

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
 Data File : VX014454.D
 Acq On : 07 Jan 2020 17:44
 Operator : JC/SP
 Sample : VX0107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Manual Integrations
 APPROVED

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 1/8/2020 9:16:14 AM

Quant Time: Jan 08 02:56:13 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	533006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	797173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	290373	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	242761	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	8.71	98	949858	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	342418	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	131887	20.082	ug/l	100
3) Chloromethane	1.32	50	137028	20.168	ug/l	98
4) Vinyl Chloride	1.41	62	151307	19.985	ug/l	98
5) Bromomethane	1.64	94	89506	17.835	ug/l	100
6) Chloroethane	1.72	64	86379	20.169	ug/l	98
7) Trichlorofluoromethane	1.93	101	166131	19.344	ug/l	100
8) Diethyl Ether	2.18	74	71867	18.342	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96897	18.545	ug/l	98
10) Methyl Iodide	2.51	142	95006	15.185	ug/l	99
11) Tert butyl alcohol	3.02	59	127009	102.230	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97518	18.525	ug/l	99
13) Acrolein	2.28	56	93585	93.980	ug/l	96
14) Allyl chloride	2.72	41	175069	18.942	ug/l	99
15) Acrylonitrile	3.13	53	288883	96.342	ug/l	98
16) Acetone	2.43	43	302212	98.770	ug/l	99
17) Carbon Disulfide	2.56	76	273875	18.645	ug/l	99
18) Methyl Acetate	2.76	43	174984	20.461	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	325888	19.285	ug/l	99
20) Methylene Chloride	2.85	84	112444	18.785	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	107775	18.753	ug/l	96
22) Diisopropyl ether	3.84	45	347884	19.477	ug/l	98
23) Vinyl Acetate	3.80	43	1324765	95.801	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188369	19.387	ug/l	100
25) 2-Butanone	4.65	43	436096	98.118	ug/l	99
26) 2,2-Dichloropropane	4.58	77	154626	18.786	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	120532	18.761	ug/l	99
28) Bromochloromethane	5.00	49	77267	18.872	ug/l	96
29) Tetrahydrofuran	5.12	42	265986	101.219	ug/l	99
30) Chloroform	5.20	83	182941	19.268	ug/l	99
31) Cyclohexane	5.57	56	180300	19.825	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	158236	19.470	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143318	19.118	ug/l	99
37) Ethyl Acetate	4.82	43	156886	19.266	ug/l	100
38) Carbon Tetrachloride	5.78	117	132802	19.250	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181546	19.276	ug/l	96
40) Benzene	6.14	78	428921	19.277	ug/l	100
41) Methacrylonitrile	5.03	41	86702	19.966	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148374	19.072	ug/l	99
43) Isopropyl Acetate	6.43	43	262624	19.965	ug/l	100
44) Trichloroethene	7.21	130	123792	19.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	111165	19.597	ug/l	99
46) Dibromomethane	7.65	93	71769	18.127	ug/l	98
47) Bromodichloromethane	7.89	83	138798	19.266	ug/l	98
48) Methyl methacrylate	7.76	41	126006	20.000	ug/l	99
49) 1,4-Dioxane	7.73	88	53072	397.556	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	811595	101.248	ug/l	100
52) Toluene	8.78	92	273898	19.230	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158787	18.932	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	173450	19.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	111126	19.424	ug/l	98
56) Ethyl methacrylate	9.17	69	174597	19.920	ug/l	98
57) 1,3-Dichloropropane	9.37	76	186055	19.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303306	101.710	ug/l	99
59) 2-Hexanone	9.48	43	644347	101.592	ug/l	99
60) Dibromochloromethane	9.57	129	111763	19.436	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114864	18.954	ug/l	99
64) Tetrachloroethene	9.33	164	139133	19.200	ug/l	98
65) Chlorobenzene	10.14	112	296084	18.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	106222	18.969	ug/l	98
67) Ethyl Benzene	10.25	91	518242	19.378	ug/l	99
68) m/p-Xylenes	10.35	106	394208	38.207	ug/l	97
69) o-Xylene	10.70	106	191632	19.466	ug/l	99
70) Styrene	10.71	104	326250	19.204	ug/l	100
71) Bromoform	10.85	173	85984	18.768	ug/l	99
73) Isopropylbenzene	11.01	105	508900	19.429	ug/l	100
74) N-amyl acetate	10.89	43	224594	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159719	19.014	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	136787m	17.724	ug/l	
77) Bromobenzene	11.25	156	134555	18.524	ug/l	99
78) n-propylbenzene	11.35	91	581728	19.393	ug/l	100
79) 2-Chlorotoluene	11.42	91	341183	19.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	421378	19.377	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55360	18.965	ug/l	94
82) 4-Chlorotoluene	11.51	91	397077	18.921	ug/l	99
83) tert-Butylbenzene	11.76	119	386522	18.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	426446	19.407	ug/l	100
85) sec-Butylbenzene	11.94	105	499945	19.572	ug/l	99
86) p-Isopropyltoluene	12.06	119	458683	19.351	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244863	18.783	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	246514	19.774	ug/l	99
89) n-Butylbenzene	12.39	91	407572	18.806	ug/l	99
90) Hexachloroethane	12.59	117	76921	18.475	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	237607	18.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35938	19.020	ug/l	99

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VX0107WBSD01

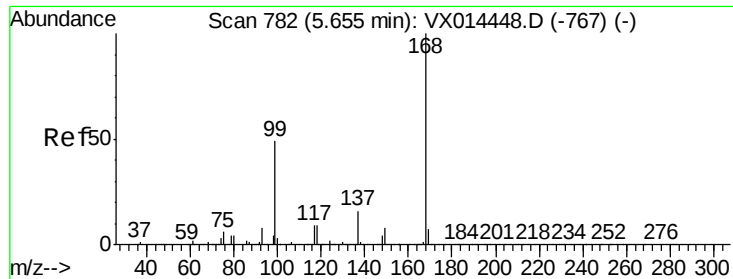
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	174794	19.431	ug/l	99
94) Hexachlorobutadiene	13.78	225	81912	19.548	ug/l	100
95) Naphthalene	13.83	128	522546	18.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	174313	19.650	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0107WBSD01

Tgt Ion: 168 Resp: 533006

Ion Ratio Lower Upper

168 100

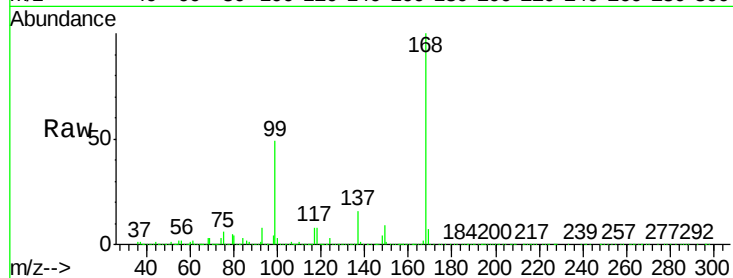
99 48.6 39.2 58.8

Manual Integrations

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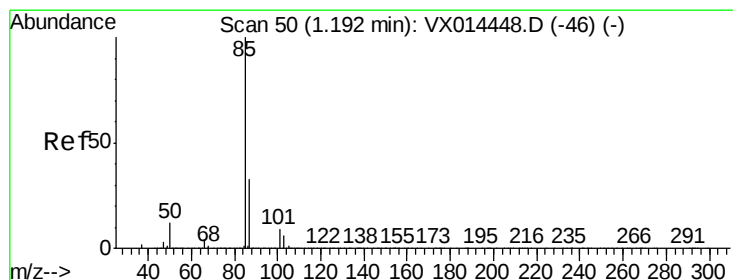
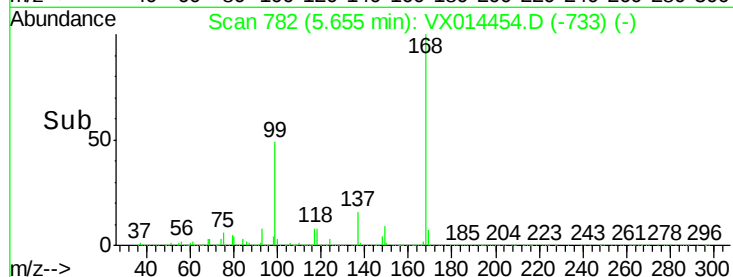
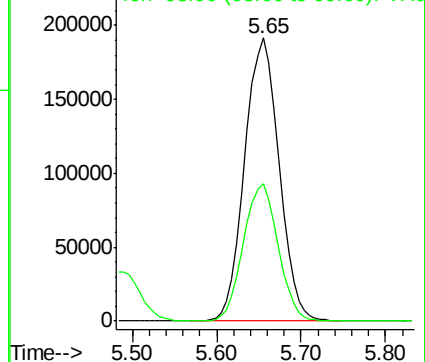
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.082 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014454.D

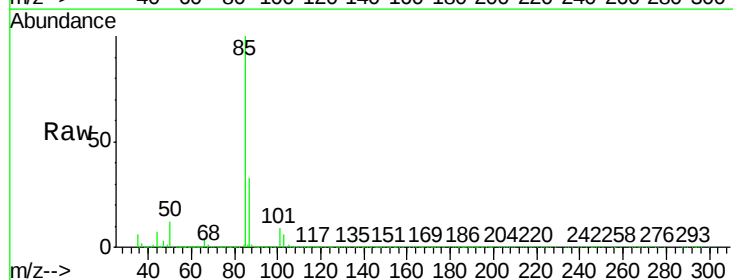
Acq: 07 Jan 2020 17:44

Tgt Ion: 85 Resp: 131887

Ion Ratio Lower Upper

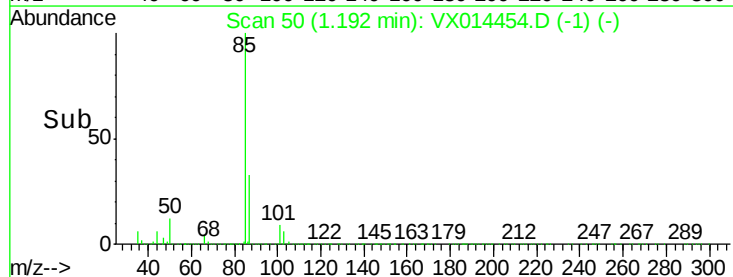
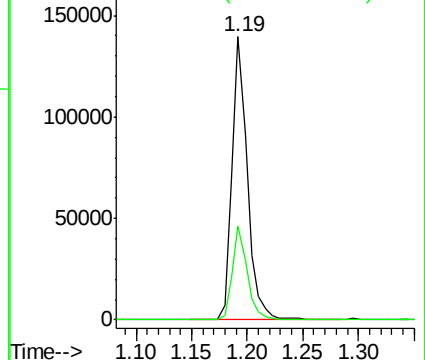
85 100

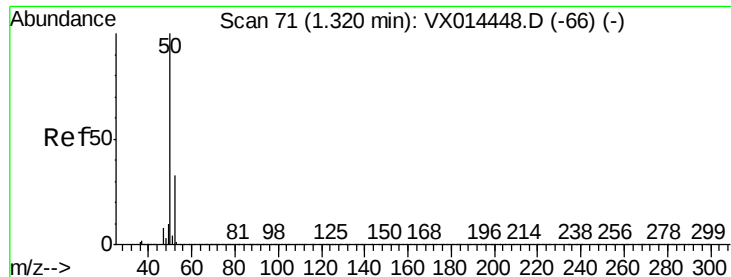
87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.168 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0107WBSD01

Tgt Ion: 50 Resp: 137028

Ion Ratio Lower Upper

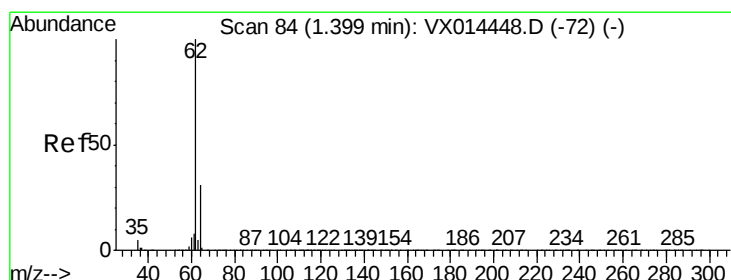
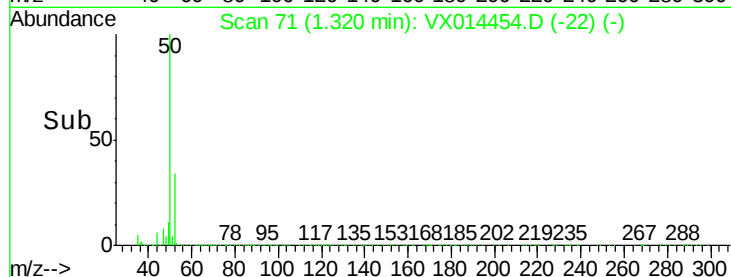
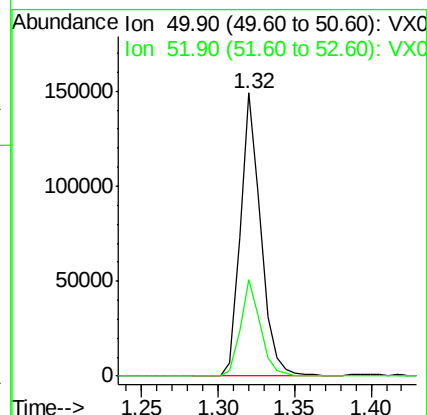
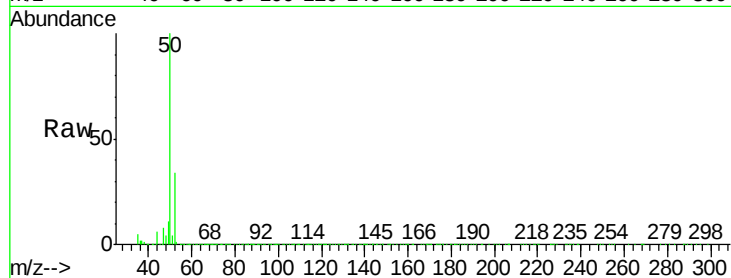
50 100

52 34.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.985 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014454.D

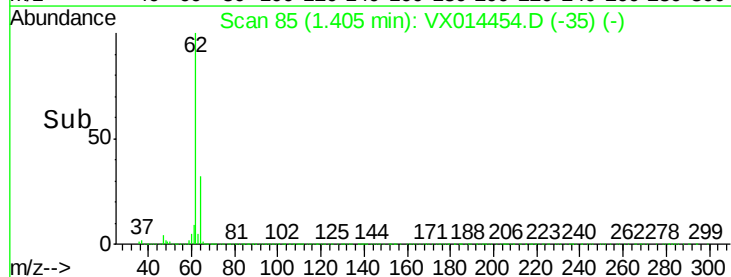
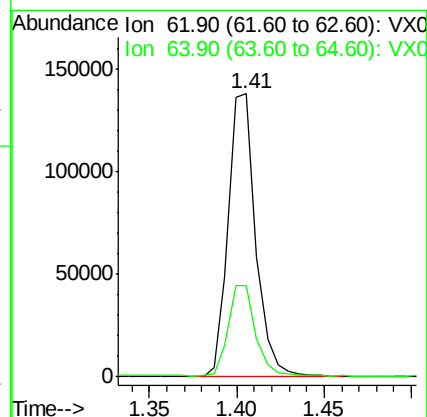
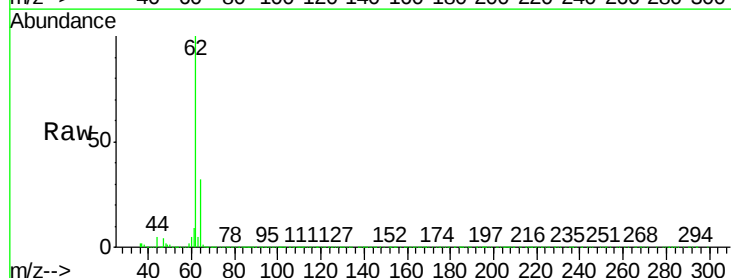
Acq: 07 Jan 2020 17:44

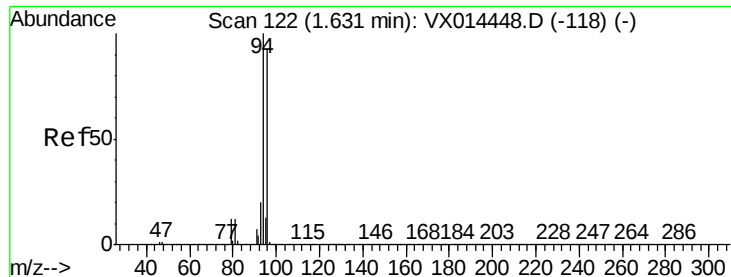
Tgt Ion: 62 Resp: 151307

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0





#5

Bromomethane

Concen: 17.835 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tgt Ion: 94 Resp: 89506

Ion Ratio Lower Upper

94 100

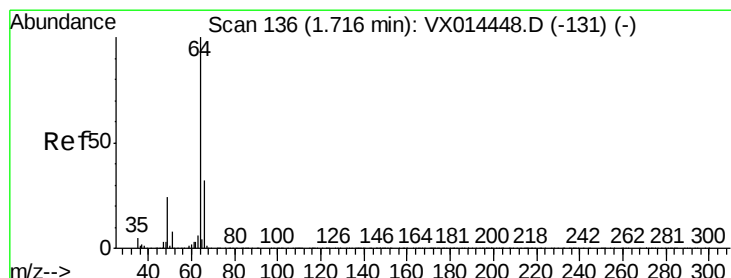
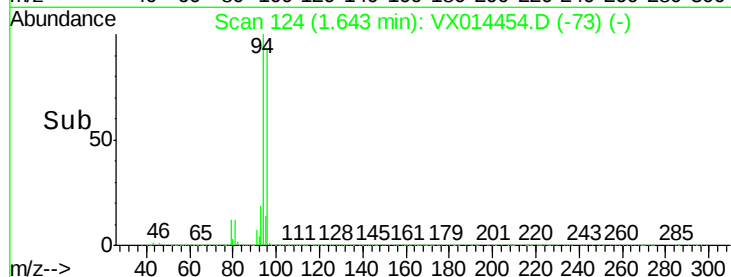
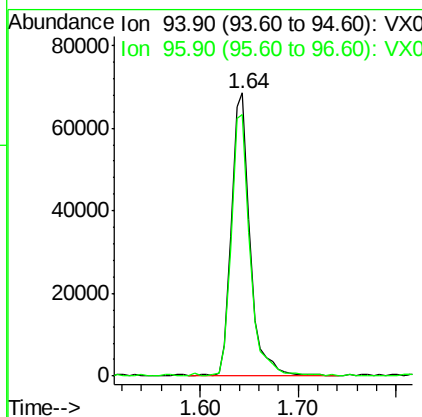
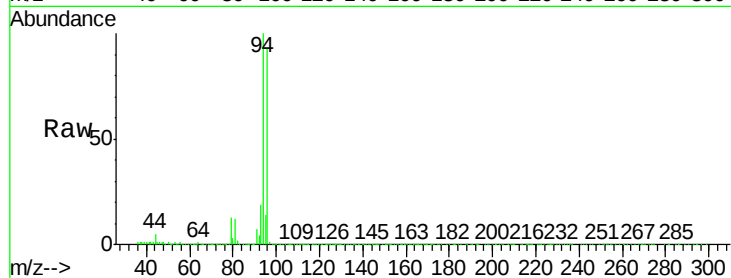
96 92.6 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 20.169 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014454.D

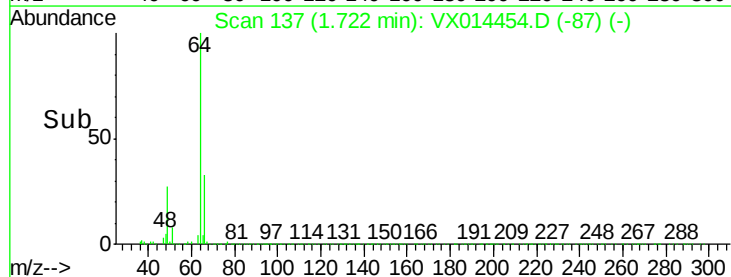
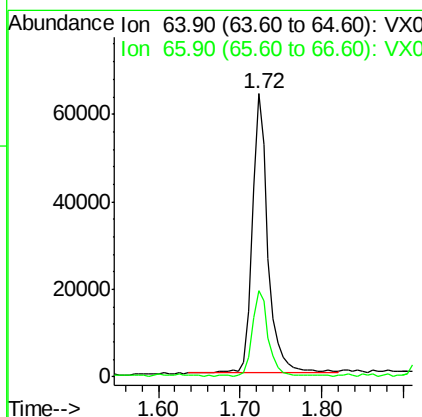
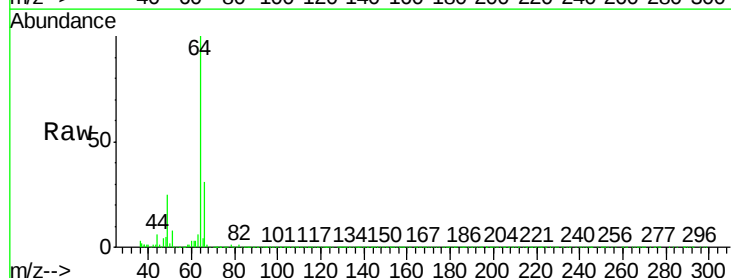
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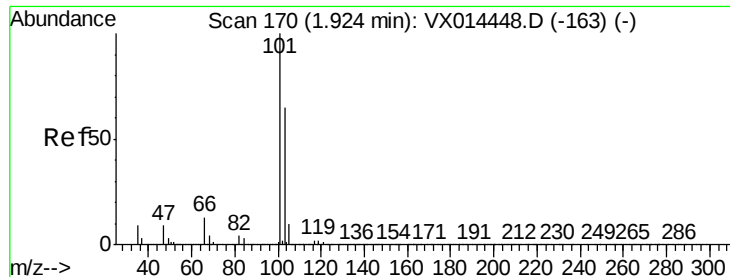
Tgt Ion: 64 Resp: 86379

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9





#7

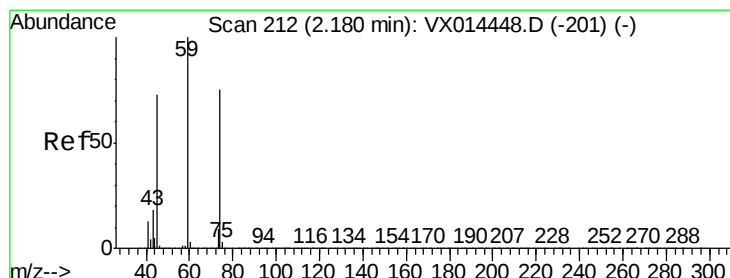
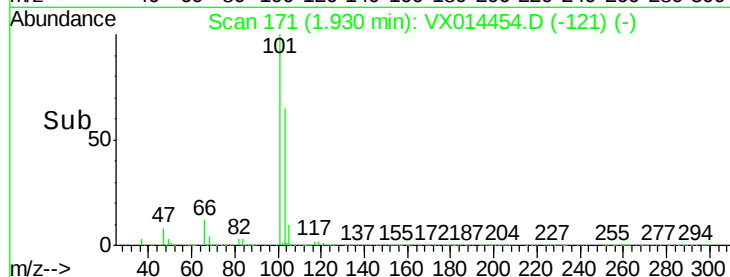
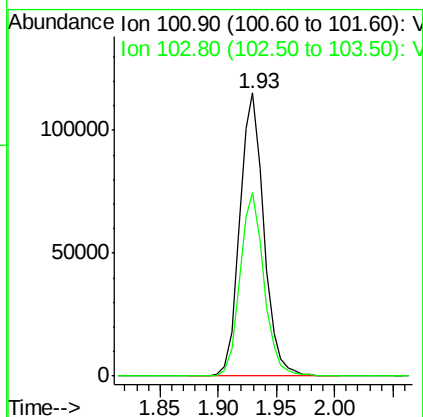
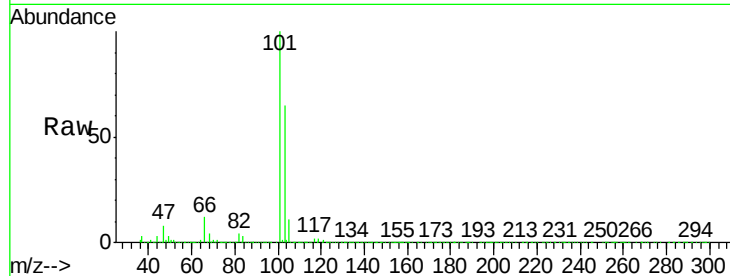
Trichlorofluoromethane
Concen: 19.344 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

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VX0107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	166131		
103	64.9	52.2	78.4	

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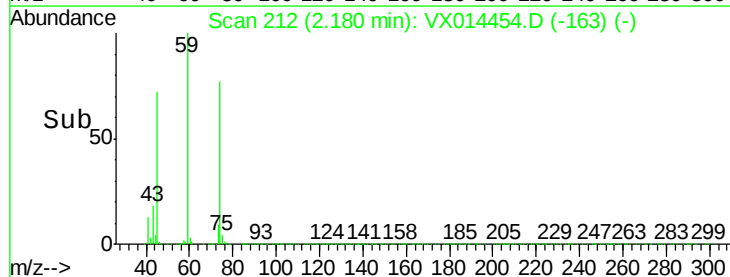
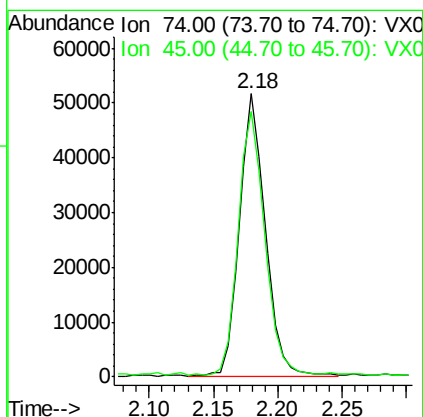
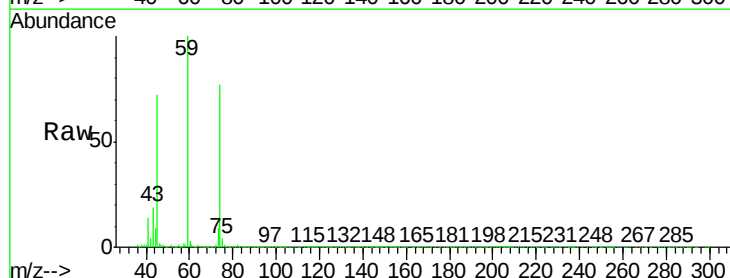
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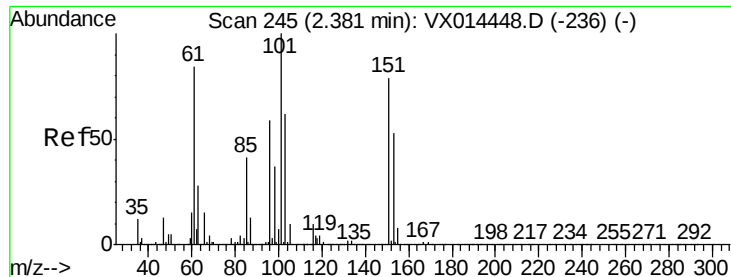


#8

Diethyl Ether
Concen: 18.342 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	71867		
45	94.8	48.7	146.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.545 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

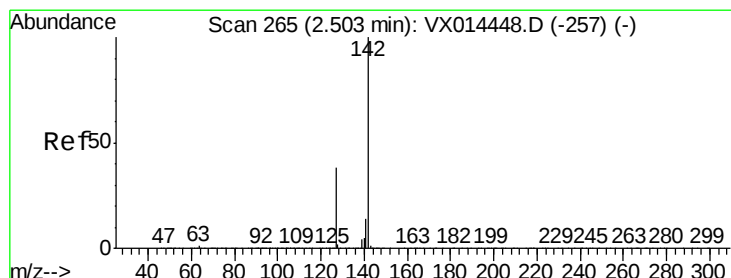
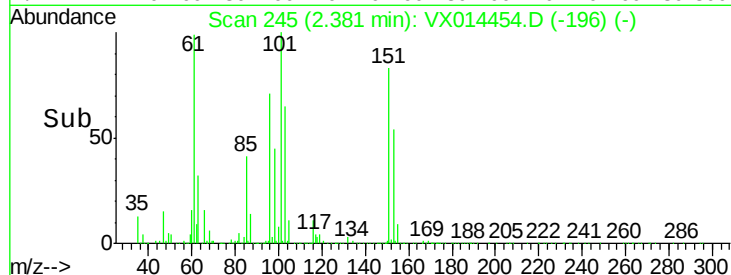
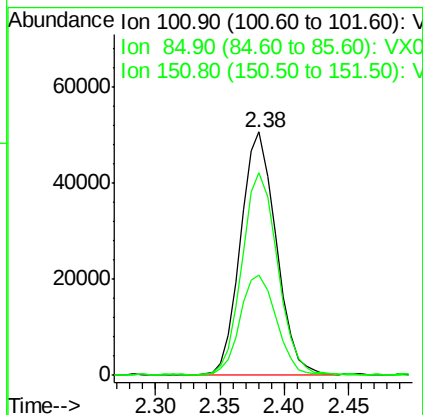
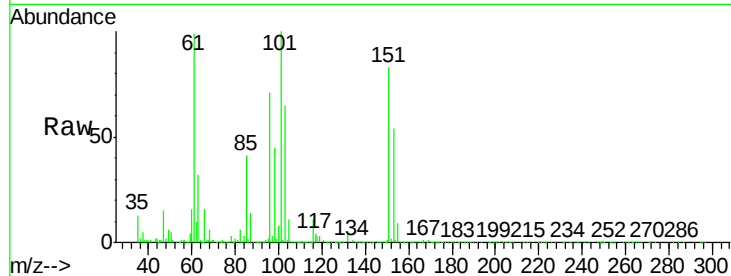
ClientSampleId :

VX0107WBSD01

Tgt Ion:	101	Resp:	96897
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	83.5	65.3	97.9

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#10

Methyl Iodide

Concen: 15.185 ug/l

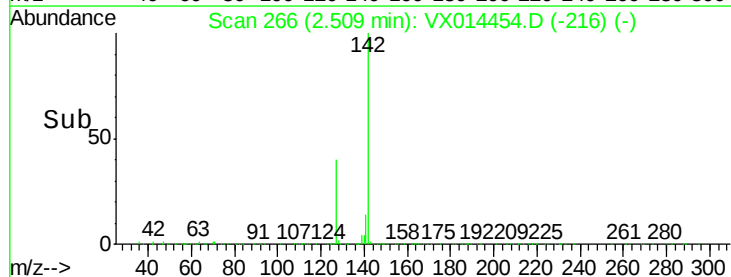
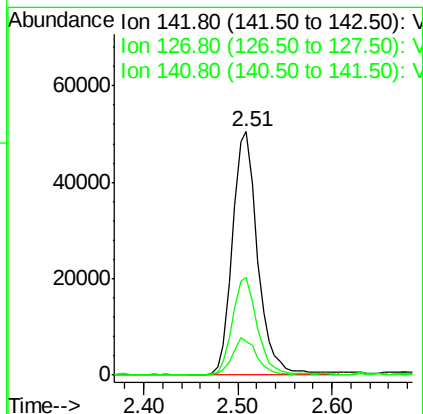
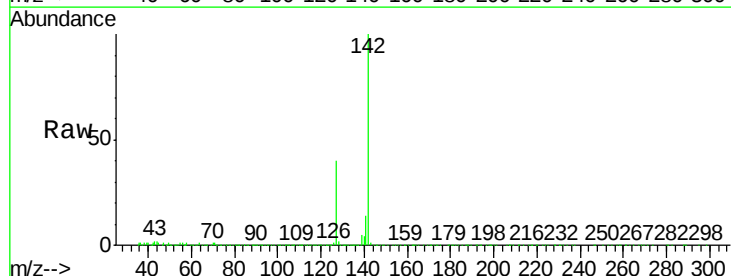
RT: 2.51 min Scan# 266

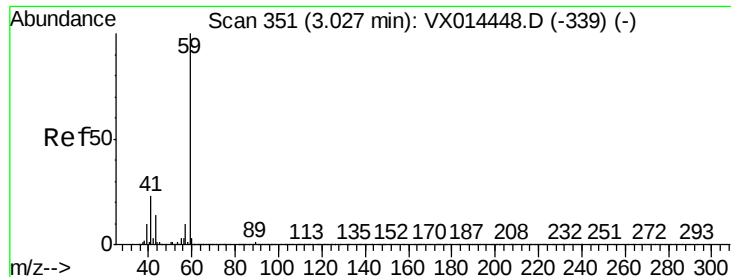
Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	142	Resp:	95006
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.2	46.8
141	14.8	11.4	17.2





#11

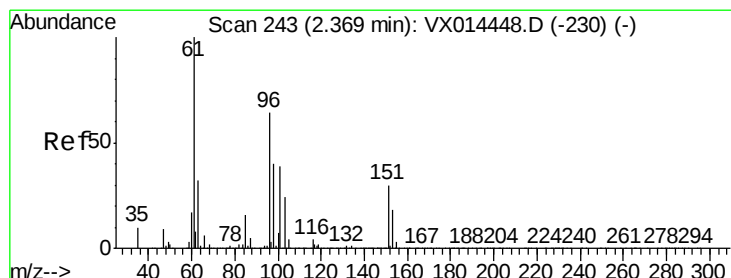
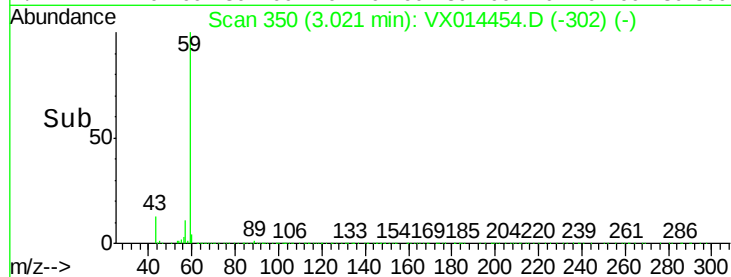
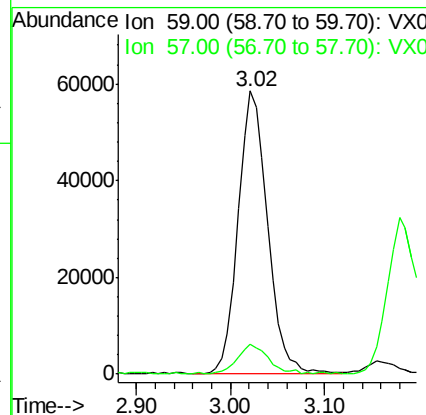
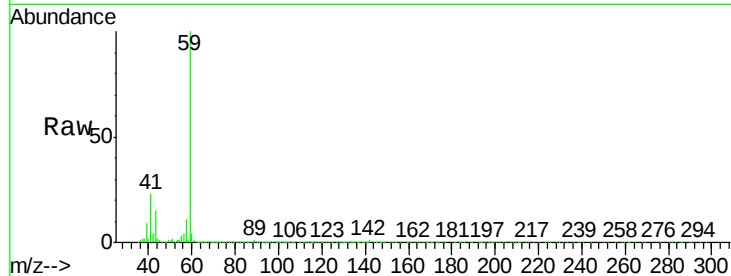
Tert butyl alcohol
 Concen: 102.230 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

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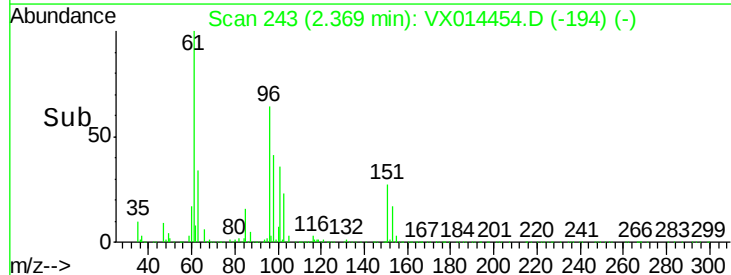
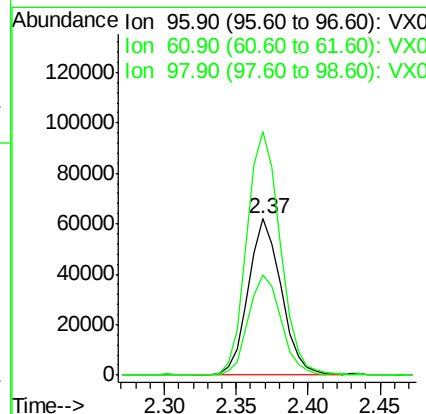
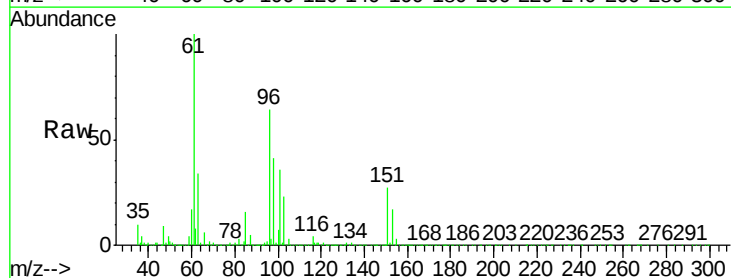
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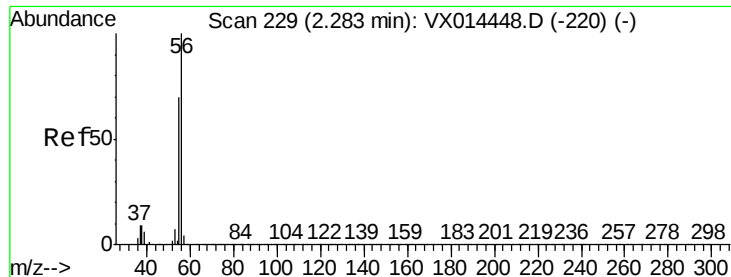


#12

1,1-Dichloroethene
 Concen: 18.525 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	125.0	187.6
98	63.9	50.2	75.2





#13

Acrolein

Concen: 93.980 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0107WBSD01

Tgt Ion: 56 Resp: 93585

Ion Ratio Lower Upper

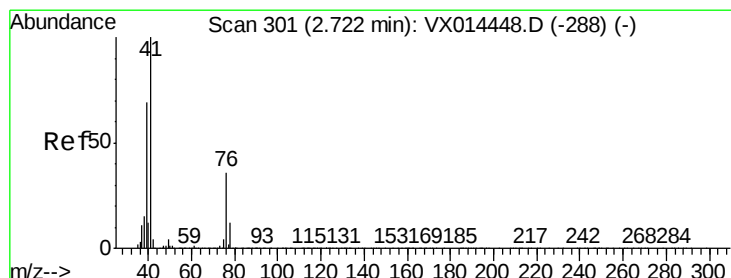
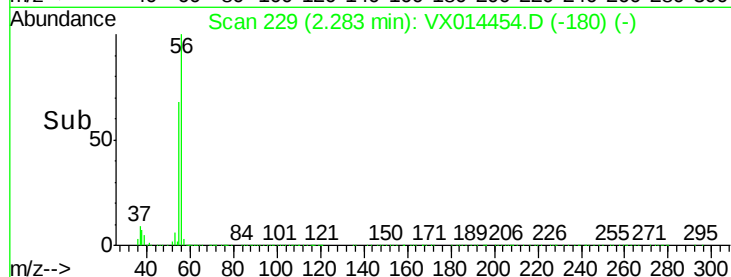
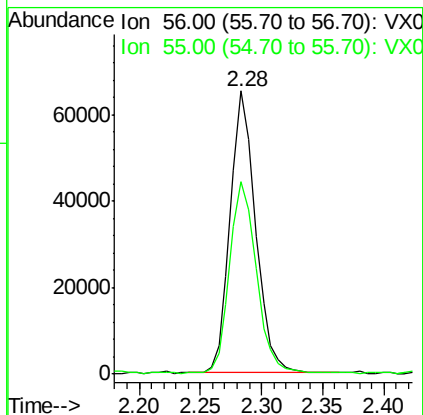
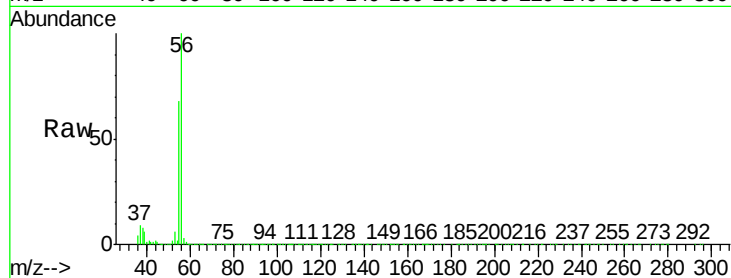
56 100

55 71.7 55.0 82.6

Manual Integrations
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#14

Allyl chloride

Concen: 18.942 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

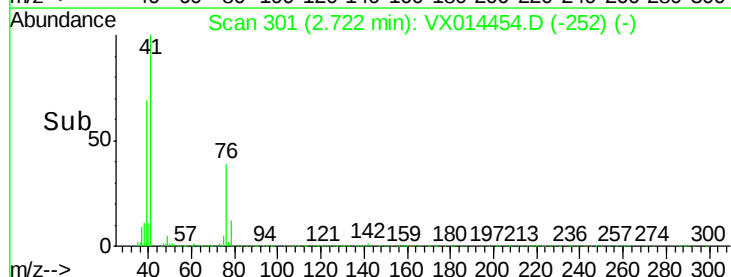
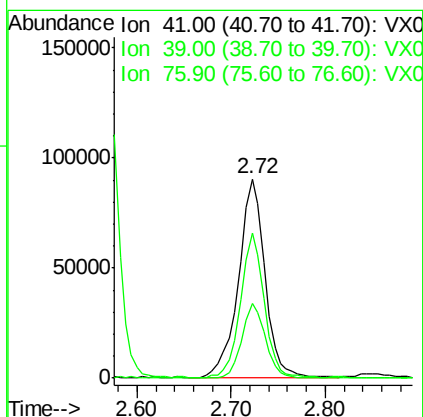
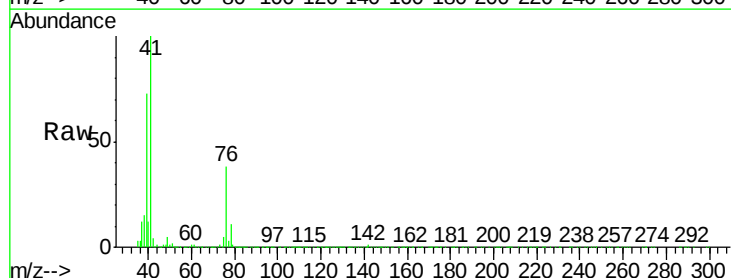
Tgt Ion: 41 Resp: 175069

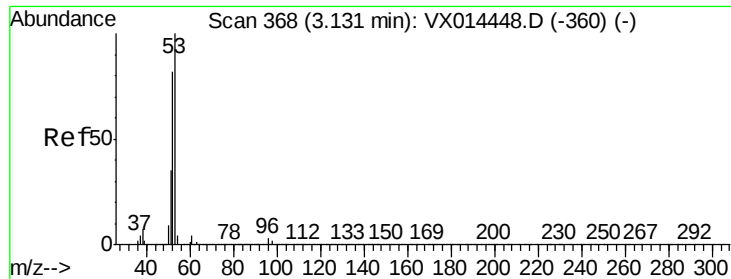
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 96.342 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

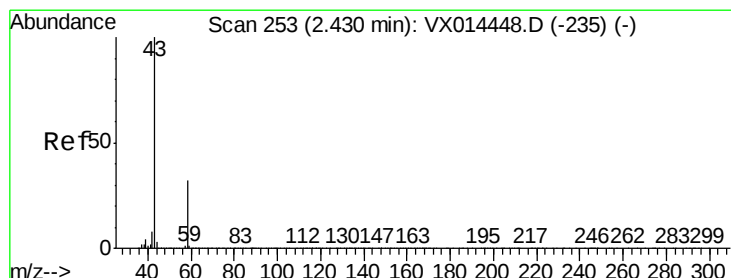
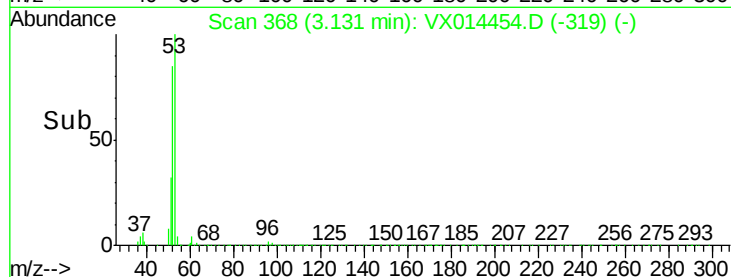
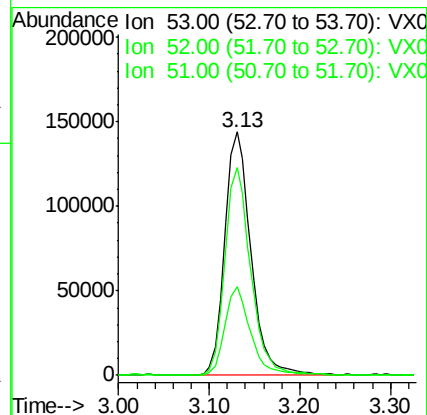
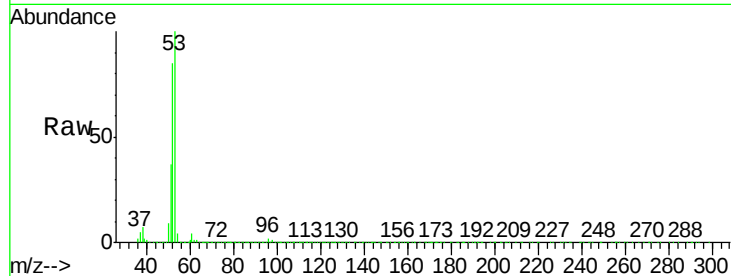
ClientSampleId :

VX0107WBSD01

Tgt Ion:	53	Resp:	288883
Ion Ratio		Lower	Upper
53	100		
52	85.4	67.0	100.4
51	36.1	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 98.770 ug/l

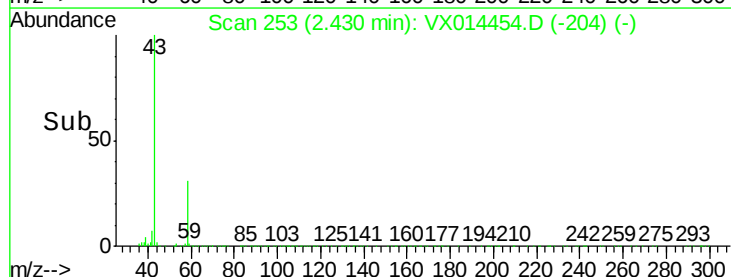
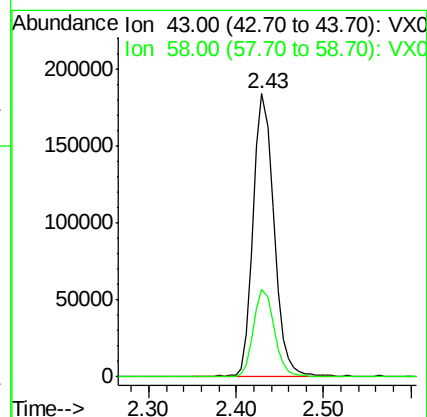
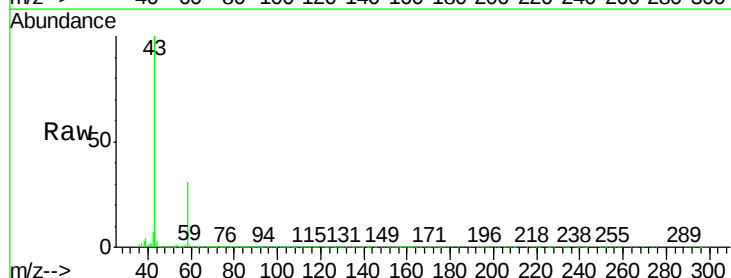
RT: 2.43 min Scan# 253

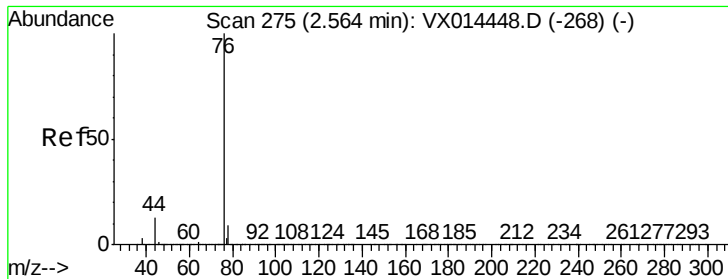
Delta R.T. 0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	43	Resp:	302212
Ion Ratio		Lower	Upper
43	100		
58	31.0	25.4	38.0





#17

Carbon Disulfide

Concen: 18.645 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tgt Ion: 76 Resp: 273875

Ion Ratio Lower Upper

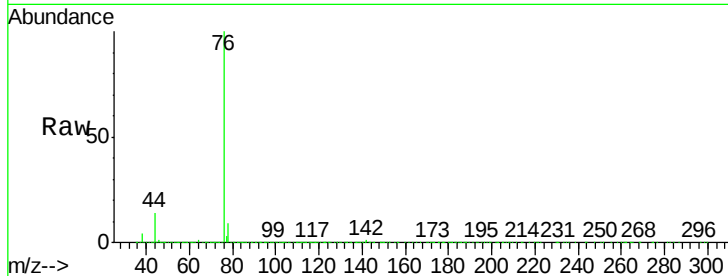
76 100

78 9.0 7.4 11.2

Manual Integrations
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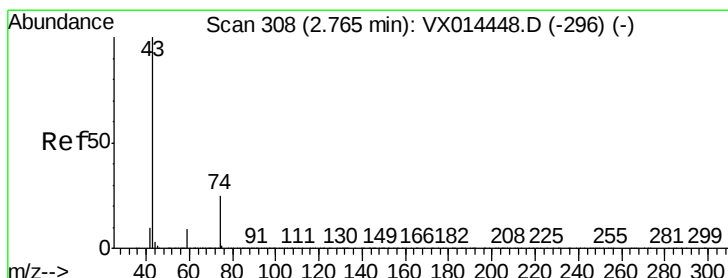
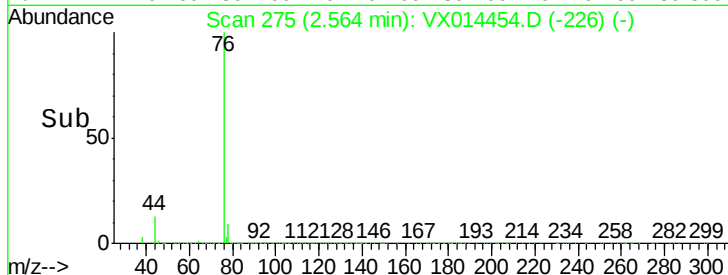
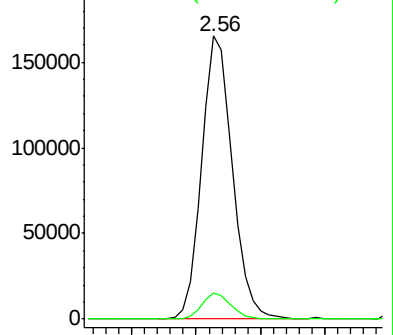
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.461 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014454.D

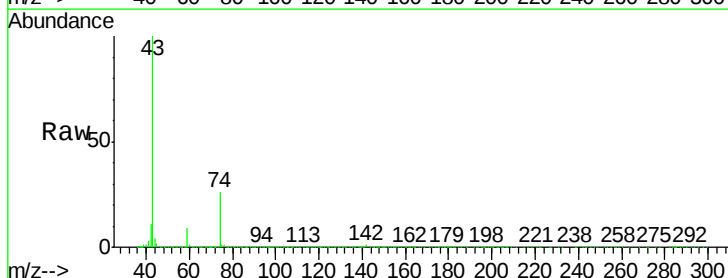
Acq: 07 Jan 2020 17:44

Tgt Ion: 43 Resp: 174984

Ion Ratio Lower Upper

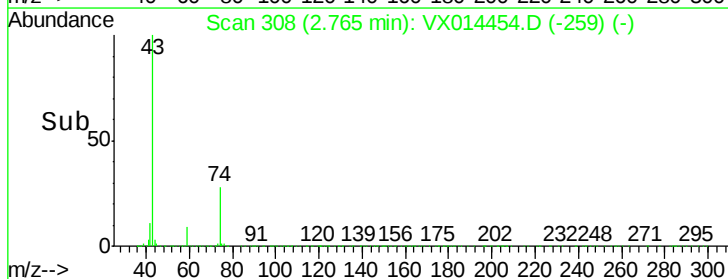
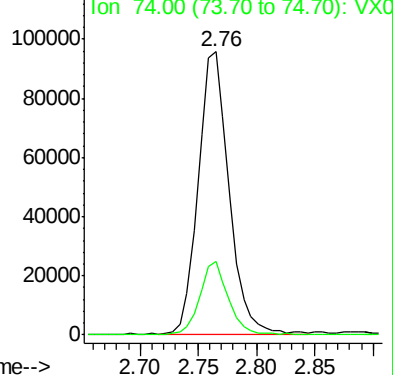
43 100

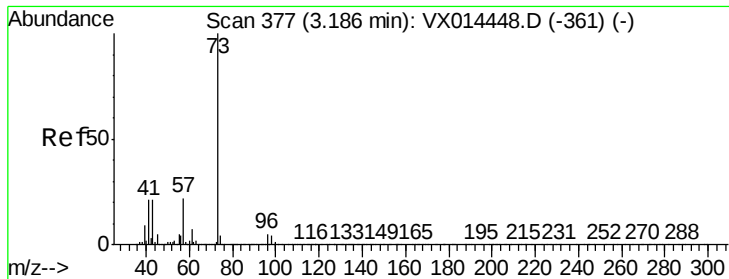
74 25.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

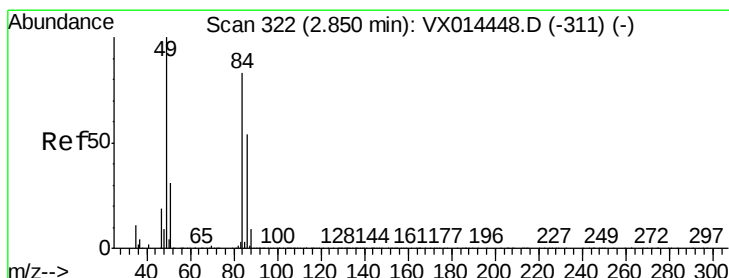
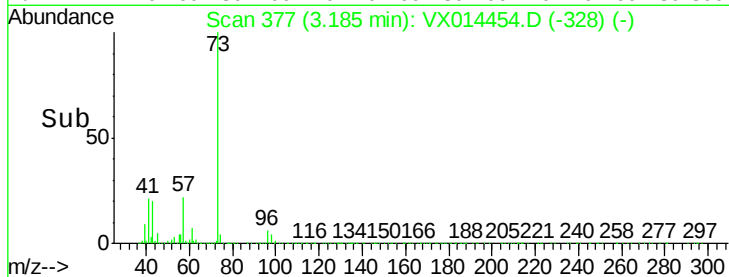
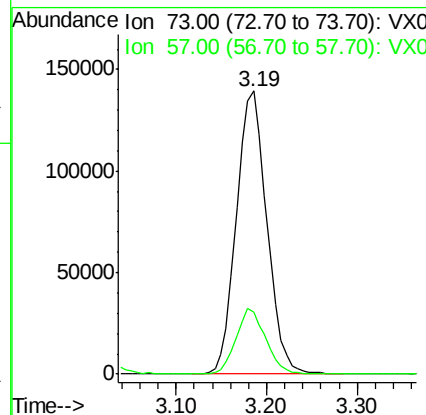
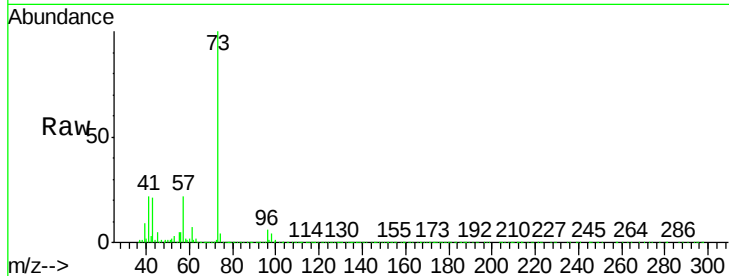
Methyl tert-butyl Ether
 Concen: 19.285 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.8

Manual Integrations
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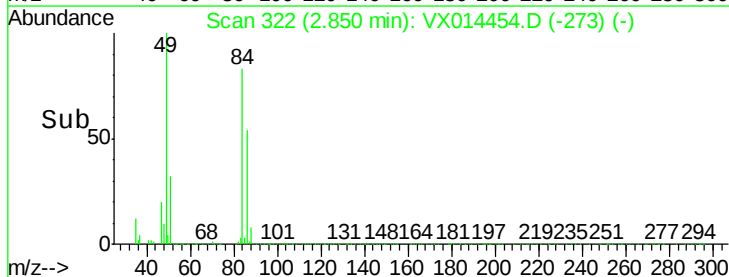
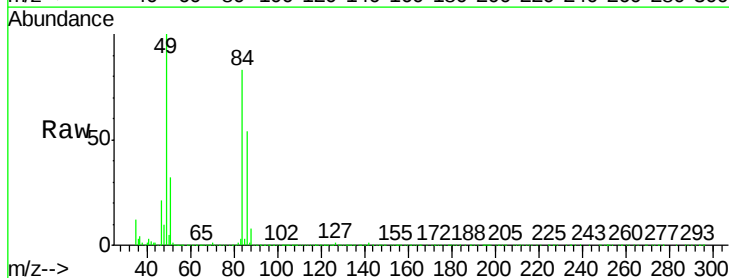
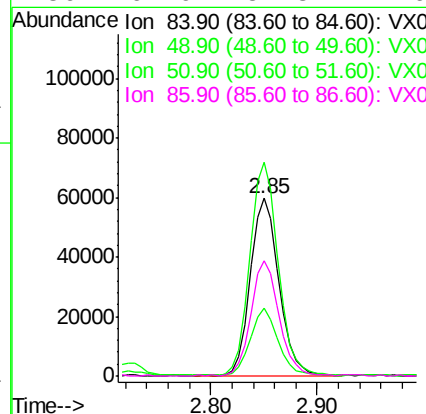
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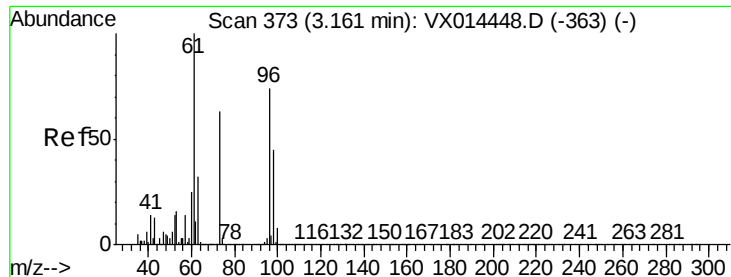


#20

Methylene Chloride
 Concen: 18.785 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	95.8	143.8
51	38.2	30.2	45.4
86	64.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

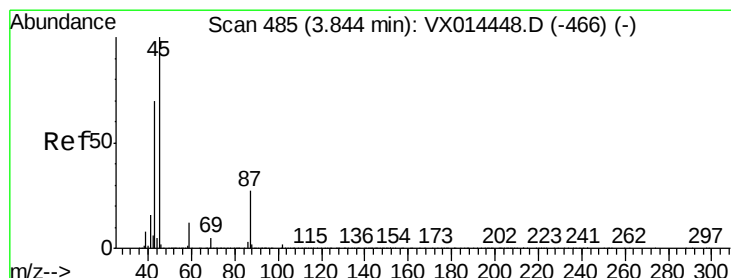
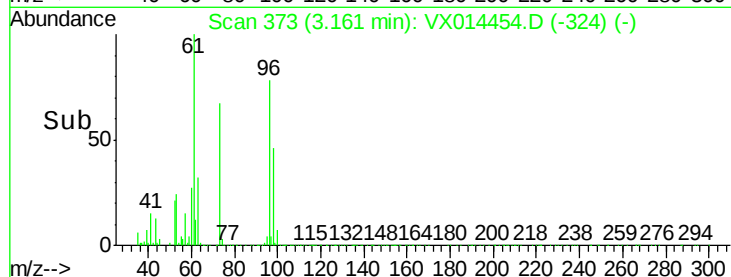
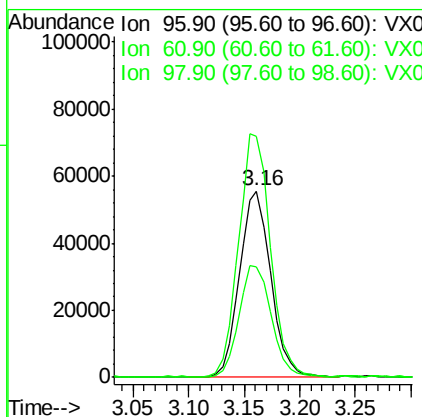
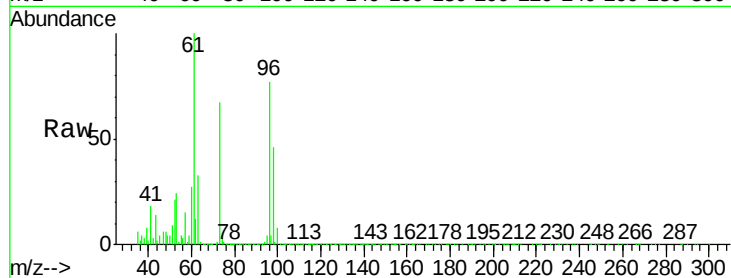
ClientSampleId :

VX0107WBSD01

Tgt Ion:	96	Resp:	107775
Ion	Ratio	Lower	Upper
96	100		
61	129.4	108.2	162.4
98	59.3	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.477 ug/l

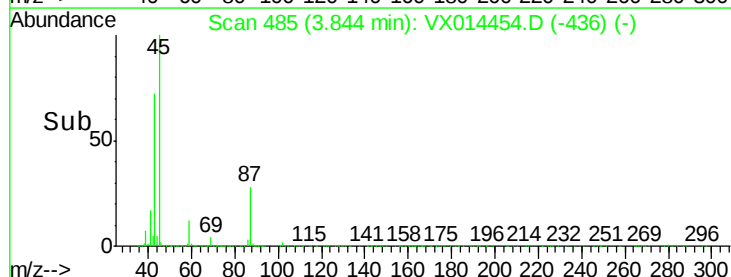
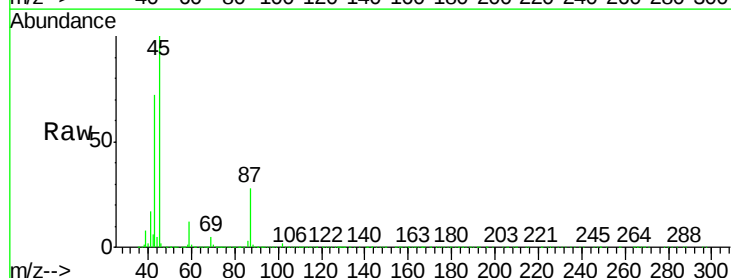
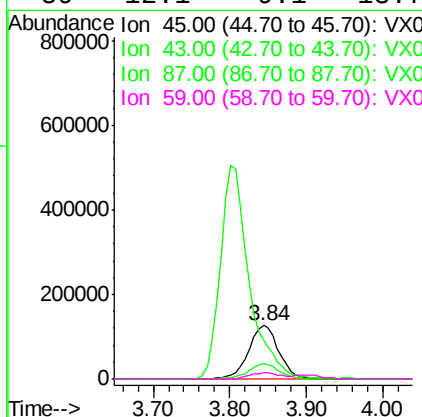
RT: 3.84 min Scan# 485

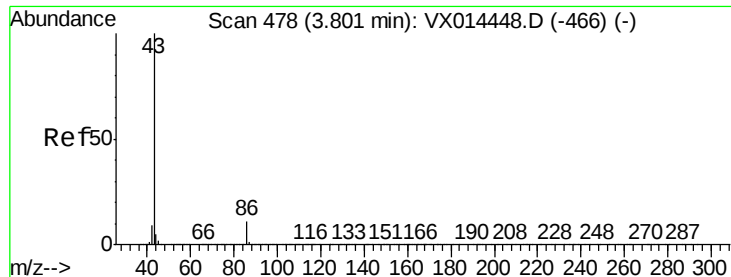
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	45	Resp:	347884
Ion	Ratio	Lower	Upper
45	100		
43	71.3	55.8	83.6
87	27.5	21.8	32.8
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 95.801 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion: 43 Resp: 1324765

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6

Instrument :

MSVOA_X

ClientSampleId :

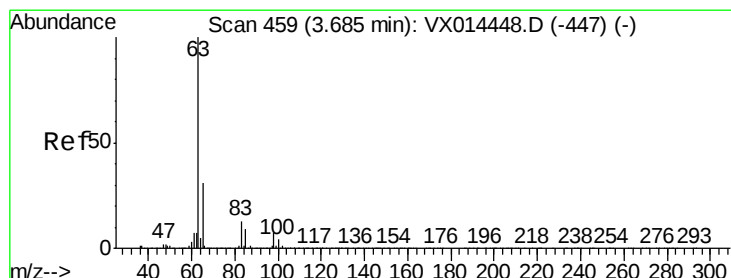
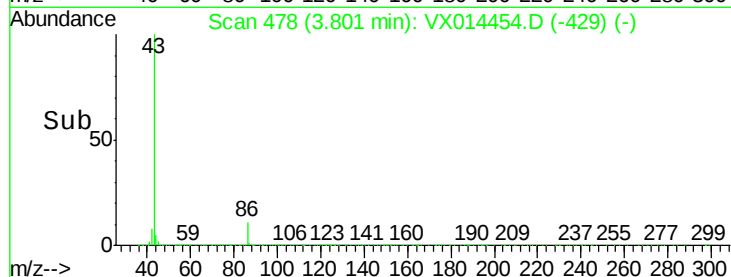
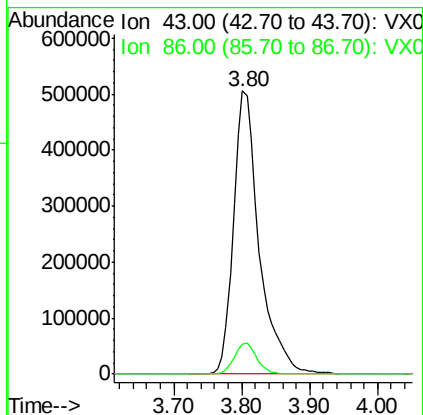
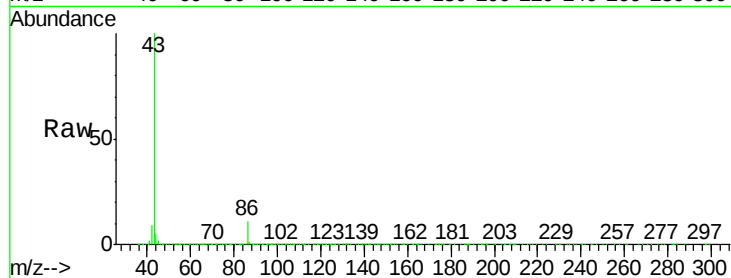
VX0107WBSD01

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.387 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

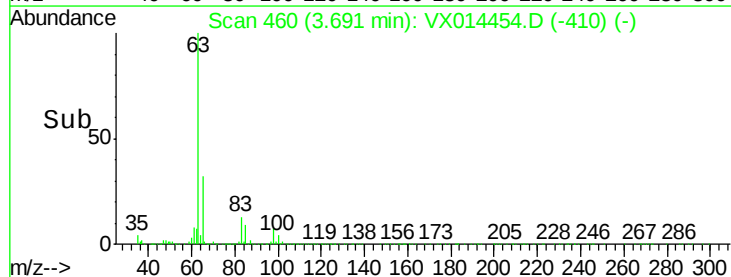
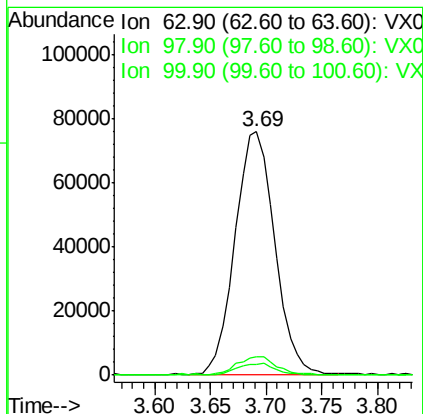
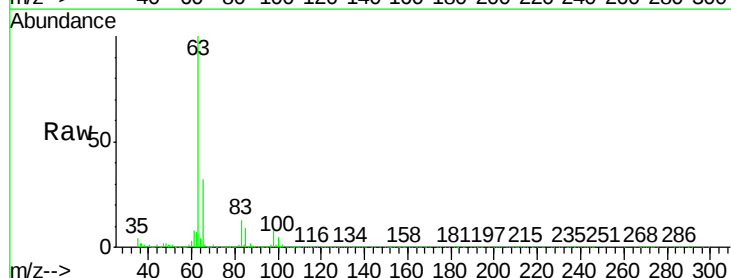
Tgt Ion: 63 Resp: 188369

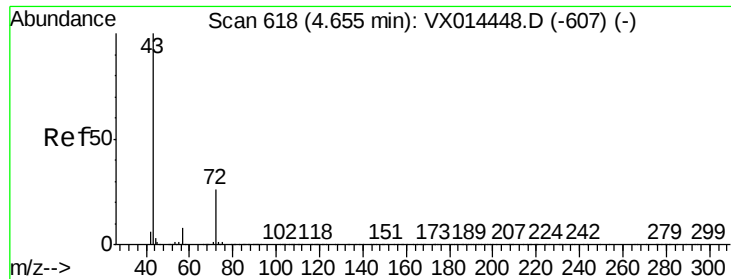
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 98.118 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0107WBSD01

Tgt Ion: 43 Resp: 436096

Ion Ratio Lower Upper

43 100

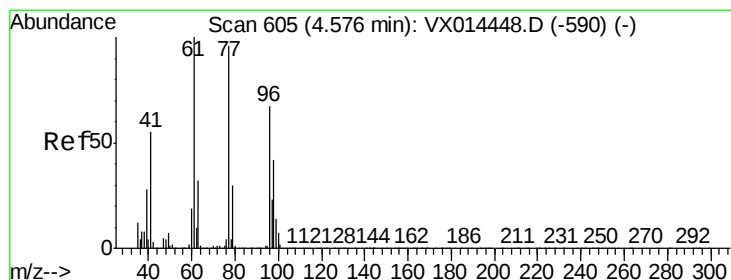
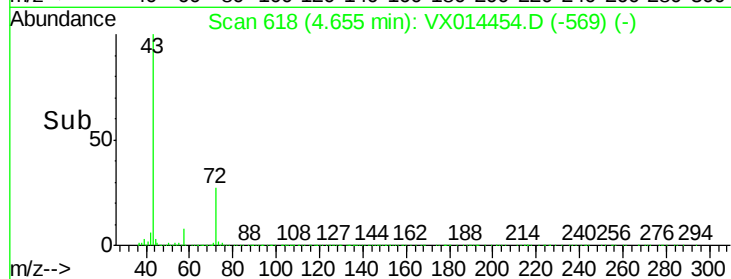
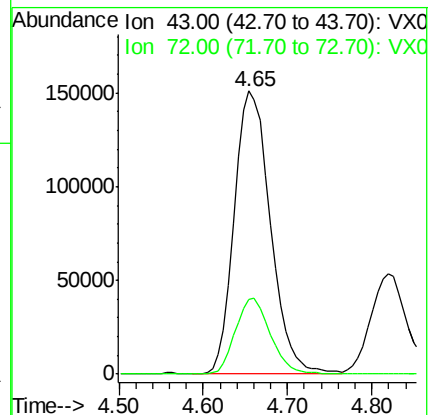
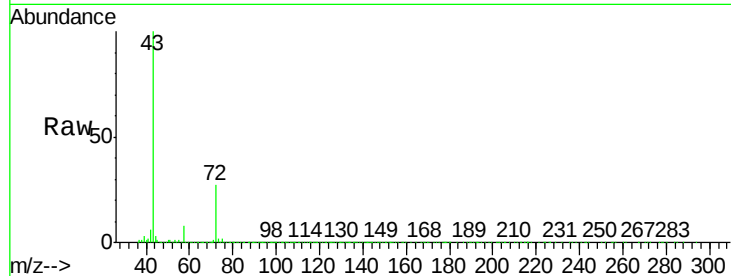
72 26.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.786 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014454.D

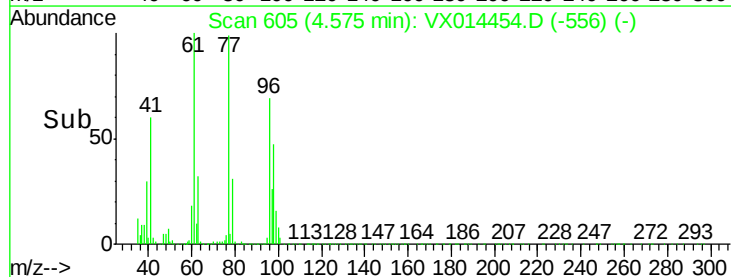
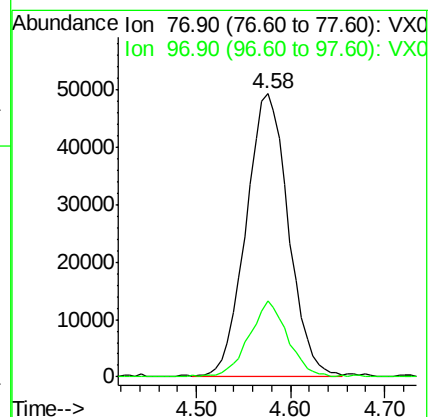
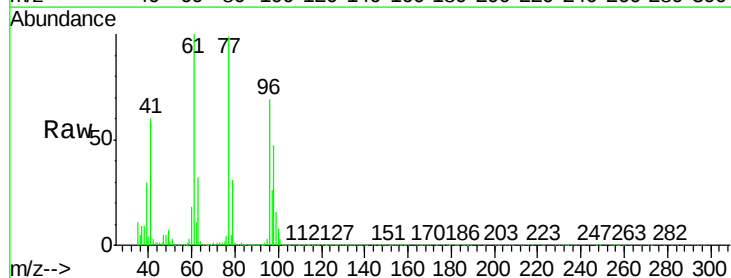
Acq: 07 Jan 2020 17:44

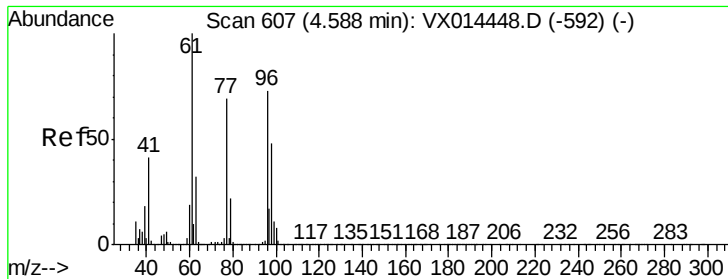
Tgt Ion: 77 Resp: 154626

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1





#27

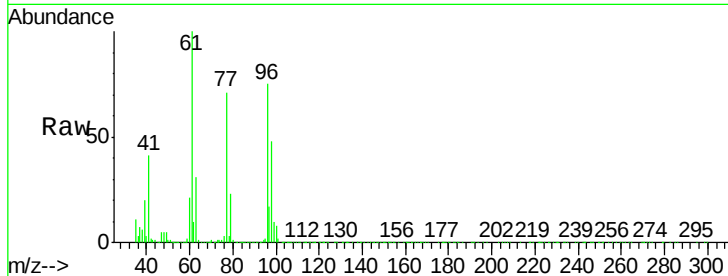
cis-1,2-Dichloroethene
Concen: 18.761 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0107WBSD01

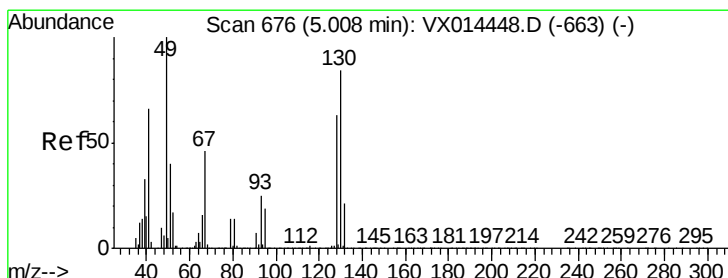
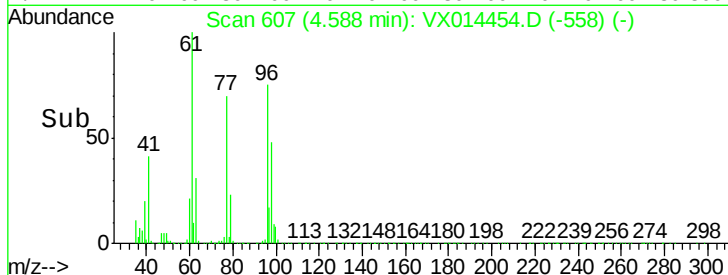
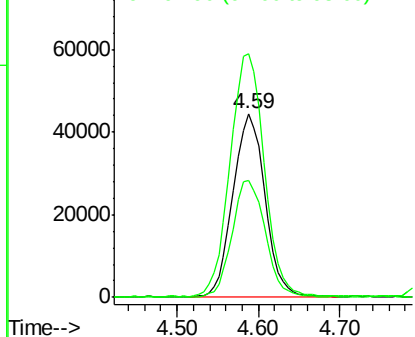
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	120532		
61	141.1	0.0	285.4	
98	66.5	0.0	130.6	

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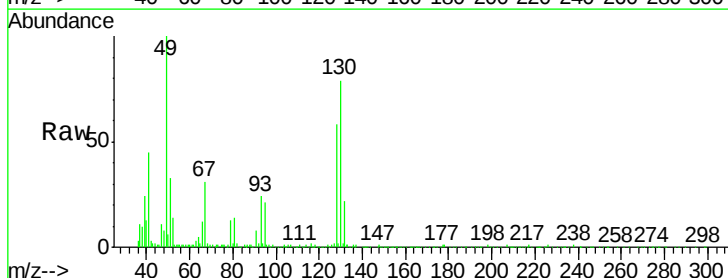
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



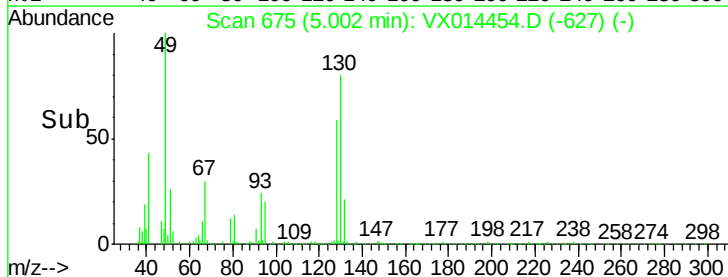
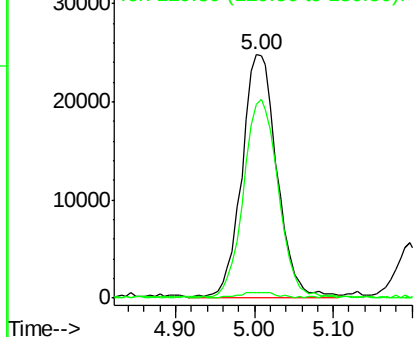
#28

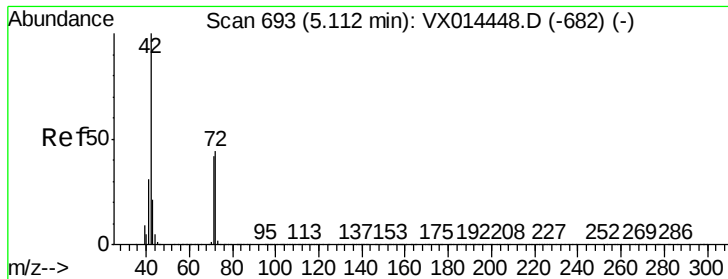
Bromochloromethane
Concen: 18.872 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77267		
129	2.6	0.0	4.4	
130	79.6	67.0	100.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





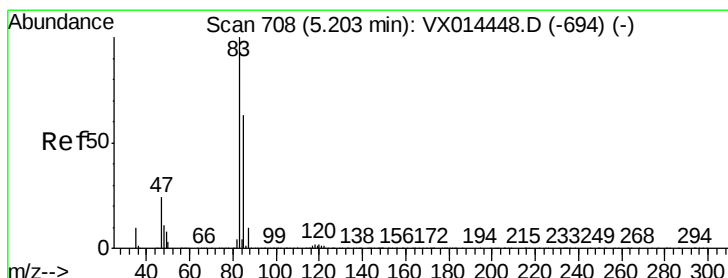
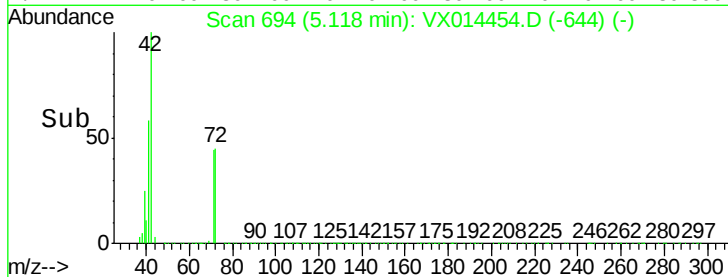
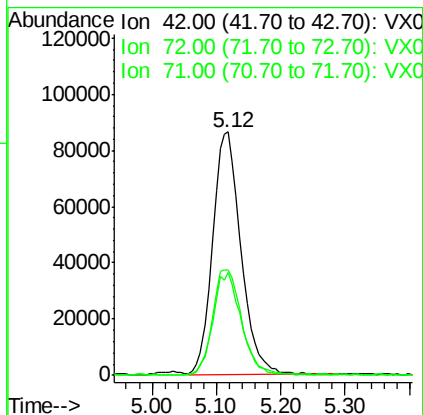
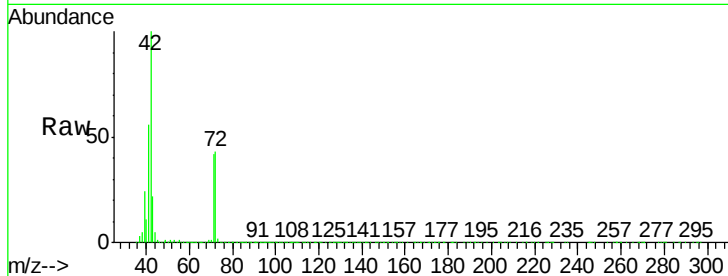
#29
Tetrahydrofuran
Concen: 101.219 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
72	44.8	36.2	54.4
71	42.1	34.1	51.1

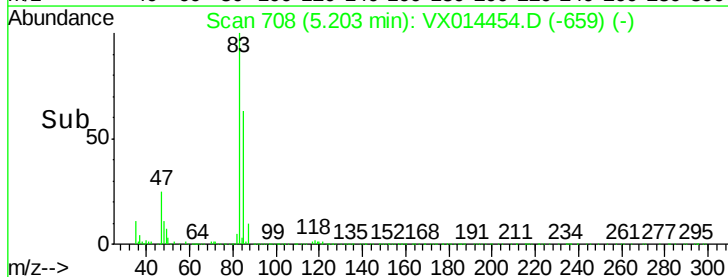
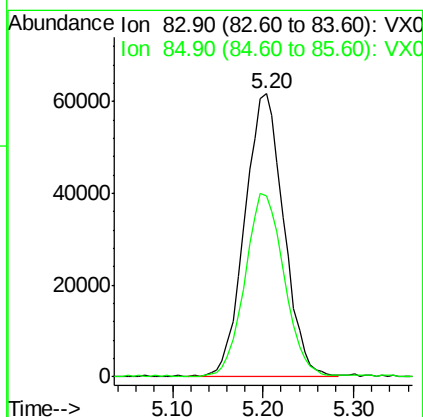
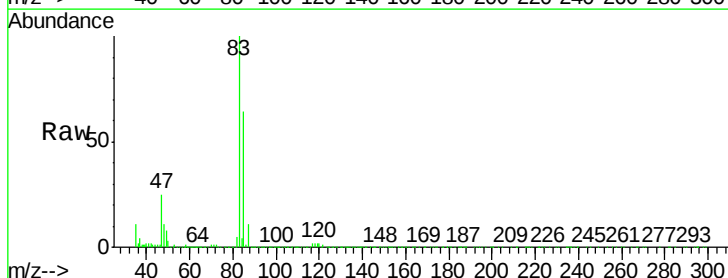
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#30
Chloroform
Concen: 19.268 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	63.9	50.6	75.8





#31

Cyclohexane

Concen: 19.825 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

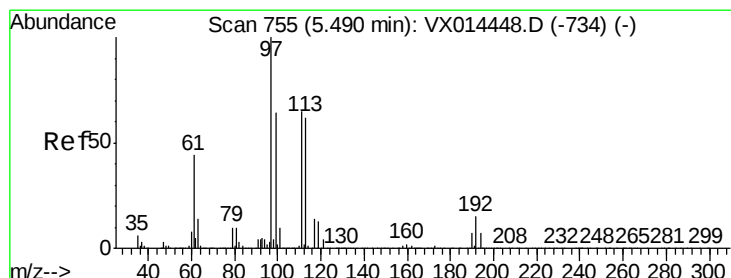
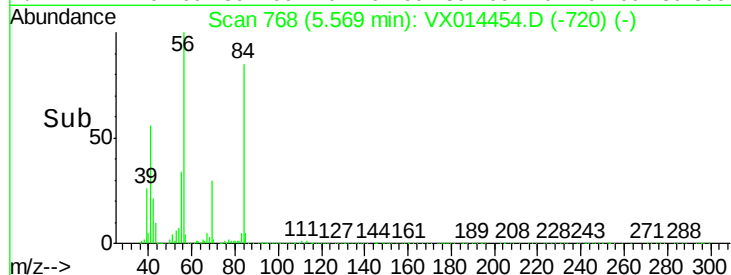
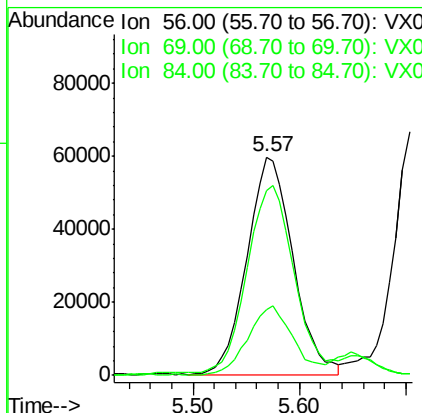
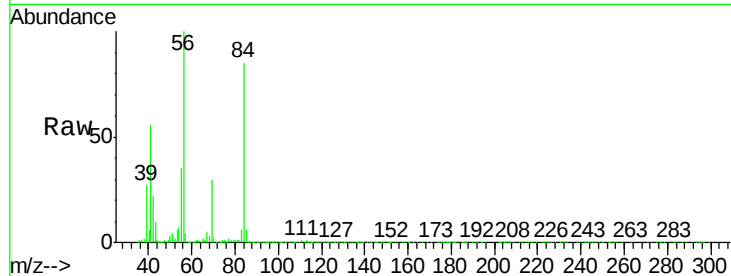
ClientSampled :

VX0107WBSD01

Tgt Ion:	56	Resp:	180300
Ion Ratio		Lower	Upper
56	100		
69	29.6	24.4	36.6
84	83.2	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 19.470 ug/l

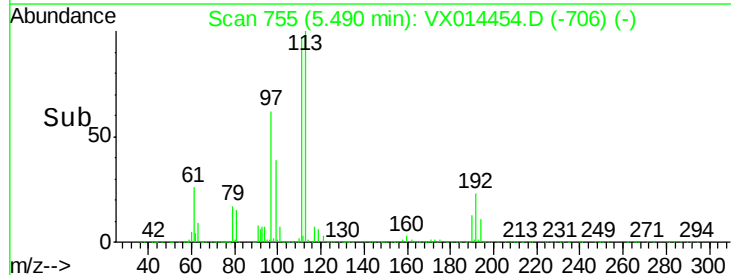
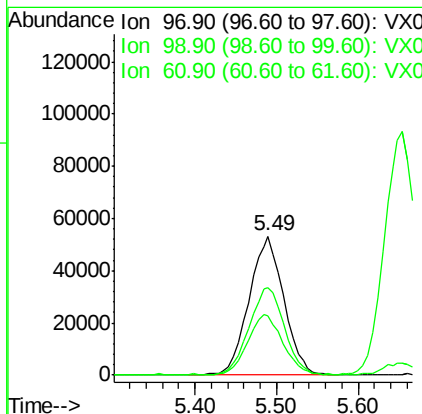
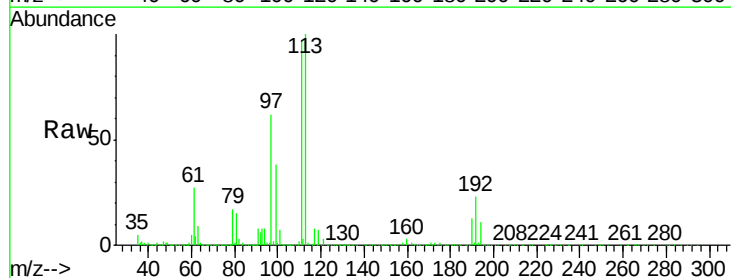
RT: 5.49 min Scan# 755

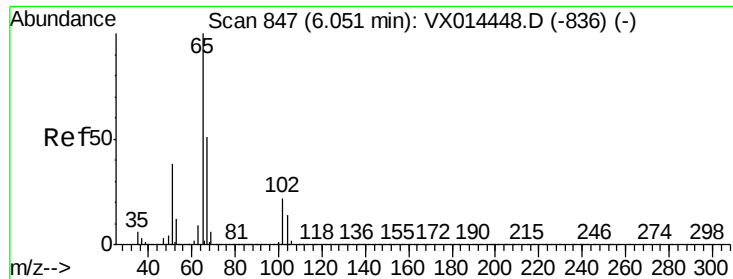
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	97	Resp:	158236
Ion Ratio		Lower	Upper
97	100		
99	64.6	51.8	77.6
61	42.7	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 48.801 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0107WBSD01

Tgt Ion: 65 Resp: 290373
Ion Ratio Lower Upper

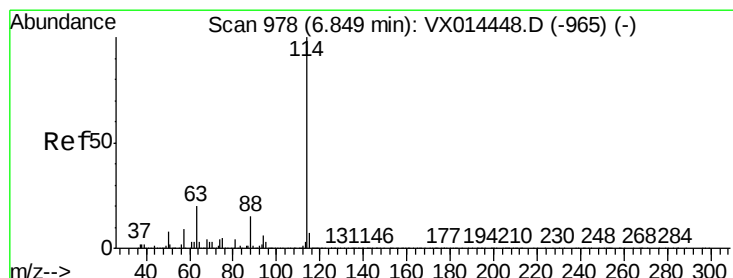
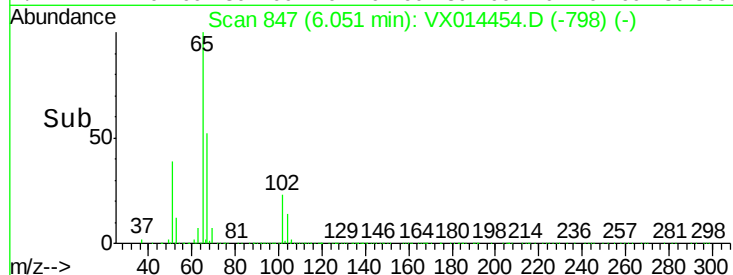
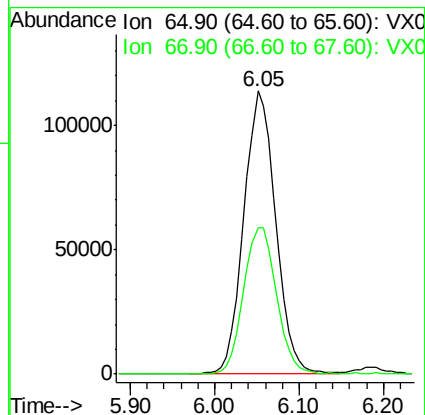
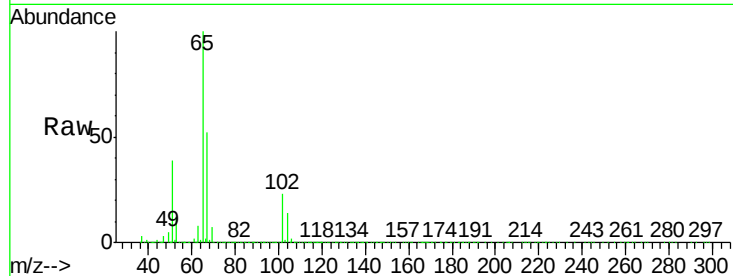
65 100

67 53.5 0.0 106.2

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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: VX014454.D

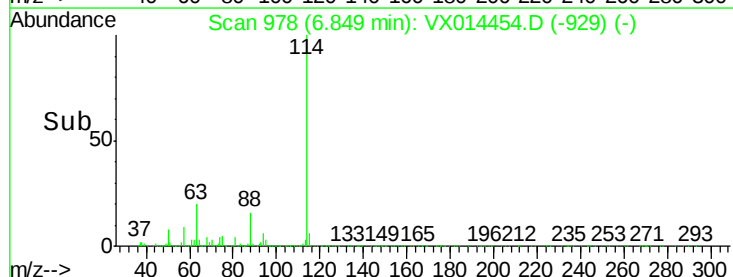
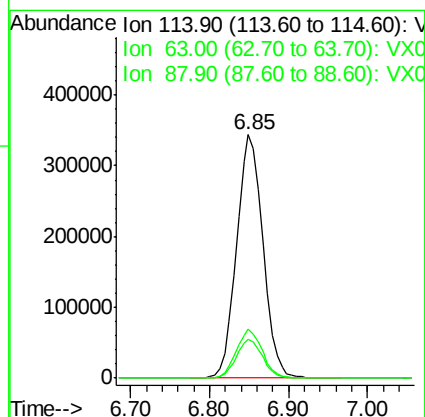
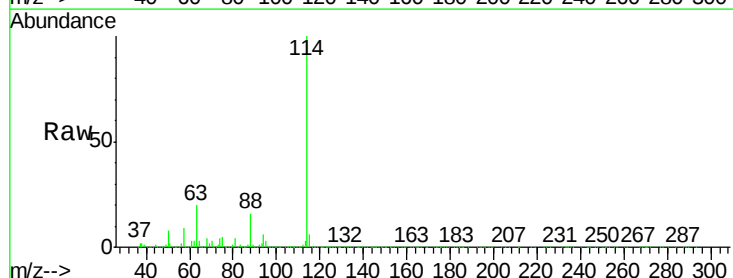
Acq: 07 Jan 2020 17:44

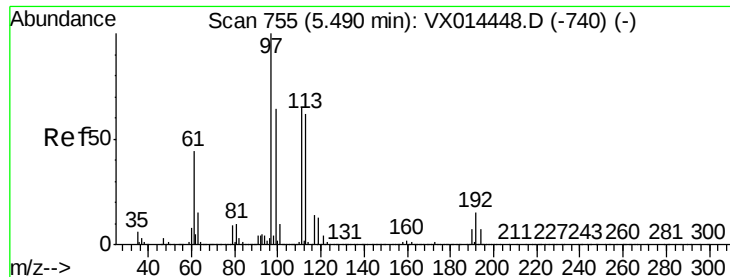
Tgt Ion: 114 Resp: 797173
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.307 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

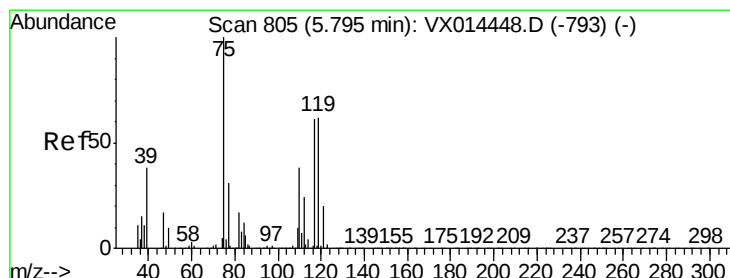
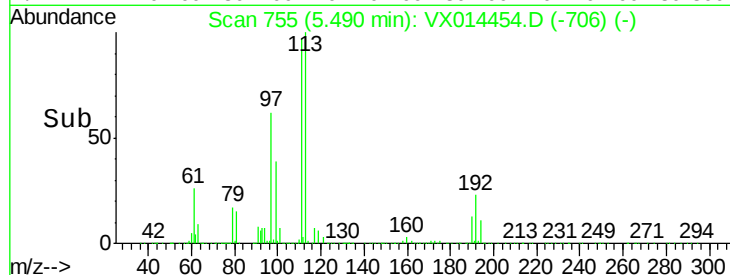
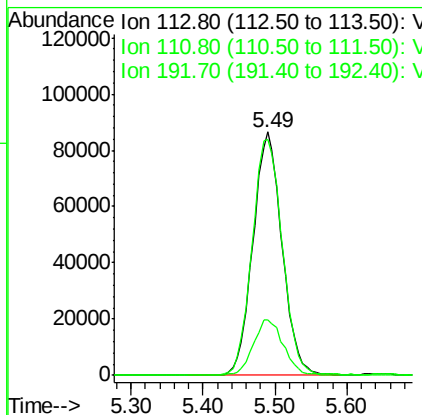
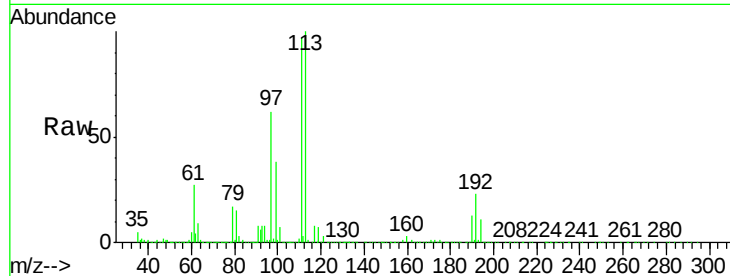
ClientSampleId :

VX0107WBSD01

Tgt Ion:	113	Resp:	242761
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.5	122.3
192	23.8	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 19.118 ug/l

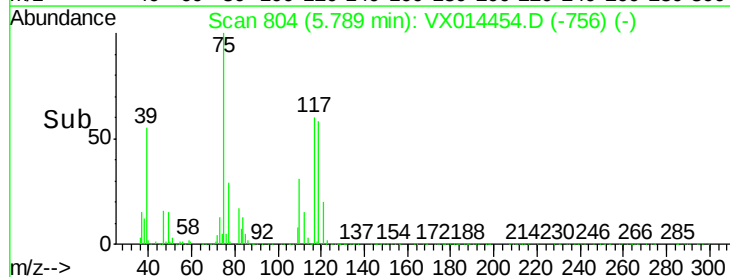
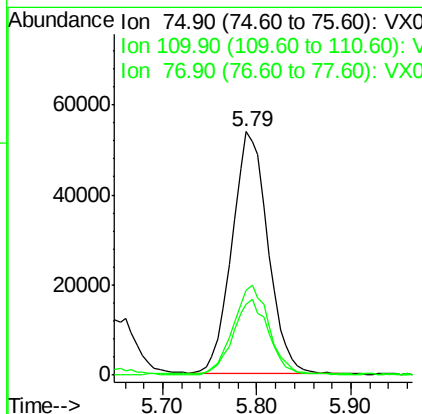
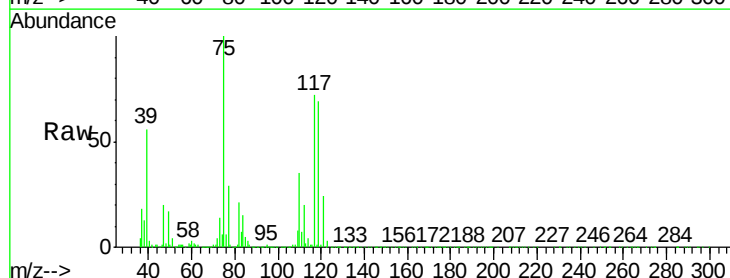
RT: 5.79 min Scan# 804

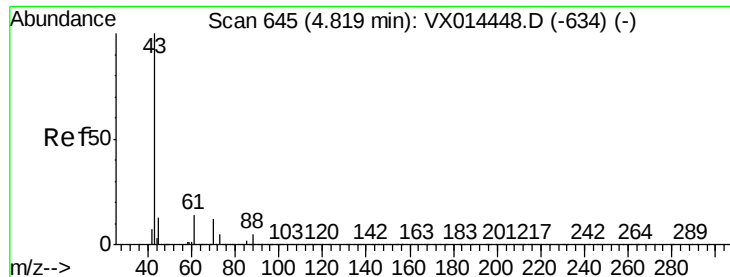
Delta R.T. -0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	75	Resp:	143318
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.6	55.8
77	30.1	24.5	36.7





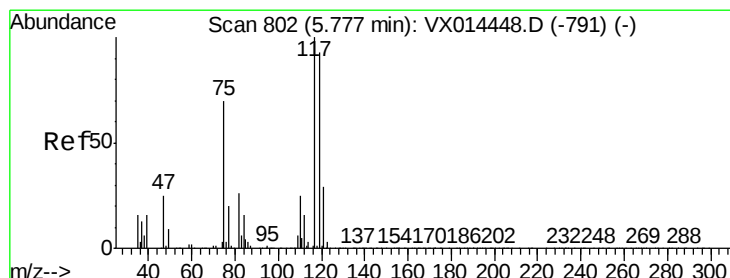
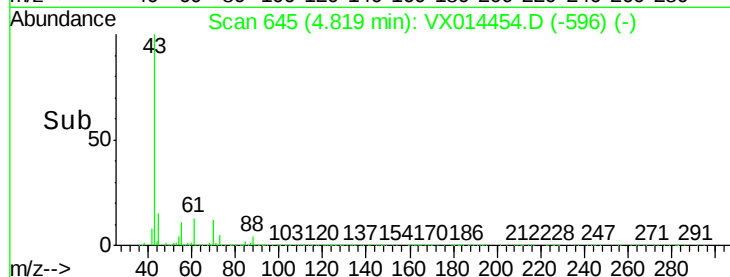
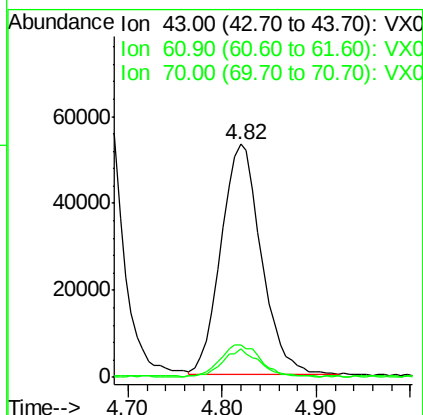
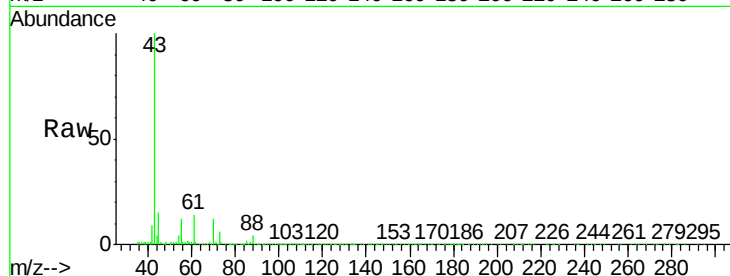
#37
Ethyl Acetate
Concen: 19.266 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	11.3	8.9	13.3

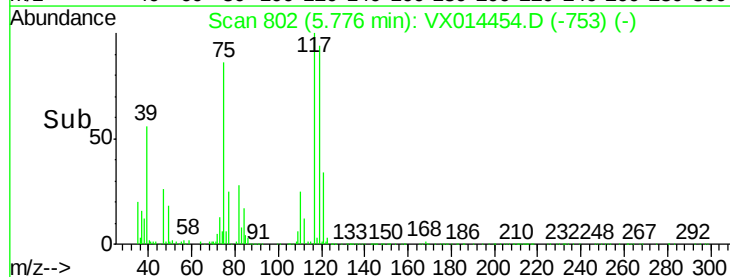
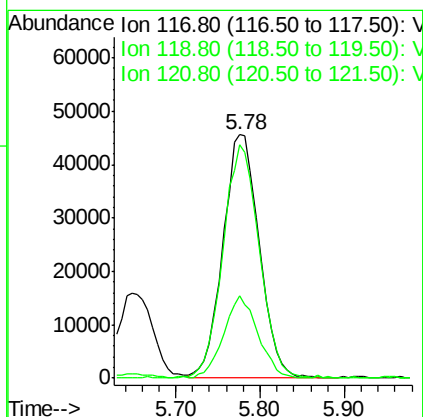
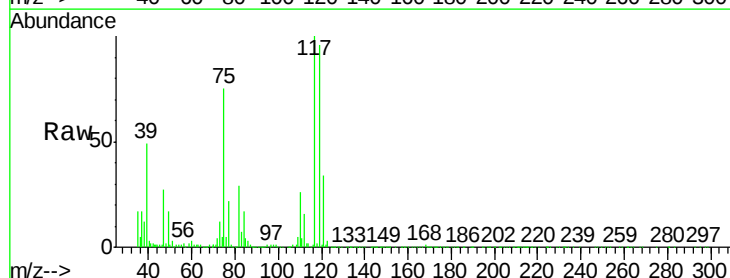
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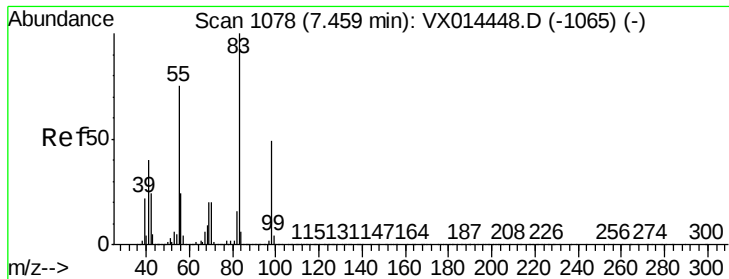
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#38
Carbon Tetrachloride
Concen: 19.250 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.8	110.8
121	33.5	23.4	35.0





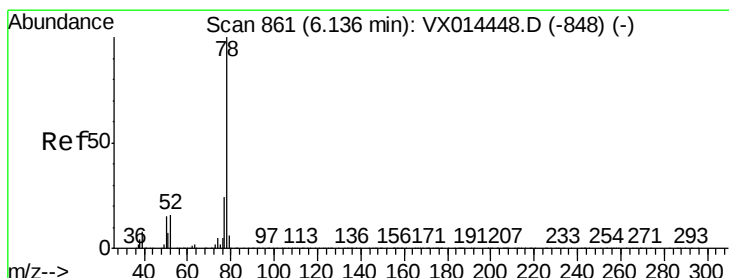
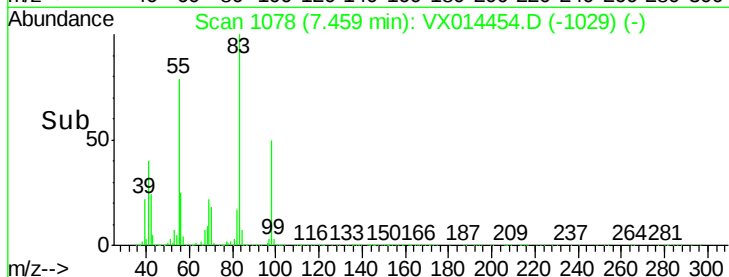
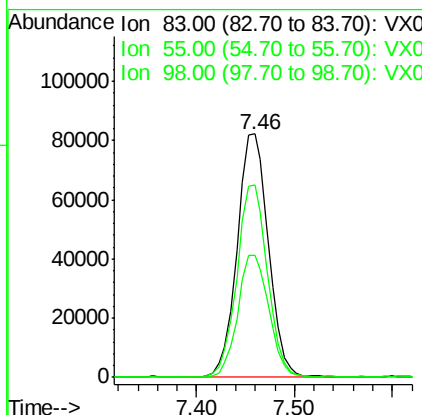
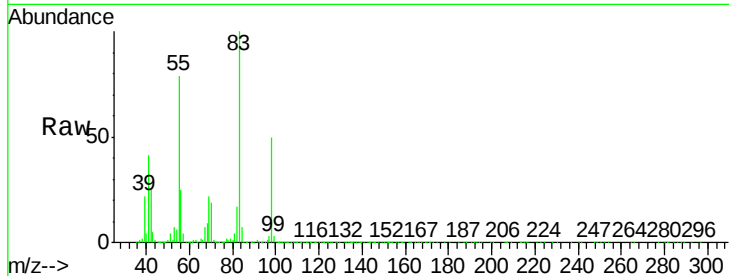
#39
Methylcyclohexane
Concen: 19.276 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.1	59.7	89.5
98	50.3	39.1	58.7

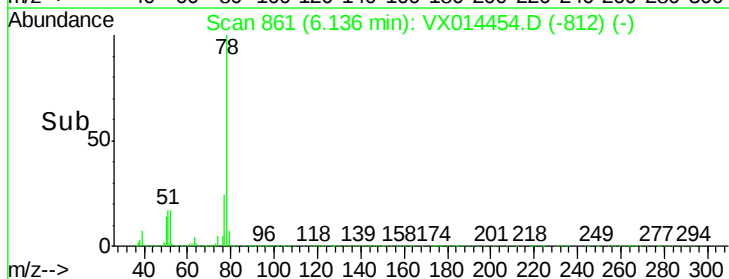
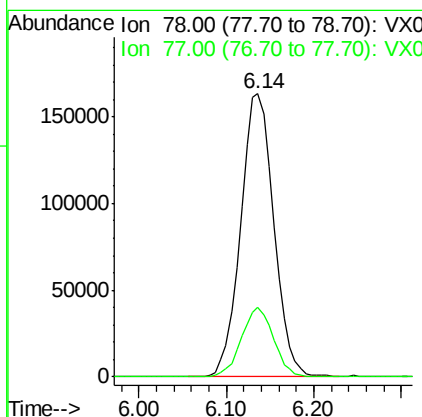
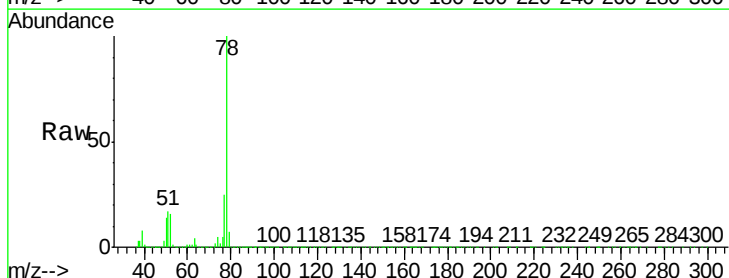
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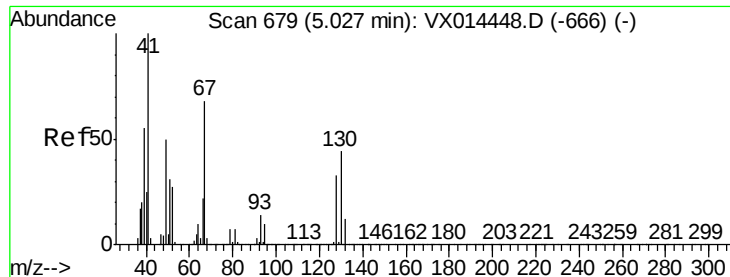
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#40
Benzene
Concen: 19.277 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





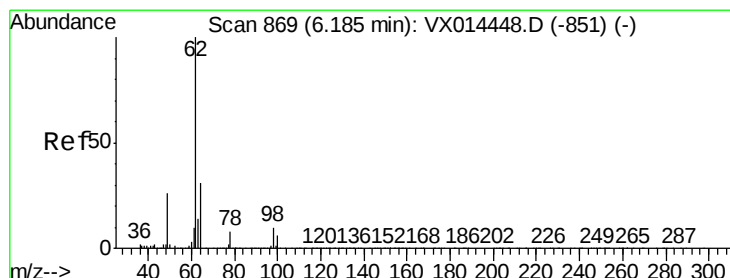
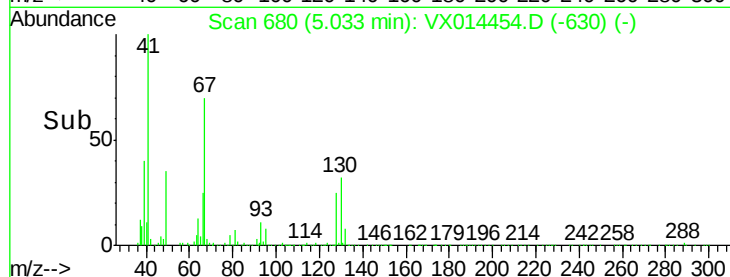
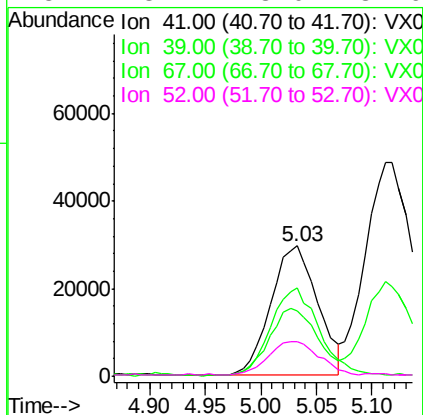
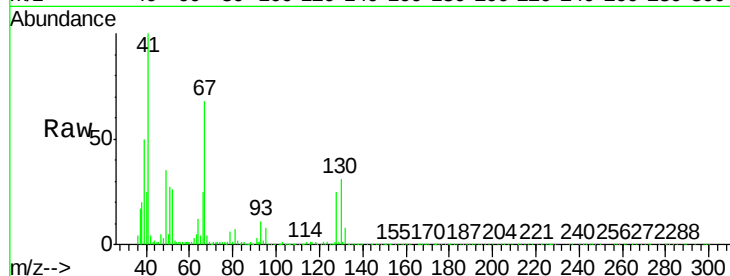
#41
Methacrylonitrile
Concen: 19.966 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.6	65.4
67	70.1	57.9	86.9
52	28.1	23.0	34.6

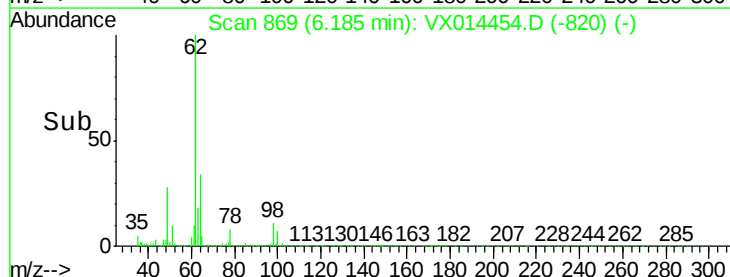
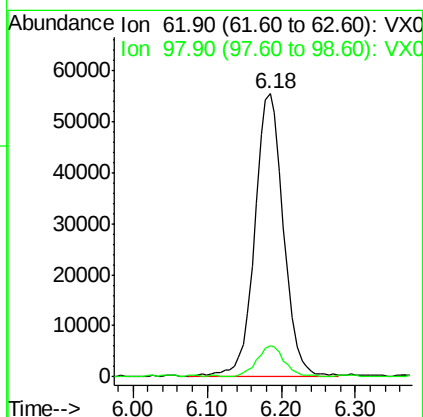
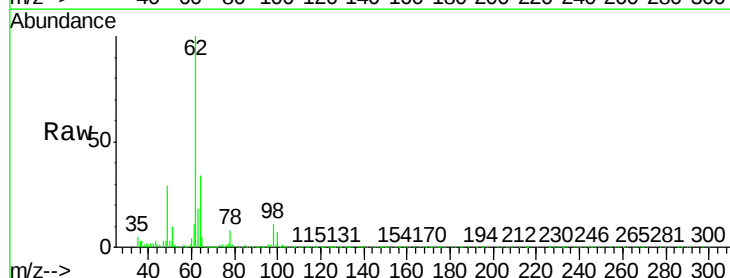
Manual Integrations
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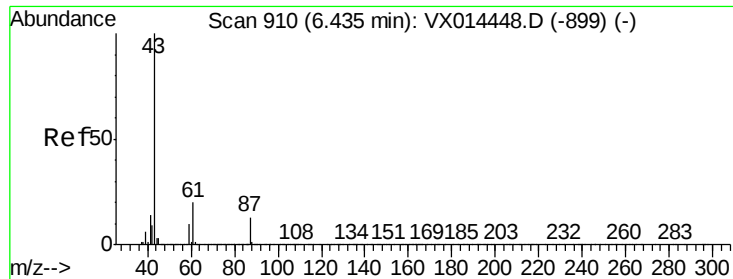
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#42
1,2-Dichloroethane
Concen: 19.072 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4





#43

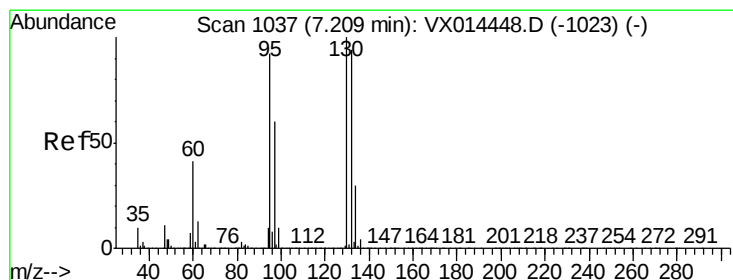
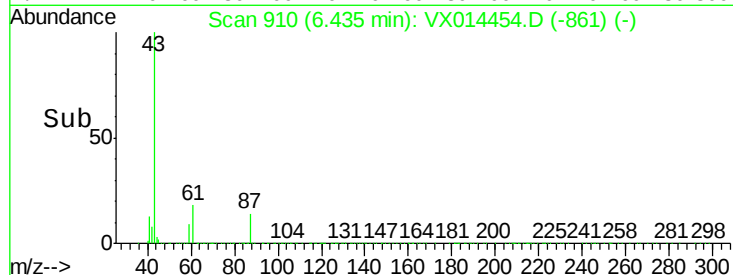
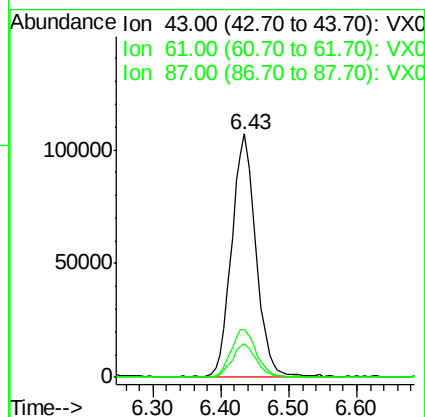
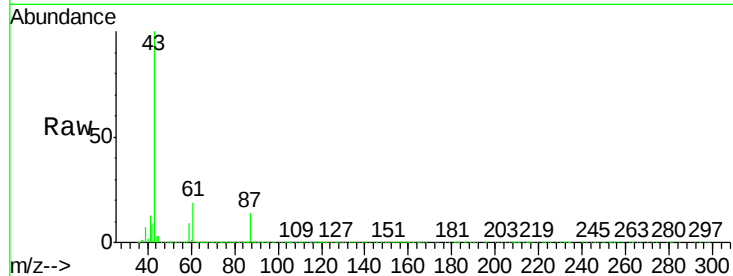
Isopropyl Acetate
 Concen: 19.965 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	13.4	10.8	16.2

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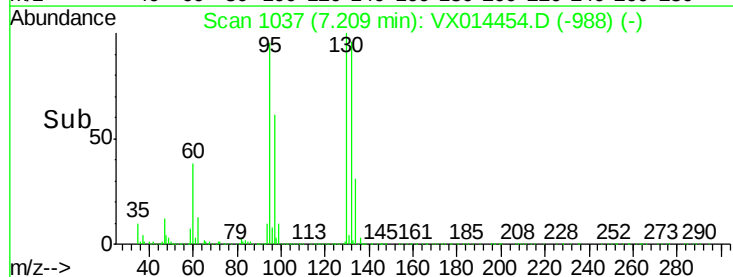
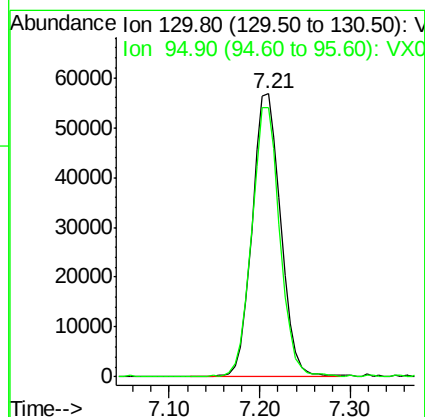
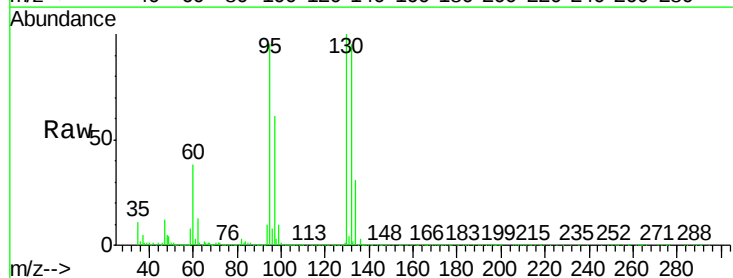
apatel
 1/8/2020 9:16:14 AM

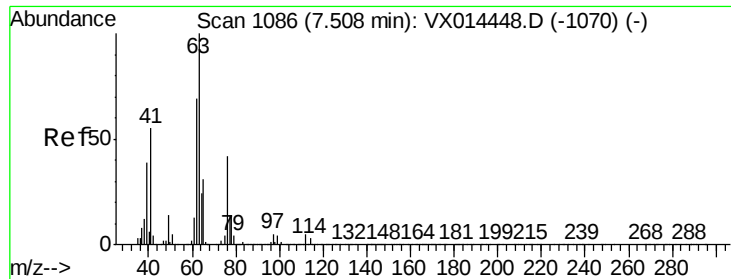


#44

Trichloroethene
 Concen: 19.360 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	184.2





#45

1,2-Dichloropropane

Concen: 19.597 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tgt Ion: 63 Resp: 111165

Ion Ratio Lower Upper

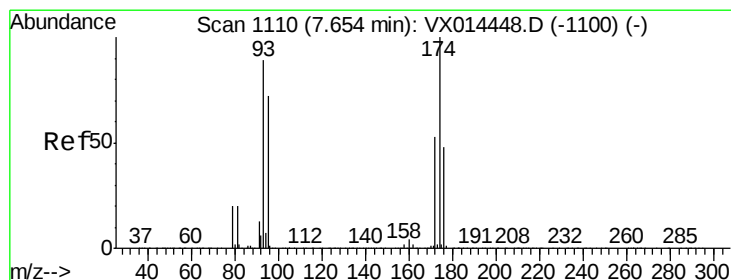
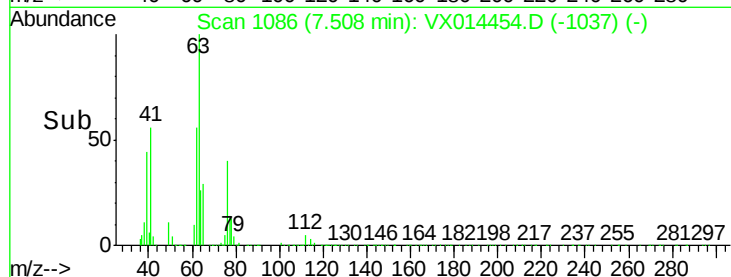
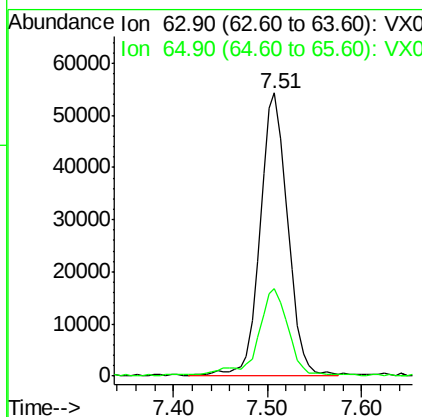
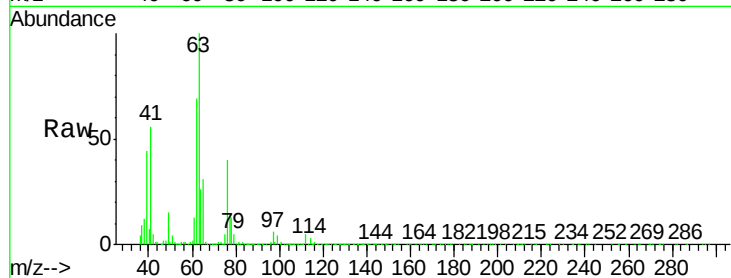
63 100

65 30.3 24.8 37.2

Manual Integrations
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apatel

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#46

Dibromomethane

Concen: 18.127 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

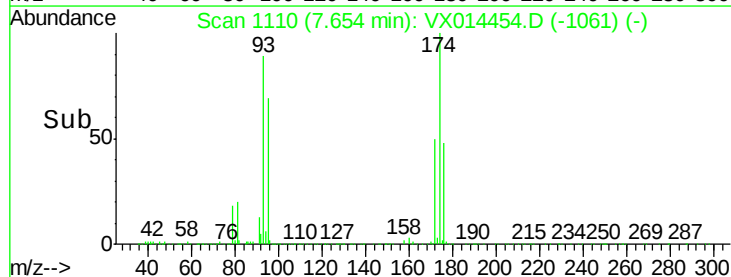
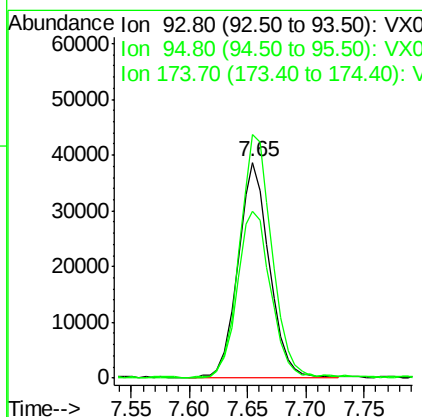
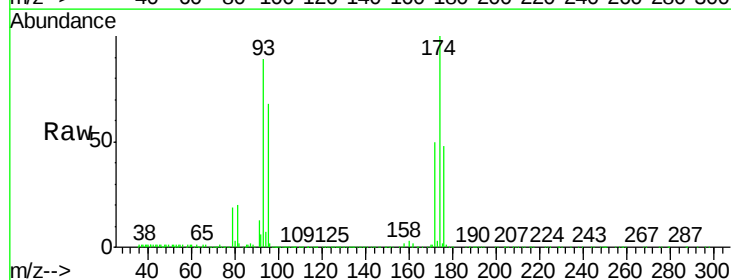
Tgt Ion: 93 Resp: 71769

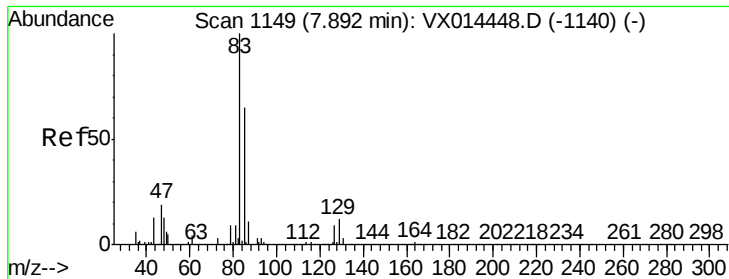
Ion Ratio Lower Upper

93 100

95 83.3 65.4 98.2

174 118.0 93.0 139.4





#47

Bromodichloromethane

Concen: 19.266 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

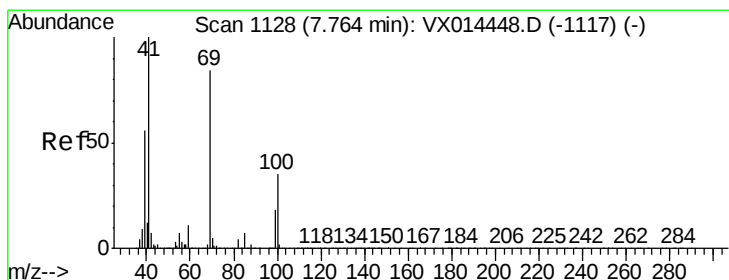
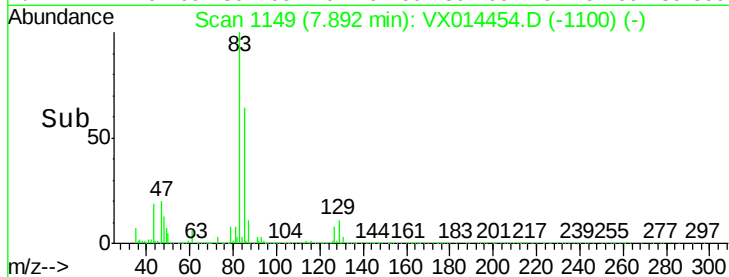
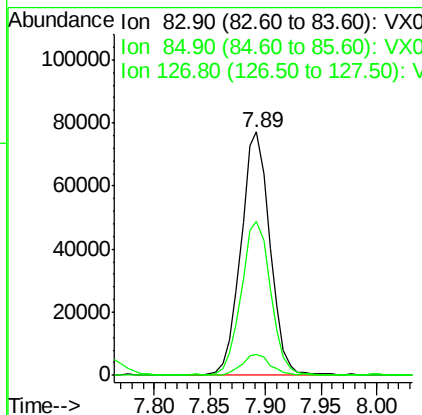
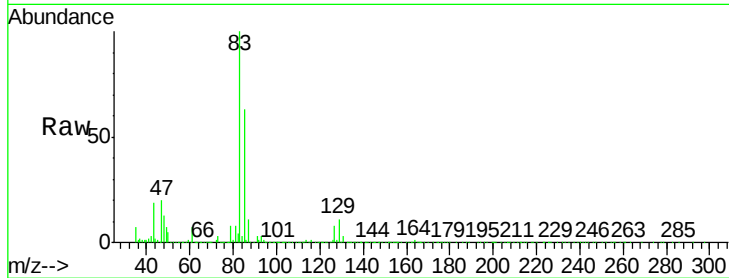
ClientSampleId :

VX0107WBSD01

Tgt Ion:	83	Resp:	138798
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5
127	8.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.000 ug/l

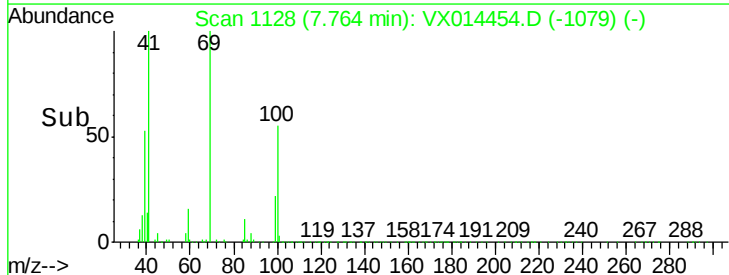
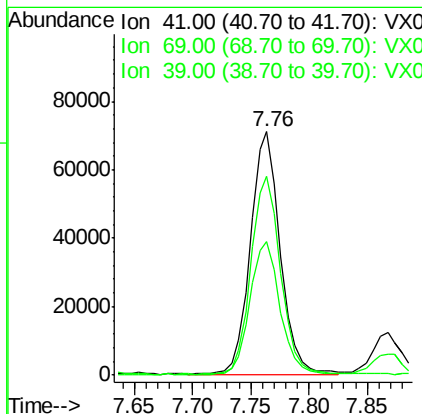
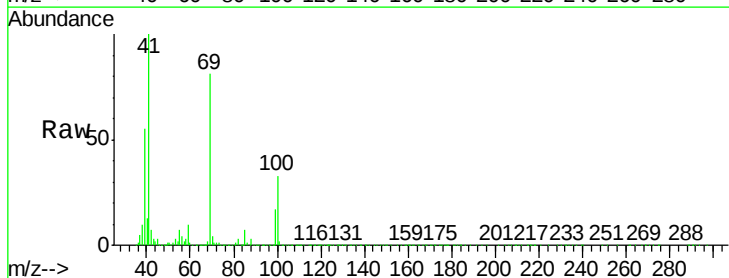
RT: 7.76 min Scan# 1128

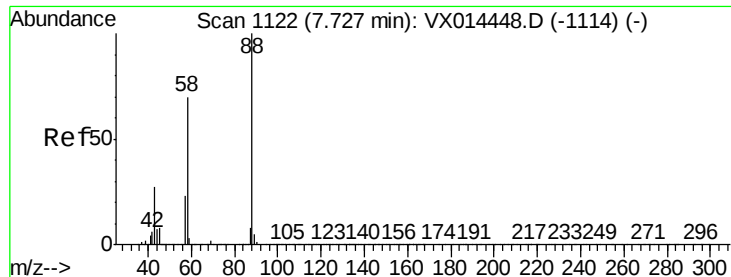
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	41	Resp:	126006
Ion	Ratio	Lower	Upper
41	100		
69	82.9	65.5	98.3
39	54.9	43.9	65.9





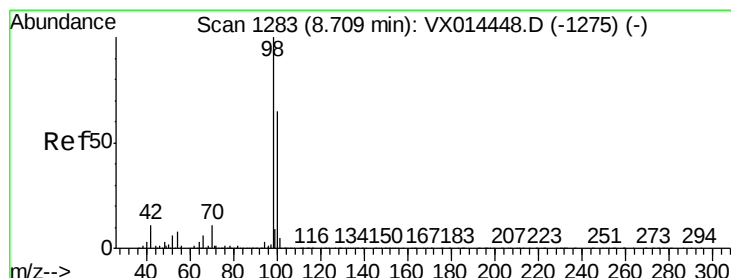
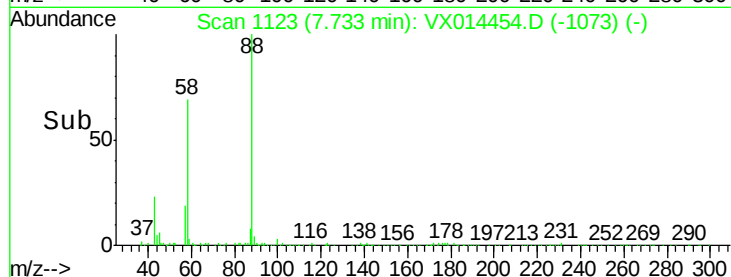
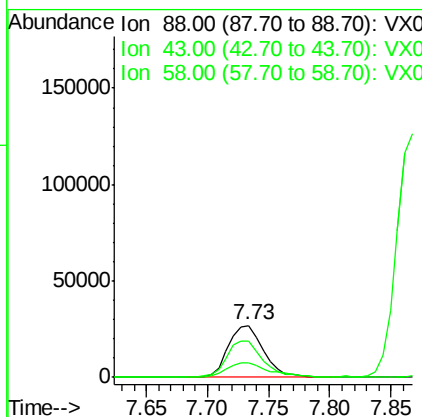
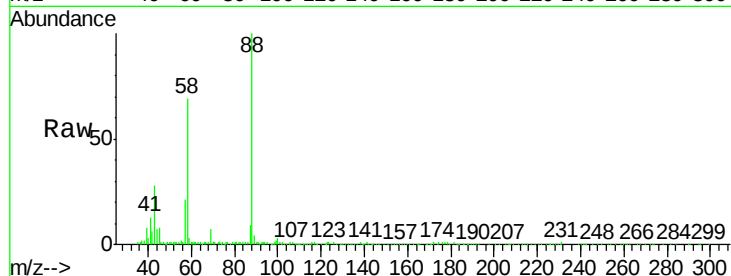
#49
1,4-Dioxane
Concen: 397.556 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.4	41.0
58	70.6	57.1	85.7

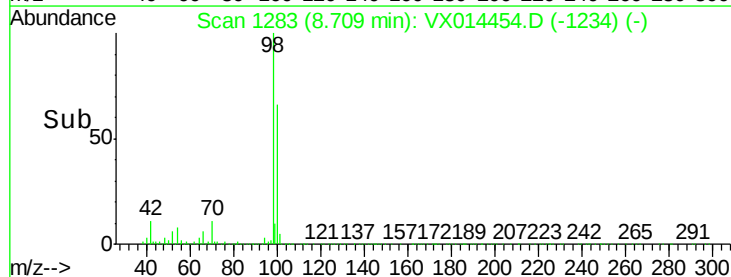
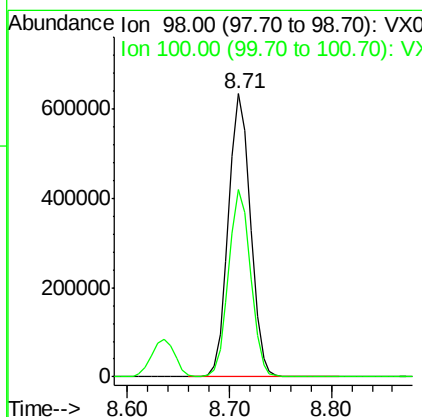
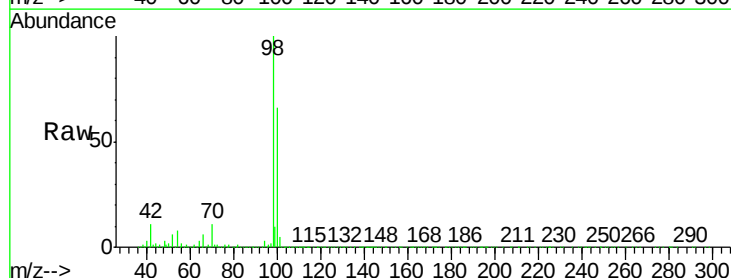
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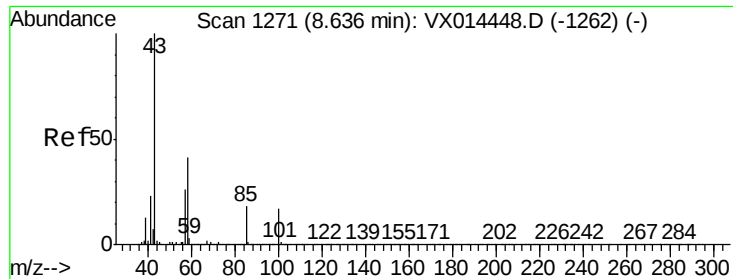
apatel
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#50
Toluene-d8
Concen: 50.722 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 101.248 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tgt Ion: 43 Resp: 811595

Ion Ratio Lower Upper

43 100

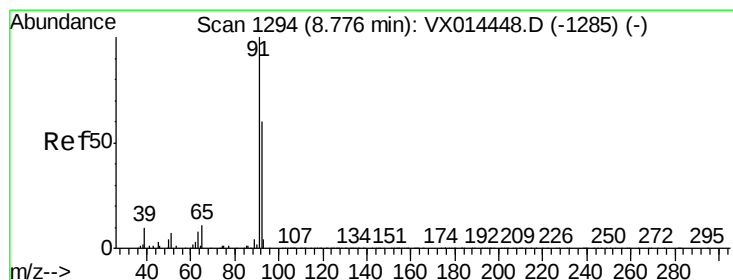
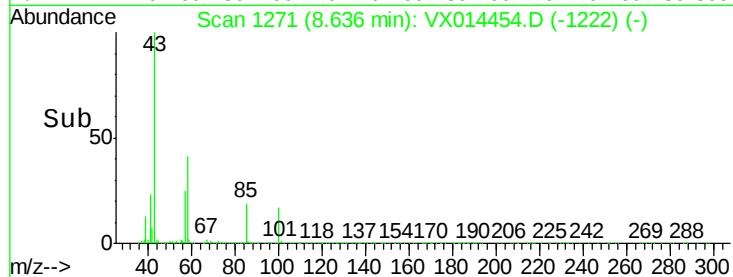
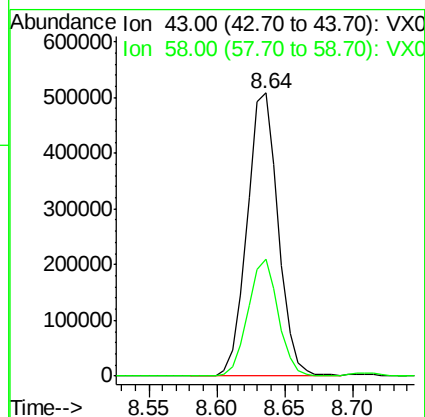
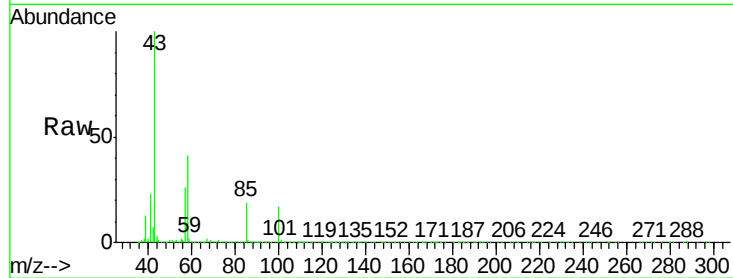
58 40.2 32.4 48.6

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#52

Toluene

Concen: 19.230 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014454.D

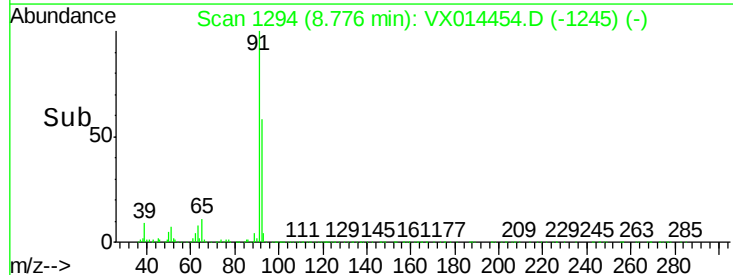
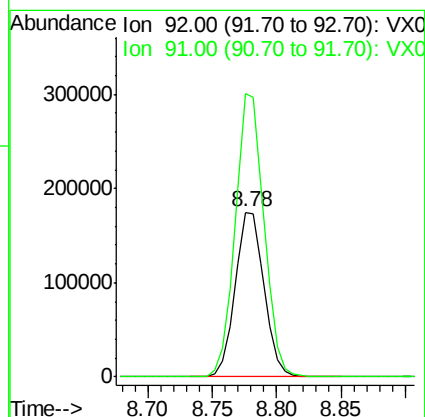
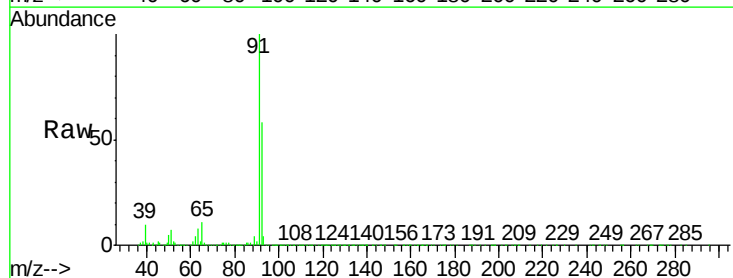
Acq: 07 Jan 2020 17:44

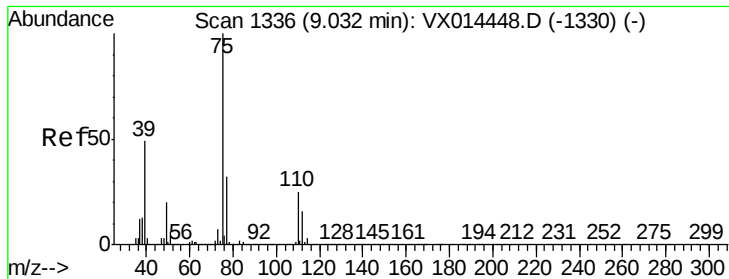
Tgt Ion: 92 Resp: 273898

Ion Ratio Lower Upper

92 100

91 170.3 135.7 203.5





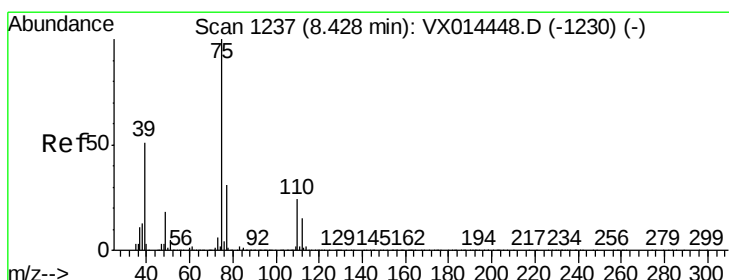
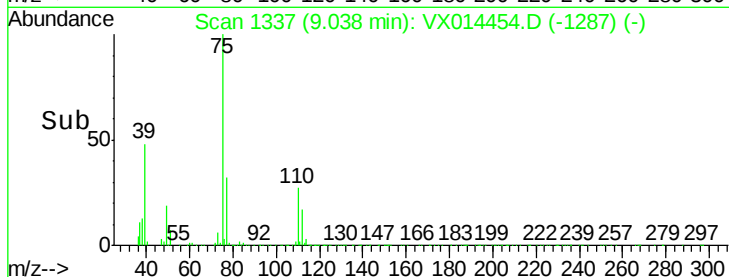
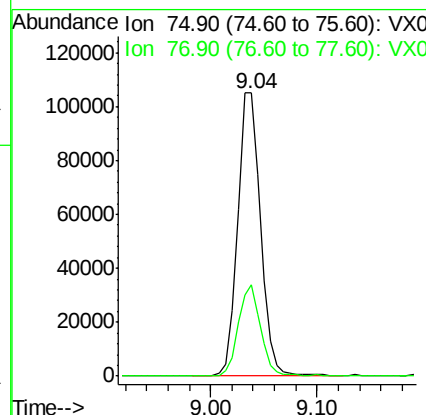
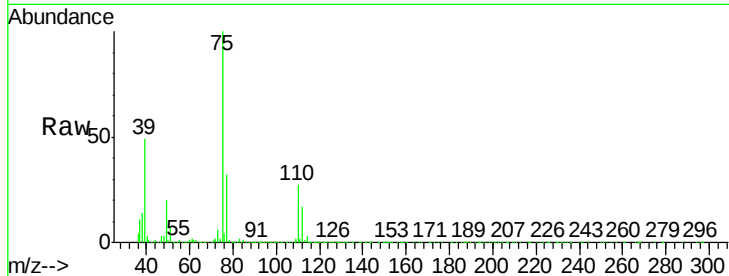
#53
t-1,3-Dichloropropene
Concen: 18.932 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion: 75 Resp: 158787
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

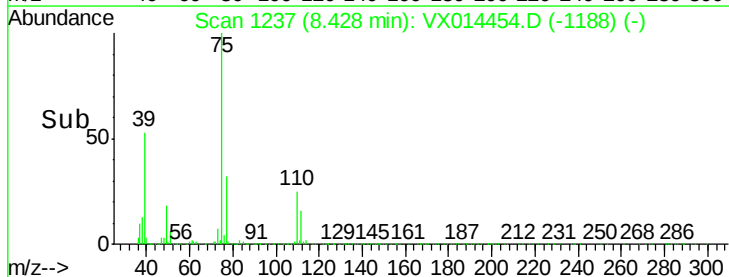
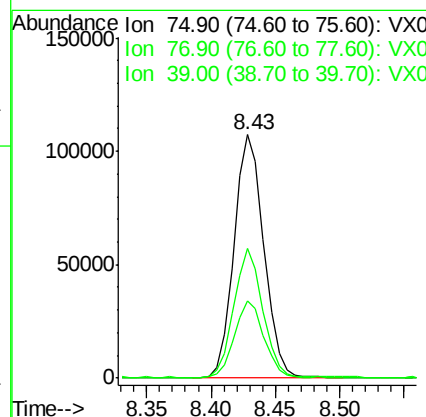
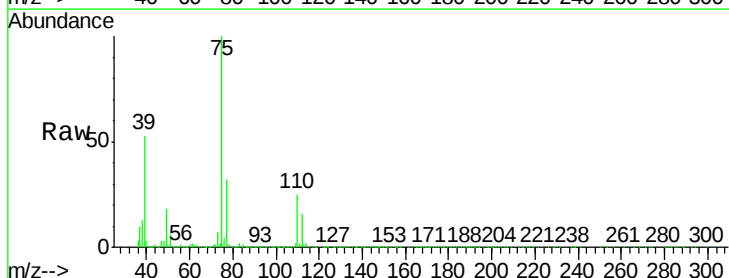
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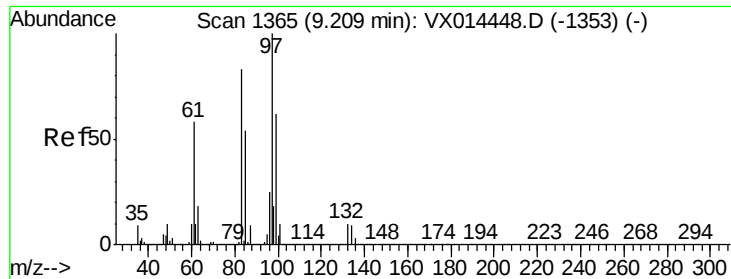
apatel
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#54
cis-1,3-Dichloropropene
Concen: 19.144 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 75 Resp: 173450
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 52.9 40.7 61.1





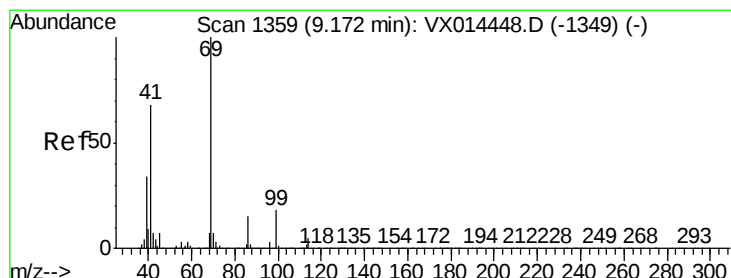
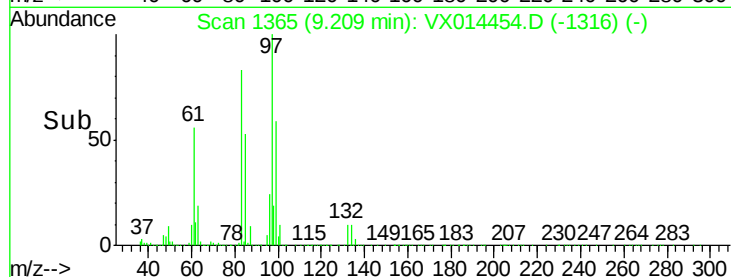
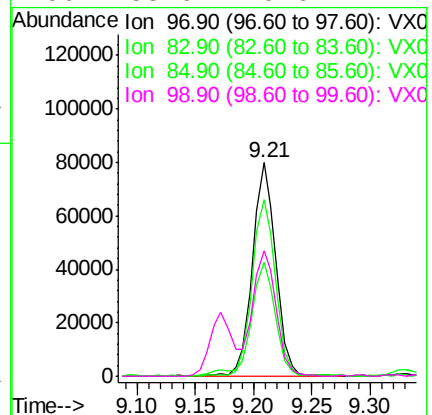
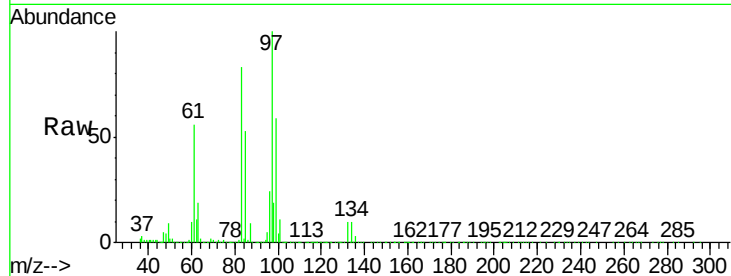
#55
 1,1,2-Trichloroethane
 Concen: 19.424 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	111126		
83	82.4	66.4	99.6	
85	52.9	43.4	65.2	
99	58.6	49.6	74.4	

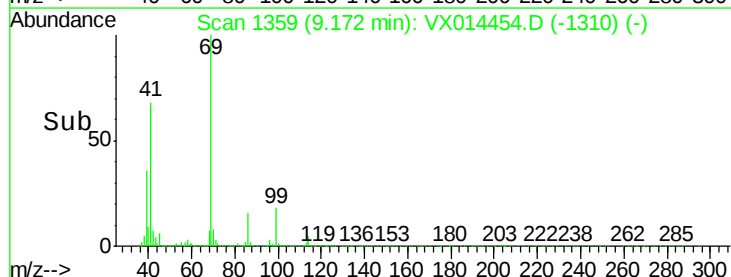
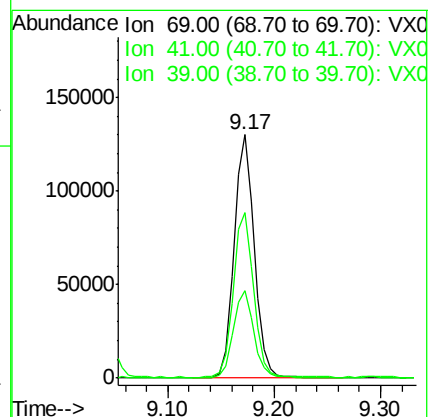
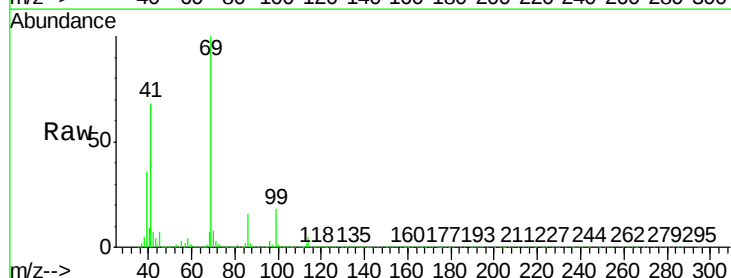
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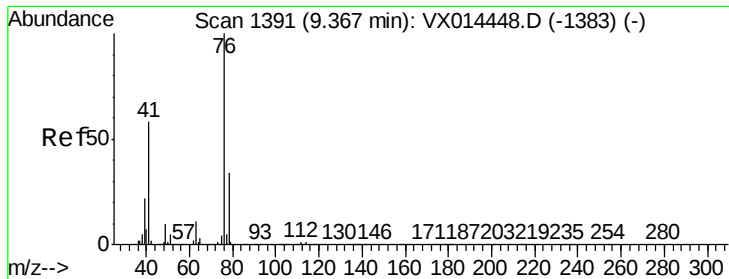
apatel
 1/8/2020 9:16:14 AM



#56
 Ethyl methacrylate
 Concen: 19.920 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	174597		
41	68.1	54.2	81.2	
39	37.6	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 19.451 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tgt Ion: 76 Resp: 186055

Ion Ratio Lower Upper

76 100

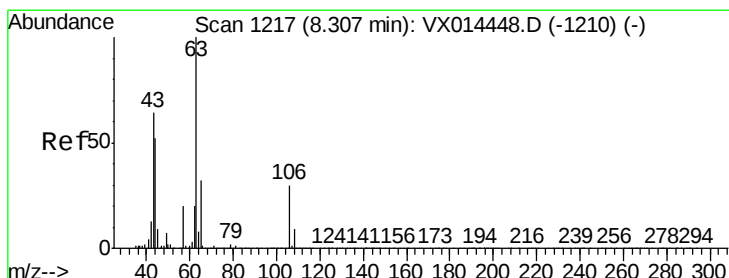
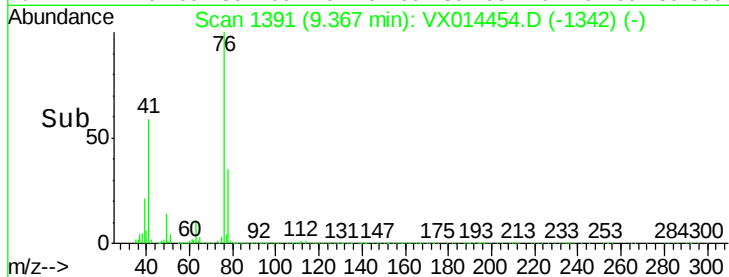
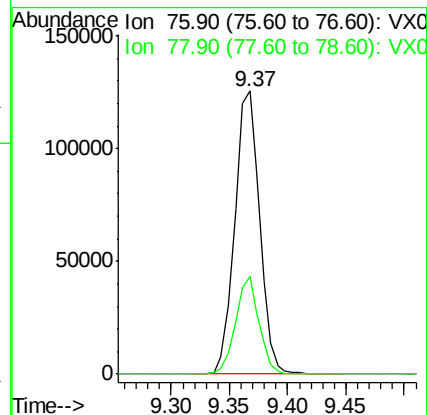
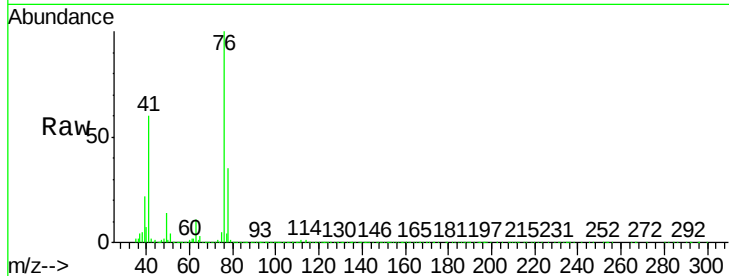
78 32.4 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 101.710 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014454.D

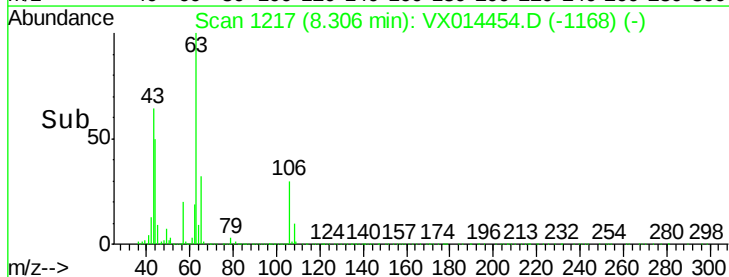
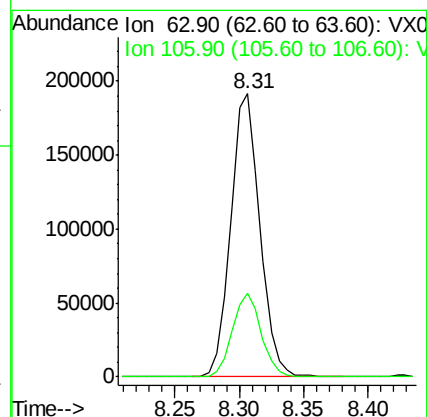
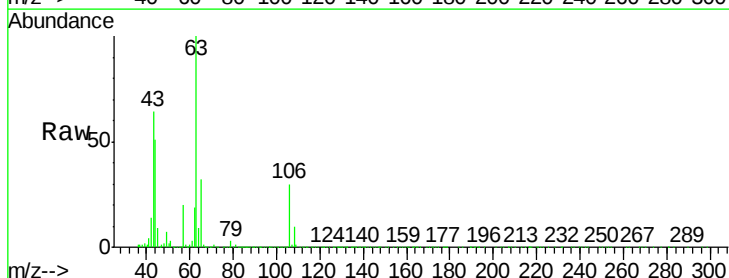
Acq: 07 Jan 2020 17:44

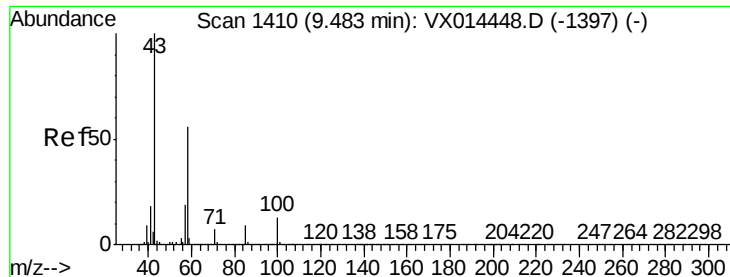
Tgt Ion: 63 Resp: 303306

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4





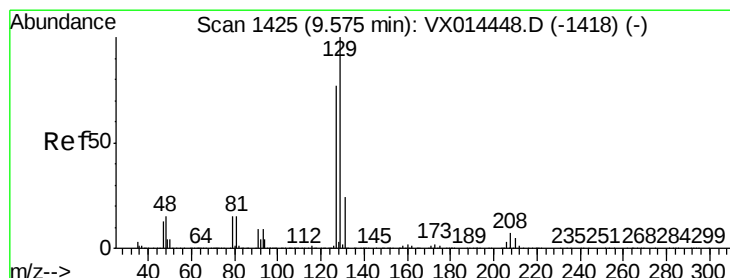
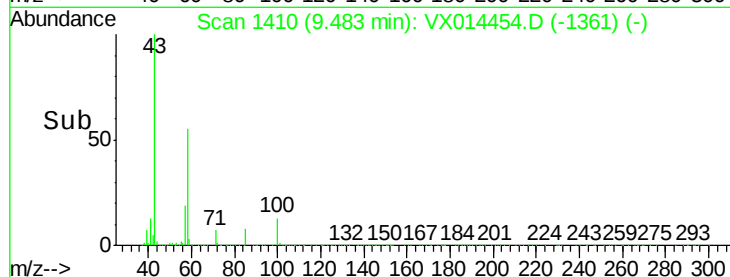
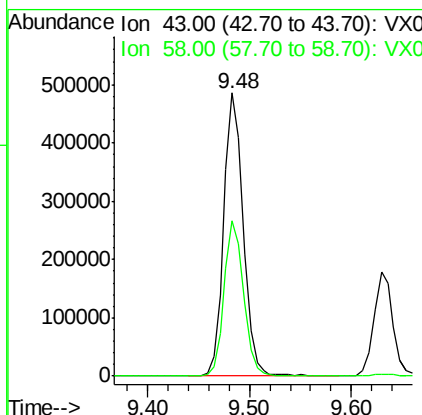
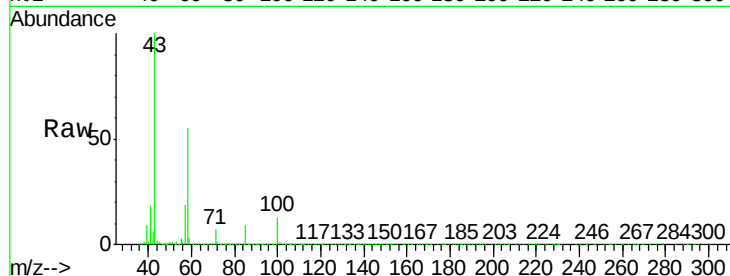
#59
2-Hexanone
Concen: 101.592 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion: 43 Resp: 644347
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.7

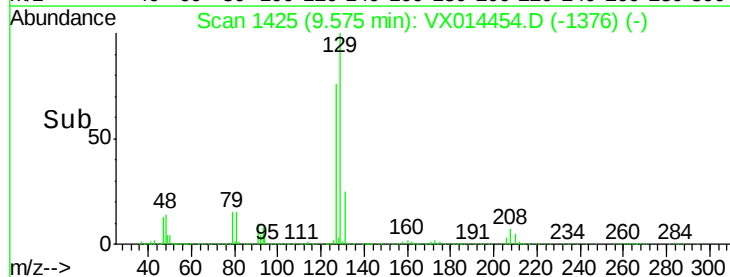
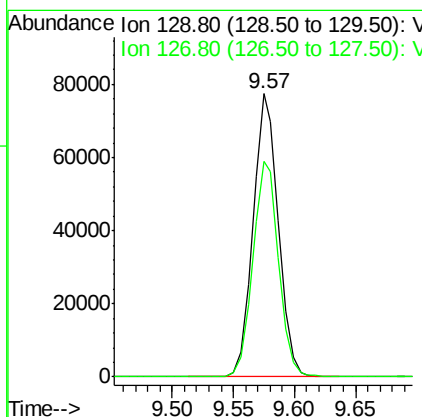
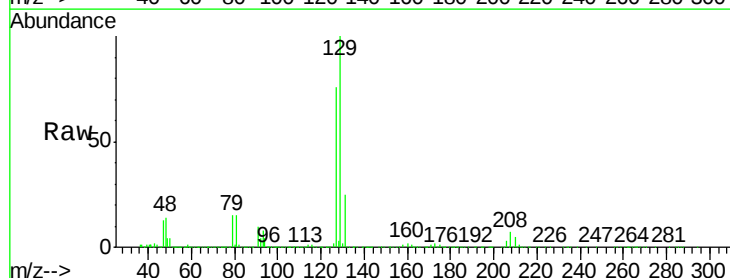
Manual Integrations
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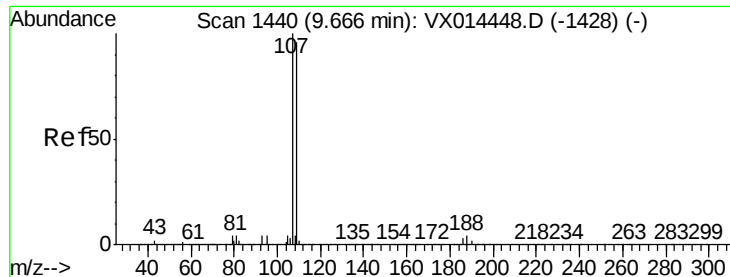
apatel
1/8/2020 9:16:14 AM



#60
Dibromochloromethane
Concen: 19.436 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 129 Resp: 111763
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





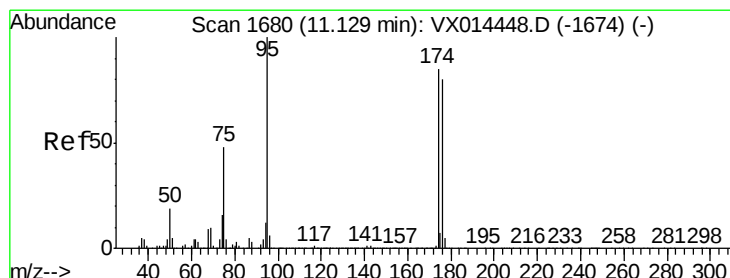
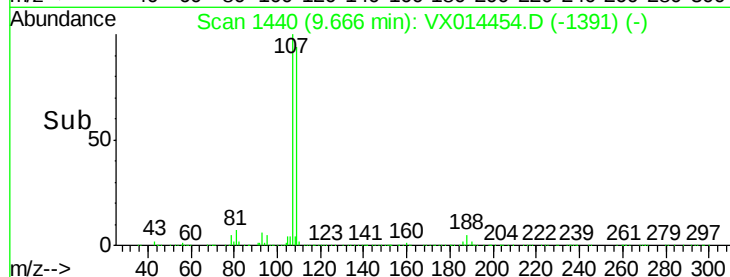
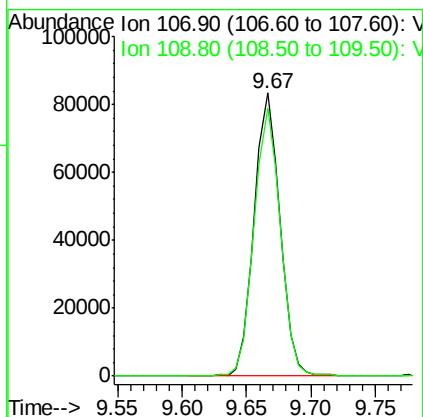
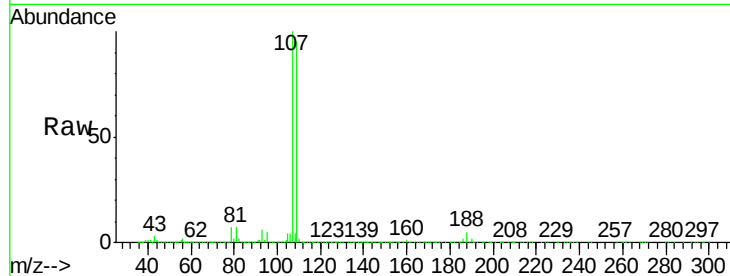
#61
 1,2-Dibromoethane
 Concen: 18.954 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	114864		
109	96.6	76.5	114.7	

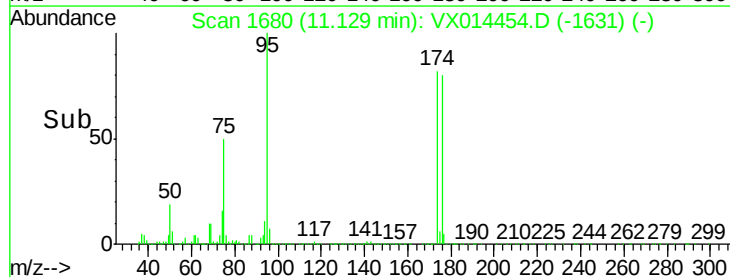
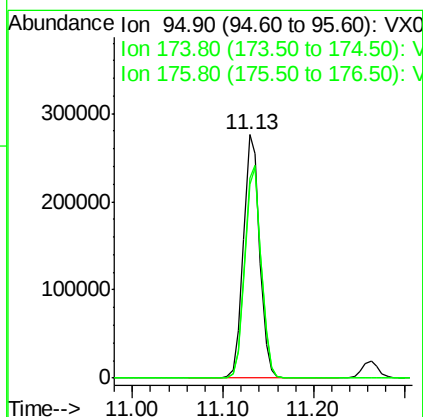
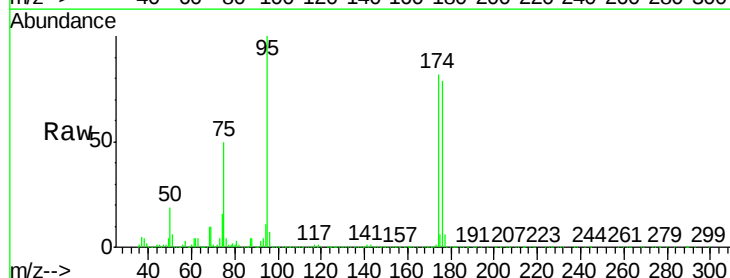
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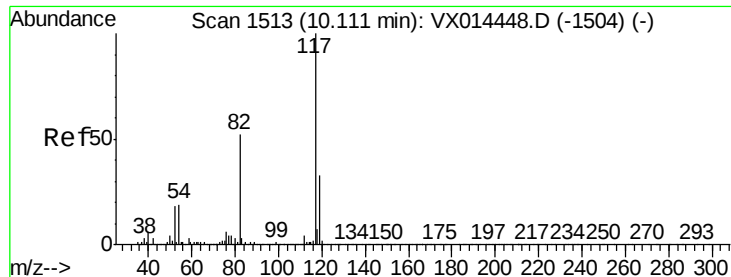
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.808 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	342418		
174	89.2	0.0	180.8	
176	87.3	0.0	172.8	





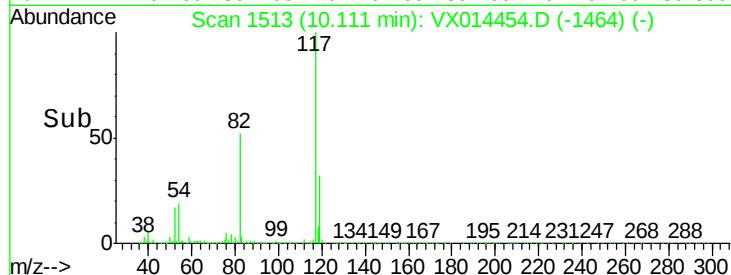
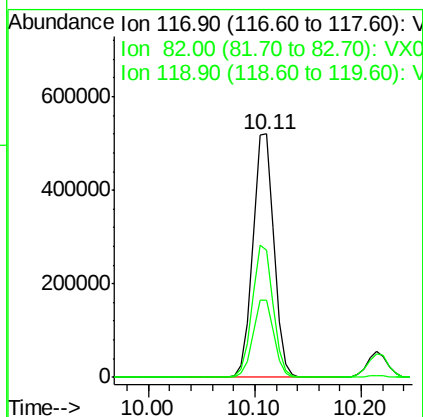
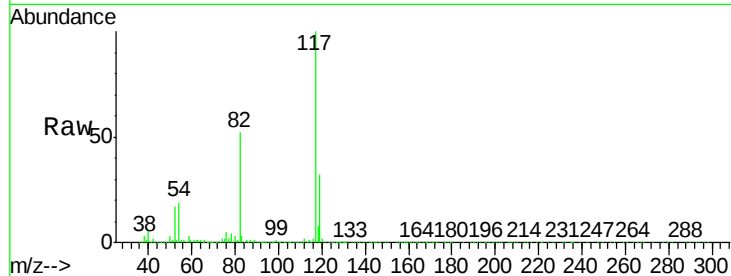
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	723029		
82	52.3	41.8	62.6	
119	31.9	26.2	39.4	

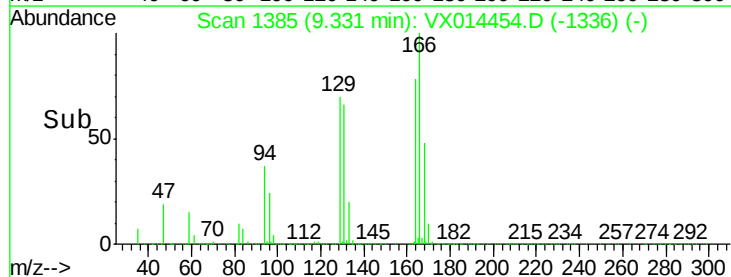
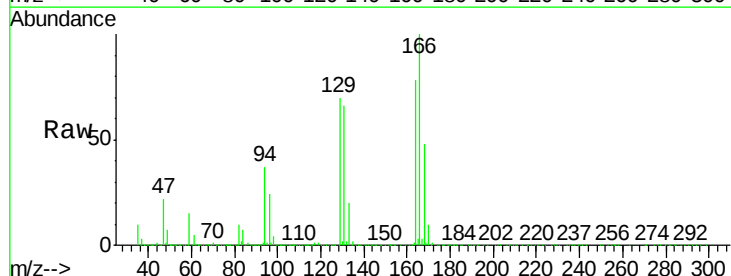
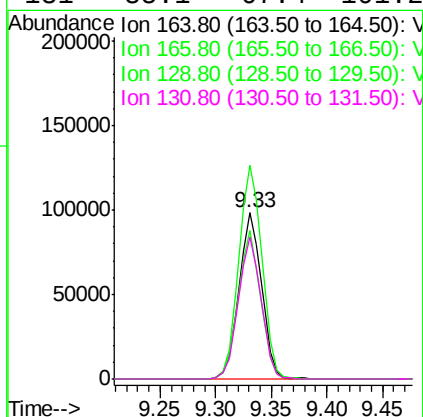
Manual Integrations
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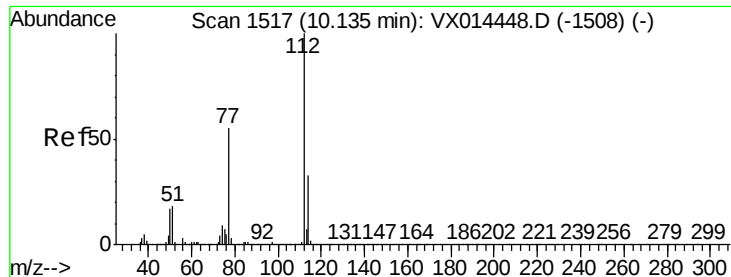
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#64
Tetrachloroethene
Concen: 19.200 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139133		
166	128.4	101.2	151.8	
129	89.6	68.3	102.5	
131	85.1	67.4	101.2	





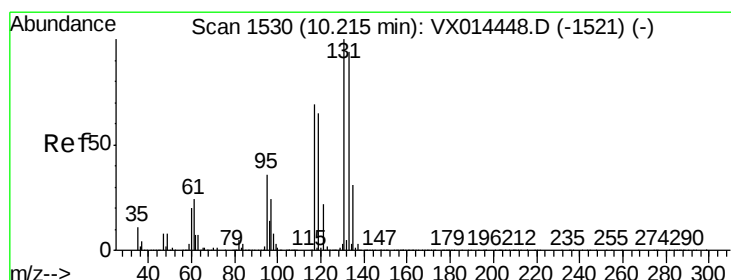
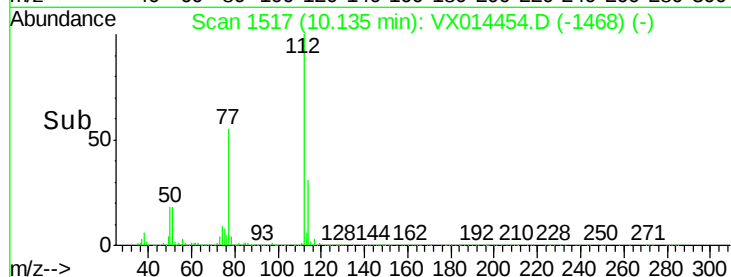
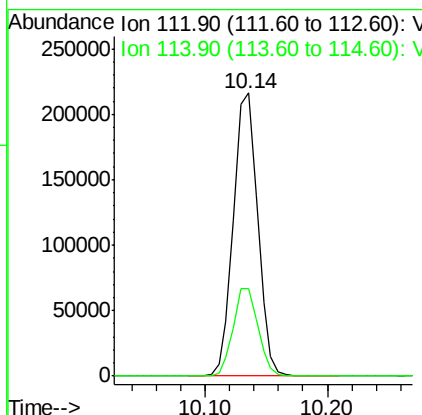
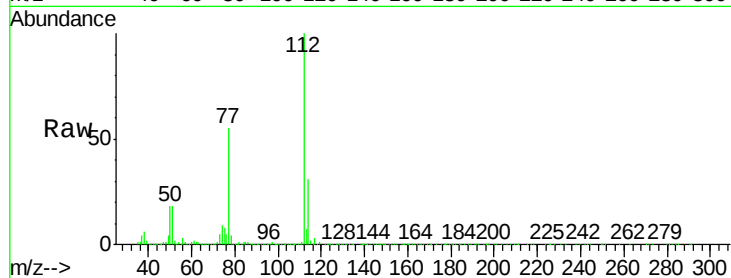
#65
Chlorobenzene
Concen: 18.870 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.9	26.2	39.4

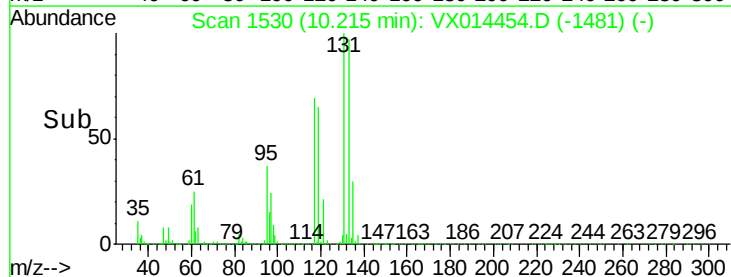
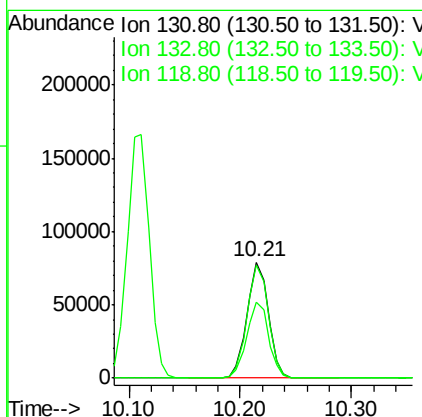
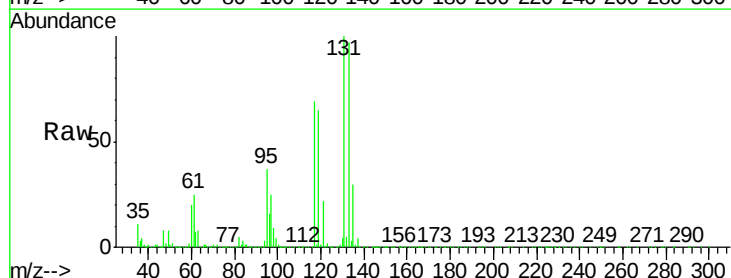
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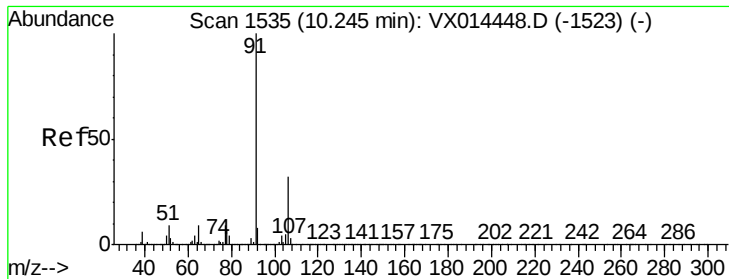
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.969 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.3	142.0
119	66.4	32.8	98.4





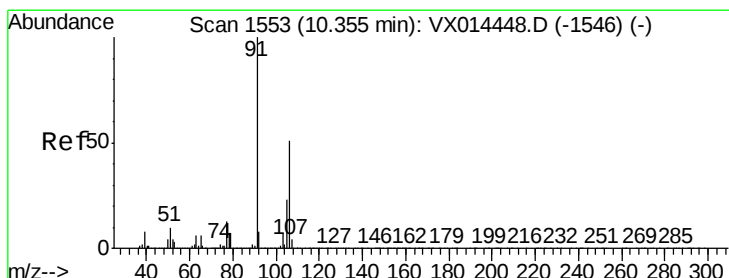
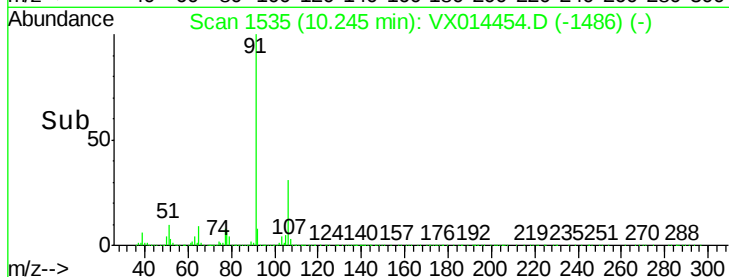
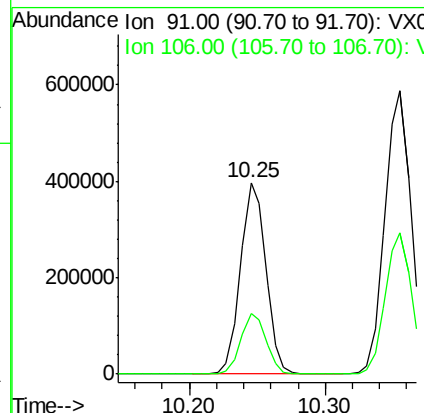
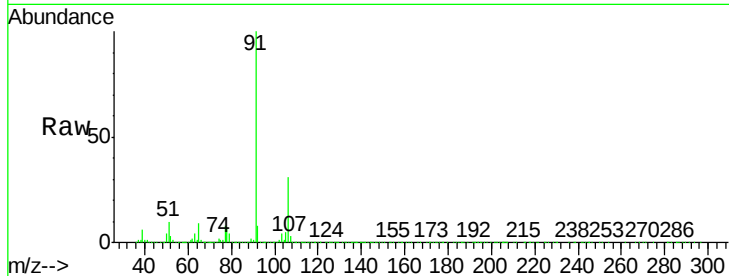
#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion: 91 Resp: 518242
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

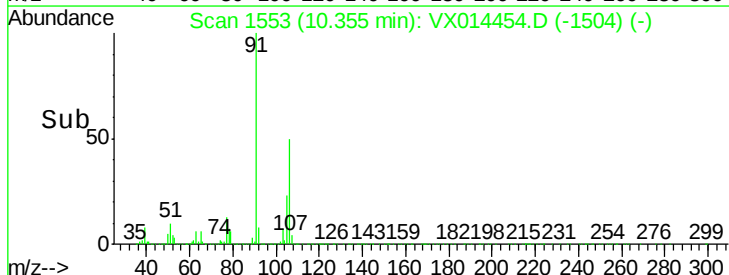
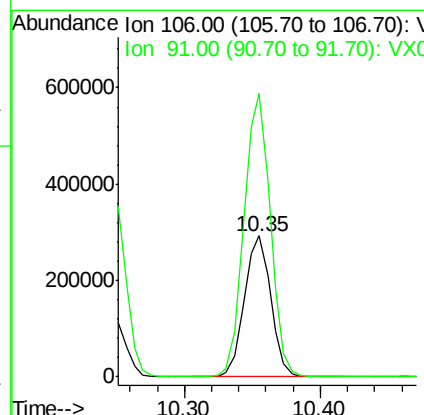
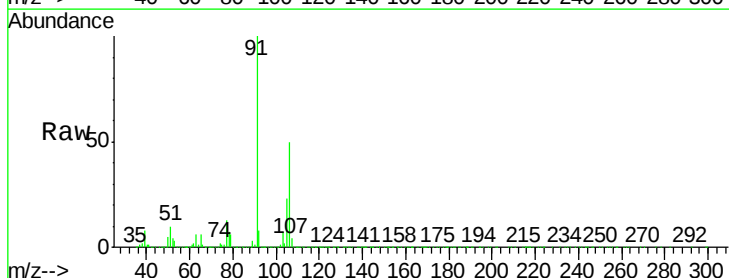
Manual Integrations
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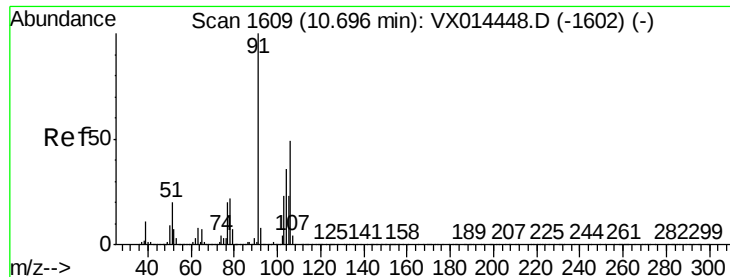
apatel
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#68
m/p-Xylenes
Concen: 38.207 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion: 106 Resp: 394208
Ion Ratio Lower Upper
106 100
91 200.9 157.4 236.0





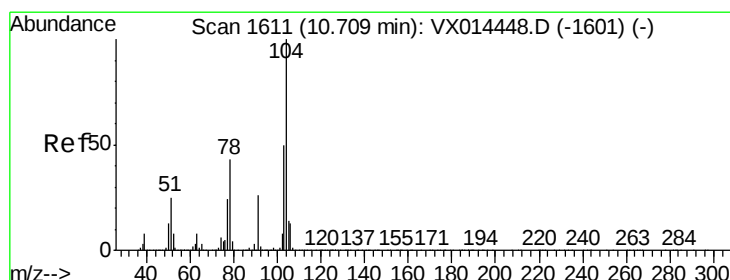
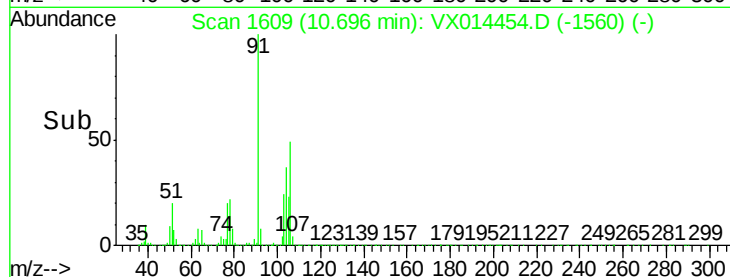
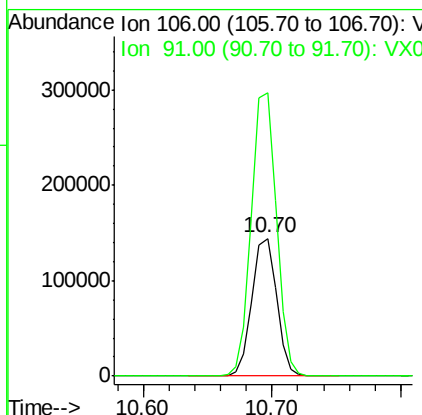
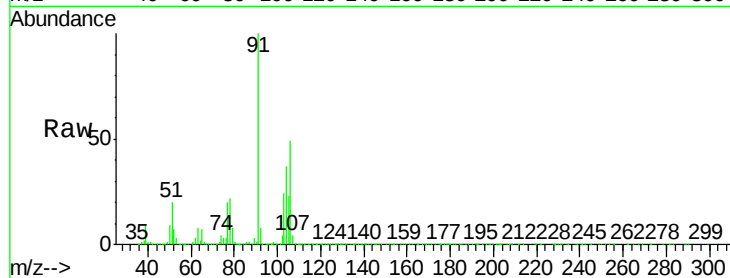
#69
o-Xylene
Concen: 19.466 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion:106 Resp: 191632
Ion Ratio Lower Upper
106 100
91 207.9 105.1 315.1

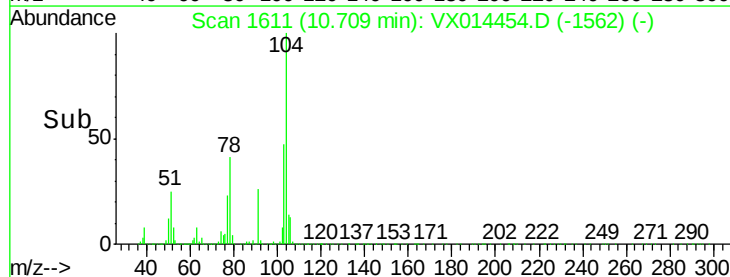
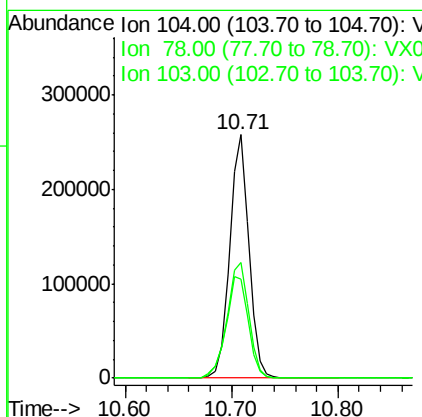
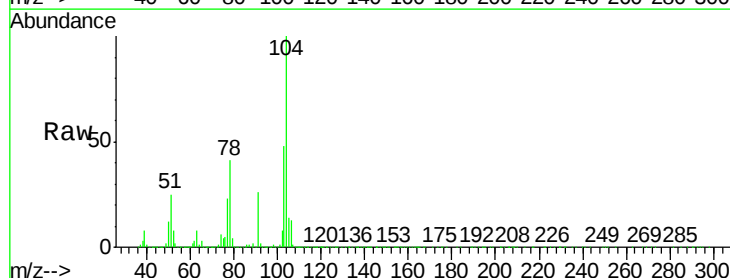
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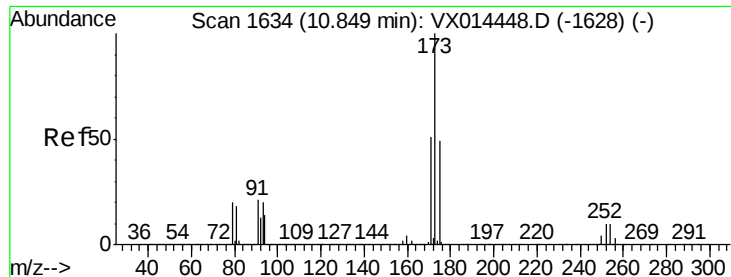
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#70
Styrene
Concen: 19.204 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion:104 Resp: 326250
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.0 43.7 65.5





#71

Bromoform

Concen: 18.768 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

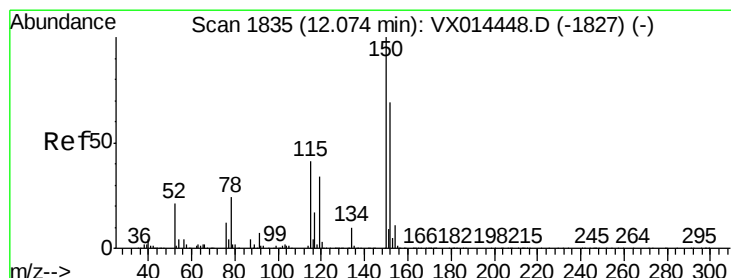
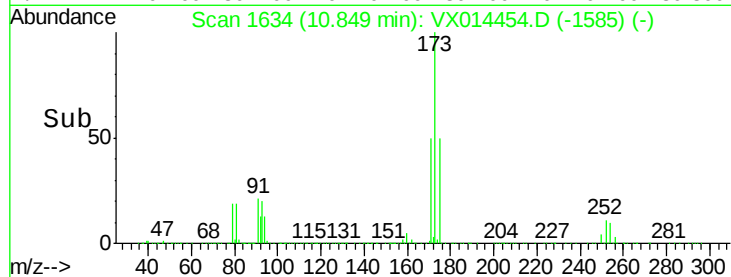
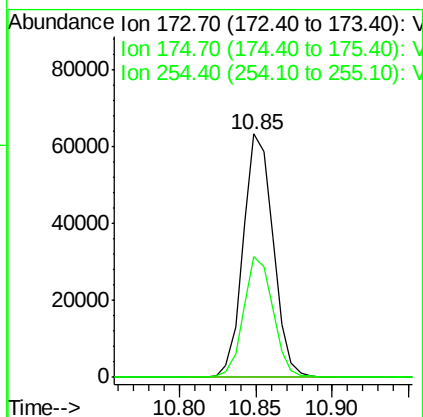
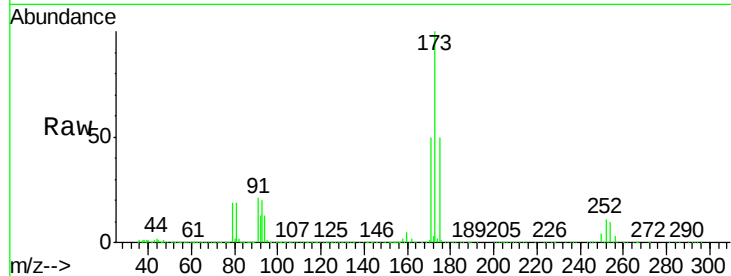
ClientSampleId :

VX0107WBSD01

Tgt Ion:	173	Resp:	85984
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

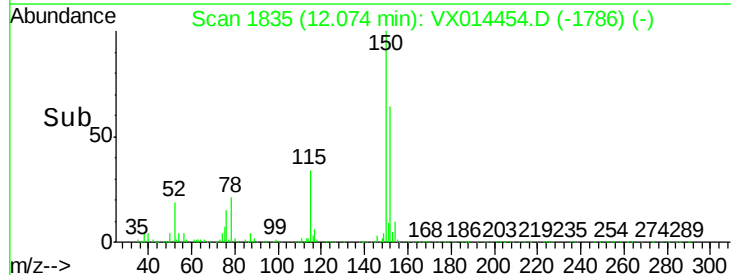
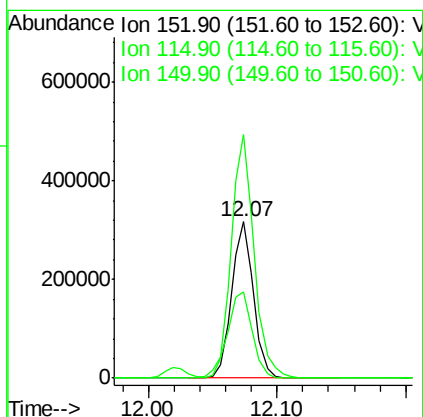
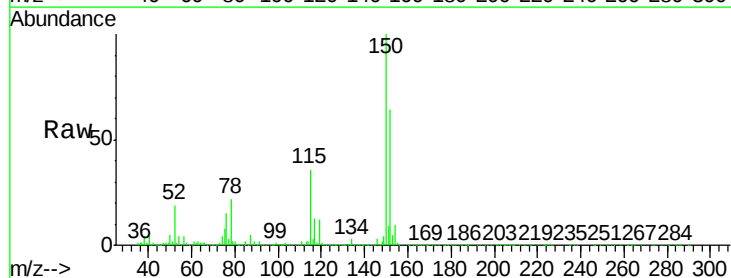
RT: 12.07 min Scan# 1835

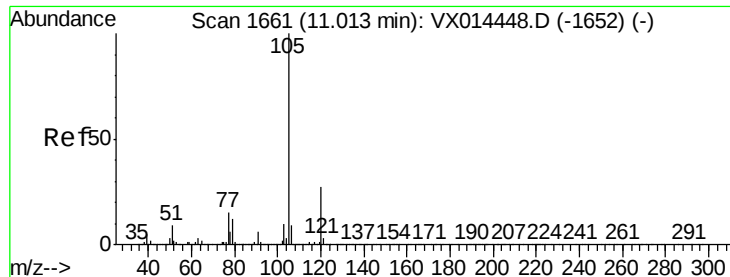
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	152	Resp:	373006
Ion Ratio	Lower	Upper	
152	100		
115	63.5	39.5	118.3
150	163.0	0.0	350.2





#73

Isopropylbenzene

Concen: 19.429 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0107WBSD01

Tgt Ion: 105 Resp: 508900

Ion Ratio Lower Upper

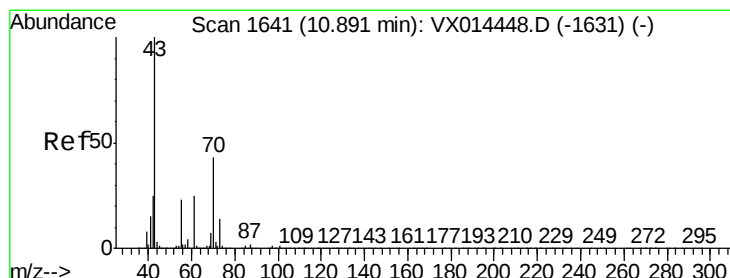
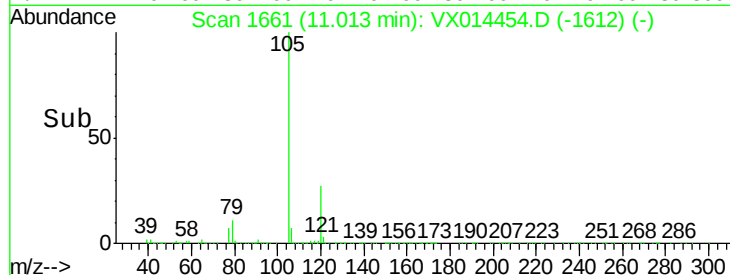
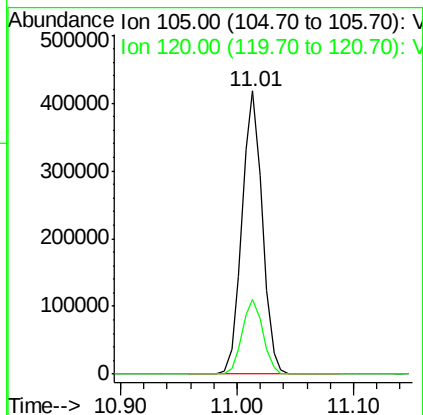
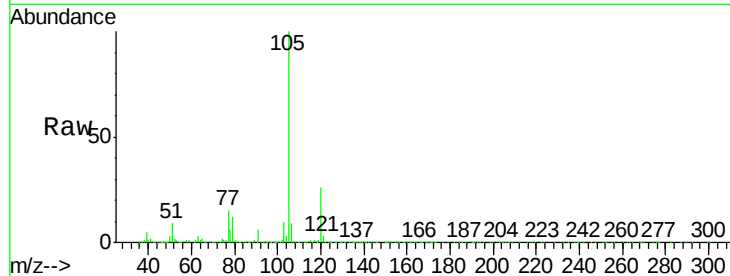
105 100

120 27.0 13.4 40.2

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#74

N-ethyl acetate

Concen: 19.435 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion: 43 Resp: 224594

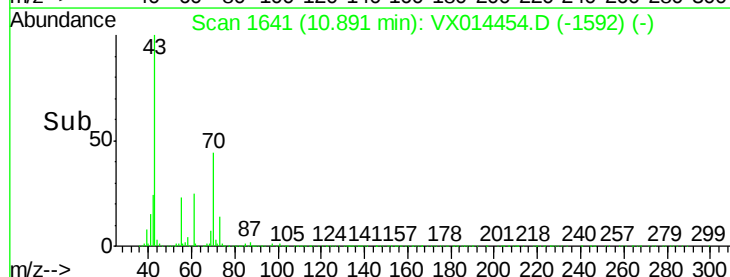
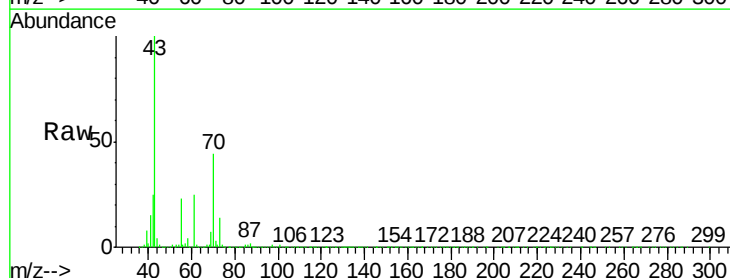
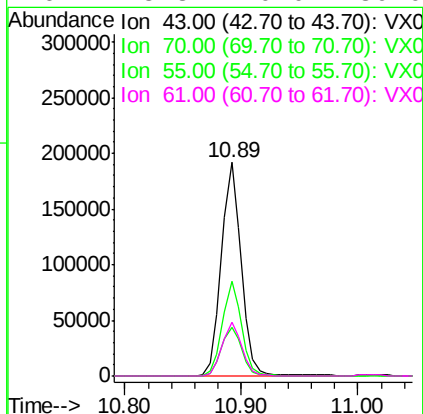
Ion Ratio Lower Upper

43 100

70 42.9 35.1 52.7

55 23.5 19.3 28.9

61 25.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.014 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

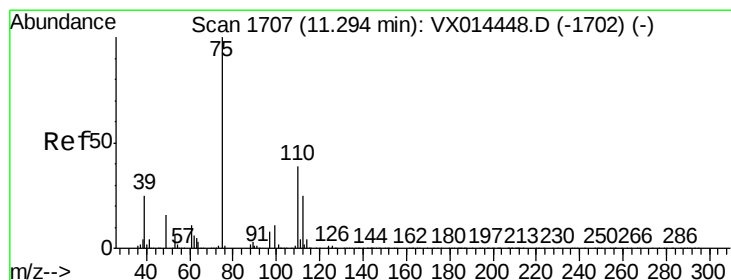
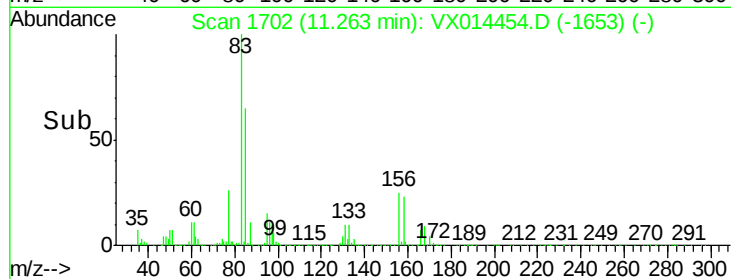
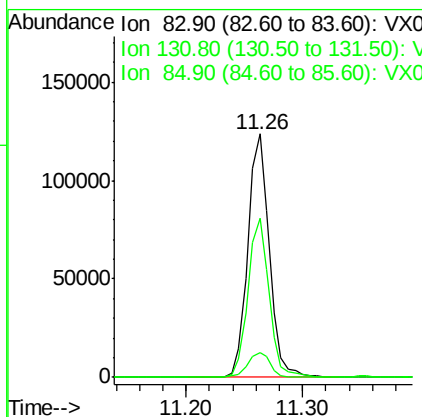
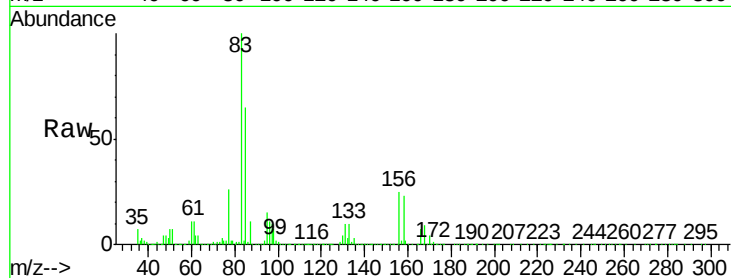
ClientSampleId :

VX0107WBSD01

Tgt Ion:	83	Resp:	159719
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.4
85	64.4	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 17.724 ug/l m

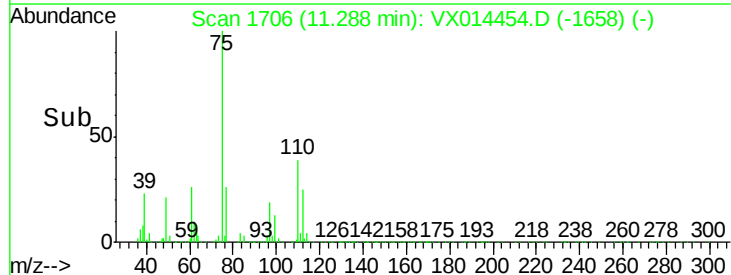
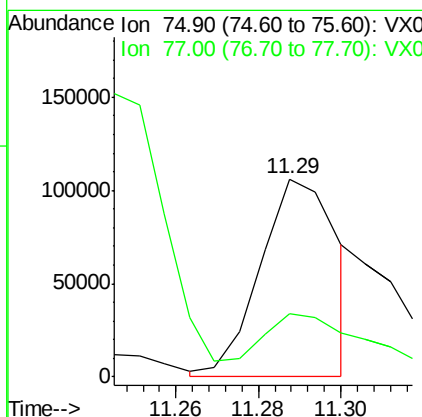
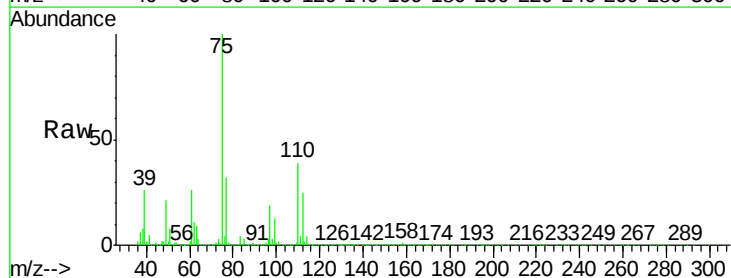
RT: 11.29 min Scan# 1706

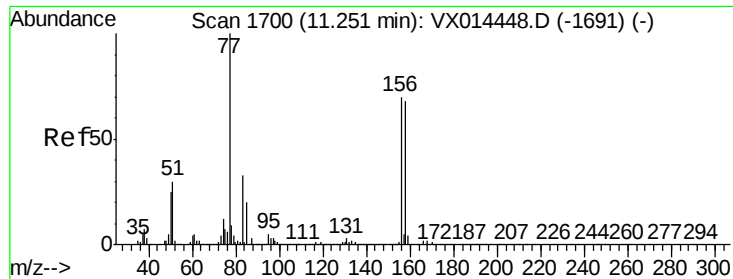
Delta R.T. -0.01 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	75	Resp:	136787
Ion Ratio	Lower	Upper	
75	100		
77	45.4	21.9	65.7





#77

Bromobenzene

Concen: 18.524 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

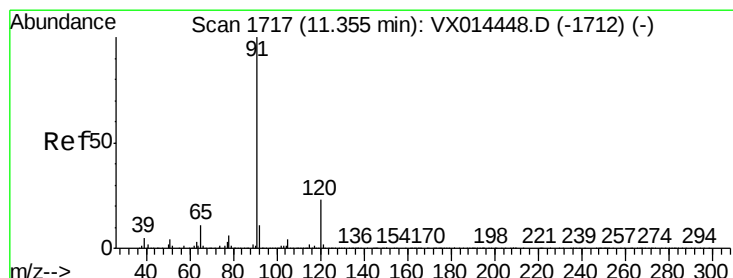
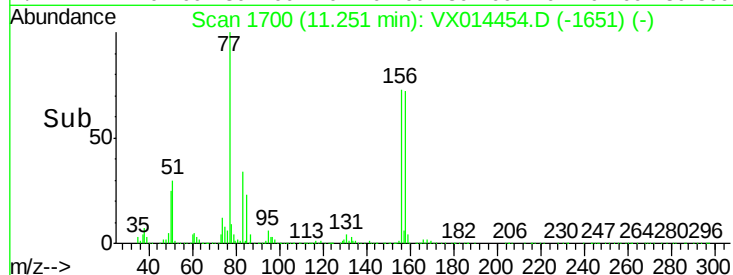
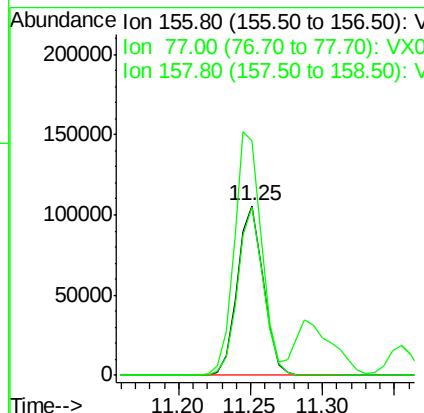
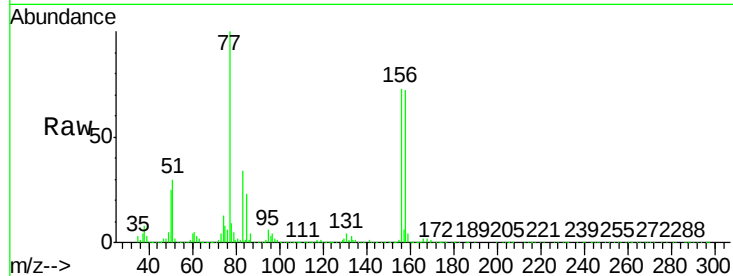
ClientSampleId :

VX0107WBSD01

Tgt Ion:	156	Resp:	134555
Ion Ratio	Lower	Upper	
156	100		
77	148.4	75.4	226.3
158	97.0	48.8	146.3

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#78

n-propylbenzene

Concen: 19.393 ug/l

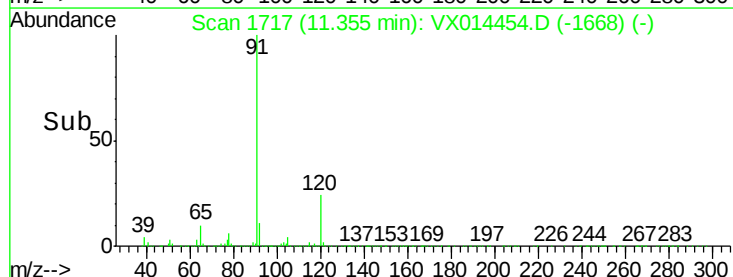
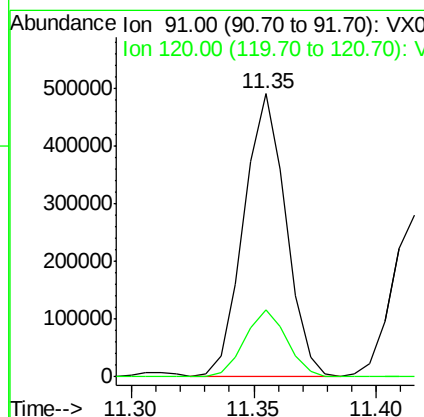
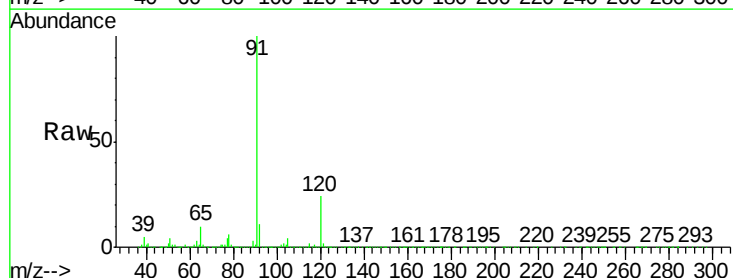
RT: 11.35 min Scan# 1717

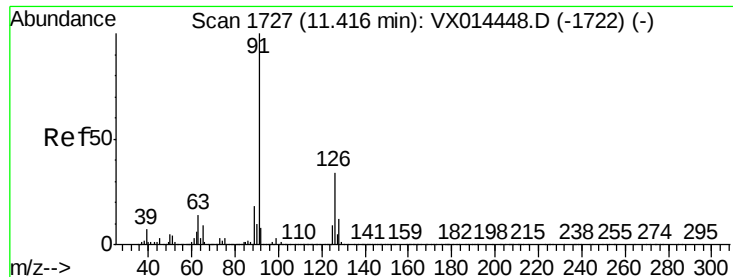
Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	91	Resp:	581728
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.5





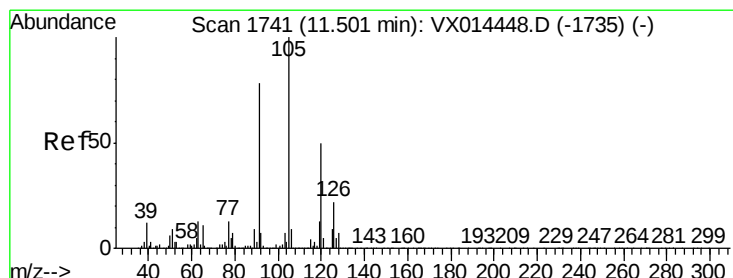
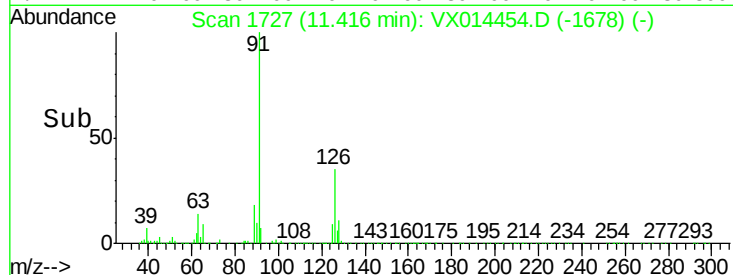
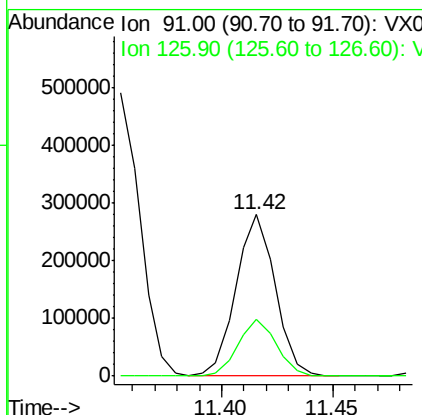
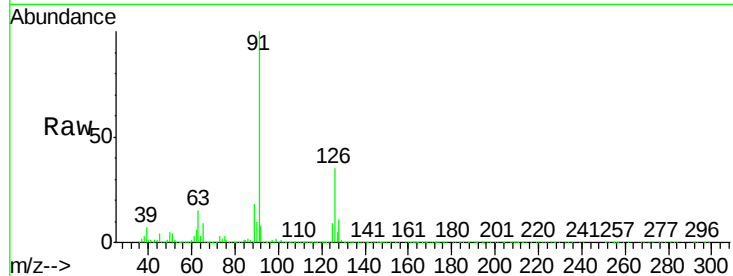
#79
 2-Chlorotoluene
 Concen: 19.084 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion: 91 Resp: 341183
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5

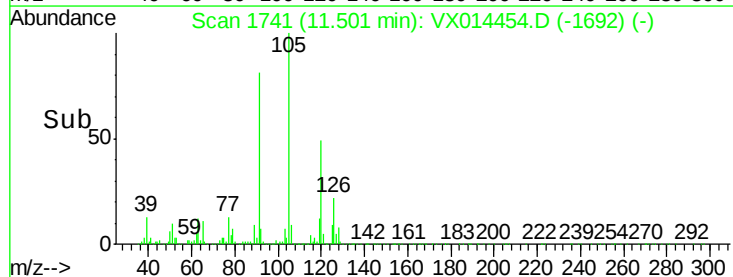
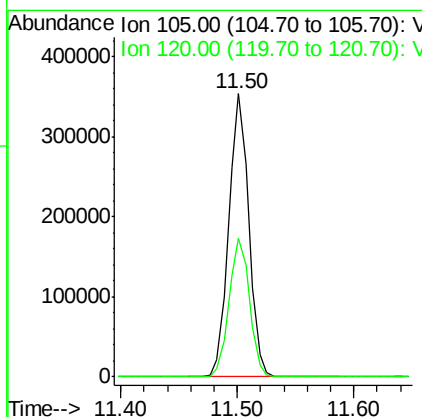
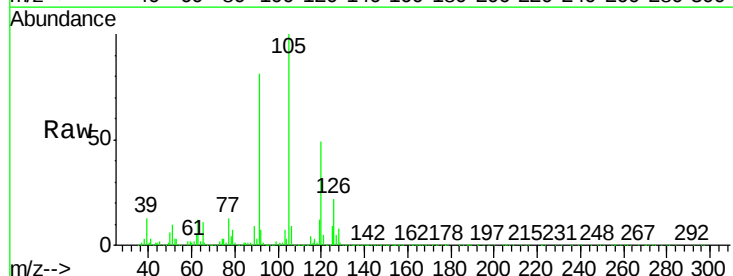
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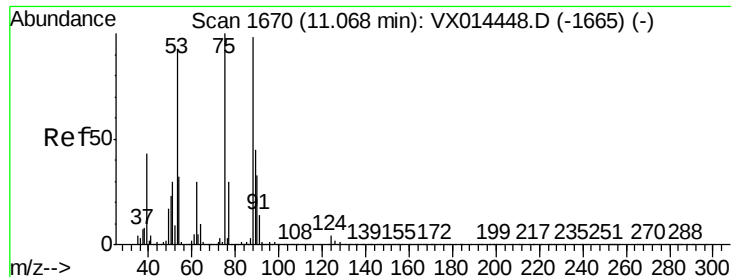
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.377 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion: 105 Resp: 421378
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6





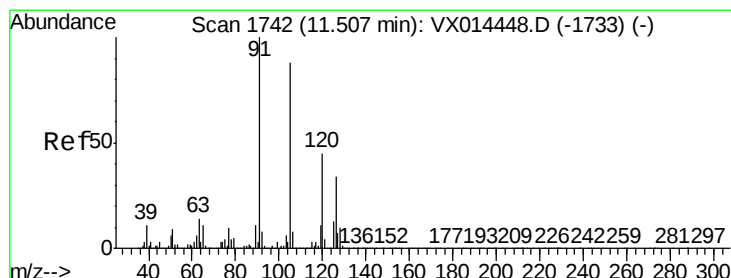
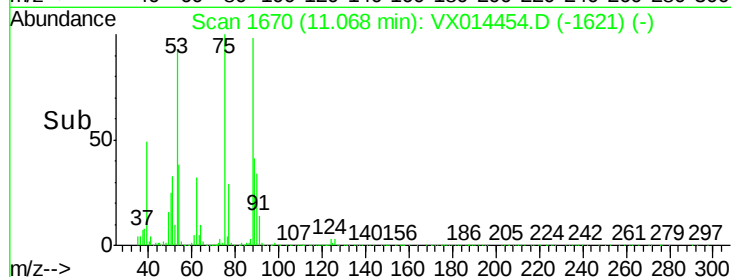
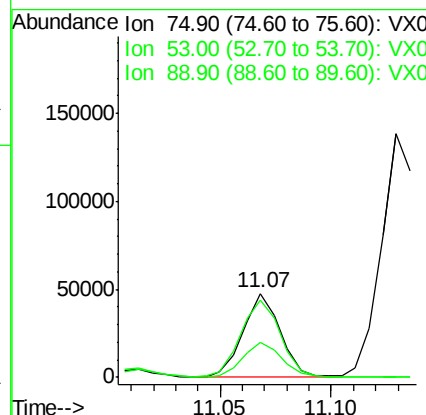
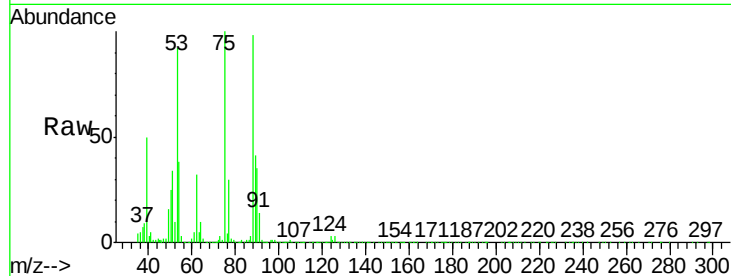
#81
trans-1,4-Dichloro-2-butene
Concen: 18.965 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.2	74.8	112.2
89	43.6	36.3	54.5

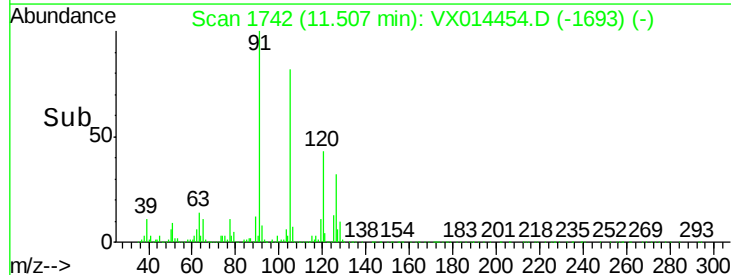
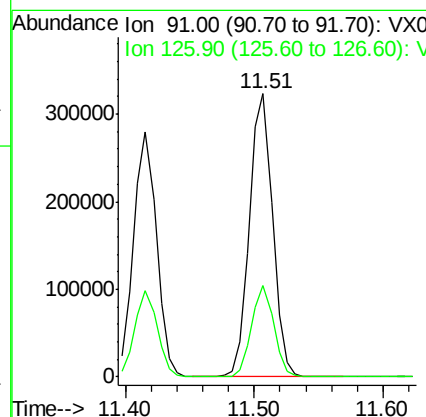
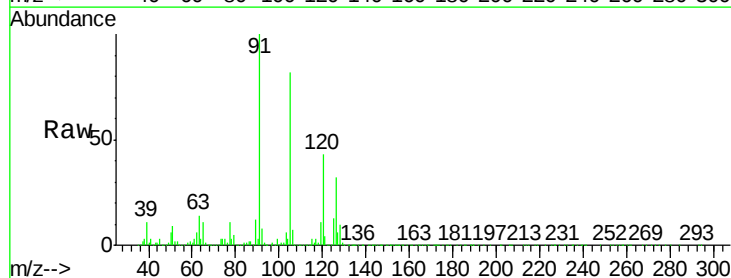
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#82
4-Chlorotoluene
Concen: 18.921 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





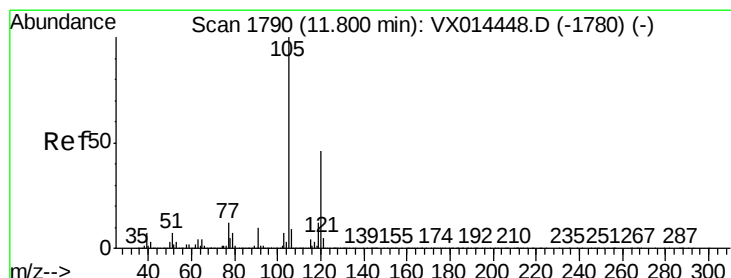
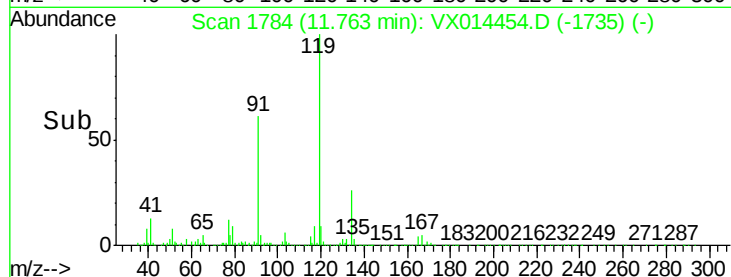
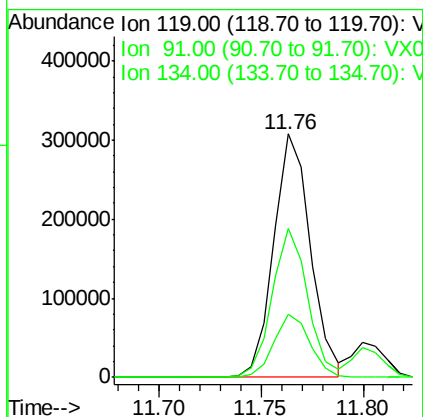
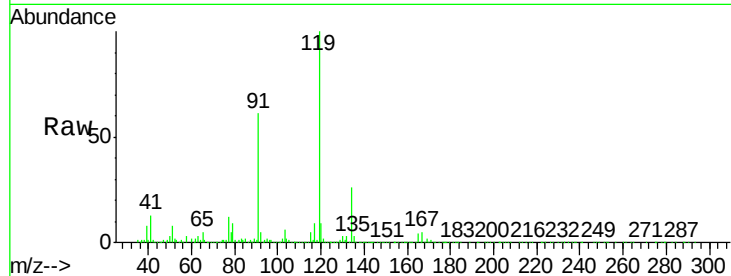
#83
tert-Butylbenzene
Concen: 18.811 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	386522		
91	58.9	29.3	88.0	
134	25.6	12.4	37.4	

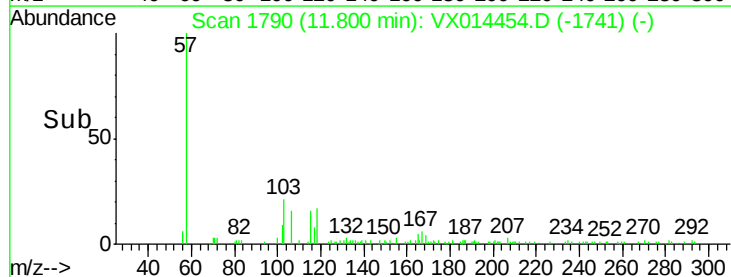
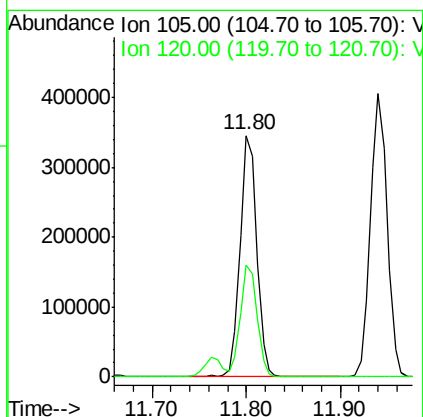
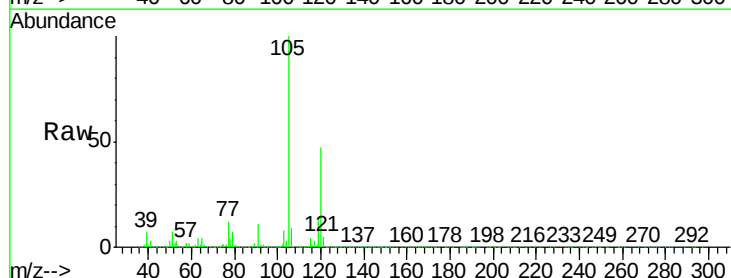
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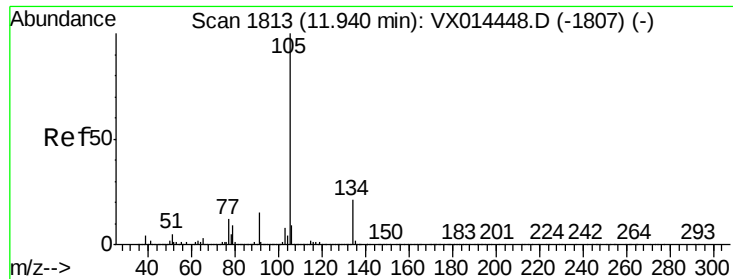
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#84
1,2,4-Trimethylbenzene
Concen: 19.407 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426446		
120	46.4	23.1	69.3	





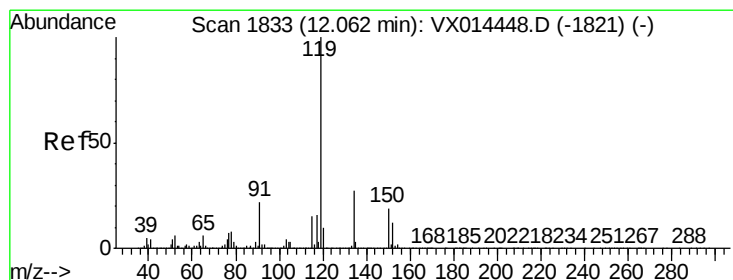
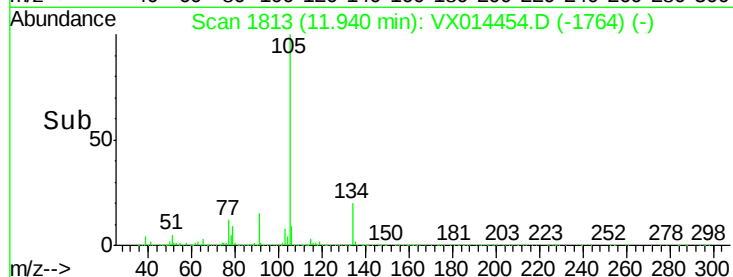
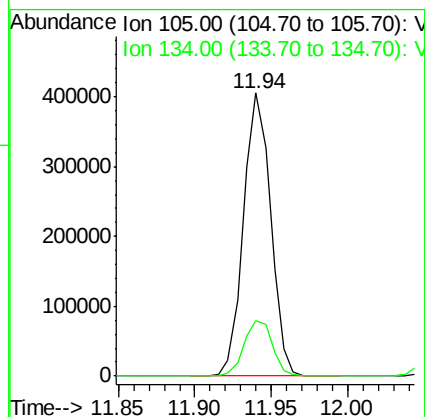
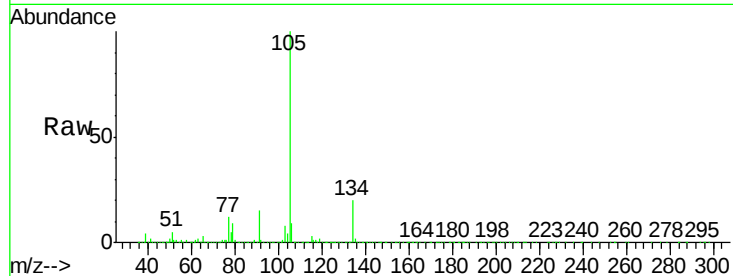
#85
 sec-Butylbenzene
 Concen: 19.572 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.5	31.5

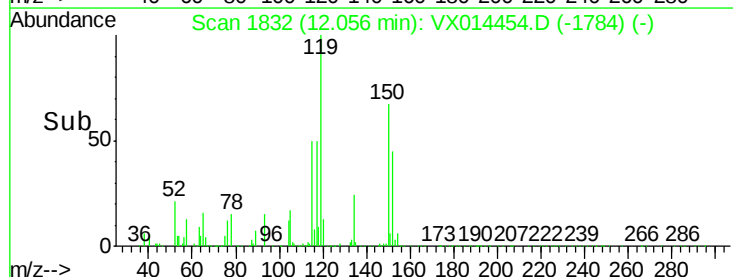
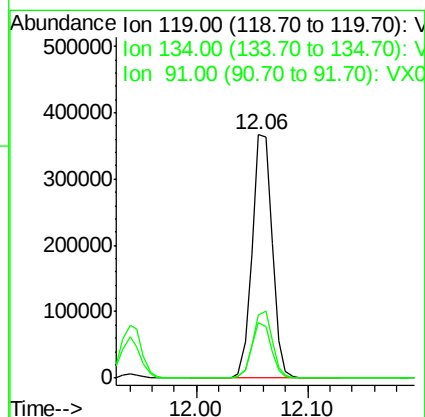
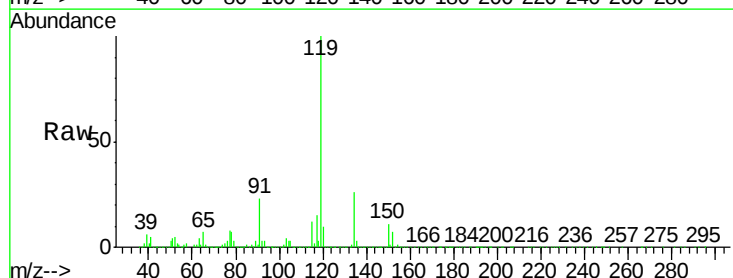
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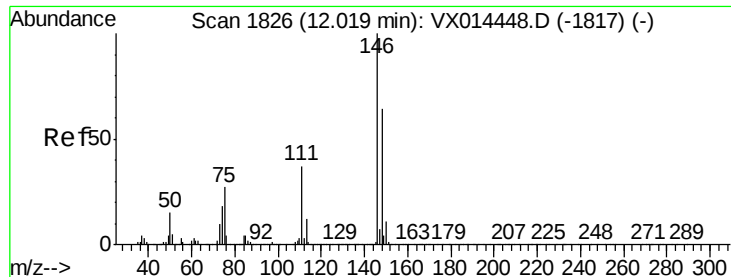
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#86
 p-Isopropyltoluene
 Concen: 19.351 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014454.D
 Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.5	40.4
91	22.3	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 18.783 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

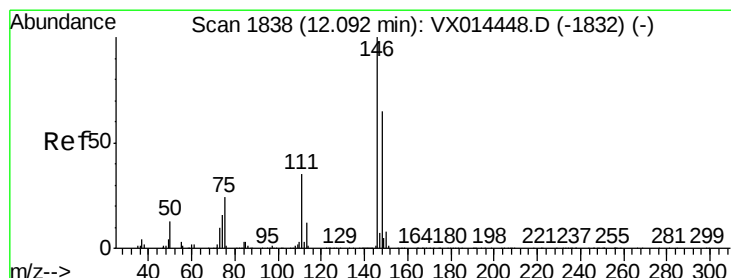
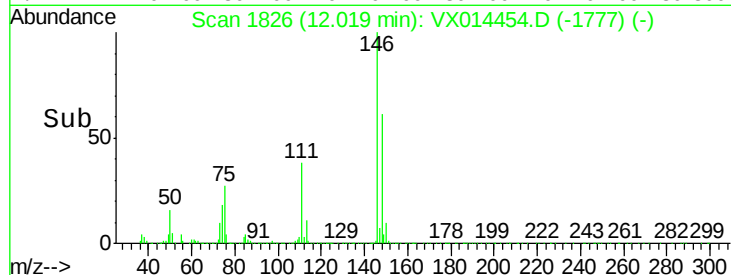
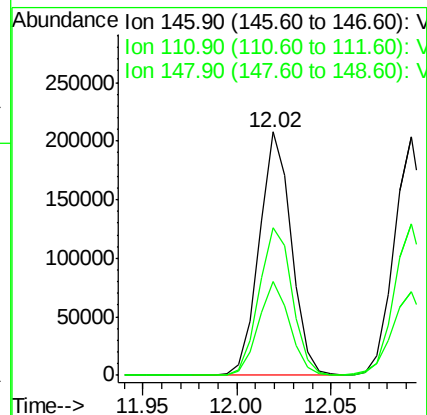
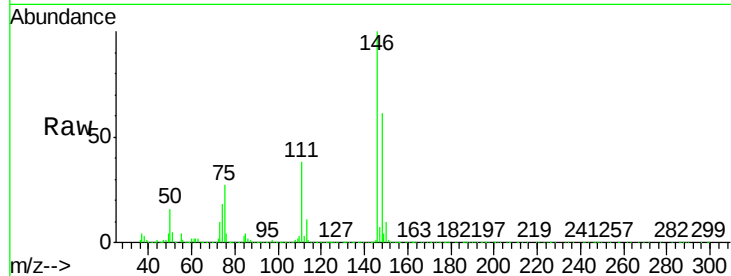
ClientSampled :

VX0107WBSD01

Tgt Ion:	146	Resp:	244863
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.9	56.7
148	63.0	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 19.774 ug/l

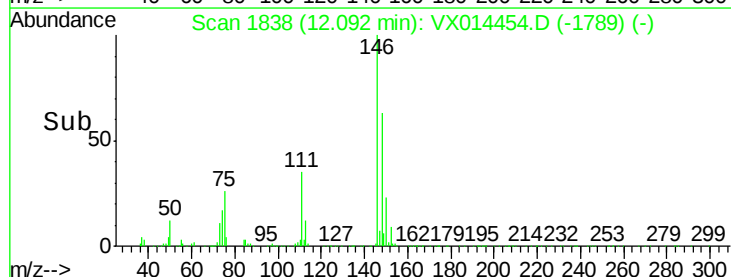
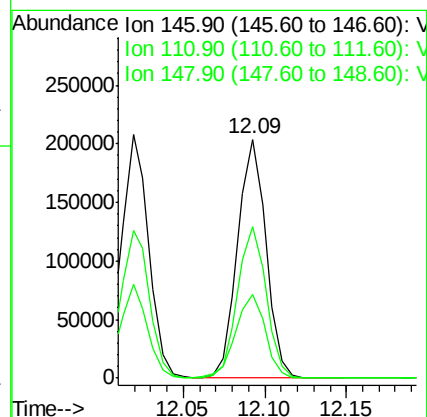
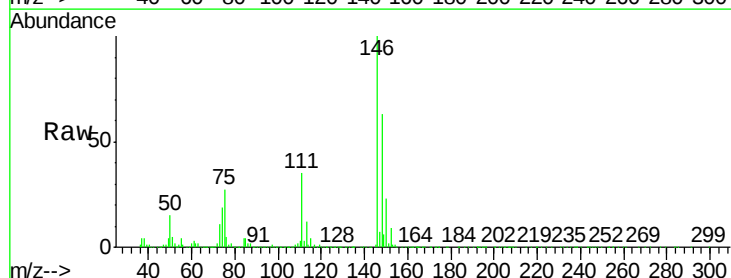
RT: 12.09 min Scan# 1838

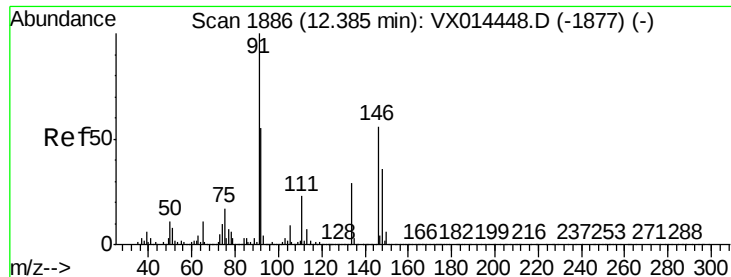
Delta R.T. 0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	146	Resp:	246514
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.1	54.1
148	64.0	32.1	96.3





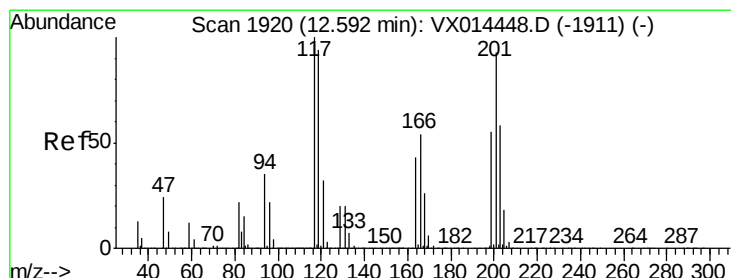
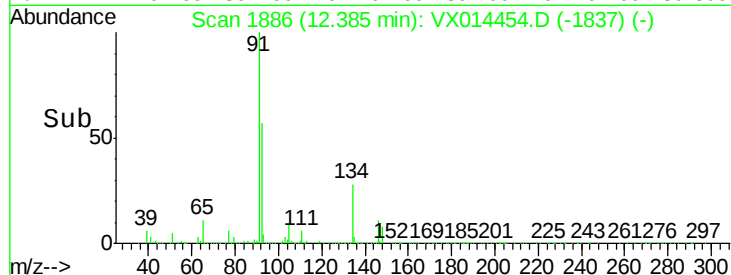
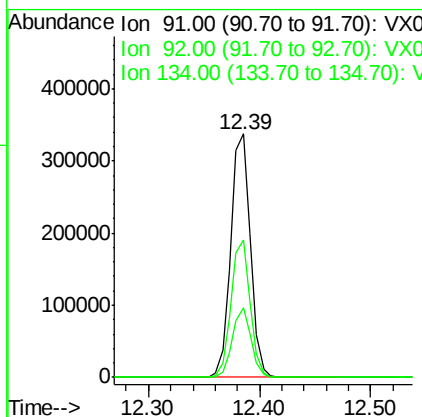
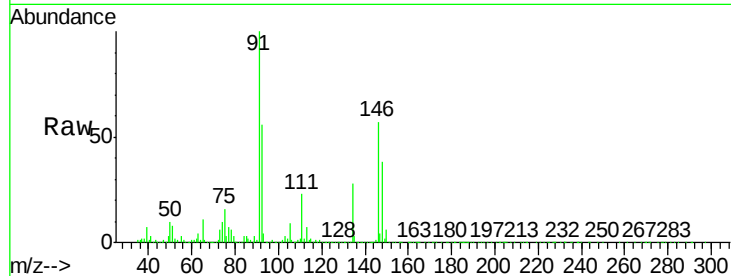
#89
n-Butylbenzene
Concen: 18.806 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	27.1	13.9	41.7

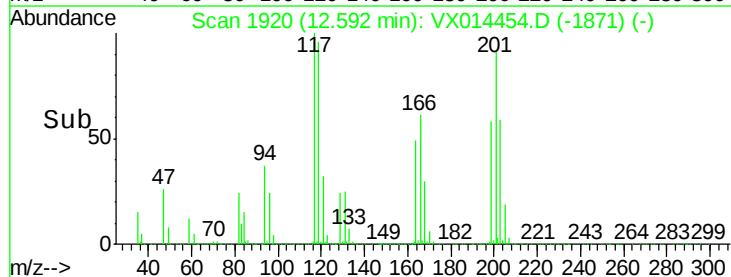
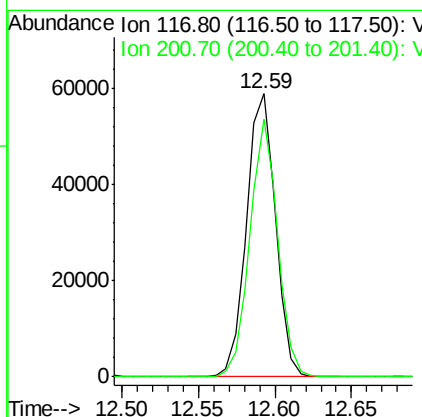
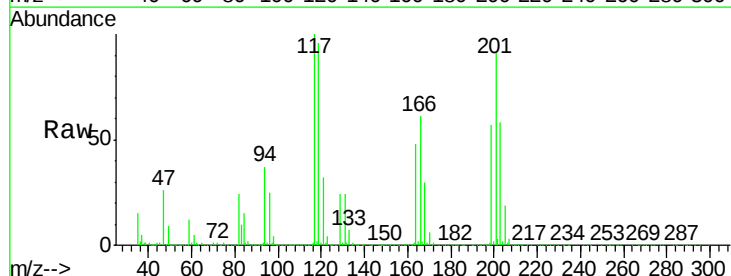
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#90
Hexachloroethane
Concen: 18.475 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 18.603 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

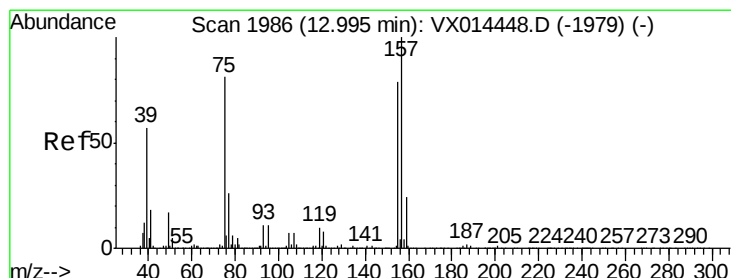
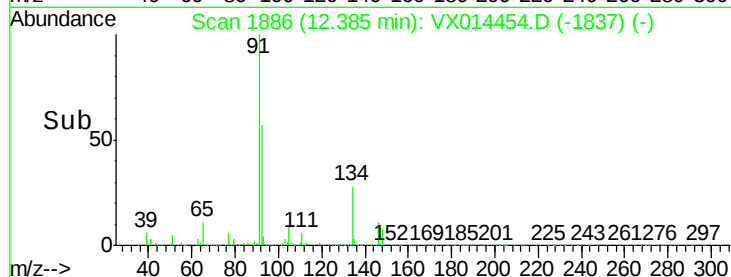
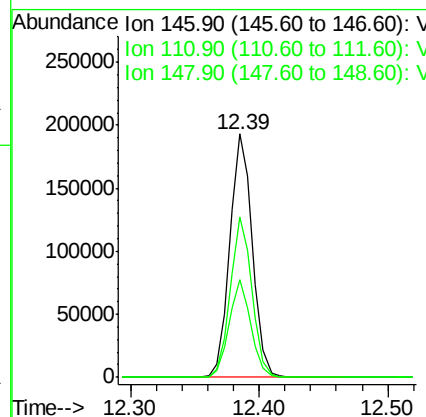
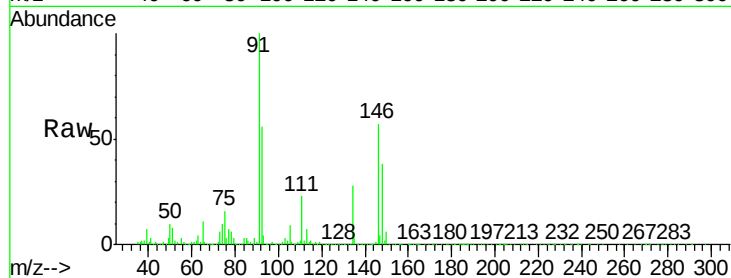
ClientSampled :

VX0107WBSD01

Tgt Ion:	146	Resp:	237607
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.8	59.4
148	63.6	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.020 ug/l

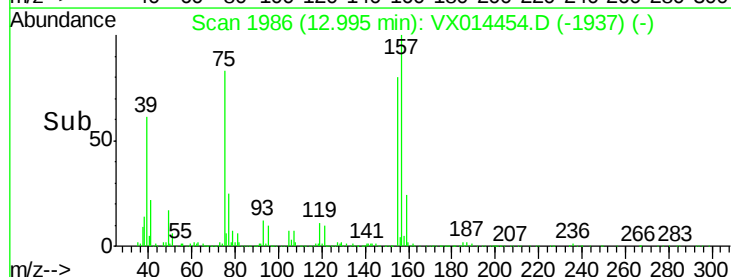
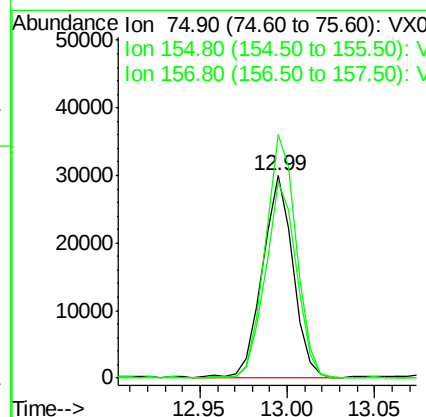
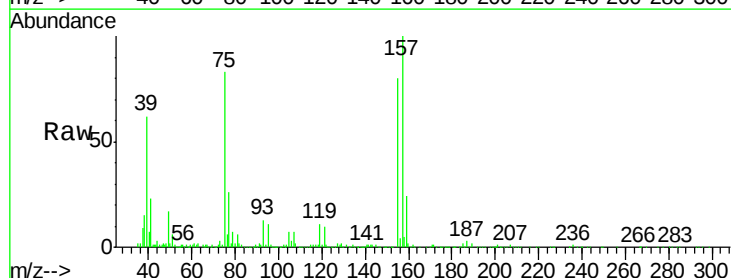
RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Tgt Ion:	75	Resp:	35938
Ion Ratio	Lower	Upper	
75	100		
155	99.4	48.7	146.1
157	122.9	62.0	185.9





#93

1,2,4-Trichlorobenzene

Concen: 19.431 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014454.D

Acq: 07 Jan 2020 17:44

Instrument :

MSVOA_X

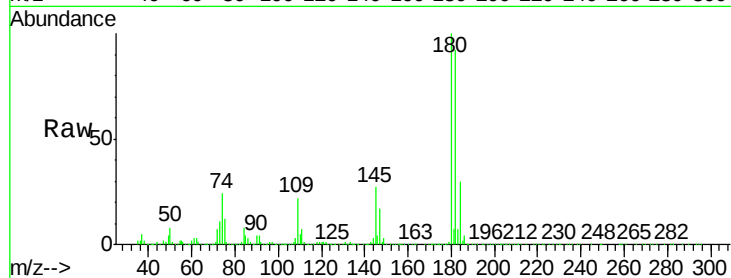
ClientSampleId :

VX0107WBSD01

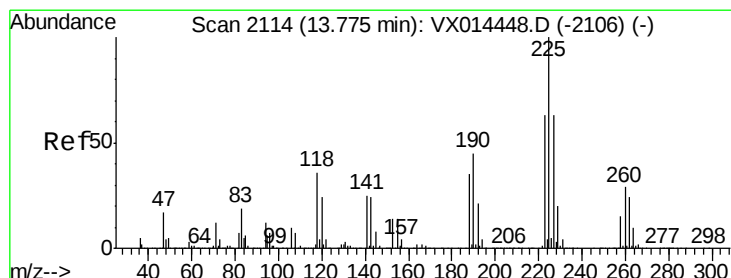
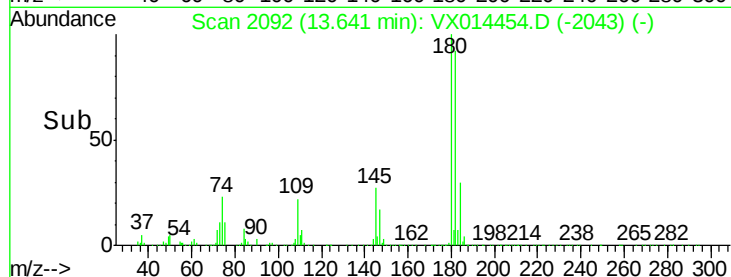
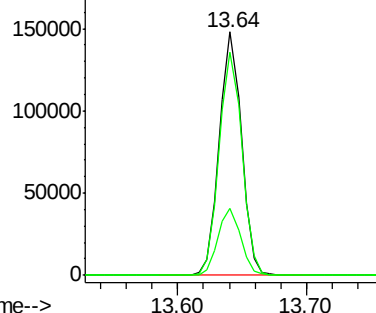
Tgt Ion:	180	Resp:	174794
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.5	142.5
145	28.4	13.9	41.6

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.548 ug/l

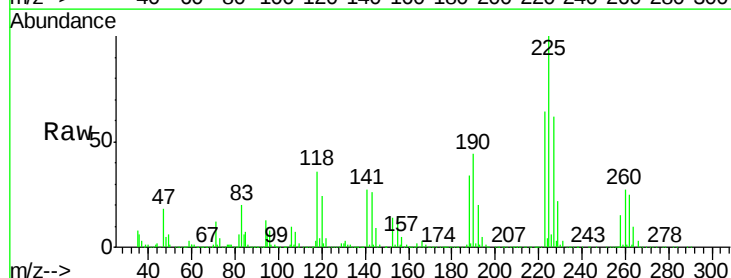
RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

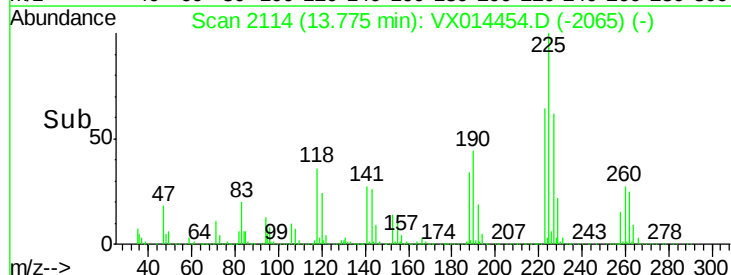
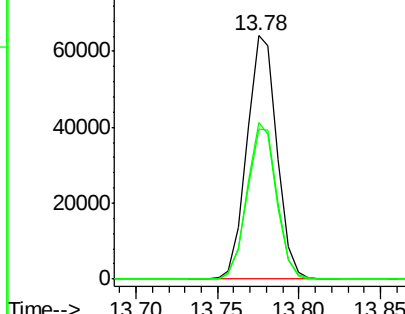
Lab File: VX014454.D

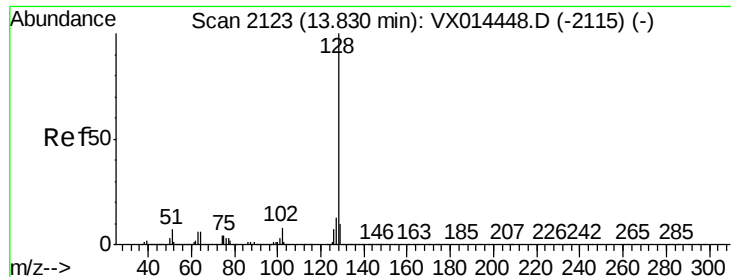
Acq: 07 Jan 2020 17:44

Tgt Ion:	225	Resp:	81912
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	62.6	31.4	94.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





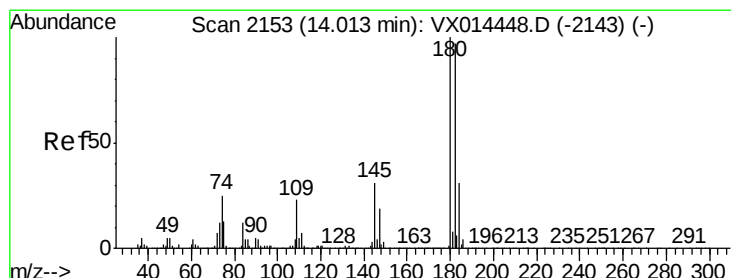
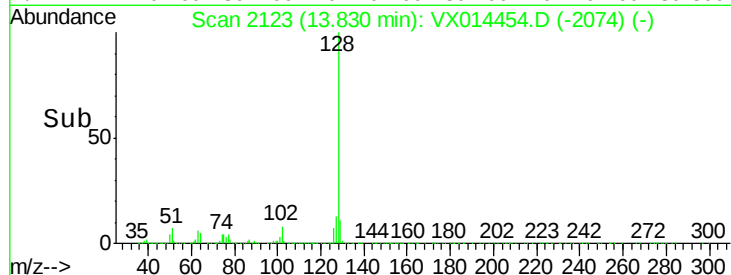
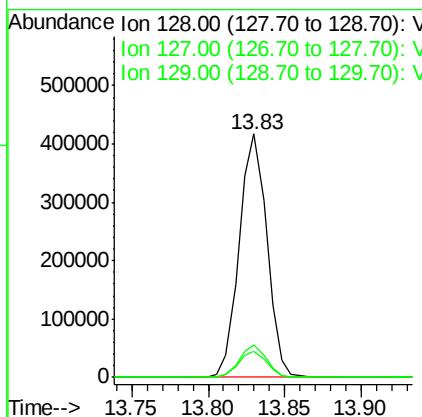
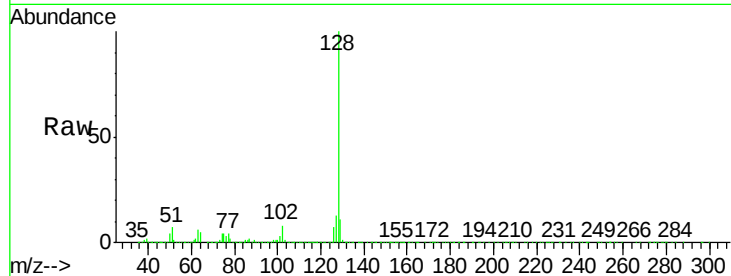
#95
Naphthalene
Concen: 18.781 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0107WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
1/8/2020 9:16:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.650 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014454.D
Acq: 07 Jan 2020 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.9	143.6
145	29.7	14.8	44.3

