

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015064.D
 Acq On : 02 Mar 2020 11:24
 Operator : JC/SP
 Sample : VX0302WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:28 AM

Quant Time: Mar 02 16:34:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	376735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	554480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	518283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	213718	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	5.48	113	182923	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.71	98	675669	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	248645	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62021	17.384	ug/l	100
3) Chloromethane	1.32	50	77835	19.243	ug/l	100
4) Vinyl Chloride	1.40	62	76460	17.547	ug/l	94
5) Bromomethane	1.64	94	51220	18.160	ug/l	98
6) Chloroethane	1.72	64	49549	17.772	ug/l	98
7) Trichlorofluoromethane	1.93	101	98941	16.252	ug/l	100
8) Diethyl Ether	2.18	74	47918	18.981	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68112	19.274	ug/l	98
10) Methyl Iodide	2.50	142	69882	20.557	ug/l	99
11) Tert butyl alcohol	3.01	59	80688	107.483	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64469	18.670	ug/l	96
13) Acrolein	2.28	56	42526	74.325	ug/l	100
14) Allyl chloride	2.72	41	118434	19.345	ug/l	96
15) Acrylonitrile	3.12	53	210969	110.856	ug/l	99
16) Acetone	2.43	43	198793	79.591	ug/l	97
17) Carbon Disulfide	2.56	76	154866	16.051	ug/l	99
18) Methyl Acetate	2.76	43	103809	24.242	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	232500	20.688	ug/l	100
20) Methylene Chloride	2.85	84	77029	18.833	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	70033	18.380	ug/l	98
22) Diisopropyl ether	3.84	45	254701	21.782	ug/l	98
23) Vinyl Acetate	3.80	43	1049484	108.876	ug/l	99
24) 1,1-Dichloroethane	3.69	63	131944	19.993	ug/l	98
25) 2-Butanone	4.65	43	294636	101.789	ug/l	99
26) 2,2-Dichloropropane	4.57	77	105498	18.550	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	83402	19.581	ug/l	99
28) Bromochloromethane	5.01	49	62289	24.351	ug/l	93
29) Tetrahydrofuran	5.11	42	182235	110.749	ug/l	98
30) Chloroform	5.20	83	129838	19.830	ug/l	97
31) Cyclohexane	5.57	56	114848	19.107	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	108054	18.866	ug/l	99
36) 1,1-Dichloropropene	5.79	75	95099	19.173	ug/l	99
37) Ethyl Acetate	4.81	43	111784	21.608	ug/l	99
38) Carbon Tetrachloride	5.77	117	92179	19.070	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	111958	18.048	ug/l	95
40) Benzene	6.13	78	293147	19.781	ug/l	99
41) Methacrylonitrile	5.02	41	60819	21.823	ug/l	99
42) 1,2-Dichloroethane	6.18	62	105759	19.745	ug/l	100
43) Isopropyl Acetate	6.43	43	180169	21.112	ug/l	99
44) Trichloroethene	7.20	130	79547	18.490	ug/l	96
45) 1,2-Dichloropropane	7.50	63	81640	21.601	ug/l	98
46) Dibromomethane	7.65	93	51827	20.061	ug/l	96
47) Bromodichloromethane	7.89	83	100586	19.636	ug/l	100
48) Methyl methacrylate	7.76	41	88540	21.082	ug/l	98
49) 1,4-Dioxane	7.73	88	33804	430.498	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	572333	111.069	ug/l	100
52) Toluene	8.78	92	183168	19.460	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	109829	19.564	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	121528	19.596	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	79374	20.843	ug/l	97
56) Ethyl methacrylate	9.17	69	117182	20.472	ug/l	100
57) 1,3-Dichloropropane	9.36	76	133712	20.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	325182	108.629	ug/l	98
59) 2-Hexanone	9.48	43	433033	106.915	ug/l	100
60) Dibromochloromethane	9.57	129	80381	19.614	ug/l	95
61) 1,2-Dibromoethane	9.67	107	81005	19.715	ug/l	100
64) Tetrachloroethene	9.33	164	80907	16.697	ug/l	98
65) Chlorobenzene	10.13	112	202943	19.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	76456	20.034	ug/l	99
67) Ethyl Benzene	10.25	91	349879	19.570	ug/l	99
68) m/p-Xylenes	10.36	106	268243	38.948	ug/l	99
69) o-Xylene	10.69	106	128096	19.349	ug/l	100
70) Styrene	10.71	104	222868	19.899	ug/l	99
71) Bromoform	10.85	173	62104	19.496	ug/l #	98
73) Isopropylbenzene	11.01	105	344275	20.141	ug/l	100
74) N-amyl acetate	10.89	43	149505	21.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	121871	21.811	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	101961m	20.686	ug/l	
77) Bromobenzene	11.25	156	92554	19.399	ug/l	99
78) n-propylbenzene	11.35	91	399586	20.211	ug/l	99
79) 2-Chlorotoluene	11.42	91	228414	19.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	280125	19.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36487	18.948	ug/l	95
82) 4-Chlorotoluene	11.51	91	264275	19.200	ug/l	99
83) tert-Butylbenzene	11.76	119	271862	20.101	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	284720	19.781	ug/l	99
85) sec-Butylbenzene	11.94	105	340234	20.250	ug/l	100
86) p-Isopropyltoluene	12.06	119	310601	19.755	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	164722	19.245	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	164941	18.871	ug/l	99
89) n-Butylbenzene	12.39	91	248150	17.622	ug/l	99
90) Hexachloroethane	12.59	117	49522	18.036	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	149744	17.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23579	17.987	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	112088	18.092	ug/l	99
94) Hexachlorobutadiene	13.78	225	58212	19.426	ug/l	95
95) Naphthalene	13.83	128	337037	20.461	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114901	19.196	ug/l	98

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

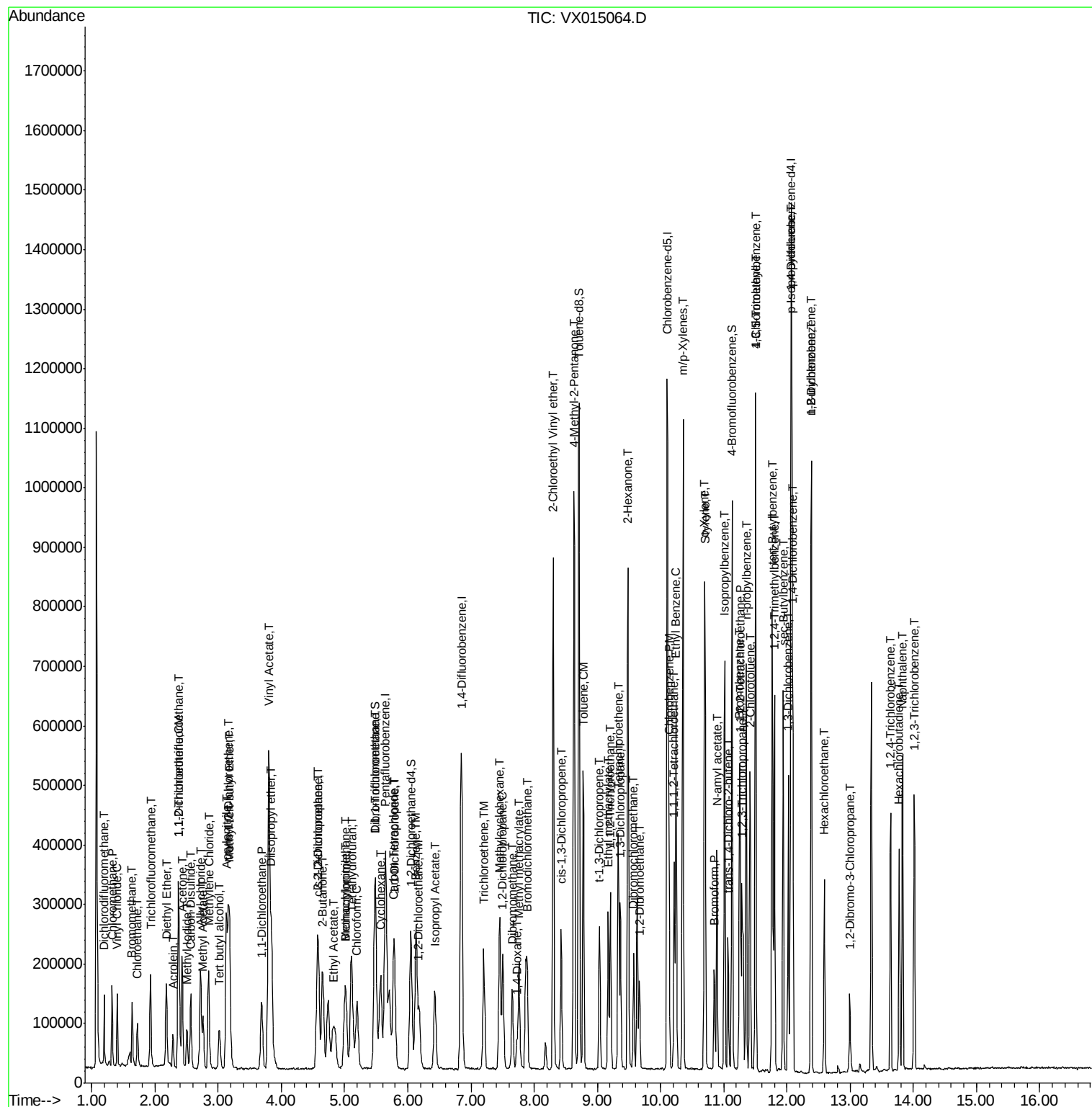
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Data File : VX015064.D
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Sample : VX0302WBSD01
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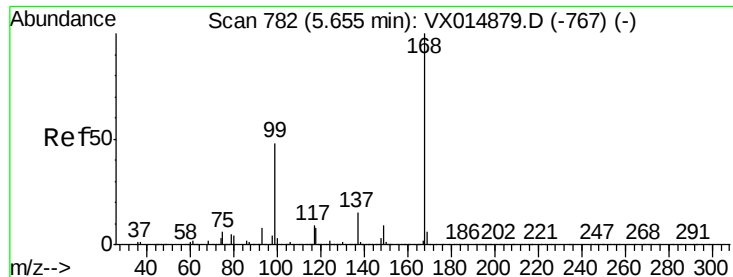
Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion:168 Resp: 376735

Ion Ratio Lower Upper

168 100

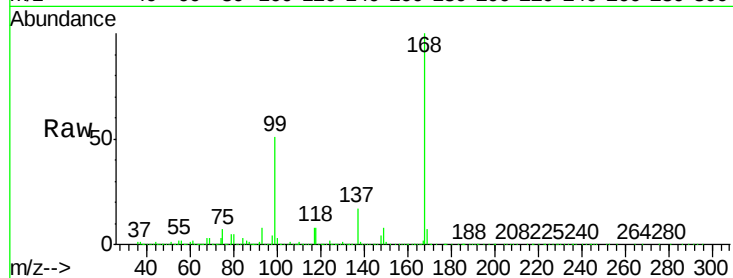
99 50.7 38.7 58.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

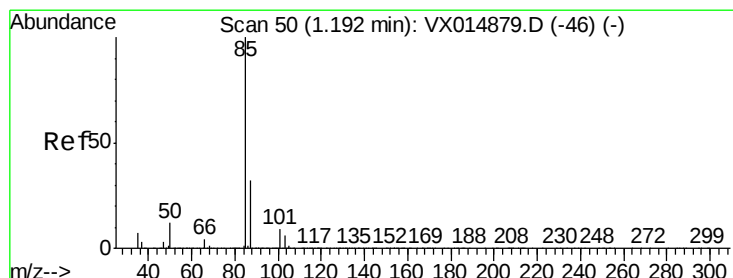
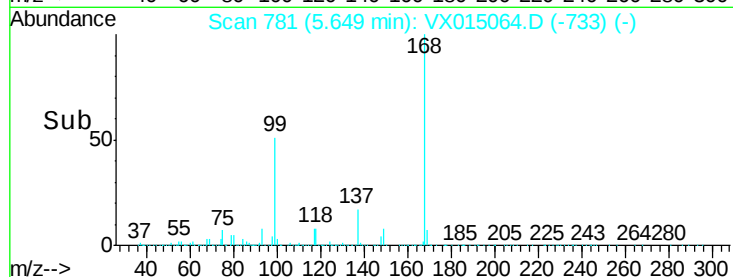
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.384 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015064.D

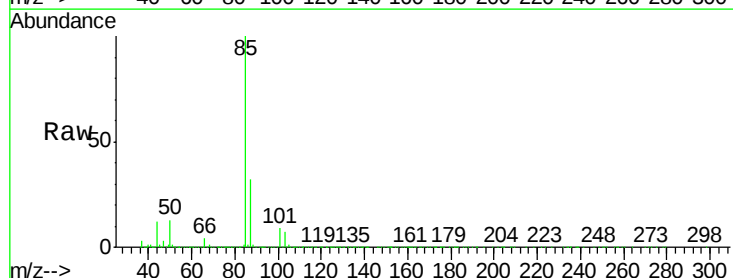
Acq: 02 Mar 2020 11:24

Tgt Ion: 85 Resp: 62021

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

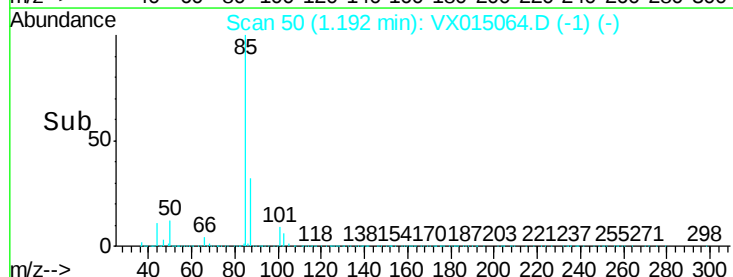
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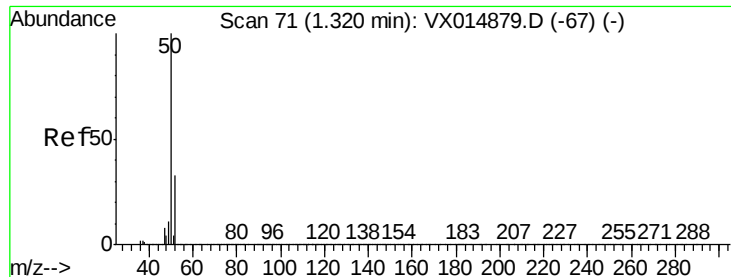
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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.243 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 50 Resp: 77835

Ion Ratio Lower Upper

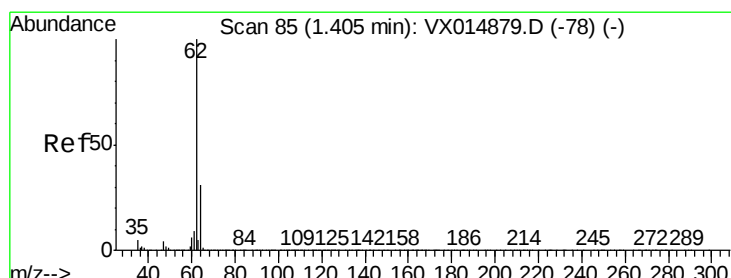
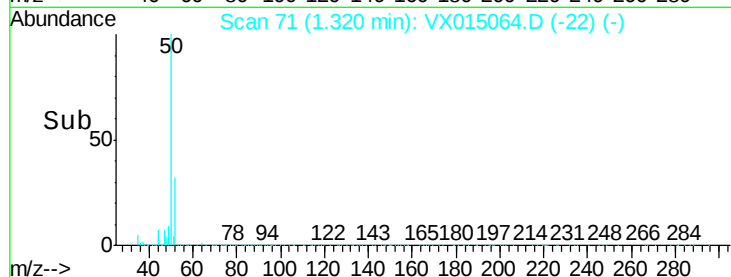
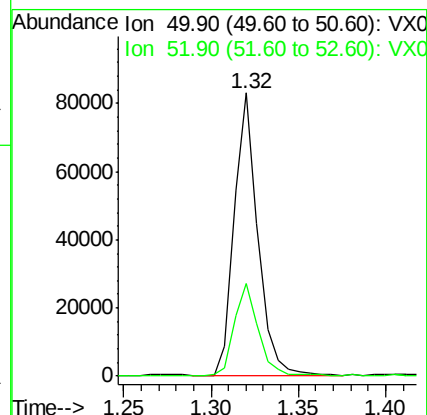
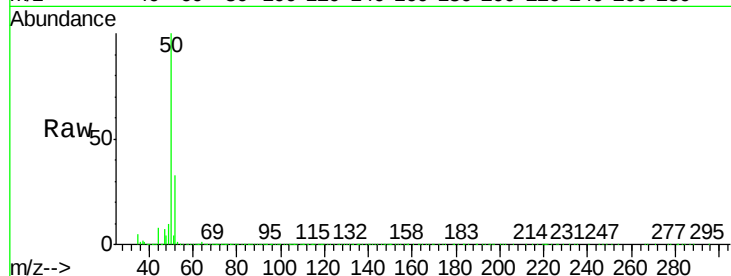
50 100

52 32.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 17.547 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015064.D

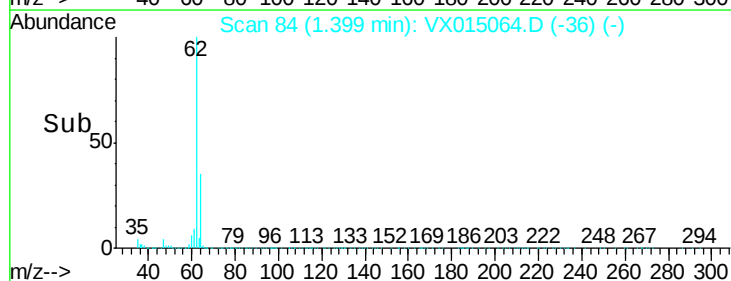
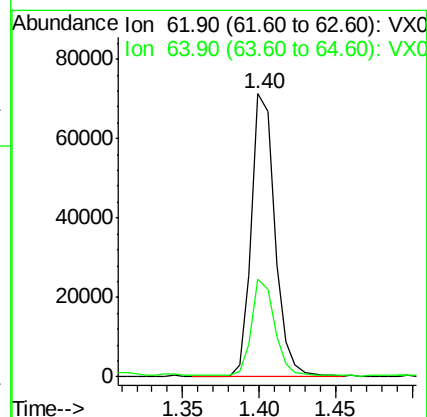
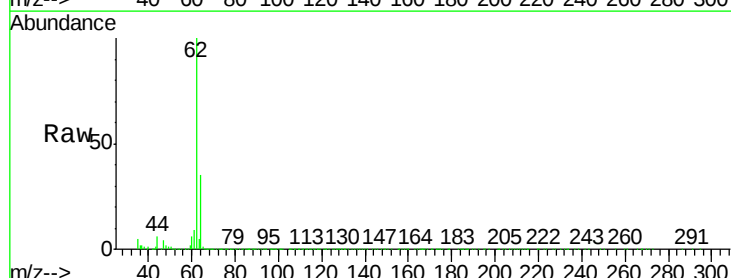
Acq: 02 Mar 2020 11:24

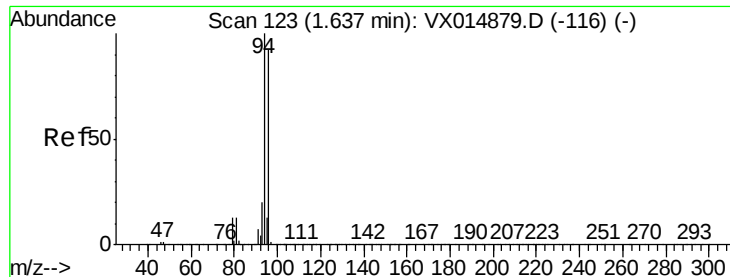
Tgt Ion: 62 Resp: 76460

Ion Ratio Lower Upper

62 100

64 34.1 24.8 37.2





#5

Bromomethane

Concen: 18.160 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

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ClientSampleId :

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Tot Ion: 94 Resp: 51220

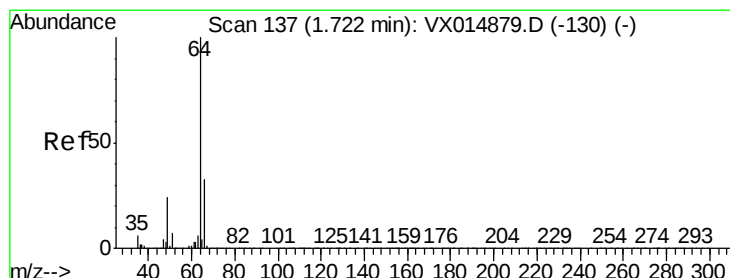
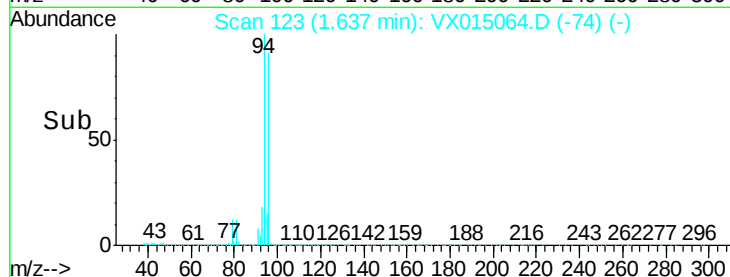
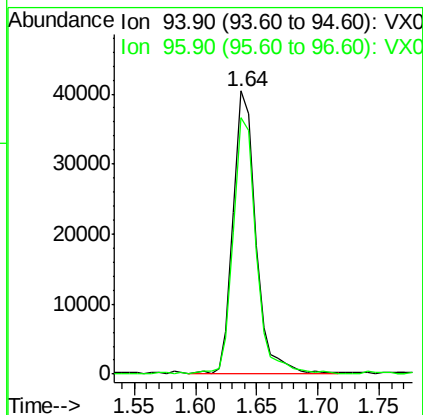
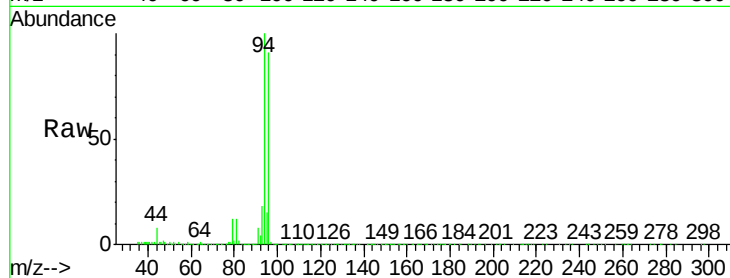
Ion Ratio Lower Upper

94 100

96 90.7 73.7 110.5

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#6

Chloroethane

Concen: 17.772 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015064.D

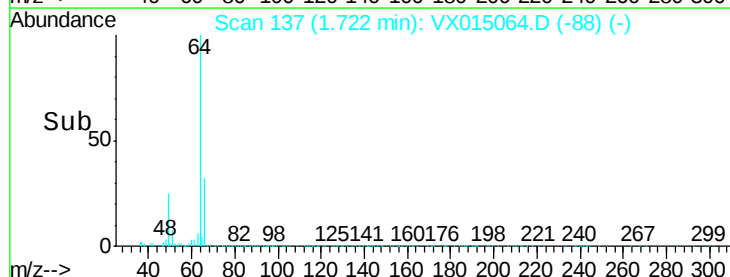
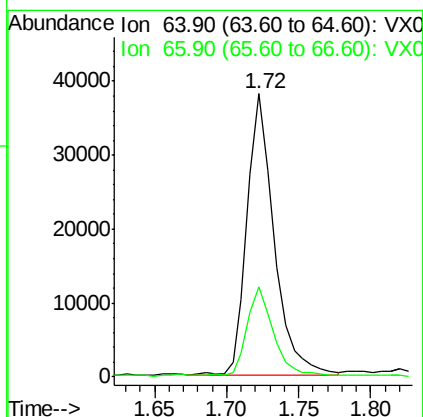
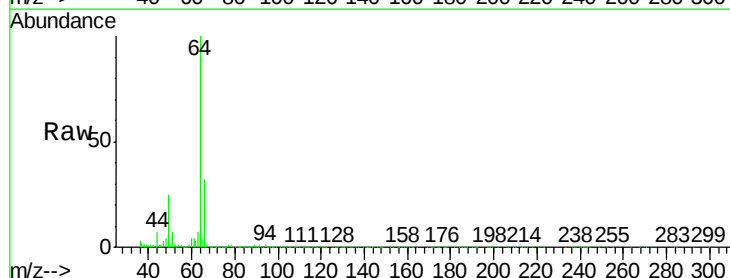
Acq: 02 Mar 2020 11:24

Tgt Ion: 64 Resp: 49549

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4





#7

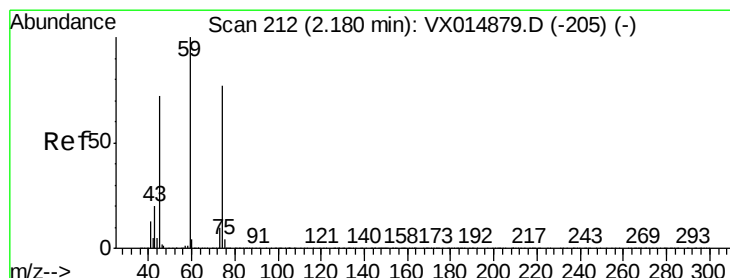
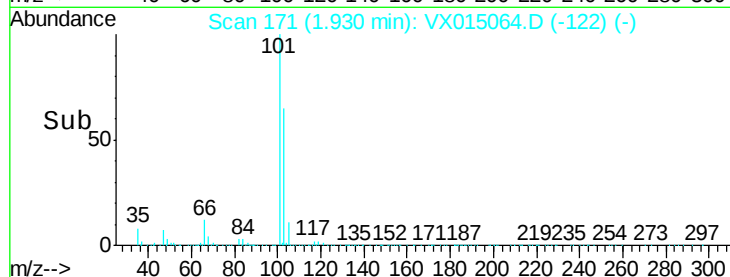
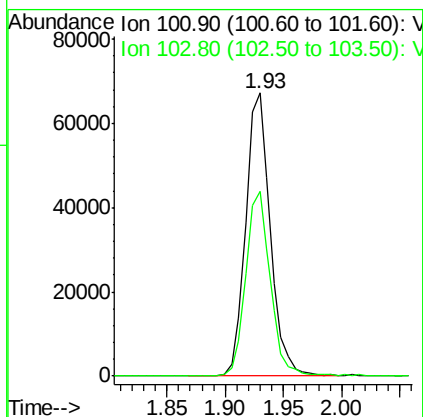
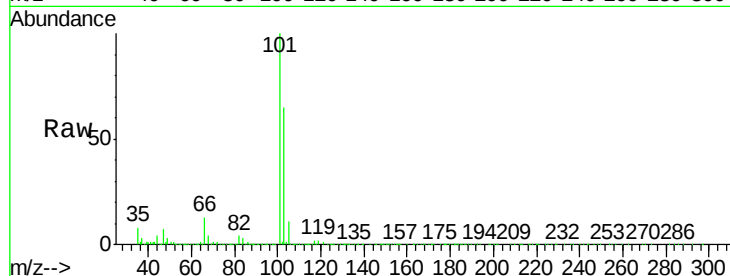
Trichlorofluoromethane
Concen: 16.252 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

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ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

Manual Integrations
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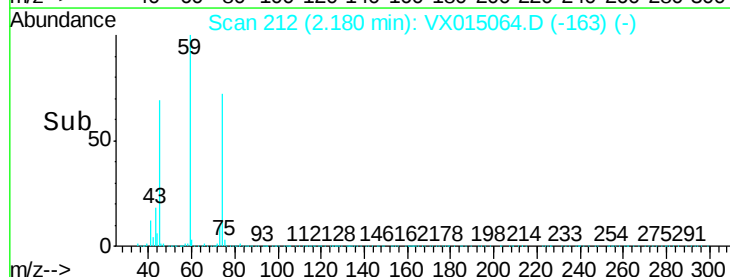
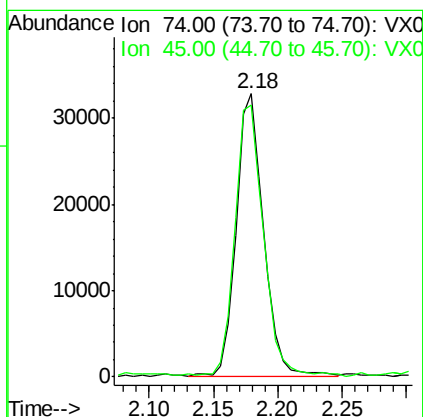
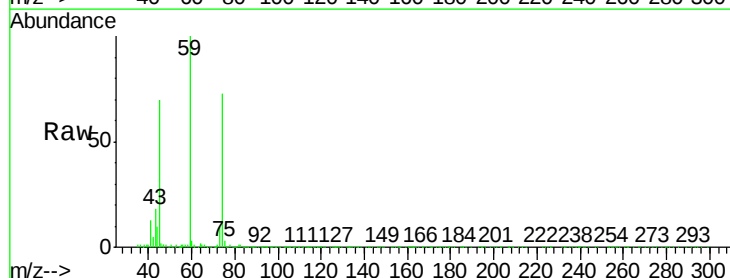
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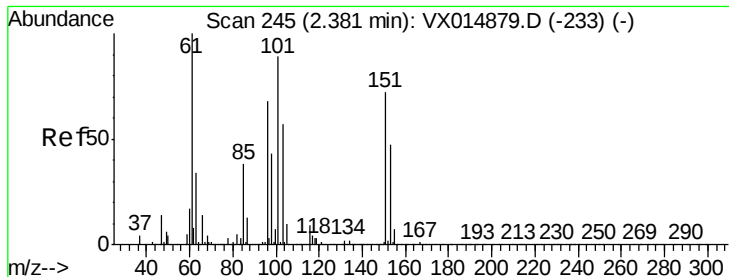


#8

Diethyl Ether
Concen: 18.981 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.274 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

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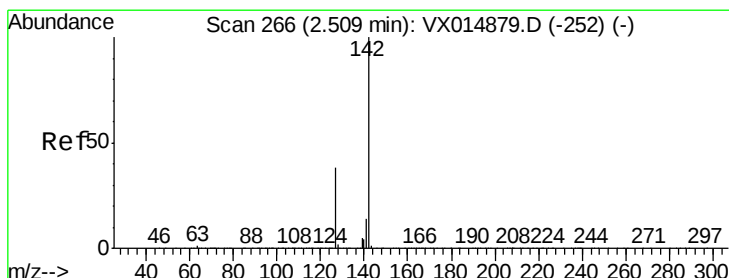
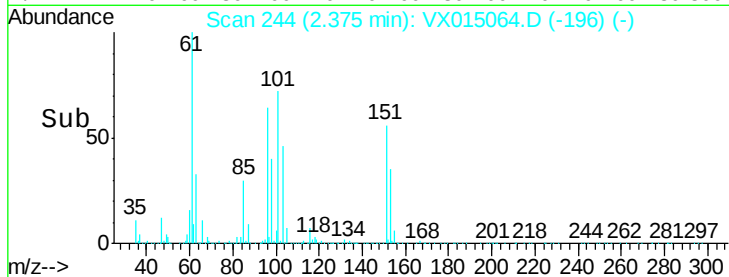
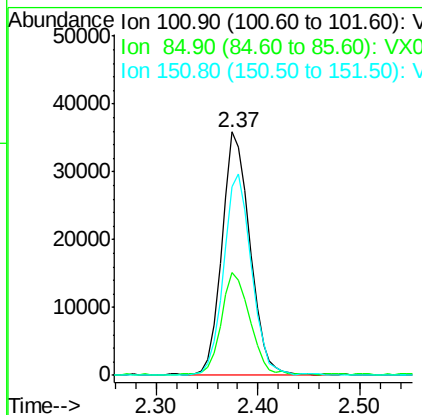
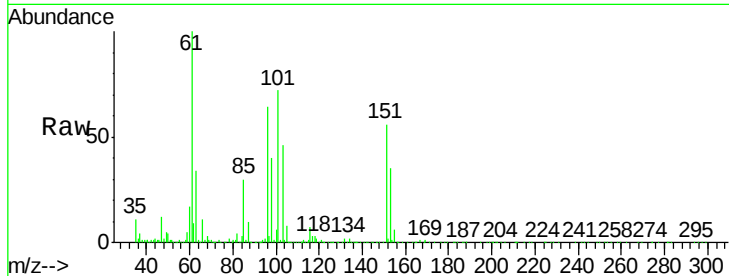
ClientSampleId :

VX0302WBSD01

Tot Ion:	101	Resp:	68112
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.1	51.1
151	82.4	67.3	100.9

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#10

Methyl Iodide

Concen: 20.557 ug/l

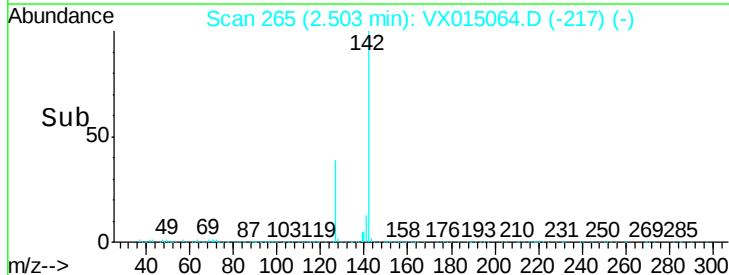
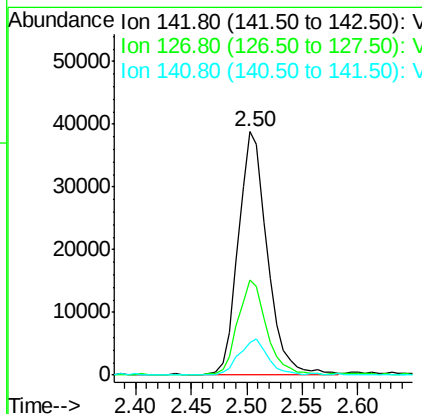
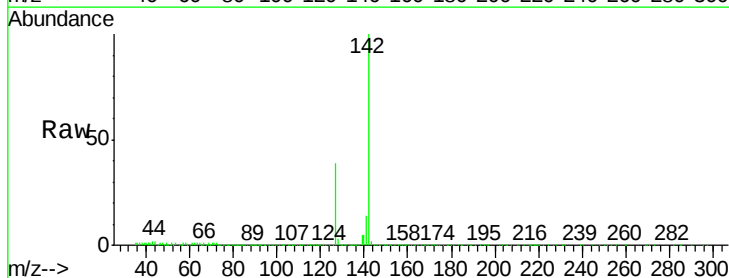
RT: 2.50 min Scan# 265

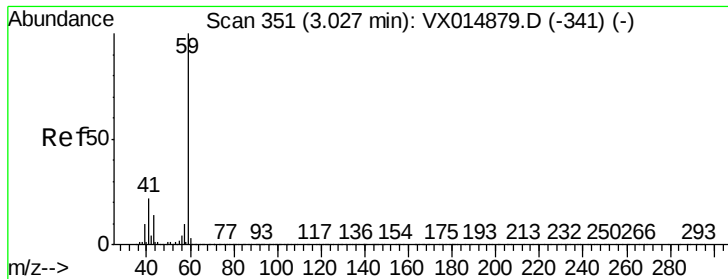
Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	142	Resp:	69882
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.1	46.7
141	14.7	11.3	16.9





#11

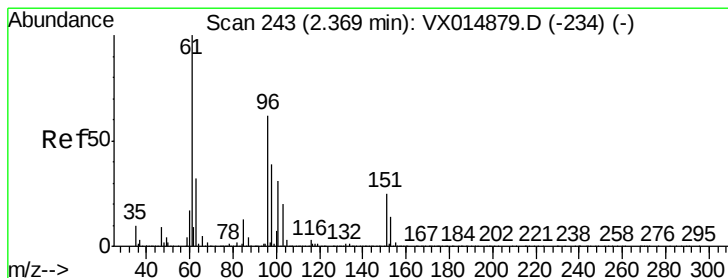
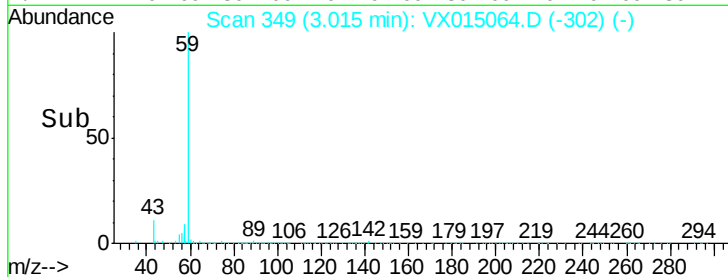
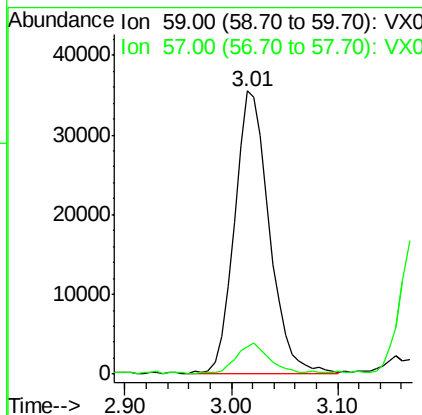
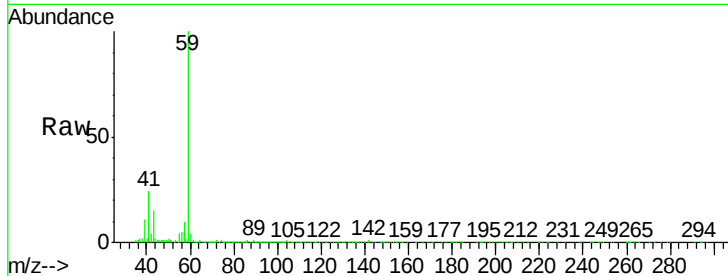
Tert butyl alcohol
Concen: 107.483 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.2	12.4

Manual Integrations
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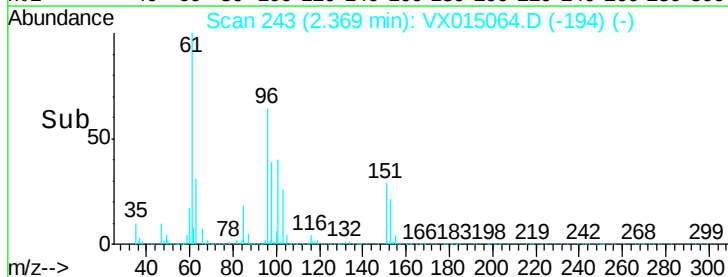
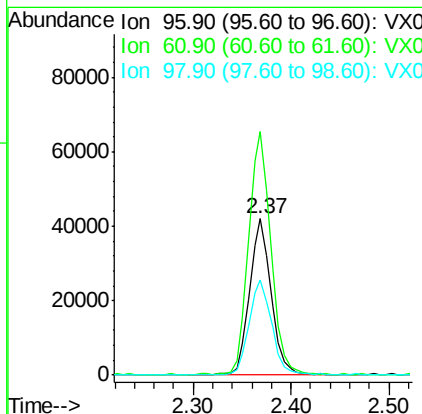
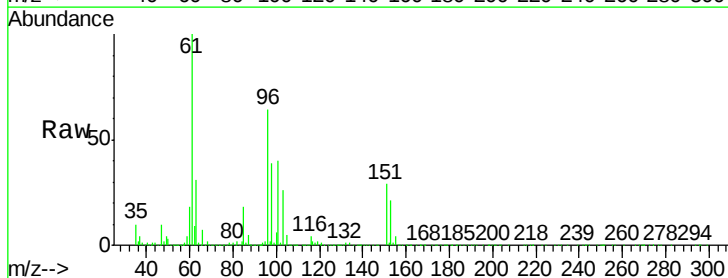
MMDadoda
3/3/2020 9:51:28 AM

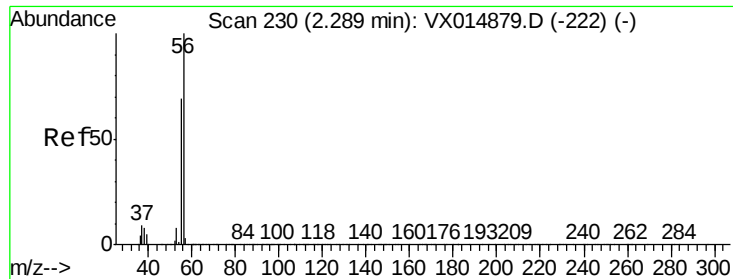


#12

1,1-Dichloroethene
Concen: 18.670 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	129.5	194.3
98	60.7	50.6	76.0





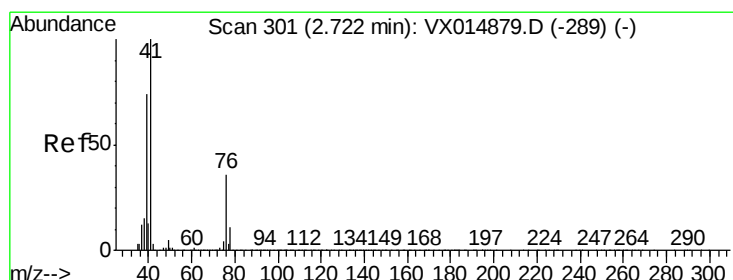
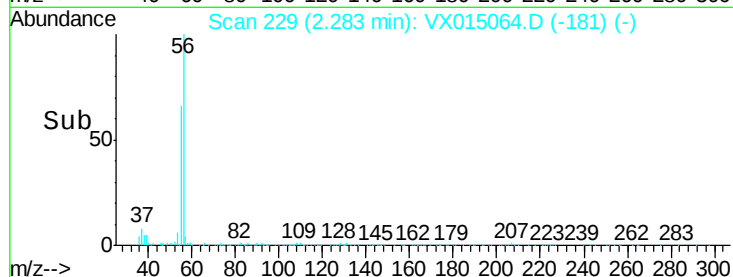
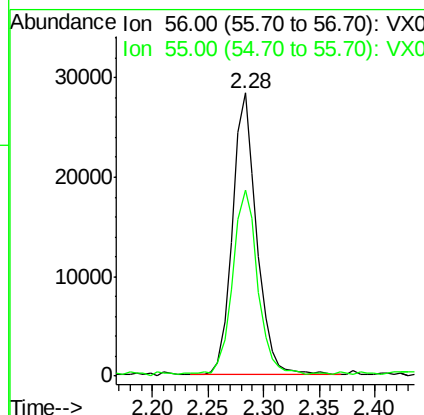
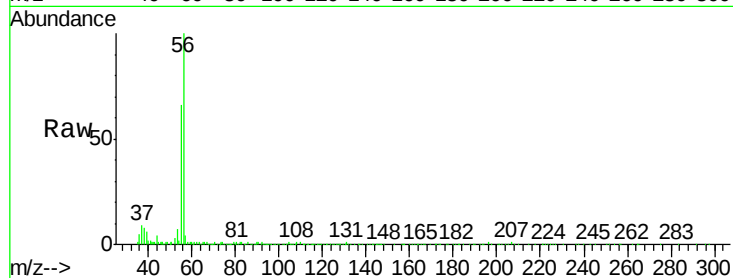
#13
Acrolein
Concen: 74.325 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	68.5	55.0	82.4

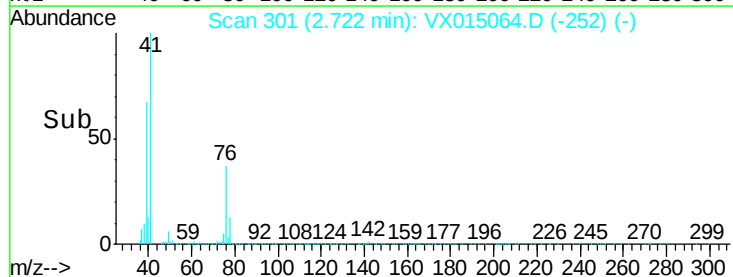
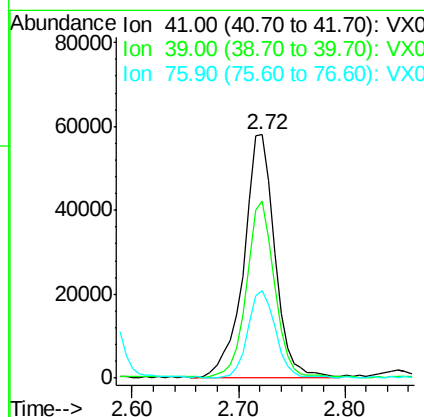
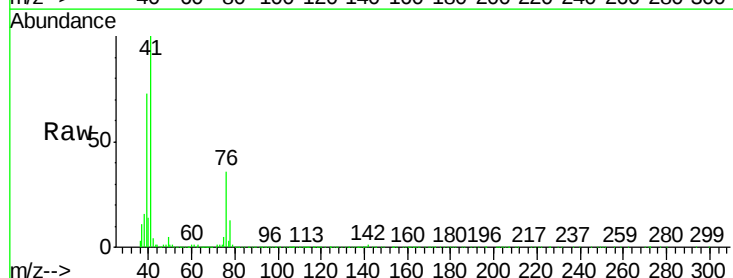
Manual Integrations
APPROVED

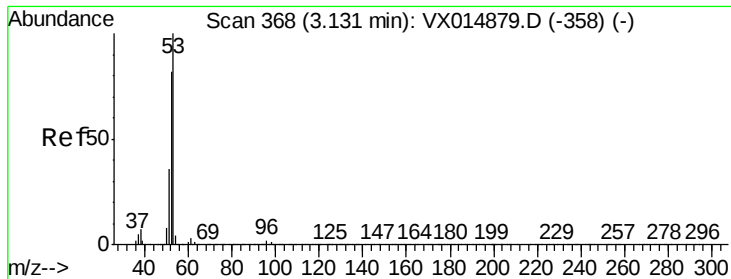
MMDadoda
3/3/2020 9:51:28 AM



#14
Allyl chloride
Concen: 19.345 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.8	55.2	82.8
76	76	31.8	26.8	40.2





#15

Acrylonitrile

Concen: 110.856 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

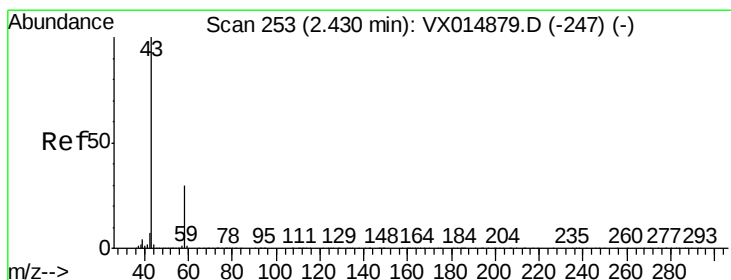
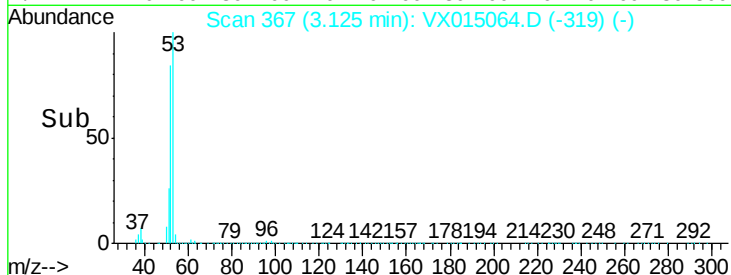
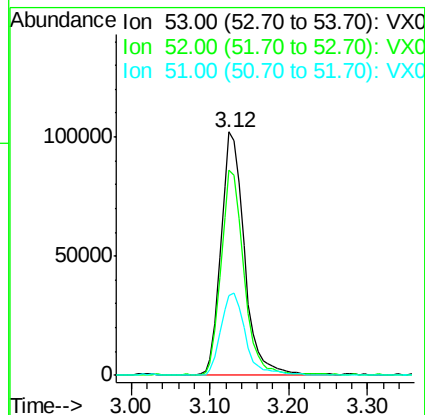
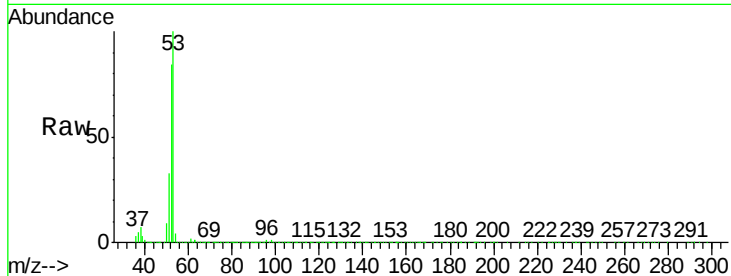
ClientSampleId :

VX0302WBSD01

Tot Ion:	53	Resp:	210969
Ion Ratio		Lower	Upper
53	100		
52	81.8	65.8	98.6
51	35.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 79.591 ug/l

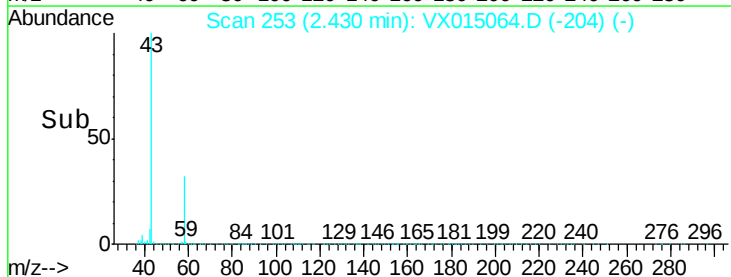
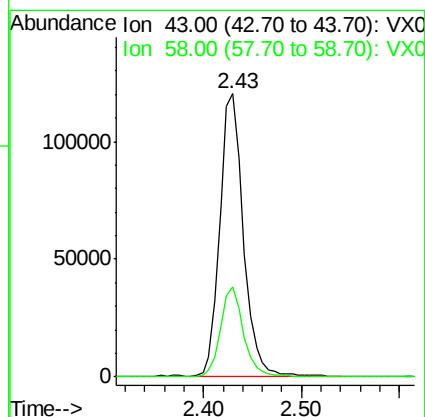
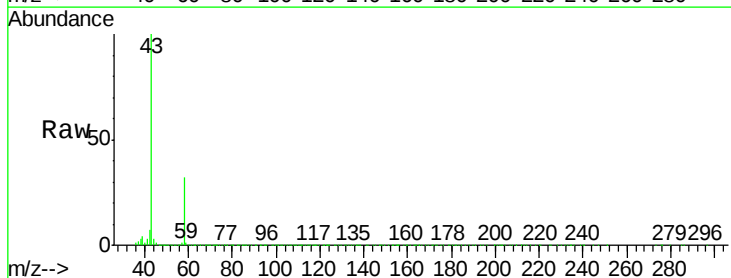
RT: 2.43 min Scan# 253

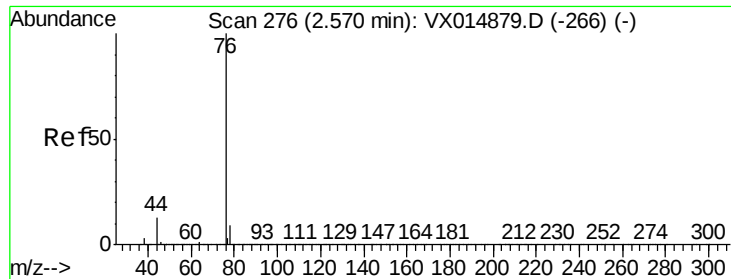
Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	43	Resp:	198793
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.1	36.1





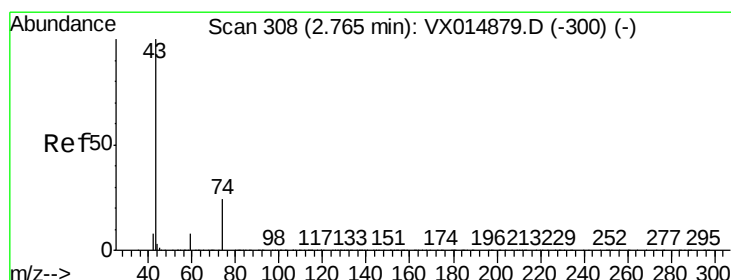
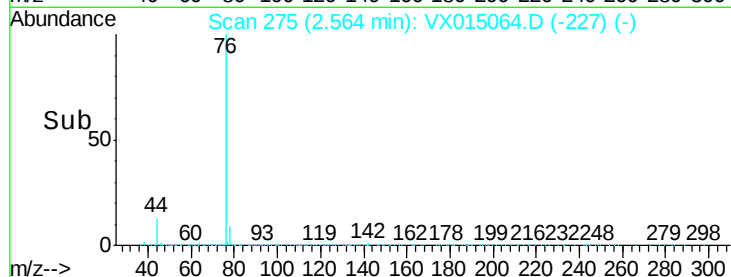
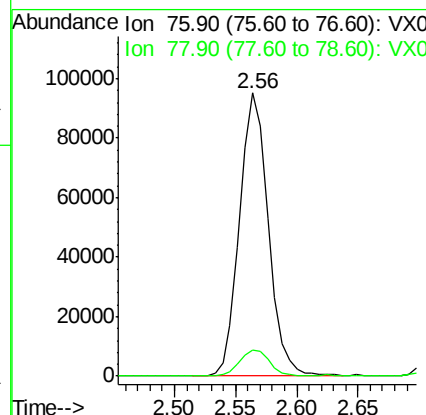
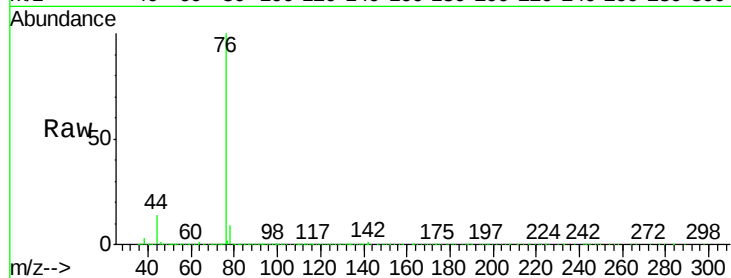
#17
Carbon Disulfide
Concen: 16.051 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

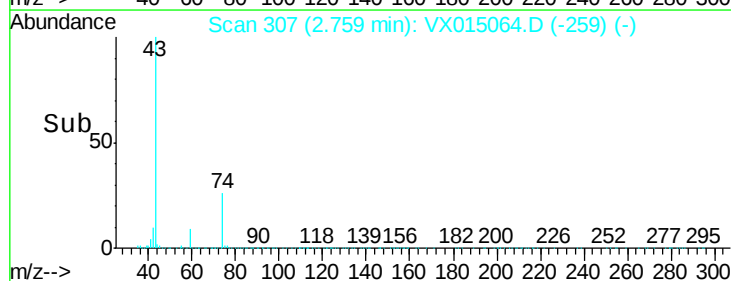
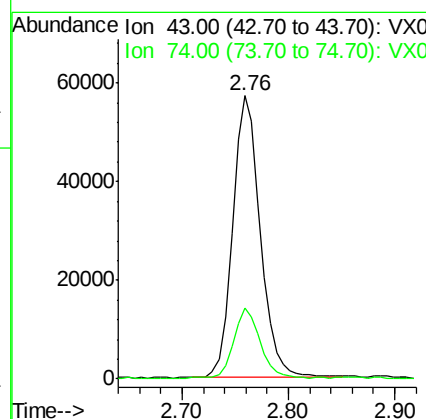
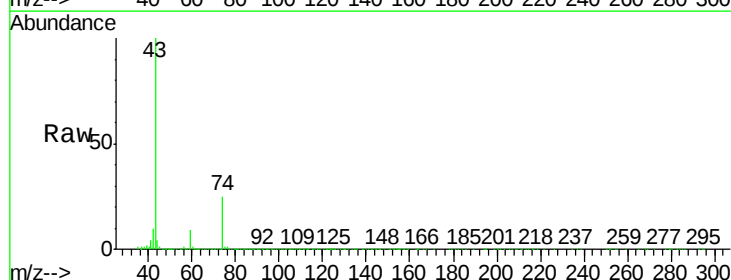
Manual Integrations
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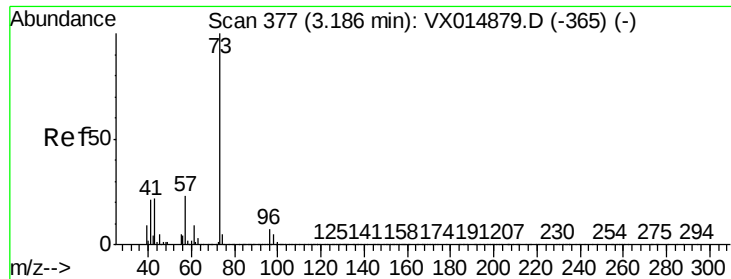
MMDadoda
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#18
Methyl Acetate
Concen: 24.242 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.4	29.0





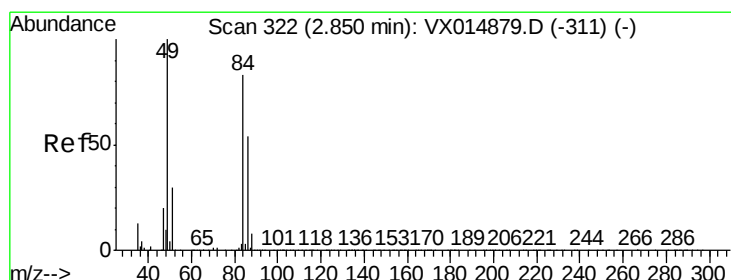
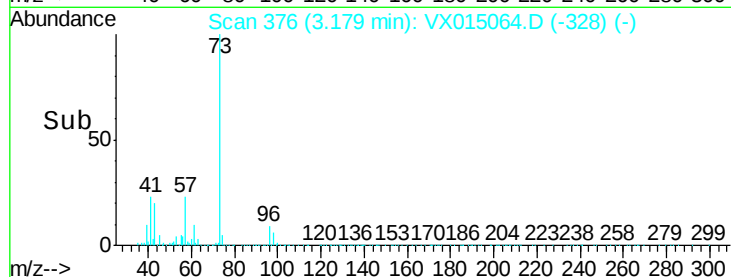
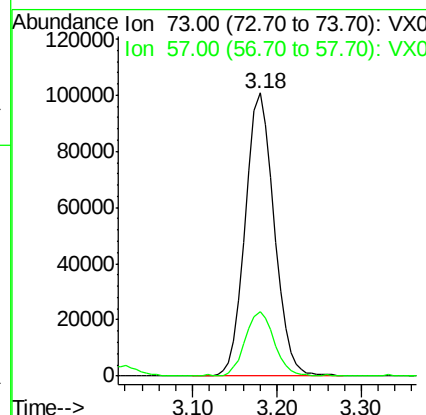
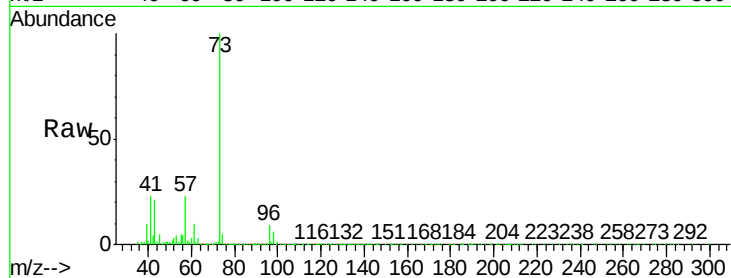
#19
Methvl tert-butvl Ether
Concen: 20.688 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.4

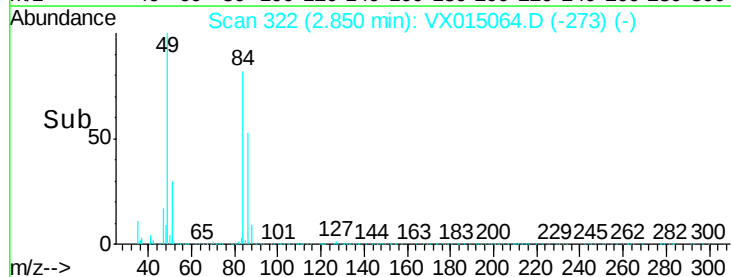
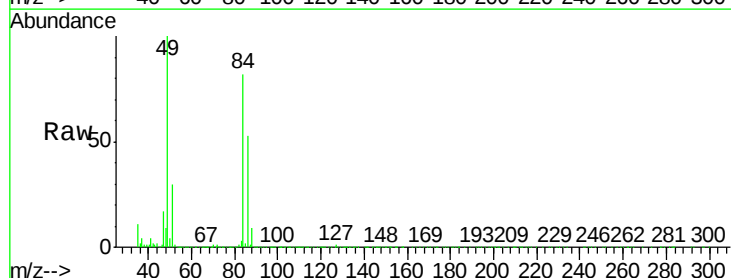
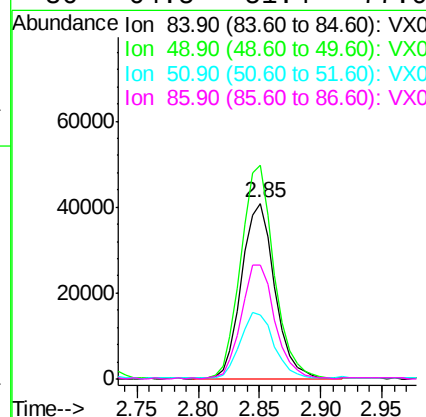
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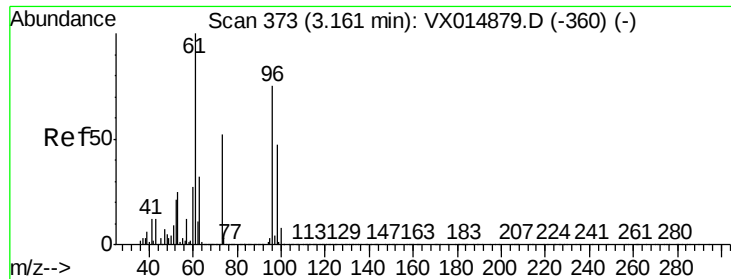
MMDadoda
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#20
Methylene Chloride
Concen: 18.833 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	95.6	143.4
51	36.3	29.0	43.6
86	64.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.380 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

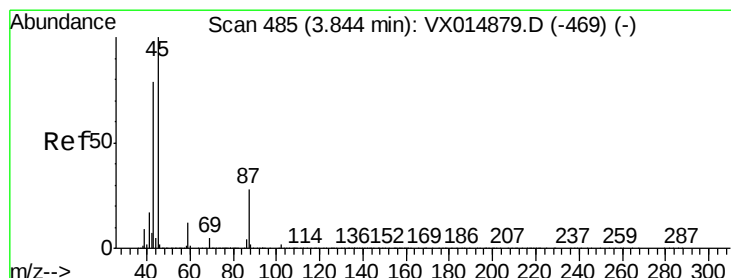
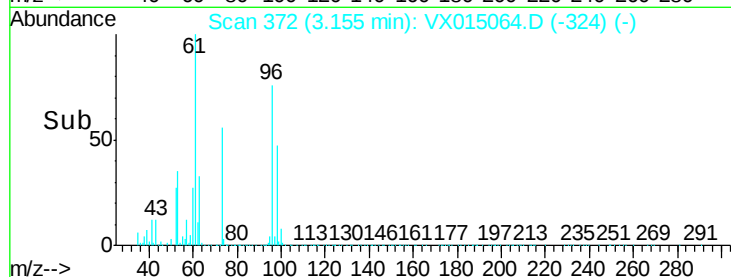
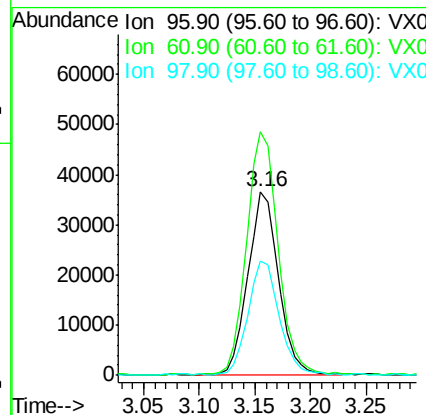
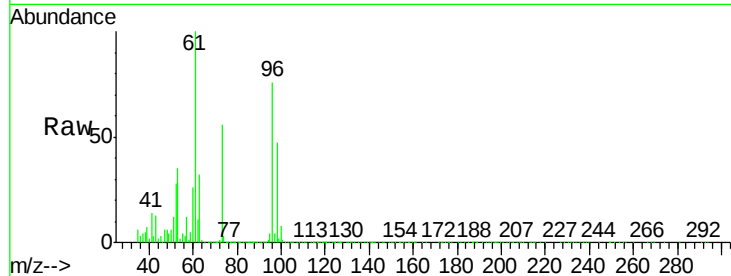
ClientSampleId :

VX0302WBSD01

Tot Ion:	96	Resp:	70033
Ion	Ratio	Lower	Upper
96	100		
61	132.1	106.9	160.3
98	61.8	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.782 ug/l

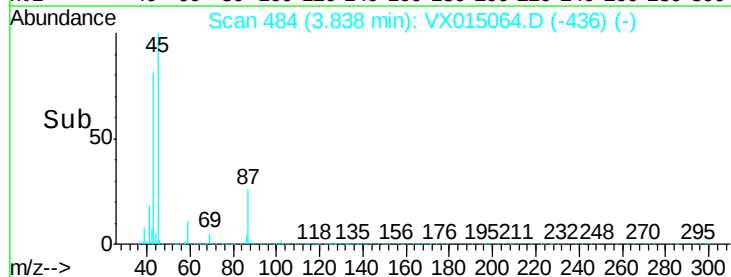
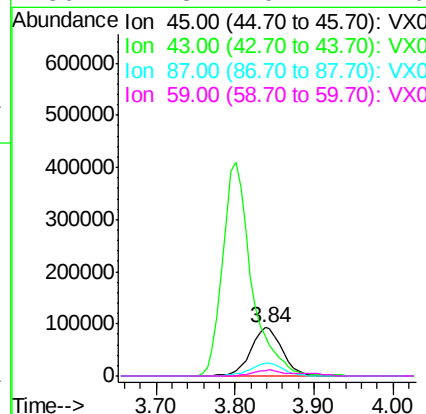
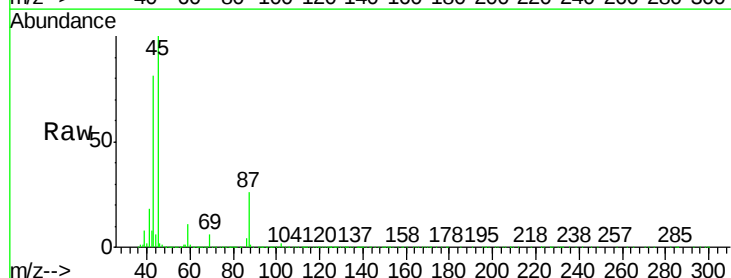
RT: 3.84 min Scan# 484

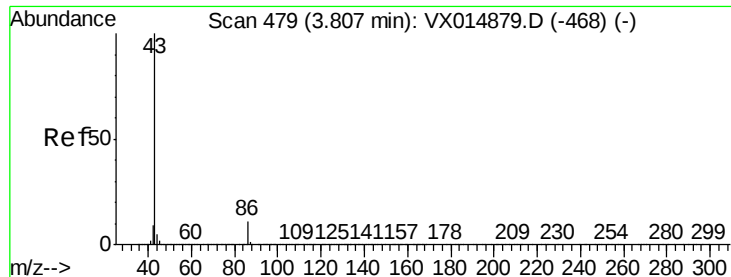
Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	45	Resp:	254701
Ion	Ratio	Lower	Upper
45	100		
43	80.5	63.5	95.3
87	26.3	22.2	33.4
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 108.876 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 43 Resp: 1049484

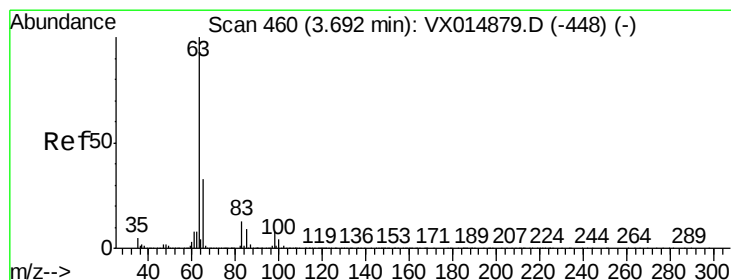
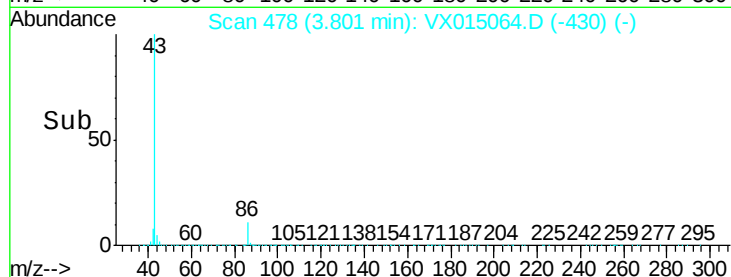
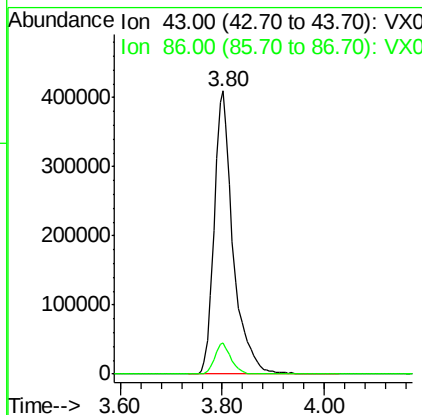
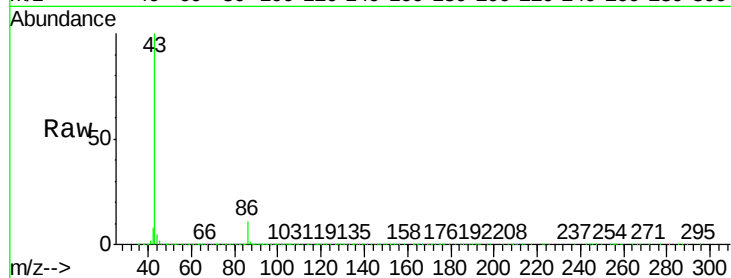
Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3

Manual Integrations
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3/3/2020 9:51:28 AM



#24

1,1-Dichloroethane

Concen: 19.993 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

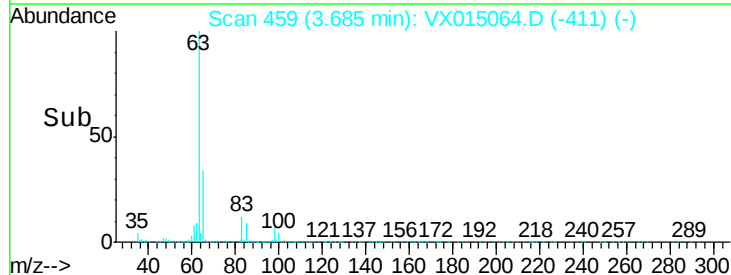
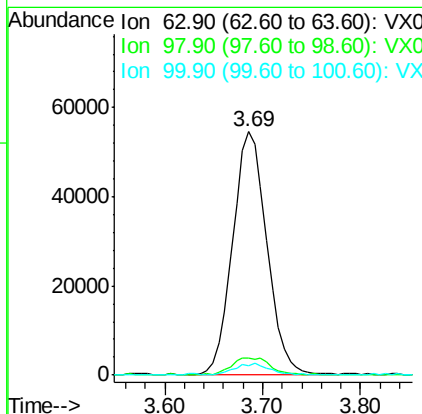
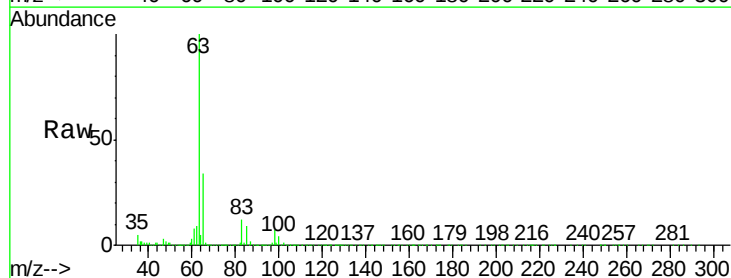
Tgt Ion: 63 Resp: 131944

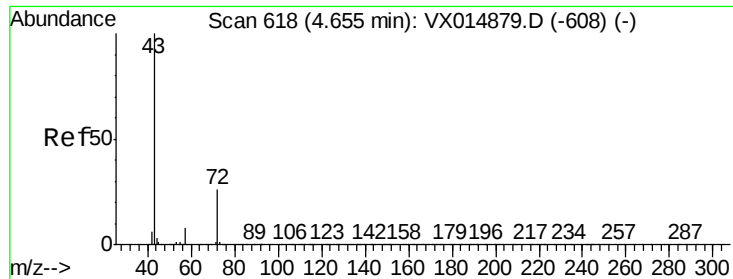
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

100 3.8 2.2 6.6





#25

2-Butanone

Concen: 101.789 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 43 Resp: 294636

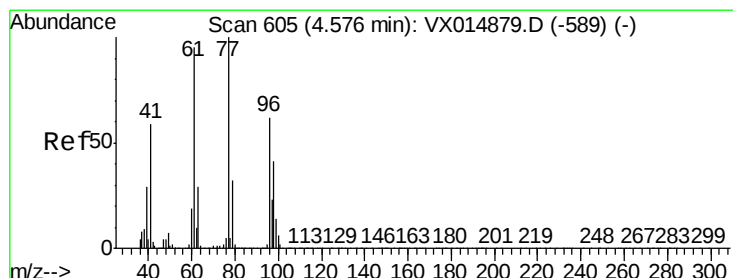
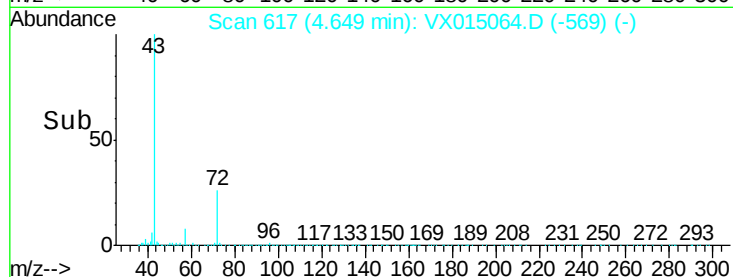
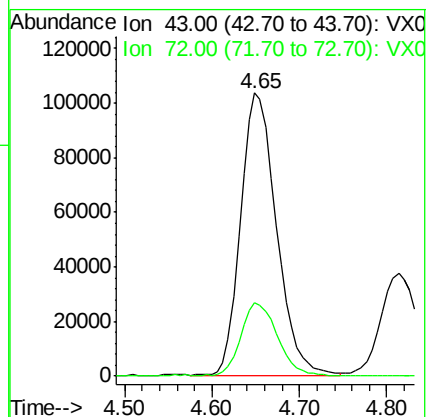
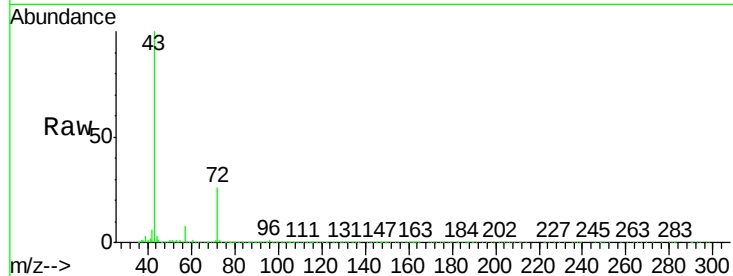
Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6

Manual Integrations
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3/3/2020 9:51:28 AM



#26

2,2-Dichloropropane

Concen: 18.550 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015064.D

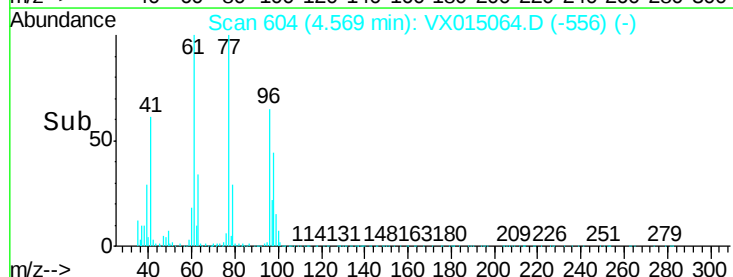
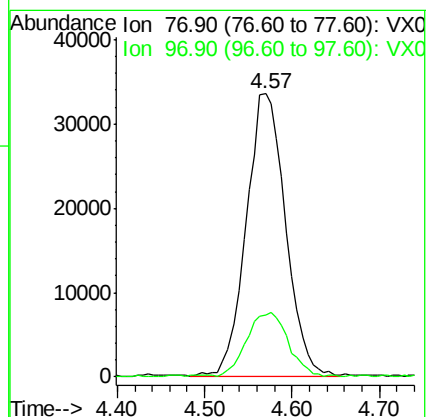
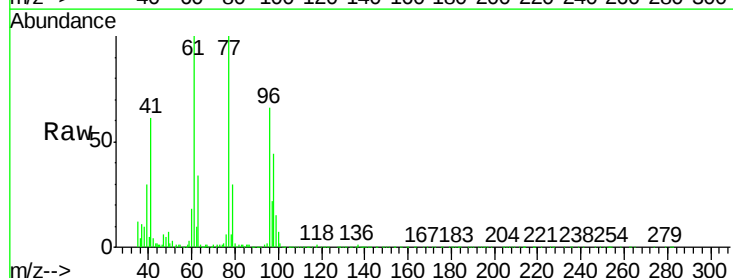
Acq: 02 Mar 2020 11:24

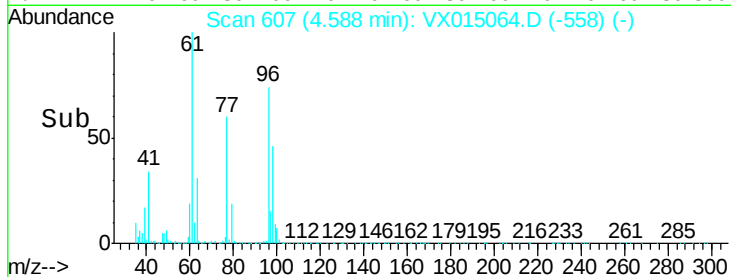
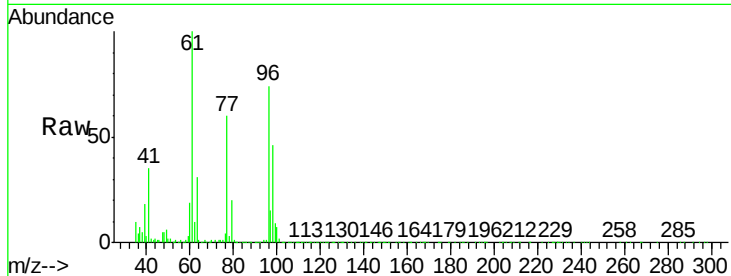
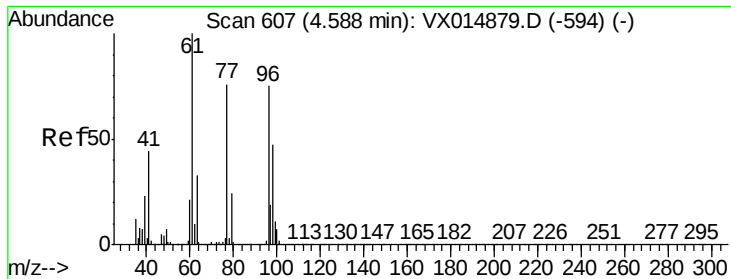
Tgt Ion: 77 Resp: 105498

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





#27

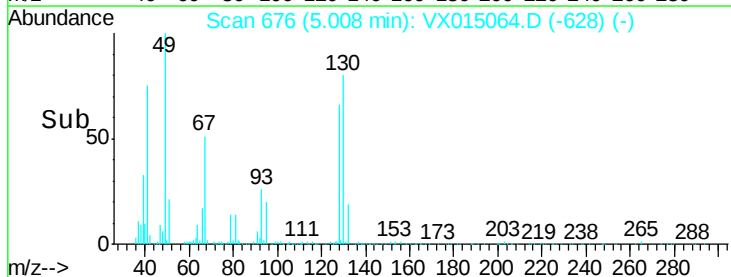
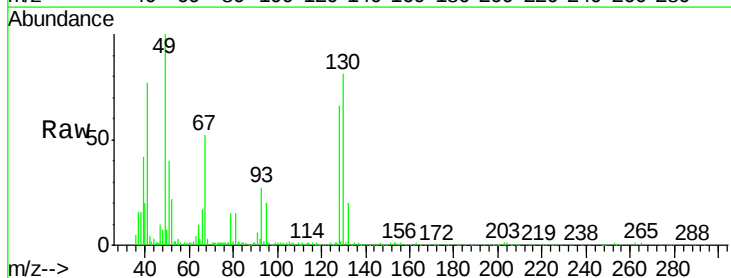
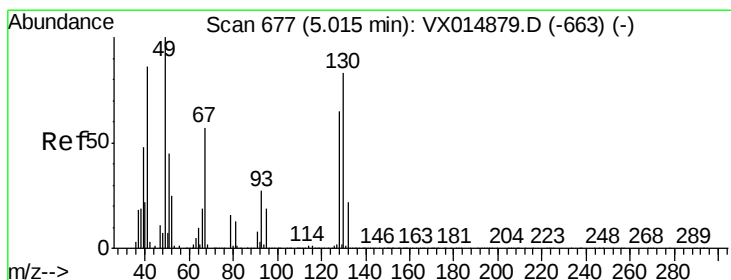
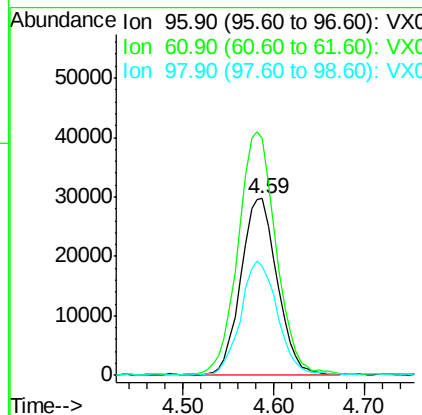
cis-1,2-Dichloroethene
Concen: 19.581 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.2
98	65.5	0.0	131.0

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Manual Integrations
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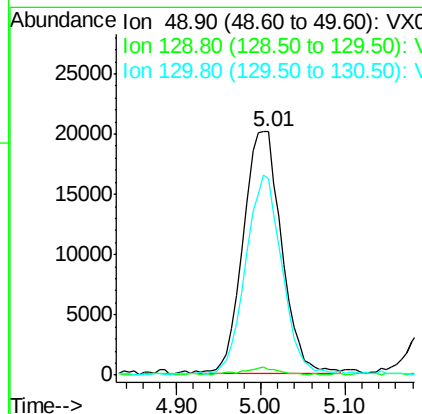
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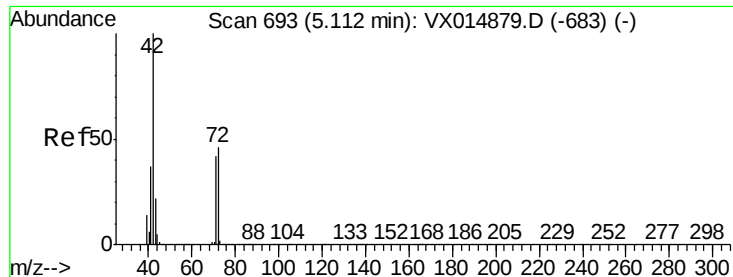


#28

Bromochloromethane
Concen: 24.351 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	77.5	67.4	101.2





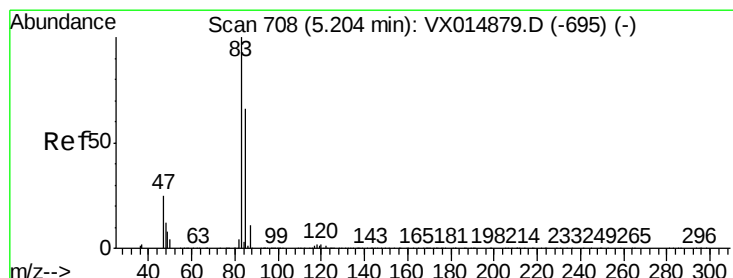
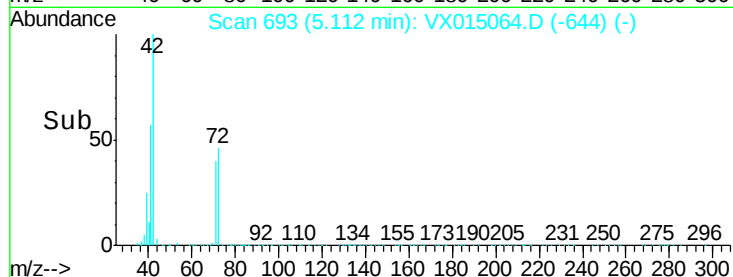
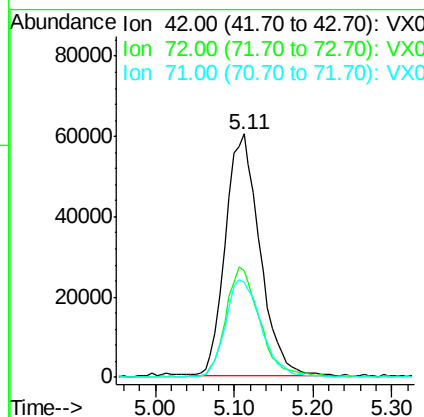
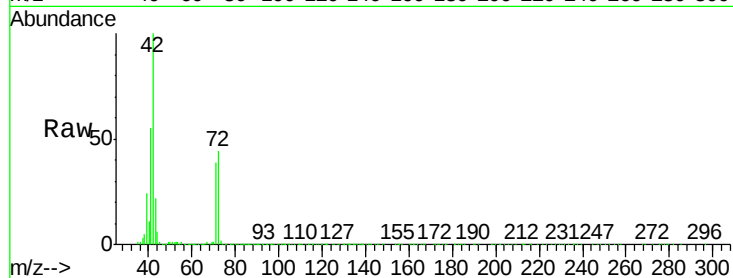
#29
Tetrahydrofuran
Concen: 110.749 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	42	Resp	182235
Ion Ratio	Lower	Upper	
42	100		
72	45.2	36.9	55.3
71	41.5	34.1	51.1

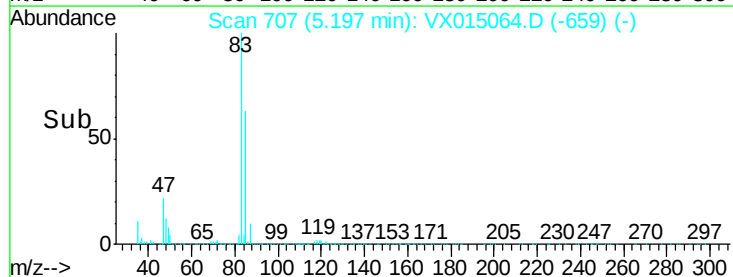
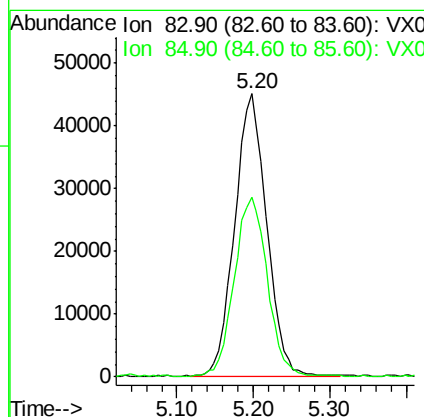
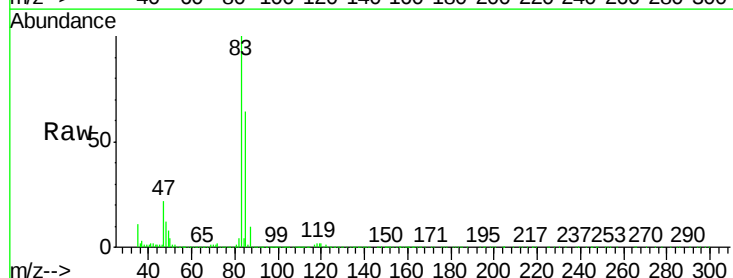
Manual Integrations
APPROVED

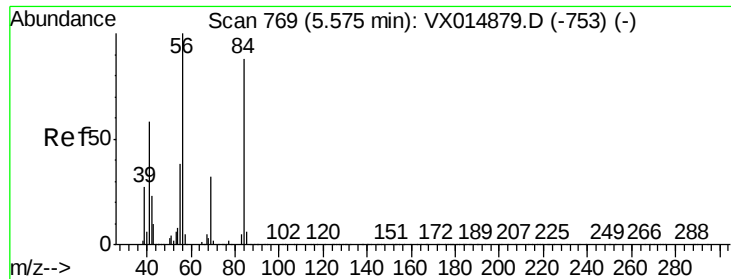
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#30
Chloroform
Concen: 19.830 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	83	Resp	129838
Ion Ratio	Lower	Upper	
83	100		
85	63.5	52.9	79.3





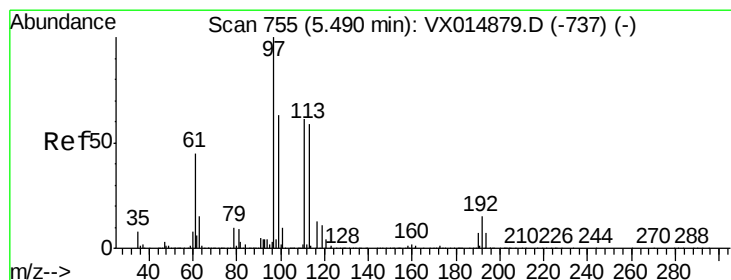
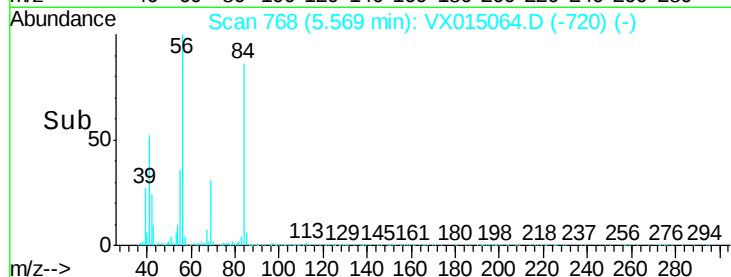
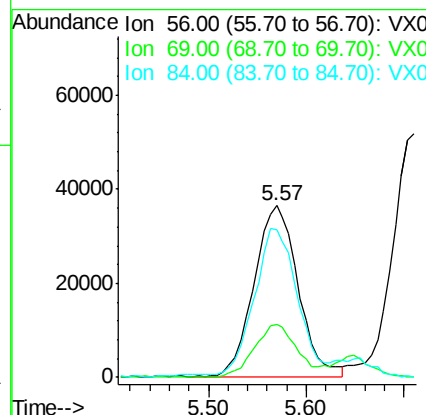
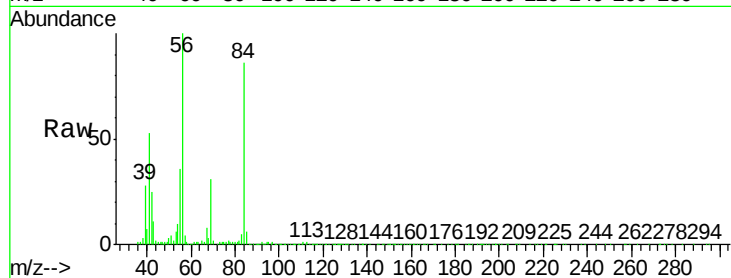
#31
Cyclohexane
Concen: 19.107 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.9	38.9
84	84.0	70.4	105.6

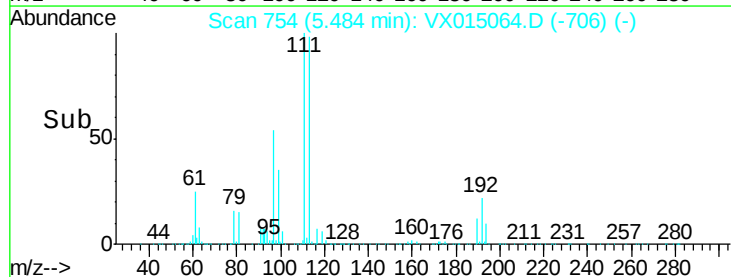
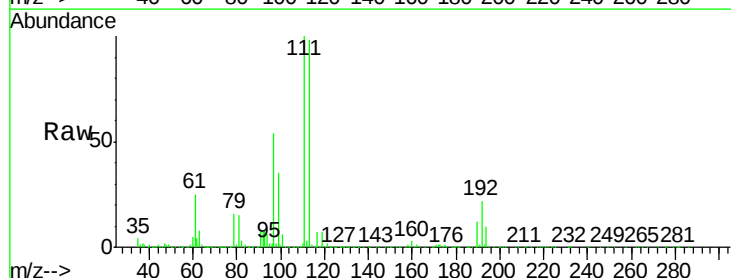
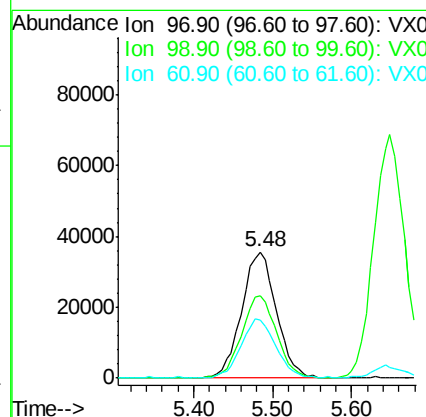
Manual Integrations
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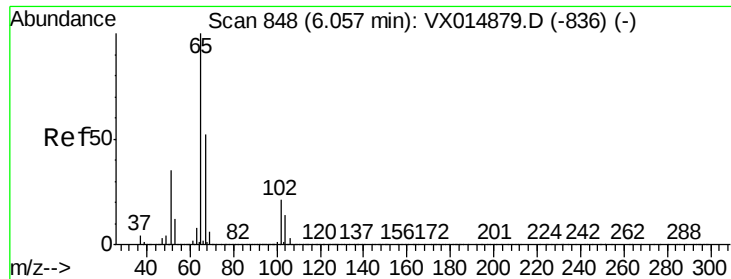
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#32
1,1,1-Trichloroethane
Concen: 18.866 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.6
61	46.4	36.3	54.5





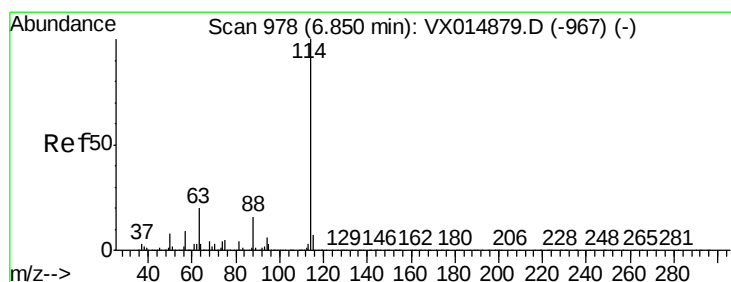
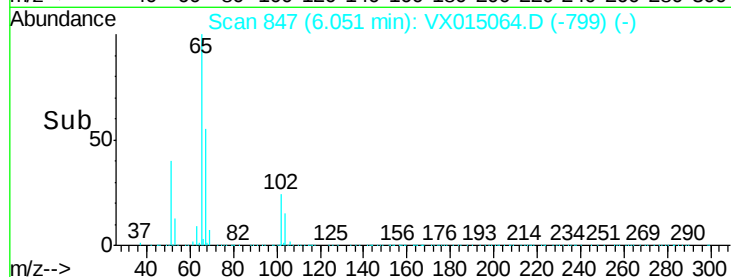
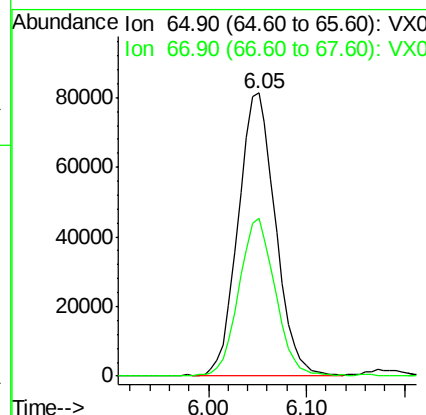
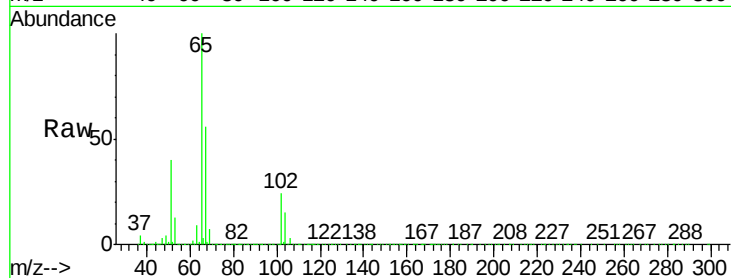
#33
 1,2-Dichloroethane-d4
 Concen: 50.266 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	213718		
67	54.1	0.0	103.0	

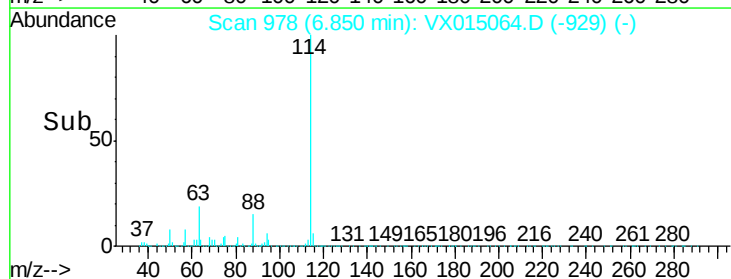
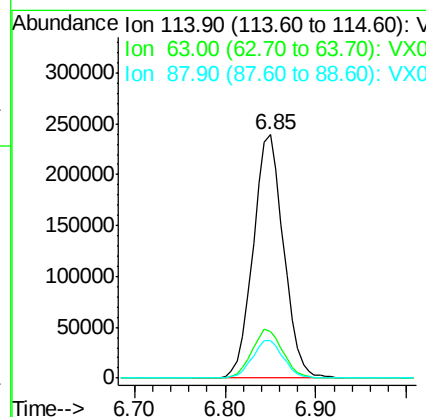
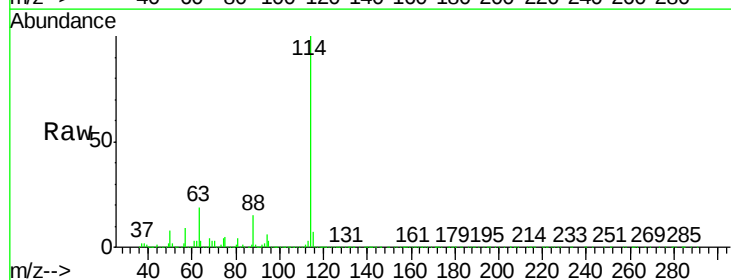
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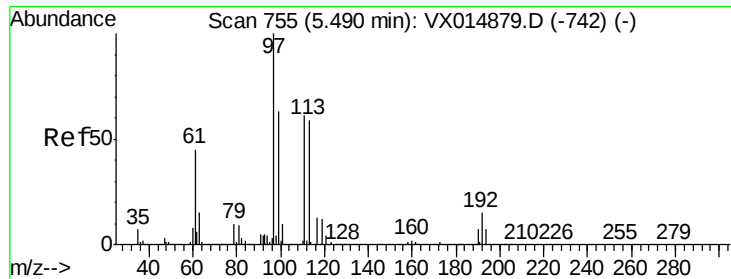
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	554480		
63	19.2	0.0	39.2	
88	15.2	0.0	32.0	





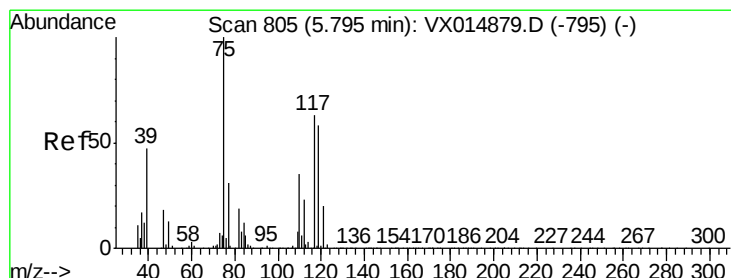
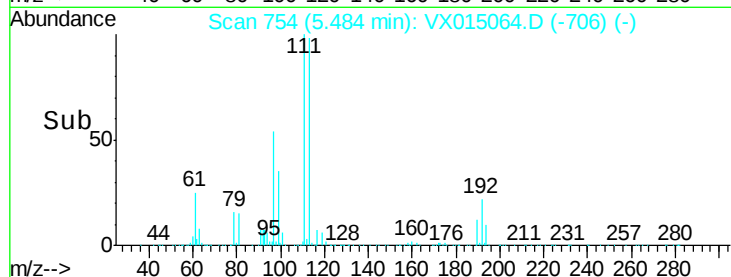
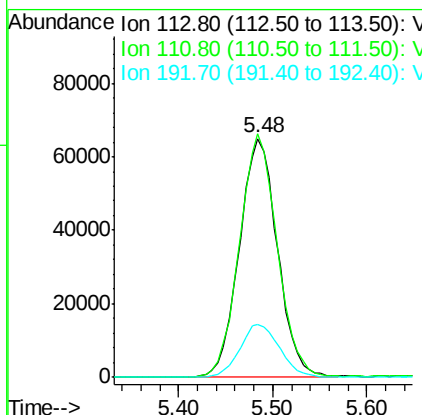
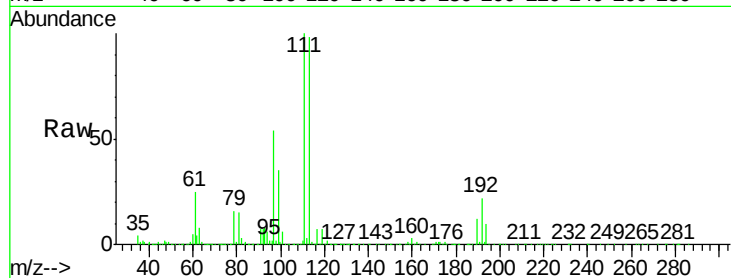
#35
Dibromofluoromethane
Concen: 53.662 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	182923		
111	101.6	82.4	123.6	
192	23.5	19.1	28.7	

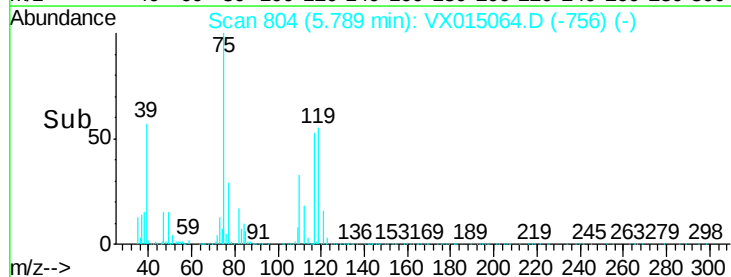
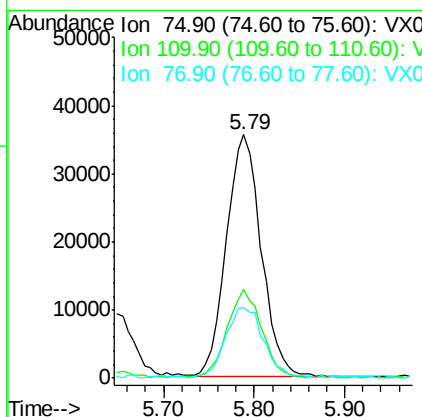
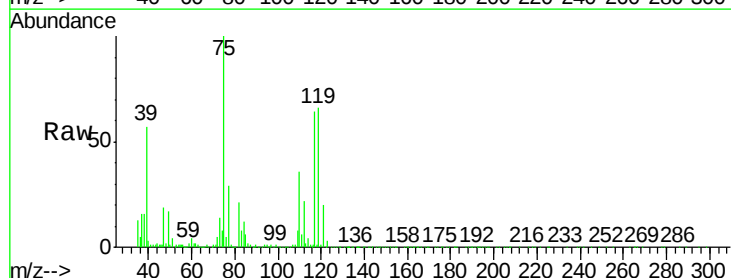
Manual Integrations
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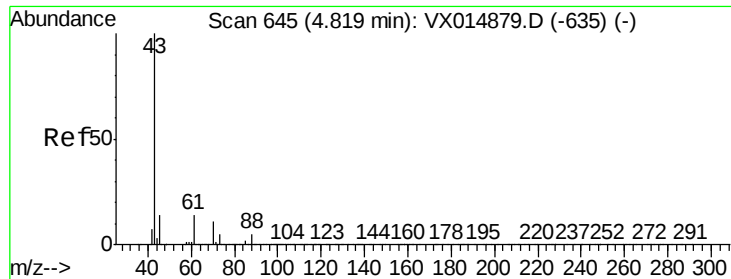
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#36
1,1-Dichloropropene
Concen: 19.173 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	95099		
110	35.9	18.3	54.8	
77	31.2	24.6	36.8	





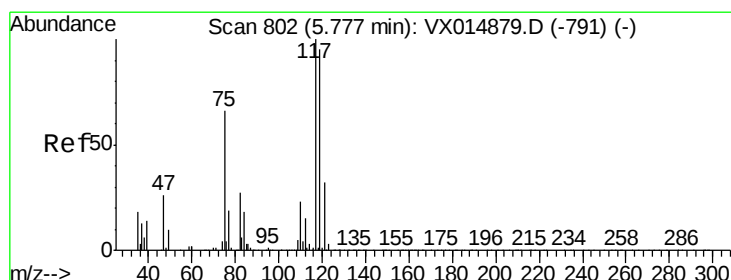
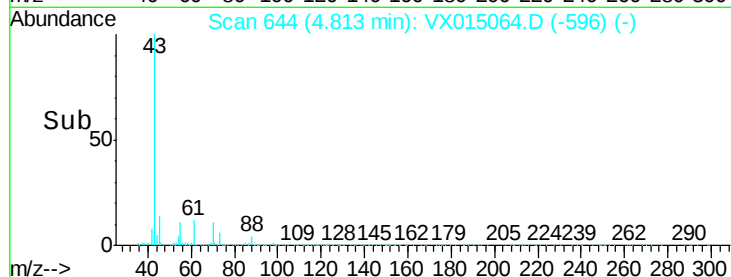
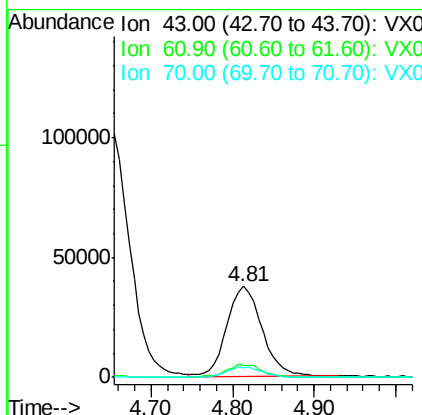
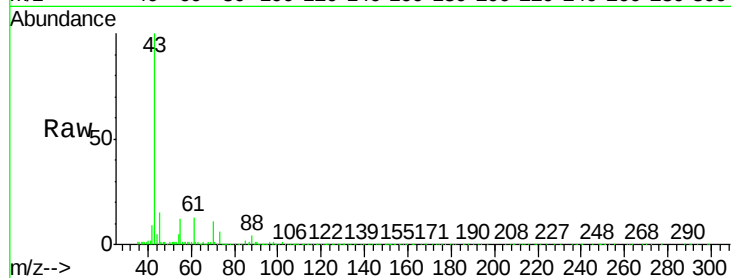
#37
Ethyl Acetate
Concen: 21.608 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion:	43	Resp:	111784
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	11.1	8.7	13.1

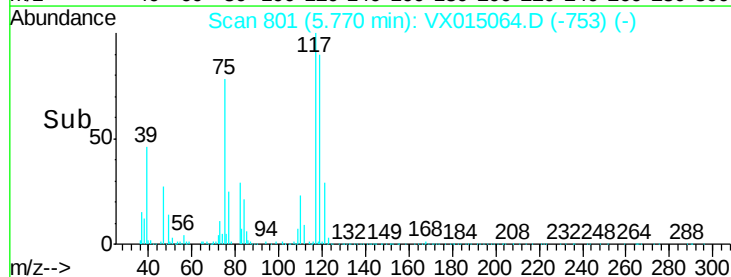
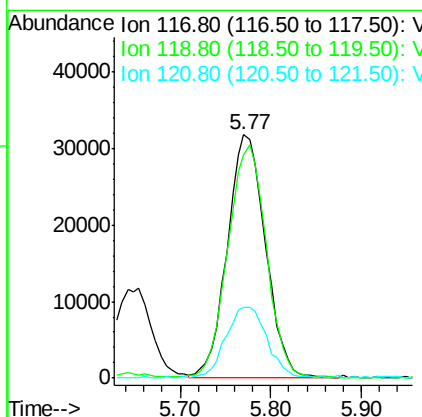
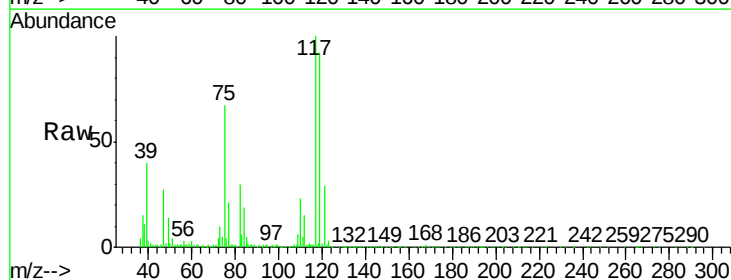
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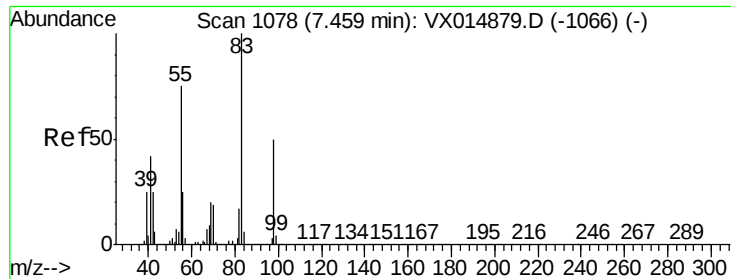
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#38
Carbon Tetrachloride
Concen: 19.070 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion:	117	Resp:	92179
Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.0	114.0
121	28.7	25.4	38.2





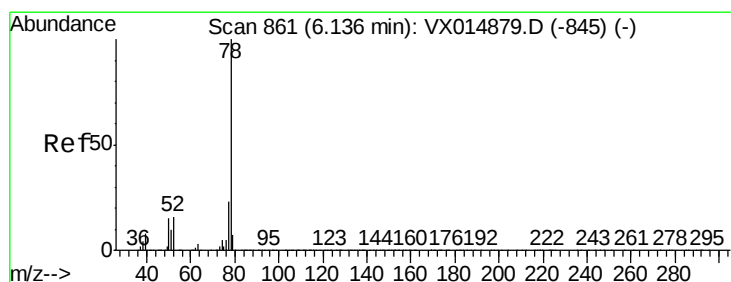
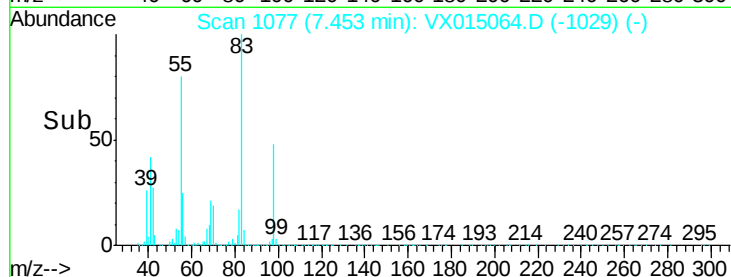
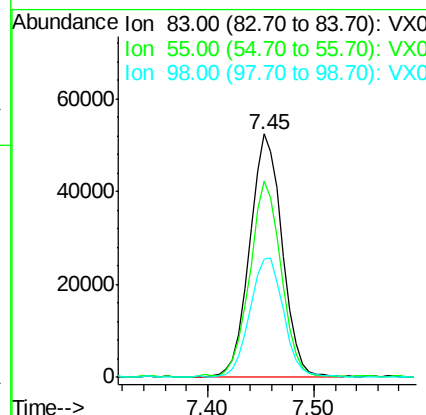
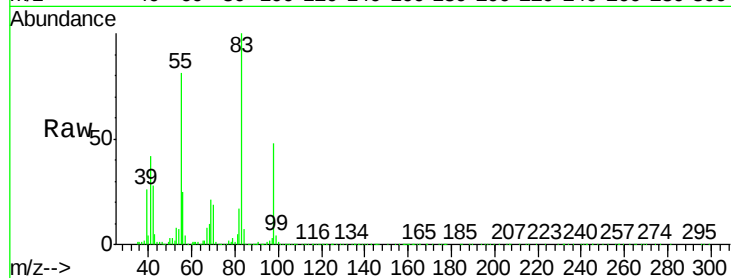
#39
Methvlcvclohexane
Concen: 18.048 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	60.0	90.0
98	48.1	39.6	59.4

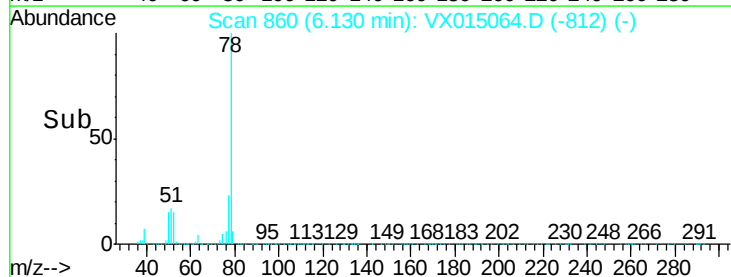
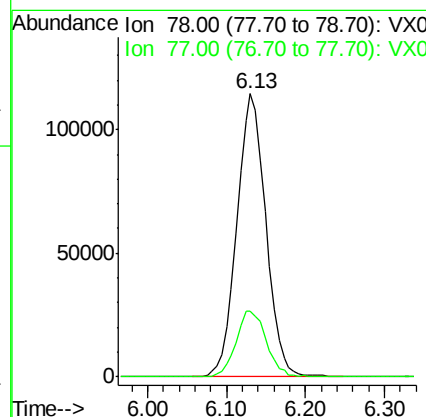
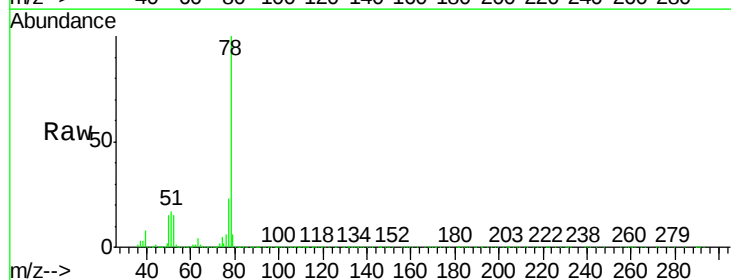
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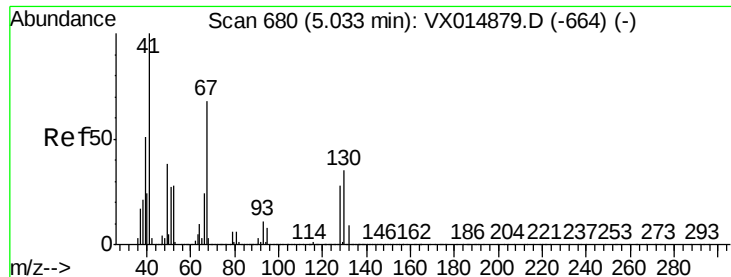
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3/3/2020 9:51:28 AM



#40
Benzene
Concen: 19.781 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





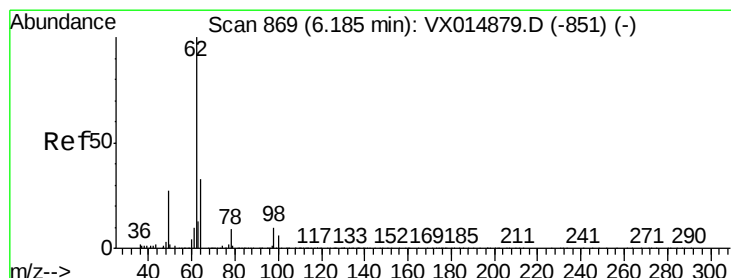
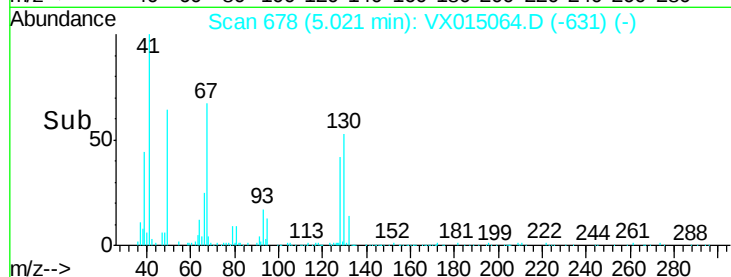
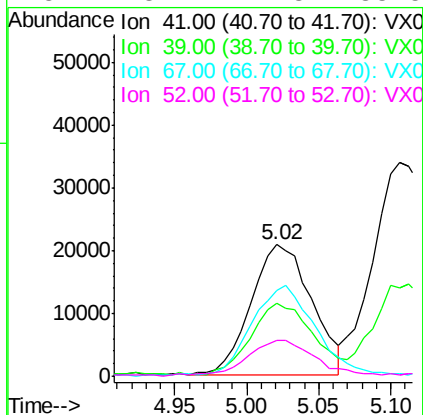
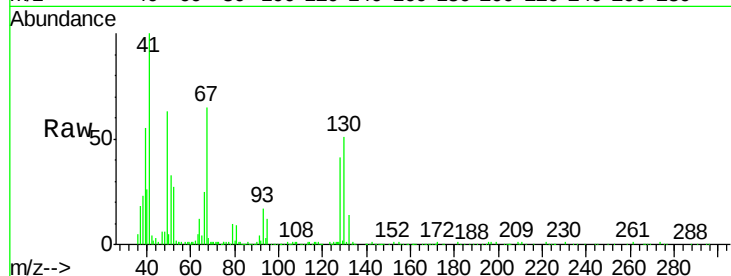
#41
Methacrylonitrile
Concen: 21.823 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	44.7	67.1	
67	71.7	56.6	84.8	
52	28.4	22.3	33.5	

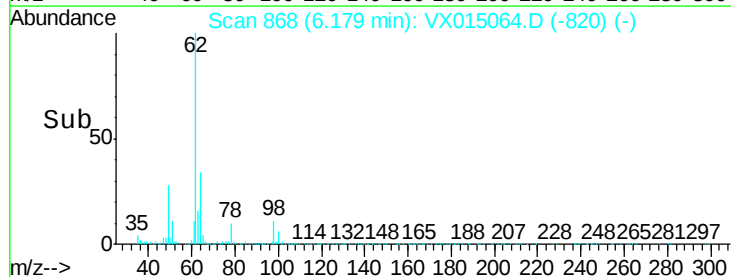
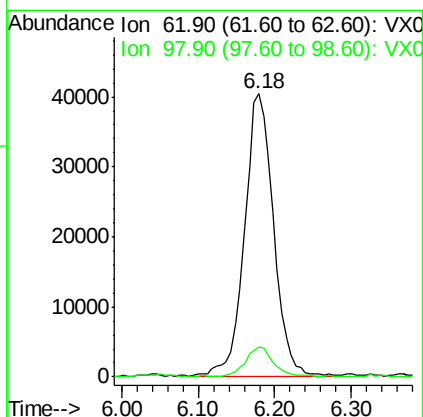
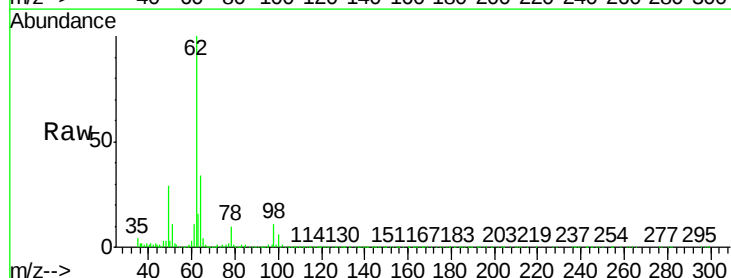
Manual Integrations
APPROVED

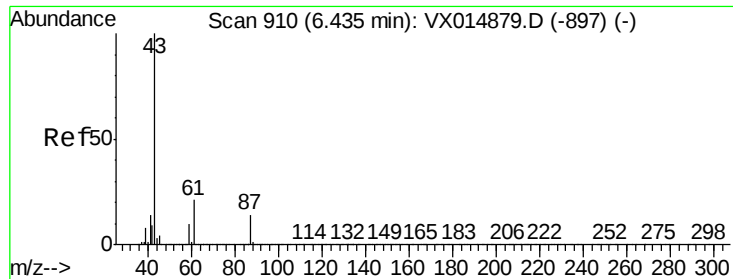
MMDadoda
3/3/2020 9:51:28 AM



#42
1,2-Dichloroethane
Concen: 19.745 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.2	





#43

Isopropyl Acetate

Concen: 21.112 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

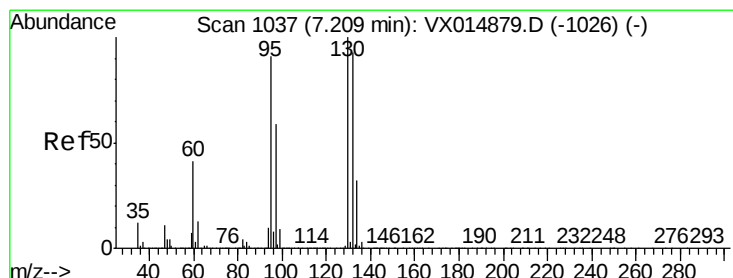
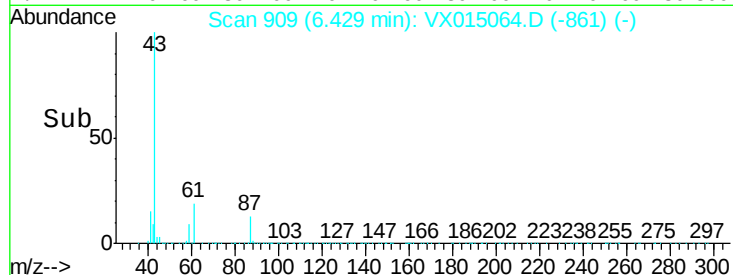
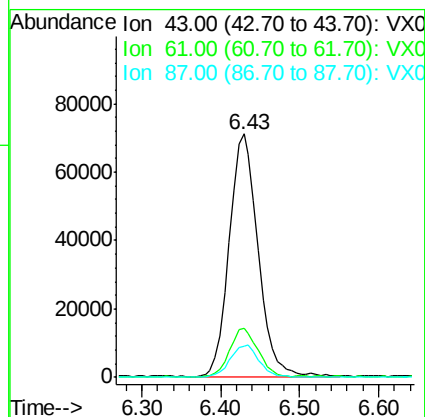
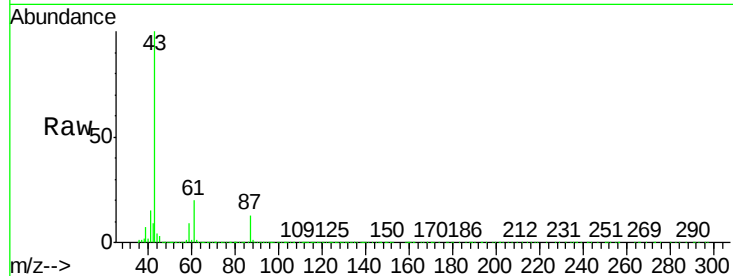
ClientSampleId :

VX0302WBSD01

Tot Ion:	43	Resp:	180169
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.4
87	13.1	11.0	16.6

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#44

Trichloroethene

Concen: 18.490 ug/l

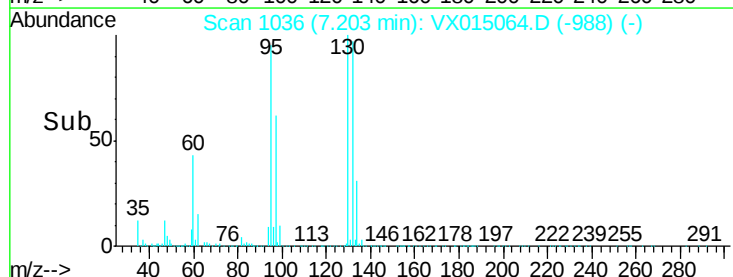
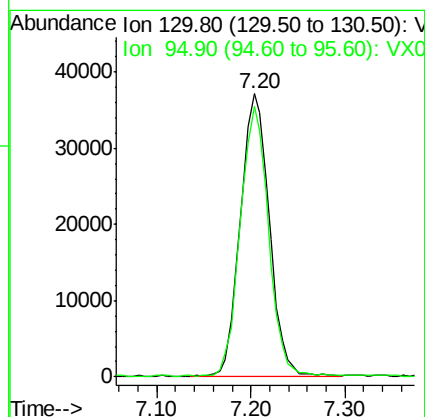
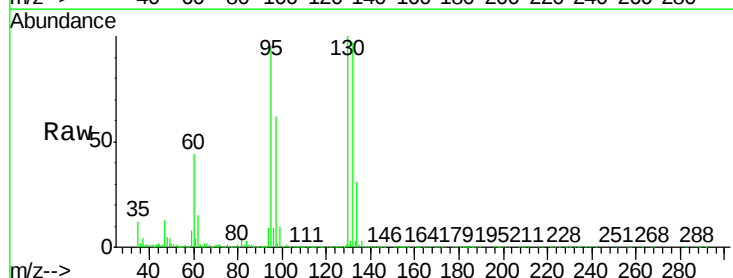
RT: 7.20 min Scan# 1036

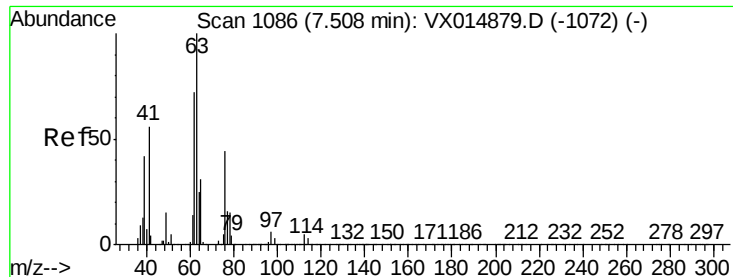
Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	130	Resp:	79547
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	182.6





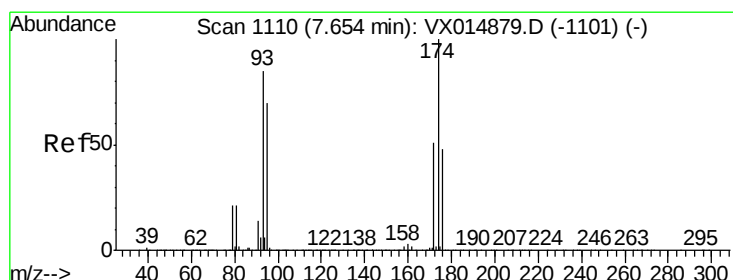
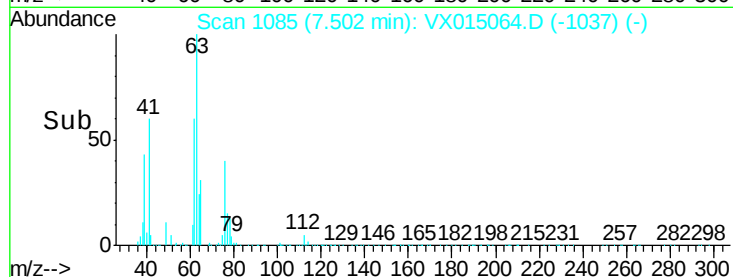
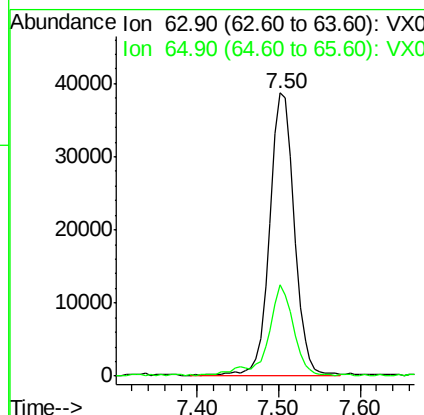
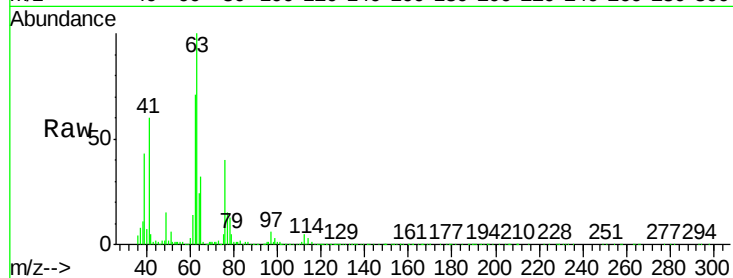
#45
 1,2-Dichloropropane
 Concen: 21.601 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.9	37.3

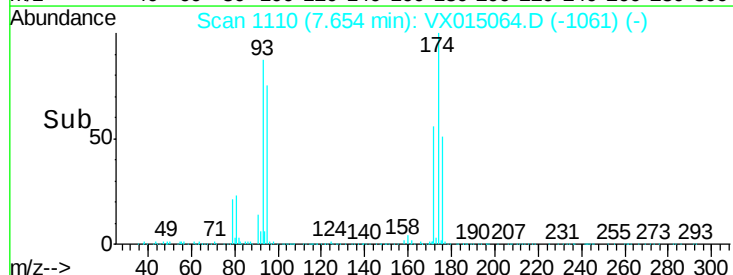
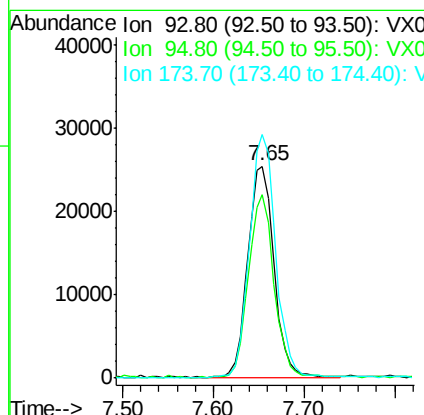
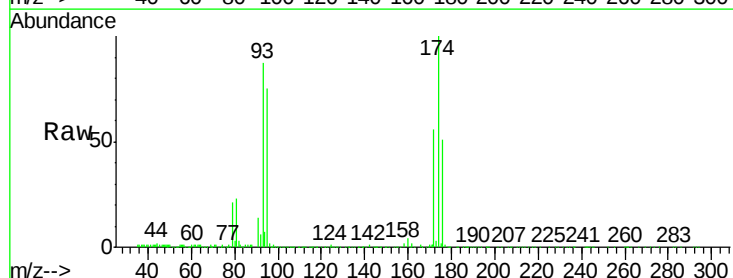
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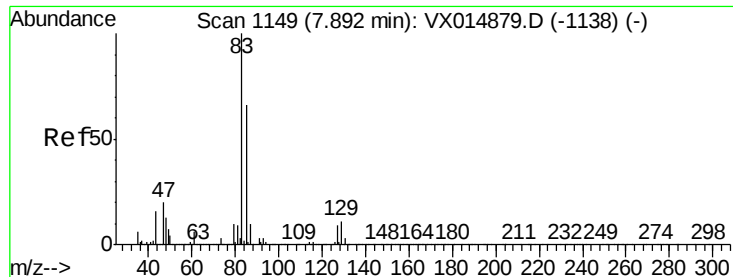
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#46
 Dibromomethane
 Concen: 20.061 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.8	98.8
174	114.0	95.4	143.2





#47

Bromodichloromethane

Concen: 19.636 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

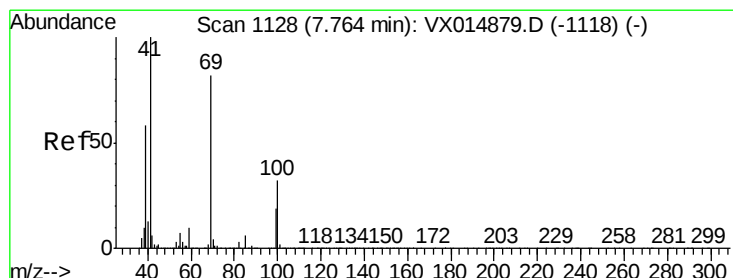
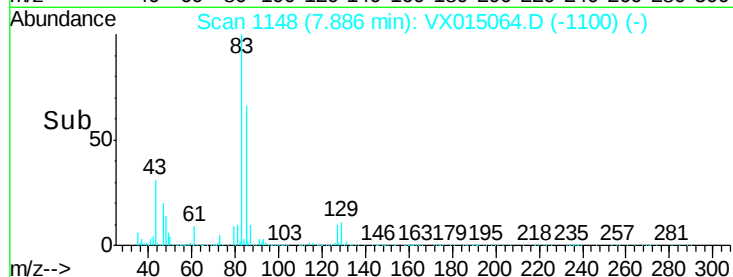
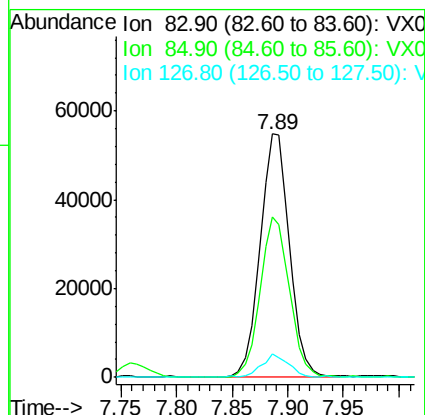
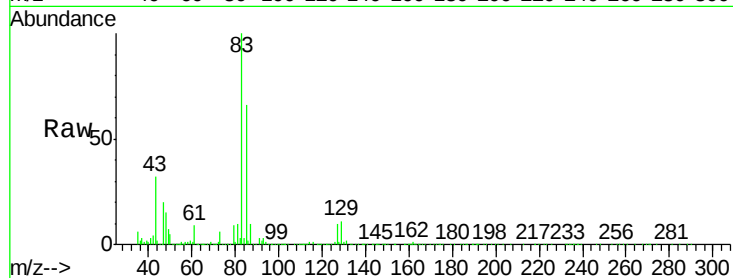
ClientSampleId :

VX0302WBSD01

Tot Ion:	83	Resp:	100586
Ion Ratio	Lower	Upper	
83	100		
85	65.9	52.5	78.7
127	9.6	7.4	11.0

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#48

Methyl methacrylate

Concen: 21.082 ug/l

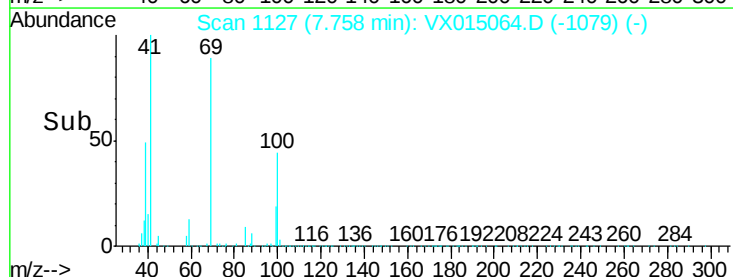
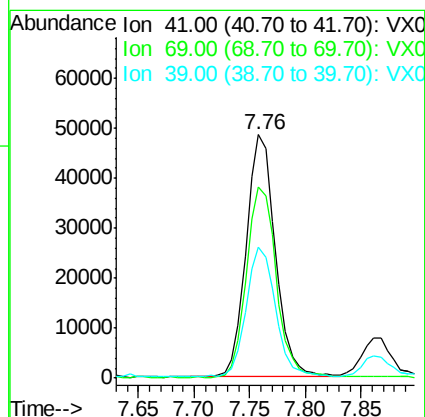
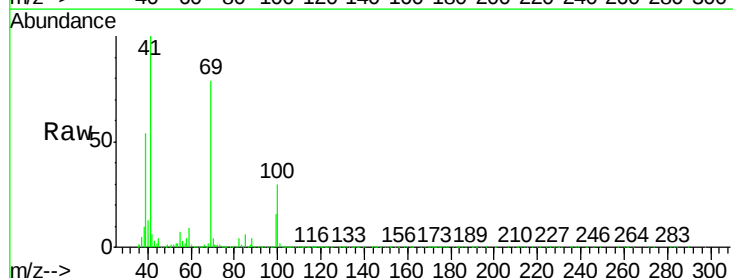
RT: 7.76 min Scan# 1127

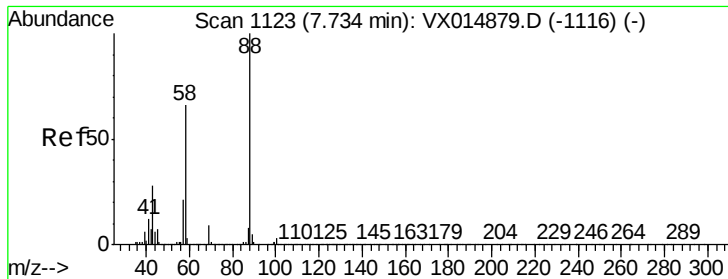
Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	41	Resp:	88540
Ion Ratio	Lower	Upper	
41	100		
69	81.1	65.7	98.5
39	54.3	45.8	68.8





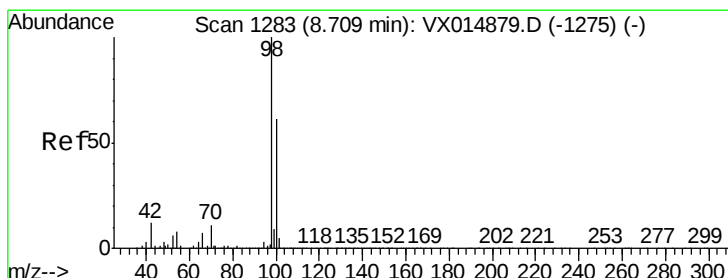
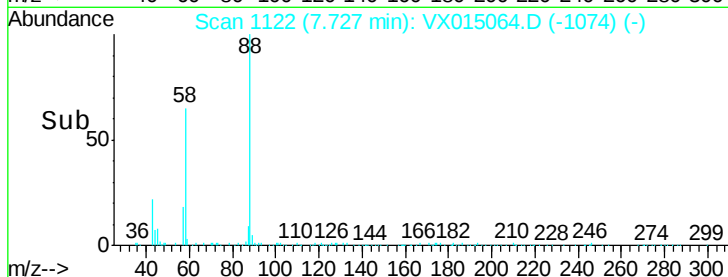
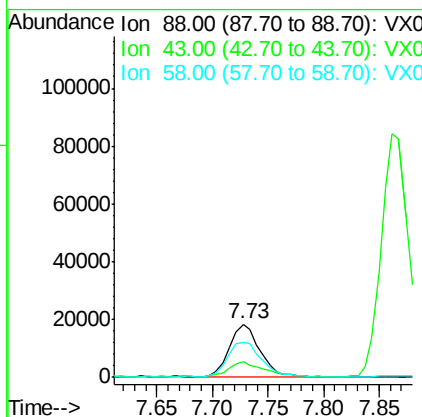
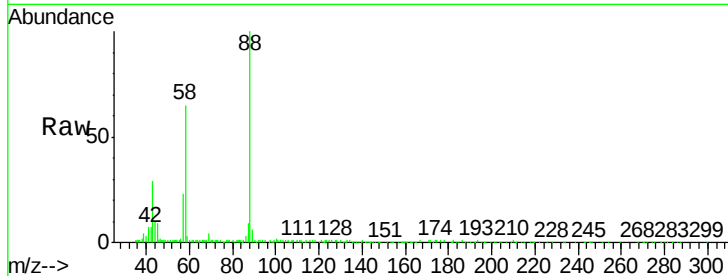
#49
1,4-Dioxane
Concen: 430.498 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	27.0	40.4
58	75.0	53.2	79.8

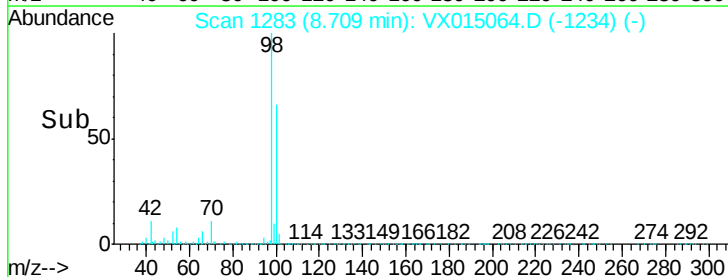
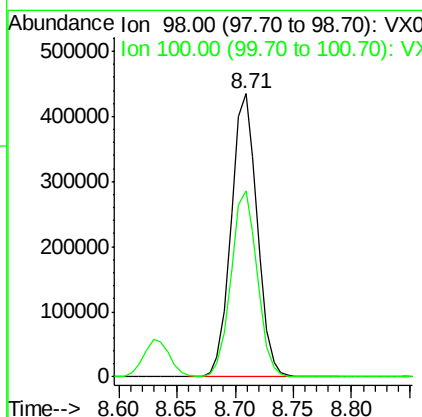
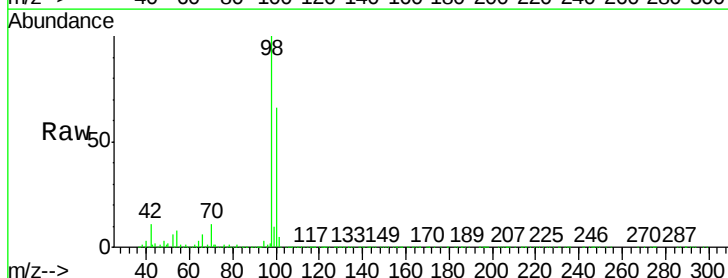
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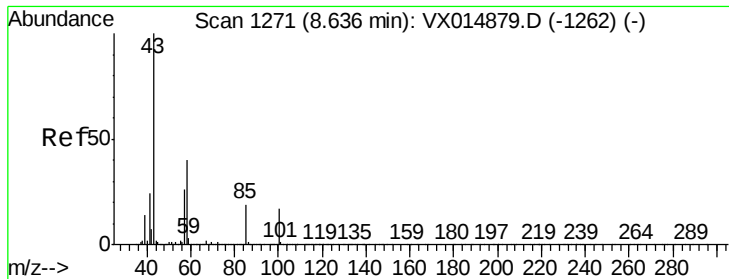
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#50
Toluene-d8
Concen: 51.928 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 111.069 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 43 Resp: 572333

Ion Ratio Lower Upper

43 100

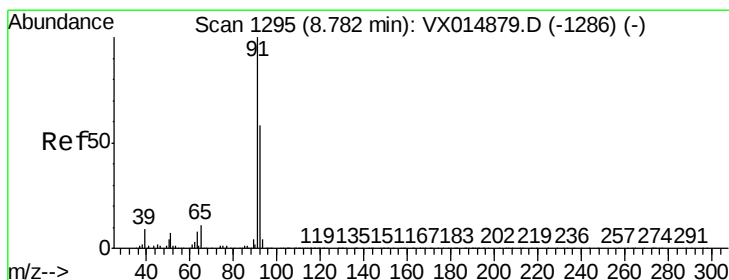
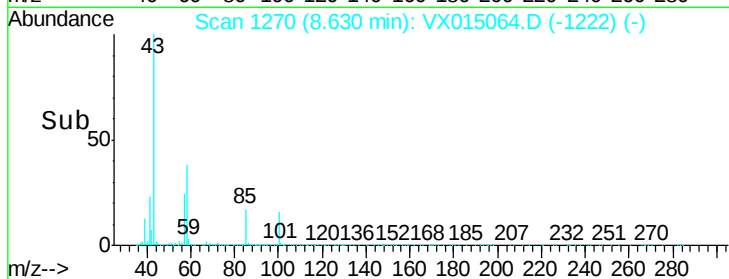
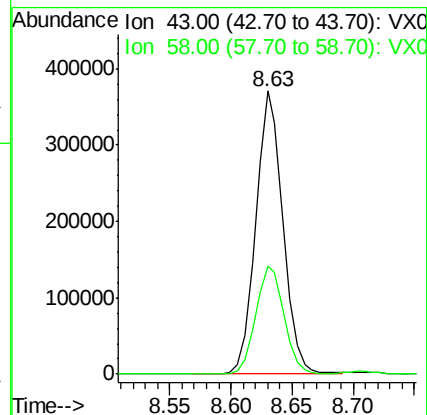
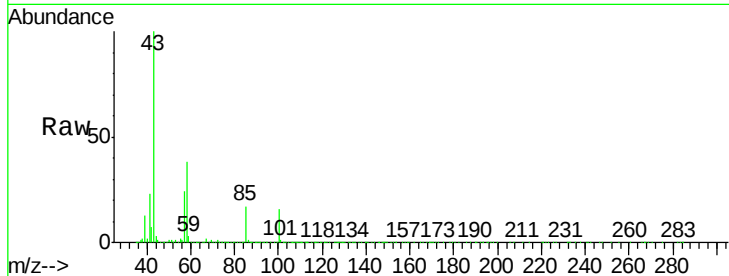
58 39.7 31.9 47.9

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#52

Toluene

Concen: 19.460 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015064.D

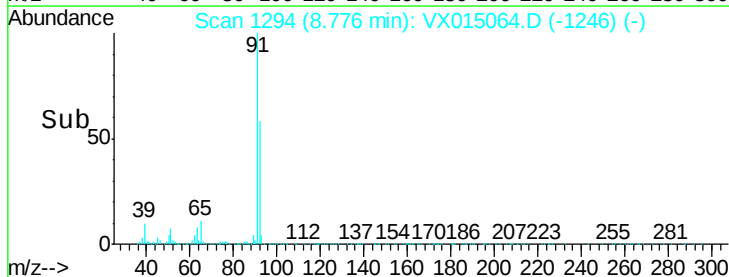
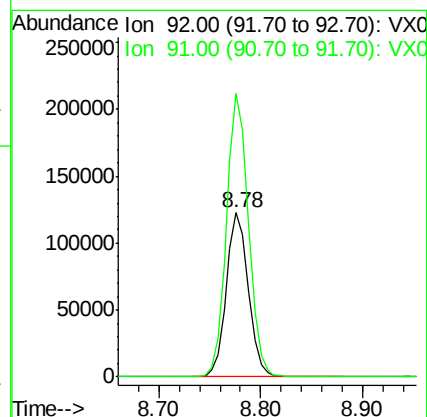
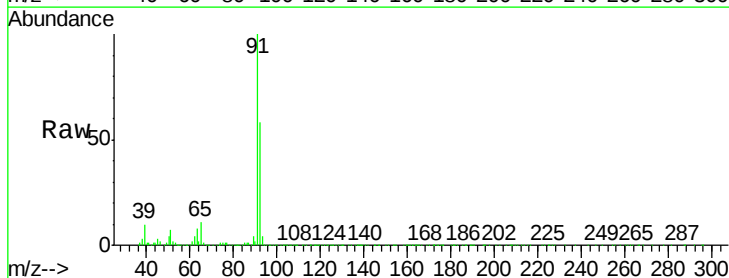
Acq: 02 Mar 2020 11:24

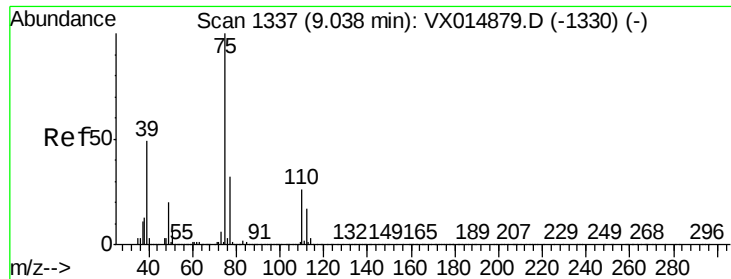
Tgt Ion: 92 Resp: 183168

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.4





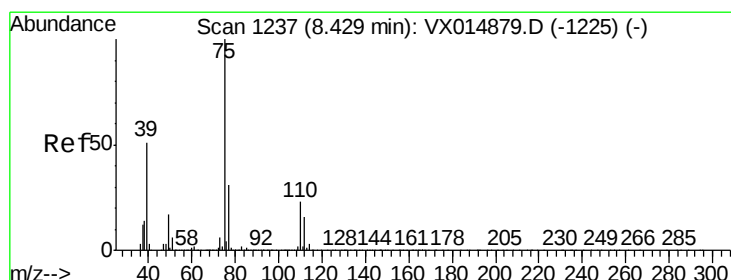
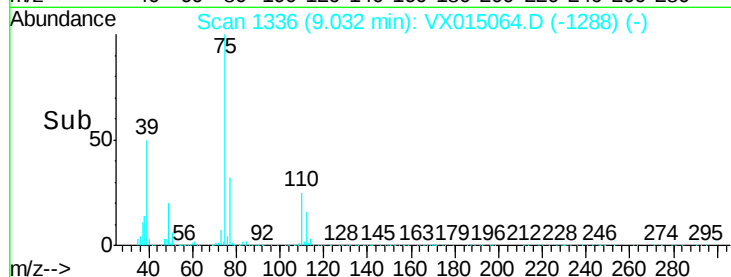
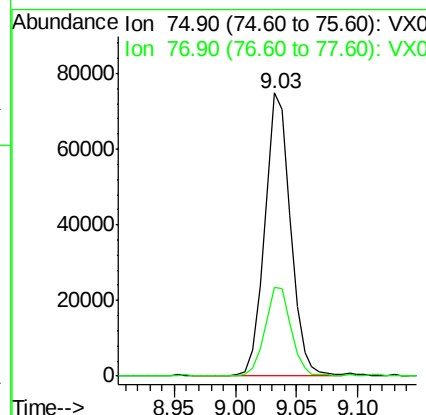
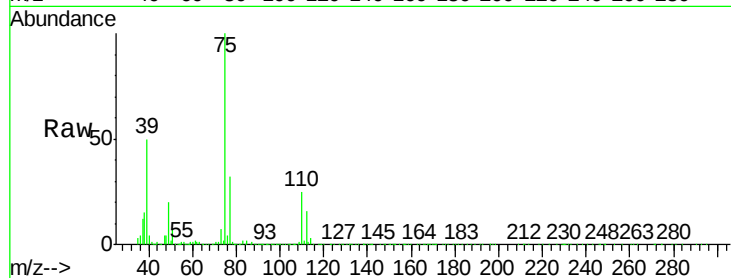
#53
t-1,3-Dichloropropene
Concen: 19.564 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.5	38.3

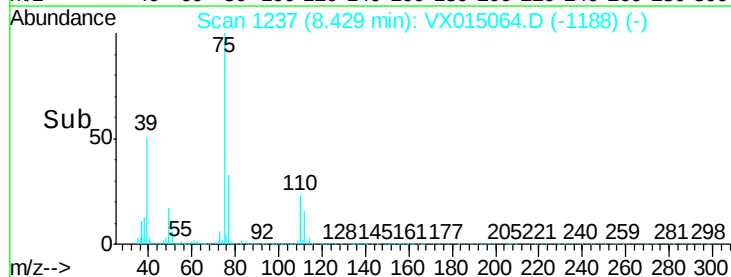
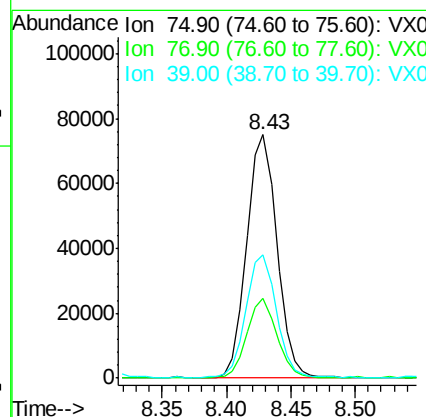
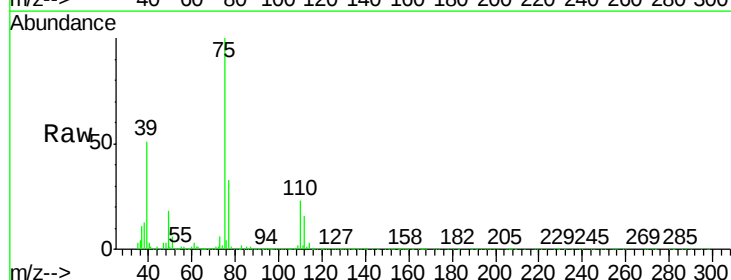
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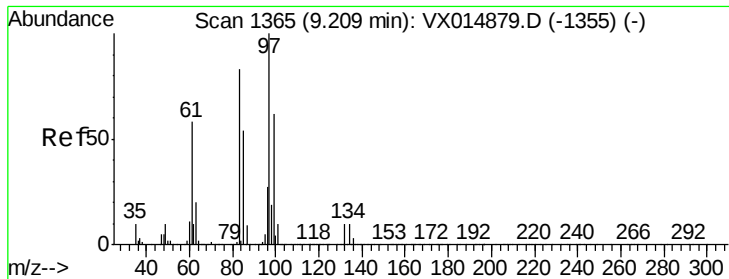
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#54
cis-1,3-Dichloropropene
Concen: 19.596 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.6	37.0
39	50.7	40.9	61.3





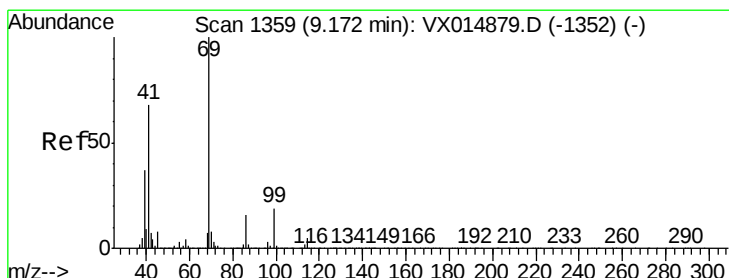
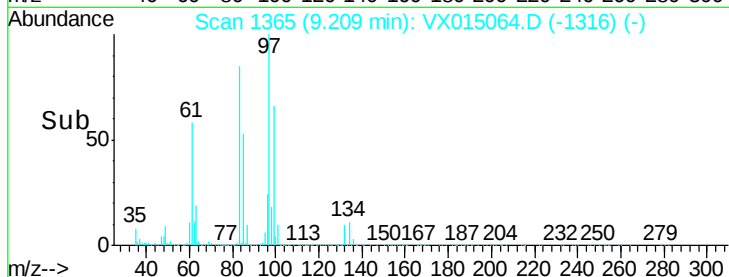
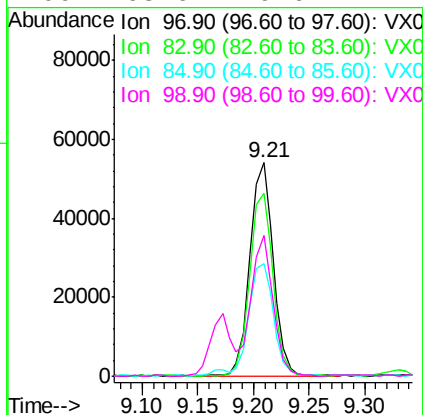
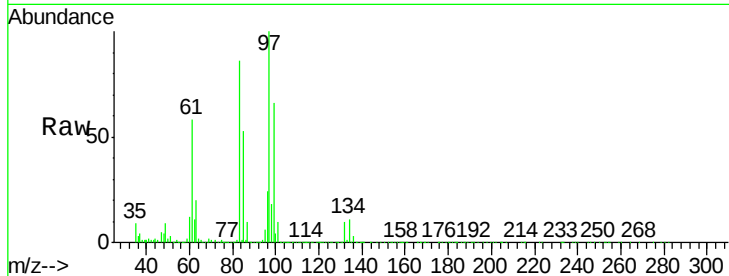
#55
 1,1,2-Trichloroethane
 Concen: 20.843 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		79374		
83	85.5	66.6	99.8		
85	52.7	43.5	65.3		
99	65.6	49.6	74.4		

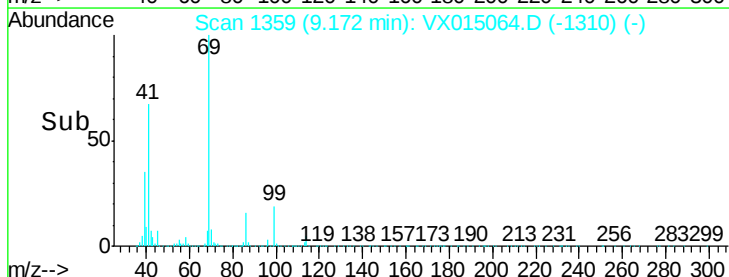
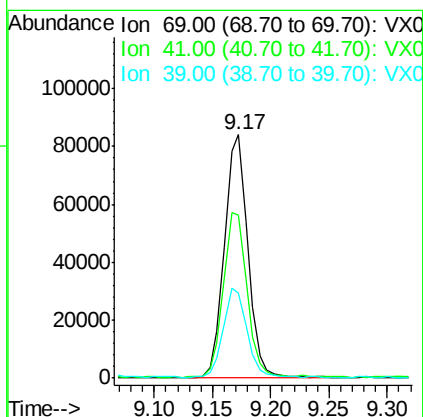
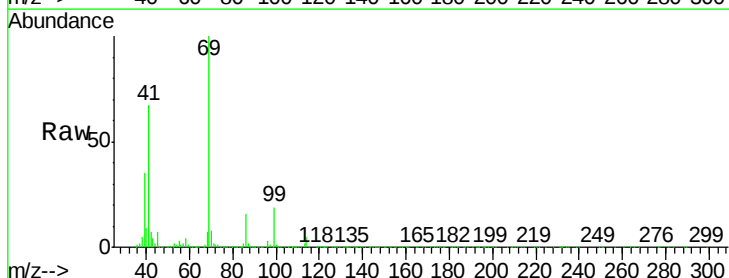
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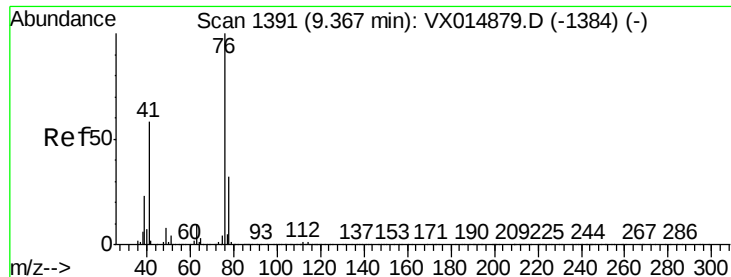
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#56
 Ethyl methacrylate
 Concen: 20.472 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		117182		
41	68.6	54.8	82.2		
39	37.2	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 20.859 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 76 Resp: 133712

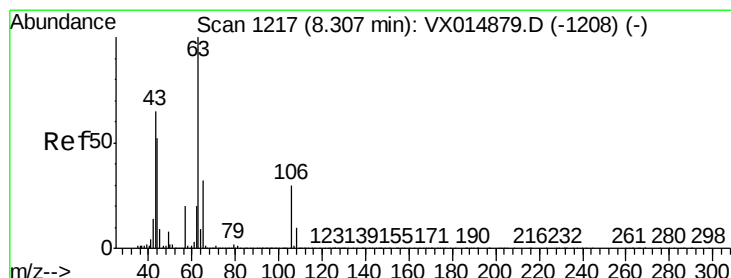
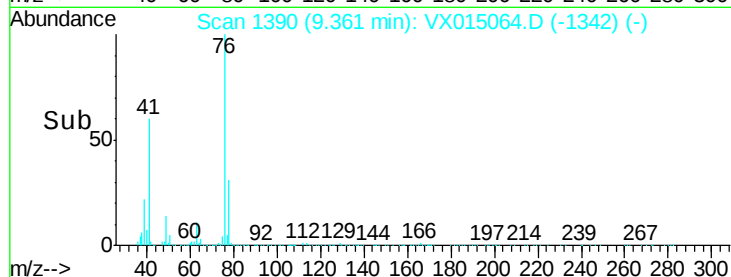
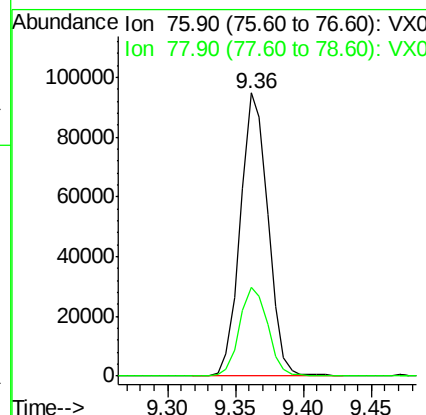
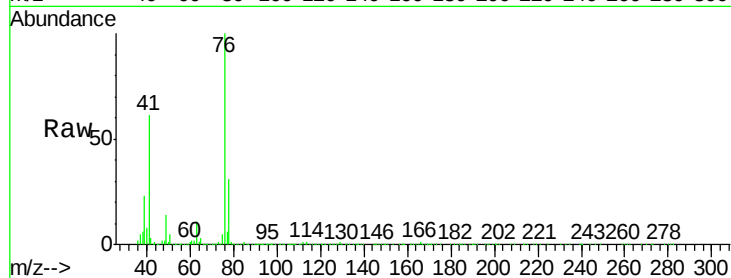
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 108.629 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015064.D

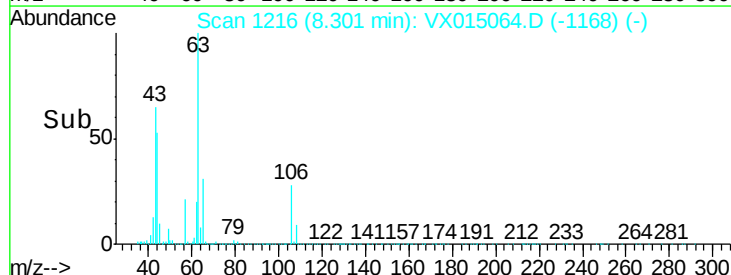
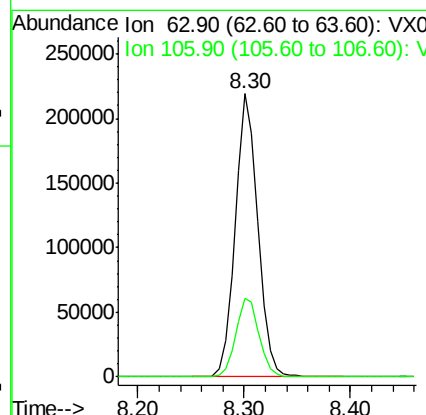
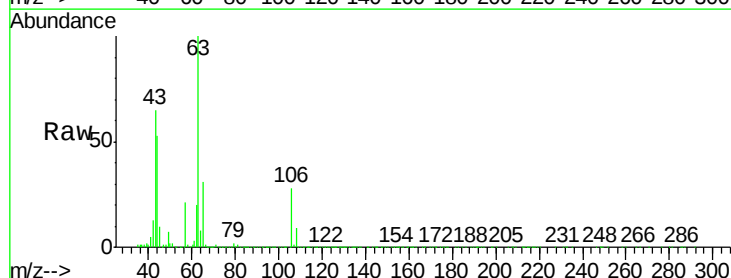
Acq: 02 Mar 2020 11:24

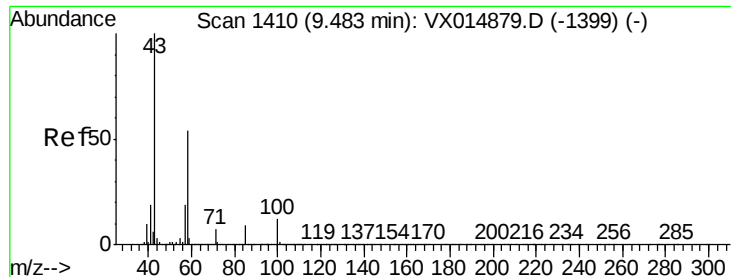
Tgt Ion: 63 Resp: 325182

Ion Ratio Lower Upper

63 100

106 28.6 23.8 35.8





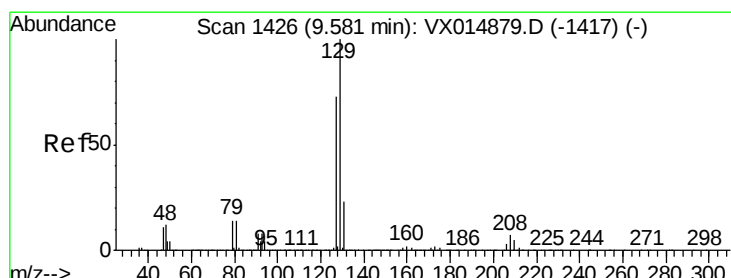
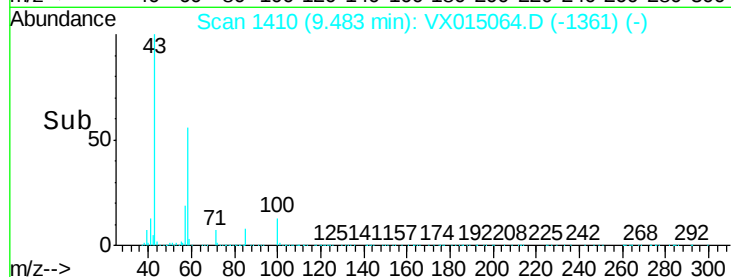
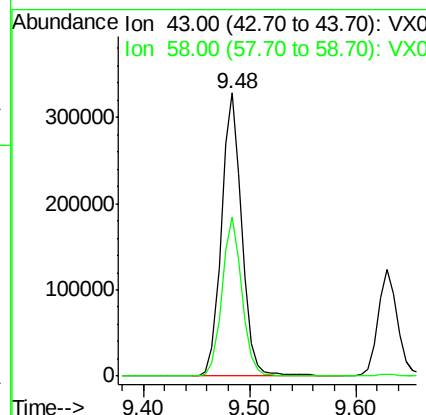
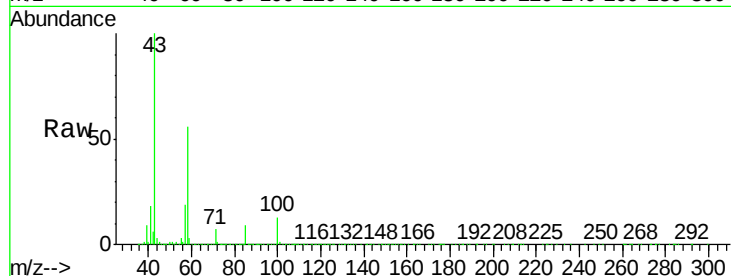
#59
2-Hexanone
Concen: 106.915 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tot Ion: 43 Resp: 433033
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.5

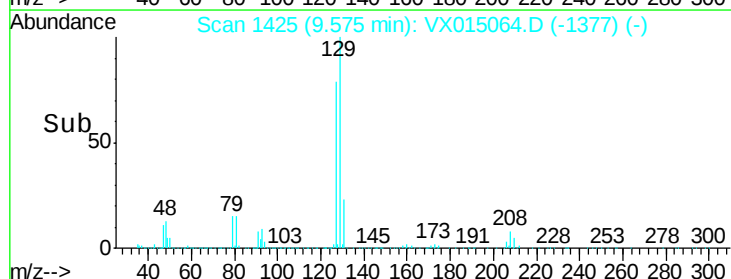
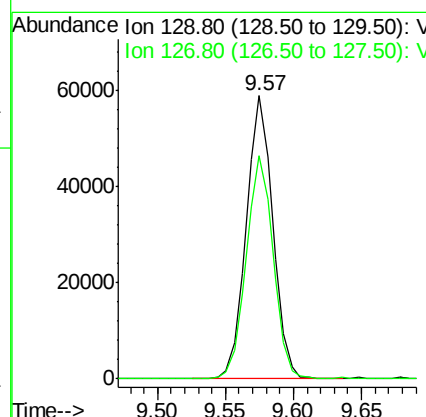
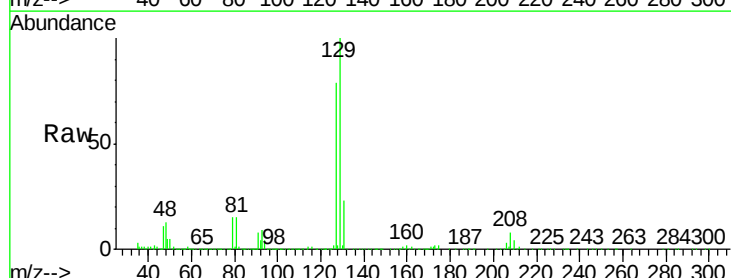
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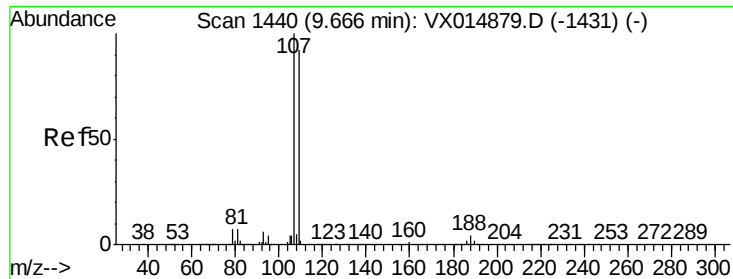
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#60
Dibromochloromethane
Concen: 19.614 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 129 Resp: 80381
Ion Ratio Lower Upper
129 100
127 79.9 37.8 113.3





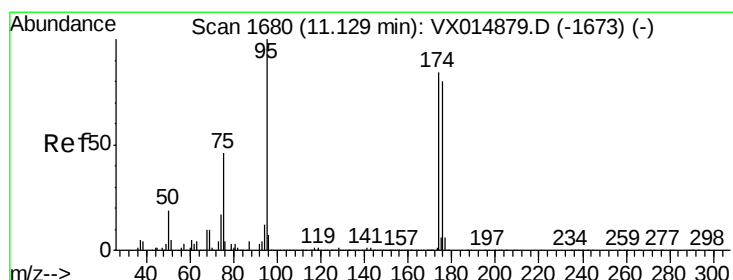
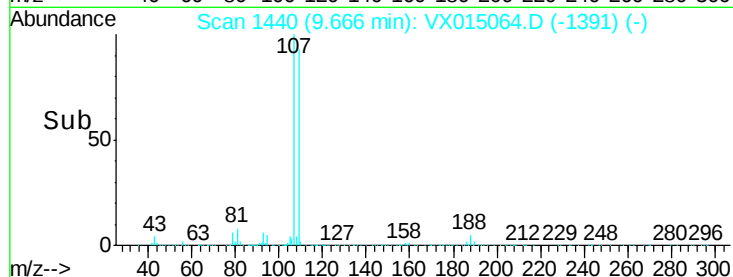
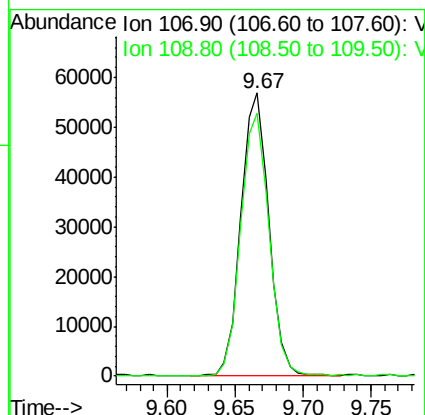
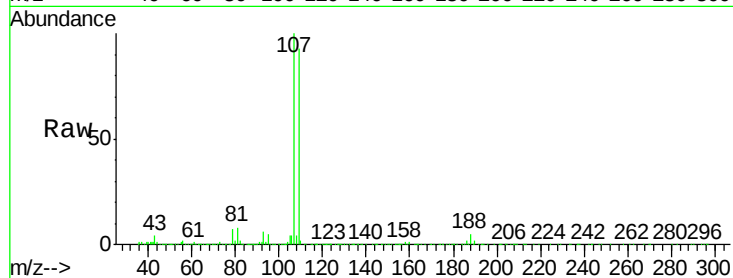
#61
 1,2-Dibromoethane
 Concen: 19.715 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.6	113.4

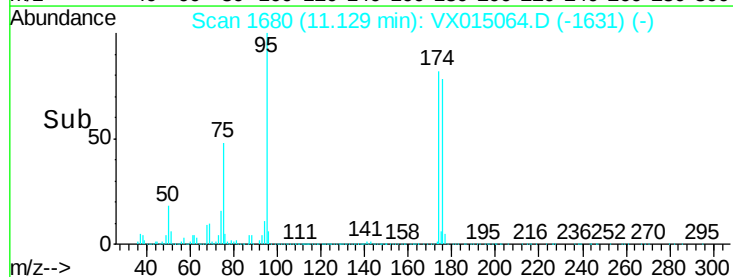
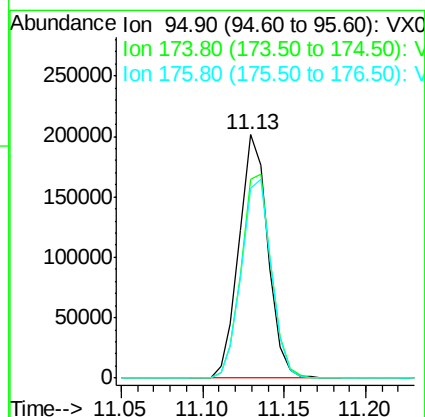
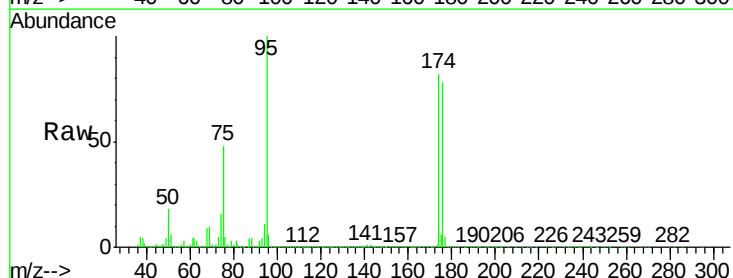
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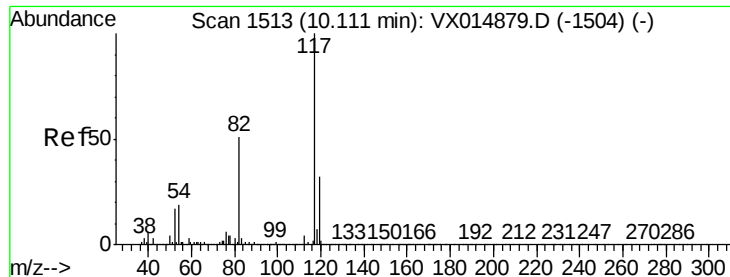
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#62
 4-Bromofluorobenzene
 Concen: 53.047 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	183.0
176	85.5	0.0	178.0





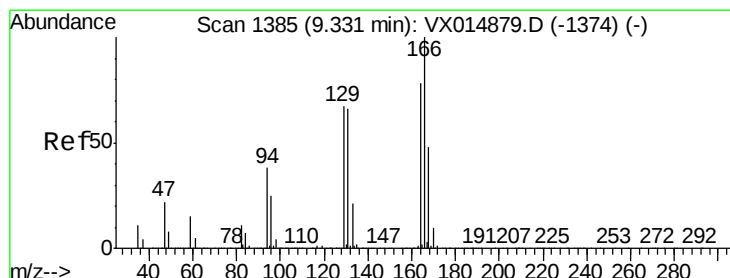
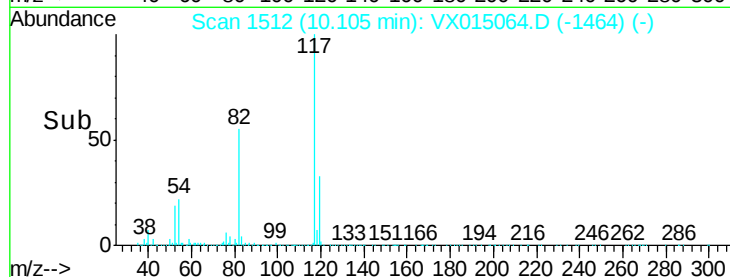
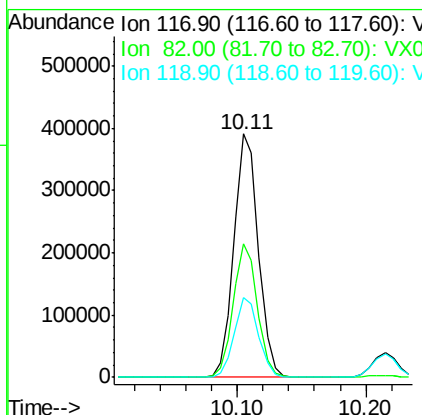
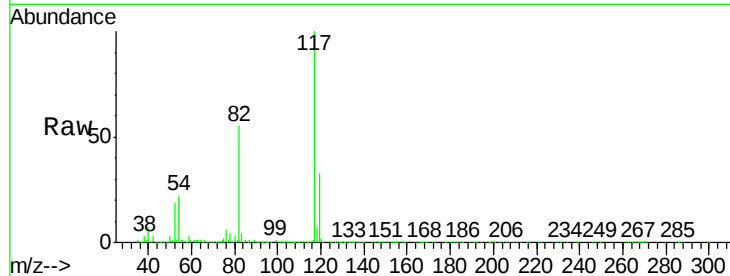
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	32.5	25.8	38.6

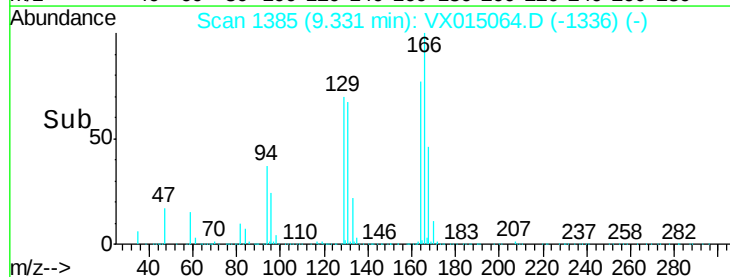
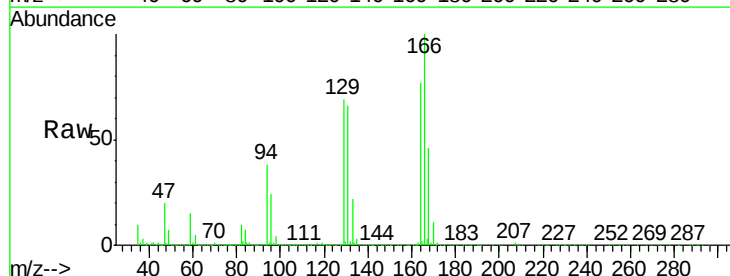
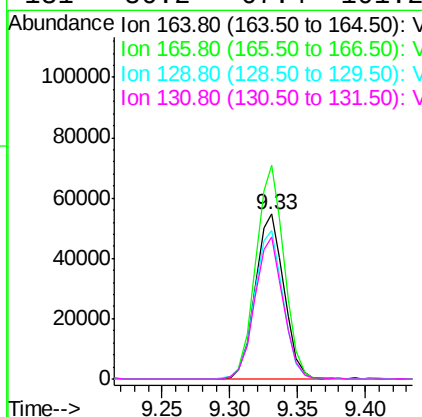
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#64
Tetrachloroethene
Concen: 16.697 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.6	153.8
129	89.8	68.3	102.5
131	86.2	67.4	101.2





#65

Chlorobenzene

Concen: 19.306 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion:112 Resp: 202943

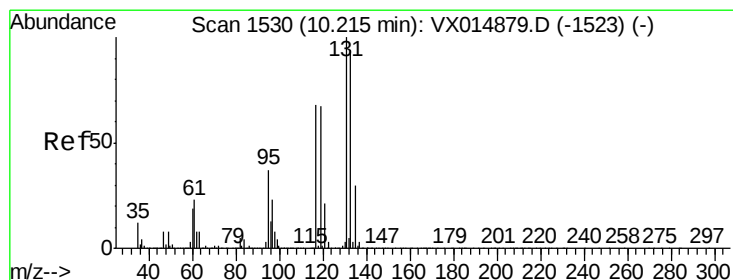
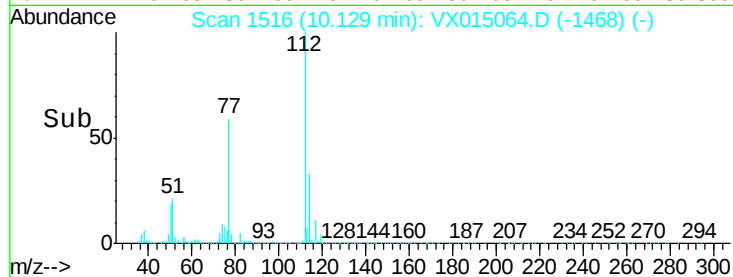
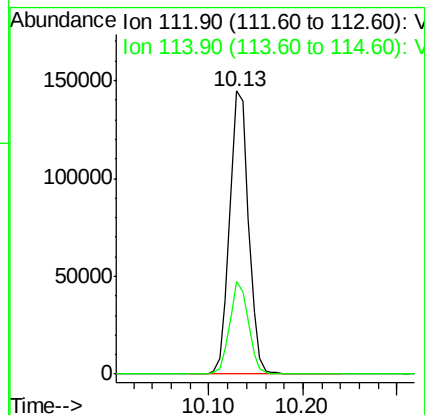
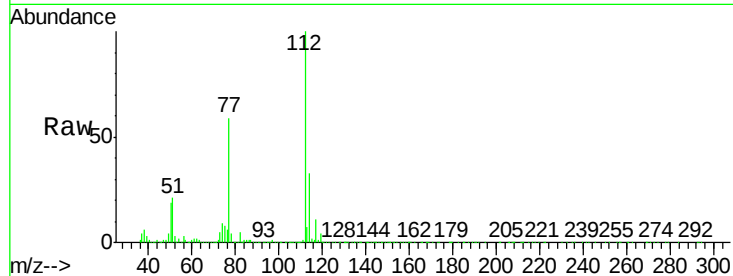
Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.034 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

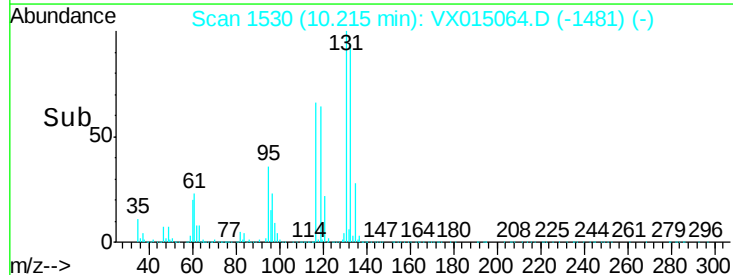
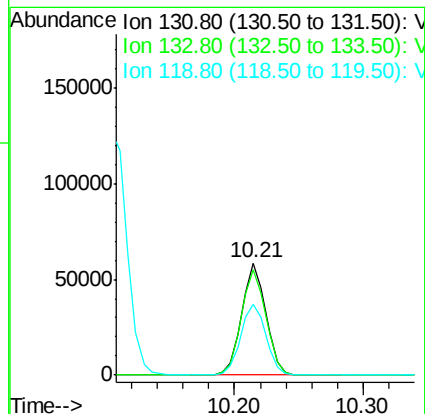
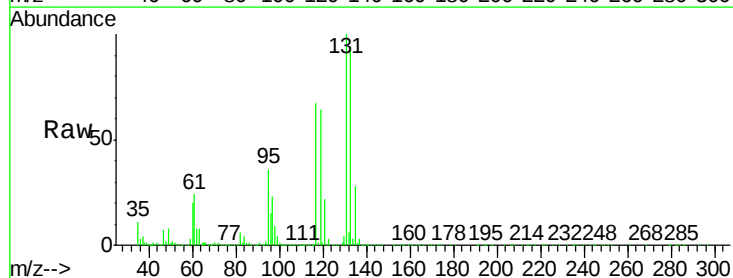
Tgt Ion:131 Resp: 76456

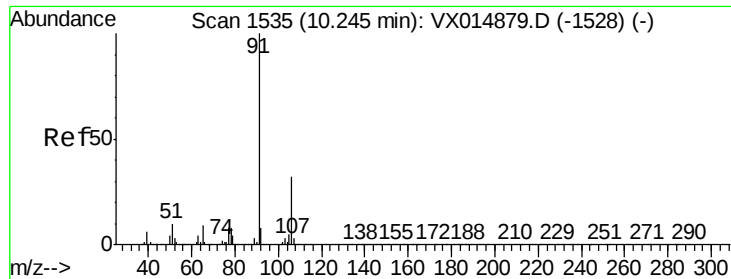
Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

119 65.6 33.0 99.0





#67

Ethyl Benzene

Concen: 19.570 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 91 Resp: 349879

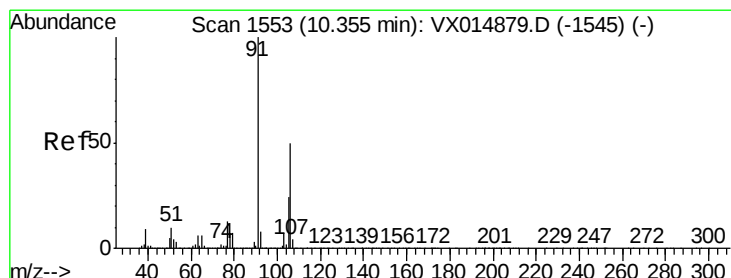
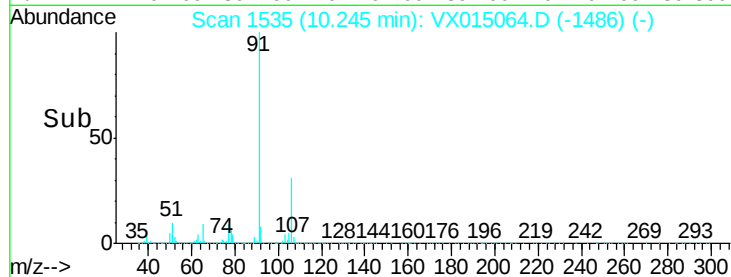
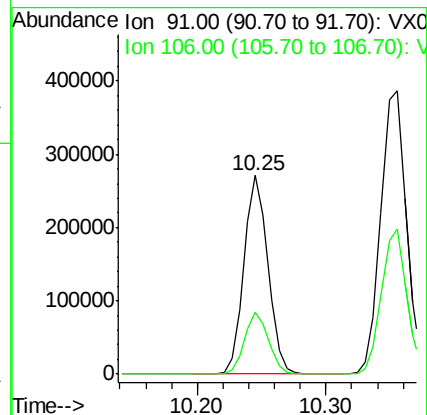
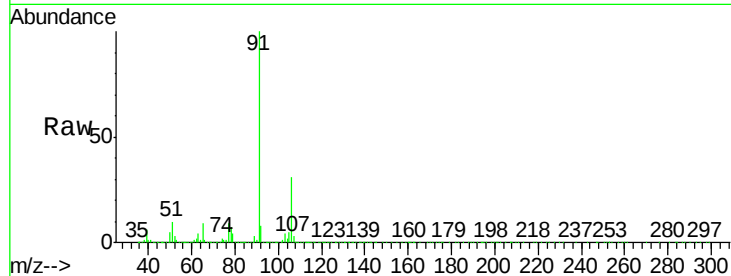
Ion Ratio Lower Upper

91 100

106 31.0 25.3 37.9

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#68

m/p-Xylenes

Concen: 38.948 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015064.D

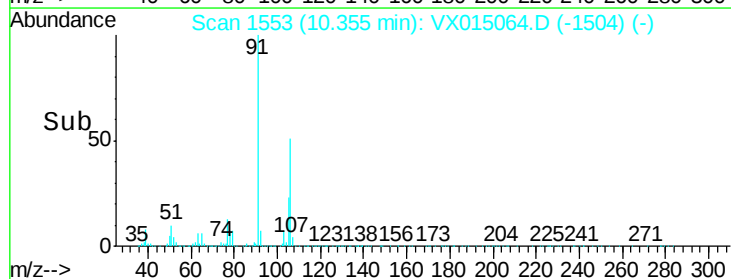
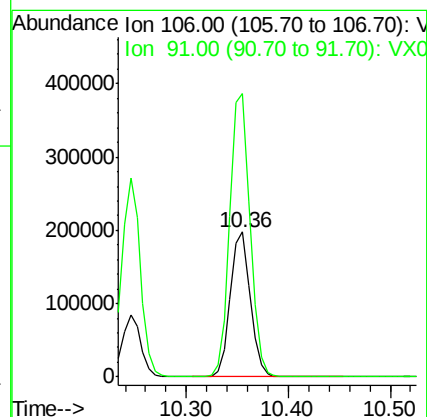
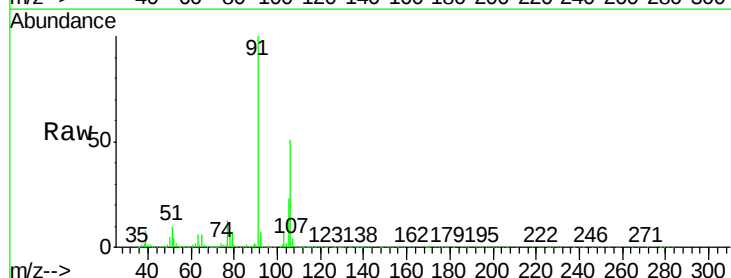
Acq: 02 Mar 2020 11:24

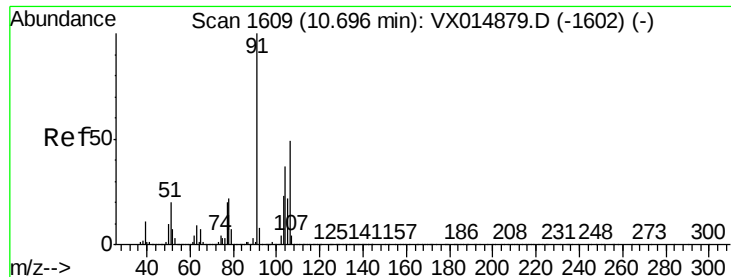
Tgt Ion: 106 Resp: 268243

Ion Ratio Lower Upper

106 100

91 198.6 160.6 240.8





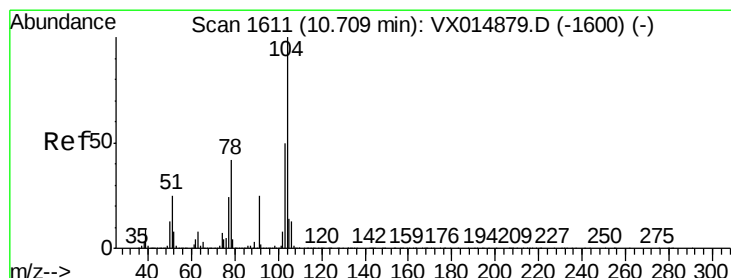
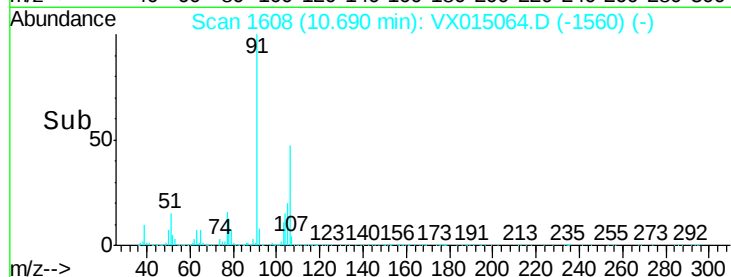
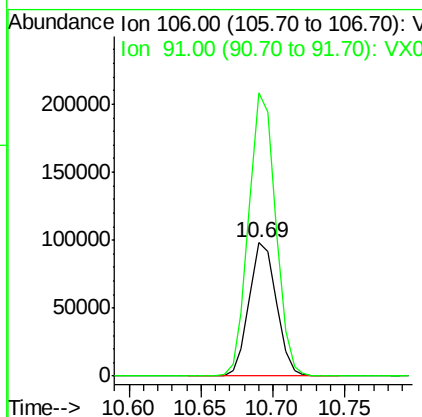
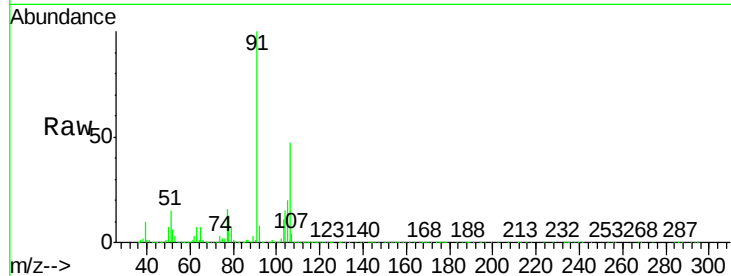
#69
o-Xylene
Concen: 19.349 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	128096		
91	209.9	105.1	315.3	

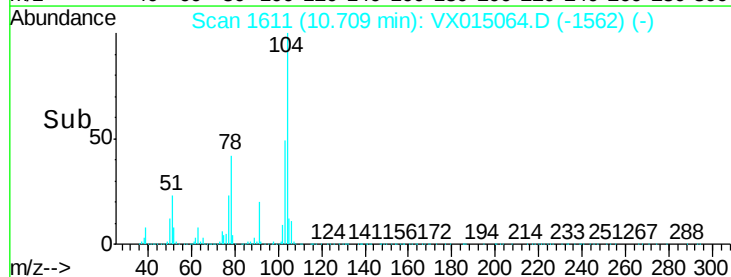
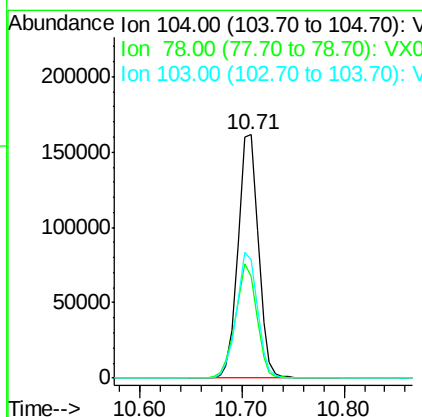
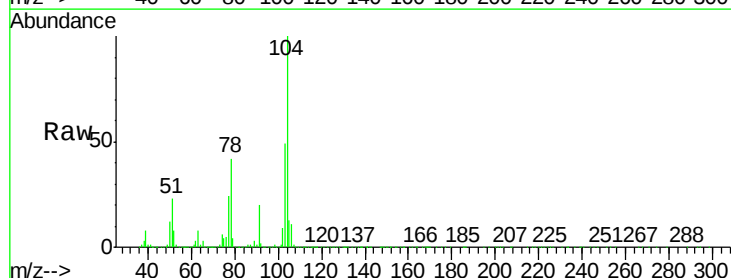
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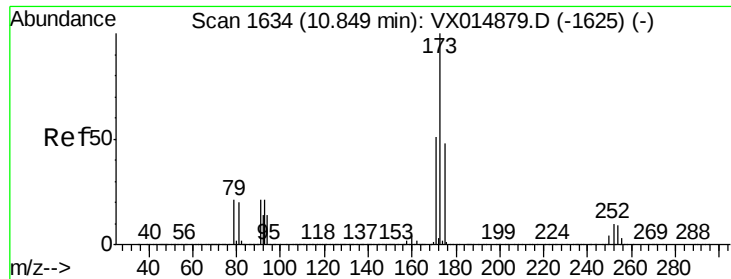
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#70
Styrene
Concen: 19.899 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	222868		
78	48.6	39.0	58.4	
103	53.0	43.4	65.0	





#71

Bromoform

Concen: 19.496 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

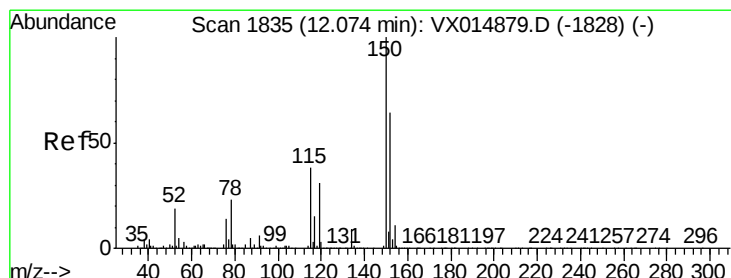
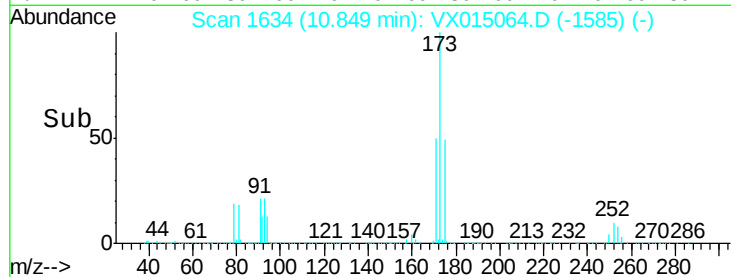
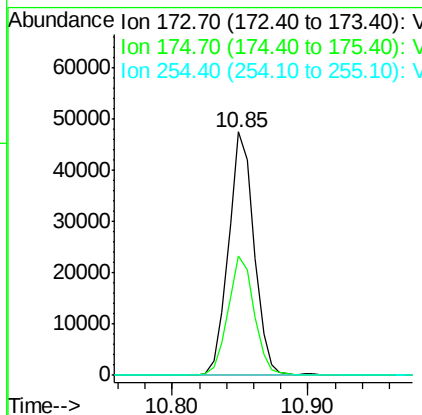
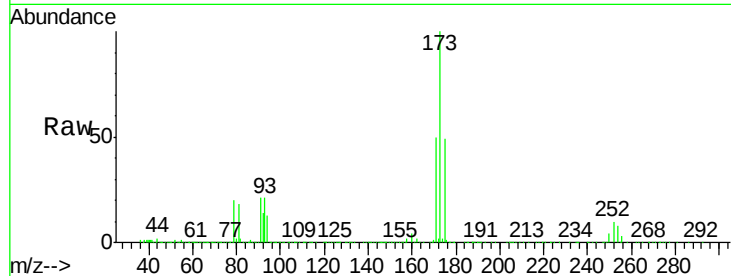
ClientSampleId :

VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.2	72.6
254	0.3	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

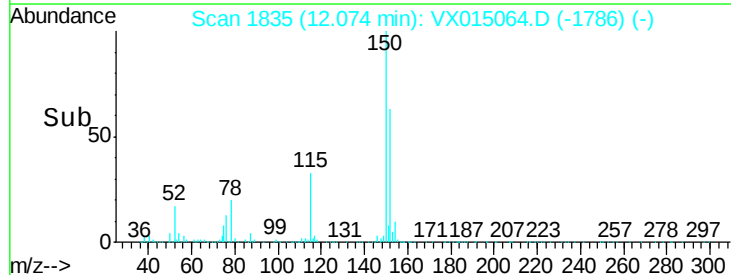
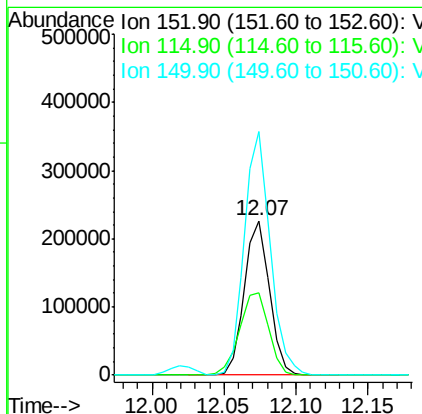
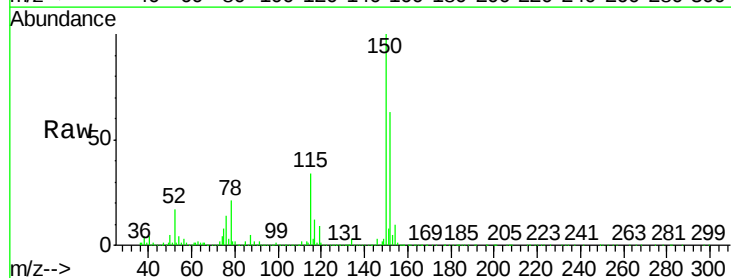
RT: 12.07 min Scan# 1835

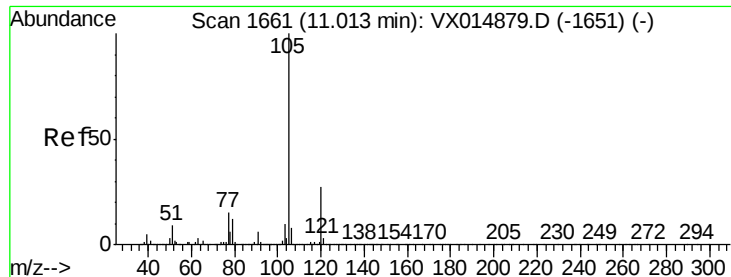
Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	38.6	116.0
150	163.1	0.0	349.0





#73

Isopropylbenzene

Concen: 20.141 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tot Ion: 105 Resp: 344275

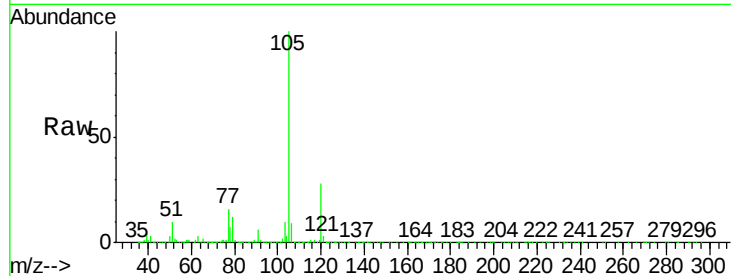
Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8

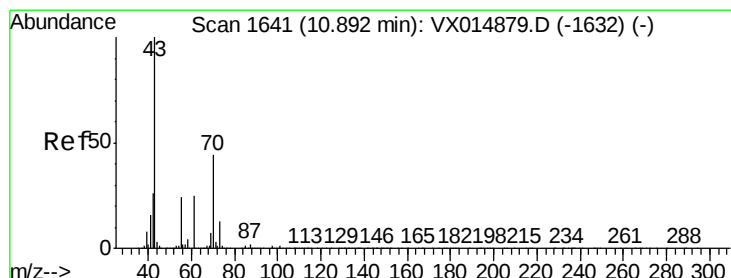
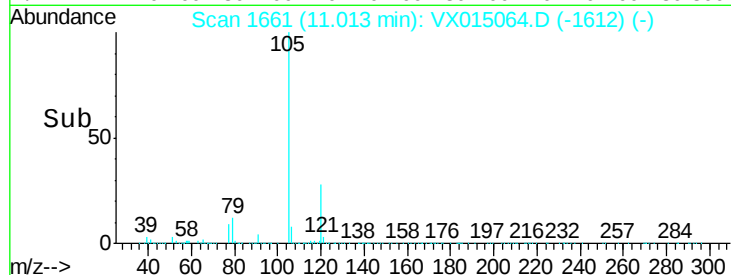
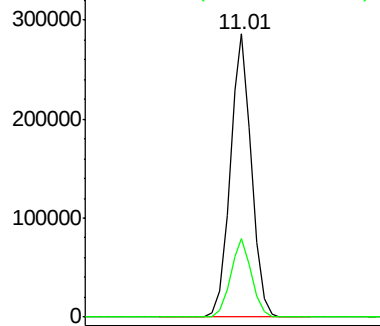
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.050 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion: 43 Resp: 149505

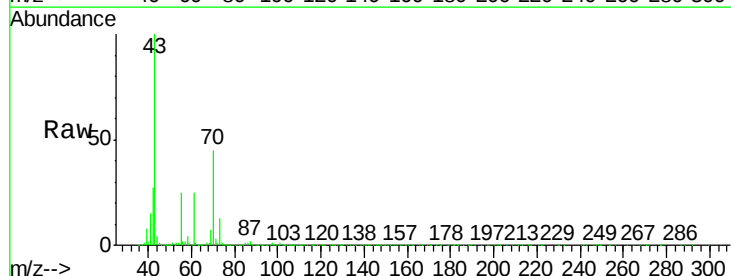
Ion Ratio Lower Upper

43 100

70 44.2 35.0 52.4

55 25.1 19.4 29.2

61 24.6 19.8 29.6

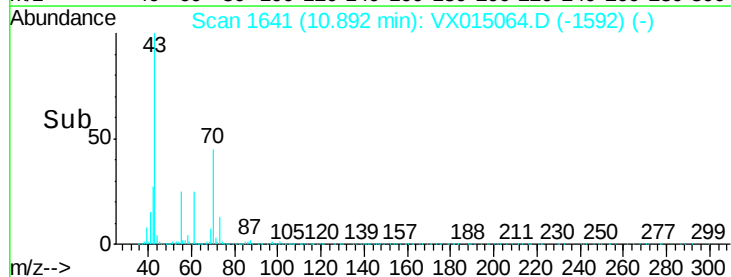
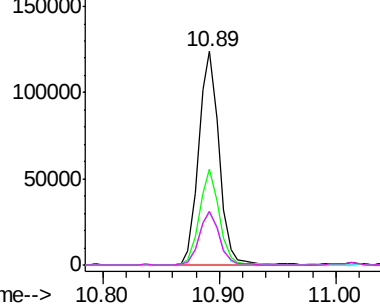


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.811 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

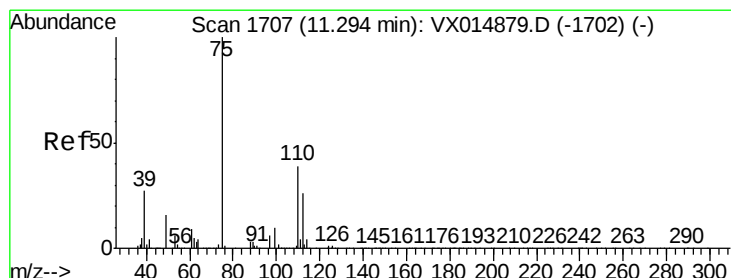
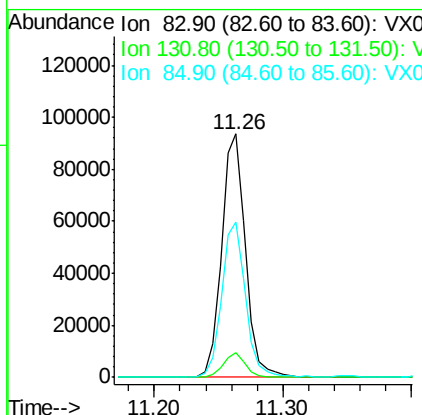
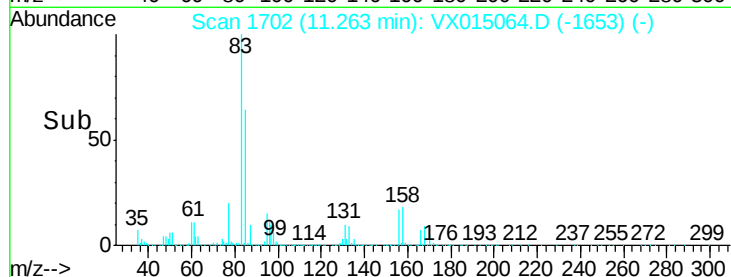
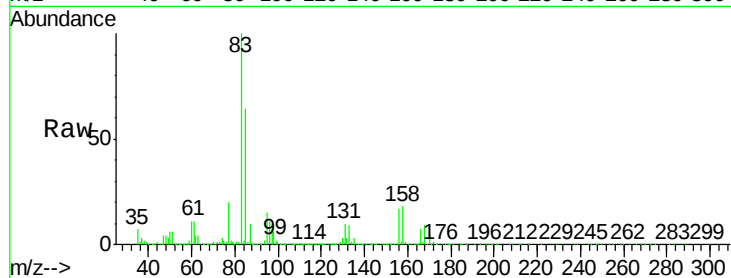
ClientSampleId :

VX0302WBSD01

Tot Ion:	83	Resp:	121871
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.3	16.1
85	63.4	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.686 ug/l m

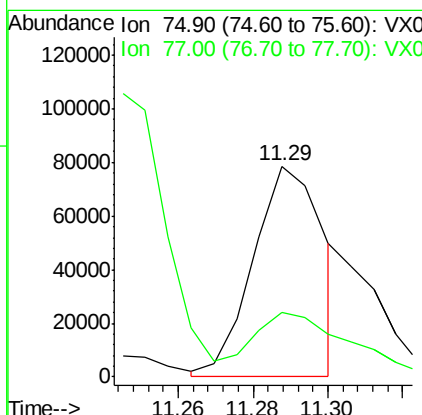
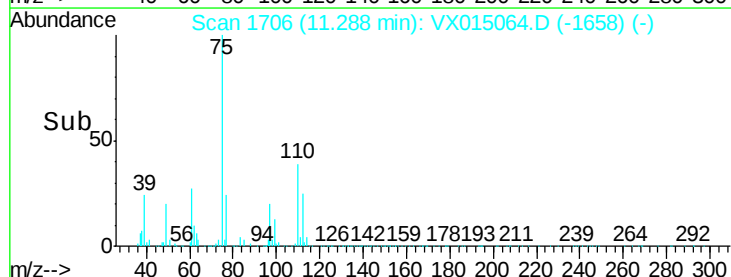
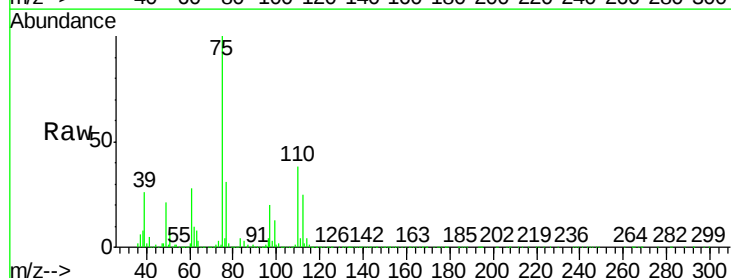
RT: 11.29 min Scan# 1706

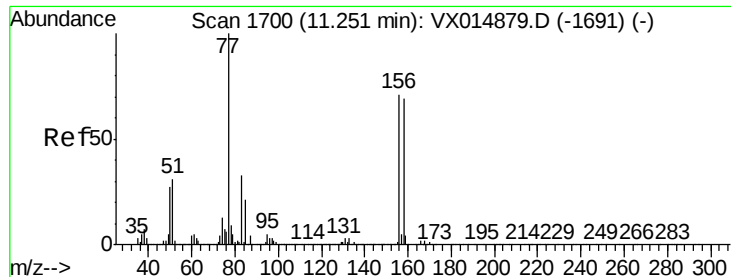
Delta R.T. -0.01 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	75	Resp:	101961
Ion Ratio	Lower	Upper	
75	100		
77	42.7	18.4	55.0





#77

Bromobenzene

Concen: 19.399 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

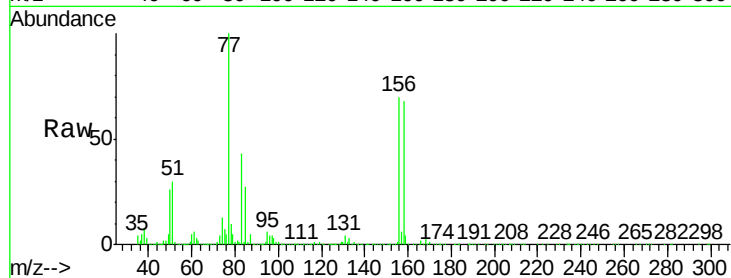
ClientSampleId :

VX0302WBSD01

Tot Ion:	156	Resp:	92554
Ion Ratio	Lower	Upper	
156	100		
77	150.8	74.0	222.0
158	98.1	48.9	146.6

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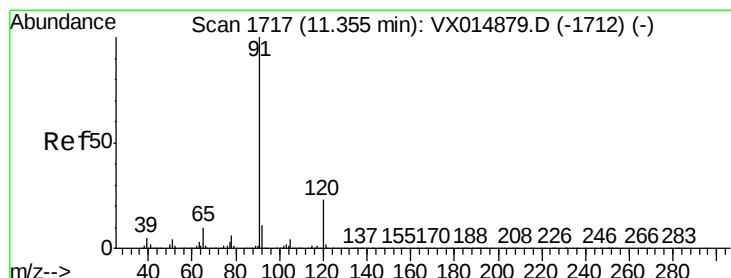
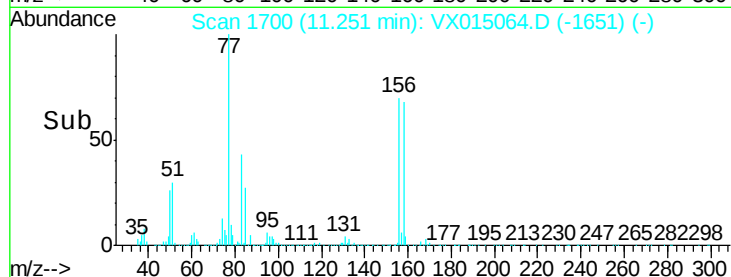
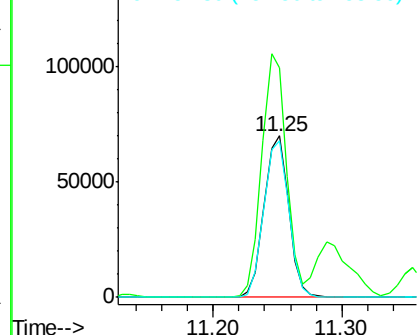
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.211 ug/l

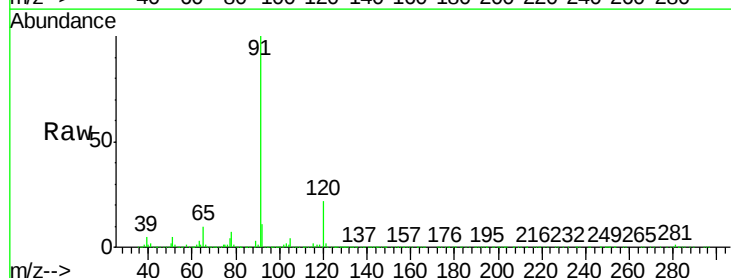
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015064.D

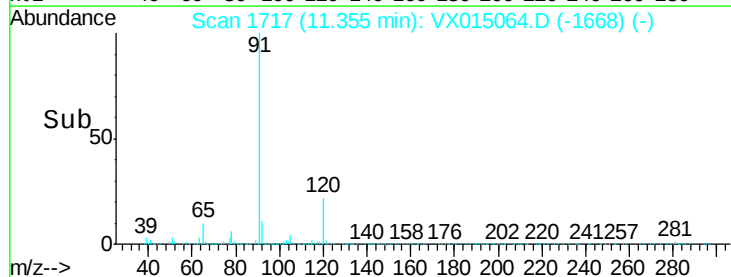
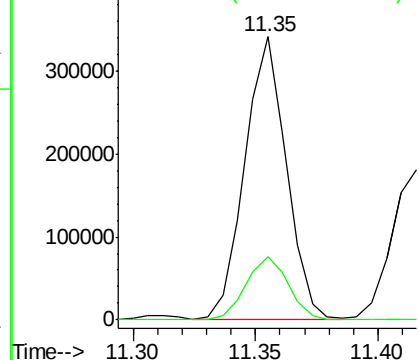
Acq: 02 Mar 2020 11:24

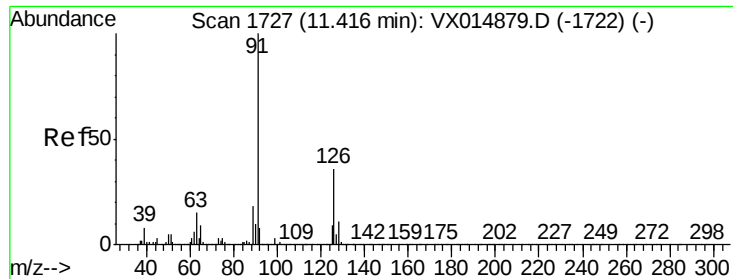
Tgt Ion:	91	Resp:	399586
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





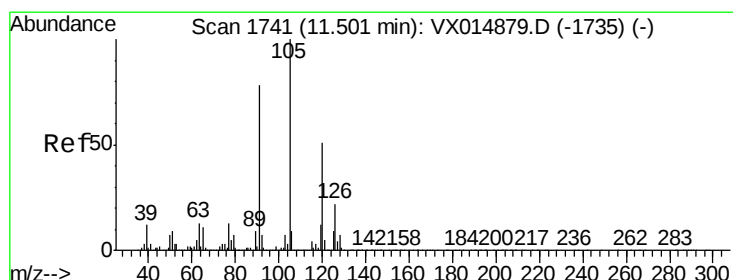
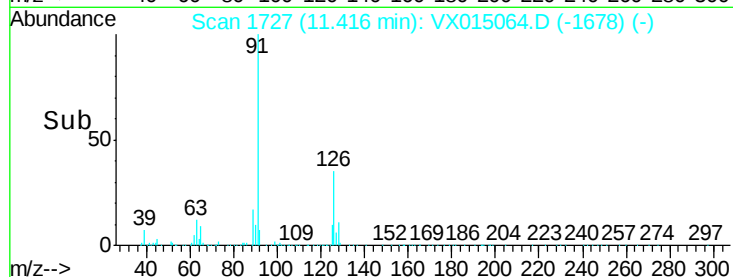
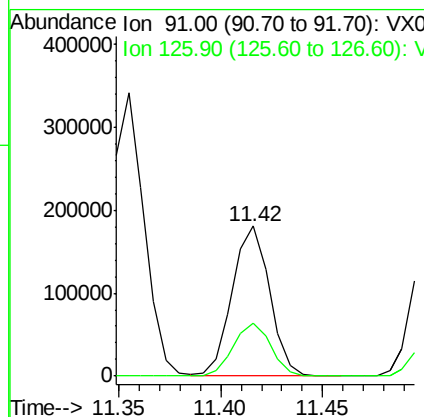
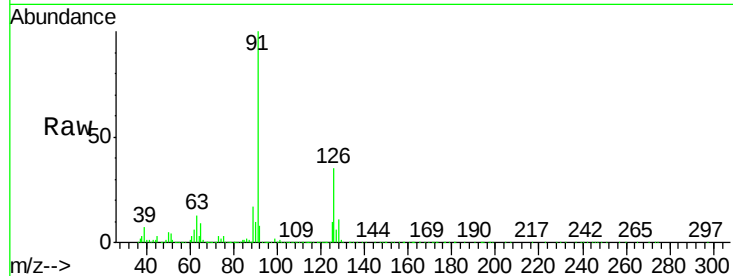
#79
2-Chlorotoluene
Concen: 19.652 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion: 91 Resp: 228414
Ion Ratio Lower Upper
91 100
126 35.4 18.0 54.0

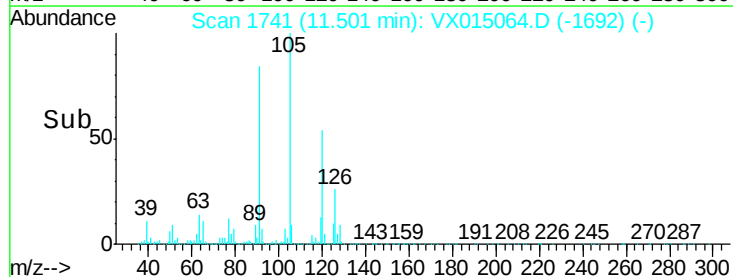
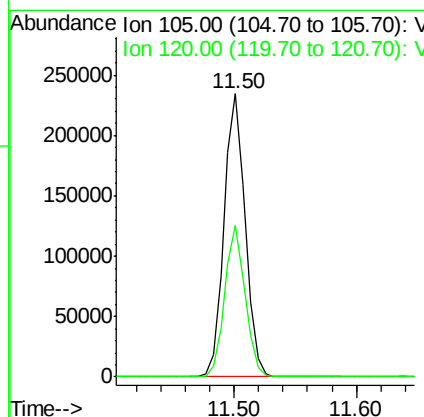
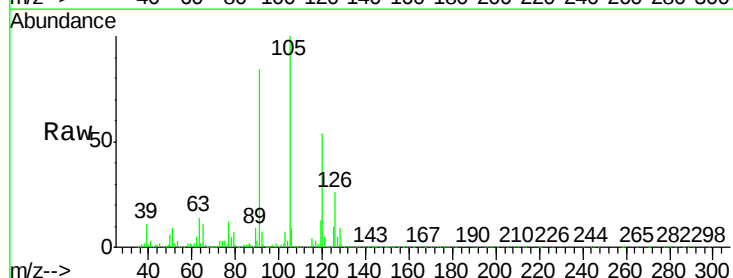
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#80
1,3,5-Trimethylbenzene
Concen: 19.613 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion: 105 Resp: 280125
Ion Ratio Lower Upper
105 100
120 51.7 25.6 76.6





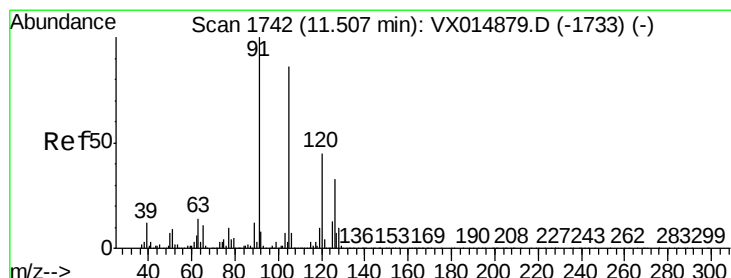
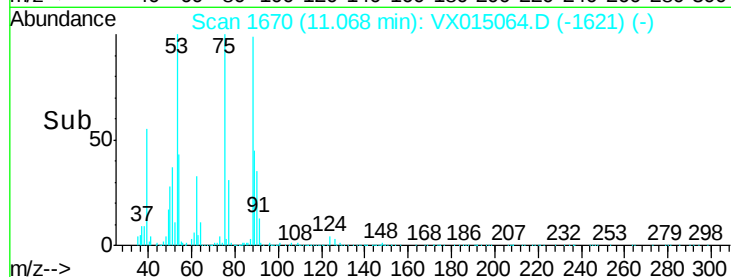
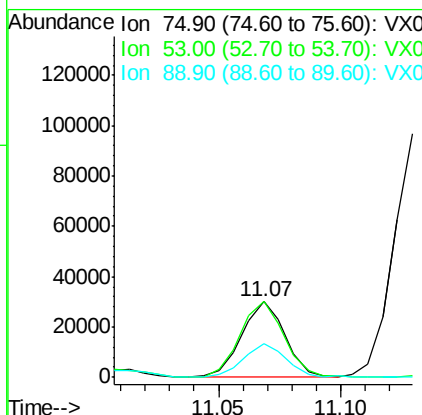
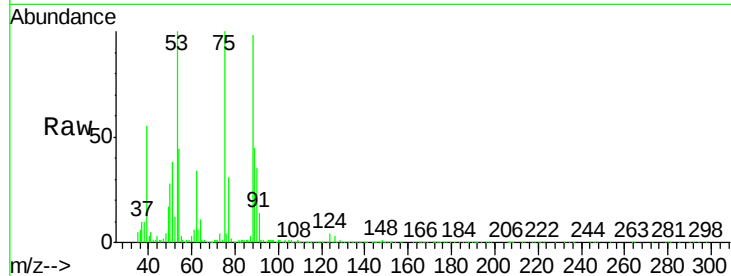
#81
trans-1,4-Dichloro-2-butene
Concen: 18.948 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.6	76.2	114.2
89	45.7	35.8	53.6

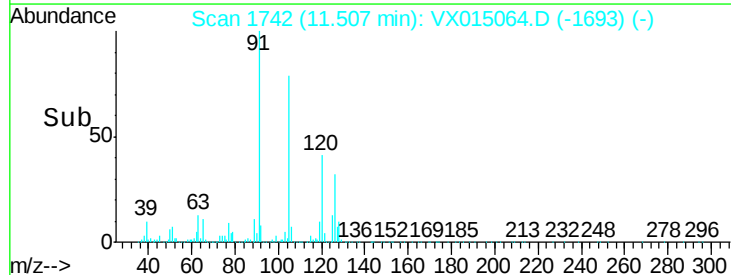
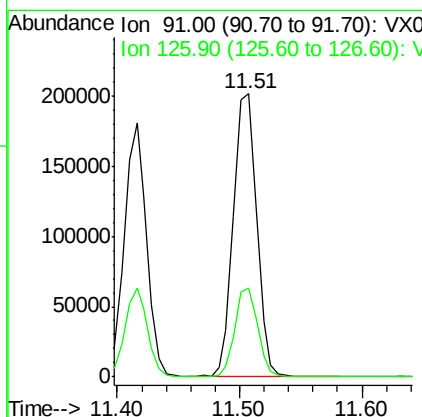
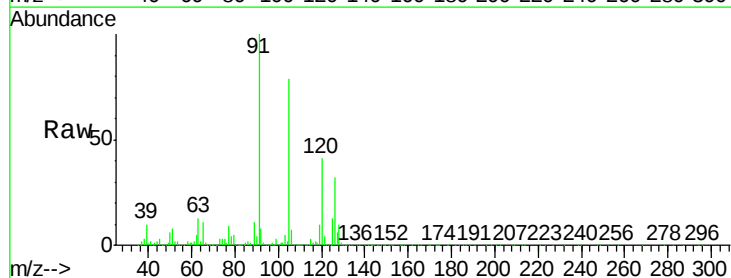
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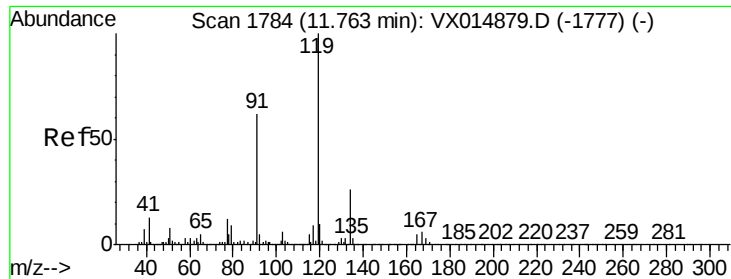
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#82
4-Chlorotoluene
Concen: 19.200 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





#83

tert-Butylbenzene

Concen: 20.101 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Instrument :

MSVOA_X

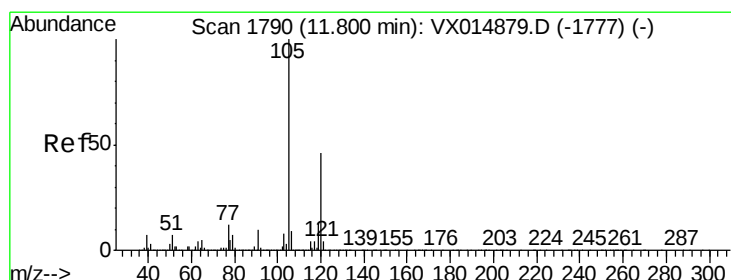
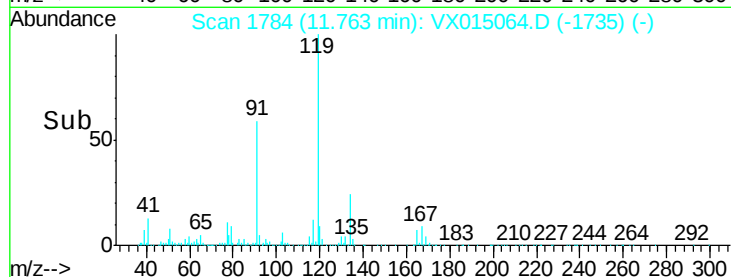
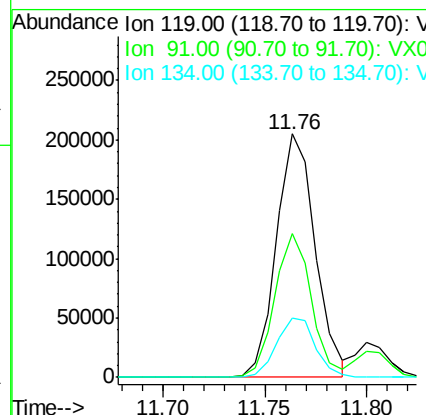
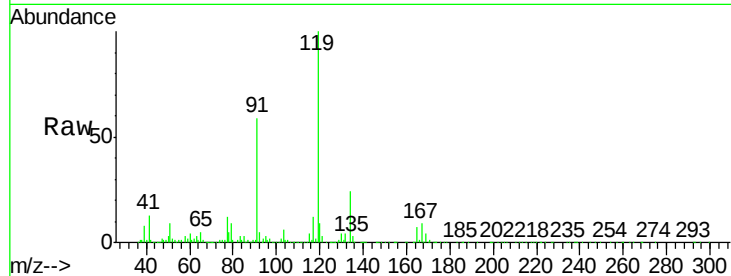
ClientSampleId :

VX0302WBSD01

Tot Ion:	119	Resp:	271862
Ion Ratio	Lower	Upper	
119	100		
91	55.7	29.5	88.6
134	24.5	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.781 ug/l

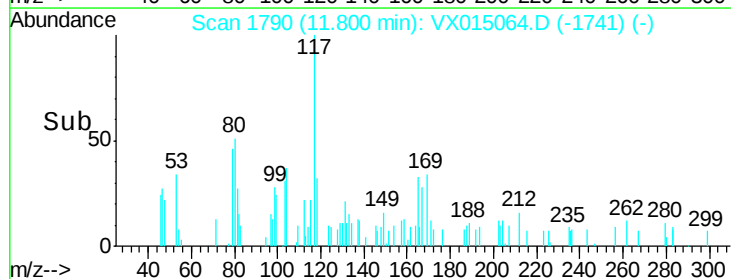
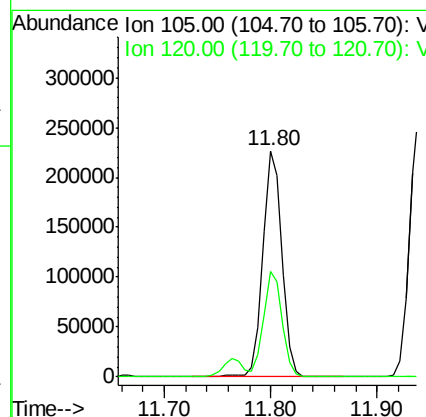
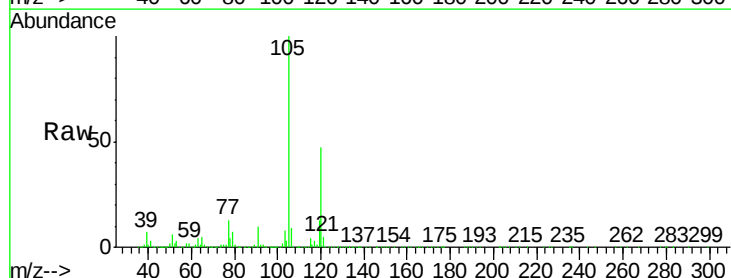
RT: 11.80 min Scan# 1790

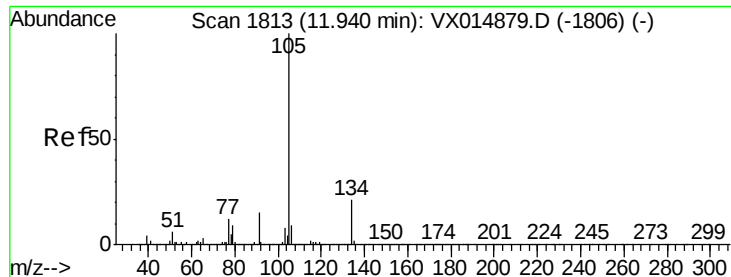
Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion:	105	Resp:	284720
Ion Ratio	Lower	Upper	
105	100		
120	45.3	23.0	69.0





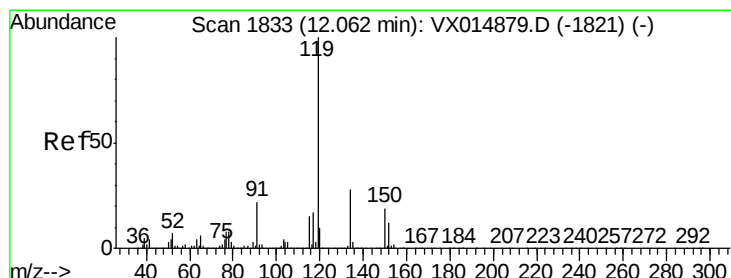
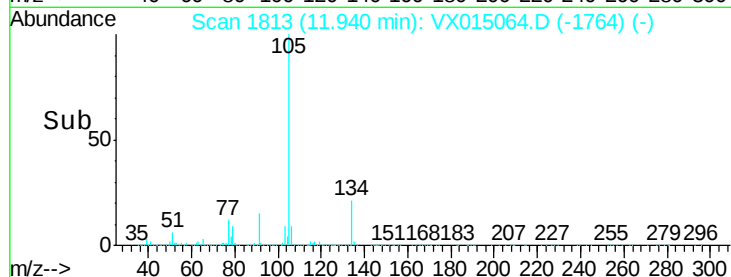
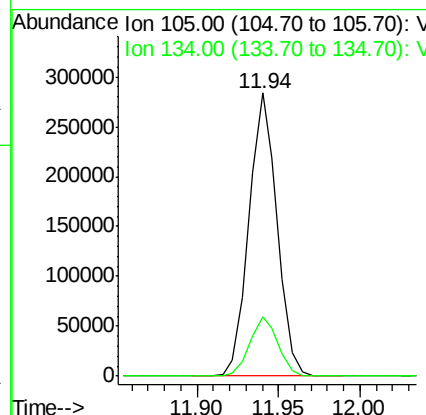
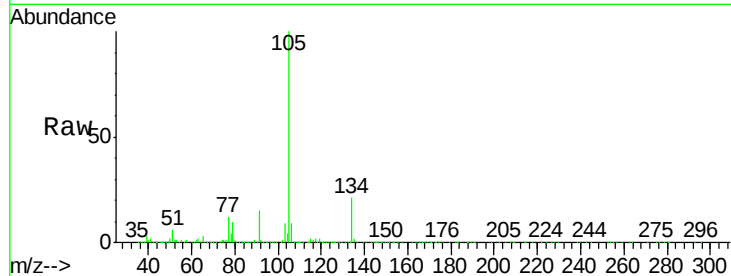
#85
 sec-Butylbenzene
 Concen: 20.250 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.6	31.8

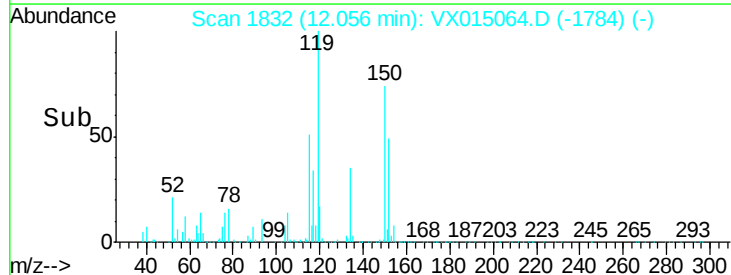
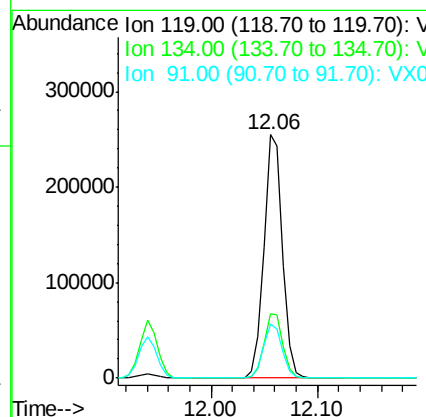
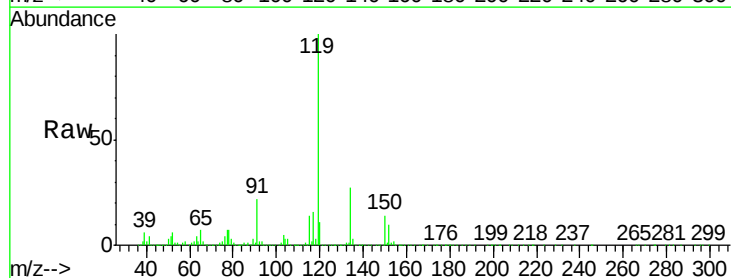
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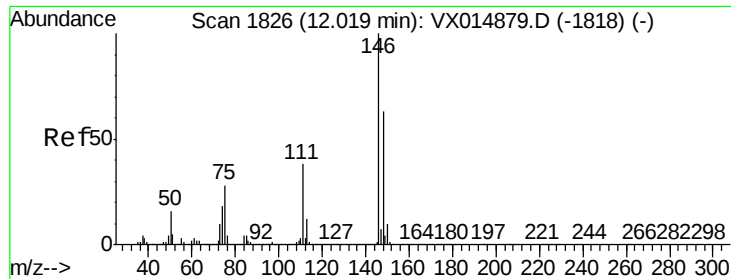
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#86
 p-Isopropyltoluene
 Concen: 19.755 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.5
91	22.6	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 19.245 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

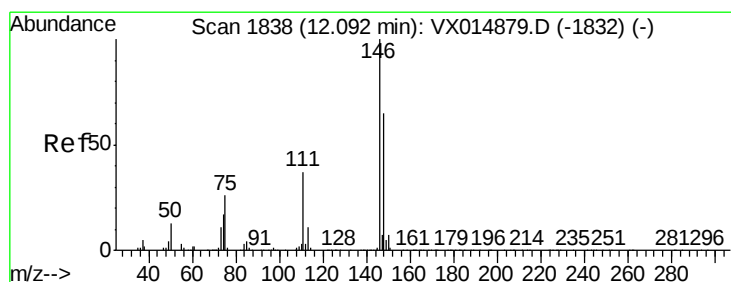
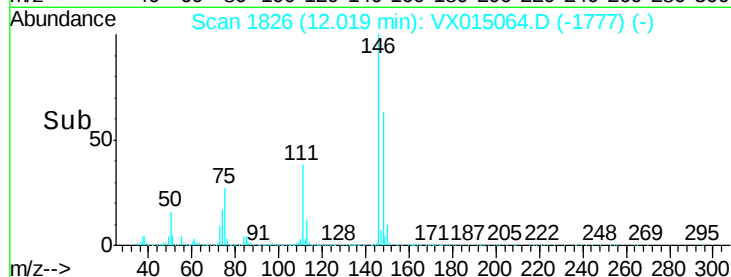
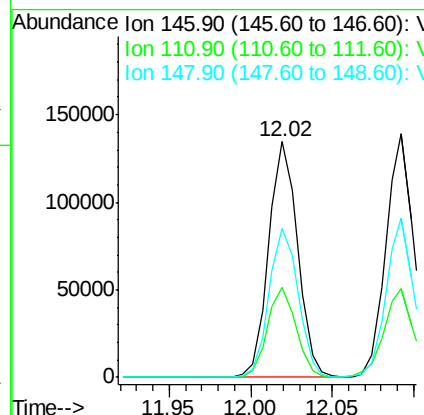
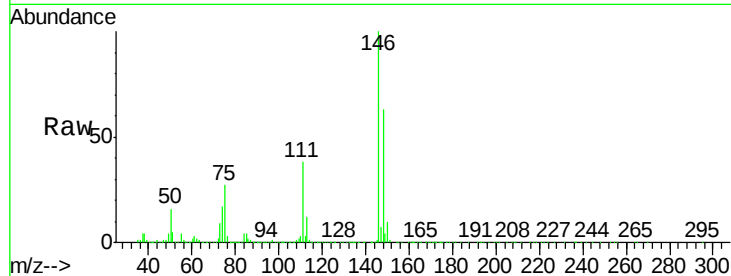
Instrument :
MSVOA_X

ClientSampled :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	63.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 18.871 ug/l

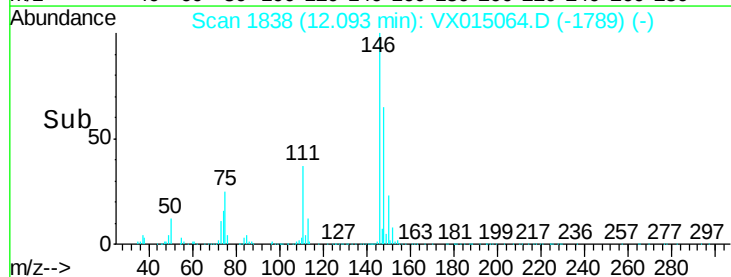
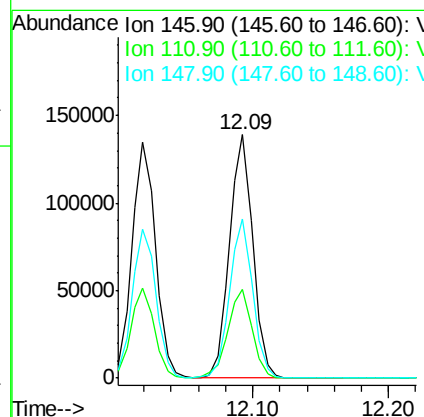
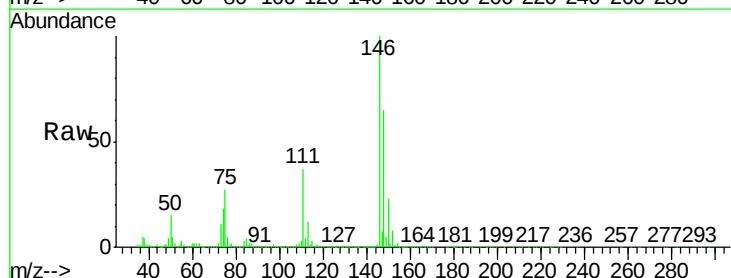
RT: 12.09 min Scan# 1838

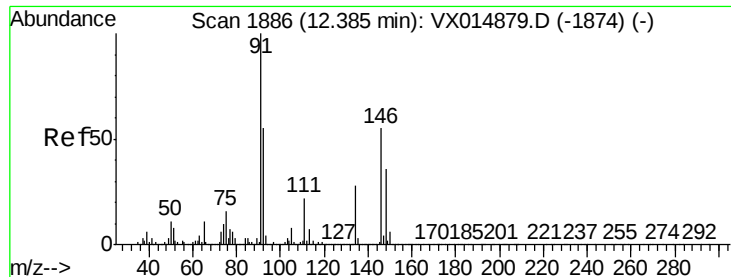
Delta R.T. 0.00 min

Lab File: VX015064.D

Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.6
148	65.0	32.4	97.0





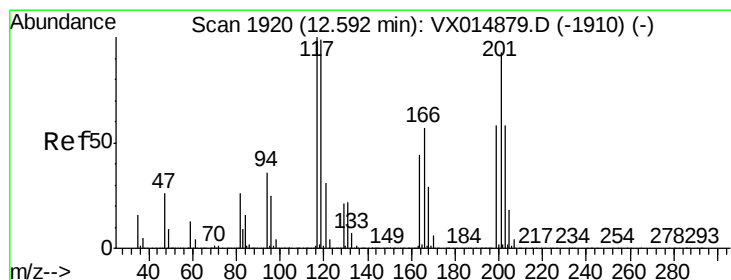
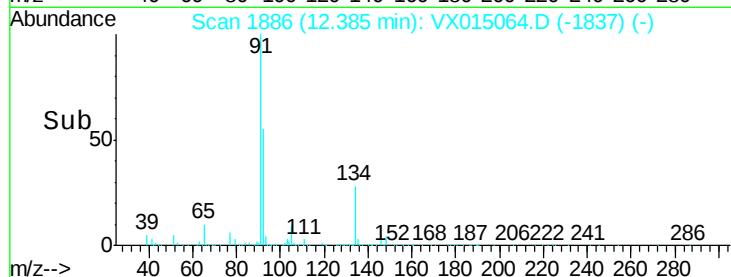
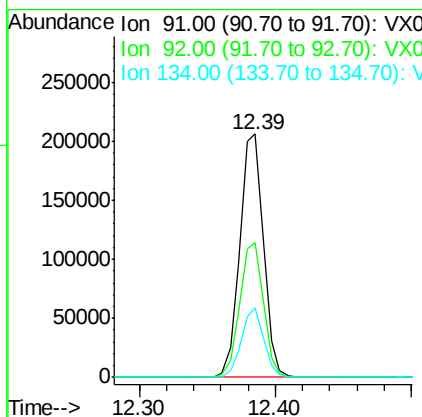
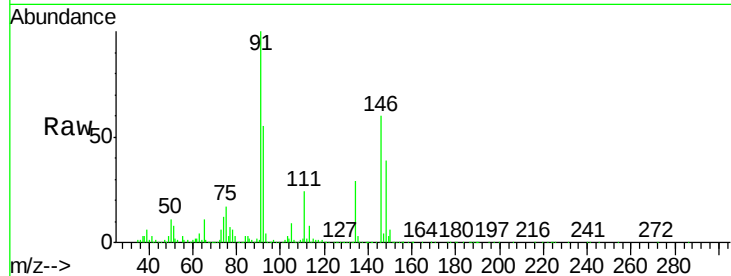
#89
n-Butylbenzene
Concen: 17.622 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.3	81.8
134	27.3	13.8	41.4

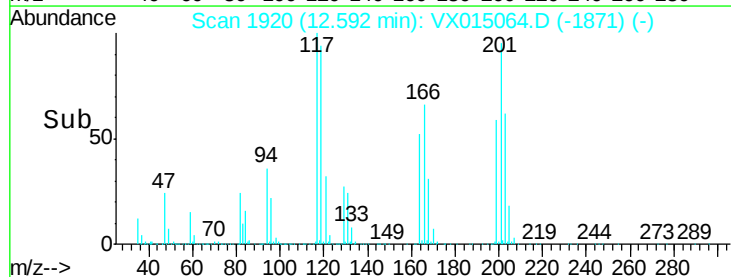
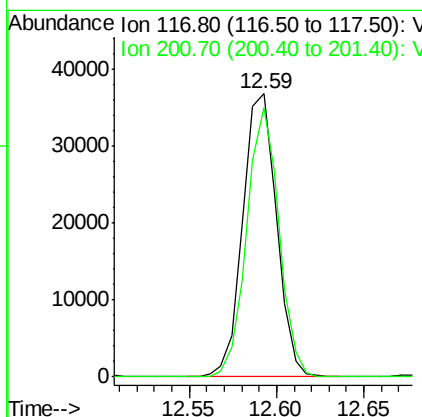
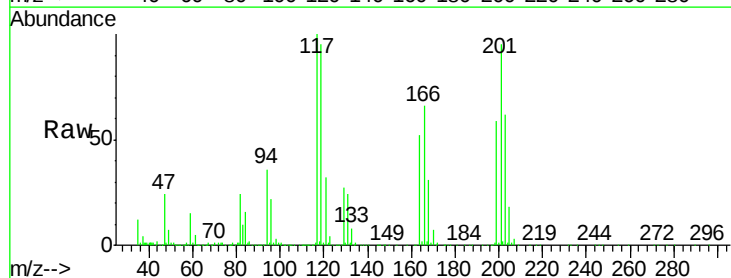
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#90
Hexachloroethane
Concen: 18.036 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	44.8	134.3





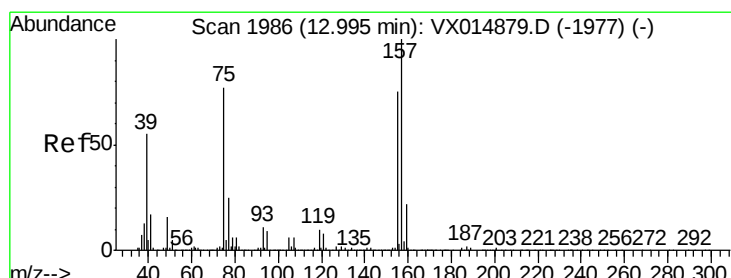
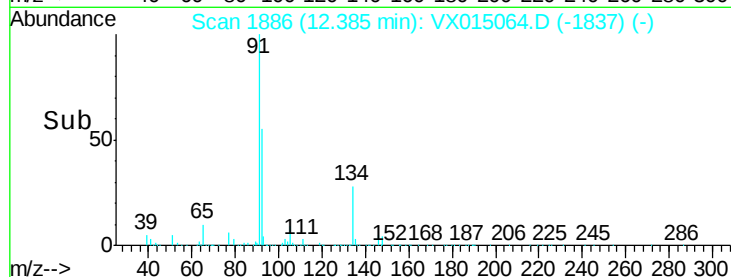
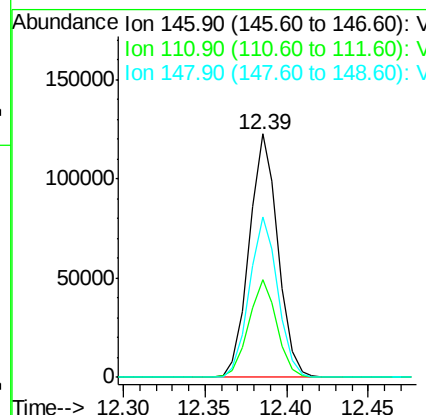
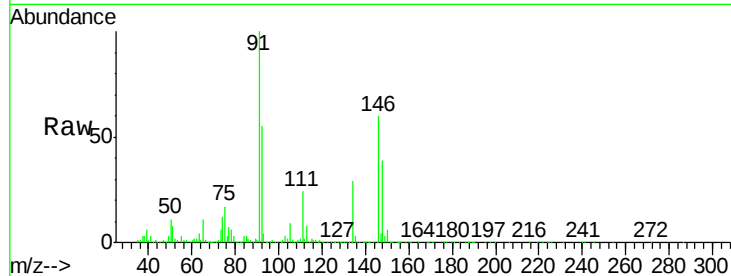
#91
 1,2-Dichlorobenzene
 Concen: 17.840 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	66.1	32.4	97.2

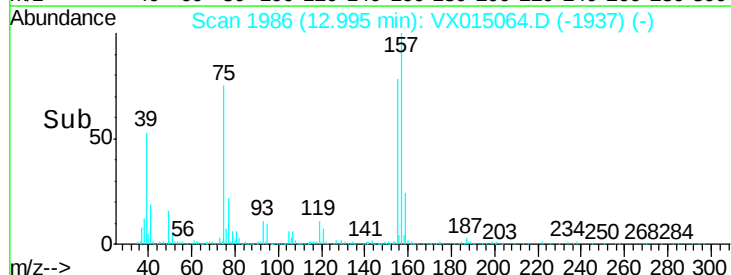
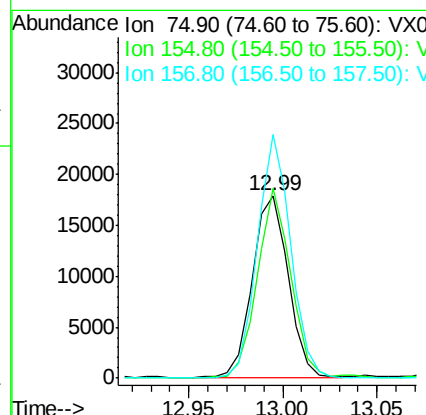
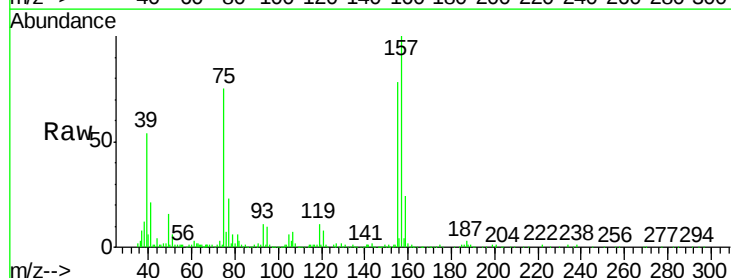
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.987 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	48.6	145.9
157	124.0	62.0	186.0





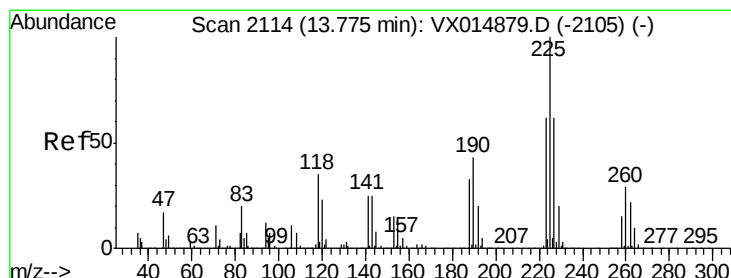
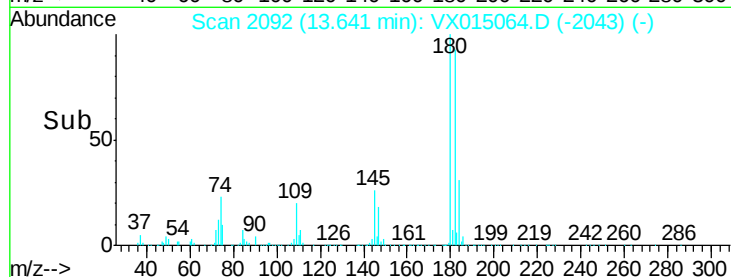
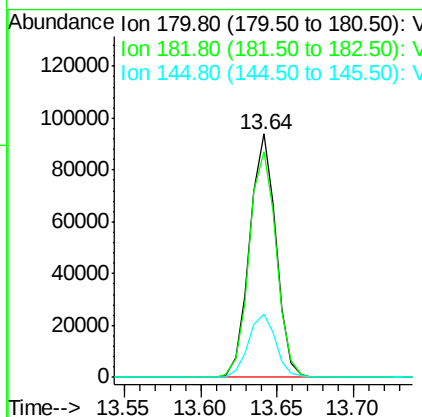
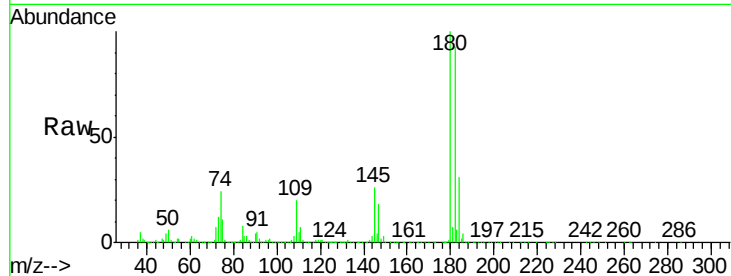
#93
 1,2,4-Trichlorobenzene
 Concen: 18.092 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	48.4	145.3	
145	27.3	14.1	42.4	

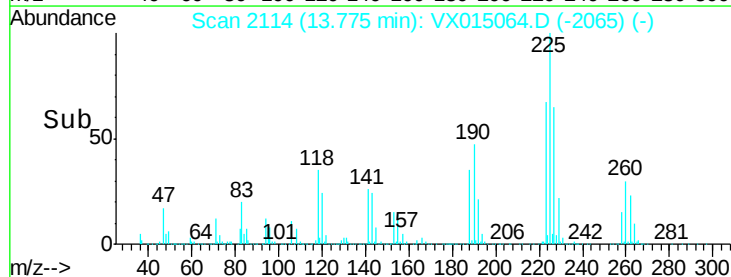
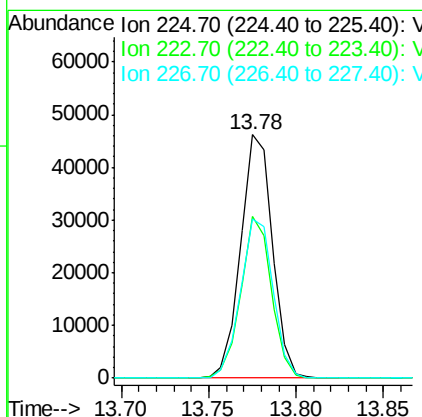
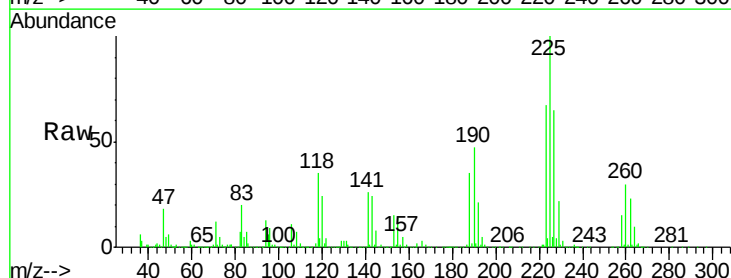
Manual Integrations
 APPROVED

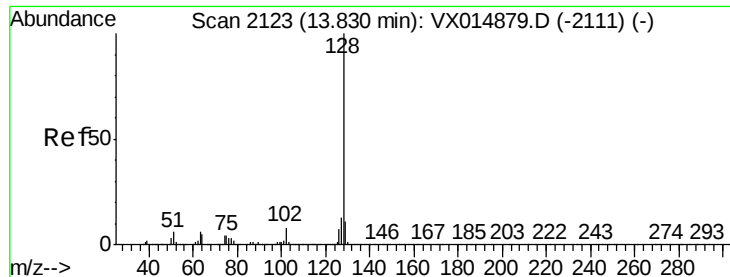
MMDadoda
 3/3/2020 9:51:28 AM



#94
 Hexachlorobutadiene
 Concen: 19.426 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015064.D
 Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	31.1	93.2	
227	67.2	30.9	92.5	





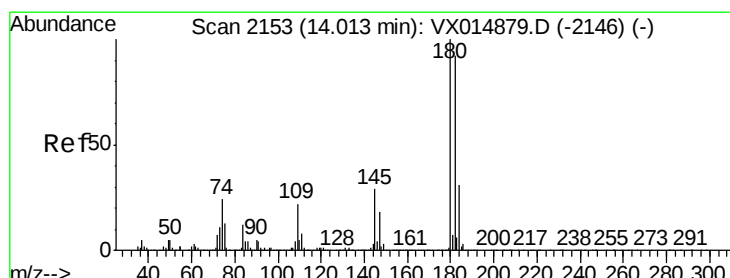
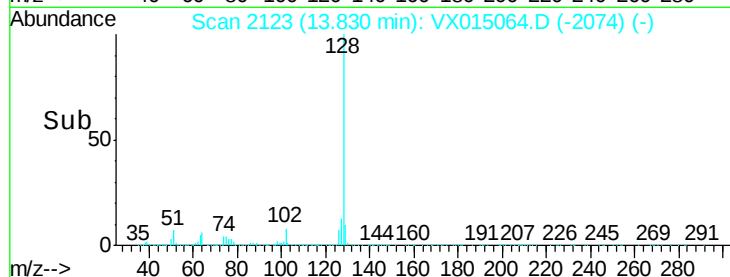
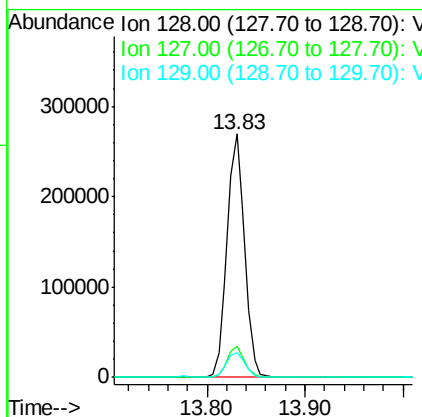
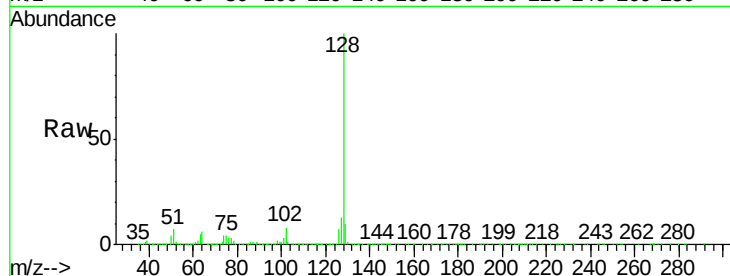
#95
Naphthalene
Concen: 20.461 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 9:51:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.196 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015064.D
Acq: 02 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	30.6	14.5	43.5

