

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
 Data File : VX014940.D
 Acq On : 14 Feb 2020 11:07
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Manual Integrations
 APPROVED

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 2/17/2020 4:25:23 PM

Quant Time: Feb 14 23:40:31 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	441508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	642134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243889	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.48	113	199672	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	756888	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	279522	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80637	19.286	ug/l	100
3) Chloromethane	1.32	50	90120	19.011	ug/l	99
4) Vinyl Chloride	1.40	62	93330	18.277	ug/l	100
5) Bromomethane	1.64	94	64462	19.502	ug/l	97
6) Chloroethane	1.72	64	61311	18.764	ug/l	100
7) Trichlorofluoromethane	1.93	101	136441	19.124	ug/l	98
8) Diethyl Ether	2.18	74	56156	18.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79200	19.124	ug/l	99
10) Methyl Iodide	2.50	142	88554	21.873	ug/l	99
11) Tert butyl alcohol	3.01	59	86715	98.565	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75477	18.651	ug/l	99
13) Acrolein	2.28	56	44911	66.978	ug/l	97
14) Allyl chloride	2.72	41	132907	18.524	ug/l	99
15) Acrylonitrile	3.12	53	212485	95.272	ug/l	97
16) Acetone	2.43	43	236422	80.939	ug/l	100
17) Carbon Disulfide	2.56	76	198453	17.551	ug/l	100
18) Methyl Acetate	2.76	43	98170	19.562	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	259248	19.684	ug/l	99
20) Methylene Chloride	2.85	84	87226	18.198	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	82017	18.367	ug/l	98
22) Diisopropyl ether	3.84	45	270357	19.729	ug/l	90
23) Vinyl Acetate	3.80	43	1149667	101.772	ug/l	99
24) 1,1-Dichloroethane	3.69	63	144075	18.629	ug/l	99
25) 2-Butanone	4.65	43	313586	92.442	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124779	18.721	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	92406	18.512	ug/l	98
28) Bromochloromethane	5.00	49	59280	19.775	ug/l	98
29) Tetrahydrofuran	5.11	42	187371	97.165	ug/l	99
30) Chloroform	5.20	83	147279	19.194	ug/l	98
31) Cyclohexane	5.56	56	129839	18.432	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	125019	18.626	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110795	19.289	ug/l	100
37) Ethyl Acetate	4.81	43	116076	19.375	ug/l	99
38) Carbon Tetrachloride	5.78	117	109178	19.504	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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Quant Time: Feb 14 23:40:31 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	7.45	83	138806	19.322	ug/l	97
40) Benzene	6.13	78	332364	19.366	ug/l	98
41) Methacrylonitrile	5.02	41	65354	20.249	ug/l	99
42) 1,2-Dichloroethane	6.18	62	122969	19.824	ug/l	99
43) Isopropyl Acetate	6.43	43	196880	19.921	ug/l	99
44) Trichloroethene	7.21	130	95110	19.090	ug/l	99
45) 1,2-Dichloropropane	7.50	63	86466	19.755	ug/l	100
46) Dibromomethane	7.65	93	57946	19.368	ug/l	99
47) Bromodichloromethane	7.89	83	116231	19.593	ug/l	96
48) Methyl methacrylate	7.76	41	95350	19.604	ug/l	98
49) 1,4-Dioxane	7.73	88	38872	427.465	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	591646	99.144	ug/l	100
52) Toluene	8.78	92	212460	19.491	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	127402	19.596	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141543	19.708	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87909	19.933	ug/l	98
56) Ethyl methacrylate	9.17	69	130837	19.738	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147620	19.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	339928	98.054	ug/l	100
59) 2-Hexanone	9.48	43	465204	99.179	ug/l	100
60) Dibromochloromethane	9.57	129	93899	19.785	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90037	18.922	ug/l	97
64) Tetrachloroethene	9.33	164	98540	17.618	ug/l	98
65) Chlorobenzene	10.13	112	235083	19.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86897	19.727	ug/l	99
67) Ethyl Benzene	10.25	91	402528	19.507	ug/l	100
68) m/p-Xylenes	10.35	106	311649	39.205	ug/l	100
69) o-Xylene	10.69	106	148551	19.440	ug/l	97
70) Styrene	10.71	104	256492	19.841	ug/l	100
71) Bromoform	10.85	173	72994	19.853	ug/l #	99
73) Isopropylbenzene	11.01	105	401613	20.130	ug/l	100
74) N-amyl acetate	10.89	43	165881	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128785	19.747	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	110244m	19.163	ug/l	
77) Bromobenzene	11.25	156	110746	19.888	ug/l	97
78) n-propylbenzene	11.35	91	456008	19.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	270308	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336399	20.180	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41639	18.527	ug/l	95
82) 4-Chlorotoluene	11.51	91	311113	19.366	ug/l	98
83) tert-Butylbenzene	11.76	119	325451	20.617	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	336537	20.033	ug/l	99
85) sec-Butylbenzene	11.94	105	395042	20.145	ug/l	100
86) p-Isopropyltoluene	12.06	119	367659	20.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195342	19.554	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	196095	19.222	ug/l	99
89) n-Butylbenzene	12.38	91	317979	19.347	ug/l	99
90) Hexachloroethane	12.59	117	64326	20.072	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	192108	19.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27169	17.757	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Manual Integrations
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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	141630	19.587	ug/l	97
94) Hexachlorobutadiene	13.78	225	69493	19.870	ug/l	98
95) Naphthalene	13.83	128	399650	20.787	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140746	20.147	ug/l	99

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

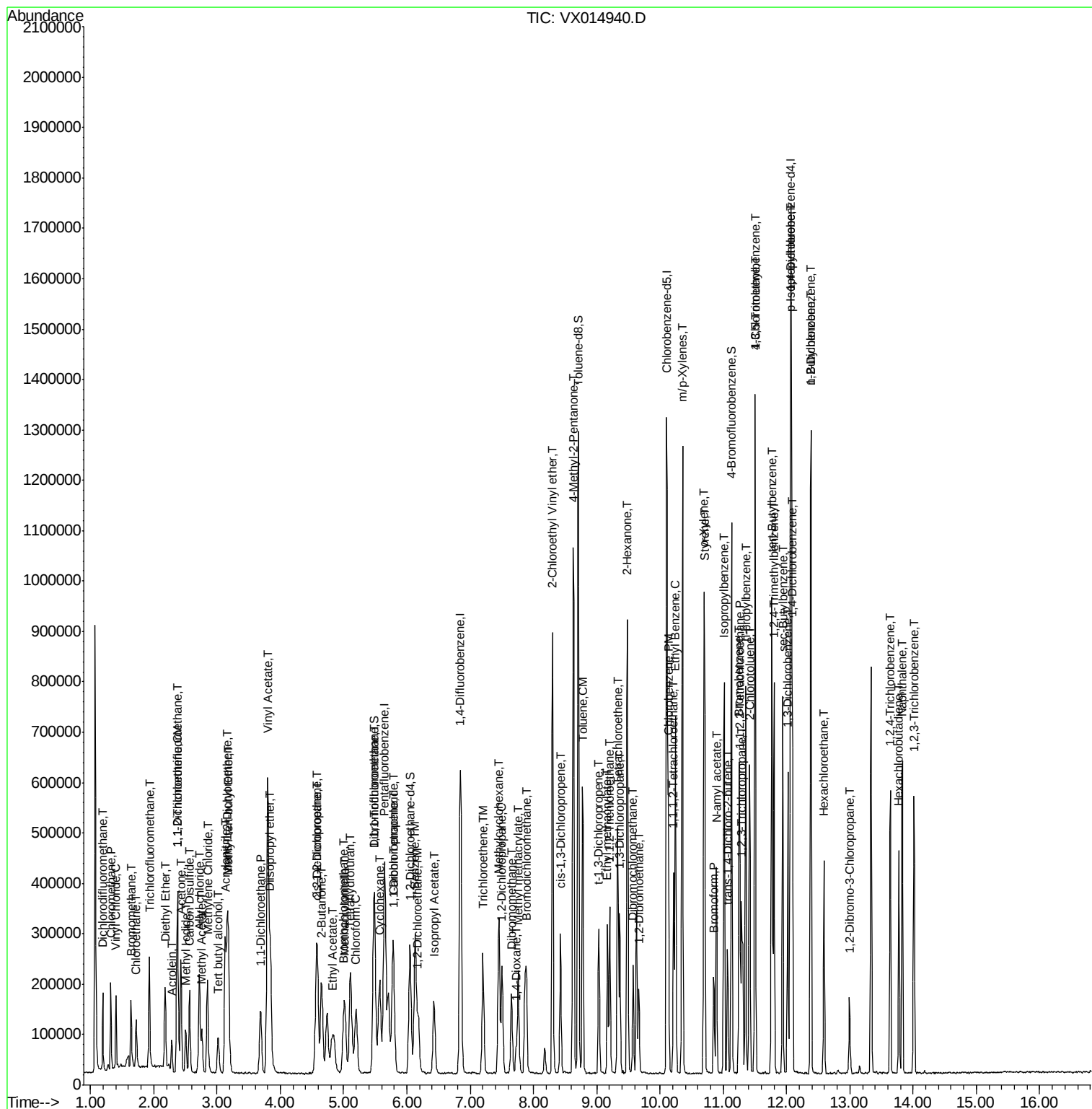
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Data File : VX014940.D
Acq On : 14 Feb 2020 11:07
Operator : JC/SP
Sample : VX0214WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

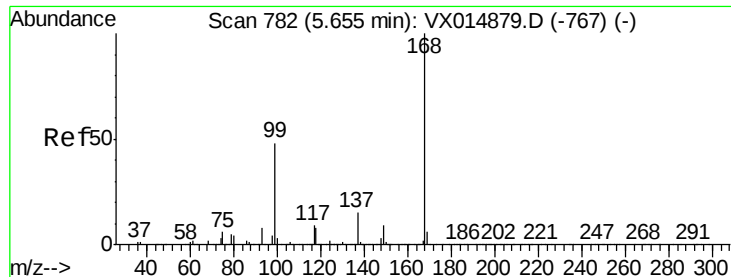
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Manual Integrations APPROVED

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Quant Time: Feb 14 23:40:31 2020
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion:168 Resp: 441508

Ion Ratio Lower Upper

168 100

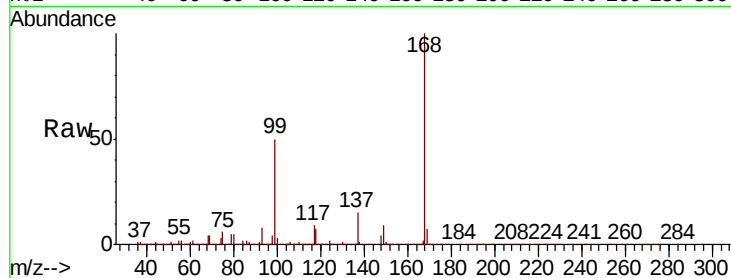
99 50.3 38.7 58.1

Manual Integrations

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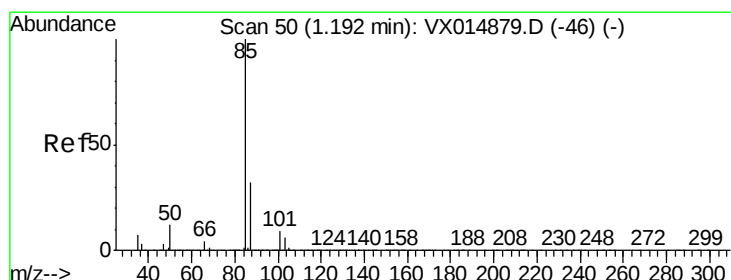
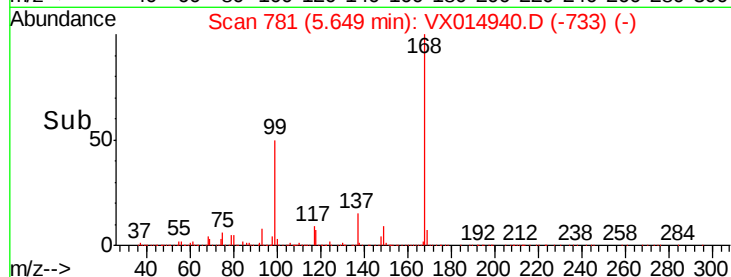
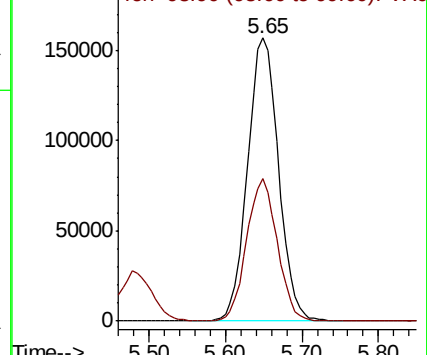
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.286 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014940.D

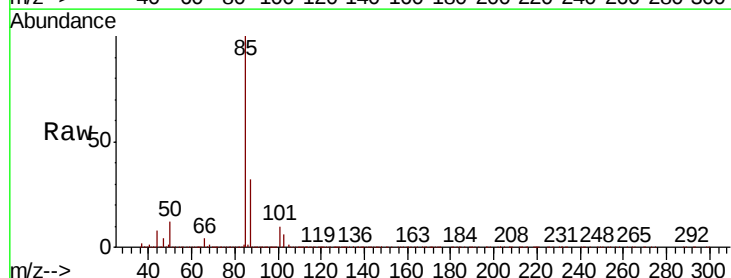
Acq: 14 Feb 2020 11:07

Tgt Ion: 85 Resp: 80637

Ion Ratio Lower Upper

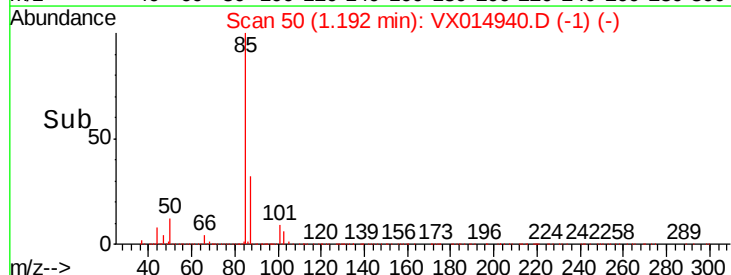
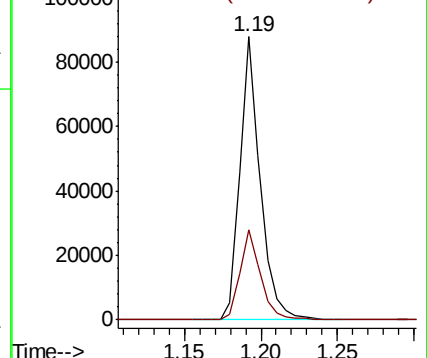
85 100

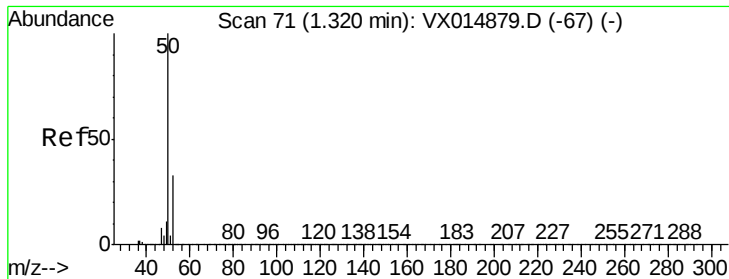
87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.011 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 50 Resp: 90120

Ion Ratio Lower Upper

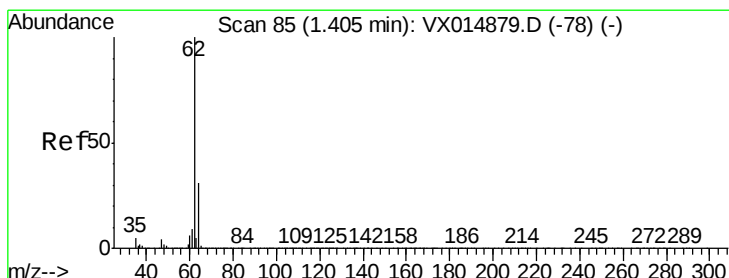
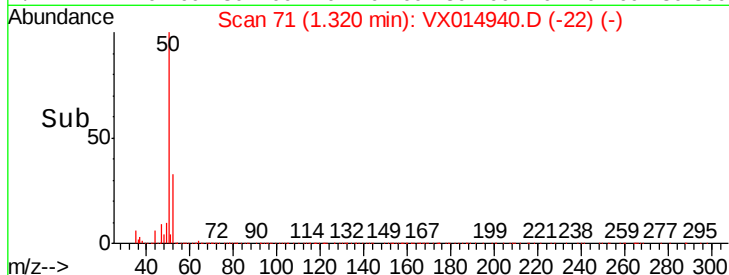
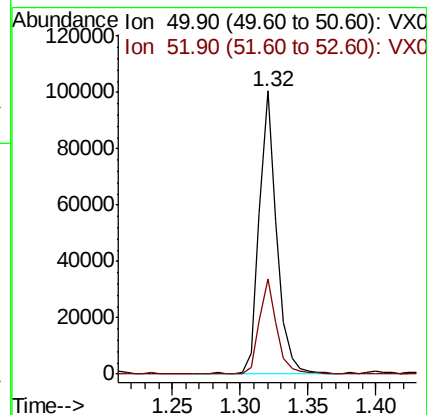
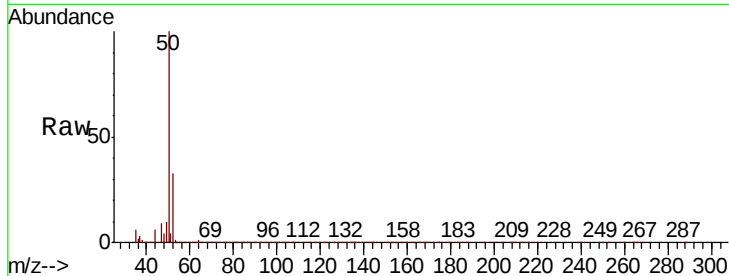
50 100

52 33.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 18.277 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014940.D

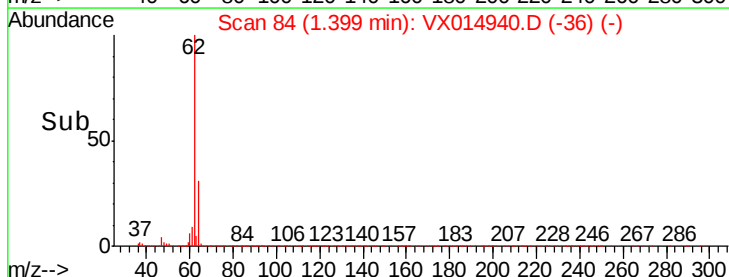
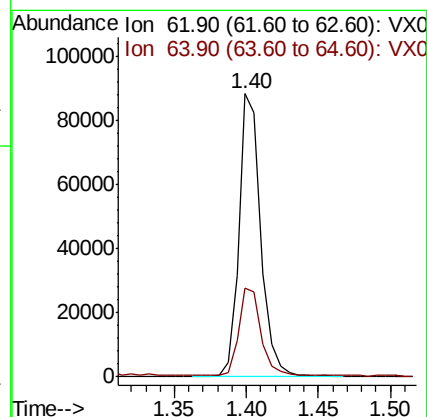
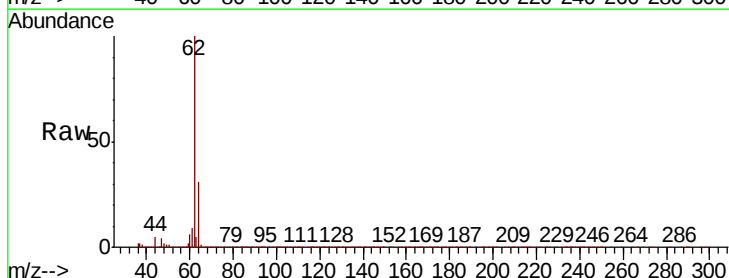
Acq: 14 Feb 2020 11:07

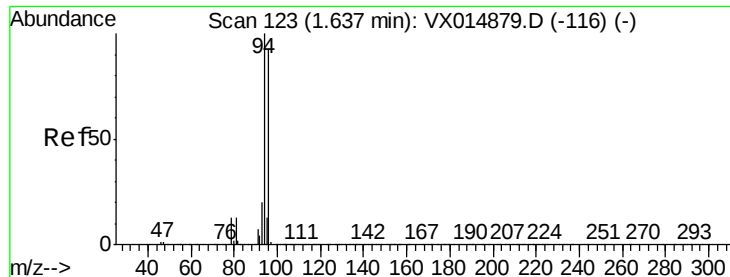
Tgt Ion: 62 Resp: 93330

Ion Ratio Lower Upper

62 100

64 30.9 24.8 37.2





#5

Bromomethane

Concen: 19.502 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 94 Resp: 64462

Ion Ratio Lower Upper

94 100

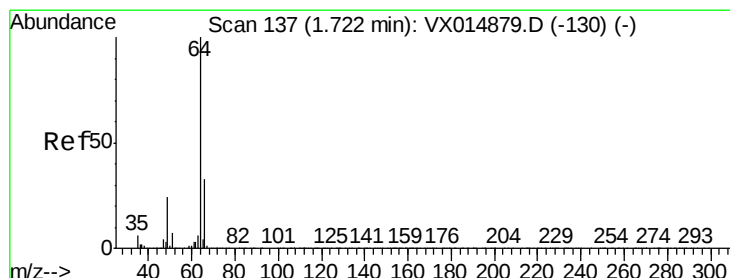
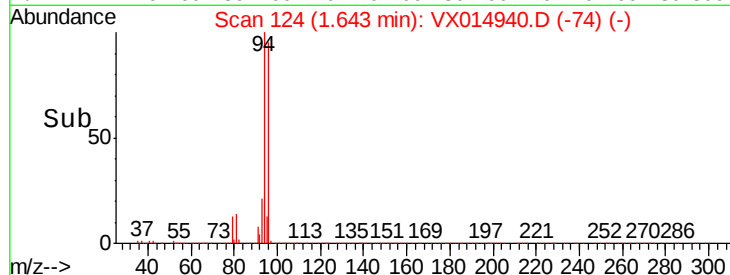
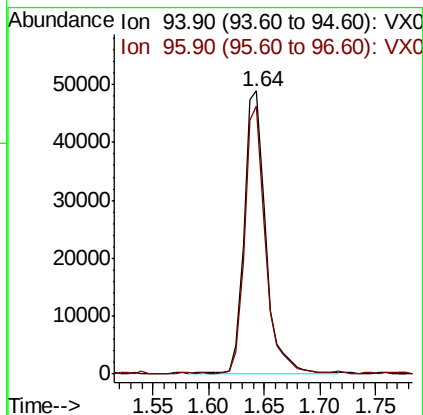
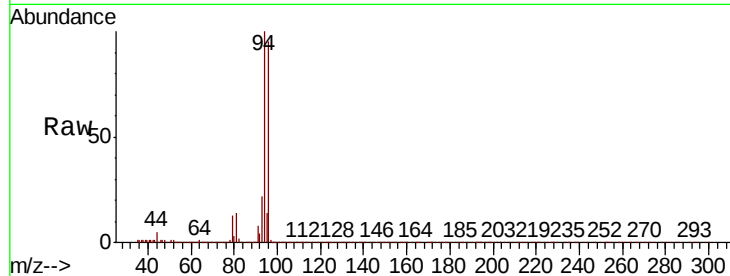
96 94.5 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 18.764 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014940.D

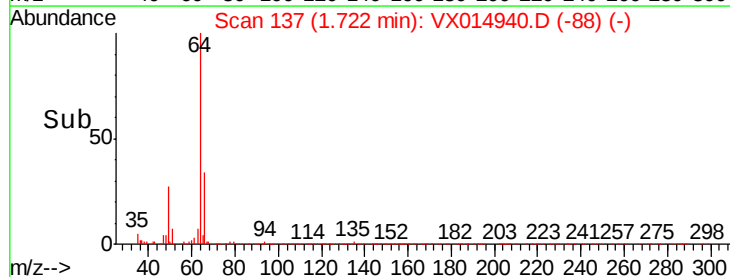
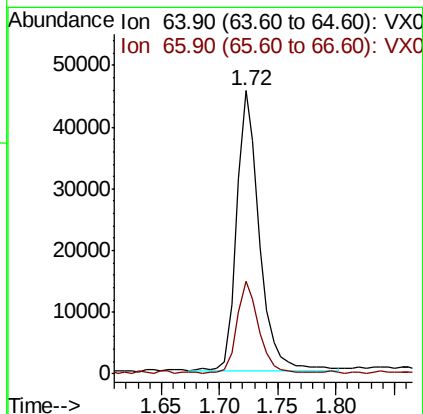
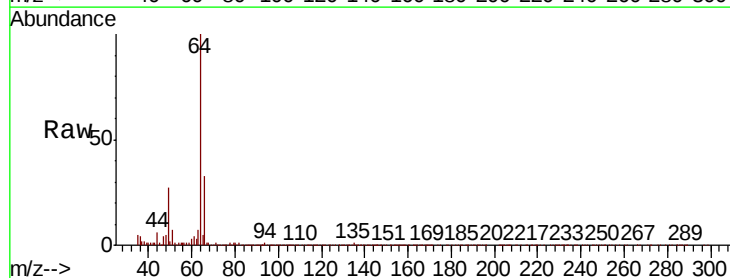
Acq: 14 Feb 2020 11:07

Tgt Ion: 64 Resp: 61311

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.4





#7

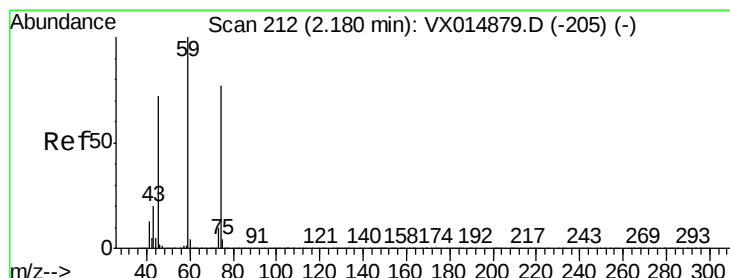
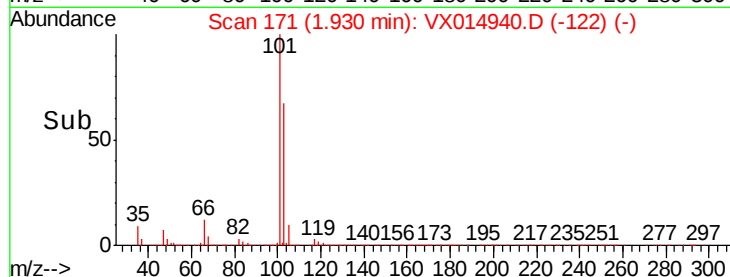
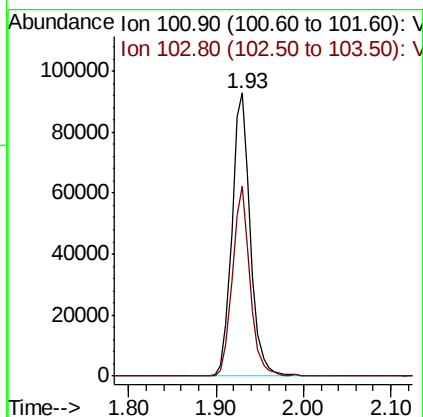
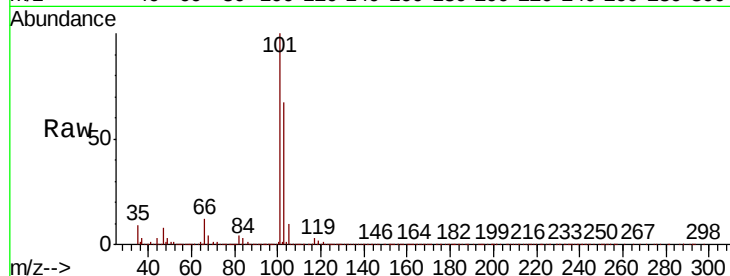
Trichlorofluoromethane
Concen: 19.124 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

Manual Integrations
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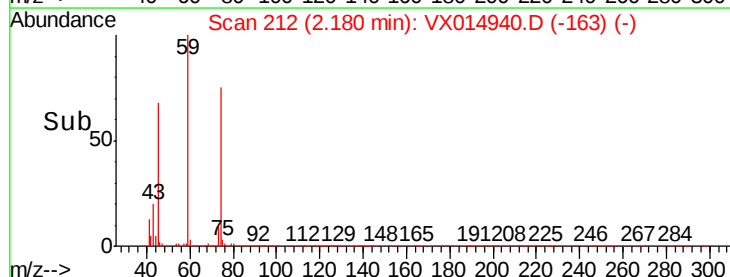
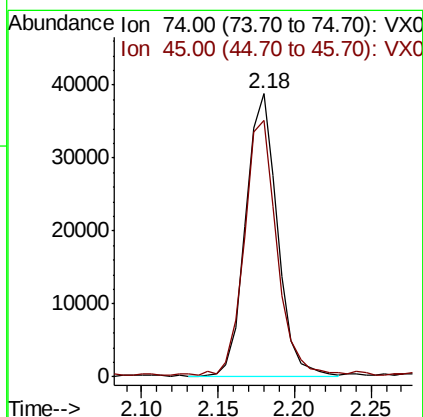
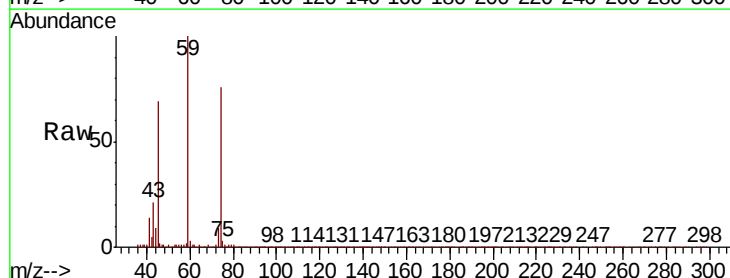
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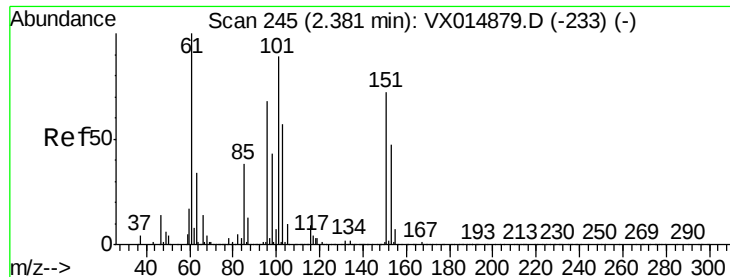


#8

Diethyl Ether
Concen: 18.980 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.124 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

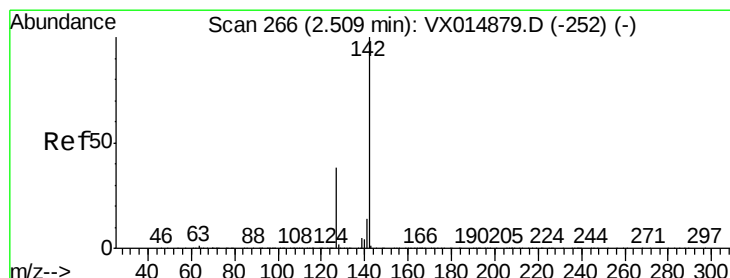
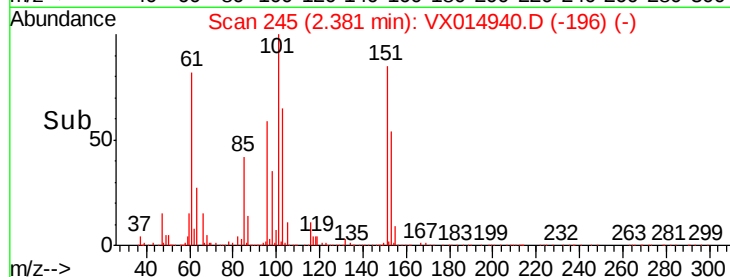
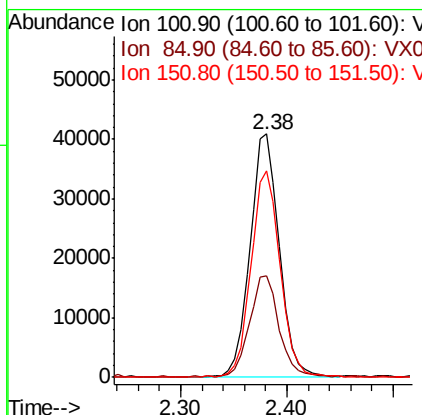
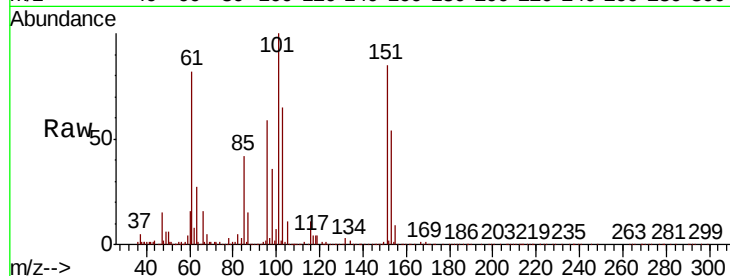
ClientSampleId :

VX0214WBSD01

Tot Ion:	101	Resp:	79200
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.1	51.1
151	84.4	67.3	100.9

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#10

Methyl Iodide

Concen: 21.873 ug/l

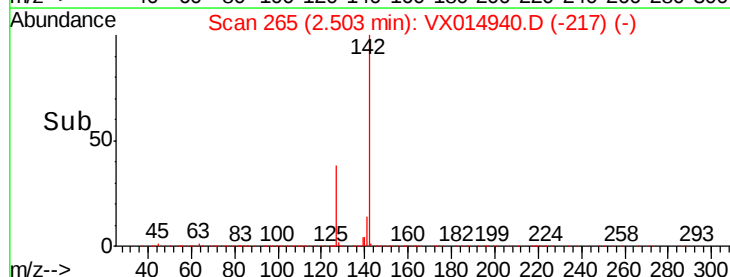
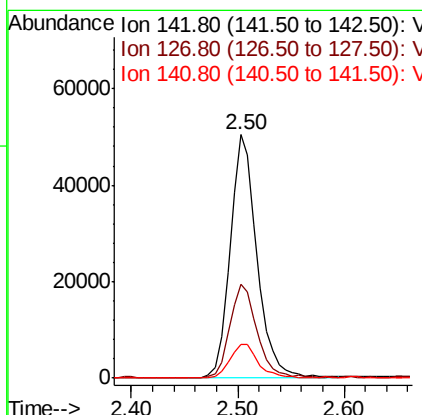
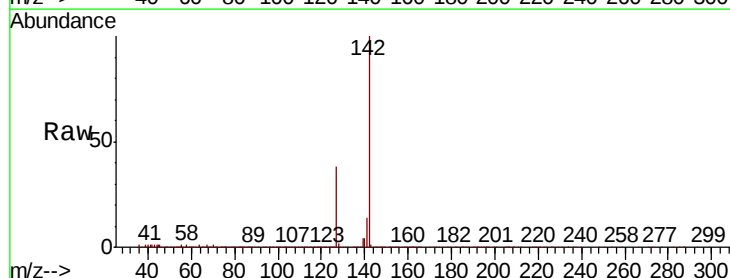
RT: 2.50 min Scan# 265

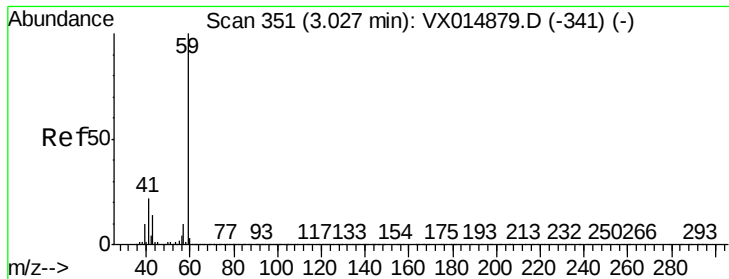
Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	142	Resp:	88554
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.1	46.7
141	14.7	11.3	16.9





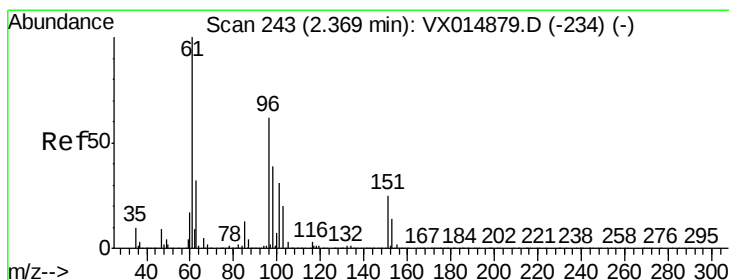
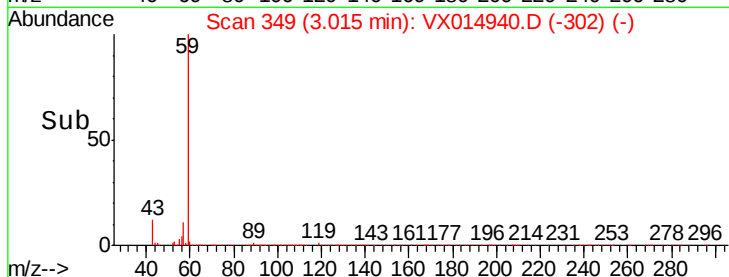
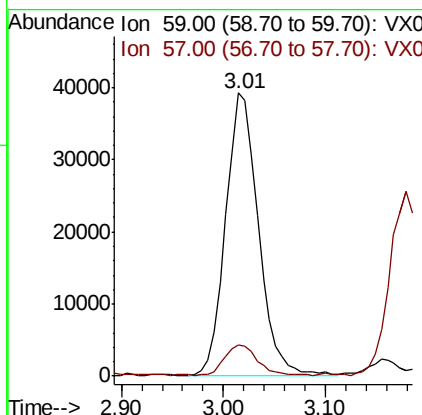
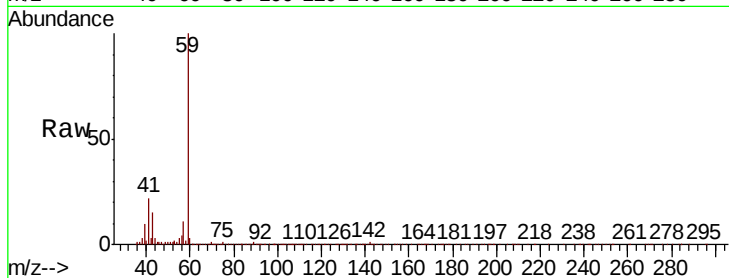
#11
Tert butyl alcohol
Concen: 98.565 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion: 59 Resp: 86715
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

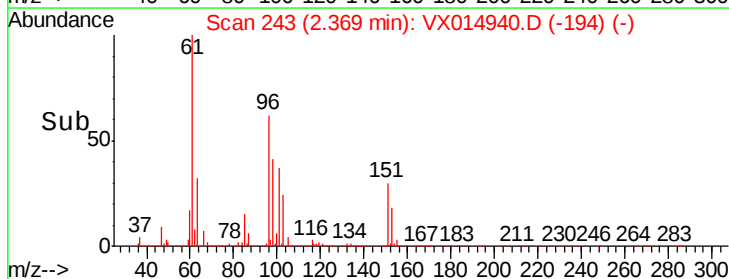
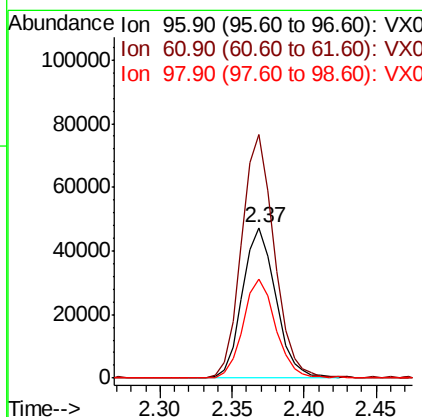
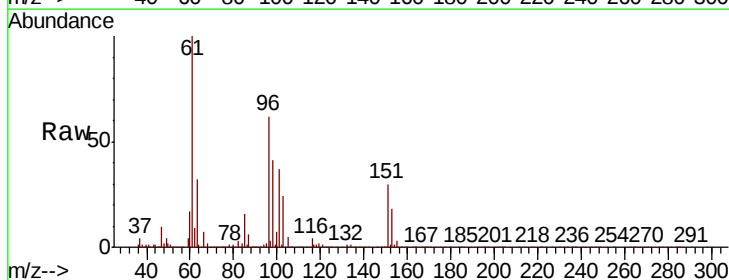
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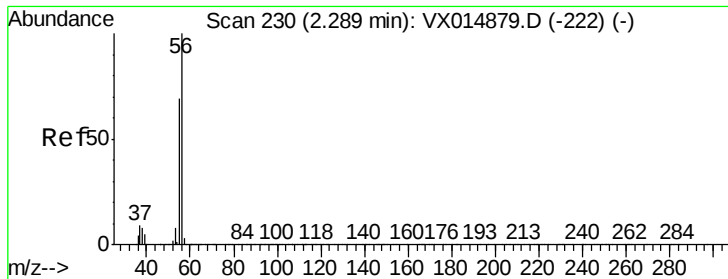
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#12
1,1-Dichloroethene
Concen: 18.651 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 96 Resp: 75477
Ion Ratio Lower Upper
96 100
61 162.2 129.5 194.3
98 66.1 50.6 76.0





#13

Acrolein

Concen: 66.978 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 56 Resp: 44911

Ion Ratio Lower Upper

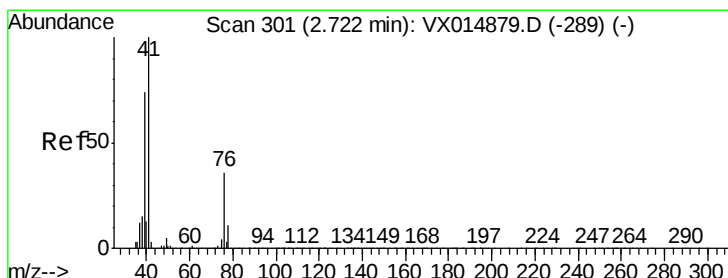
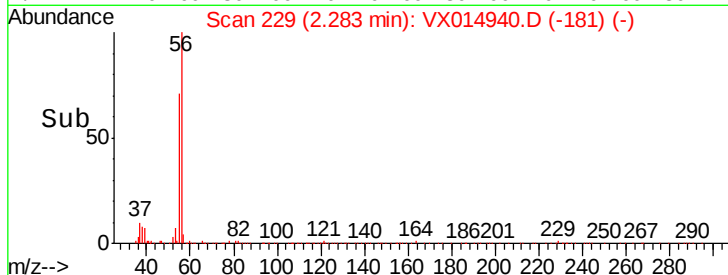
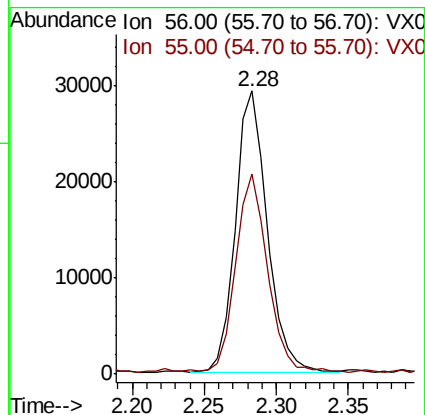
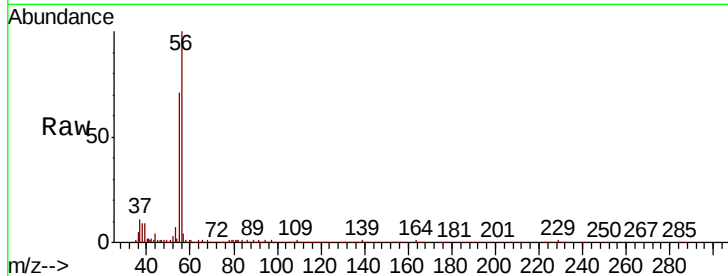
56 100

55 70.8 55.0 82.4

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#14

Allyl chloride

Concen: 18.524 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

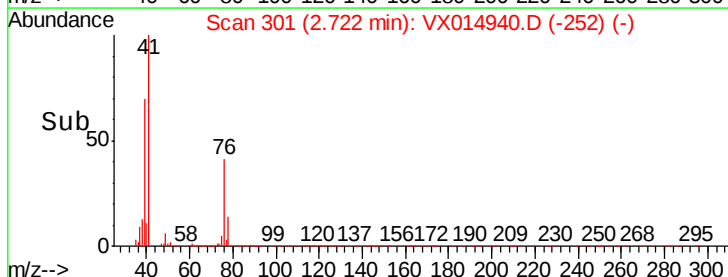
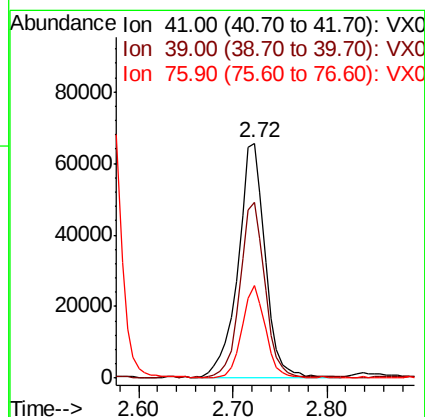
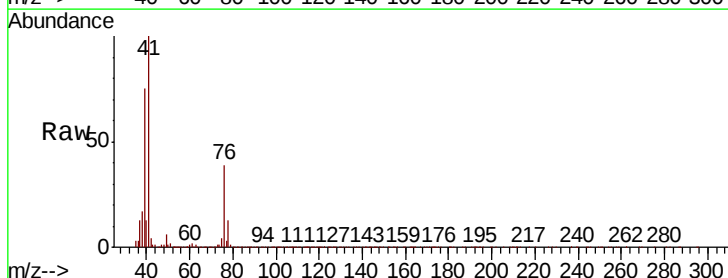
Tgt Ion: 41 Resp: 132907

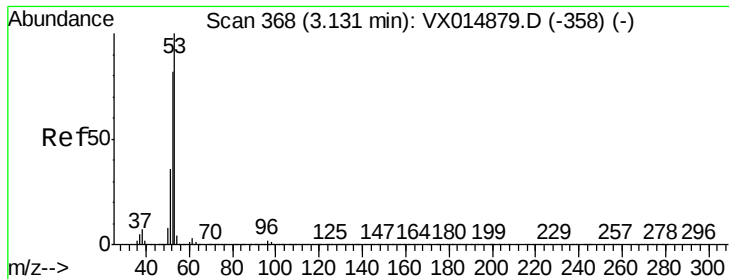
Ion Ratio Lower Upper

41 100

39 67.8 55.2 82.8

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 95.272 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

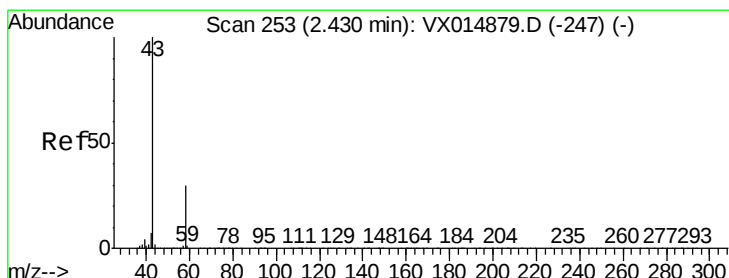
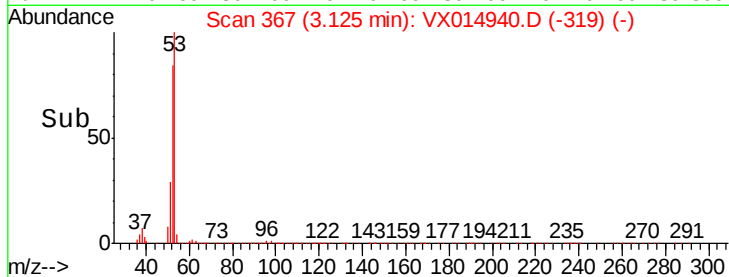
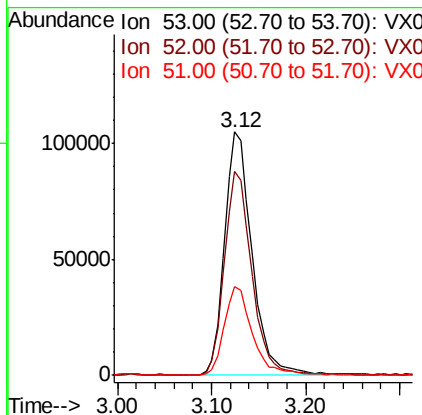
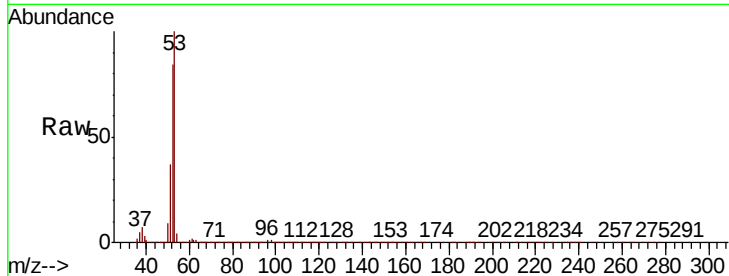
ClientSampleId :

VX0214WBSD01

Tot Ion:	53	Resp:	212485
Ion Ratio		Lower	Upper
53	100		
52	84.4	65.8	98.6
51	38.0	29.1	43.7

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#16

Acetone

Concen: 80.939 ug/l

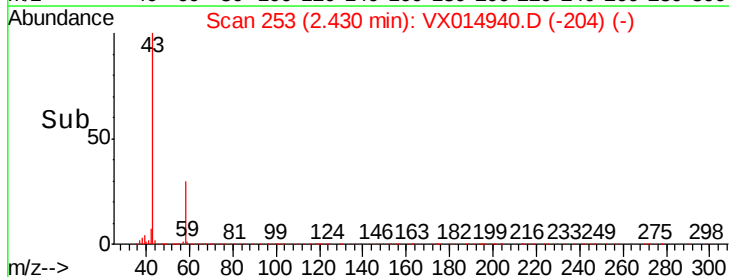
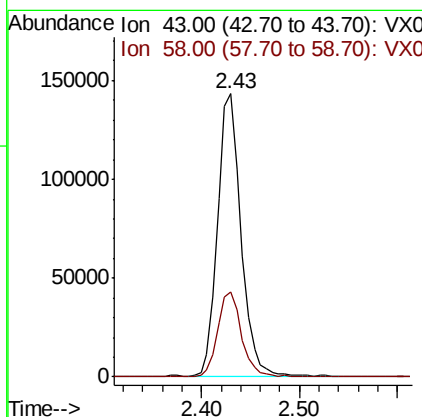
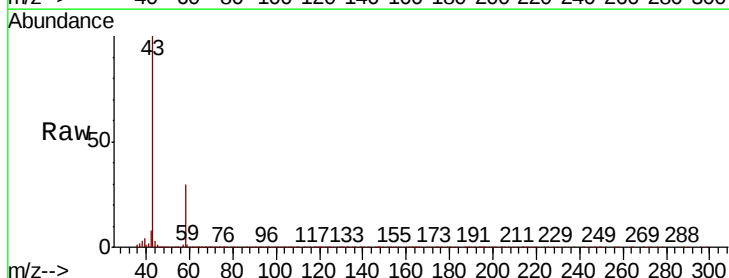
RT: 2.43 min Scan# 253

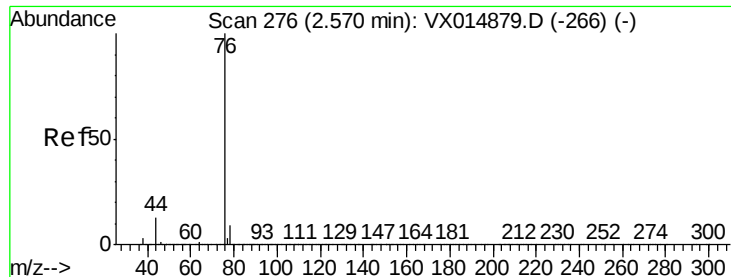
Delta R.T. 0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	43	Resp:	236422
Ion Ratio		Lower	Upper
43	100		
58	29.9	24.1	36.1





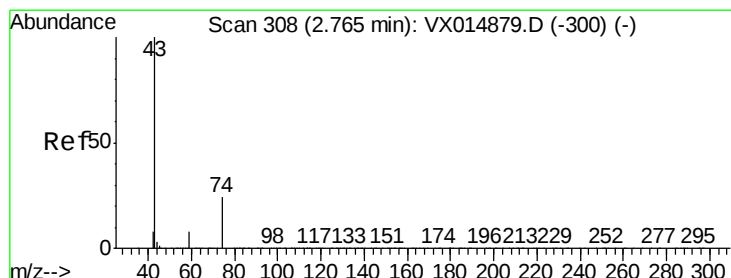
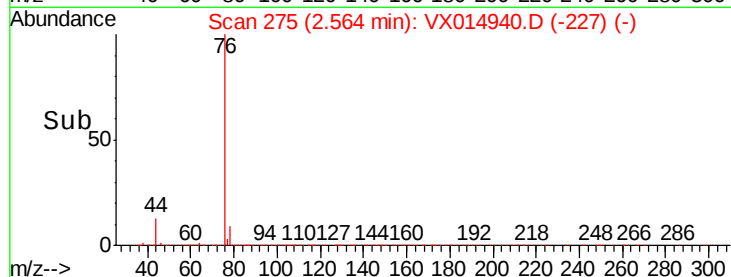
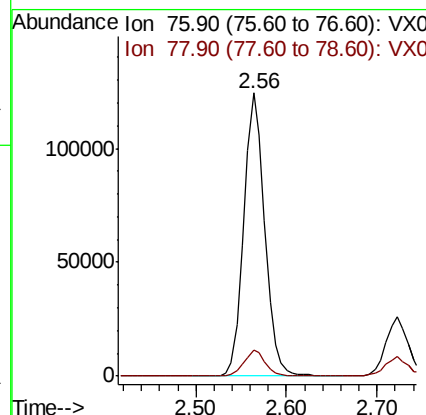
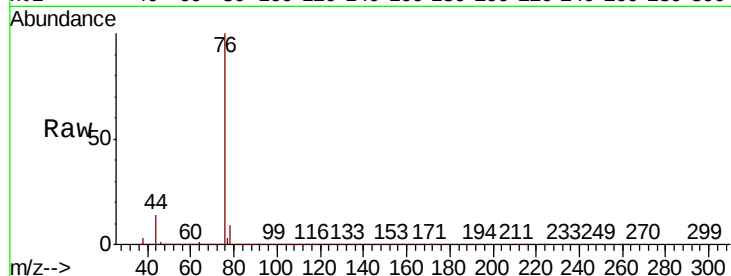
#17
Carbon Disulfide
Concen: 17.551 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

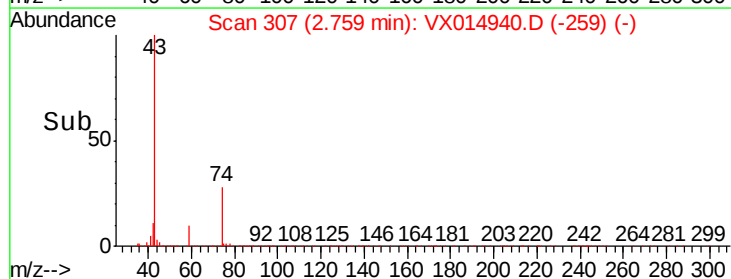
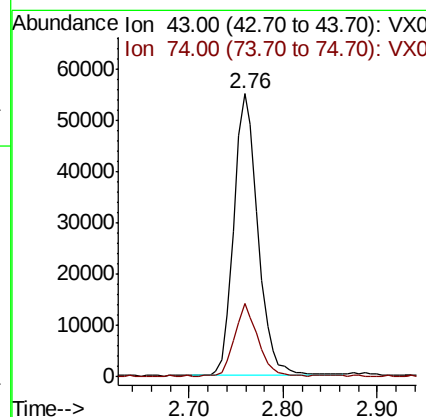
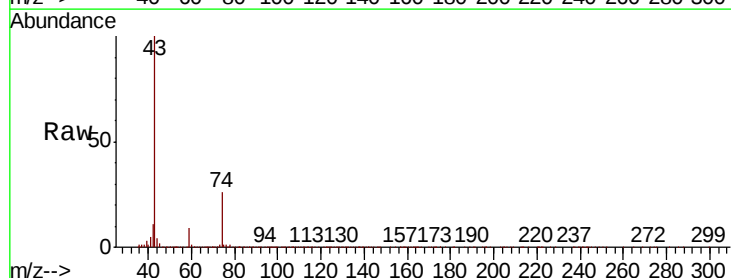
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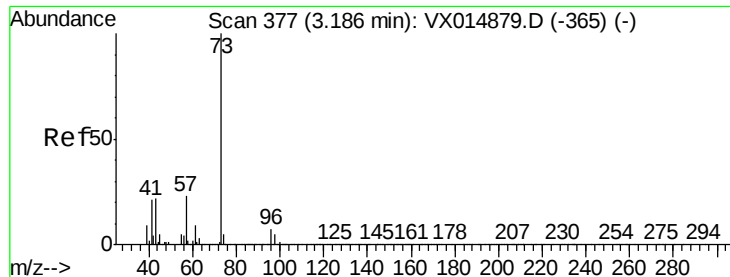
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#18
Methyl Acetate
Concen: 19.562 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	19.4	29.0





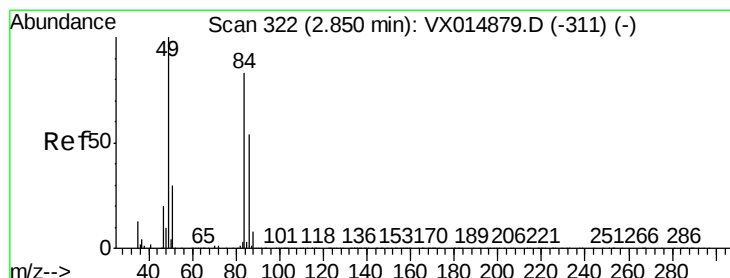
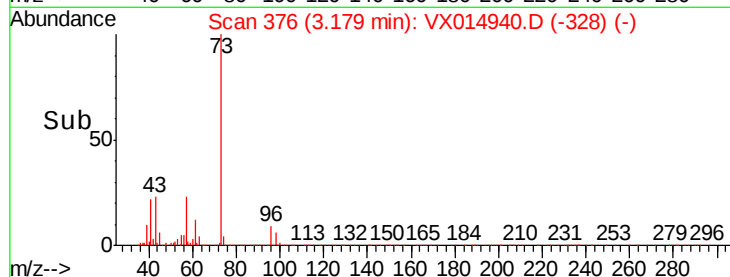
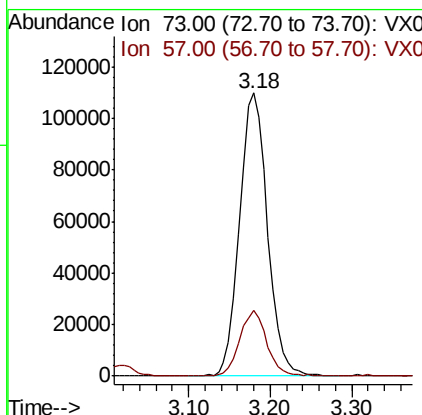
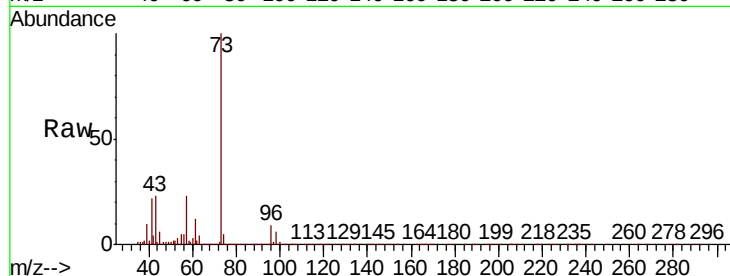
#19
Methvl tert-butvl Ether
Concen: 19.684 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.2	27.4

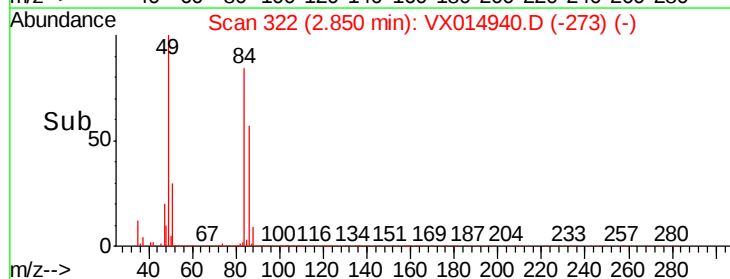
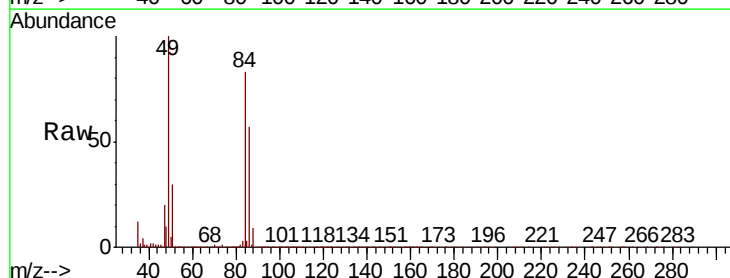
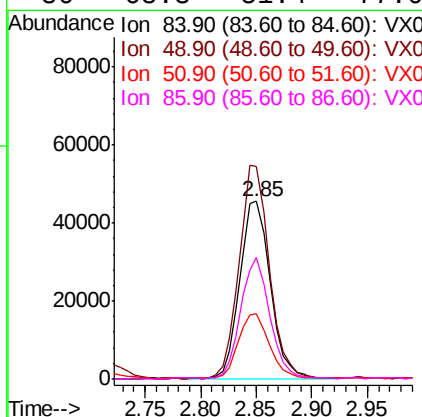
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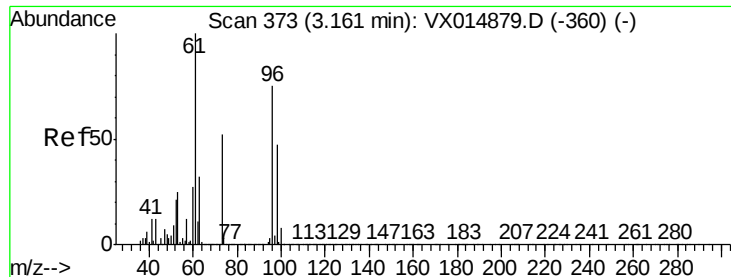
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#20
Methylene Chloride
Concen: 18.198 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	95.6	143.4
51	36.1	29.0	43.6
86	68.3	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.367 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

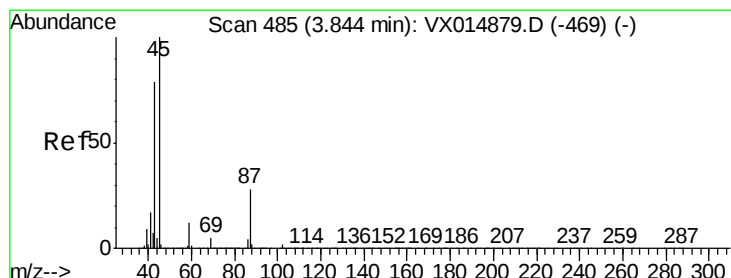
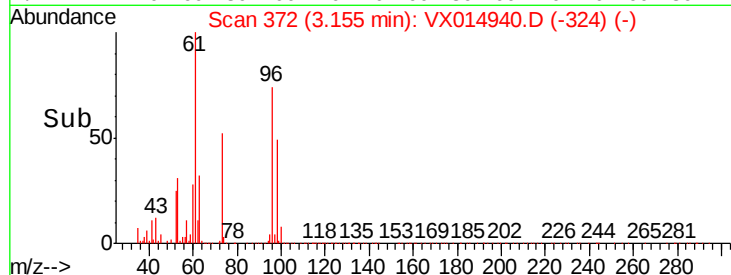
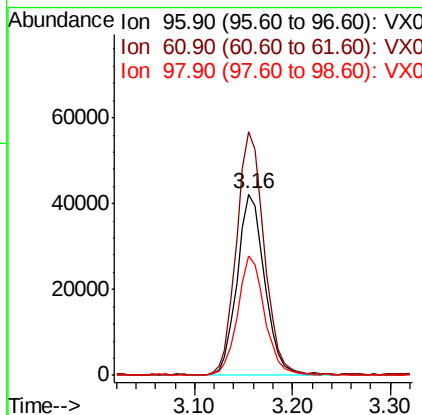
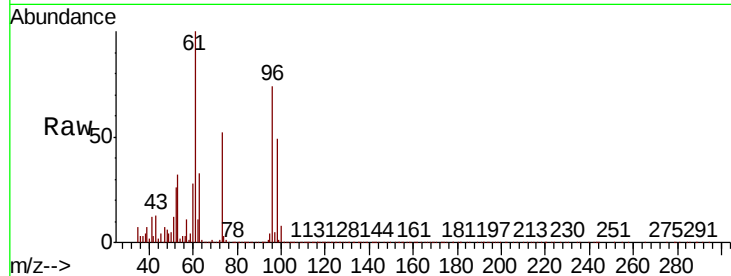
ClientSampleId :

VX0214WBSD01

Tot Ion:	96	Resp:	82017
Ion	Ratio	Lower	Upper
96	100		
61	134.6	106.9	160.3
98	66.1	50.7	76.1

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#22

Diisopropyl ether

Concen: 19.729 ug/l

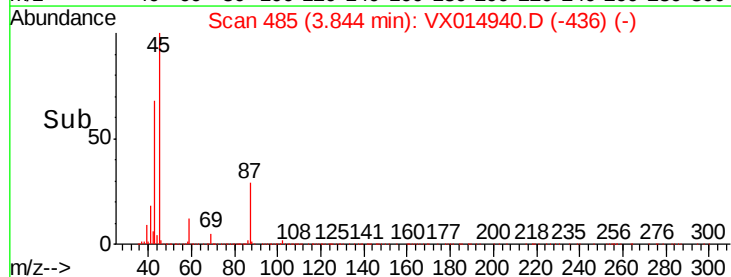
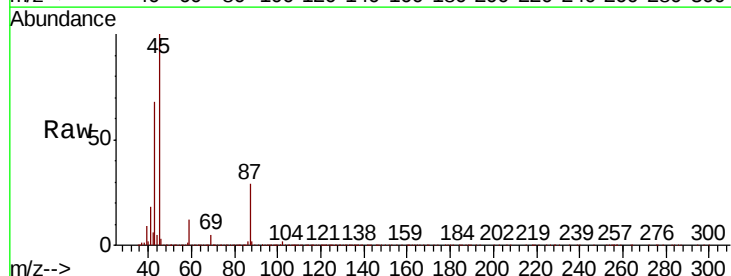
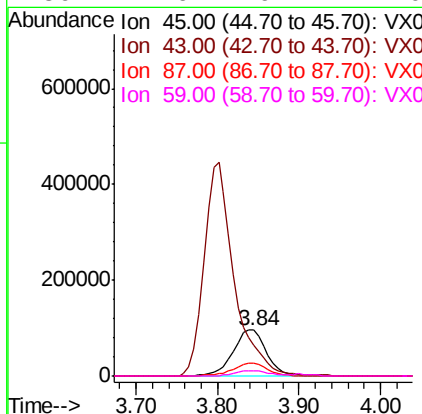
RT: 3.84 min Scan# 485

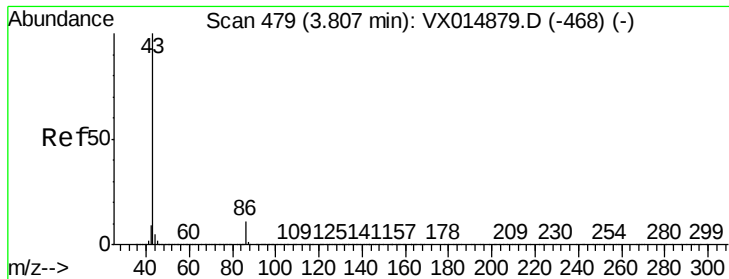
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	45	Resp:	270357
Ion	Ratio	Lower	Upper
45	100		
43	66.6	63.5	95.3
87	29.3	22.2	33.4
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 101.772 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 43 Resp: 1149667

Ion Ratio Lower Upper

43 100

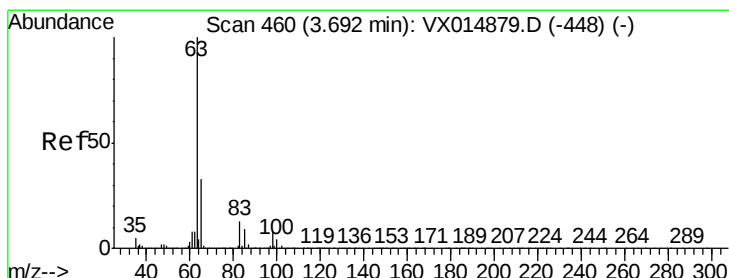
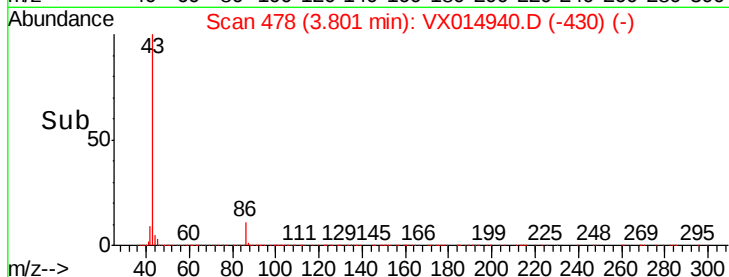
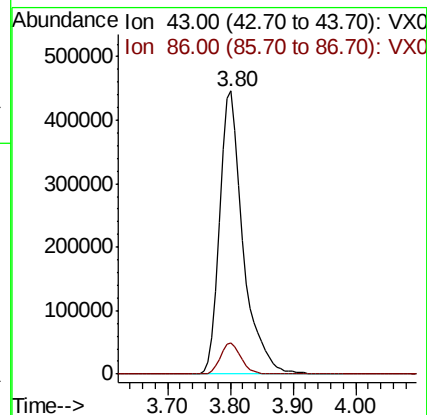
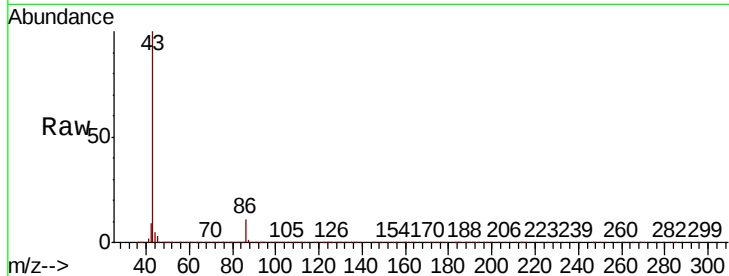
86 10.9 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 18.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

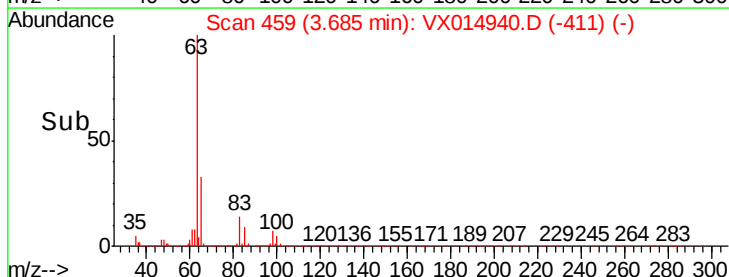
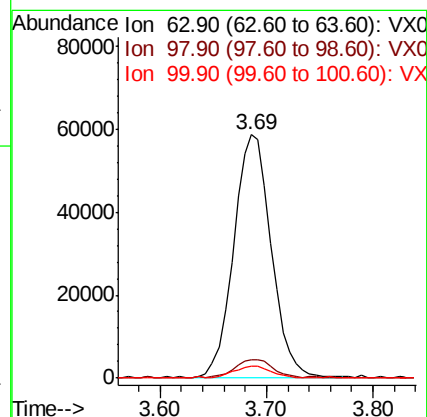
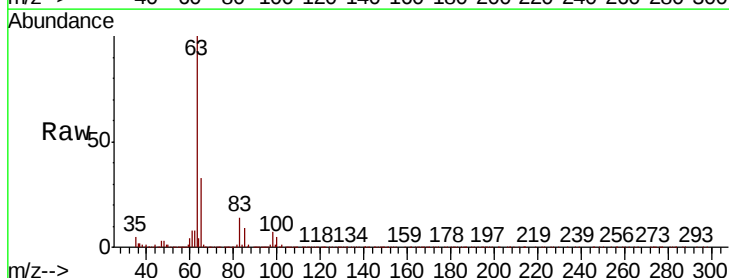
Tgt Ion: 63 Resp: 144075

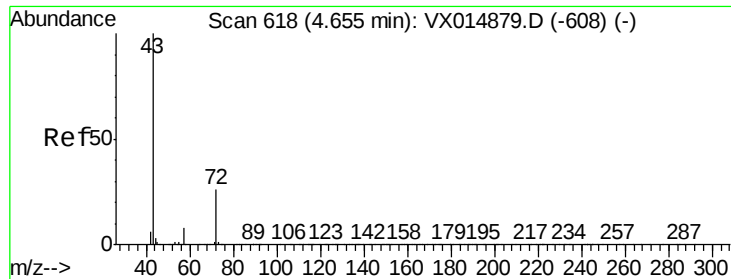
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 92.442 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 43 Resp: 313586

Ion Ratio Lower Upper

43 100

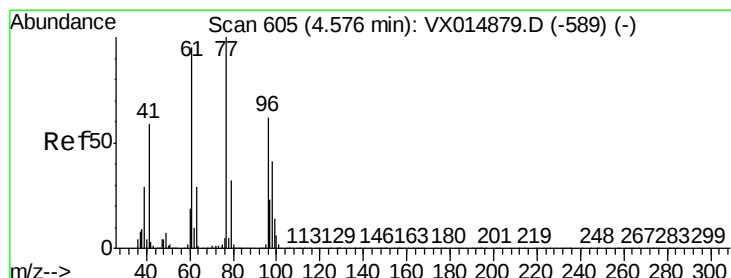
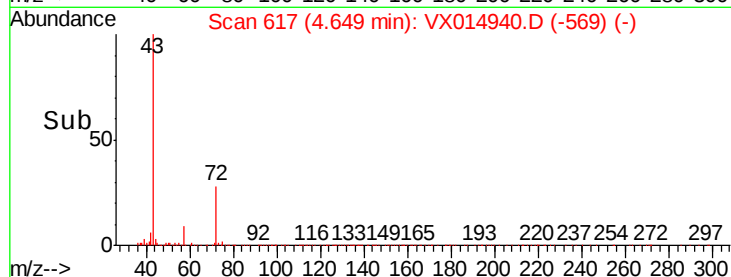
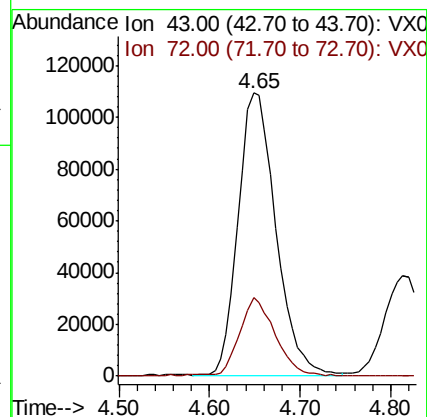
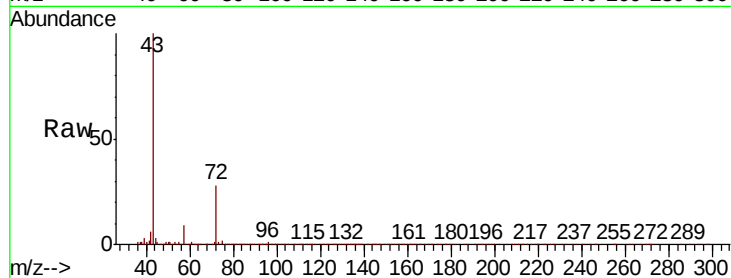
72 27.4 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 18.721 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014940.D

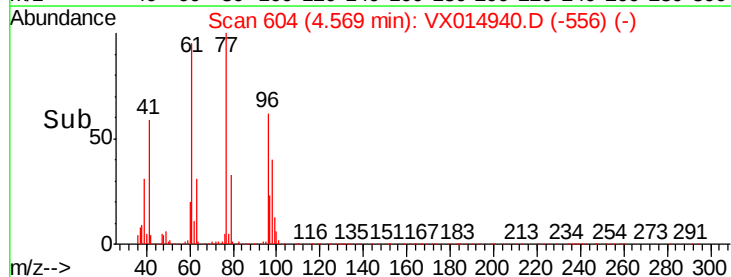
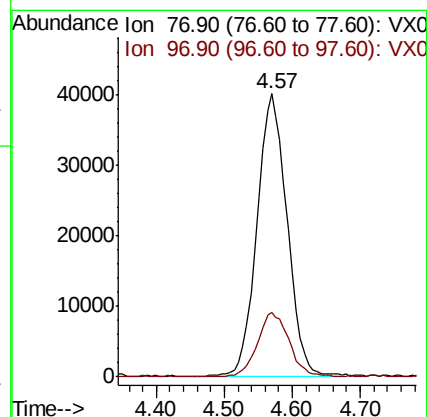
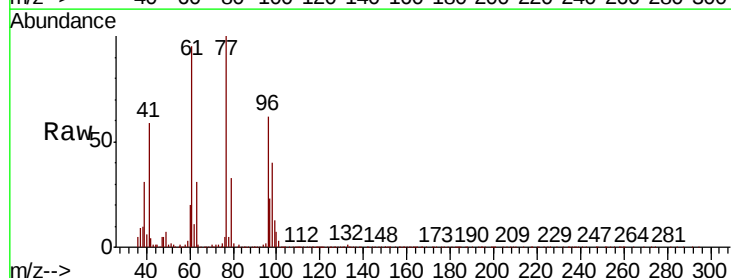
Acq: 14 Feb 2020 11:07

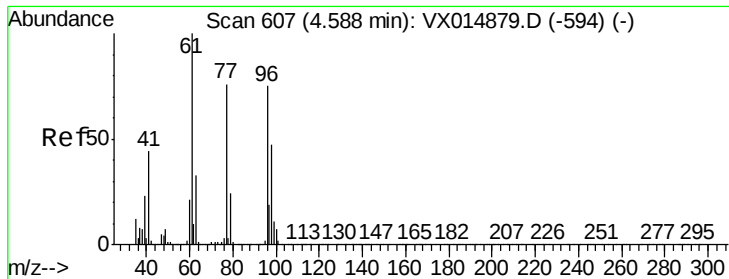
Tgt Ion: 77 Resp: 124779

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5





#27

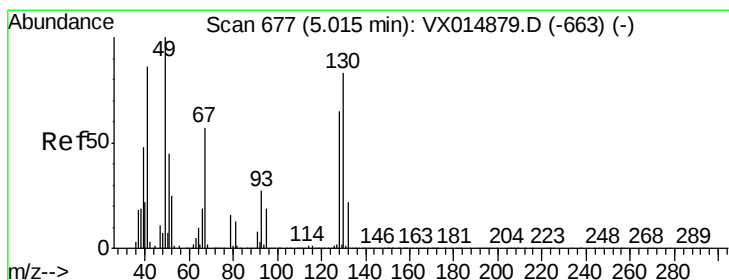
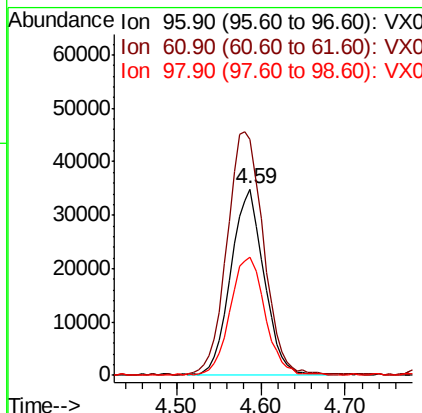
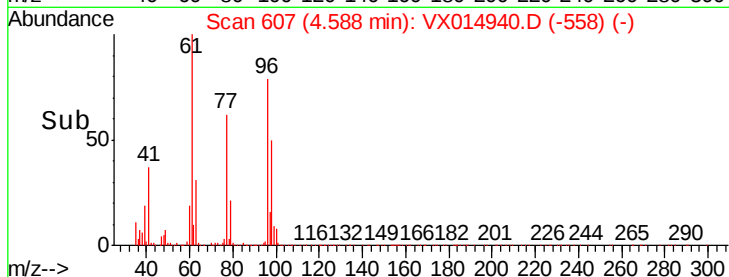
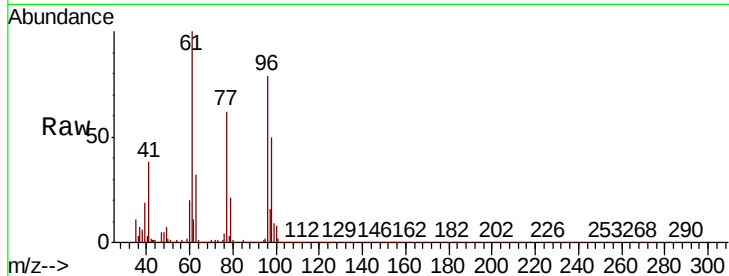
cis-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.2	0.0	286.2	
98	66.7	0.0	131.0	

Manual Integrations
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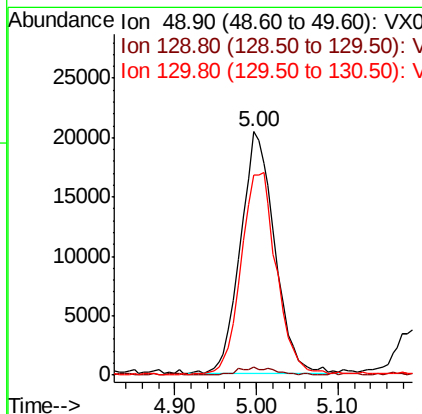
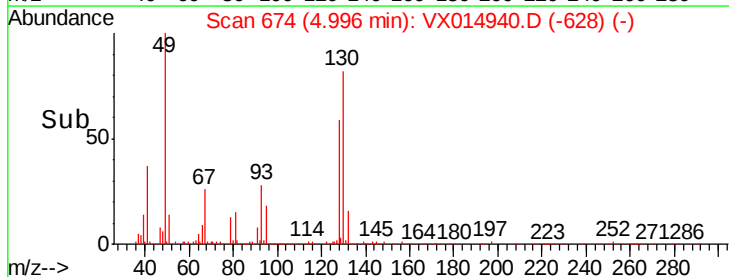
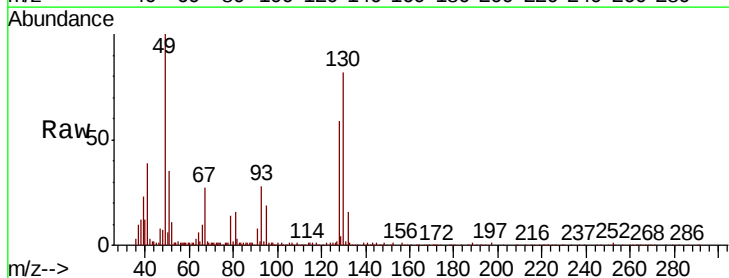
apatel
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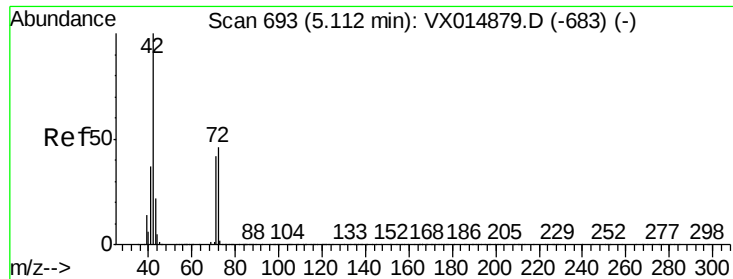


#28

Bromochloromethane
Concen: 19.775 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.4	0.0	5.2	
130	86.0	67.4	101.2	





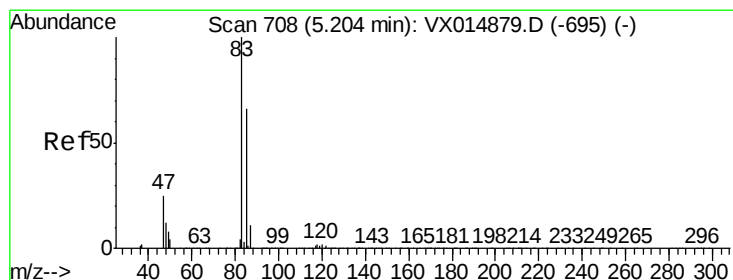
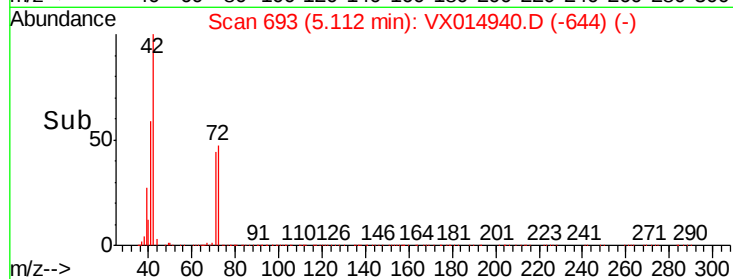
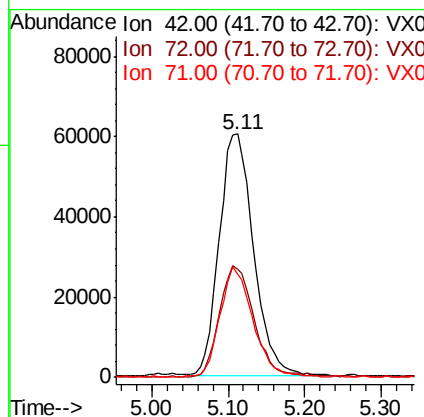
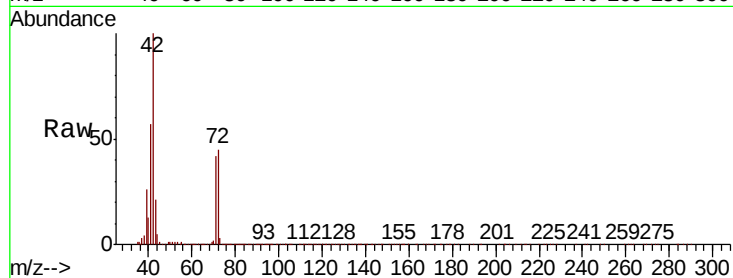
#29
Tetrahydrofuran
Concen: 97.165 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.9	55.3
71	43.3	34.1	51.1

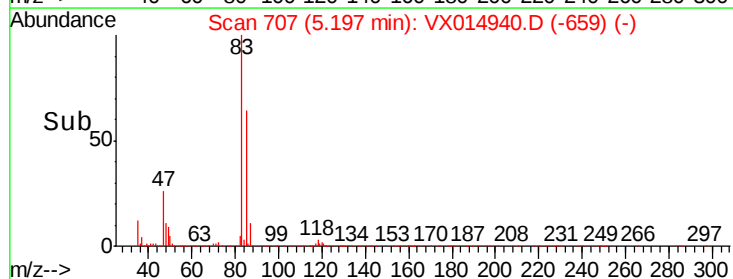
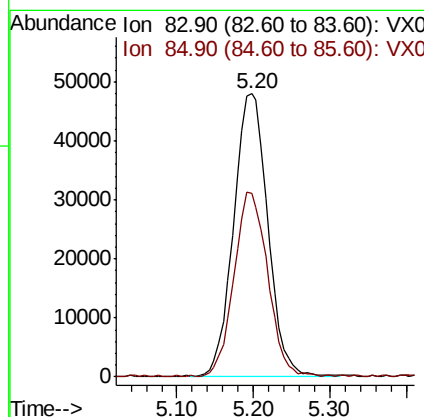
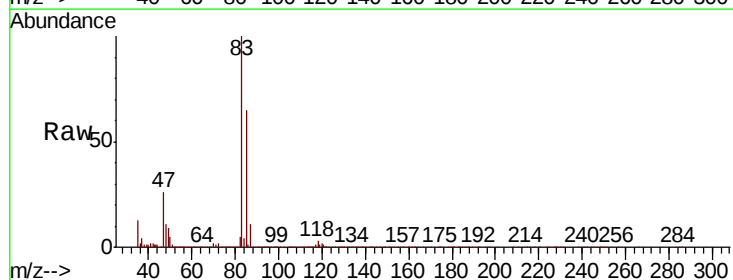
Manual Integrations
APPROVED

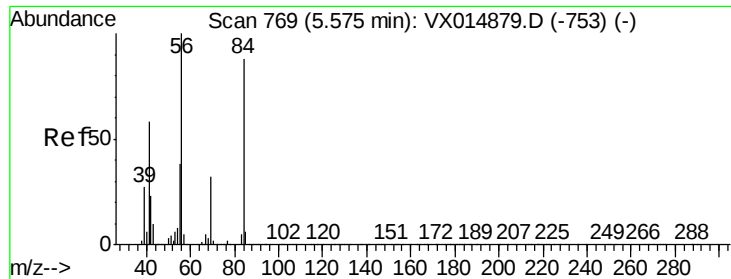
apatel
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#30
Chloroform
Concen: 19.194 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.9	79.3





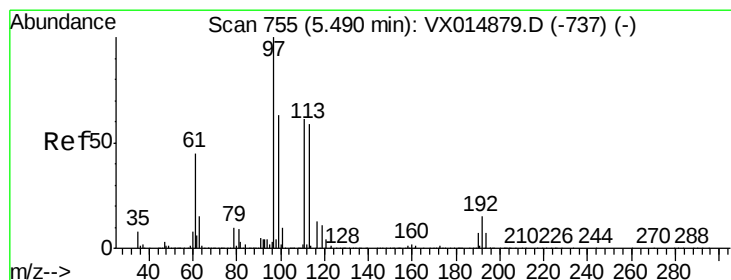
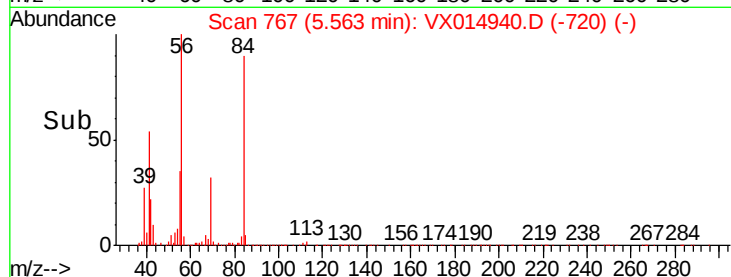
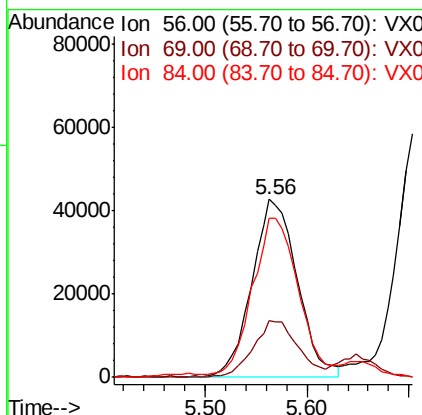
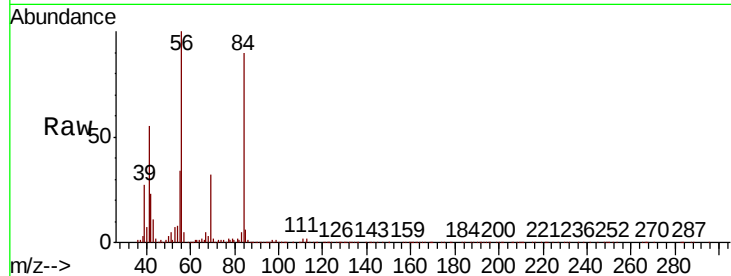
#31
Cvclohexane
Concen: 18.432 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.9	38.9
84	87.8	70.4	105.6

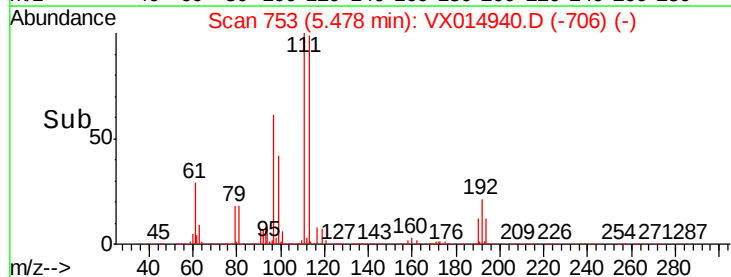
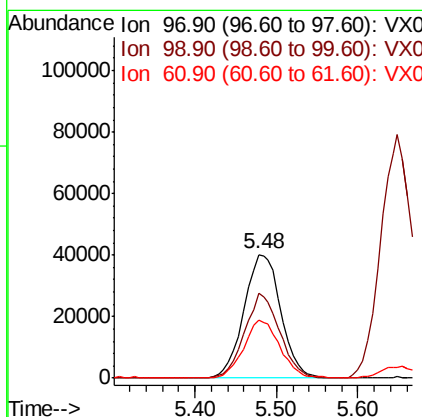
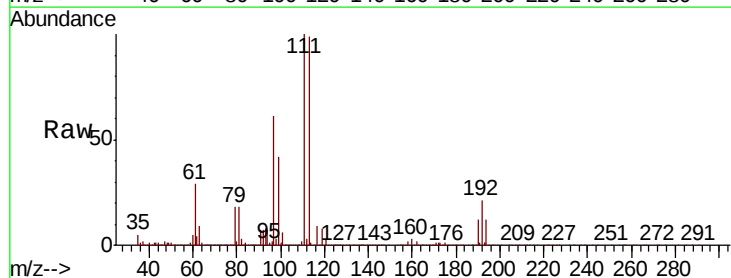
Manual Integrations
APPROVED

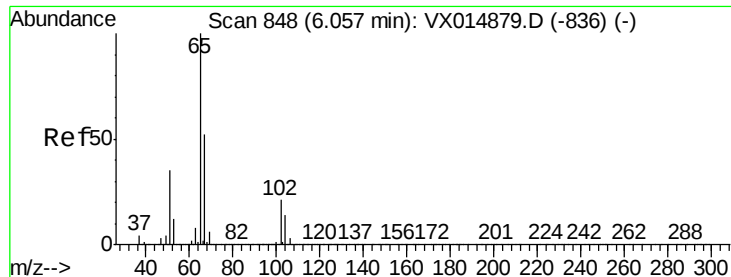
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.626 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	45.7	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 48.947 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 65 Resp: 243889

Ion Ratio Lower Upper

65 100

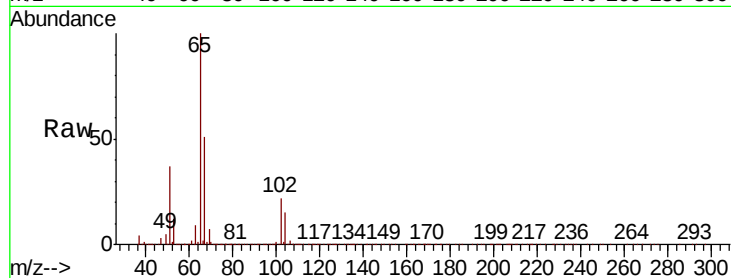
67 52.0 0.0 103.0

Manual Integrations

APPROVED

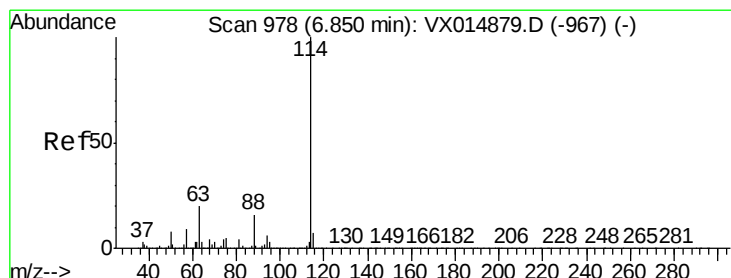
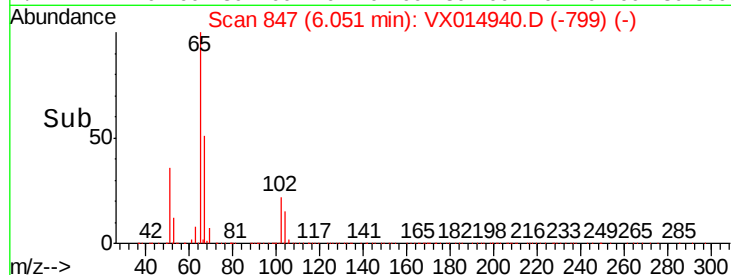
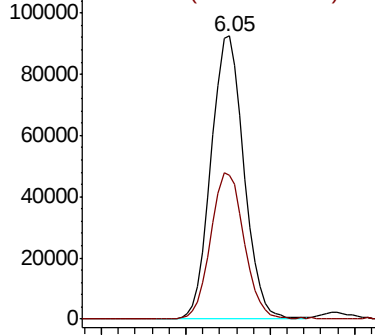
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

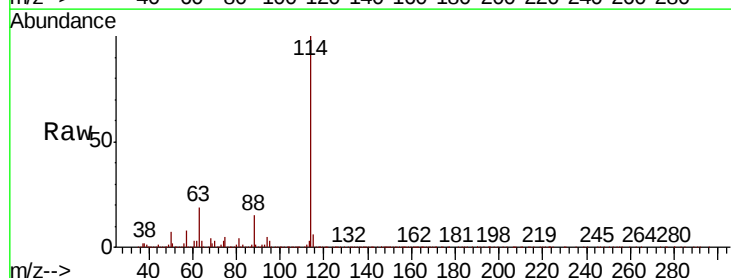
Tgt Ion: 114 Resp: 642134

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

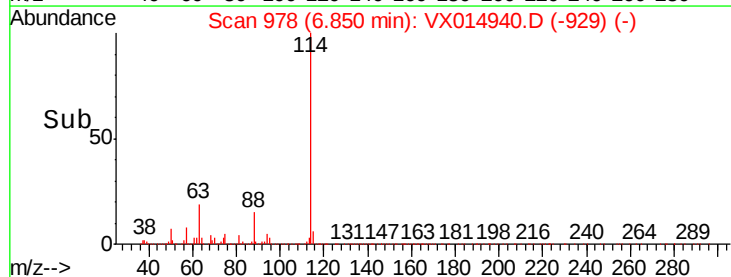
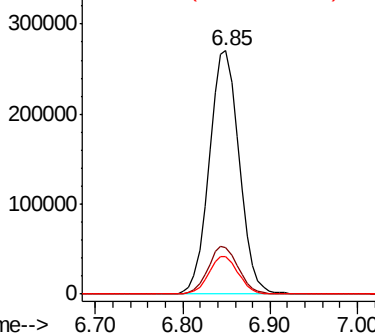
88 15.2 0.0 32.0

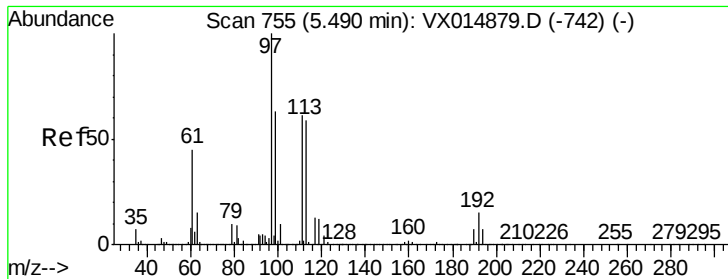


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.580 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

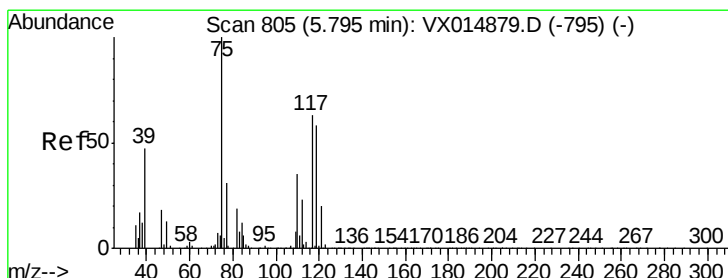
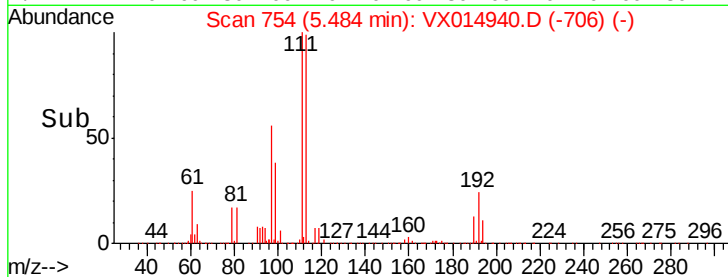
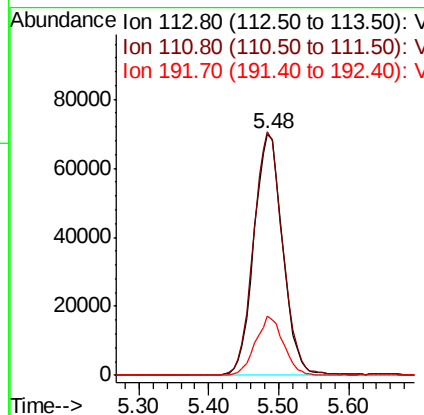
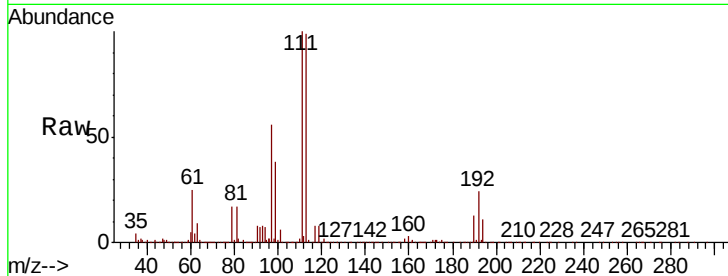
ClientSampleId :

VX0214WBSD01

Tot Ion:	113	Resp:	199672
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.4	123.6
192	23.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.289 ug/l

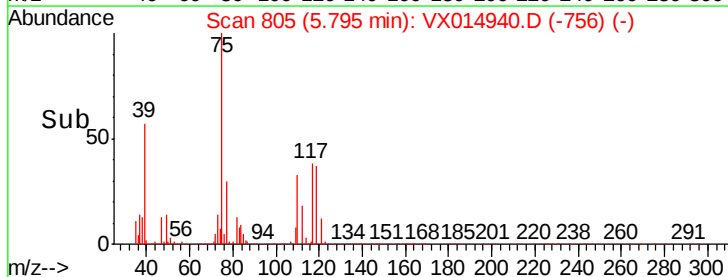
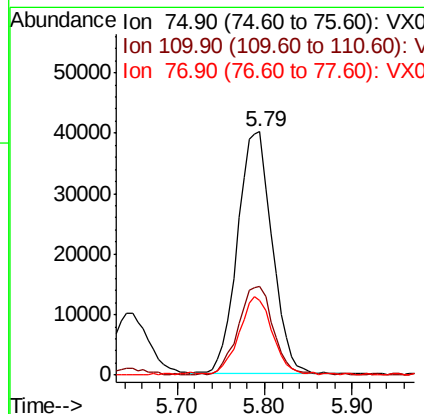
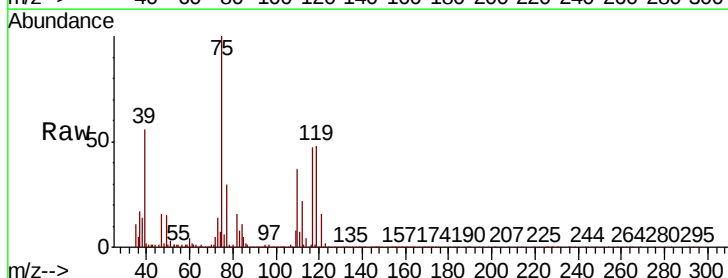
RT: 5.79 min Scan# 805

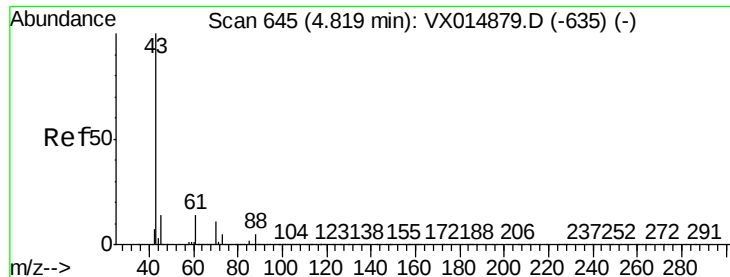
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	75	Resp:	110795
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.3	54.8
77	30.3	24.6	36.8





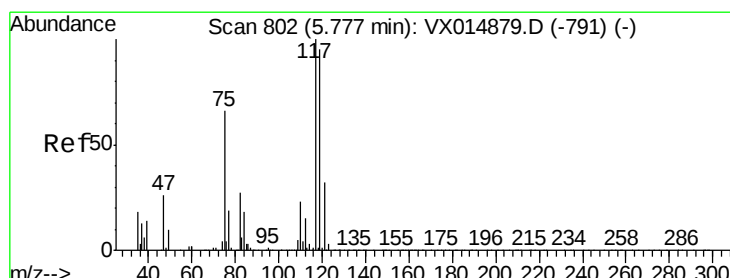
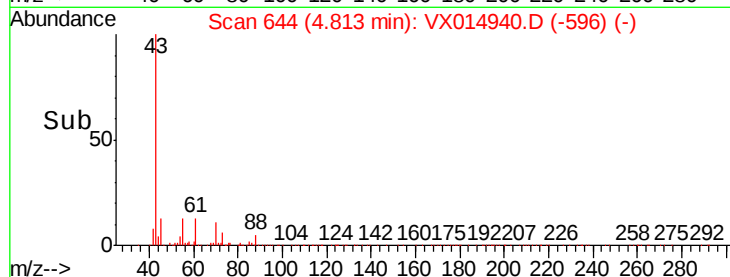
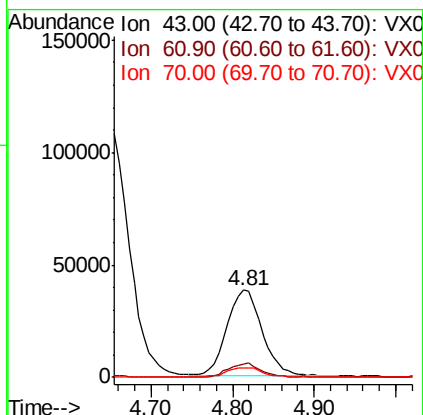
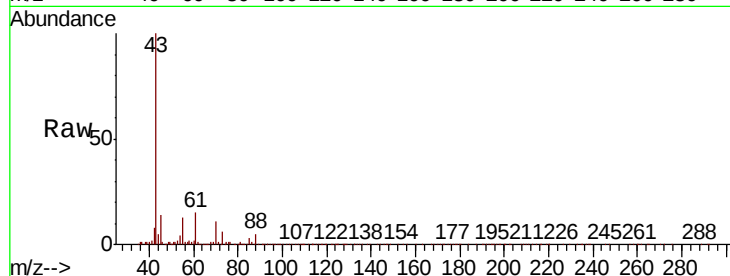
#37
Ethyl Acetate
Concen: 19.375 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	11.4	8.7	13.1

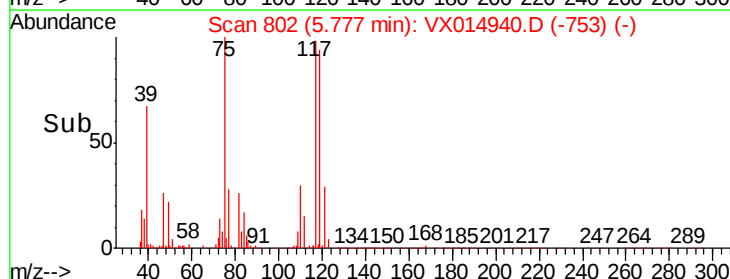
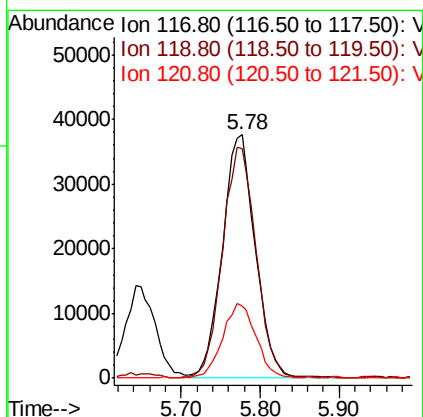
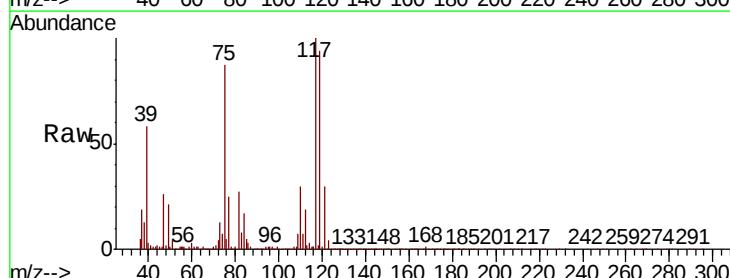
Manual Integrations
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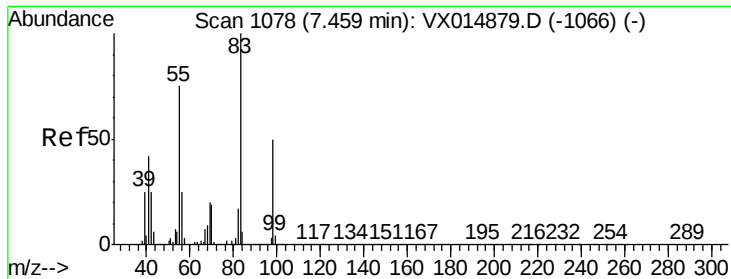
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#38
Carbon Tetrachloride
Concen: 19.504 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.0	114.0
121	29.6	25.4	38.2





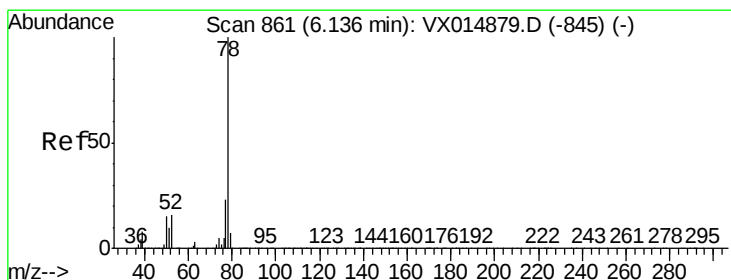
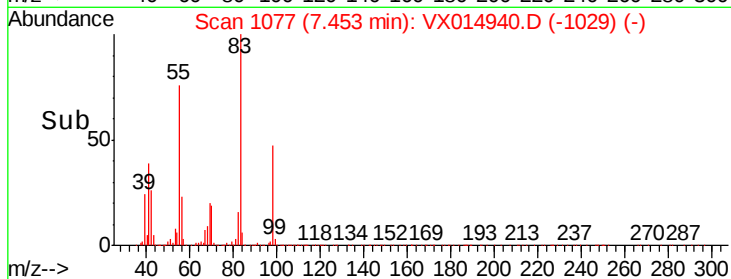
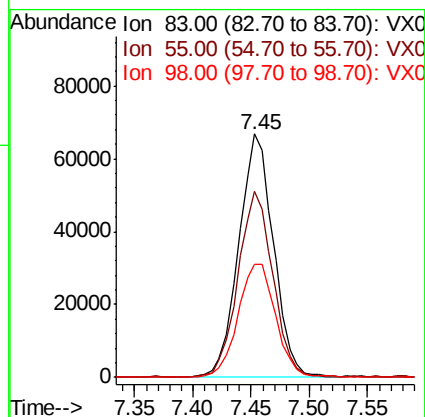
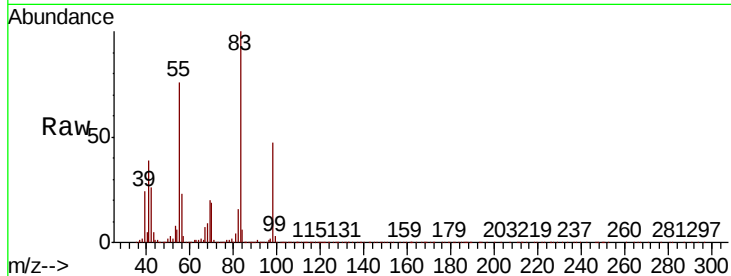
#39
Methvlcvclohexane
Concen: 19.322 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	138806		
55	76.0		60.0	90.0
98	46.4		39.6	59.4

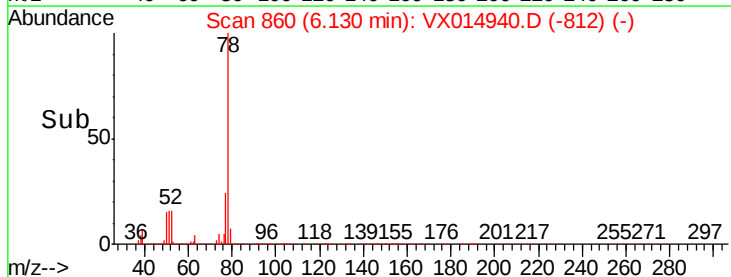
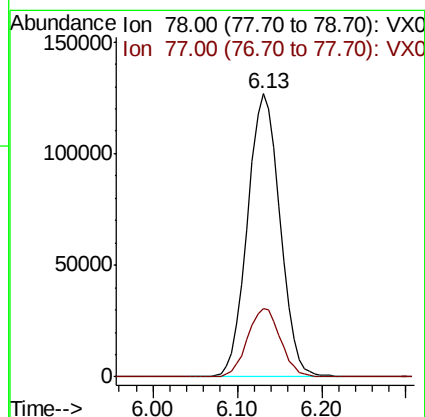
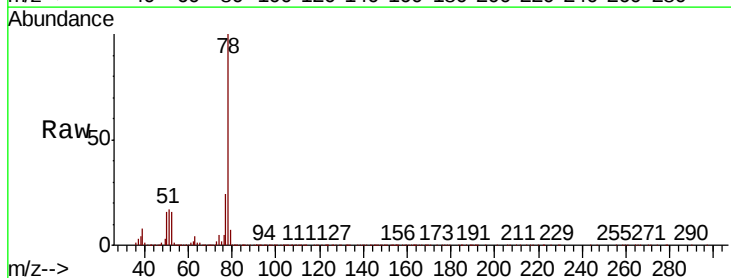
Manual Integrations
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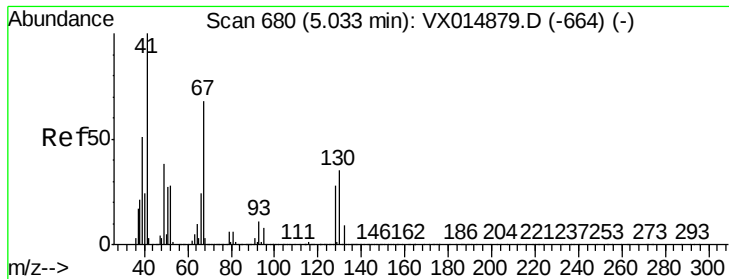
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#40
Benzene
Concen: 19.366 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	332364		
77	24.3		18.8	28.2





#41

Methacrylonitrile

Concen: 20.249 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

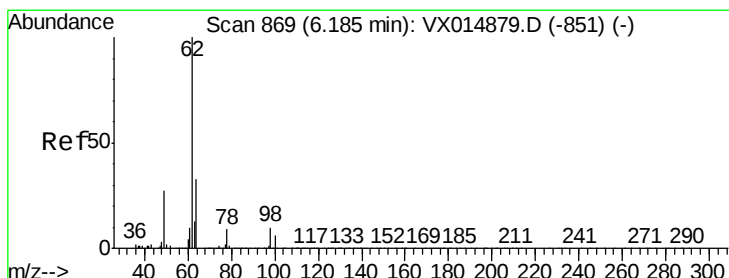
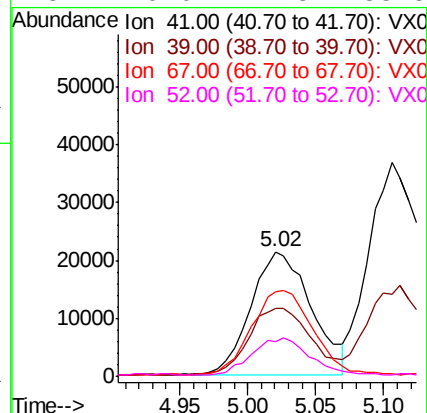
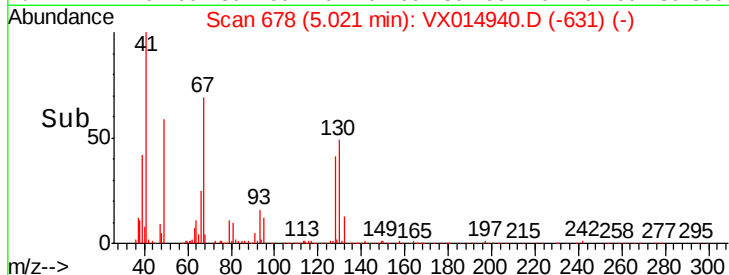
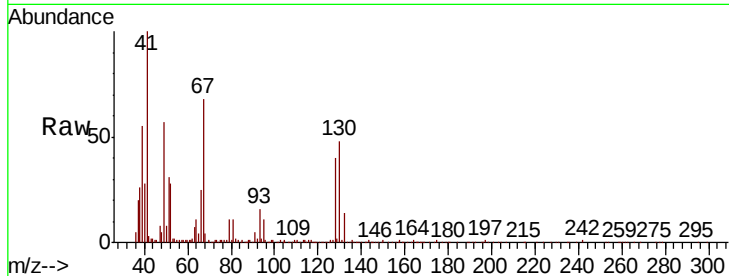
ClientSampleId :

VX0214WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	44.7	67.1	
67	71.3	56.6	84.8	
52	29.0	22.3	33.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.824 ug/l

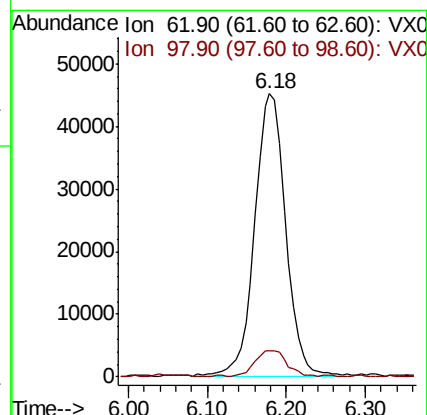
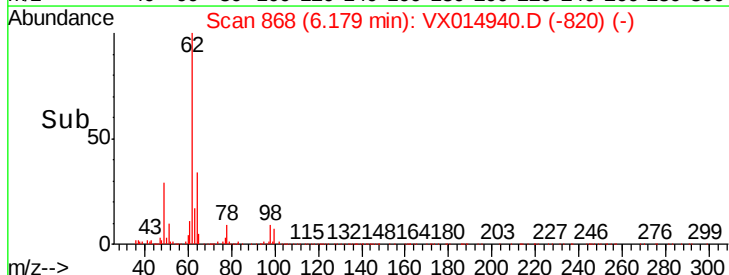
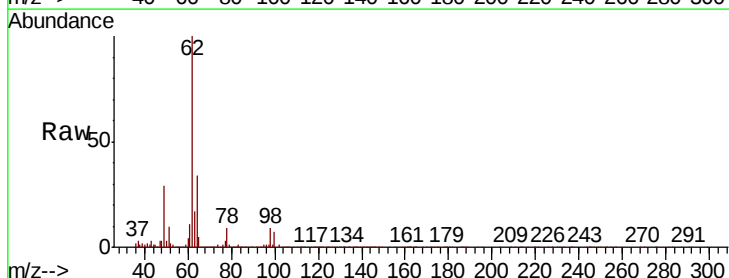
RT: 6.18 min Scan# 868

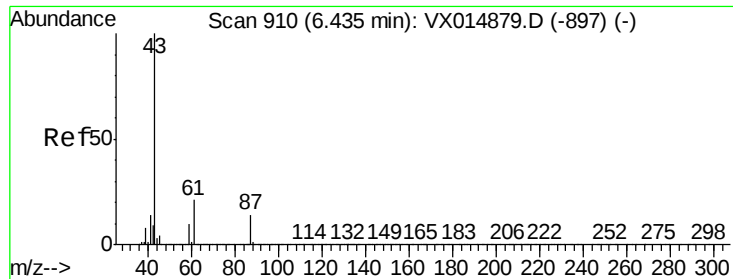
Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	19.2	





#43

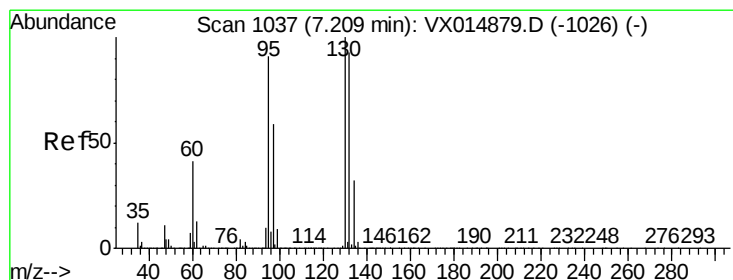
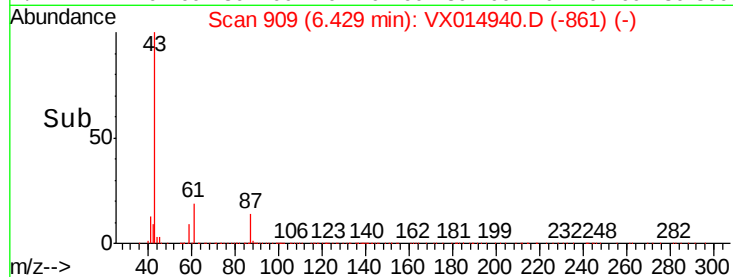
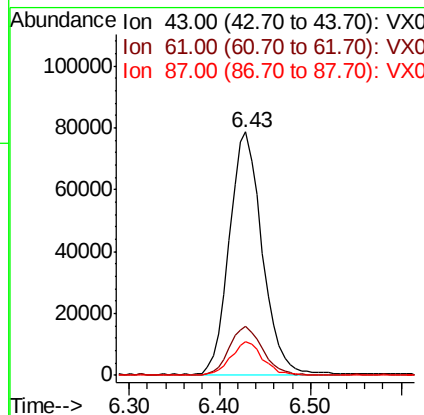
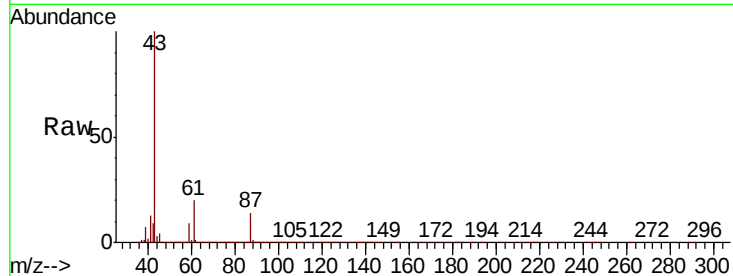
Isopropyl Acetate
 Concen: 19.921 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion:	43	Resp:	196880
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.4
87	13.3	11.0	16.6

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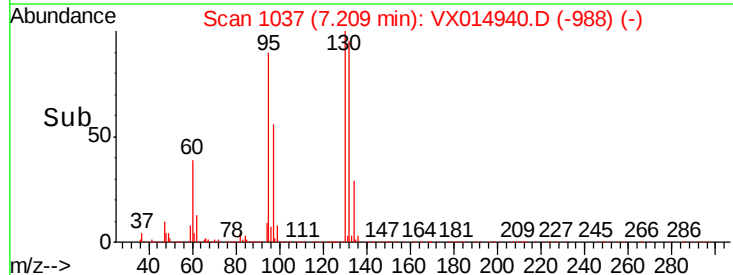
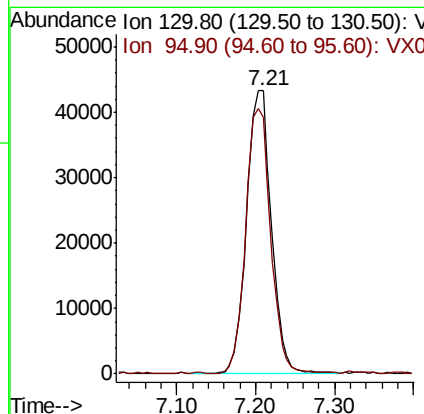
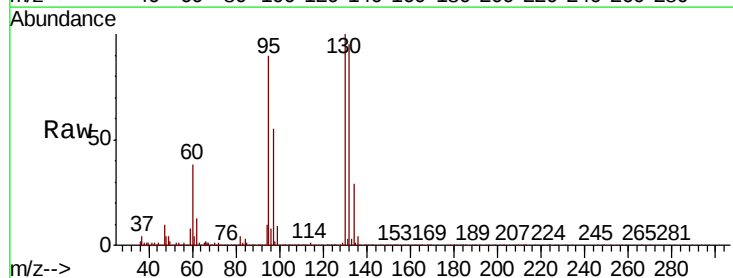
apatel
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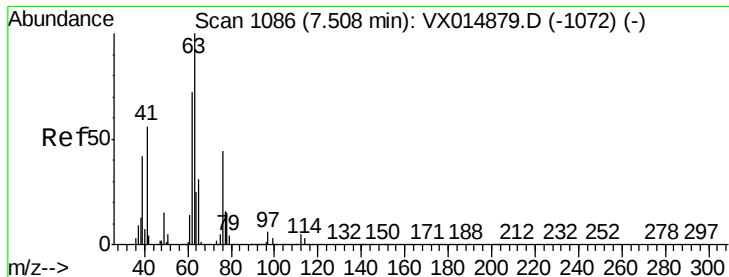


#44

Trichloroethene
 Concen: 19.090 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion:	130	Resp:	95110
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	182.6





#45

1,2-Dichloropropane

Concen: 19.755 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 63 Resp: 86466

Ion Ratio Lower Upper

63 100

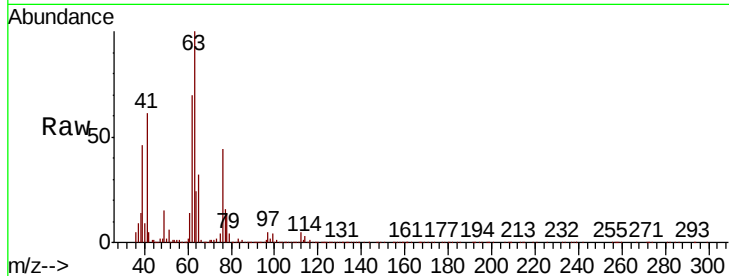
65 31.3 24.9 37.3

Manual Integrations

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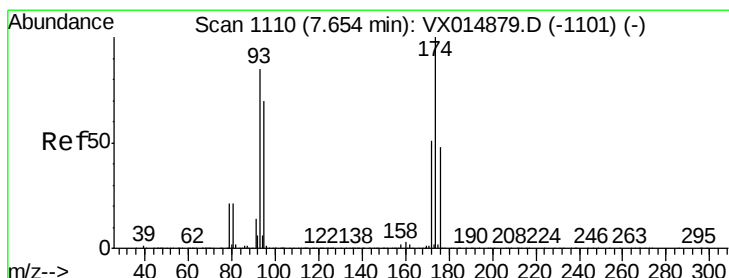
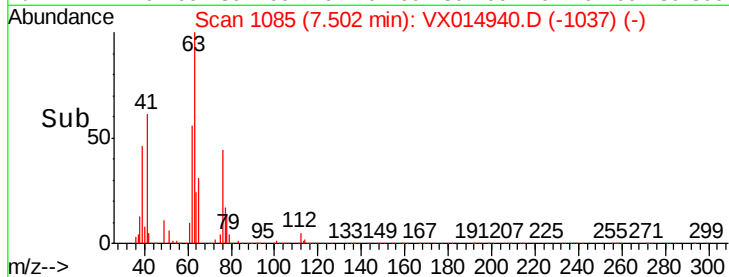
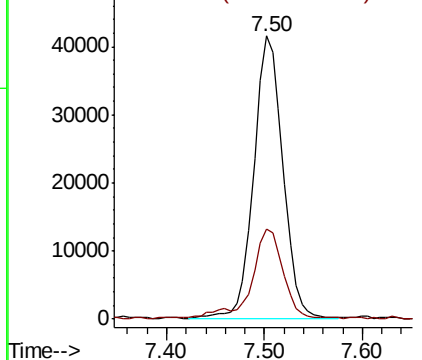
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.368 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

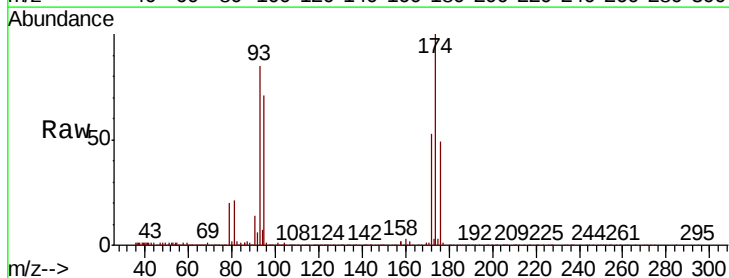
Tgt Ion: 93 Resp: 57946

Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

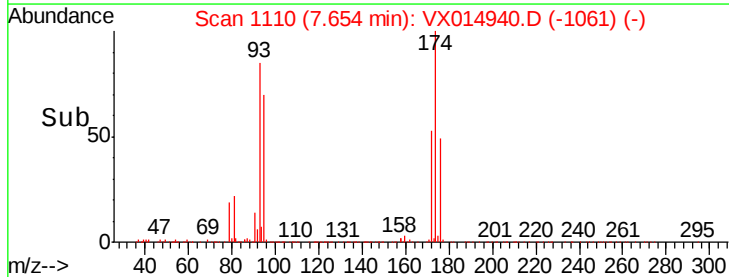
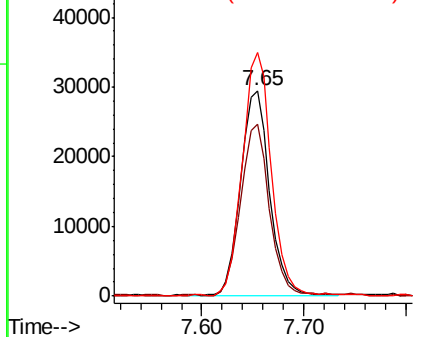
174 117.9 95.4 143.2

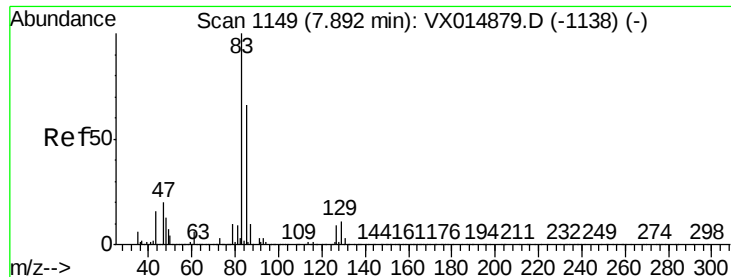


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.593 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

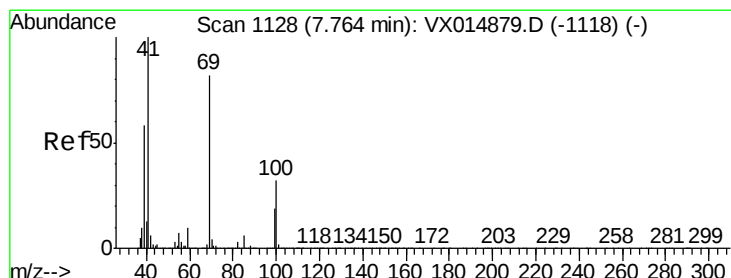
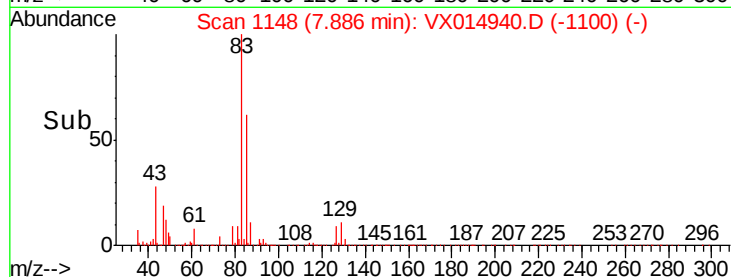
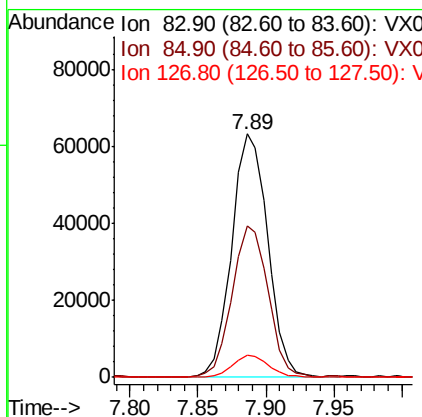
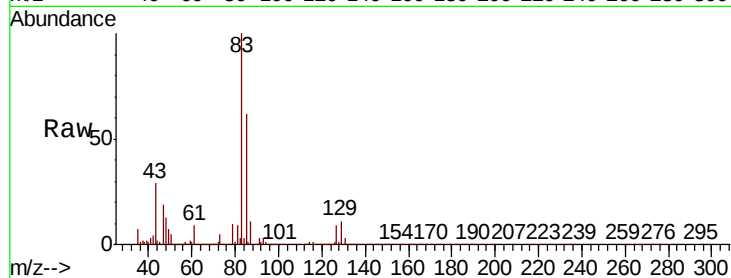
ClientSampleId :

VX0214WBSD01

Tot Ion:	83	Resp:	116231
Ion Ratio	Lower	Upper	
83	100		
85	62.4	52.5	78.7
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.604 ug/l

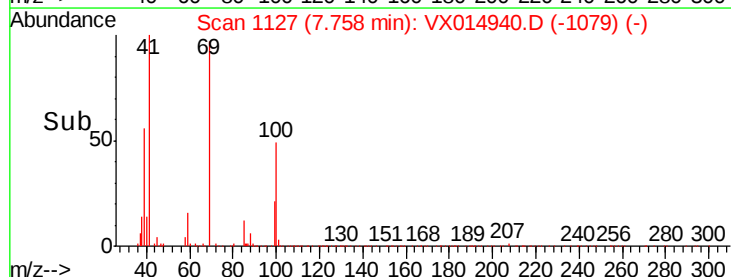
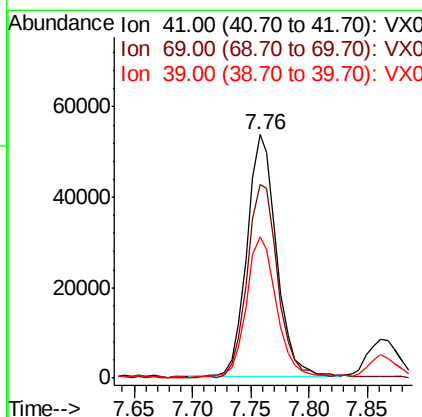
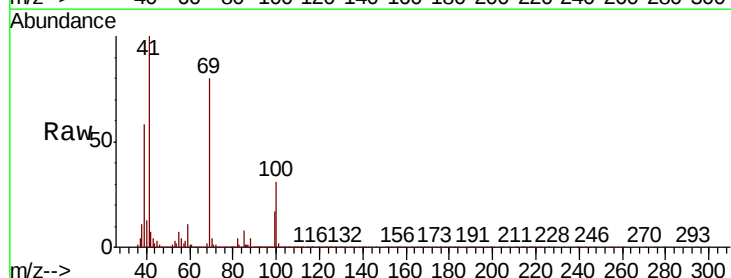
RT: 7.76 min Scan# 1127

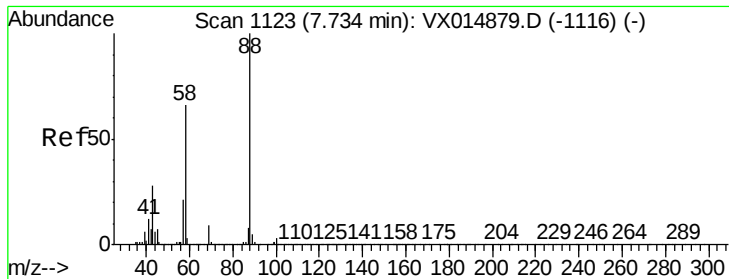
Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	41	Resp:	95350
Ion Ratio	Lower	Upper	
41	100		
69	83.2	65.7	98.5
39	59.0	45.8	68.8





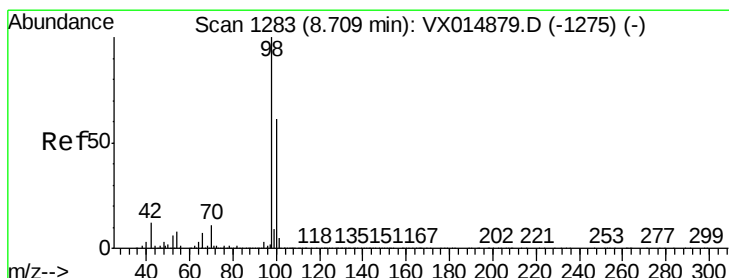
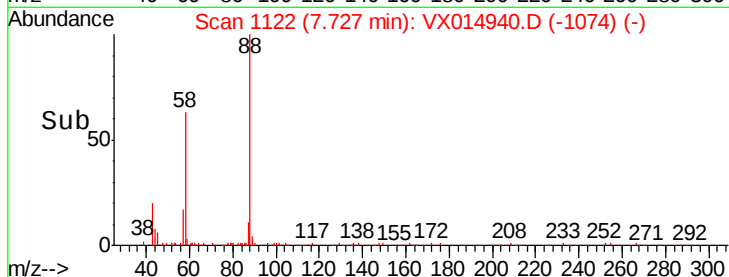
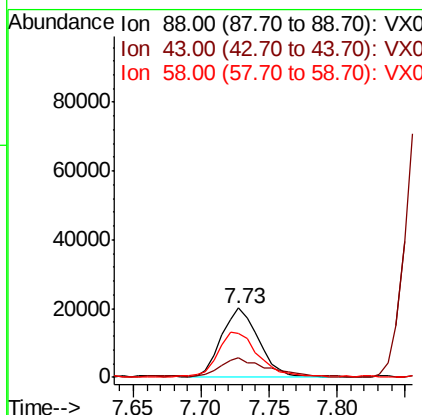
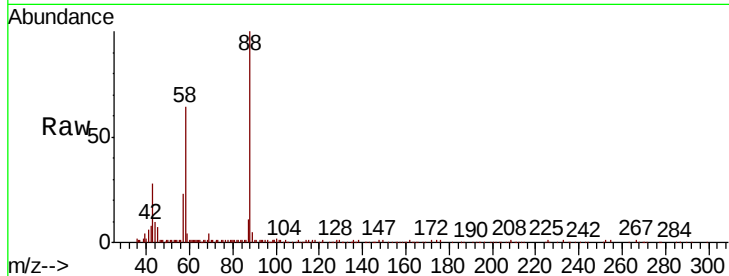
#49
1,4-Dioxane
Concen: 427.465 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.0	40.4
58	69.6	53.2	79.8

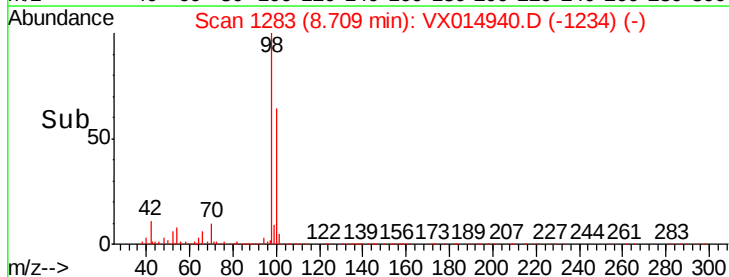
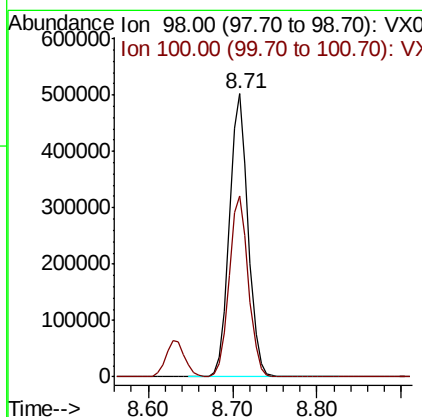
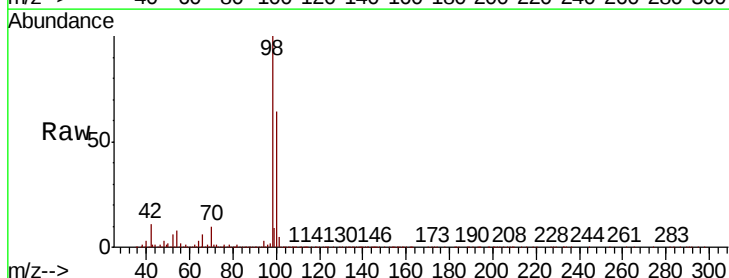
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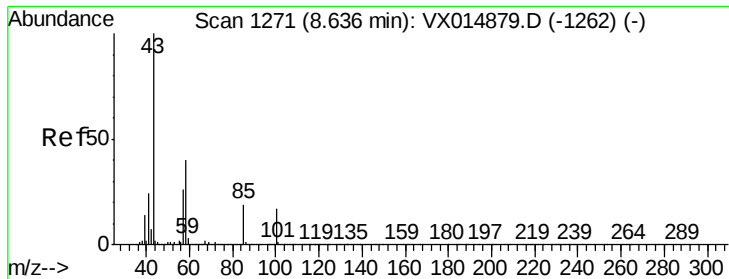
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#50
Toluene-d8
Concen: 50.229 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 99.144 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 43 Resp: 591646

Ion Ratio Lower Upper

43 100

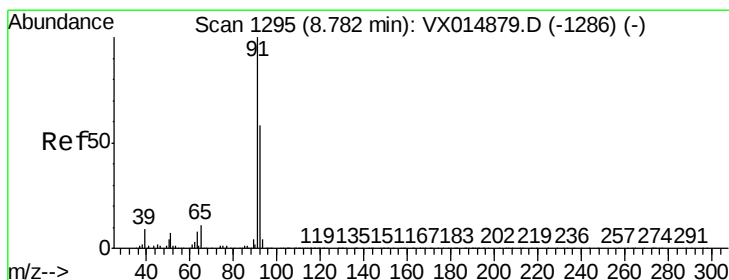
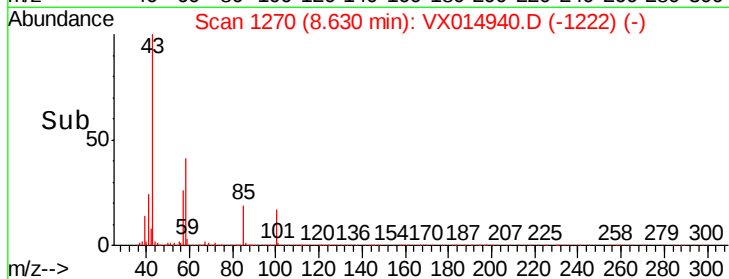
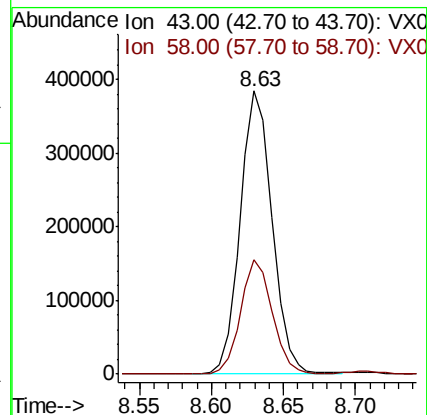
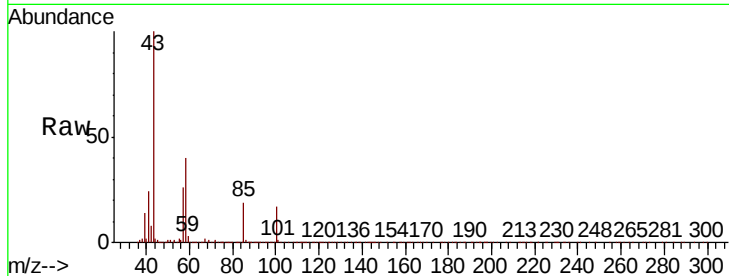
58 40.0 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 19.491 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014940.D

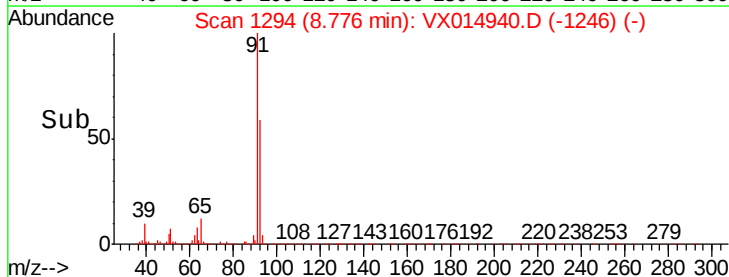
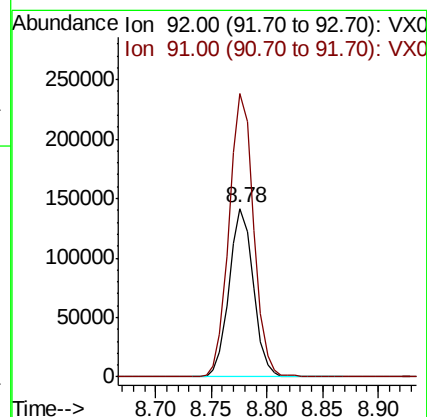
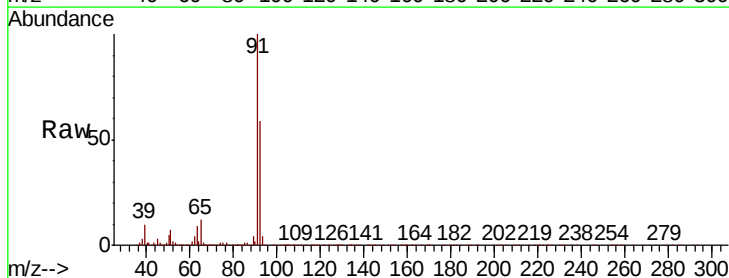
Acq: 14 Feb 2020 11:07

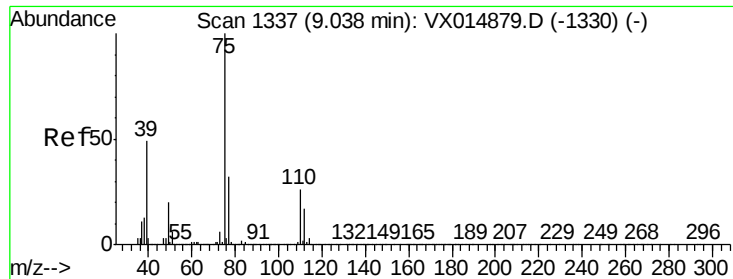
Tgt Ion: 92 Resp: 212460

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.4





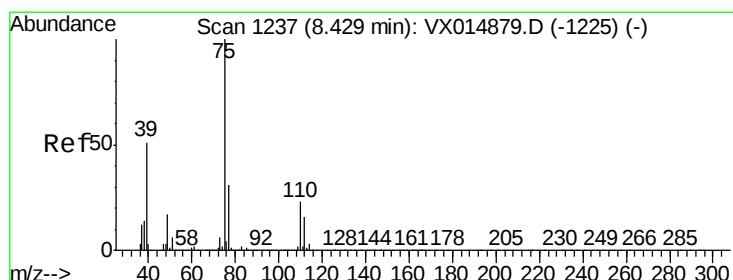
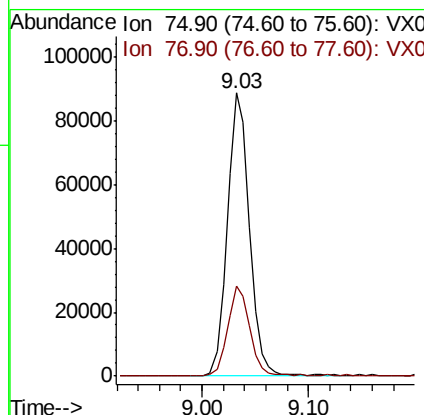
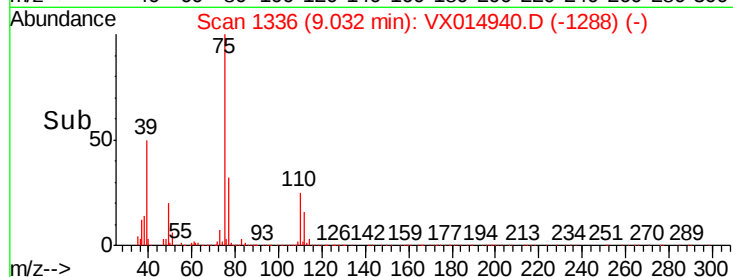
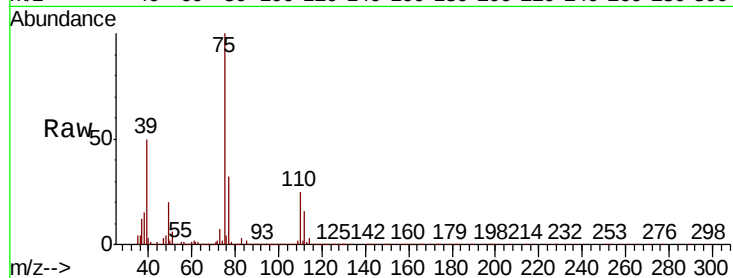
#53
t-1,3-Dichloropropene
Concen: 19.596 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion: 75 Resp: 127402
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3

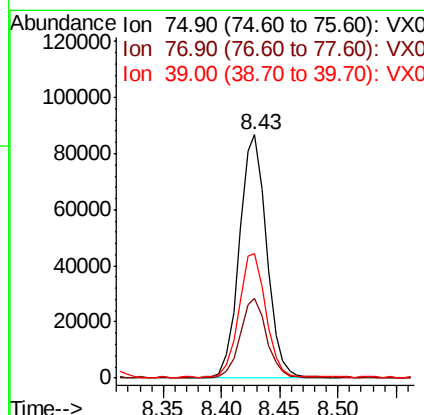
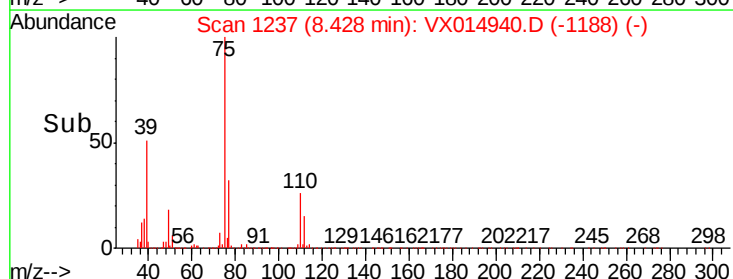
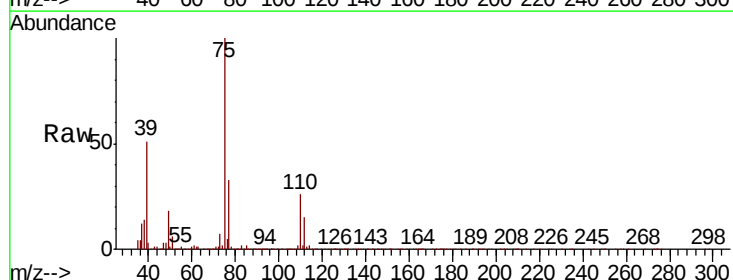
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#54
cis-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 75 Resp: 141543
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 50.4 40.9 61.3





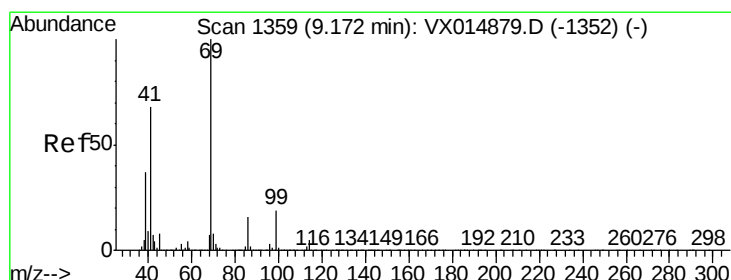
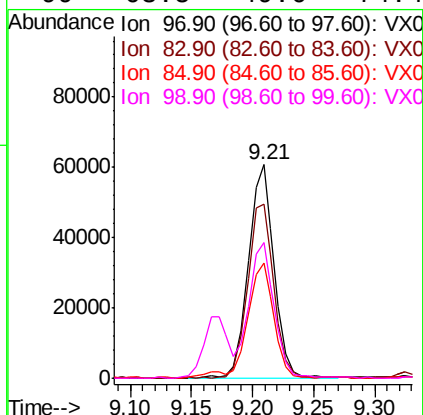
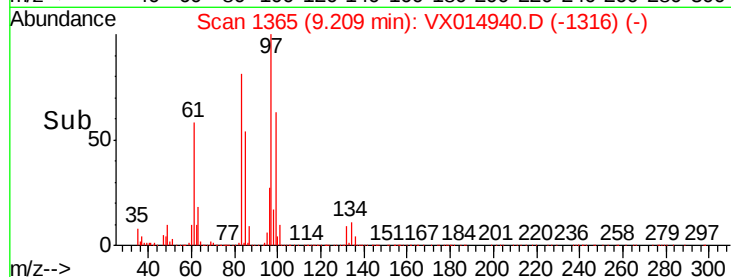
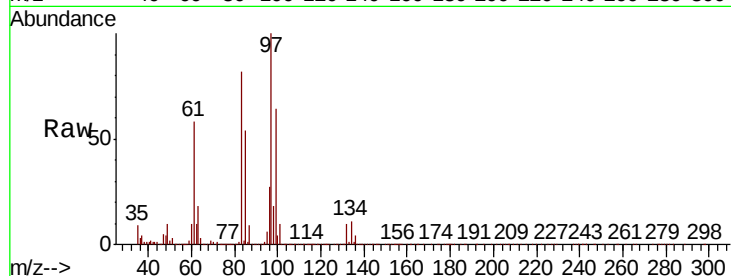
#55
 1,1,2-Trichloroethane
 Concen: 19.933 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		87909		
83	81.3	66.6	99.8		
85	53.9	43.5	65.3		
99	63.5	49.6	74.4		

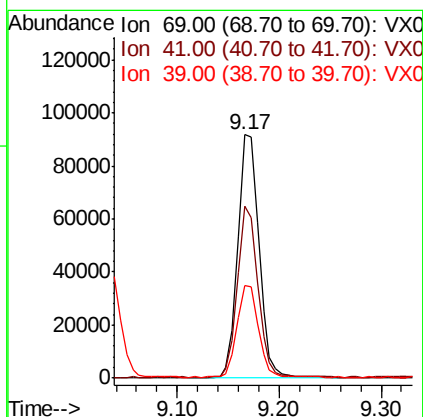
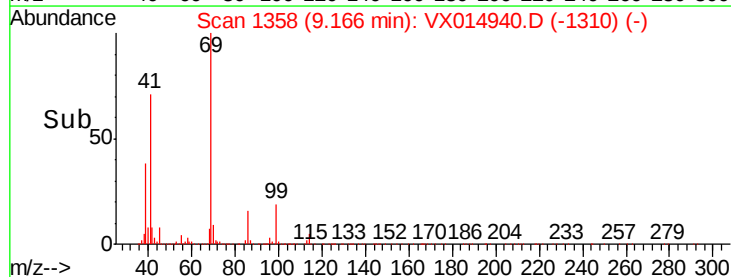
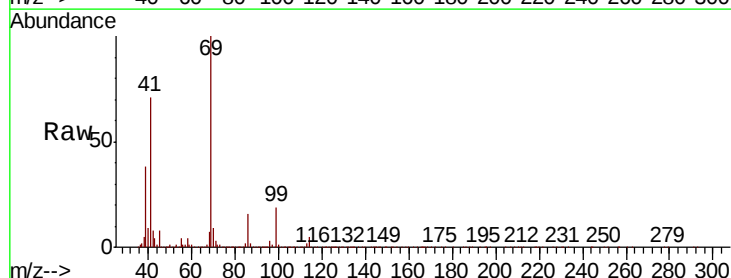
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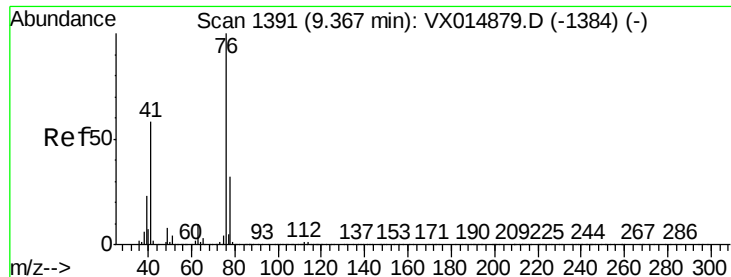
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#56
 Ethyl methacrylate
 Concen: 19.738 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		130837		
41	68.2	54.8	82.2		
39	38.3	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 19.885 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 76 Resp: 147620

Ion Ratio Lower Upper

76 100

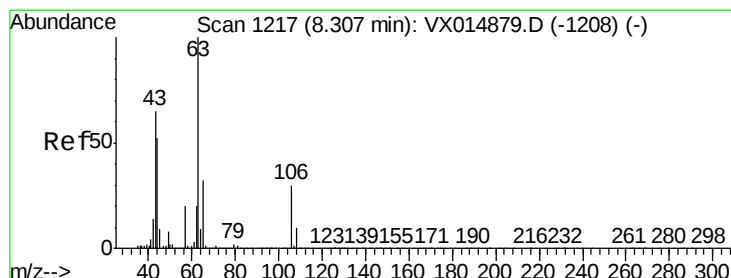
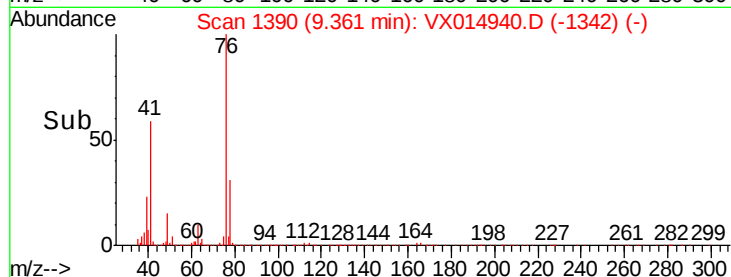
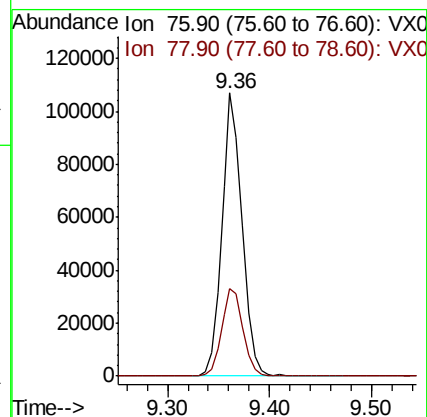
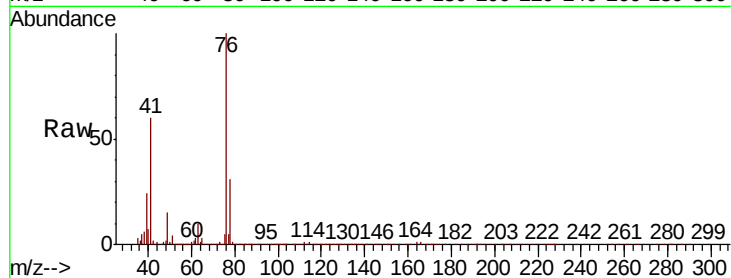
78 32.6 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.054 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014940.D

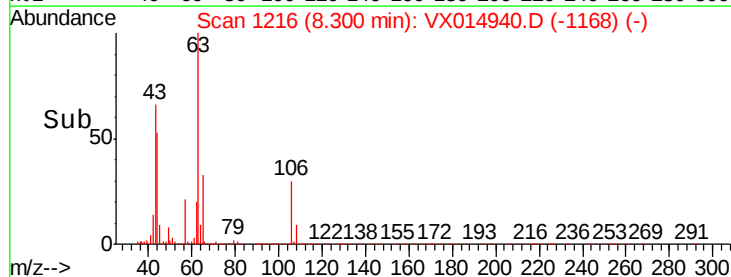
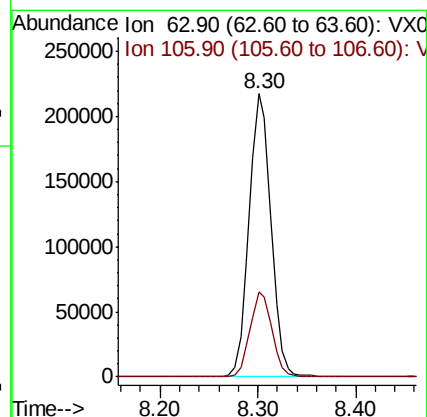
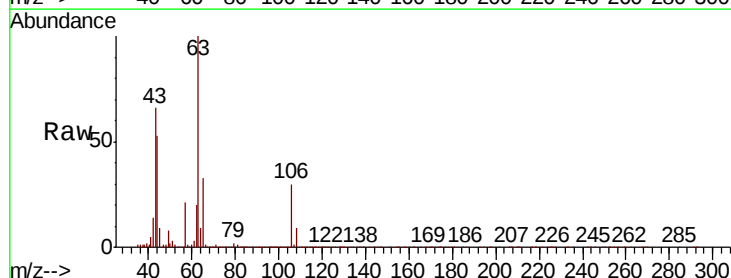
Acq: 14 Feb 2020 11:07

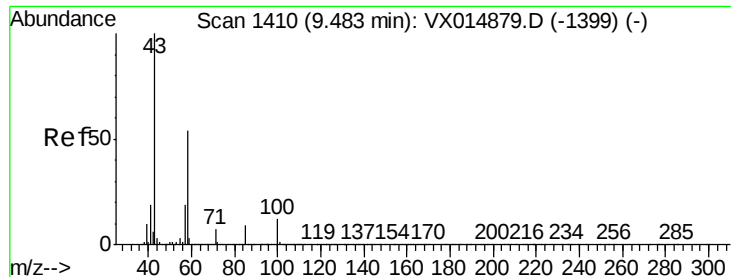
Tgt Ion: 63 Resp: 339928

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8





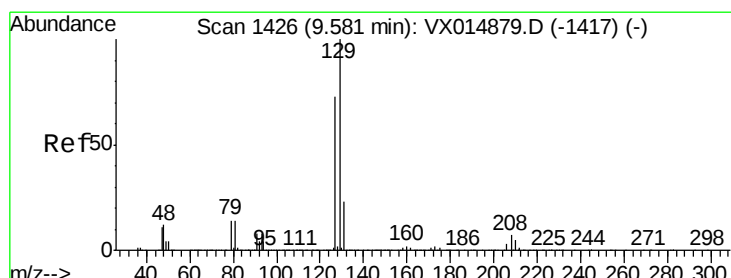
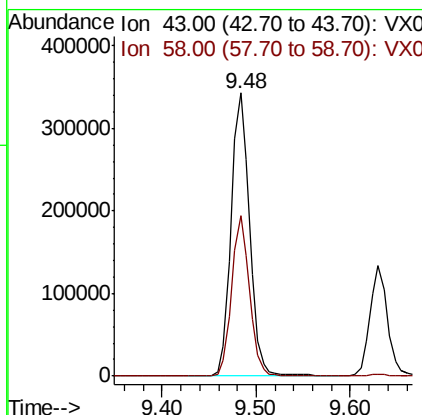
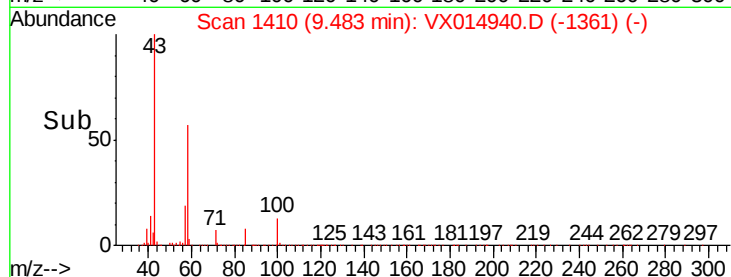
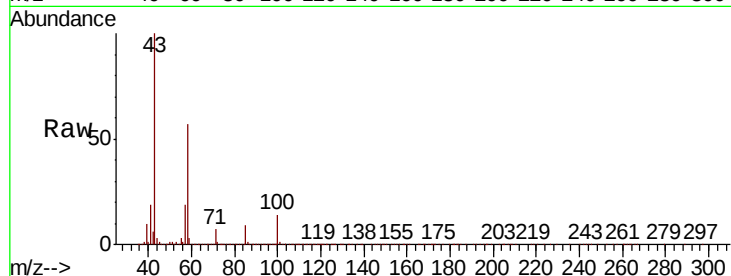
#59
2-Hexanone
Concen: 99.179 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	27.5	82.5

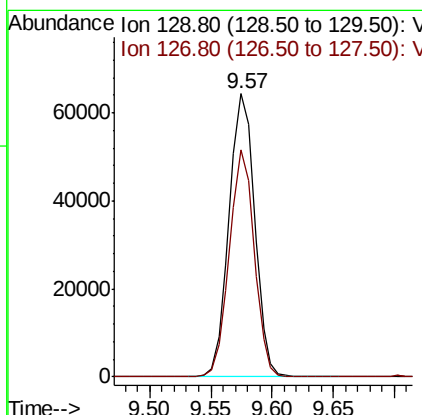
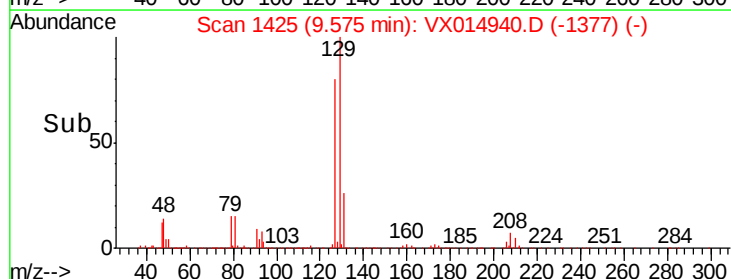
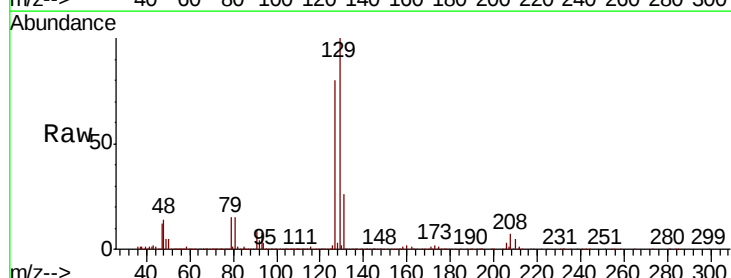
Manual Integrations
APPROVED

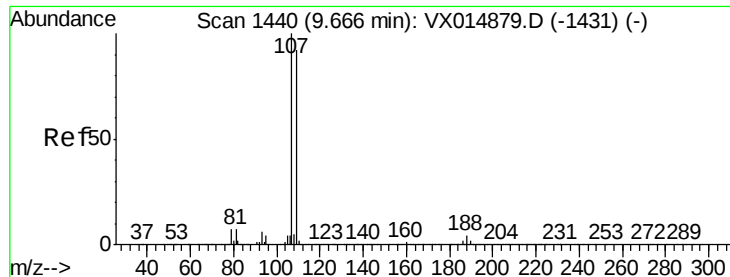
apatel
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#60
Dibromochloromethane
Concen: 19.785 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	37.8	113.3





#61

1,2-Dibromoethane

Concen: 18.922 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 107 Resp: 90037

Ion Ratio Lower Upper

107 100

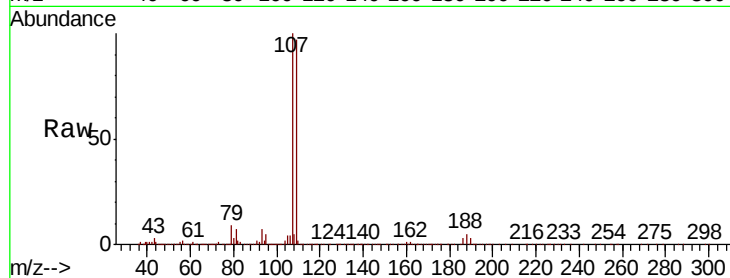
109 97.0 75.6 113.4

Manual Integrations

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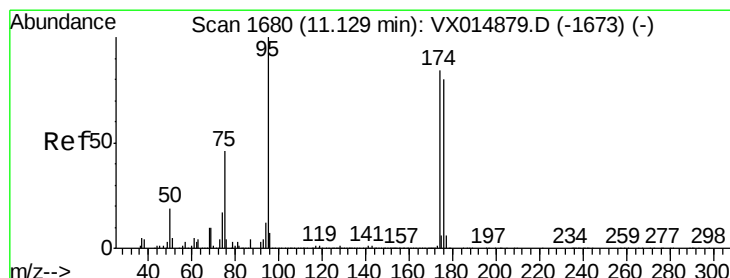
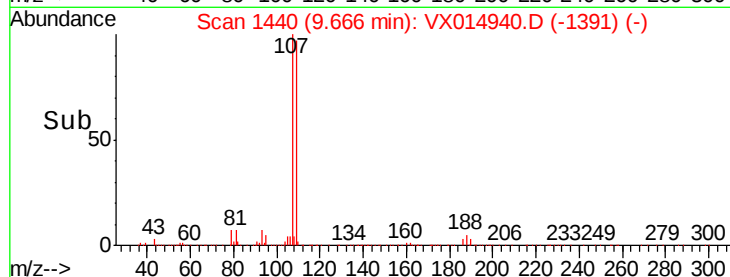
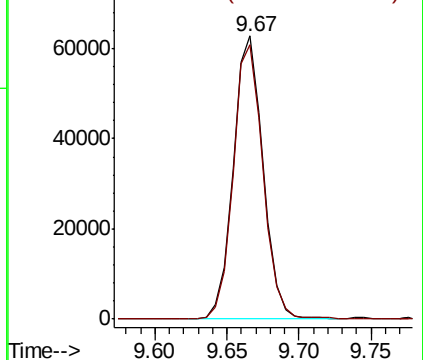
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.494 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

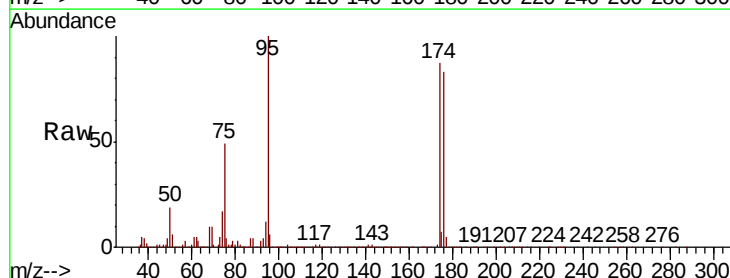
Tgt Ion: 95 Resp: 279522

Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.0

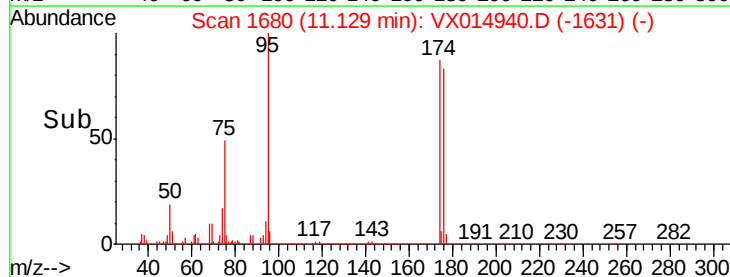
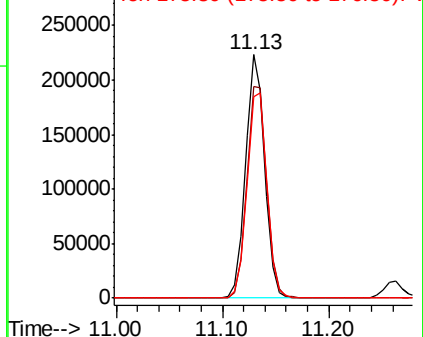
176 88.6 0.0 178.0

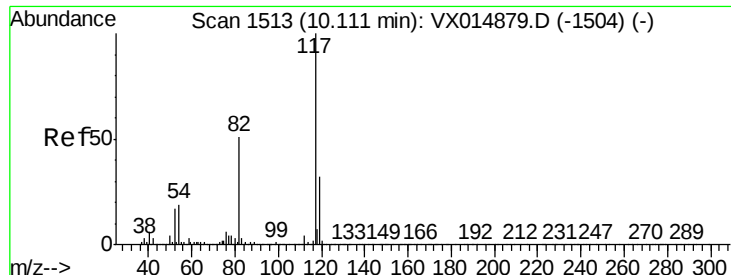


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





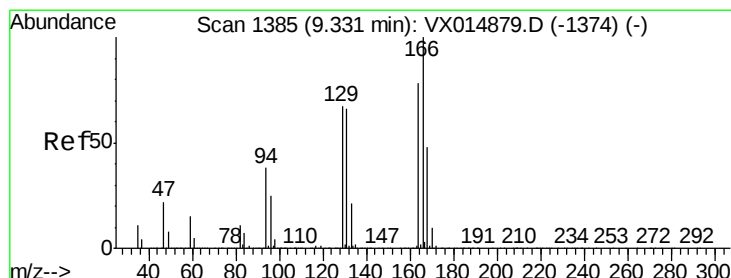
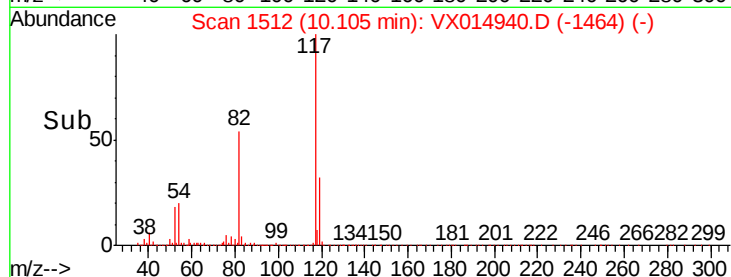
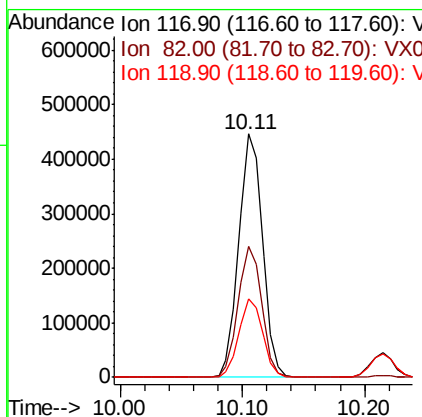
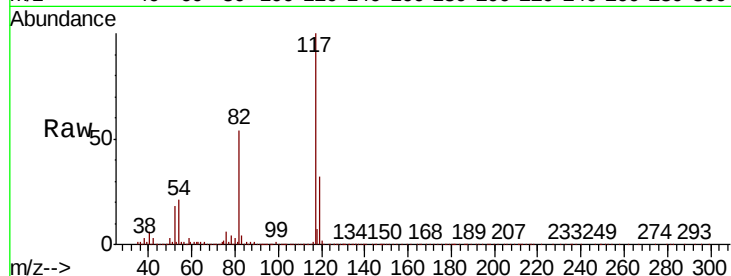
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.5	60.7
119	32.0	25.8	38.6

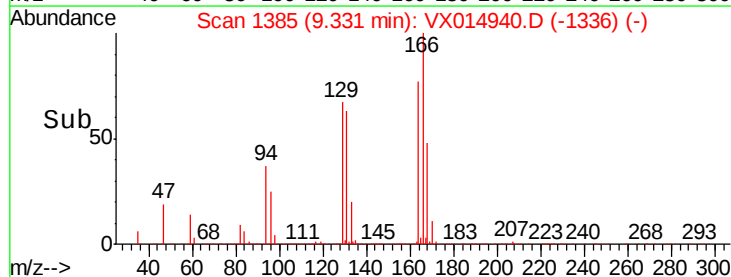
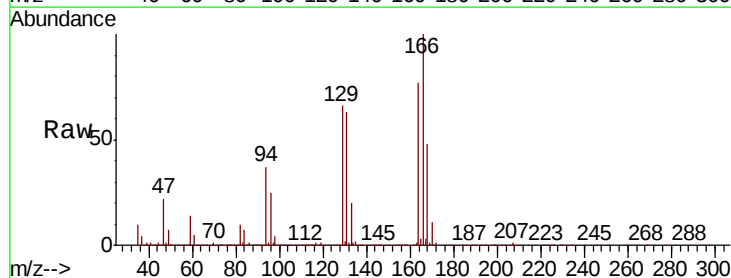
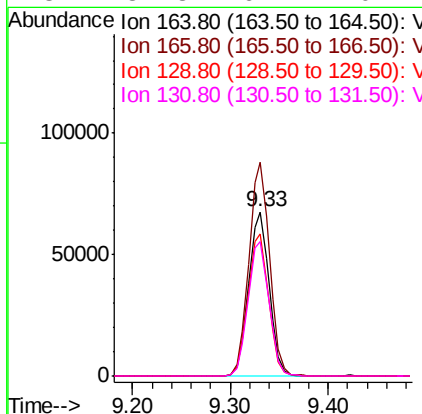
Manual Integrations
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#64
Tetrachloroethene
Concen: 17.618 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.6	153.8
129	86.1	68.3	102.5
131	81.3	67.4	101.2





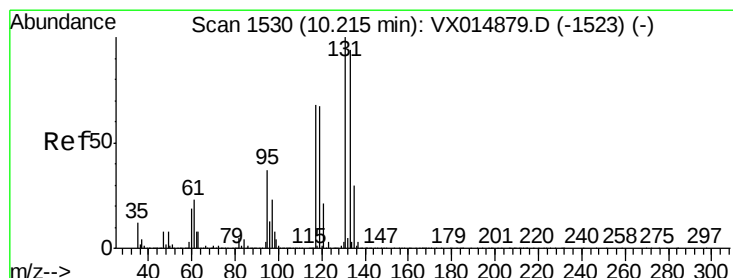
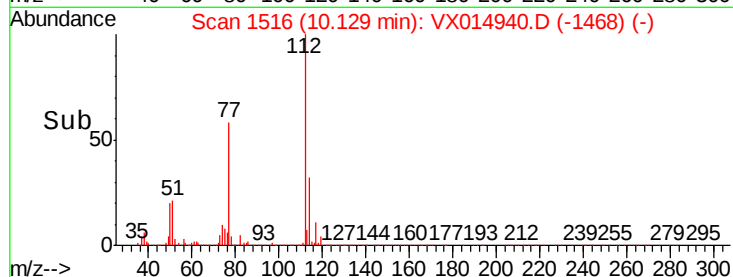
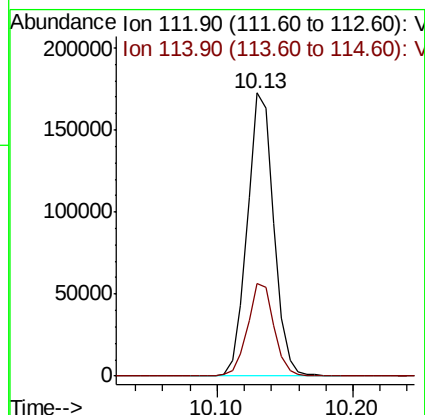
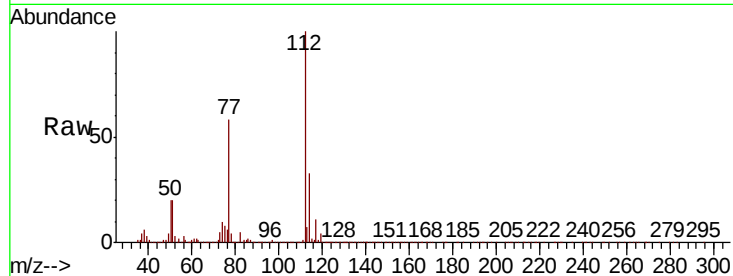
#65
Chlorobenzene
Concen: 19.375 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion:112 Resp: 235083
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4

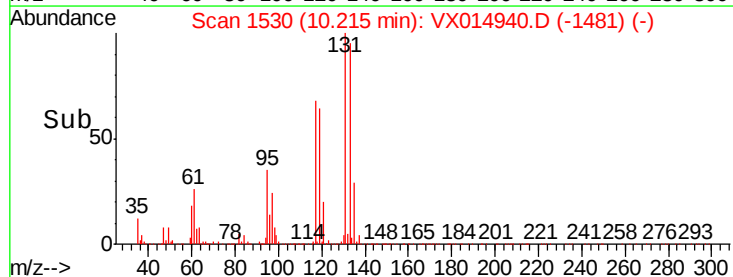
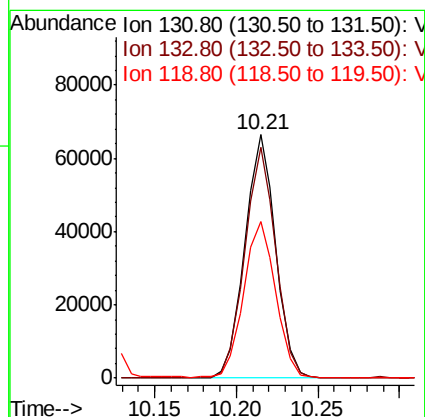
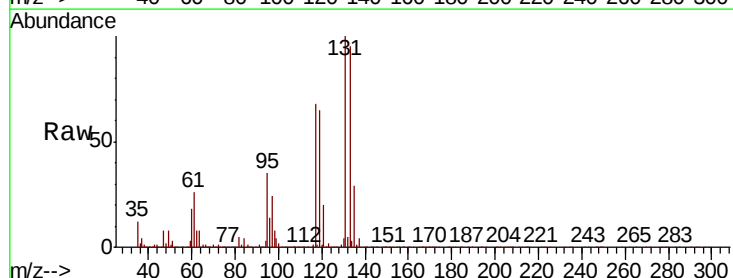
Manual Integrations
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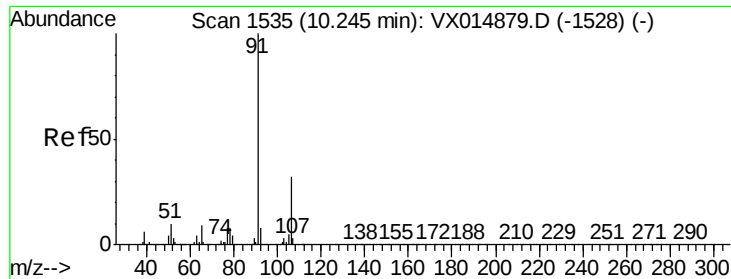
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion:131 Resp: 86897
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 67.5 33.0 99.0





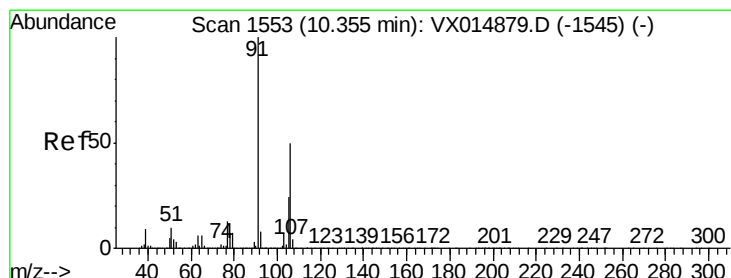
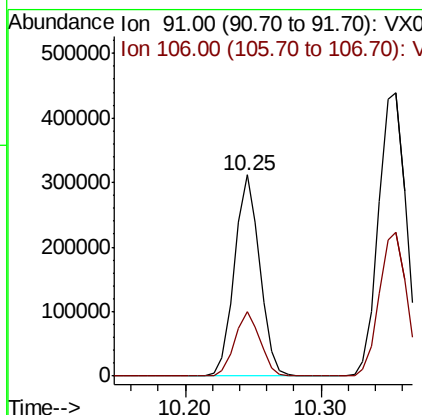
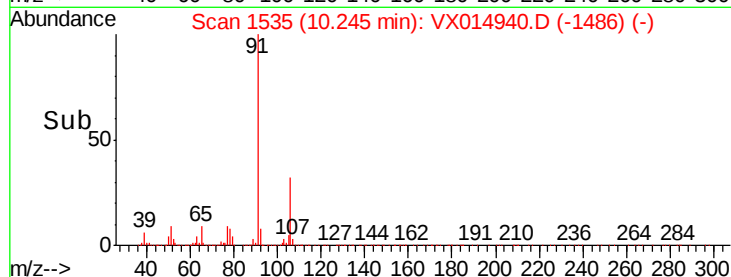
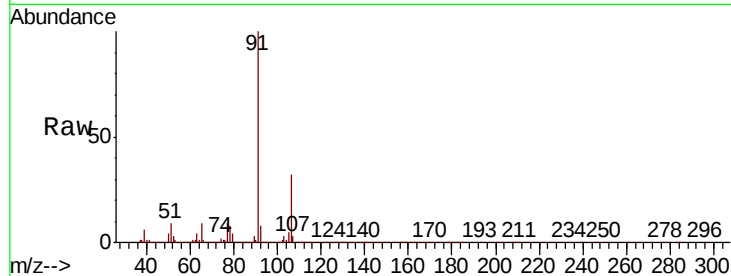
#67
Ethyl Benzene
Concen: 19.507 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleID :
VX0214WBSD01

Tot Ion: 91 Resp: 402528
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

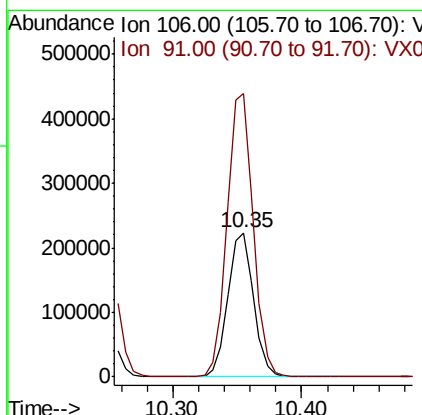
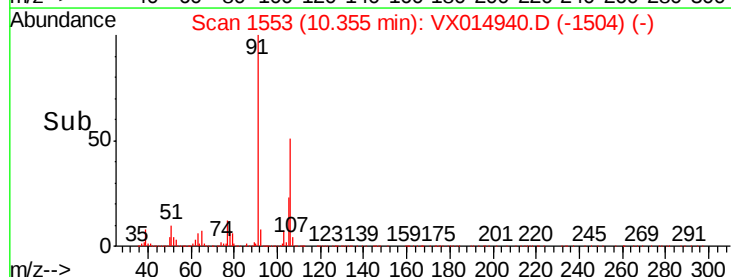
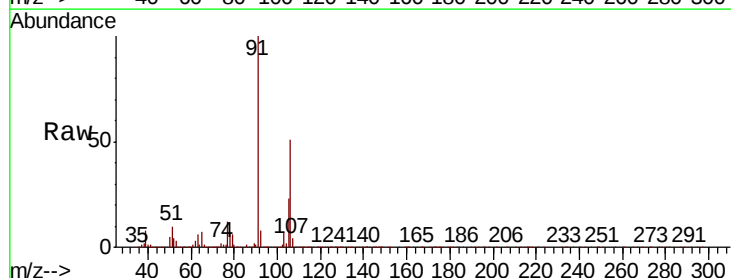
Manual Integrations
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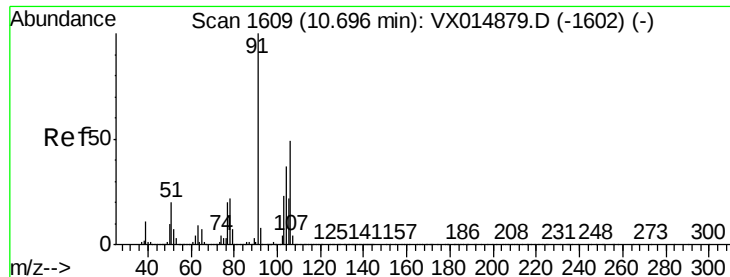
apatel
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#68
m/p-Xylenes
Concen: 39.205 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 106 Resp: 311649
Ion Ratio Lower Upper
106 100
91 200.3 160.6 240.8





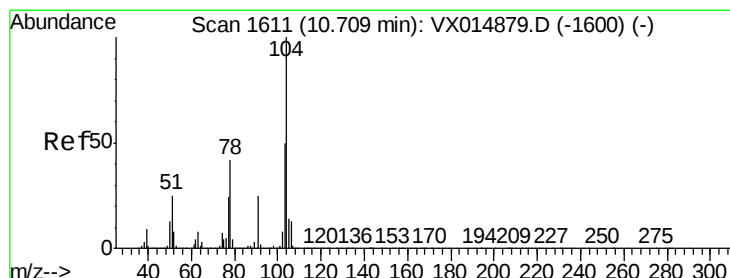
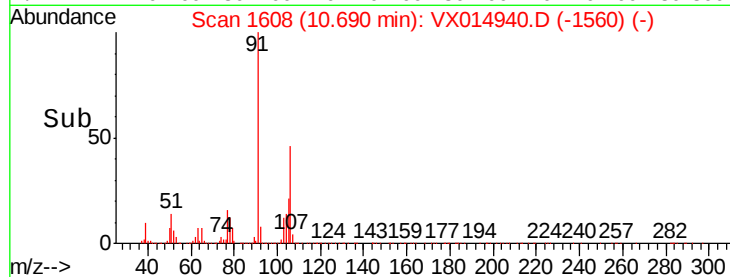
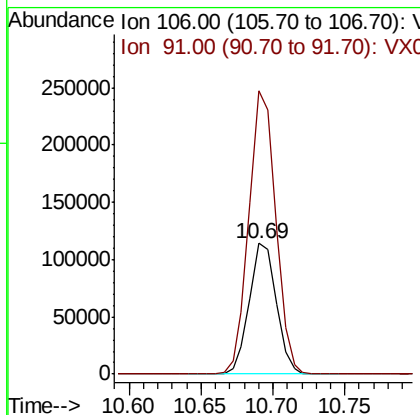
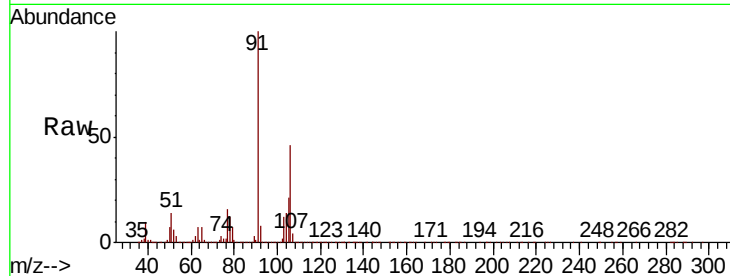
#69
o-Xylene
Concen: 19.440 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.7	105.1	315.3

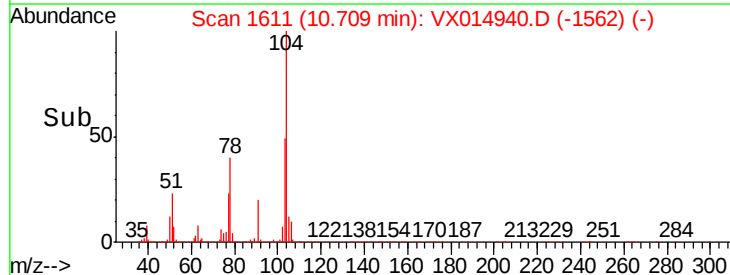
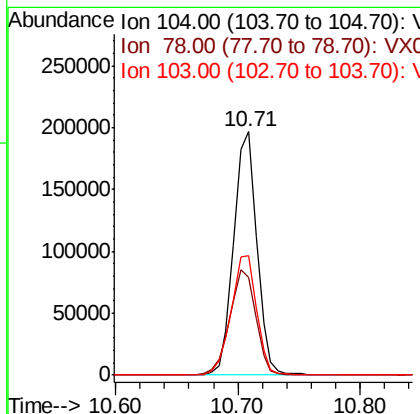
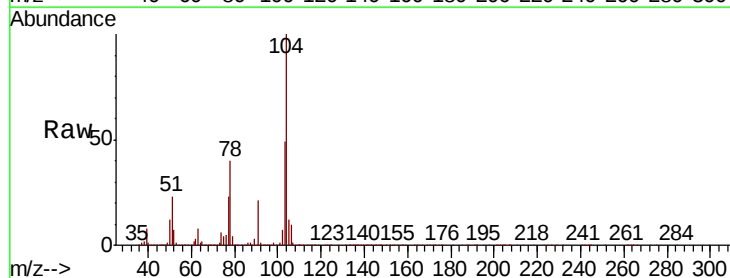
Manual Integrations
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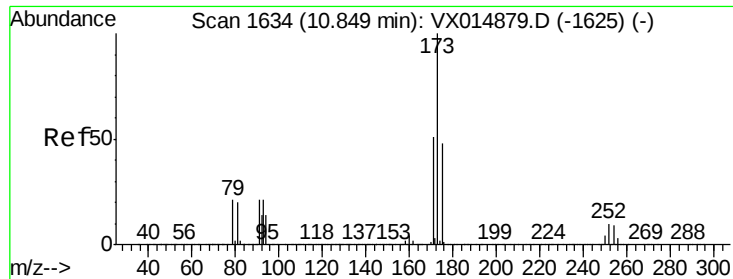
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#70
Styrene
Concen: 19.841 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	39.0	58.4
103	54.6	43.4	65.0





#71

Bromoform

Concen: 19.853 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

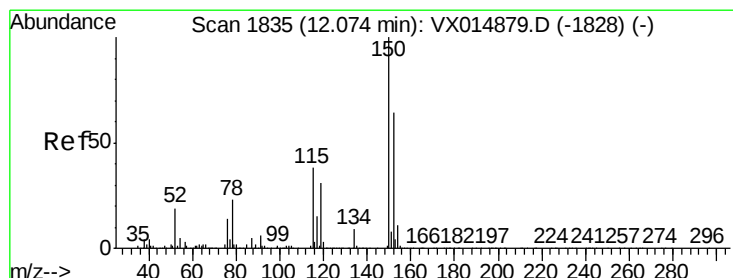
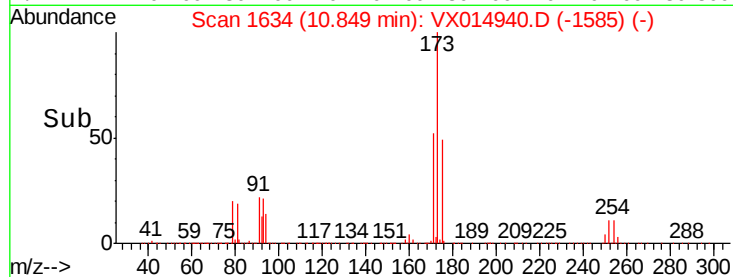
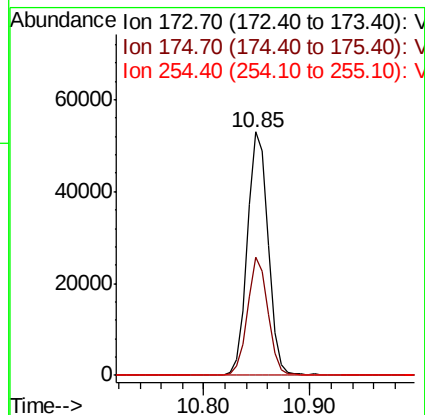
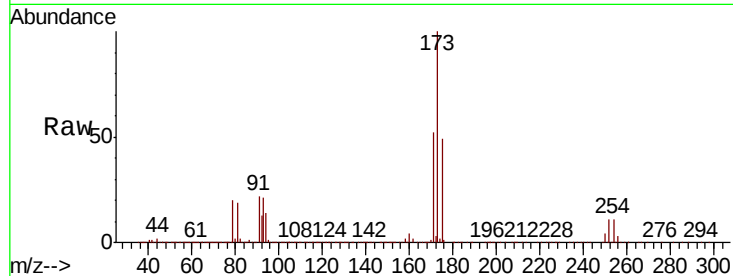
ClientSampleId :

VX0214WBSD01

Tot Ion:	173	Resp:	72994
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.2	72.6
254	0.4	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

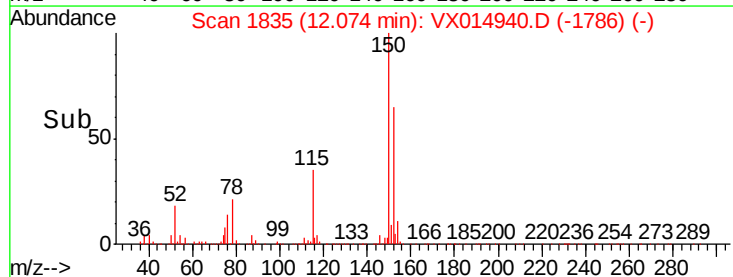
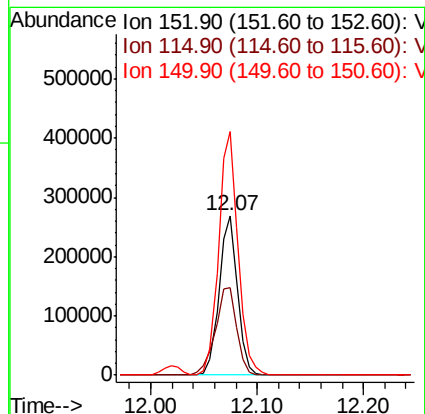
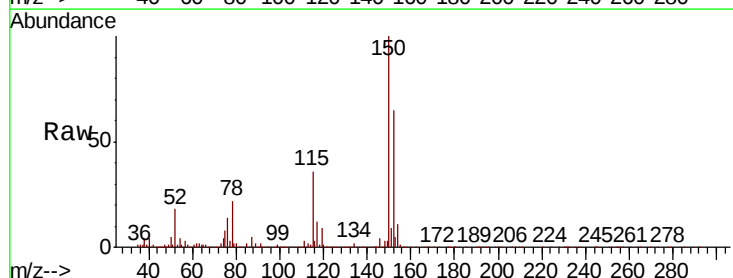
RT: 12.07 min Scan# 1835

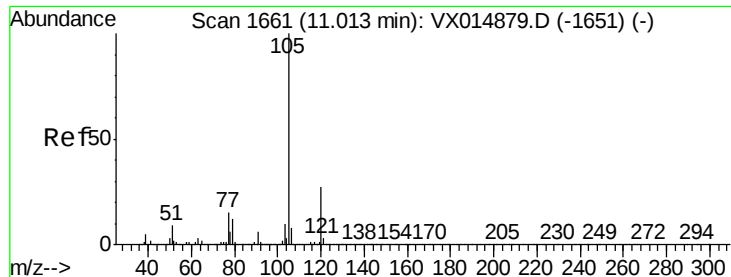
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	152	Resp:	318137
Ion Ratio	Lower	Upper	
152	100		
115	63.8	38.6	116.0
150	161.9	0.0	349.0





#73

Isopropylbenzene

Concen: 20.130 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tot Ion: 105 Resp: 401613

Ion Ratio Lower Upper

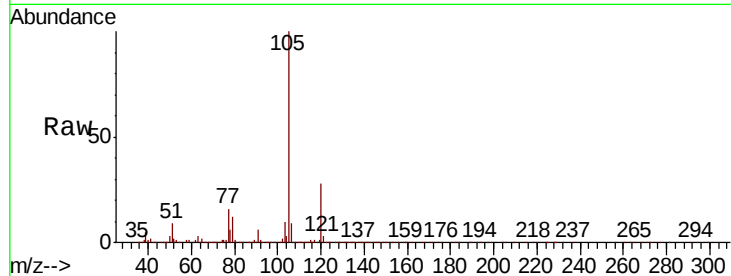
105 100

120 27.3 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

300000

200000

100000

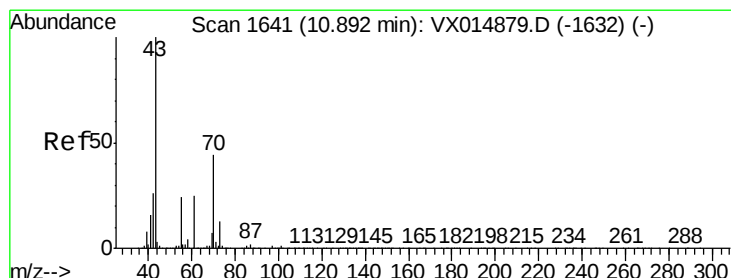
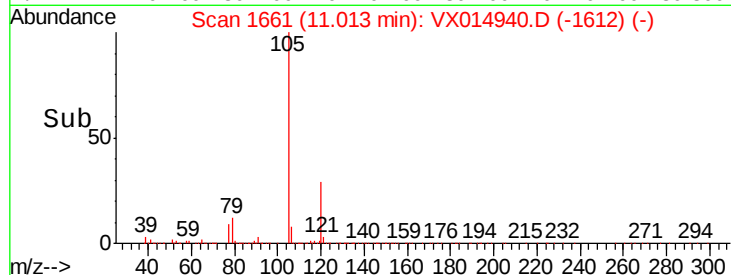
0

Time-->

10.90

11.00

11.10



#74

N-ethyl acetate

Concen: 20.011 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion: 43 Resp: 165881

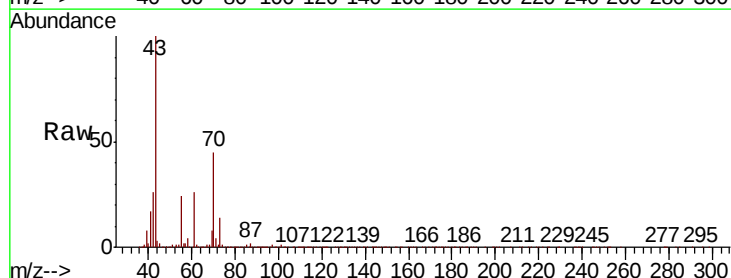
Ion Ratio Lower Upper

43 100

70 43.9 35.0 52.4

55 24.1 19.4 29.2

61 25.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

150000

100000

50000

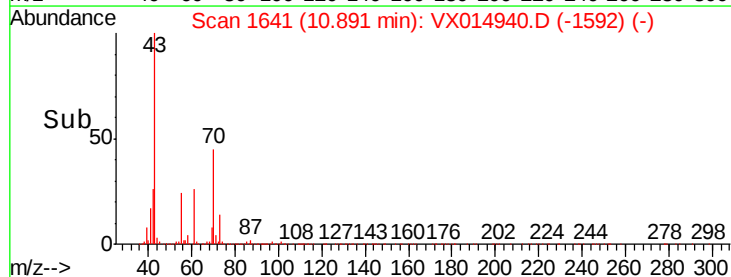
0

Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.747 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

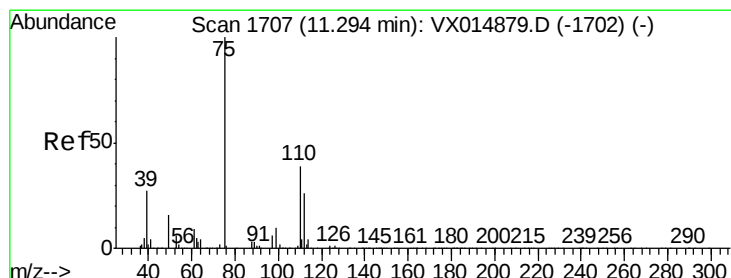
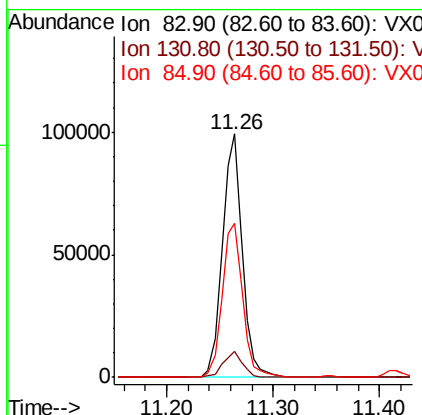
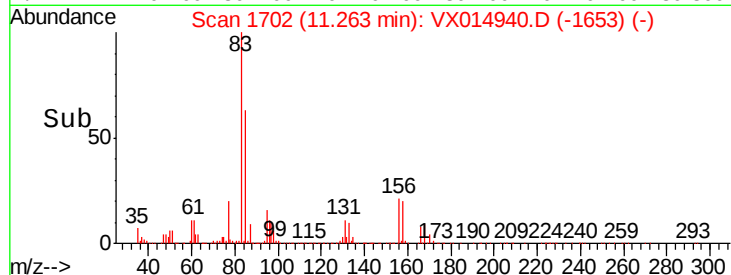
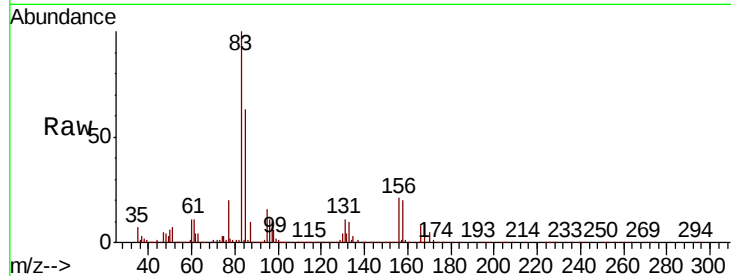
ClientSampled :

VX0214WBSD01

Tot Ion:	83	Resp:	128785
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.9	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.163 ug/l m

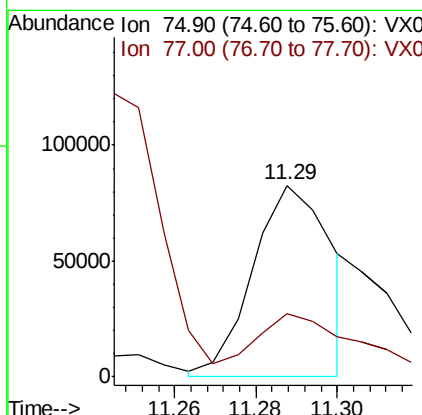
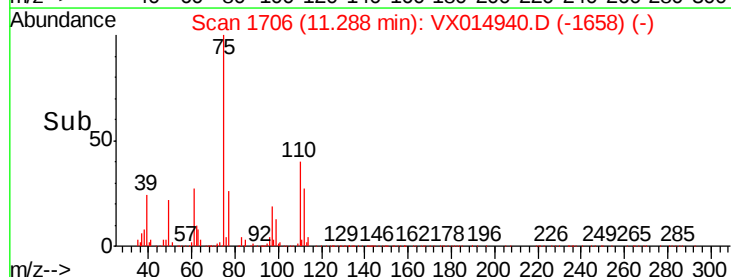
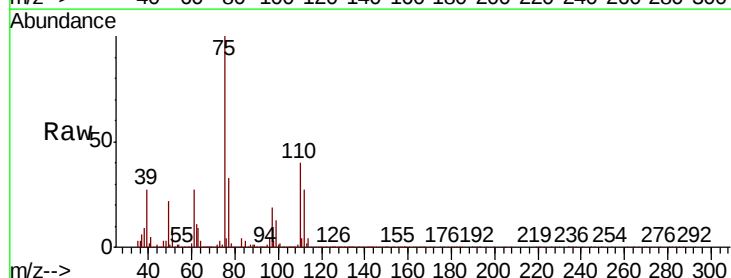
RT: 11.29 min Scan# 1706

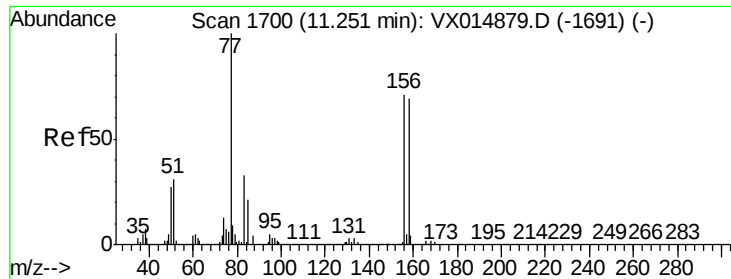
Delta R.T. -0.01 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	75	Resp:	110244
Ion Ratio	Lower	Upper	
75	100		
77	43.5	18.4	55.0





#77

Bromobenzene

Concen: 19.888 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

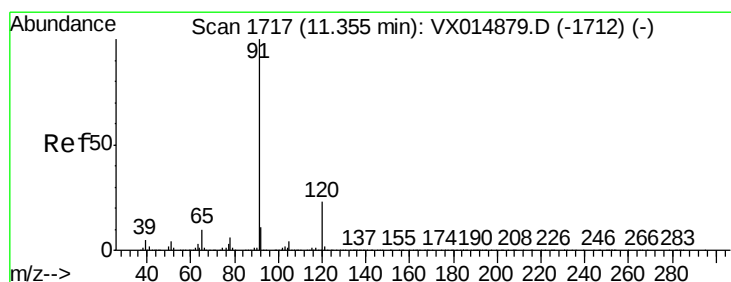
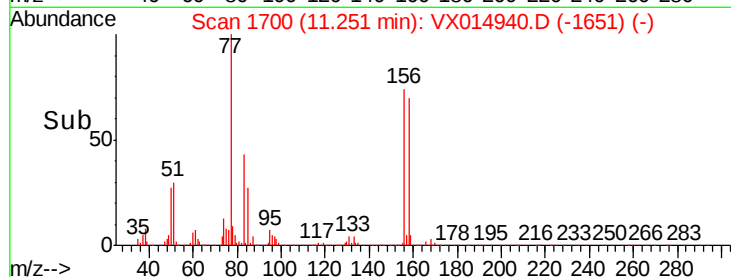
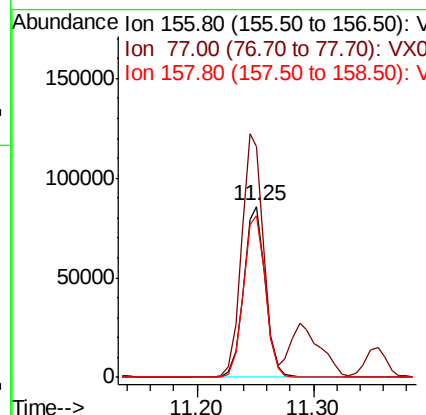
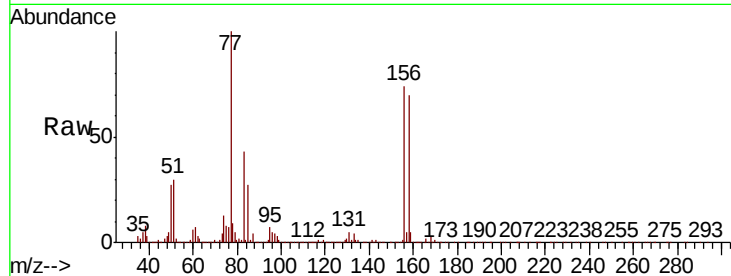
ClientSampleId :

VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.0	74.0	222.0
158	96.5	48.9	146.6

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#78

n-propylbenzene

Concen: 19.762 ug/l

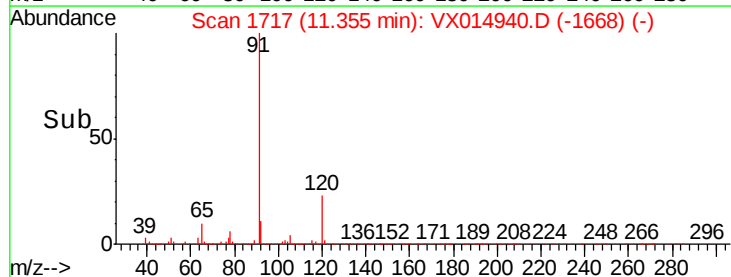
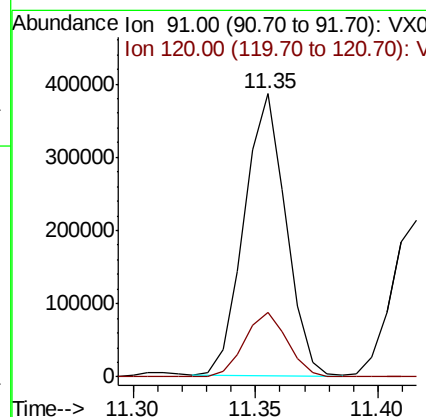
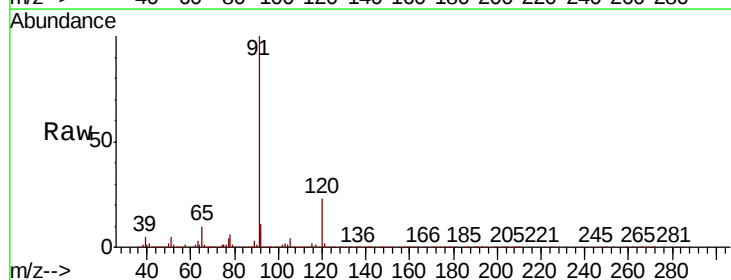
RT: 11.35 min Scan# 1717

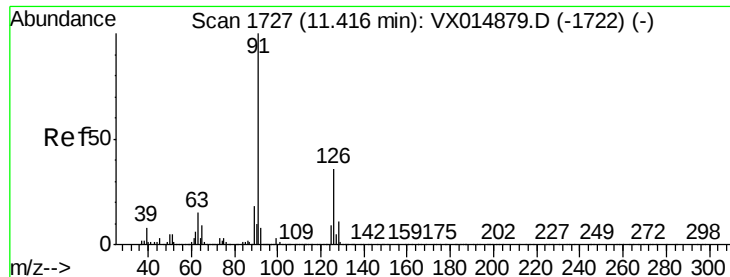
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.4





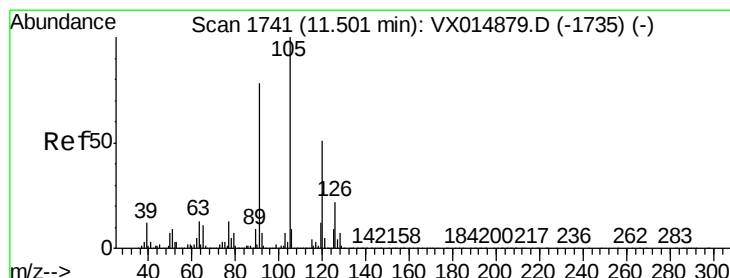
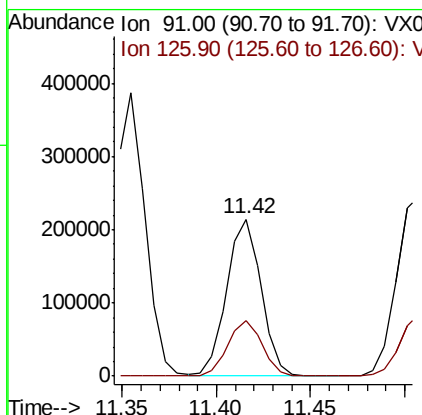
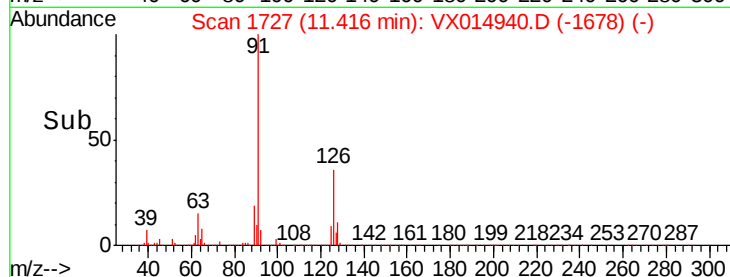
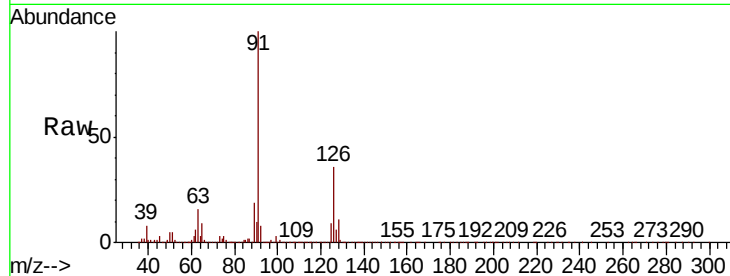
#79
2-Chlorotoluene
Concen: 19.926 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion: 91 Resp: 270308
Ion Ratio Lower Upper
91 100
126 35.7 18.0 54.0

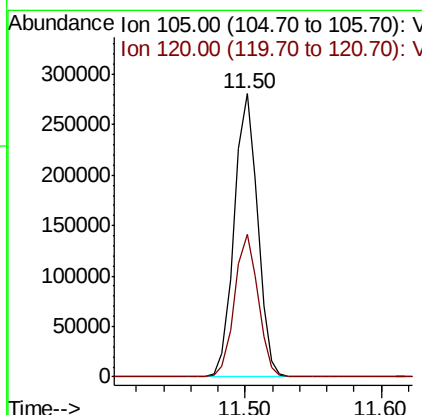
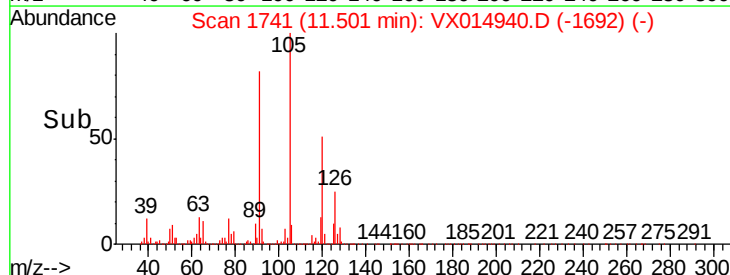
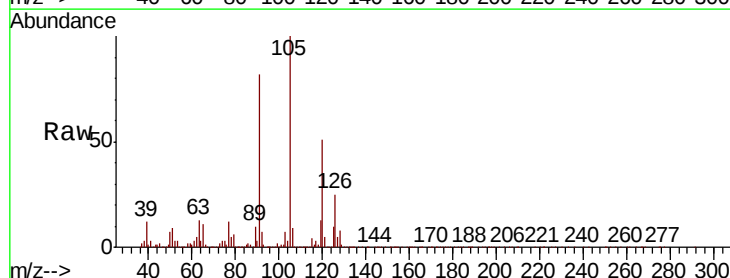
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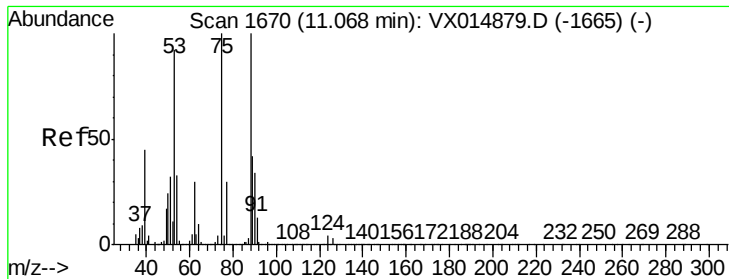
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#80
1,3,5-Trimethylbenzene
Concen: 20.180 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion: 105 Resp: 336399
Ion Ratio Lower Upper
105 100
120 50.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.527 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

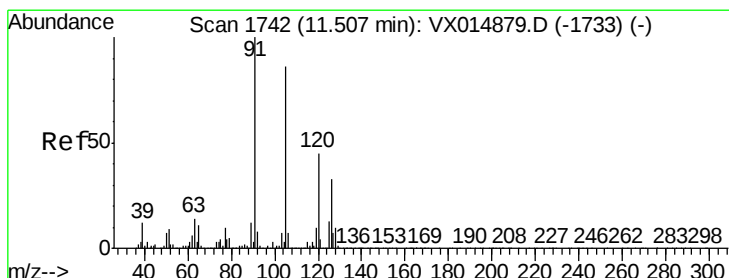
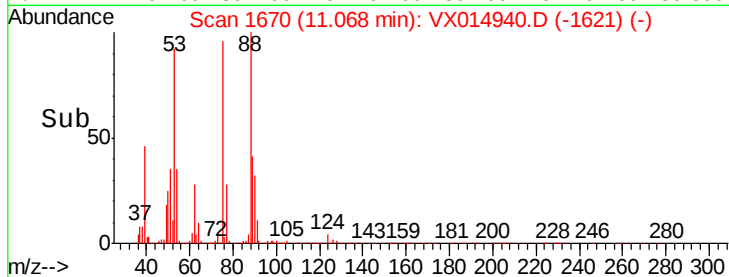
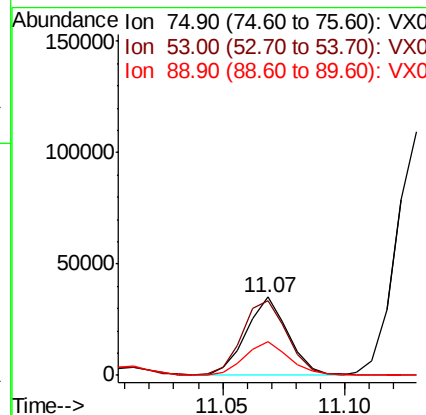
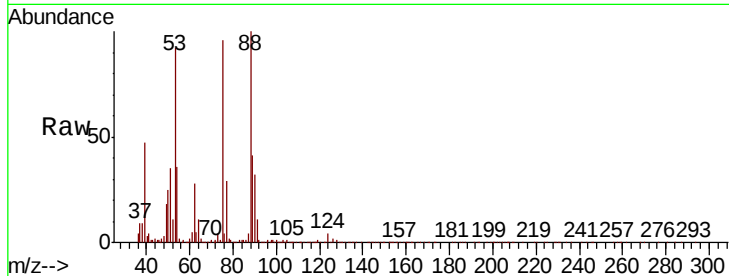
ClientSampleId :

VX0214WBSD01

Tot Ion:	75	Resp:	41639
Ion Ratio	Lower	Upper	
75	100		
53	102.2	76.2	114.2
89	44.0	35.8	53.6

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#82

4-Chlorotoluene

Concen: 19.366 ug/l

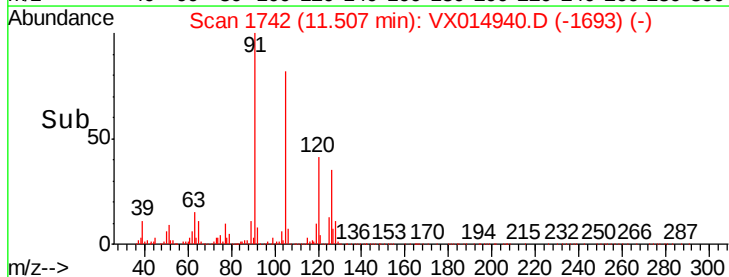
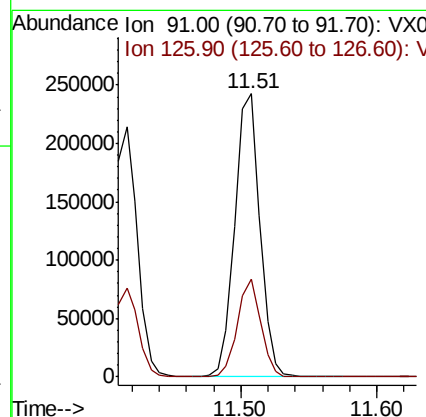
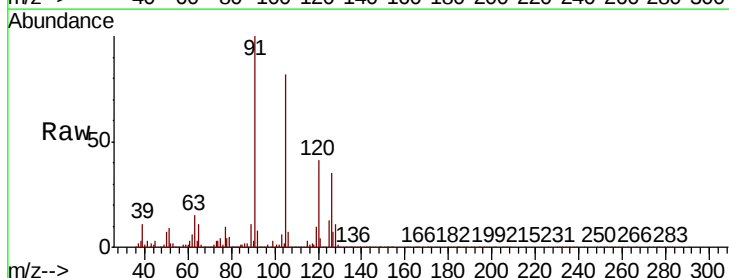
RT: 11.51 min Scan# 1742

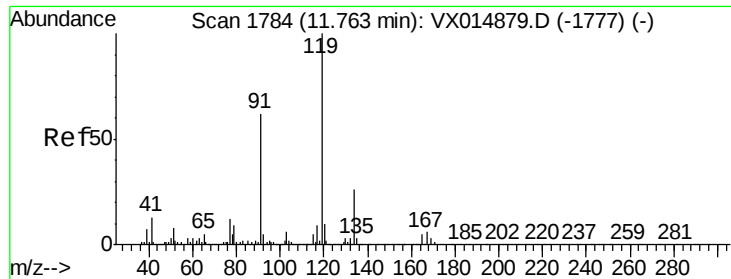
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	91	Resp:	311113
Ion Ratio	Lower	Upper	
91	100		
126	32.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 20.617 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

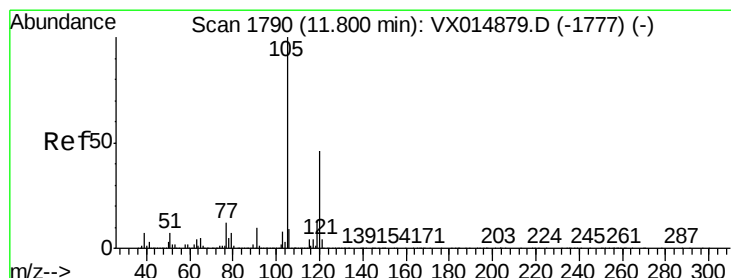
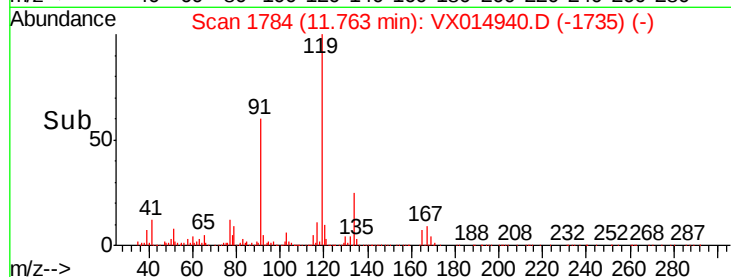
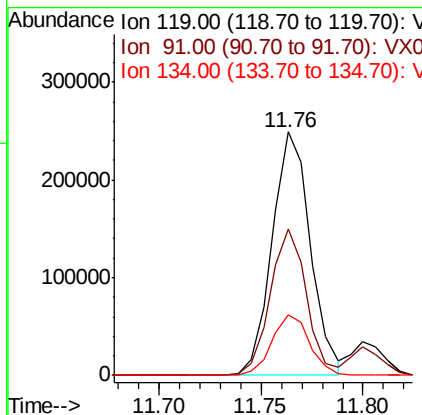
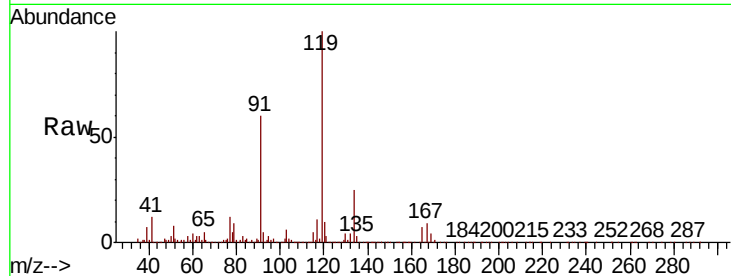
ClientSampleId :

VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	325451		
91	56.8	29.5	88.6	
134	24.4	12.6	37.6	

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#84

1,2,4-Trimethylbenzene

Concen: 20.033 ug/l

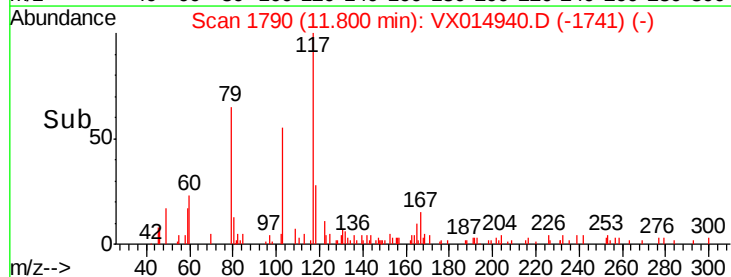
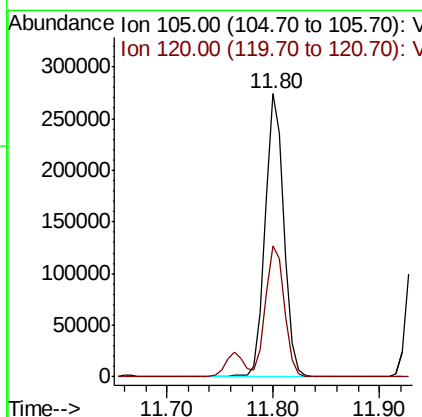
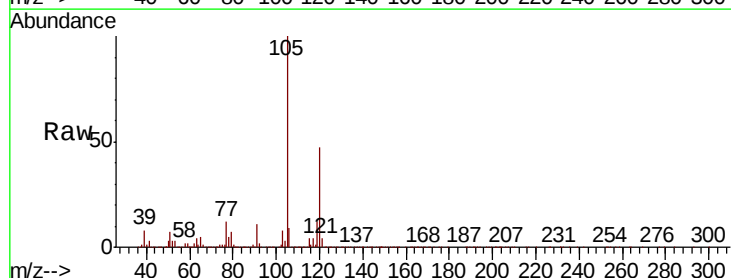
RT: 11.80 min Scan# 1790

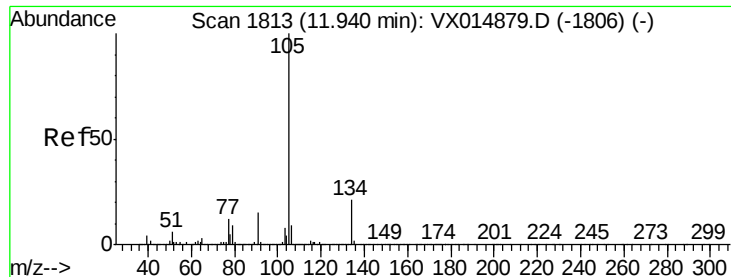
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336537		
120	46.4	23.0	69.0	





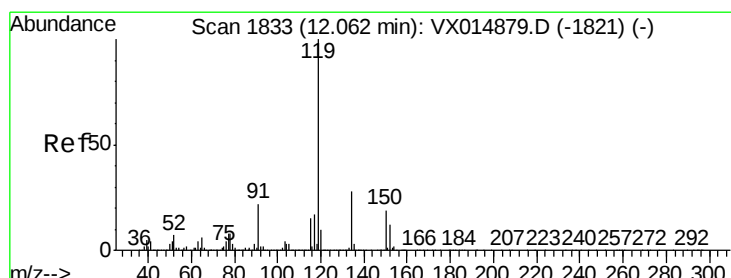
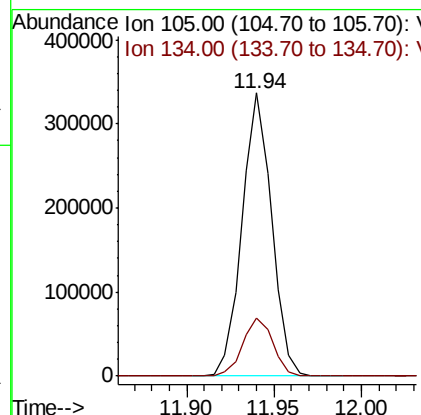
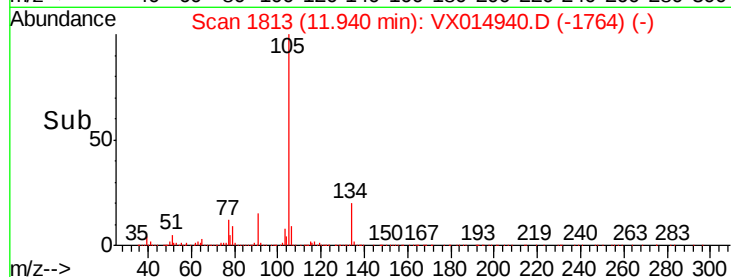
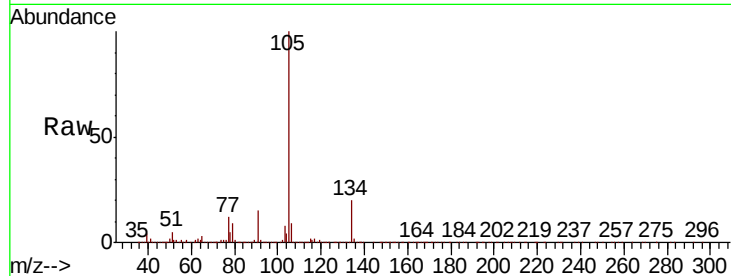
#85
 sec-Butylbenzene
 Concen: 20.145 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.6	31.8

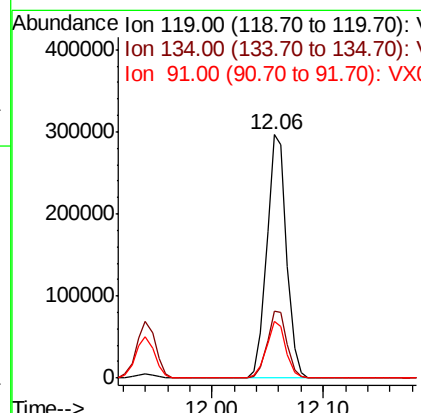
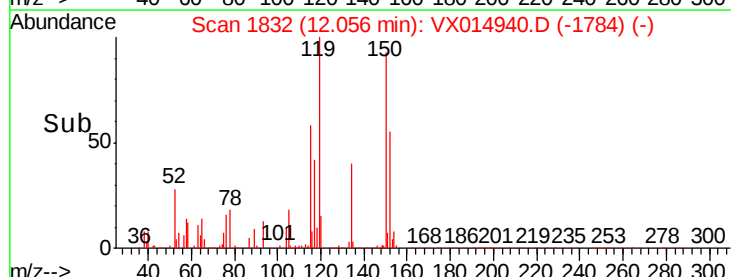
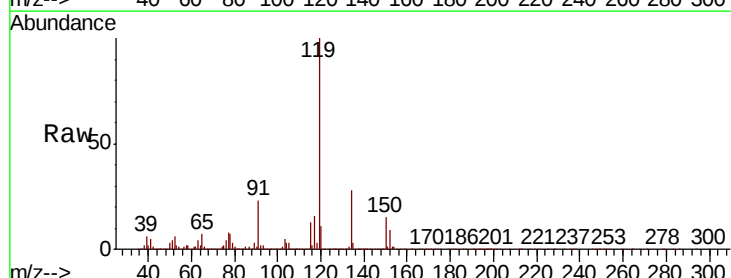
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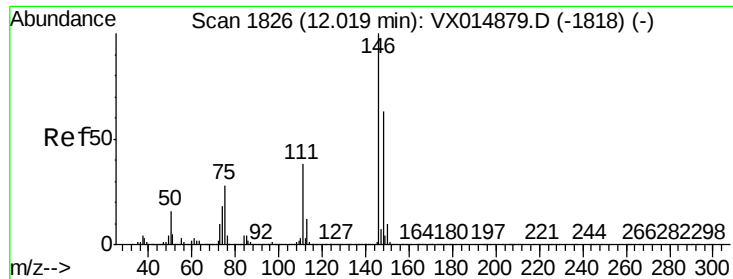
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#86
 p-Isopropyltoluene
 Concen: 20.035 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.5	40.5
91	23.0	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 19.554 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Instrument :

MSVOA_X

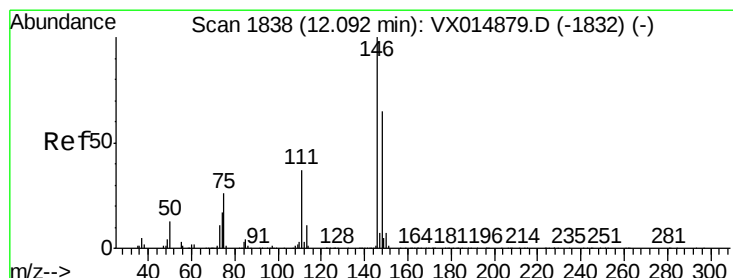
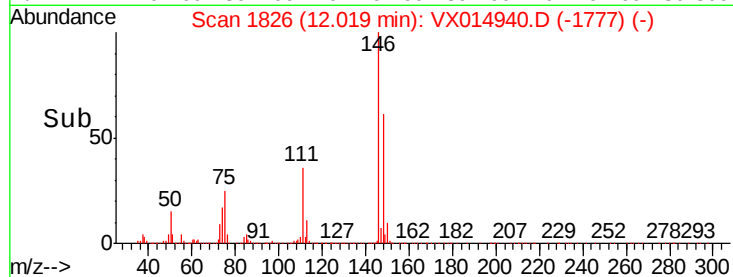
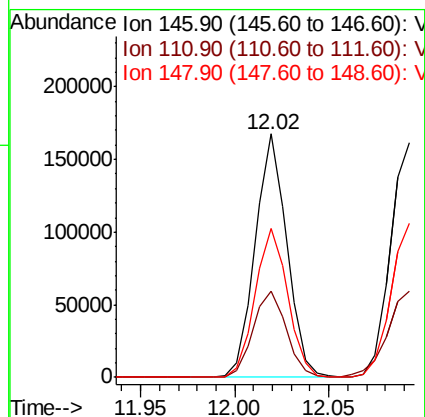
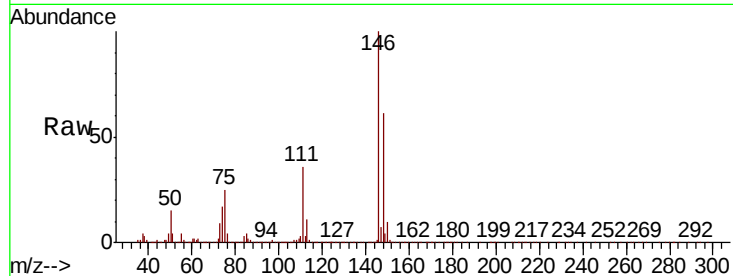
ClientSampleId :

VX0214WBSD01

Tot Ion:	146	Resp:	195342
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.6	56.0
148	63.1	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 19.222 ug/l

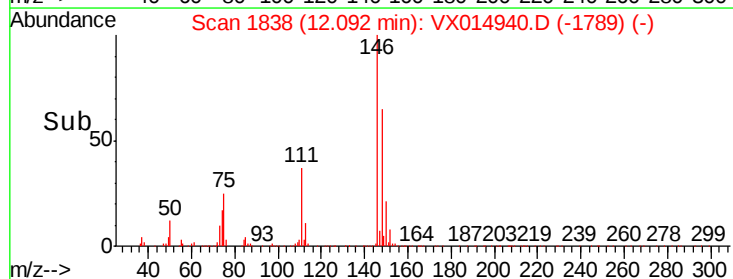
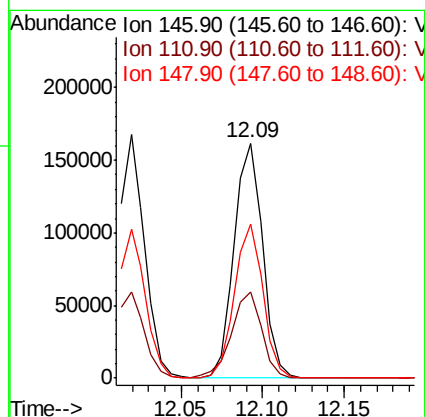
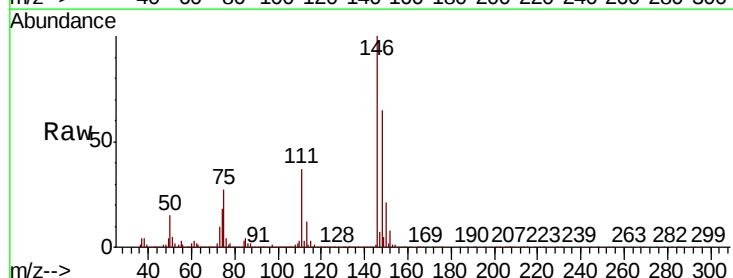
RT: 12.09 min Scan# 1838

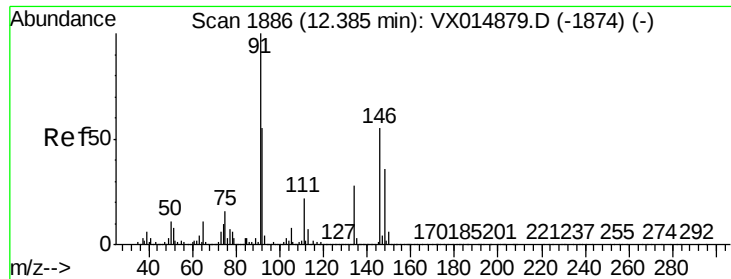
Delta R.T. -0.00 min

Lab File: VX014940.D

Acq: 14 Feb 2020 11:07

Tgt Ion:	146	Resp:	196095
Ion Ratio	Lower	Upper	
146	100		
111	39.0	18.6	55.6
148	65.0	32.4	97.0





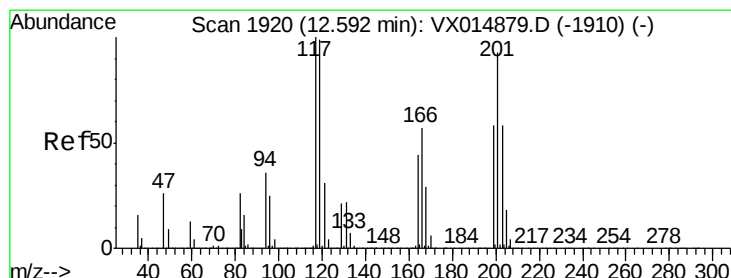
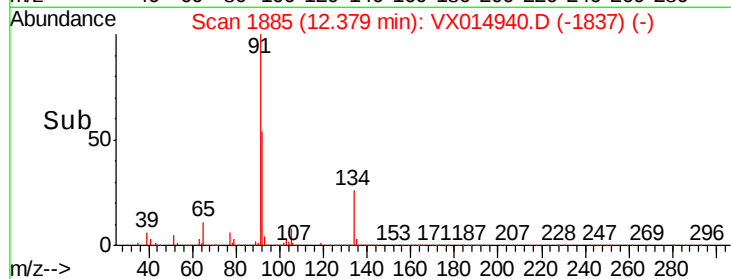
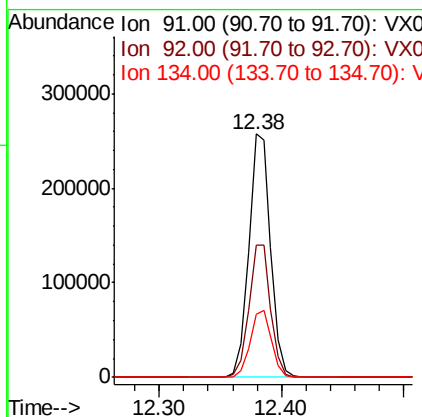
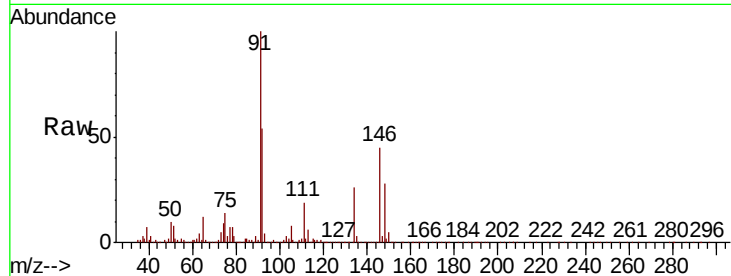
#89
n-Butylbenzene
Concen: 19.347 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.8
134	27.1	13.8	41.4

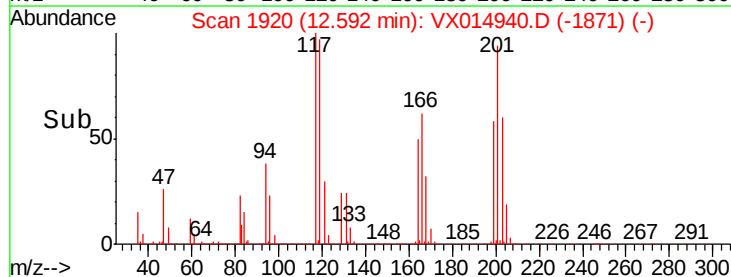
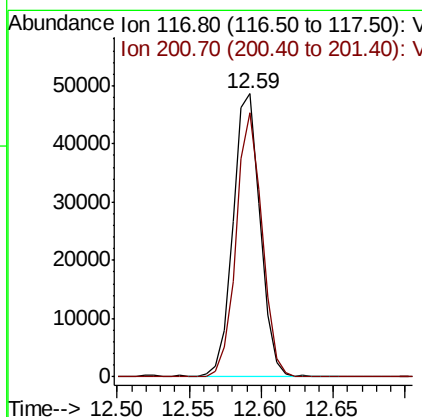
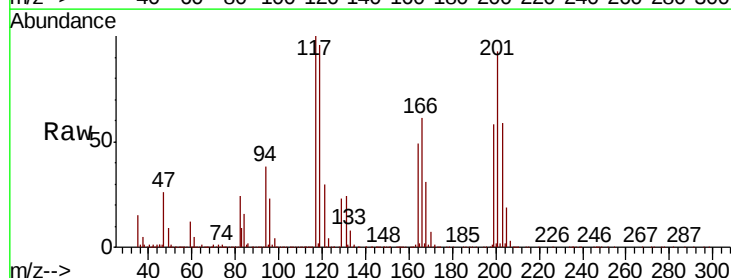
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#90
Hexachloroethane
Concen: 20.072 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.8	134.3





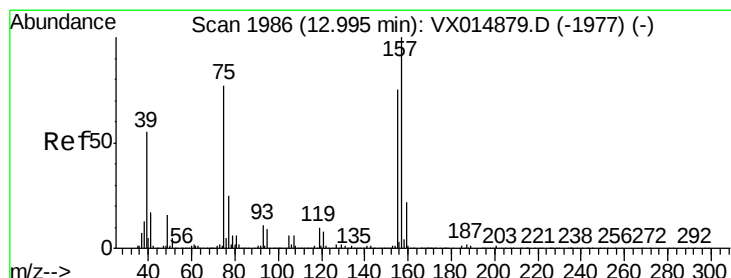
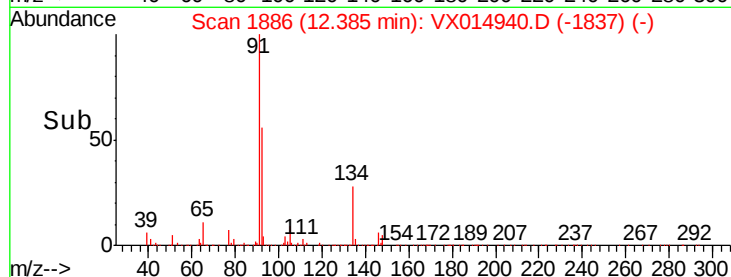
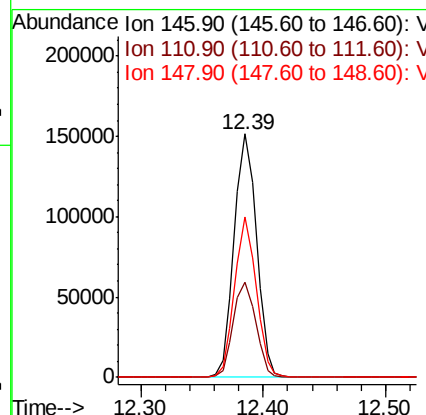
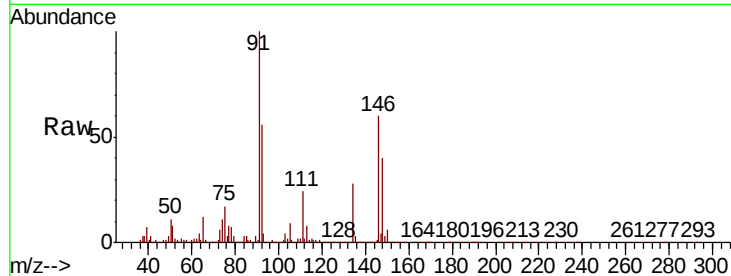
#91
 1,2-Dichlorobenzene
 Concen: 19.610 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192108		
111	39.4	19.8	59.3	
148	63.5	32.4	97.2	

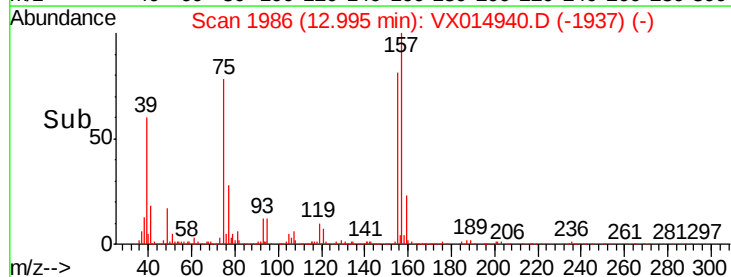
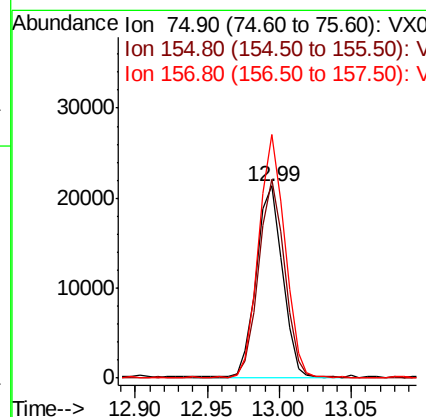
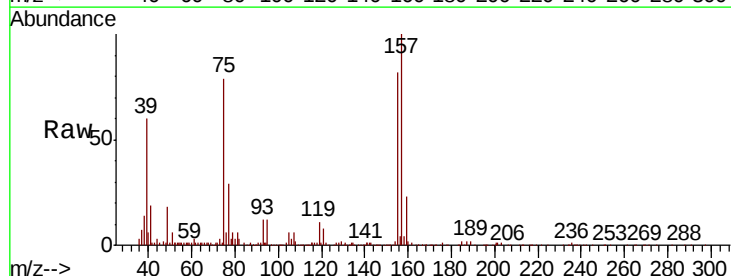
Manual Integrations
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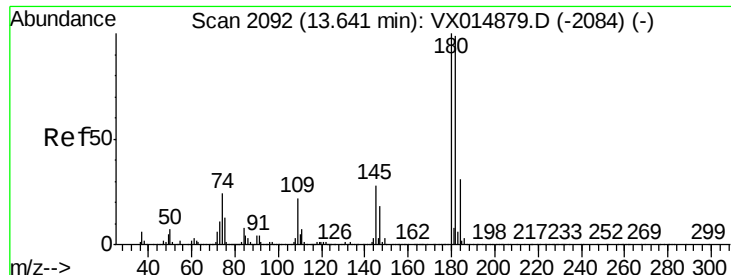
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.757 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27169		
155	101.7	48.6	145.9	
157	124.9	62.0	186.0	





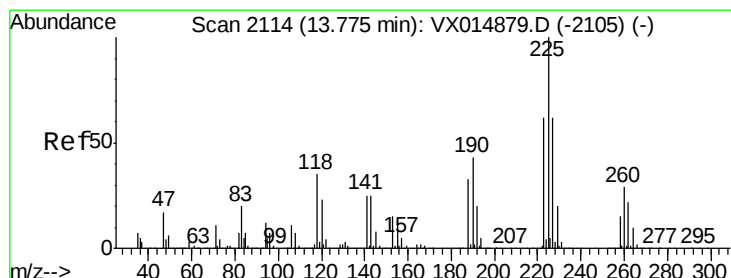
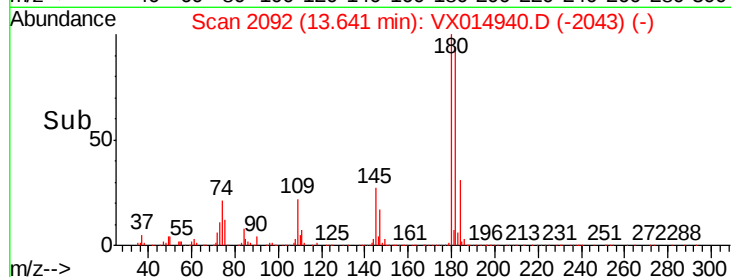
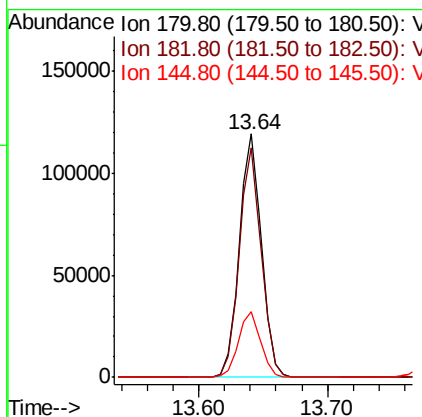
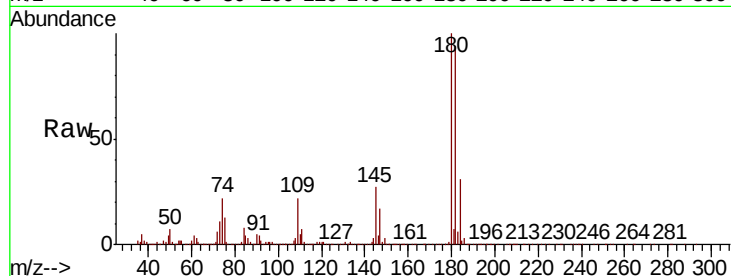
#93
 1,2,4-Trichlorobenzene
 Concen: 19.587 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141630		
182	94.3	48.4	145.3	
145	27.2	14.1	42.4	

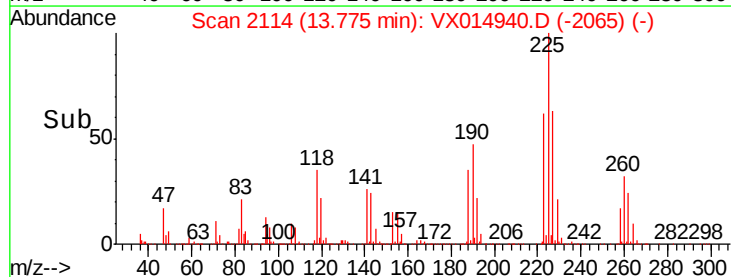
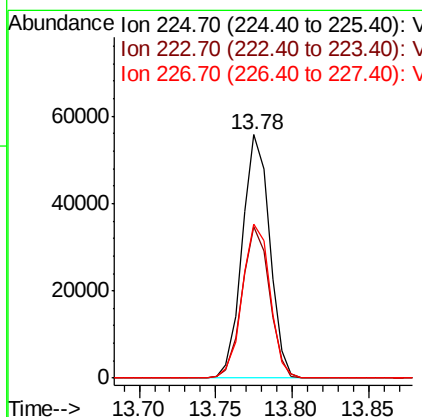
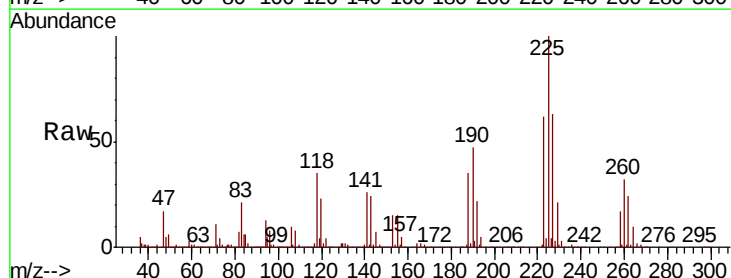
Manual Integrations
 APPROVED

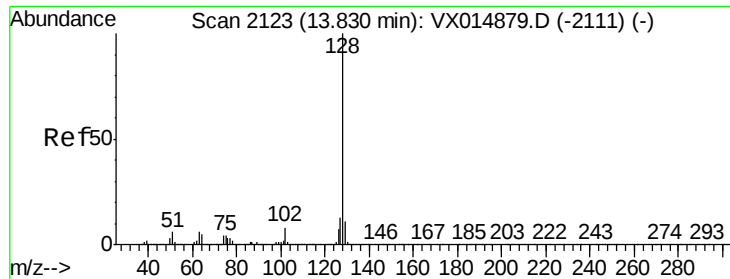
apatel
 2/17/2020 4:25:23 PM



#94
 Hexachlorobutadiene
 Concen: 19.870 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014940.D
 Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69493		
223	62.3	31.1	93.2	
227	64.0	30.9	92.5	





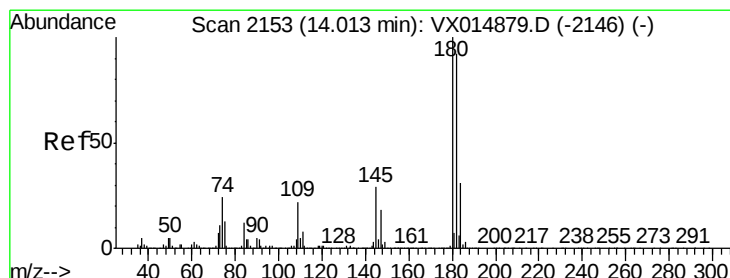
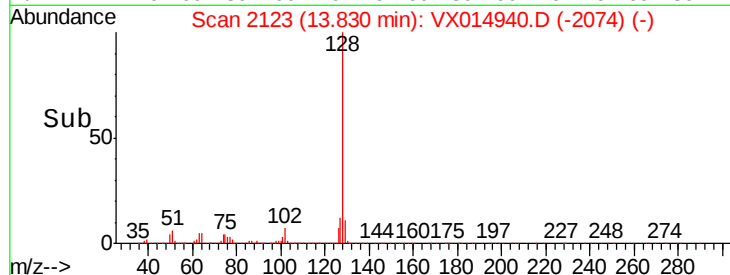
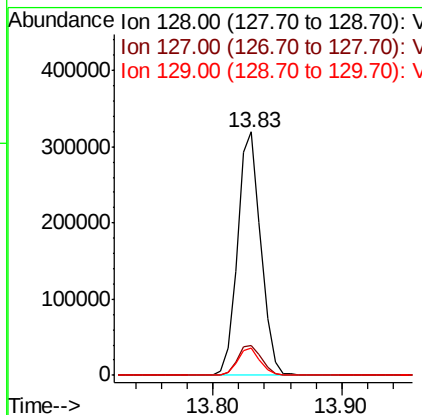
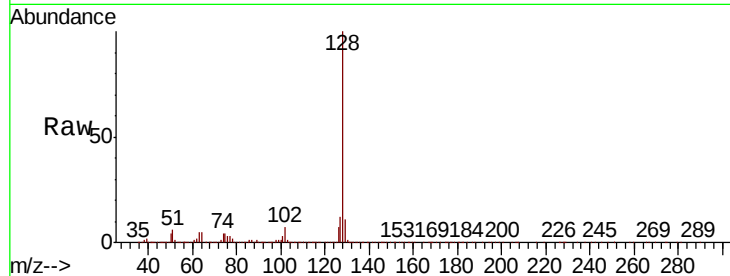
#95
Naphthalene
Concen: 20.787 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	399650		
127	12.8		10.4	15.6
129	10.7		8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.147 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014940.D
Acq: 14 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140746		
182	93.5		47.5	142.6
145	29.5		14.5	43.5

