

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015159.D
 Acq On : 10 Mar 2020 10:47
 Operator : JC/SP
 Sample : VX0310WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Manual Integrations
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 3/11/2020 3:21:22 PM

Quant Time: Mar 11 07:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	324746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	485934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	203748	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	5.48	113	165585	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	8.71	98	624163	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.13	95	224827	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	55247	19.428	ug/l	98
3) Chloromethane	1.32	50	73774	18.314	ug/l	98
4) Vinyl Chloride	1.40	62	78286	19.166	ug/l	99
5) Bromomethane	1.64	94	47845	19.053	ug/l	99
6) Chloroethane	1.72	64	46695	19.058	ug/l	98
7) Trichlorofluoromethane	1.92	101	93559	19.250	ug/l	99
8) Diethyl Ether	2.18	74	41392	18.803	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57750	18.886	ug/l	98
10) Methyl Iodide	2.50	142	57558	16.661	ug/l	97
11) Tert butyl alcohol	3.03	59	70192	105.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56049	17.761	ug/l	98
13) Acrolein	2.28	56	58819	93.635	ug/l	99
14) Allyl chloride	2.72	41	106569	19.367	ug/l	96
15) Acrylonitrile	3.13	53	171639	103.106	ug/l	99
16) Acetone	2.44	43	145987	93.565	ug/l	92
17) Carbon Disulfide	2.56	76	155696	17.765	ug/l	98
18) Methyl Acetate	2.76	43	79883	20.938	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	202880	20.573	ug/l	97
20) Methylene Chloride	2.84	84	70718	19.367	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	65009	19.292	ug/l	99
22) Diisopropyl ether	3.84	45	228781	20.868	ug/l	96
23) Vinyl Acetate	3.80	43	934072	103.651	ug/l	99
24) 1,1-Dichloroethane	3.69	63	119105	19.575	ug/l	98
25) 2-Butanone	4.66	43	231822	101.488	ug/l	98
26) 2,2-Dichloropropane	4.57	77	94896	19.646	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	73576	19.463	ug/l	98
28) Bromochloromethane	5.00	49	56465	20.380	ug/l	98
29) Tetrahydrofuran	5.12	42	146045	99.186	ug/l	99
30) Chloroform	5.20	83	118969	20.061	ug/l	99
31) Cyclohexane	5.57	56	106395	19.604	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	98897	20.117	ug/l	98
36) 1,1-Dichloropropene	5.79	75	87598	19.500	ug/l	99
37) Ethyl Acetate	4.82	43	91346	21.921	ug/l #	97
38) Carbon Tetrachloride	5.77	117	84419	19.909	ug/l	99

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Manual Integrations
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Quant Time: Mar 11 07:45:25 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	105790	20.168	ug/l	98
40) Benzene	6.13	78	268624	20.155	ug/l	98
41) Methacrylonitrile	5.03	41	51696	20.654	ug/l	97
42) 1,2-Dichloroethane	6.19	62	97116	21.218	ug/l	97
43) Isopropyl Acetate	6.43	43	150398	20.516	ug/l	99
44) Trichloroethene	7.20	130	74130	19.972	ug/l	98
45) 1,2-Dichloropropane	7.50	63	72898	21.131	ug/l	97
46) Dibromomethane	7.65	93	45650	20.308	ug/l	98
47) Bromodichloromethane	7.89	83	92268	20.757	ug/l	100
48) Methyl methacrylate	7.76	41	74476	19.961	ug/l	98
49) 1,4-Dioxane	7.74	88	33462	414.806	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	468614	108.118	ug/l	99
52) Toluene	8.78	92	169566	20.808	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	99359	21.000	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	110502	20.659	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69447	20.705	ug/l	100
56) Ethyl methacrylate	9.17	69	102025	21.325	ug/l	99
57) 1,3-Dichloropropane	9.37	76	119937	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	254668	97.710	ug/l	100
59) 2-Hexanone	9.48	43	346599	107.890	ug/l	99
60) Dibromochloromethane	9.57	129	72486	20.573	ug/l	99
61) 1,2-Dibromoethane	9.67	107	71214	20.214	ug/l	97
64) Tetrachloroethene	9.33	164	75226	20.293	ug/l	97
65) Chlorobenzene	10.13	112	182394	20.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67899	20.004	ug/l	99
67) Ethyl Benzene	10.25	91	315780	20.659	ug/l	99
68) m/p-Xylenes	10.36	106	242460	41.692	ug/l	99
69) o-Xylene	10.70	106	114347	20.537	ug/l	99
70) Styrene	10.71	104	197723	20.711	ug/l	100
71) Bromoform	10.85	173	51323	19.499	ug/l	99
73) Isopropylbenzene	11.01	105	312724	20.620	ug/l	100
74) N-amyl acetate	10.89	43	128994	20.182	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	102357	20.251	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	84449m	17.832	ug/l	
77) Bromobenzene	11.25	156	84100	19.898	ug/l	99
78) n-propylbenzene	11.35	91	358149	20.670	ug/l	100
79) 2-Chlorotoluene	11.42	91	212078	20.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	263735	20.890	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30420	18.230	ug/l	93
82) 4-Chlorotoluene	11.51	91	247977	20.285	ug/l	100
83) tert-Butylbenzene	11.76	119	246681	20.207	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	265473	20.931	ug/l	99
85) sec-Butylbenzene	11.94	105	307876	20.892	ug/l	99
86) p-Isopropyltoluene	12.06	119	286424	21.096	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	146839	19.762	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	151437	19.741	ug/l	98
89) n-Butylbenzene	12.39	91	248130	20.548	ug/l	100
90) Hexachloroethane	12.59	117	49650	19.343	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	146779	19.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20792	20.543	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

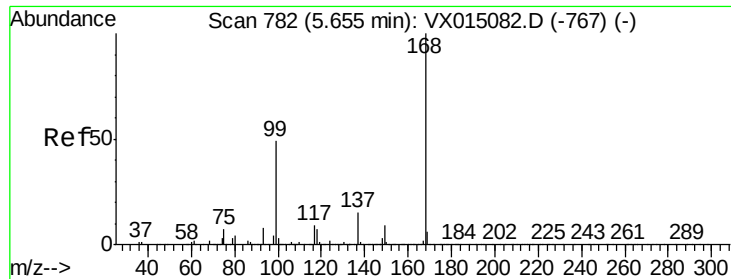
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	101318	19.759	ug/l	98
94) Hexachlorobutadiene	13.78	225	51370	19.523	ug/l	97
95) Naphthalene	13.83	128	287301	19.183	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	103653	20.260	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampled :

VX0310WBSD01

Tot Ion:168 Resp: 324746

Ion Ratio Lower Upper

168 100

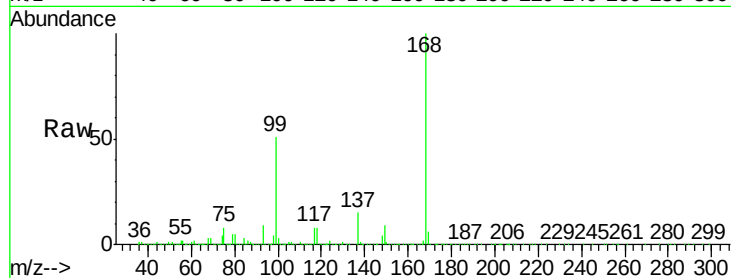
99 50.8 39.4 59.2

Manual Integrations

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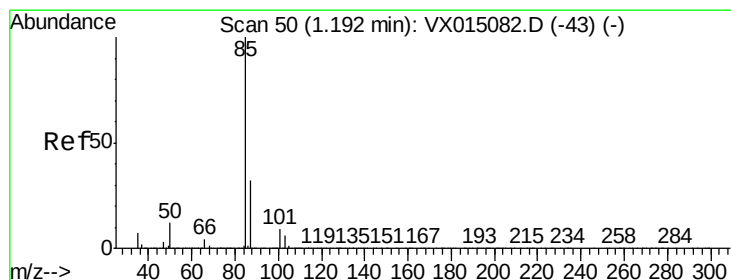
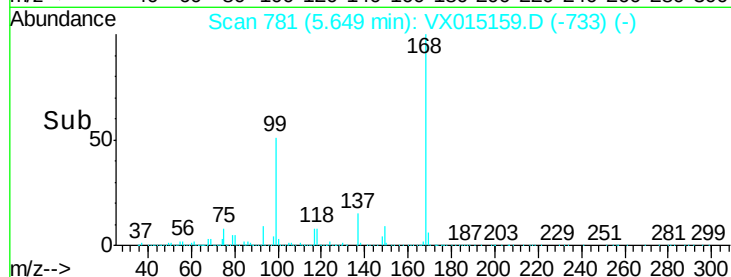
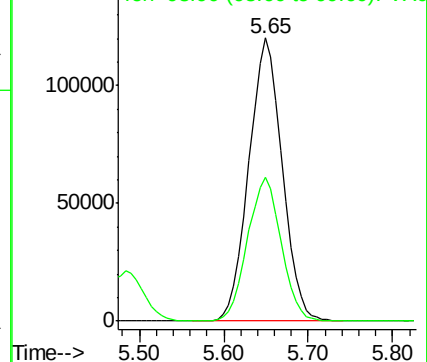
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.428 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015159.D

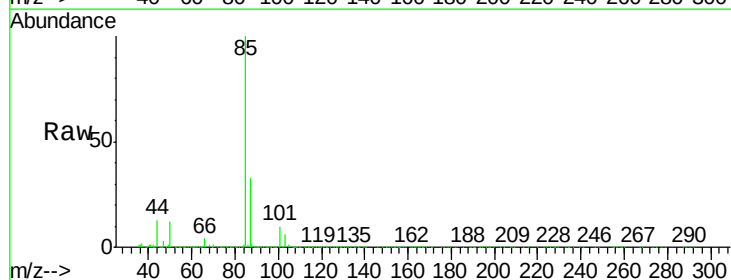
Acq: 10 Mar 2020 10:47

Tgt Ion: 85 Resp: 55247

Ion Ratio Lower Upper

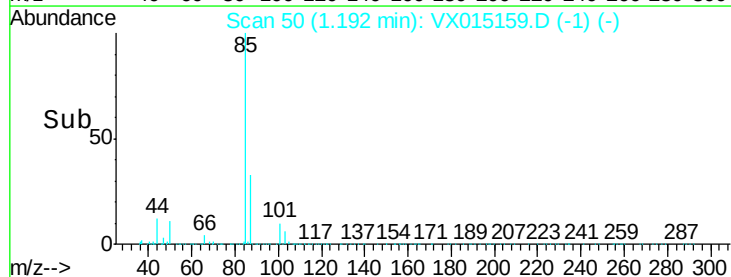
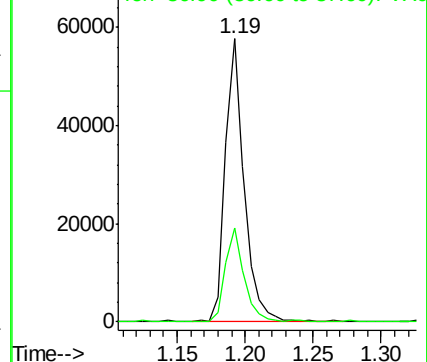
85 100

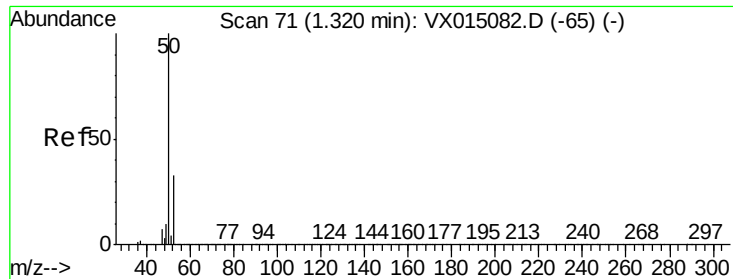
87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.314 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 50 Resp: 73774

Ion Ratio Lower Upper

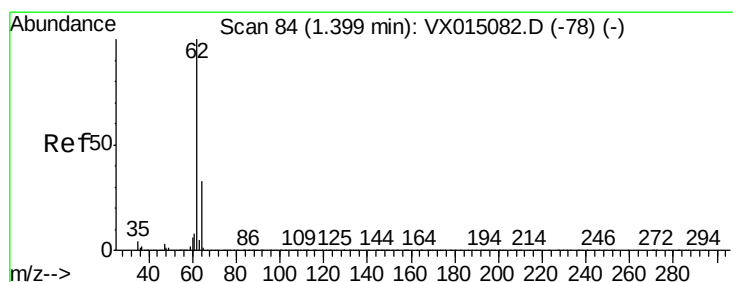
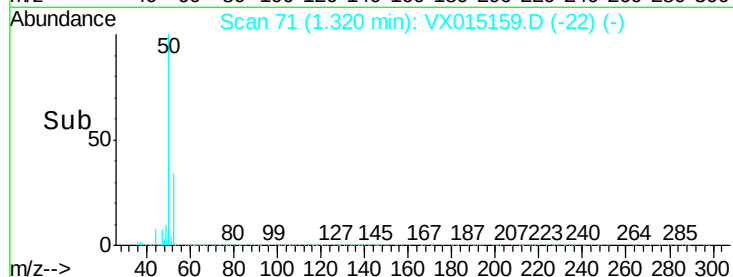
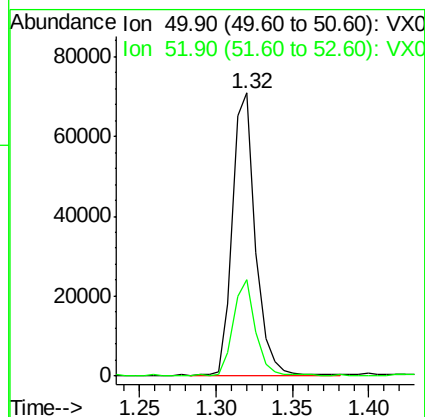
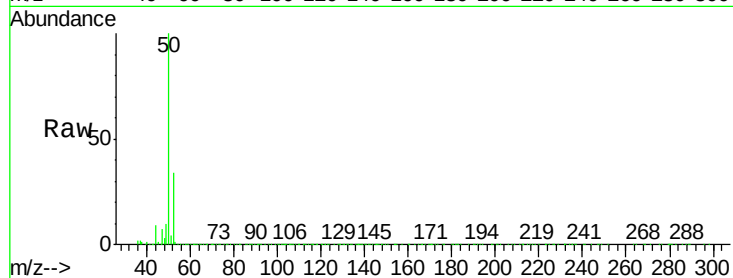
50 100

52 33.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 19.166 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015159.D

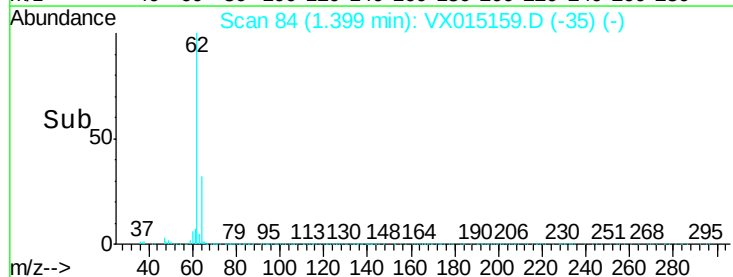
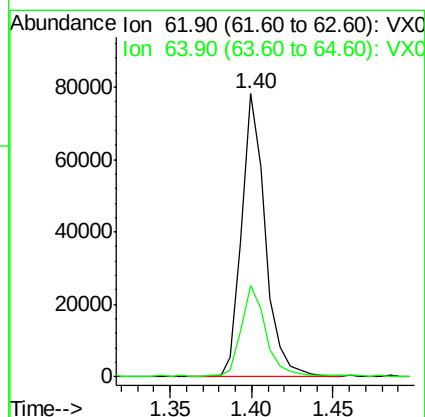
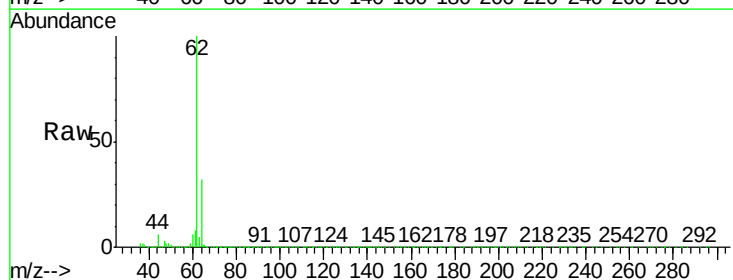
Acq: 10 Mar 2020 10:47

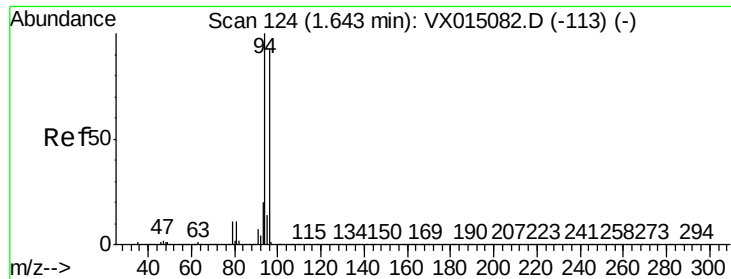
Tgt Ion: 62 Resp: 78286

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 19.053 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 94 Resp: 47845

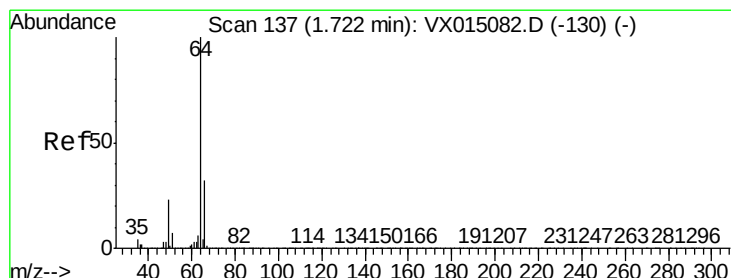
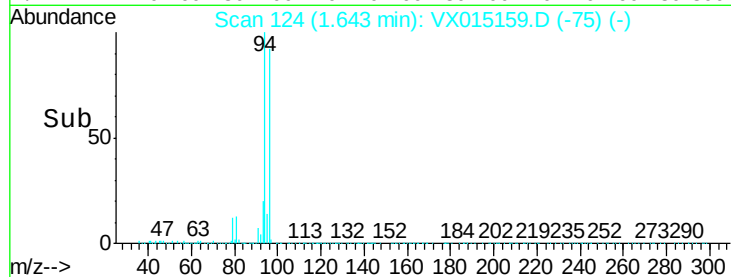
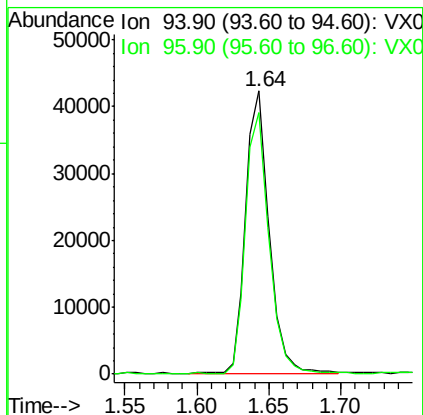
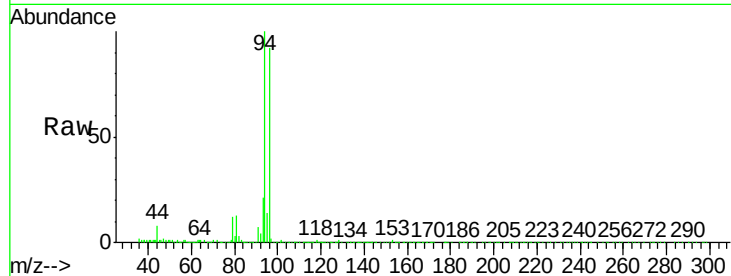
Ion Ratio Lower Upper

94 100

96 92.4 74.6 111.8

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#6

Chloroethane

Concen: 19.058 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015159.D

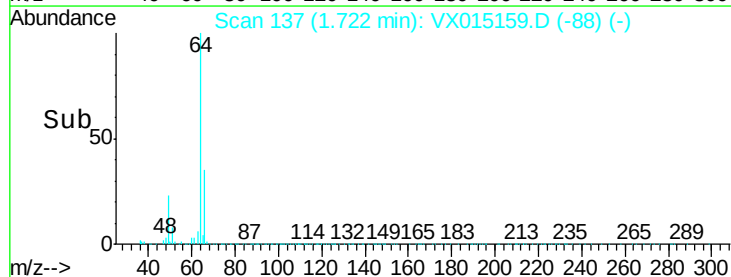
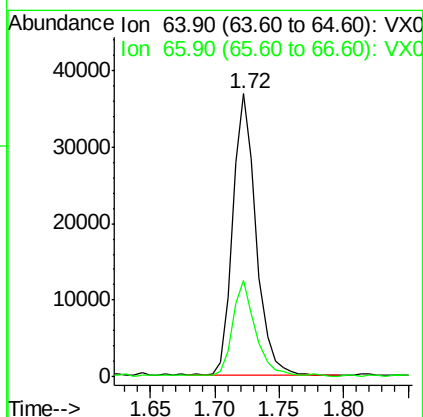
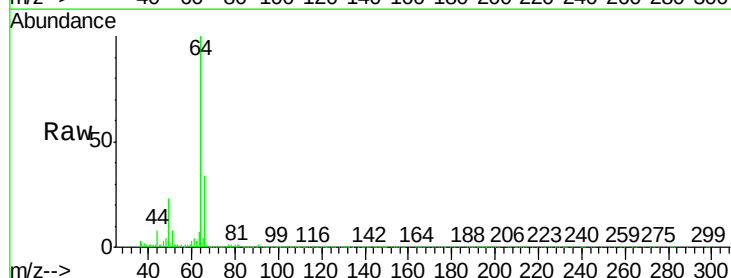
Acq: 10 Mar 2020 10:47

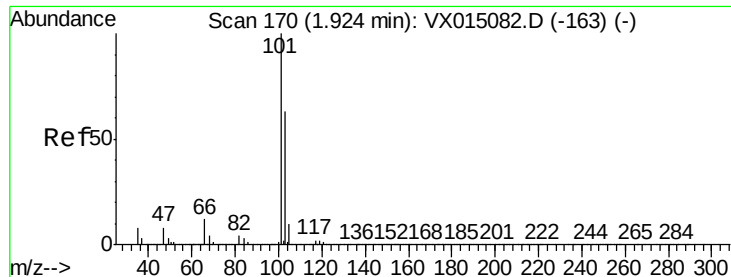
Tgt Ion: 64 Resp: 46695

Ion Ratio Lower Upper

64 100

66 33.7 25.8 38.8





#7

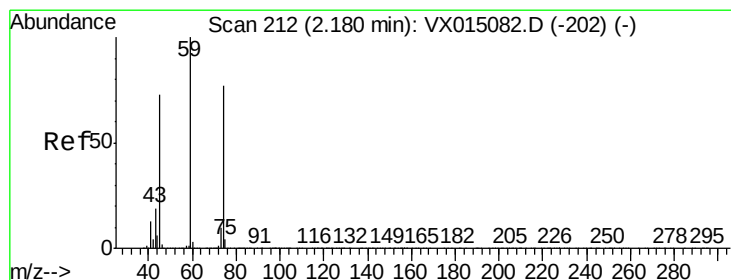
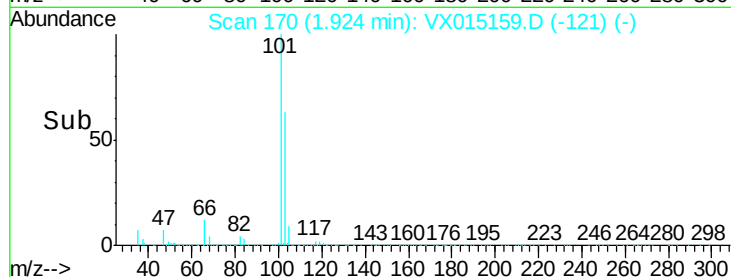
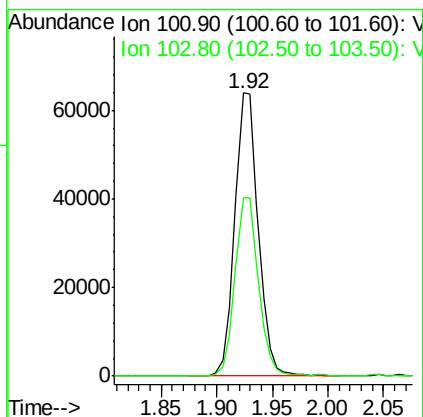
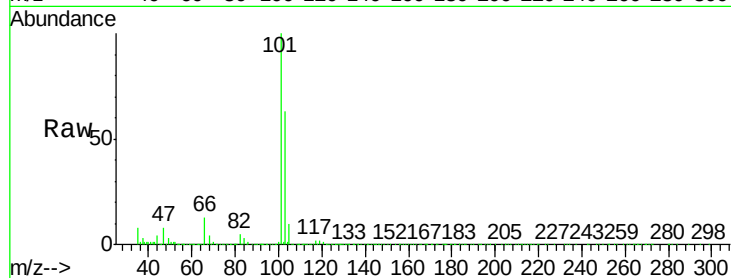
Trichlorofluoromethane
Concen: 19.250 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampled :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.4	75.6

Manual Integrations
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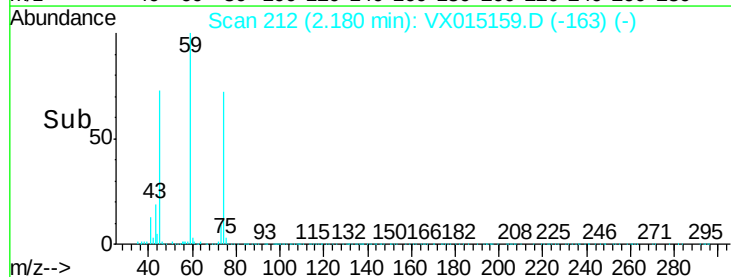
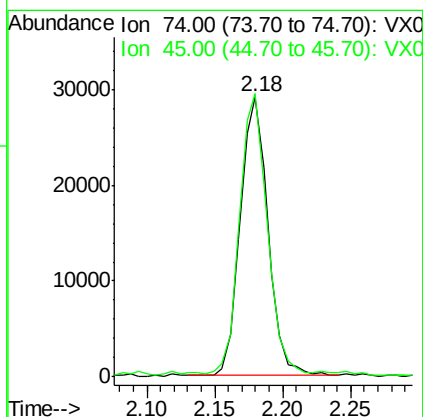
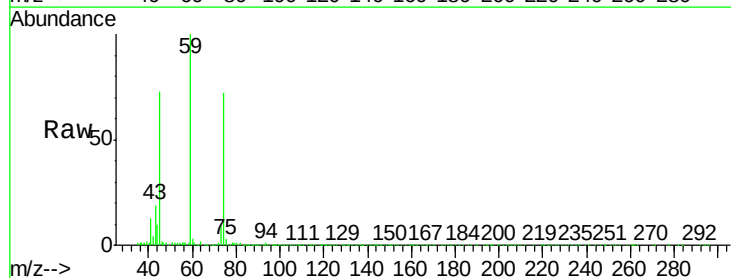
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3/11/2020 3:21:22 PM

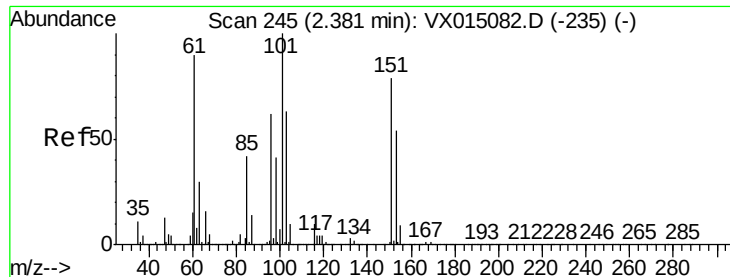


#8

Diethyl Ether
Concen: 18.803 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.886 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

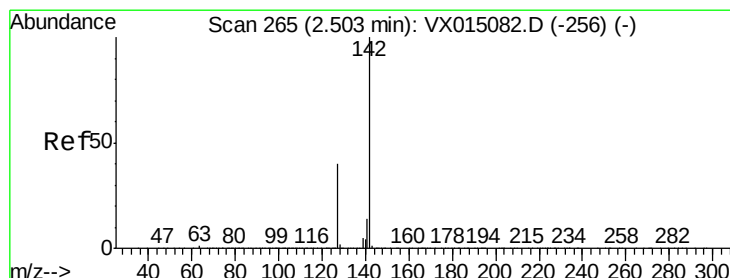
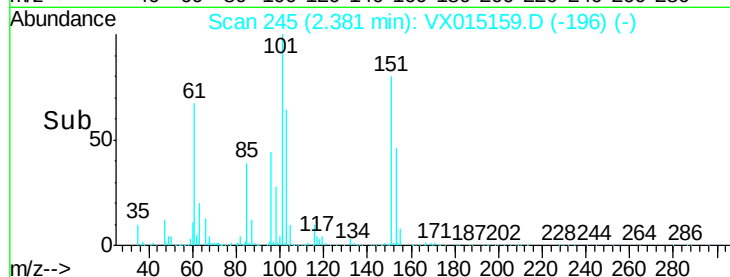
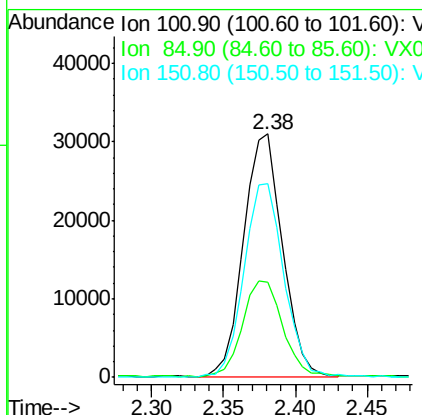
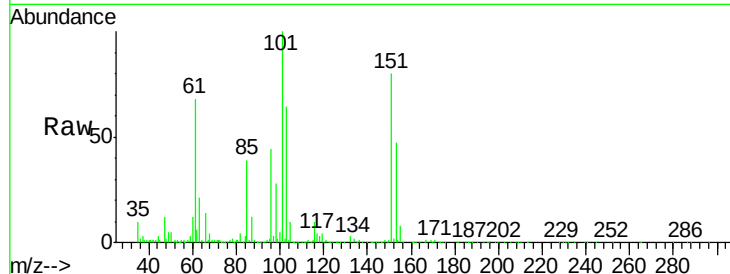
ClientSampleId :

VX0310WBSD01

Tot Ion:	101	Resp:	57750
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	82.8	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.661 ug/l

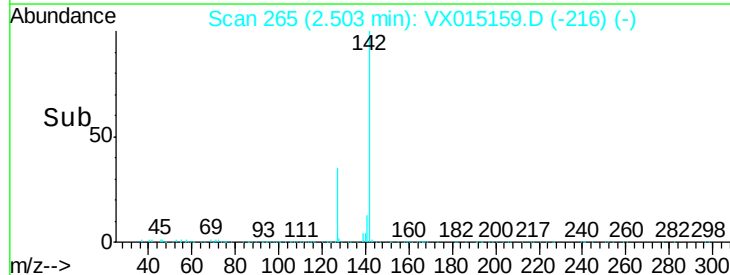
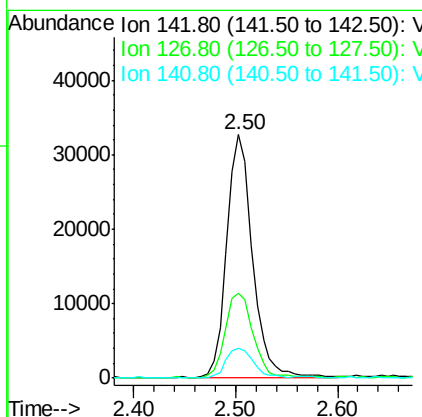
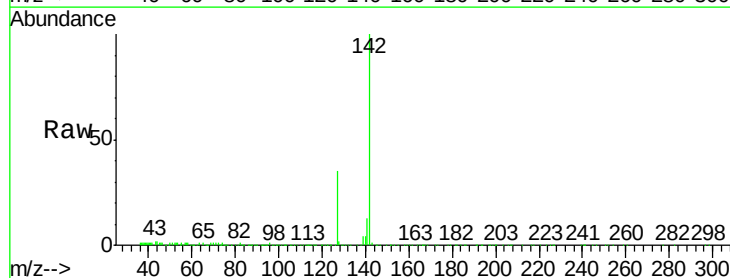
RT: 2.50 min Scan# 265

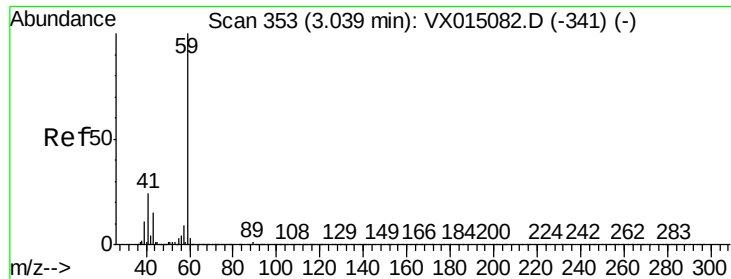
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	142	Resp:	57558
Ion Ratio	Lower	Upper	
142	100		
127	36.9	31.7	47.5
141	14.1	11.3	16.9





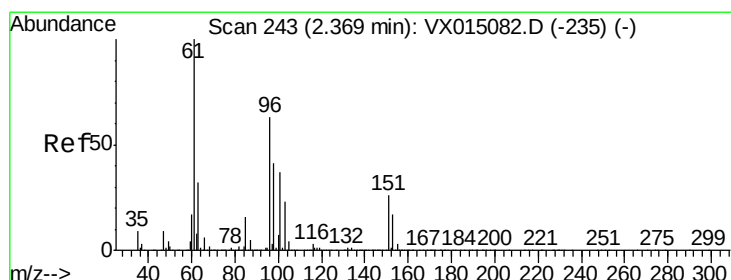
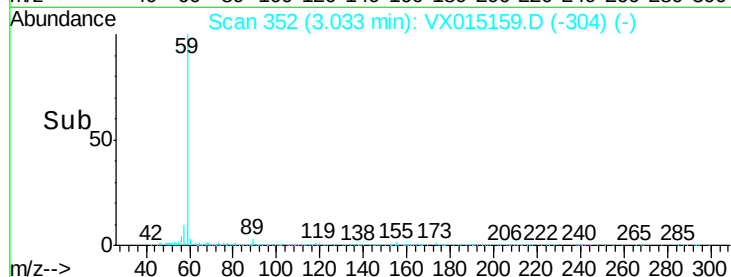
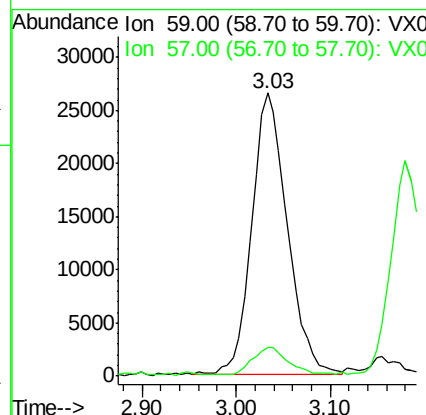
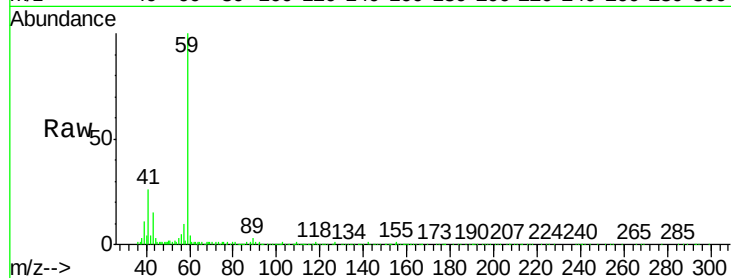
#11
Tert butyl alcohol
Concen: 105.009 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion: 59 Resp: 70192
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

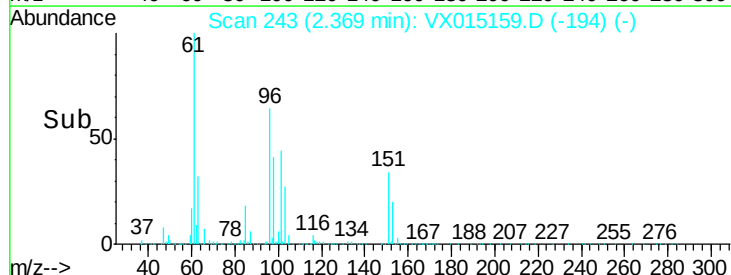
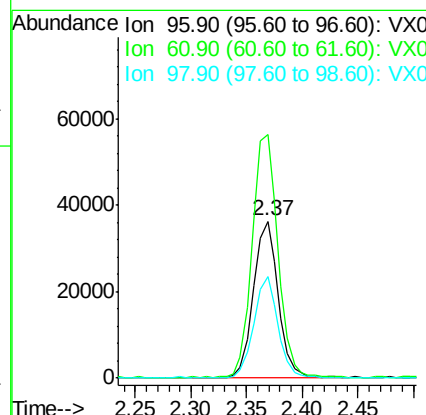
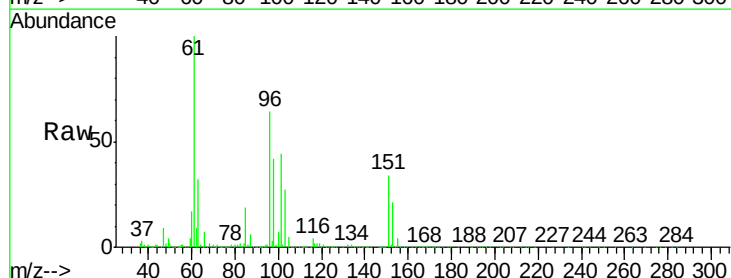
Manual Integrations
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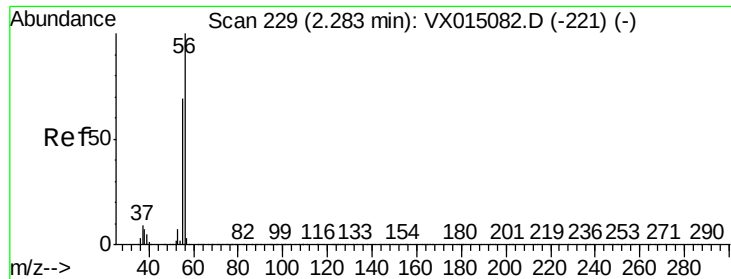
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#12
1,1-Dichloroethene
Concen: 17.761 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 96 Resp: 56049
Ion Ratio Lower Upper
96 100
61 155.0 126.2 189.4
98 64.4 51.4 77.0





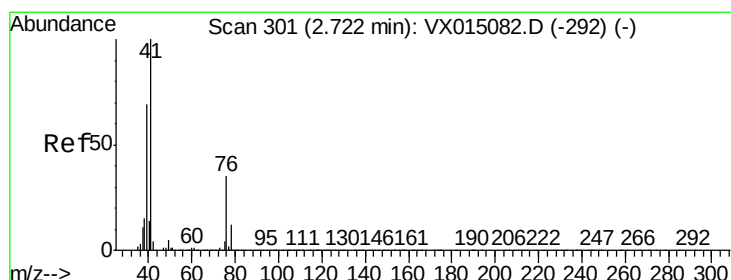
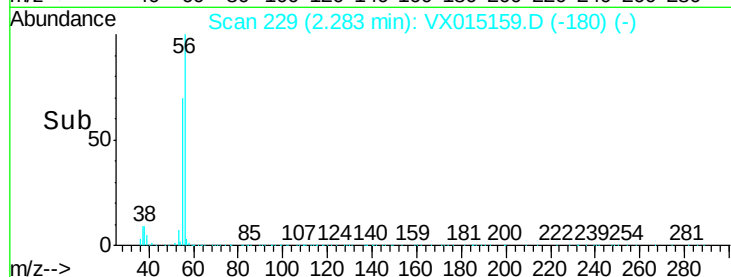
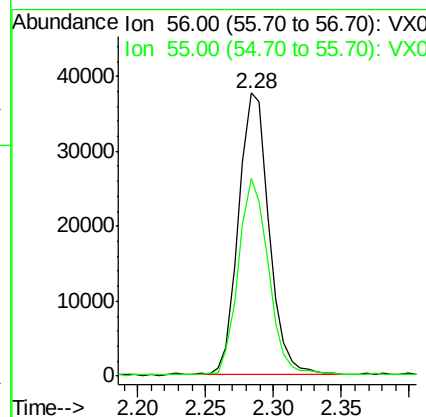
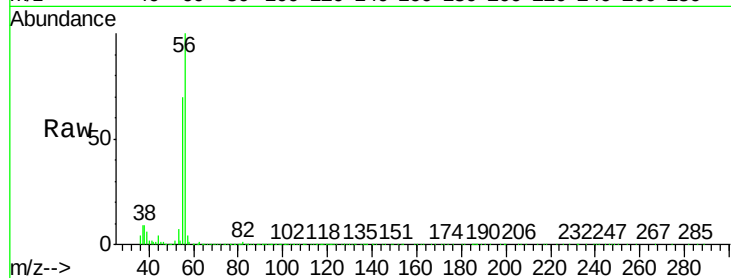
#13
Acrolein
Concen: 93.635 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	68.6	55.4	83.0

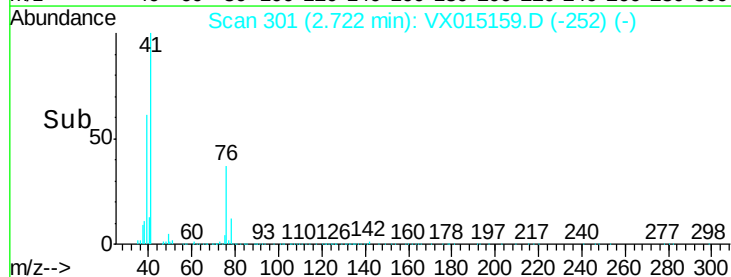
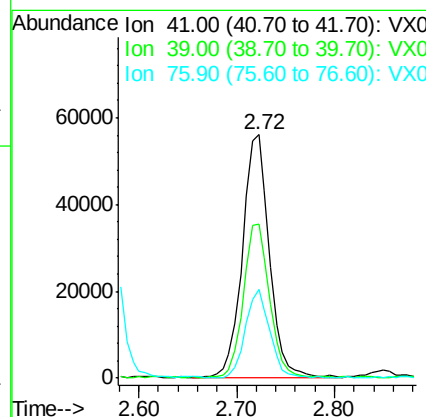
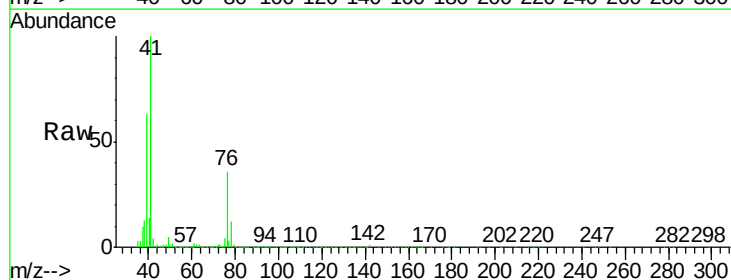
Manual Integrations
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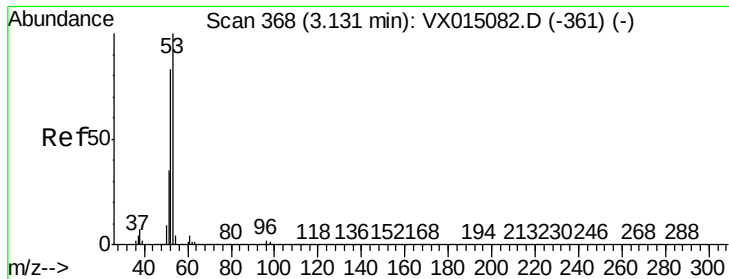
MMDadoda
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#14
Allyl chloride
Concen: 19.367 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	61.9	52.9	79.3
76	76	32.7	26.8	40.2





#15

Acrylonitrile

Concen: 103.106 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

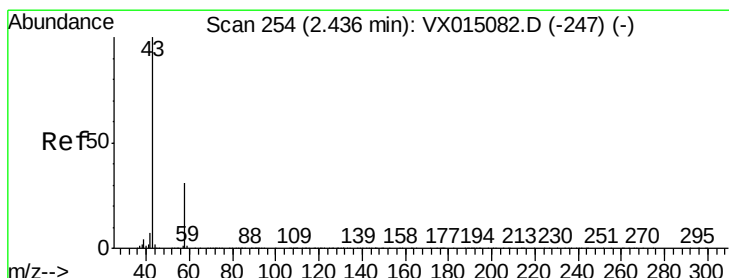
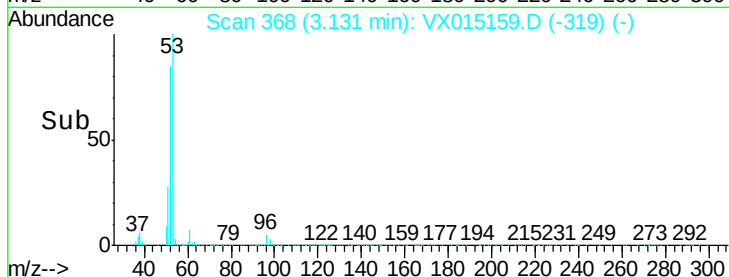
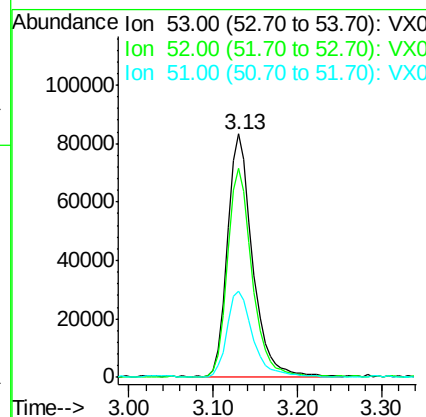
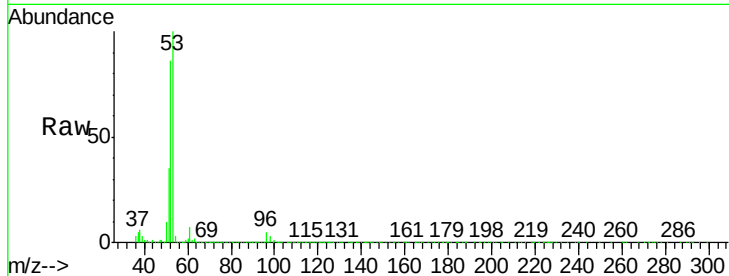
ClientSampleId :

VX0310WBSD01

Tot Ion:	53	Resp:	171639
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	100.0
51	35.8	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 93.565 ug/l

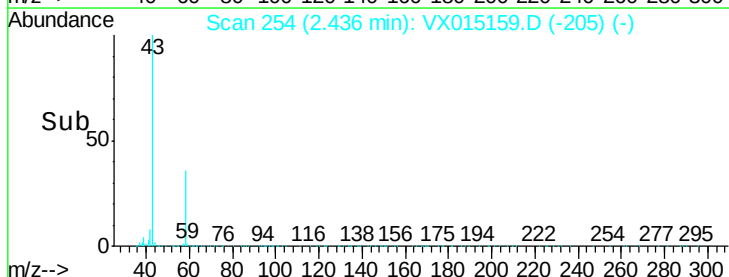
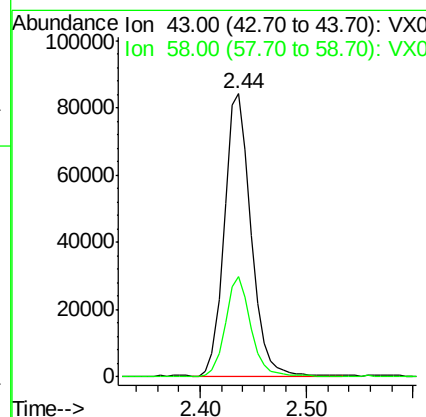
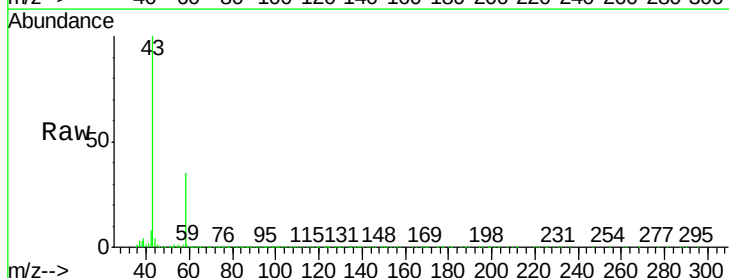
RT: 2.44 min Scan# 254

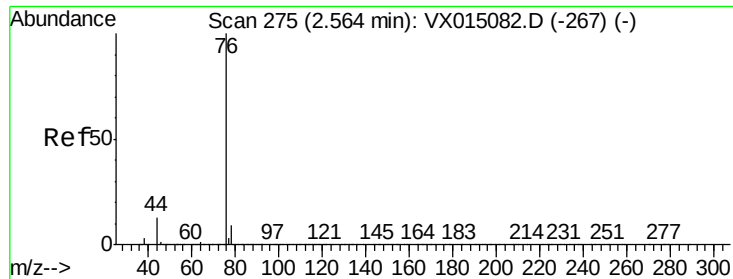
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	43	Resp:	145987
Ion	Ratio	Lower	Upper
43	100		
58	35.4	24.8	37.2





#17

Carbon Disulfide

Concen: 17.765 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 76 Resp: 155696

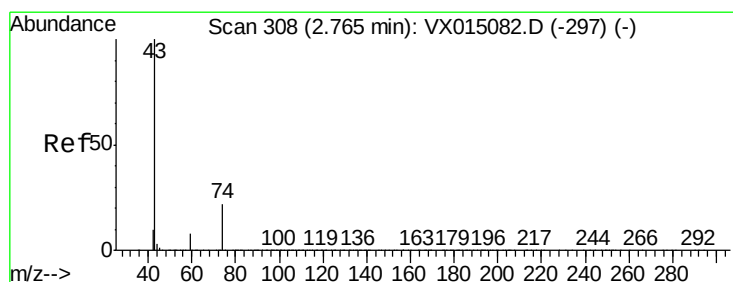
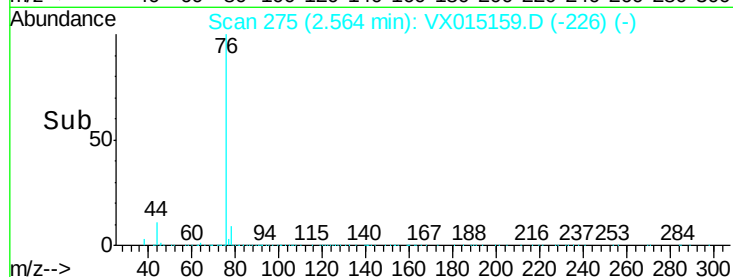
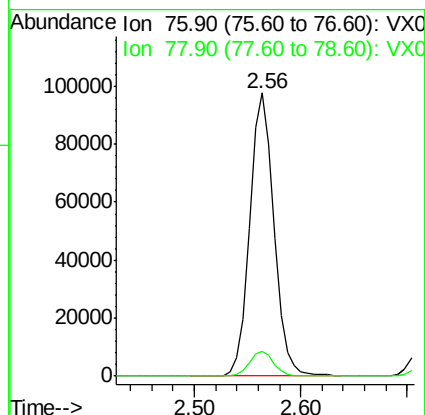
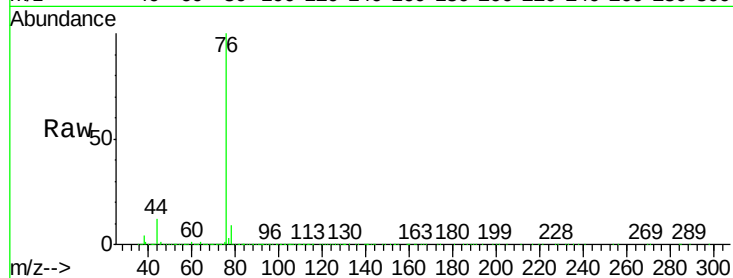
Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

Manual Integrations
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#18

Methyl Acetate

Concen: 20.938 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015159.D

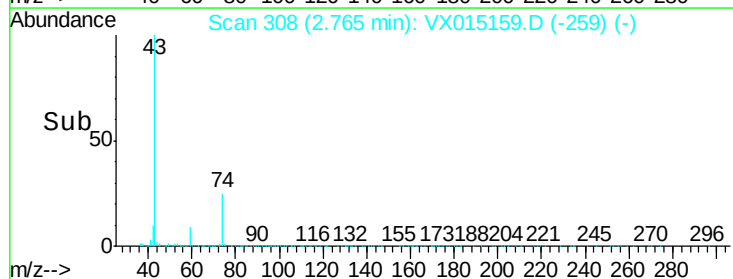
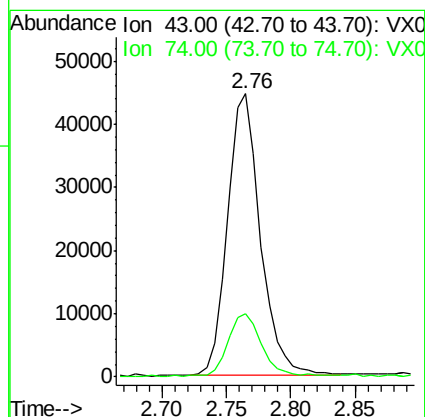
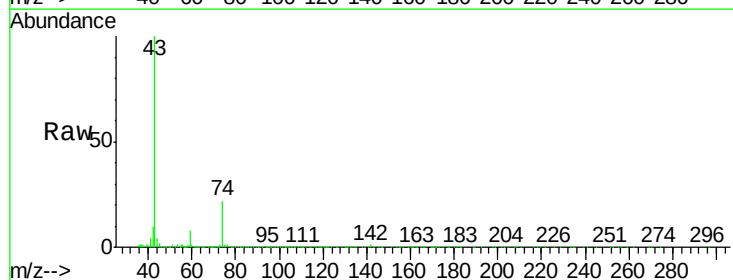
Acq: 10 Mar 2020 10:47

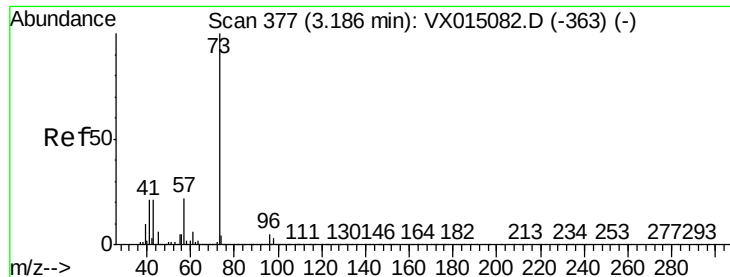
Tgt Ion: 43 Resp: 79883

Ion Ratio Lower Upper

43 100

74 22.5 18.8 28.2





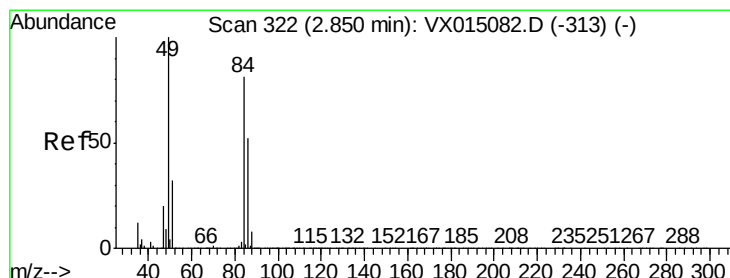
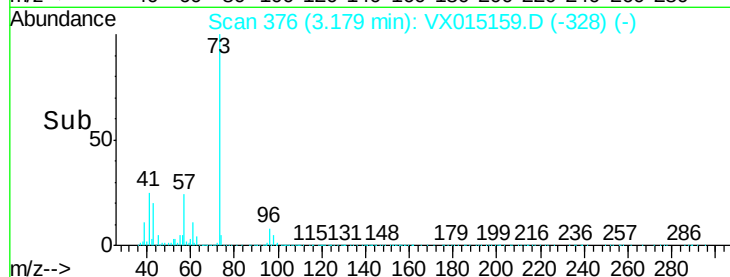
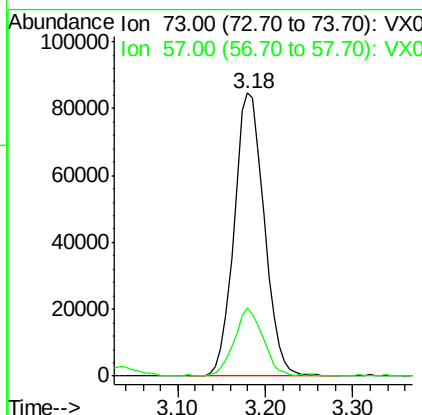
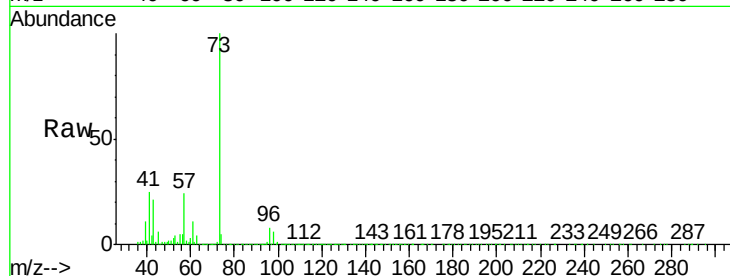
#19
Methyl tert-butyl Ether
Concen: 20.573 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.8	26.6

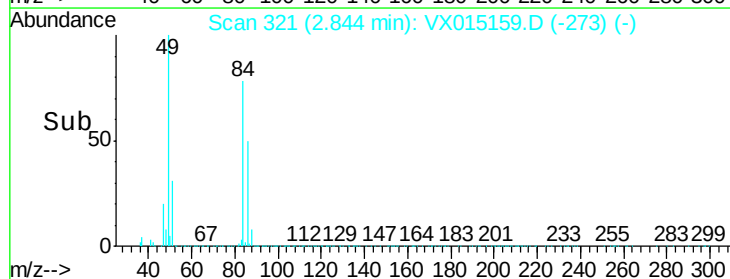
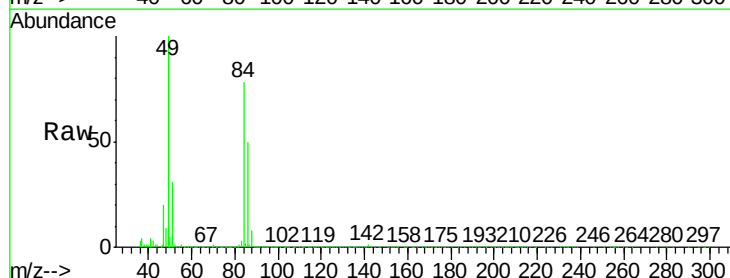
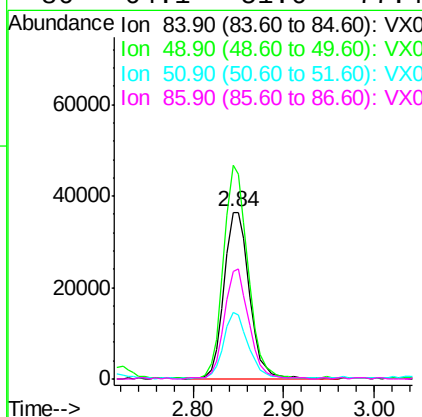
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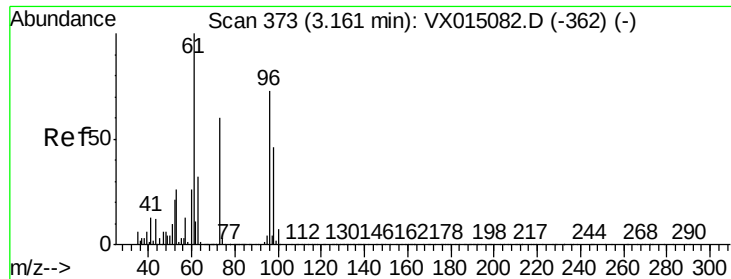
MMDadoda
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#20
Methylene Chloride
Concen: 19.367 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.0	99.4	149.2
51	40.2	31.5	47.3
86	64.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.292 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

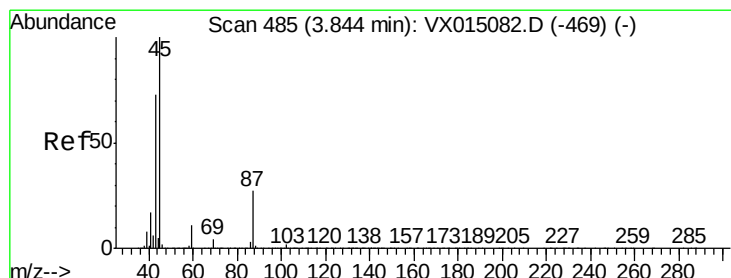
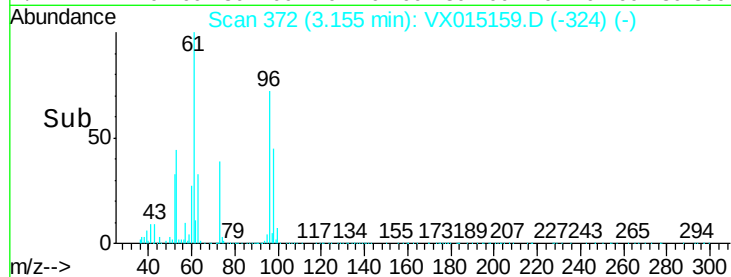
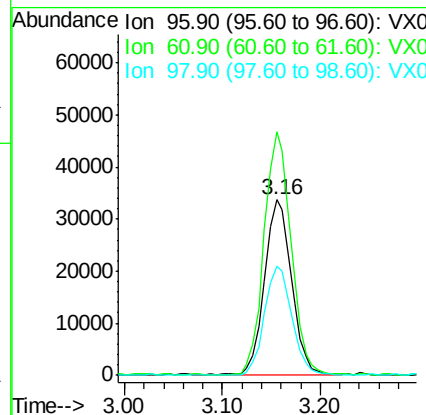
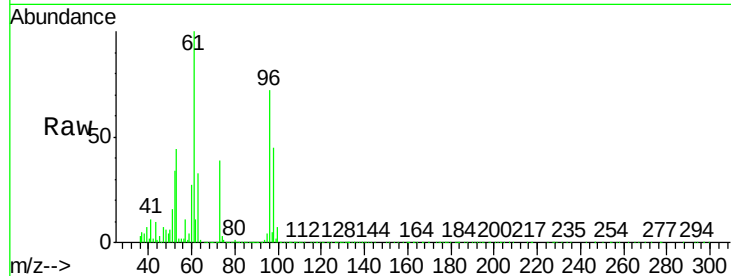
ClientSampleId :

VX0310WBSD01

Tot Ion:	96	Resp:	65009
Ion Ratio	Lower	Upper	
96	100		
61	138.4	109.9	164.9
98	62.1	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.868 ug/l

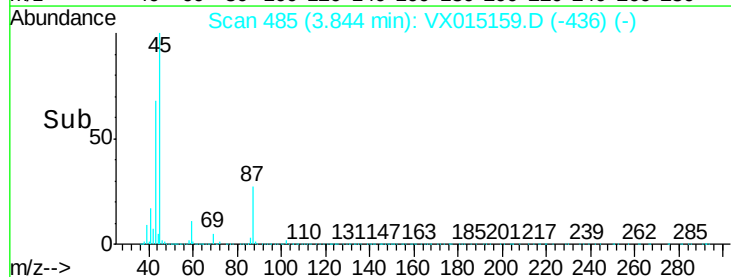
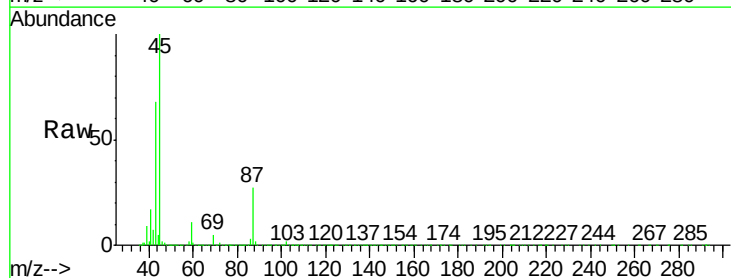
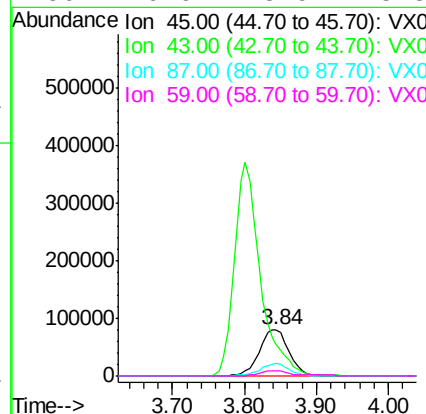
RT: 3.84 min Scan# 485

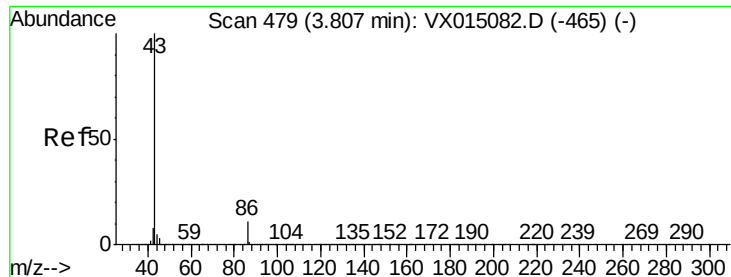
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	45	Resp:	228781
Ion Ratio	Lower	Upper	
45	100		
43	68.3	58.2	87.2
87	27.1	21.2	31.8
59	10.9	8.9	13.3





#23

Vinyl Acetate

Concen: 103.651 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 43 Resp: 934072

Ion Ratio Lower Upper

43 100

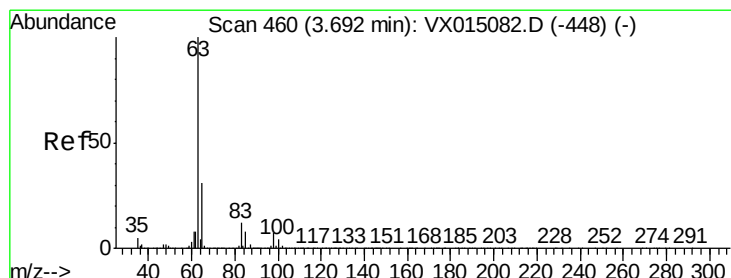
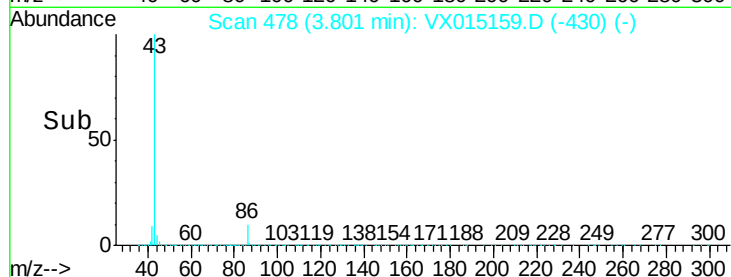
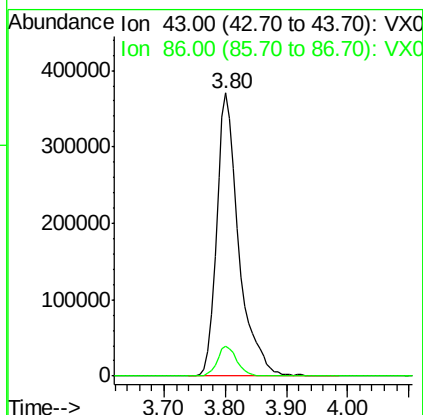
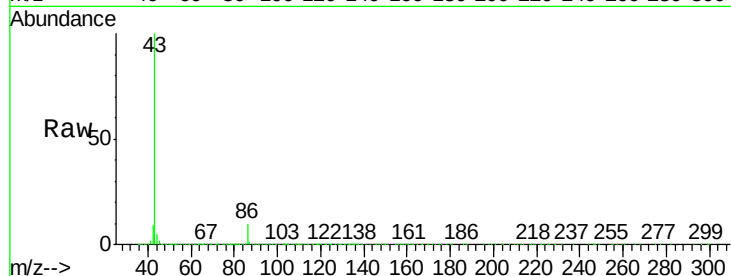
86 10.4 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.575 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

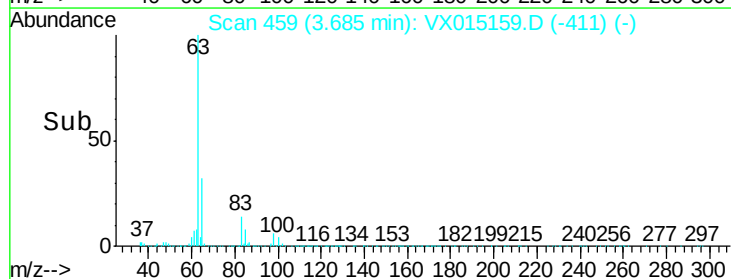
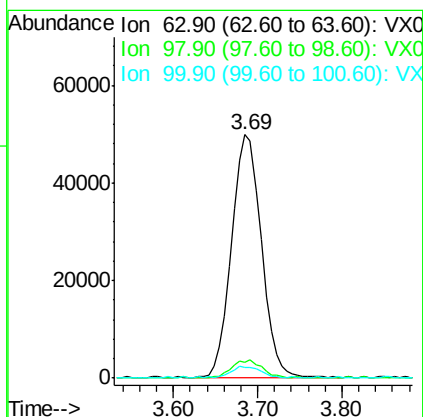
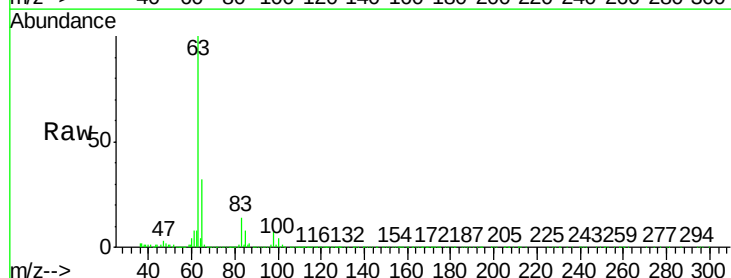
Tgt Ion: 63 Resp: 119105

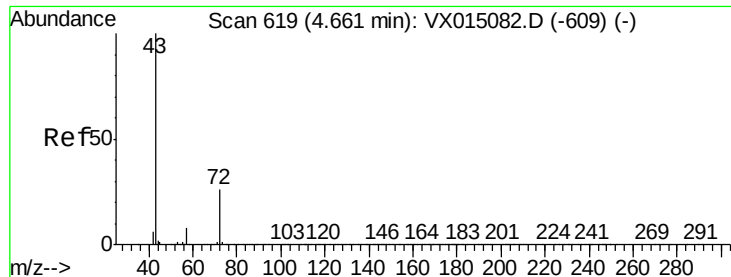
Ion Ratio Lower Upper

63 100

98 6.4 3.7 11.1

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 101.488 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 43 Resp: 231822

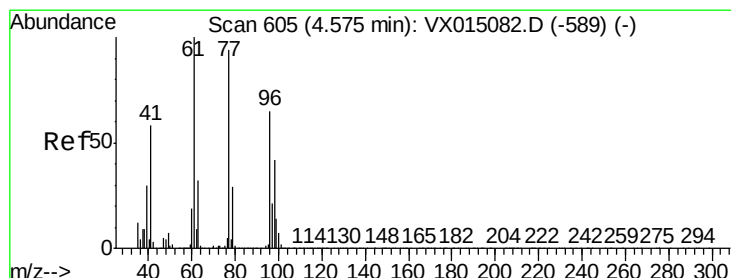
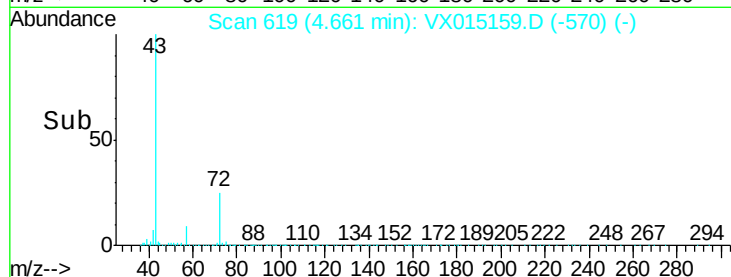
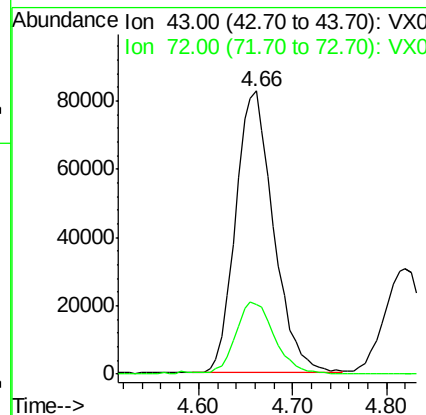
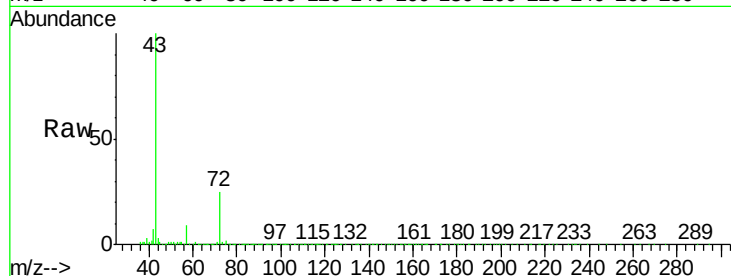
Ion Ratio Lower Upper

43 100

72 24.6 20.6 30.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.646 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015159.D

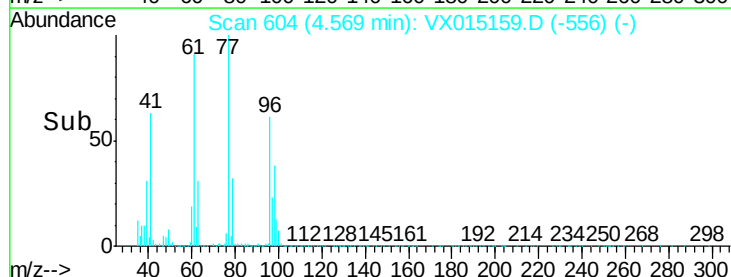
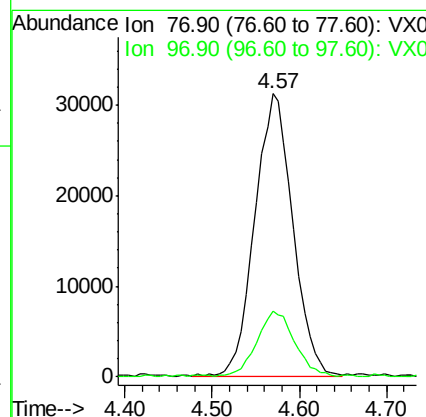
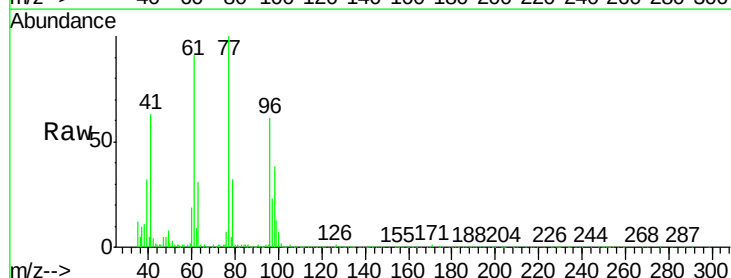
Acq: 10 Mar 2020 10:47

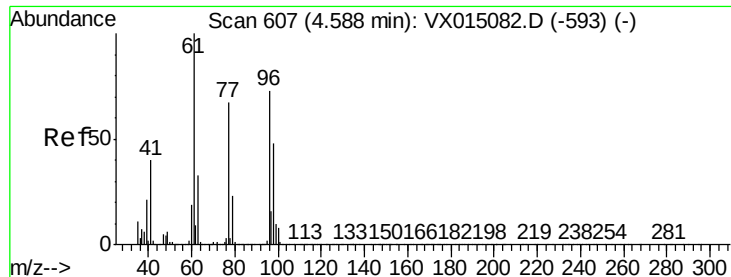
Tgt Ion: 77 Resp: 94896

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4





#27

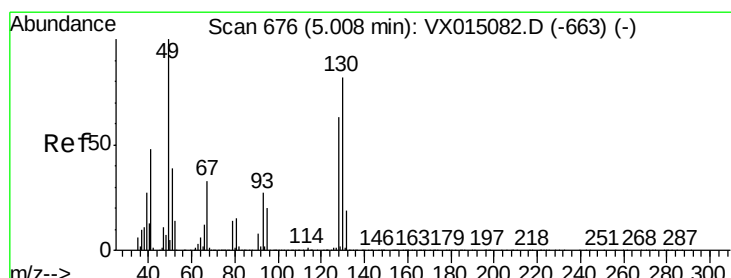
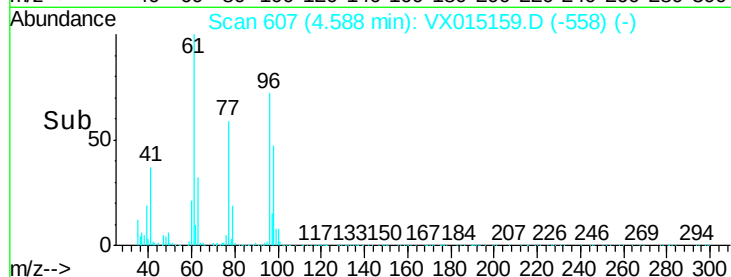
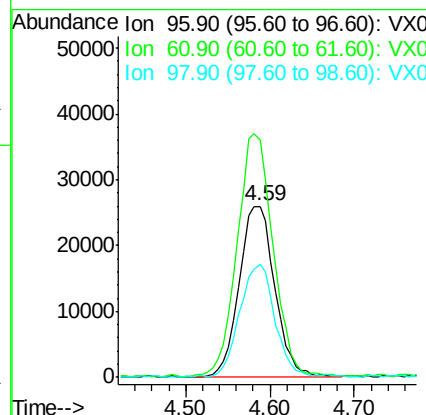
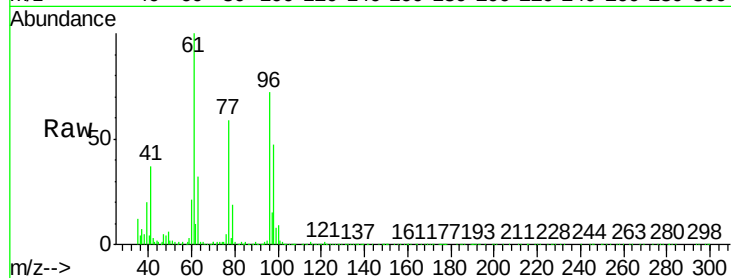
cis-1,2-Dichloroethene
Concen: 19.463 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	286.8
98	66.3	0.0	128.4

Manual Integrations
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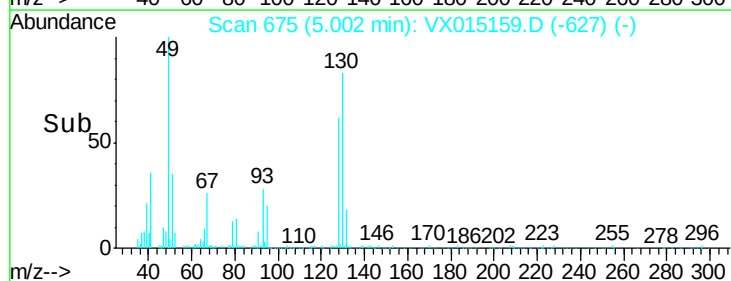
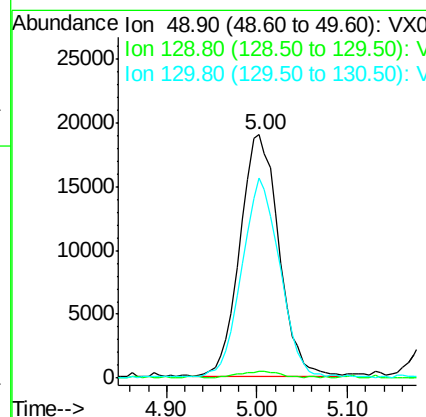
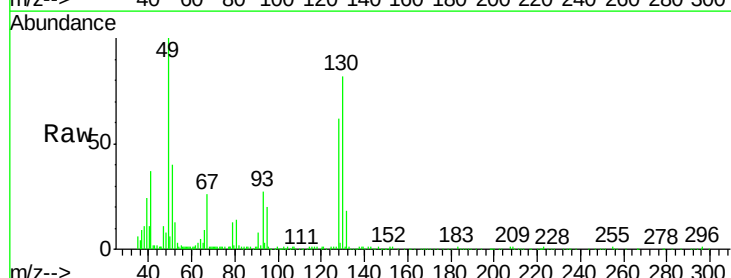
MMDadoda
3/11/2020 3:21:22 PM

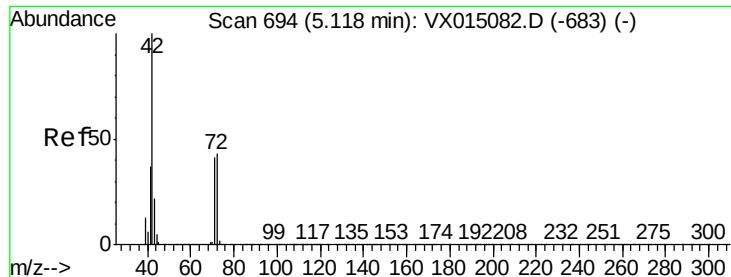


#28

Bromochloromethane
Concen: 20.380 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	79.8	65.0	97.6





#29

Tetrahydrofuran

Concen: 99.186 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

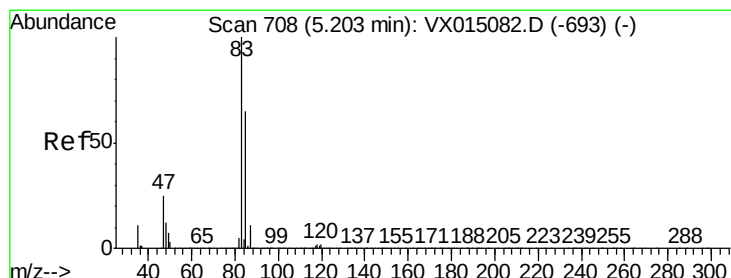
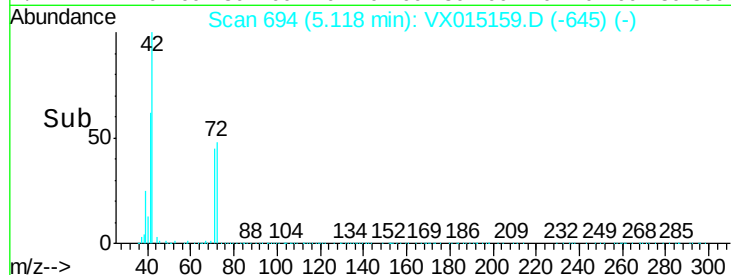
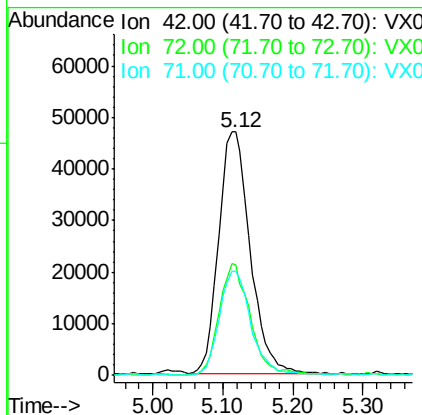
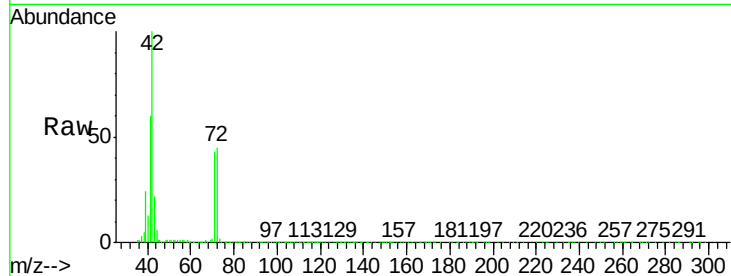
ClientSampleId :

VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.4	54.6
71	43.1	33.3	49.9

Manual Integrations
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#30

Chloroform

Concen: 20.061 ug/l

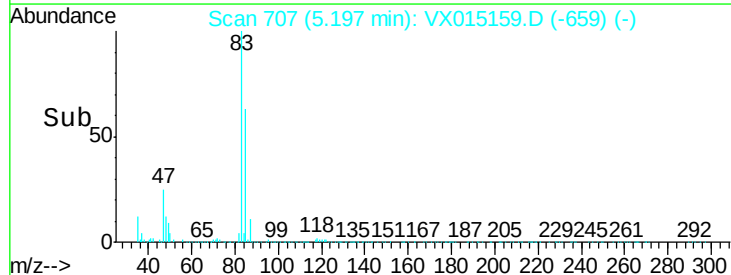
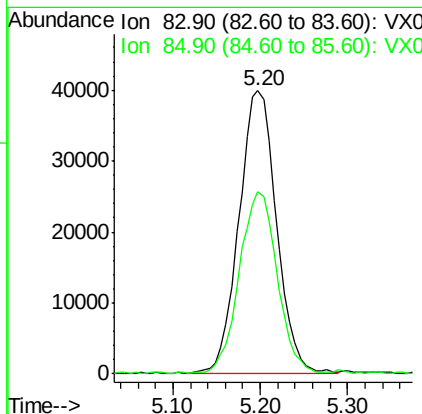
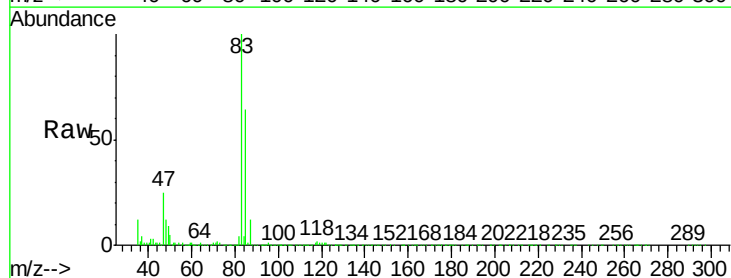
RT: 5.20 min Scan# 707

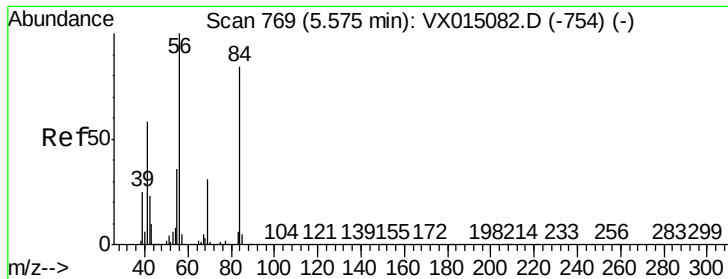
Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0





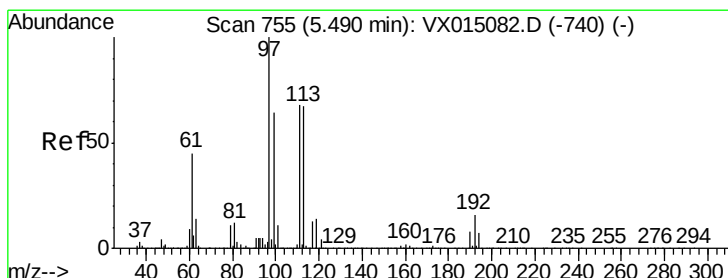
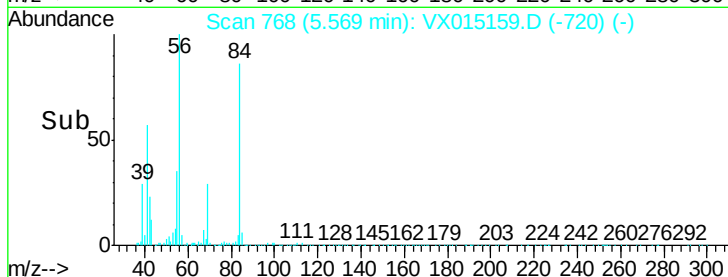
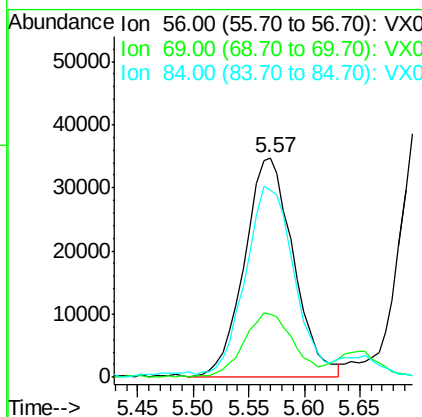
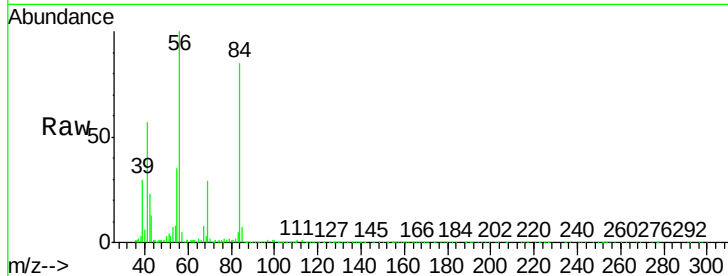
#31
Cyclohexane
Concen: 19.604 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	25.0	37.6
84	83.4	67.6	101.4

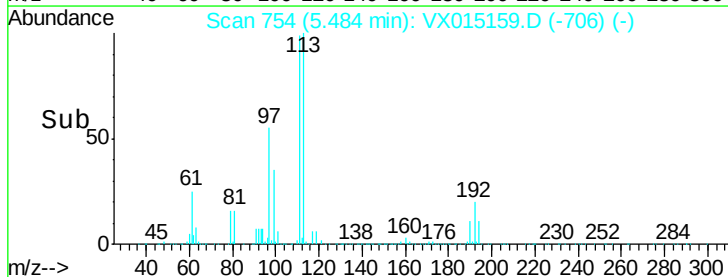
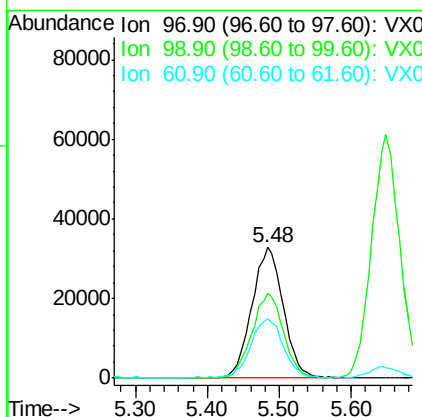
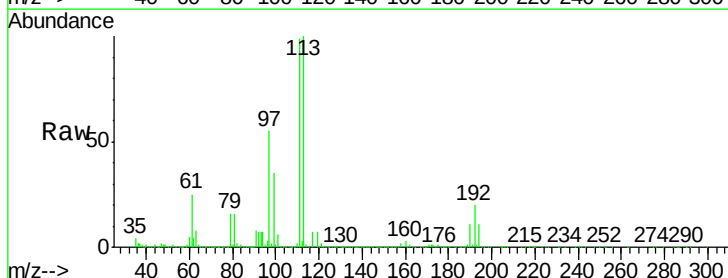
Manual Integrations
APPROVED

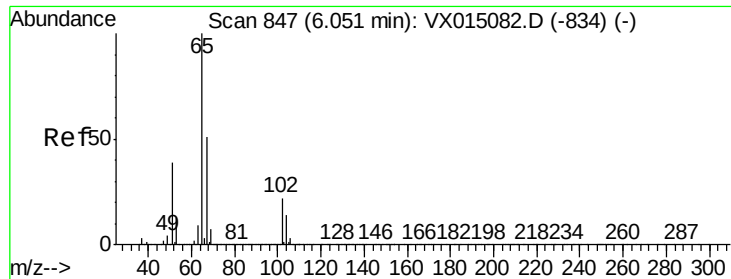
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#32
1,1,1-Trichloroethane
Concen: 20.117 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.8	79.2
61	47.1	36.6	54.8





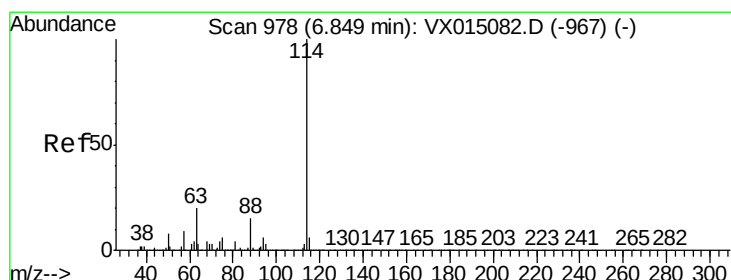
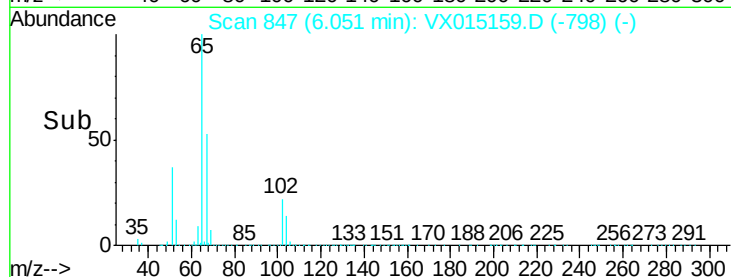
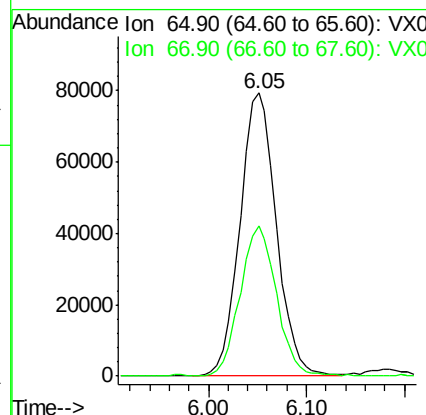
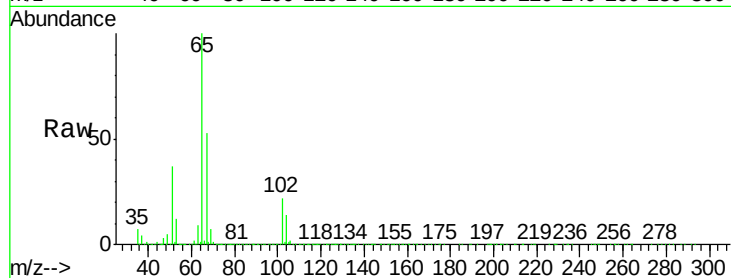
#33
 1,2-Dichloroethane-d4
 Concen: 52.884 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203748		
67	52.6	0.0	105.6	

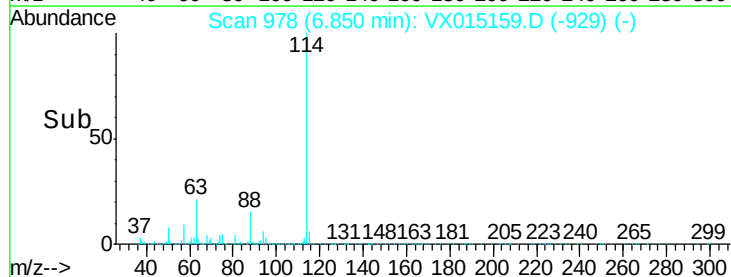
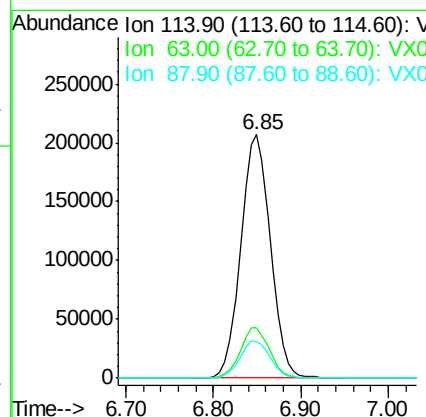
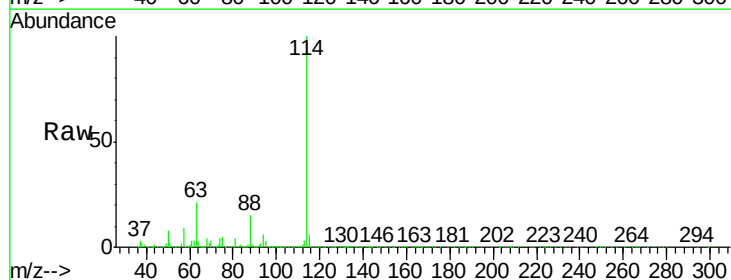
Manual Integrations
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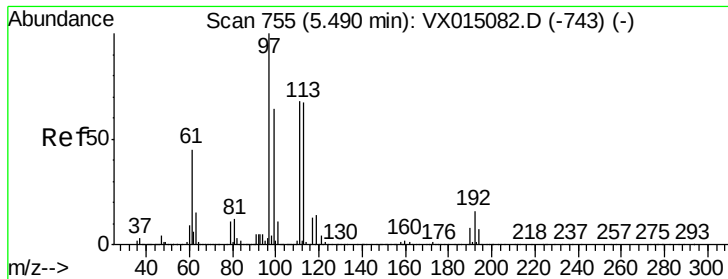
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 3/11/2020 3:21:22 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	485934		
63	20.7	0.0	40.0	
88	15.0	0.0	30.6	





#35

Dibromofluoromethane

Concen: 54.014 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

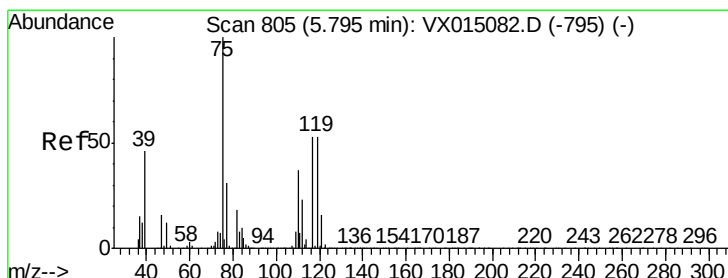
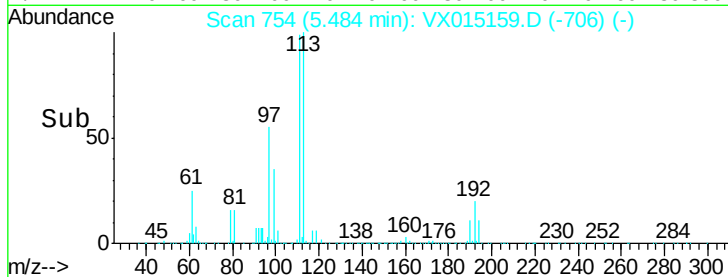
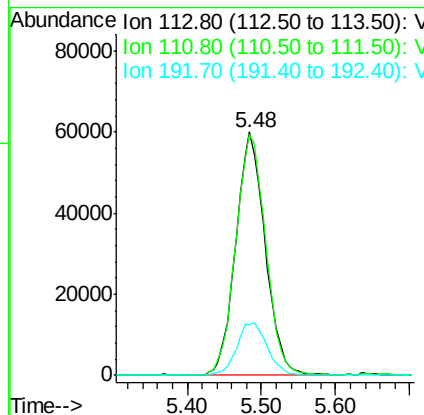
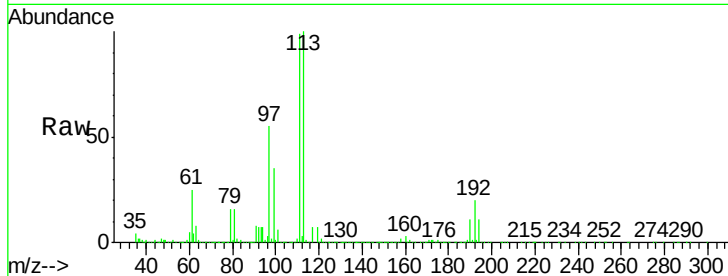
ClientSampleId :

VX0310WBSD01

Tot Ion:	113	Resp:	165585
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.6	123.8
192	22.9	18.6	28.0

Manual Integrations
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3/11/2020 3:21:22 PM



#36

1,1-Dichloropropene

Concen: 19.500 ug/l

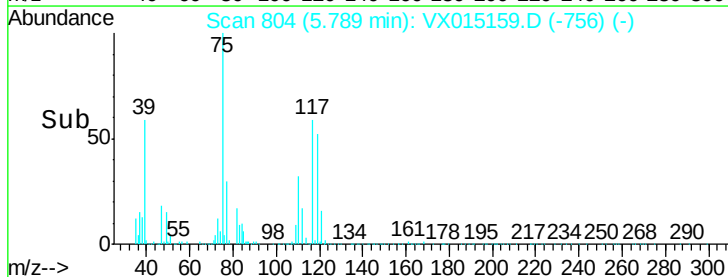
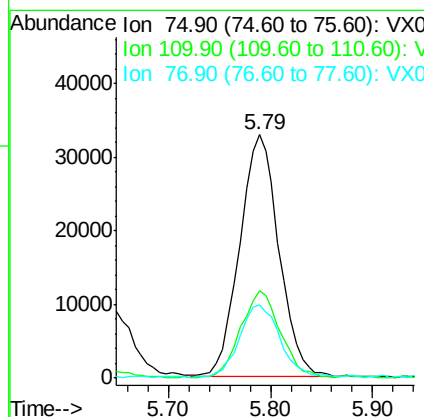
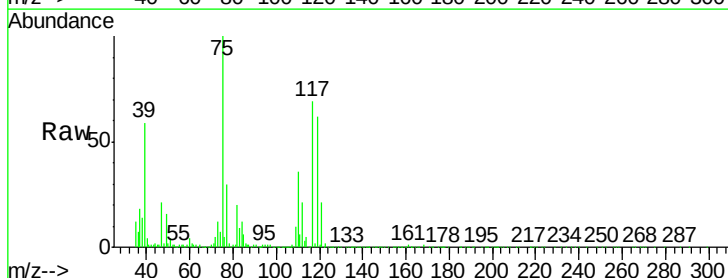
RT: 5.79 min Scan# 804

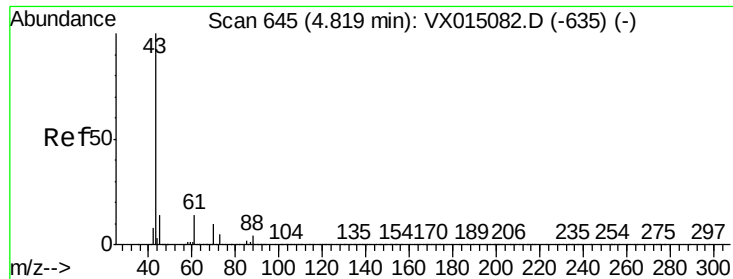
Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	75	Resp:	87598
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.9	53.8
77	30.9	24.8	37.2





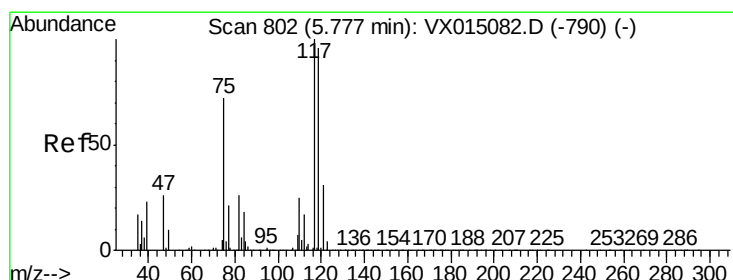
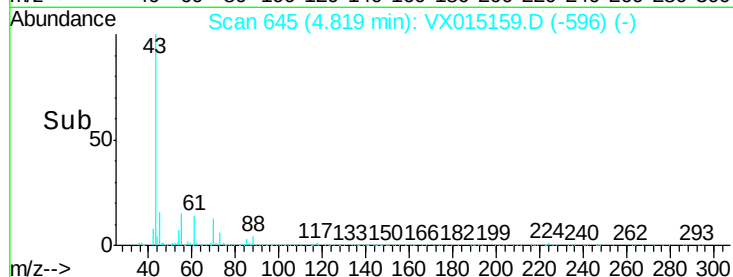
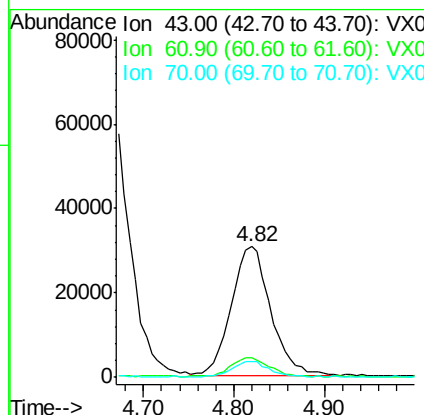
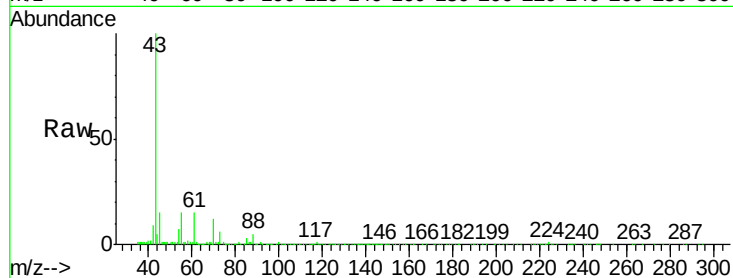
#37
Ethyl Acetate
Concen: 21.921 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	12.2	8.1	12.1

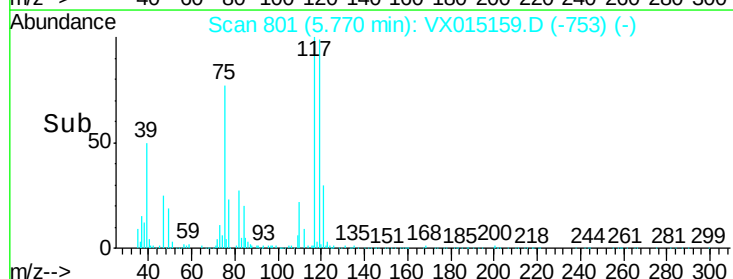
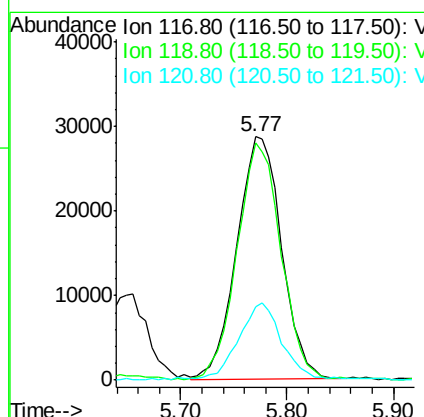
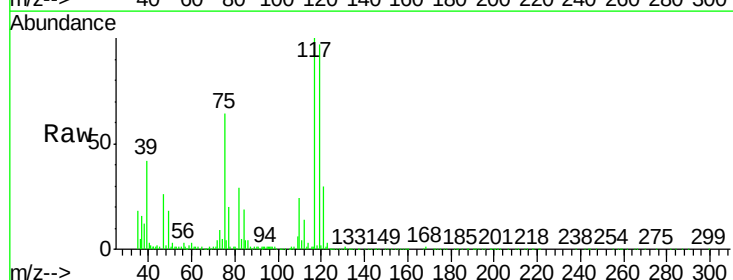
Manual Integrations
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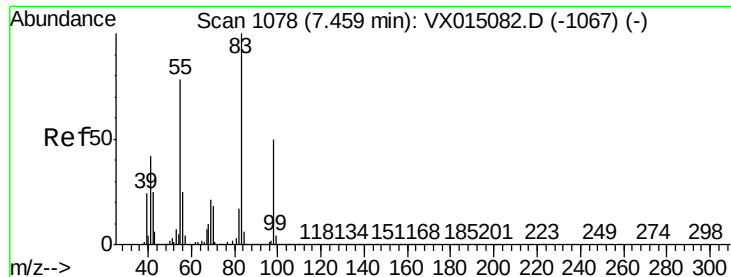
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#38
Carbon Tetrachloride
Concen: 19.909 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
121	29.7	24.6	37.0





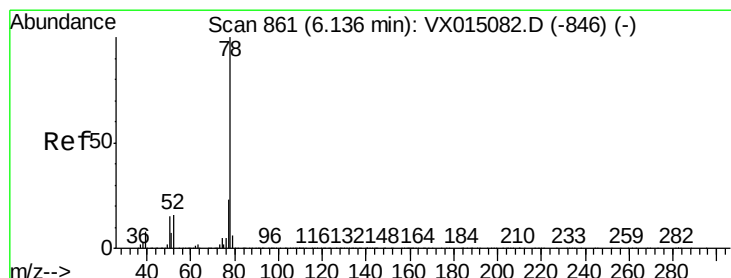
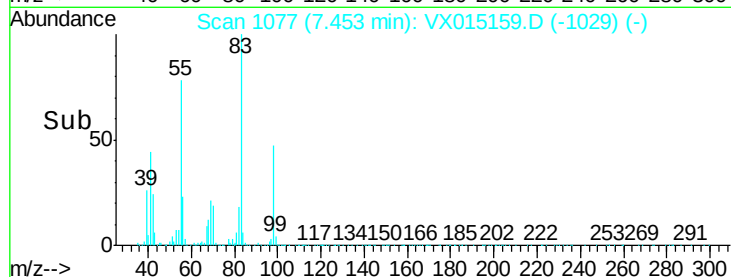
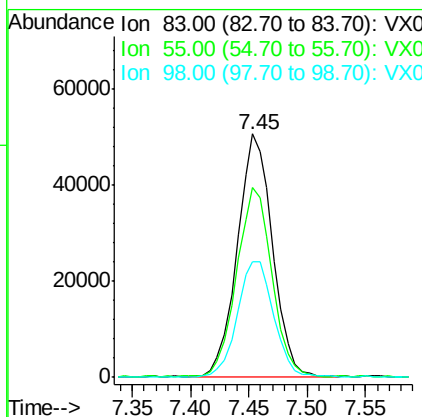
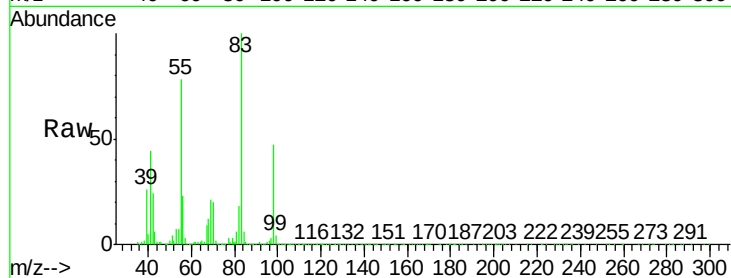
#39
Methylvlcyclohexane
Concen: 20.168 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	62.4	93.6
98	47.0	39.7	59.5

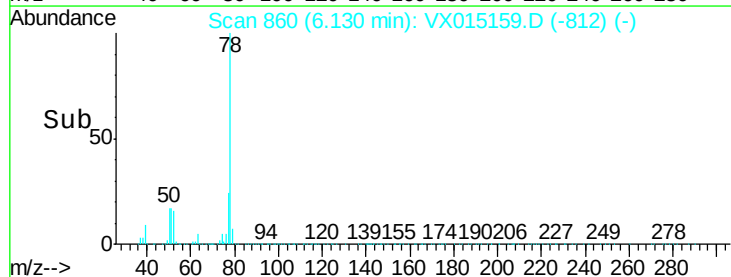
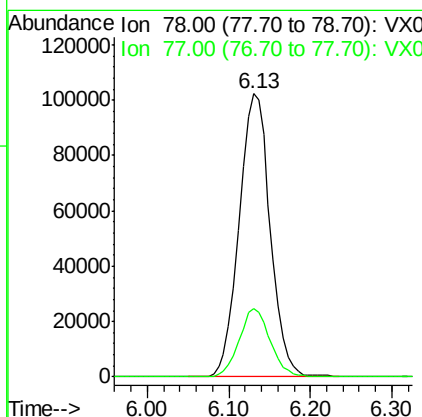
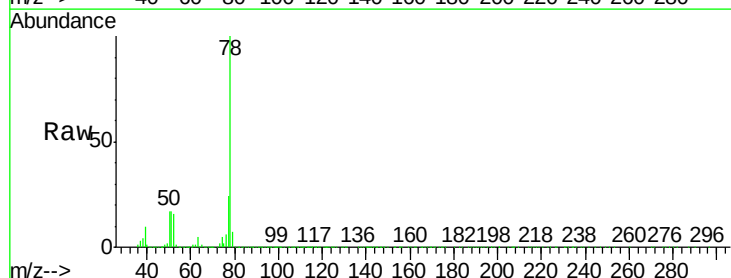
Manual Integrations
APPROVED

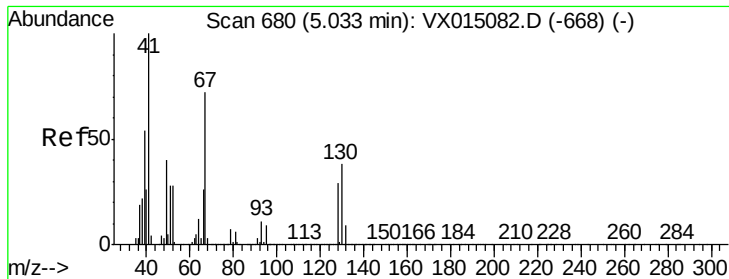
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#40
Benzene
Concen: 20.155 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





#41

Methacrylonitrile

Concen: 20.654 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

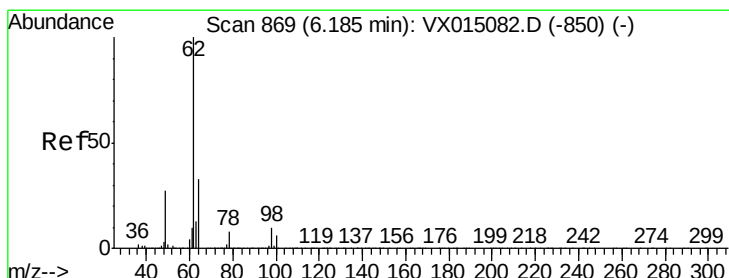
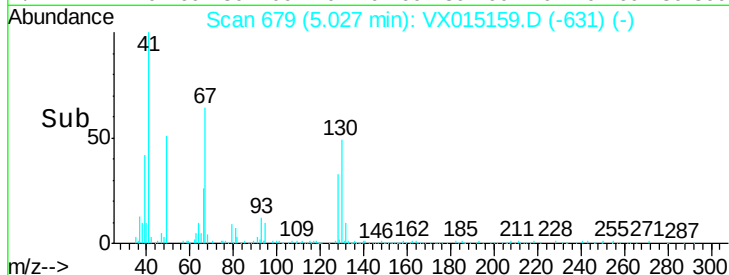
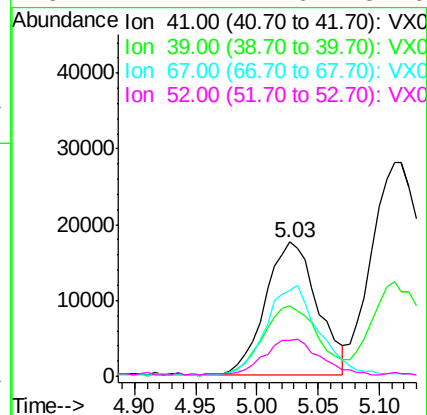
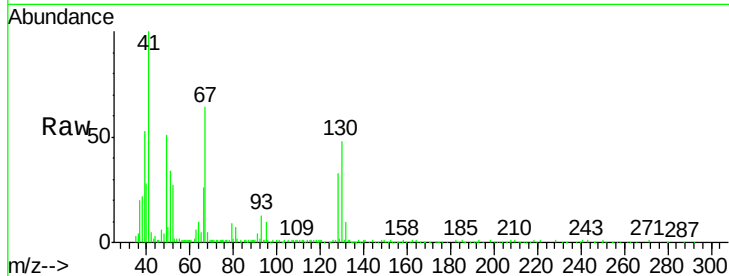
ClientSampleId :

VX0310WBSD01

Tot Ion:	41	Resp:	51696
Ion	Ratio	Lower	Upper
41	100		
39	57.6	43.9	65.9
67	69.6	57.8	86.8
52	27.7	22.6	34.0

Manual Integrations
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3/11/2020 3:21:22 PM



#42

1,2-Dichloroethane

Concen: 21.218 ug/l

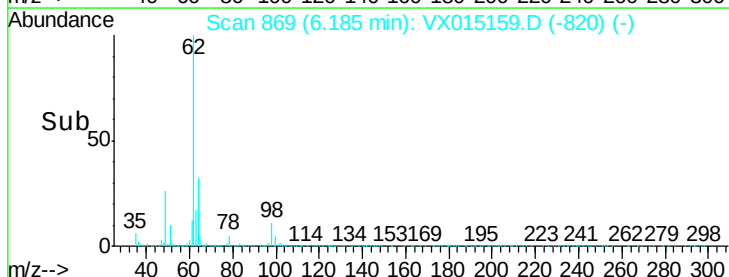
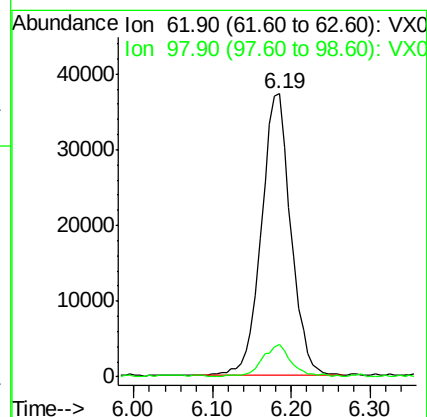
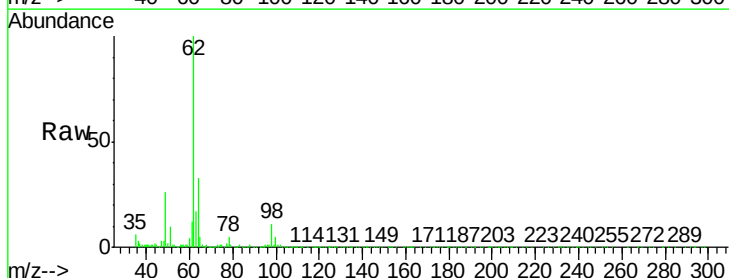
RT: 6.19 min Scan# 869

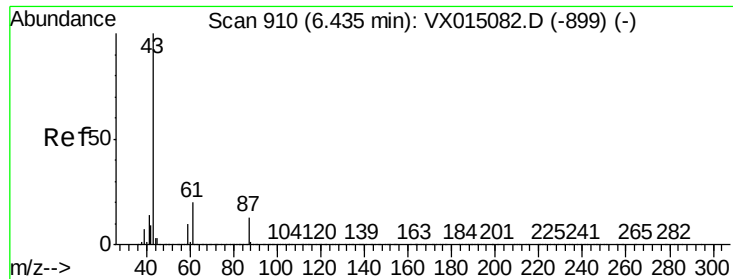
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	62	Resp:	97116
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	20.6





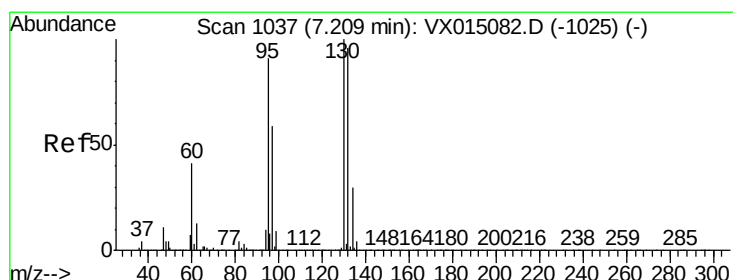
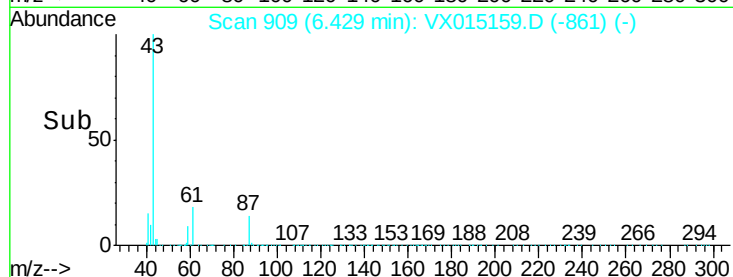
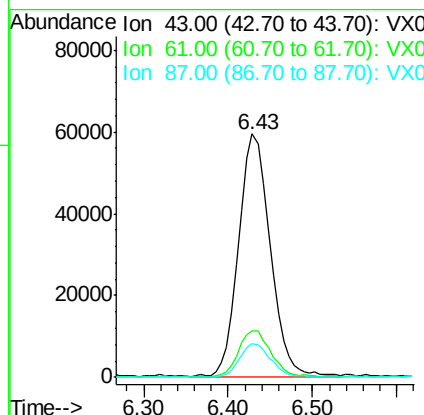
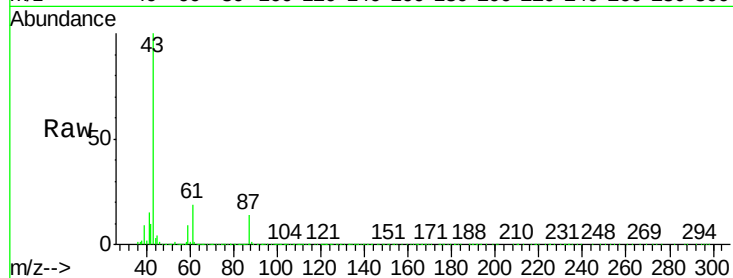
#43
Isopropyl Acetate
Concen: 20.516 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.1	24.1
87	13.2	10.6	16.0

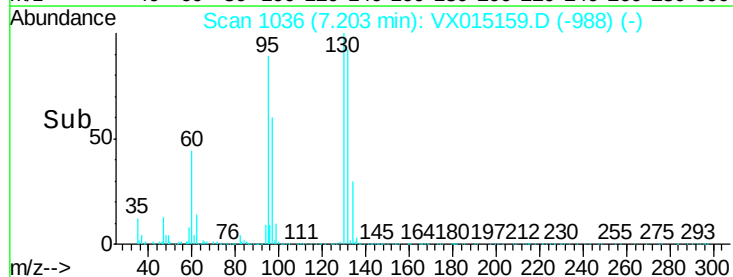
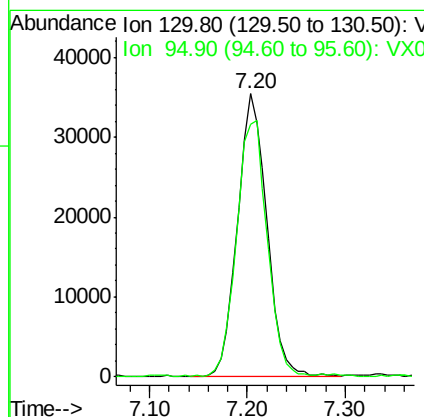
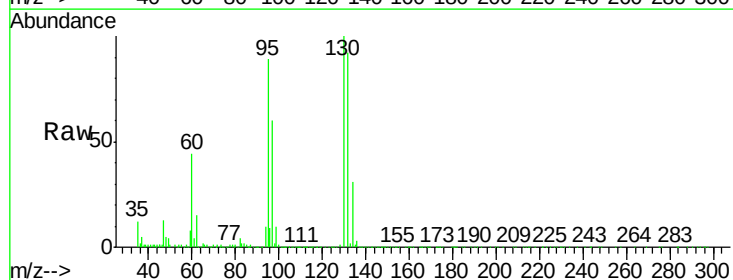
Manual Integrations
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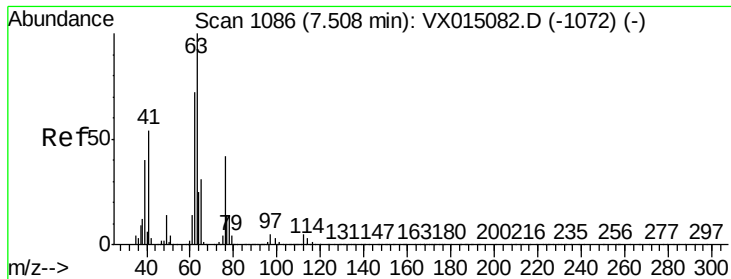
MMDadoda
3/11/2020 3:21:22 PM



#44
Trichloroethene
Concen: 19.972 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	181.2





#45

1,2-Dichloropropane

Concen: 21.131 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 63 Resp: 72898

Ion Ratio Lower Upper

63 100

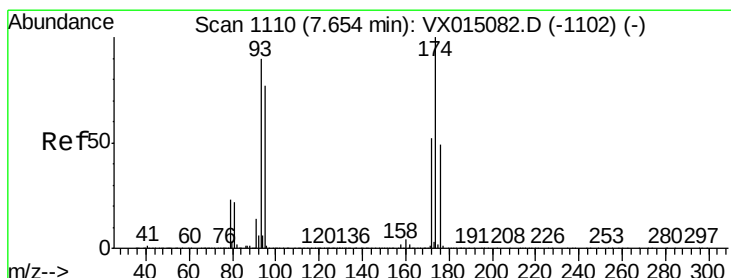
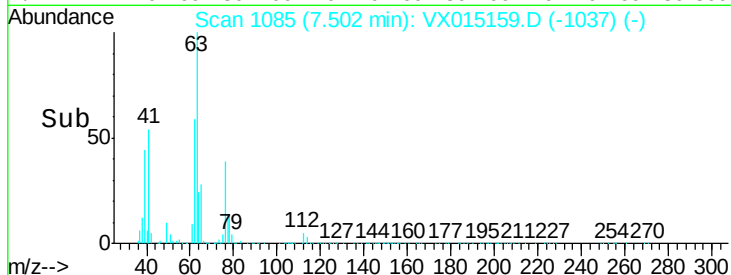
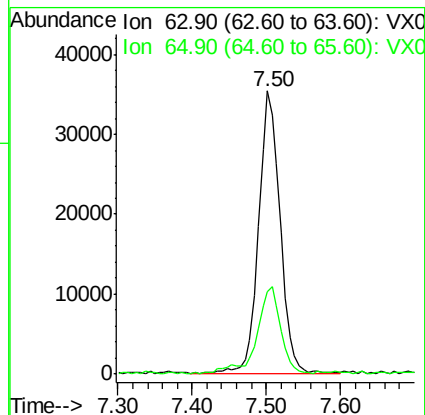
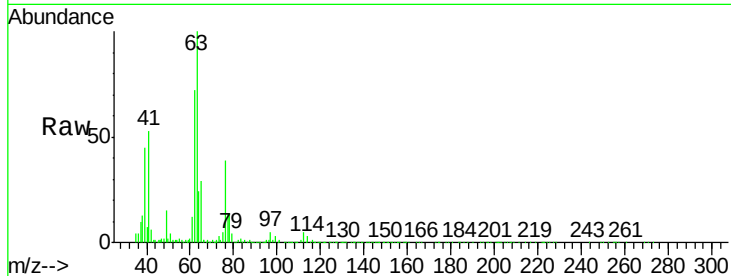
65 28.8 24.6 36.8

Manual Integrations

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3/11/2020 3:21:22 PM



#46

Dibromomethane

Concen: 20.308 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

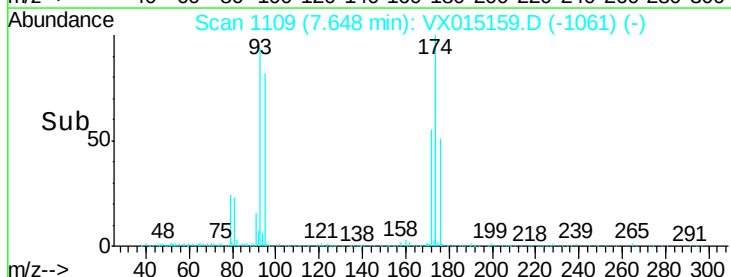
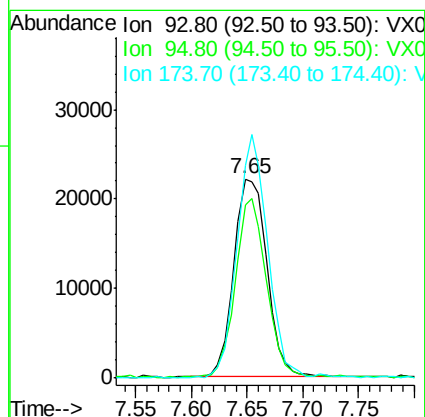
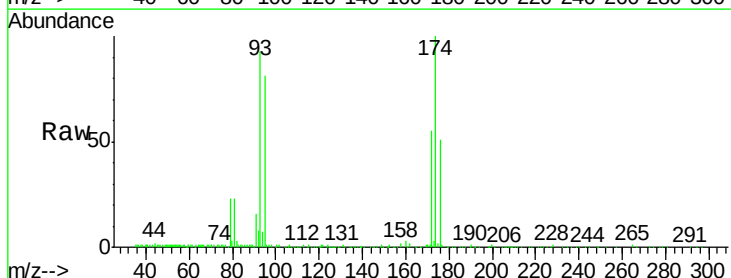
Tgt Ion: 93 Resp: 45650

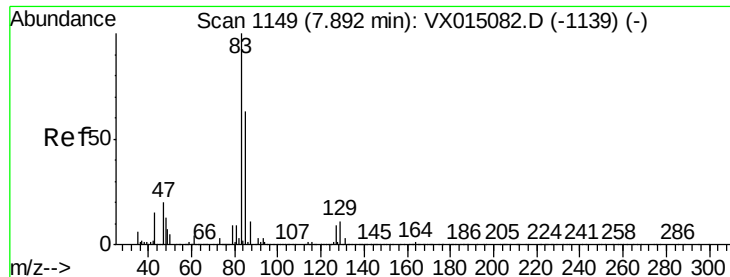
Ion Ratio Lower Upper

93 100

95 86.9 67.8 101.8

174 112.0 91.0 136.4





#47

Bromodichloromethane

Concen: 20.757 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

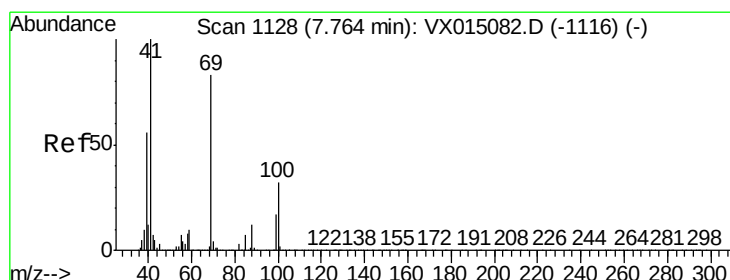
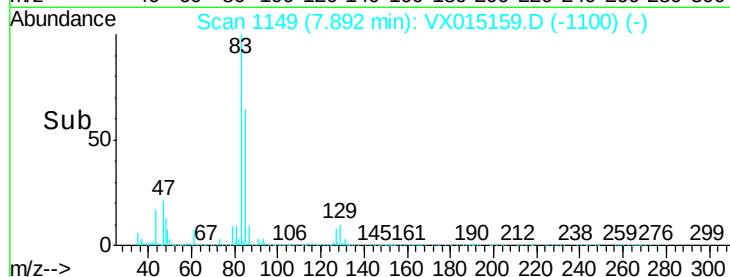
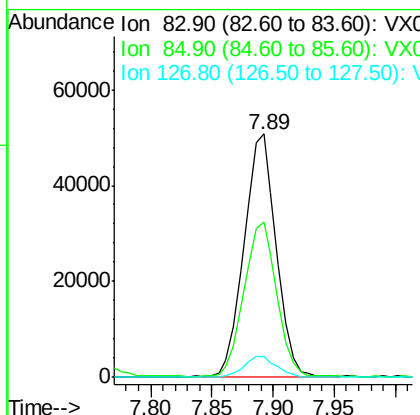
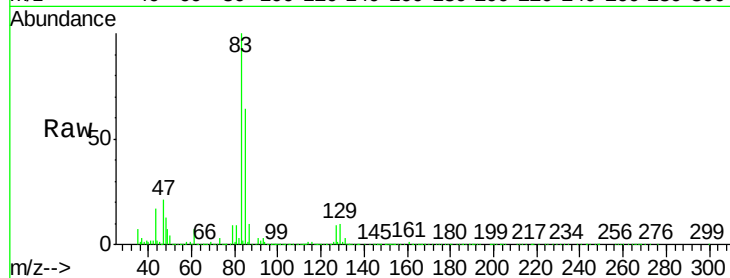
ClientSampleId :

VX0310WBSD01

Tot Ion:	83	Resp:	92268
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.6	75.8
127	8.5	7.1	10.7

Manual Integrations
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3/11/2020 3:21:22 PM



#48

Methyl methacrylate

Concen: 19.961 ug/l

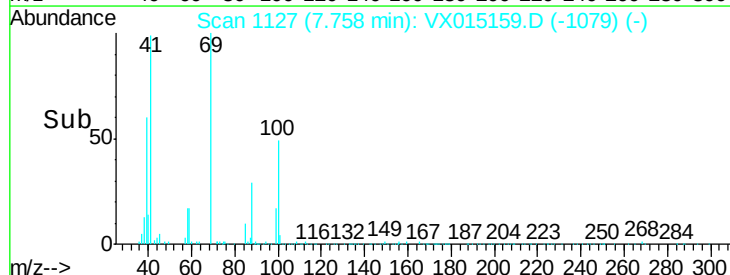
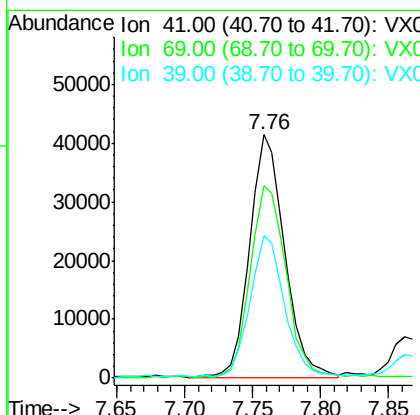
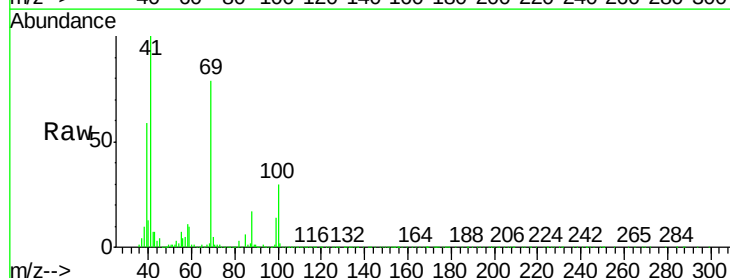
RT: 7.76 min Scan# 1127

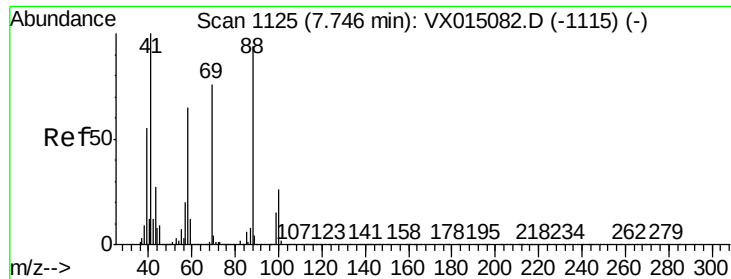
Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	41	Resp:	74476
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.4	98.2
39	58.0	44.6	67.0





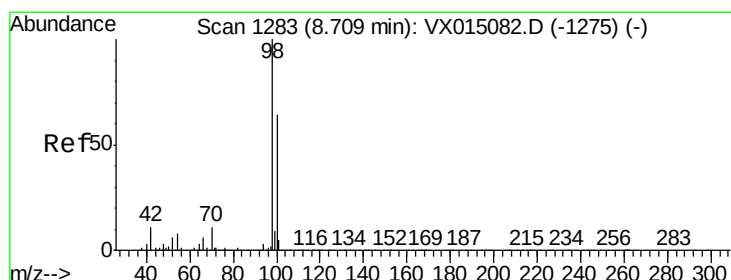
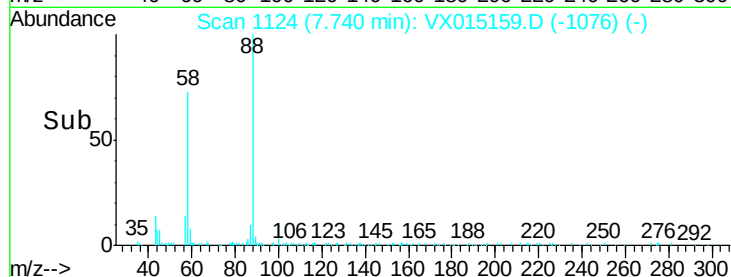
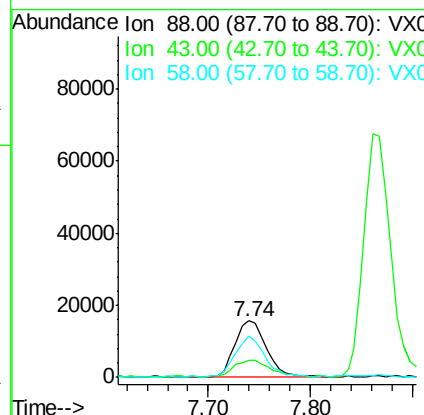
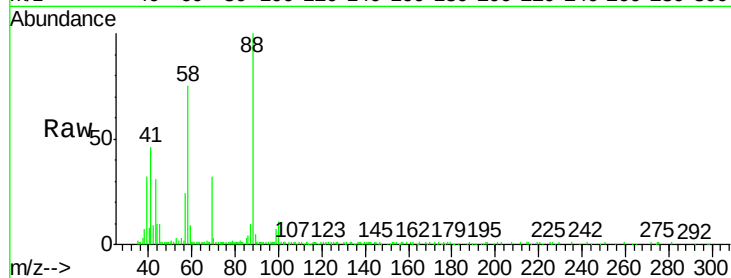
#49
1,4-Dioxane
Concen: 414.806 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.0	40.4
58	67.0	55.6	83.4

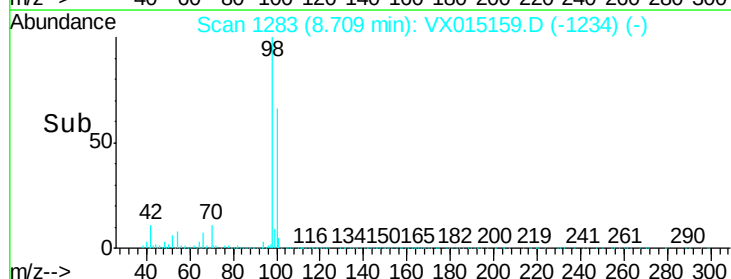
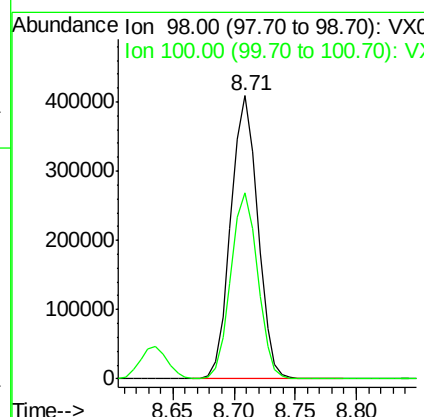
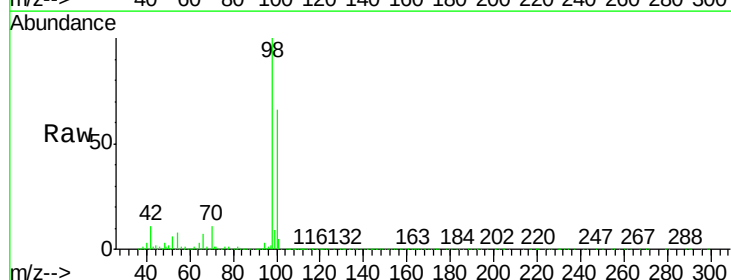
Manual Integrations
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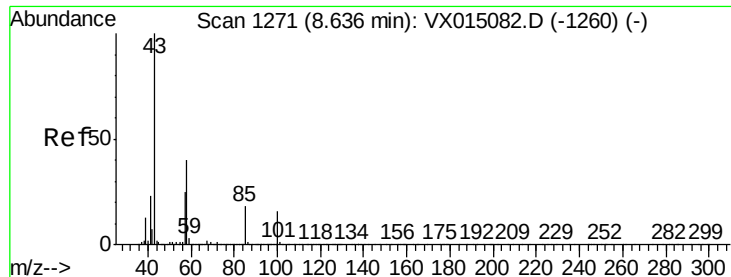
MMDadoda
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#50
Toluene-d8
Concen: 53.525 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 108.118 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 43 Resp: 468614

Ion Ratio Lower Upper

43 100

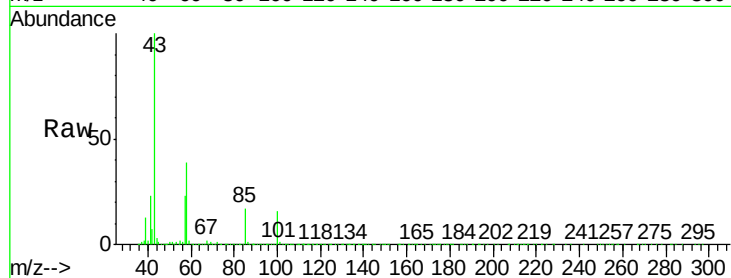
58 39.0 31.6 47.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

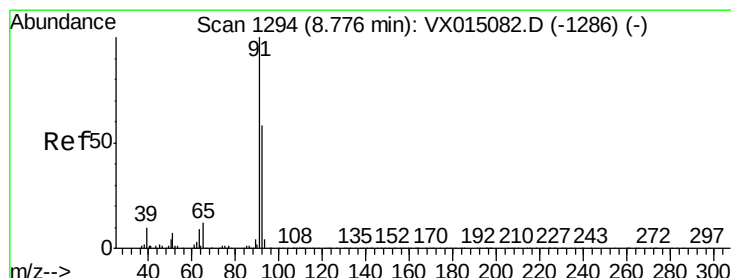
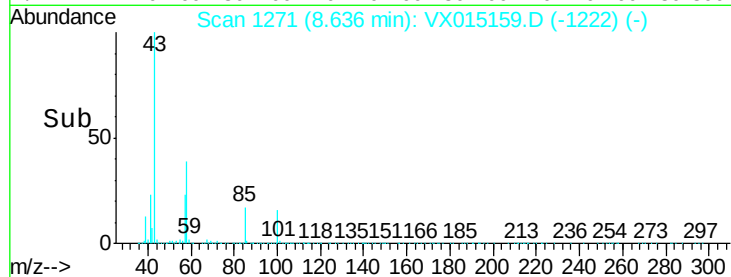
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.808 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015159.D

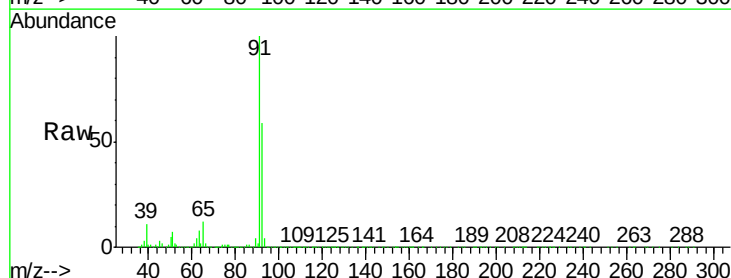
Acq: 10 Mar 2020 10:47

Tgt Ion: 92 Resp: 169566

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

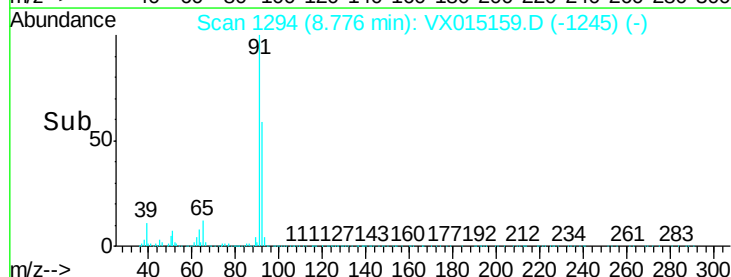
150000

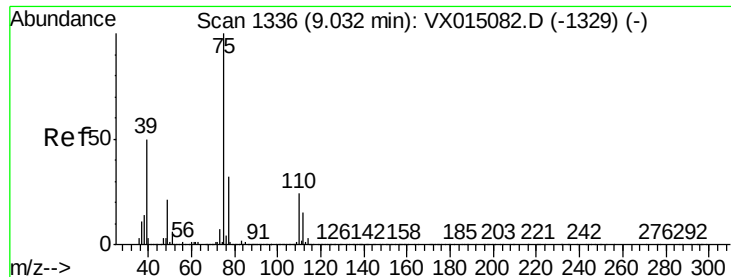
100000

50000

0

Time-->





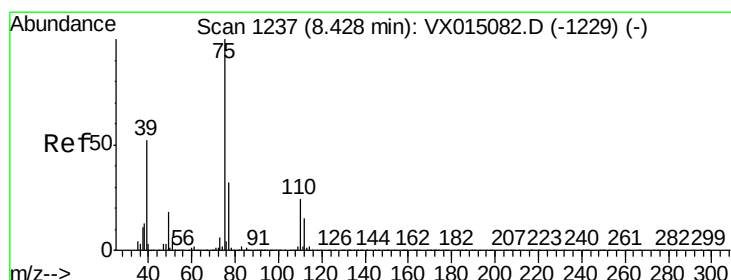
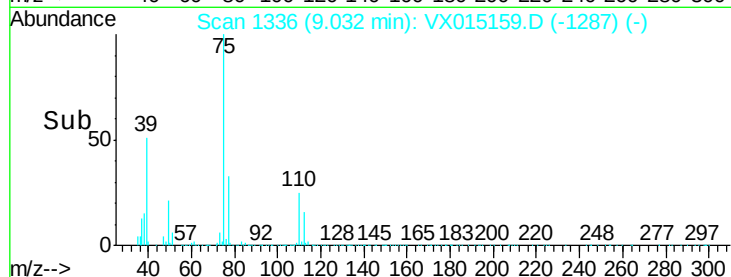
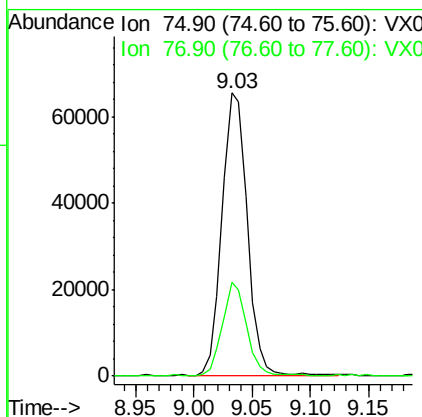
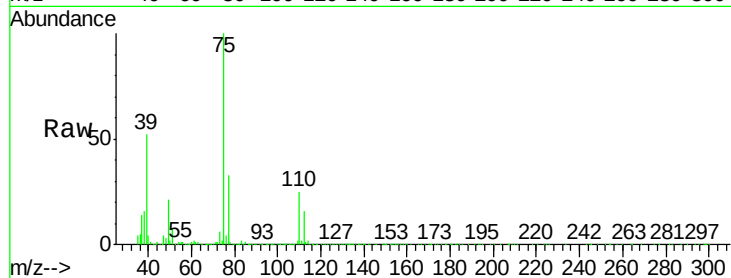
#53
t-1,3-Dichloropropene
Concen: 21.000 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.0

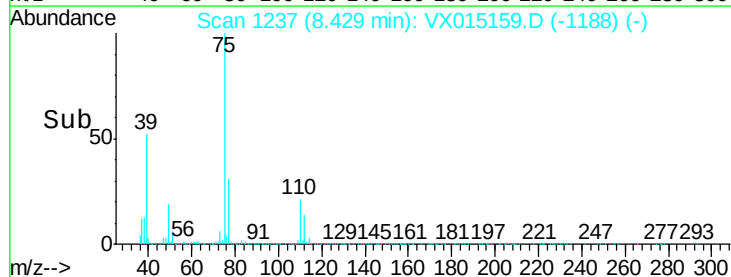
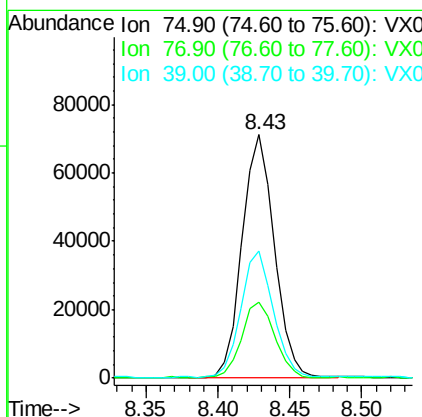
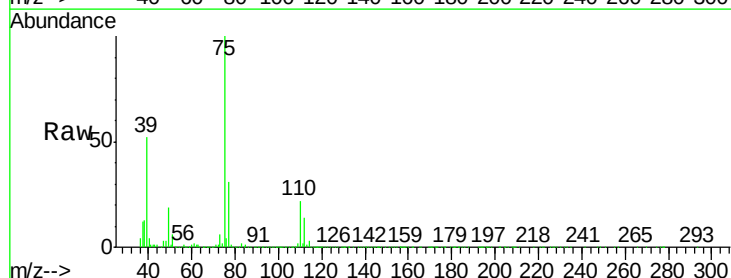
Manual Integrations
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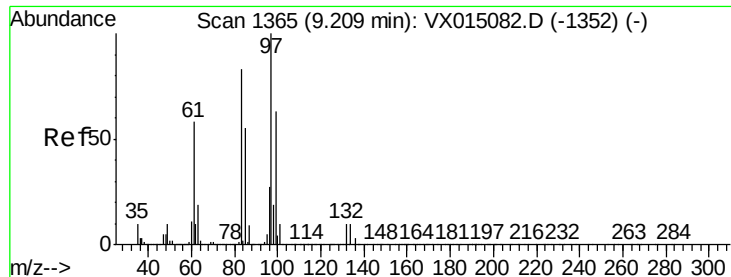
MMDadoda
3/11/2020 3:21:22 PM



#54
cis-1,3-Dichloropropene
Concen: 20.659 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	51.6	41.3	61.9





#55

1,1,2-Trichloroethane

Concen: 20.705 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

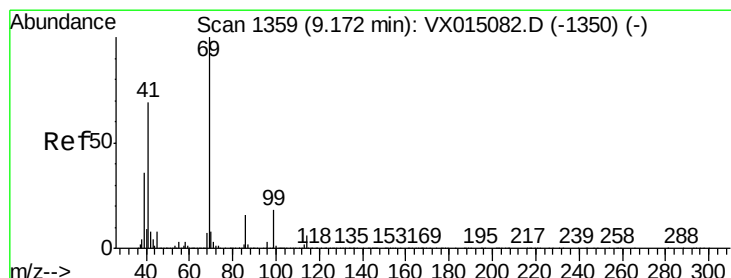
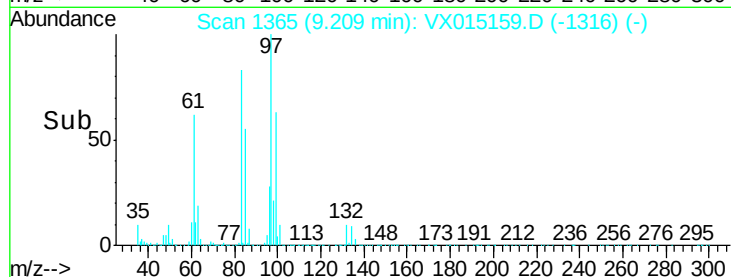
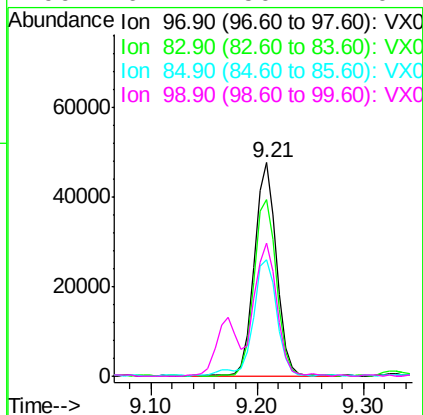
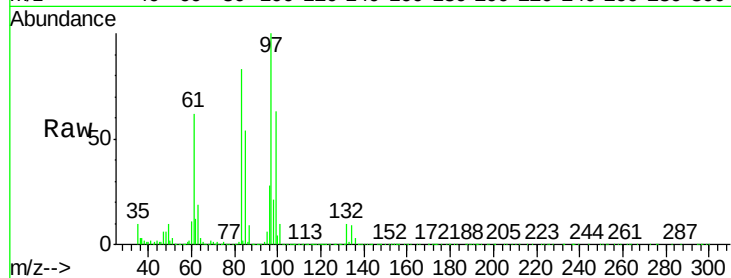
ClientSampleId :

VX0310WBSD01

Tot Ion:	97	Resp:	69447
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.4	99.6
85	54.3	43.5	65.3
99	62.4	50.7	76.1

Manual Integrations
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3/11/2020 3:21:22 PM



#56

Ethyl methacrylate

Concen: 21.325 ug/l

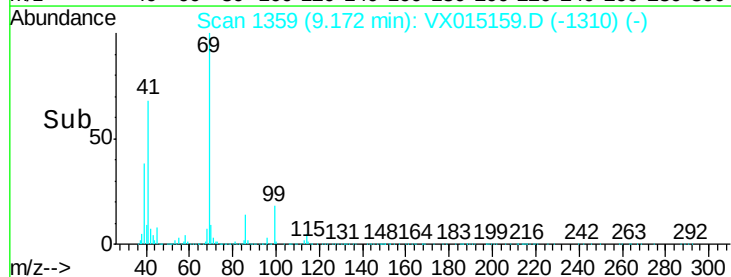
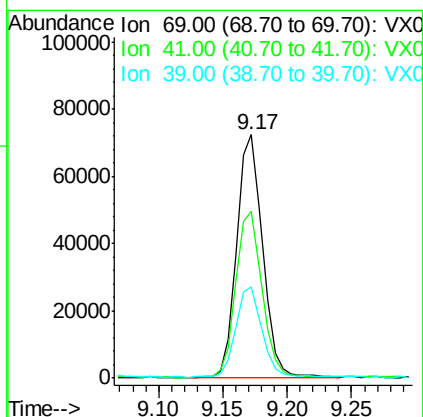
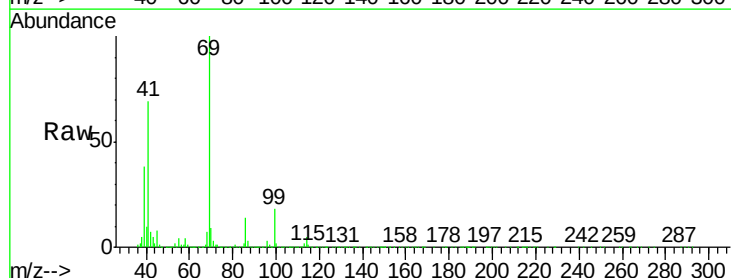
RT: 9.17 min Scan# 1359

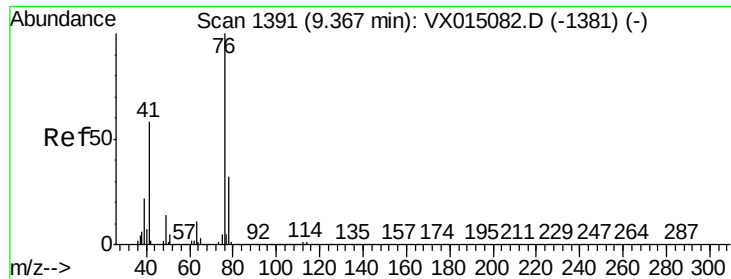
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	69	Resp:	102025
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.8	83.8
39	37.3	29.4	44.2





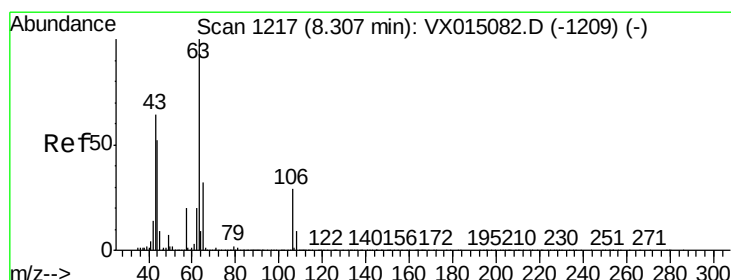
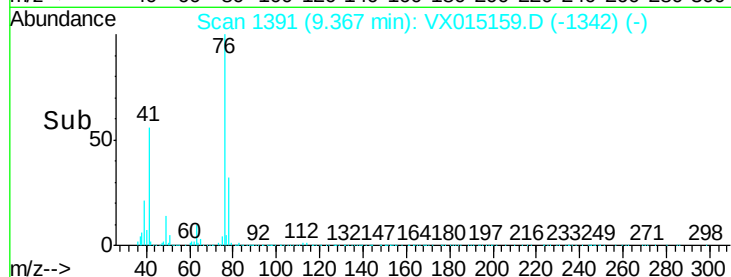
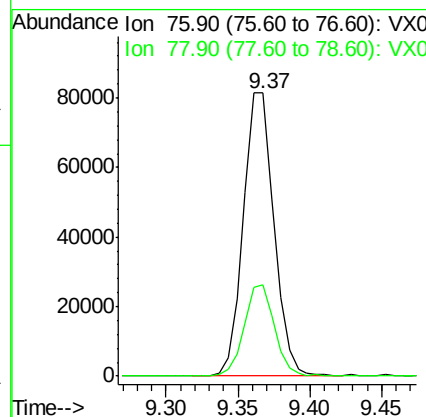
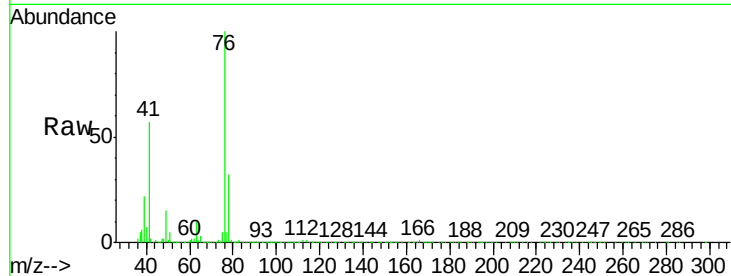
#57
 1,3-Dichloropropane
 Concen: 21.254 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion: 76 Resp: 119937
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4

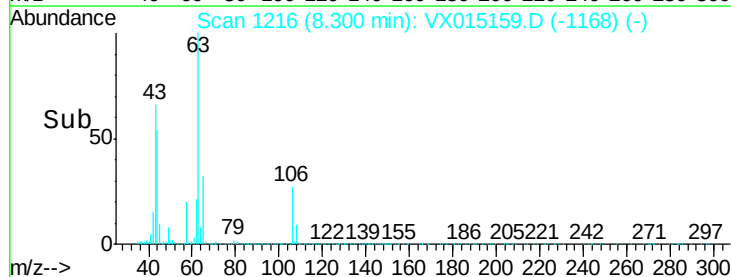
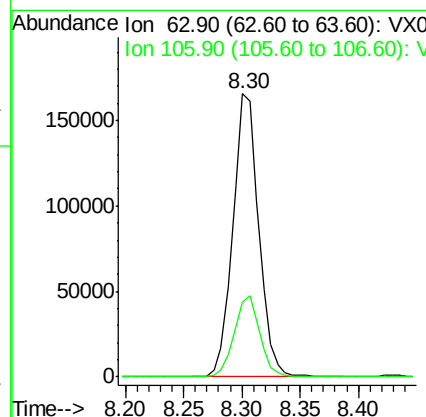
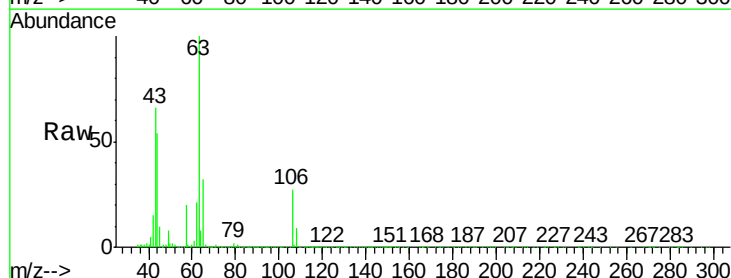
Manual Integrations
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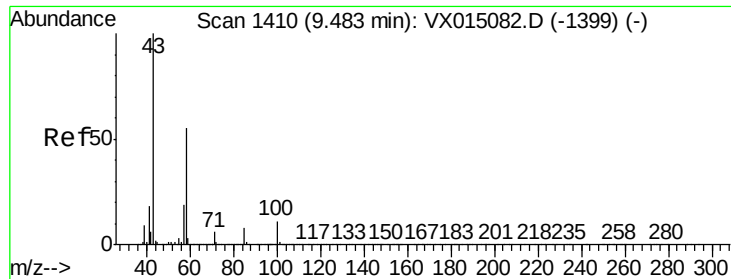
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 3/11/2020 3:21:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.710 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion: 63 Resp: 254668
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.8 34.2





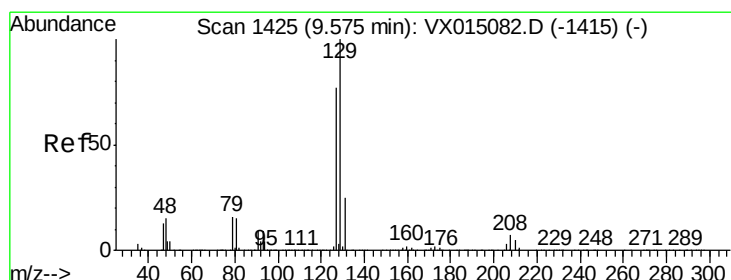
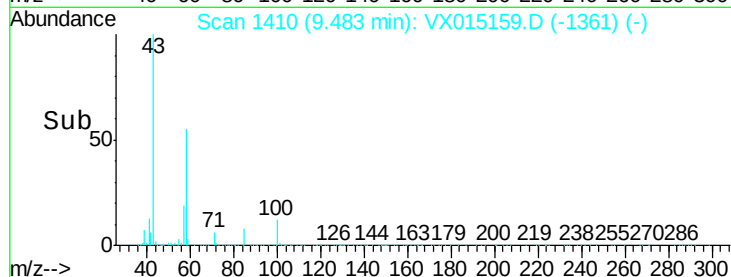
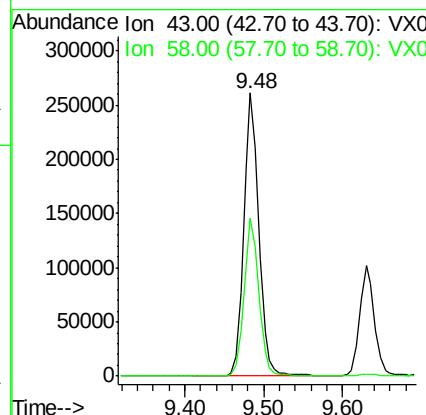
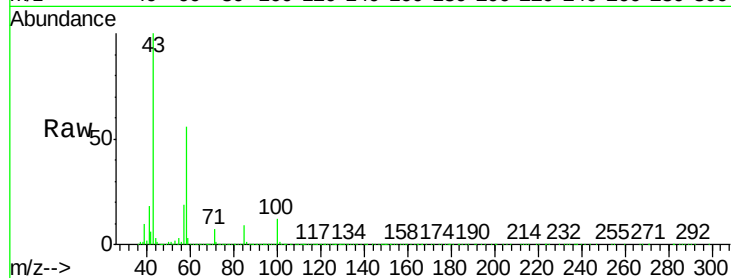
#59
2-Hexanone
Concen: 107.890 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion: 43 Resp: 346599
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

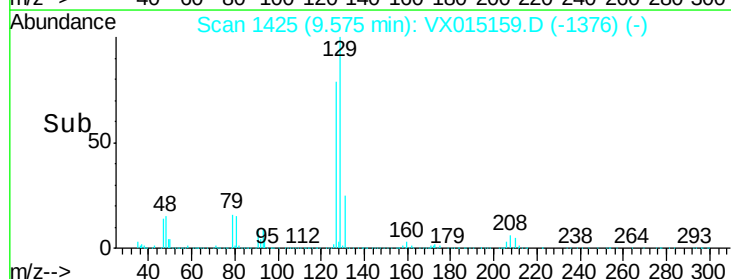
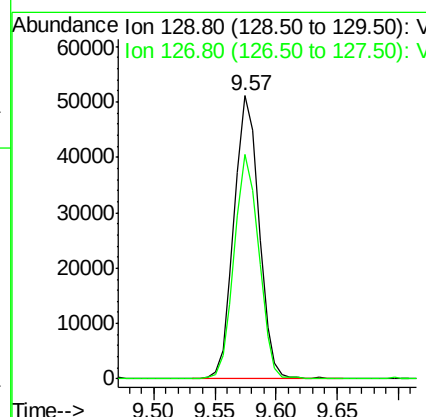
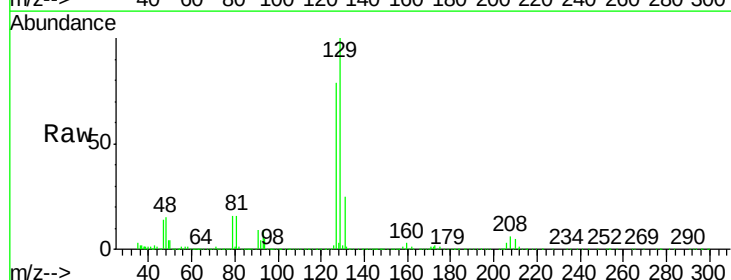
Manual Integrations
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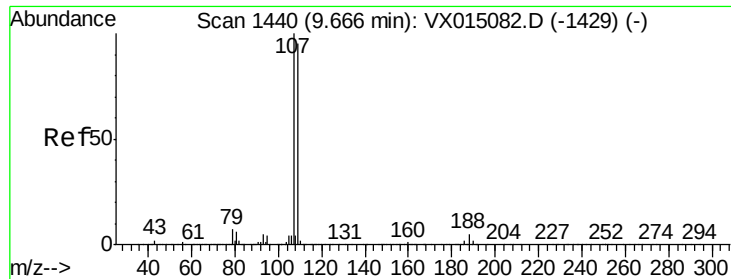
MMDadoda
3/11/2020 3:21:22 PM



#60
Dibromochloromethane
Concen: 20.573 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion: 129 Resp: 72486
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3





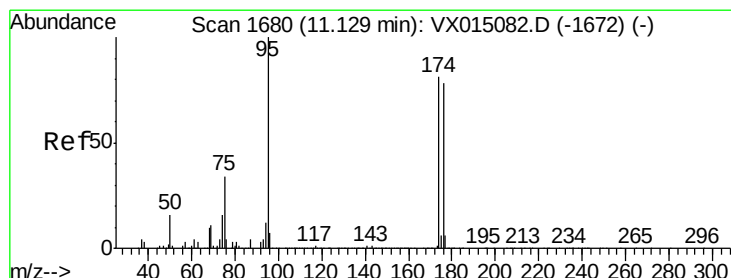
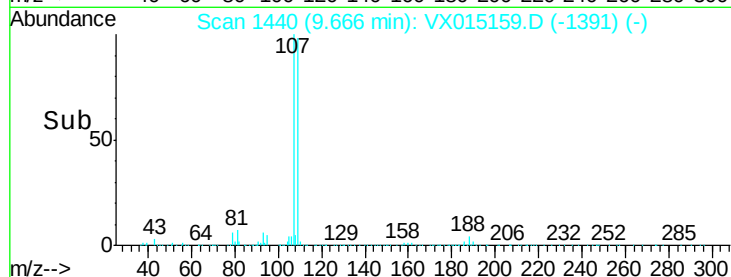
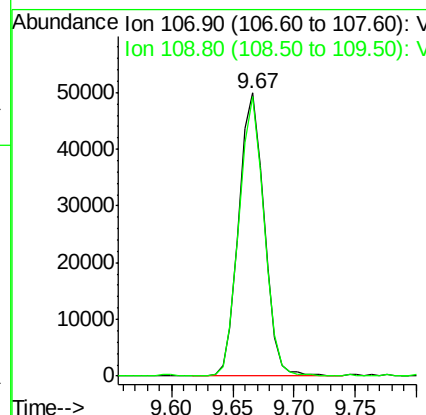
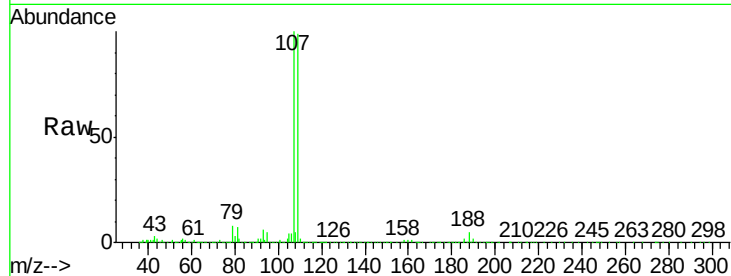
#61
 1,2-Dibromoethane
 Concen: 20.214 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.5	75.6	113.4

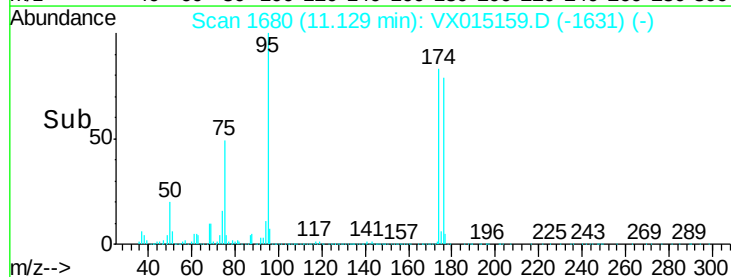
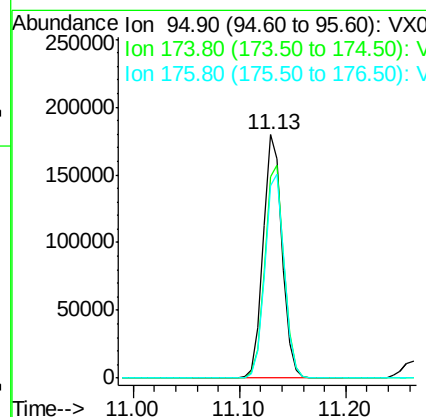
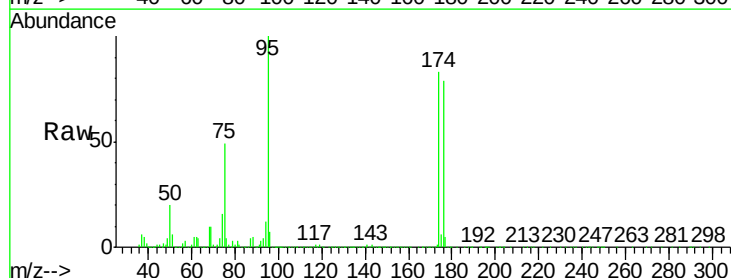
Manual Integrations
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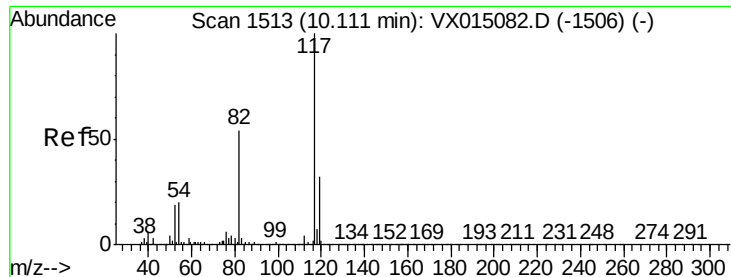
MMDadoda
 3/11/2020 3:21:22 PM



#62
 4-Bromofluorobenzene
 Concen: 54.053 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	177.6
176	85.3	0.0	170.2





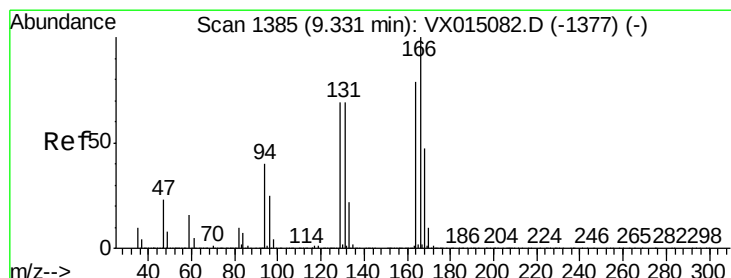
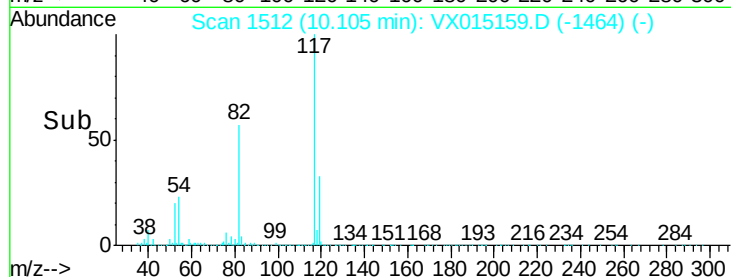
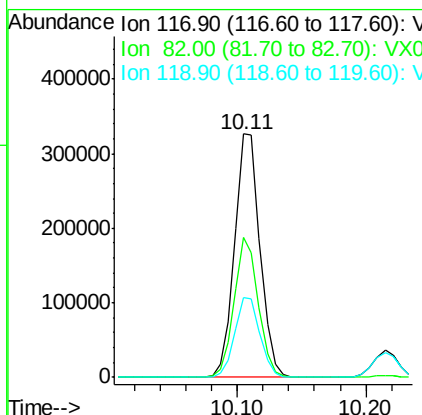
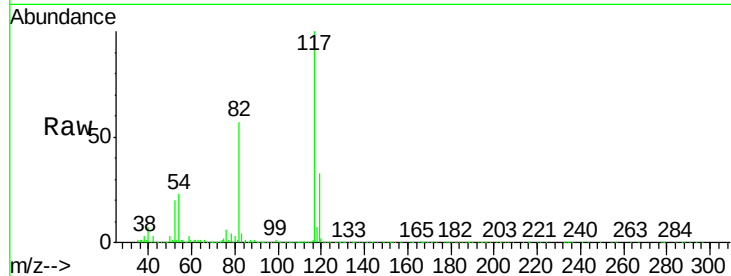
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	57.3	43.3	64.9
119	32.5	25.8	38.8

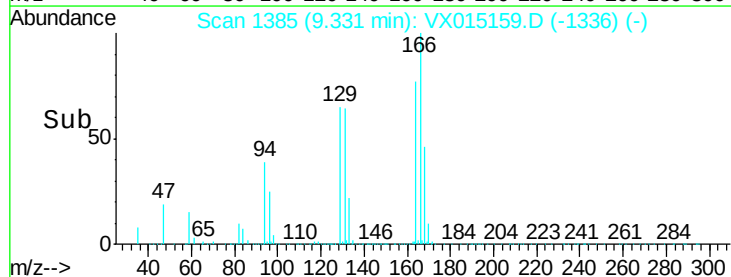
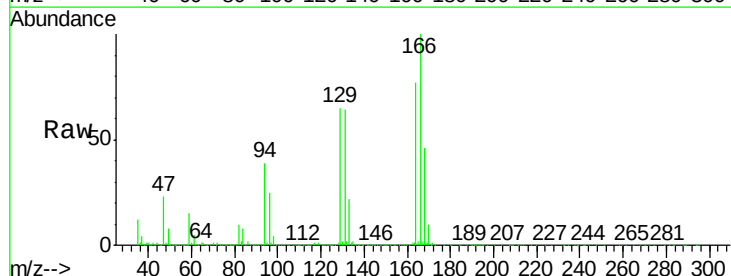
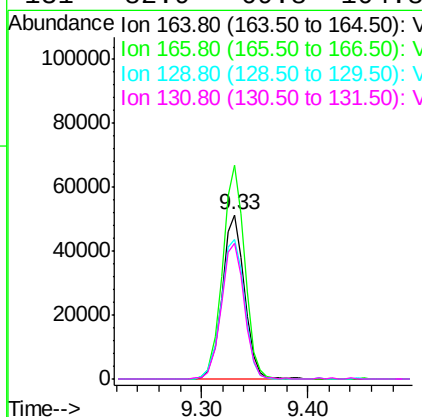
Manual Integrations
APPROVED

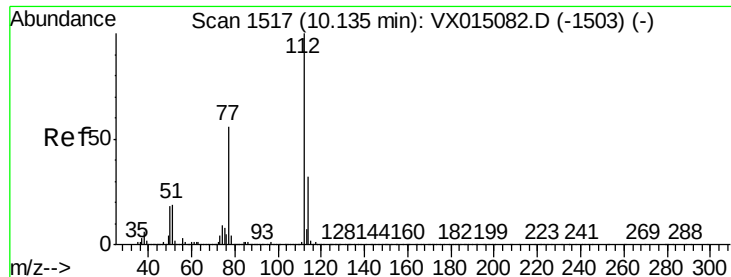
MMDadoda
3/11/2020 3:21:22 PM



#64
Tetrachloroethene
Concen: 20.293 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.6	101.1	151.7
129	84.8	69.4	104.0
131	82.9	69.8	104.8





#65

Chlorobenzene

Concen: 20.263 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion:112 Resp: 182394

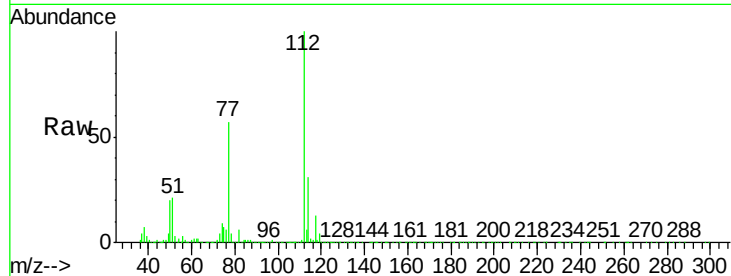
Ion Ratio Lower Upper

112 100

114 30.7 25.5 38.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

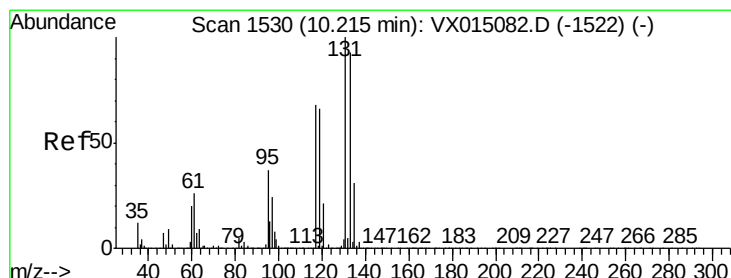
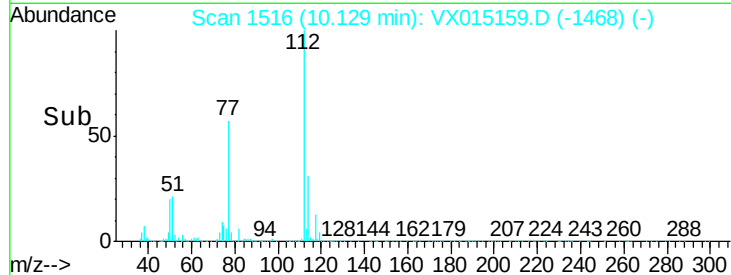
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.004 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

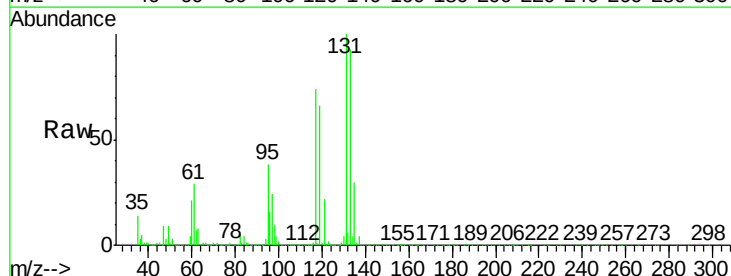
Tgt Ion:131 Resp: 67899

Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.5

119 65.6 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

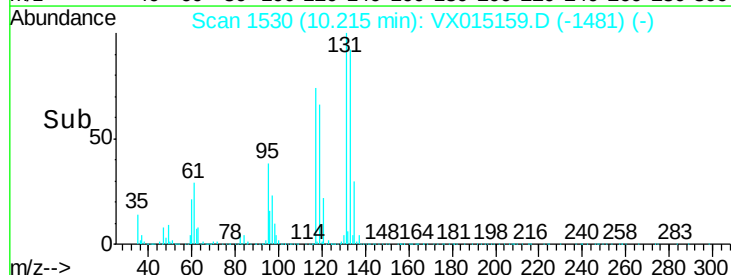
10.21

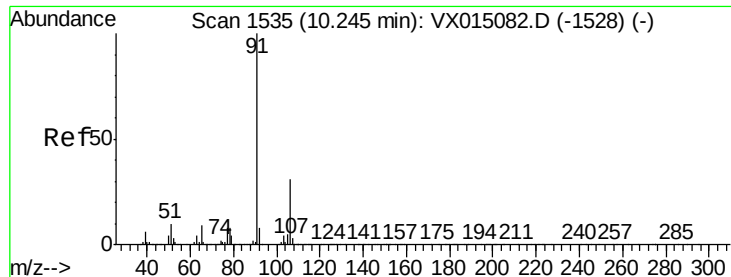
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.659 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBSD01

Tot Ion: 91 Resp: 315780

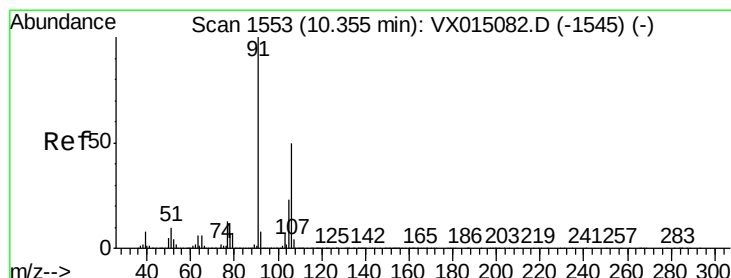
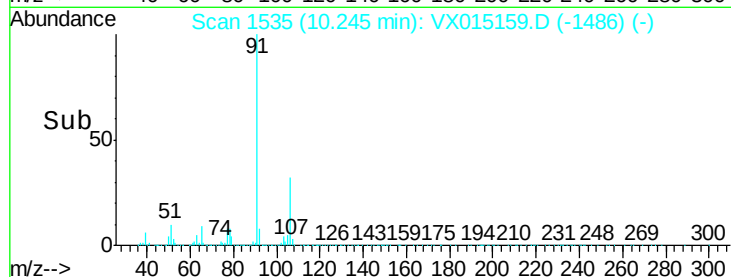
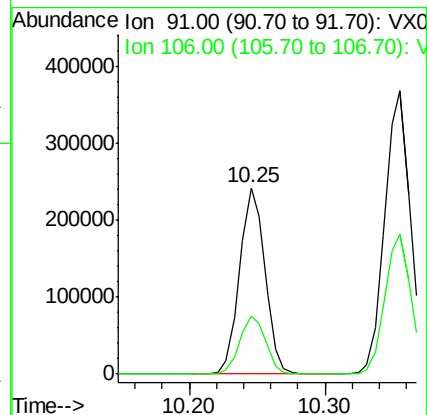
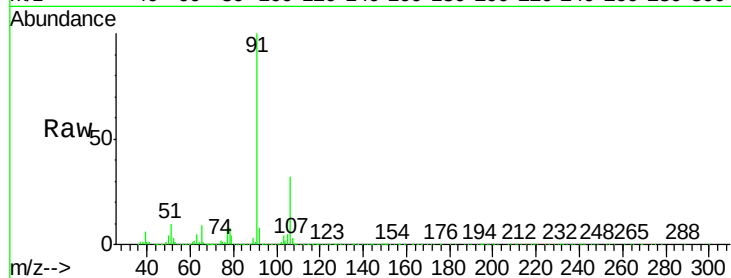
Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.692 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015159.D

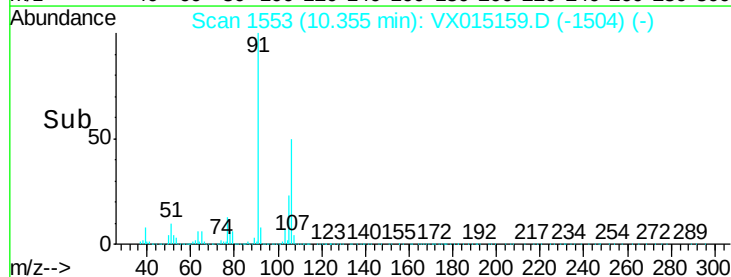
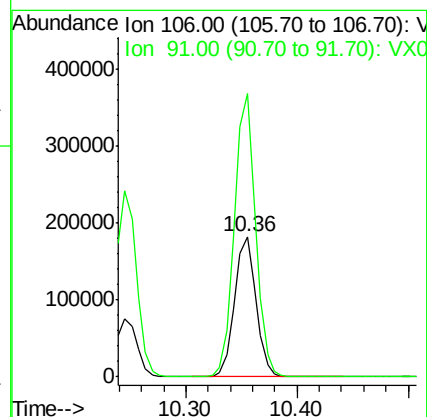
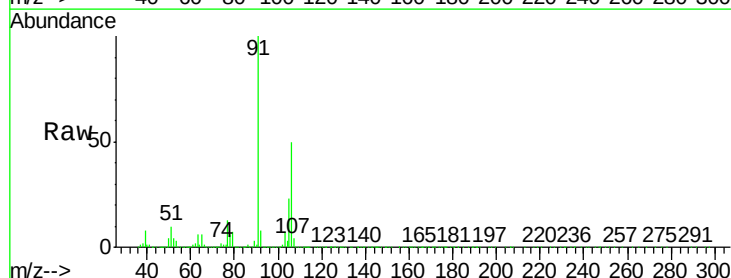
Acq: 10 Mar 2020 10:47

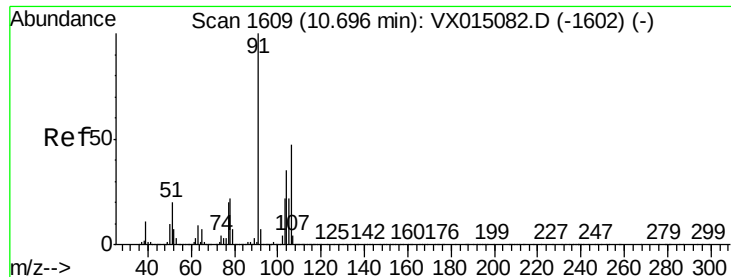
Tgt Ion: 106 Resp: 242460

Ion Ratio Lower Upper

106 100

91 200.6 159.4 239.2





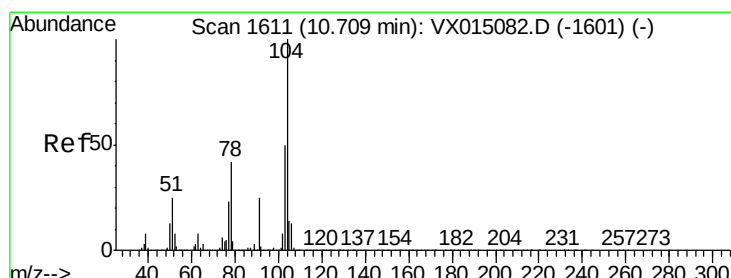
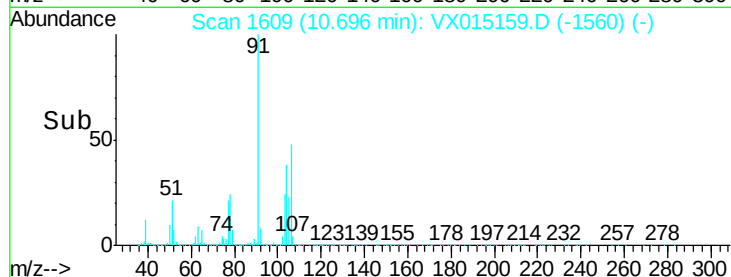
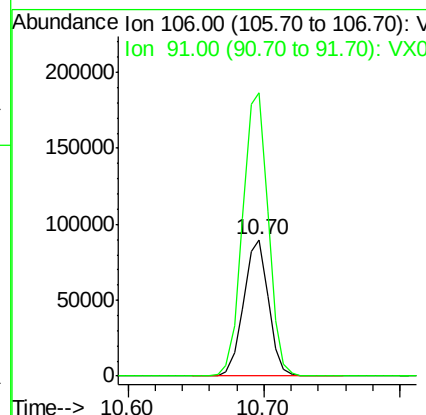
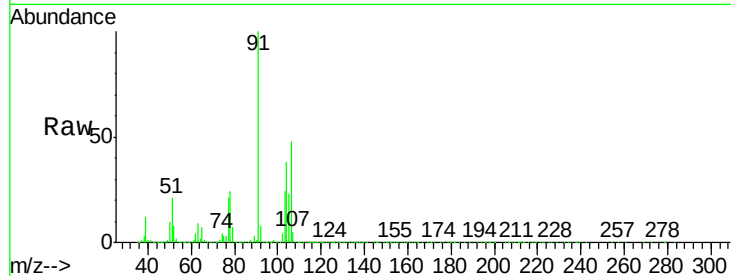
#69
o-Xylene
Concen: 20.537 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion:106 Resp: 114347
Ion Ratio Lower Upper
106 100
91 213.0 105.4 316.1

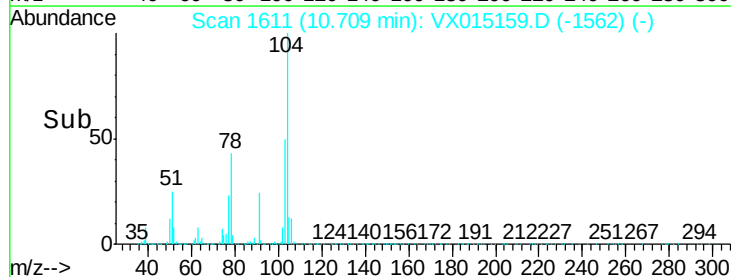
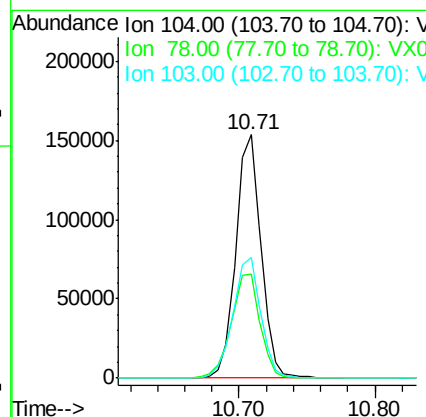
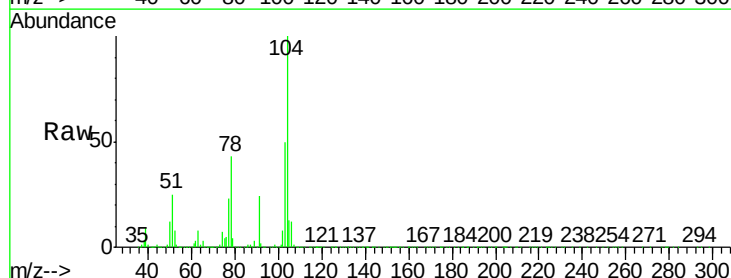
Manual Integrations
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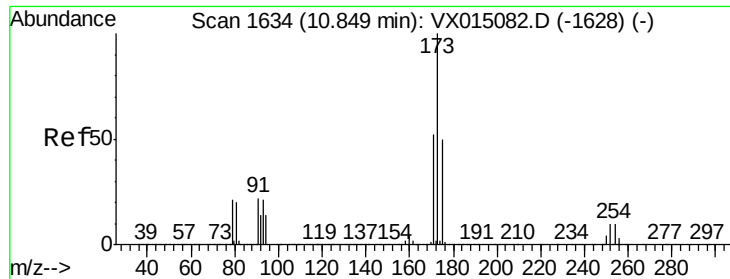
MMDadoda
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#70
Styrene
Concen: 20.711 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion:104 Resp: 197723
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.9 43.7 65.5





#71

Bromoform

Concen: 19.499 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

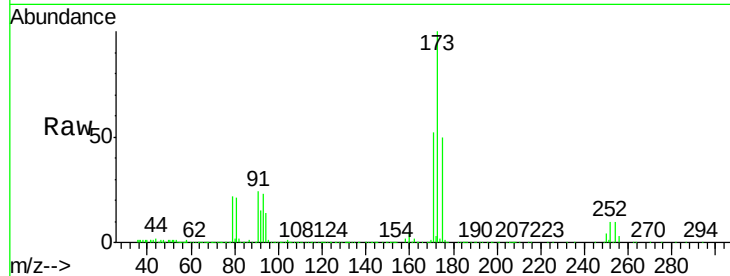
ClientSampleId :

VX0310WBSD01

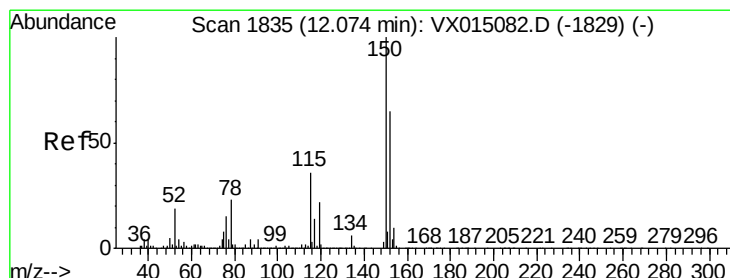
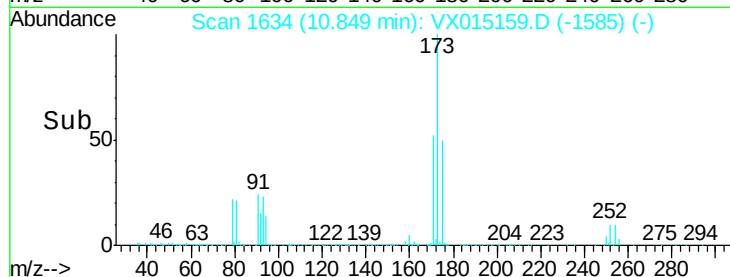
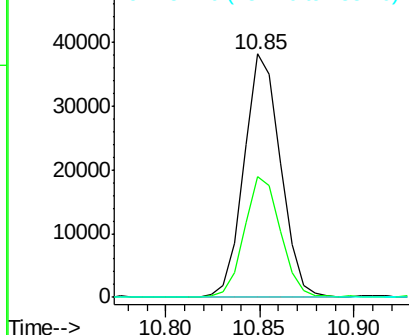
Tot Ion:	173	Resp:	51323
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

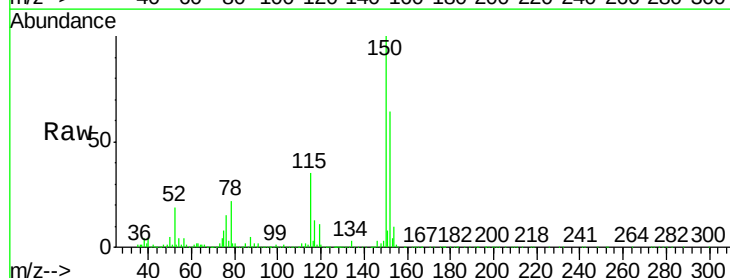
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

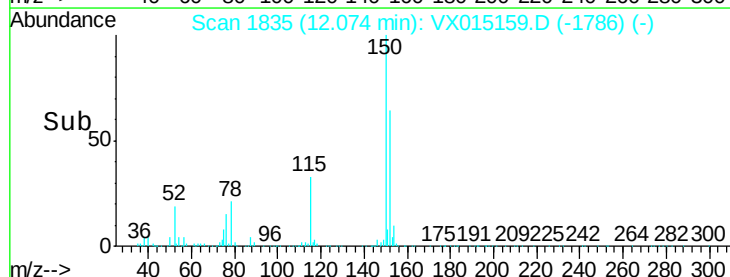
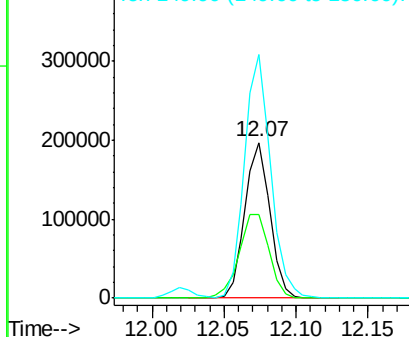
Lab File: VX015159.D

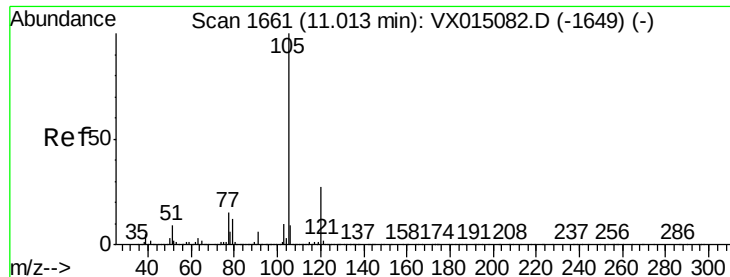
Acq: 10 Mar 2020 10:47

Tgt Ion:	152	Resp:	237414
Ion Ratio	Lower	Upper	
152	100		
115	64.1	38.2	114.6
150	163.4	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





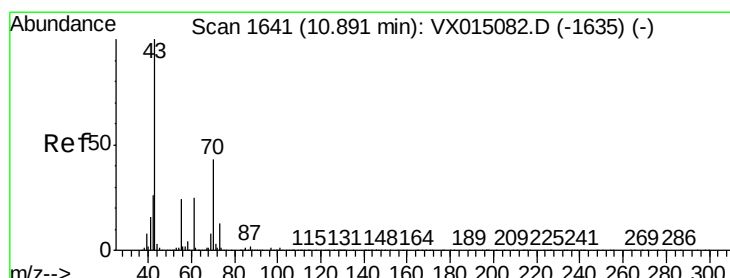
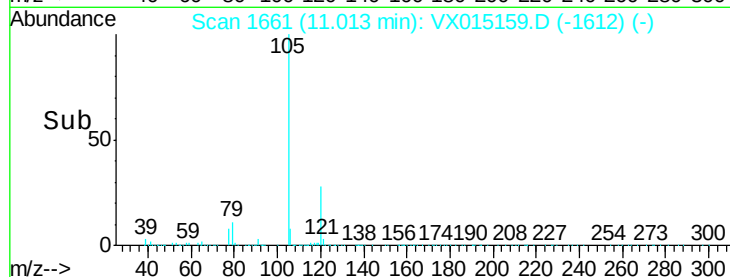
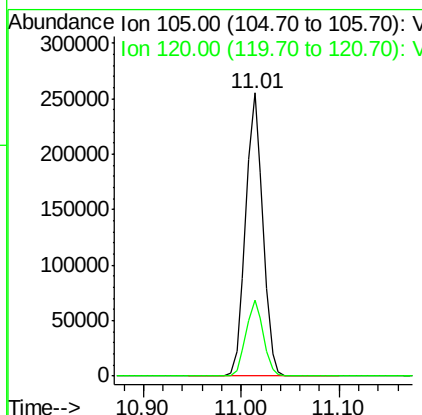
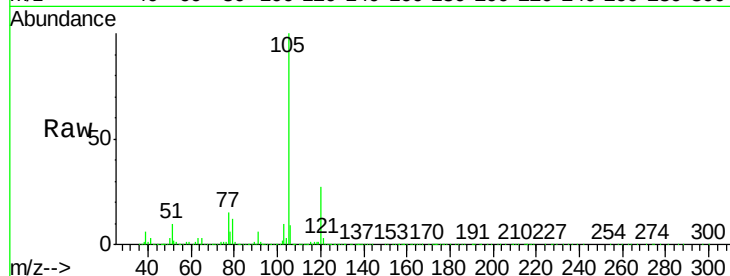
#73
Isopropylbenzene
Concen: 20.620 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5

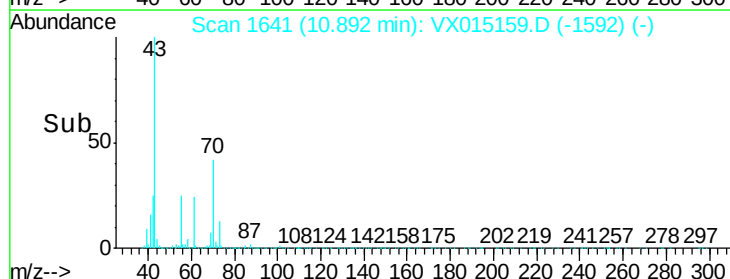
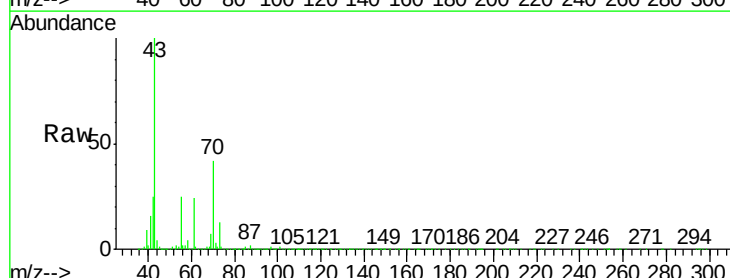
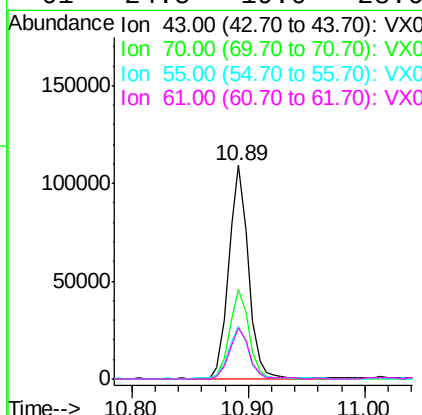
Manual Integrations
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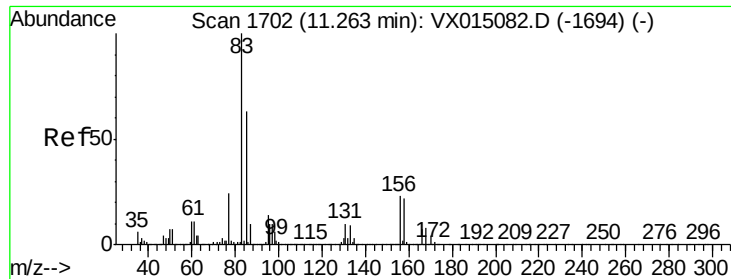
MMDadoda
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#74
N-ethyl acetate
Concen: 20.182 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.8	34.7	52.1
55	25.2	19.4	29.0
61	24.5	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.251 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

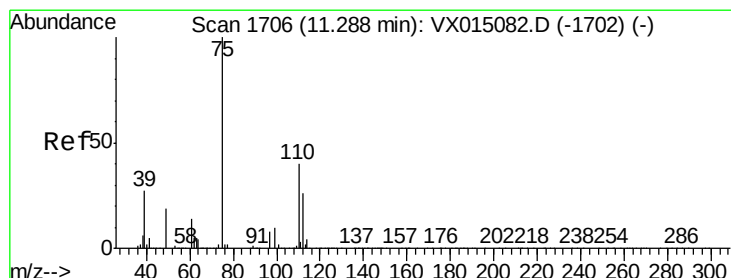
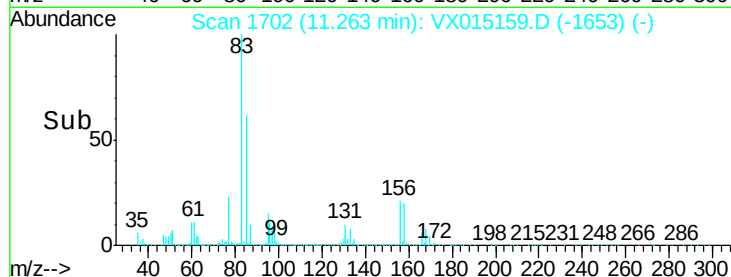
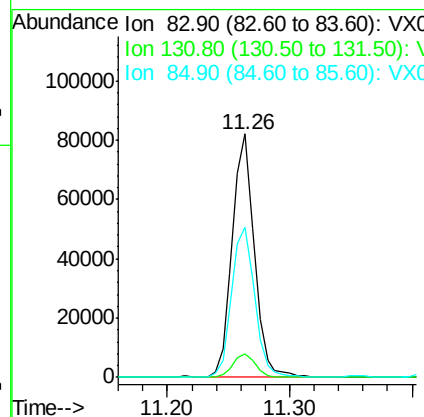
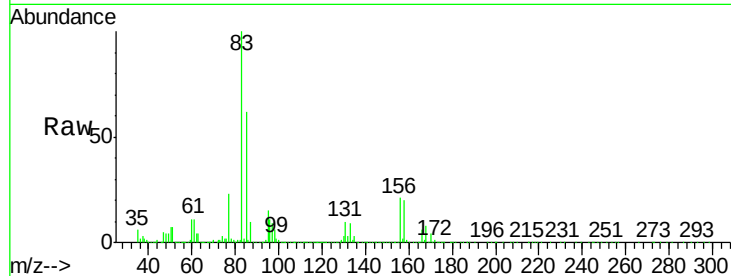
ClientSampled :

VX0310WBSD01

Tot Ion:	83	Resp:	102357
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.832 ug/l m

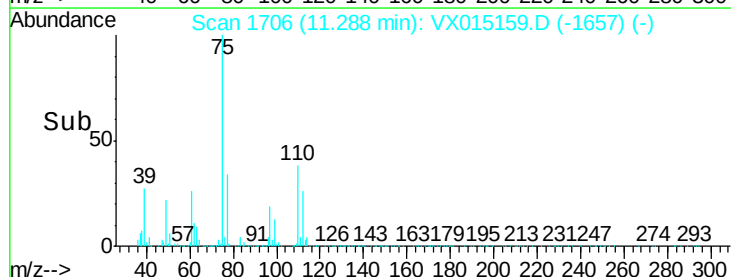
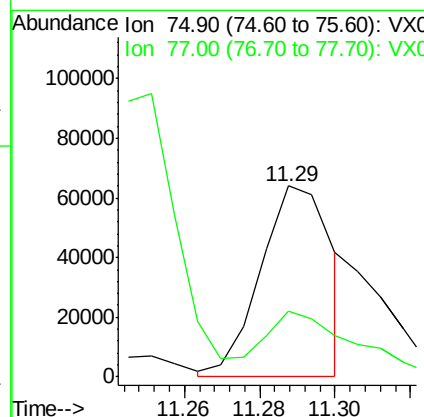
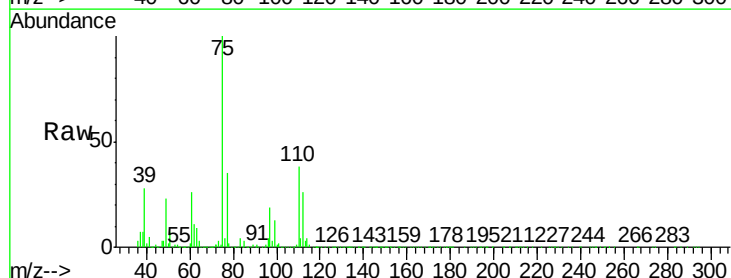
RT: 11.29 min Scan# 1706

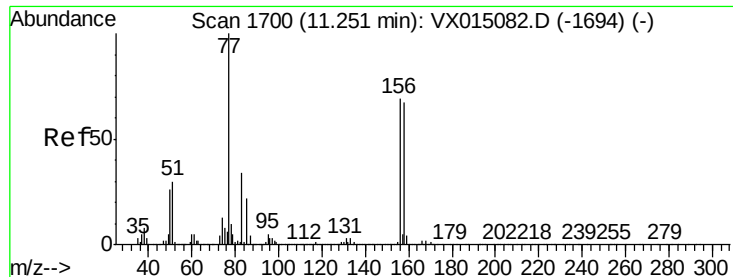
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	75	Resp:	84449
Ion Ratio	Lower	Upper	
75	100		
77	44.6	22.6	67.8





#77

Bromobenzene

Concen: 19.898 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

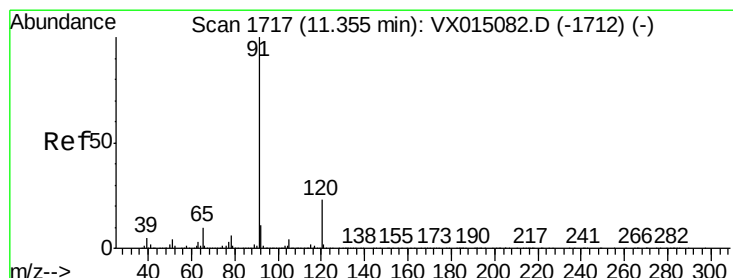
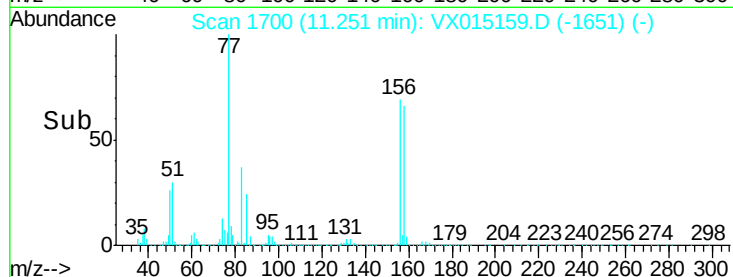
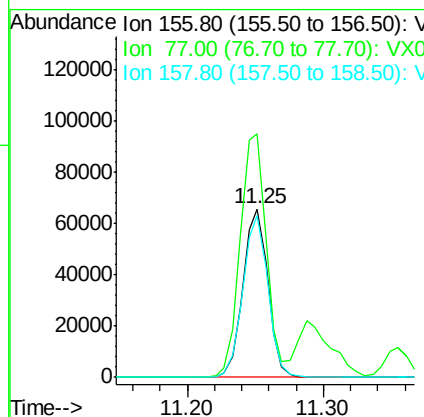
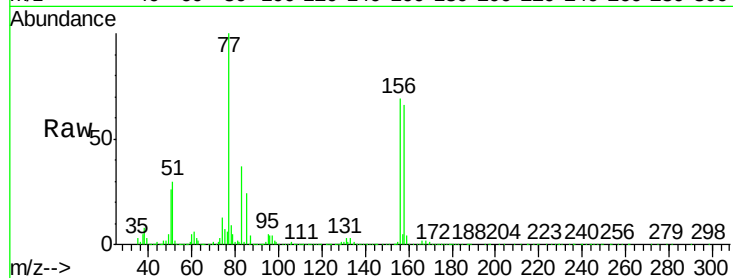
ClientSampleId :

VX0310WBSD01

Tot Ion:	156	Resp:	84100
Ion Ratio	Lower	Upper	
156	100		
77	150.1	75.3	225.9
158	96.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.670 ug/l

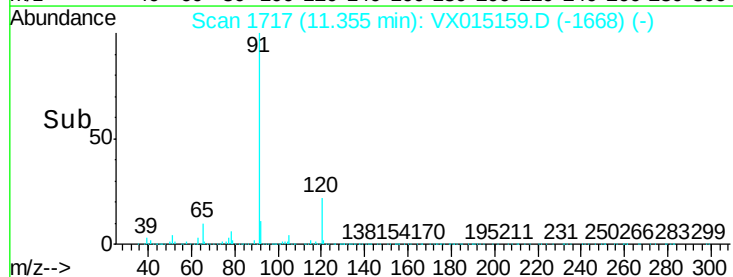
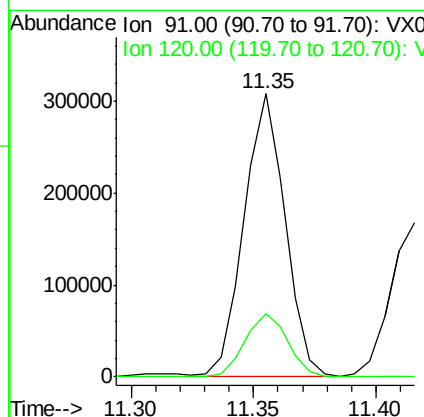
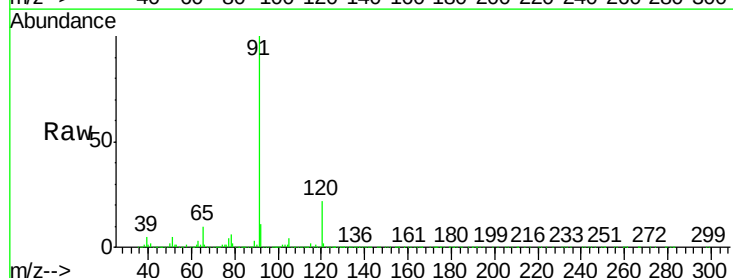
RT: 11.35 min Scan# 1717

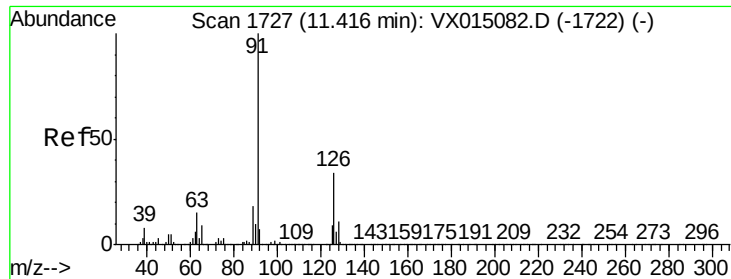
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	91	Resp:	358149
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





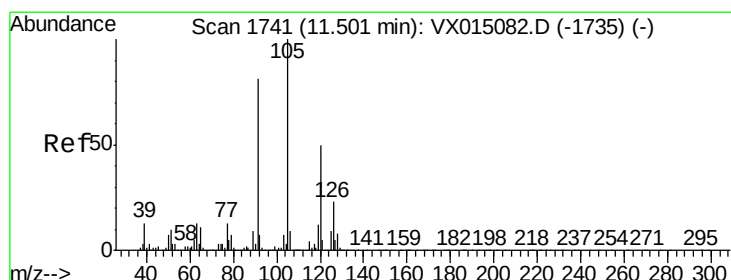
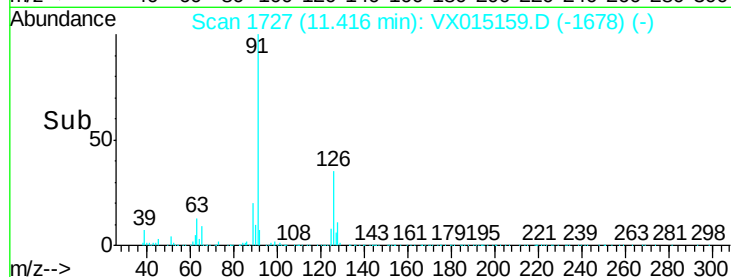
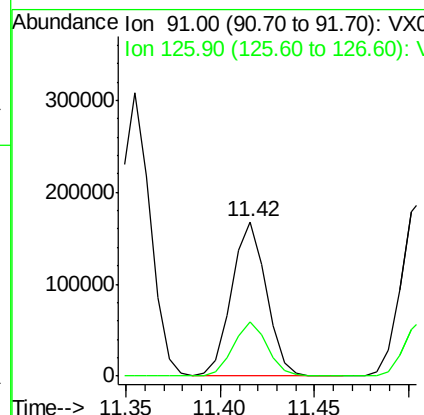
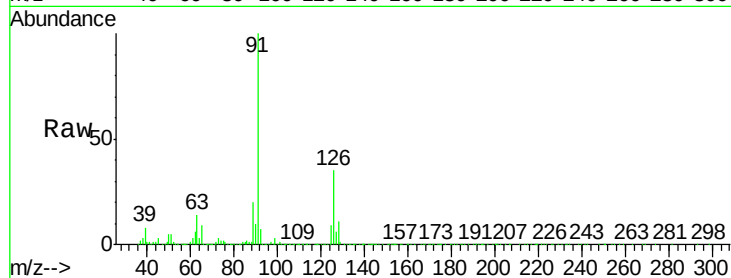
#79
 2-Chlorotoluene
 Concen: 20.496 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	52.0

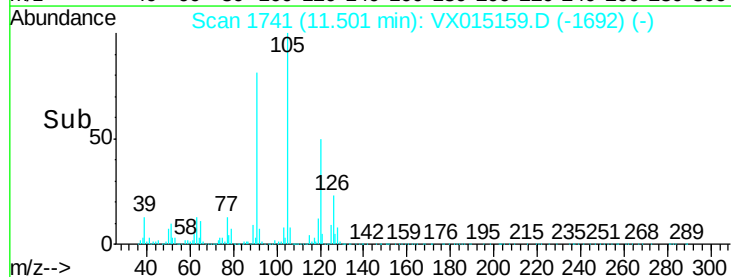
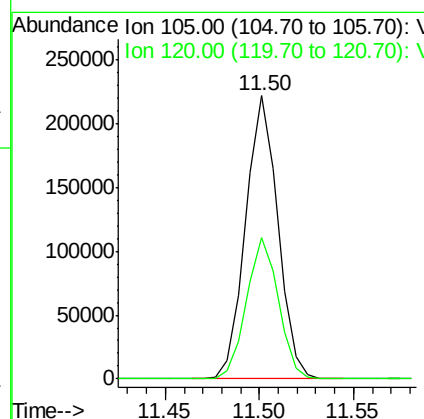
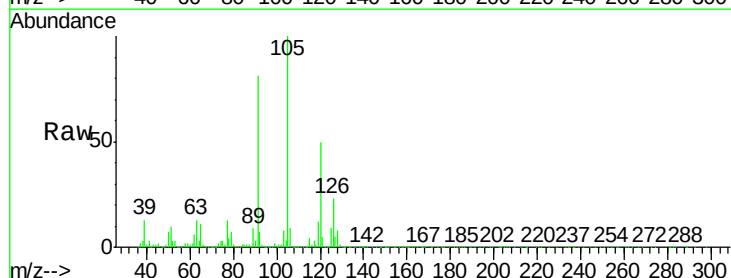
Manual Integrations
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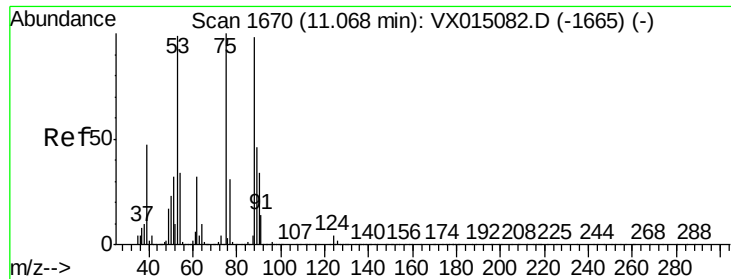
MMDadoda
 3/11/2020 3:21:22 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.890 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.3	25.1	75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.230 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Instrument :

MSVOA_X

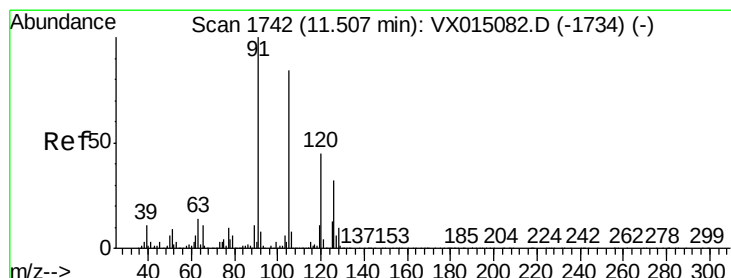
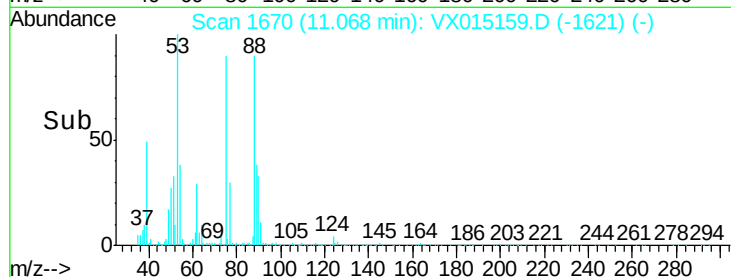
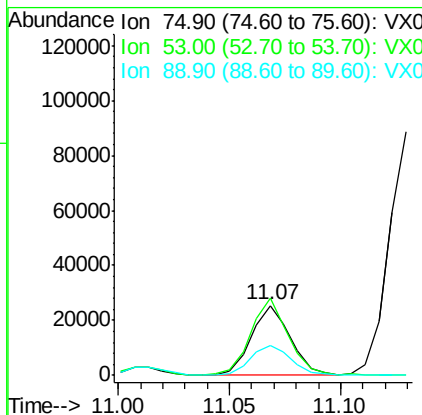
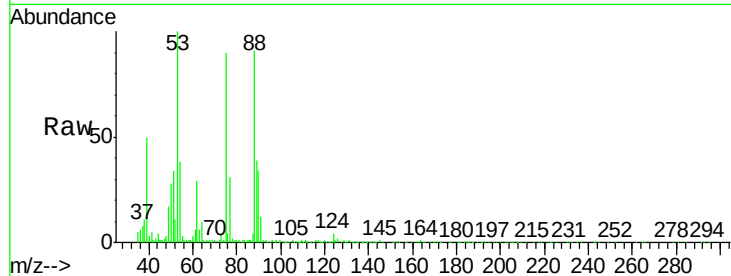
ClientSampleId :

VX0310WBSD01

Tot Ion:	75	Resp:	30420
Ion Ratio	Lower	Upper	
75	100		
53	106.9	77.9	116.9
89	44.3	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.285 ug/l

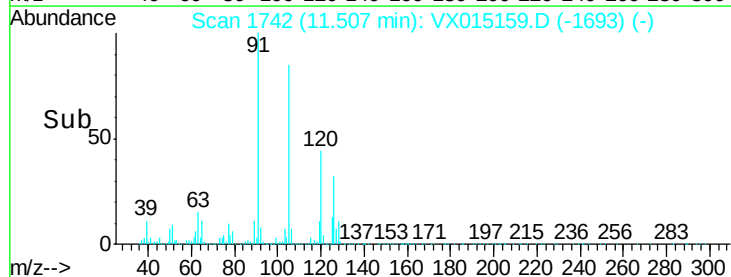
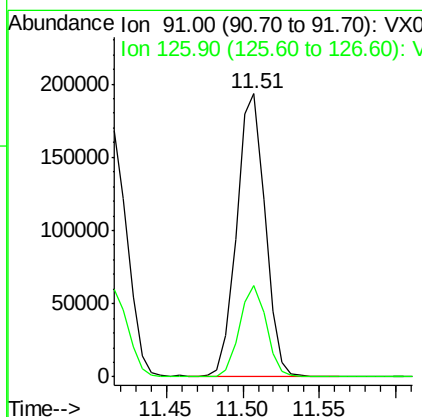
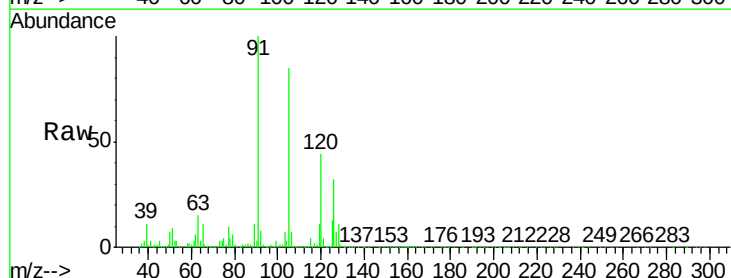
RT: 11.51 min Scan# 1742

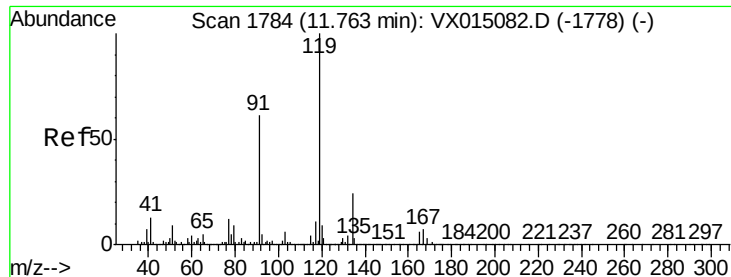
Delta R.T. 0.00 min

Lab File: VX015159.D

Acq: 10 Mar 2020 10:47

Tgt Ion:	91	Resp:	247977
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.4	46.2





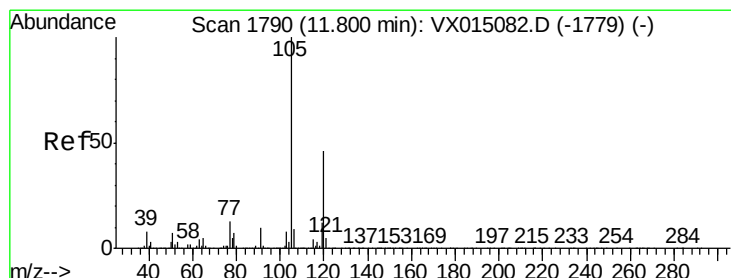
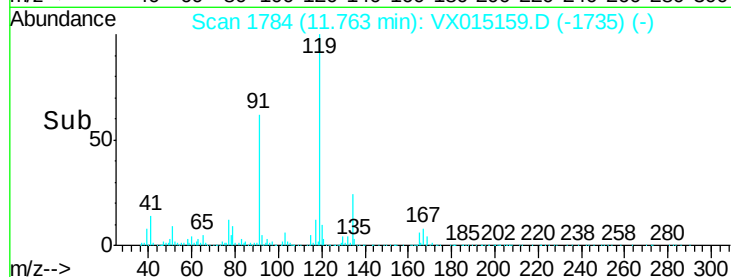
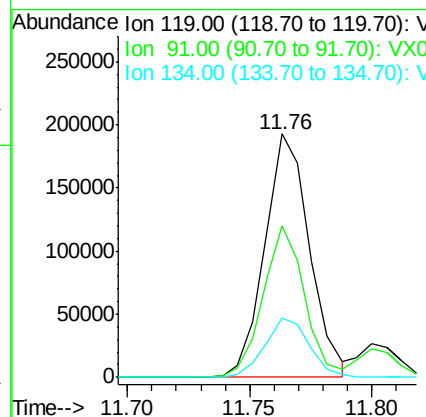
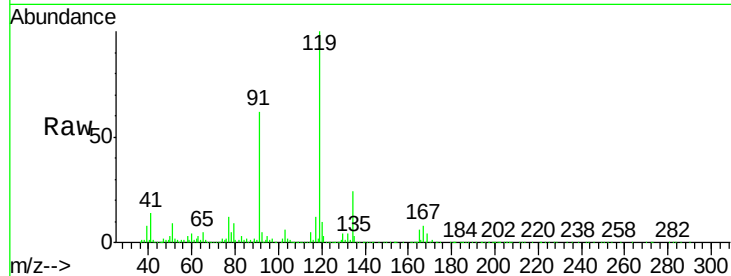
#83
 tert-Butylbenzene
 Concen: 20.207 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0310WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	246681		
91	57.5	28.5	85.6	
134	24.1	11.9	35.7	

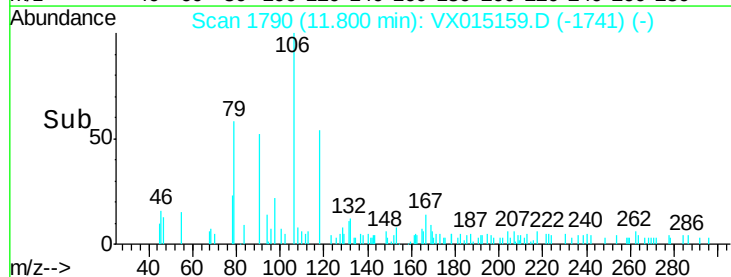
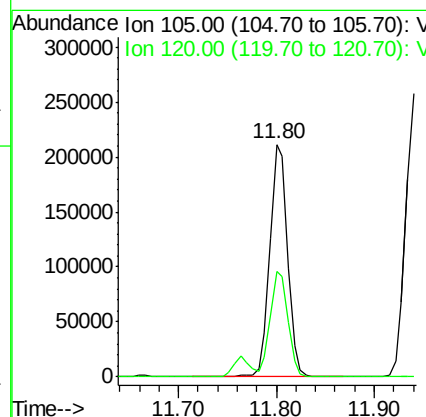
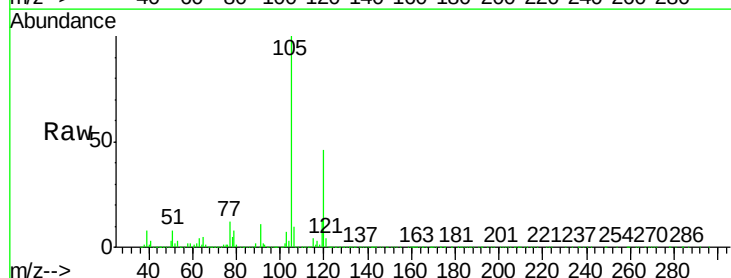
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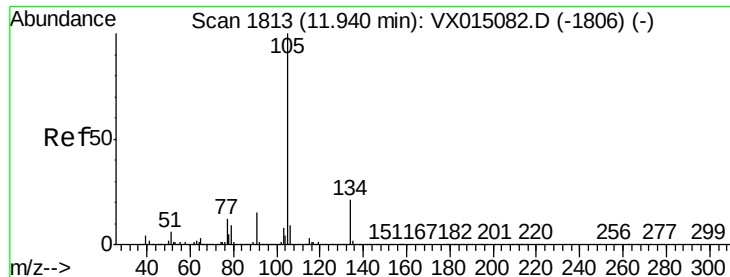
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.931 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265473		
120	45.3	22.9	68.5	





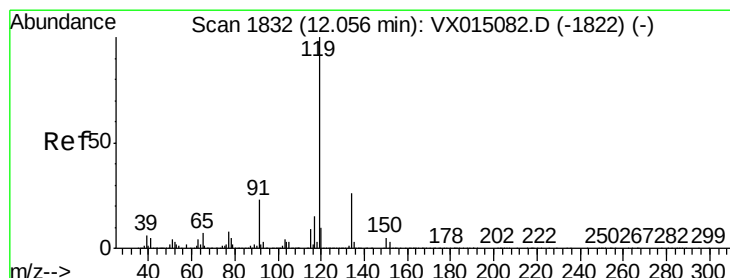
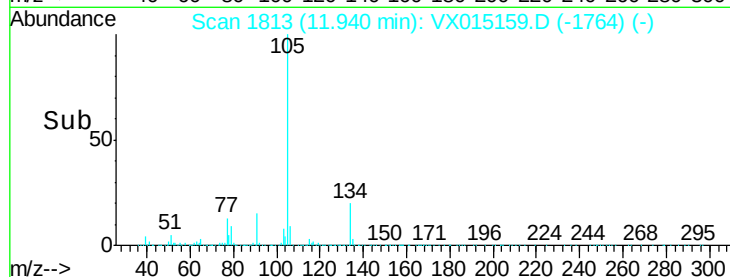
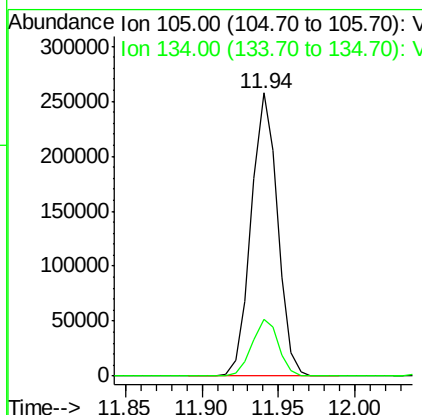
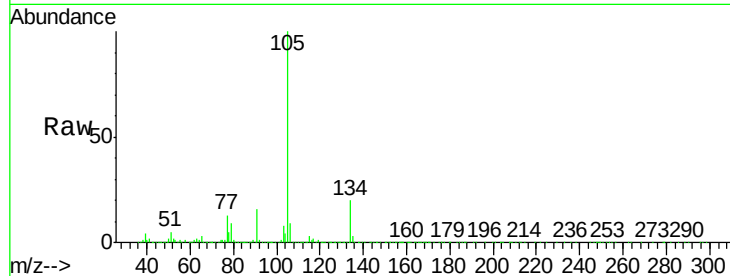
#85
 sec-Butylbenzene
 Concen: 20.892 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.2

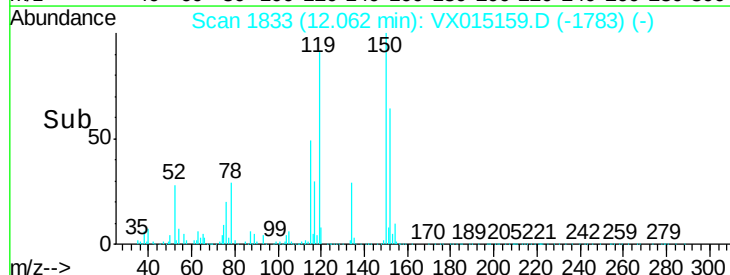
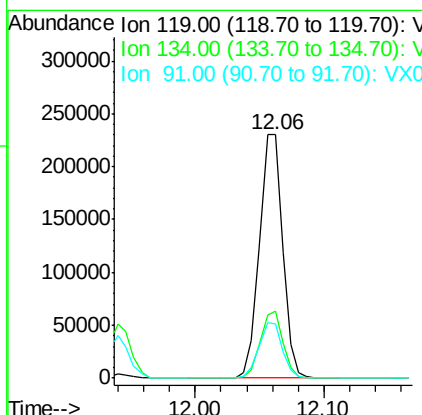
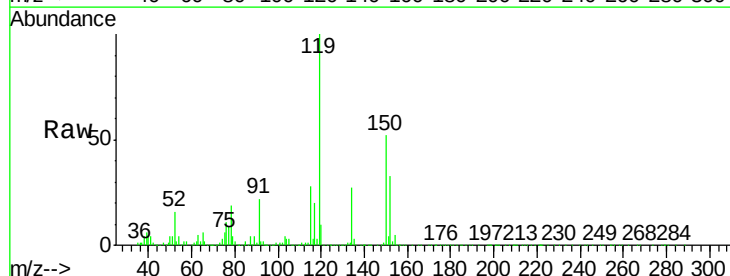
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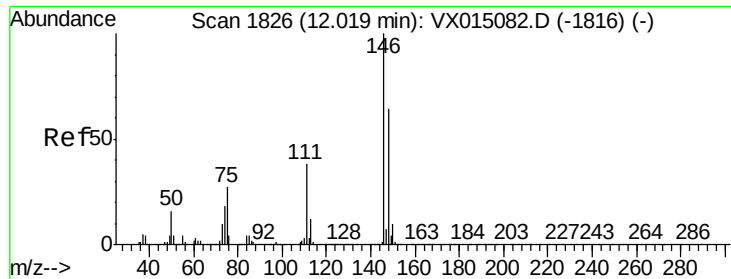
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#86
 p-Isopropyltoluene
 Concen: 21.096 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	22.7	11.3	33.8





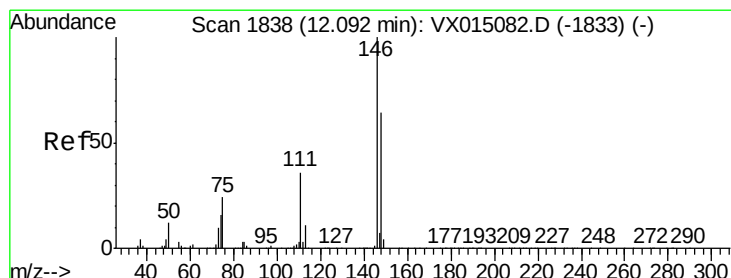
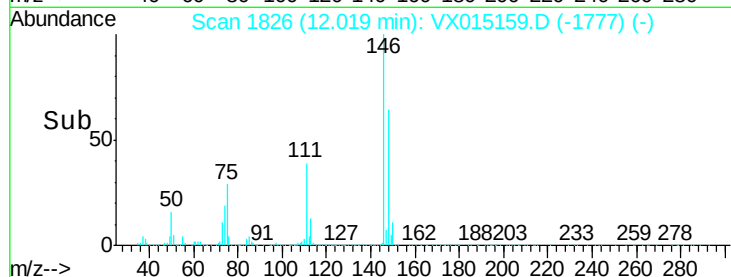
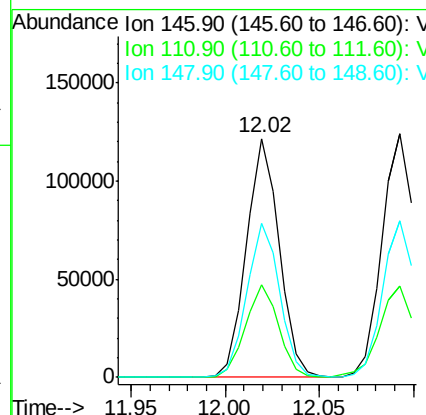
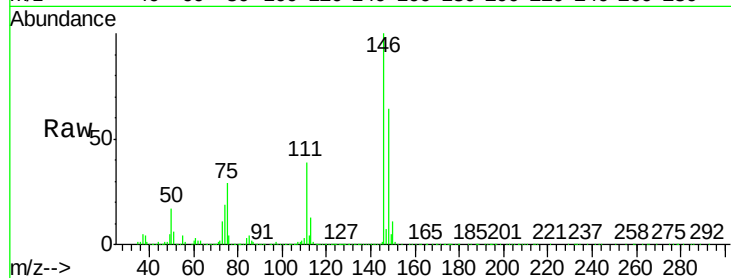
#87
 1,3-Dichlorobenzene
 Concen: 19.762 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	65.0	31.9	95.5

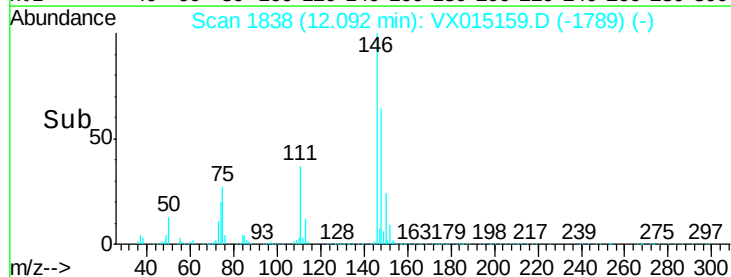
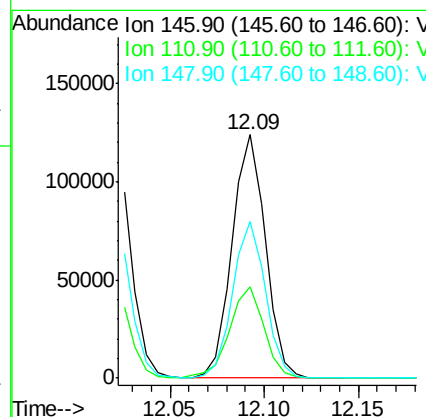
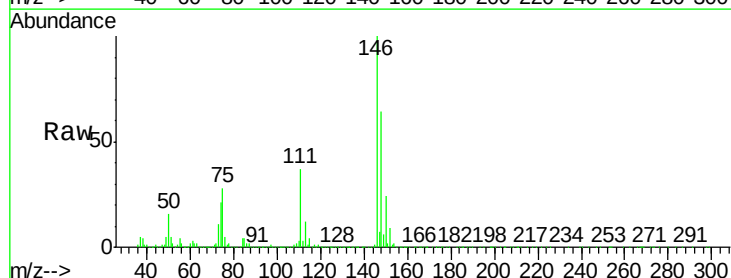
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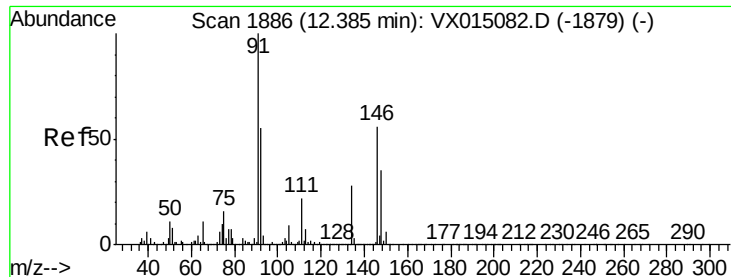
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#88
 1,4-Dichlorobenzene
 Concen: 19.741 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	63.2	32.5	97.4





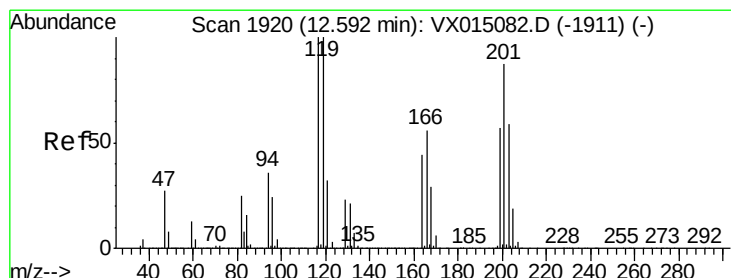
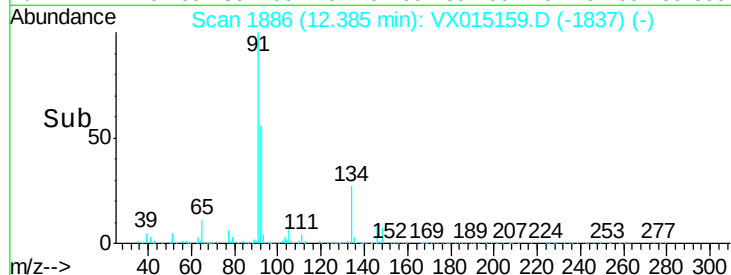
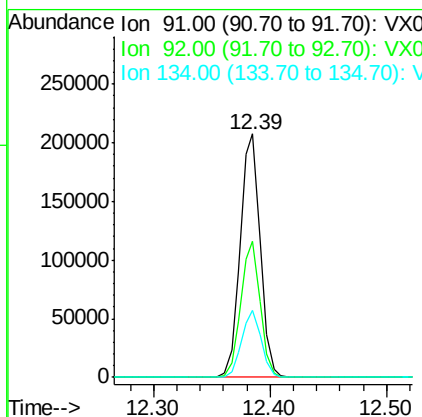
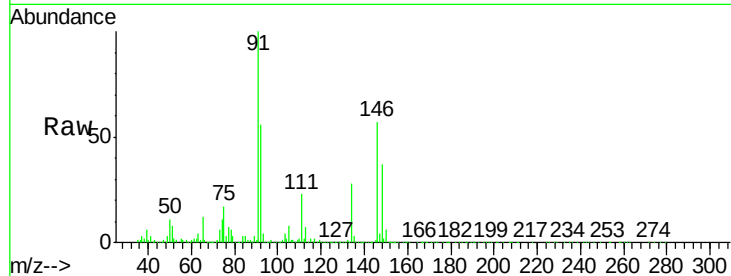
#89
n-Butylbenzene
Concen: 20.548 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.3	13.5	40.5

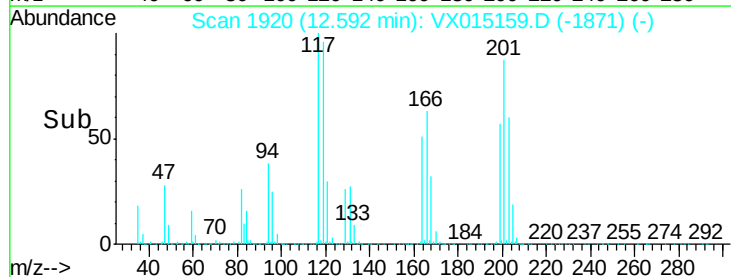
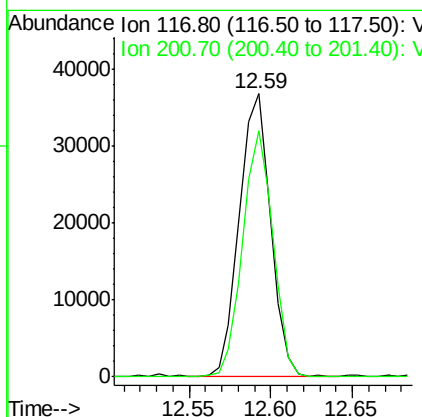
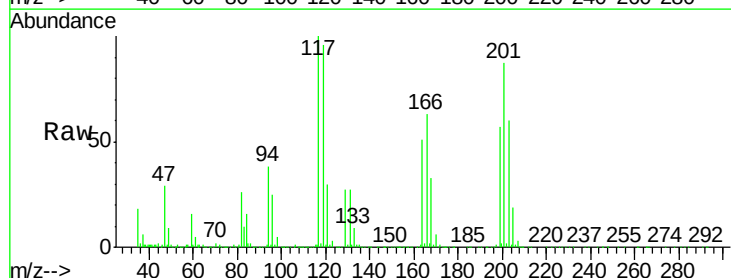
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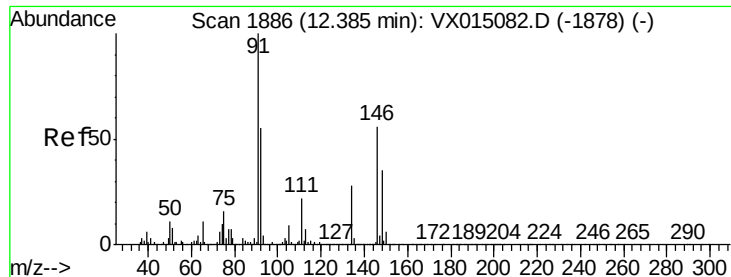
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#90
Hexachloroethane
Concen: 19.343 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	43.5	130.7





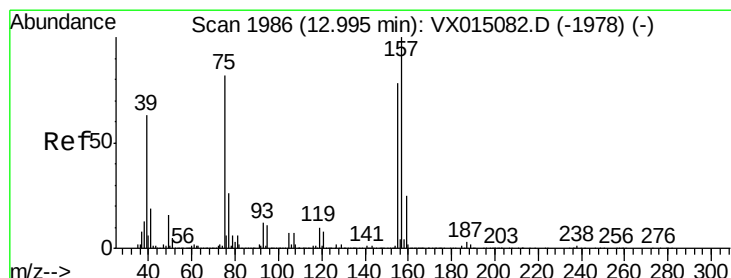
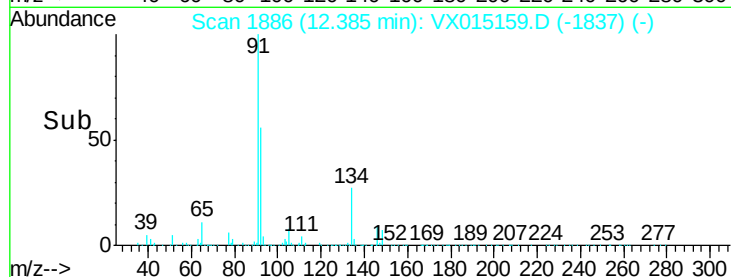
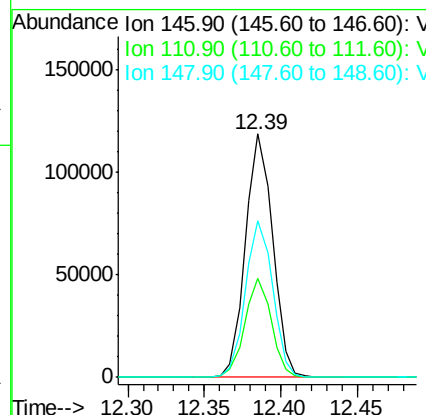
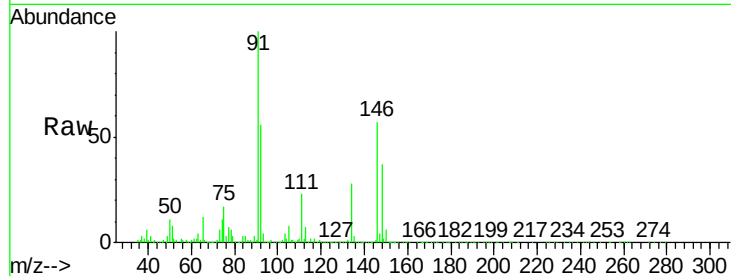
#91
 1,2-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	64.9	32.3	96.8

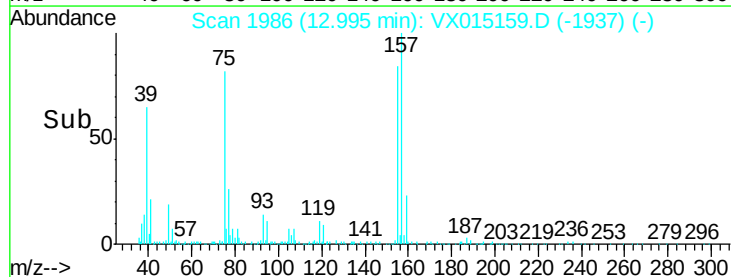
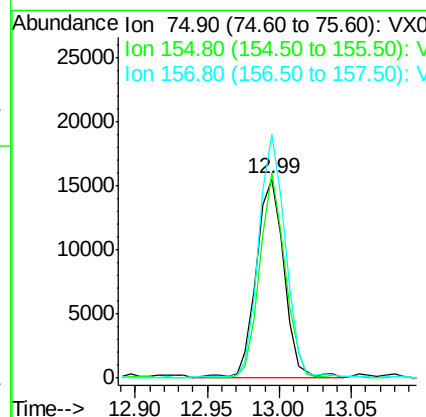
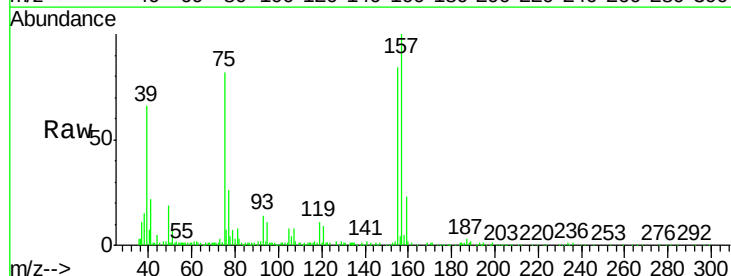
Manual Integrations
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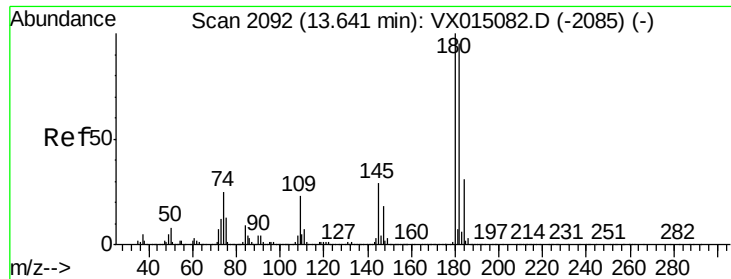
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.543 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	46.6	139.7
157	115.0	59.2	177.5





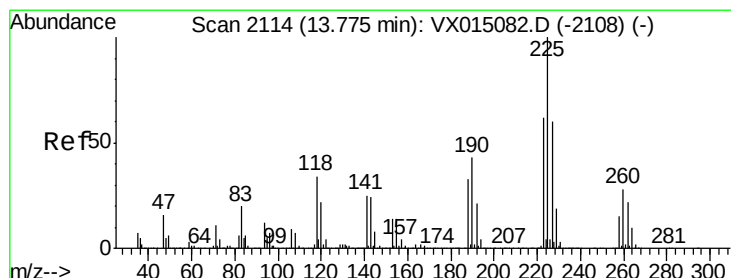
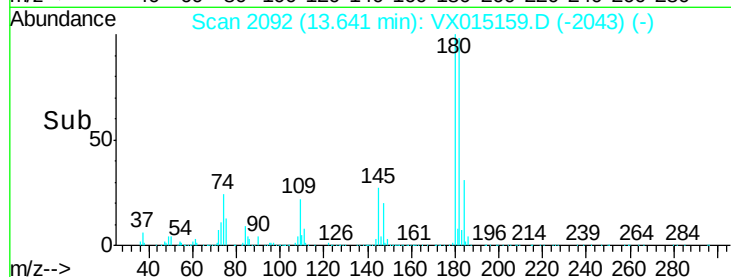
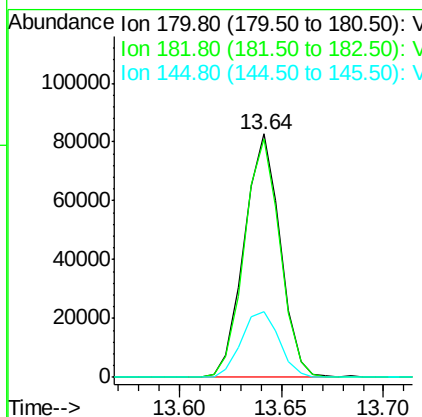
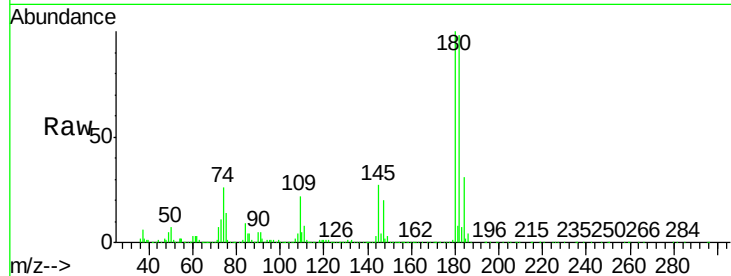
#93
 1,2,4-Trichlorobenzene
 Concen: 19.759 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101318		
182	97.4	47.6	142.8	
145	28.6	14.1	42.2	

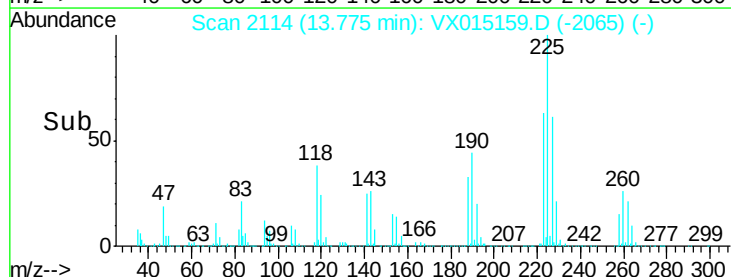
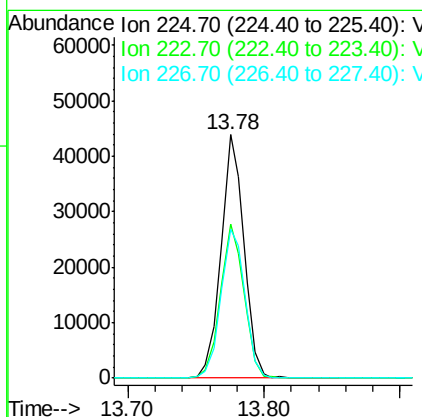
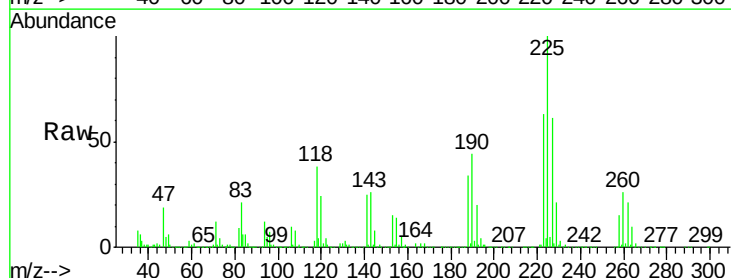
Manual Integrations
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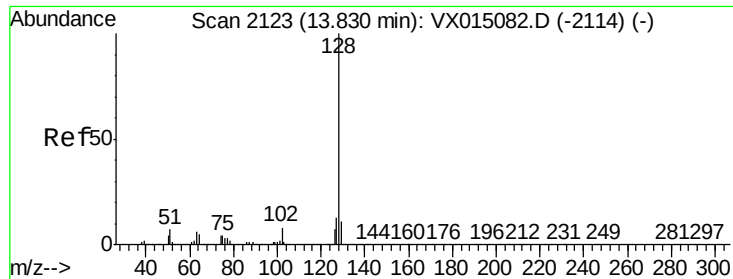
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#94
 Hexachlorobutadiene
 Concen: 19.523 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015159.D
 Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51370		
223	64.9	31.3	93.9	
227	63.8	31.1	93.2	





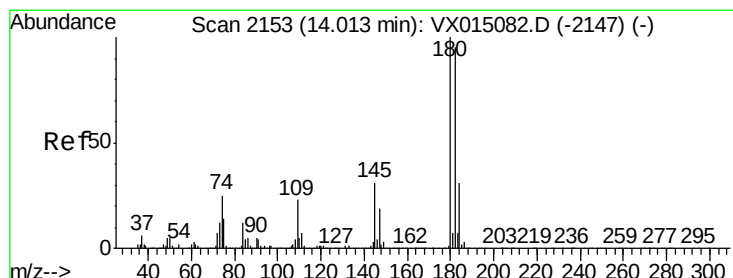
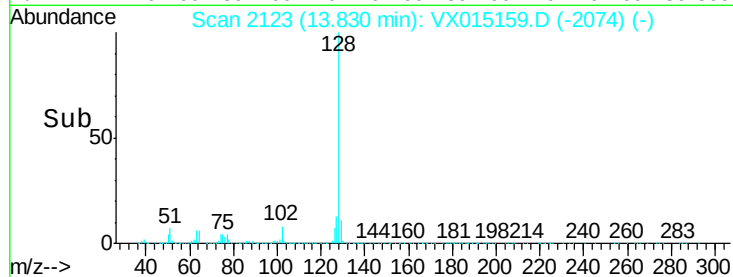
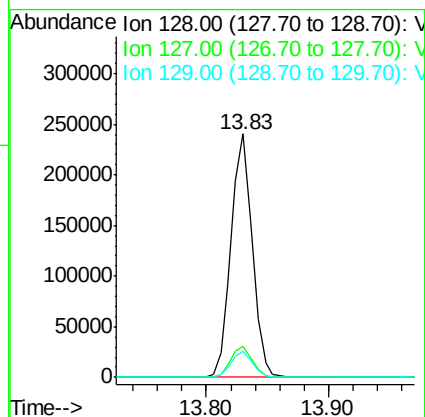
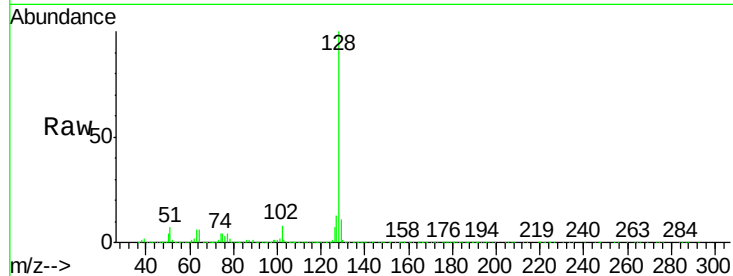
#95
Naphthalene
Concen: 19.183 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:21:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.260 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015159.D
Acq: 10 Mar 2020 10:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	30.0	15.1	45.3

