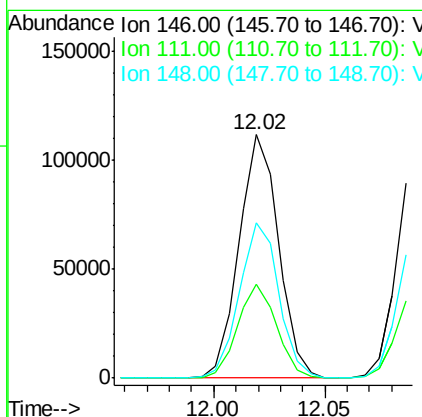
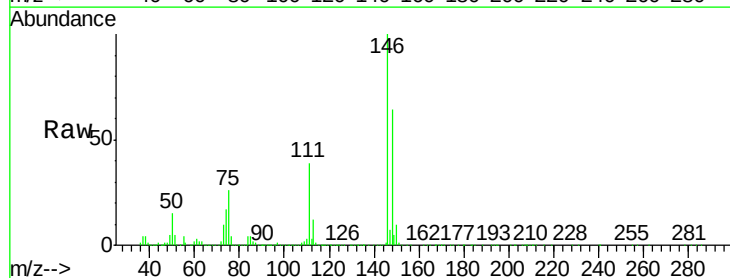
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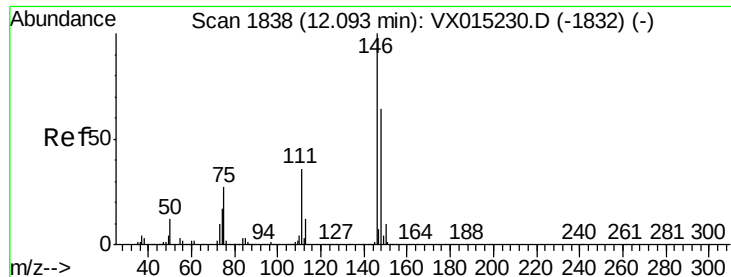
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#83
1,3-Dichlorobenzene
Concen: 18.531 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	38.1	18.8	56.4
148	63.8	31.9	95.7





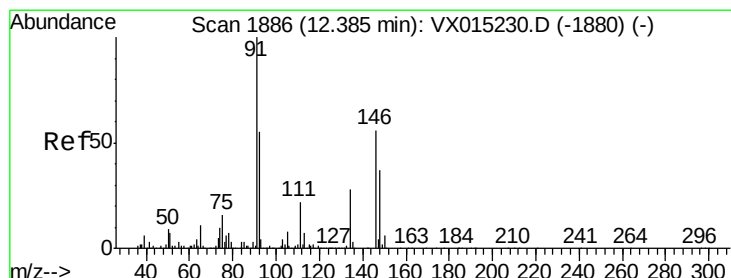
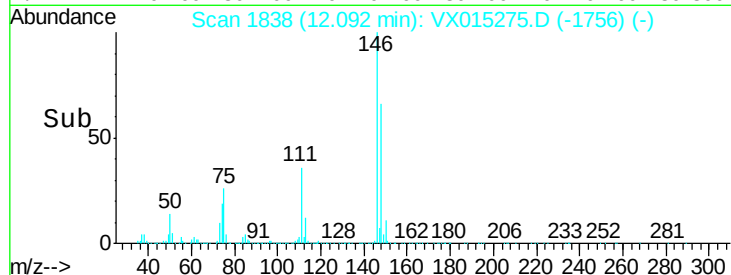
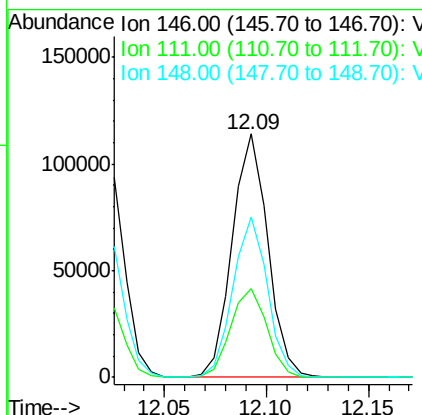
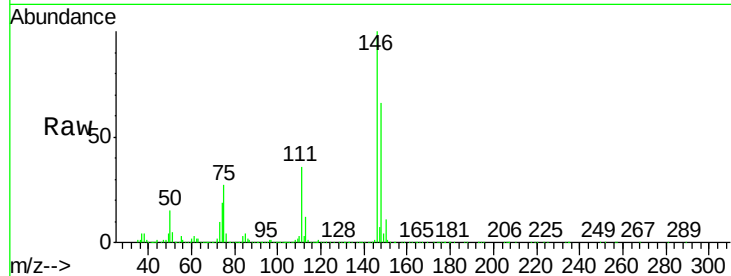
#84
 1,4-Dichlorobenzene
 Concen: 18.480 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	63.9	31.9	95.9

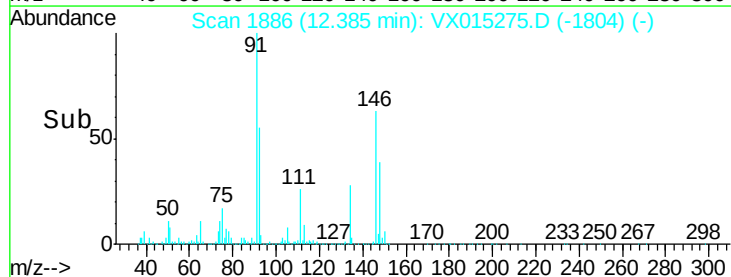
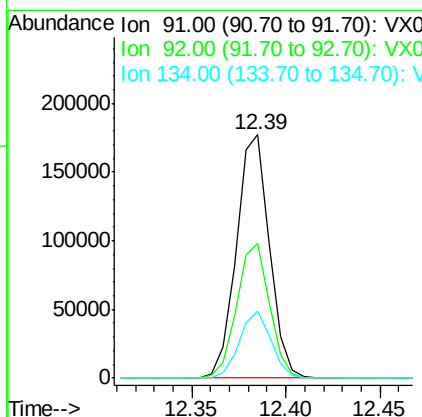
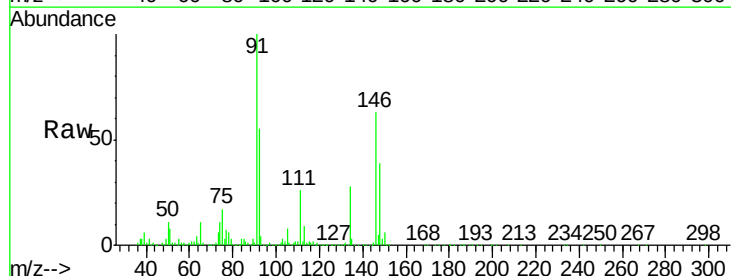
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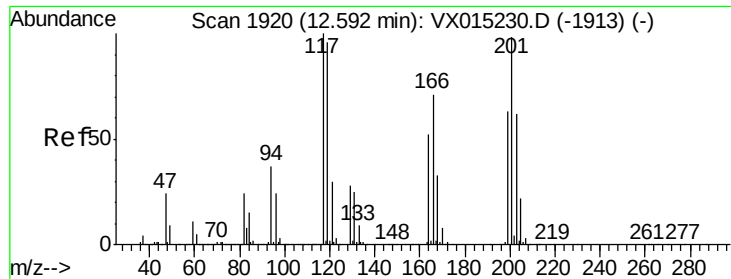
MMDadoda
 3/16/2020 2:07:34 PM



#85
 n-Butylbenzene
 Concen: 17.356 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	0.0	109.4
134	26.4	0.0	53.0





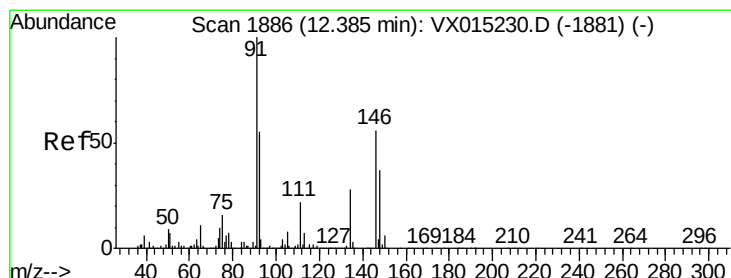
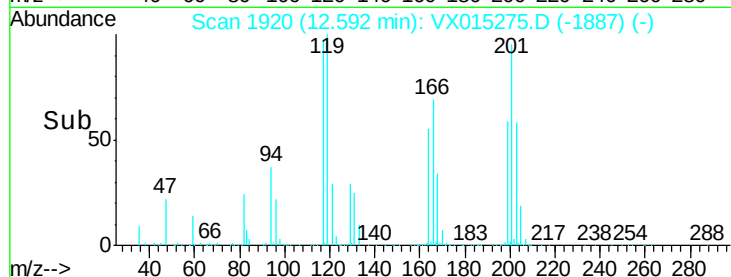
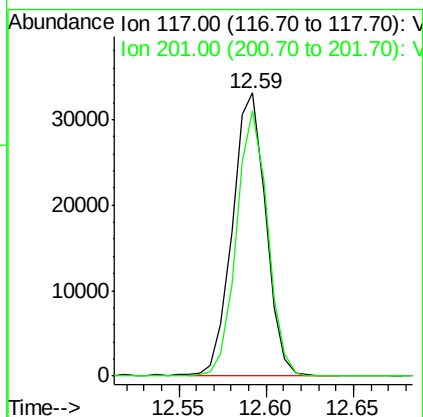
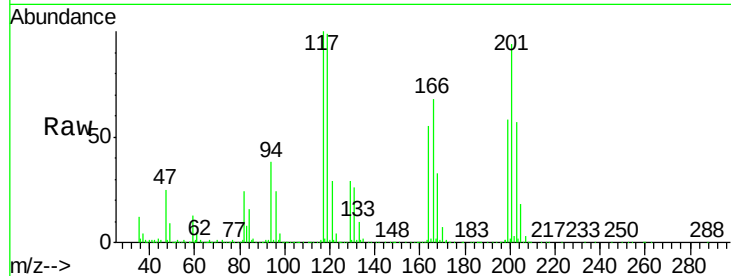
#86
Hexachloroethane
Concen: 17.698 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion:117 Resp: 43756
Ion Ratio Lower Upper
117 100
201 87.9 47.8 143.3

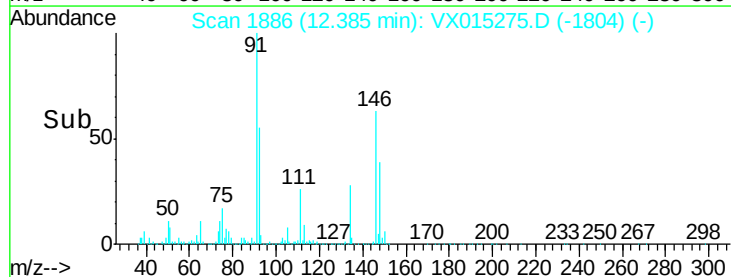
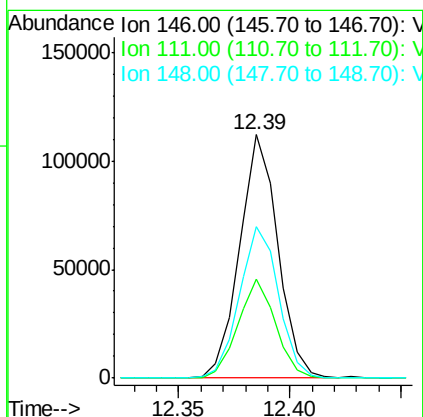
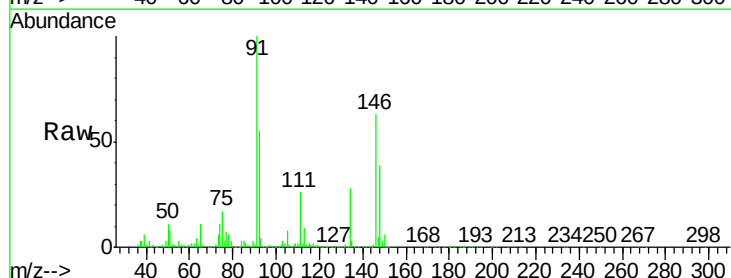
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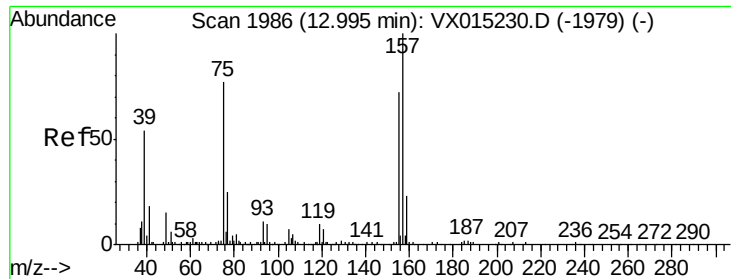
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#87
1,2-Dichlorobenzene
Concen: 18.513 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion:146 Resp: 134492
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.4
148 63.9 32.4 97.0





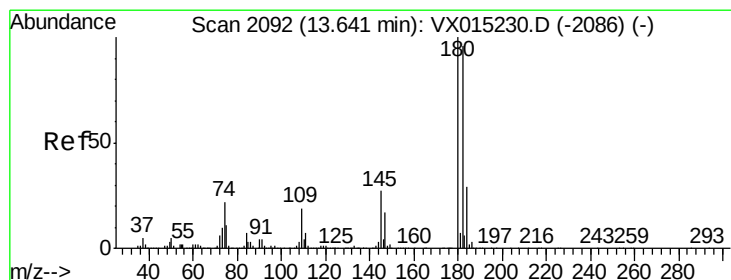
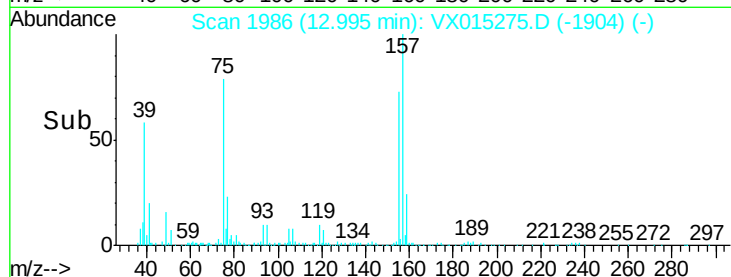
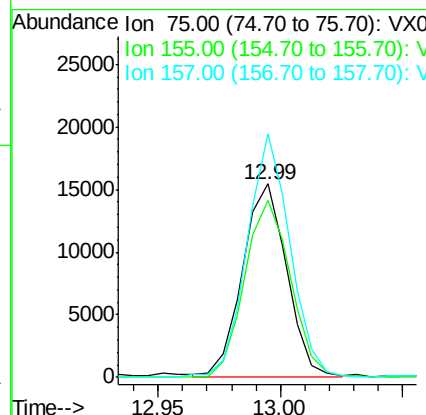
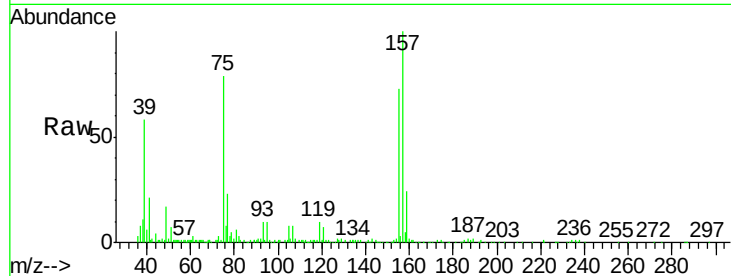
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.730 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.9	77.5	116.3
157	121.9	103.0	154.4

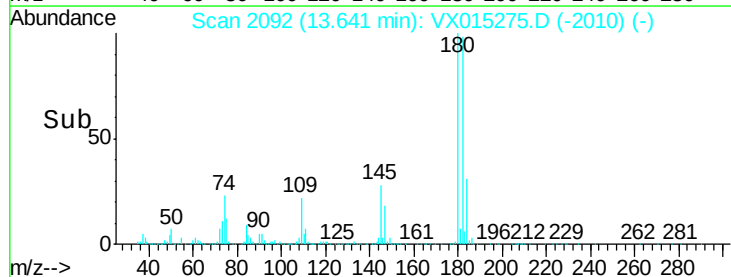
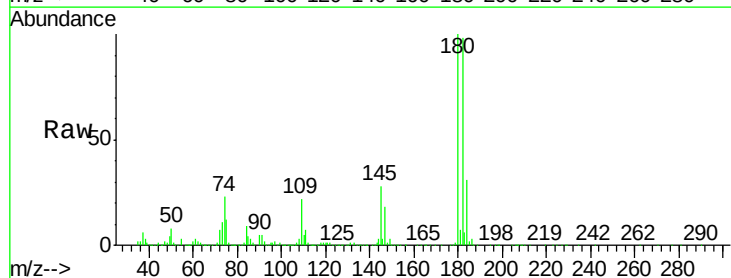
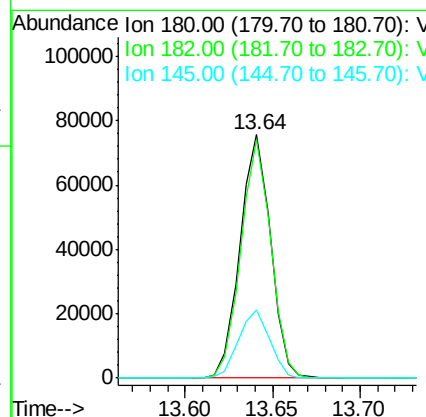
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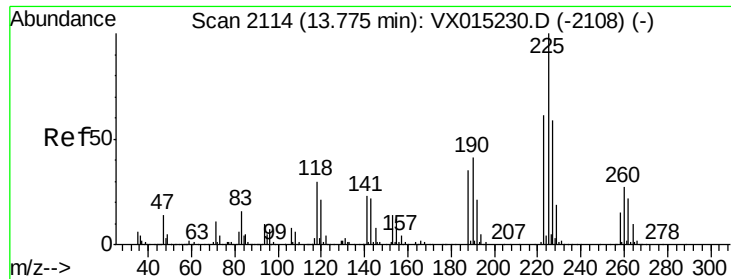
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#89
 1,2,4-Trichlorobenzene
 Concen: 17.182 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	115.0
145	28.7	22.7	34.1





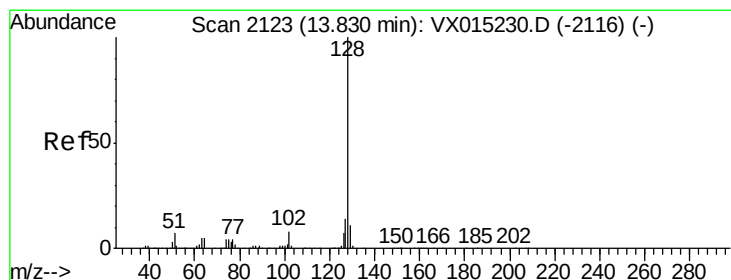
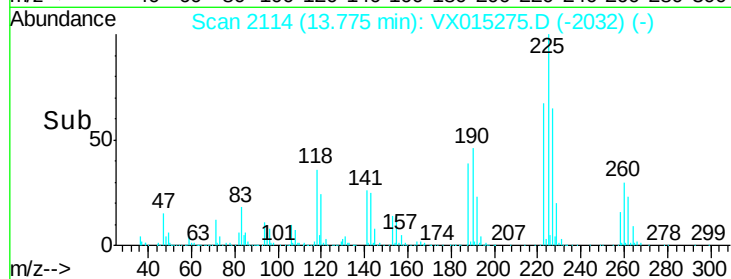
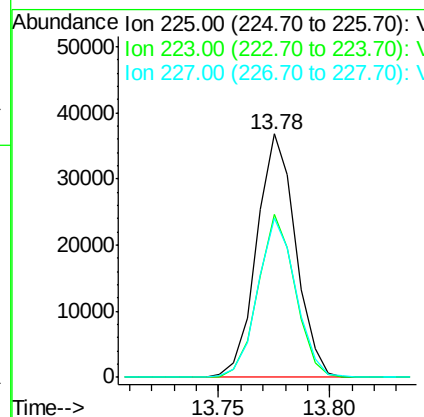
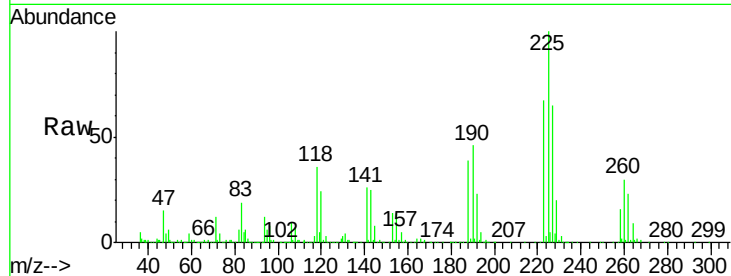
#90
Hexachlorobutadiene
Concen: 16.251 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS02

Tot Ion	Ratio	Resp	Lower	Upper
225	100	44893		
223	63.3	0.0	125.0	
227	63.6	0.0	126.2	

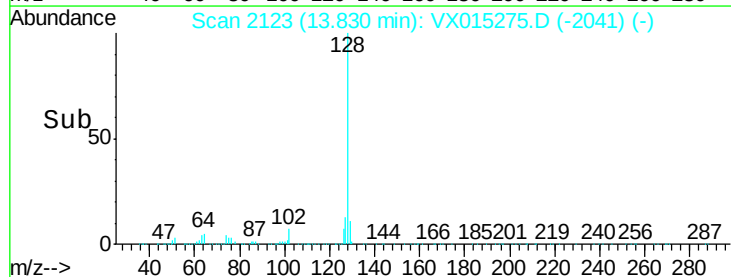
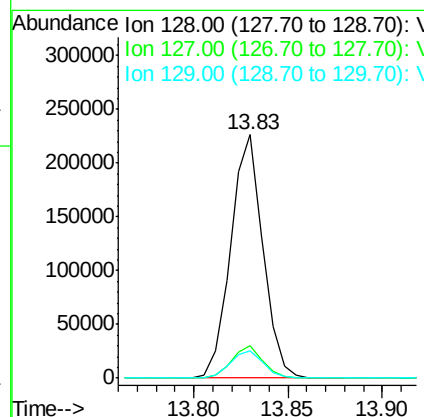
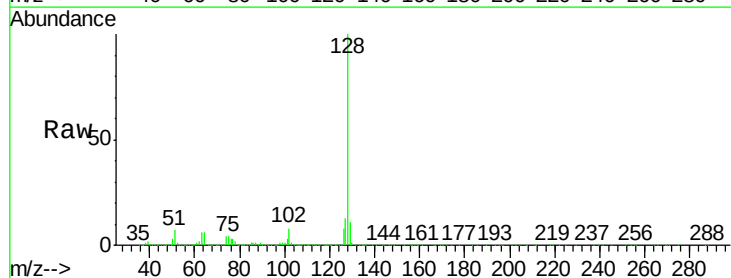
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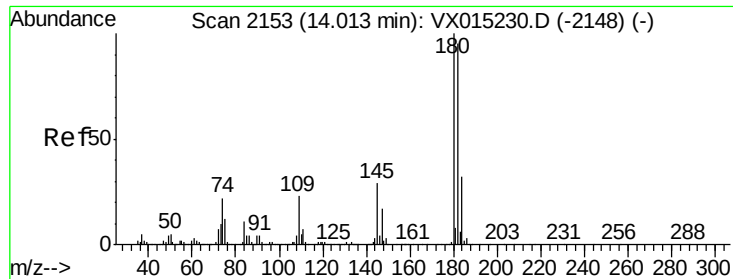
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#91
Naphthalene
Concen: 18.017 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015275.D
Acq: 13 Mar 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	268013		
127	12.9	10.8	16.2	
129	11.5	8.7	13.1	





#92
 1,2,3-Trichlorobenzene
 Concen: 17.728 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX015275.D
 Acq: 13 Mar 2020 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS02

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	0.0	192.0
145	29.5	0.0	60.0

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