

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010820\
 Data File : VX014463.D
 Acq On : 08 Jan 2020 12:05
 Operator : JC/SP
 Sample : VX0108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Manual Integrations
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 1/9/2020 2:33:42 PM

Quant Time: Jan 08 13:41:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	749429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	675615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	346144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	279286	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.48	113	225266	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	882603	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	315817	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	111970	18.185	ug/l	100
3) Chloromethane	1.32	50	118884	18.639	ug/l	99
4) Vinyl Chloride	1.40	62	133856	18.833	ug/l	97
5) Bromomethane	1.64	94	80645	17.117	ug/l	100
6) Chloroethane	1.72	64	73755	18.225	ug/l	99
7) Trichlorofluoromethane	1.92	101	143686	17.822	ug/l	98
8) Diethyl Ether	2.18	74	66205	17.999	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85266	17.383	ug/l	99
10) Methyl Iodide	2.50	142	95509	16.261	ug/l	99
11) Tert butyl alcohol	3.02	59	113868	97.629	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86407	17.484	ug/l	96
13) Acrolein	2.28	56	92825	99.294	ug/l	98
14) Allyl chloride	2.72	41	154978	17.862	ug/l	99
15) Acrylonitrile	3.13	53	261155	92.773	ug/l	99
16) Acetone	2.43	43	271763	94.431	ug/l	99
17) Carbon Disulfide	2.56	76	233433	16.928	ug/l	99
18) Methyl Acetate	2.76	43	157182	19.578	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	294562	18.567	ug/l	97
20) Methylene Chloride	2.85	84	99232	17.659	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	93819	17.389	ug/l	96
22) Diisopropyl ether	3.84	45	313914	18.721	ug/l	98
23) Vinyl Acetate	3.80	43	1205030	92.824	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167001	18.308	ug/l	99
25) 2-Butanone	4.65	43	383518	91.914	ug/l	100
26) 2,2-Dichloropropane	4.57	77	134655	17.427	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	105656	17.518	ug/l	98
28) Bromochloromethane	5.00	49	74514	19.387	ug/l	97
29) Tetrahydrofuran	5.11	42	233351	94.590	ug/l	99
30) Chloroform	5.20	83	161615	18.132	ug/l	98
31) Cyclohexane	5.57	56	156037	18.276	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	137347	18.002	ug/l	98
36) 1,1-Dichloropropene	5.79	75	123733	17.557	ug/l	99
37) Ethyl Acetate	4.81	43	143550	18.752	ug/l	99
38) Carbon Tetrachloride	5.77	117	117112	18.057	ug/l	95

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

Instrument :
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 ClientSampleID :
 VX0108WBSD01

Manual Integrations
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Quant Time: Jan 08 13:41:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	159973	18.067	ug/l	98
40) Benzene	6.13	78	379519	18.144	ug/l	99
41) Methacrylonitrile	5.03	41	78031	19.114	ug/l	99
42) 1,2-Dichloroethane	6.18	62	135525	18.531	ug/l	98
43) Isopropyl Acetate	6.43	43	230095	18.606	ug/l	99
44) Trichloroethene	7.20	130	106650	17.742	ug/l	96
45) 1,2-Dichloropropane	7.51	63	100276	18.803	ug/l	96
46) Dibromomethane	7.65	93	65206	17.518	ug/l	98
47) Bromodichloromethane	7.89	83	124987	18.454	ug/l	97
48) Methyl methacrylate	7.76	41	112463	18.988	ug/l	99
49) 1,4-Dioxane	7.73	88	49485	394.302	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	722325	95.852	ug/l	99
52) Toluene	8.78	92	244269	18.242	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	141269	17.916	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156672	18.394	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98325	18.282	ug/l	97
56) Ethyl methacrylate	9.17	69	154370	18.735	ug/l	98
57) 1,3-Dichloropropane	9.37	76	168635	18.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	281941	100.569	ug/l	100
59) 2-Hexanone	9.48	43	564558	94.682	ug/l	100
60) Dibromochloromethane	9.57	129	100803	18.647	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105782	18.567	ug/l	99
64) Tetrachloroethene	9.33	164	124104	18.328	ug/l	98
65) Chlorobenzene	10.13	112	261083	17.807	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	93533	17.876	ug/l	98
67) Ethyl Benzene	10.25	91	454136	18.172	ug/l	97
68) m/p-Xylenes	10.35	106	346302	35.919	ug/l	97
69) o-Xylene	10.70	106	169934	18.473	ug/l	99
70) Styrene	10.71	104	287713	18.124	ug/l	100
71) Bromoform	10.85	173	75438	17.621	ug/l #	98
73) Isopropylbenzene	11.01	105	448263	18.442	ug/l	99
74) N-amyl acetate	10.89	43	200300	18.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	143358	18.391	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	123190m	17.201	ug/l	
77) Bromobenzene	11.25	156	122206	18.129	ug/l	95
78) n-propylbenzene	11.35	91	503291	18.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	298702	18.004	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	375345	18.599	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48038	17.733	ug/l	96
82) 4-Chlorotoluene	11.51	91	349263	17.934	ug/l	99
83) tert-Butylbenzene	11.76	119	344061	18.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	378764	18.575	ug/l	99
85) sec-Butylbenzene	11.94	105	436367	18.409	ug/l	99
86) p-Isopropyltoluene	12.06	119	391062	17.779	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209339	17.304	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	211265	18.216	ug/l	99
89) n-Butylbenzene	12.39	91	336933	16.753	ug/l	99
90) Hexachloroethane	12.59	117	67753	17.536	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	211725	17.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31777	18.123	ug/l	99

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

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

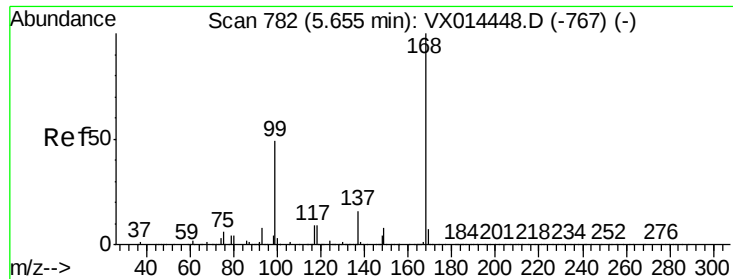
Manual Integrations
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1/9/2020 2:33:42 PM

Quant Time: Jan 08 13:41:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144299	17.273	ug/l	99
94) Hexachlorobutadiene	13.78	225	68215	17.549	ug/l	98
95) Naphthalene	13.83	128	435458	16.866	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147293	17.869	ug/l	97

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



#1

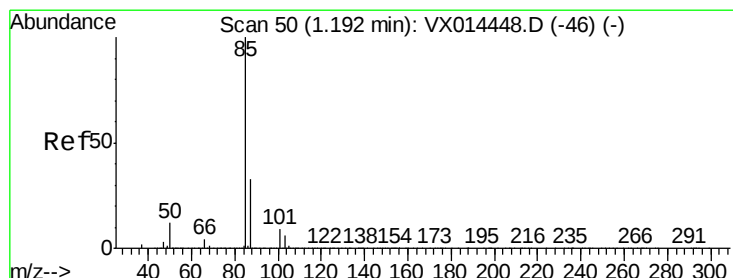
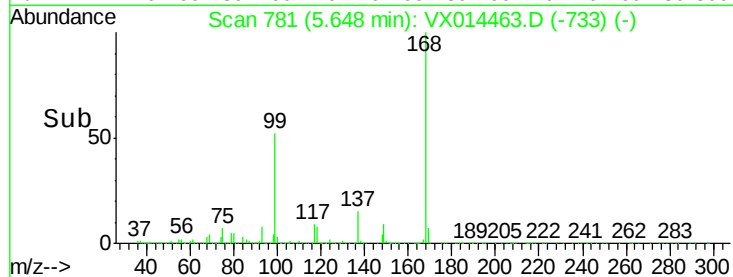
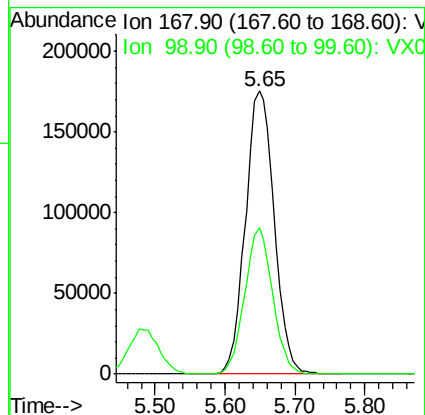
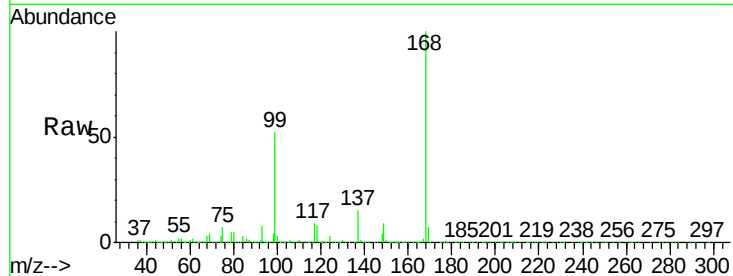
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.2	58.8

Manual Integrations
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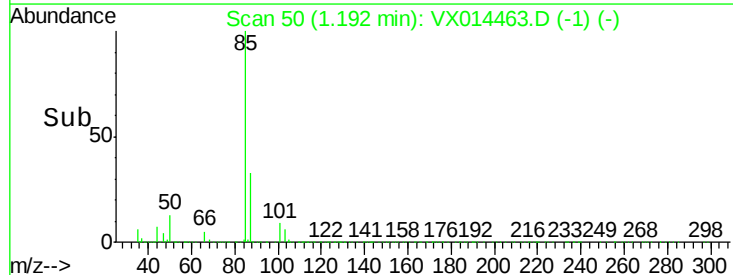
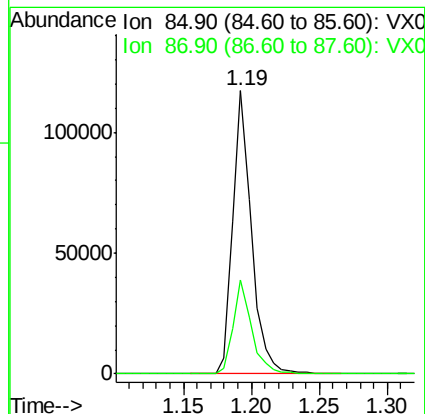
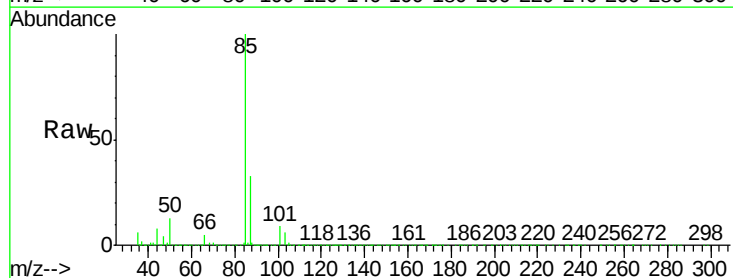
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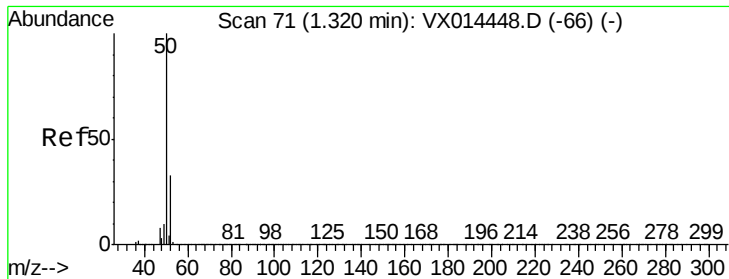


#2

Dichlorodifluoromethane
 Concen: 18.185 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.5	49.5





#3

Chloromethane

Concen: 18.639 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 50 Resp: 118884

Ion Ratio Lower Upper

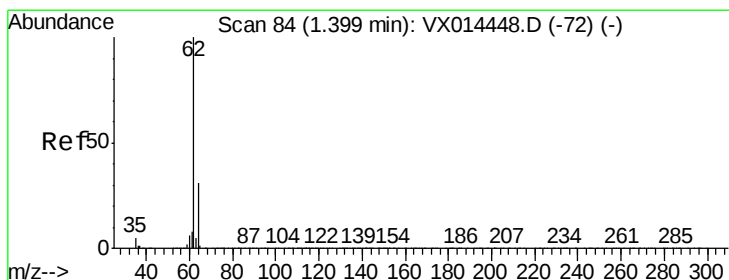
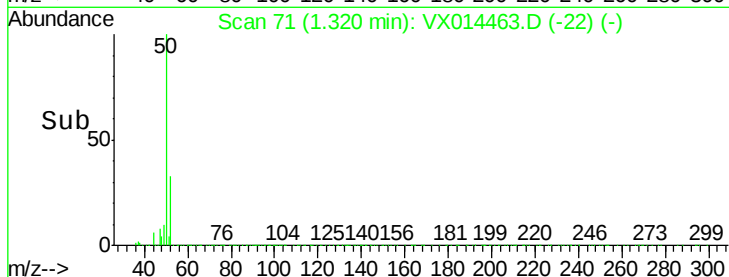
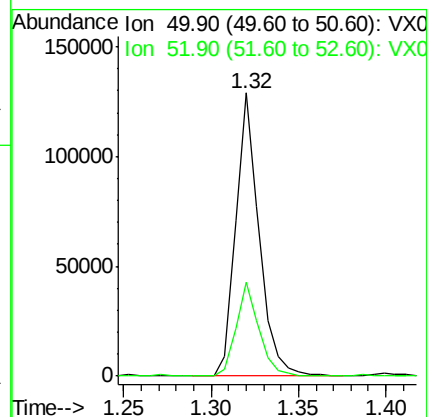
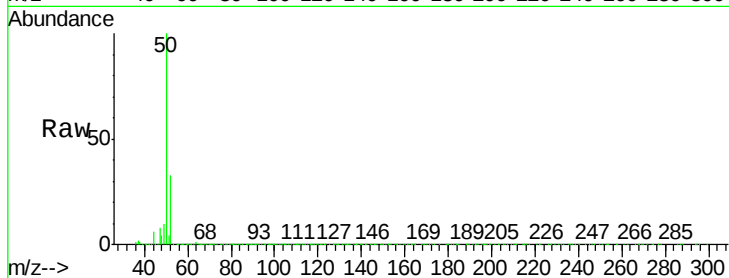
50 100

52 33.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.833 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014463.D

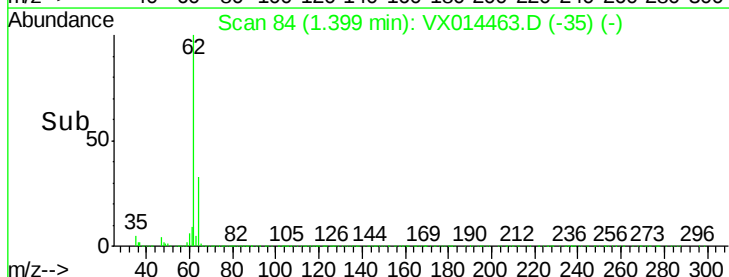
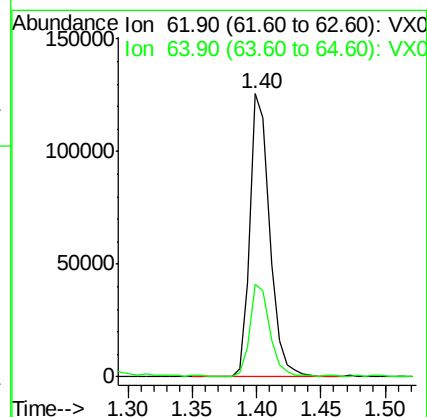
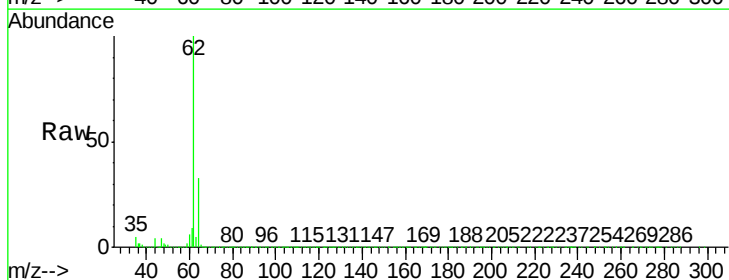
Acq: 08 Jan 2020 12:05

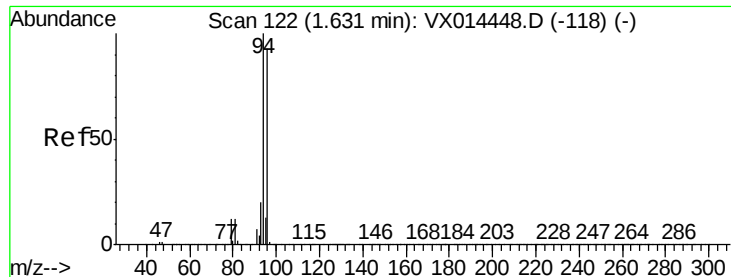
Tgt Ion: 62 Resp: 133856

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 17.117 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampled :

VX0108WBSD01

Tgt Ion: 94 Resp: 80645

Ion Ratio Lower Upper

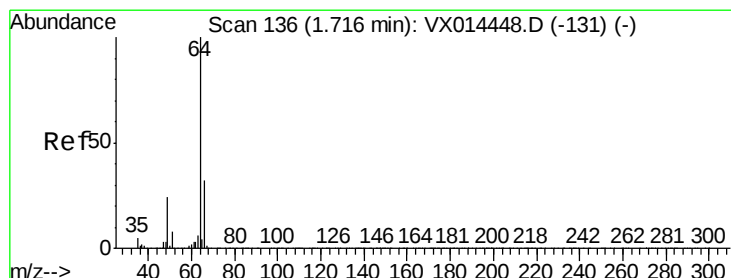
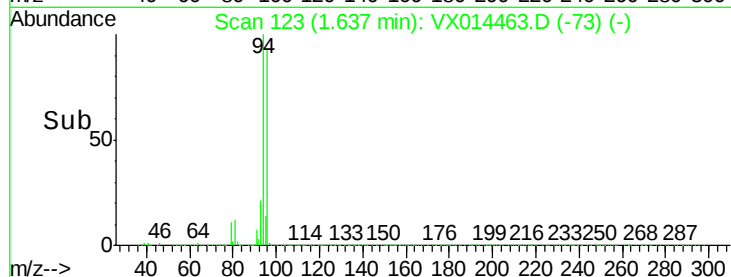
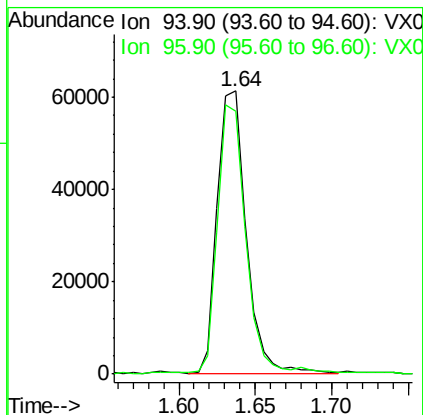
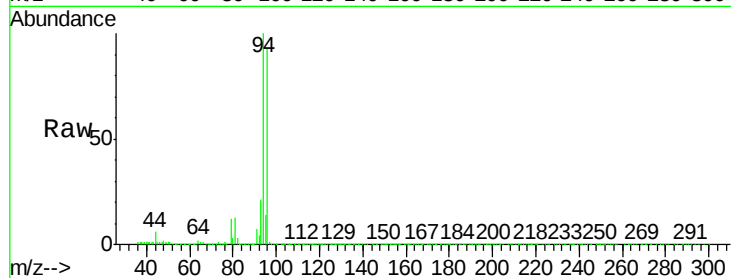
94 100

96 92.7 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 18.225 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014463.D

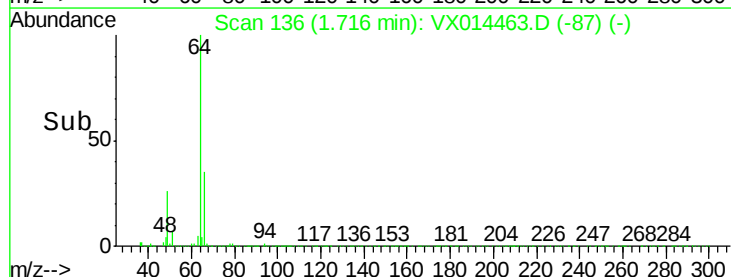
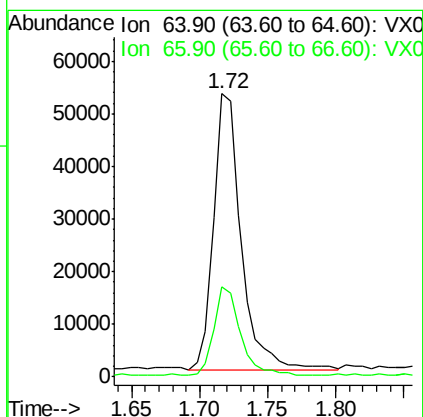
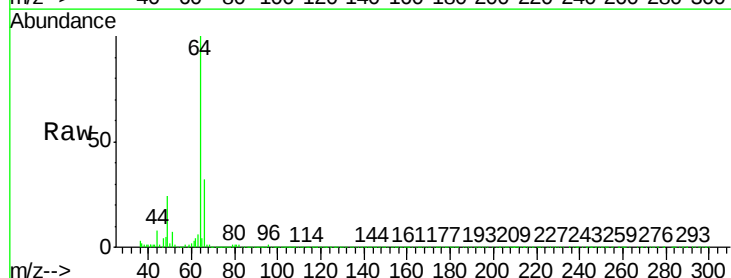
Acq: 08 Jan 2020 12:05

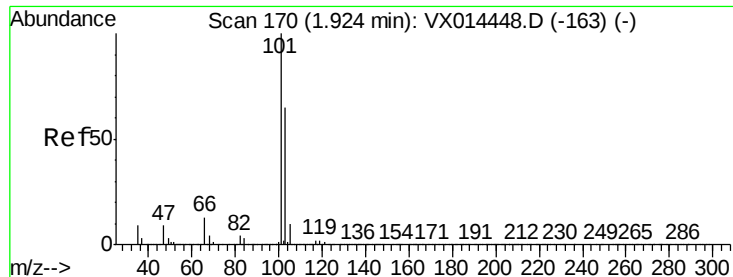
Tgt Ion: 64 Resp: 73755

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

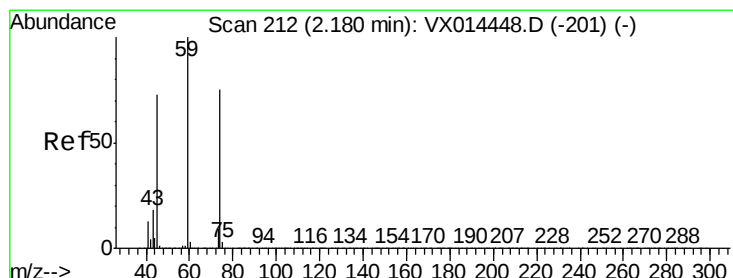
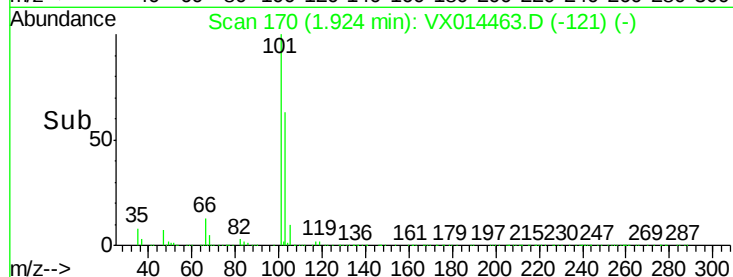
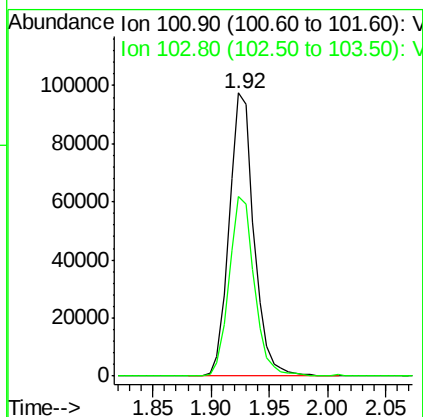
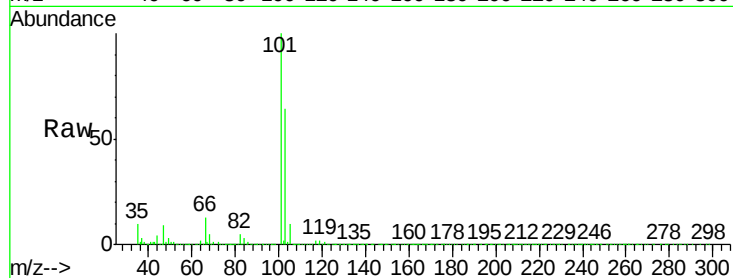
Trichlorofluoromethane
Concen: 17.822 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.2	78.4

Manual Integrations
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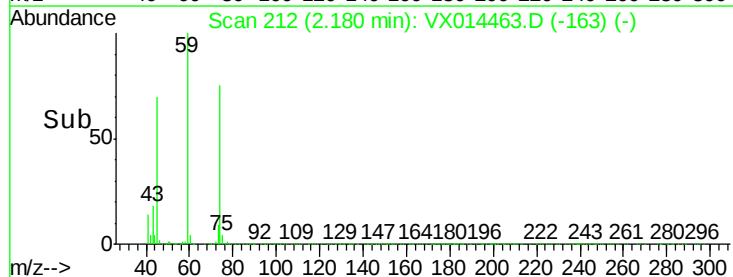
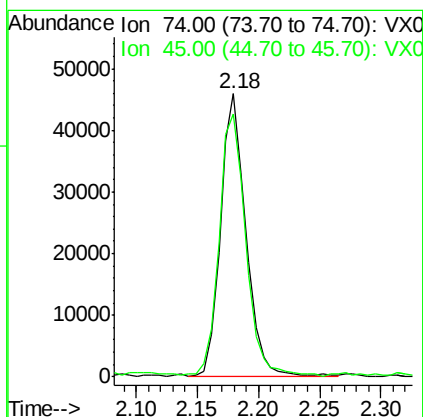
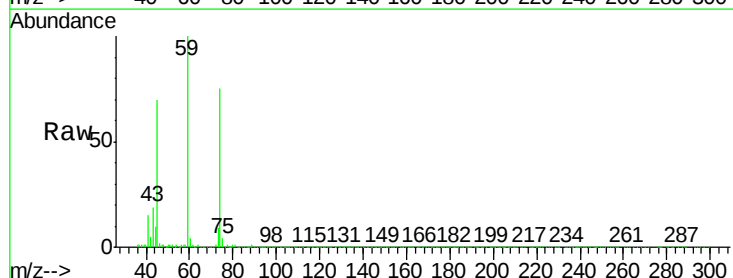
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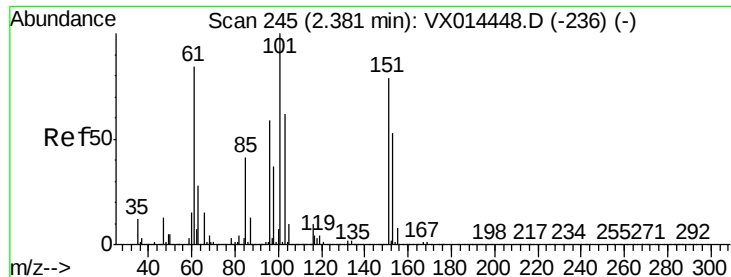


#8

Diethyl Ether
Concen: 17.999 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.383 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

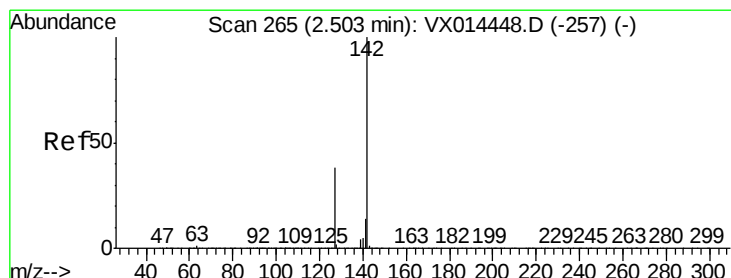
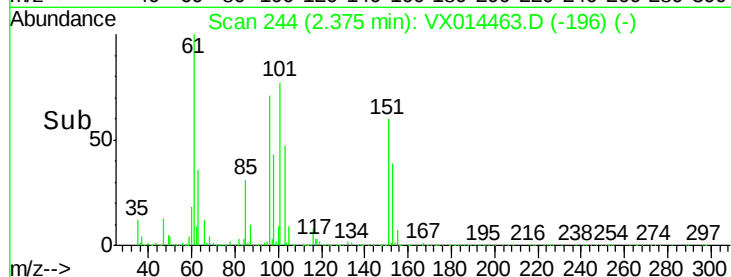
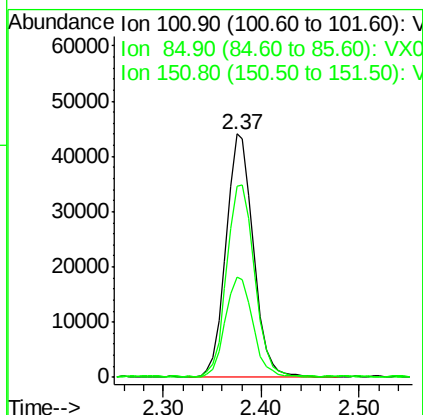
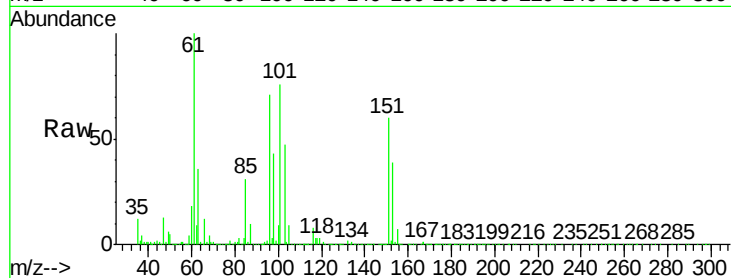
ClientSampleId :

VX0108WBSD01

Tgt Ion:	101	Resp:	85266
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.8	50.8
151	80.4	65.3	97.9

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#10

Methyl Iodide

Concen: 16.261 ug/l

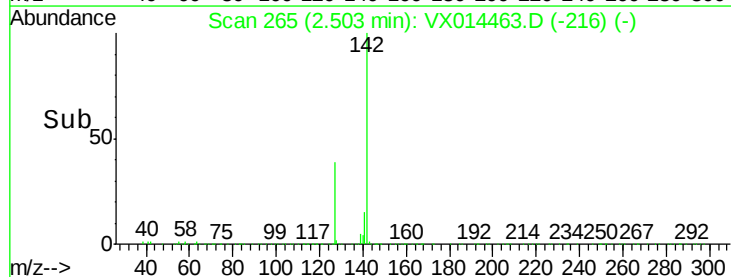
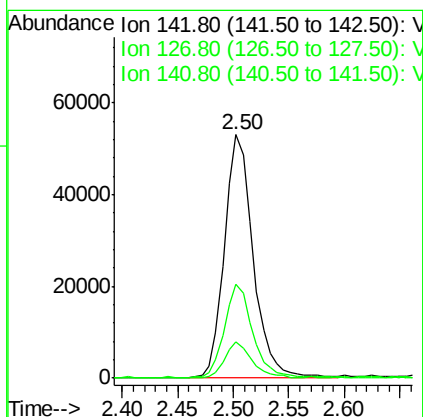
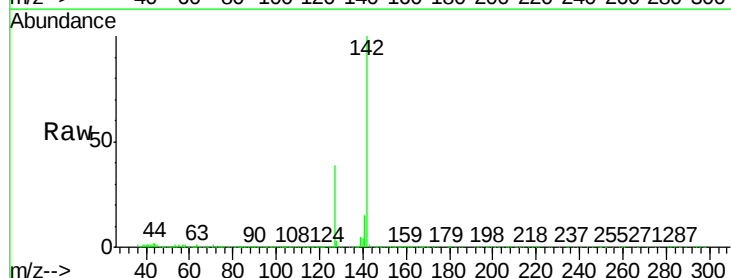
RT: 2.50 min Scan# 265

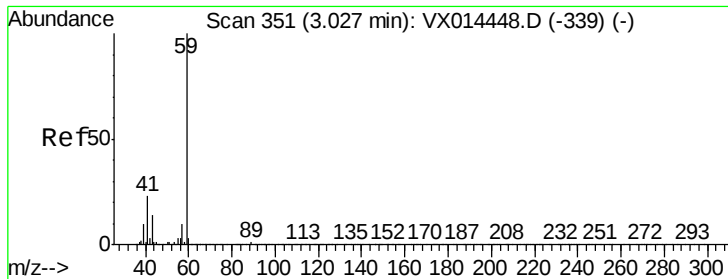
Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion:	142	Resp:	95509
Ion Ratio	Lower	Upper	
142	100		
127	37.9	31.2	46.8
141	14.1	11.4	17.2





#11

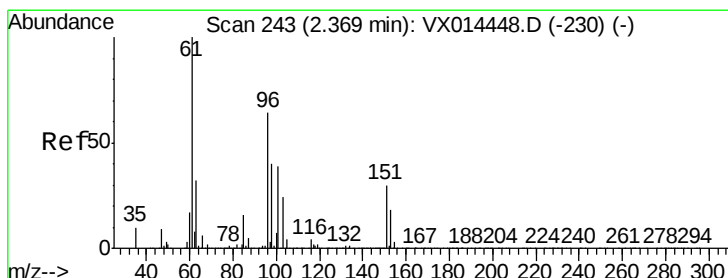
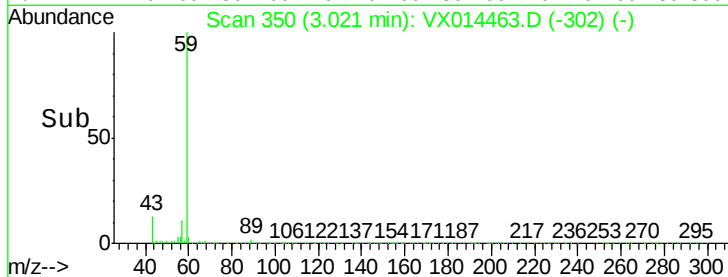
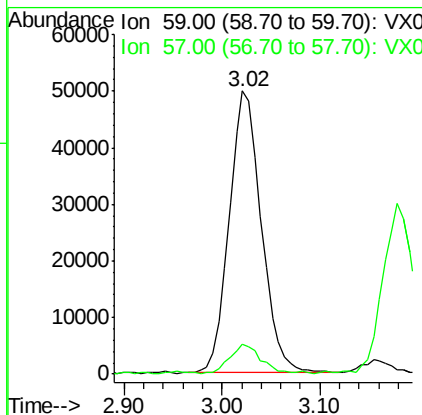
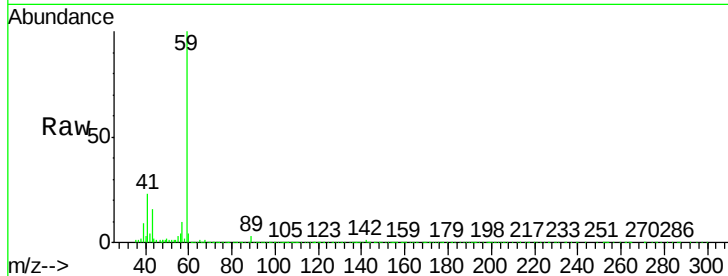
Tert butyl alcohol
 Concen: 97.629 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	113868		
57	9.9	8.5	12.7	

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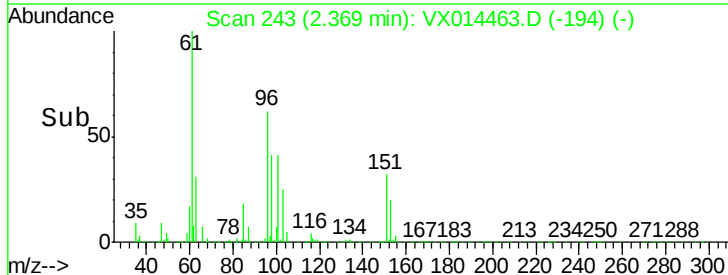
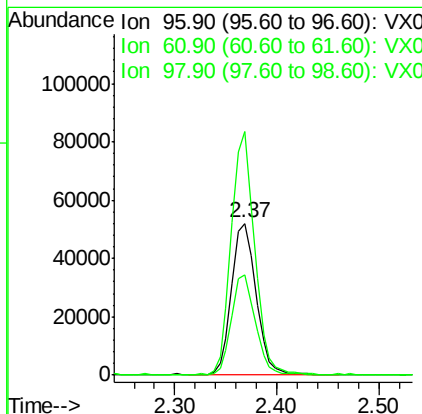
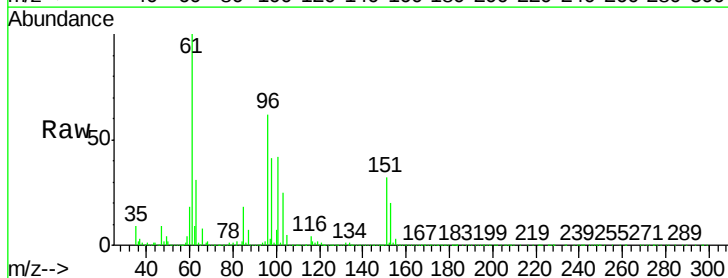
apatel
 1/9/2020 2:33:42 PM

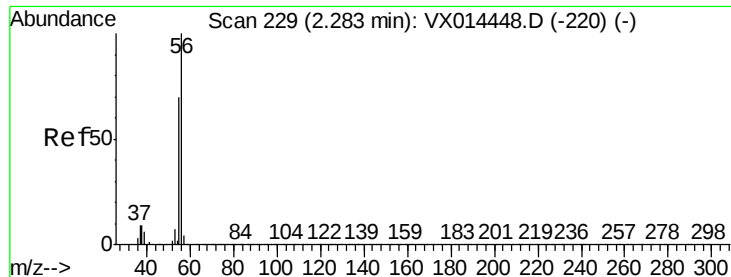


#12

1,1-Dichloroethene
 Concen: 17.484 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	86407		
61	160.5	125.0	187.6	
98	66.1	50.2	75.2	





#13

Acrolein

Concen: 99.294 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 56 Resp: 92825

Ion Ratio Lower Upper

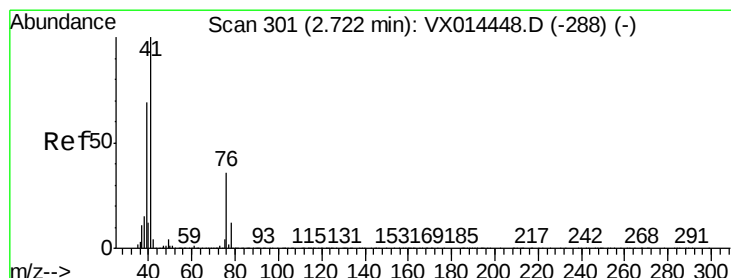
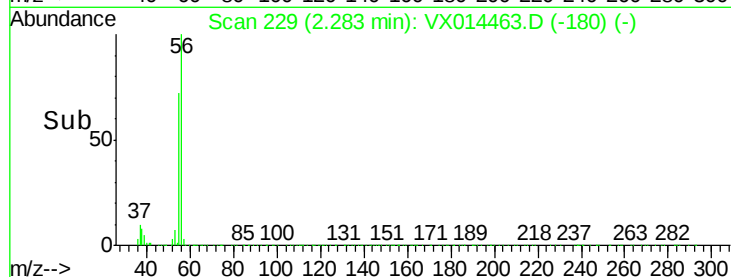
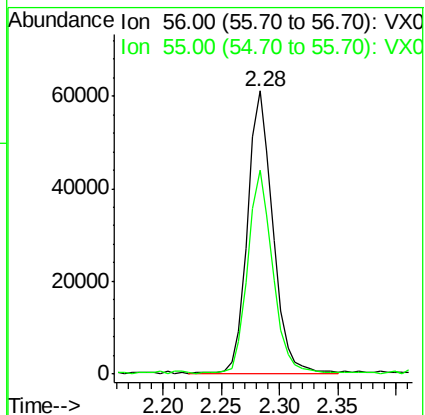
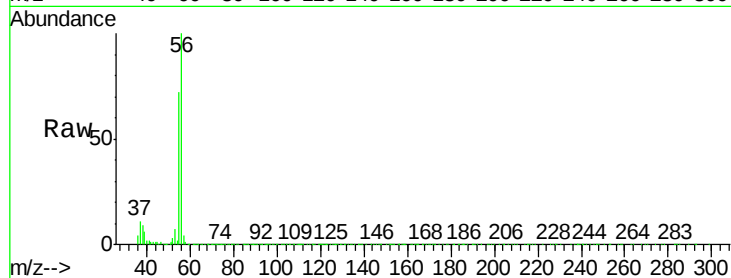
56 100

55 70.7 55.0 82.6

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#14

Allyl chloride

Concen: 17.862 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

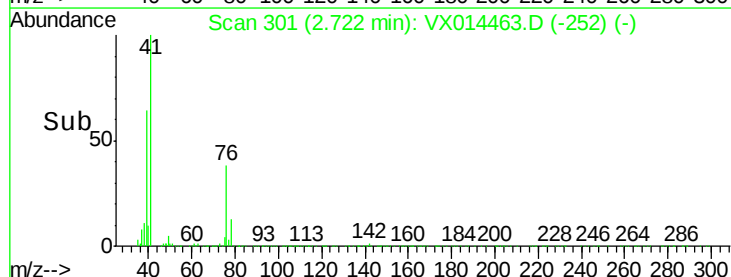
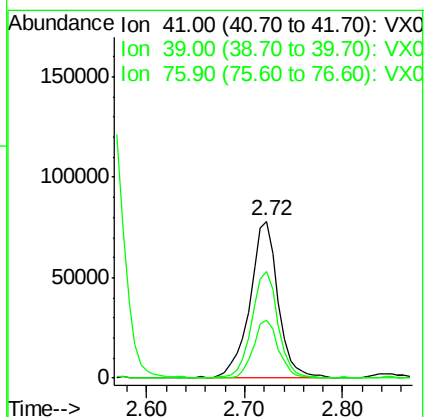
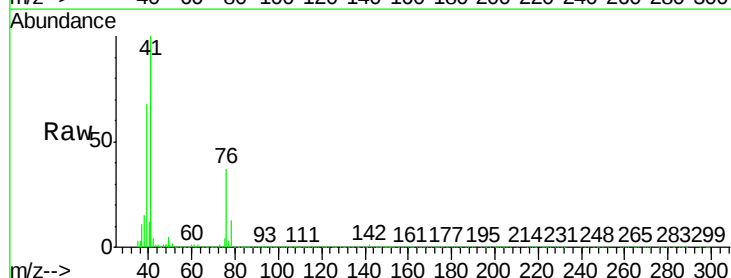
Tgt Ion: 41 Resp: 154978

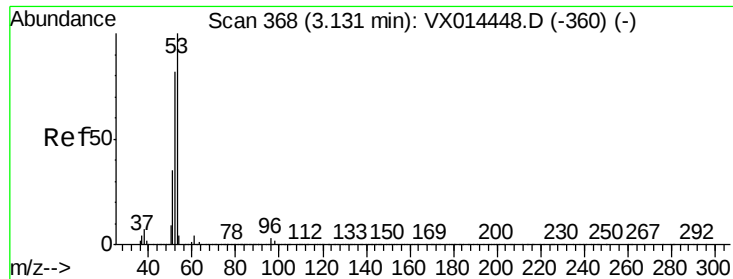
Ion Ratio Lower Upper

41 100

39 63.5 51.7 77.5

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 92.773 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

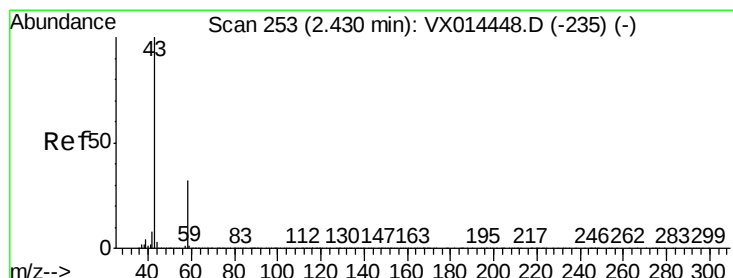
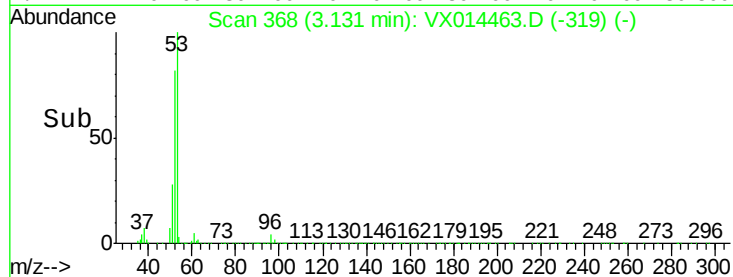
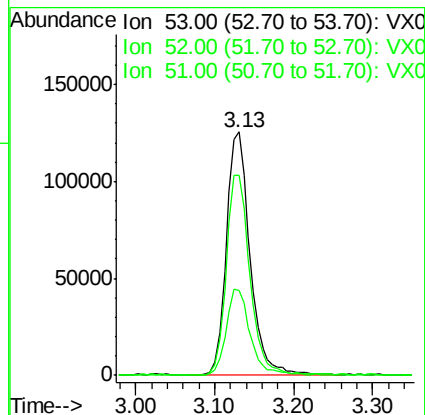
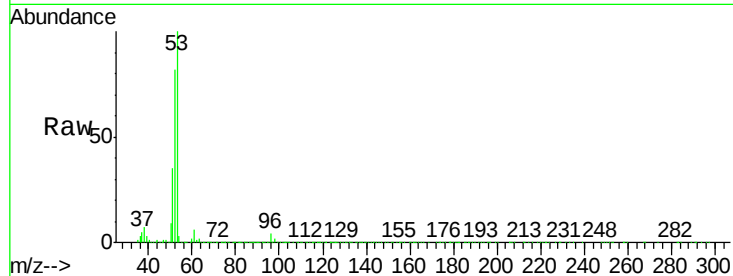
ClientSampleId :

VX0108WBSD01

Tgt Ion:	53	Resp:	261155
Ion Ratio		Lower	Upper
53	100		
52	82.3	67.0	100.4
51	35.7	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 94.431 ug/l

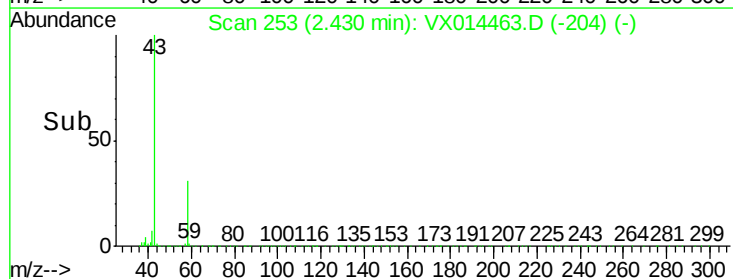
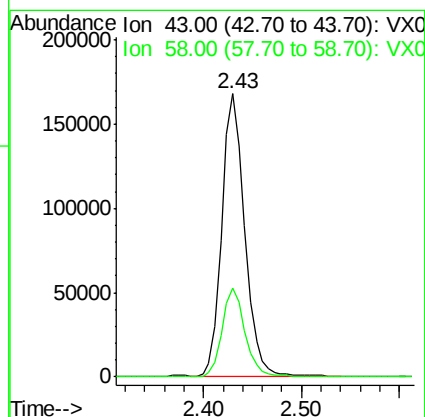
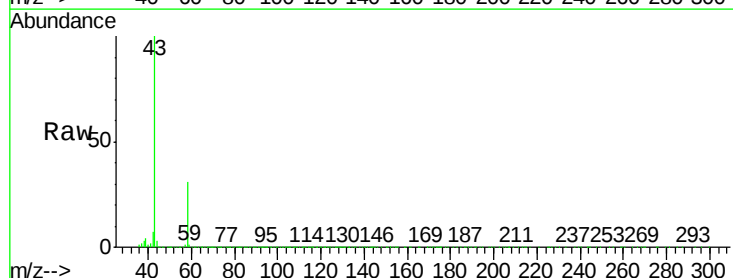
RT: 2.43 min Scan# 253

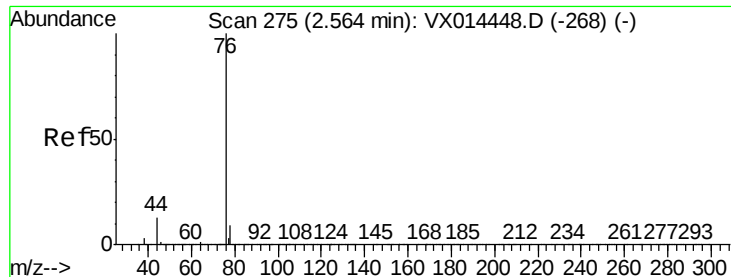
Delta R.T. 0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion:	43	Resp:	271763
Ion Ratio		Lower	Upper
43	100		
58	31.1	25.4	38.0





#17

Carbon Disulfide

Concen: 16.928 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 76 Resp: 233433

Ion Ratio Lower Upper

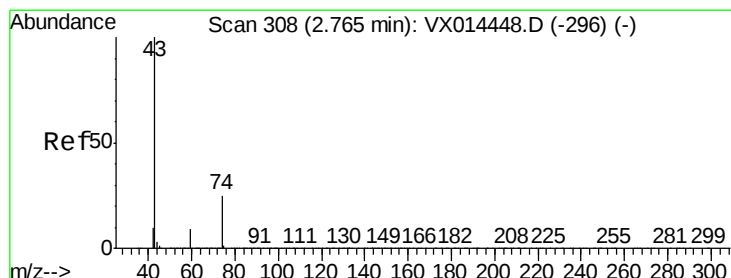
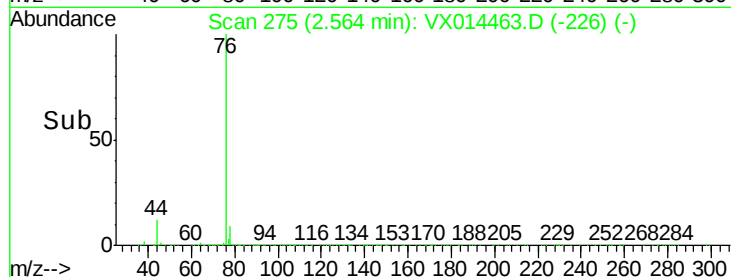
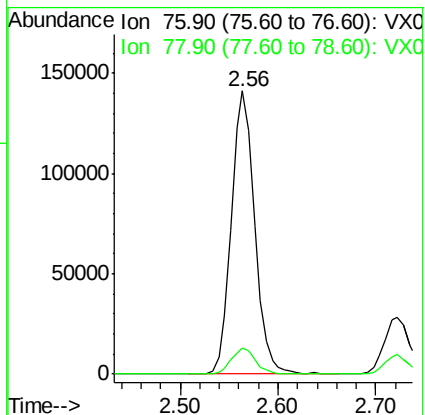
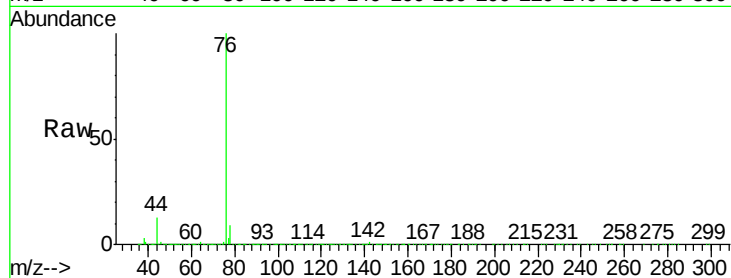
76 100

78 9.1 7.4 11.2

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#18

Methyl Acetate

Concen: 19.578 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014463.D

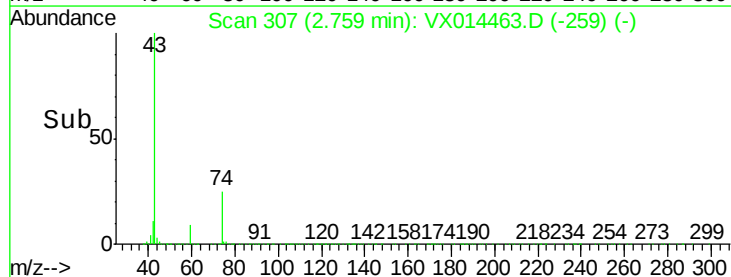
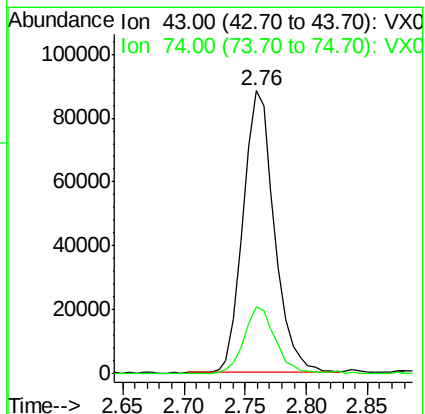
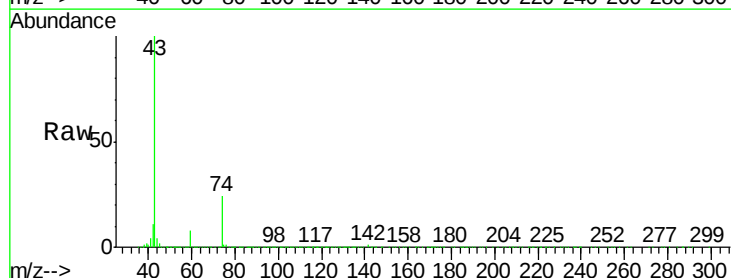
Acq: 08 Jan 2020 12:05

Tgt Ion: 43 Resp: 157182

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2





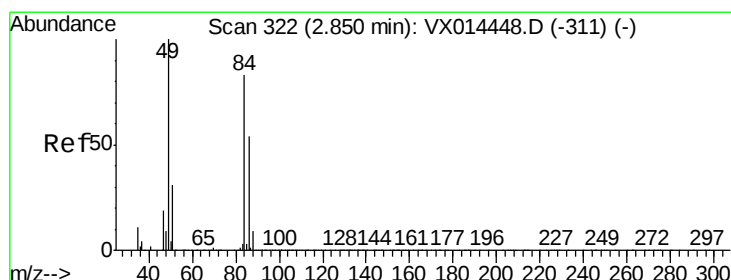
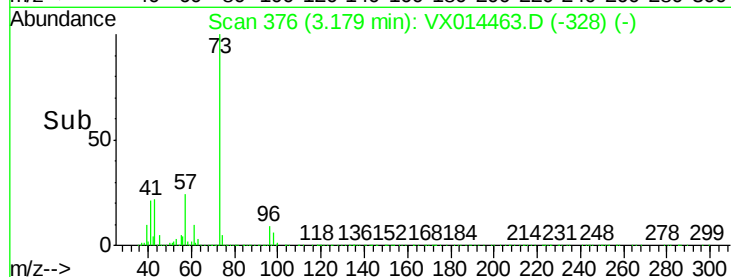
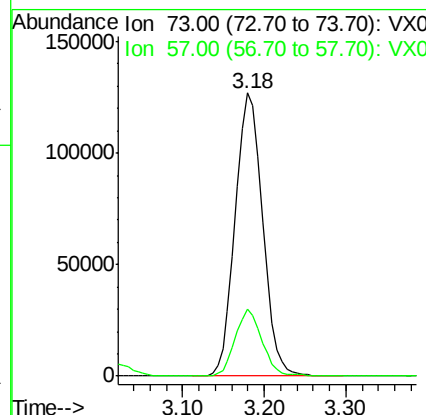
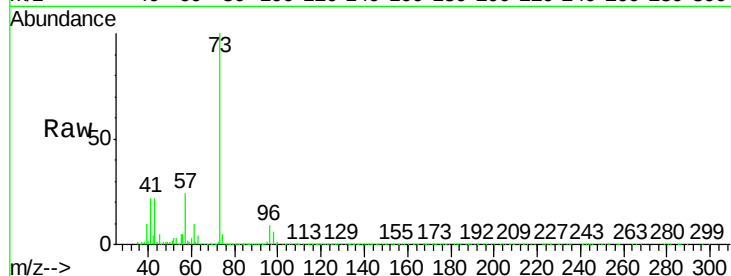
#19
Methyl tert-butyl Ether
Concen: 18.567 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.8	26.8

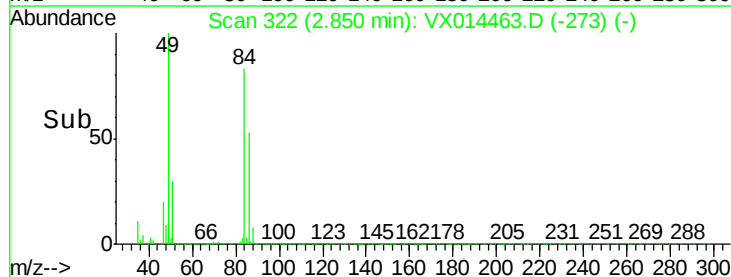
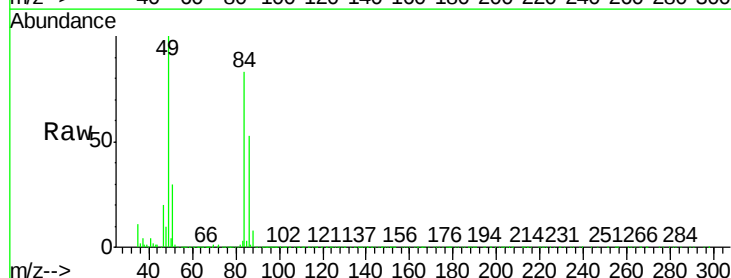
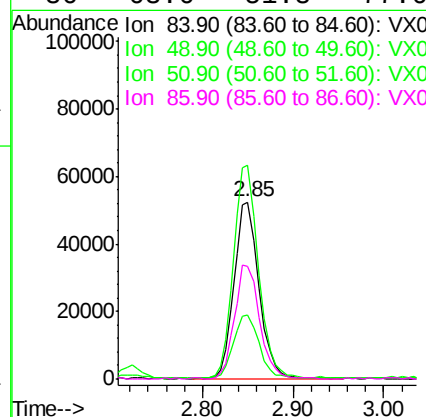
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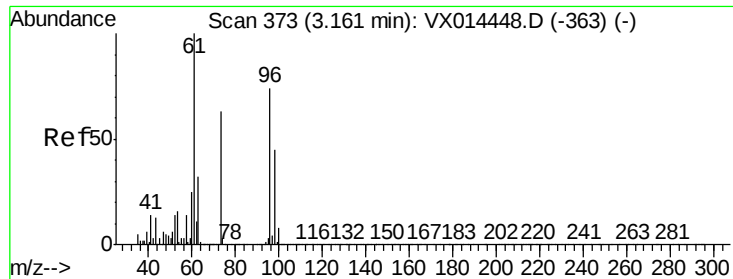
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#20
Methylene Chloride
Concen: 17.659 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	95.8	143.8
51	35.5	30.2	45.4
86	63.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.389 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

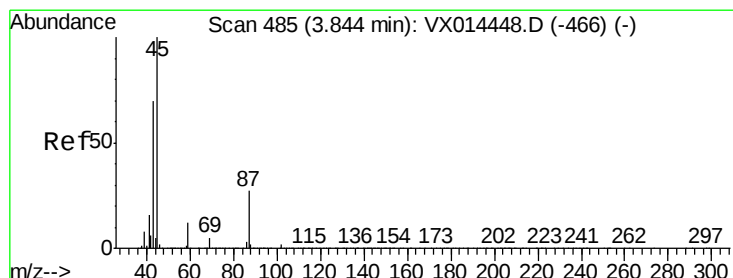
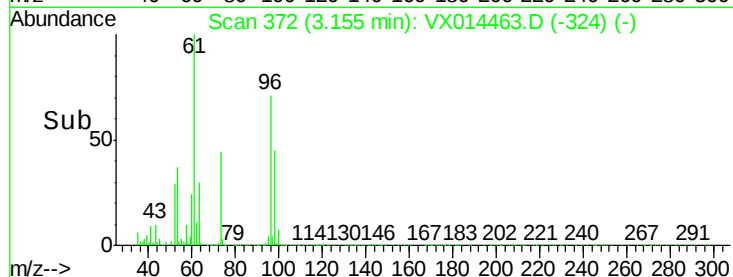
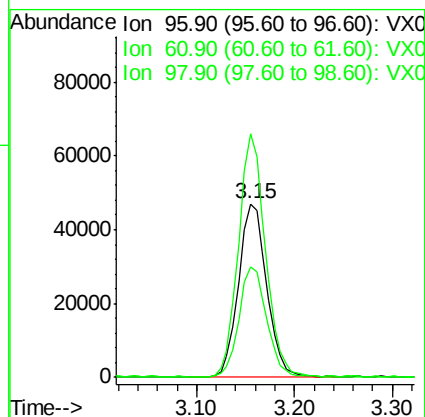
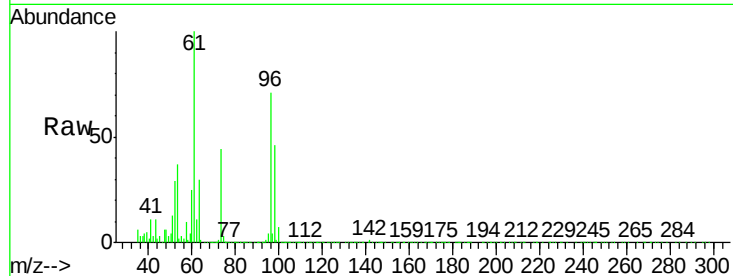
ClientSampleId :

VX0108WBSD01

Tgt Ion:	96	Resp:	93819
Ion Ratio	Lower	Upper	
96	100		
61	140.2	108.2	162.4
98	63.8	48.8	73.2

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#22

Diisopropyl ether

Concen: 18.721 ug/l

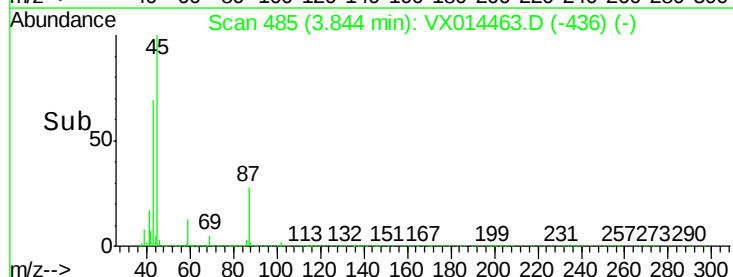
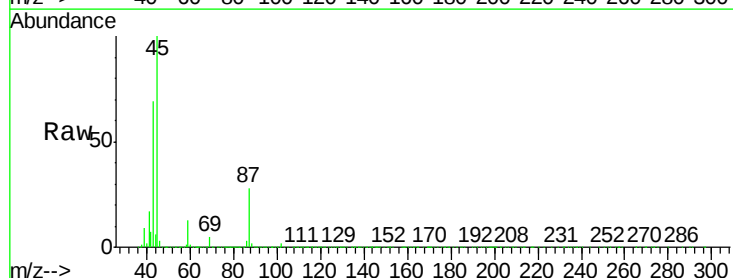
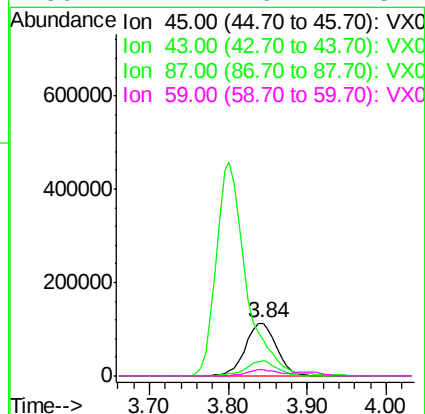
RT: 3.84 min Scan# 485

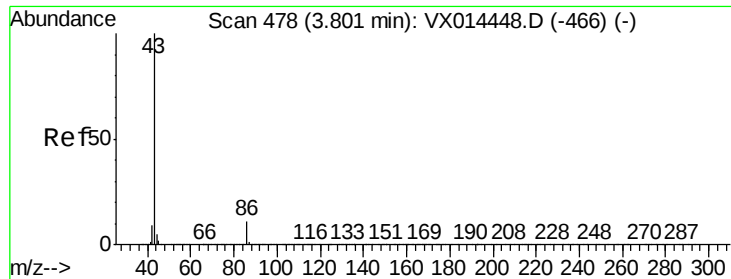
Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion:	45	Resp:	313914
Ion Ratio	Lower	Upper	
45	100		
43	68.0	55.8	83.6
87	28.2	21.8	32.8
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 92.824 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 43 Resp: 1205030

Ion Ratio Lower Upper

43 100

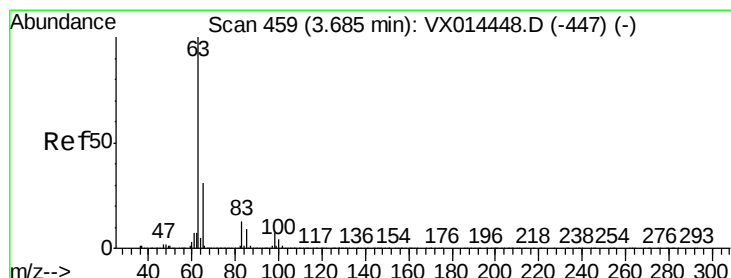
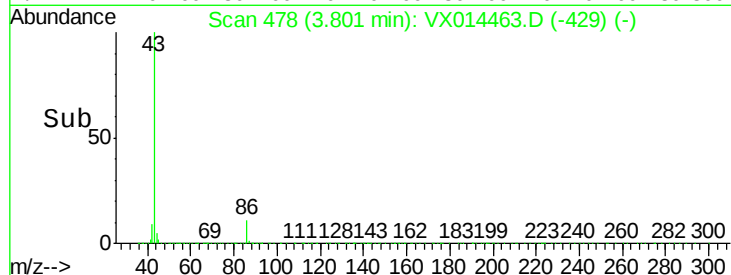
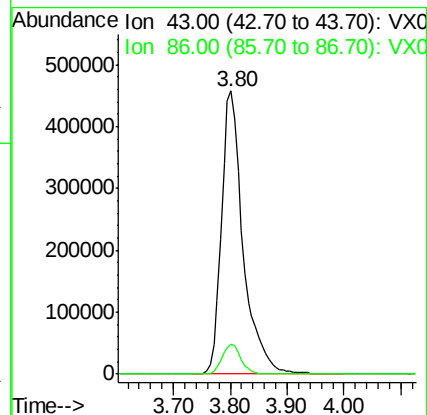
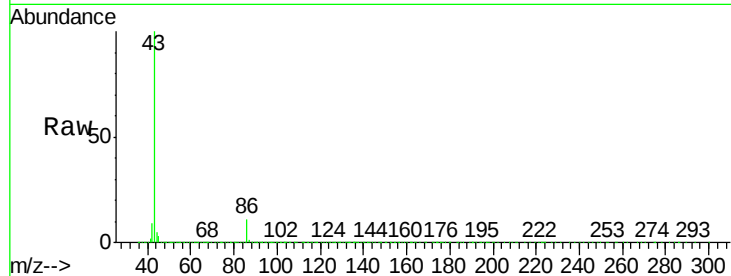
86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 18.308 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

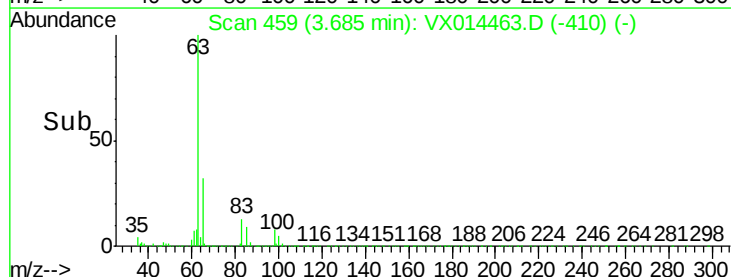
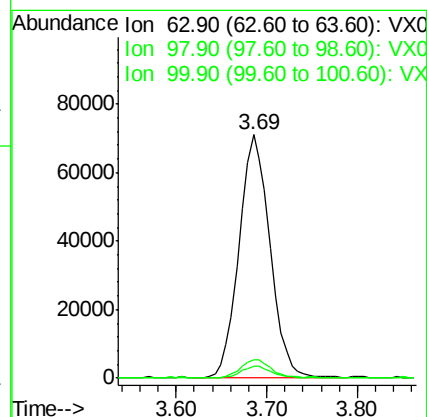
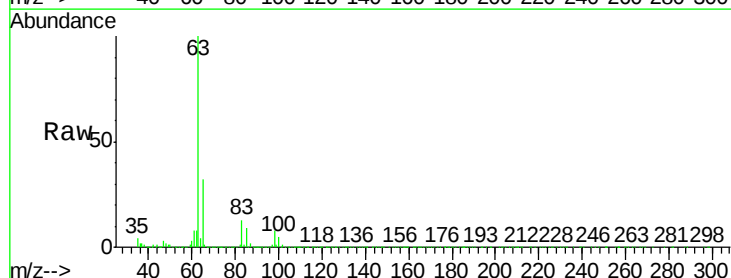
Tgt Ion: 63 Resp: 167001

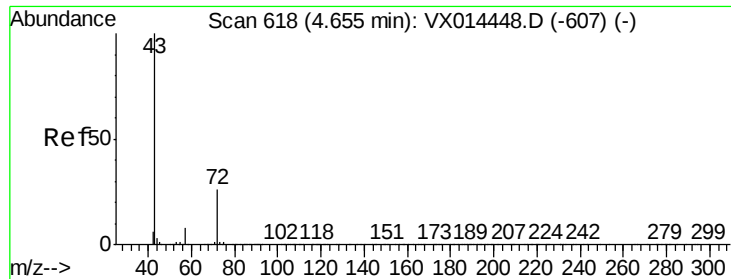
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 91.914 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 43 Resp: 383518

Ion Ratio Lower Upper

43 100

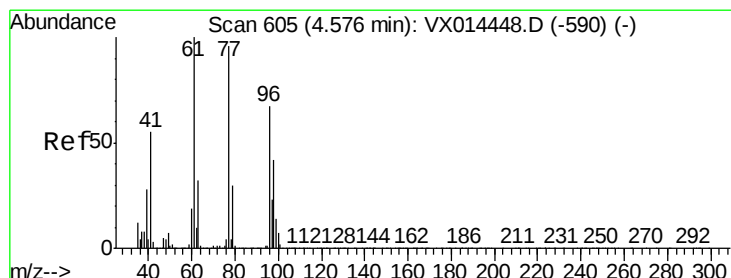
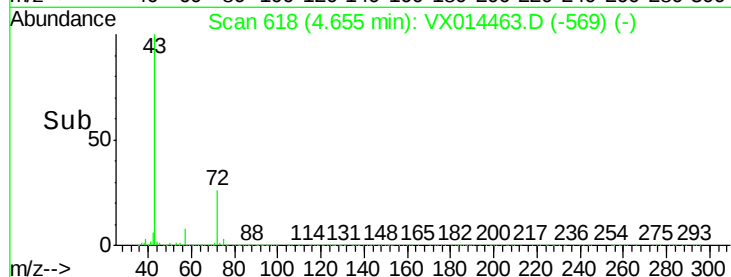
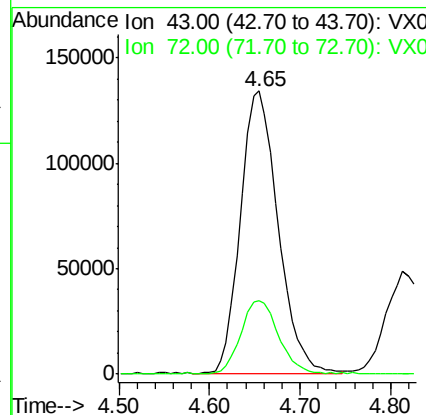
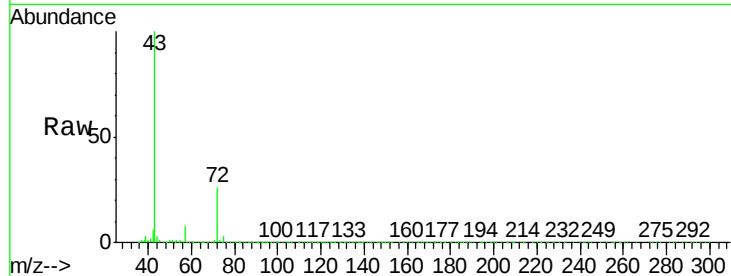
72 25.8 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 17.427 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014463.D

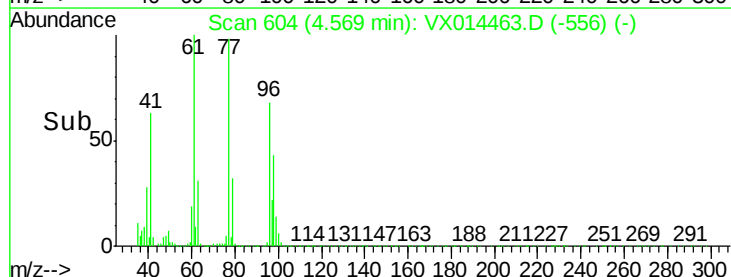
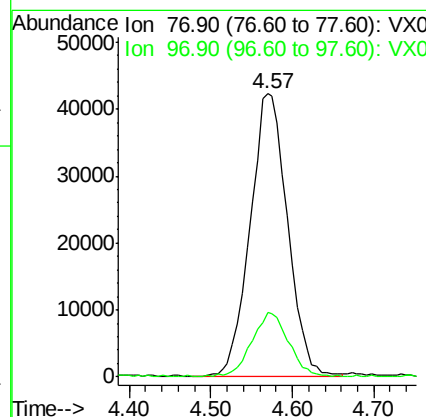
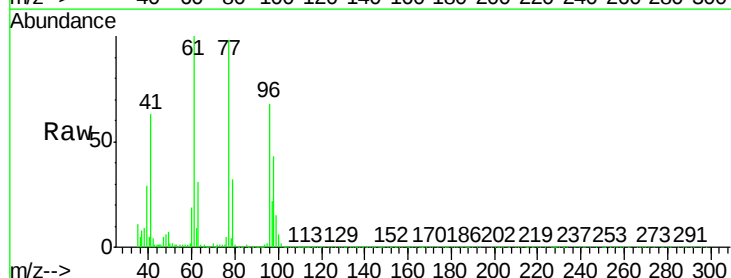
Acq: 08 Jan 2020 12:05

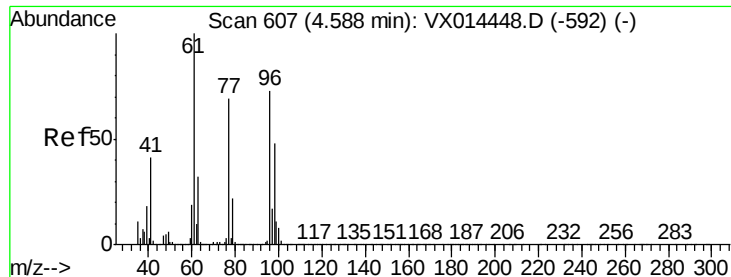
Tgt Ion: 77 Resp: 134655

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1





#27

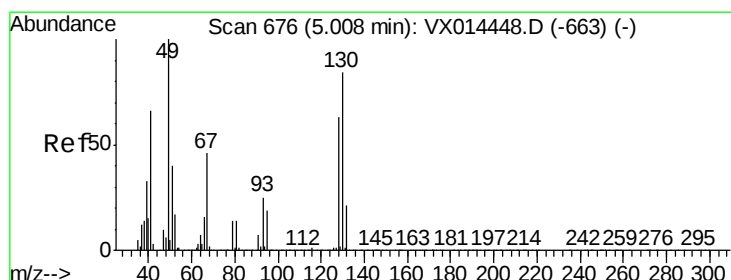
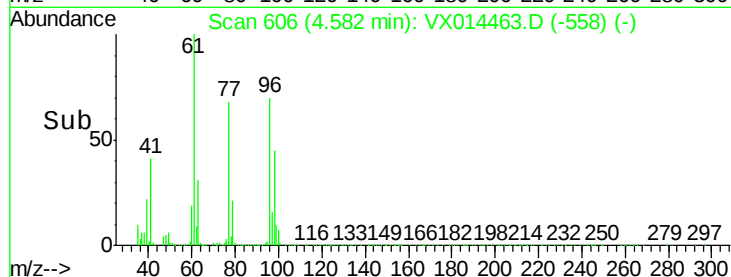
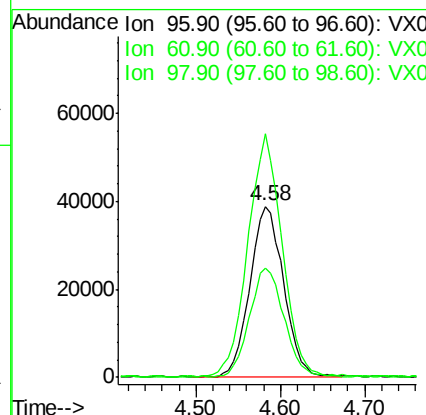
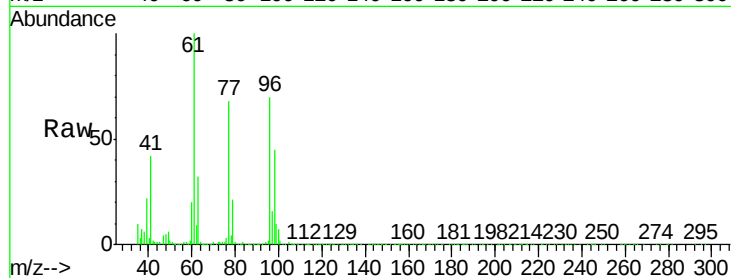
cis-1,2-Dichloroethene
Concen: 17.518 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	145.1	0.0	285.4
98	66.0	0.0	130.6

Manual Integrations
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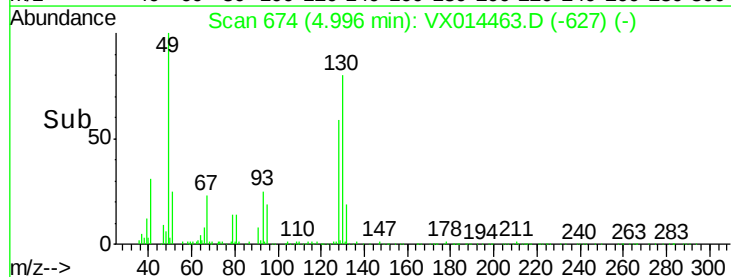
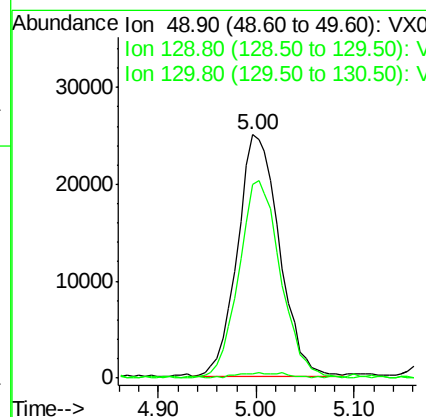
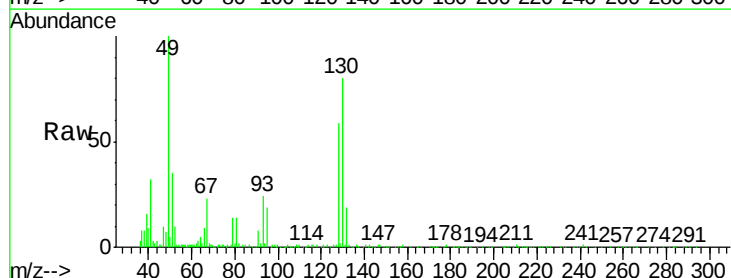
apatel
1/9/2020 2:33:42 PM



#28

Bromochloromethane
Concen: 19.387 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.7	0.0	4.4
130	81.3	67.0	100.4





#29

Tetrahydrofuran

Concen: 94.590 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

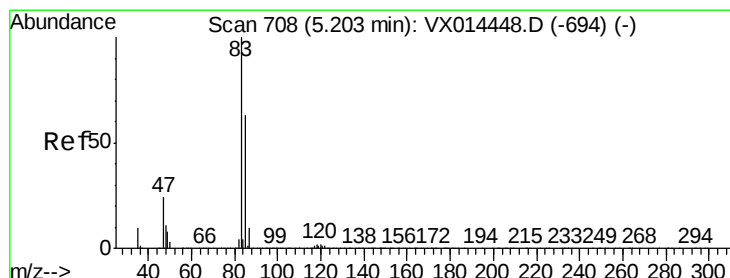
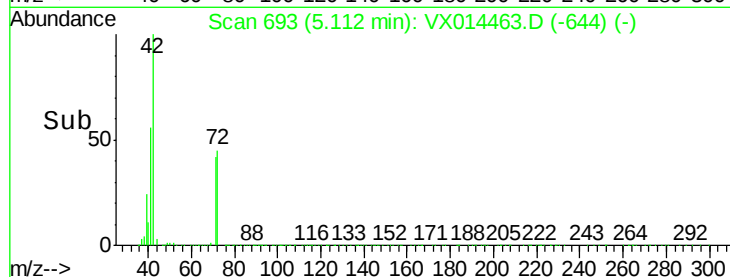
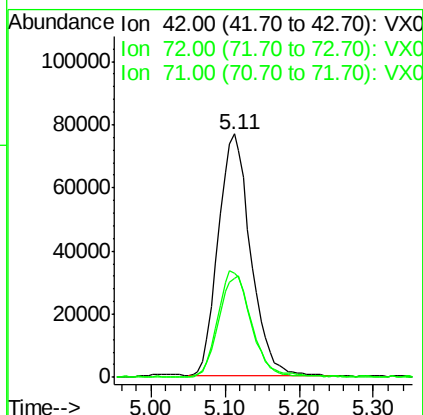
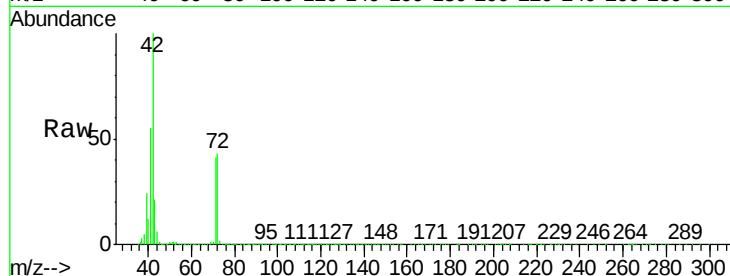
ClientSampleId :

VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	41.9	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 18.132 ug/l

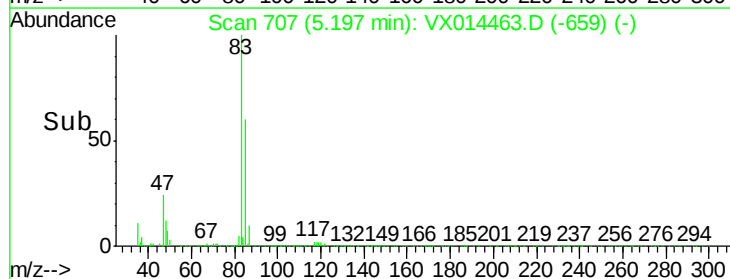
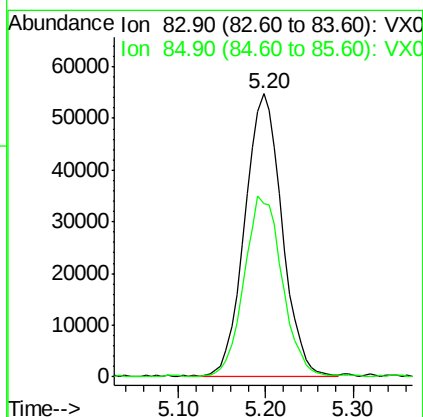
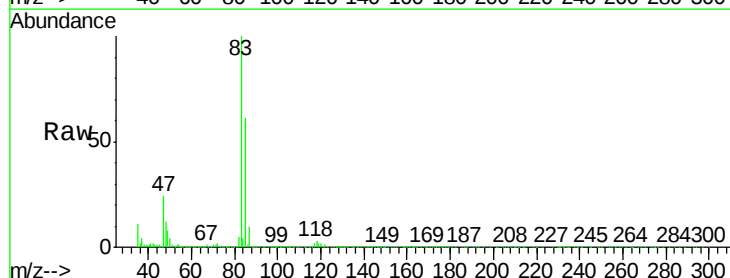
RT: 5.20 min Scan# 707

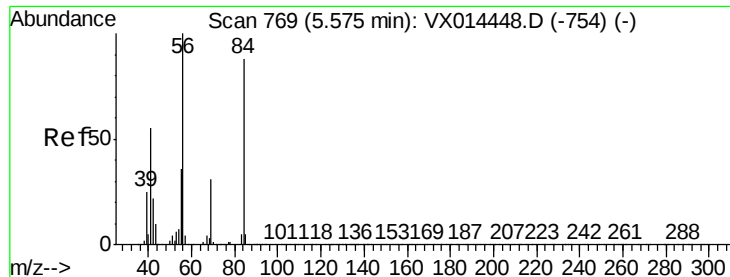
Delta R.T. -0.01 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.6	75.8





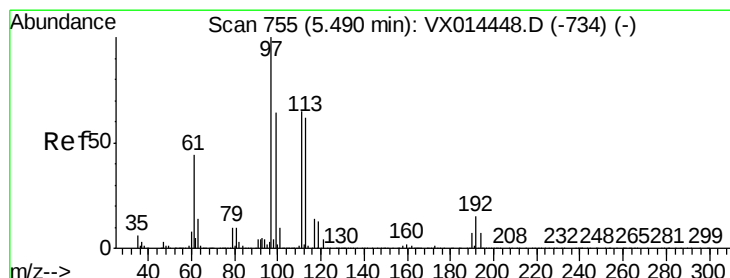
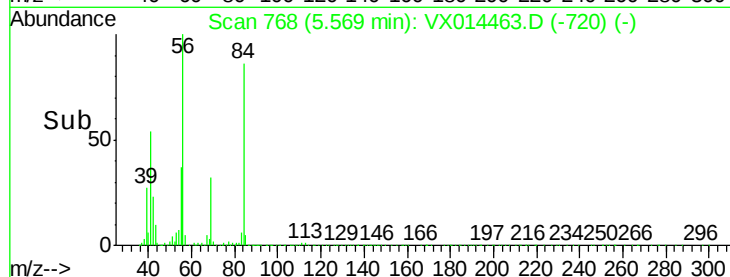
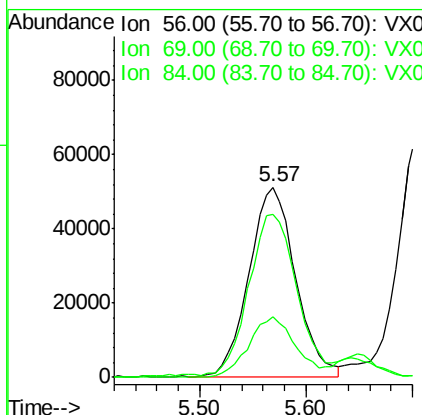
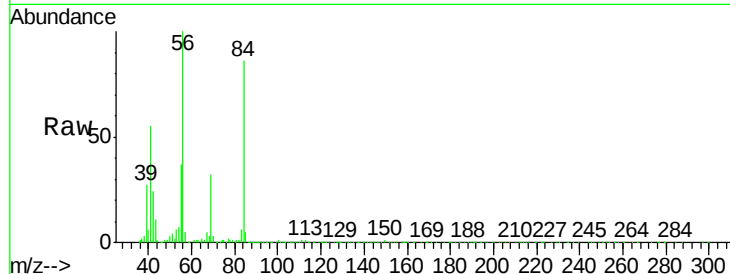
#31
Cyclohexane
Concen: 18.276 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.4	36.6
84	84.6	70.6	106.0

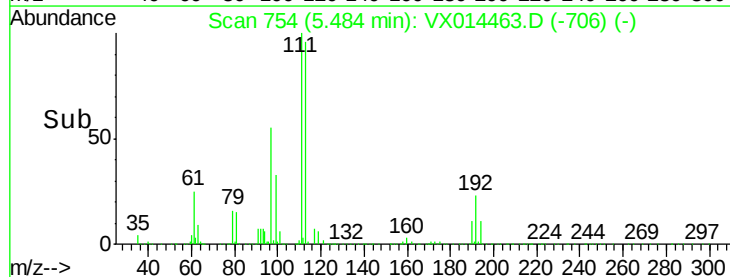
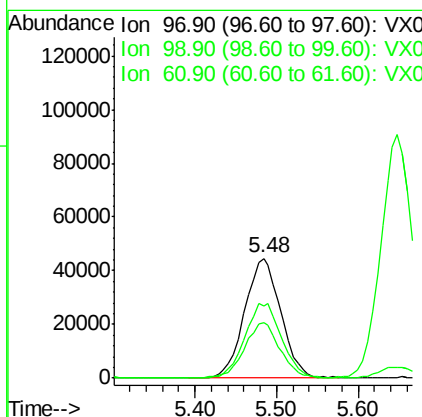
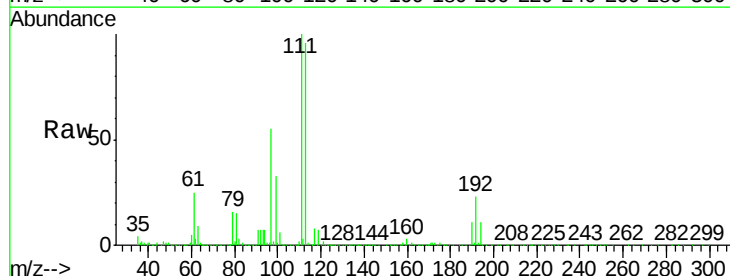
Manual Integrations
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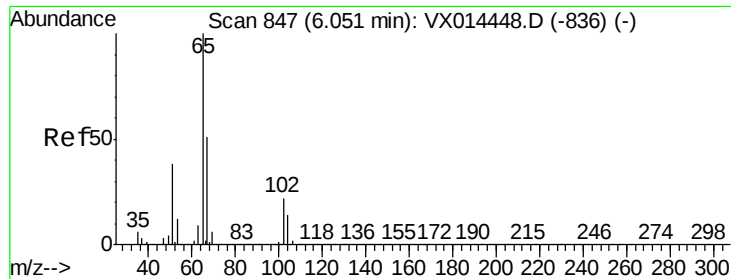
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.002 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.8	77.6
61	44.3	35.9	53.9





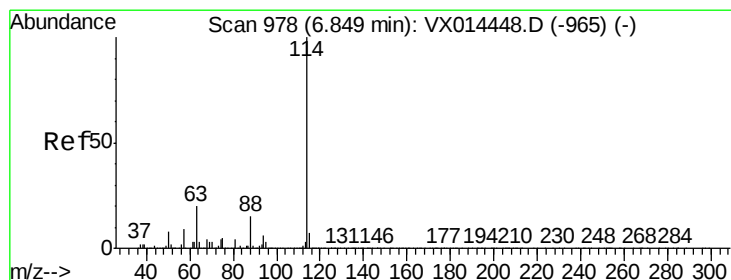
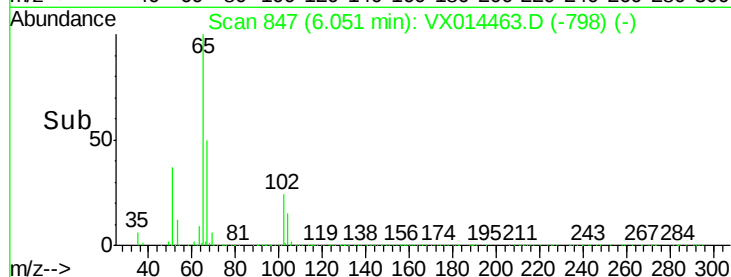
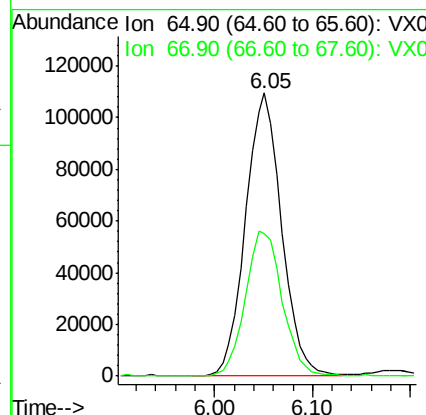
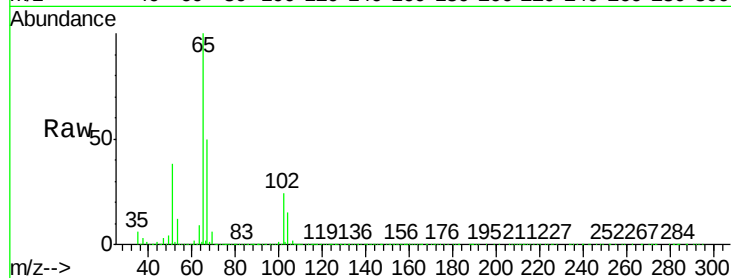
#33
 1,2-Dichloroethane-d4
 Concen: 49.998 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	279286		
67	52.1	0.0	106.2	

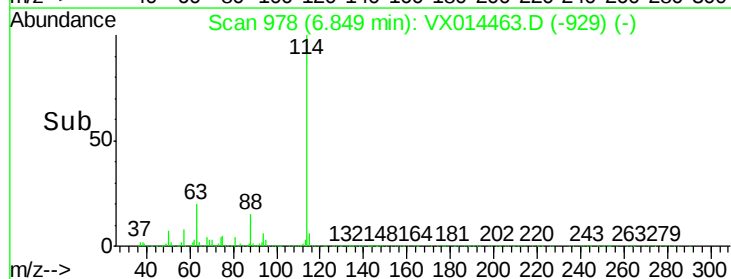
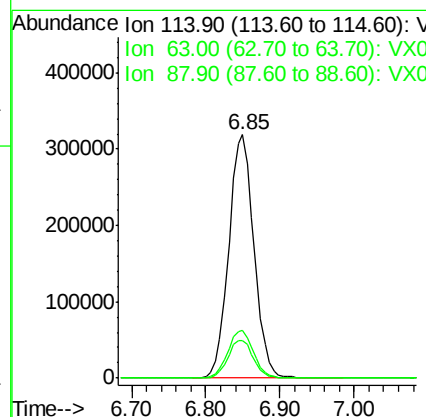
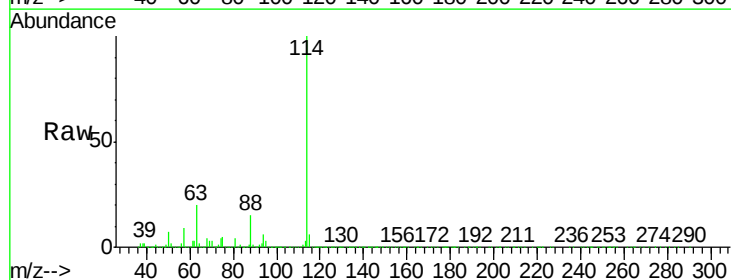
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	749429		
63	19.4	0.0	39.6	
88	15.3	0.0	30.8	





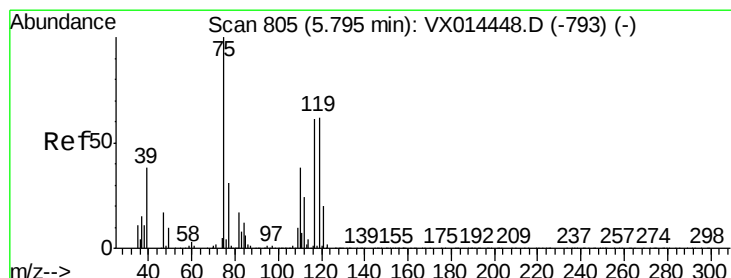
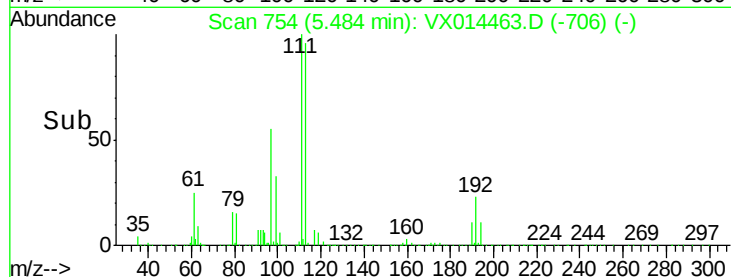
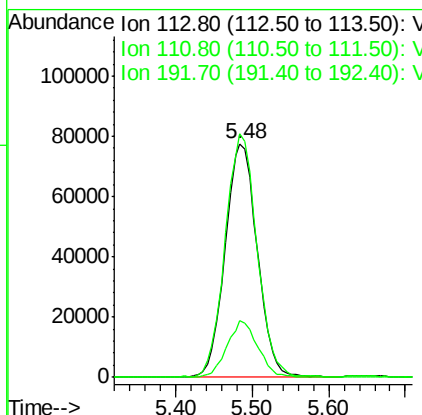
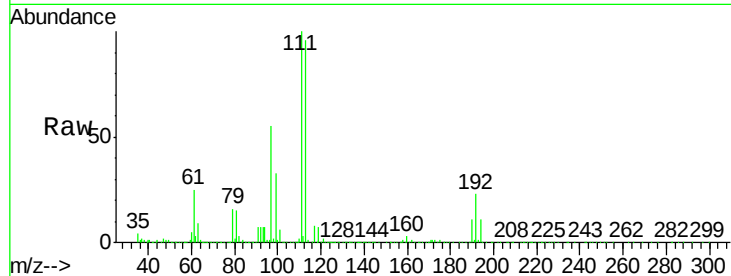
#35
Dibromofluoromethane
Concen: 49.655 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	225266		
111	103.6	81.5	122.3	
192	23.3	19.2	28.8	

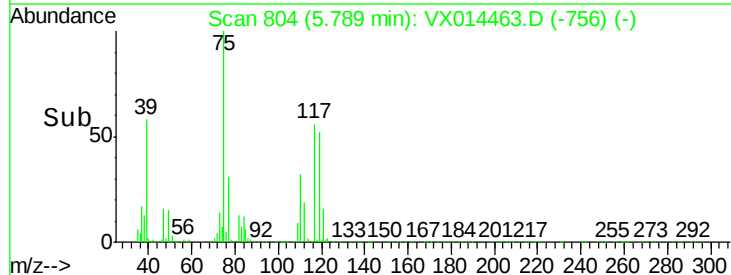
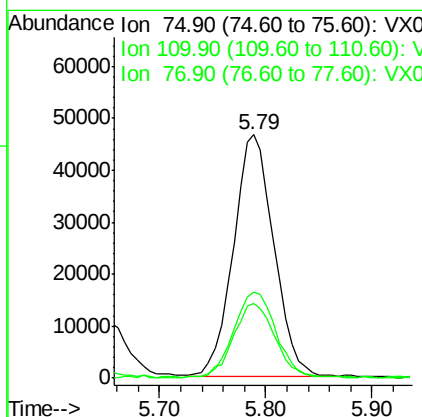
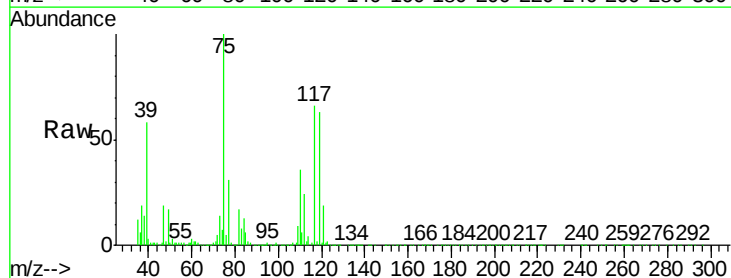
Manual Integrations
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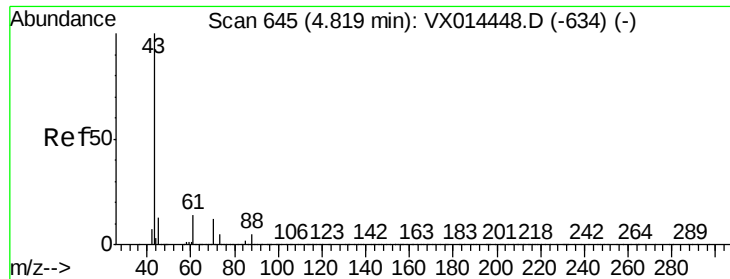
apatel
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#36
1,1-Dichloropropene
Concen: 17.557 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123733		
110	37.3	18.6	55.8	
77	31.2	24.5	36.7	





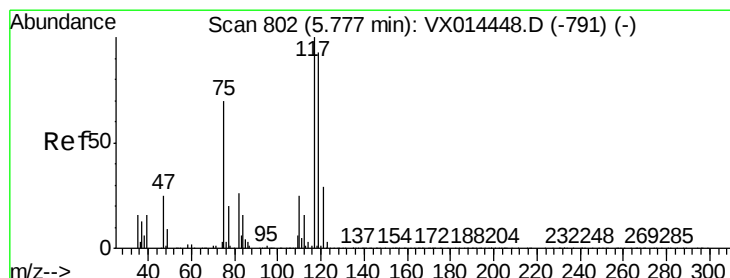
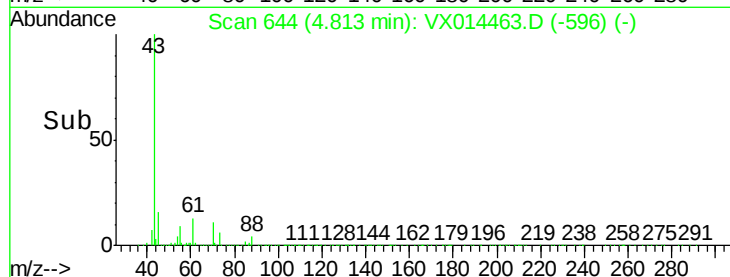
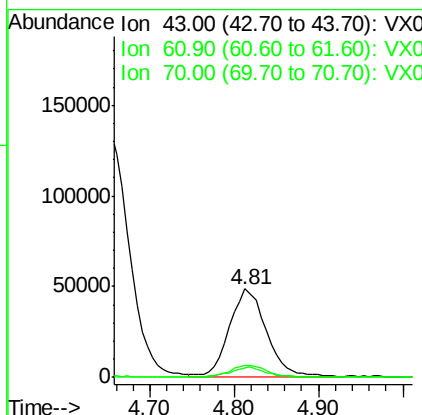
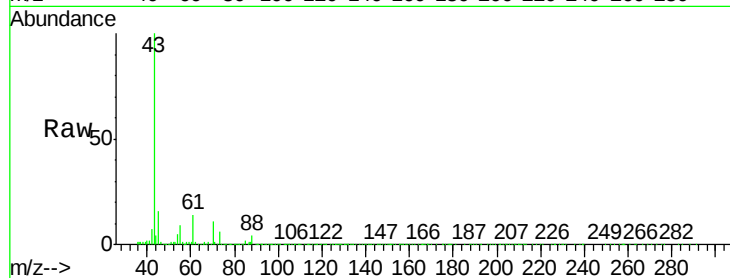
#37
Ethyl Acetate
Concen: 18.752 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampled :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	11.0	8.9	13.3

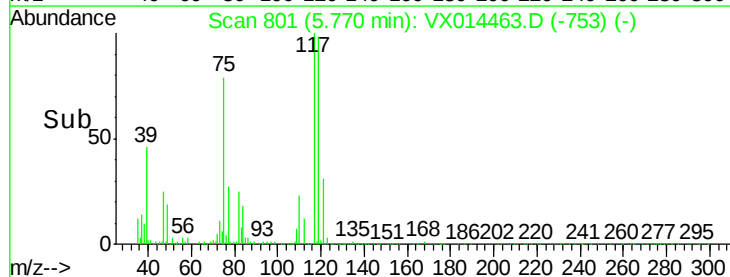
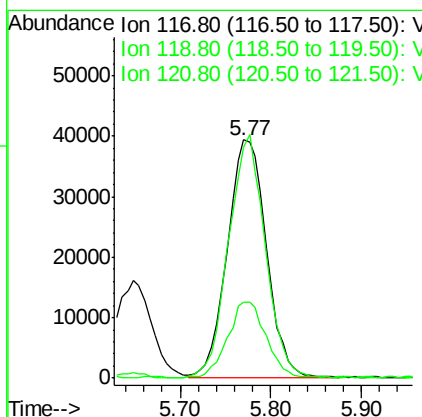
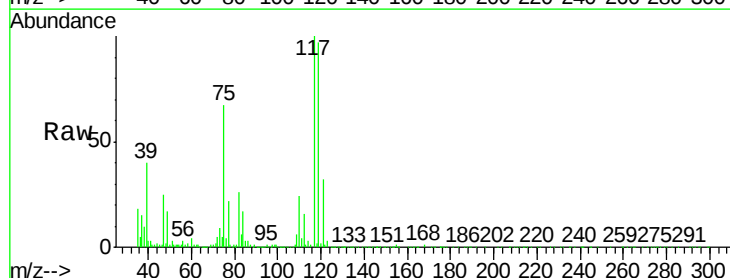
Manual Integrations
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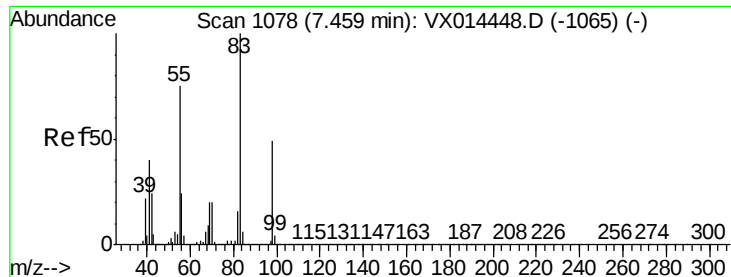
apatel
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#38
Carbon Tetrachloride
Concen: 18.057 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.8	110.8
121	31.5	23.4	35.0





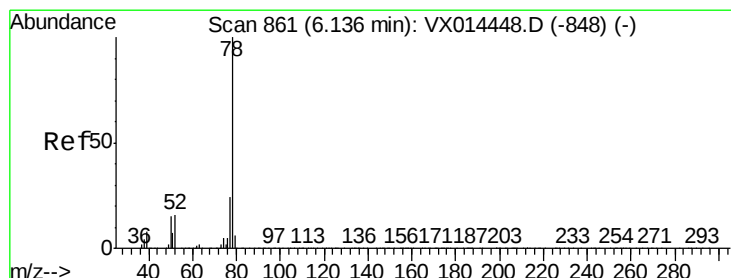
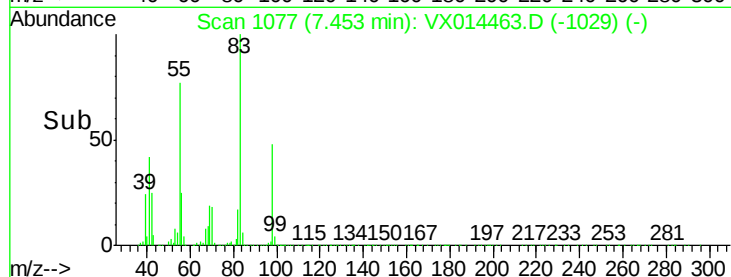
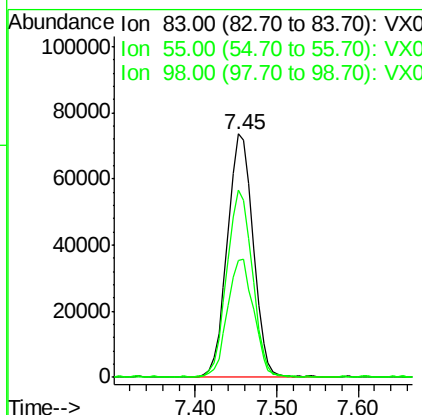
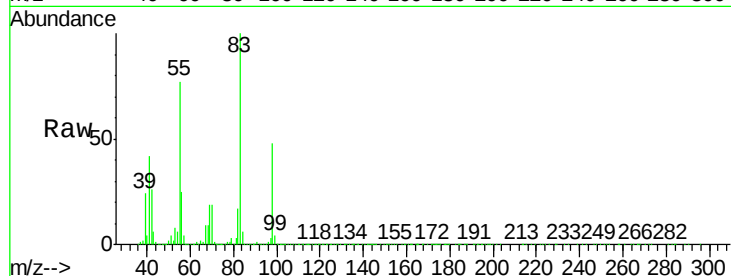
#39
Methylcyclohexane
Concen: 18.067 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.7	89.5
98	47.7	39.1	58.7

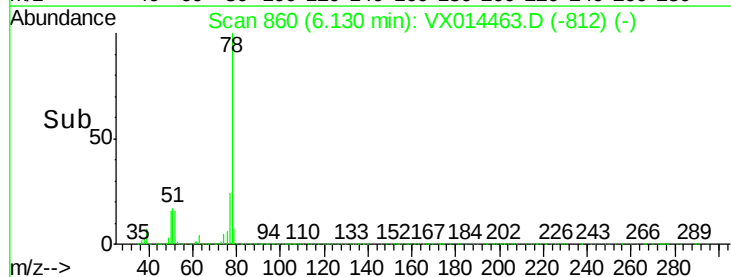
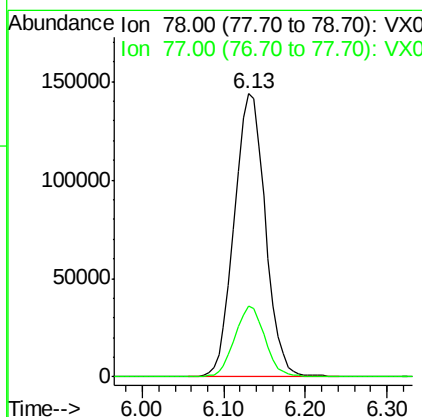
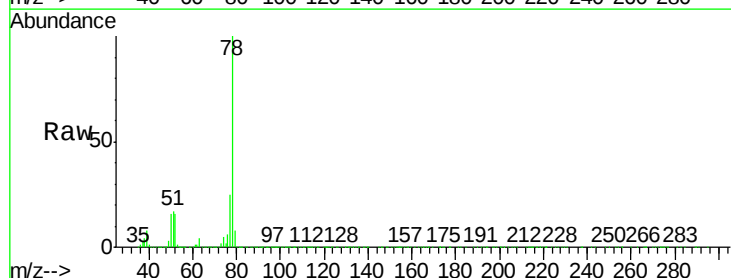
Manual Integrations
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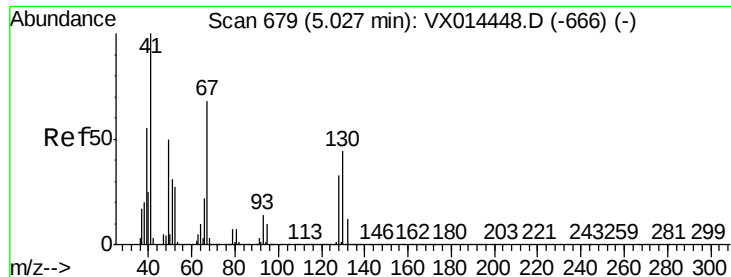
apatel
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#40
Benzene
Concen: 18.144 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.5	29.3





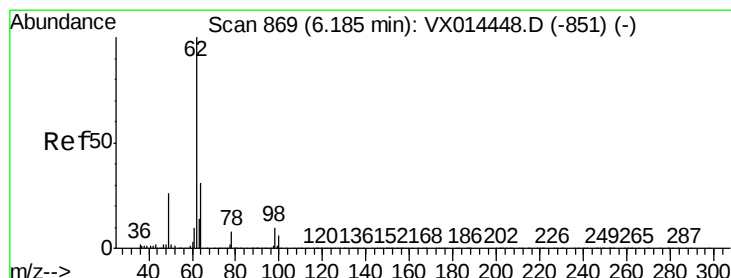
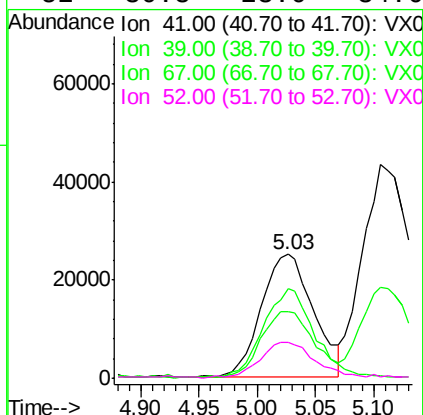
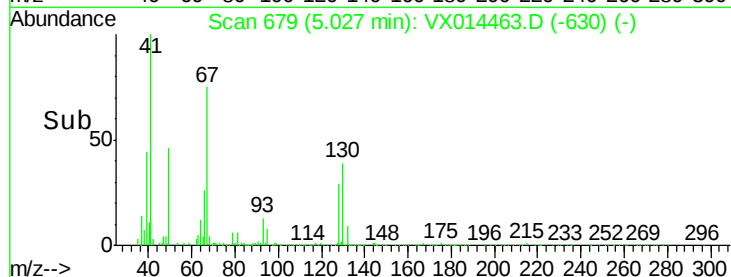
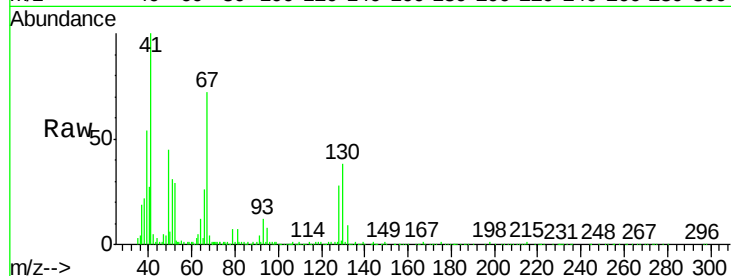
#41
Methacrylonitrile
Concen: 19.114 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.6	65.4
67	72.6	57.9	86.9
52	30.8	23.0	34.6

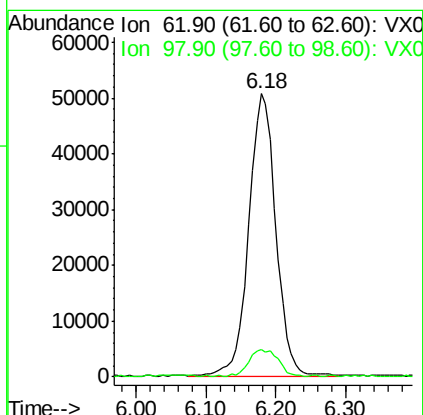
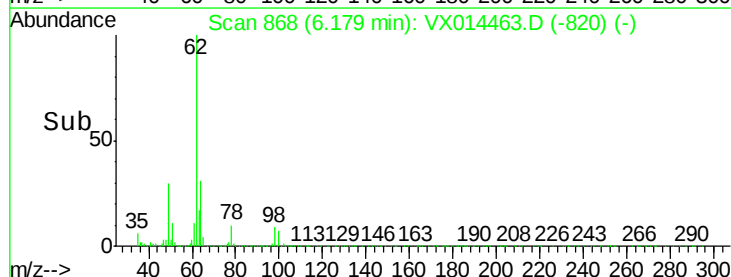
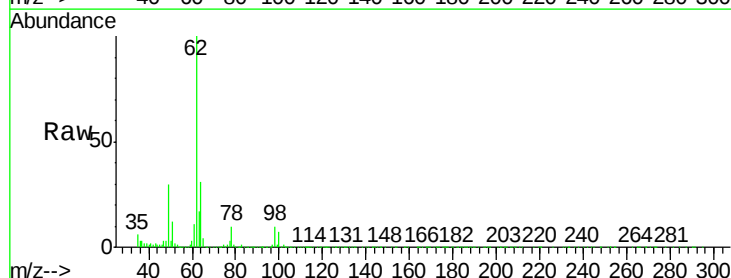
Manual Integrations
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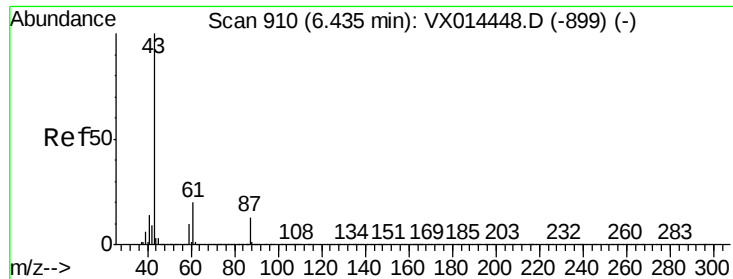
apatel
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#42
1,2-Dichloroethane
Concen: 18.531 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.4





#43

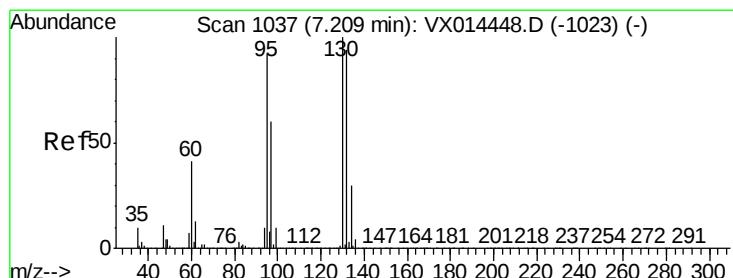
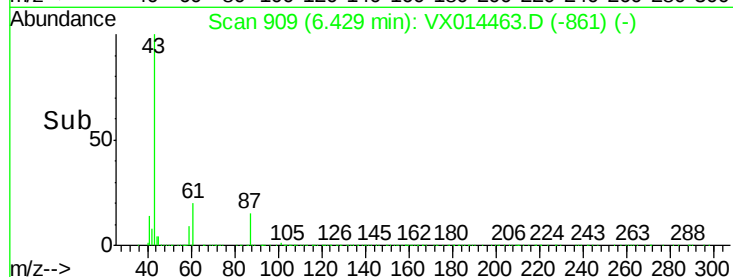
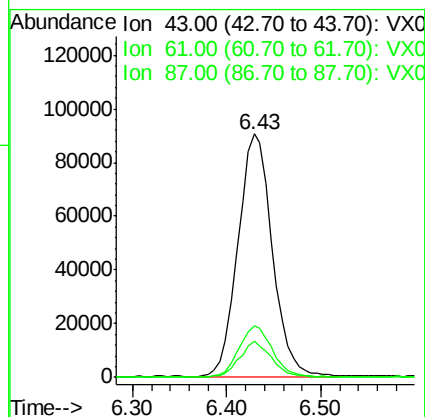
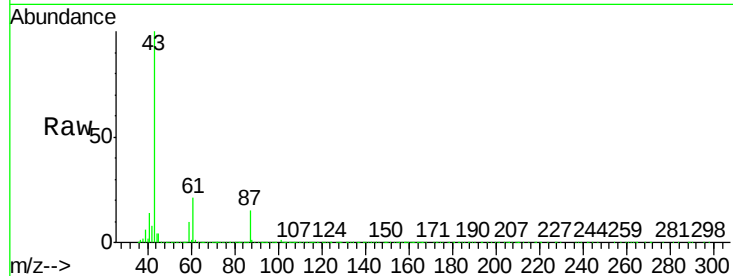
Isopropyl Acetate
 Concen: 18.606 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.3	10.8	16.2

Manual Integrations
 APPROVED

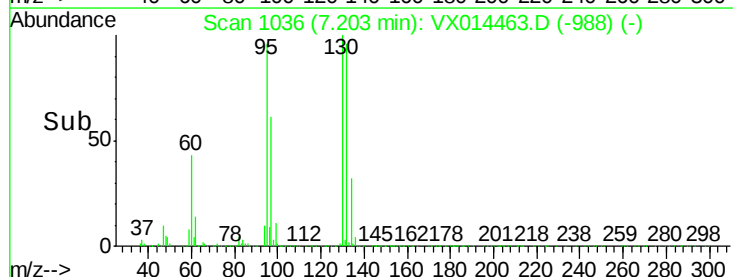
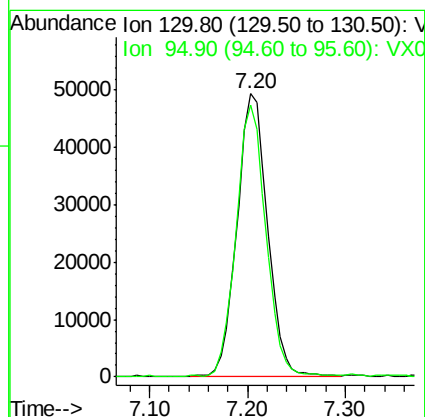
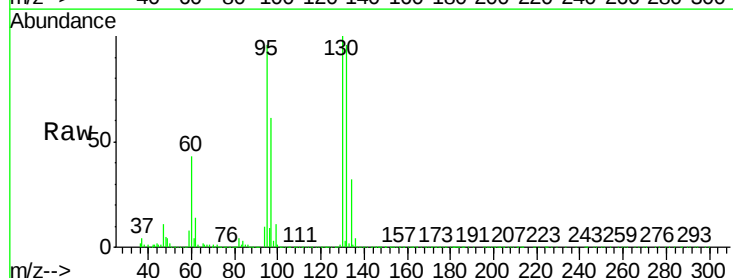
apatel
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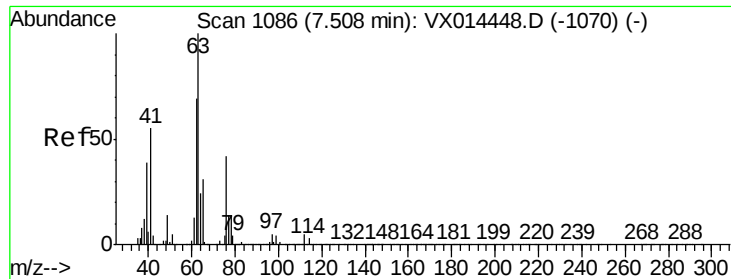


#44

Trichloroethene
 Concen: 17.742 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	184.2





#45

1,2-Dichloropropane

Concen: 18.803 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 63 Resp: 100276

Ion Ratio Lower Upper

63 100

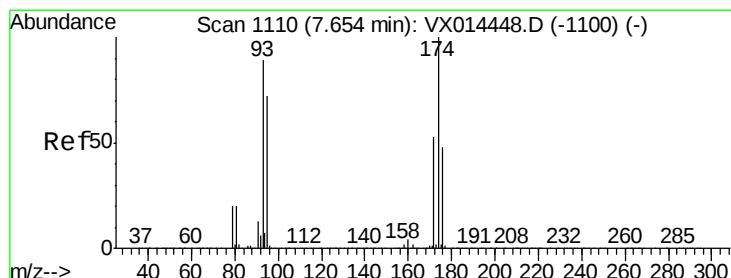
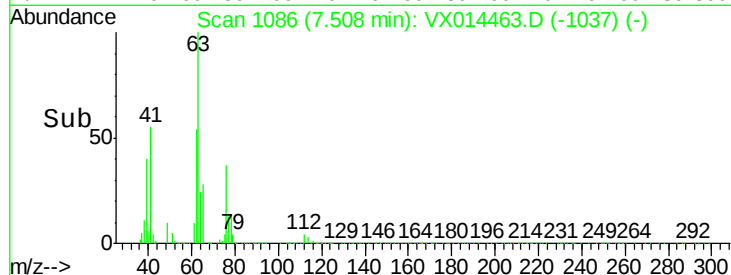
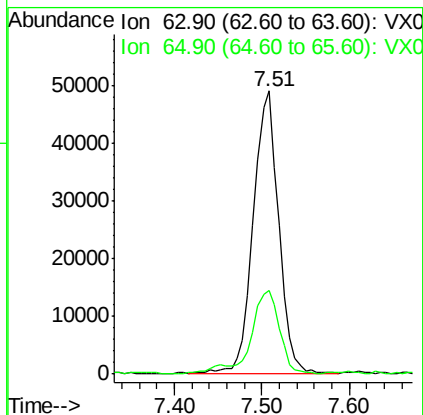
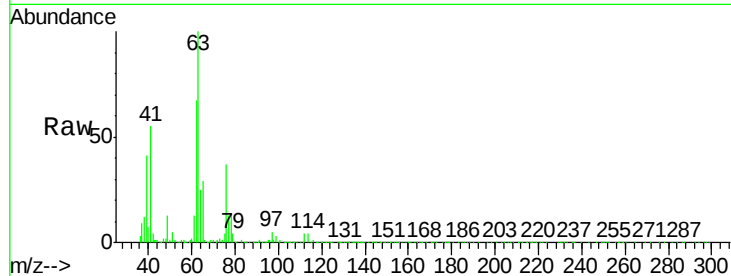
65 29.0 24.8 37.2

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#46

Dibromomethane

Concen: 17.518 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

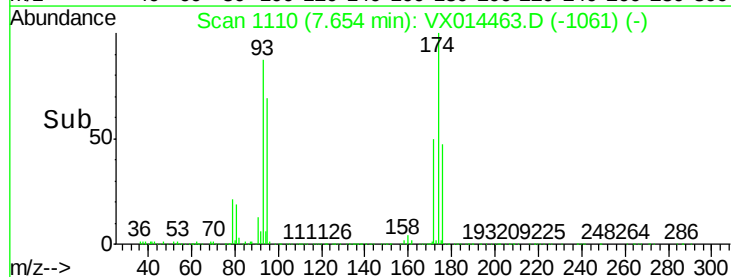
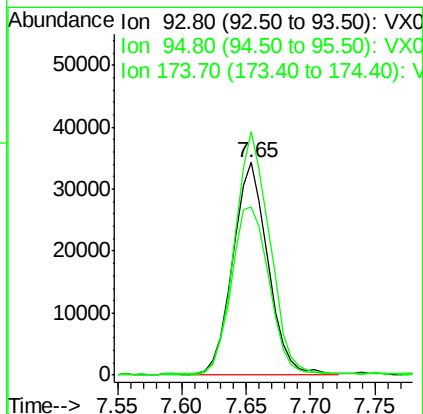
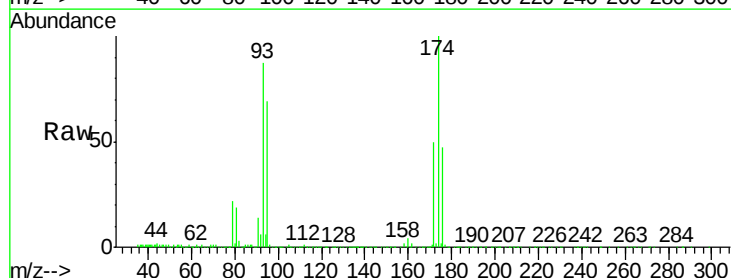
Tgt Ion: 93 Resp: 65206

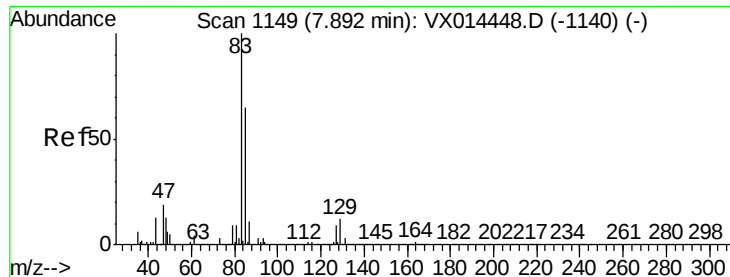
Ion Ratio Lower Upper

93 100

95 83.9 65.4 98.2

174 115.1 93.0 139.4





#47

Bromodichloromethane

Concen: 18.454 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

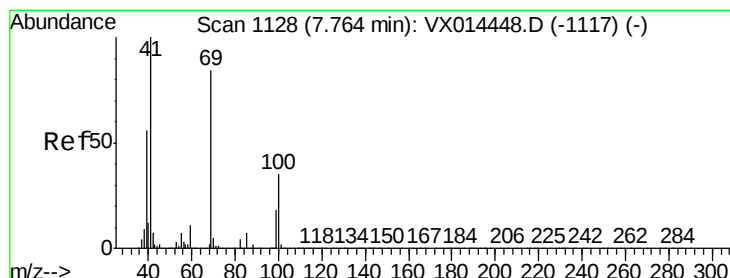
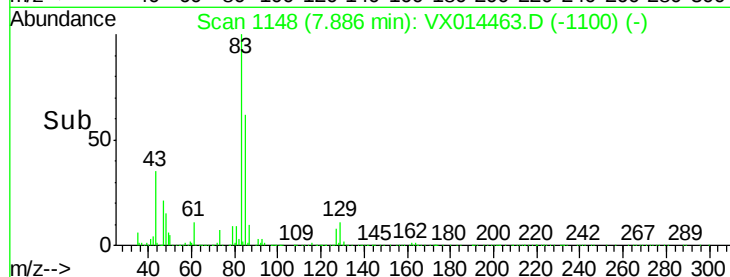
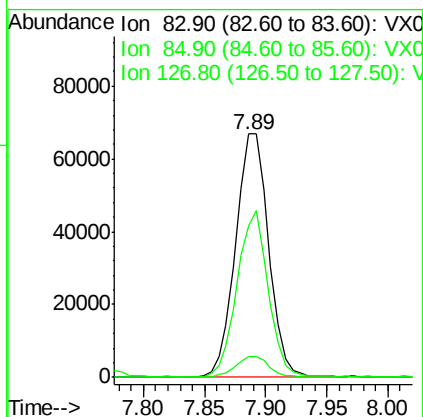
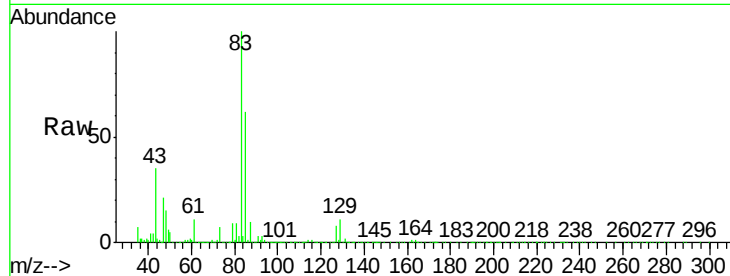
ClientSampleId :

VX0108WBSD01

Tgt Ion:	83	Resp:	124987
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.7	77.5
127	8.4	7.1	10.7

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#48

Methyl methacrylate

Concen: 18.988 ug/l

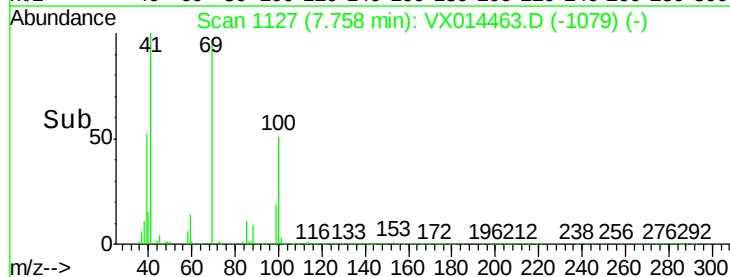
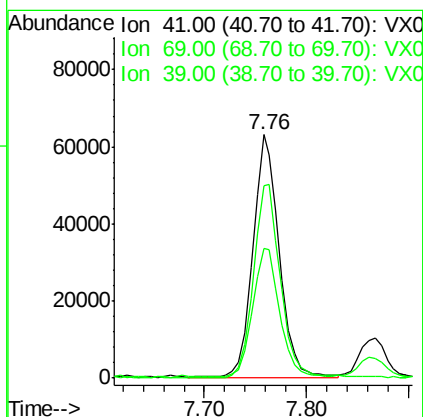
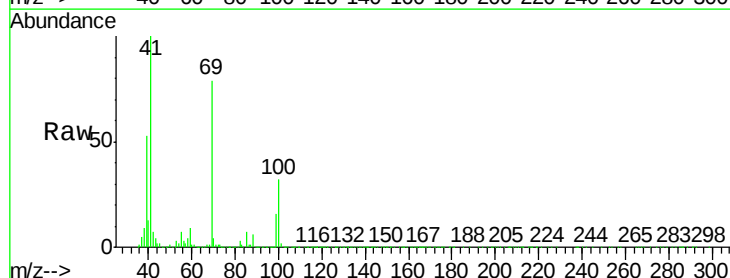
RT: 7.76 min Scan# 1127

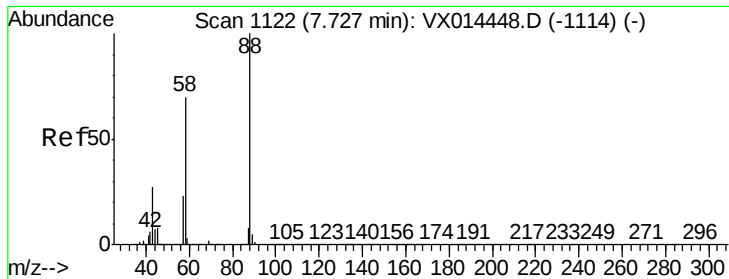
Delta R.T. -0.01 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion:	41	Resp:	112463
Ion Ratio	Lower	Upper	
41	100		
69	82.0	65.5	98.3
39	54.0	43.9	65.9





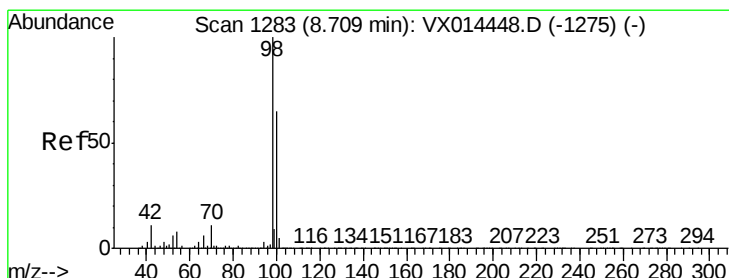
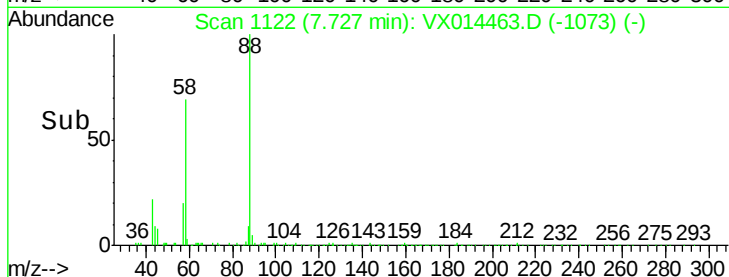
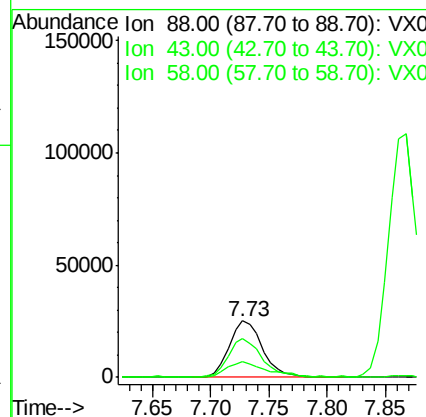
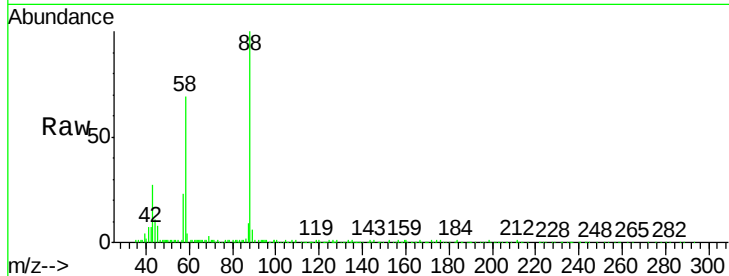
#49
1,4-Dioxane
Concen: 394.302 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.4	41.0
58	69.7	57.1	85.7

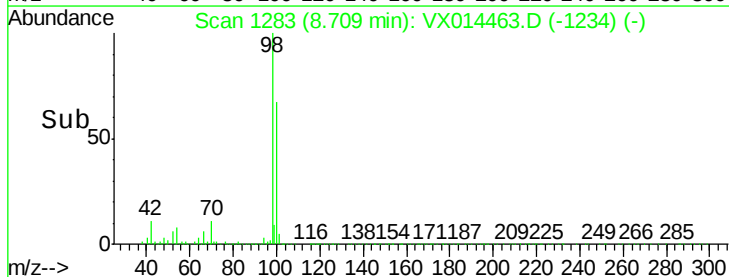
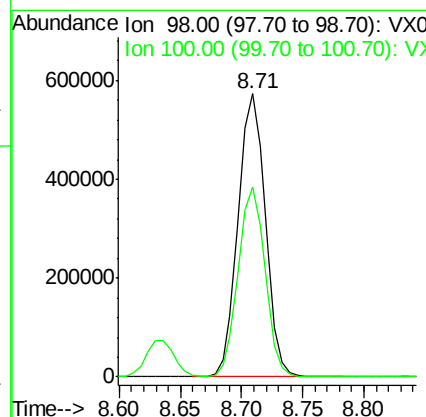
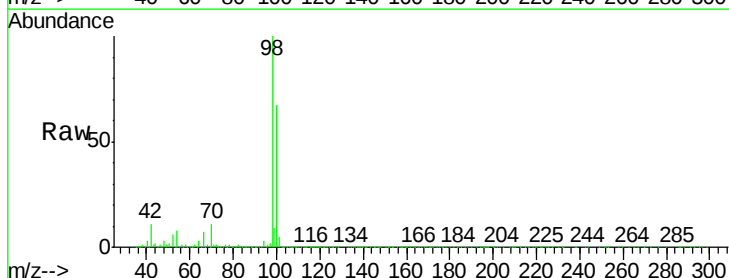
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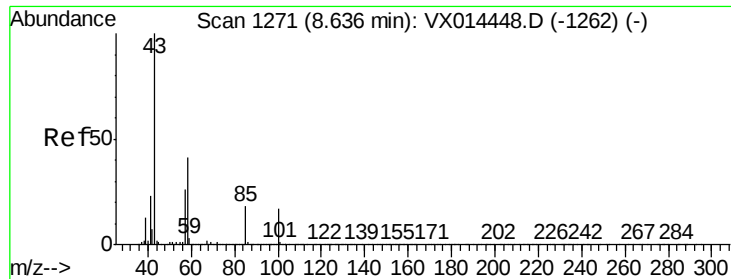
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#50
Toluene-d8
Concen: 50.133 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.2	79.8





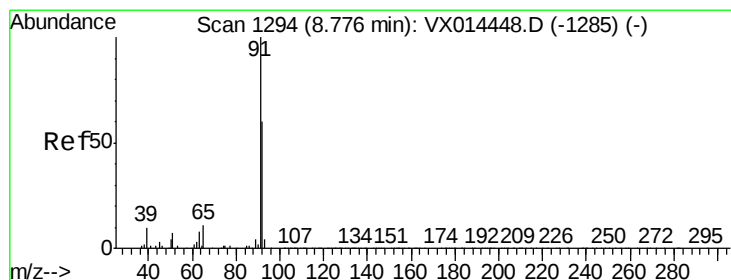
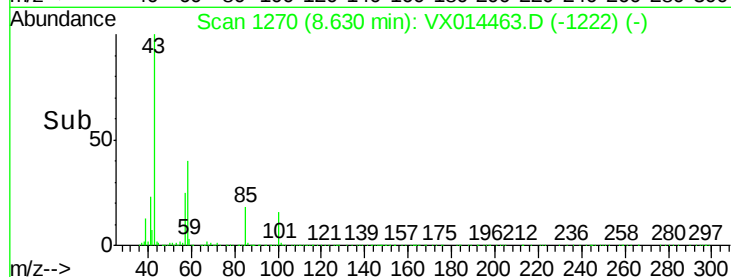
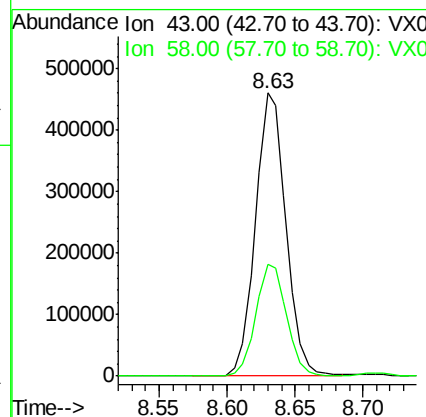
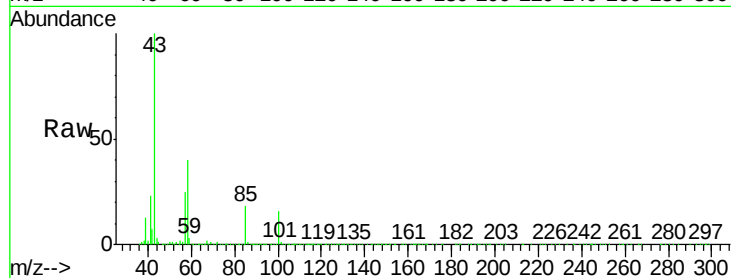
#51
4-Methyl-2-Pentanone
Concen: 95.852 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.4	48.6

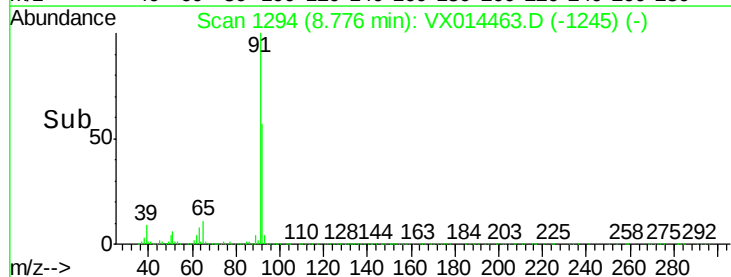
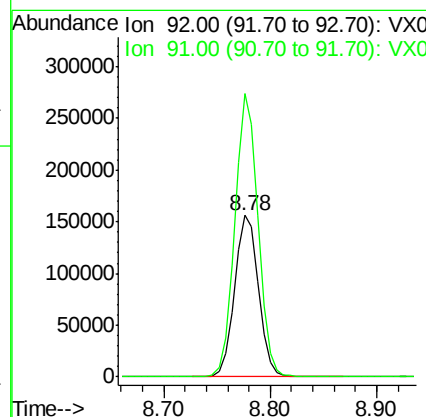
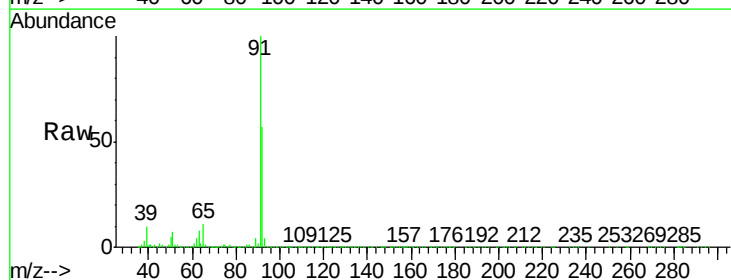
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#52
Toluene
Concen: 18.242 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 17.916 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 75 Resp: 141269

Ion Ratio Lower Upper

75 100

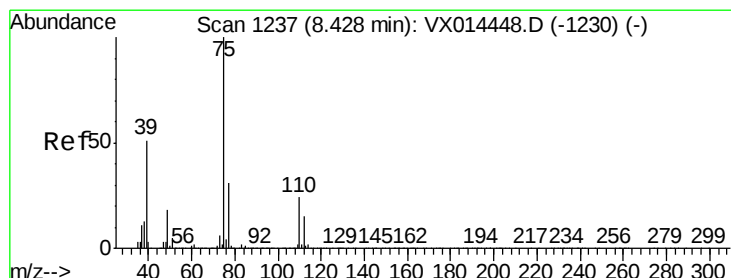
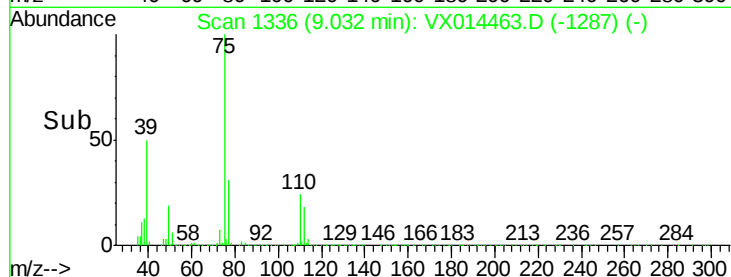
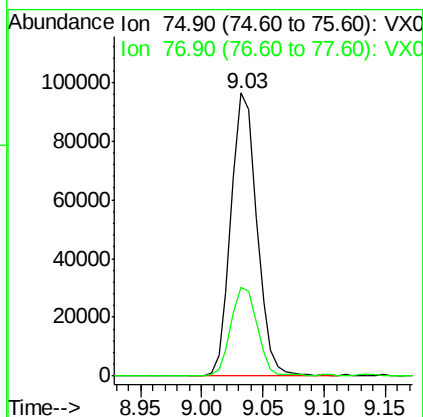
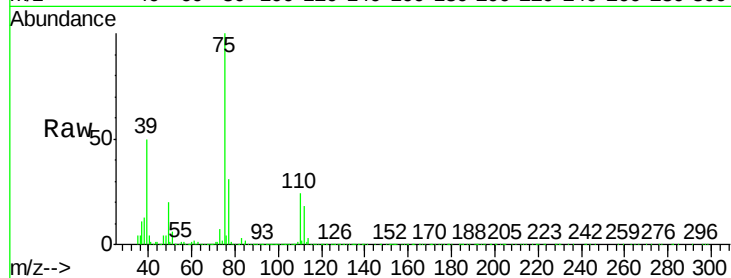
77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 18.394 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

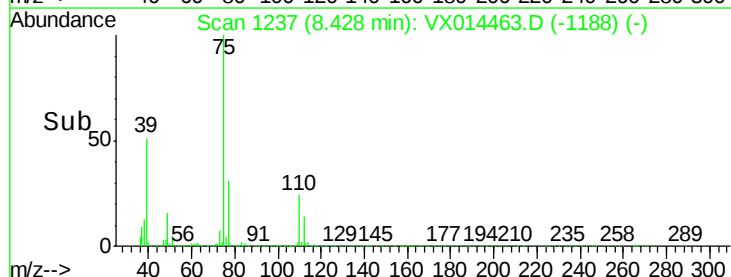
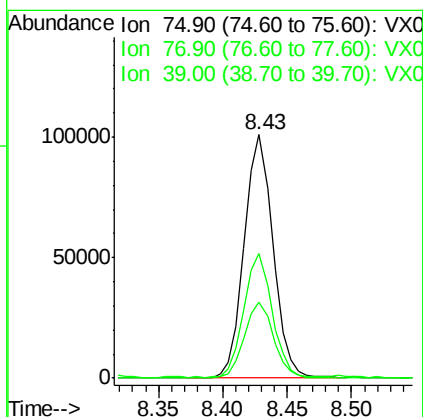
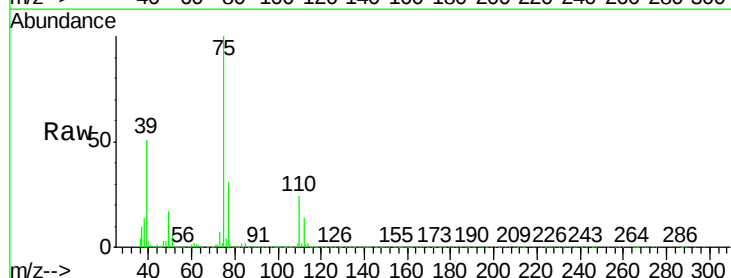
Tgt Ion: 75 Resp: 156672

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 51.4 40.7 61.1





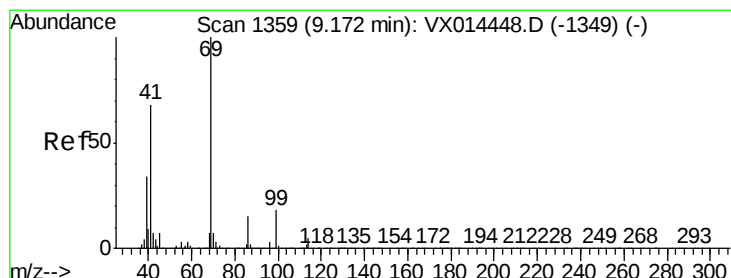
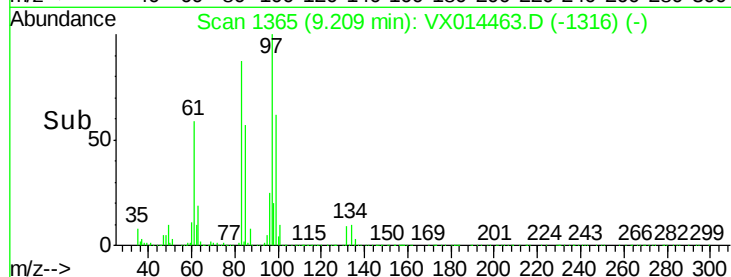
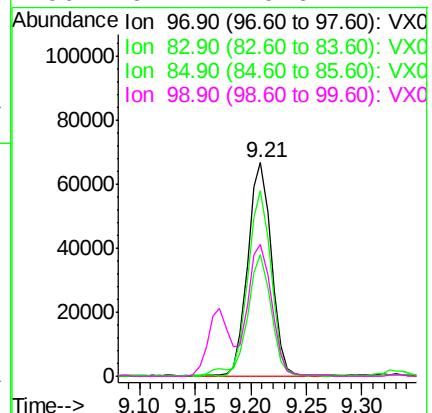
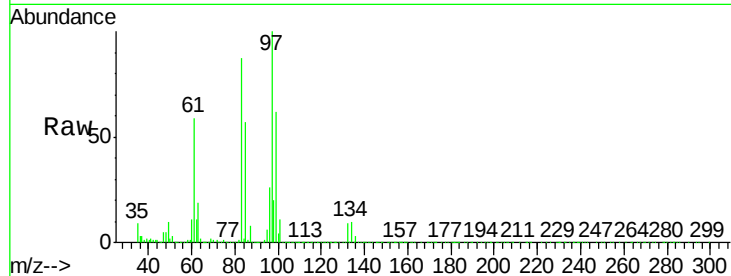
#55
 1,1,2-Trichloroethane
 Concen: 18.282 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	98325		
83	87.1	66.4	99.6	
85	56.9	43.4	65.2	
99	61.4	49.6	74.4	

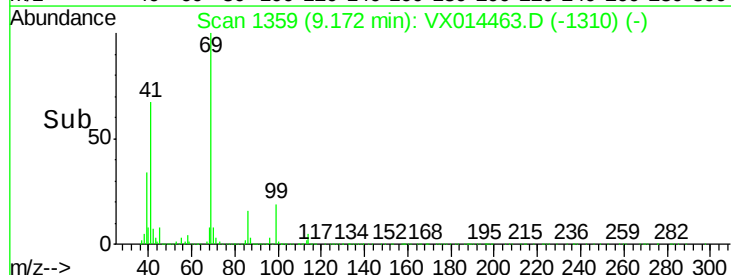
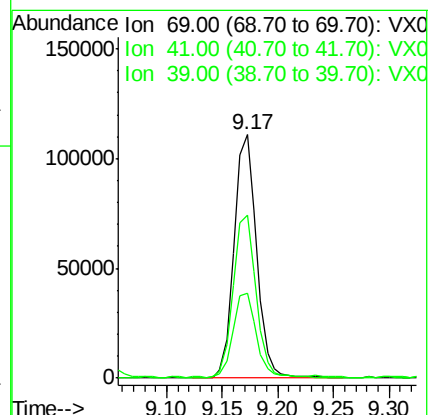
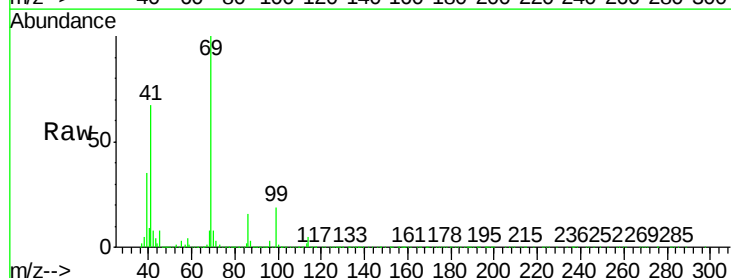
Manual Integrations
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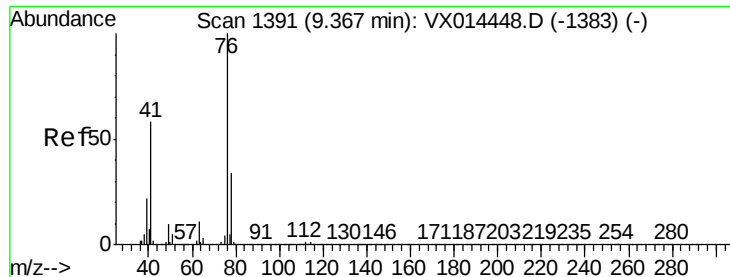
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#56
 Ethyl methacrylate
 Concen: 18.735 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	154370		
41	68.1	54.2	81.2	
39	37.2	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 18.753 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 76 Resp: 168635

Ion Ratio Lower Upper

76 100

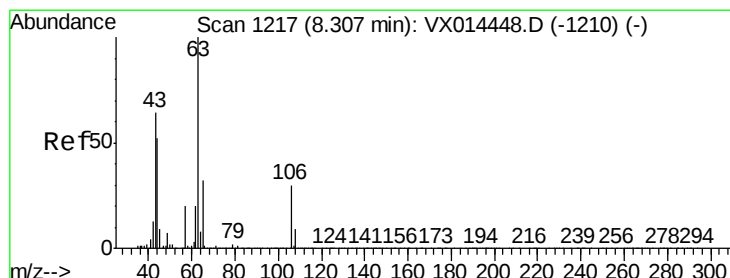
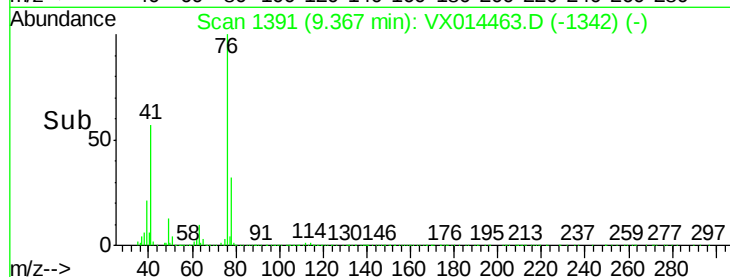
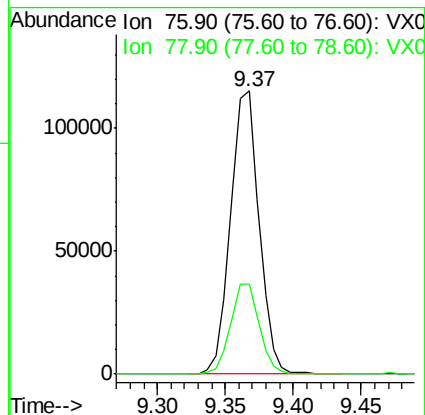
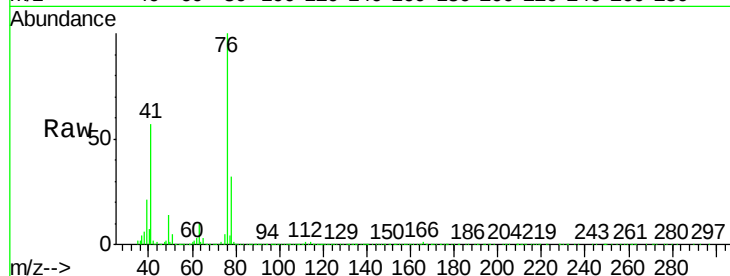
78 32.4 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 100.569 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014463.D

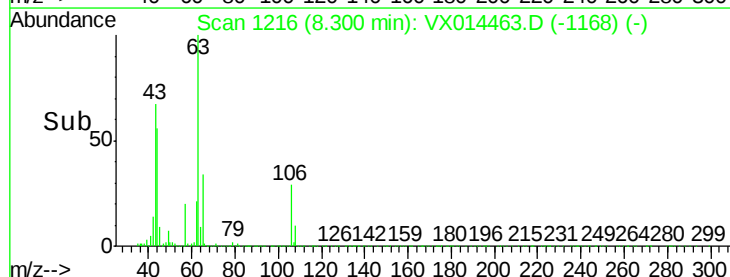
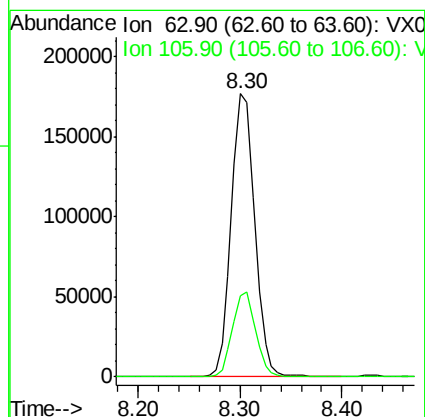
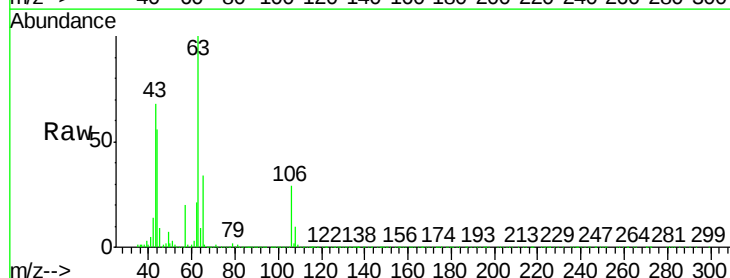
Acq: 08 Jan 2020 12:05

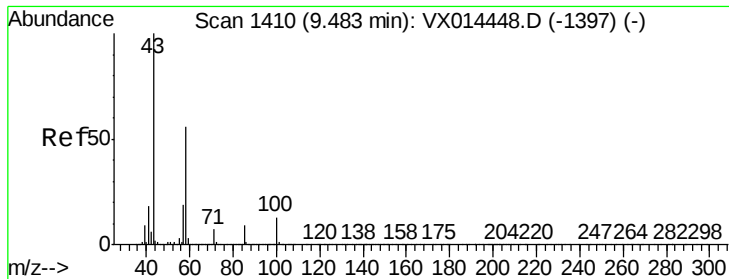
Tgt Ion: 63 Resp: 281941

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4





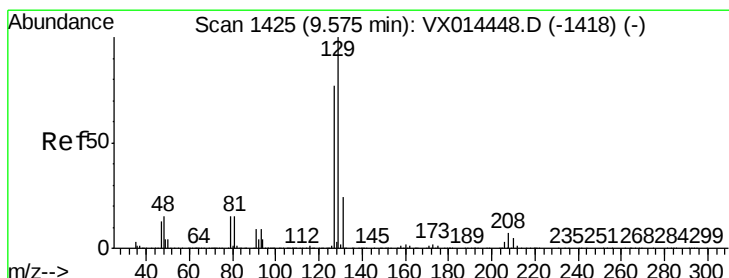
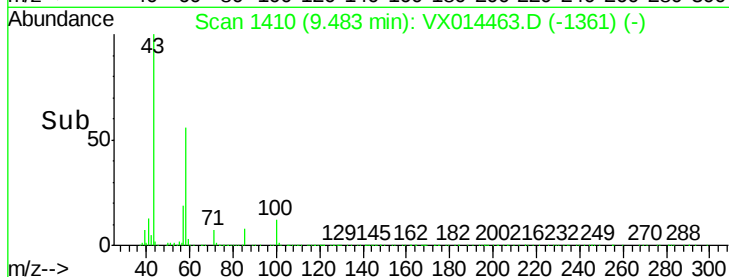
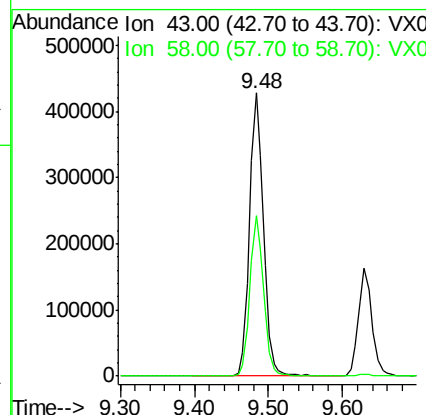
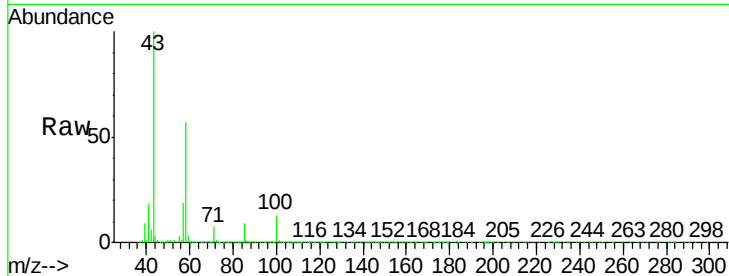
#59
2-Hexanone
Concen: 94.682 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion: 43 Resp: 564558
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.7

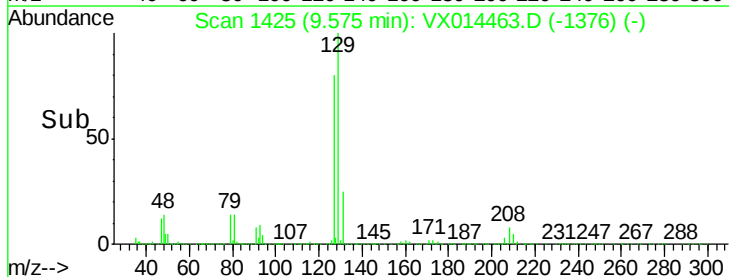
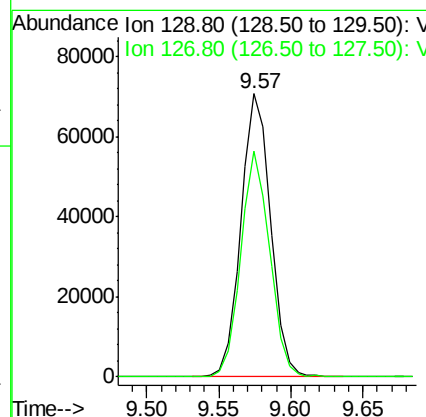
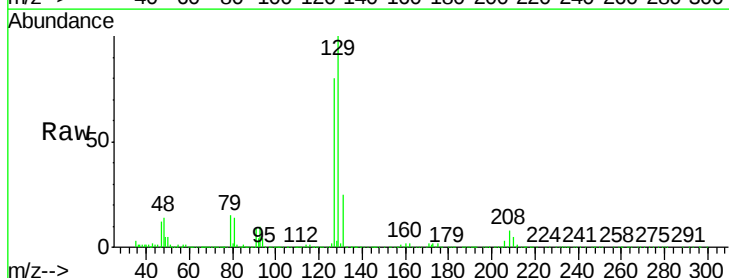
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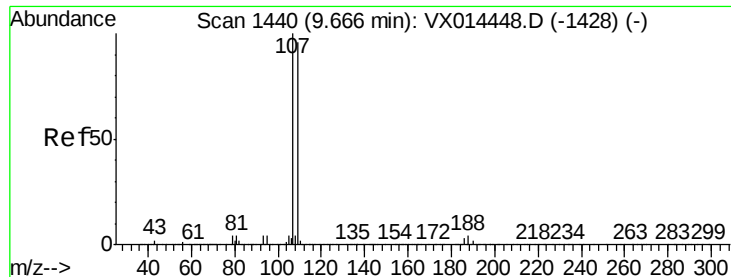
apatel
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#60
Dibromochloromethane
Concen: 18.647 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion: 129 Resp: 100803
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





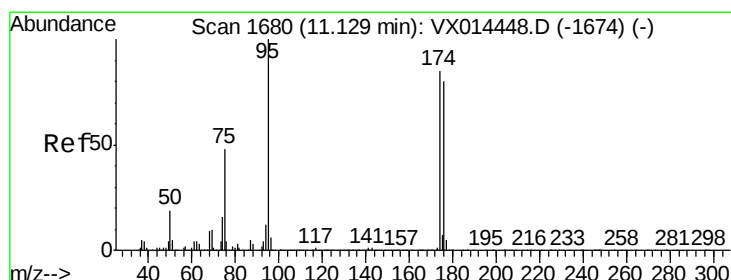
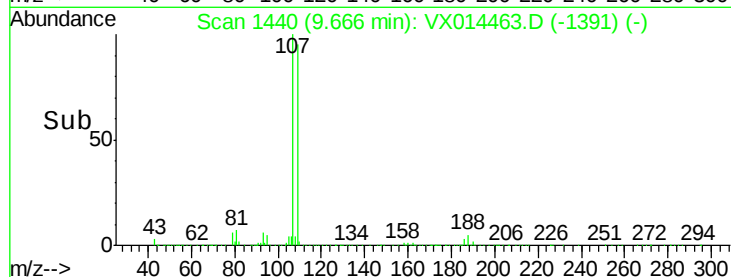
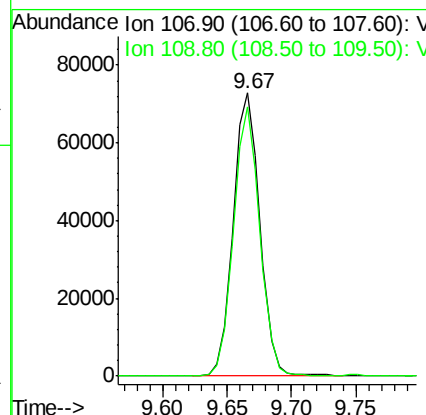
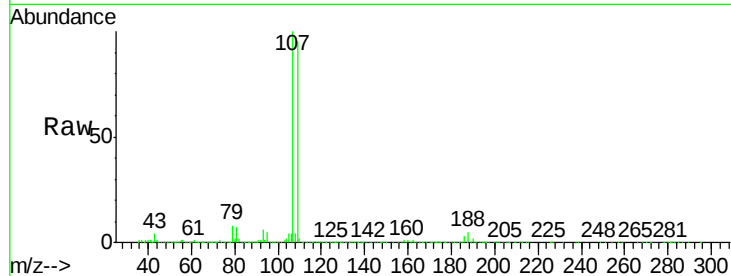
#61
 1,2-Dibromoethane
 Concen: 18.567 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	105782		
109	94.5	76.5	114.7	

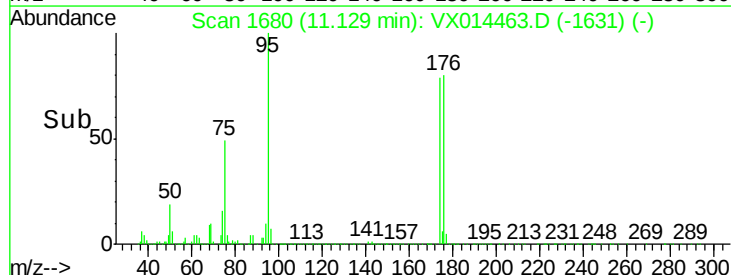
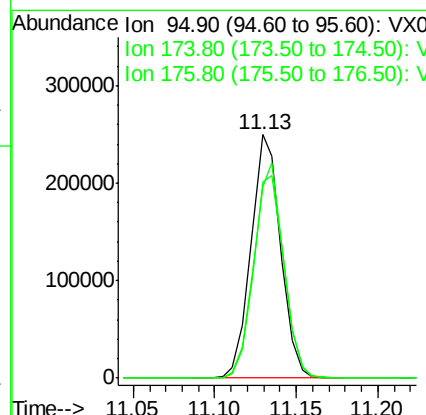
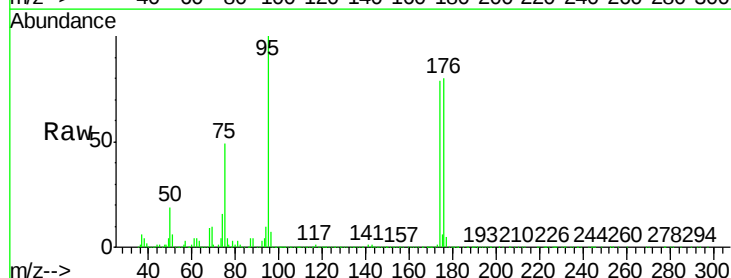
Manual Integrations
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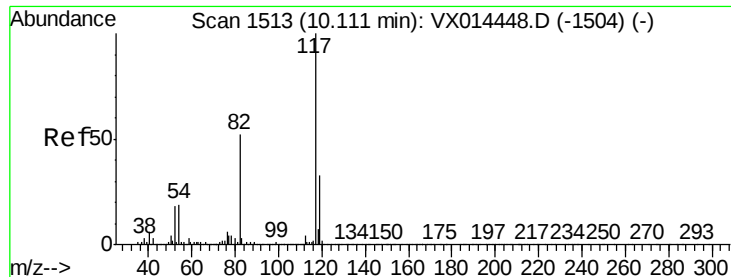
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.865 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	315817		
174	88.5	0.0	180.8	
176	86.4	0.0	172.8	





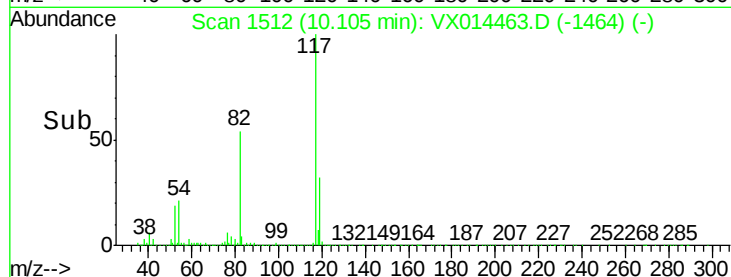
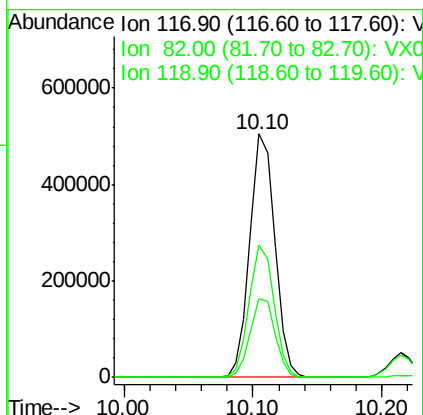
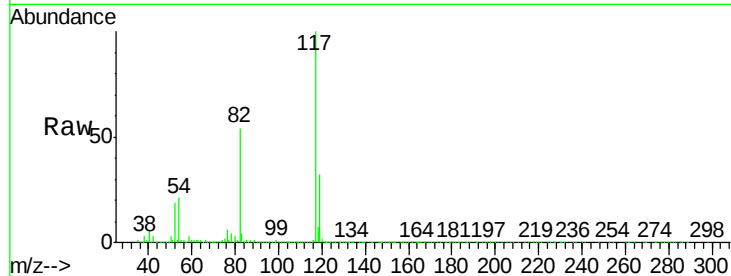
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.3	41.8	62.6
119	32.3	26.2	39.4

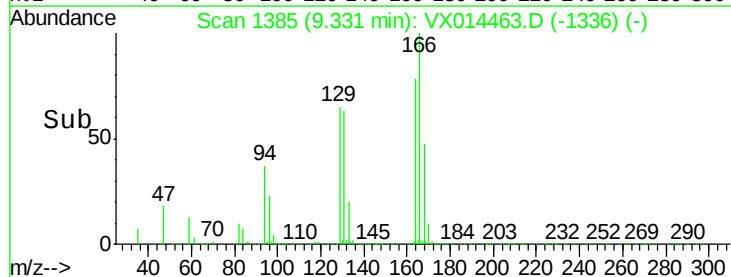
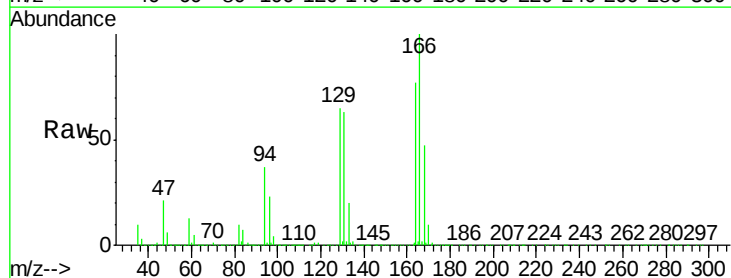
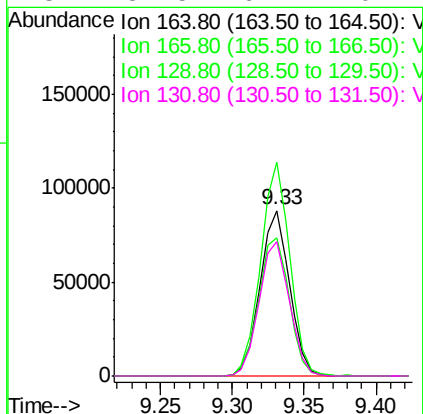
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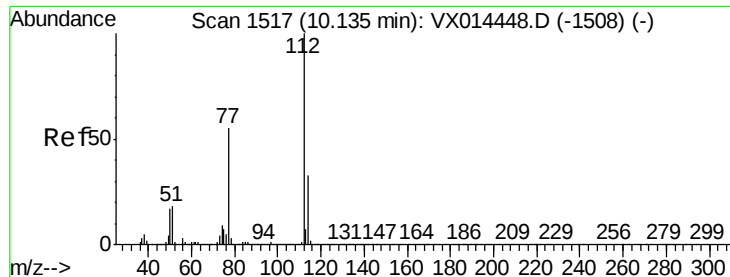
apatel
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#64
Tetrachloroethene
Concen: 18.328 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	129.1	101.2	151.8
129	83.5	68.3	102.5
131	81.5	67.4	101.2





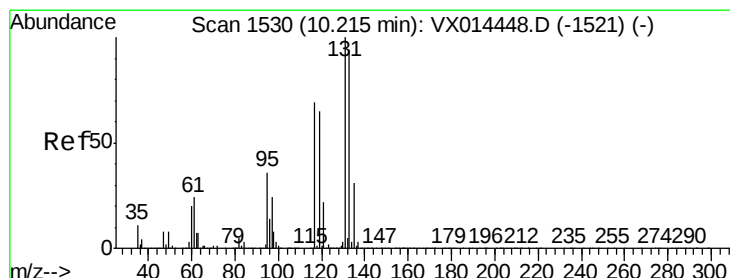
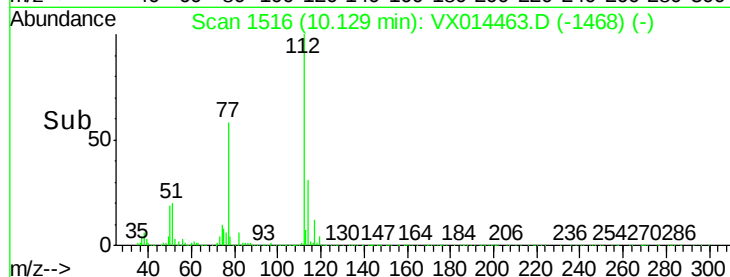
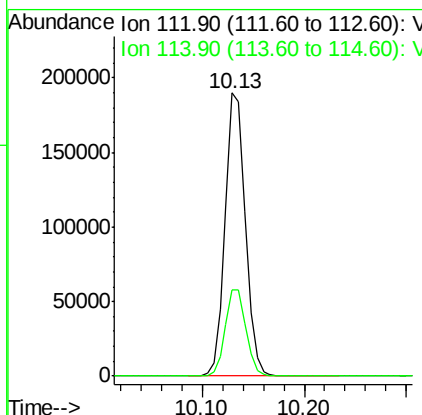
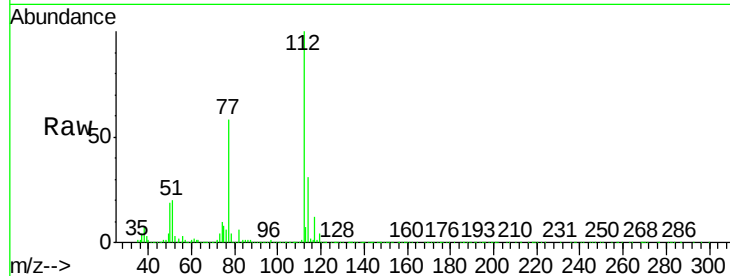
#65
Chlorobenzene
Concen: 17.807 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	261083		
114	30.5	26.2	39.4	

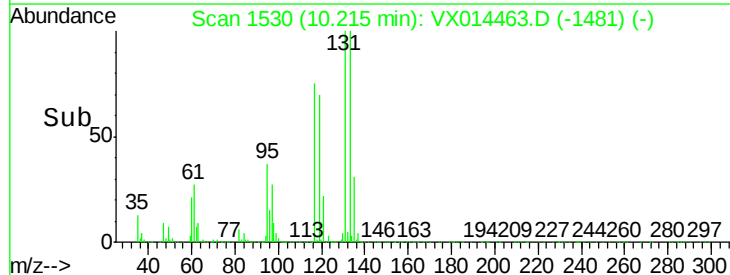
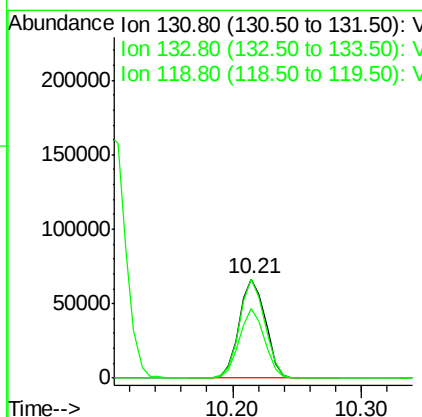
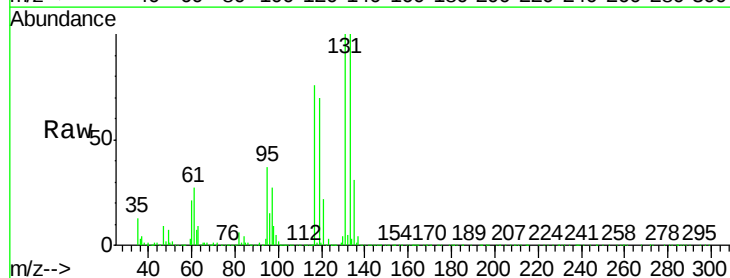
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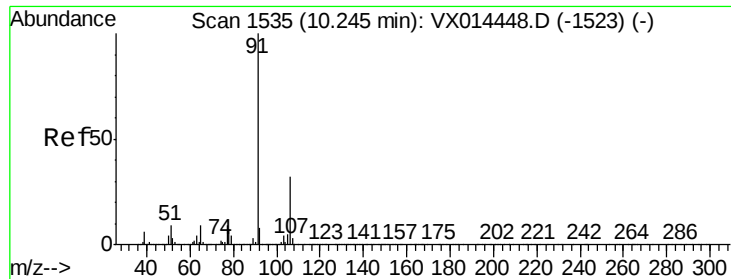
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.876 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	93533		
133	97.1	47.3	142.0	
119	67.1	32.8	98.4	





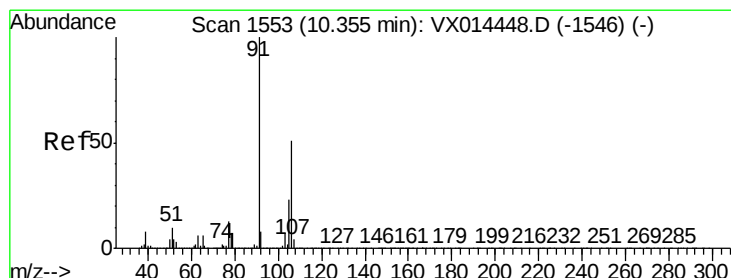
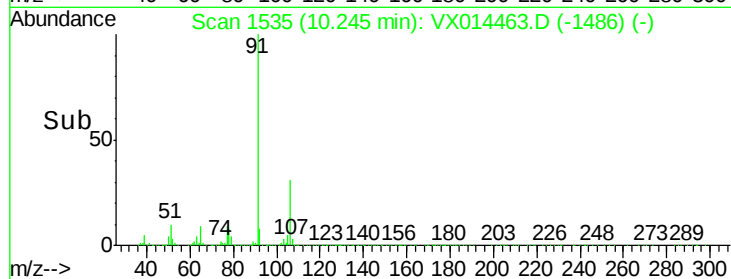
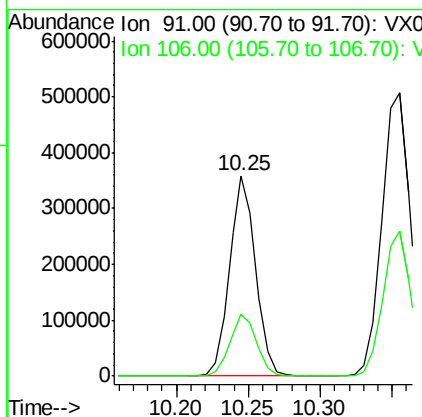
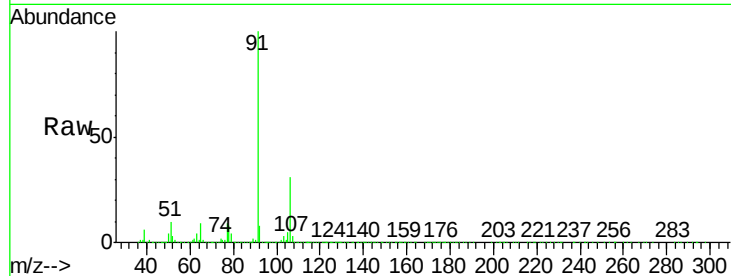
#67
Ethyl Benzene
Concen: 18.172 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion: 91 Resp: 454136
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

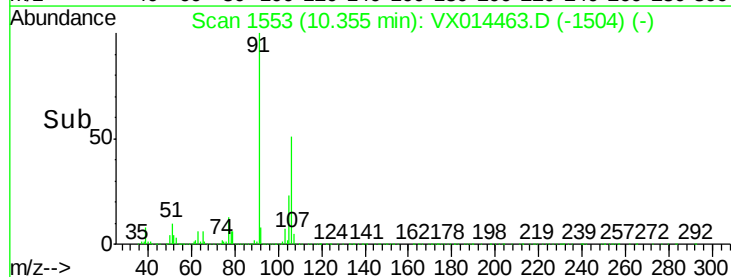
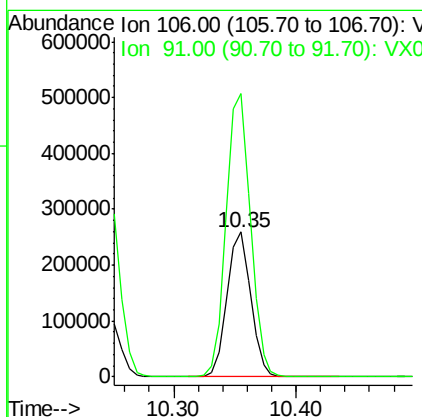
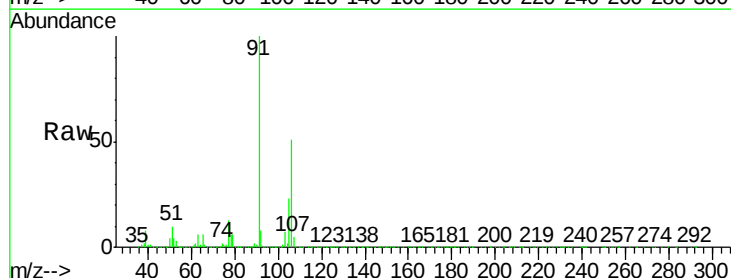
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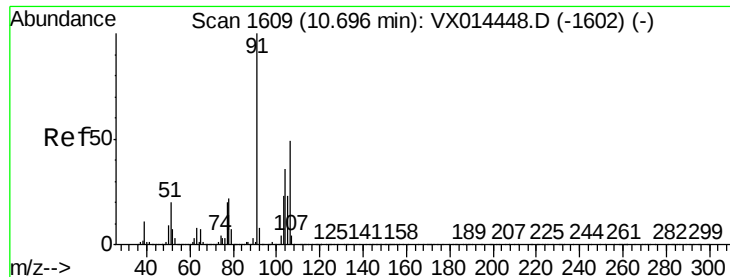
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#68
m/p-Xylenes
Concen: 35.919 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion: 106 Resp: 346302
Ion Ratio Lower Upper
106 100
91 200.7 157.4 236.0





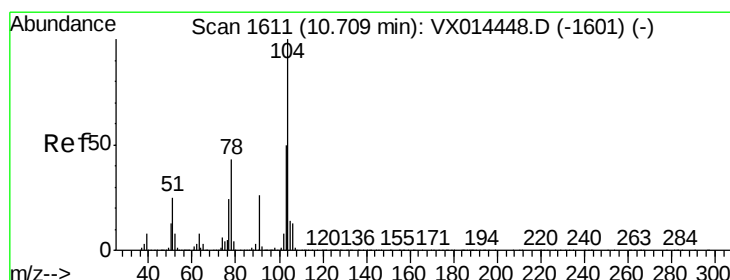
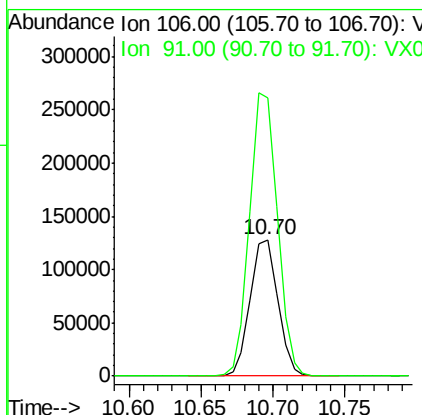
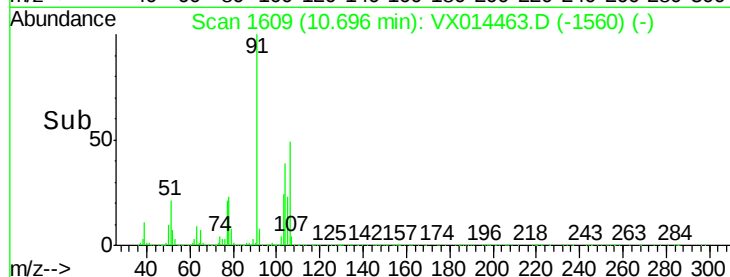
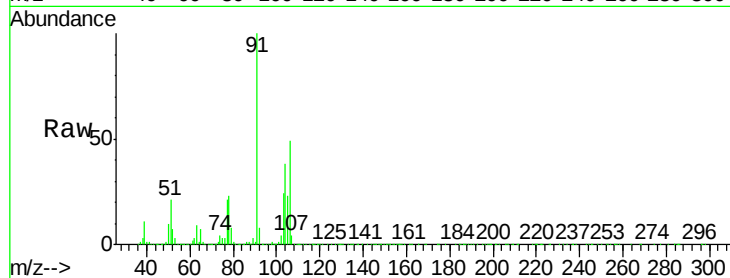
#69
o-Xylene
Concen: 18.473 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion:106 Resp: 169934
Ion Ratio Lower Upper
106 100
91 208.9 105.1 315.1

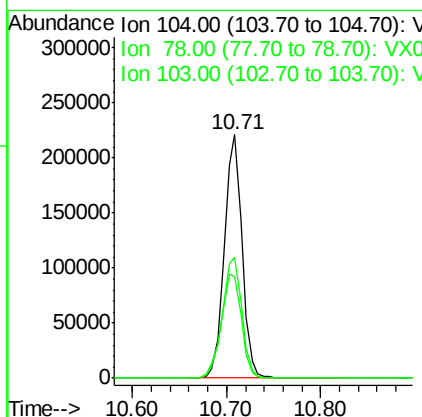
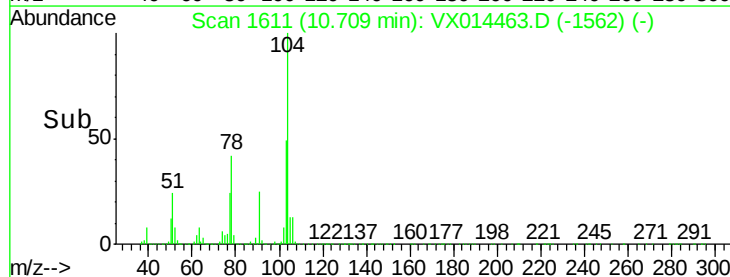
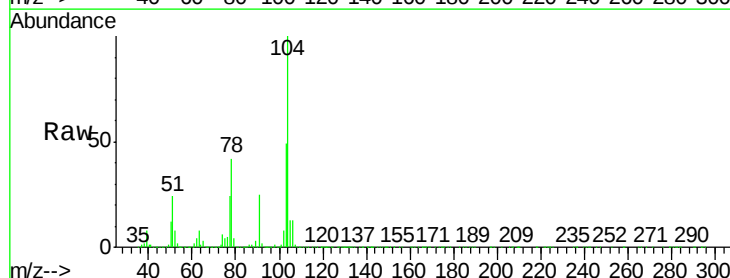
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#70
Styrene
Concen: 18.124 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion:104 Resp: 287713
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 54.4 43.7 65.5





#71

Bromoform

Concen: 17.621 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion:173 Resp: 75438

Ion Ratio Lower Upper

173 100

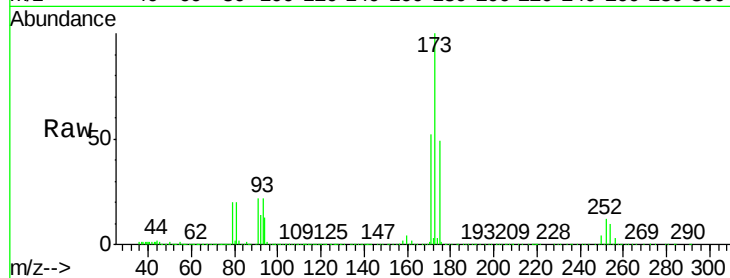
175 49.9 24.3 72.8

254 0.3 0.2 0.2#

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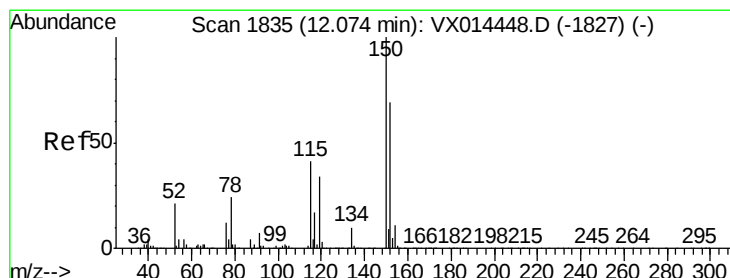
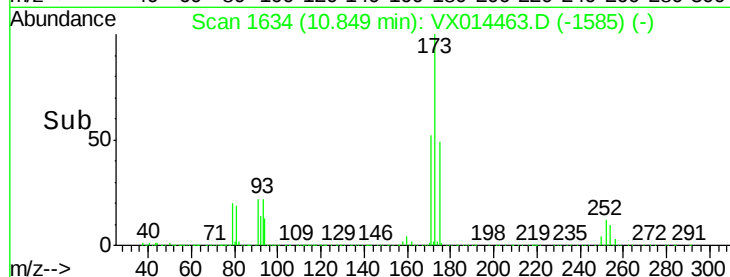
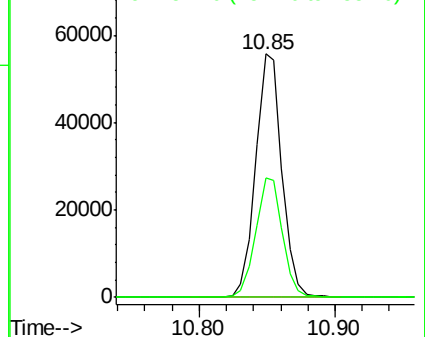
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

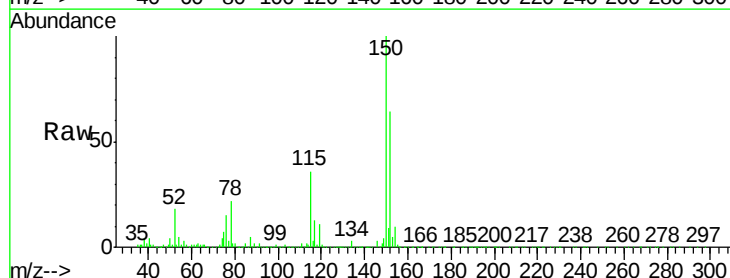
Tgt Ion:152 Resp: 346144

Ion Ratio Lower Upper

152 100

115 63.3 39.5 118.3

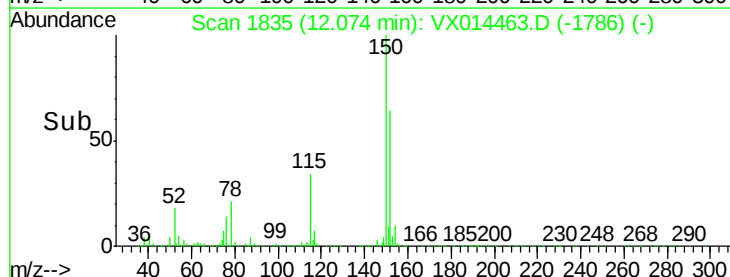
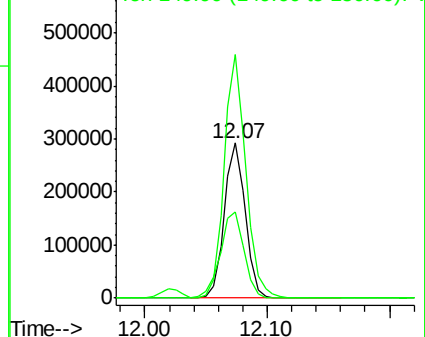
150 161.7 0.0 350.2

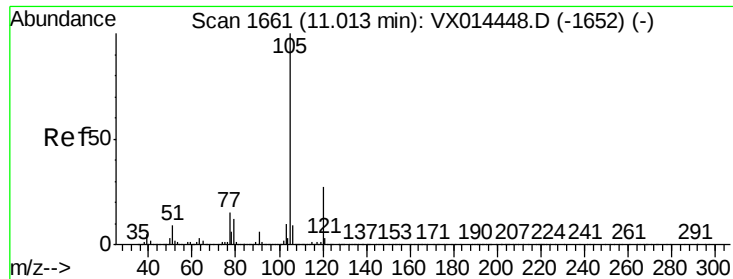


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.442 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 105 Resp: 448263

Ion Ratio Lower Upper

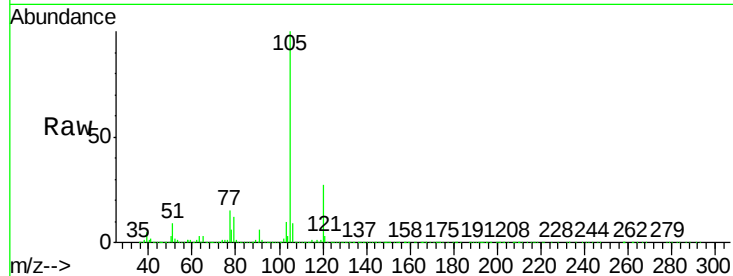
105 100

120 27.3 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

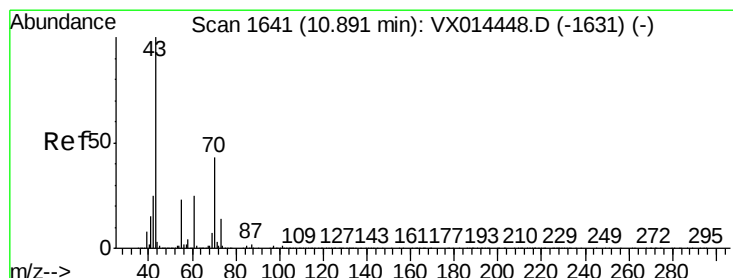
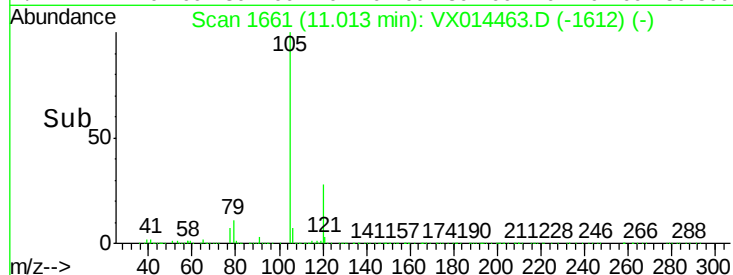
200000

100000

0

10.95 11.01 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 18.678 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion: 43 Resp: 200300

Ion Ratio Lower Upper

43 100

70 42.7 35.1 52.7

55 24.5 19.3 28.9

61 23.9 20.0 30.0

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

250000

200000

150000

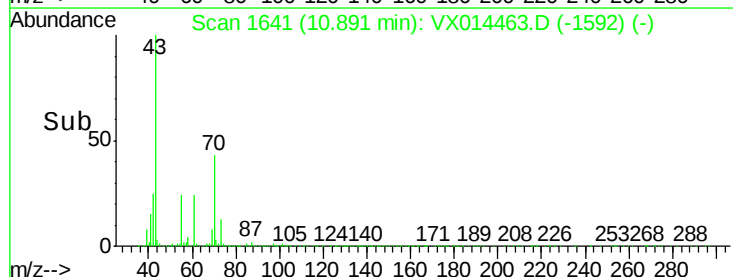
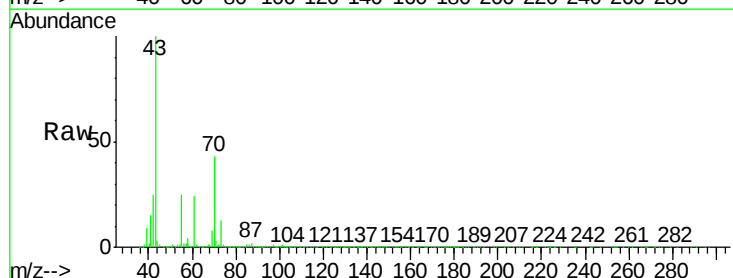
100000

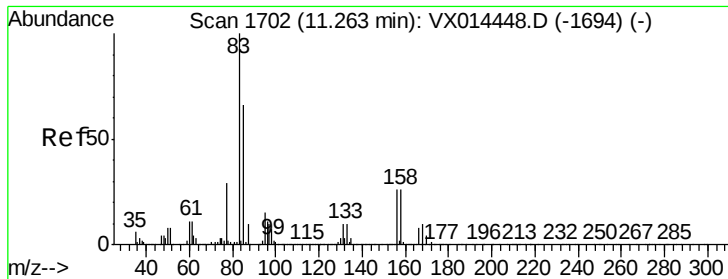
50000

0

10.80 10.89 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.391 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBSD01

Tgt Ion: 83 Resp: 143358

Ion Ratio Lower Upper

83 100

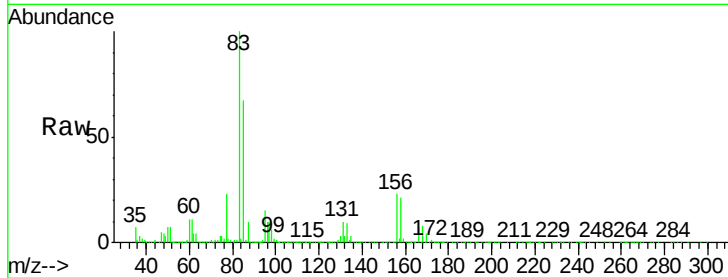
131 10.7 5.1 15.4

85 66.1 32.5 97.4

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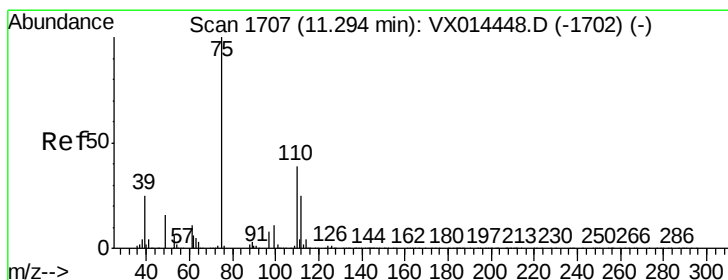
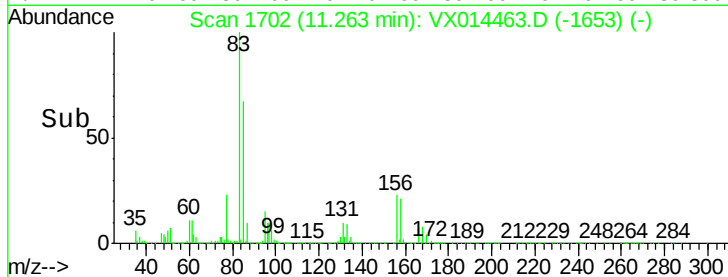
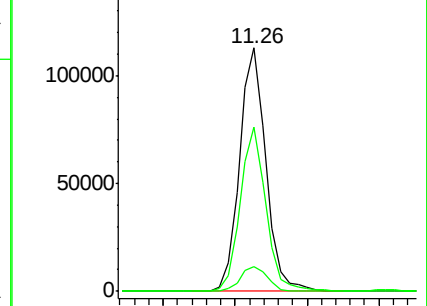
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.201 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014463.D

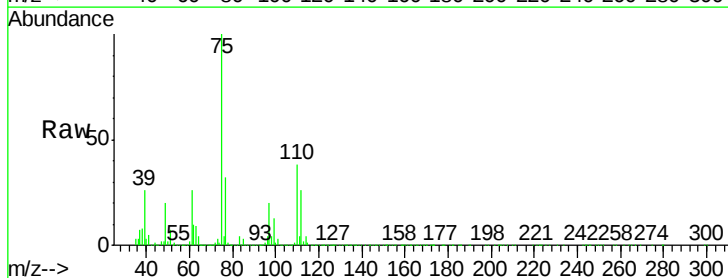
Acq: 08 Jan 2020 12:05

Tgt Ion: 75 Resp: 123190

Ion Ratio Lower Upper

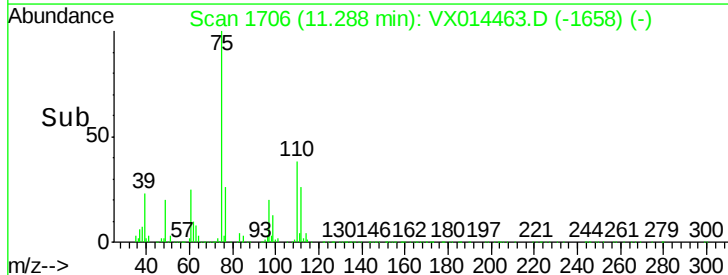
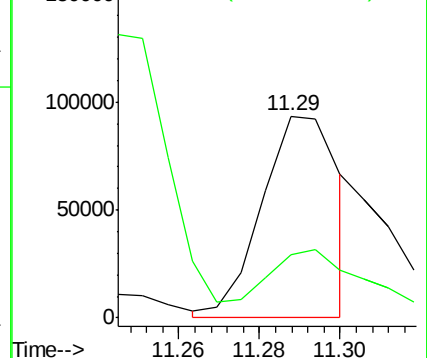
75 100

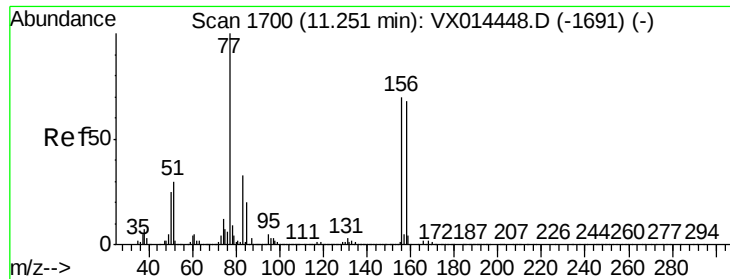
77 44.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.129 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

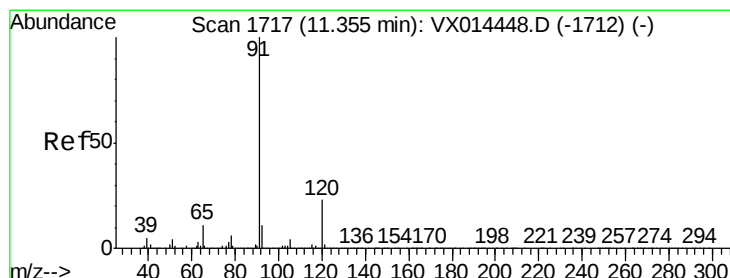
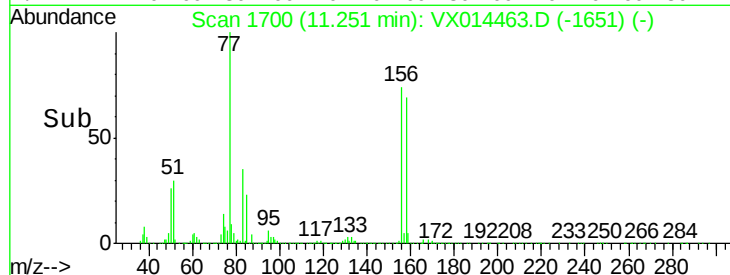
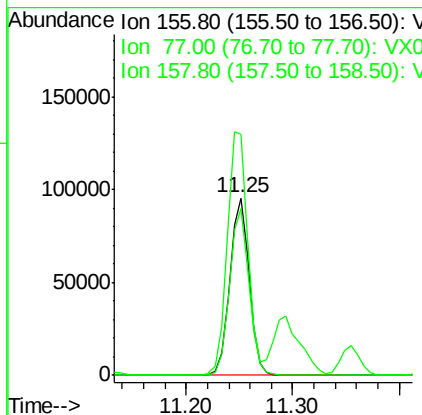
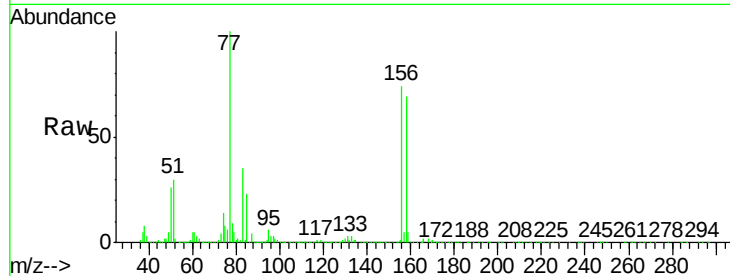
ClientSampled :

VX0108WBSD01

Tgt Ion:	156	Resp:	122206
Ion Ratio	Lower	Upper	
156	100		
77	143.9	75.4	226.3
158	94.1	48.8	146.3

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#78

n-propylbenzene

Concen: 18.080 ug/l

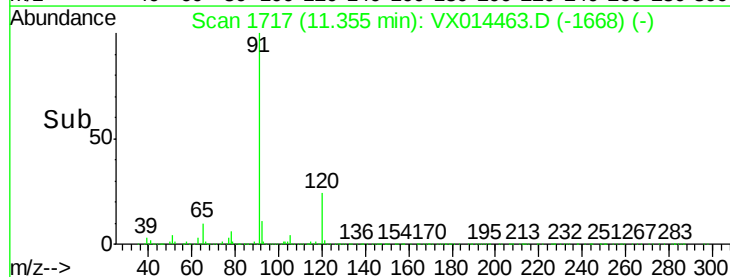
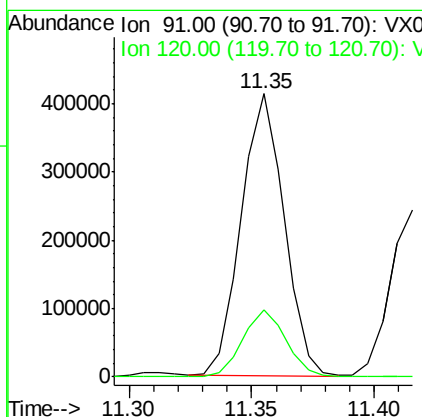
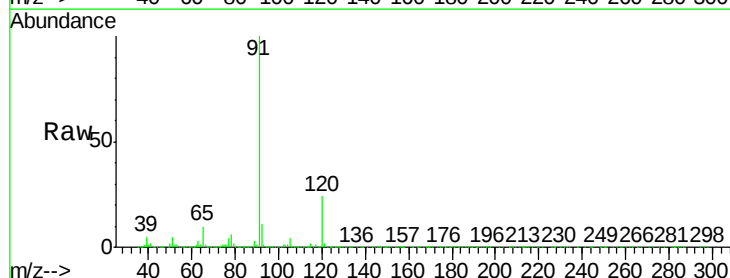
RT: 11.35 min Scan# 1717

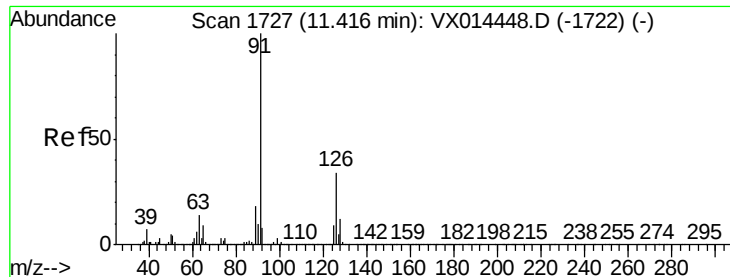
Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion:	91	Resp:	503291
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.5





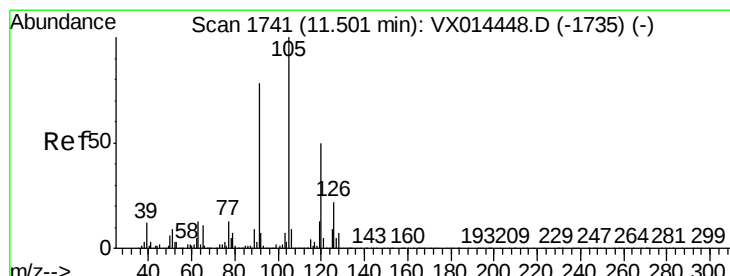
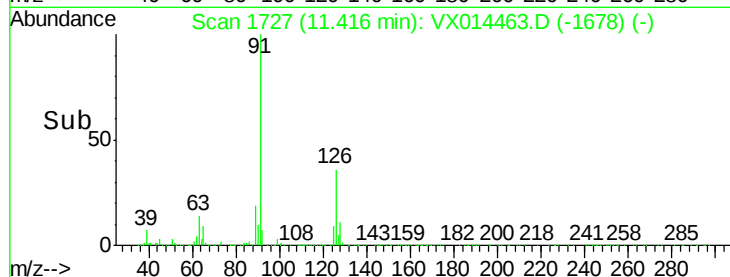
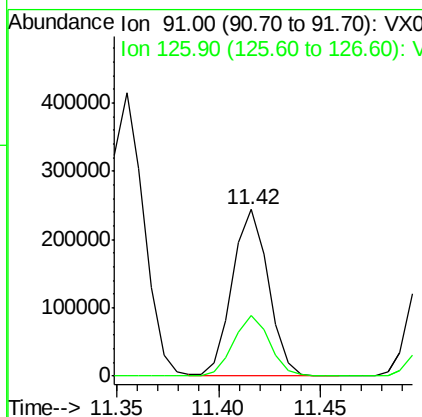
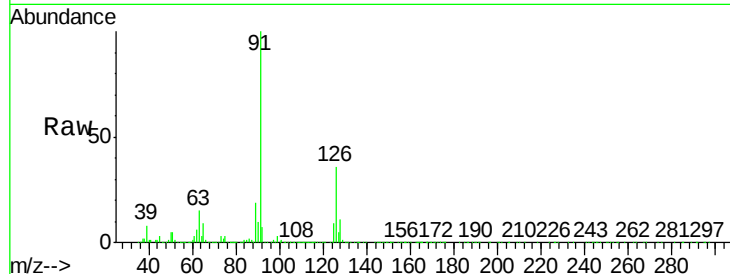
#79
2-Chlorotoluene
Concen: 18.004 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion: 91 Resp: 298702
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.5

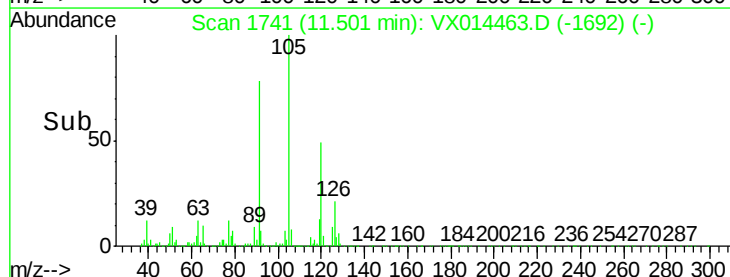
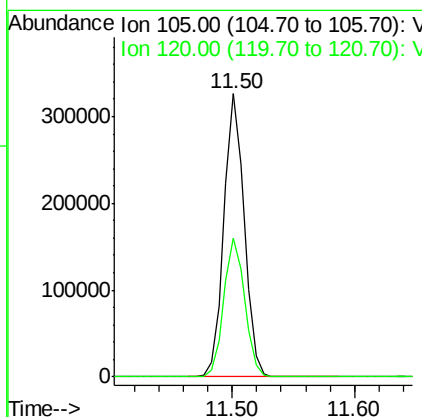
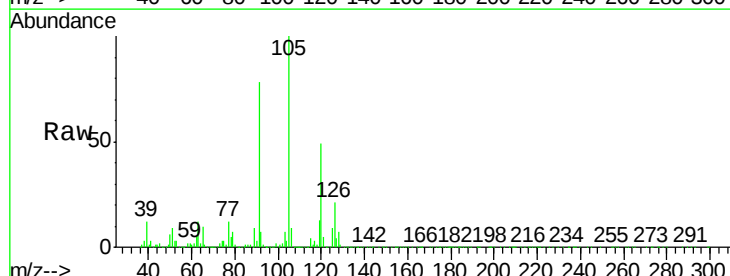
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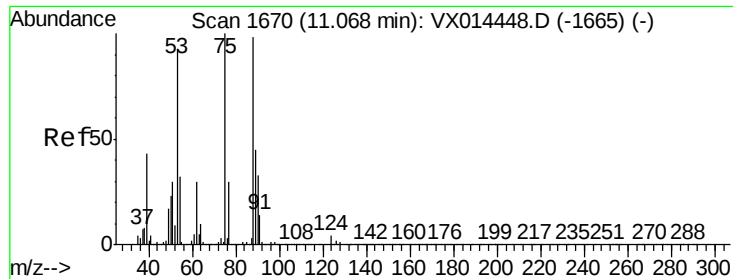
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#80
1,3,5-Trimethylbenzene
Concen: 18.599 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion: 105 Resp: 375345
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.733 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Instrument :

MSVOA_X

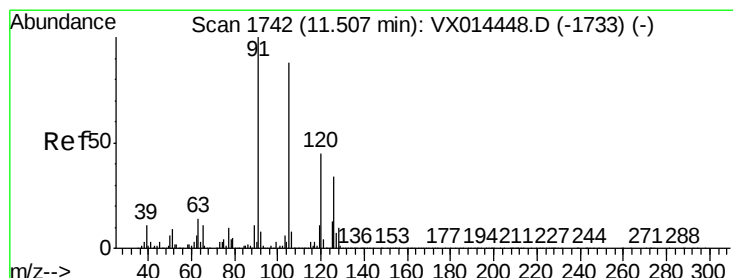
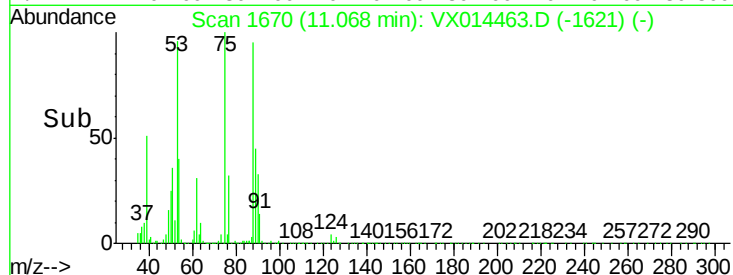
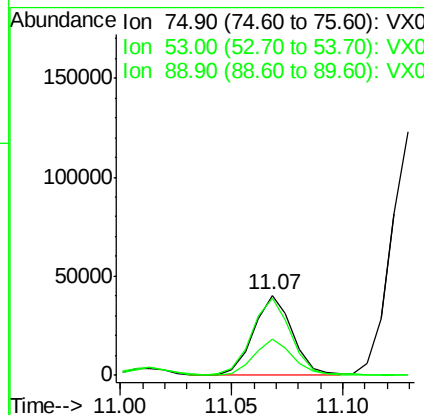
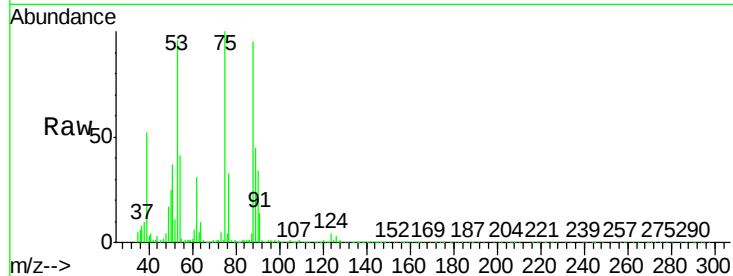
ClientSampleId :

VX0108WBSD01

Tgt Ion:	75	Resp:	48038
Ion Ratio	Lower	Upper	
75	100		
53	97.7	74.8	112.2
89	46.9	36.3	54.5

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#82

4-Chlorotoluene

Concen: 17.934 ug/l

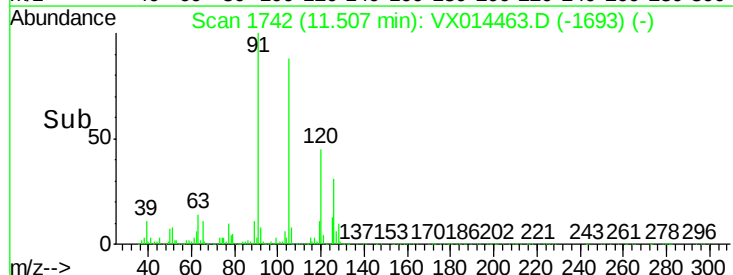
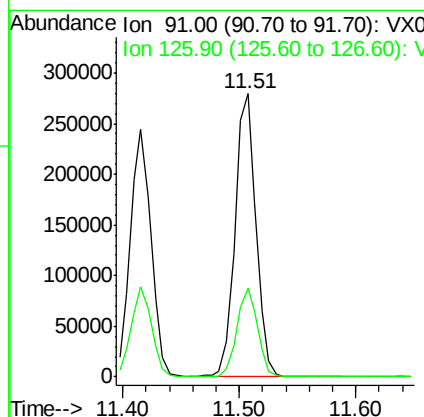
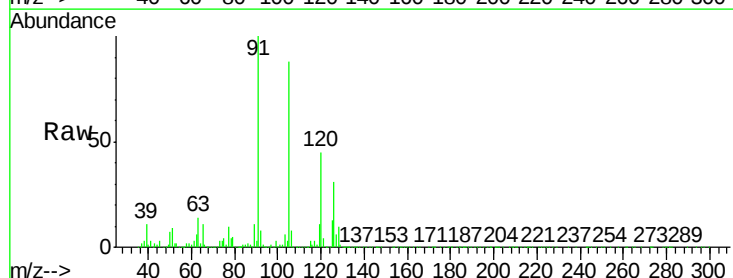
RT: 11.51 min Scan# 1742

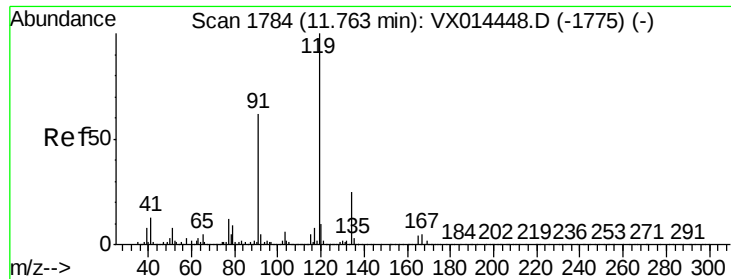
Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion:	91	Resp:	349263
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.9	47.7





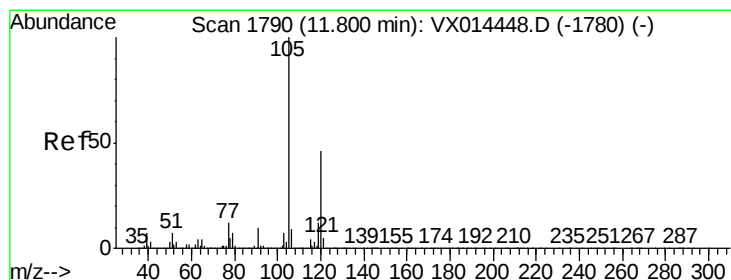
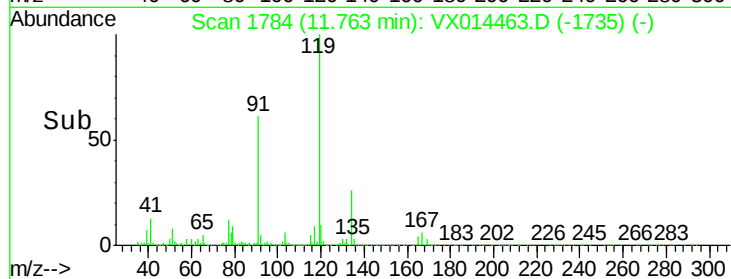
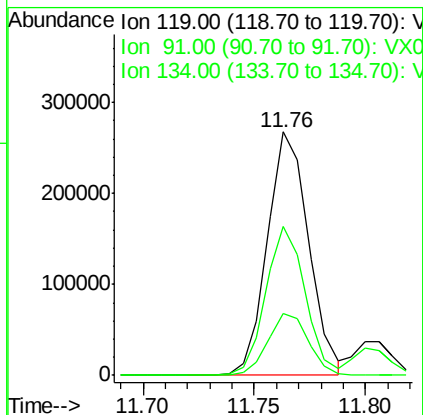
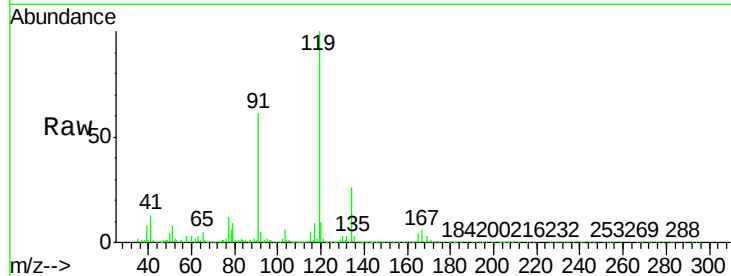
#83
tert-Butylbenzene
Concen: 18.044 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampled :
VX0108WBSD01

Tgt Ion	Ratio	Resp Lower	Upper
119	100		
91	58.3	29.3	88.0
134	25.1	12.4	37.4

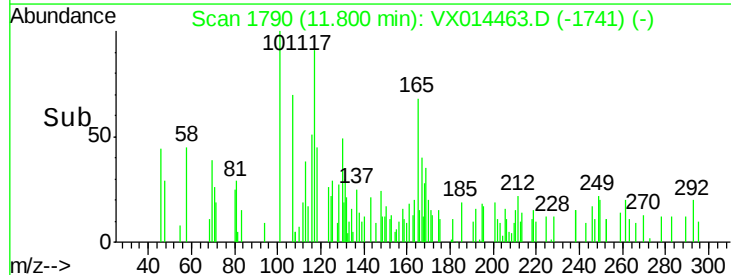
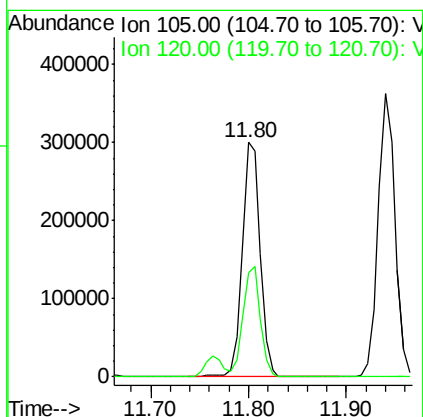
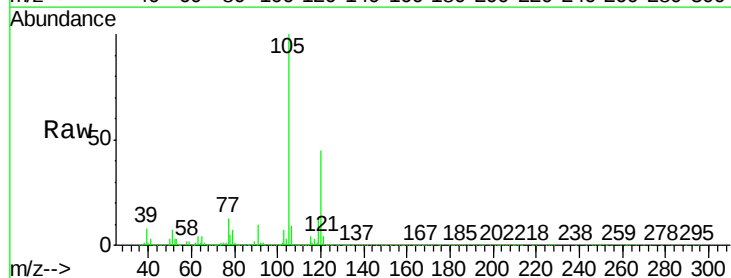
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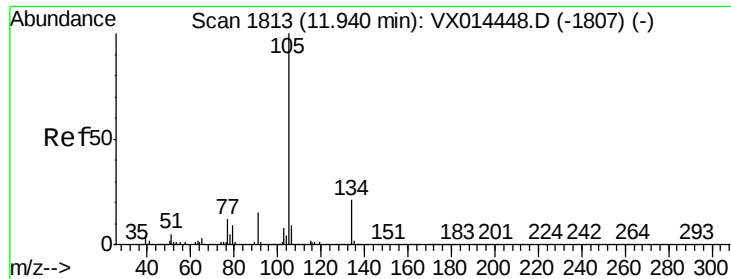
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#84
1,2,4-Trimethylbenzene
Concen: 18.575 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
120	45.5	23.1	69.3





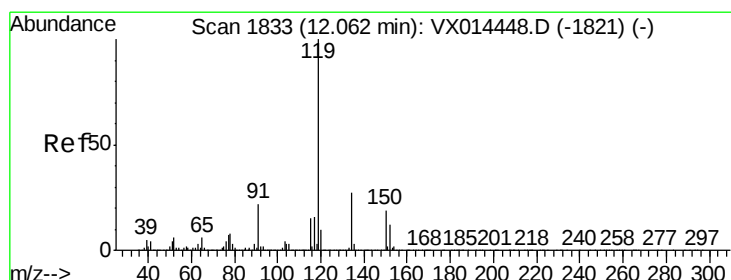
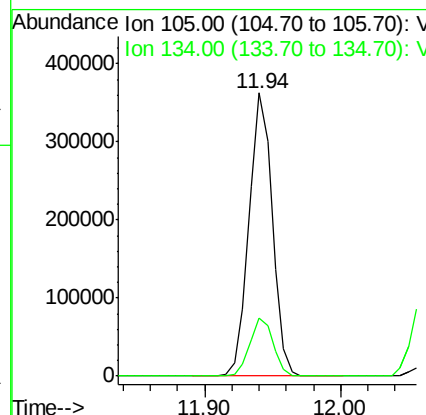
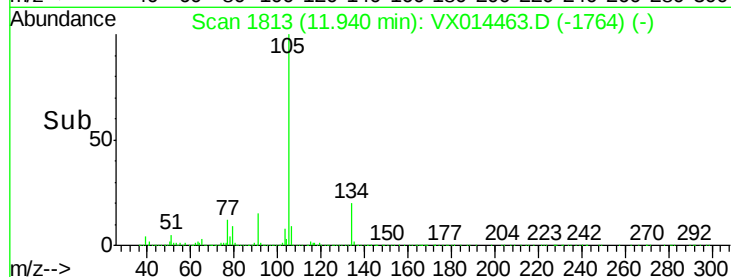
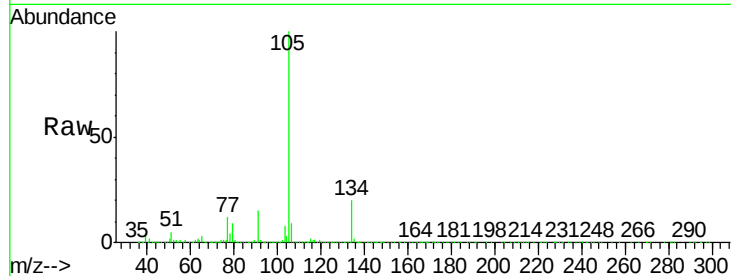
#85
 sec-Butylbenzene
 Concen: 18.409 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion:105 Resp: 436367
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5

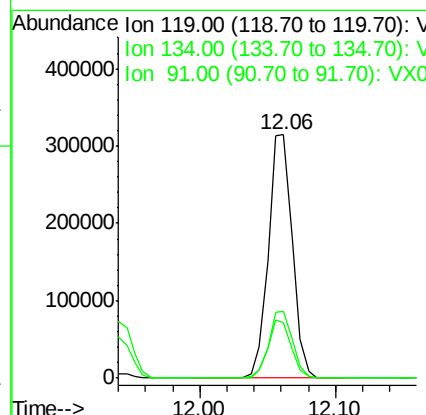
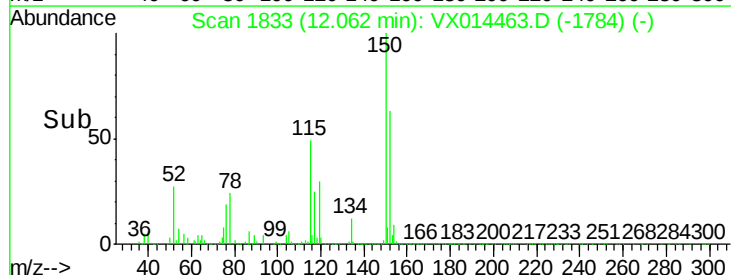
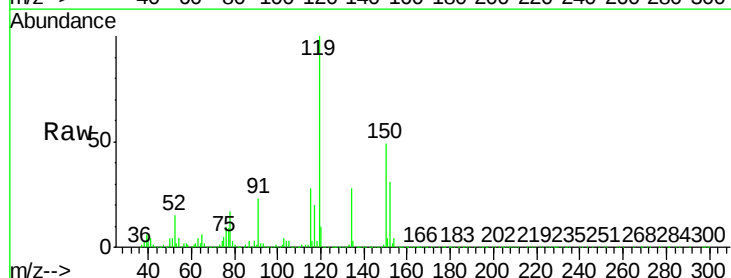
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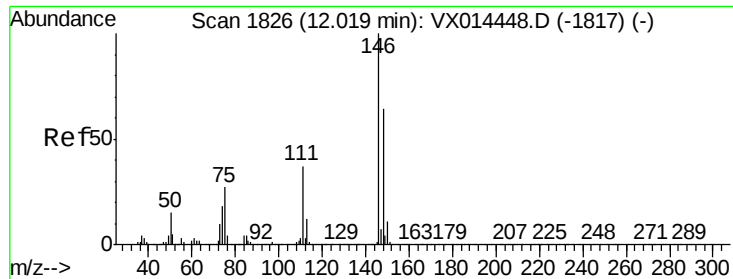
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#86
 p-Isopropyltoluene
 Concen: 17.779 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion:119 Resp: 391062
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.5 40.4
 91 23.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 17.304 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

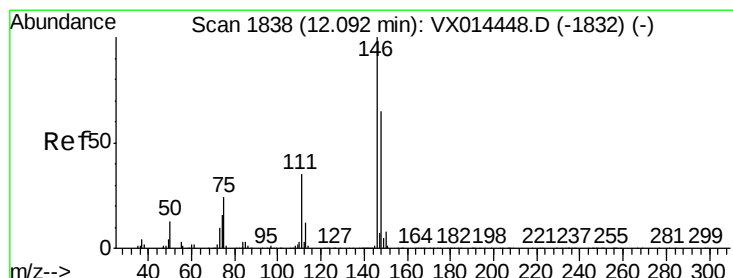
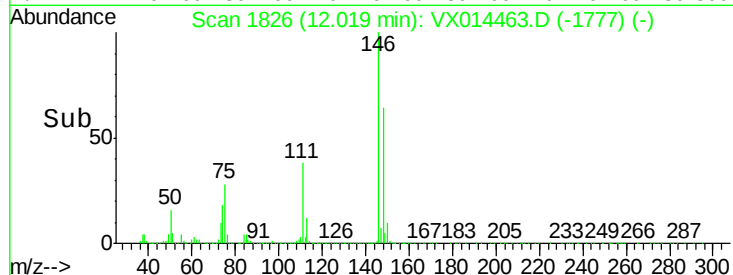
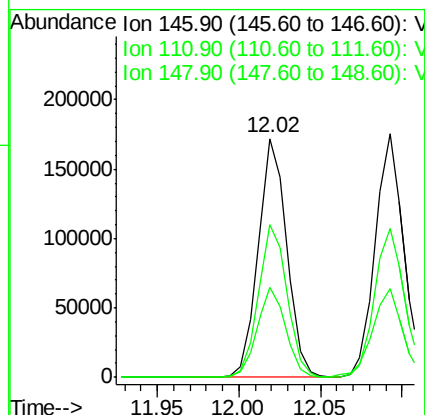
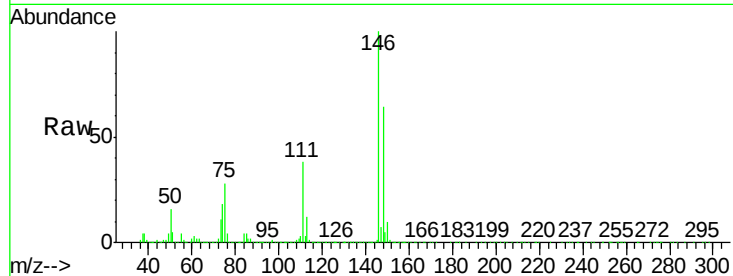
Instrument :
MSVOA_X

ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	37.8	18.9	56.7
148	64.3	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 18.216 ug/l

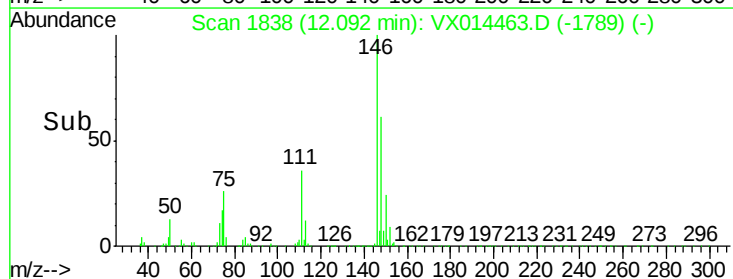
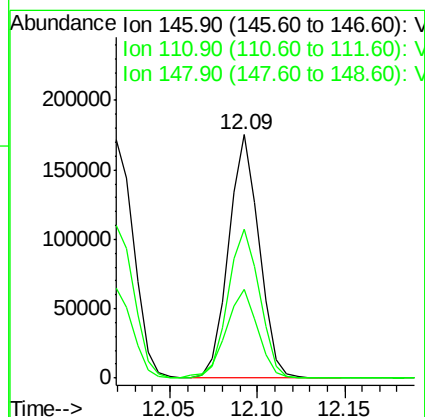
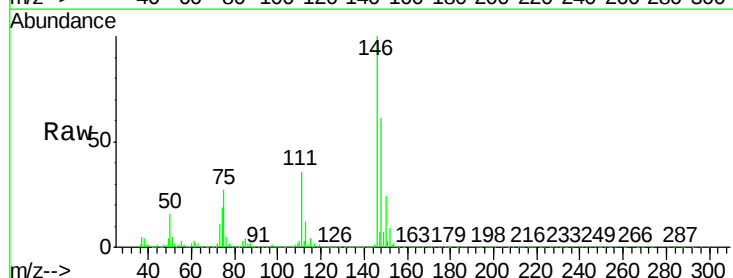
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014463.D

Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	38.4	18.1	54.1
148	64.1	32.1	96.3





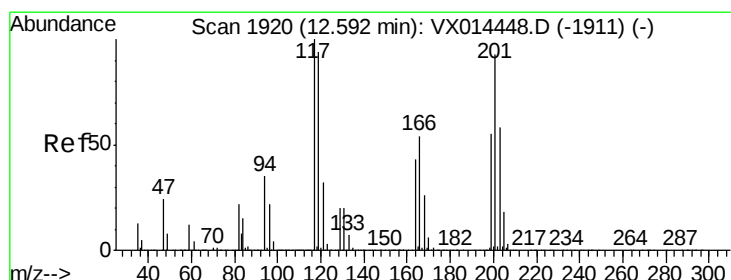
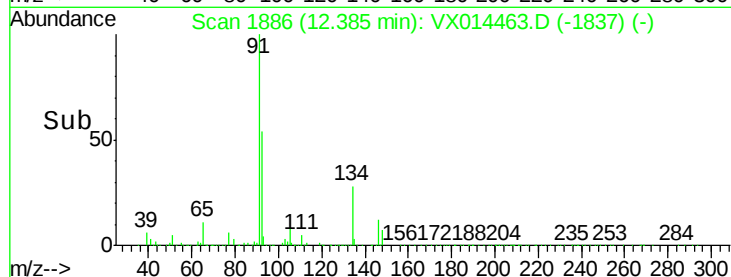
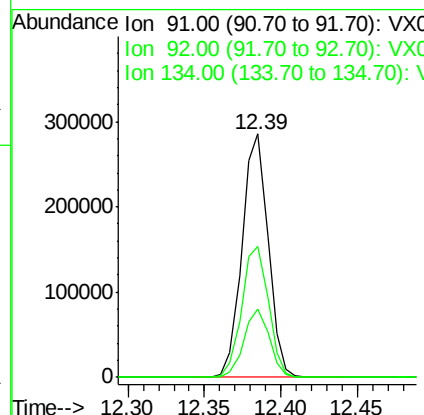
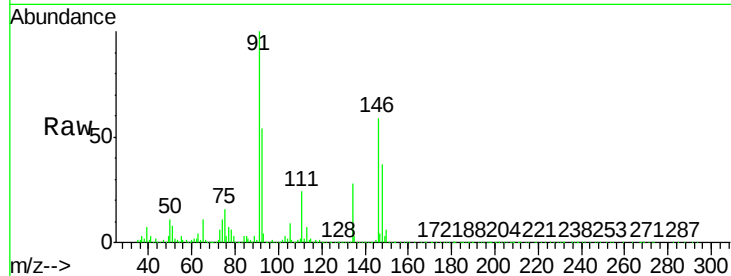
#89
n-Butylbenzene
Concen: 16.753 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.4	82.2
134	27.6	13.9	41.7

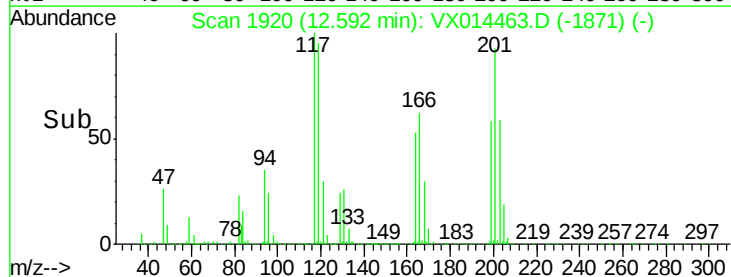
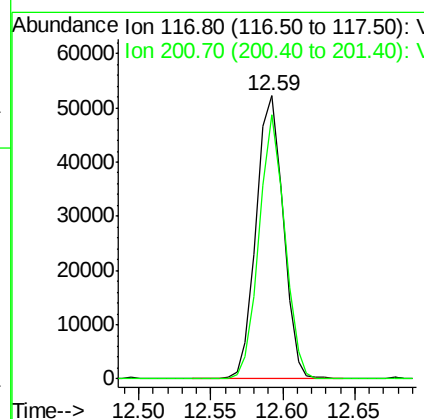
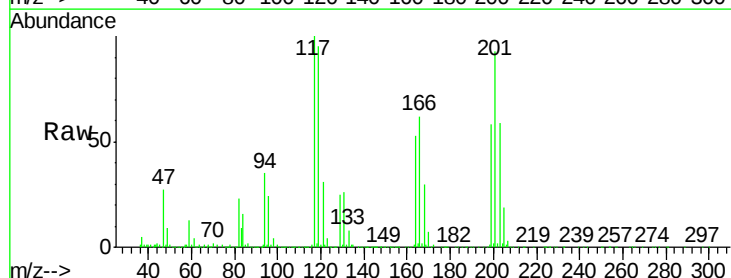
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#90
Hexachloroethane
Concen: 17.536 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.8	134.3





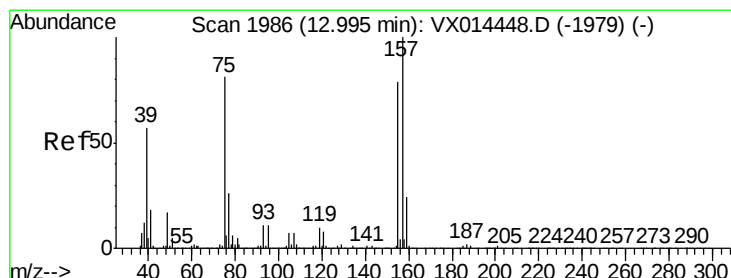
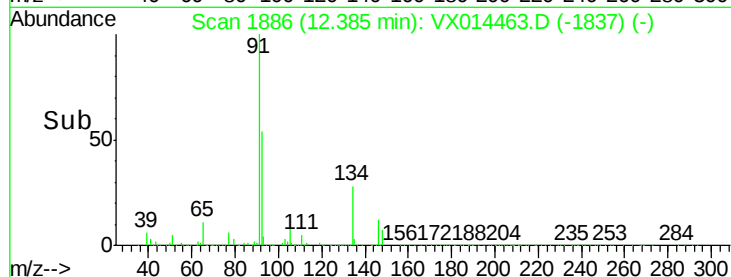
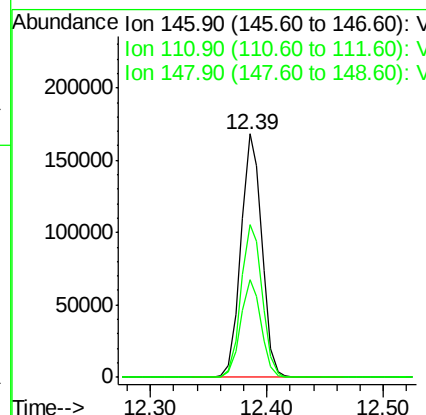
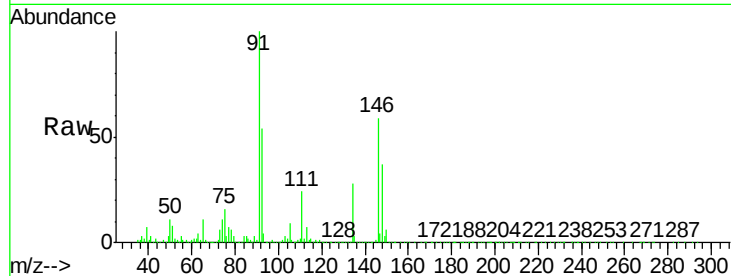
#91
 1,2-Dichlorobenzene
 Concen: 17.863 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	211725		
111	39.0	19.8	59.4	
148	63.2	32.3	96.8	

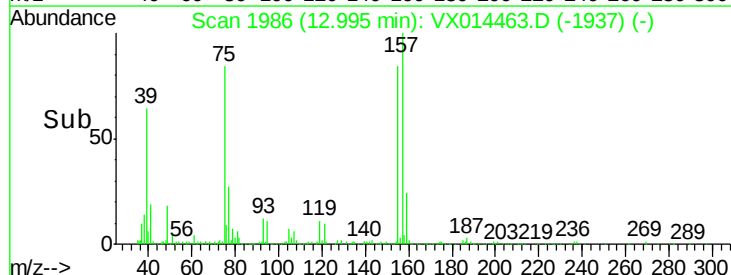
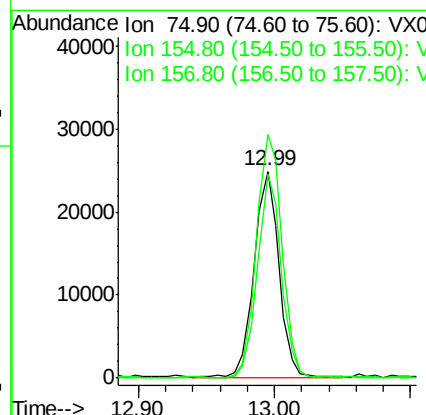
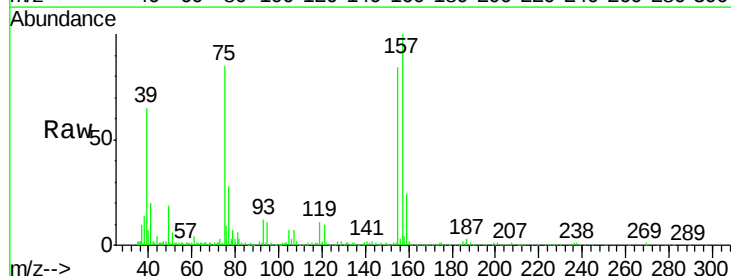
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.123 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014463.D
 Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31777		
155	96.4	48.7	146.1	
157	122.4	62.0	185.9	





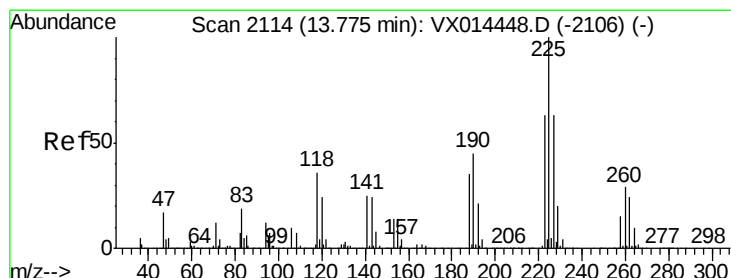
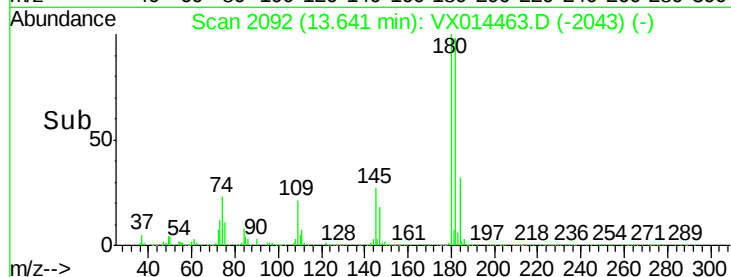
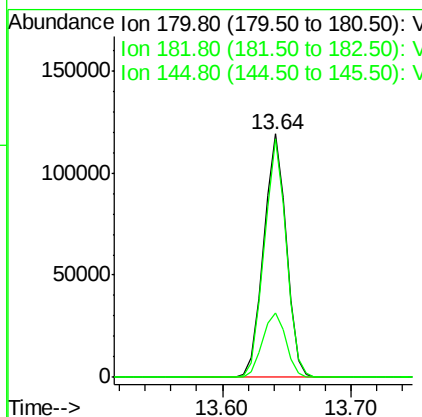
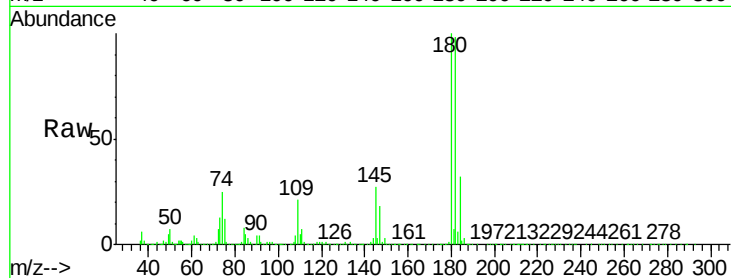
#93
1,2,4-Trichlorobenzene
Concen: 17.273 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144299		
182	95.9	47.5	142.5	
145	27.4	13.9	41.6	

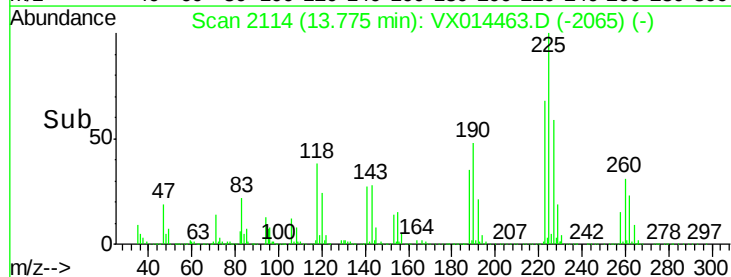
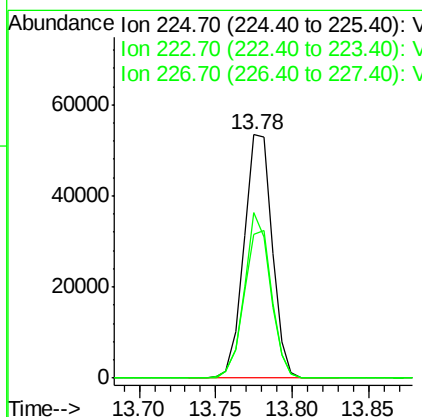
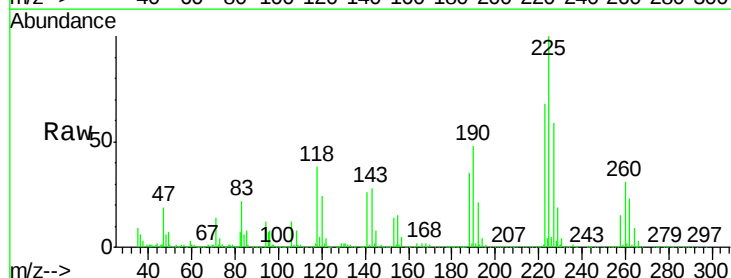
Manual Integrations
APPROVED

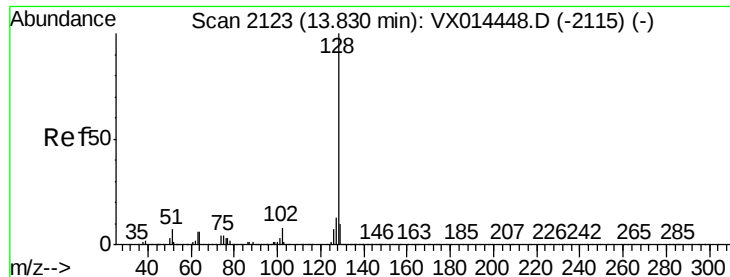
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#94
Hexachlorobutadiene
Concen: 17.549 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68215		
223	62.8	31.1	93.2	
227	61.2	31.4	94.2	





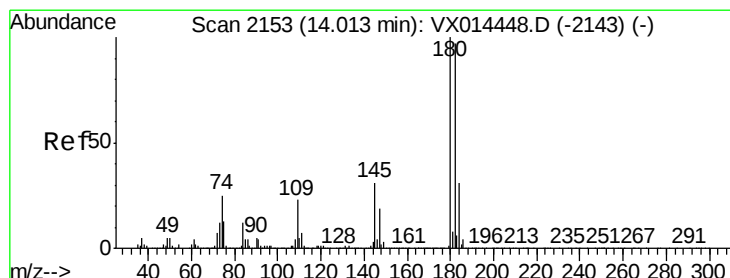
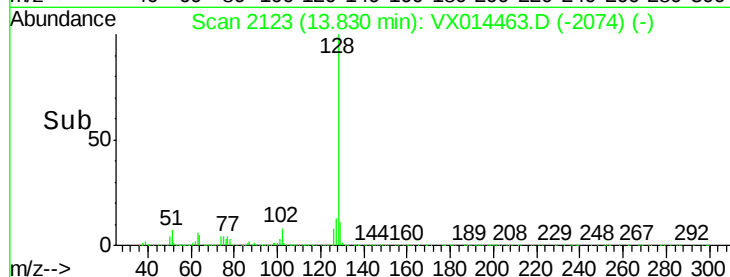
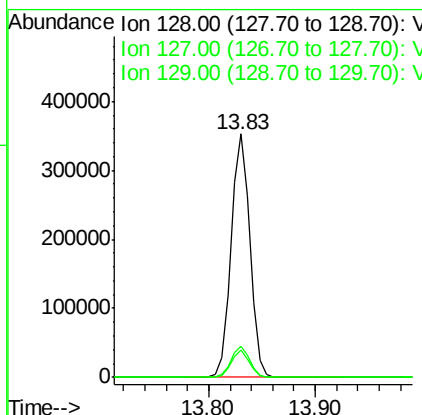
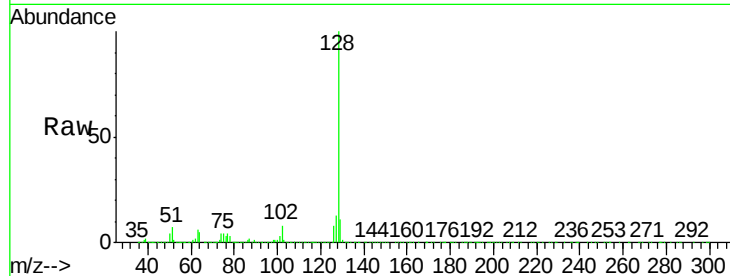
#95
Naphthalene
Concen: 16.866 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0108WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	435458		
127	12.8	10.3	15.5	
129	10.7	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 17.869 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014463.D
Acq: 08 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147293		
182	93.0	47.9	143.6	
145	28.5	14.8	44.3	

