

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015063.D
 Acq On : 02 Mar 2020 10:49
 Operator : JC/SP
 Sample : VX0302WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:22 AM

Quant Time: Mar 02 16:32:07 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	369339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	542103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	195227	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.48	113	169780	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	674734	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	269014	58.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	67389	19.267	ug/l	98
3) Chloromethane	1.32	50	87287	22.012	ug/l	98
4) Vinyl Chloride	1.41	62	78671	18.416	ug/l	97
5) Bromomethane	1.64	94	50972	18.434	ug/l	99
6) Chloroethane	1.72	64	50057	18.313	ug/l	99
7) Trichlorofluoromethane	1.93	101	102929	17.246	ug/l	96
8) Diethyl Ether	2.18	74	45089	18.218	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66108	19.082	ug/l	96
10) Methyl Iodide	2.51	142	63461	19.364	ug/l	100
11) Tert butyl alcohol	3.03	59	73332	99.640	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60213	17.786	ug/l	95
13) Acrolein	2.28	56	37543	66.930	ug/l	95
14) Allyl chloride	2.72	41	115197	19.193	ug/l	92
15) Acrylonitrile	3.13	53	196705	105.430	ug/l	99
16) Acetone	2.43	43	196243	80.223	ug/l	94
17) Carbon Disulfide	2.56	76	149503	15.806	ug/l	97
18) Methyl Acetate	2.76	43	95691	22.794	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	211006	19.152	ug/l	100
20) Methylene Chloride	2.85	84	71487	17.828	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	67448	18.056	ug/l	96
22) Diisopropyl ether	3.84	45	245444	21.411	ug/l	91
23) Vinyl Acetate	3.80	43	987793	104.528	ug/l	98
24) 1,1-Dichloroethane	3.69	63	125664	19.423	ug/l	97
25) 2-Butanone	4.65	43	282163	99.432	ug/l	99
26) 2,2-Dichloropropane	4.58	77	100030	17.941	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	78611	18.826	ug/l	100
28) Bromochloromethane	5.00	49	59408	23.690	ug/l	94
29) Tetrahydrofuran	5.11	42	176949	109.690	ug/l	96
30) Chloroform	5.20	83	126109	19.646	ug/l	97
31) Cyclohexane	5.58	56	111536	18.928	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	103055	18.353	ug/l	99
36) 1,1-Dichloropropene	5.79	75	88810	18.314	ug/l	98
37) Ethyl Acetate	4.82	43	106938	21.143	ug/l	100
38) Carbon Tetrachloride	5.78	117	85433	18.078	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0302WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:22 AM

Quant Time: Mar 02 16:32:07 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)
39) Methylcyclohexane	7.46	83	111037	18.309	ug/l	98
40) Benzene	6.13	78	285347	19.694	ug/l	100
41) Methacrylonitrile	5.03	41	58471	21.460	ug/l	98
42) 1,2-Dichloroethane	6.18	62	95775	18.289	ug/l	97
43) Isopropyl Acetate	6.43	43	168623	20.211	ug/l	99
44) Trichloroethene	7.20	130	78160	18.583	ug/l	98
45) 1,2-Dichloropropane	7.51	63	75632	20.468	ug/l	98
46) Dibromomethane	7.65	93	48698	19.280	ug/l	98
47) Bromodichloromethane	7.89	83	96020	19.173	ug/l	97
48) Methyl methacrylate	7.76	41	83943	20.444	ug/l	96
49) 1,4-Dioxane	7.73	88	33060	430.636	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	550764	109.324	ug/l	100
52) Toluene	8.78	92	189092	20.548	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	108236	19.720	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	120428	19.862	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	78903	21.193	ug/l	98
56) Ethyl methacrylate	9.17	69	118762	21.222	ug/l	97
57) 1,3-Dichloropropane	9.36	76	131426	20.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	311797	106.536	ug/l	98
59) 2-Hexanone	9.48	43	429307	108.415	ug/l	99
60) Dibromochloromethane	9.57	129	82664	20.632	ug/l	98
61) 1,2-Dibromoethane	9.67	107	82520	20.542	ug/l	99
64) Tetrachloroethene	9.33	164	82768	15.692	ug/l	97
65) Chlorobenzene	10.14	112	220383	19.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	82152	19.776	ug/l	100
67) Ethyl Benzene	10.25	91	383361	19.700	ug/l	98
68) m/p-Xylenes	10.35	106	293845	39.197	ug/l	98
69) o-Xylene	10.70	106	139354	19.338	ug/l	99
70) Styrene	10.71	104	239889	19.677	ug/l	100
71) Bromoform	10.85	173	66667	19.227	ug/l	100
73) Isopropylbenzene	11.01	105	377936	20.404	ug/l	99
74) N-amyl acetate	10.89	43	157659	20.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128768	21.267	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	107225m	20.076	ug/l	
77) Bromobenzene	11.25	156	99674	19.280	ug/l	100
78) n-propylbenzene	11.35	91	428409	19.998	ug/l	100
79) 2-Chlorotoluene	11.42	91	256950	20.402	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	317503	20.515	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	39161	18.768	ug/l	95
82) 4-Chlorotoluene	11.51	91	293614	19.686	ug/l	100
83) tert-Butylbenzene	11.76	119	309708	21.132	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	315524	20.230	ug/l	99
85) sec-Butylbenzene	11.94	105	371910	20.428	ug/l	99
86) p-Isopropyltoluene	12.06	119	342293	20.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181570	19.577	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	178567	18.854	ug/l	99
89) n-Butylbenzene	12.38	91	293224	19.217	ug/l	99
90) Hexachloroethane	12.59	117	59692	20.063	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	179094	19.691	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25981	18.290	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Manual Integrations
APPROVED

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3/3/2020 9:51:22 AM

Quant Time: Mar 02 16:32:07 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)
93) 1,2,4-Trichlorobenzene	13.64	180	121175	18.050	ug/l	100
94) Hexachlorobutadiene	13.77	225	63684	19.613	ug/l	98
95) Naphthalene	13.83	128	341026	19.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123277	19.007	ug/l	98

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

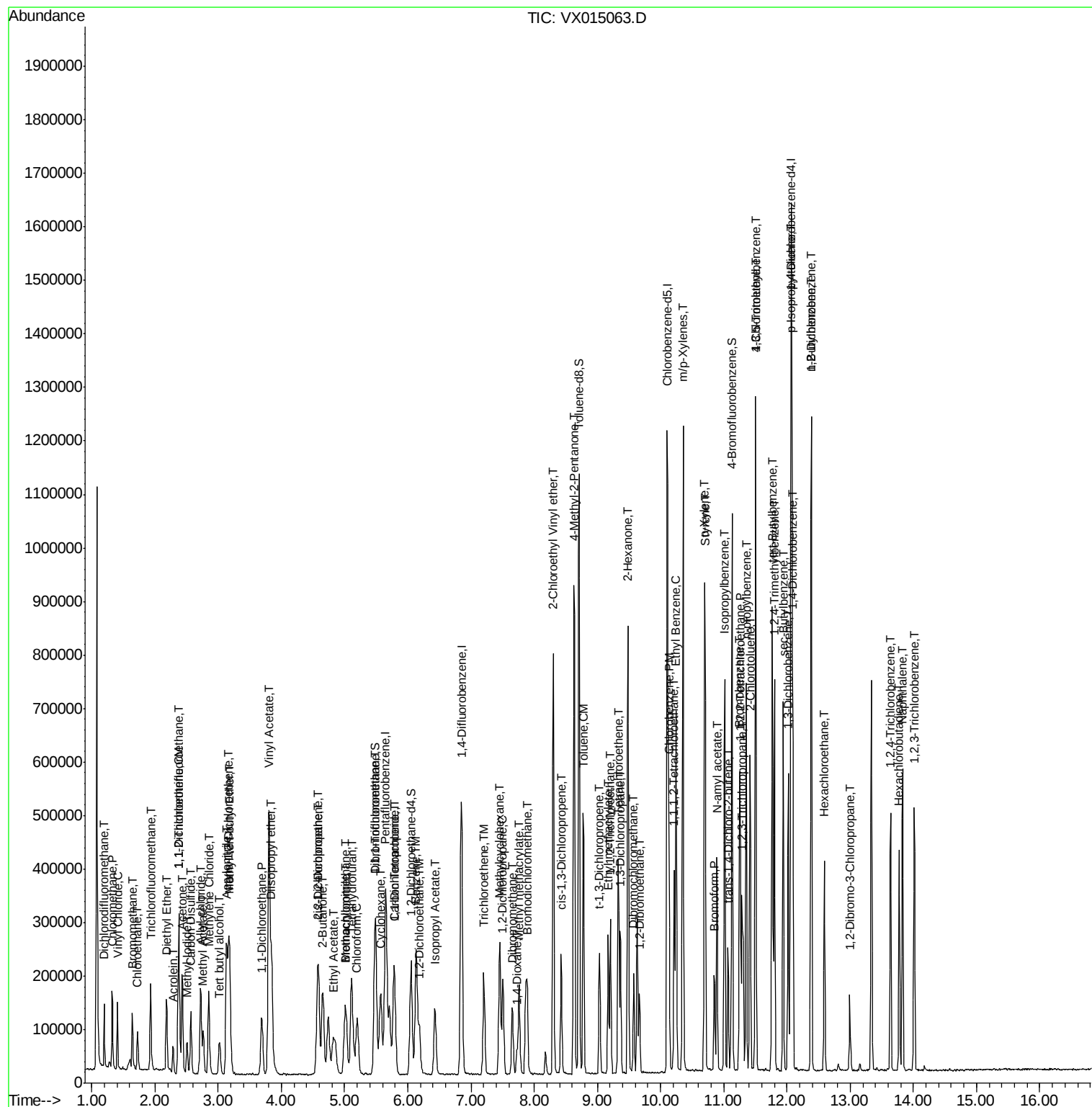
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 Data File : VX015063.D
 Acq On : 02 Mar 2020 10:49
 Operator : JC/SP
 Sample : VX0302WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

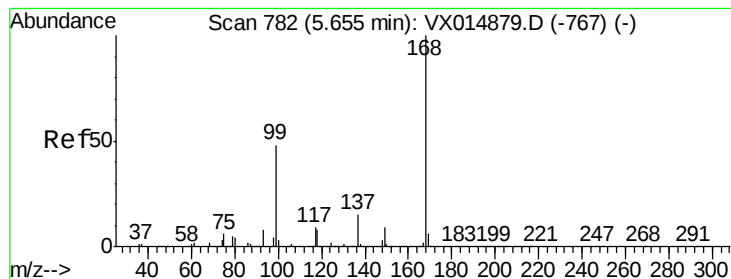
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0302WBS01

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 Quant Title : SW846 8260
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#1

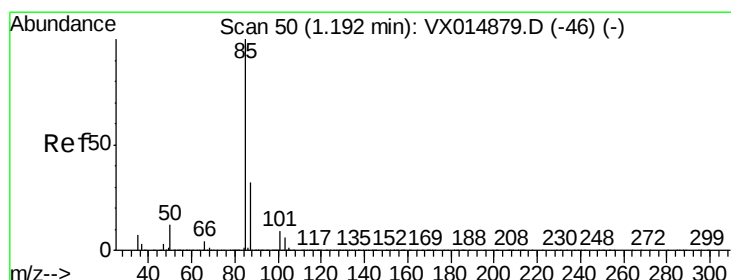
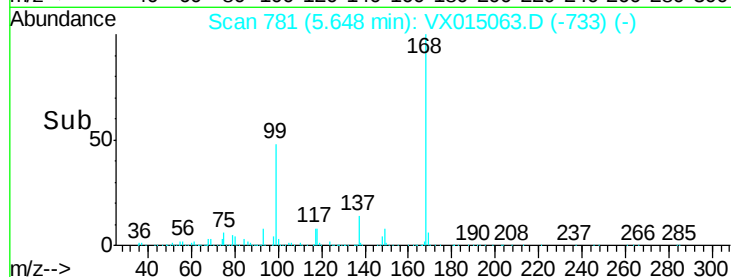
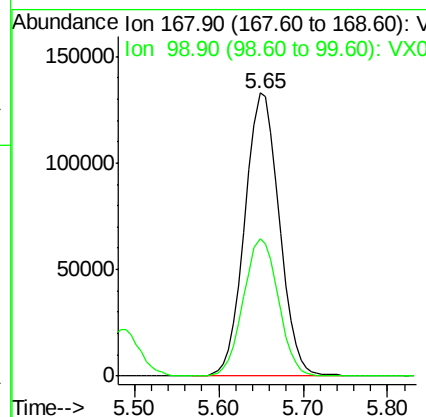
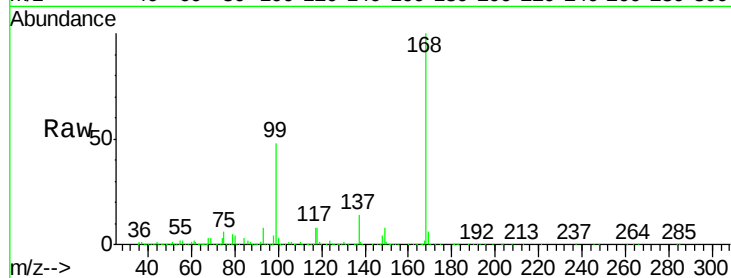
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0302WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.3	38.7	58.1

Manual Integrations
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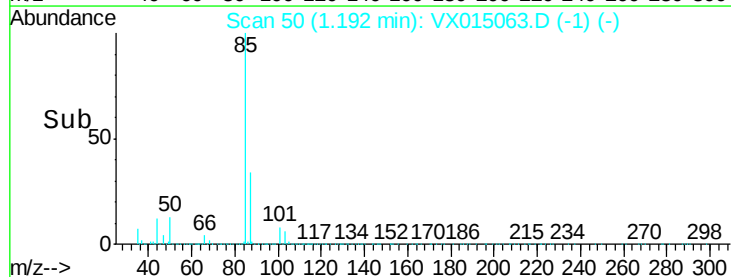
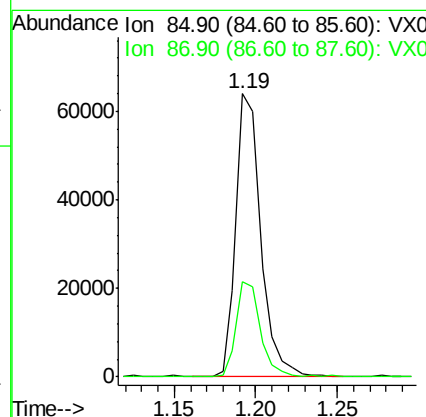
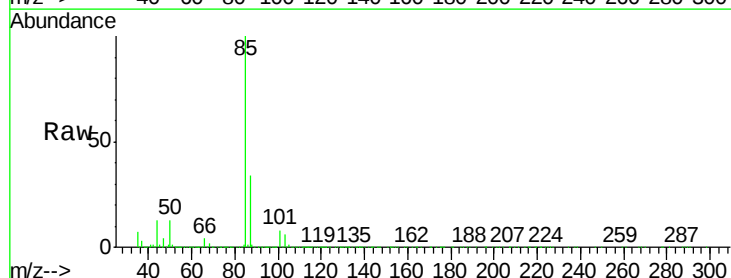
MMDadoda
 3/3/2020 9:51:22 AM

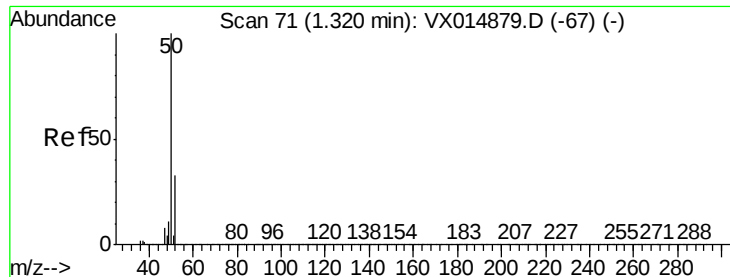


#2

Dichlorodifluoromethane
 Concen: 19.267 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.1	48.2





#3

Chloromethane

Concen: 22.012 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 50 Resp: 87287

Ion Ratio Lower Upper

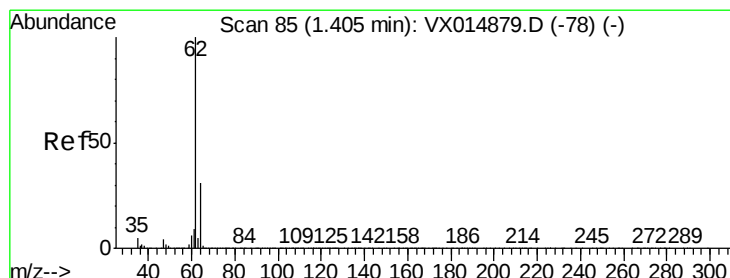
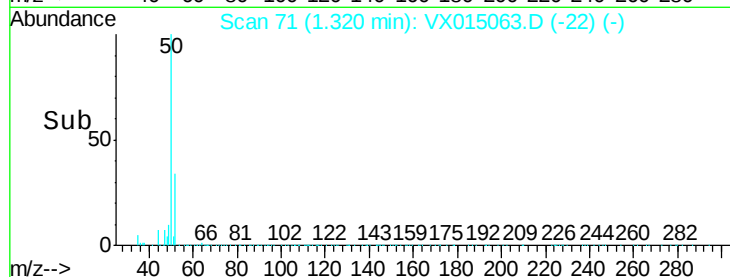
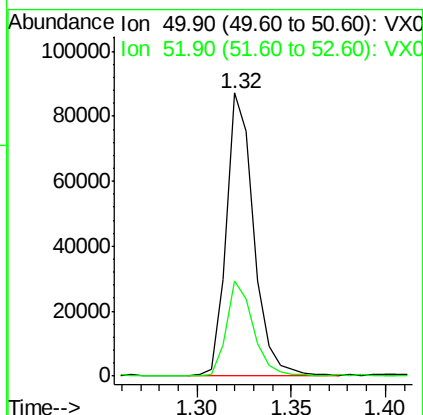
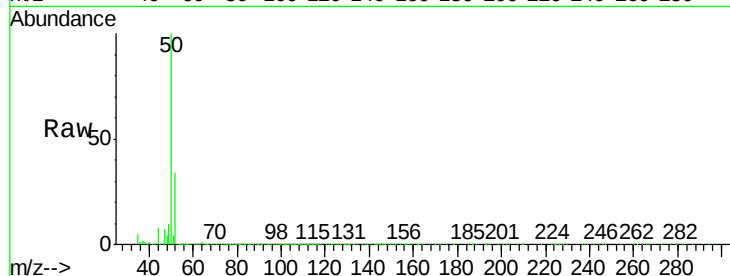
50 100

52 33.6 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.416 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015063.D

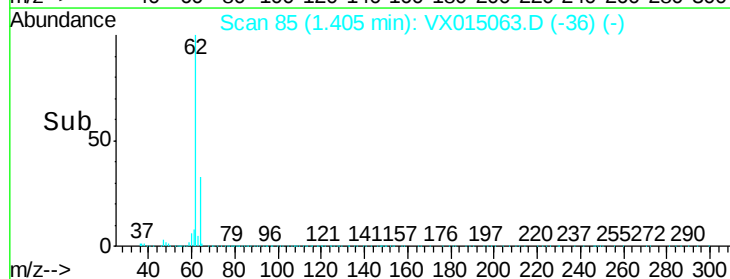
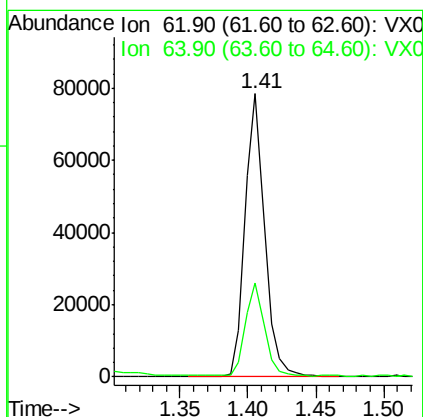
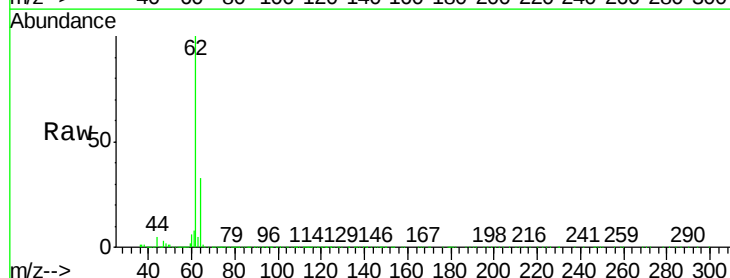
Acq: 02 Mar 2020 10:49

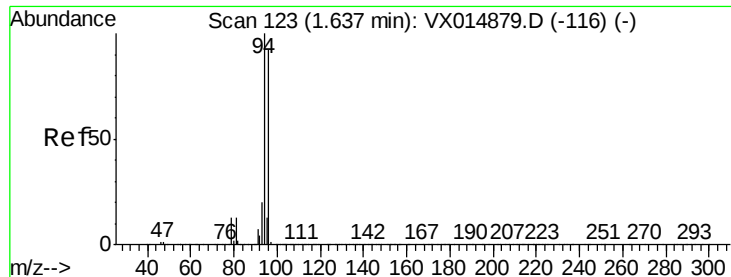
Tgt Ion: 62 Resp: 78671

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2





#5

Bromomethane

Concen: 18.434 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 94 Resp: 50972

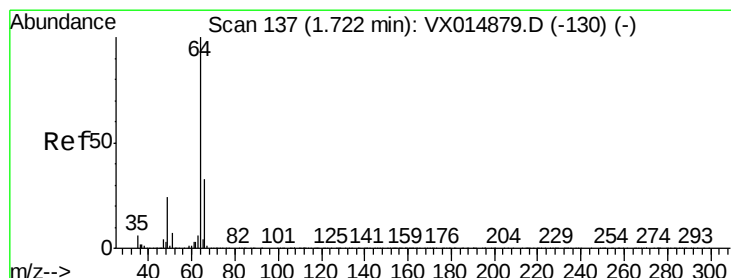
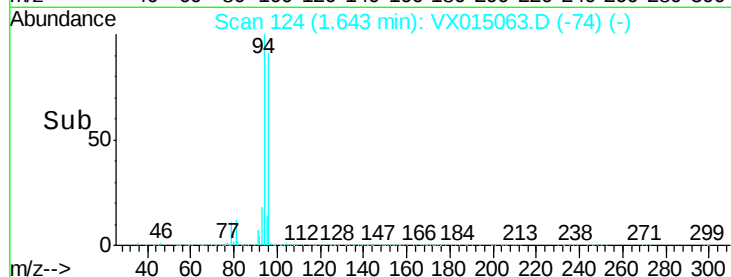
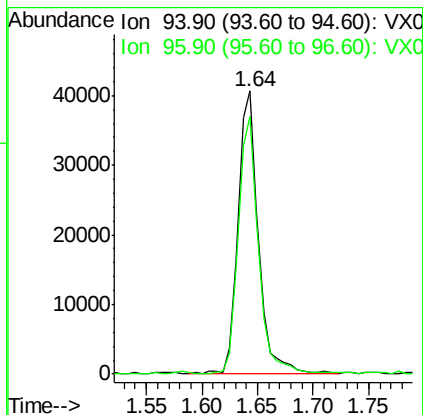
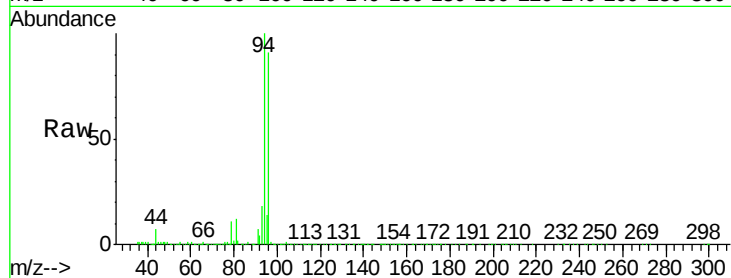
Ion Ratio Lower Upper

94 100

96 90.8 73.7 110.5

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#6

Chloroethane

Concen: 18.313 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015063.D

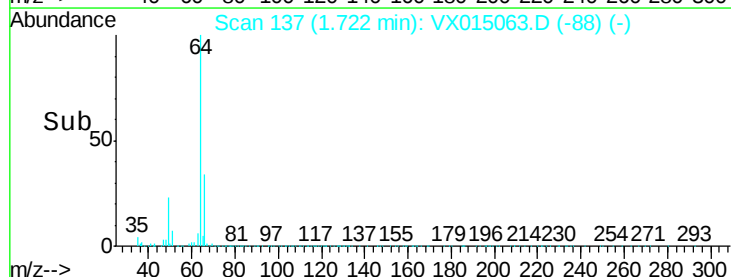
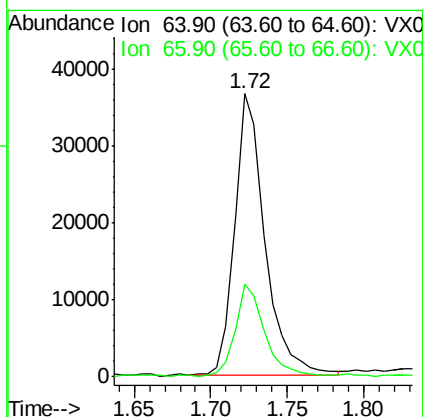
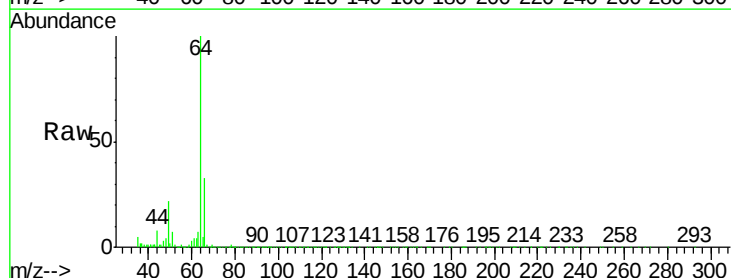
Acq: 02 Mar 2020 10:49

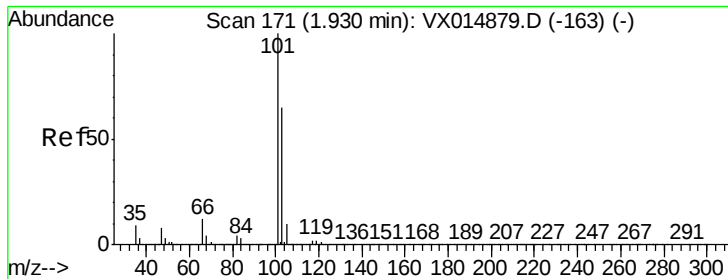
Tgt Ion: 64 Resp: 50057

Ion Ratio Lower Upper

64 100

66 32.5 26.2 39.4





#7

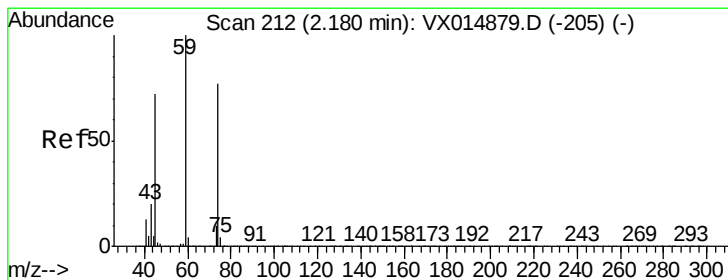
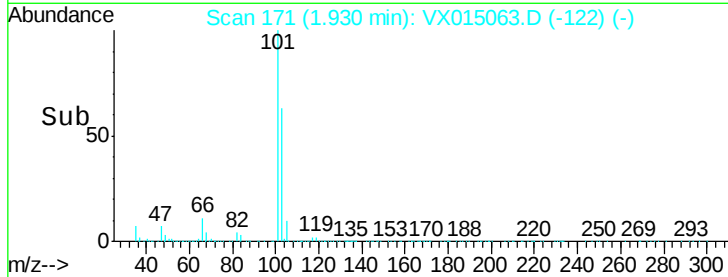
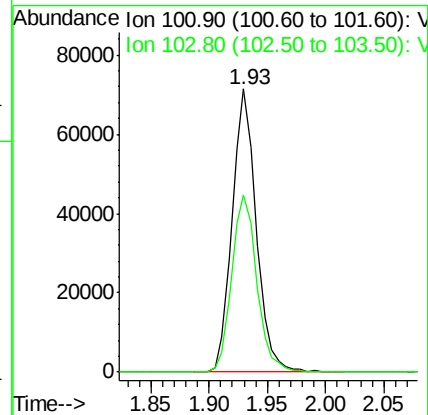
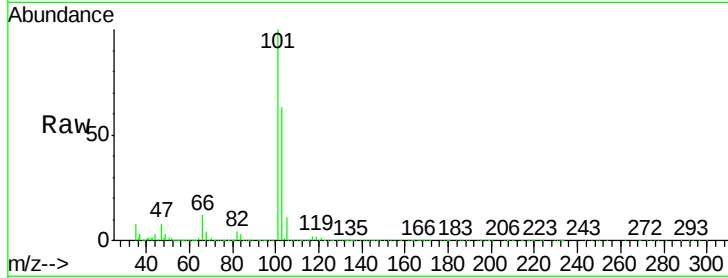
Trichlorofluoromethane
Concen: 17.246 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	102929		
103	62.4	52.2	78.4	

Manual Integrations
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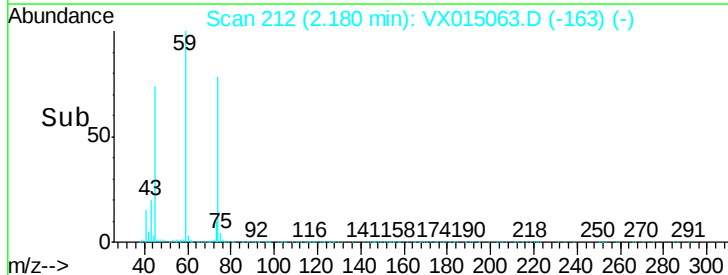
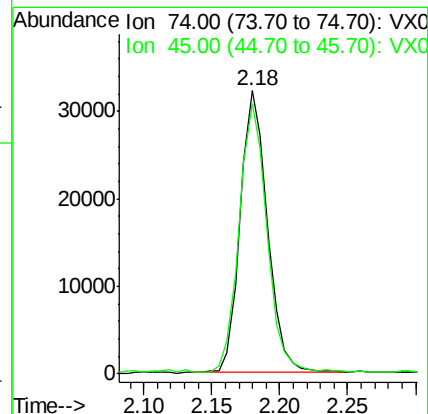
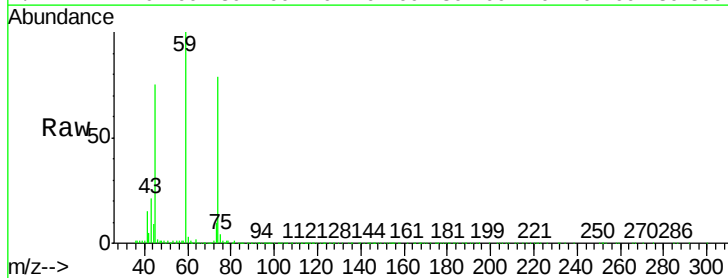
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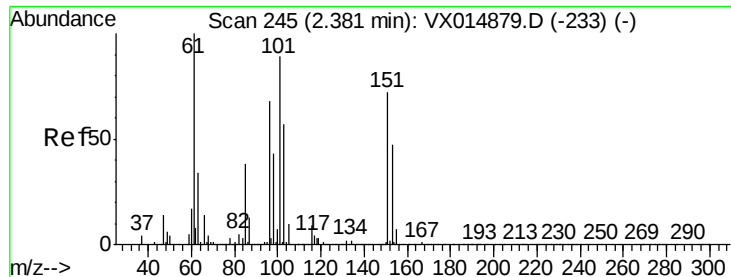


#8

Diethyl Ether
Concen: 18.218 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45089		
45	97.6	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.082 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

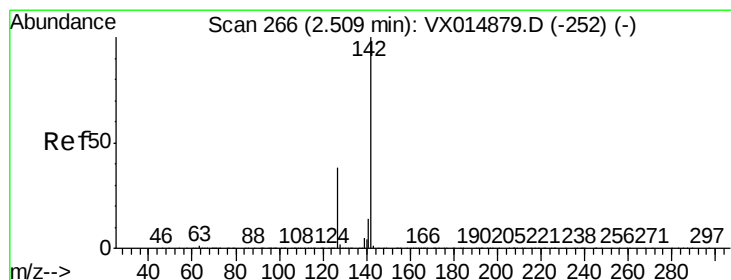
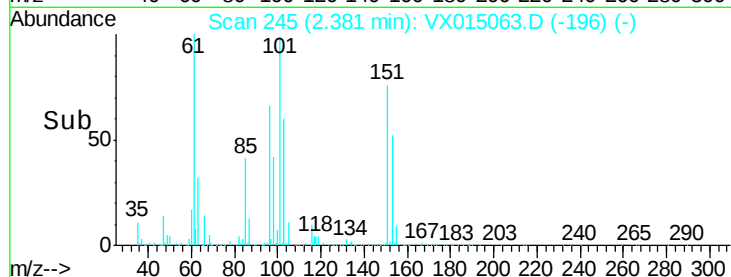
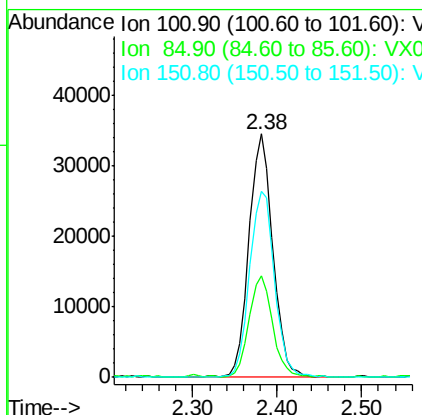
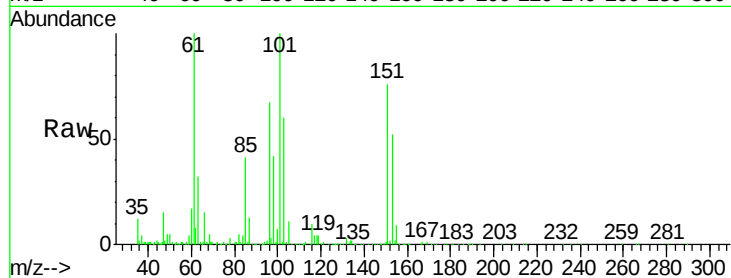
ClientSampleId :

VX0302WBS01

Tot Ion:	101	Resp:	66108
Ion Ratio	Lower	Upper	
101	100		
85	40.1	34.1	51.1
151	80.3	67.3	100.9

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#10

Methyl Iodide

Concen: 19.364 ug/l

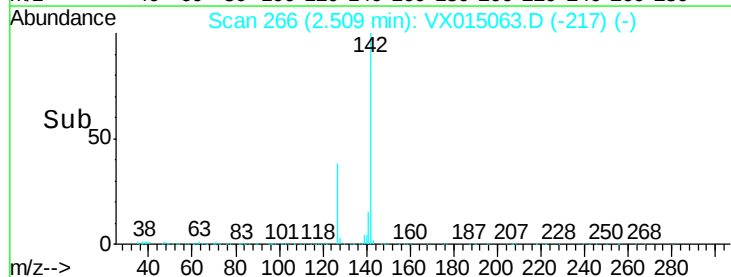
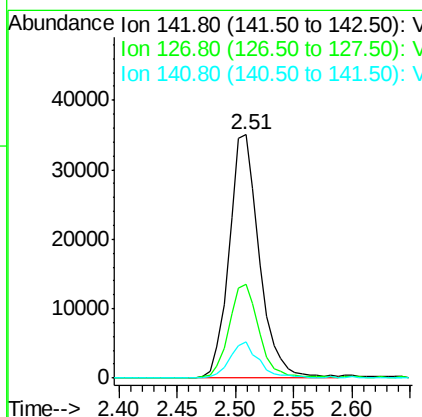
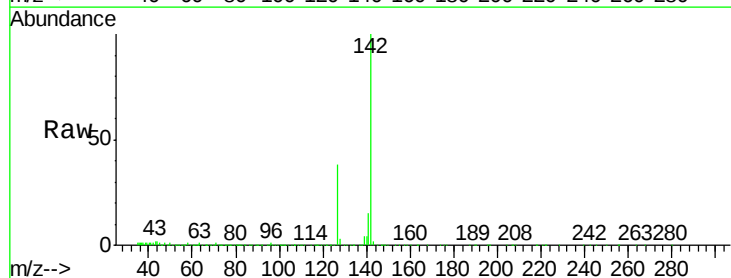
RT: 2.51 min Scan# 266

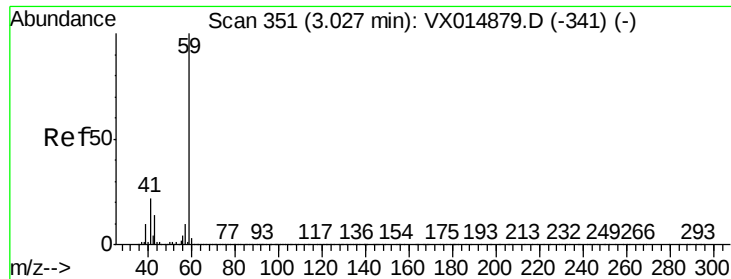
Delta R.T. 0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	142	Resp:	63461
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.1	46.7
141	14.5	11.3	16.9





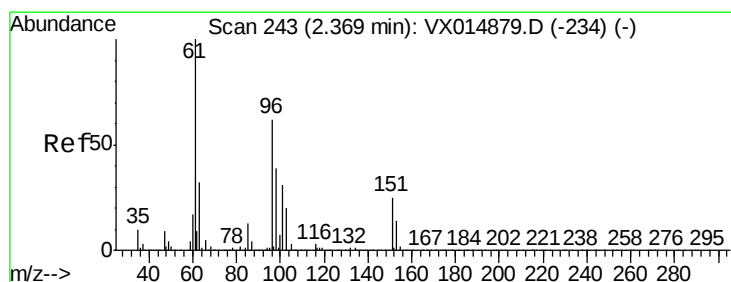
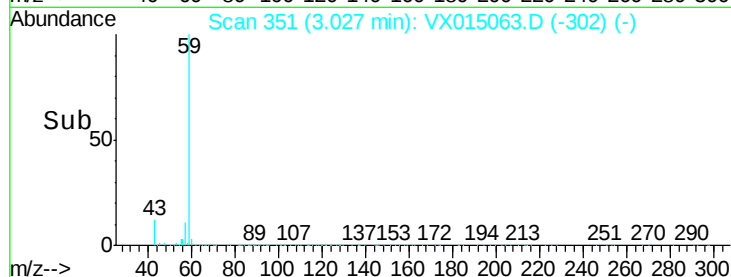
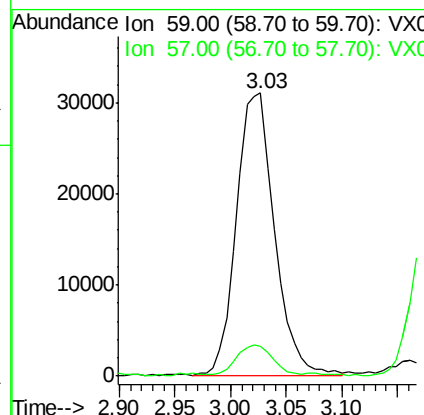
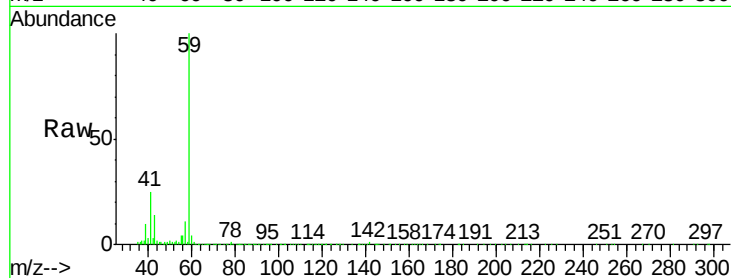
#11
Tert butyl alcohol
Concen: 99.640 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion: 59 Resp: 73332
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

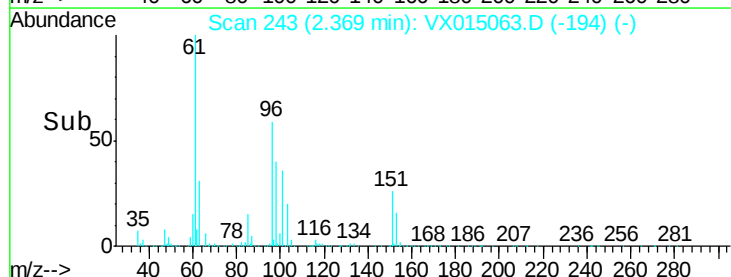
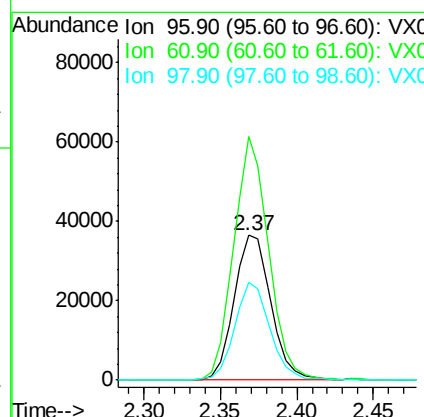
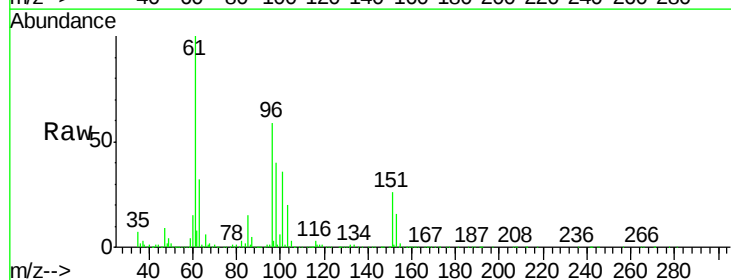
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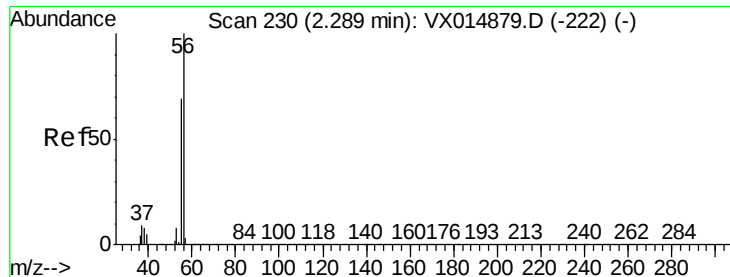
MMDadoda
3/3/2020 9:51:22 AM



#12
1,1-Dichloroethene
Concen: 17.786 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion: 96 Resp: 60213
Ion Ratio Lower Upper
96 100
61 168.1 129.5 194.3
98 67.1 50.6 76.0





#13

Acrolein

Concen: 66.930 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 56 Resp: 37543

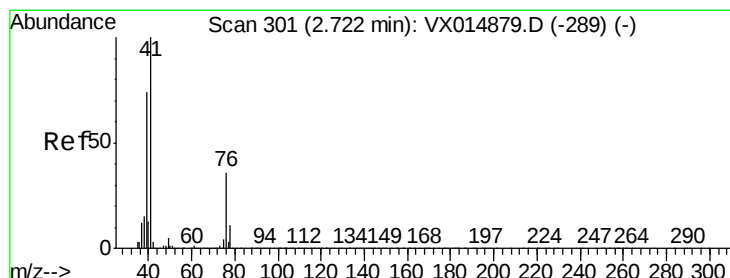
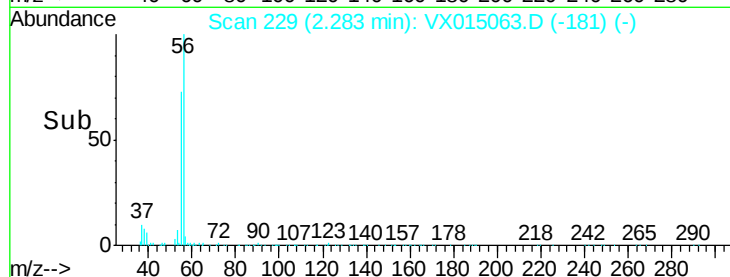
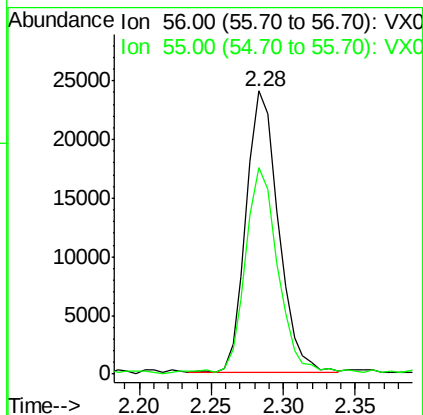
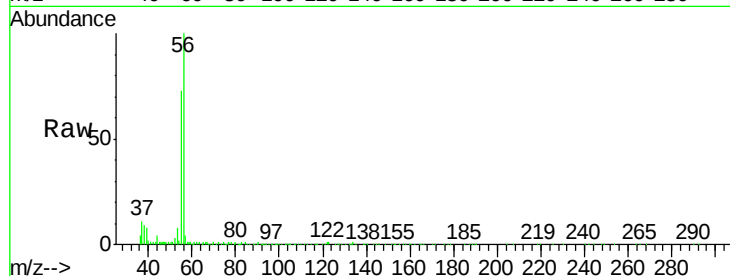
Ion Ratio Lower Upper

56 100

55 72.9 55.0 82.4

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#14

Allyl chloride

Concen: 19.193 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

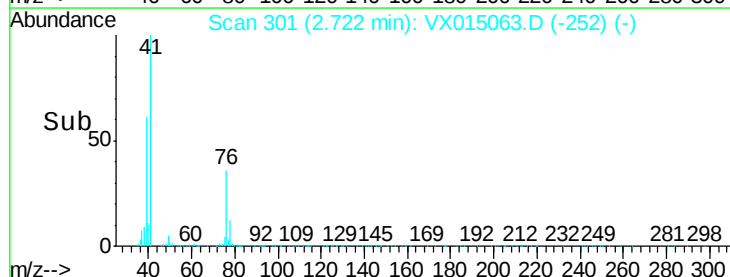
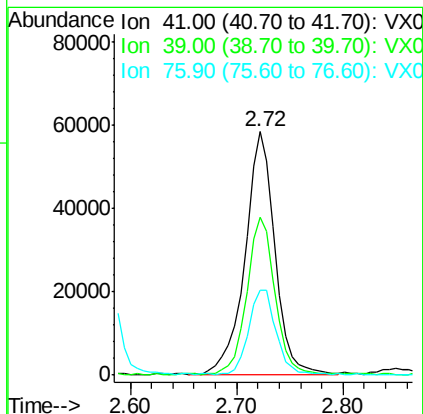
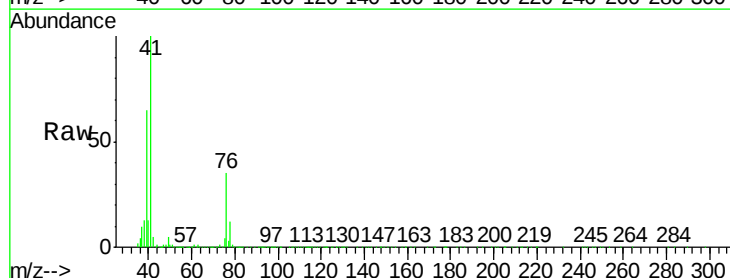
Tgt Ion: 41 Resp: 115197

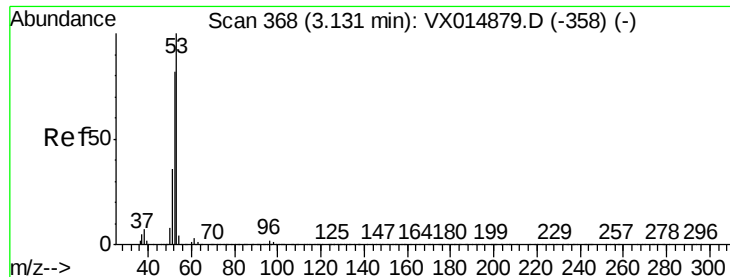
Ion Ratio Lower Upper

41 100

39 60.3 55.2 82.8

76 32.0 26.8 40.2





#15

Acrylonitrile

Concen: 105.430 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

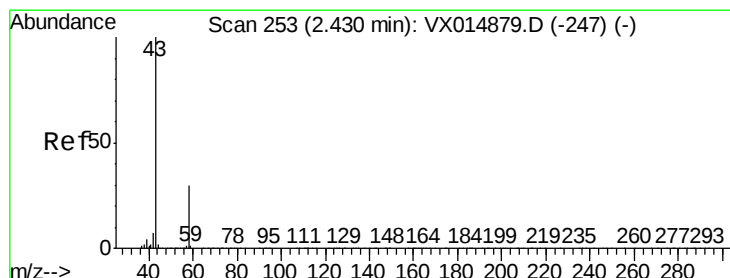
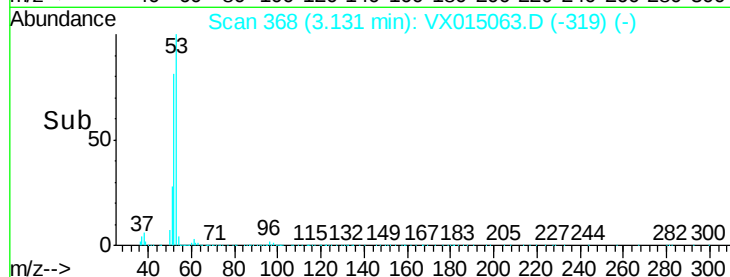
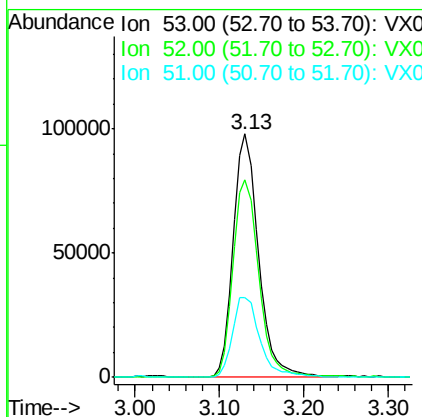
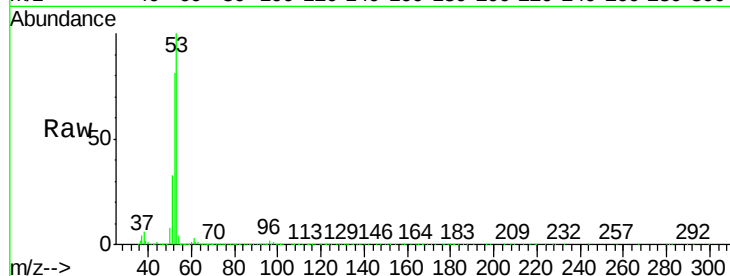
ClientSampleId :

VX0302WBS01

Tot Ion:	53	Resp:	196705
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 80.223 ug/l

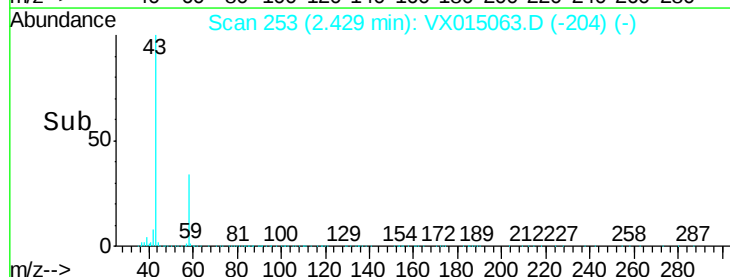
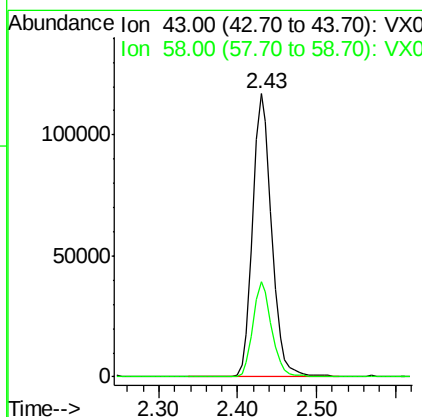
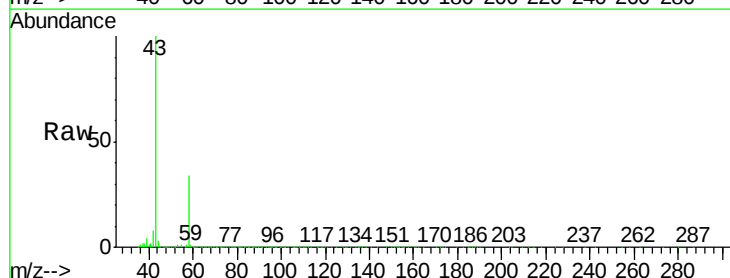
RT: 2.43 min Scan# 253

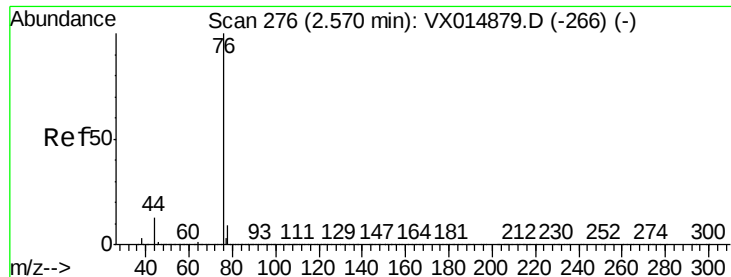
Delta R.T. 0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	43	Resp:	196243
Ion Ratio		Lower	Upper
43	100		
58	33.4	24.1	36.1





#17

Carbon Disulfide

Concen: 15.806 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 76 Resp: 149503

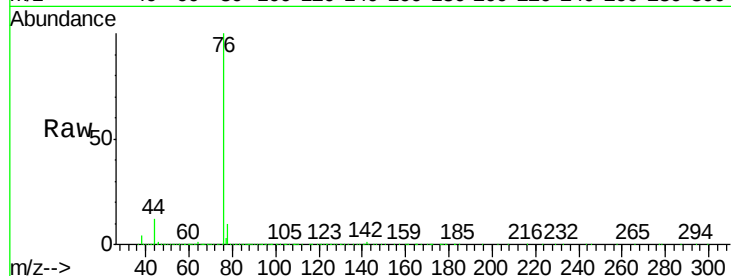
Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

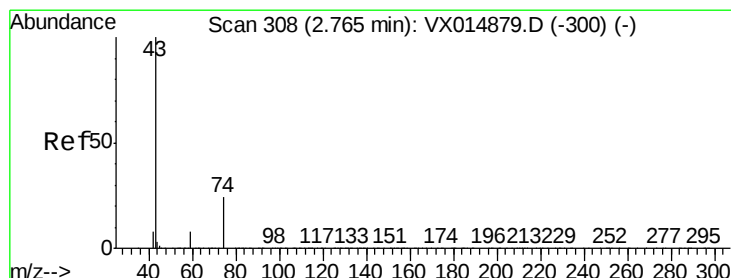
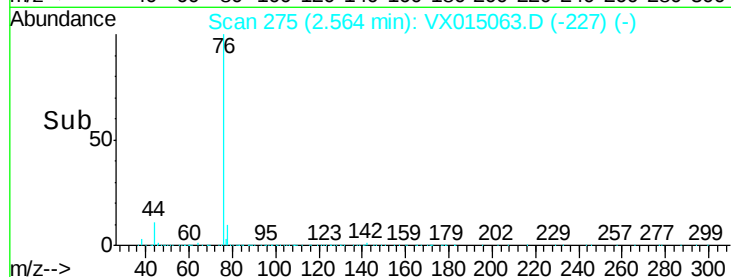
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 22.794 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015063.D

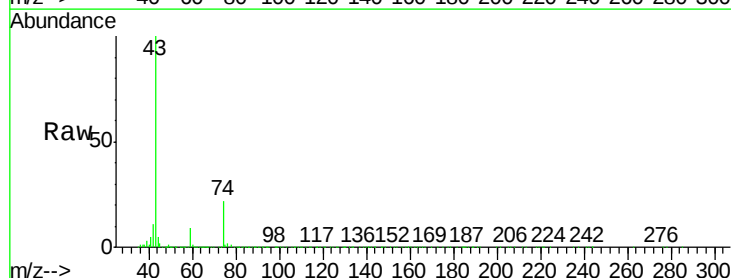
Acq: 02 Mar 2020 10:49

Tgt Ion: 43 Resp: 95691

Ion Ratio Lower Upper

43 100

74 24.9 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

50000

40000

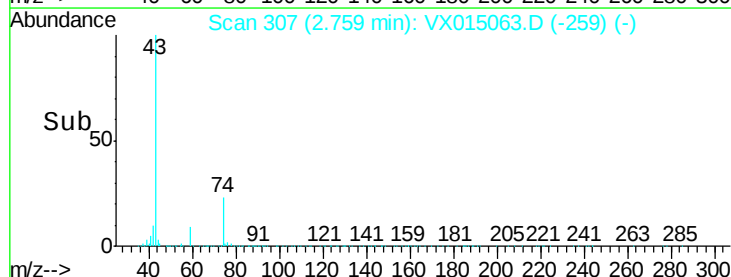
30000

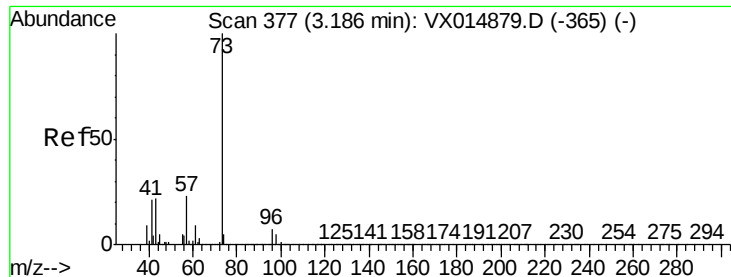
20000

10000

0

Time-->





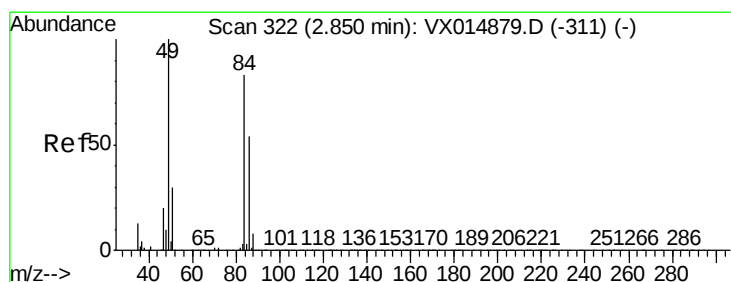
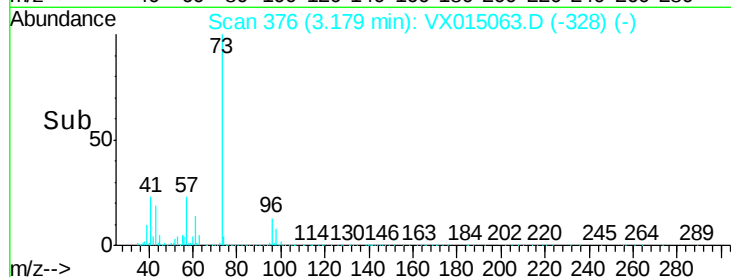
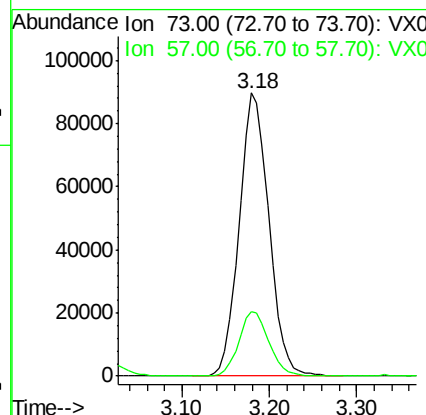
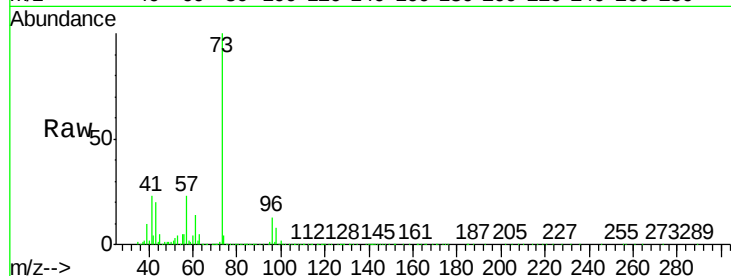
#19
Methvl tert-butvl Ether
Concen: 19.152 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.2	27.4

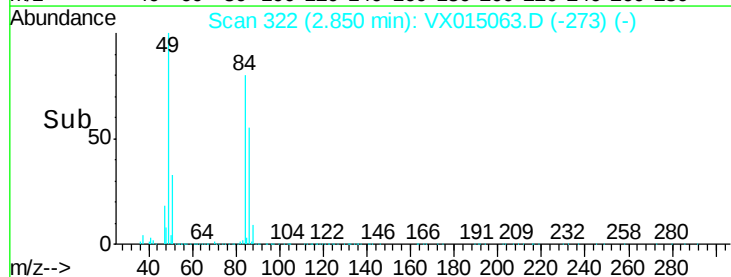
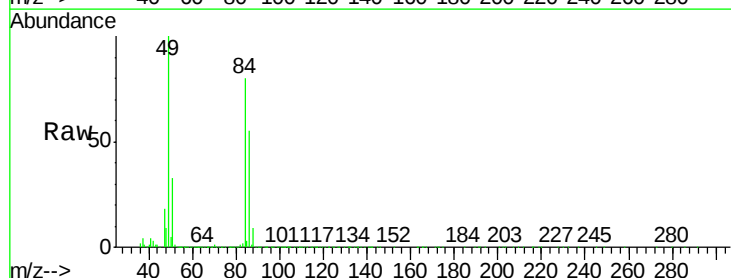
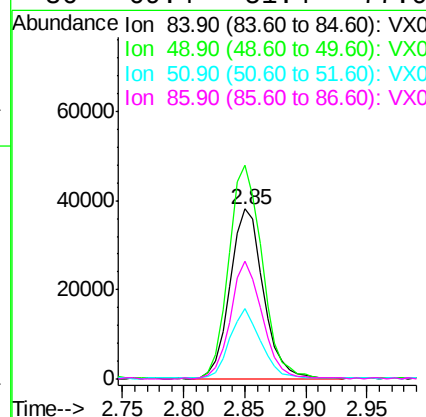
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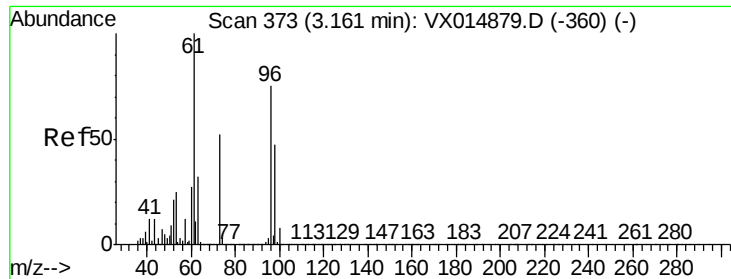
MMDadoda
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#20
Methylene Chloride
Concen: 17.828 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	95.6	143.4
51	40.9	29.0	43.6
86	69.4	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.056 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

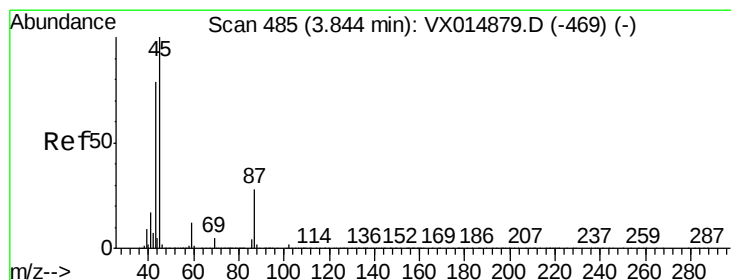
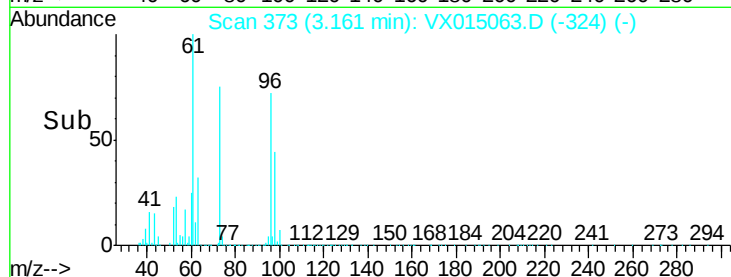
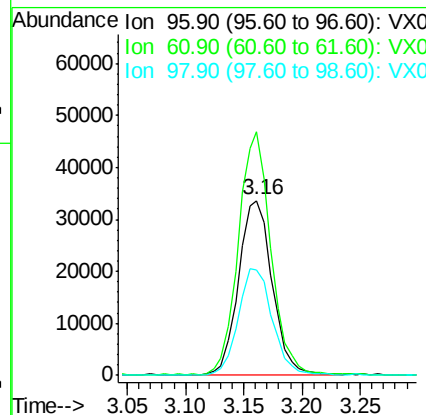
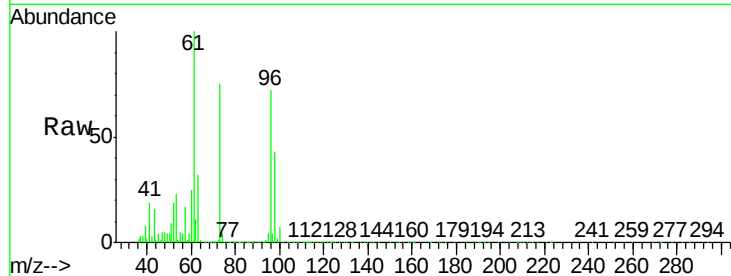
ClientSampleId :

VX0302WBS01

Tot Ion:	96	Resp:	67448
Ion	Ratio	Lower	Upper
96	100		
61	139.3	106.9	160.3
98	60.6	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.411 ug/l

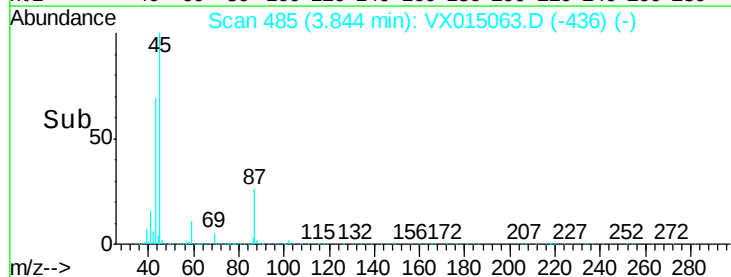
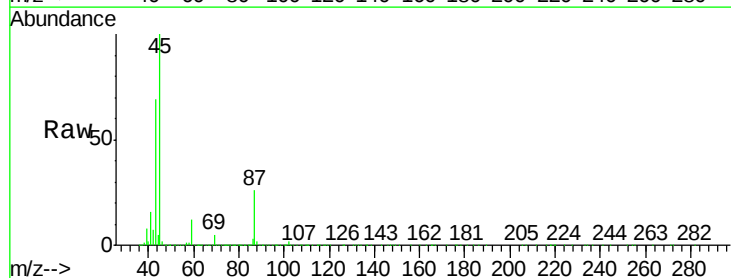
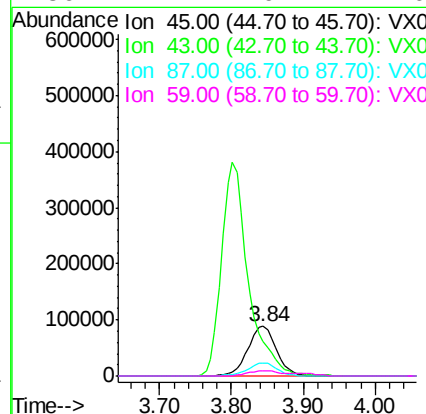
RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	45	Resp:	245444
Ion	Ratio	Lower	Upper
45	100		
43	69.0	63.5	95.3
87	25.6	22.2	33.4
59	11.4	9.4	14.0





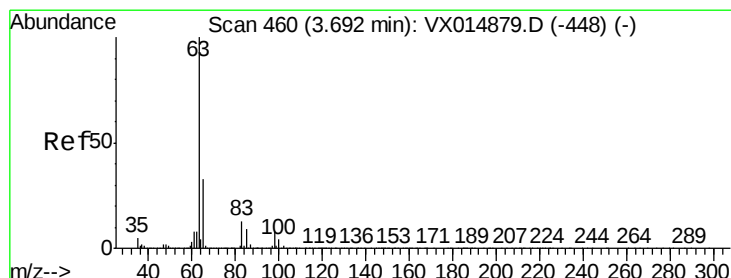
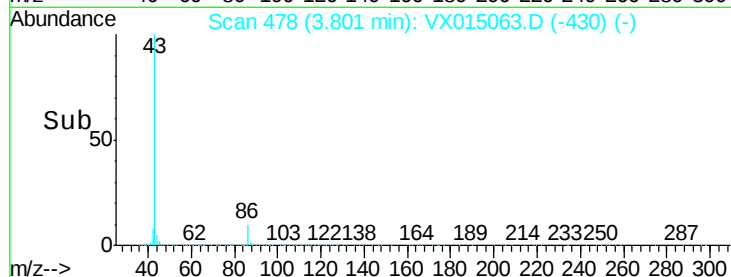
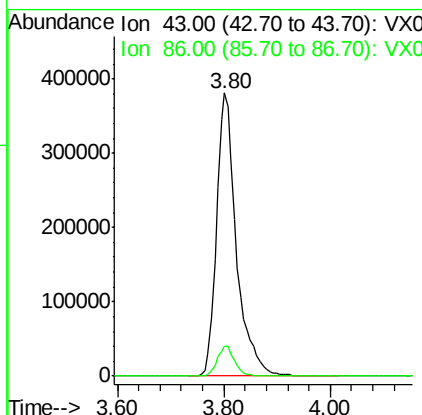
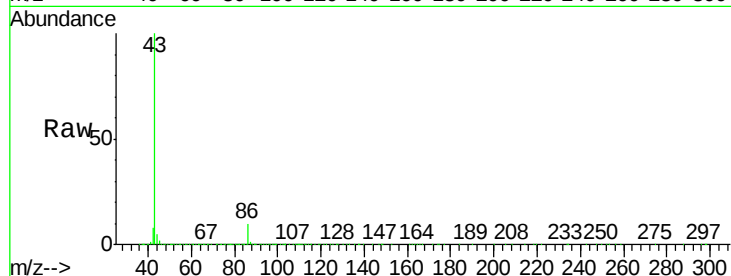
#23
 Vinyl Acetate
 Concen: 104.528 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.9	13.3

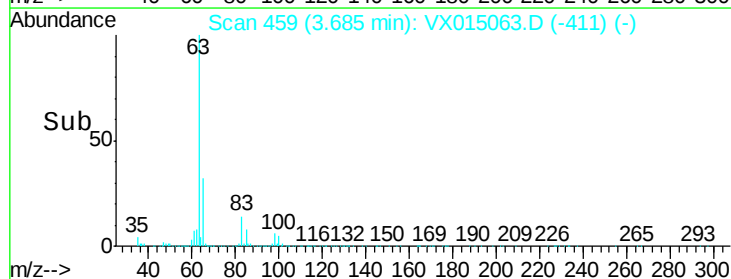
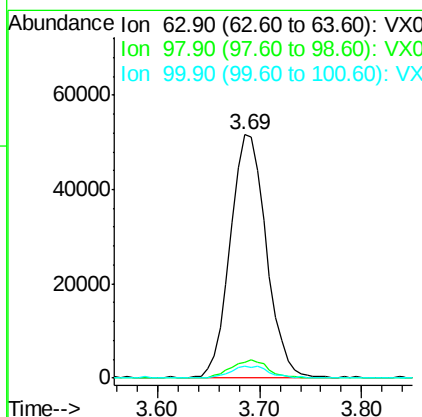
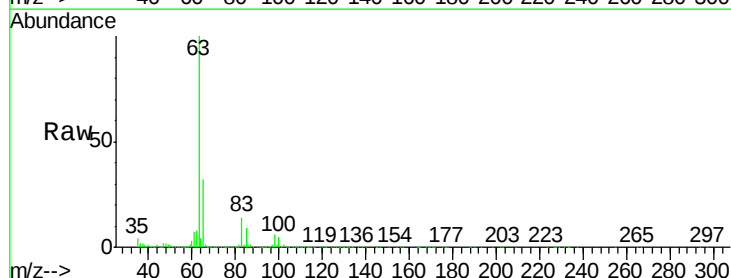
Manual Integrations
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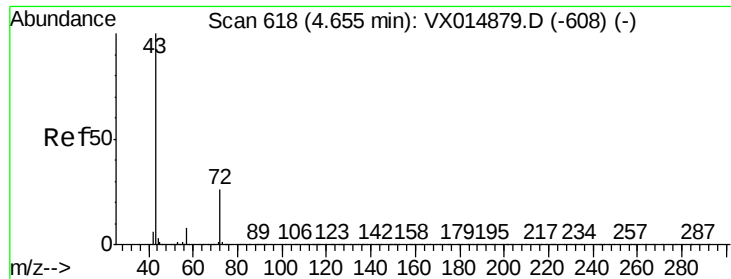
MMDadoda
 3/3/2020 9:51:22 AM



#24
 1,1-Dichloroethane
 Concen: 19.423 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.9	11.5
100	4.9	2.2	6.6





#25

2-Butanone

Concen: 99.432 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 43 Resp: 282163

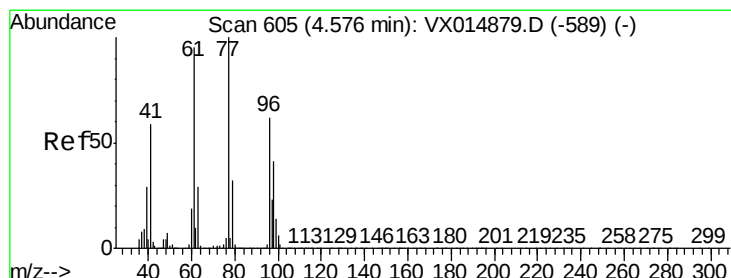
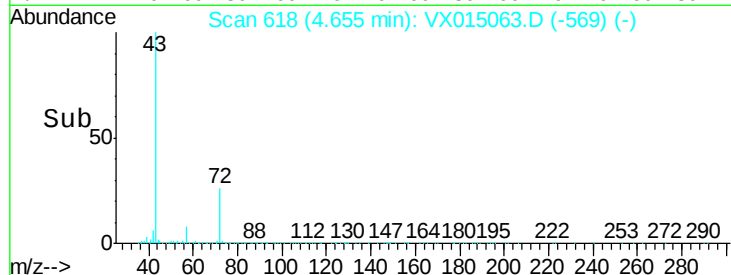
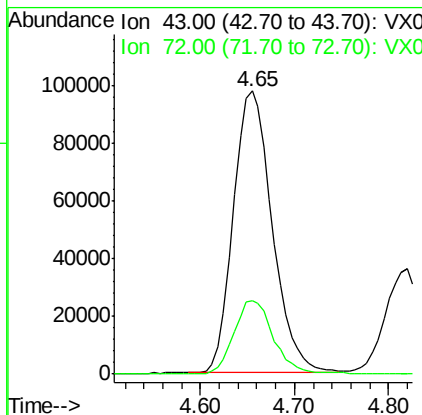
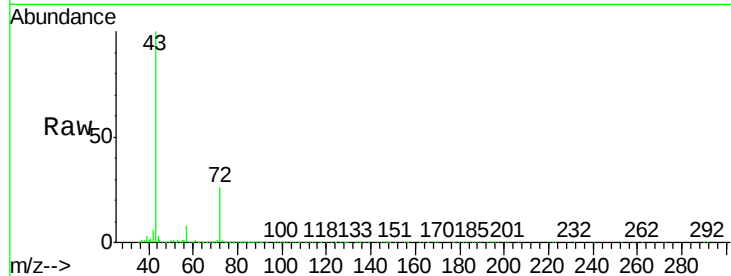
Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6

Manual Integrations
APPROVED

MMDadoda
3/3/2020 9:51:22 AM



#26

2,2-Dichloropropane

Concen: 17.941 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015063.D

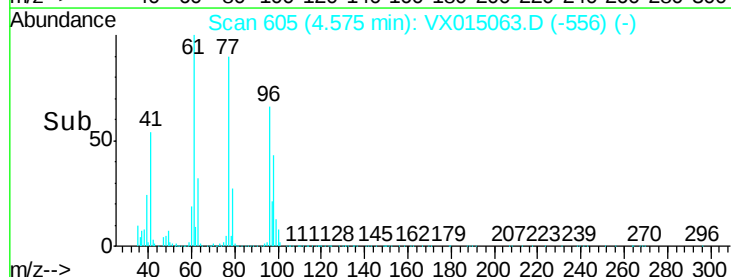
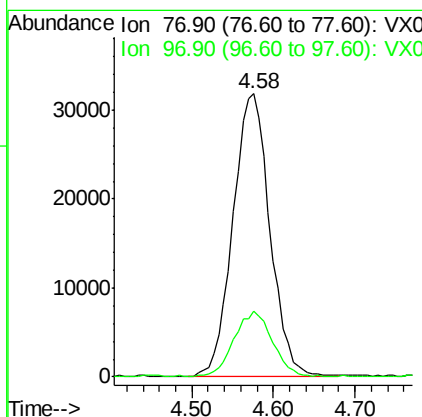
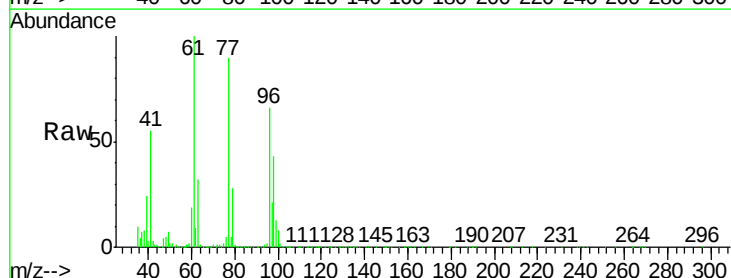
Acq: 02 Mar 2020 10:49

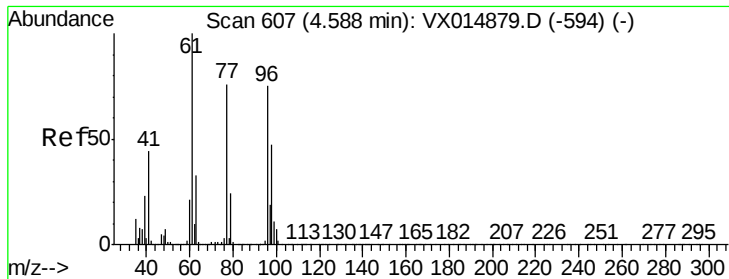
Tgt Ion: 77 Resp: 100030

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.5





#27

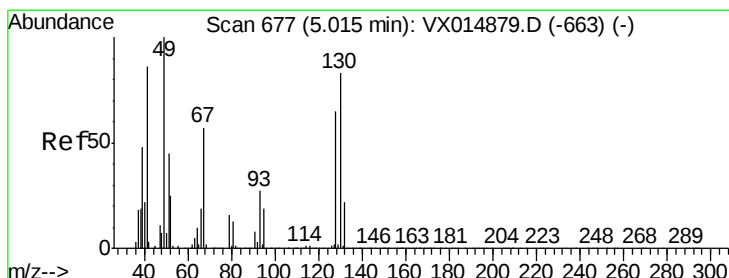
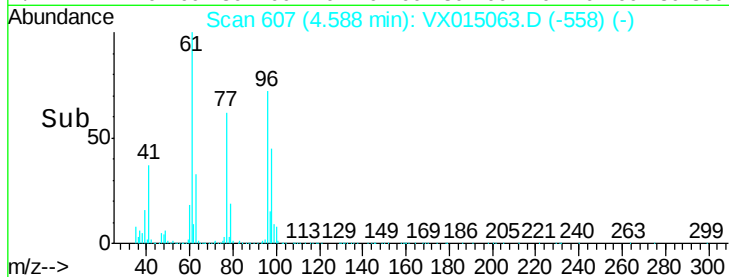
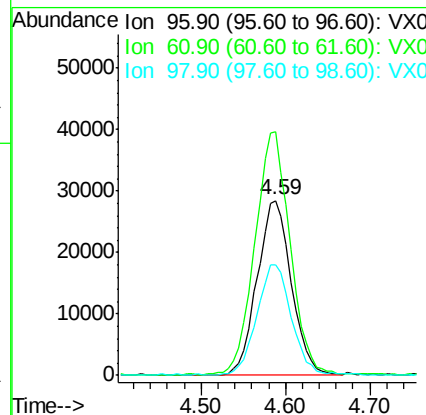
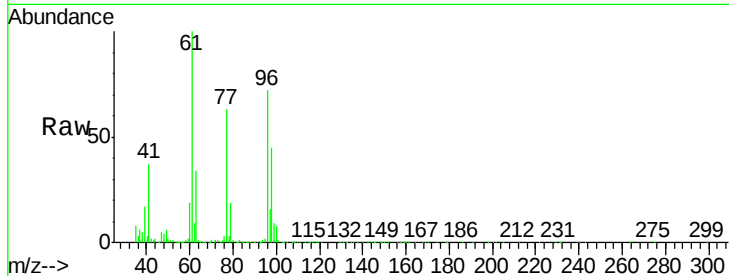
cis-1,2-Dichloroethene
Concen: 18.826 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	286.2
98	65.3	0.0	131.0

Manual Integrations
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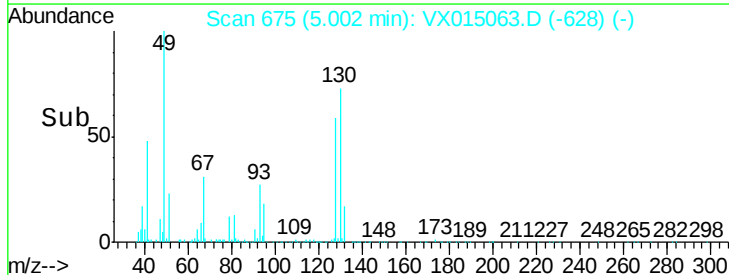
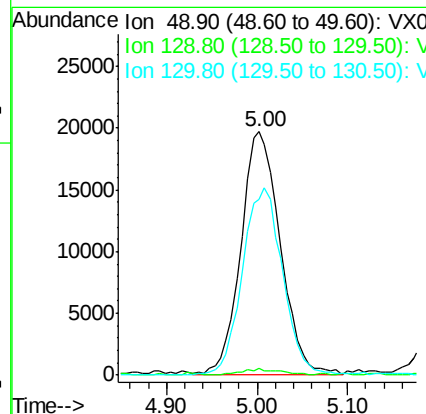
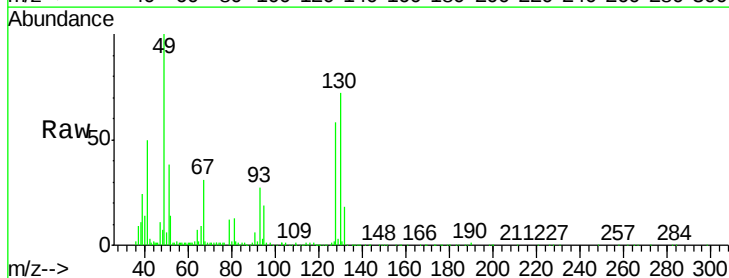
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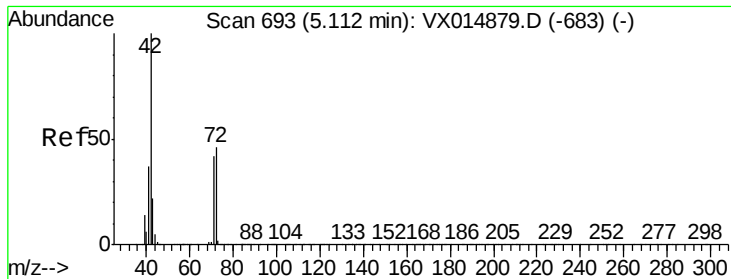


#28

Bromochloromethane
Concen: 23.690 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	78.4	67.4	101.2





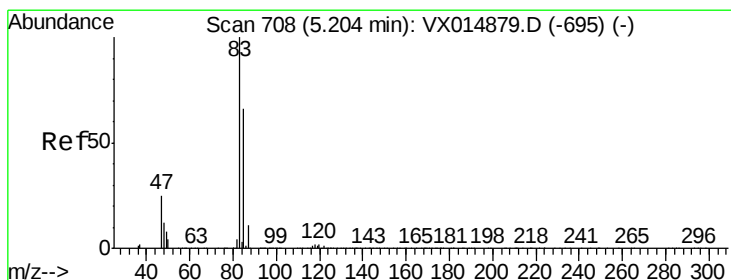
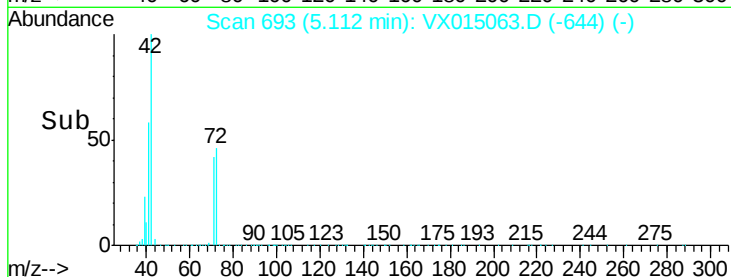
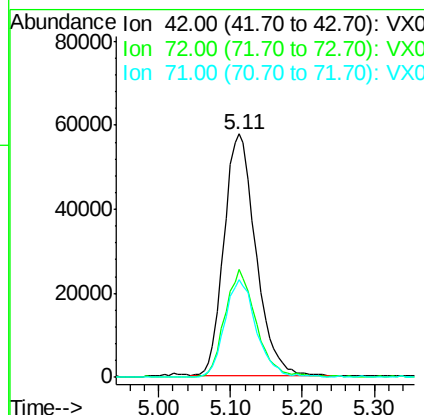
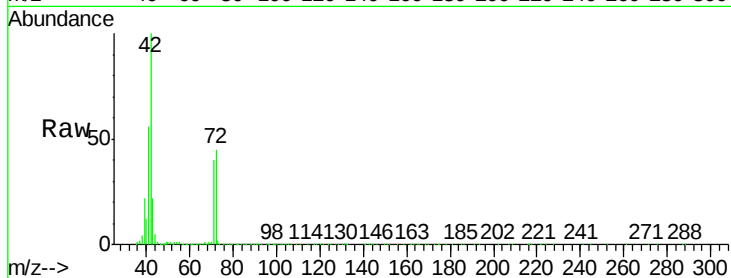
#29
Tetrahydrofuran
Concen: 109.690 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.9	55.3
71	39.9	34.1	51.1

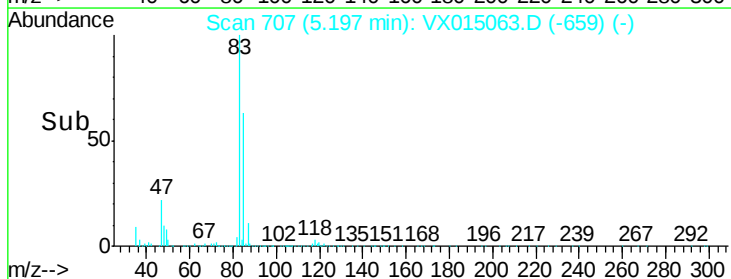
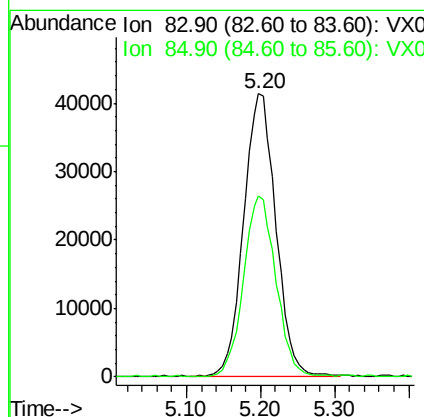
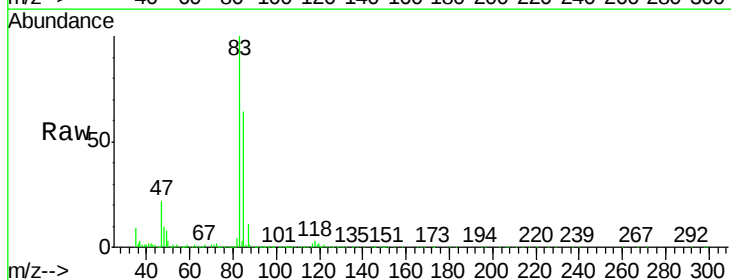
Manual Integrations
APPROVED

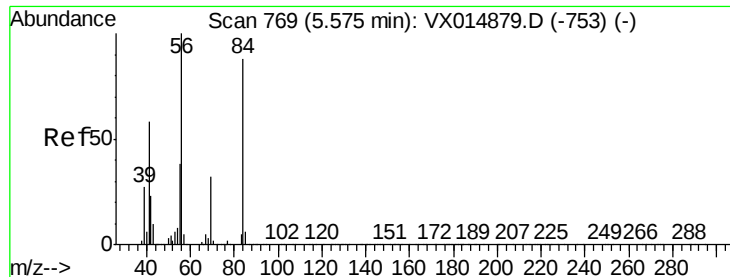
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#30
Chloroform
Concen: 19.646 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.9	79.3





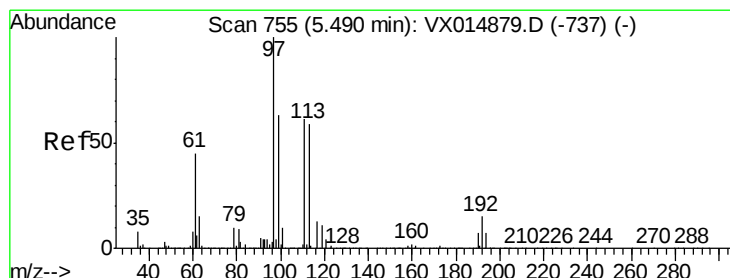
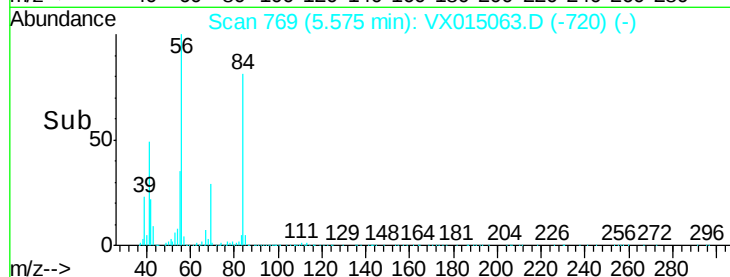
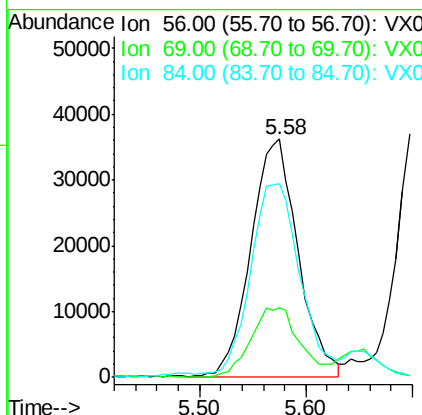
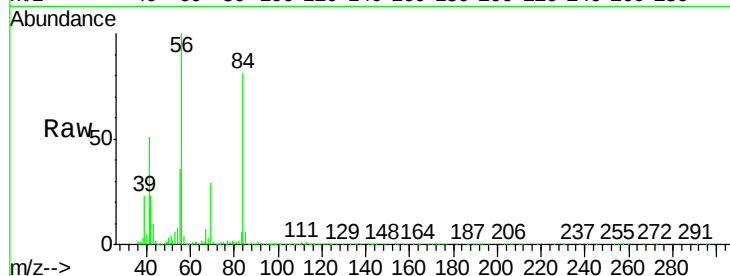
#31
Cyclohexane
Concen: 18.928 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.9	38.9
84	80.3	70.4	105.6

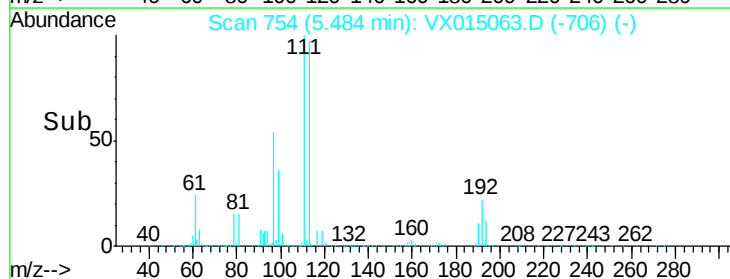
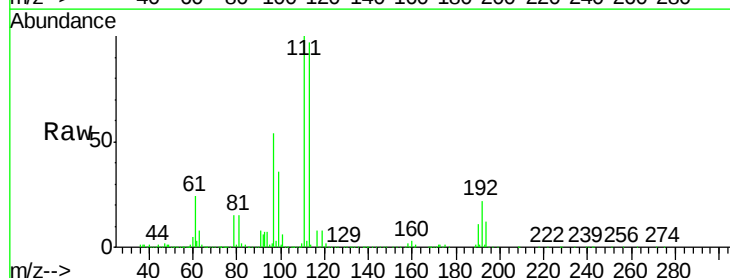
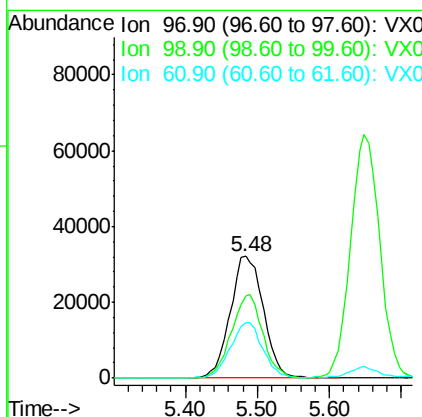
Manual Integrations
APPROVED

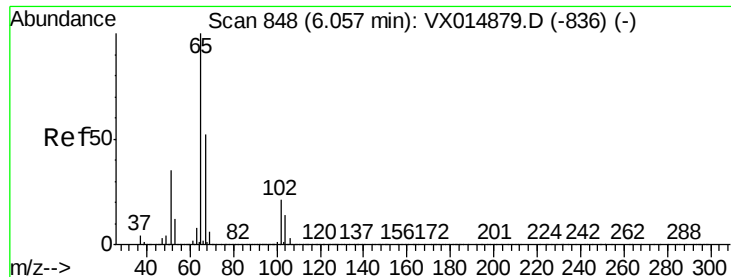
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#32
1,1,1-Trichloroethane
Concen: 18.353 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	44.0	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 46.836 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 65 Resp: 195227

Ion Ratio Lower Upper

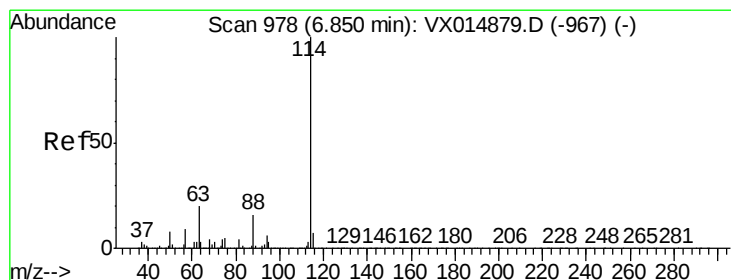
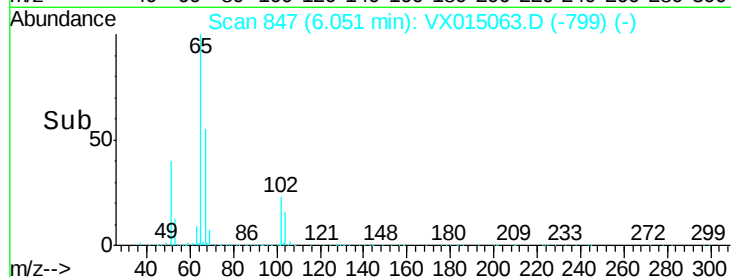
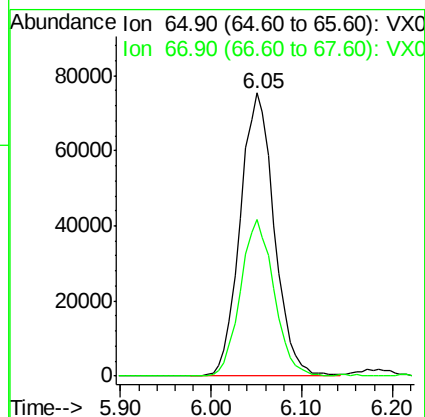
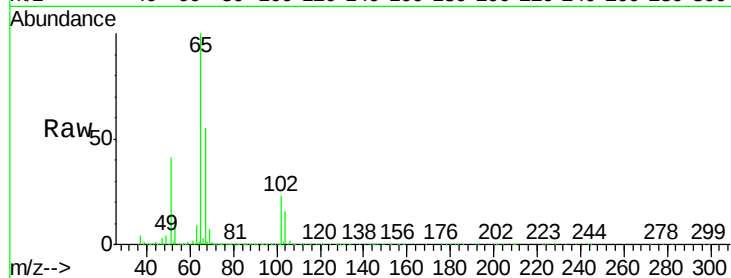
65 100

67 54.3 0.0 103.0

Manual Integrations
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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: VX015063.D

Acq: 02 Mar 2020 10:49

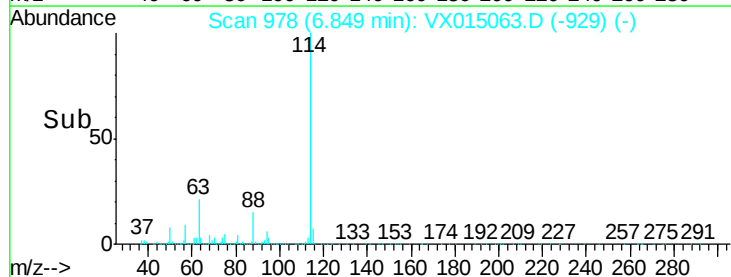
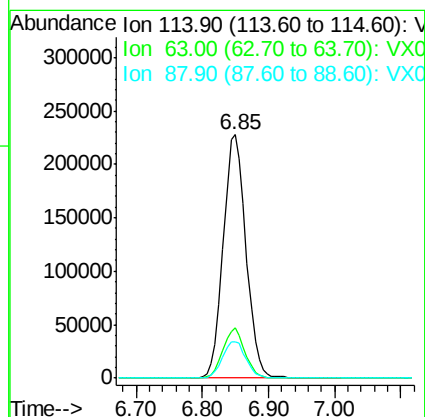
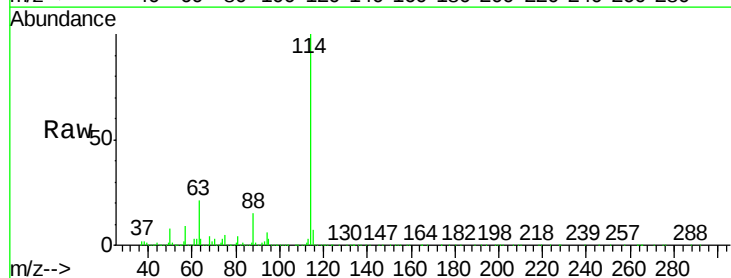
Tgt Ion: 114 Resp: 542103

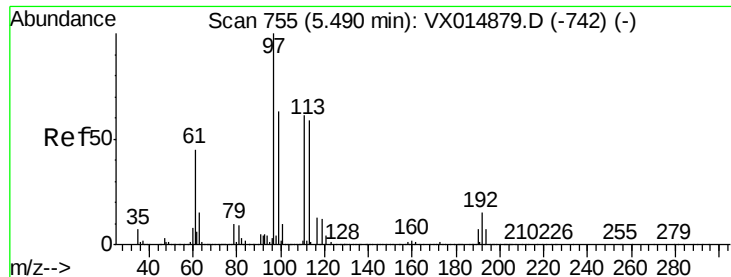
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.943 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

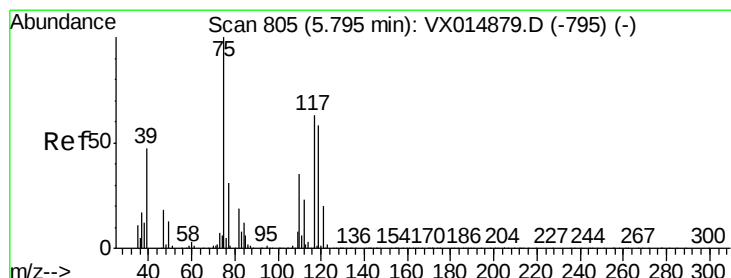
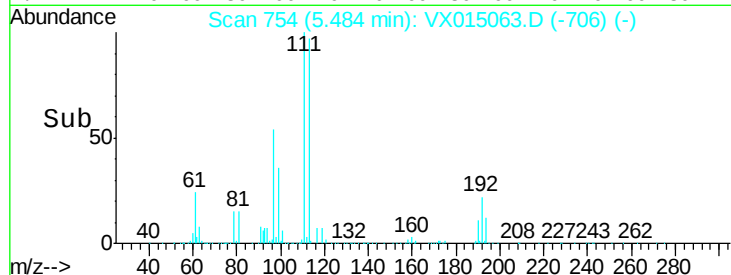
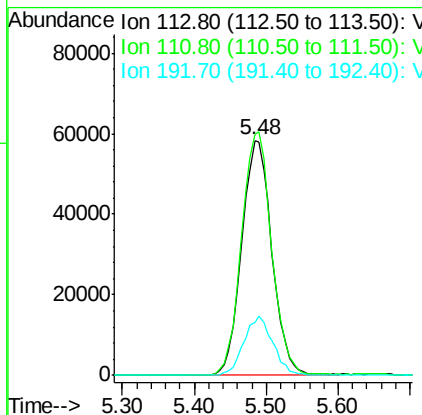
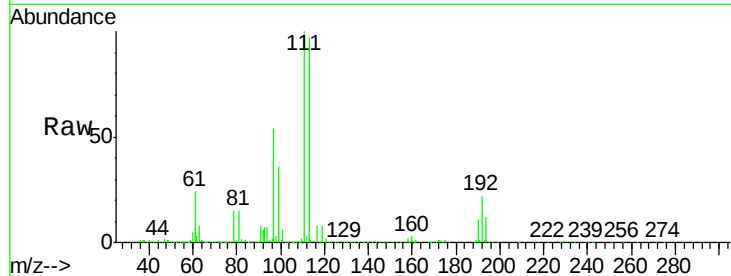
ClientSampleId :

VX0302WBS01

Tot Ion:	113	Resp:	169780
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.4	123.6
192	24.3	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.314 ug/l

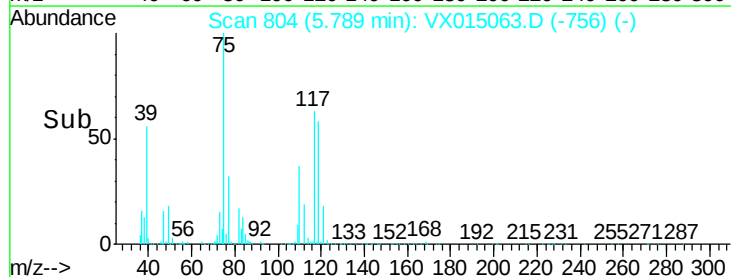
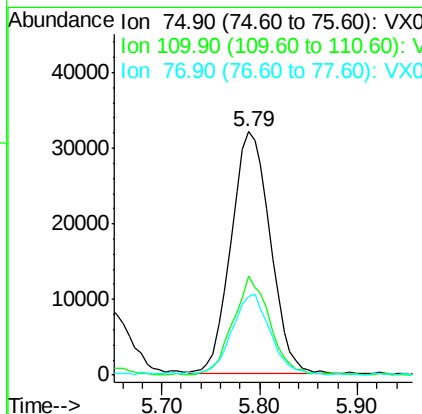
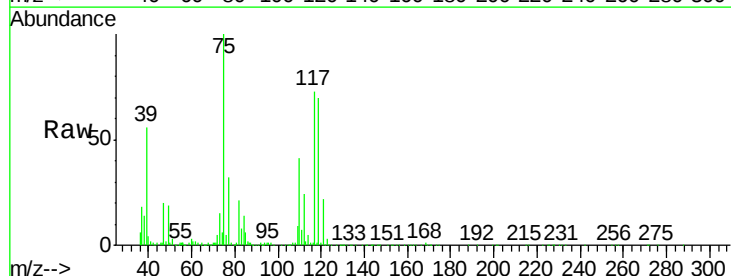
RT: 5.79 min Scan# 804

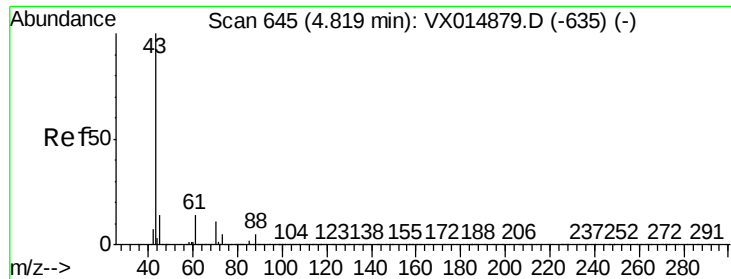
Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	75	Resp:	88810
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.3	54.8
77	32.3	24.6	36.8





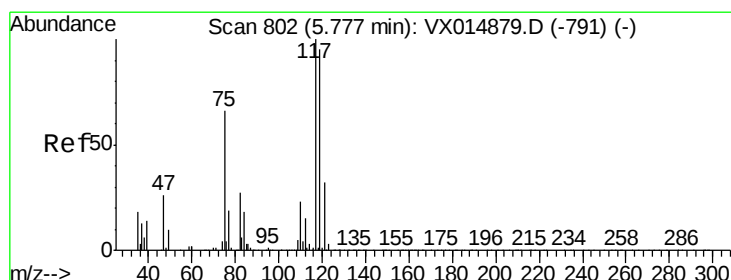
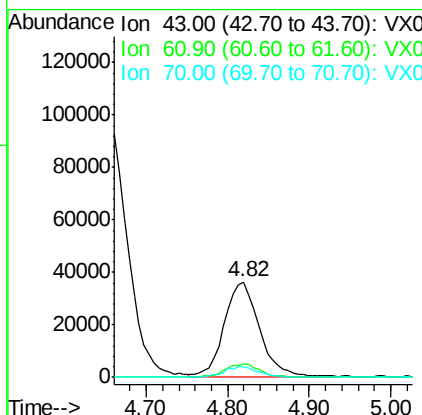
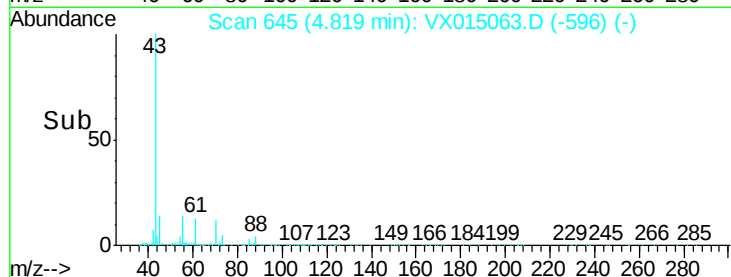
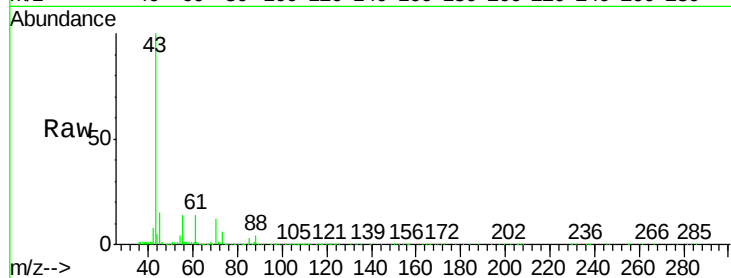
#37
Ethyl Acetate
Concen: 21.143 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	43	Resp	106938
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.9	16.3
70	10.9	8.7	13.1

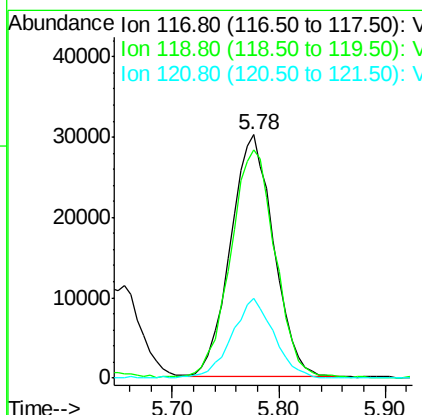
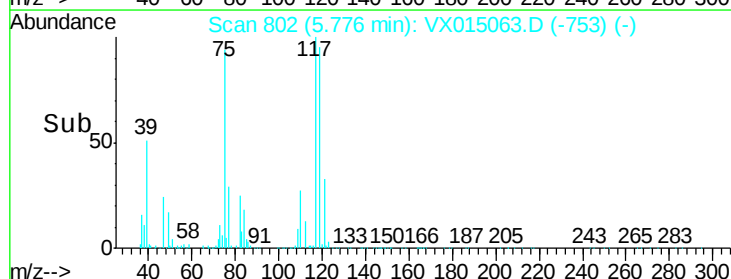
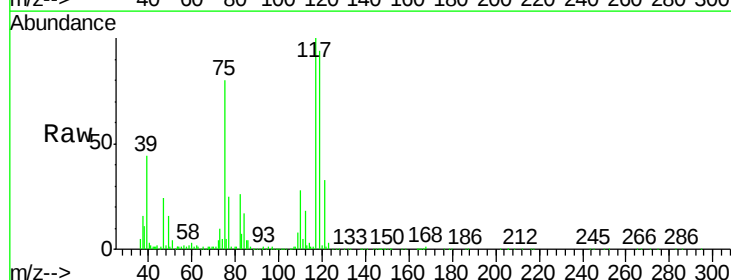
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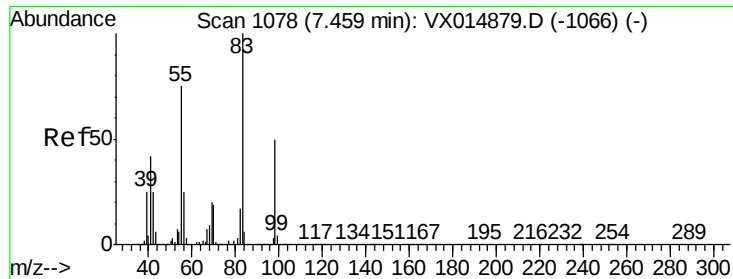
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3/3/2020 9:51:22 AM



#38
Carbon Tetrachloride
Concen: 18.078 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	117	Resp	85433
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.0	114.0
121	32.9	25.4	38.2





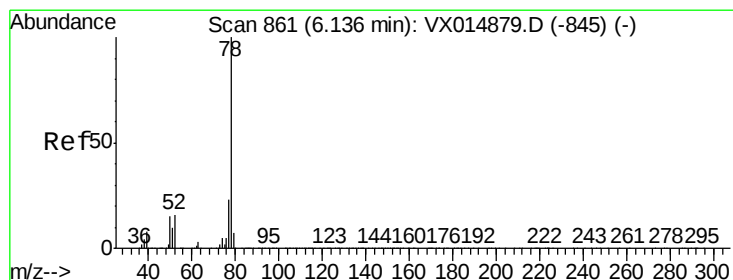
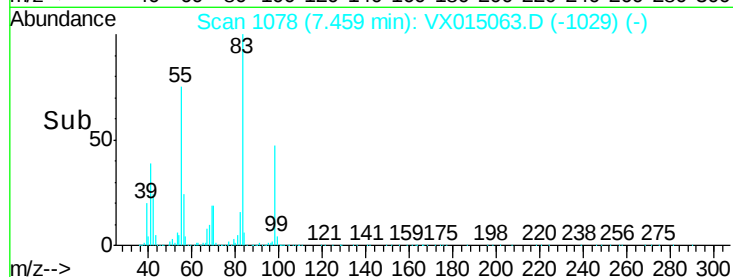
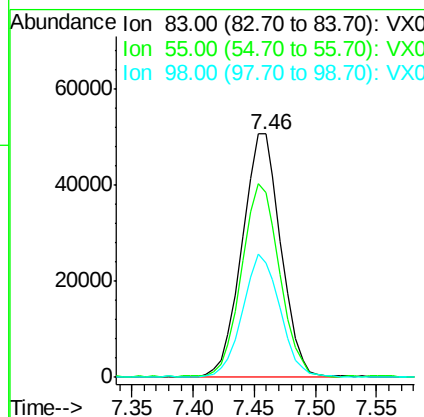
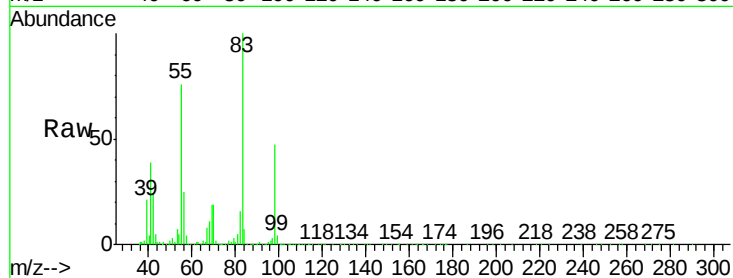
#39
Methvlcvclohexane
Concen: 18.309 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.0	90.0
98	46.5	39.6	59.4

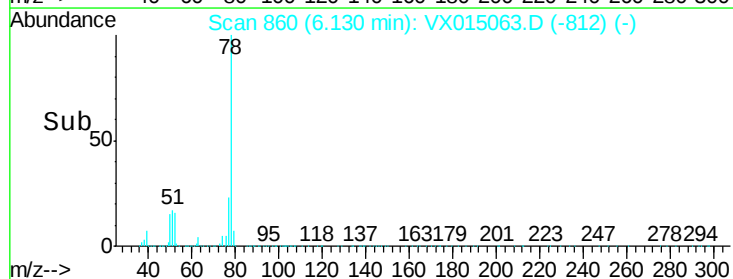
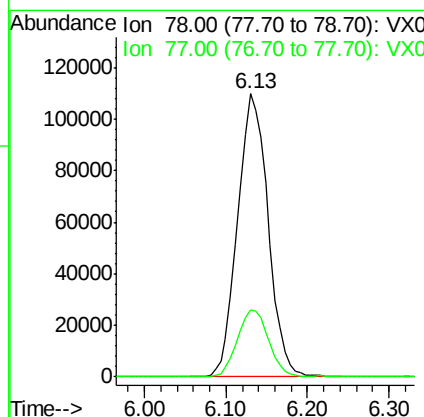
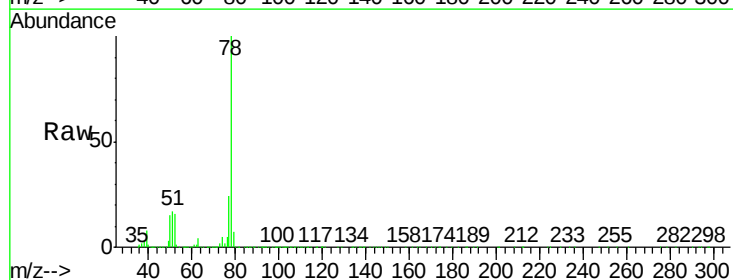
Manual Integrations
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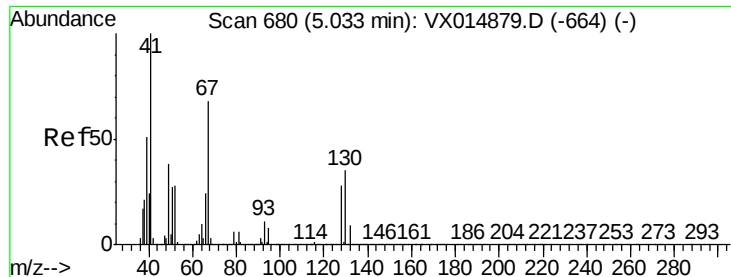
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#40
Benzene
Concen: 19.694 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





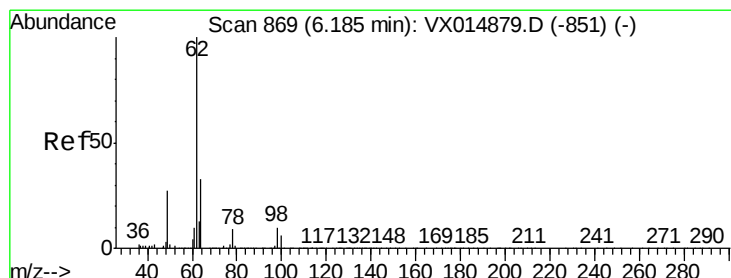
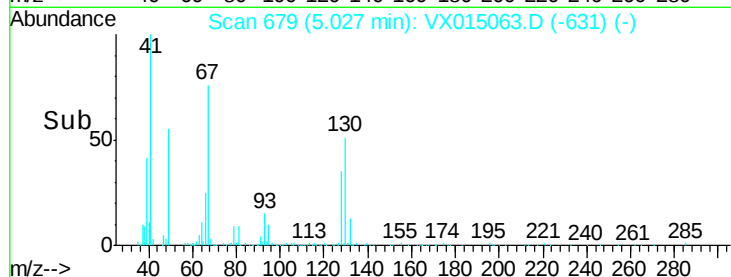
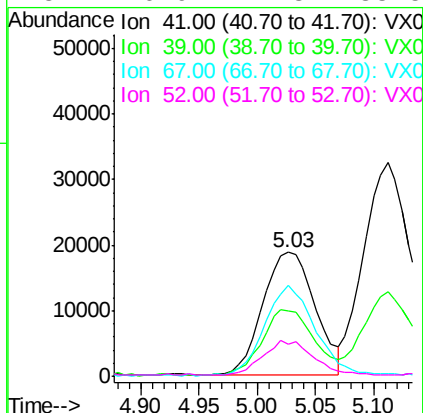
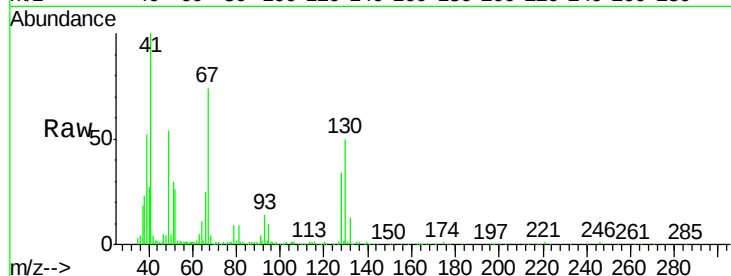
#41
Methacrylonitrile
Concen: 21.460 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		58471		
39	52.7	44.7	67.1		
67	70.3	56.6	84.8		
52	26.9	22.3	33.5		

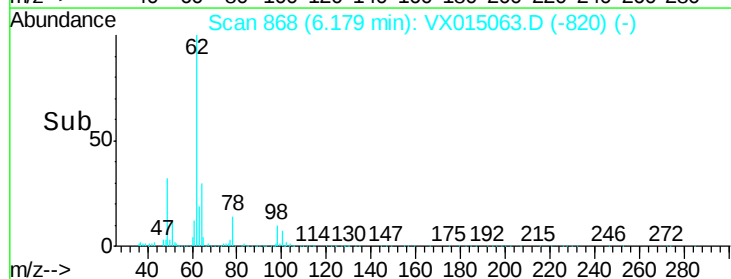
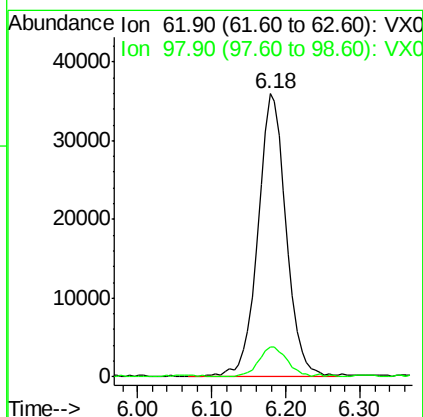
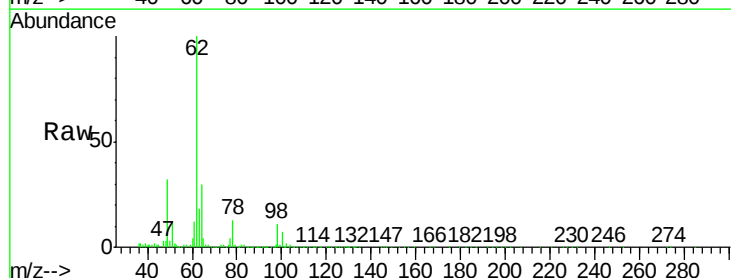
Manual Integrations
APPROVED

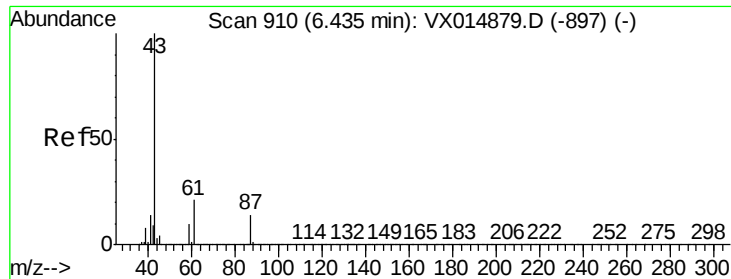
MMDadoda
3/3/2020 9:51:22 AM



#42
1,2-Dichloroethane
Concen: 18.289 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		95775		
98	10.8	0.0	19.2		





#43

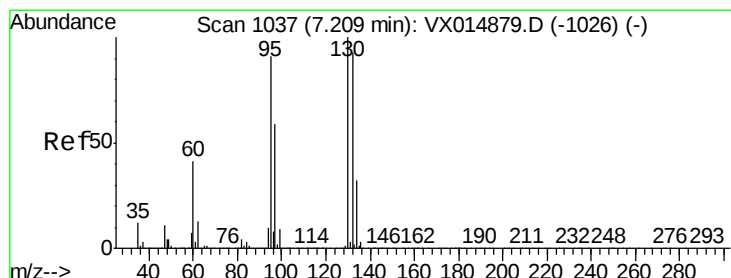
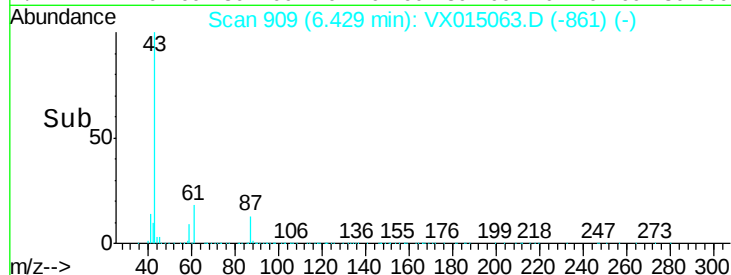
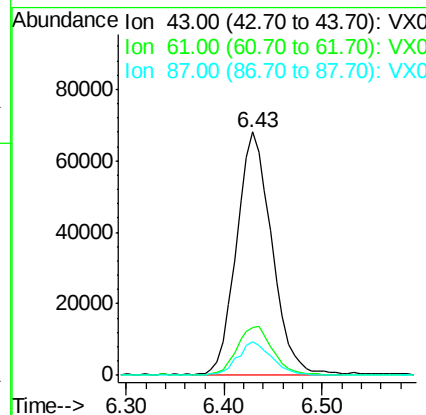
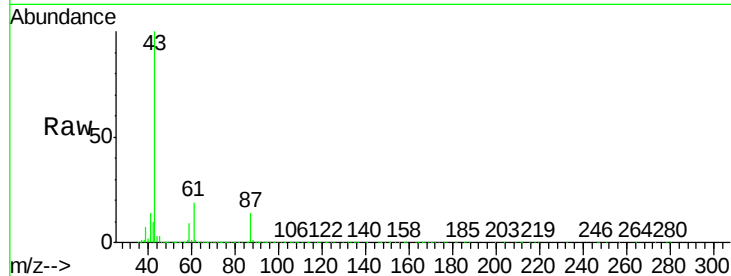
Isopropyl Acetate
 Concen: 20.211 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.2	24.4
87	13.3	11.0	16.6

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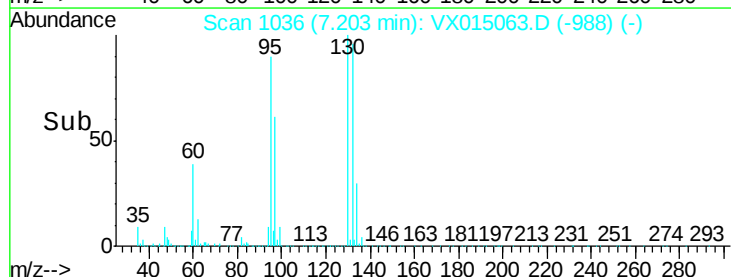
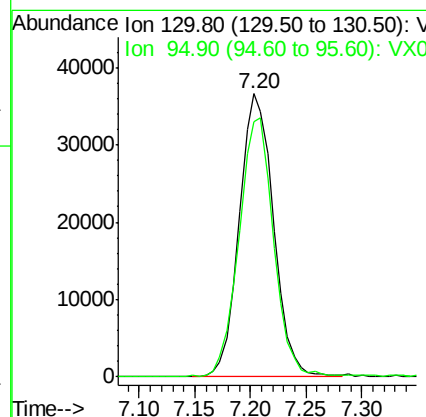
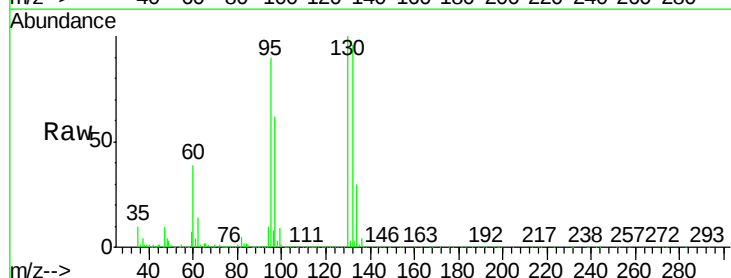
MMDadoda
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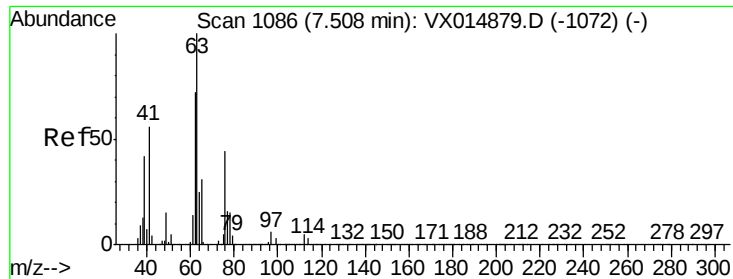


#44

Trichloroethene
 Concen: 18.583 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	182.6





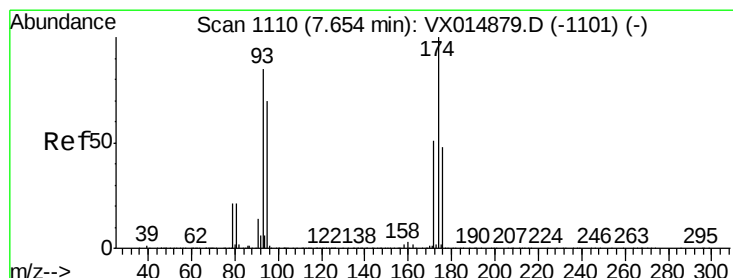
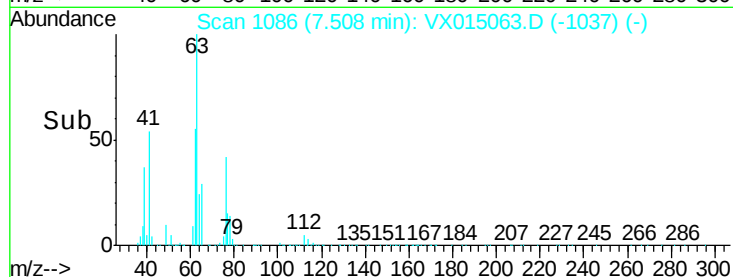
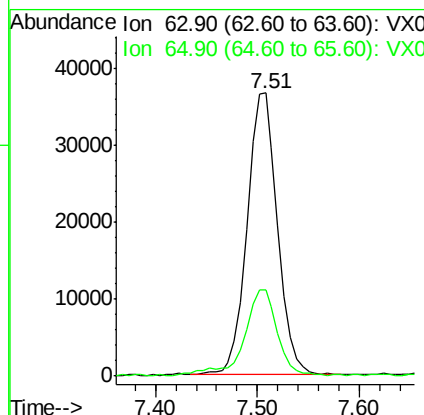
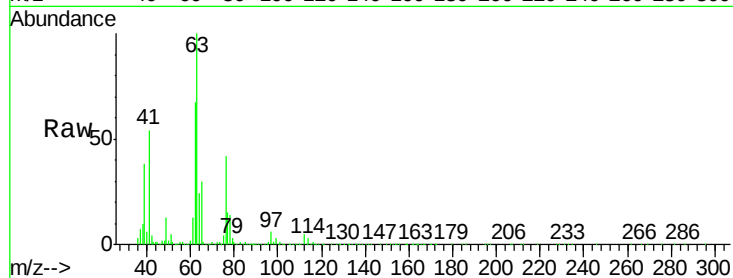
#45
 1,2-Dichloropropane
 Concen: 20.468 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.9	37.3

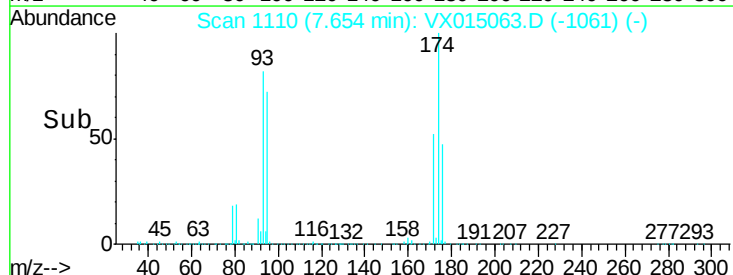
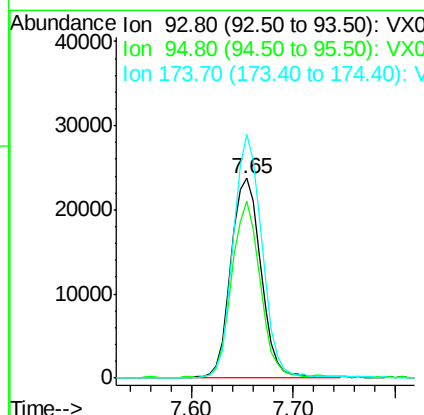
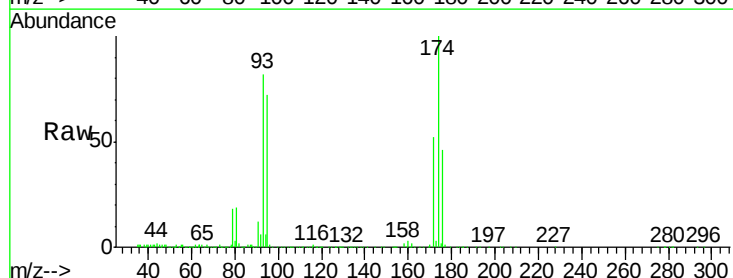
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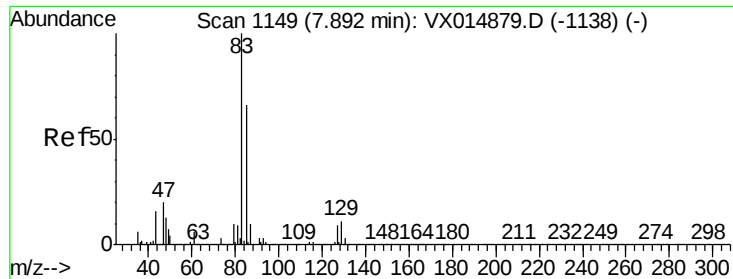
MMDadoda
 3/3/2020 9:51:22 AM



#46
 Dibromomethane
 Concen: 19.280 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.8	98.8
174	115.6	95.4	143.2





#47

Bromodichloromethane

Concen: 19.173 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

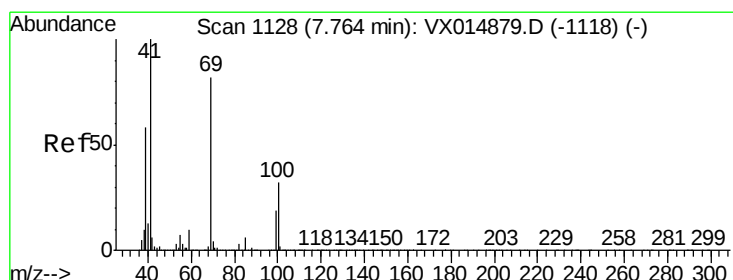
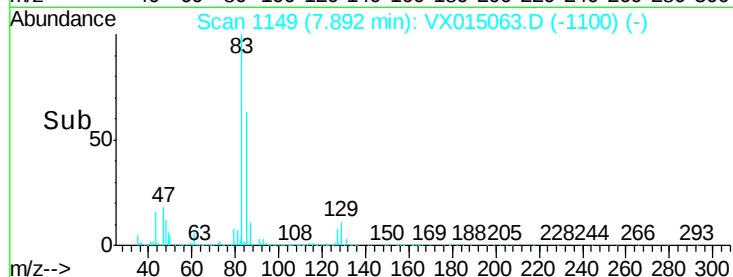
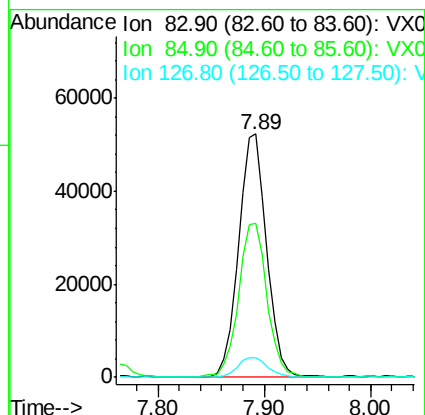
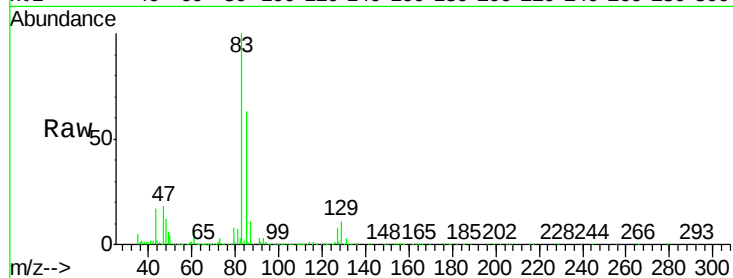
ClientSampleId :

VX0302WBS01

Tot Ion:	83	Resp:	96020
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7
127	8.2	7.4	11.0

Manual Integrations
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3/3/2020 9:51:22 AM



#48

Methyl methacrylate

Concen: 20.444 ug/l

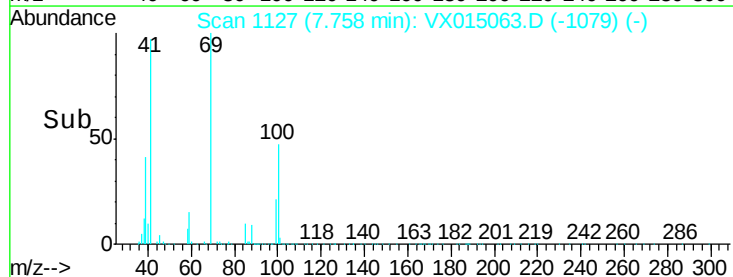
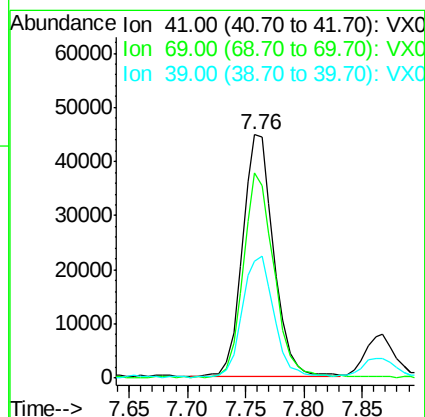
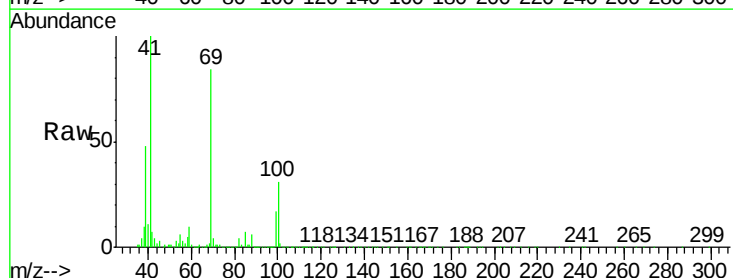
RT: 7.76 min Scan# 1127

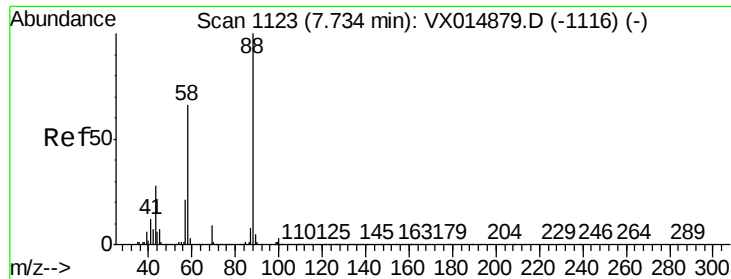
Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	41	Resp:	83943
Ion	Ratio	Lower	Upper
41	100		
69	83.6	65.7	98.5
39	52.0	45.8	68.8





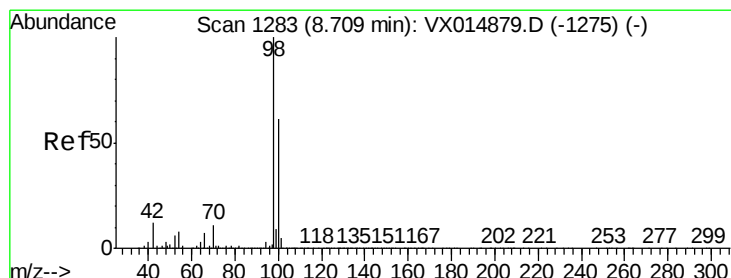
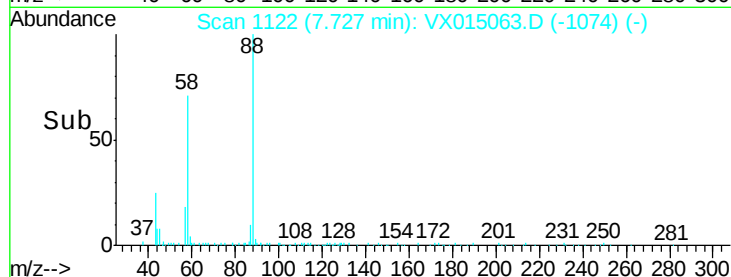
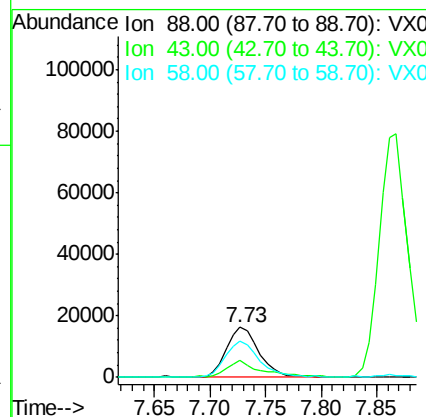
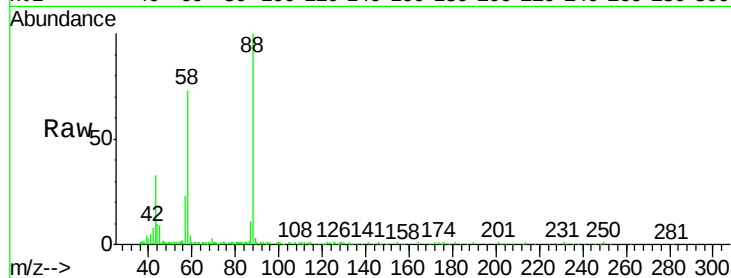
#49
1,4-Dioxane
Concen: 430.636 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.0	40.4
58	72.4	53.2	79.8

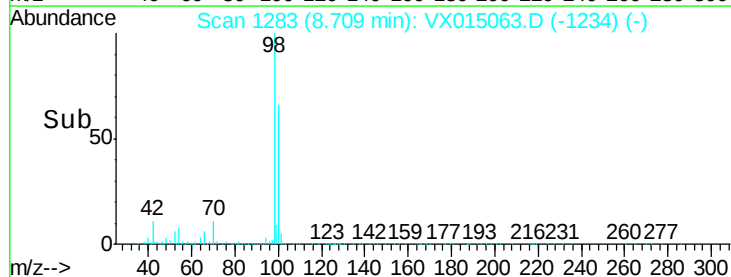
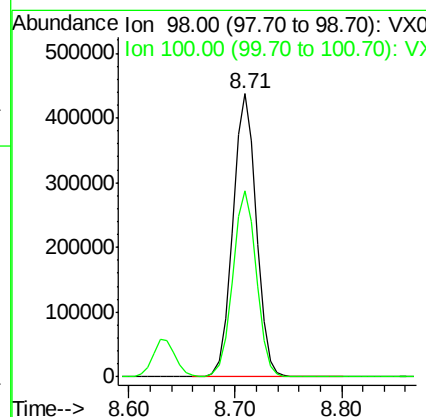
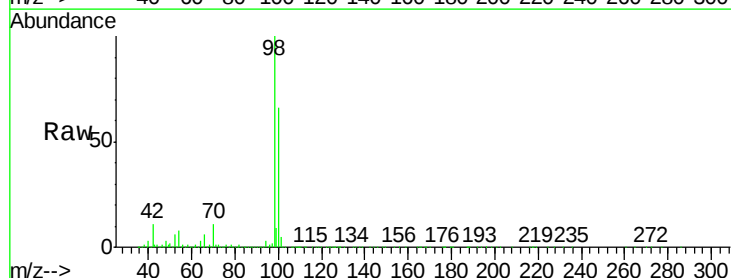
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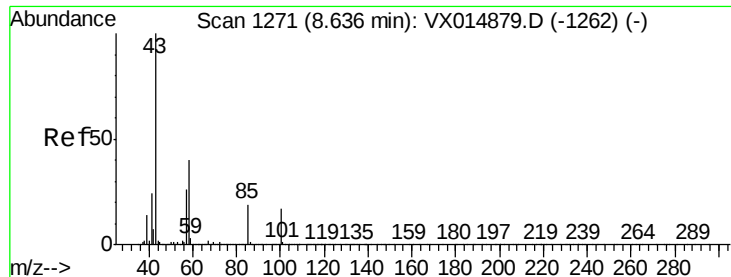
MMDadoda
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#50
Toluene-d8
Concen: 53.040 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 109.324 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 43 Resp: 550764

Ion Ratio Lower Upper

43 100

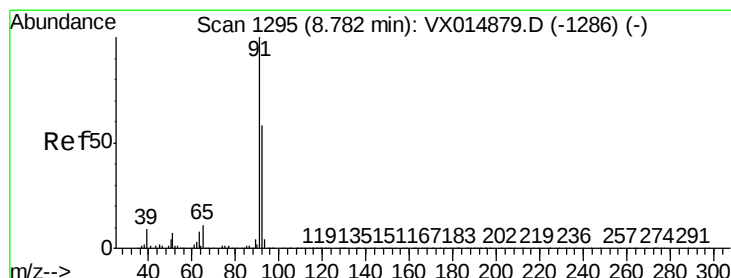
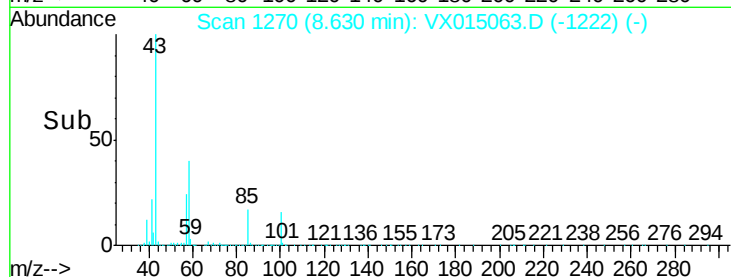
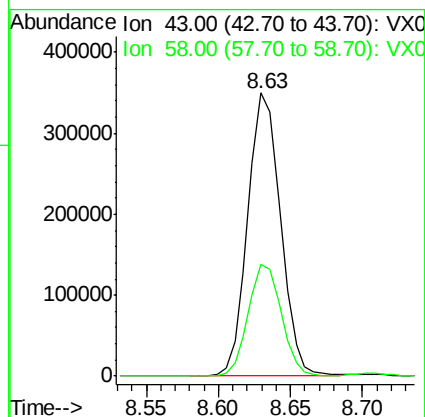
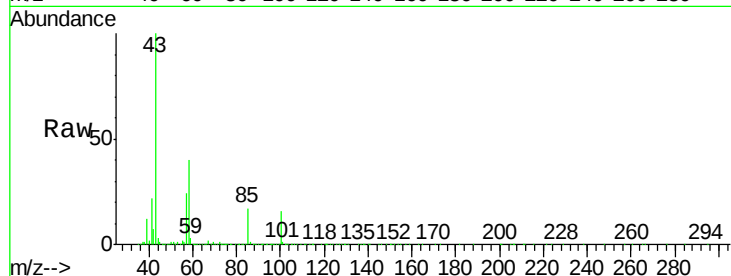
58 39.7 31.9 47.9

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#52

Toluene

Concen: 20.548 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015063.D

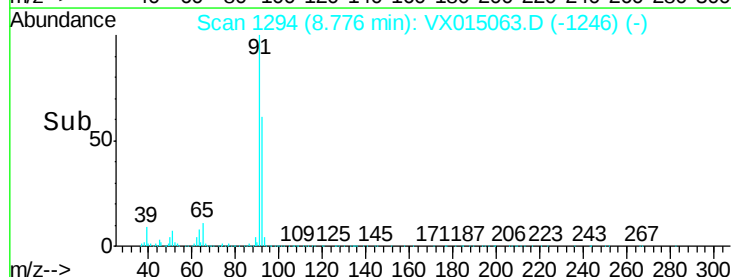
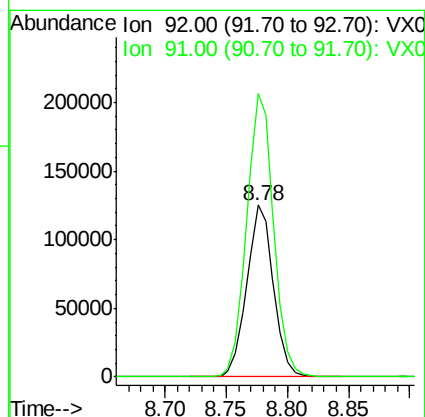
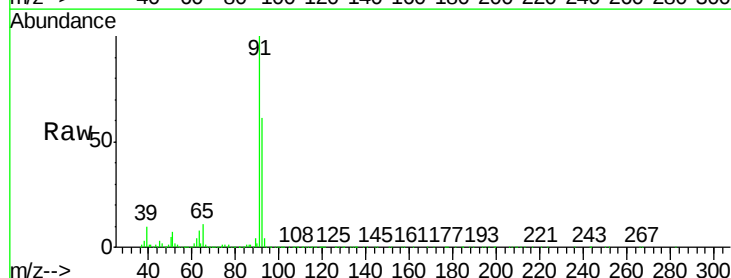
Acq: 02 Mar 2020 10:49

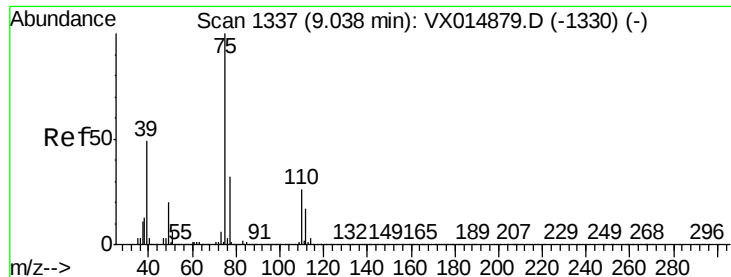
Tgt Ion: 92 Resp: 189092

Ion Ratio Lower Upper

92 100

91 166.5 137.0 205.4





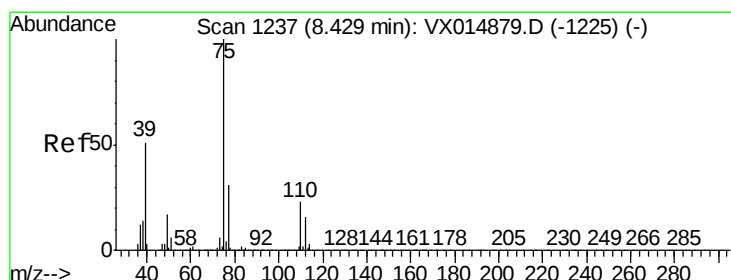
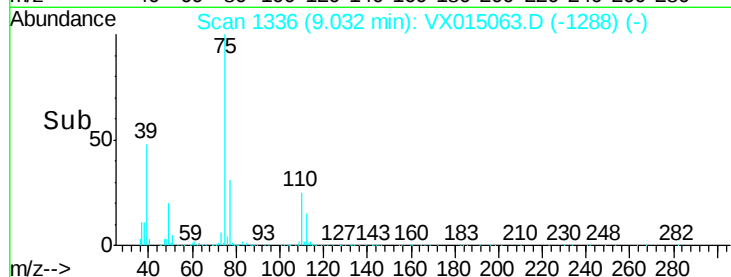
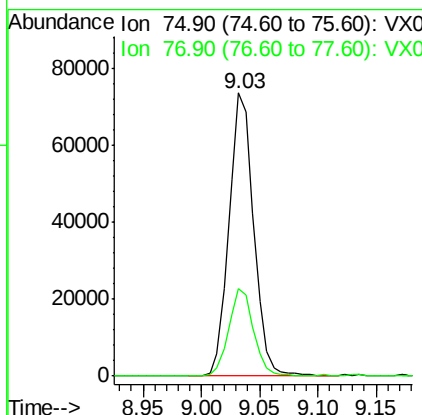
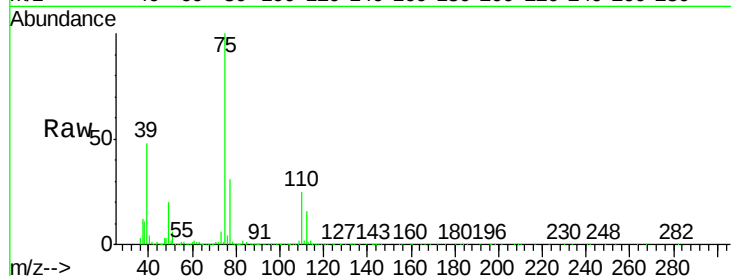
#53
t-1,3-Dichloropropene
Concen: 19.720 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3

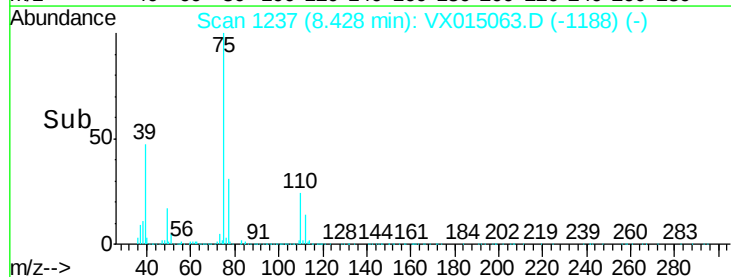
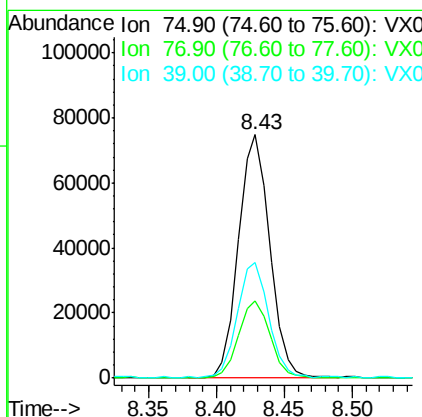
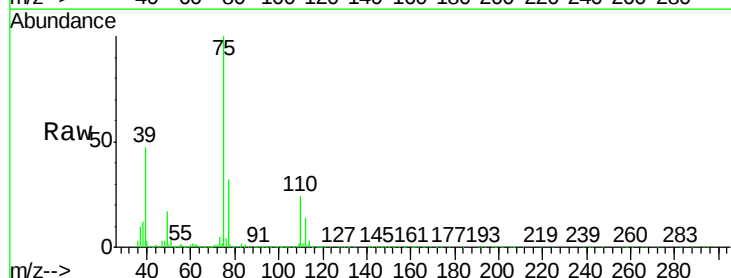
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#54
cis-1,3-Dichloropropene
Concen: 19.862 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	37.0
39	46.7	40.9	61.3





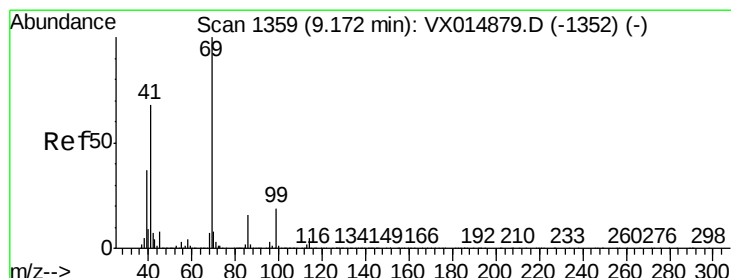
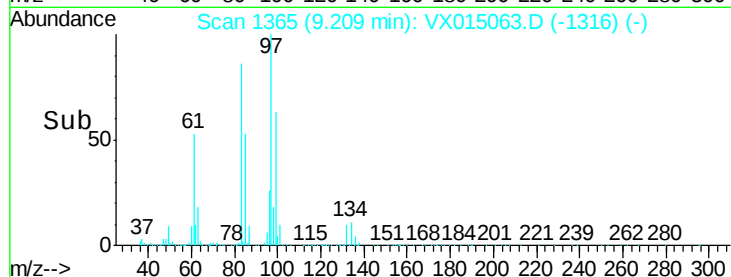
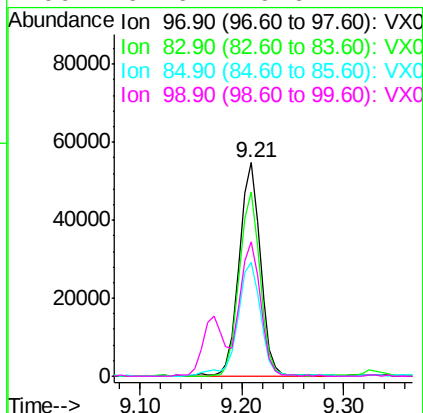
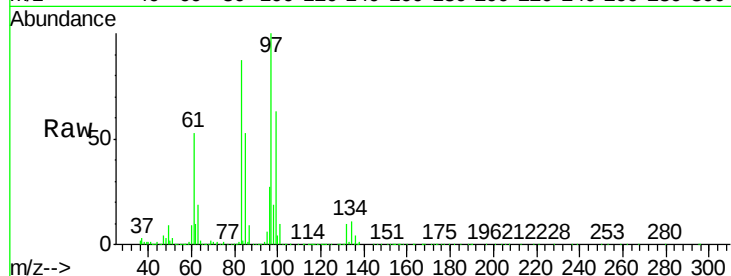
#55
1,1,2-Trichloroethane
Concen: 21.193 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		78903		
83	86.4	66.6	99.8		
85	53.2	43.5	65.3		
99	62.6	49.6	74.4		

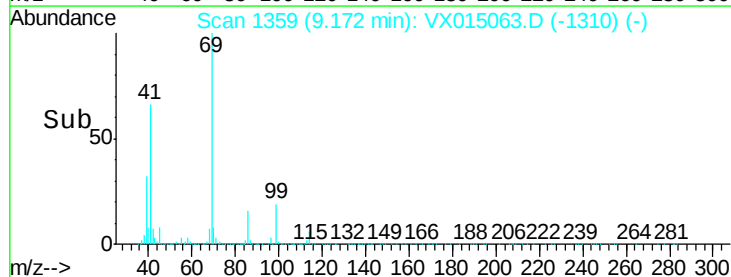
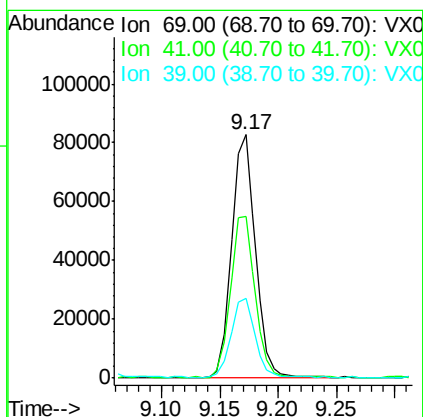
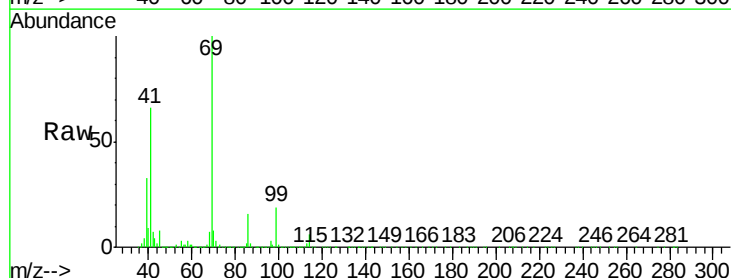
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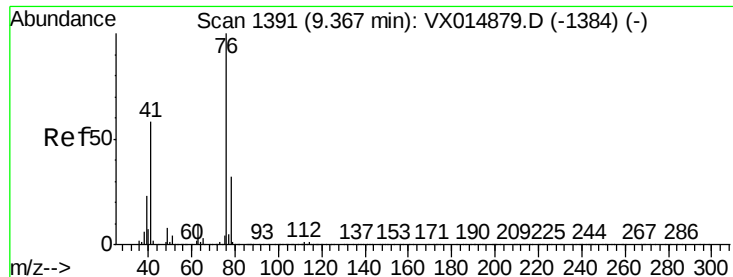
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#56
Ethyl methacrylate
Concen: 21.222 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		118762		
41	68.1	54.8	82.2		
39	32.6	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 20.970 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion: 76 Resp: 131426

Ion Ratio Lower Upper

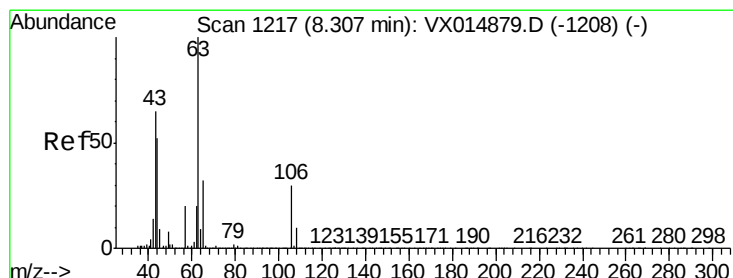
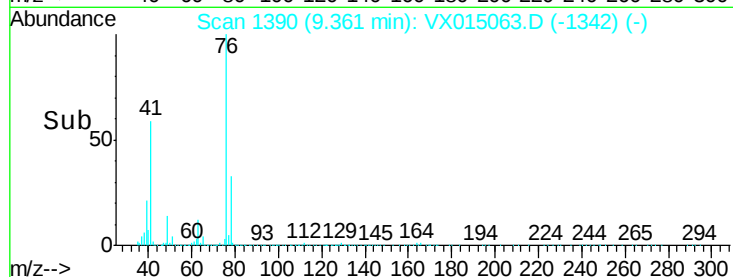
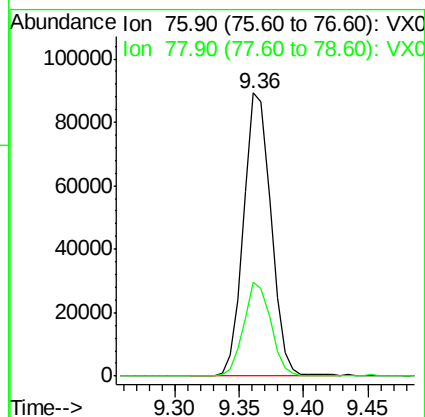
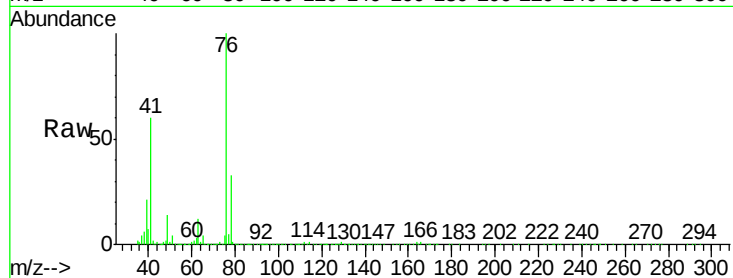
76 100

78 32.6 25.8 38.8

Manual Integrations
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3/3/2020 9:51:22 AM



#58

2-Chloroethyl Vinyl ether

Concen: 106.536 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015063.D

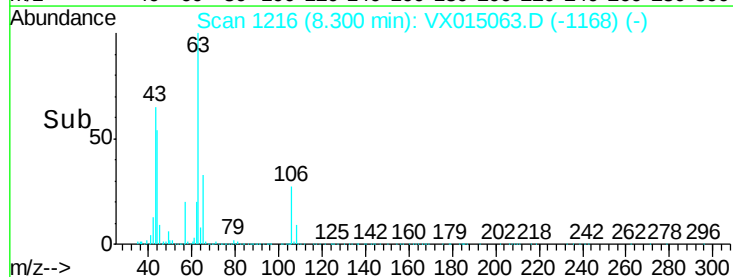
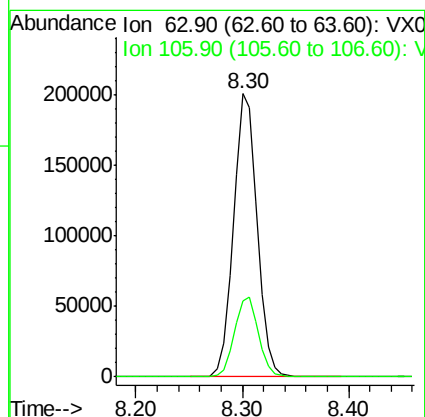
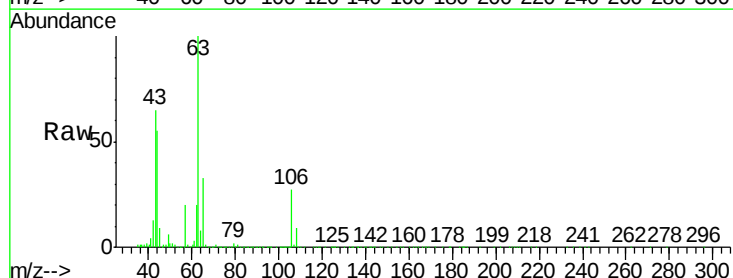
Acq: 02 Mar 2020 10:49

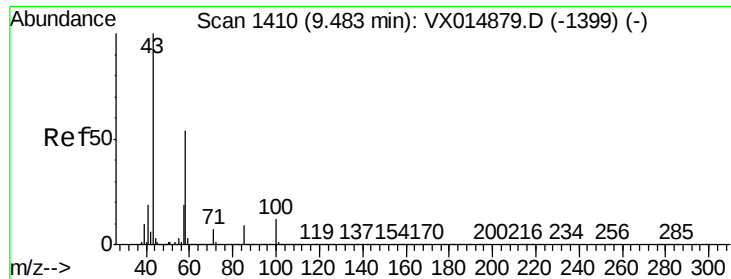
Tgt Ion: 63 Resp: 311797

Ion Ratio Lower Upper

63 100

106 28.9 23.8 35.8





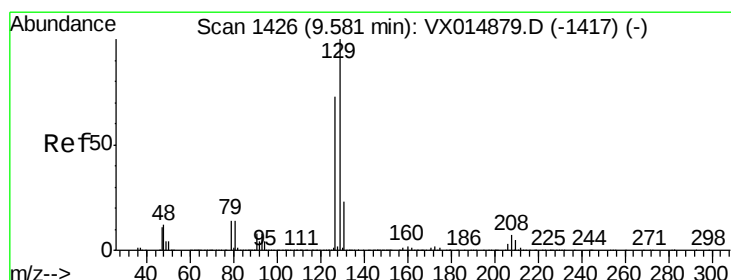
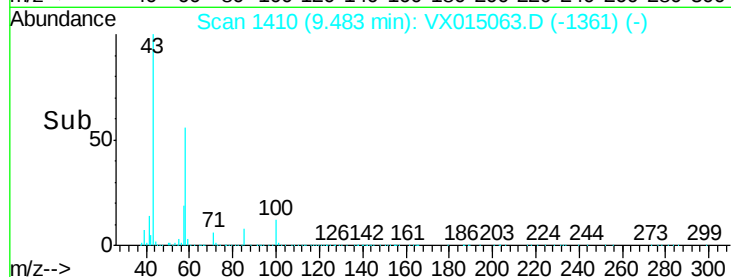
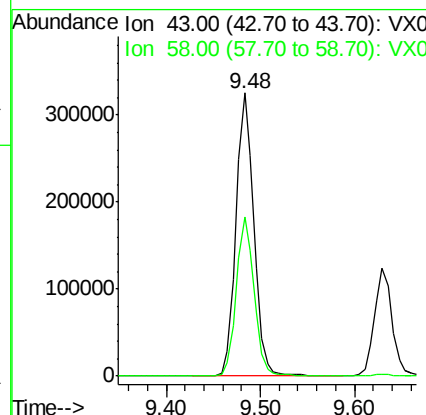
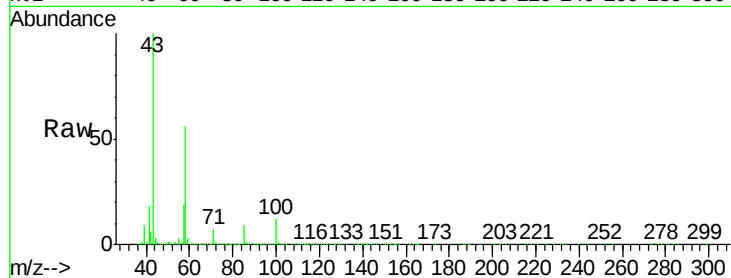
#59
2-Hexanone
Concen: 108.415 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.5	82.5

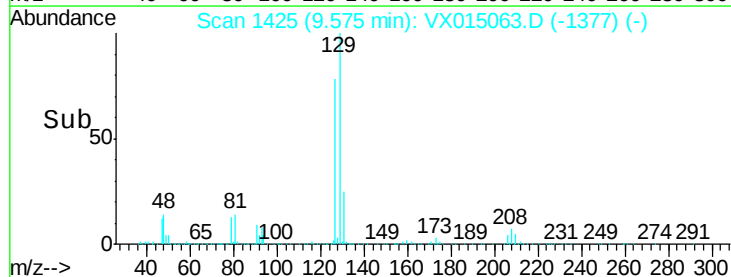
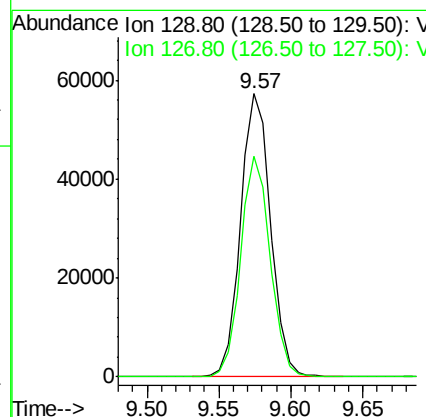
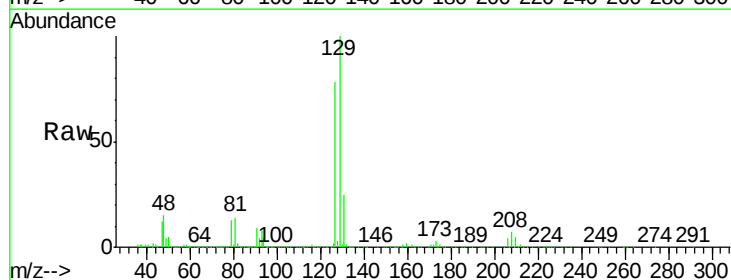
Manual Integrations
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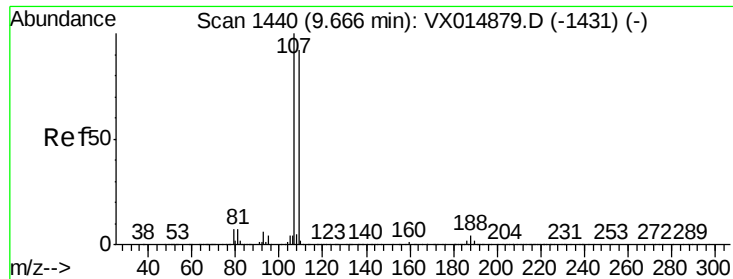
MMDadoda
3/3/2020 9:51:22 AM



#60
Dibromochloromethane
Concen: 20.632 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	37.8	113.3





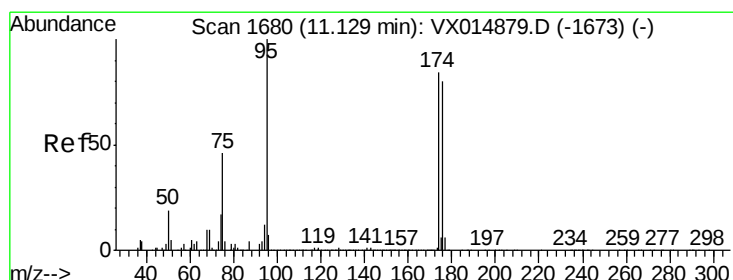
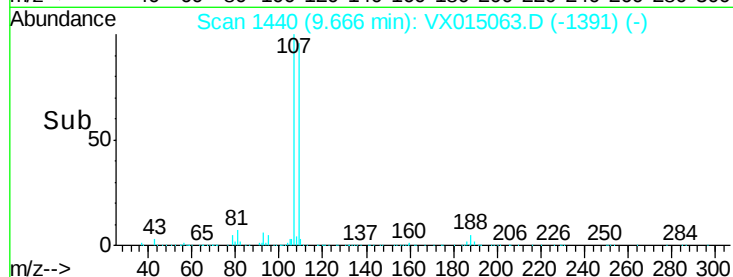
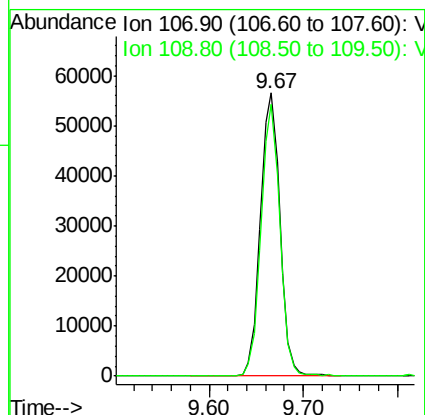
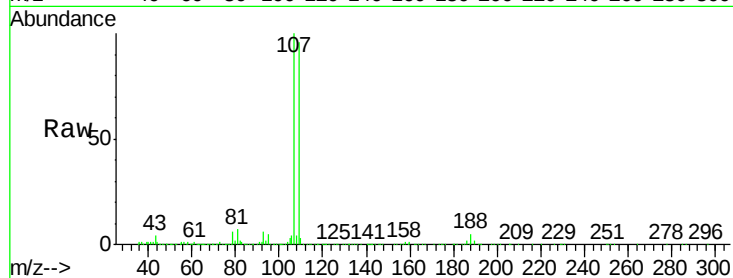
#61
 1,2-Dibromoethane
 Concen: 20.542 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.6	113.4

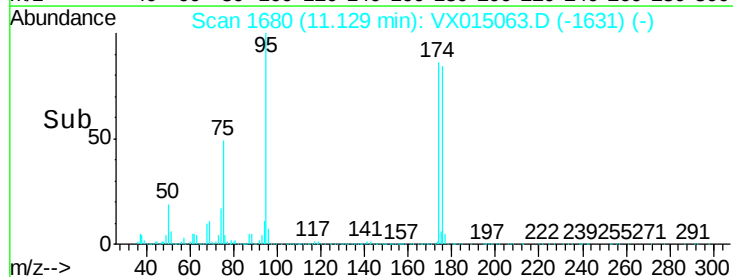
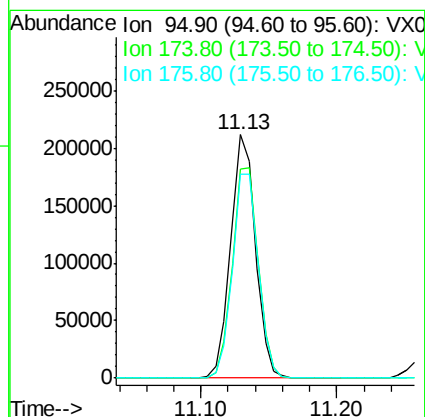
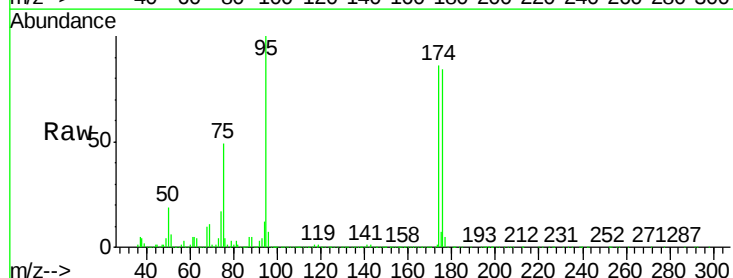
Manual Integrations
 APPROVED

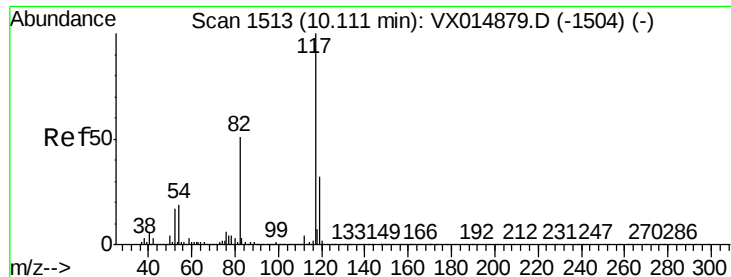
MMDadoda
 3/3/2020 9:51:22 AM



#62
 4-Bromofluorobenzene
 Concen: 58.703 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	183.0
176	87.7	0.0	178.0





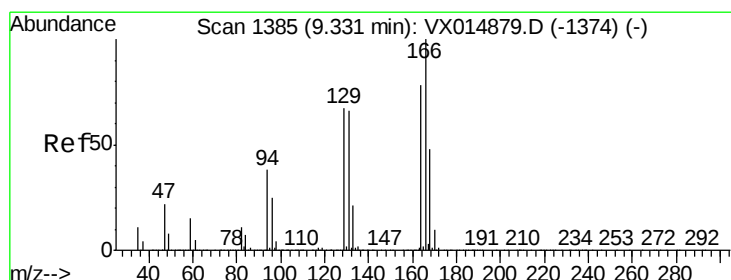
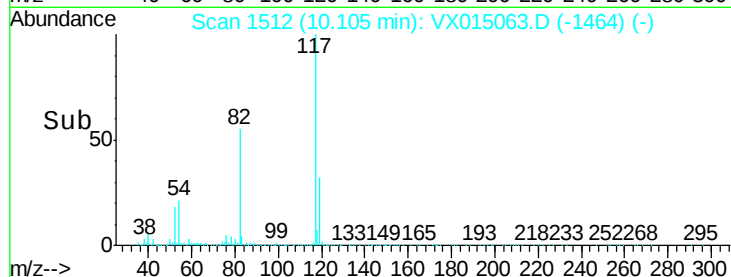
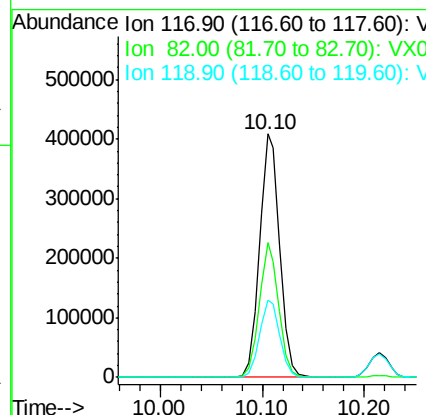
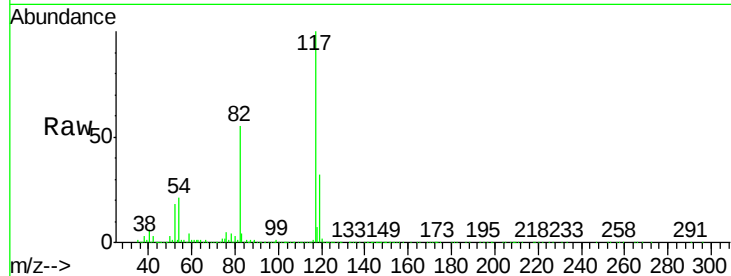
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	40.5	60.7
119	31.6	25.8	38.6

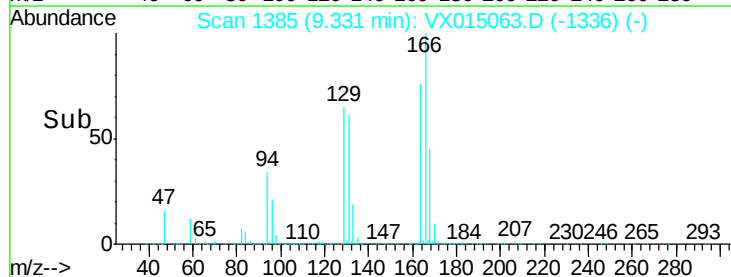
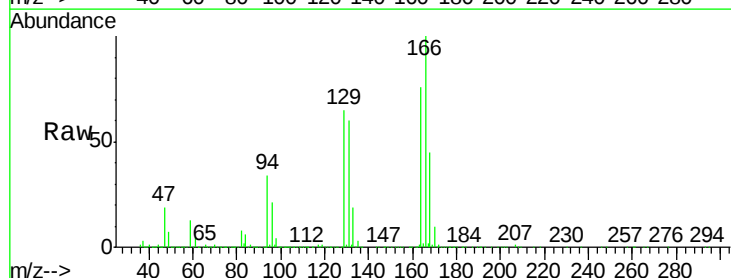
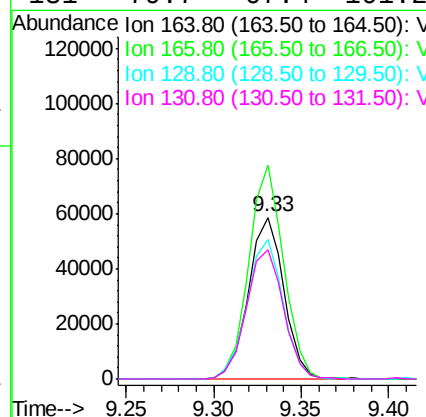
Manual Integrations
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3/3/2020 9:51:22 AM



#64
Tetrachloroethene
Concen: 15.692 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	102.6	153.8
129	86.2	68.3	102.5
131	79.7	67.4	101.2





#65

Chlorobenzene

Concen: 19.260 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion:112 Resp: 220383

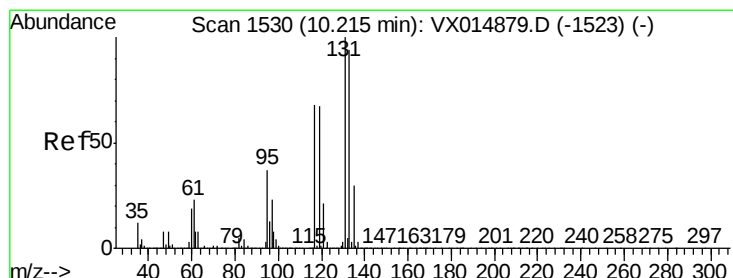
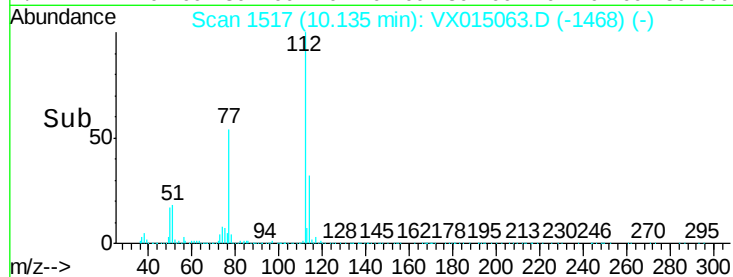
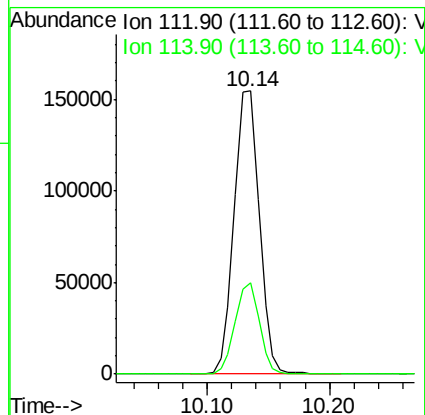
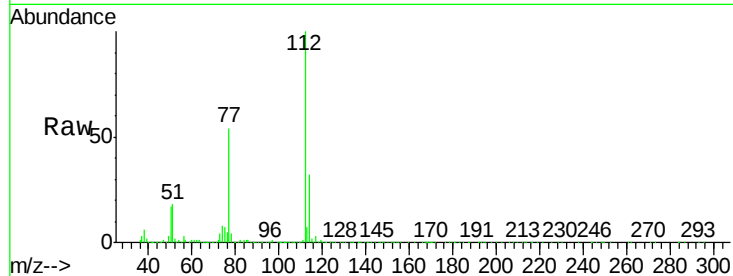
Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.776 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

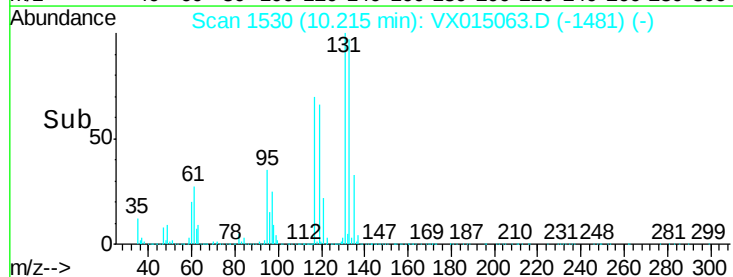
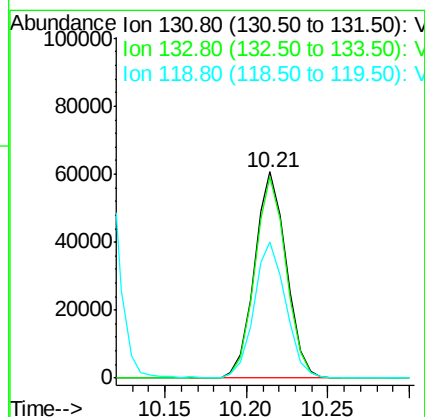
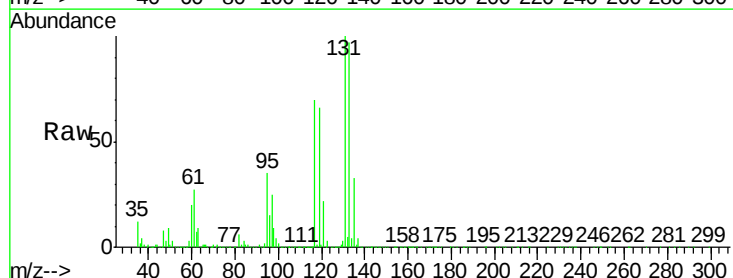
Tgt Ion:131 Resp: 82152

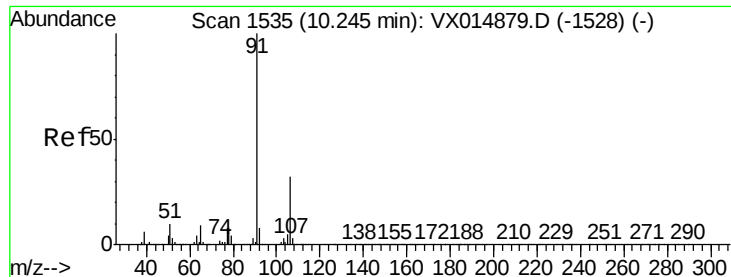
Ion Ratio Lower Upper

131 100

133 96.6 48.1 144.4

119 65.9 33.0 99.0





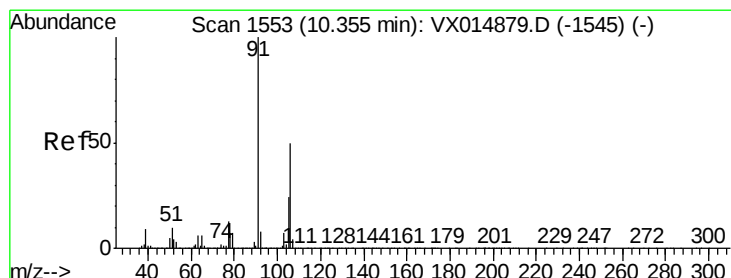
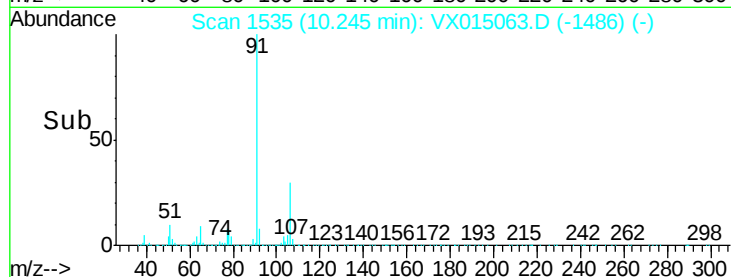
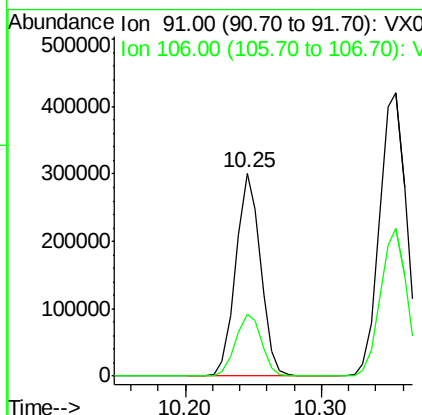
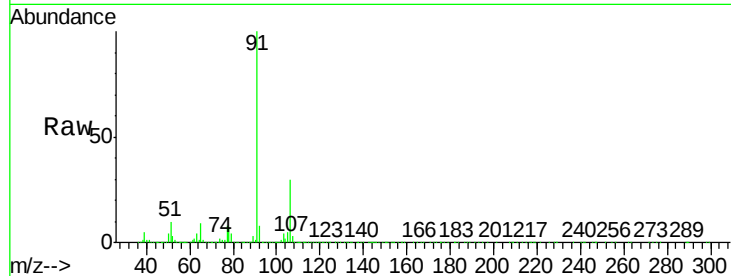
#67
Ethyl Benzene
Concen: 19.700 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion: 91 Resp: 383361
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9

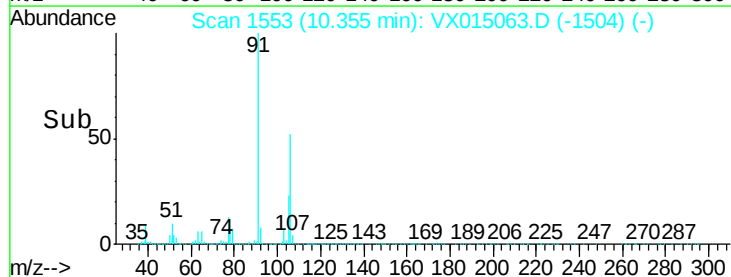
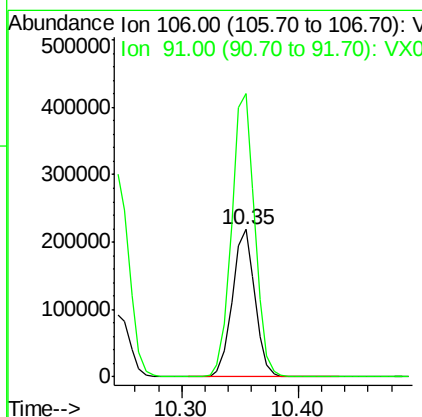
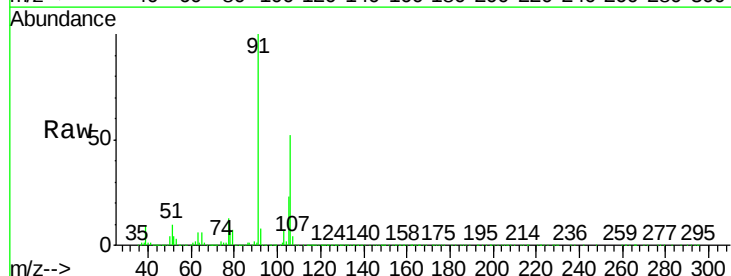
Manual Integrations
APPROVED

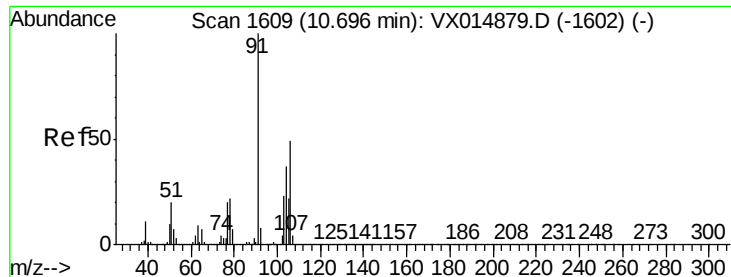
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3/3/2020 9:51:22 AM



#68
m/p-Xylenes
Concen: 39.197 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion: 106 Resp: 293845
Ion Ratio Lower Upper
106 100
91 197.6 160.6 240.8





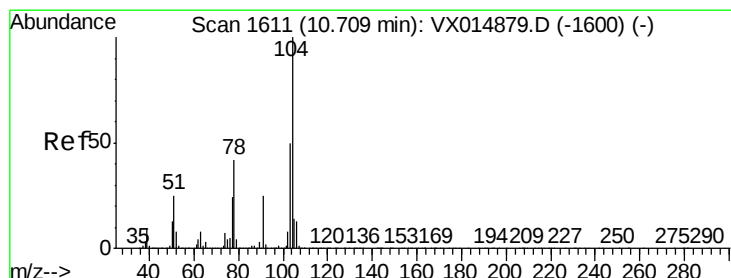
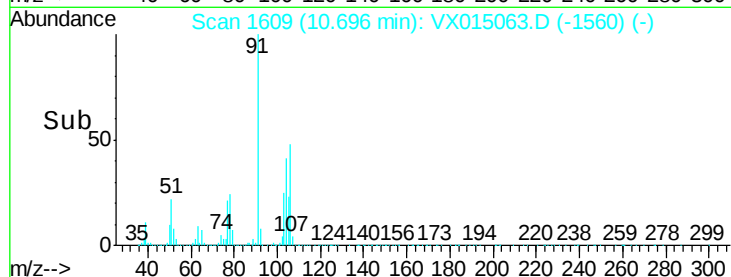
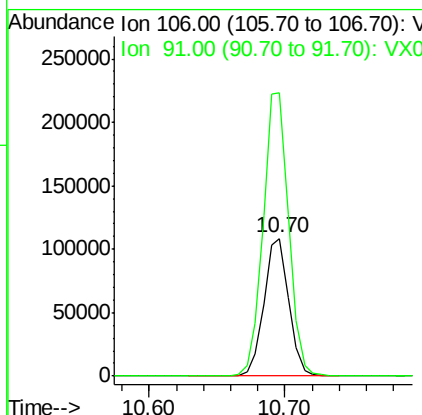
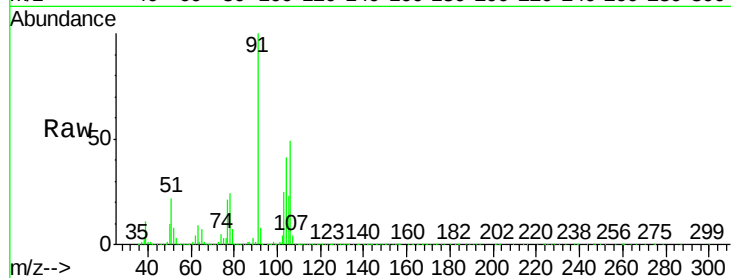
#69
o-Xylene
Concen: 19.338 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	105.1	315.3

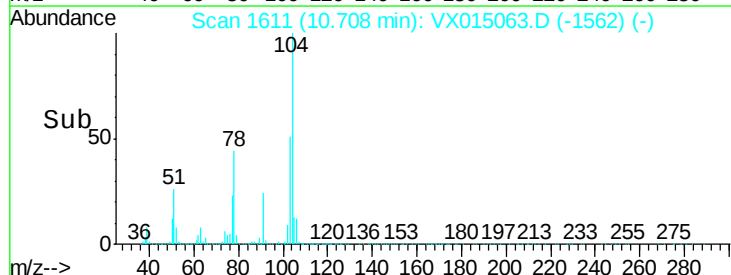
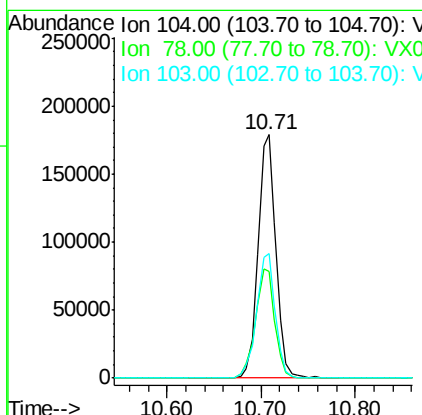
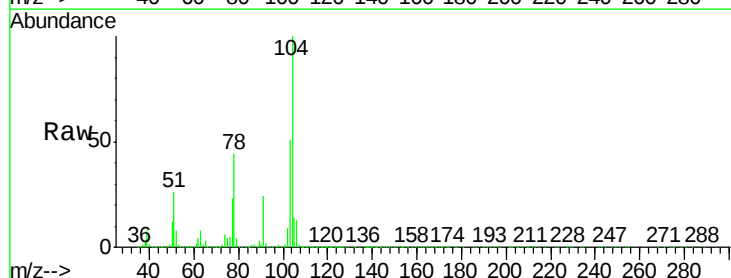
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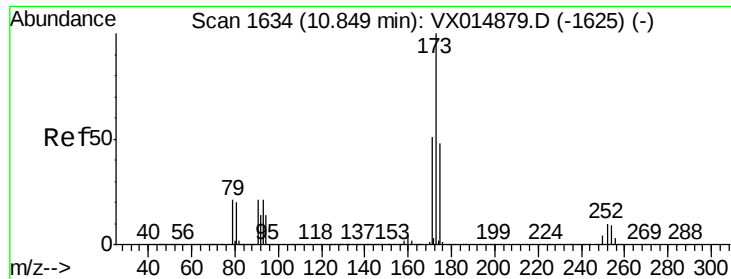
MMDadoda
3/3/2020 9:51:22 AM



#70
Styrene
Concen: 19.677 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	53.8	43.4	65.0





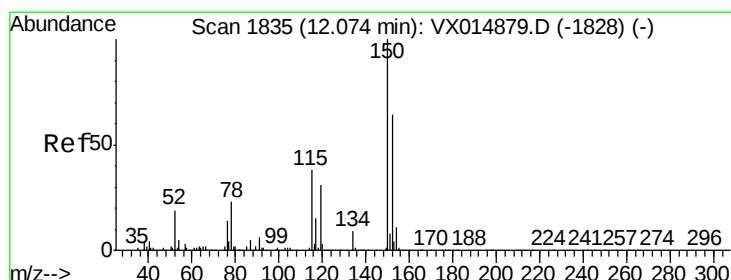
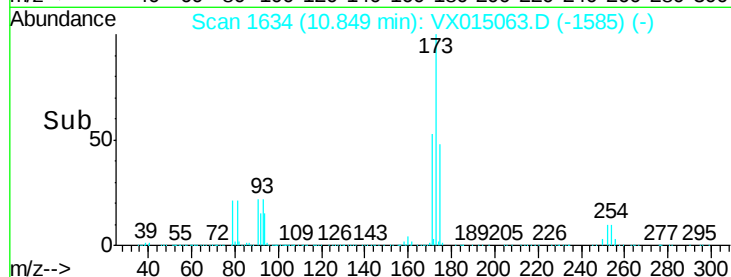
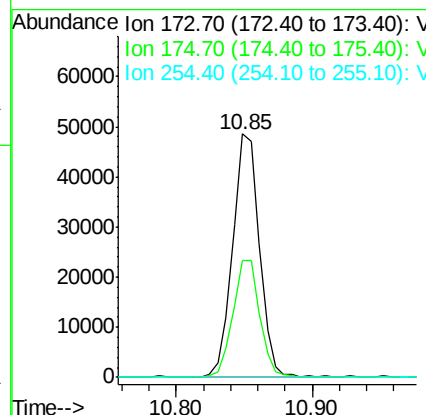
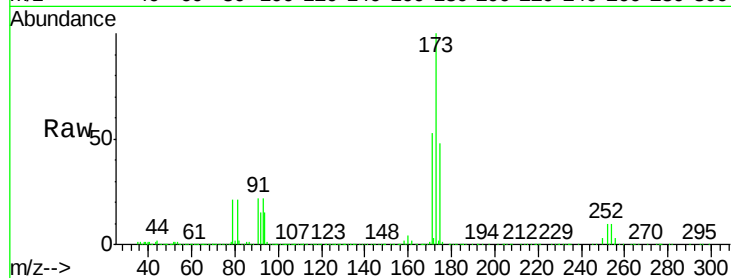
#71
Bromoform
Concen: 19.227 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.2	72.6
254	0.2	0.2	0.2

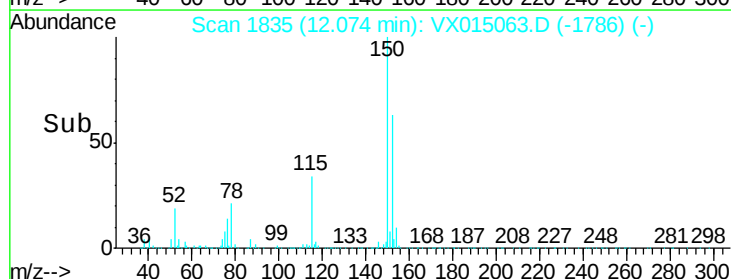
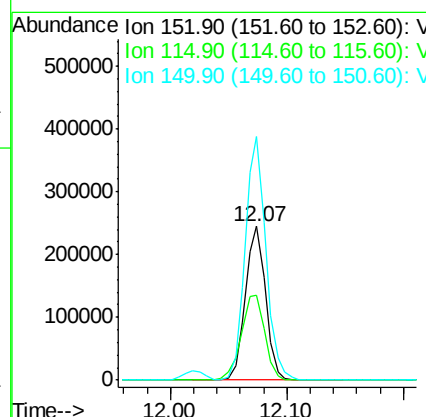
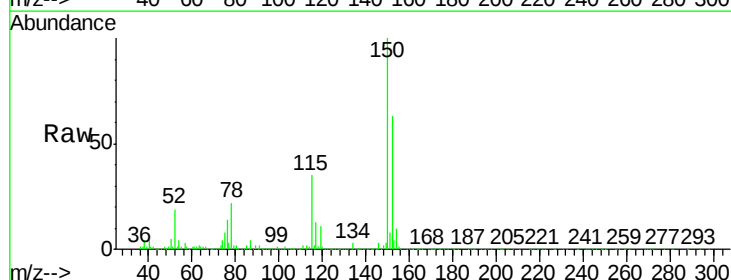
Manual Integrations
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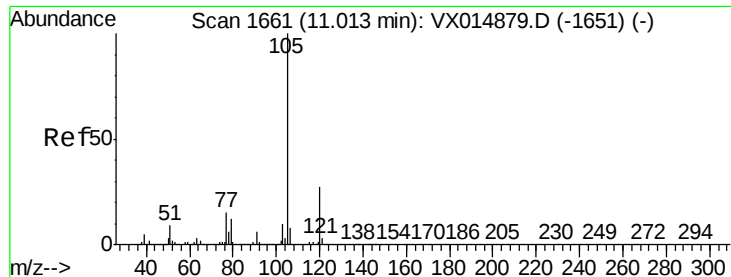
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3/3/2020 9:51:22 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	38.6	116.0
150	162.9	0.0	349.0





#73

Isopropylbenzene

Concen: 20.404 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion:105 Resp: 377936

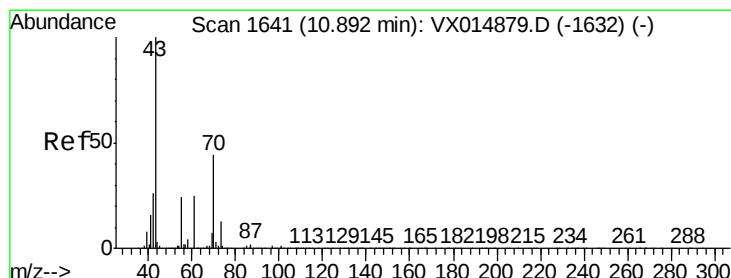
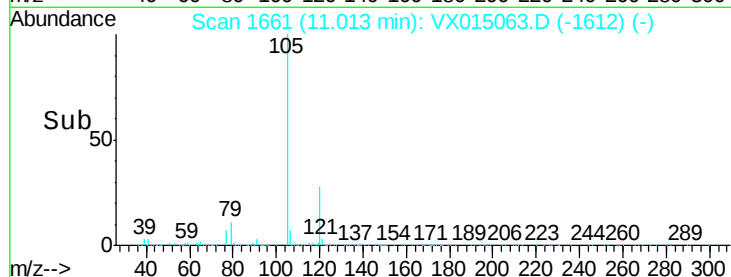
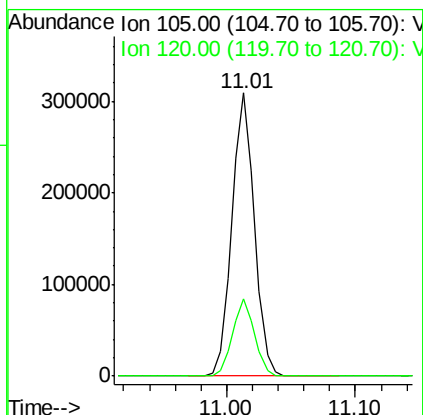
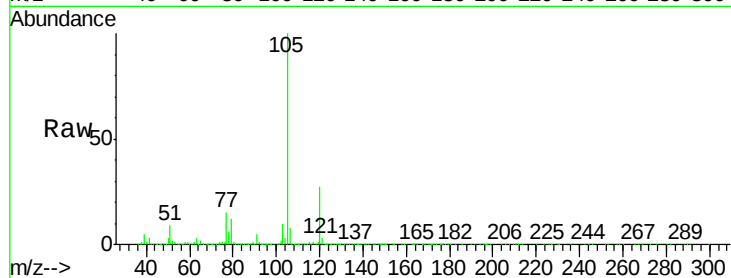
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8

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3/3/2020 9:51:22 AM



#74

N-ethyl acetate

Concen: 20.486 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion: 43 Resp: 157659

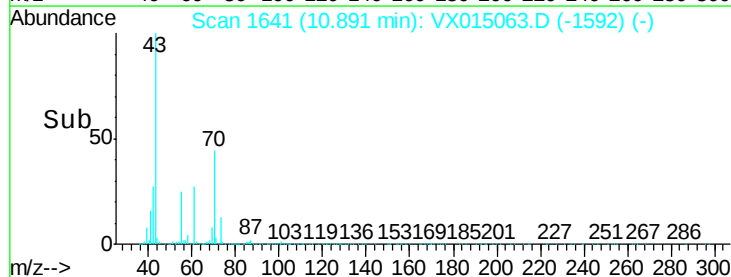
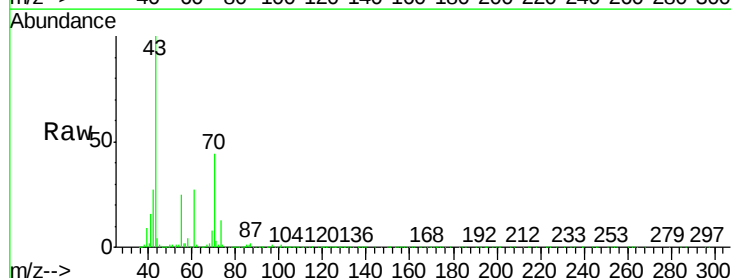
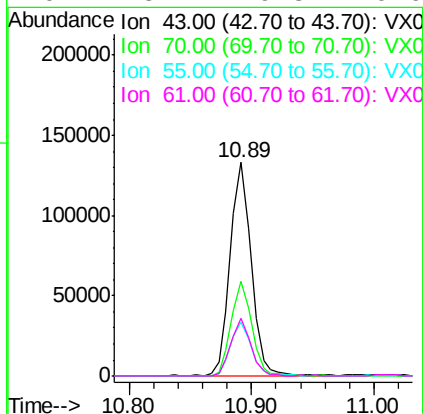
Ion Ratio Lower Upper

43 100

70 43.2 35.0 52.4

55 24.9 19.4 29.2

61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.267 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

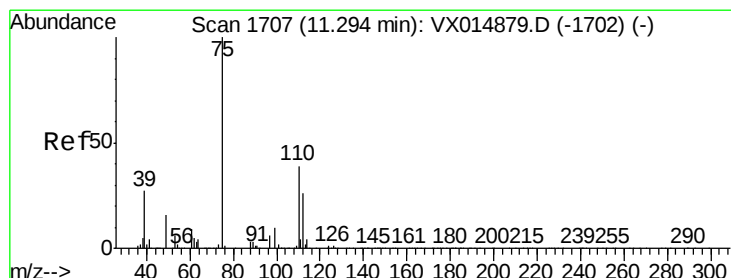
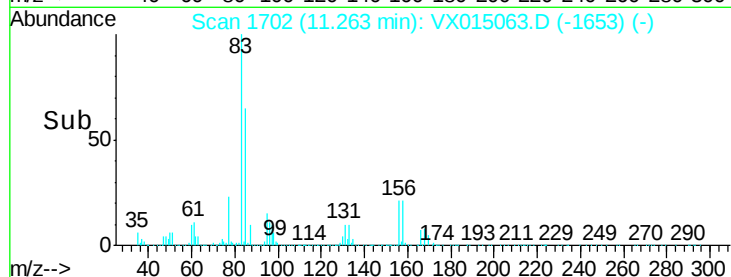
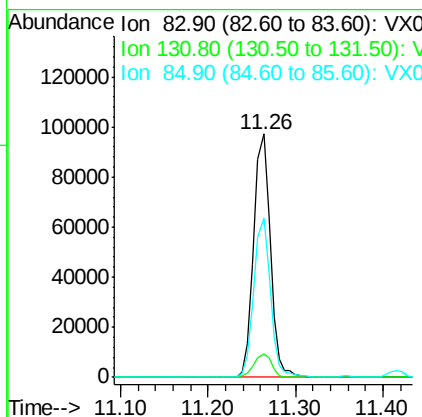
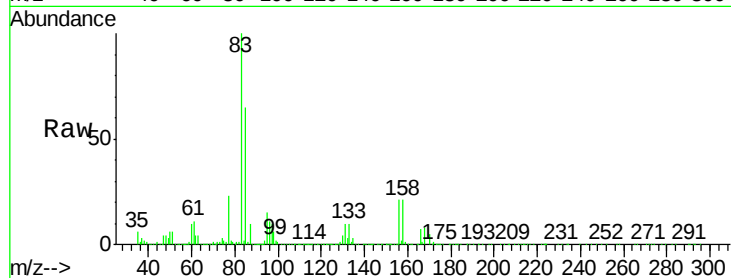
ClientSampleId :

VX0302WBS01

Tot Ion:	83	Resp:	128768
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	16.1
85	65.0	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.076 ug/l m

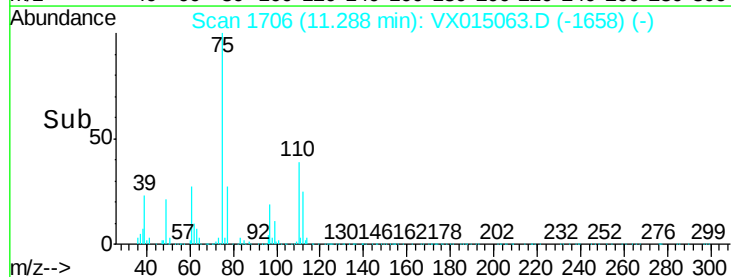
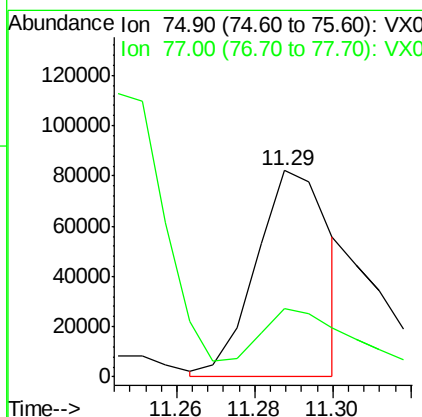
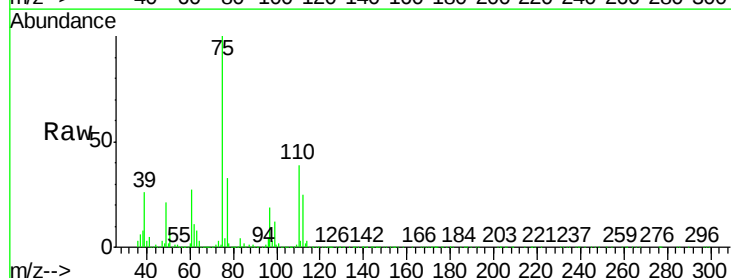
RT: 11.29 min Scan# 1706

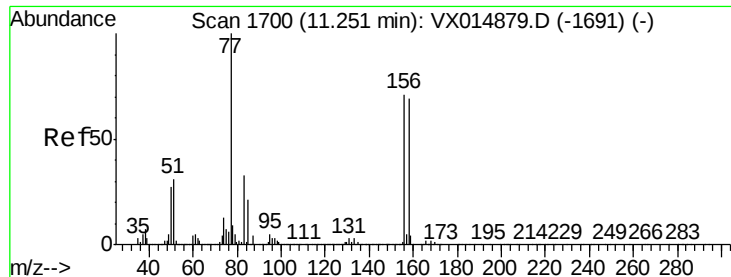
Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	75	Resp:	107225
Ion Ratio	Lower	Upper	
75	100		
77	44.7	18.4	55.0





#77

Bromobenzene

Concen: 19.280 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

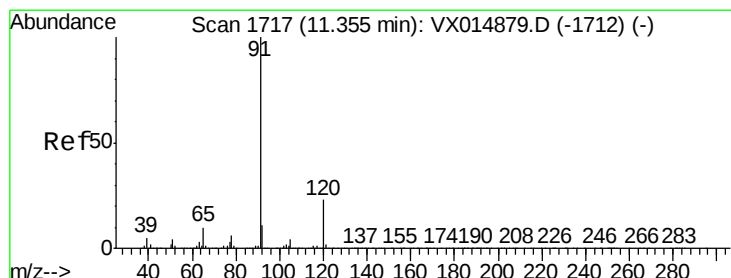
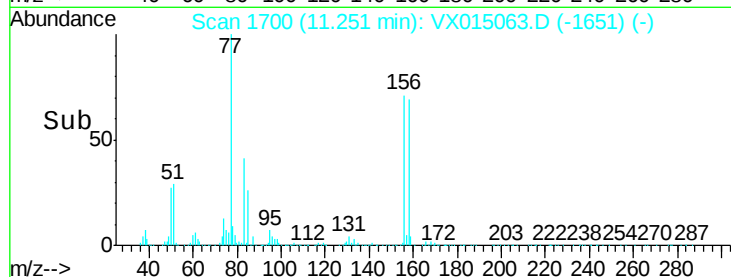
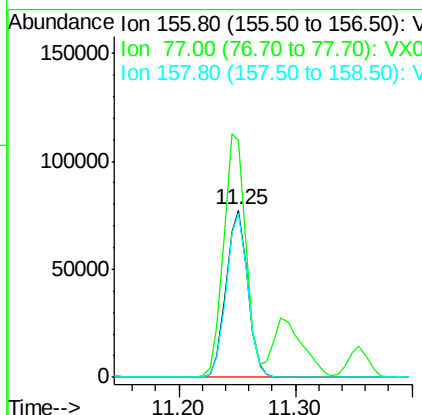
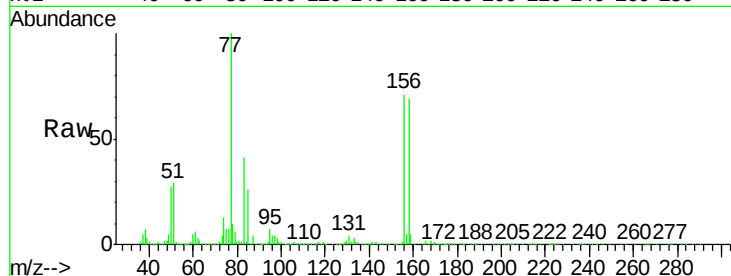
ClientSampleId :

VX0302WBS01

Tot Ion:	156	Resp:	99674
Ion Ratio	Lower	Upper	
156	100		
77	148.4	74.0	222.0
158	98.3	48.9	146.6

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#78

n-propylbenzene

Concen: 19.998 ug/l

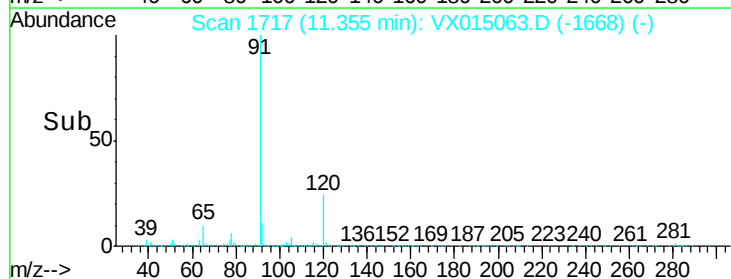
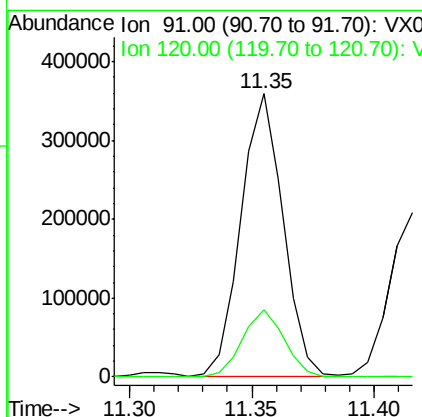
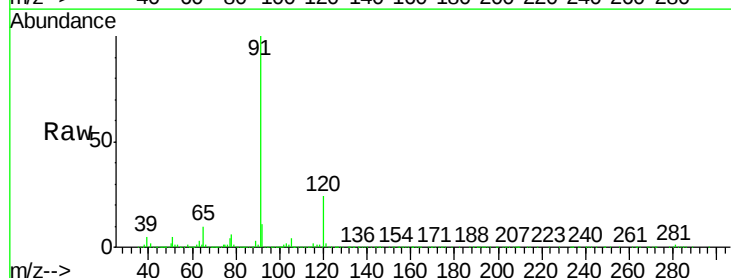
RT: 11.35 min Scan# 1717

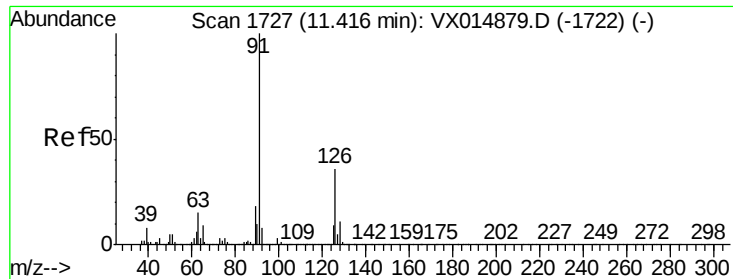
Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	91	Resp:	428409
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





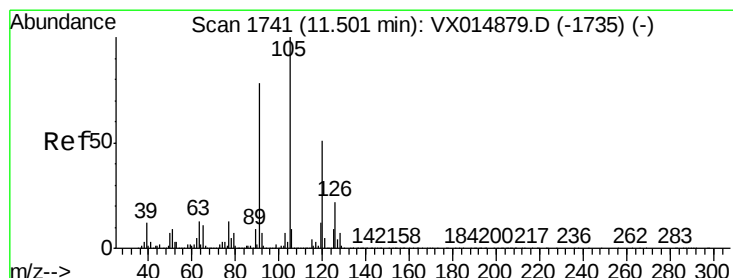
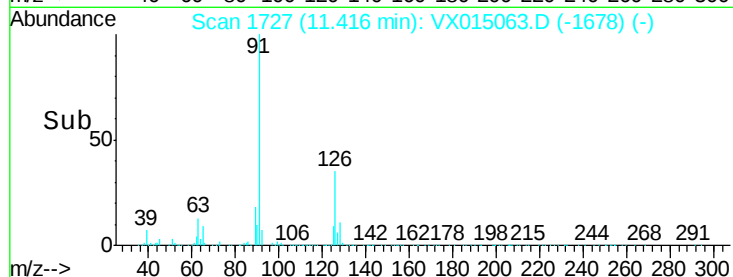
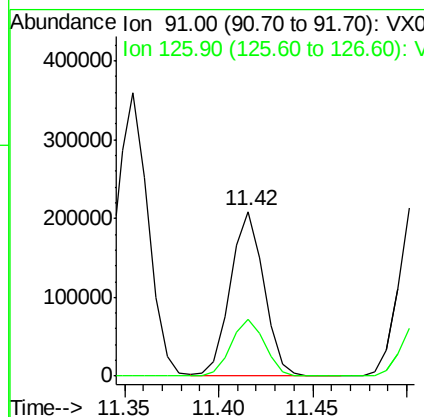
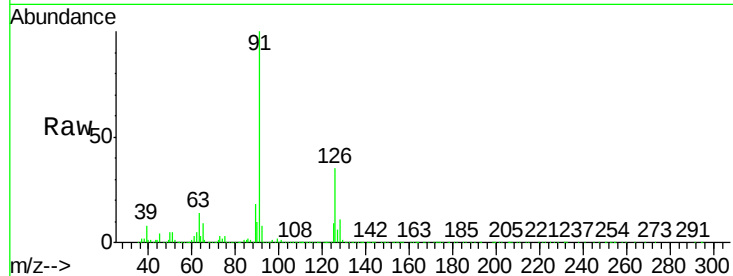
#79
2-Chlorotoluene
Concen: 20.402 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion: 91 Resp: 256950
Ion Ratio Lower Upper
91 100
126 34.6 18.0 54.0

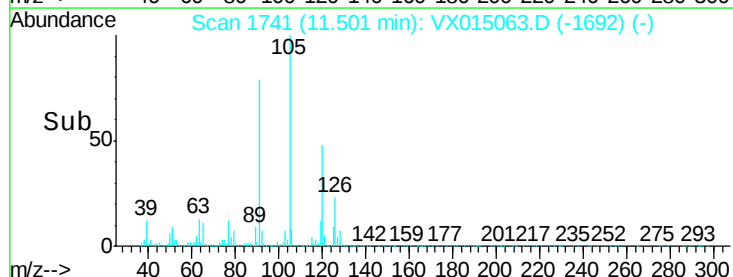
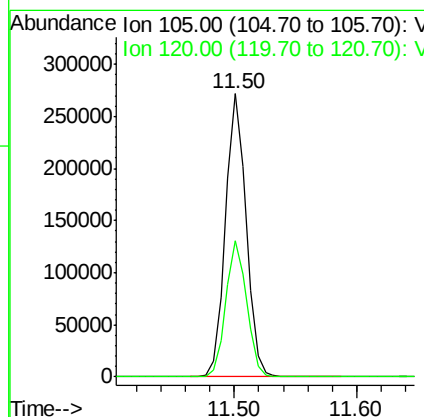
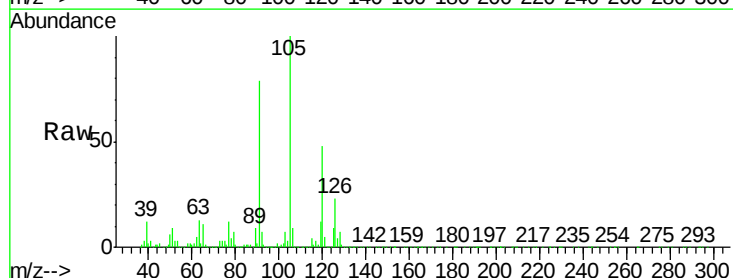
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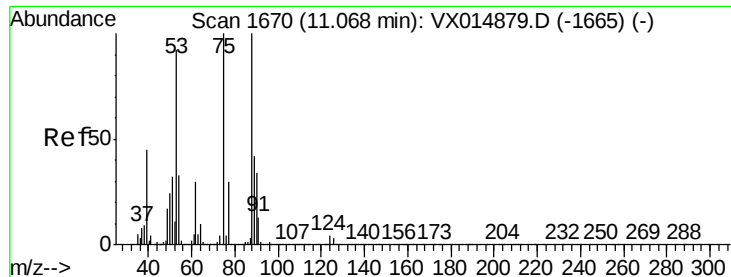
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#80
1,3,5-Trimethylbenzene
Concen: 20.515 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion: 105 Resp: 317503
Ion Ratio Lower Upper
105 100
120 48.4 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.768 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

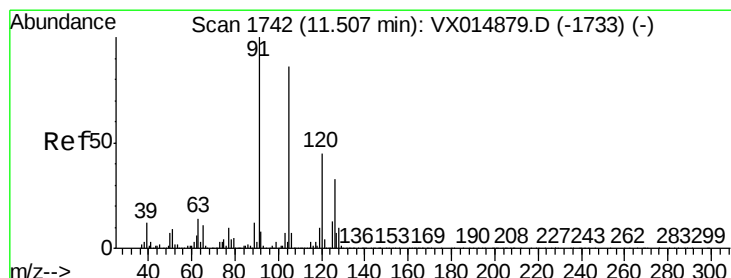
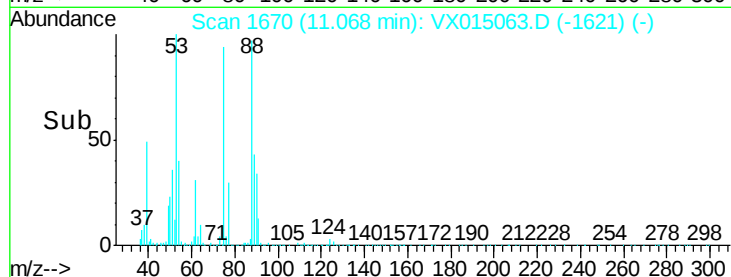
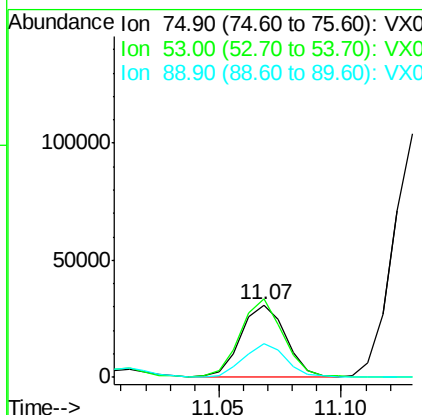
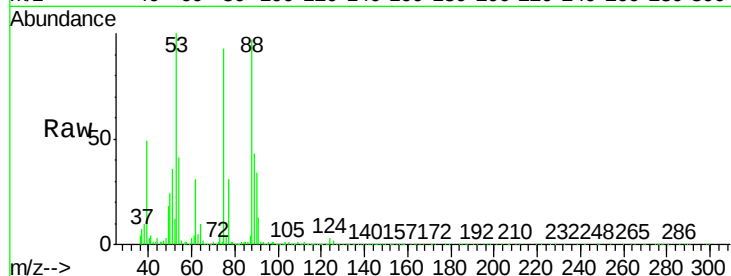
ClientSampled :

VX0302WBS01

Tot Ion:	75	Resp:	39161
Ion Ratio	Lower	Upper	
75	100		
53	102.5	76.2	114.2
89	44.4	35.8	53.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.686 ug/l

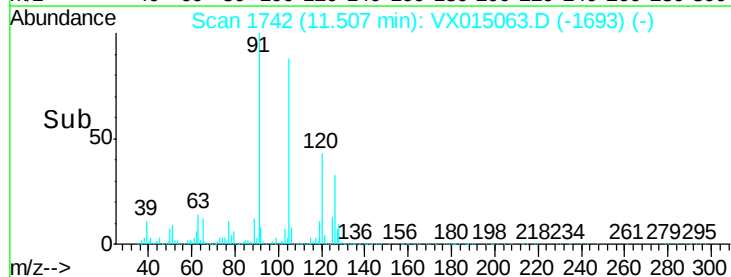
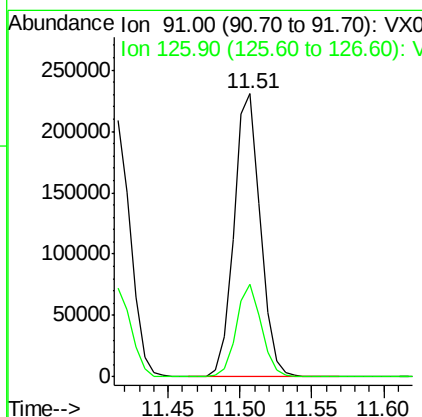
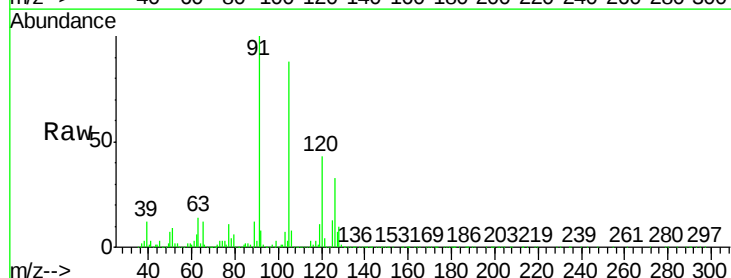
RT: 11.51 min Scan# 1742

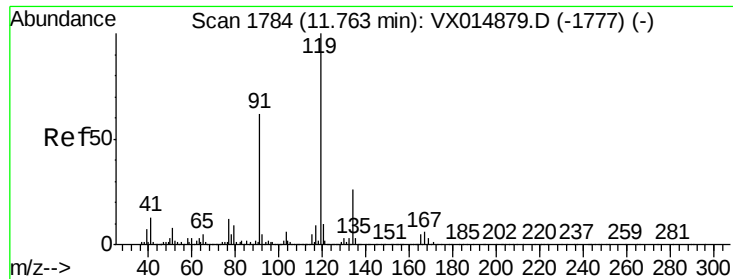
Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion:	91	Resp:	293614
Ion Ratio	Lower	Upper	
91	100		
126	31.3	15.7	47.0





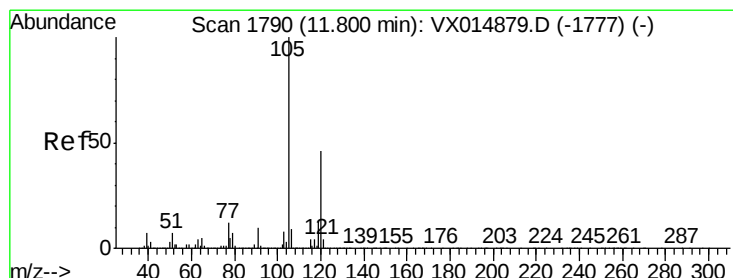
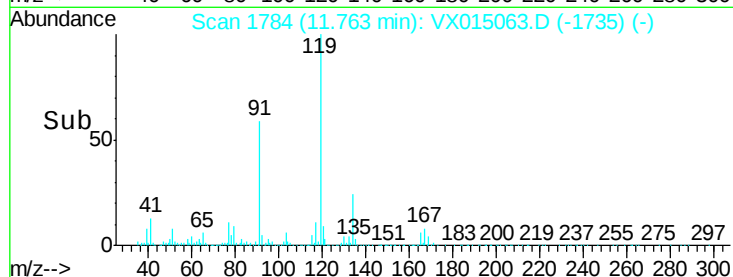
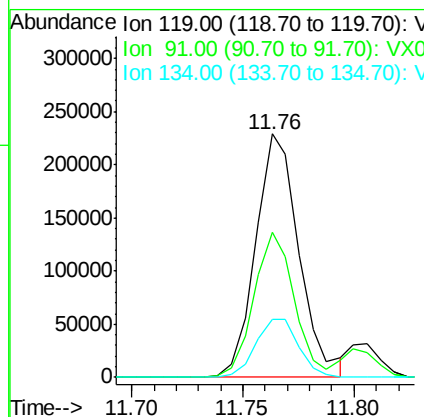
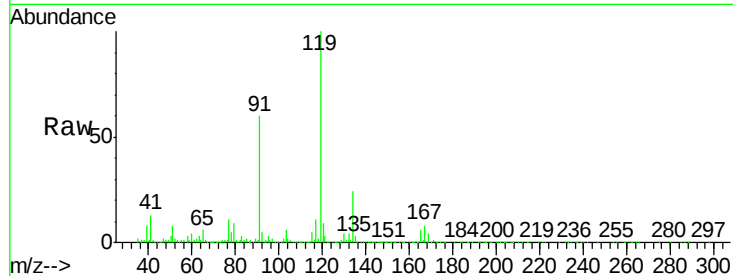
#83
tert-Butylbenzene
Concen: 21.132 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	309708		
91	55.7	29.5	88.6	
134	23.9	12.6	37.6	

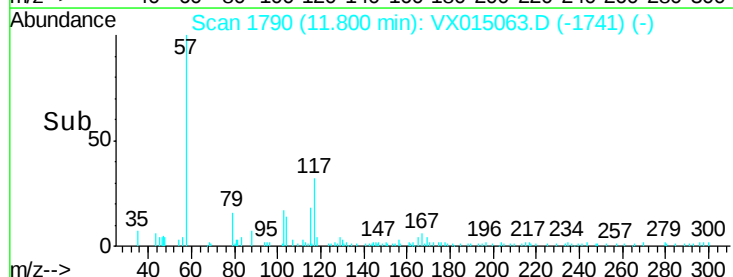
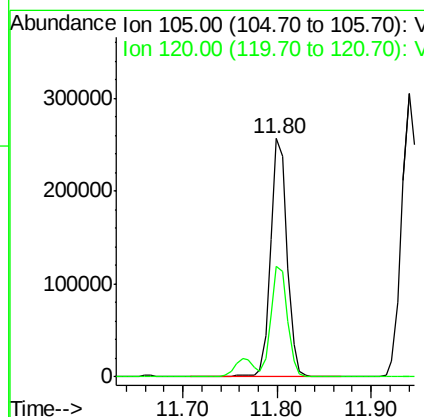
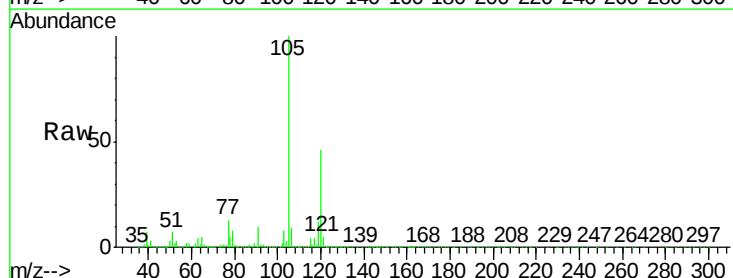
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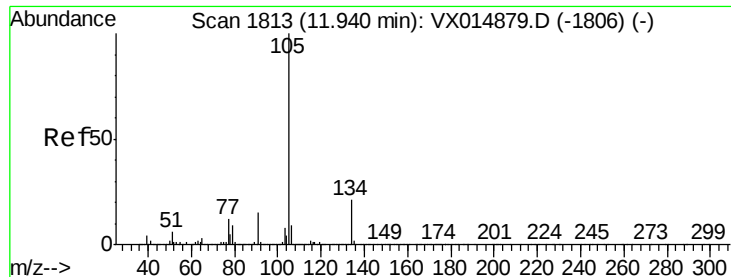
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#84
1,2,4-Trimethylbenzene
Concen: 20.230 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	315524		
120	46.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.428 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBS01

Tot Ion:105 Resp: 371910

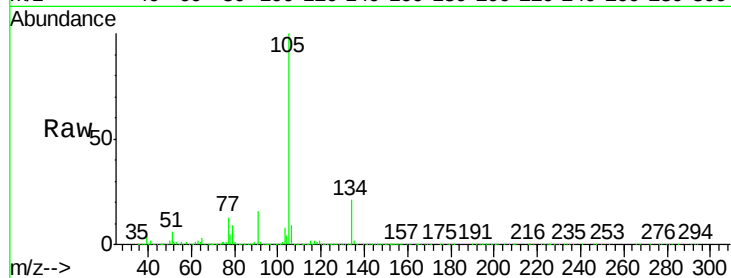
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

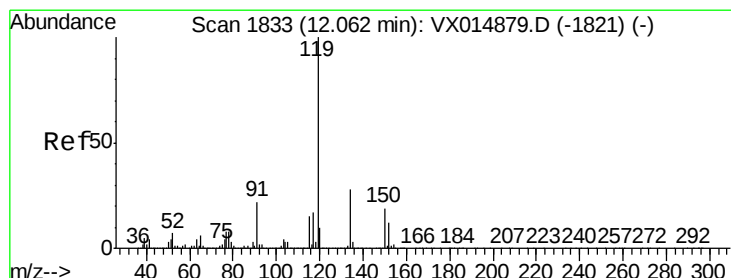
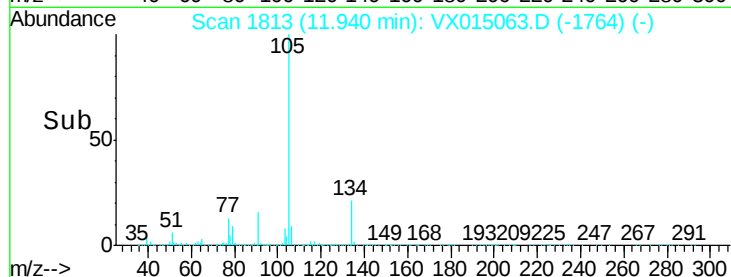
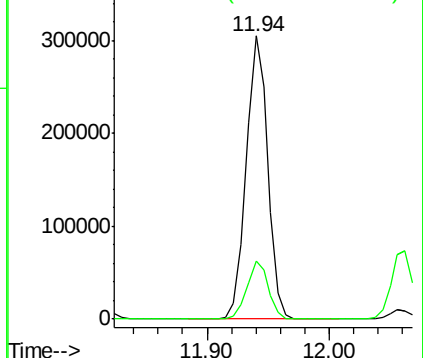
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.091 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

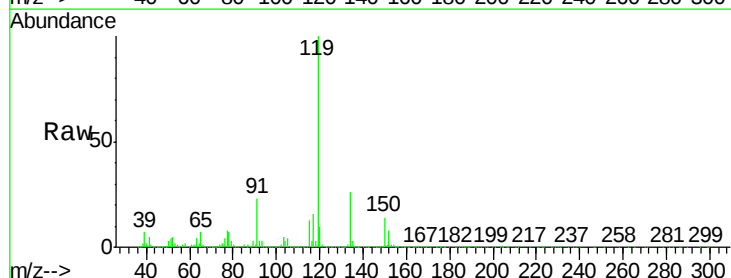
Tgt Ion:119 Resp: 342293

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.5

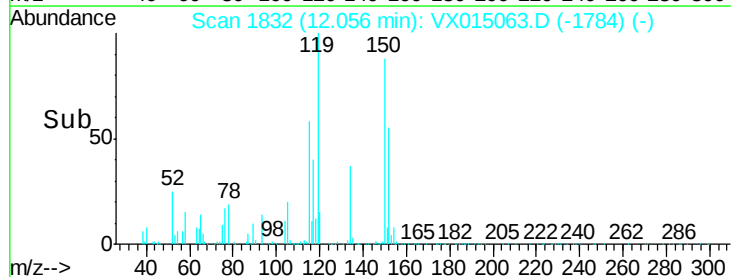
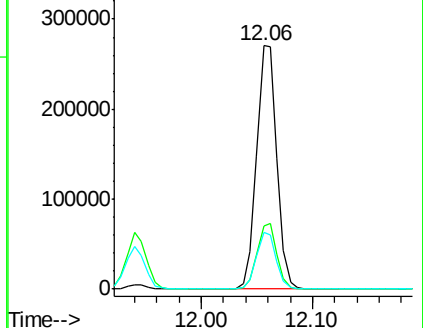
91 22.5 11.4 34.1

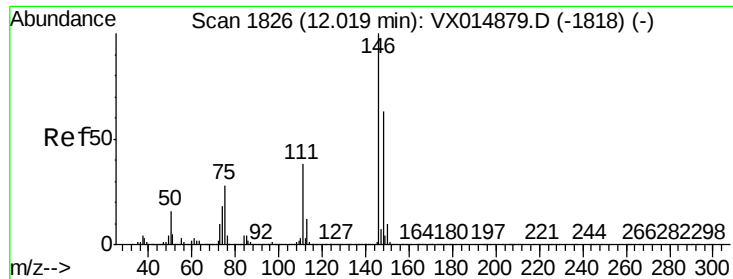


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.577 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015063.D

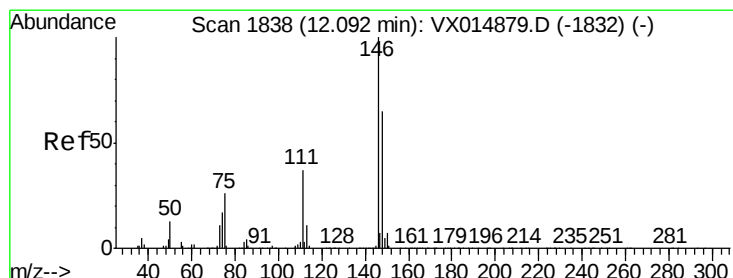
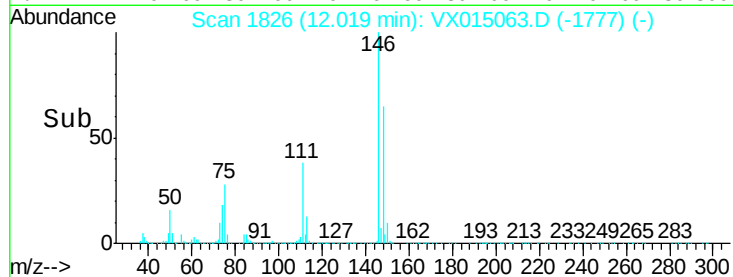
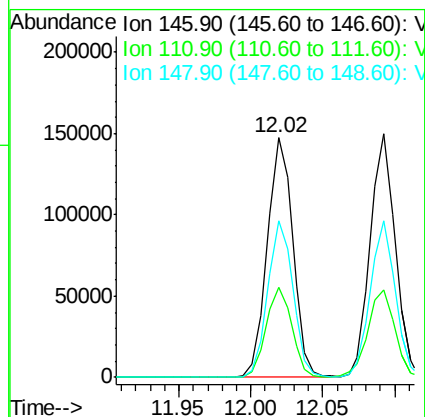
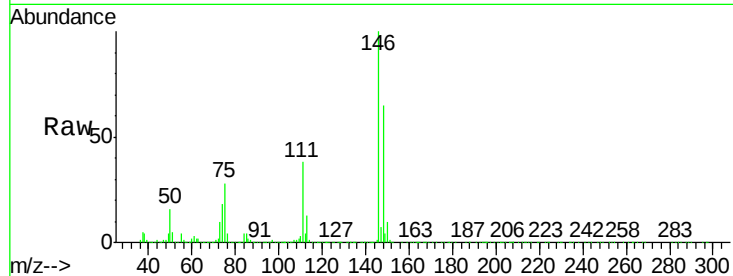
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	63.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 18.854 ug/l

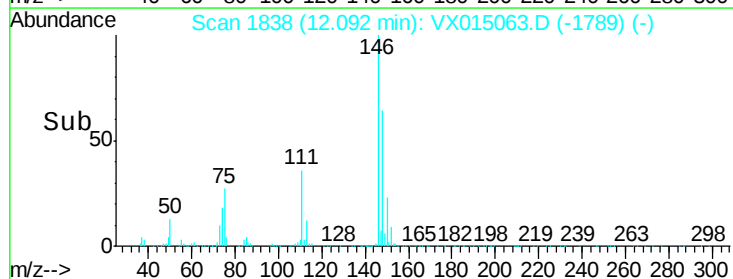
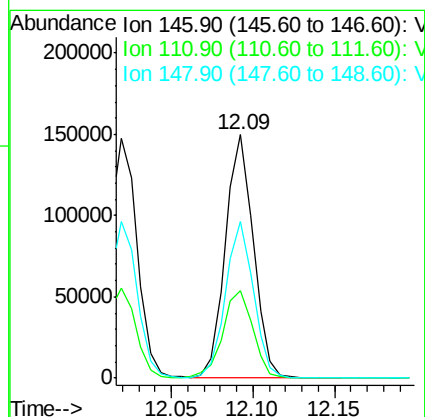
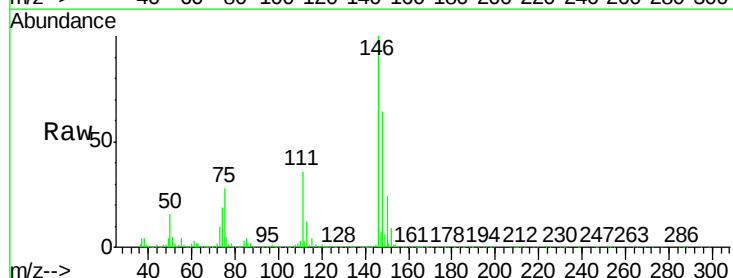
RT: 12.09 min Scan# 1838

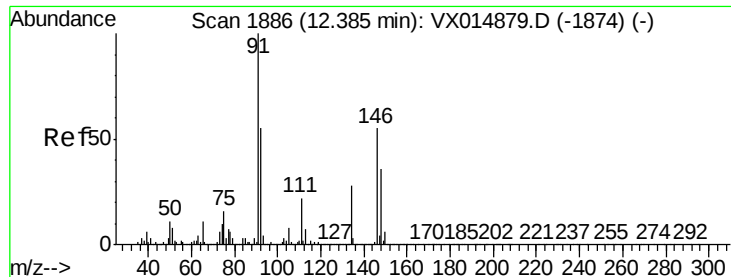
Delta R.T. -0.00 min

Lab File: VX015063.D

Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	55.6
148	64.2	32.4	97.0





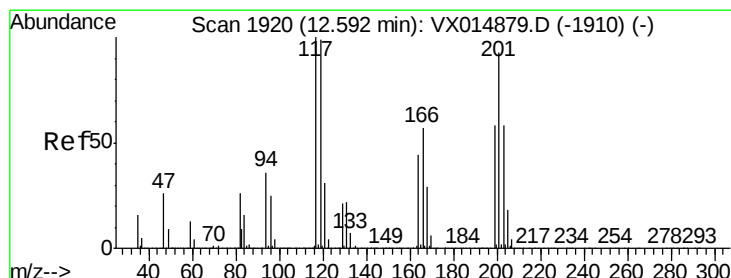
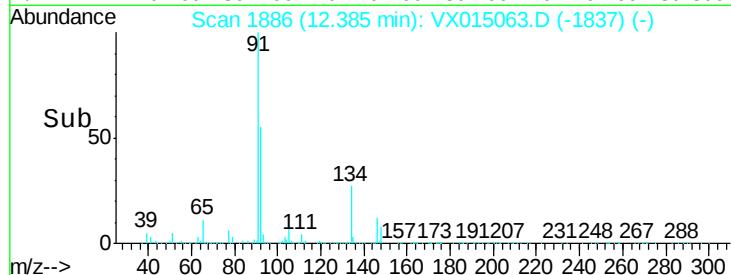
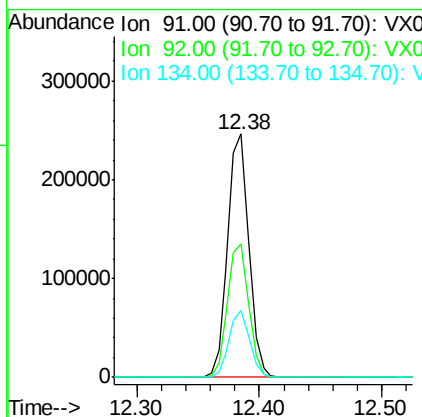
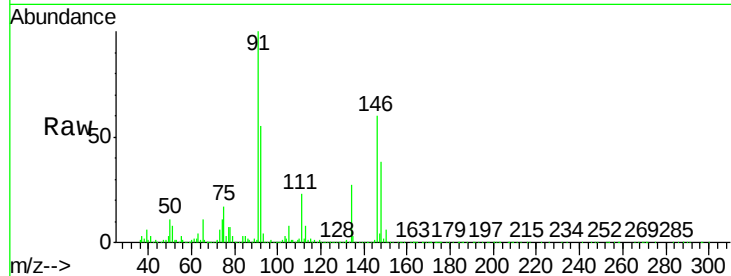
#89
n-Butylbenzene
Concen: 19.217 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.3	81.8
134	26.8	13.8	41.4

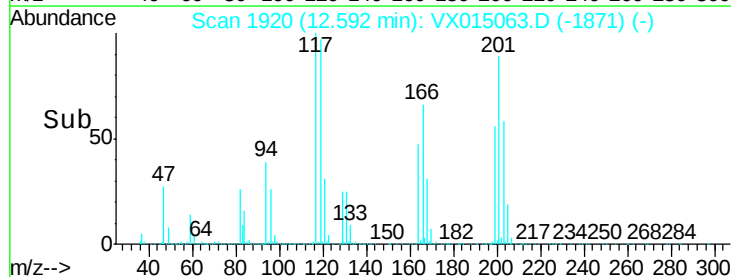
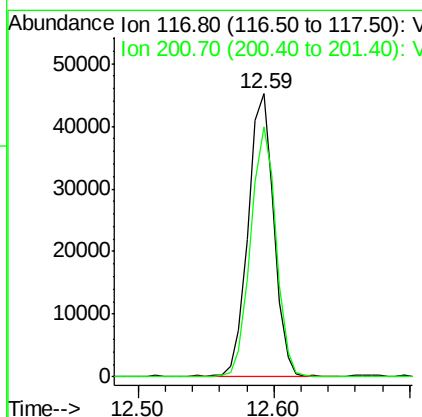
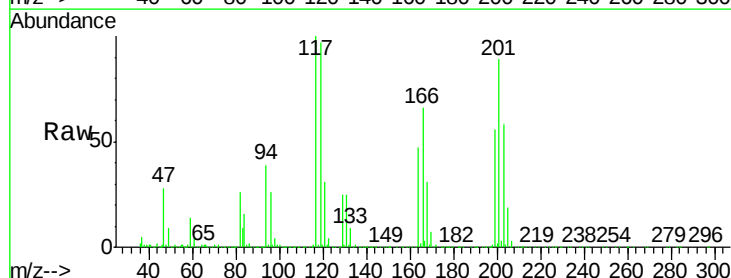
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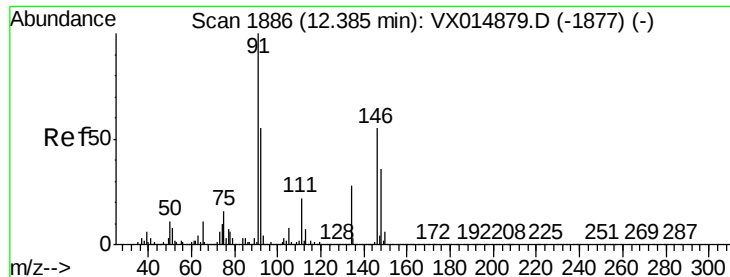
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#90
Hexachloroethane
Concen: 20.063 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.8	134.3





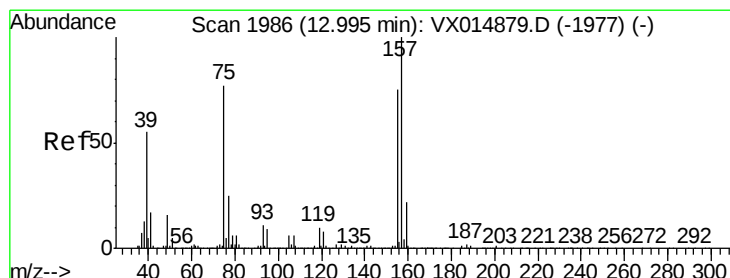
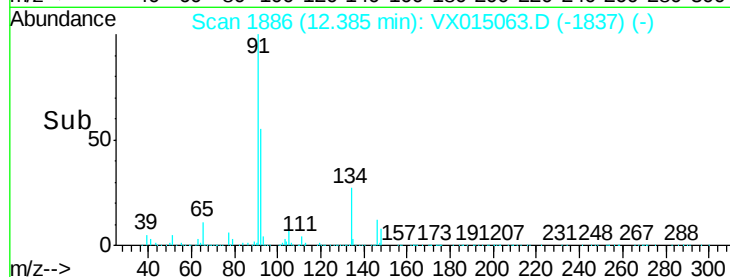
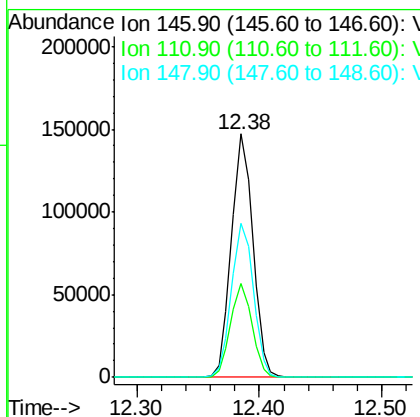
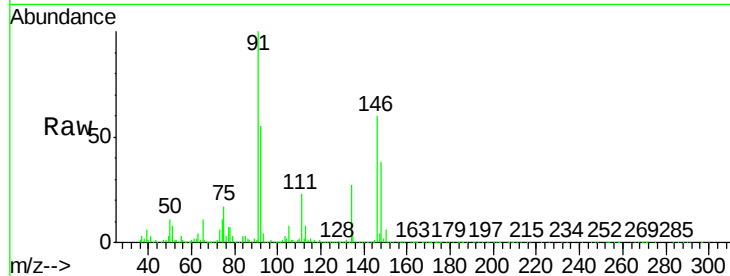
#91
 1,2-Dichlorobenzene
 Concen: 19.691 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	179094		
111	38.6	19.8	59.3	
148	65.0	32.4	97.2	

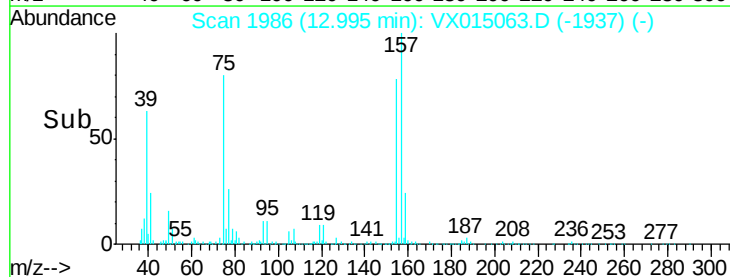
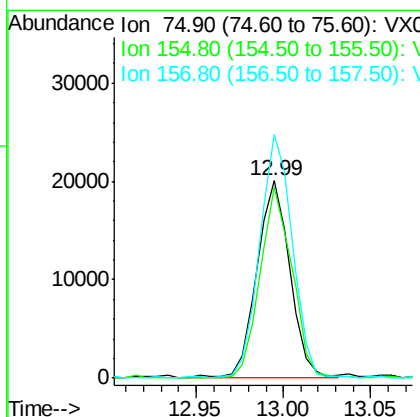
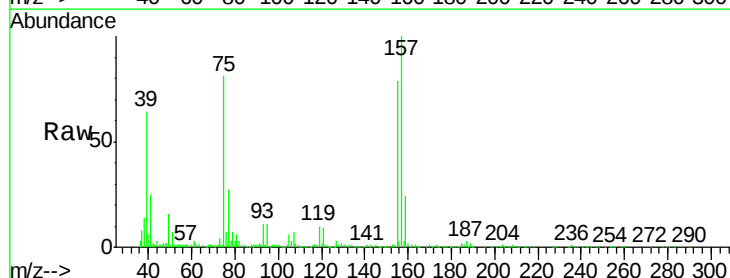
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.290 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25981		
155	95.6	48.6	145.9	
157	123.9	62.0	186.0	





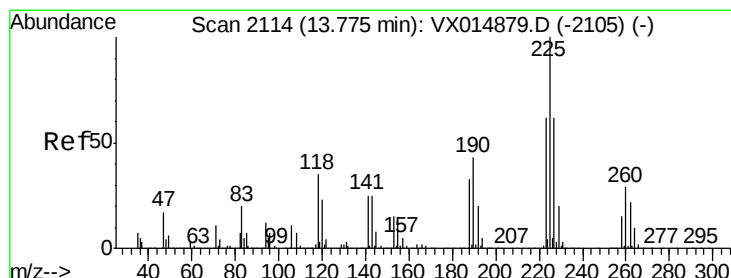
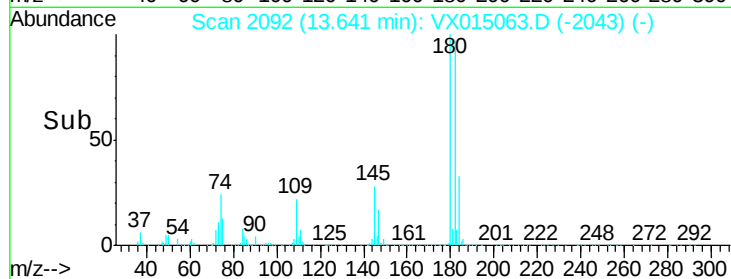
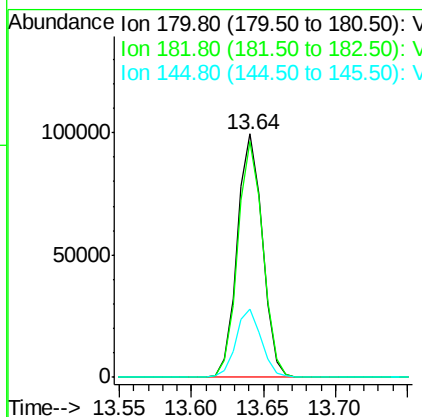
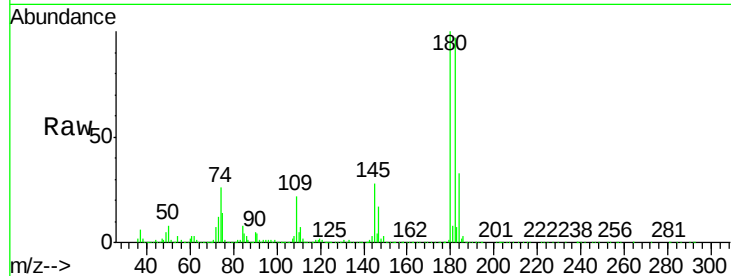
#93
 1,2,4-Trichlorobenzene
 Concen: 18.050 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	121175		
182	97.2	48.4	145.3	
145	28.4	14.1	42.4	

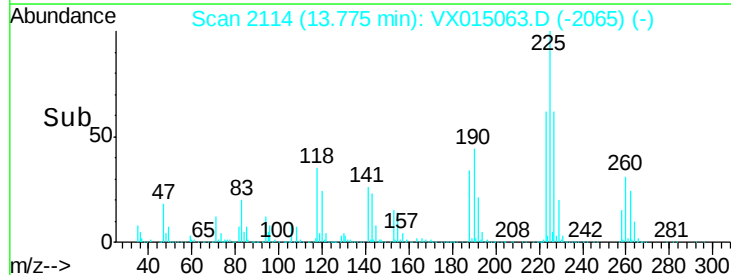
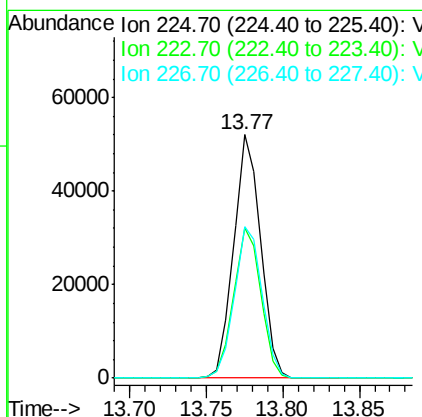
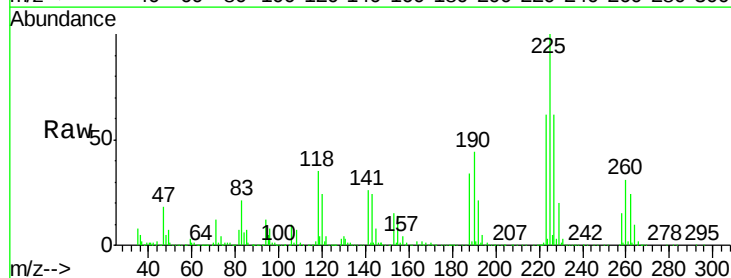
Manual Integrations
 APPROVED

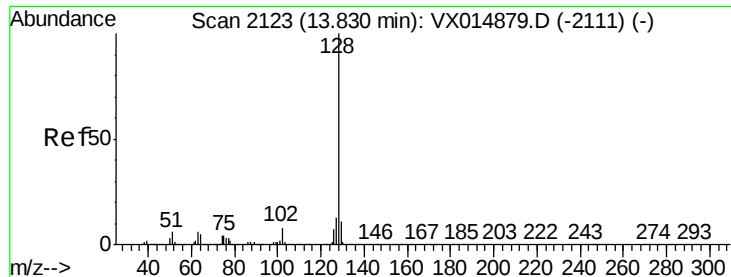
MMDadoda
 3/3/2020 9:51:22 AM



#94
 Hexachlorobutadiene
 Concen: 19.613 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015063.D
 Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63684		
223	62.6	31.1	93.2	
227	64.2	30.9	92.5	





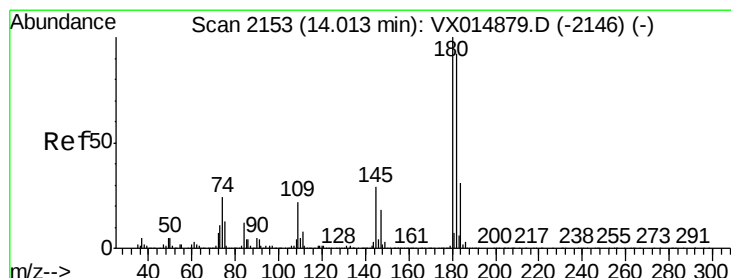
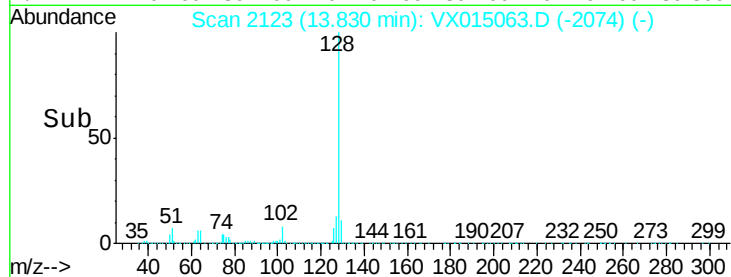
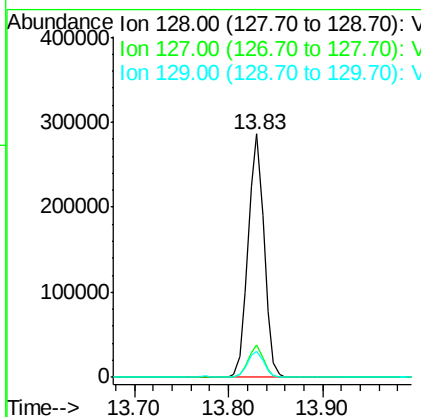
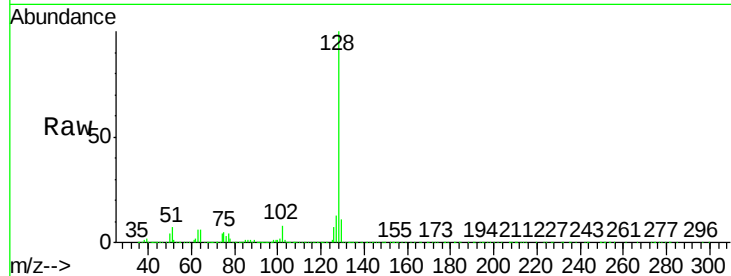
#95
Naphthalene
Concen: 19.106 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	341026		
127	12.9		10.4	15.6
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 9:51:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.007 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015063.D
Acq: 02 Mar 2020 10:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123277		
182	97.0		47.5	142.6
145	30.3		14.5	43.5

