

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014194.D
 Acq On : 23 Dec 2019 11:48
 Operator : JC/SP
 Sample : VX1223WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Manual Integrations
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 12/24/2019 8:53:03 AM

Quant Time: Dec 24 01:50:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	520907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	804560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	728342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	305404	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	248557	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	942756	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	338461	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	75919	16.291	ug/l 98
3) Chloromethane	1.32	50	107806	17.238	ug/l 99
4) Vinyl Chloride	1.40	62	109623	16.612	ug/l 99
5) Bromomethane	1.63	94	71936	15.359	ug/l 98
6) Chloroethane	1.72	64	73653	18.084	ug/l 91
7) Trichlorofluoromethane	1.92	101	144124	17.643	ug/l 95
8) Diethyl Ether	2.18	74	72013	18.783	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87383	17.745	ug/l 99
10) Methyl Iodide	2.50	142	84947	15.016	ug/l 99
11) Tert butyl alcohol	3.03	59	126804	99.402	ug/l 97
12) 1,1-Dichloroethene	2.36	96	87488	17.460	ug/l 97
13) Acrolein	2.28	56	73197	100.238	ug/l 99
14) Allyl chloride	2.72	41	164316	18.366	ug/l 99
15) Acrylonitrile	3.13	53	287734	96.636	ug/l 100
16) Acetone	2.43	43	344971	90.005	ug/l 100
17) Carbon Disulfide	2.56	76	226387	16.780	ug/l 100
18) Methyl Acetate	2.76	43	149389	19.670	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	323971	19.676	ug/l 97
20) Methylene Chloride	2.85	84	109573	18.154	ug/l 94
21) trans-1,2-Dichloroethene	3.16	96	98517	17.846	ug/l 96
22) Diisopropyl ether	3.84	45	347487	19.491	ug/l 94
23) Vinyl Acetate	3.80	43	1462949	100.553	ug/l 99
24) 1,1-Dichloroethane	3.69	63	181371	18.285	ug/l 99
25) 2-Butanone	4.65	43	445882	94.359	ug/l 100
26) 2,2-Dichloropropane	4.57	77	144974	18.825	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	116417	18.647	ug/l 99
28) Bromochloromethane	5.00	49	78404	20.820	ug/l 99
29) Tetrahydrofuran	5.11	42	257894	97.575	ug/l 100
30) Chloroform	5.20	83	176905	18.814	ug/l 98
31) Cyclohexane	5.57	56	152297	17.263	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	142579	17.791	ug/l 100
36) 1,1-Dichloropropene	5.79	75	127312	17.246	ug/l 100
37) Ethyl Acetate	4.81	43	159668	19.586	ug/l 100
38) Carbon Tetrachloride	5.77	117	119620	17.787	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	152196	16.697	ug/l	97
40) Benzene	6.13	78	411429	18.113	ug/l	99
41) Methacrylonitrile	5.03	41	87372	19.316	ug/l	98
42) 1,2-Dichloroethane	6.18	62	149032	19.356	ug/l	99
43) Isopropyl Acetate	6.43	43	258108	19.131	ug/l	99
44) Trichloroethene	7.21	130	112972	18.007	ug/l	94
45) 1,2-Dichloropropane	7.50	63	108510	18.638	ug/l	95
46) Dibromomethane	7.65	93	70484	18.312	ug/l	98
47) Bromodichloromethane	7.89	83	136712	18.859	ug/l	99
48) Methyl methacrylate	7.76	41	125198	18.951	ug/l	99
49) 1,4-Dioxane	7.73	88	51473	382.867	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	809714	95.566	ug/l	99
52) Toluene	8.78	92	255197	17.775	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	152585	19.196	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	171000	19.310	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110641	19.228	ug/l	98
56) Ethyl methacrylate	9.17	69	171951	19.024	ug/l	99
57) 1,3-Dichloropropane	9.36	76	186317	19.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	326661	95.497	ug/l	99
59) 2-Hexanone	9.48	43	642346	94.177	ug/l	98
60) Dibromochloromethane	9.57	129	109748	19.188	ug/l	97
61) 1,2-Dibromoethane	9.67	107	112249	19.066	ug/l	100
64) Tetrachloroethene	9.33	164	117529	18.236	ug/l	97
65) Chlorobenzene	10.13	112	280036	18.083	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	103368	18.694	ug/l	99
67) Ethyl Benzene	10.25	91	485780	18.246	ug/l	100
68) m/p-Xylenes	10.35	106	366384	35.779	ug/l	98
69) o-Xylene	10.70	106	182680	18.190	ug/l	99
70) Styrene	10.71	104	307403	18.101	ug/l	98
71) Bromoform	10.85	173	84667	19.049	ug/l #	98
73) Isopropylbenzene	11.01	105	468568	18.332	ug/l	100
74) N-amyl acetate	10.89	43	222962	18.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	165095	18.631	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	133989m	17.001	ug/l	
77) Bromobenzene	11.25	156	127183	18.085	ug/l	97
78) n-propylbenzene	11.35	91	527089	18.385	ug/l	99
79) 2-Chlorotoluene	11.42	91	319818	18.351	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	387137	17.997	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52492	18.799	ug/l	97
82) 4-Chlorotoluene	11.51	91	367942	18.201	ug/l	98
83) tert-Butylbenzene	11.76	119	365965	17.482	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	396995	18.429	ug/l	99
85) sec-Butylbenzene	11.94	105	440171	17.811	ug/l	100
86) p-Isopropyltoluene	12.06	119	407233	18.014	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220389	17.881	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221288	17.657	ug/l	99
89) n-Butylbenzene	12.39	91	337515	17.498	ug/l	100
90) Hexachloroethane	12.59	117	69218	17.047	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	219672	17.705	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34278	17.480	ug/l	99

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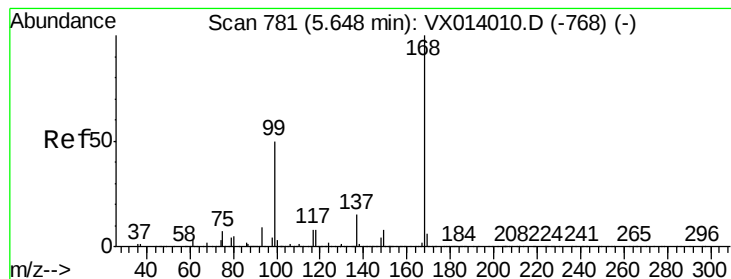
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143083	17.743	ug/l	99
94) Hexachlorobutadiene	13.78	225	65694	16.951	ug/l	99
95) Naphthalene	13.83	128	445025	18.783	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142800	17.939	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion:168 Resp: 520907

Ion Ratio Lower Upper

168 100

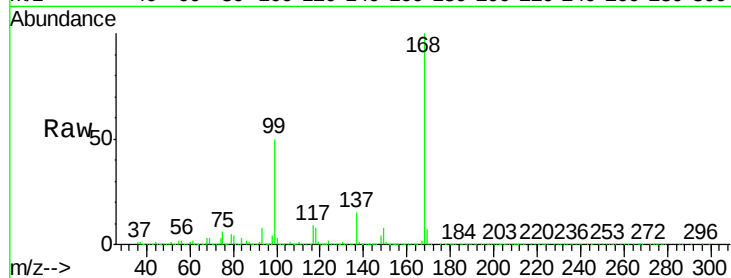
99 49.7 40.3 60.5

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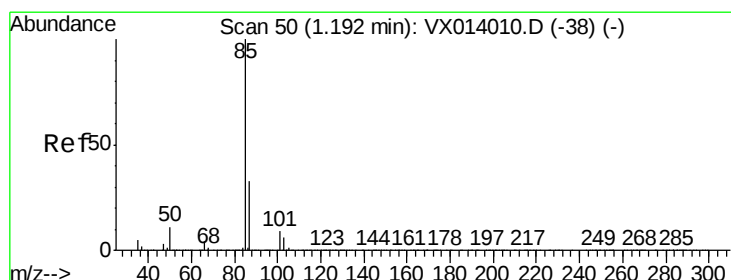
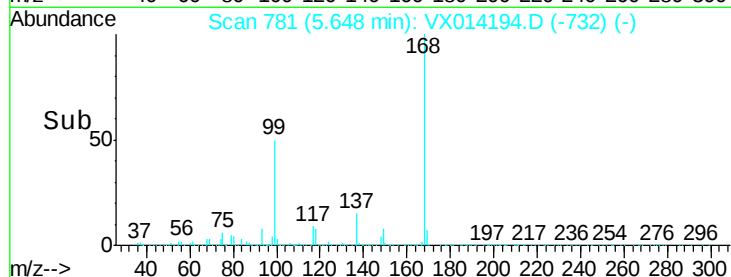
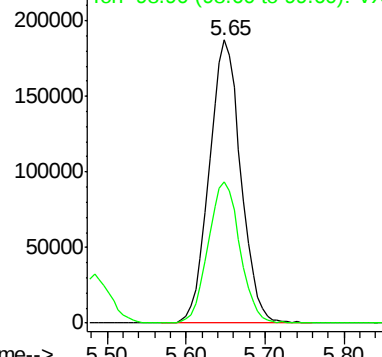
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.291 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014194.D

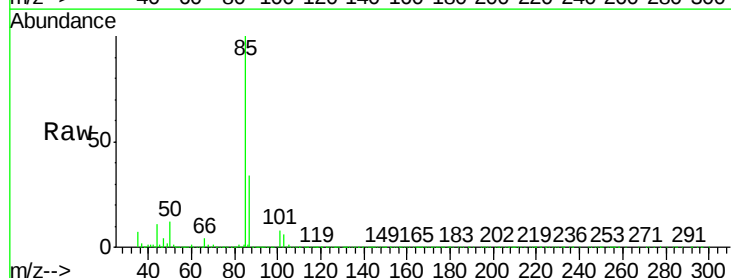
Acq: 23 Dec 2019 11:48

Tgt Ion: 85 Resp: 75919

Ion Ratio Lower Upper

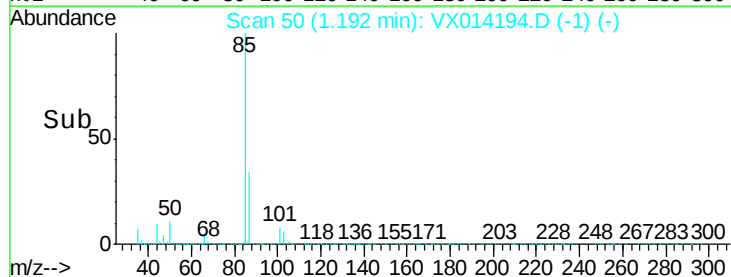
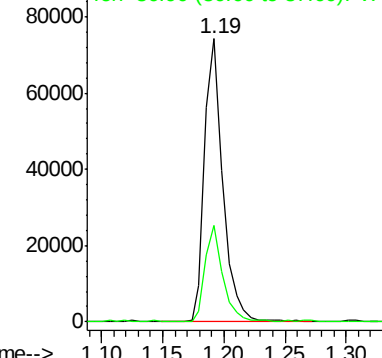
85 100

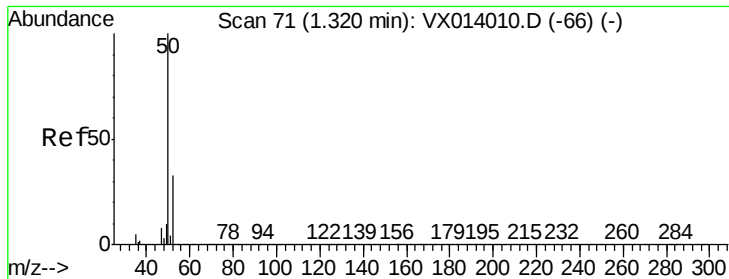
87 34.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.238 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 50 Resp: 107806

Ion Ratio Lower Upper

50 100

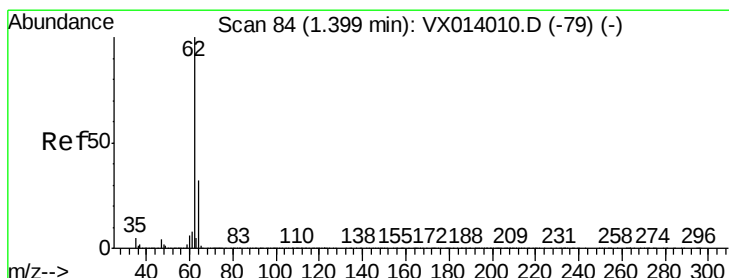
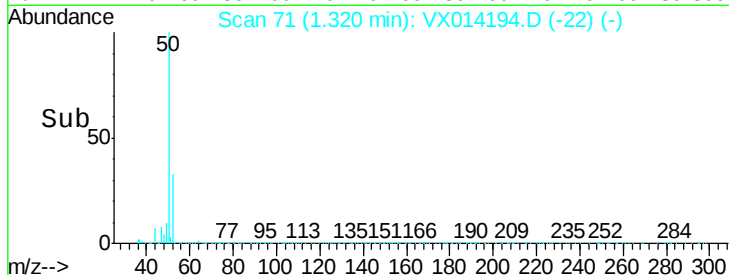
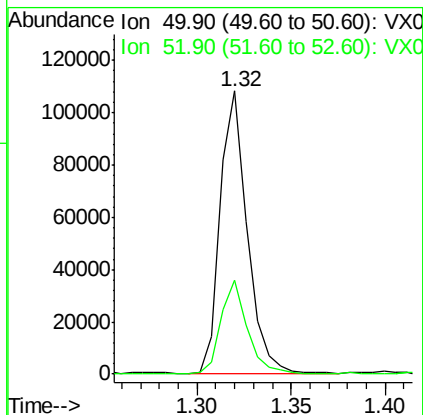
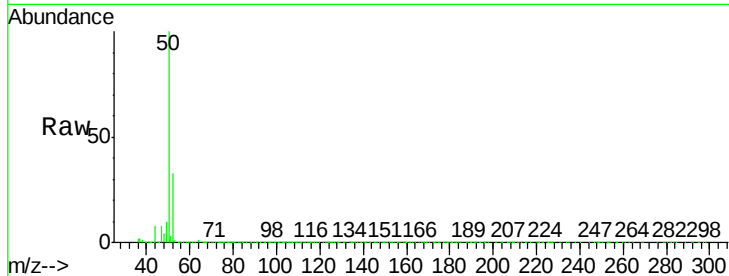
52 33.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 16.612 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014194.D

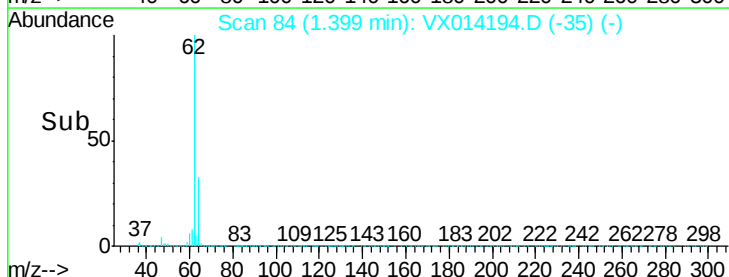
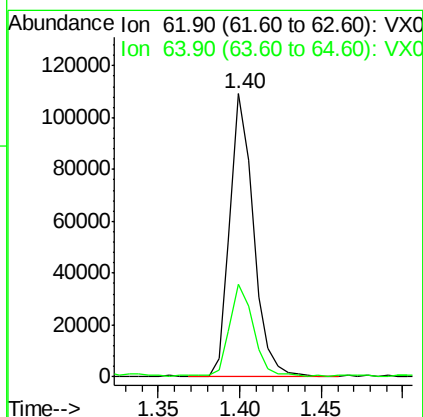
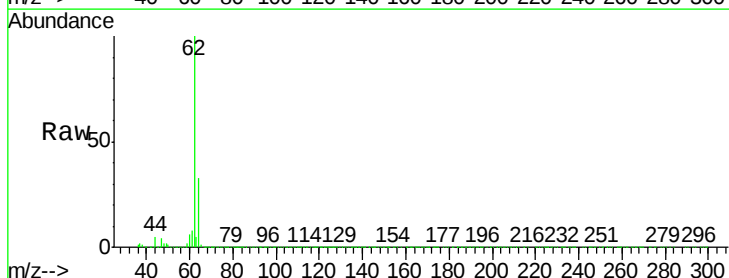
Acq: 23 Dec 2019 11:48

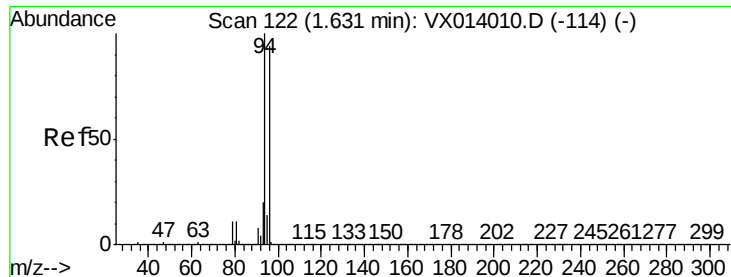
Tgt Ion: 62 Resp: 109623

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 15.359 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 94 Resp: 71936

Ion Ratio Lower Upper

94 100

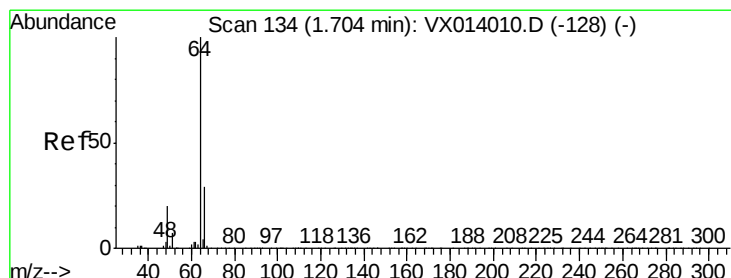
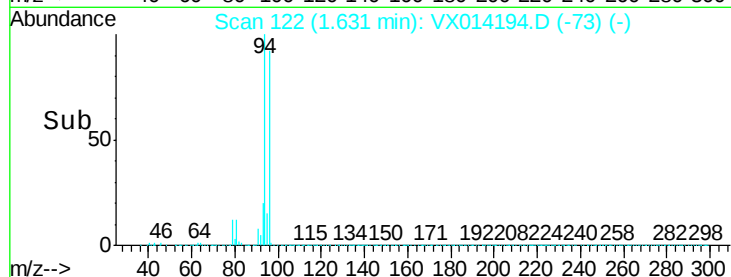
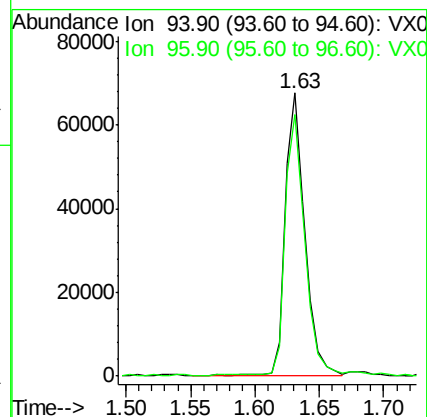
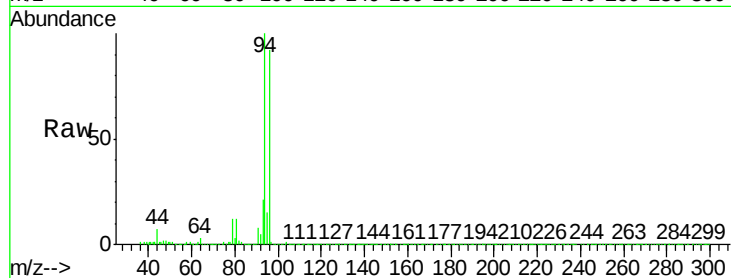
96 92.2 75.2 112.8

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#6

Chloroethane

Concen: 18.084 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014194.D

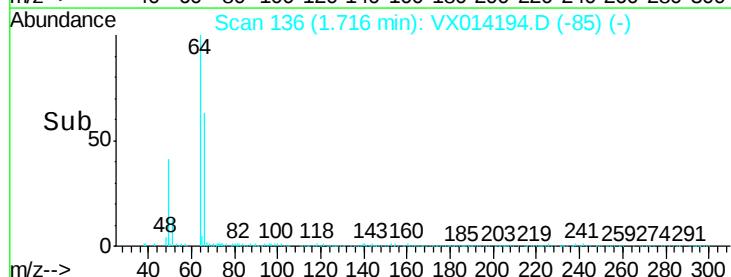
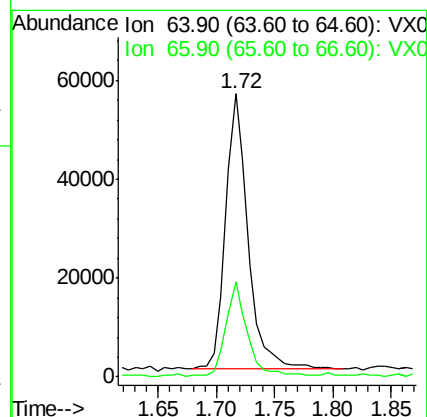
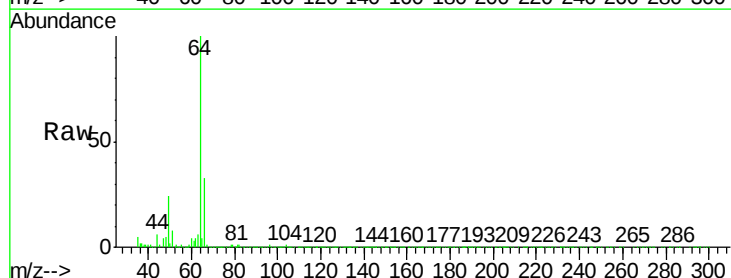
Acq: 23 Dec 2019 11:48

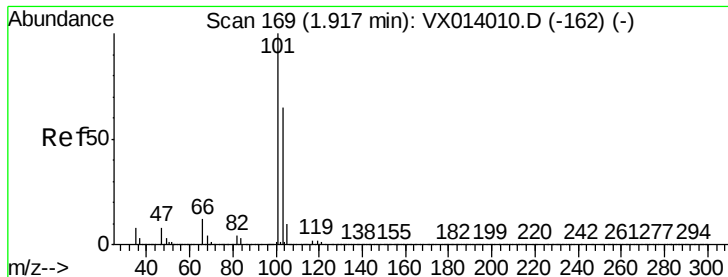
Tgt Ion: 64 Resp: 73653

Ion Ratio Lower Upper

64 100

66 33.9 23.4 35.2





#7

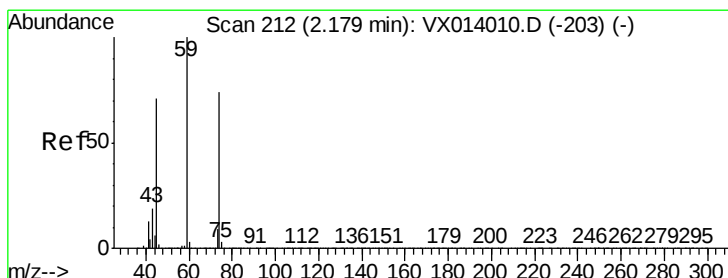
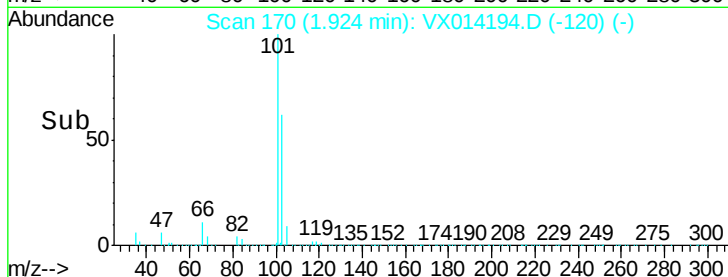
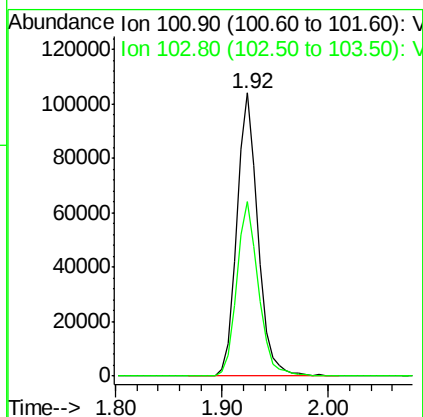
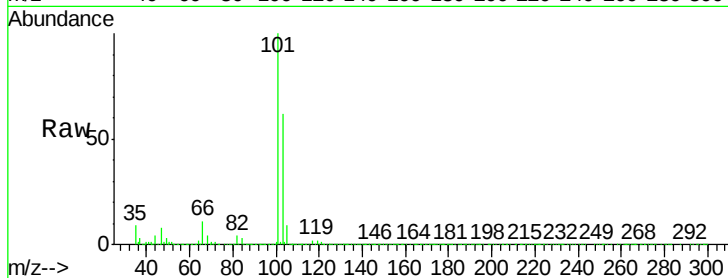
Trichlorofluoromethane
Concen: 17.643 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		144124		
103	61.4	52.2	78.4		

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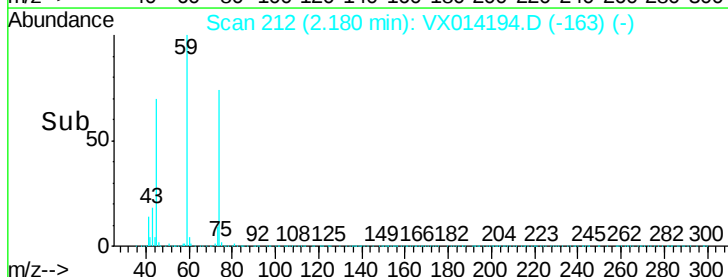
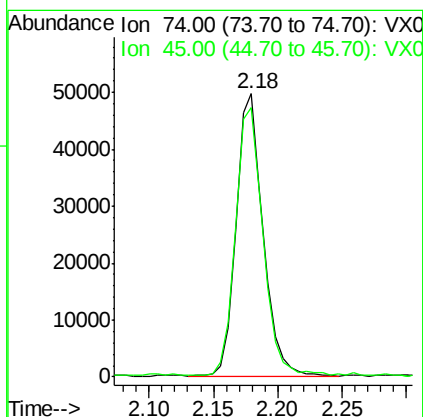
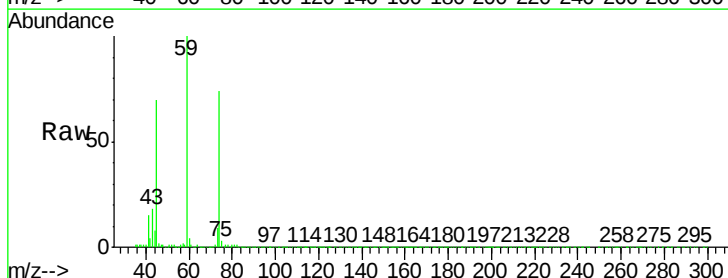
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#8

Diethyl Ether
Concen: 18.783 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		72013		
45	97.1	48.1	144.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.745 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

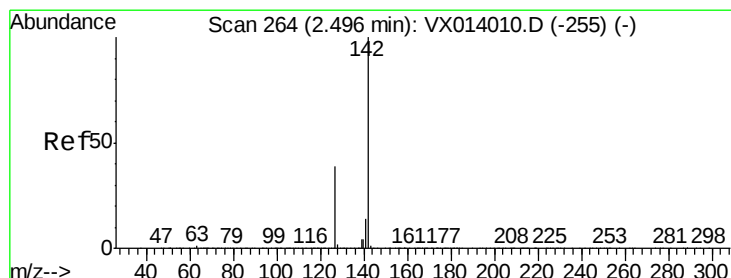
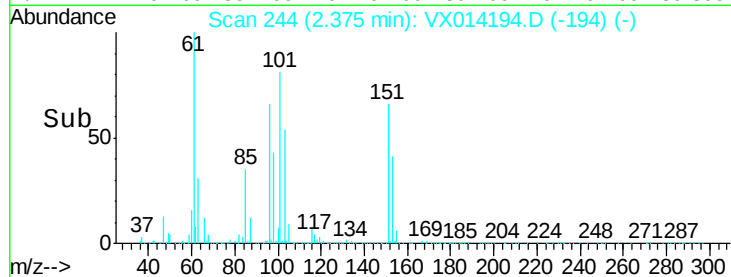
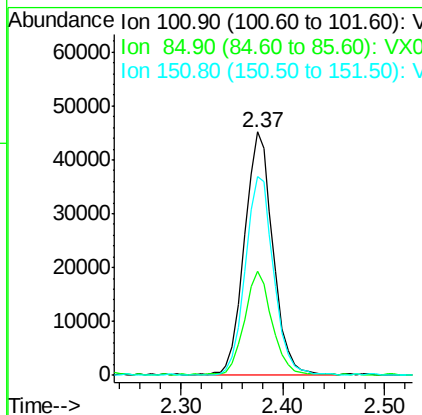
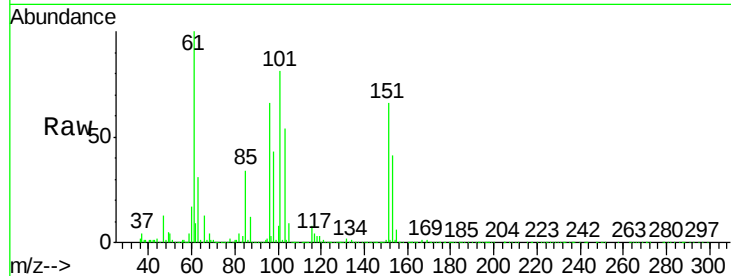
ClientSampleId :

VX1223WBS01

Tot Ion:	101	Resp:	87383
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.7	50.5
151	82.0	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 15.016 ug/l

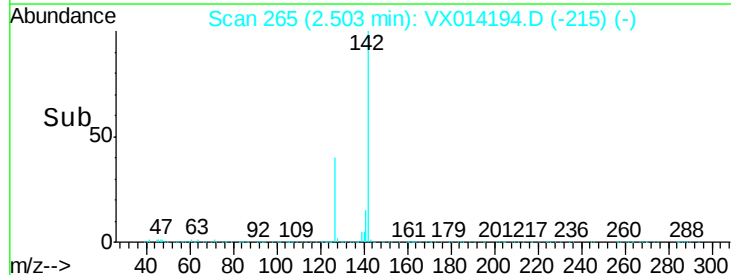
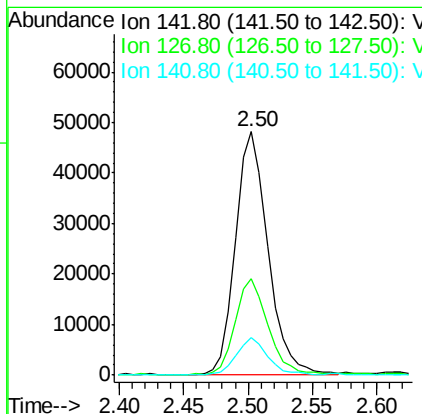
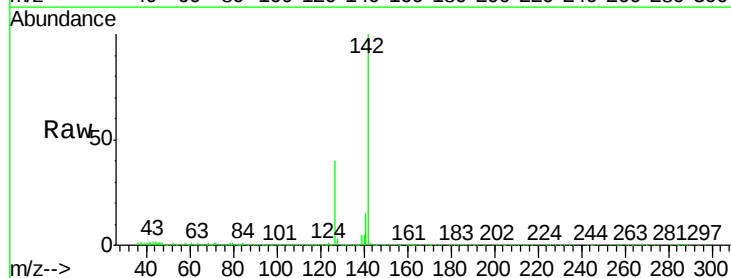
RT: 2.50 min Scan# 265

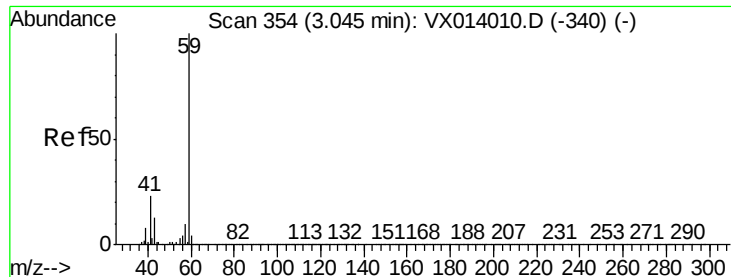
Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	142	Resp:	84947
Ion Ratio	Lower	Upper	
142	100		
127	40.7	31.6	47.4
141	14.5	11.6	17.4





#11

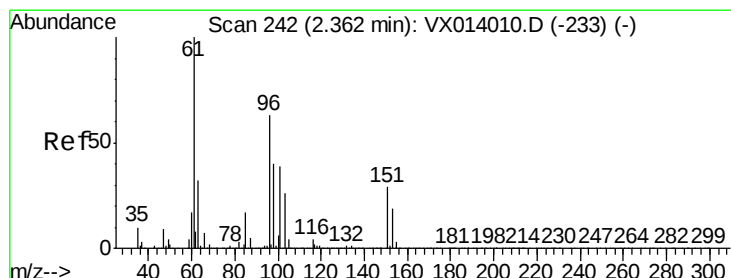
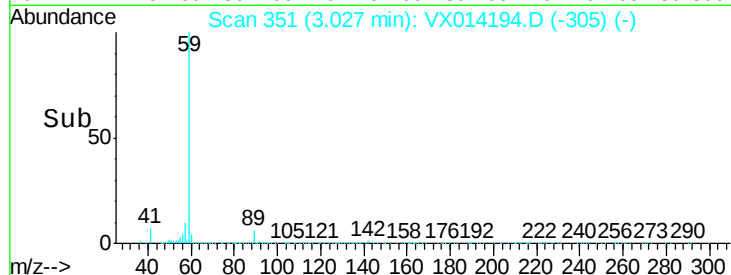
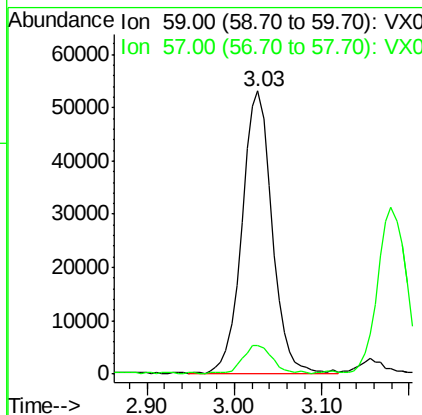
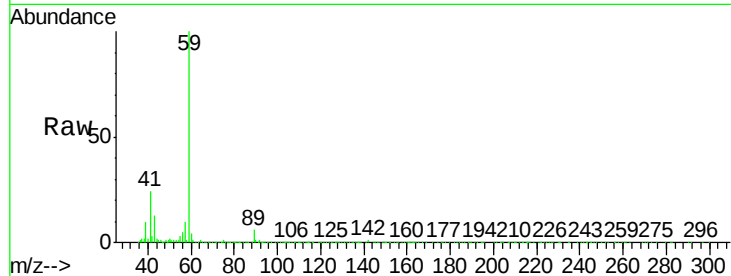
Tert butyl alcohol
 Concen: 99.402 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.4	12.6

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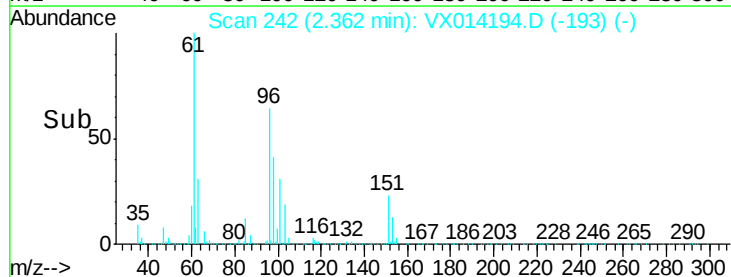
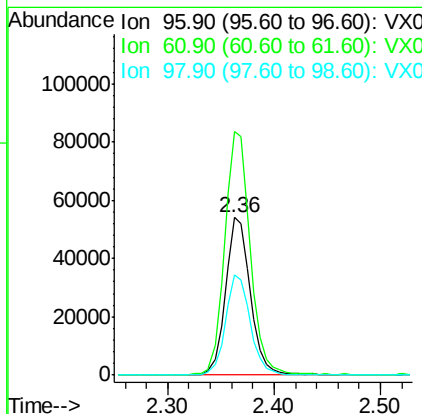
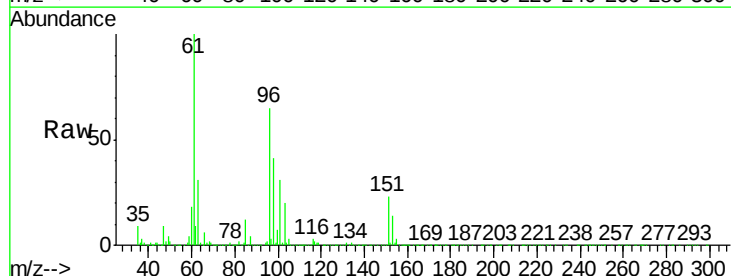
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#12

1,1-Dichloroethene
 Concen: 17.460 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	127.9	191.9
98	63.3	50.5	75.7





#13

Acrolein

Concen: 100.238 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 56 Resp: 73197

Ion Ratio Lower Upper

56 100

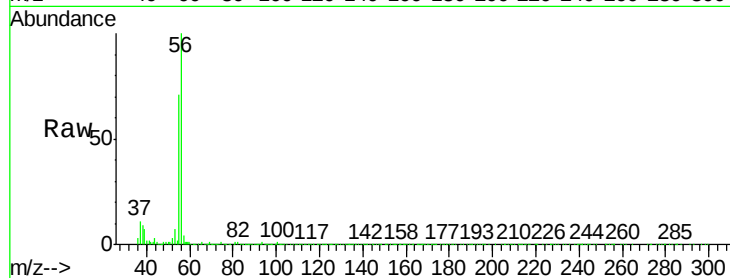
55 70.1 56.9 85.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

50000

40000

30000

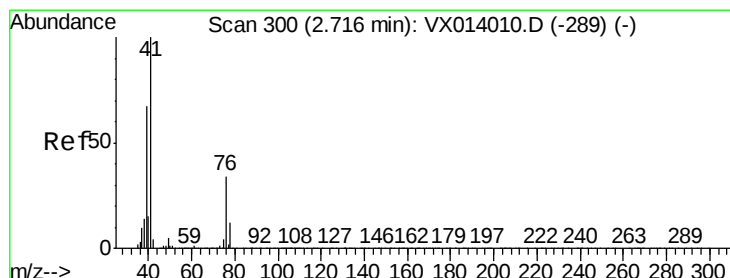
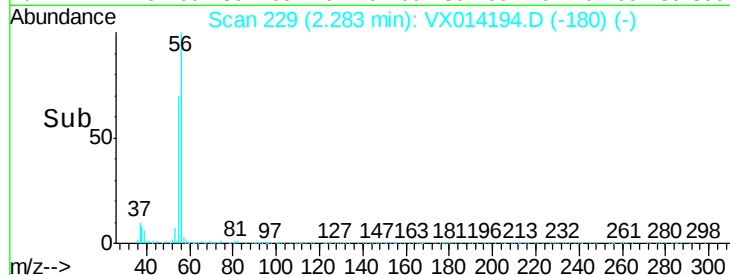
20000

10000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 18.366 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

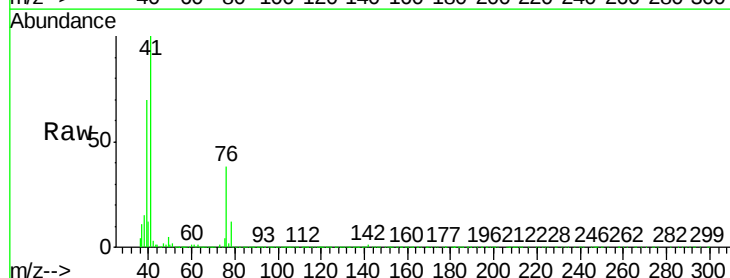
Tgt Ion: 41 Resp: 164316

Ion Ratio Lower Upper

41 100

39 64.7 51.8 77.8

76 33.1 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

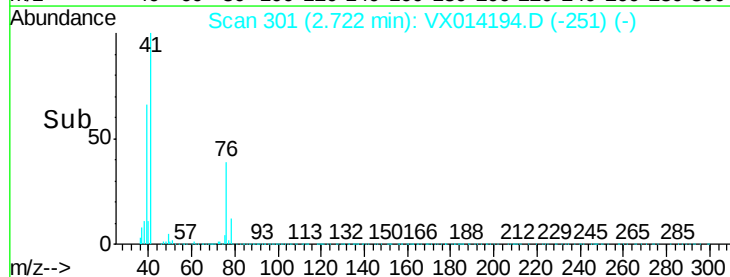
100000

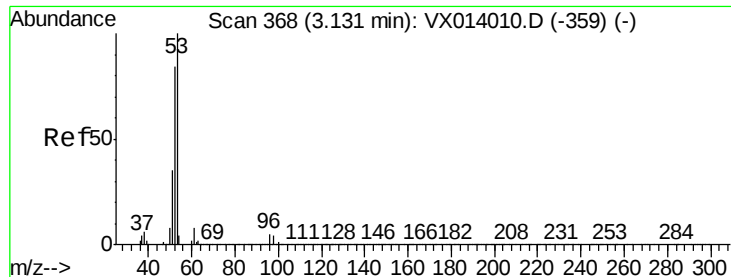
50000

0

2.60 2.70 2.80

Time-->





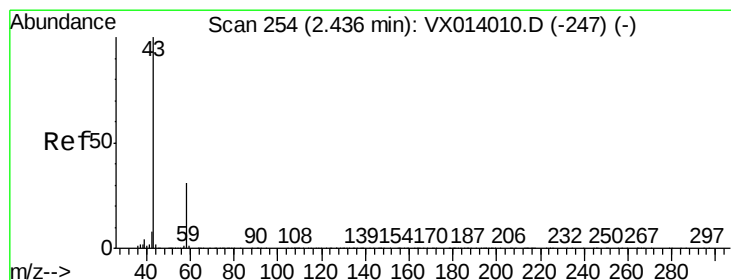
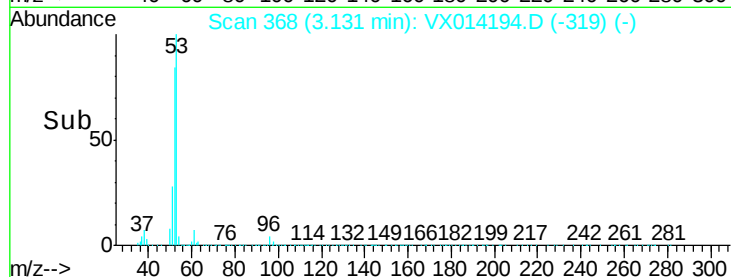
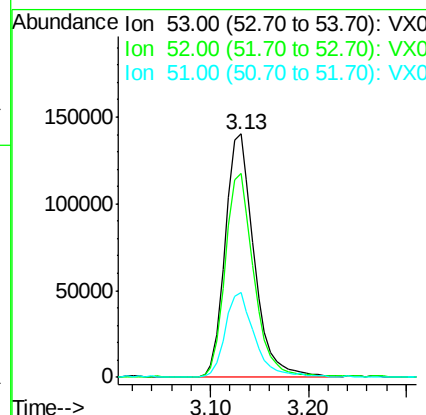
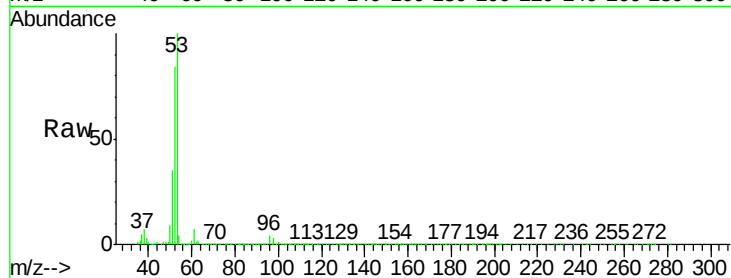
#15
 Acrylonitrile
 Concen: 96.636 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	53	Resp	287734
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	34.9	28.1	42.1

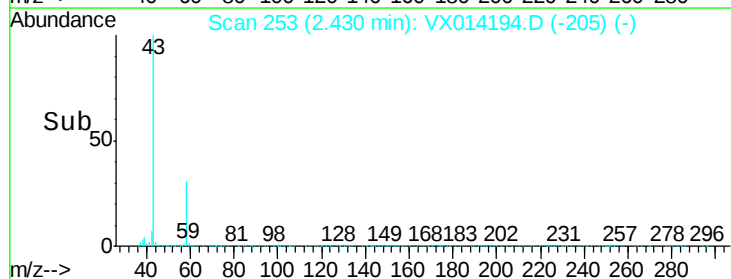
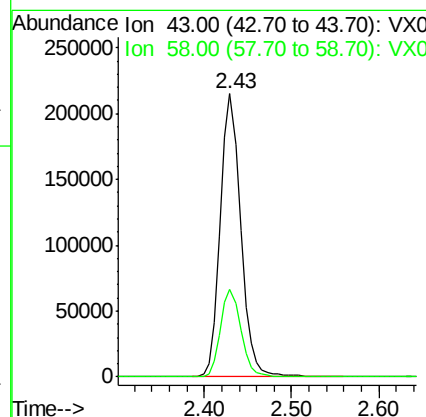
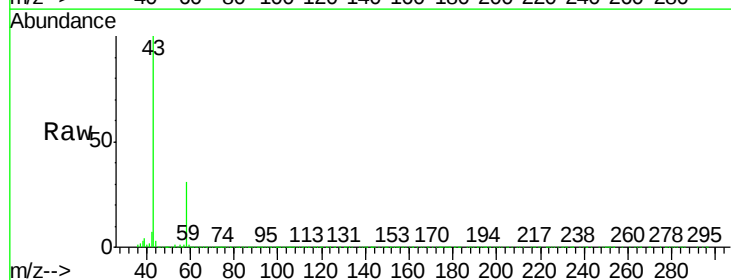
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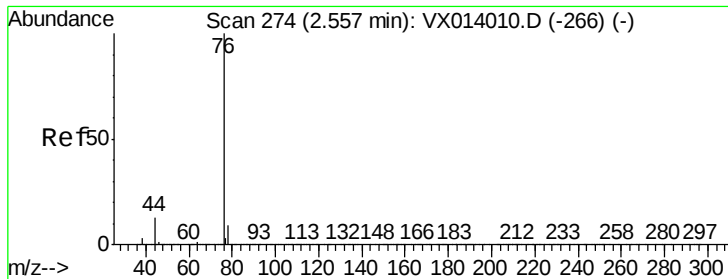
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#16
 Acetone
 Concen: 90.005 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	43	Resp	344971
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.9	37.3





#17

Carbon Disulfide

Concen: 16.780 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014194.D

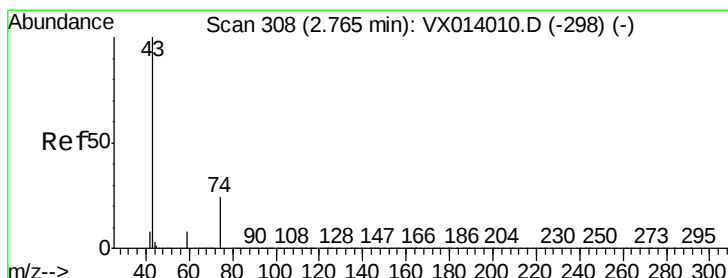
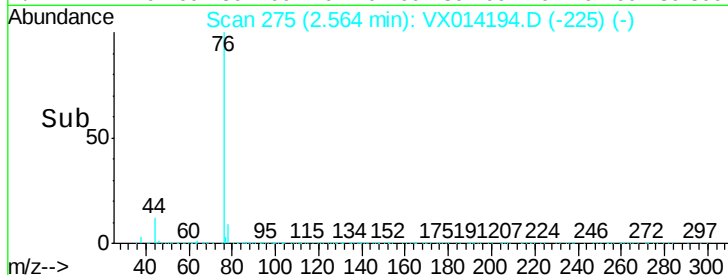
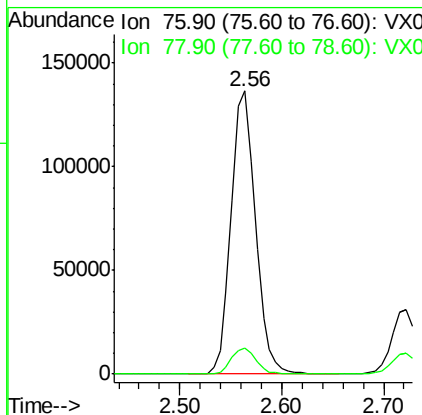
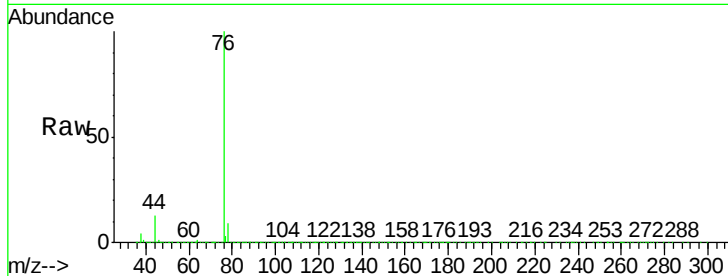
Acq: 23 Dec 2019 11:48

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Manual Integrations
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#18

Methyl Acetate

Concen: 19.670 ug/l

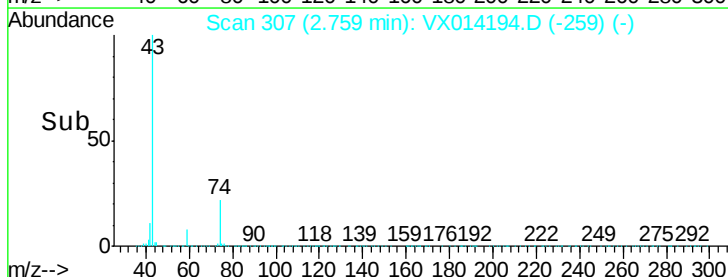
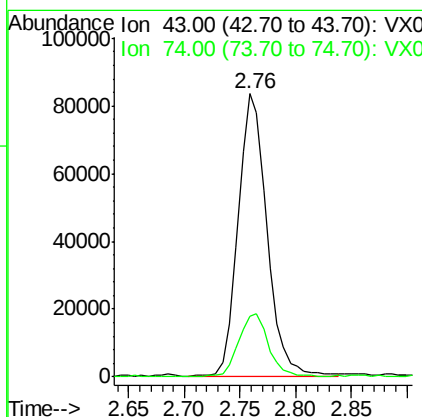
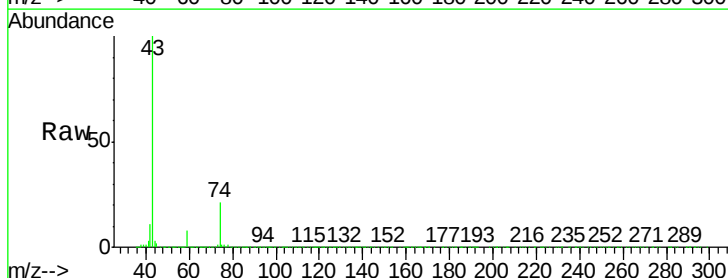
RT: 2.76 min Scan# 307

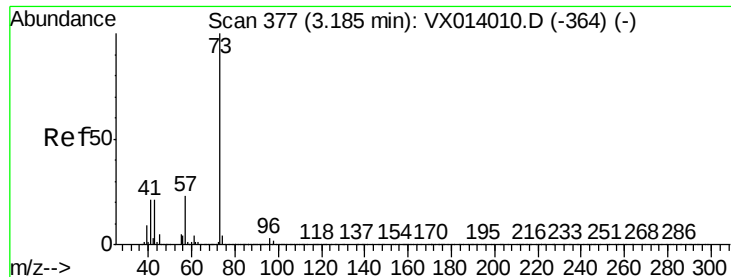
Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.5	29.3





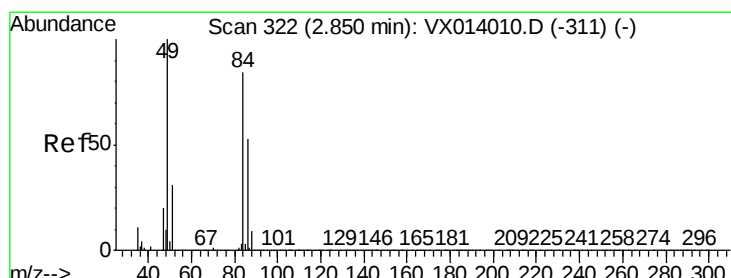
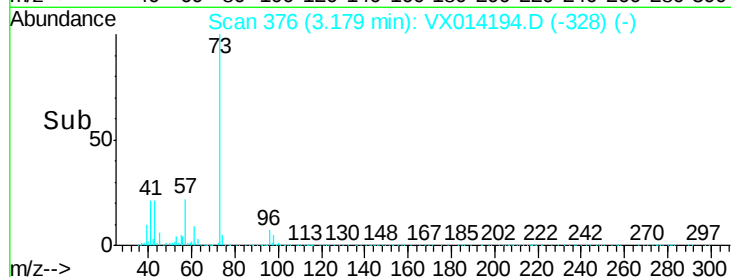
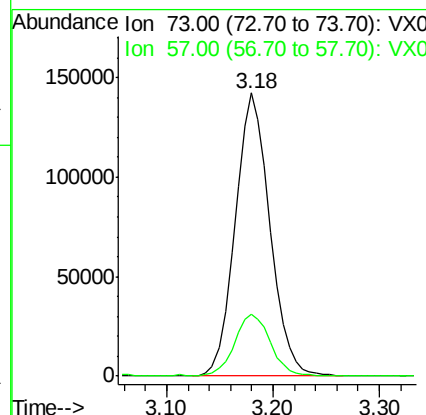
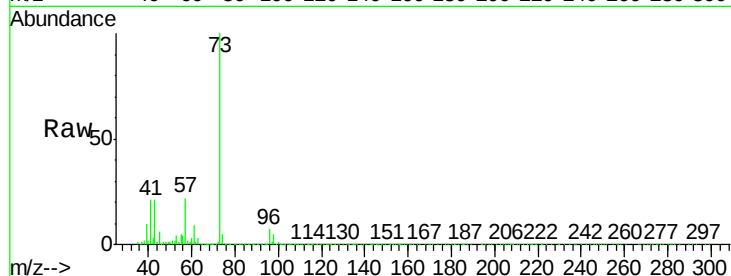
#19
Methyl tert-butyl Ether
Concen: 19.676 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.8	28.2

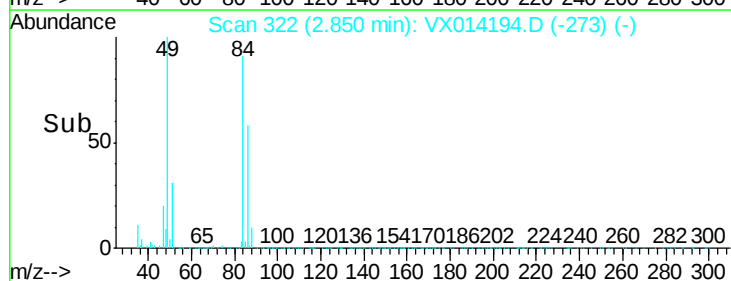
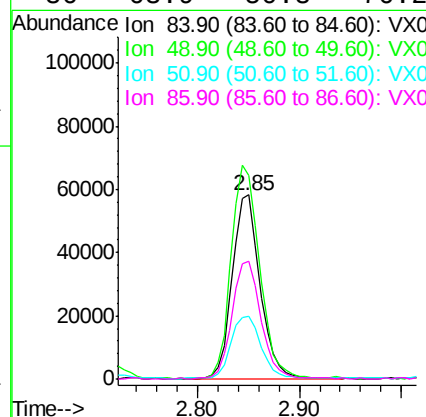
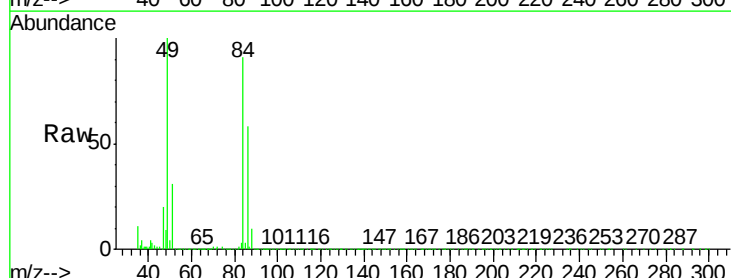
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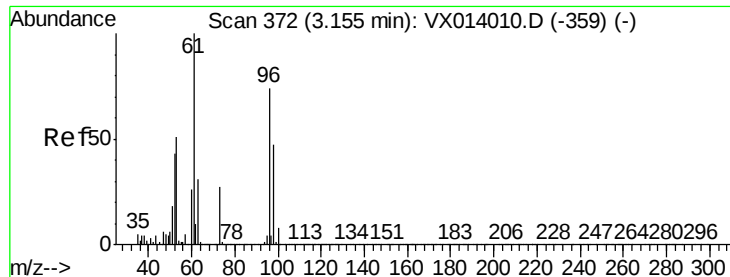
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#20
Methylene Chloride
Concen: 18.154 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	95.8	143.6
51	34.0	29.8	44.8
86	63.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 17.846 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

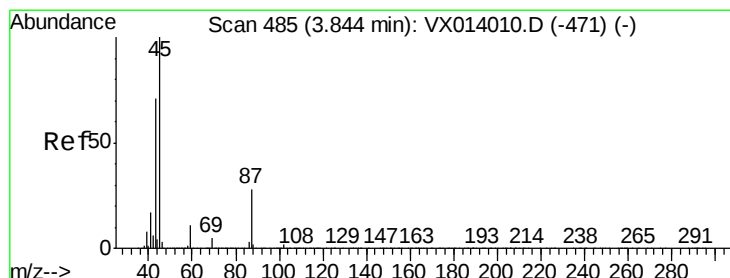
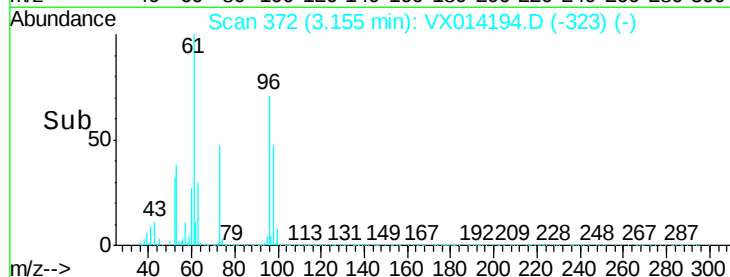
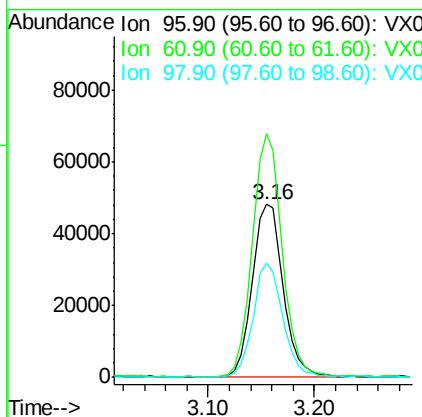
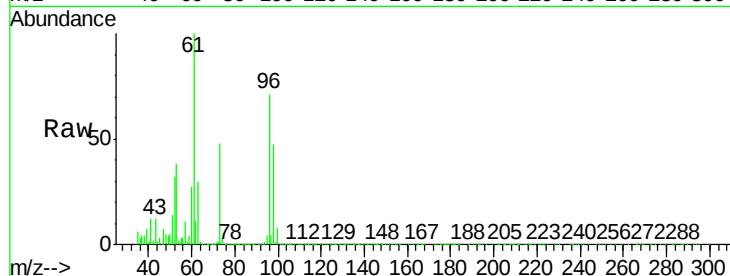
ClientSampleId :

VX1223WBS01

Tot Ion:	96	Resp:	98517
Ion Ratio	Lower	Upper	
96	100		
61	140.5	108.3	162.5
98	65.5	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.491 ug/l

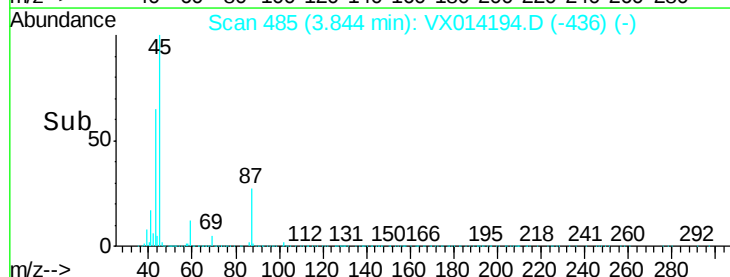
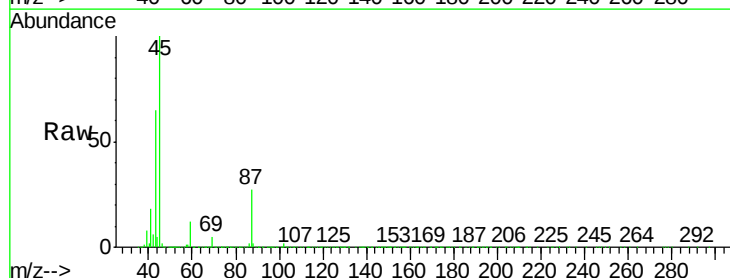
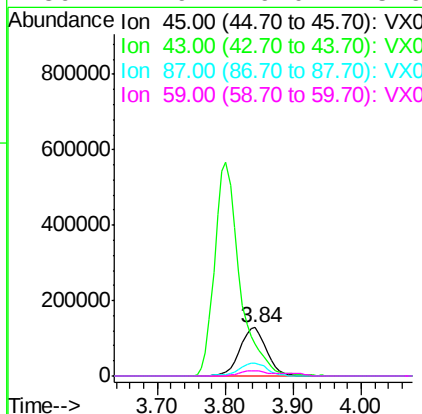
RT: 3.84 min Scan# 485

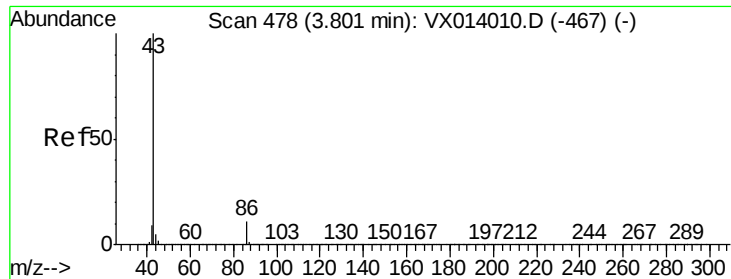
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	45	Resp:	347487
Ion Ratio	Lower	Upper	
45	100		
43	64.8	57.4	86.0
87	26.8	21.9	32.9
59	11.9	9.0	13.6





#23

Vinyl Acetate

Concen: 100.553 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 43 Resp: 1462949

Ion Ratio Lower Upper

43 100

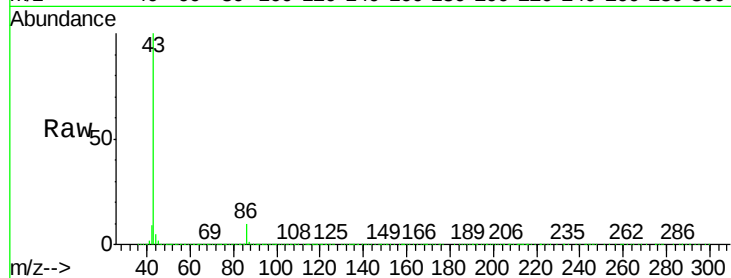
86 10.4 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

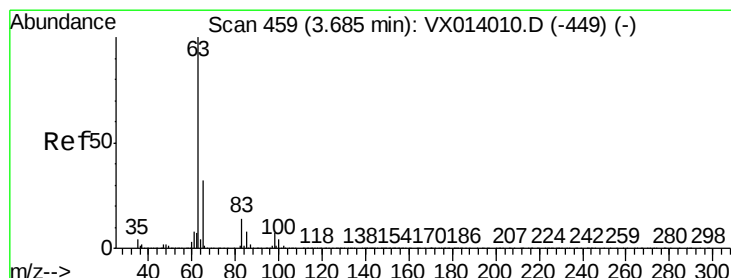
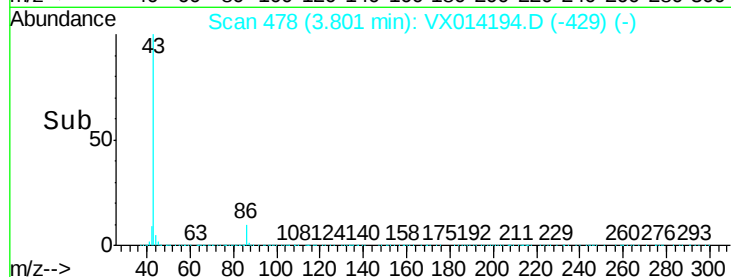
200000

100000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.285 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

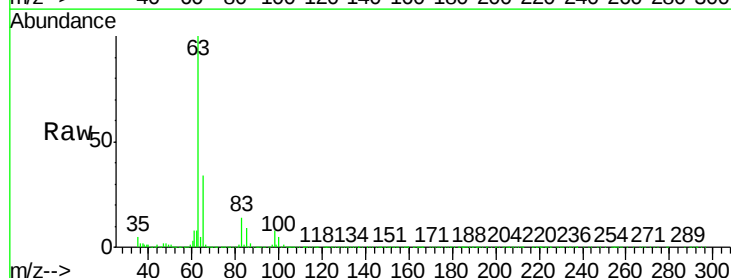
Tgt Ion: 63 Resp: 181371

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

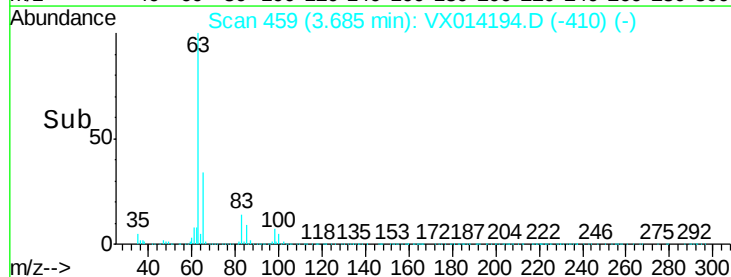
40000

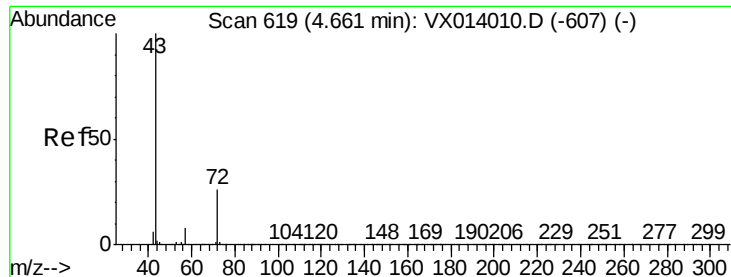
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 94.359 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tot Ion: 43 Resp: 445882

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

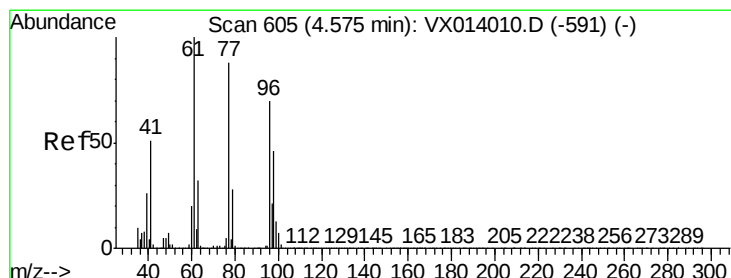
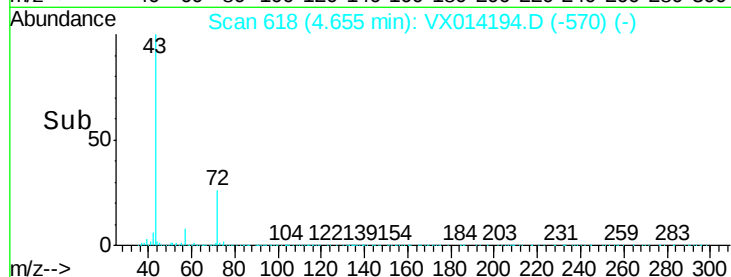
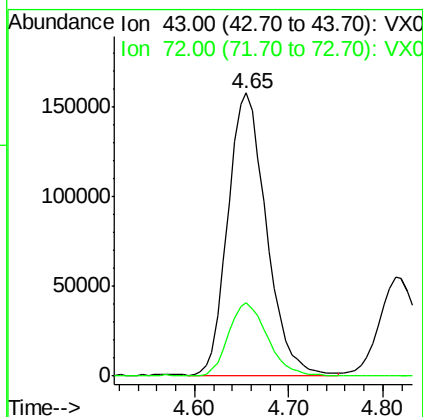
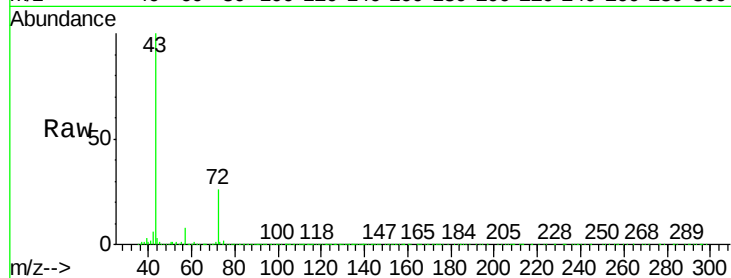
VX1223WBS01

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#26

2,2-Dichloropropane

Concen: 18.825 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014194.D

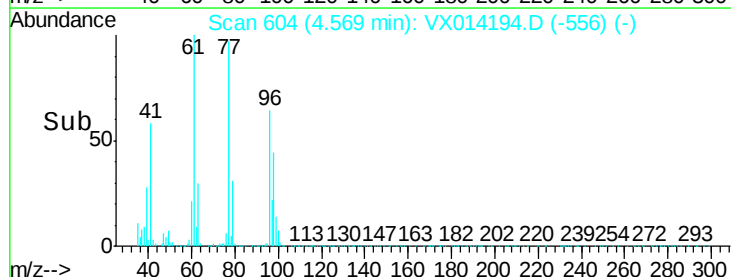
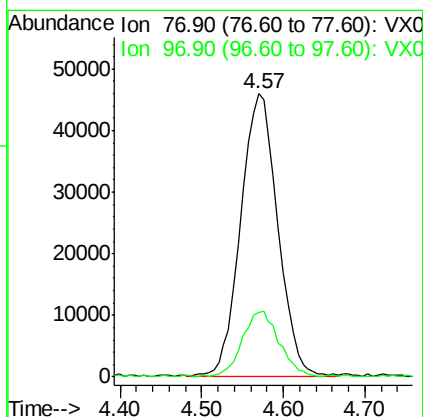
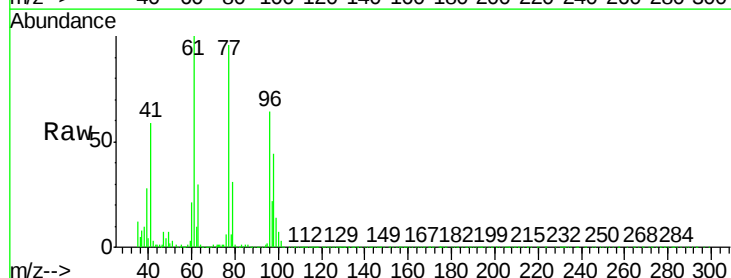
Acq: 23 Dec 2019 11:48

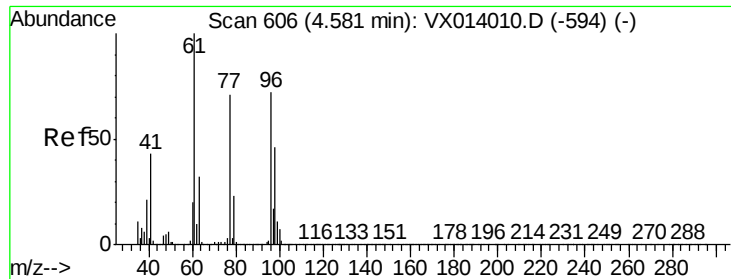
Tgt Ion: 77 Resp: 144974

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9





#27

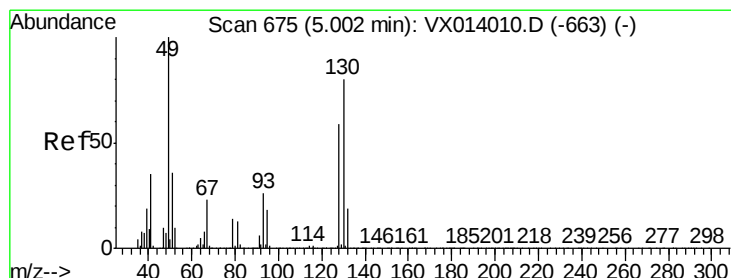
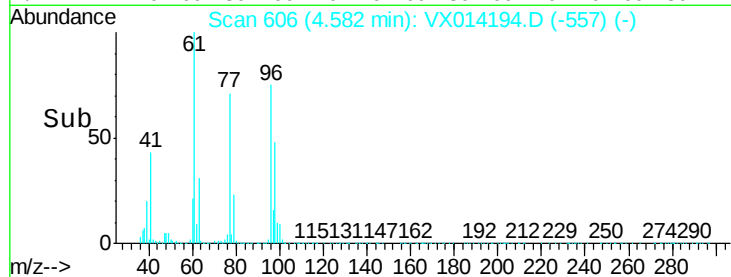
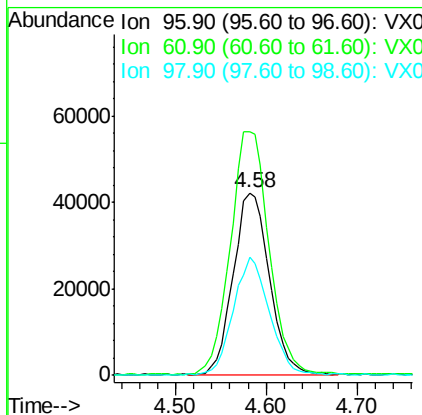
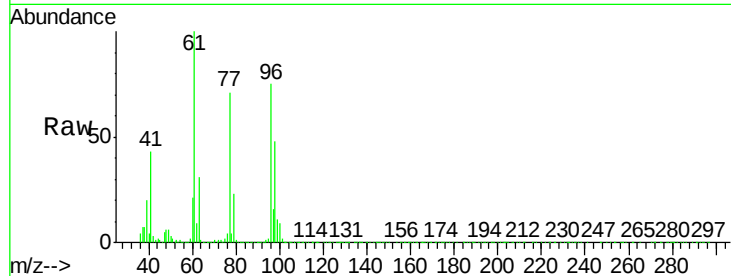
cis-1,2-Dichloroethene
Concen: 18.647 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	143.6	0.0	288.4
98	63.9	0.0	129.6

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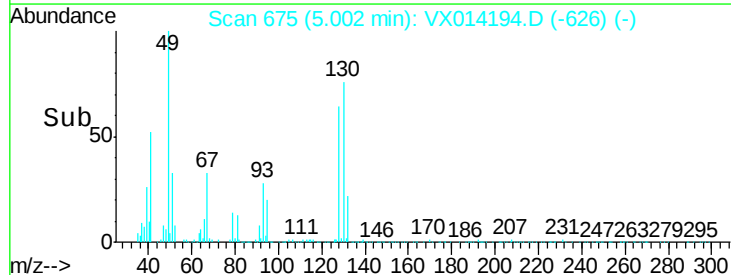
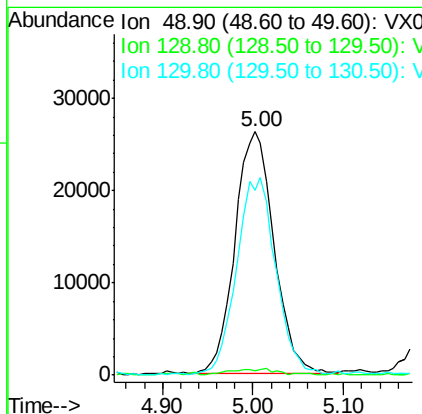
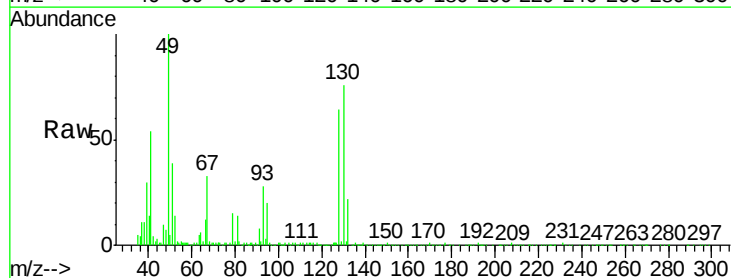
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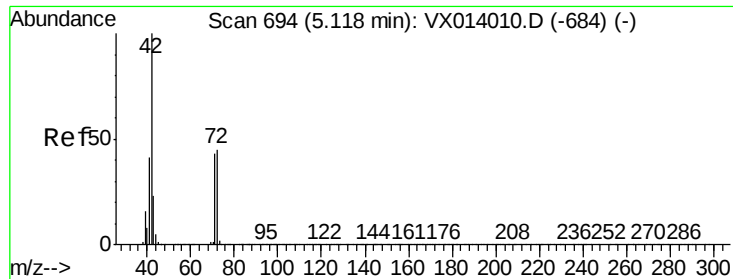


#28

Bromochloromethane
Concen: 20.820 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.5	0.0	5.0
130	82.1	64.6	97.0





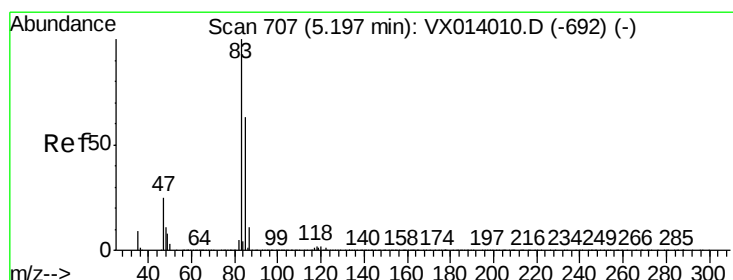
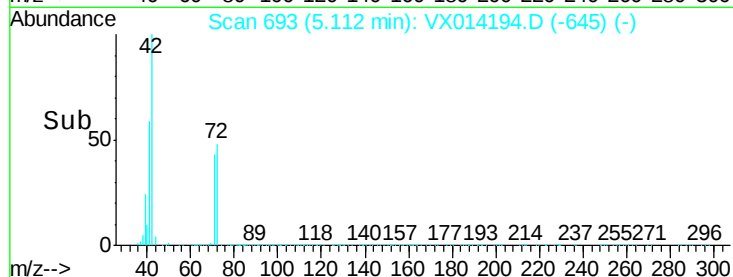
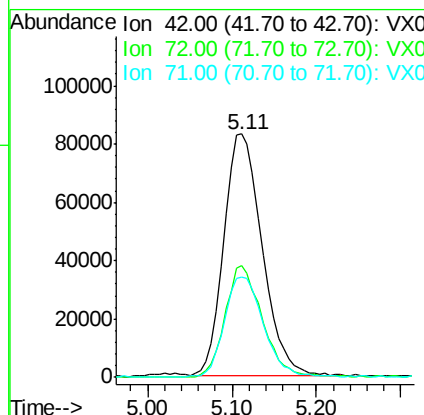
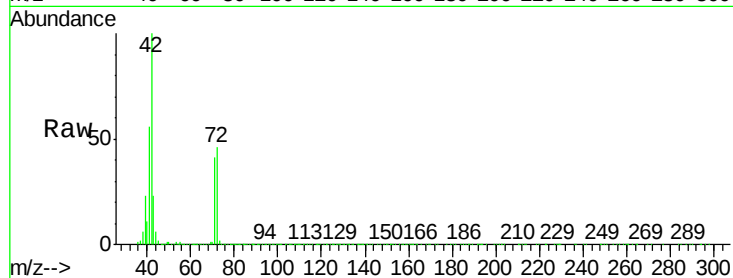
#29
Tetrahydrofuran
Concen: 97.575 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.8	53.8
71	41.8	33.6	50.4

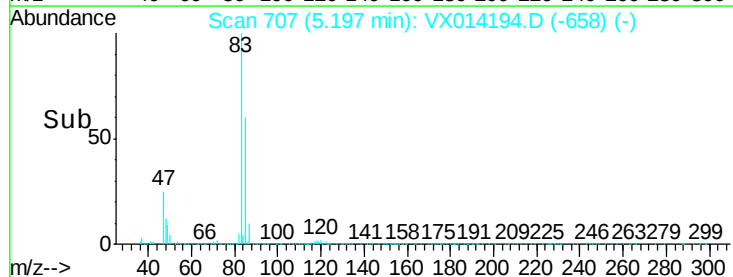
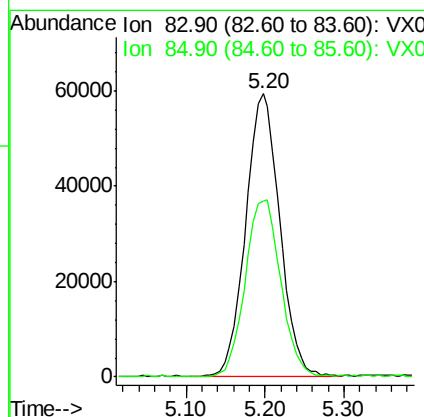
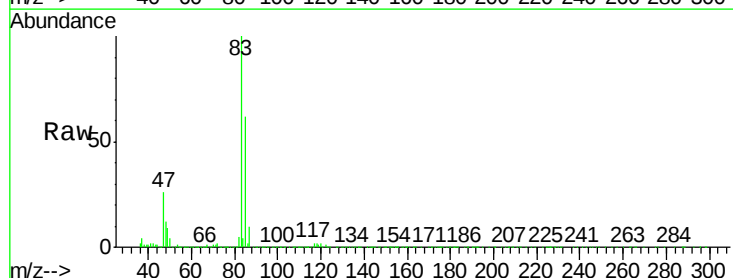
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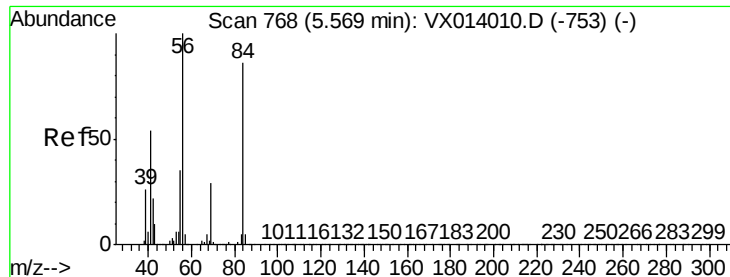
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#30
Chloroform
Concen: 18.814 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.8	76.2





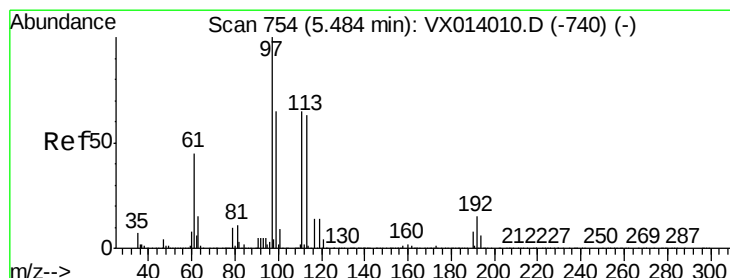
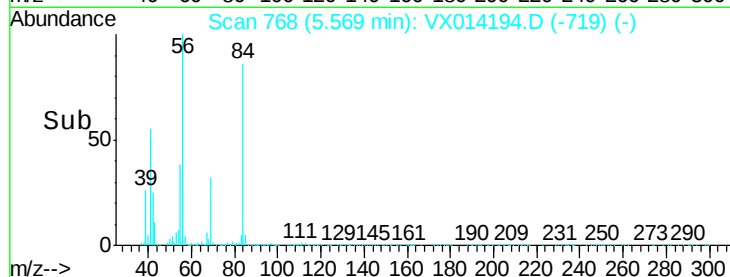
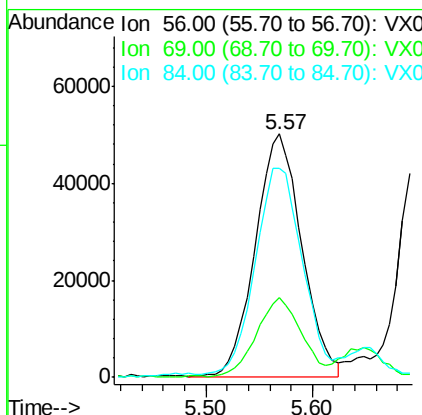
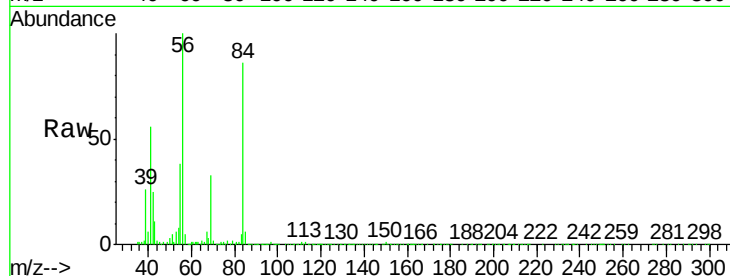
#31
Cyclohexane
Concen: 17.263 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.2	34.8
84	83.9	69.2	103.8

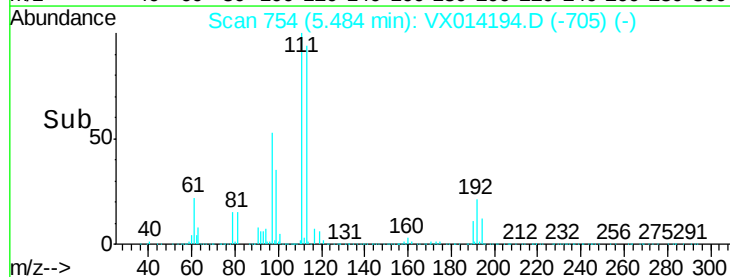
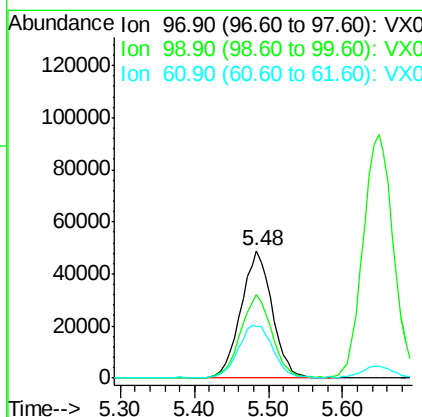
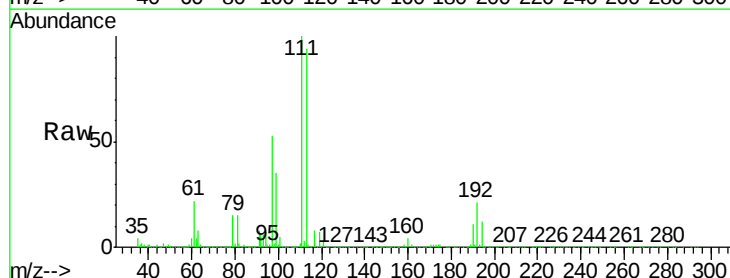
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#32
1,1,1-Trichloroethane
Concen: 17.791 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.0	78.0
61	45.7	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 51.730 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 65 Resp: 305404

Ion Ratio Lower Upper

65 100

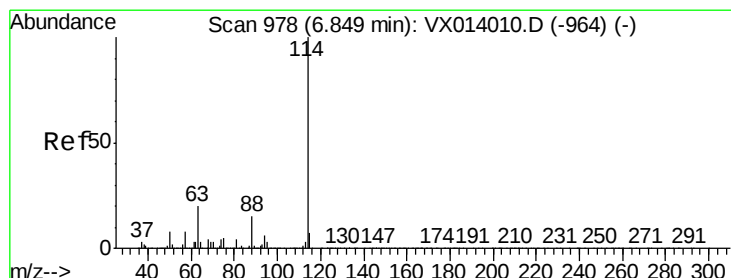
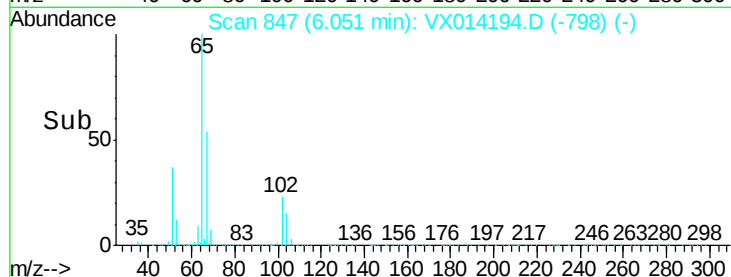
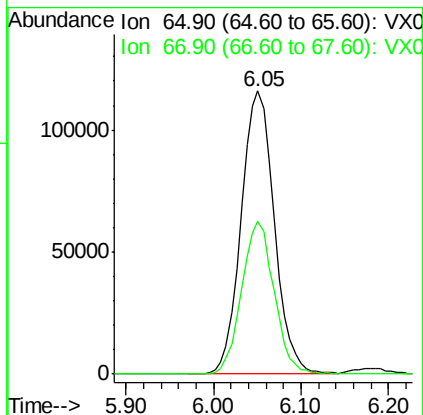
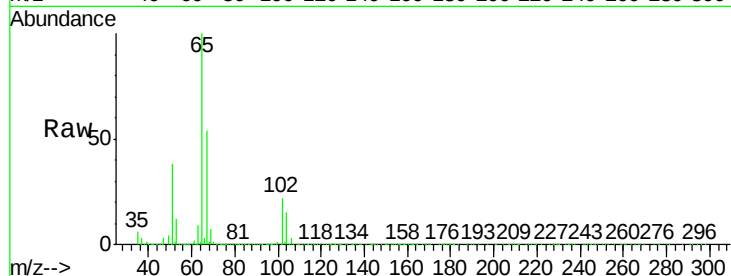
67 52.2 0.0 106.4

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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: VX014194.D

Acq: 23 Dec 2019 11:48

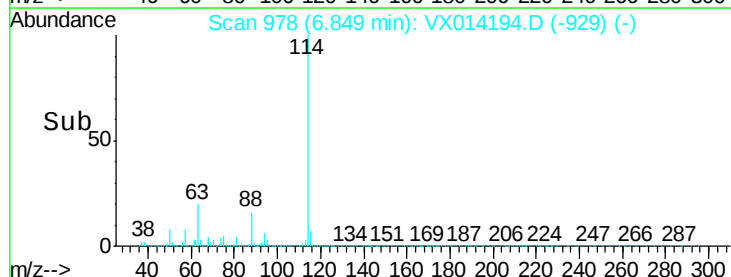
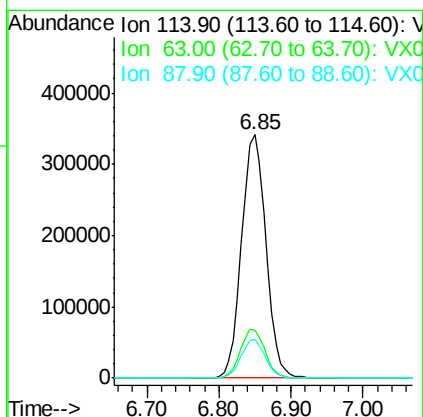
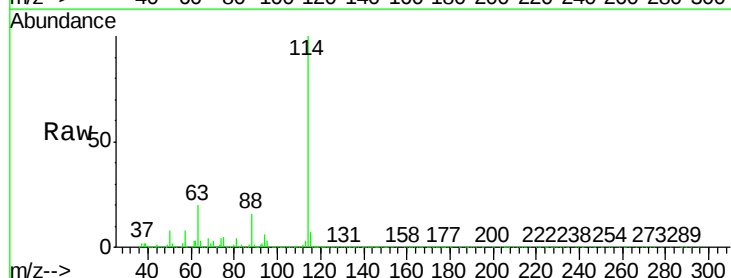
Tgt Ion: 114 Resp: 804560

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 15.7 0.0 30.4





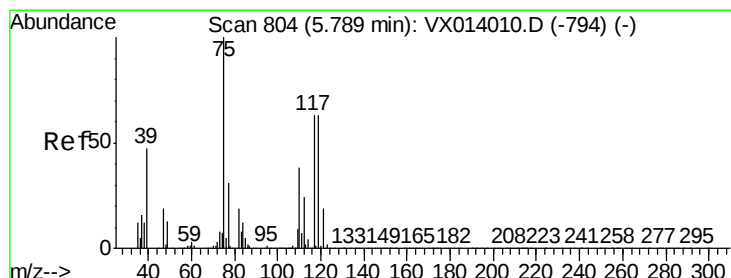
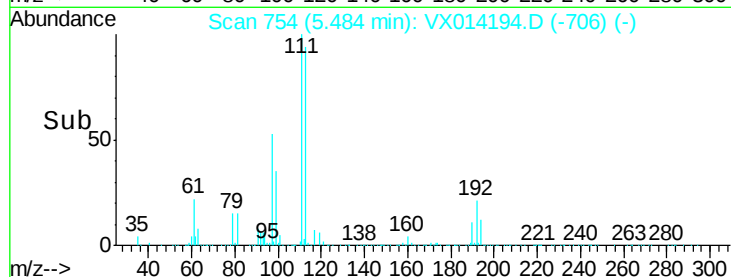
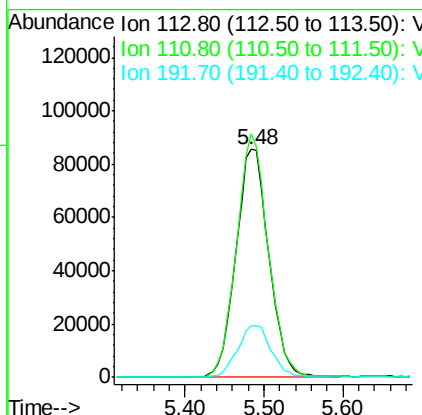
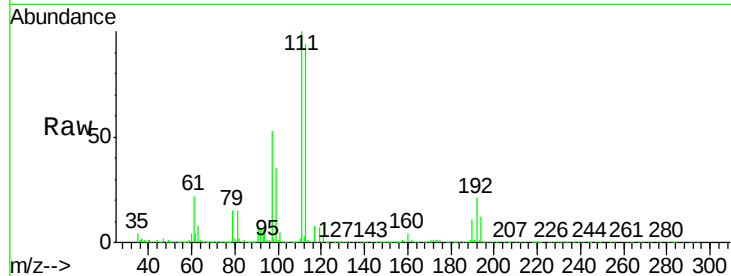
#35
 Dibromofluoromethane
 Concen: 50.821 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	248557		
111	102.8	82.0	123.0	
192	23.2	19.3	28.9	

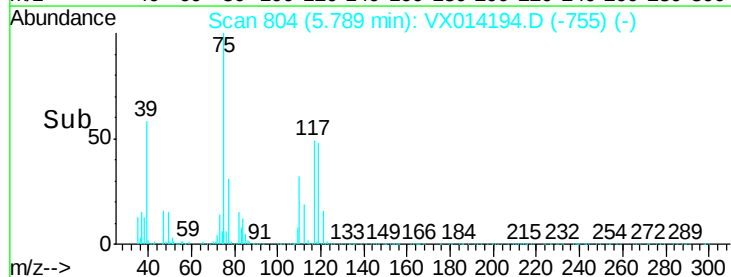
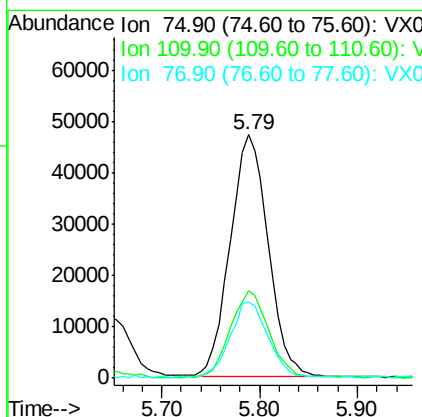
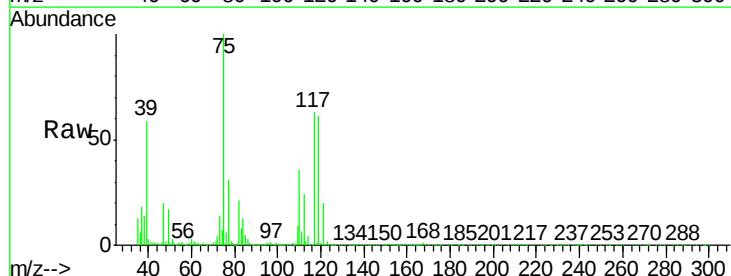
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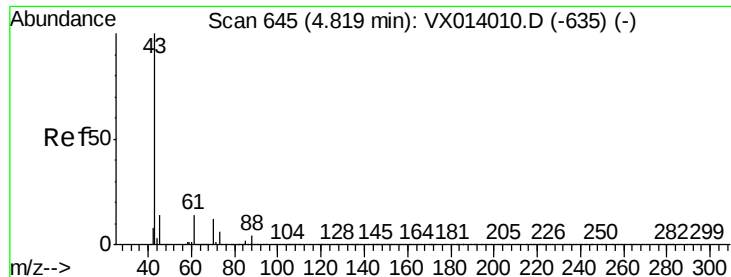
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#36
 1,1-Dichloropropene
 Concen: 17.246 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127312		
110	36.8	18.3	54.9	
77	31.1	24.8	37.2	





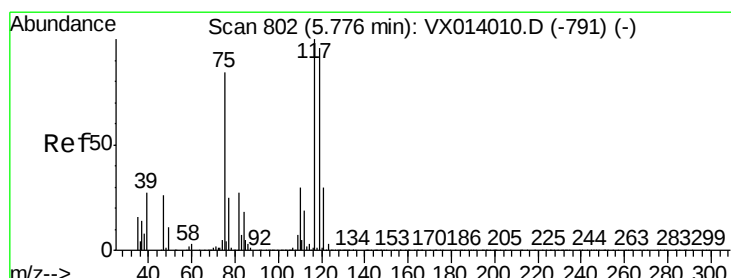
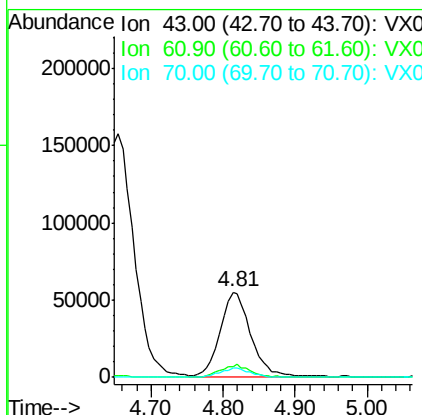
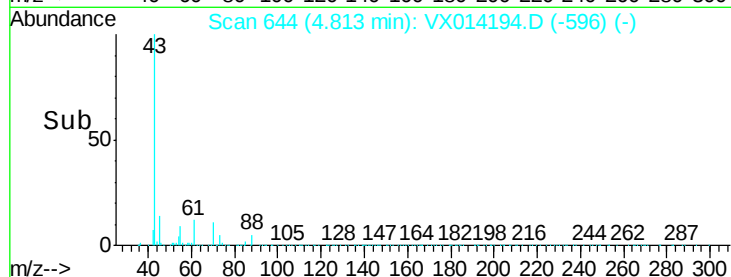
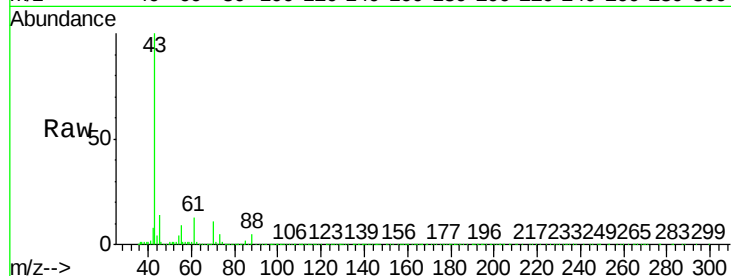
#37
Ethyl Acetate
Concen: 19.586 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	43	Resp	159668
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	10.8	8.6	12.8

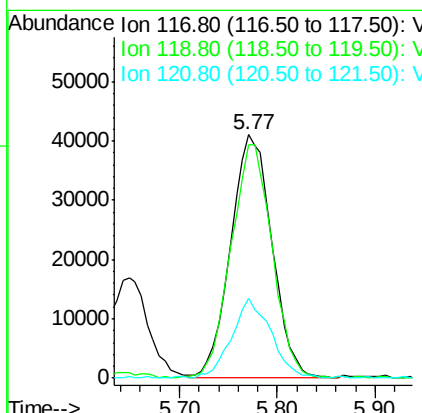
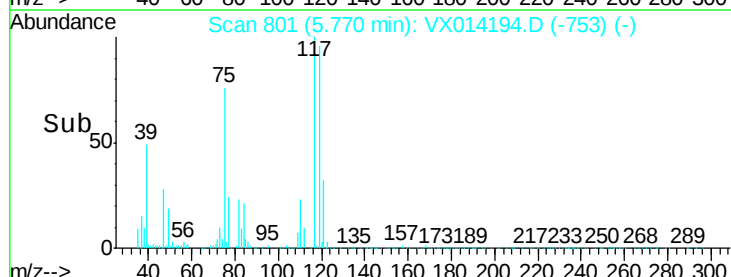
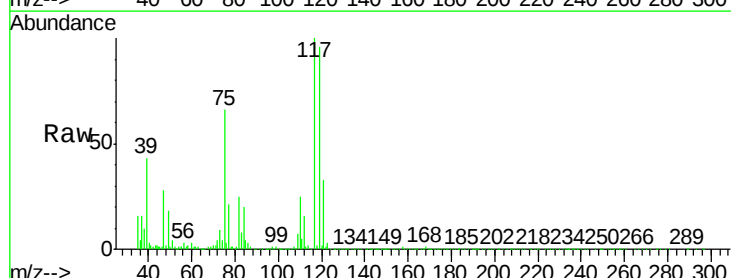
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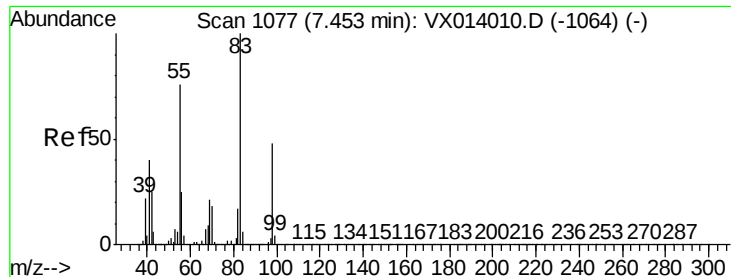
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#38
Carbon Tetrachloride
Concen: 17.787 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	117	Resp	119620
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.2	114.4
121	32.3	23.6	35.4





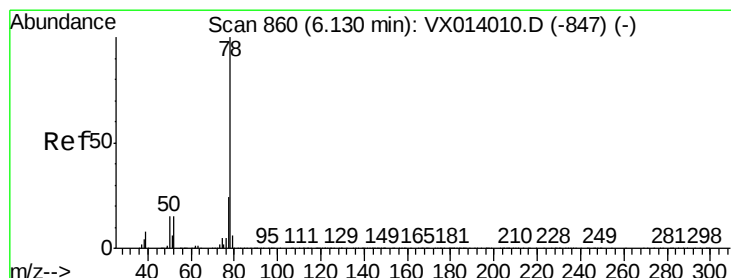
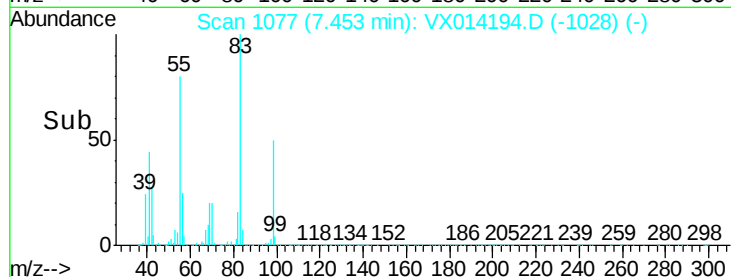
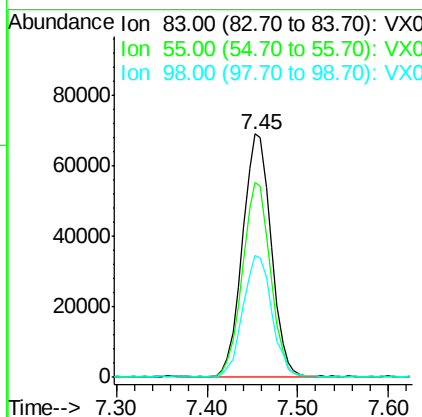
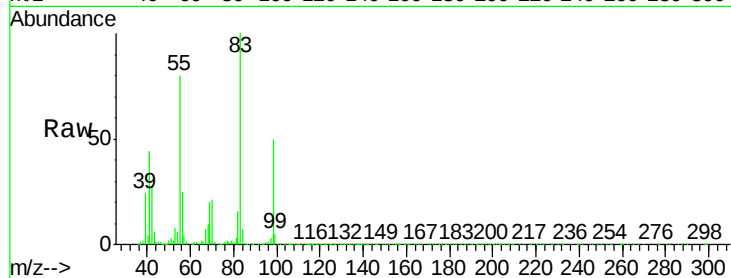
#39
Methvlcvclohexane
Concen: 16.697 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152196		
55	79.4	61.0	91.6	
98	50.1	38.6	57.8	

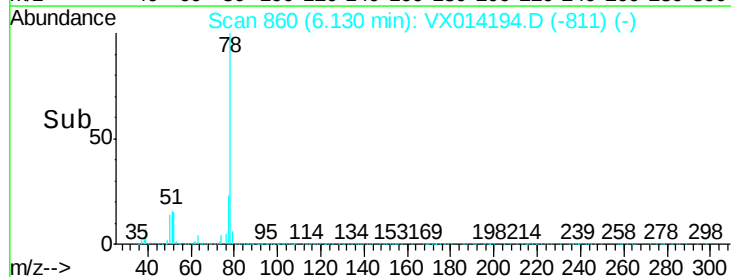
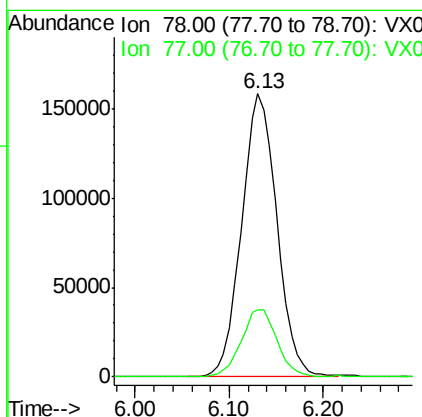
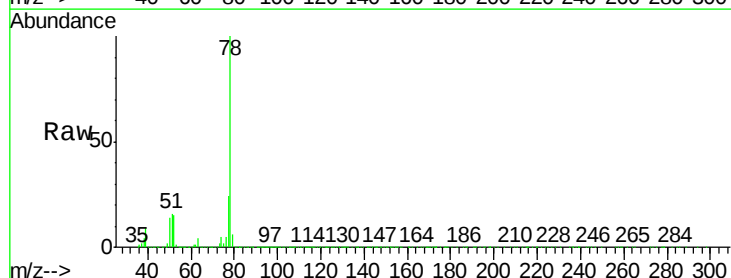
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#40
Benzene
Concen: 18.113 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	411429		
77	23.7	18.8	28.2	





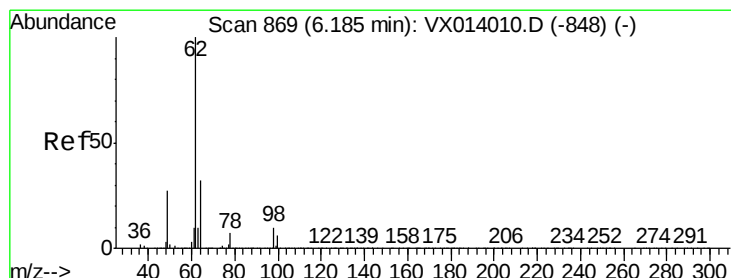
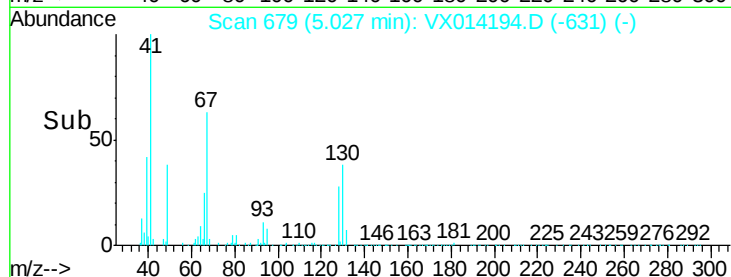
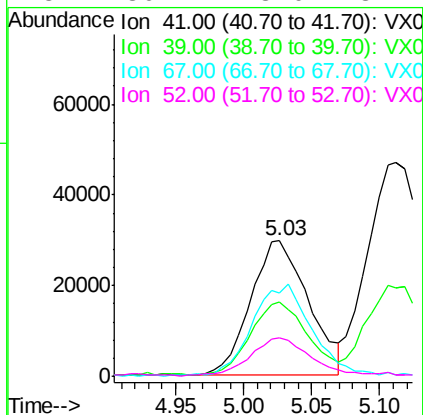
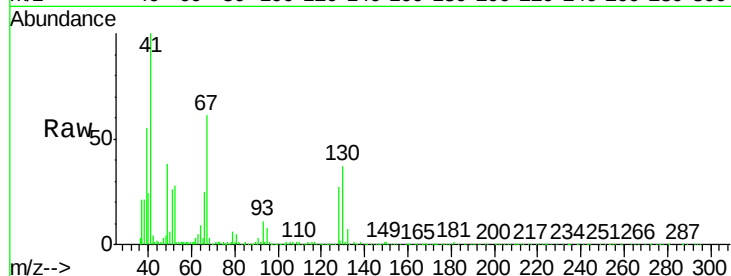
#41
Methacrylonitrile
Concen: 19.316 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		87372		
39	54.1	44.5	66.7		
67	72.3	57.4	86.0		
52	30.4	23.0	34.4		

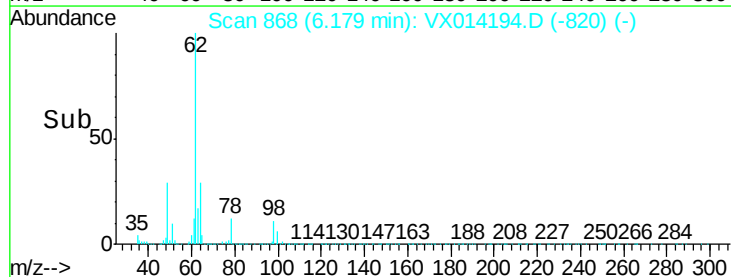
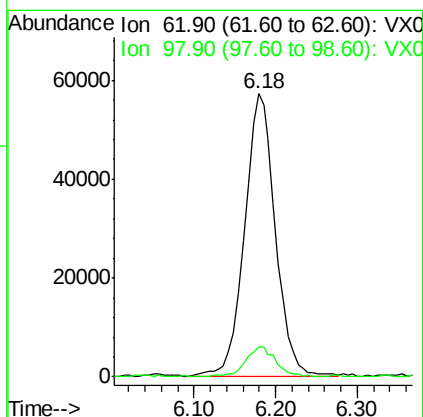
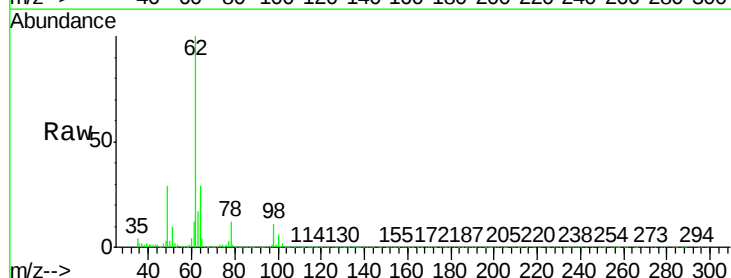
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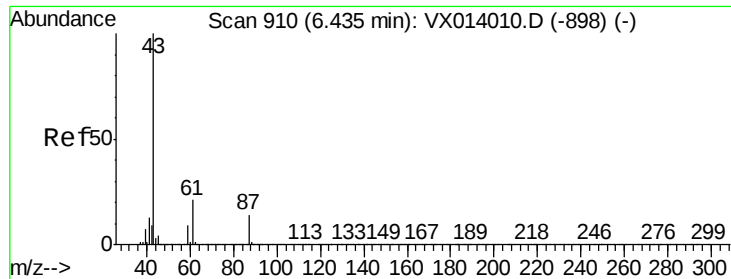
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#42
1,2-Dichloroethane
Concen: 19.356 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		149032		
98	10.9	0.0	21.0		





#43

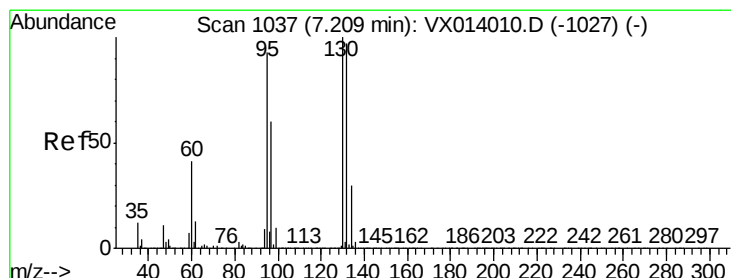
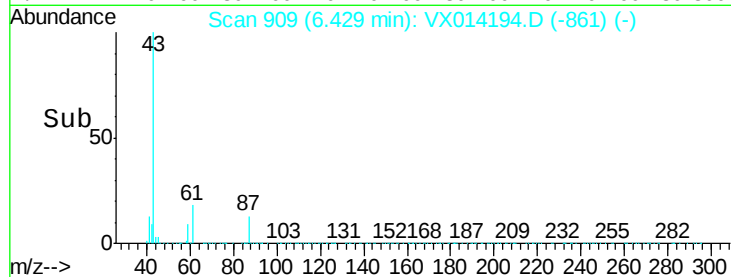
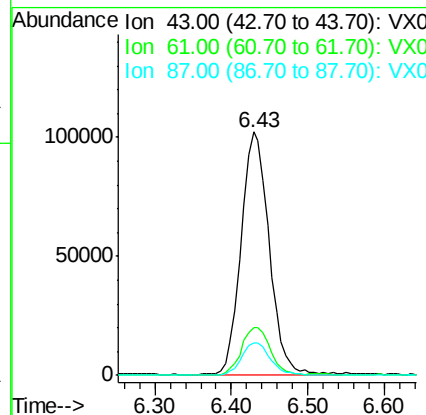
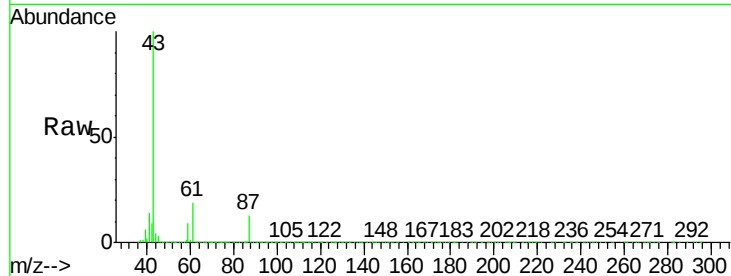
Isopropyl Acetate
 Concen: 19.131 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.9	10.7	16.1

Manual Integrations
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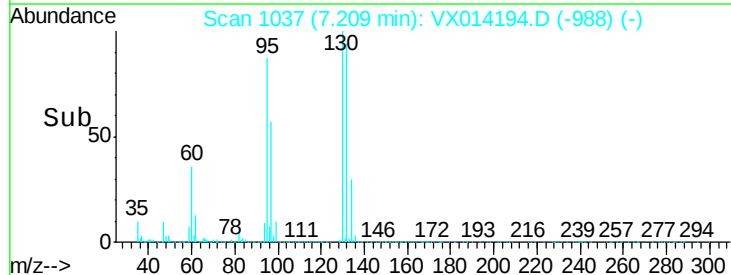
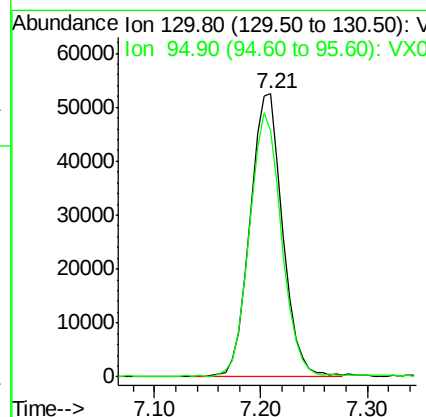
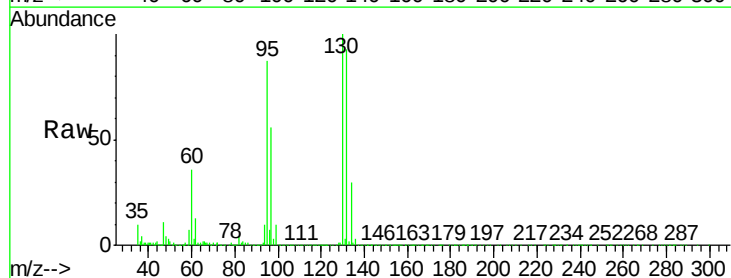
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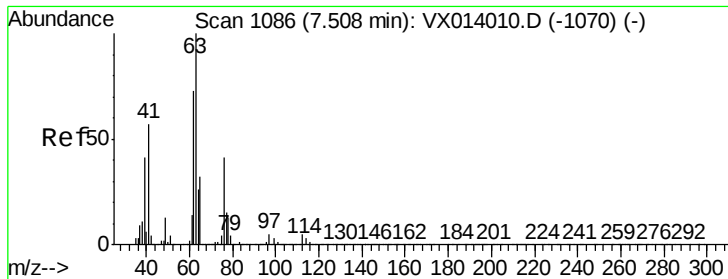


#44

Trichloroethene
 Concen: 18.007 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.6	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.638 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 63 Resp: 108510

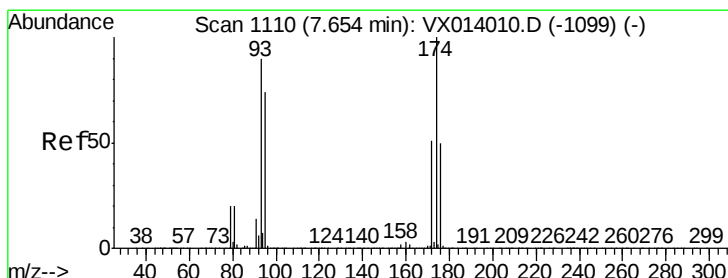
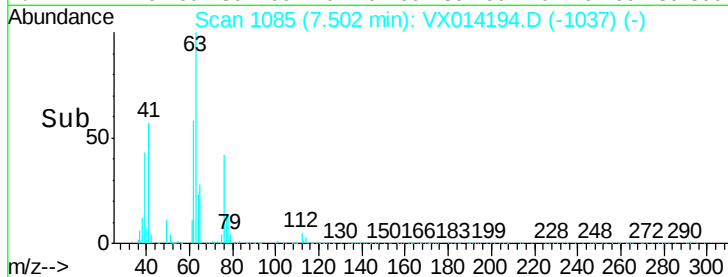
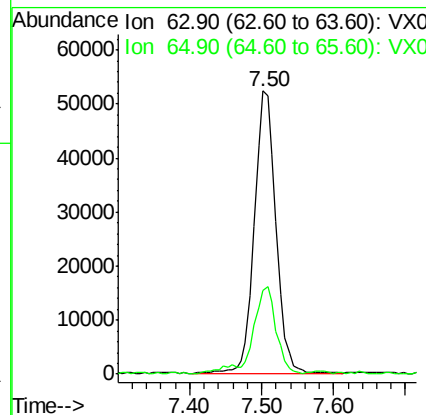
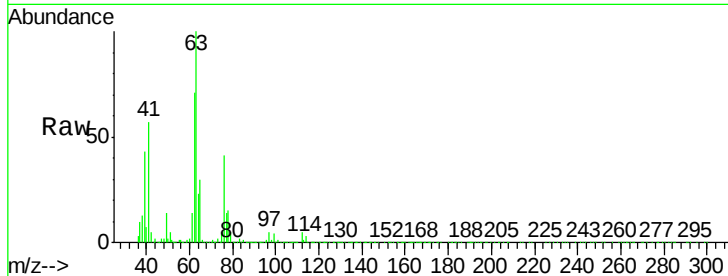
Ion Ratio Lower Upper

63 100

65 29.2 25.8 38.8

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#46

Dibromomethane

Concen: 18.312 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

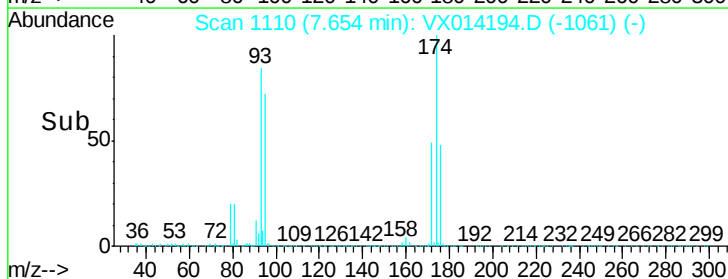
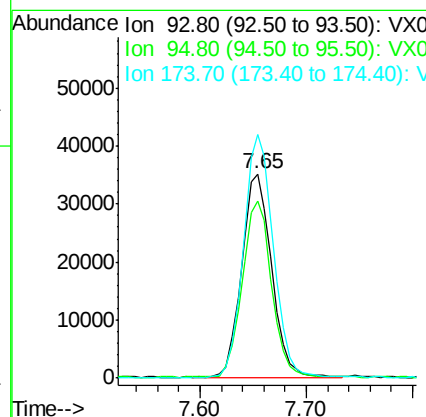
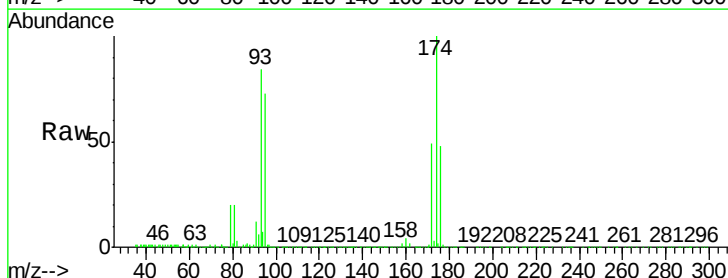
Tgt Ion: 93 Resp: 70484

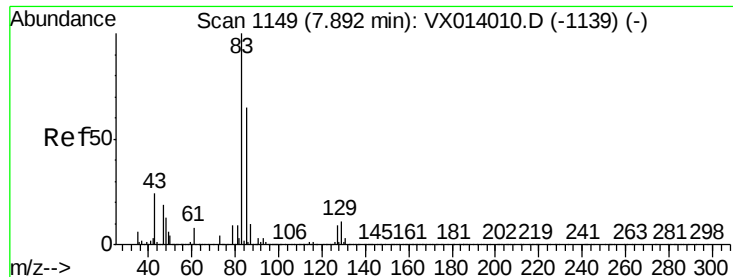
Ion Ratio Lower Upper

93 100

95 83.6 67.3 100.9

174 117.8 91.6 137.4





#47

Bromodichloromethane

Concen: 18.859 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

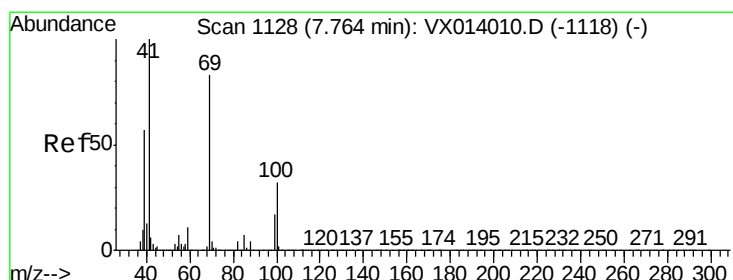
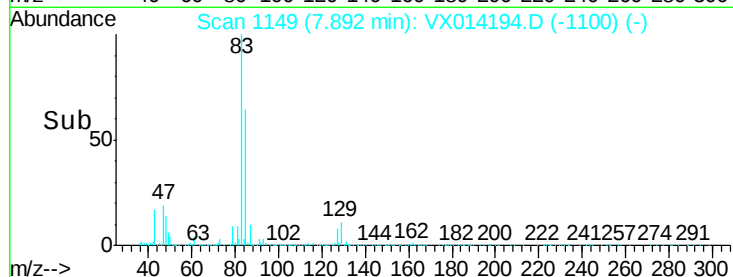
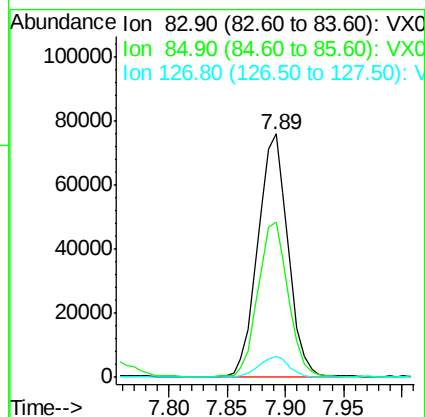
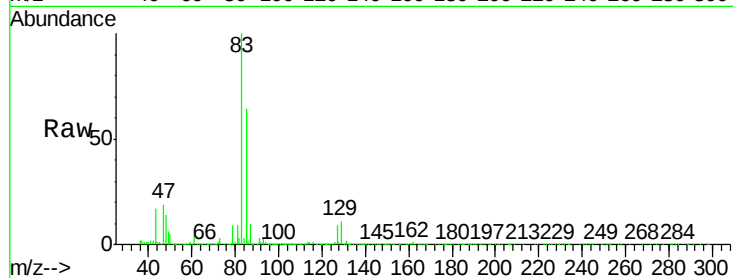
ClientSampleId :

VX1223WBS01

Tot Ion:	83	Resp:	136712
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.8	77.8
127	8.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.951 ug/l

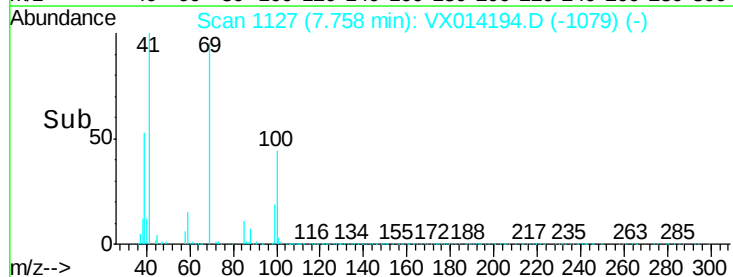
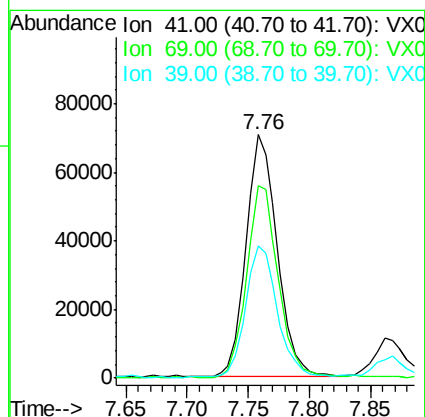
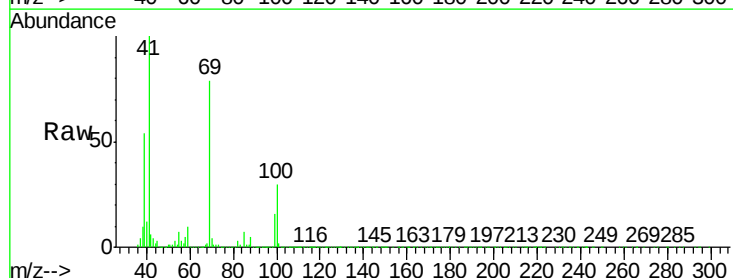
RT: 7.76 min Scan# 1127

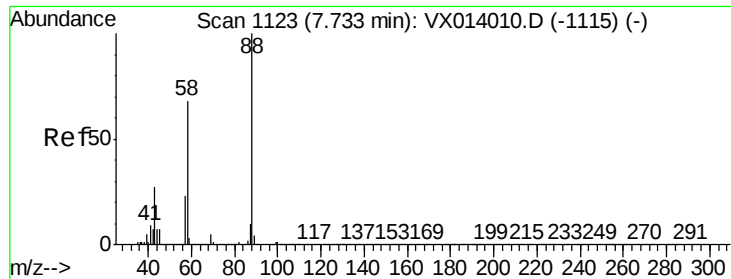
Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	41	Resp:	125198
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.8	98.6
39	55.5	44.6	67.0





#49

1,4-Dioxane

Concen: 382.867 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

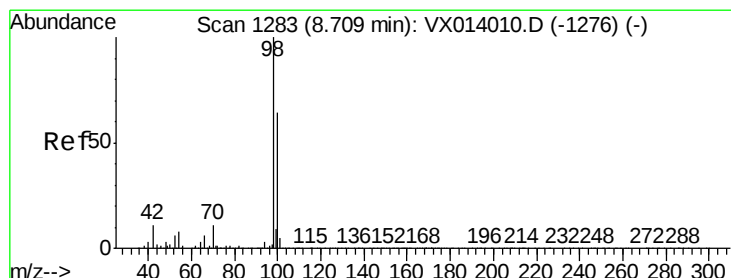
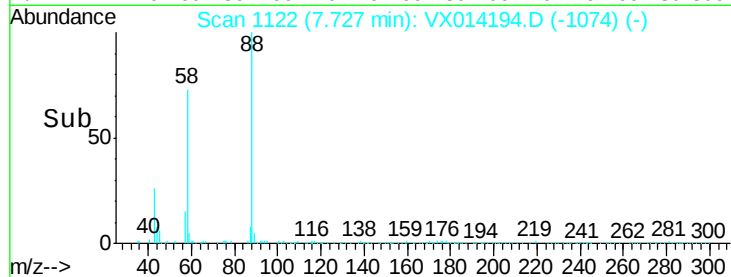
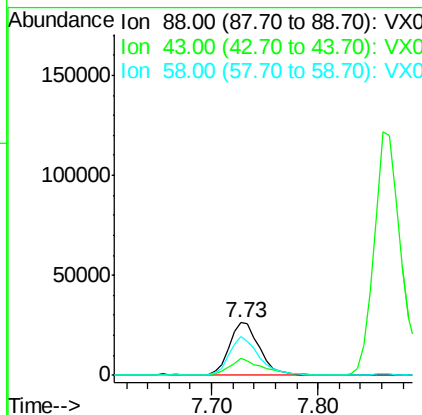
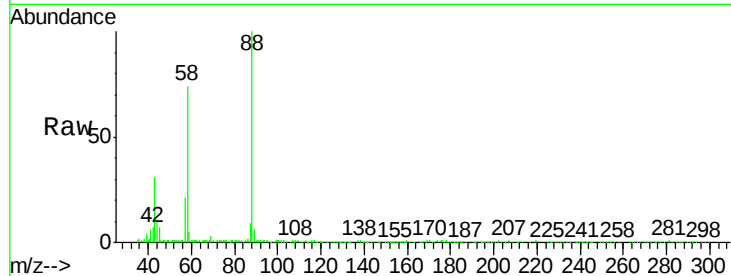
ClientSampleId :

VX1223WBS01

Tot Ion:	88	Resp:	51473
Ion Ratio	Lower	Upper	
88	100		
43	37.3	26.5	39.7
58	70.1	56.8	85.2

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#50

Toluene-d8

Concen: 49.511 ug/l

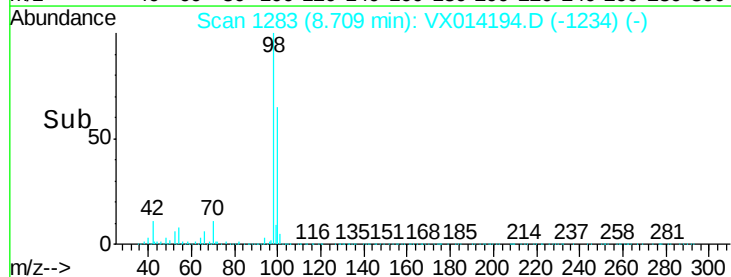
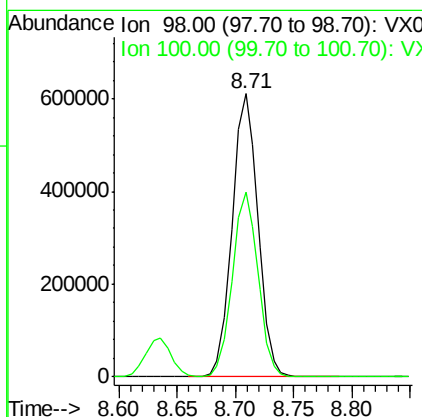
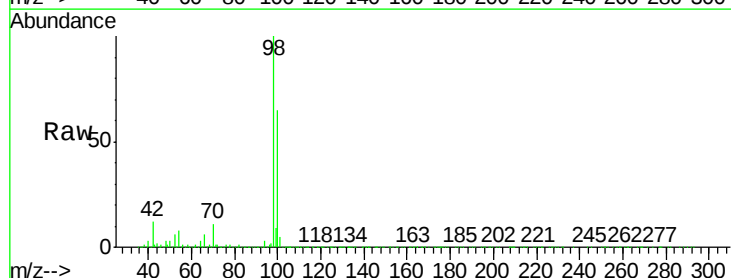
RT: 8.71 min Scan# 1283

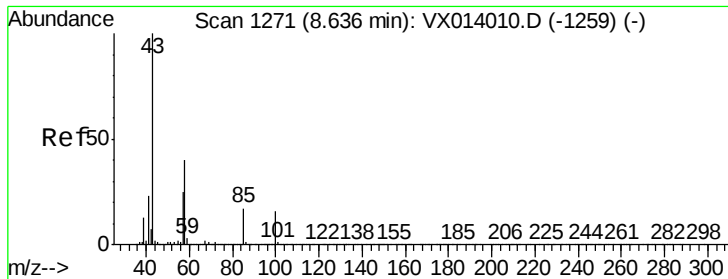
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	98	Resp:	942756
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 95.566 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 43 Resp: 809714

Ion Ratio Lower Upper

43 100

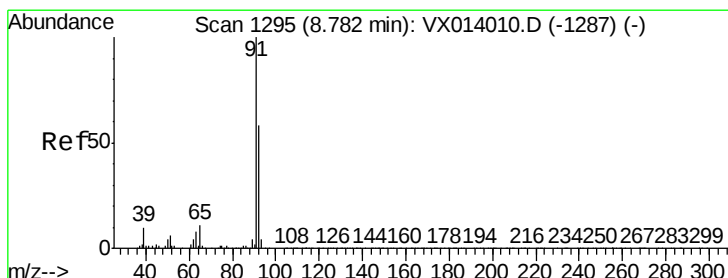
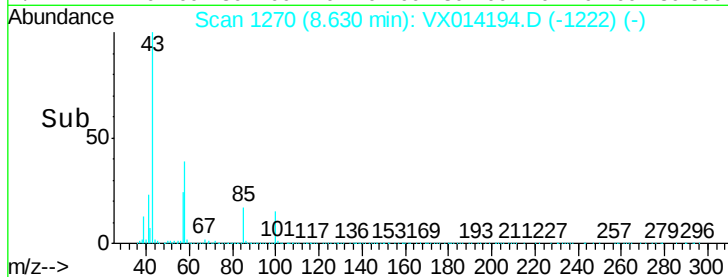
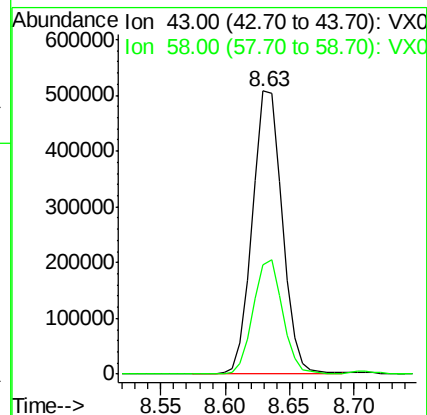
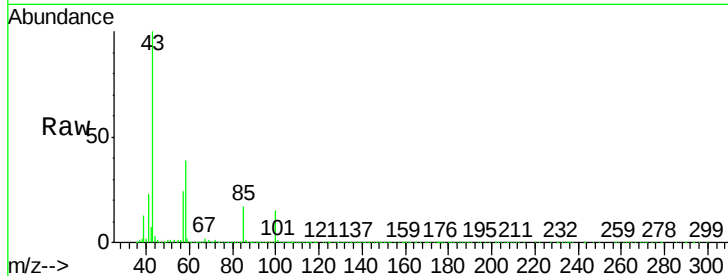
58 39.7 32.2 48.2

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#52

Toluene

Concen: 17.775 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014194.D

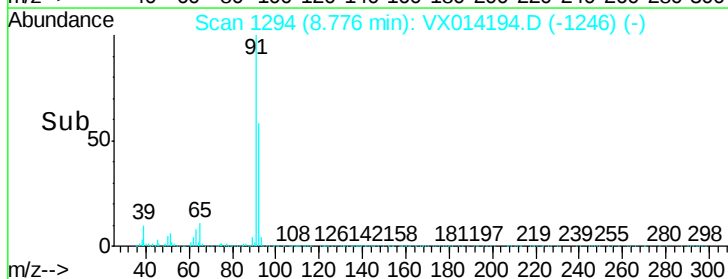
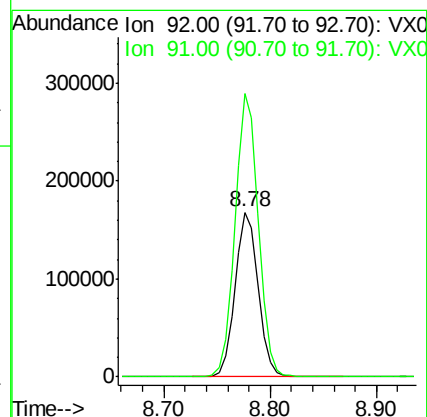
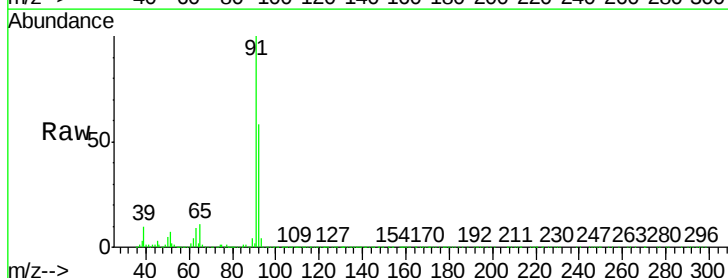
Acq: 23 Dec 2019 11:48

Tgt Ion: 92 Resp: 255197

Ion Ratio Lower Upper

92 100

91 173.2 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 19.196 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 75 Resp: 152585

Ion Ratio Lower Upper

75 100

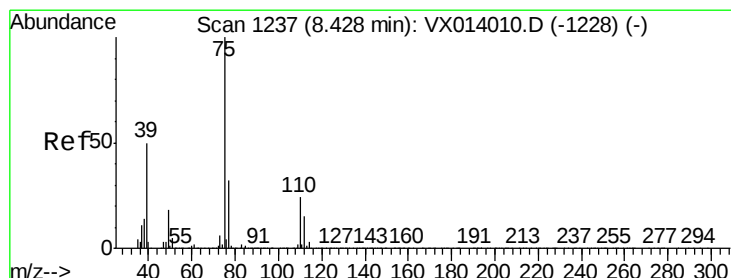
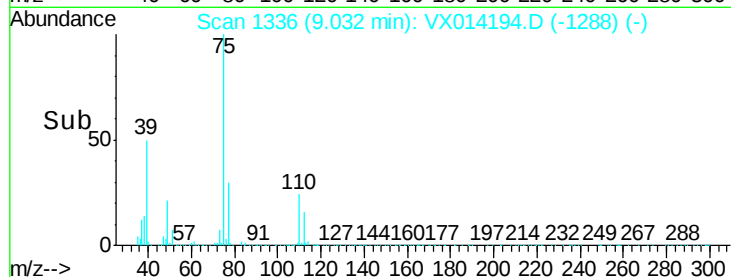
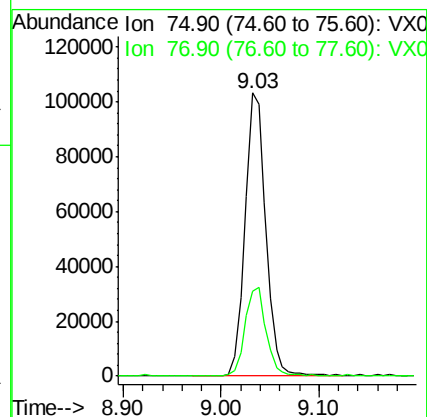
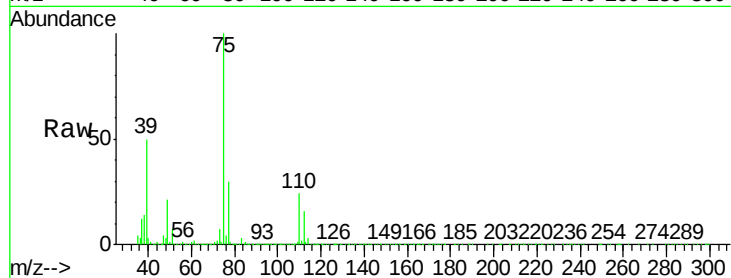
77 29.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 19.310 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

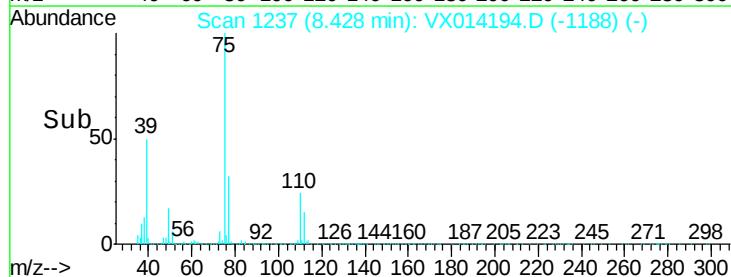
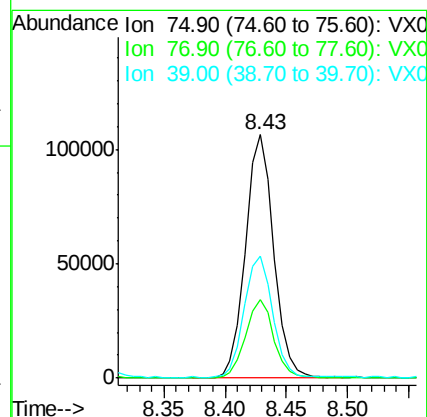
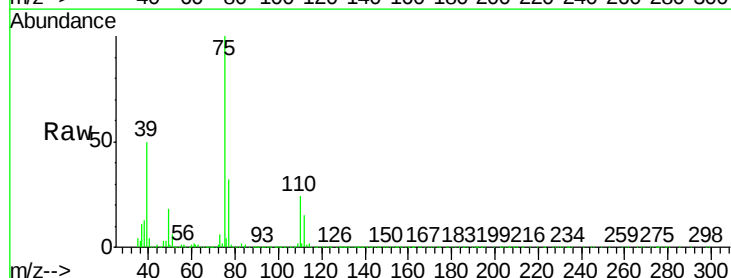
Tgt Ion: 75 Resp: 171000

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 49.9 39.9 59.9





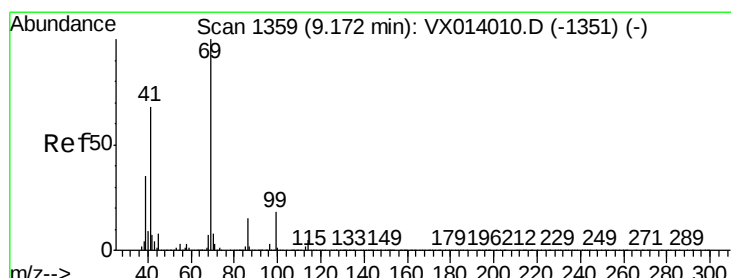
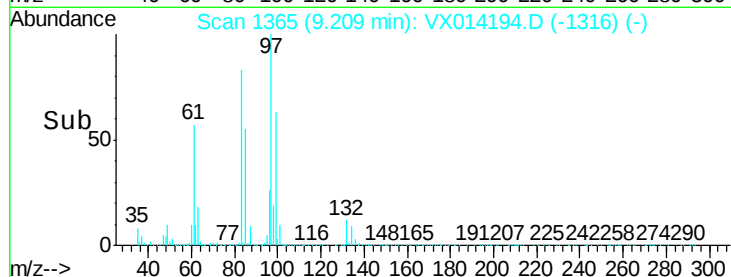
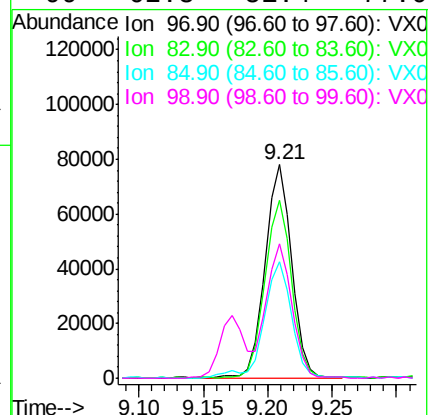
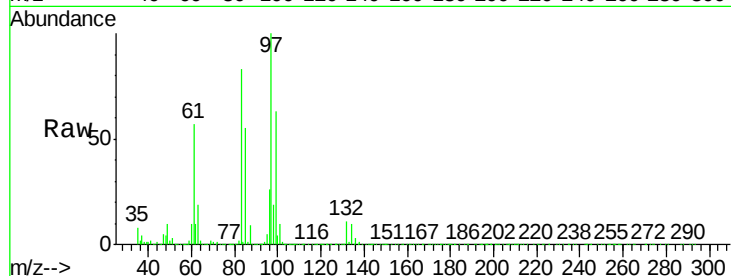
#55
 1,1,2-Trichloroethane
 Concen: 19.228 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110641		
83	83.0	68.2	102.4		
85	54.5	44.6	66.8		
99	62.8	51.4	77.0		

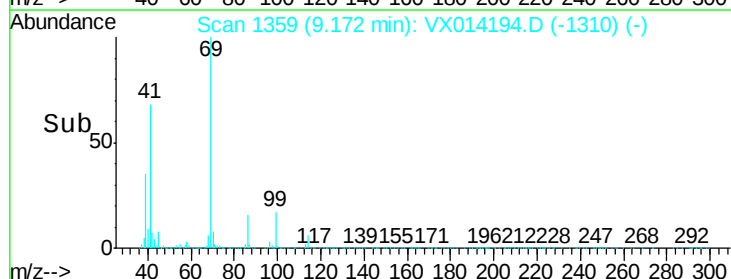
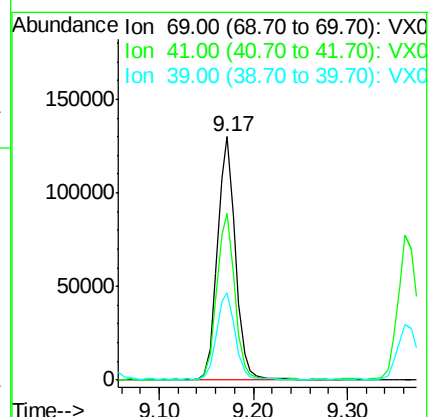
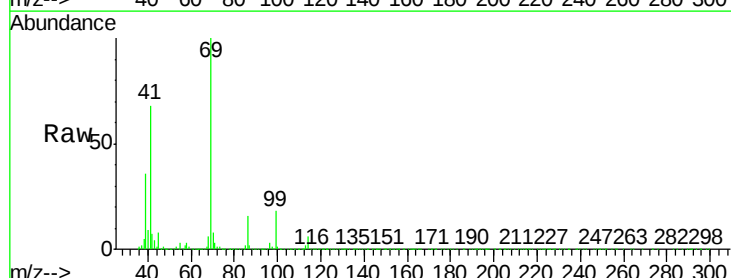
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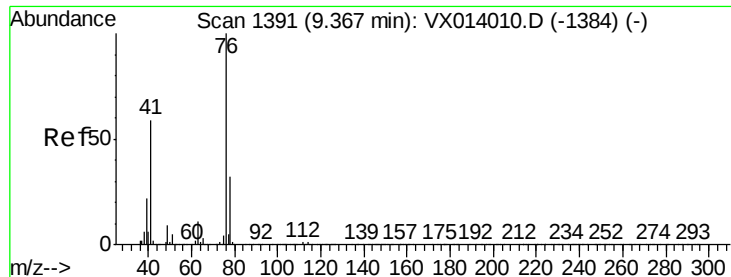
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#56
 Ethyl methacrylate
 Concen: 19.024 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		171951		
41	67.9	54.8	82.2		
39	36.6	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.245 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

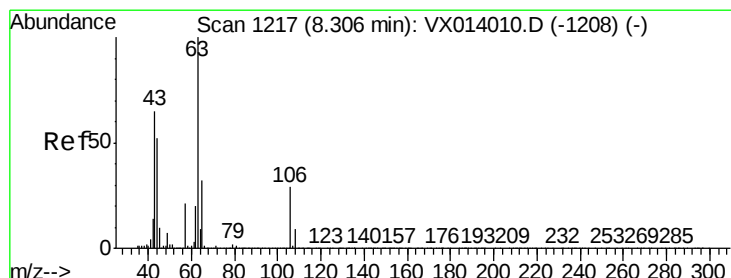
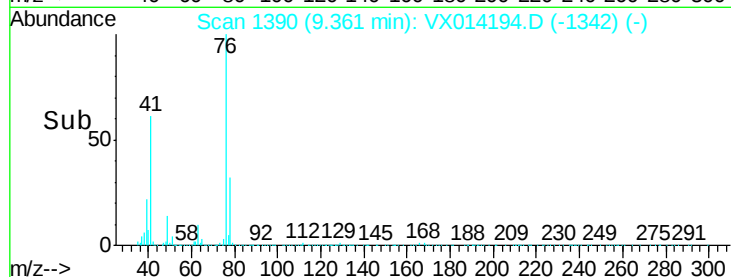
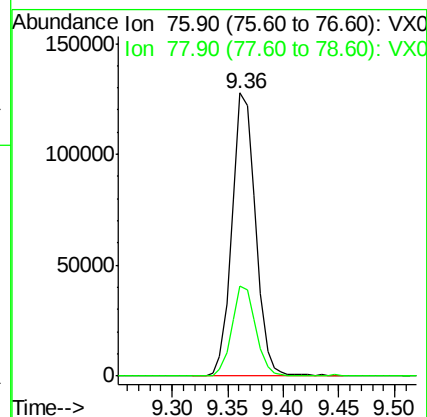
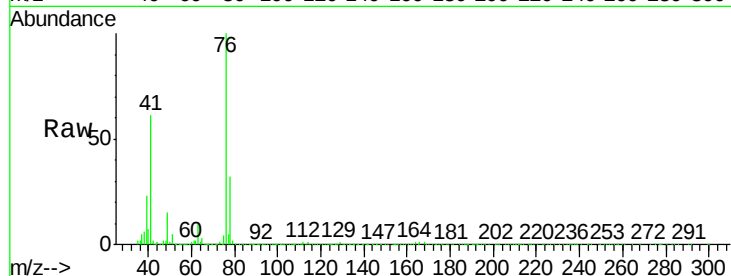
ClientSampleId :

VX1223WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 95.497 ug/l

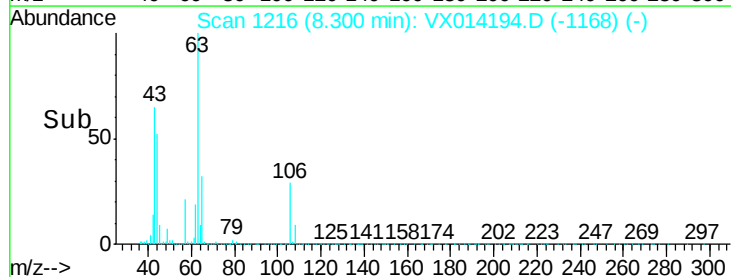
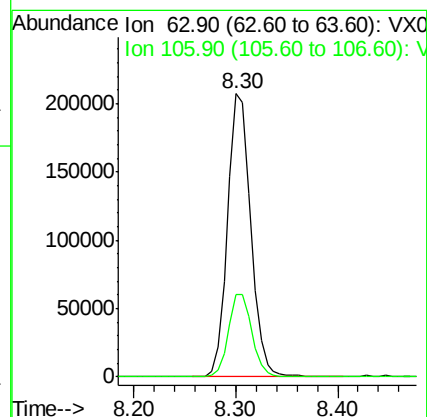
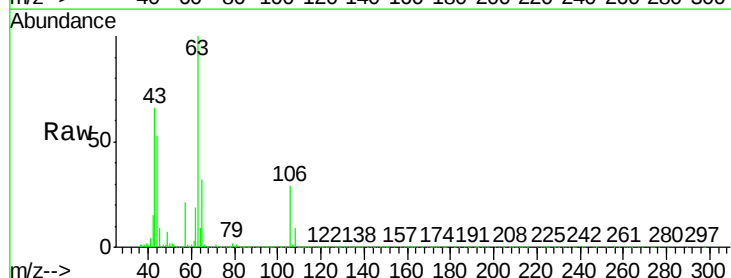
RT: 8.30 min Scan# 1216

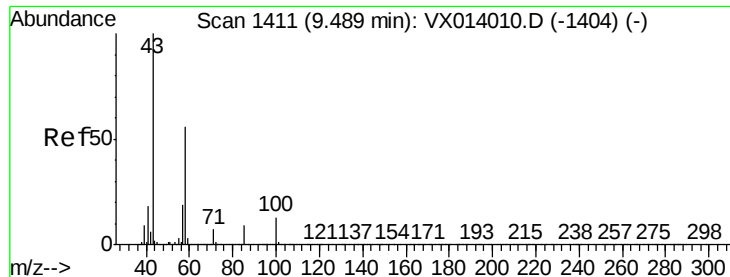
Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	23.0	34.6





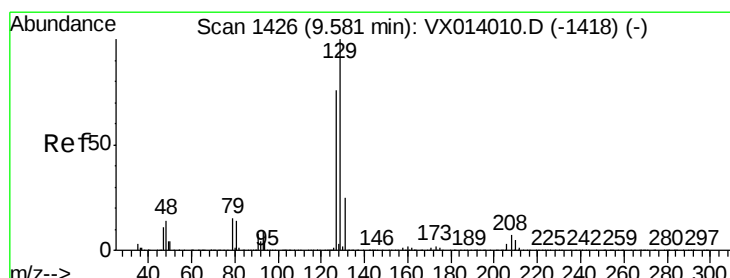
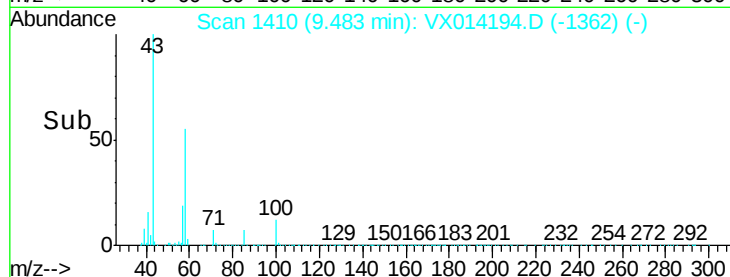
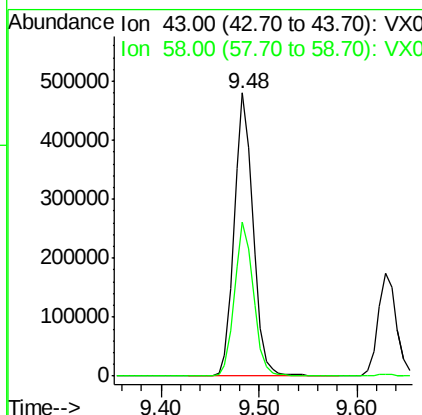
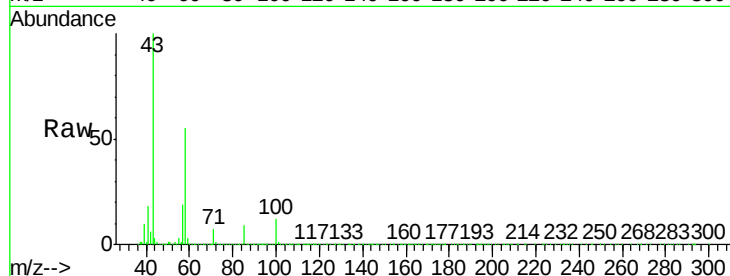
#59
2-Hexanone
Concen: 94.177 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion: 43 Resp: 642346
Ion Ratio Lower Upper
43 100
58 54.7 28.0 84.0

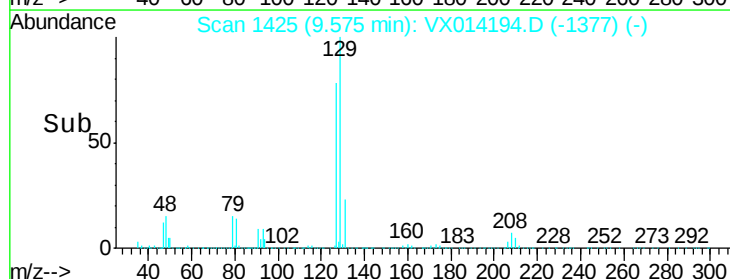
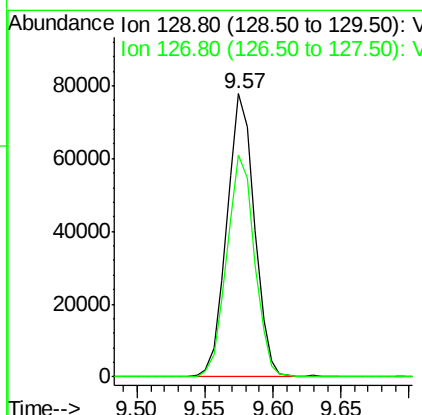
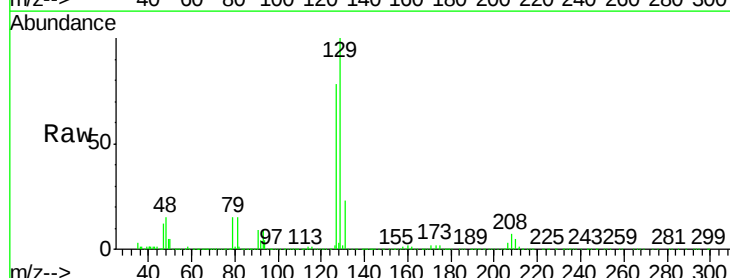
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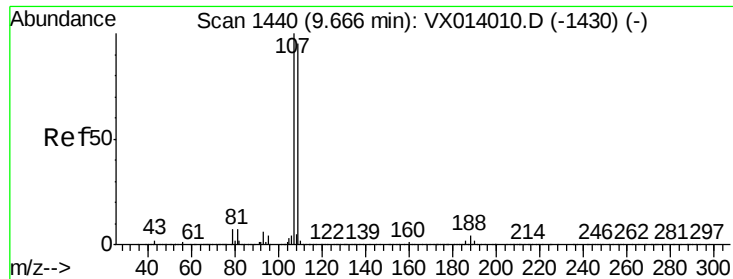
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#60
Dibromochloromethane
Concen: 19.188 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 129 Resp: 109748
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.066 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 107 Resp: 112249

Ion Ratio Lower Upper

107 100

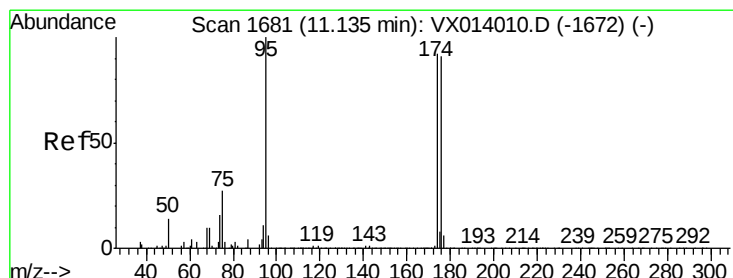
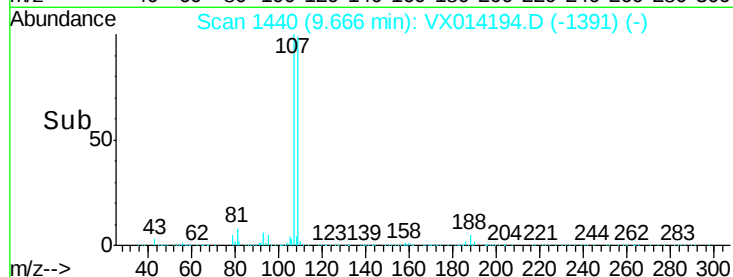
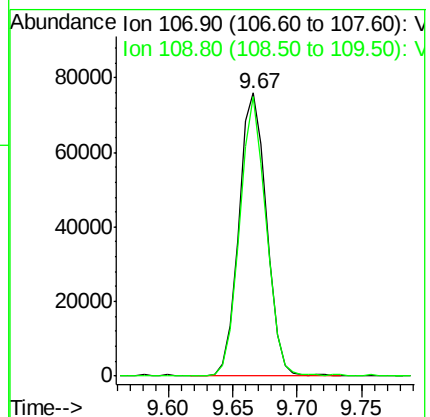
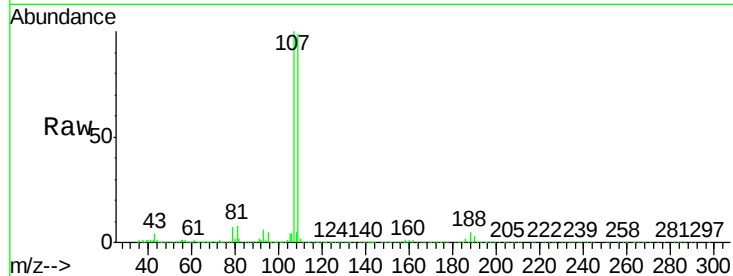
109 94.6 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.627 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

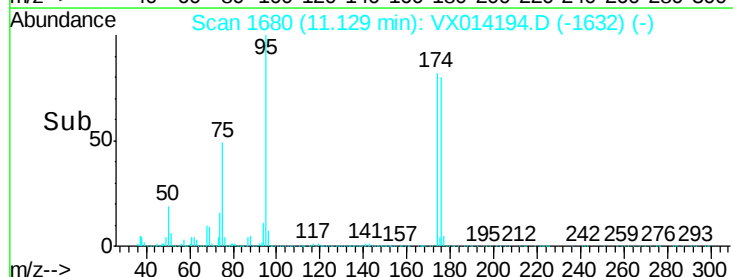
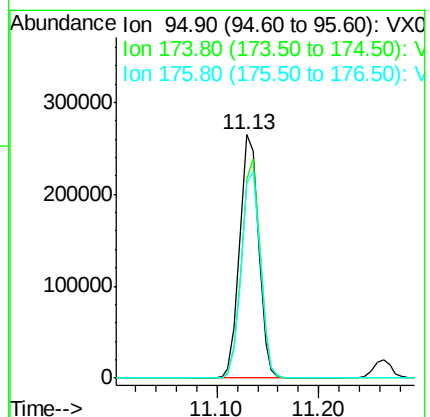
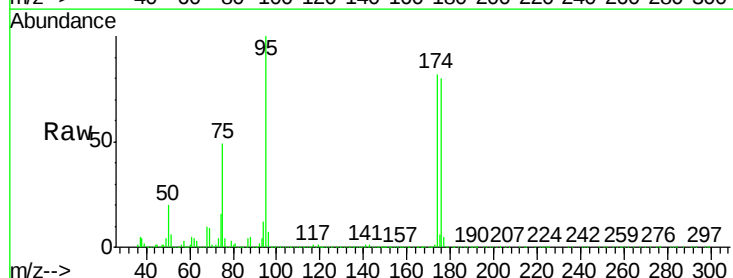
Tgt Ion: 95 Resp: 338461

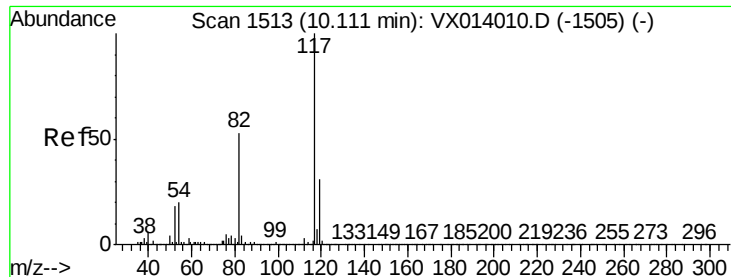
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

176 85.2 0.0 173.0





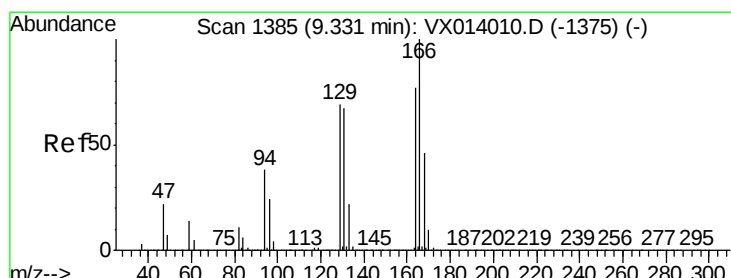
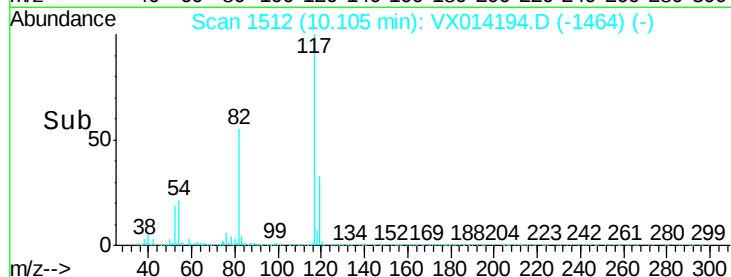
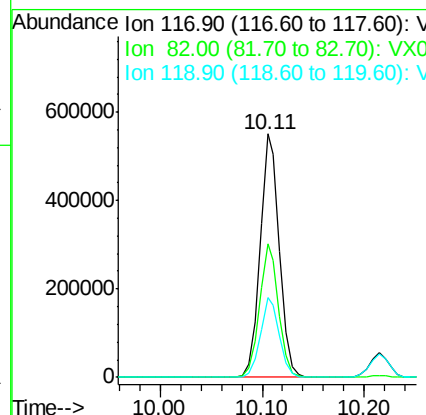
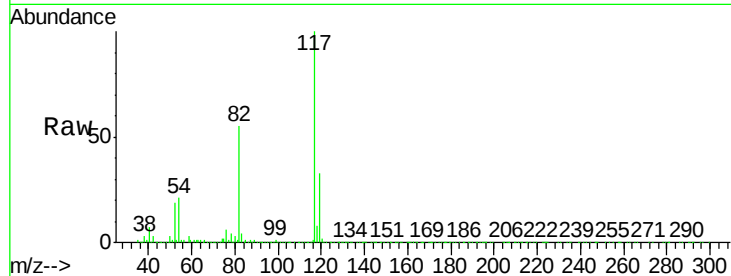
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.0	42.2	63.4
119	32.7	25.1	37.7

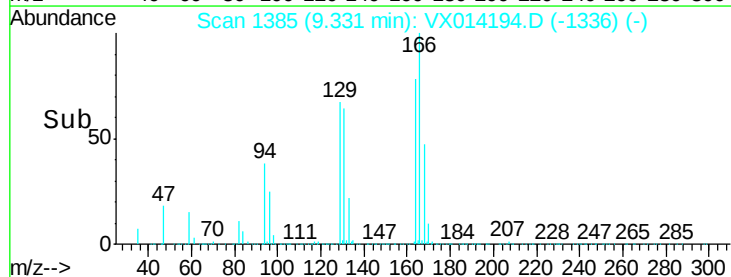
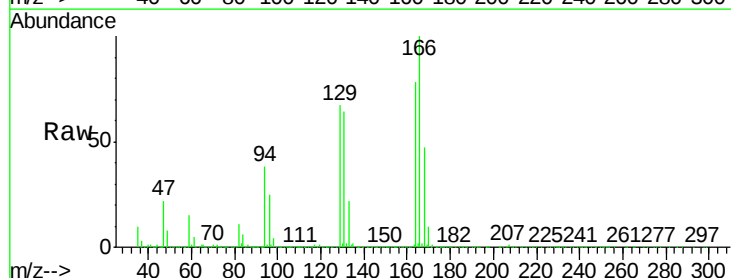
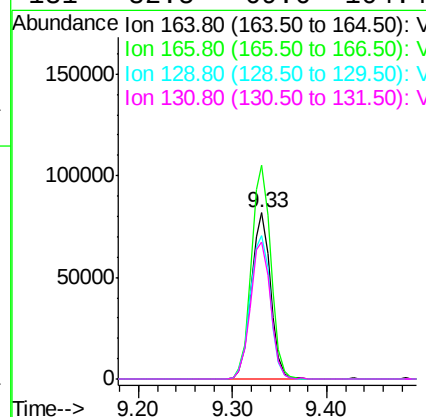
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#64
Tetrachloroethene
Concen: 18.236 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.7	104.0	156.0
129	86.7	72.2	108.4
131	82.5	69.6	104.4





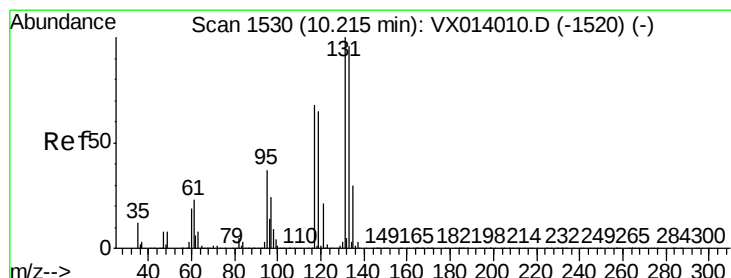
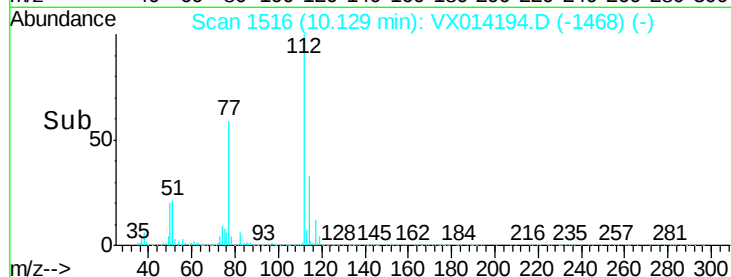
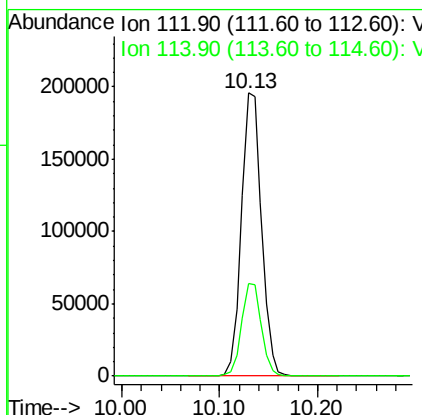
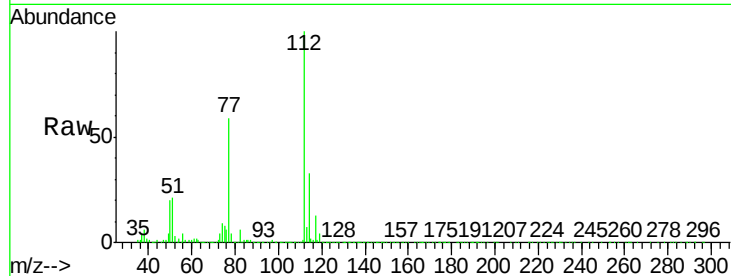
#65
Chlorobenzene
Concen: 18.083 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	24.9	37.3

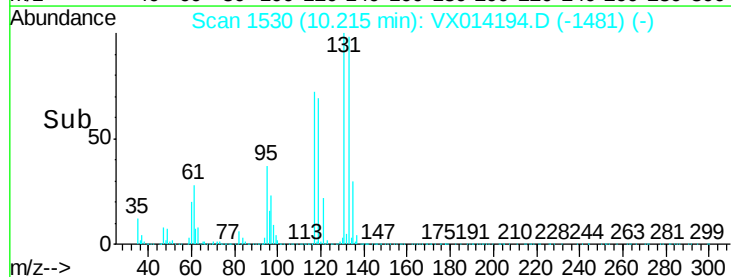
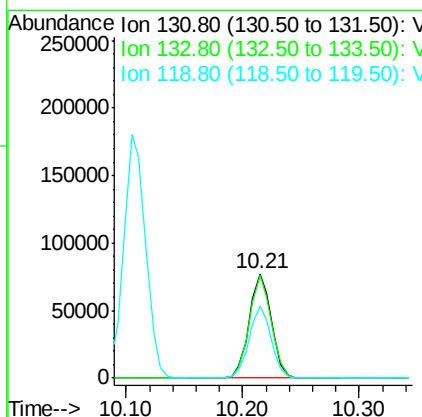
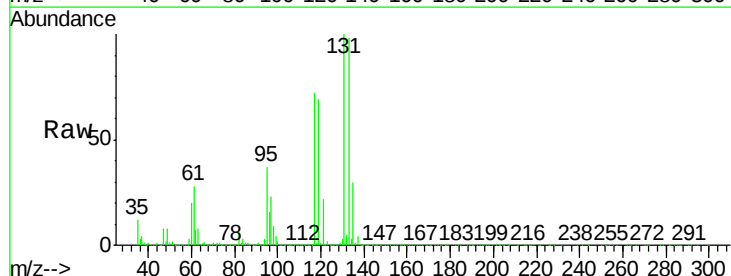
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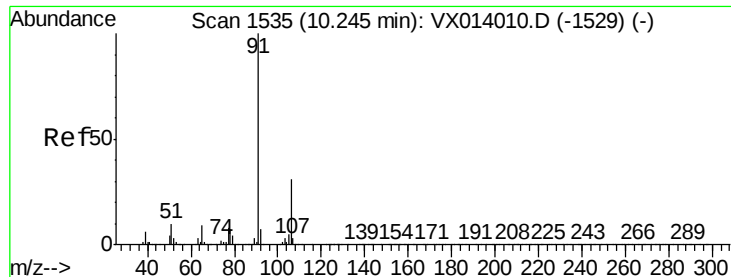
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.694 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.0	144.0
119	67.4	33.4	100.2





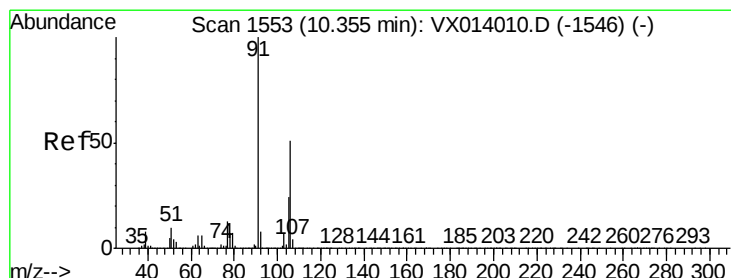
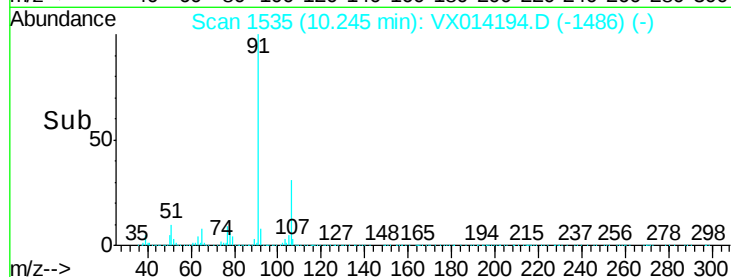
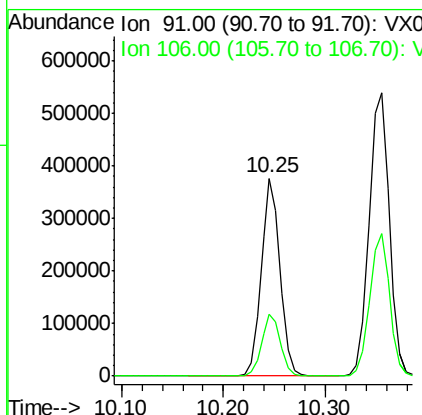
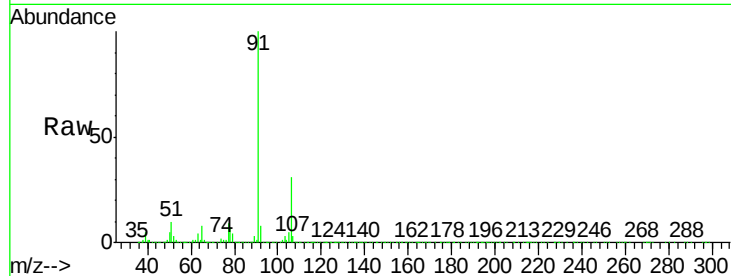
#67
Ethyl Benzene
Concen: 18.246 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion: 91 Resp: 485780
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

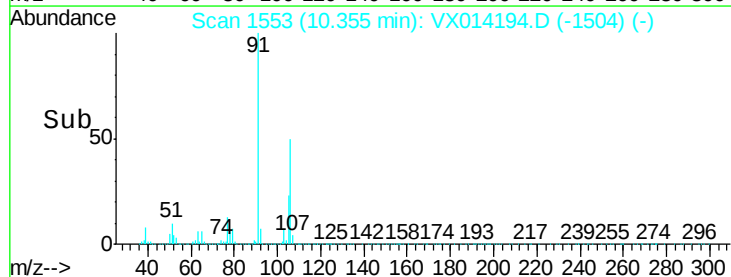
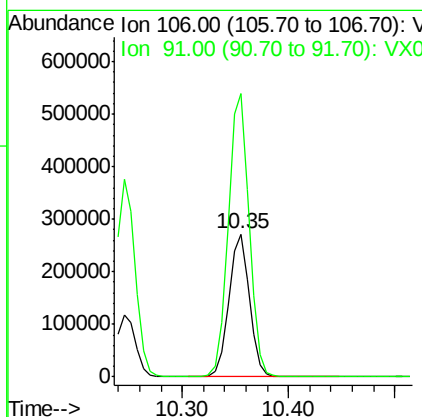
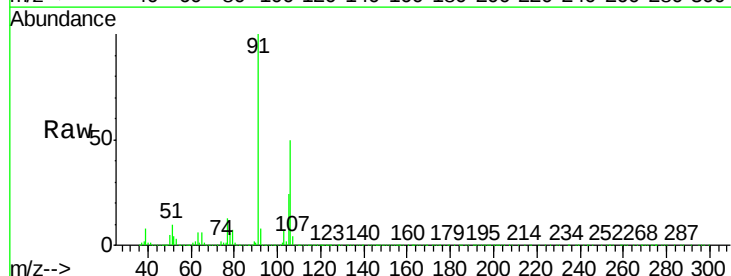
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#68
m/p-Xylenes
Concen: 35.779 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion: 106 Resp: 366384
Ion Ratio Lower Upper
106 100
91 201.5 158.6 238.0





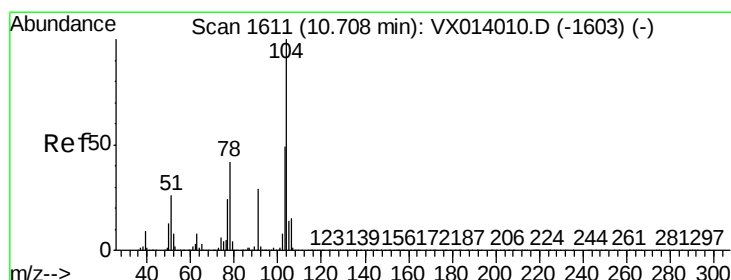
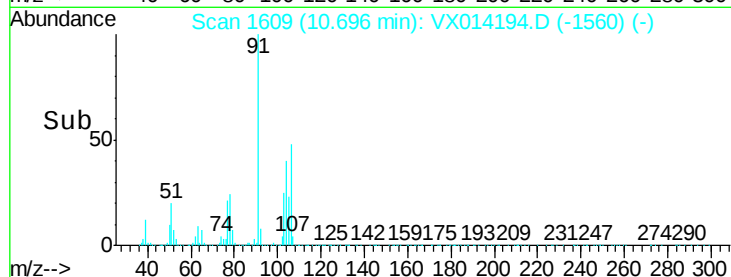
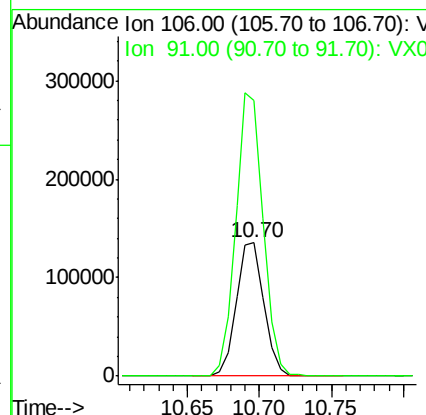
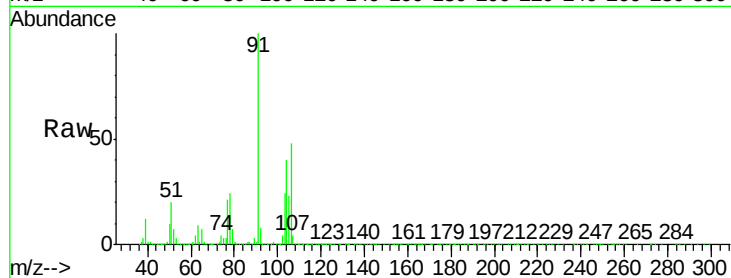
#69
o-Xylene
Concen: 18.190 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	182680		
91	209.6	104.2	312.6	

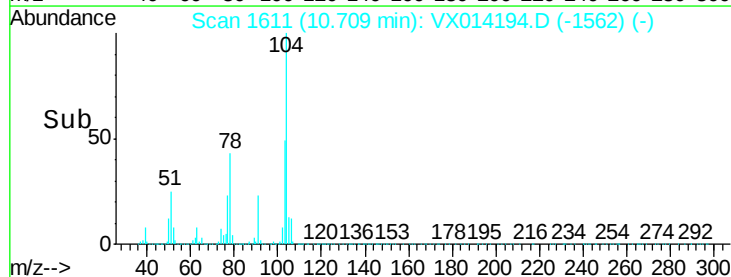
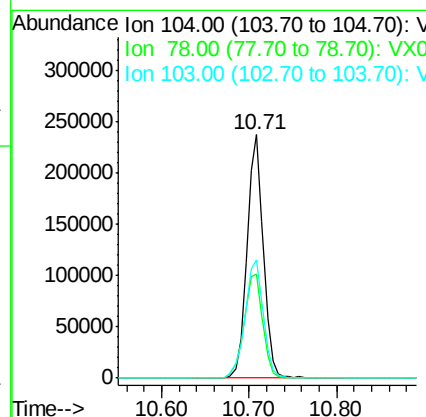
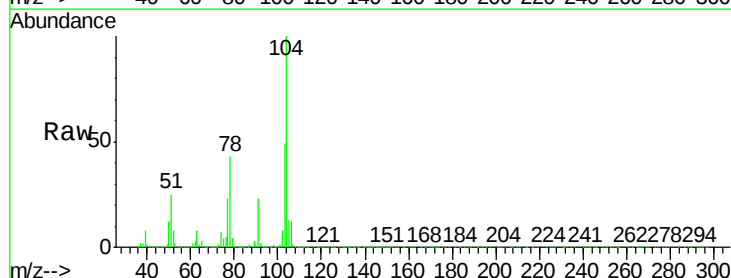
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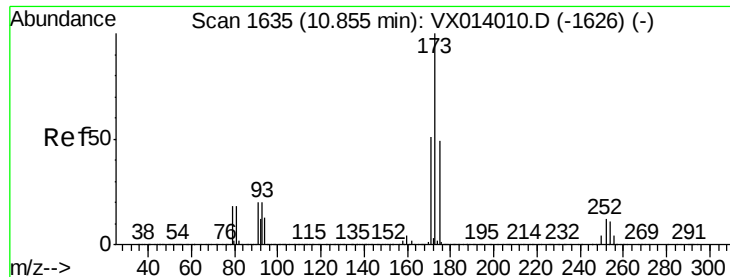
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#70
Styrene
Concen: 18.101 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	307403		
78	49.6	38.5	57.7	
103	54.9	42.9	64.3	





#71

Bromoform

Concen: 19.049 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion:173 Resp: 84667

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

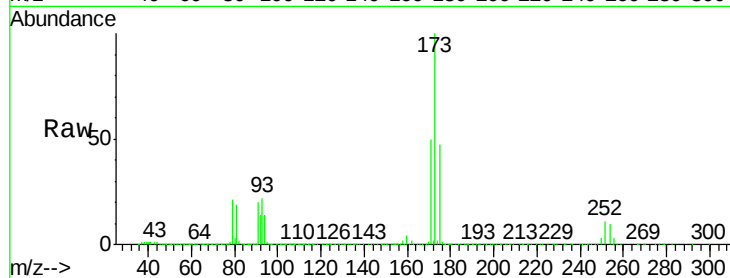
254 0.3 0.2 0.2#

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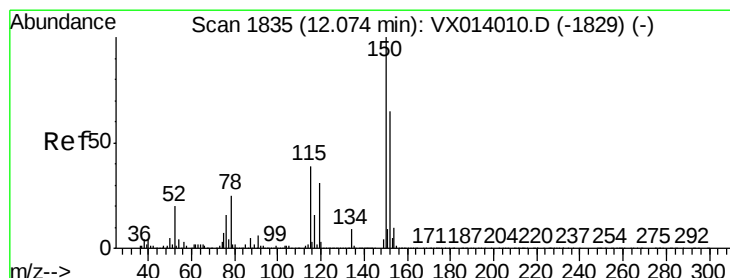
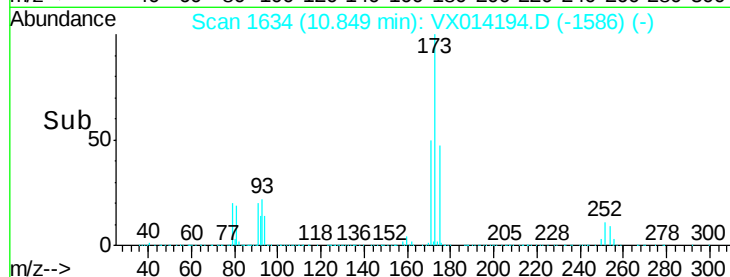
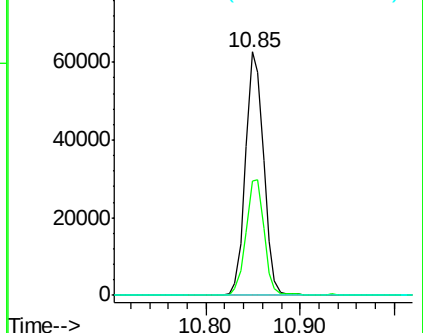
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

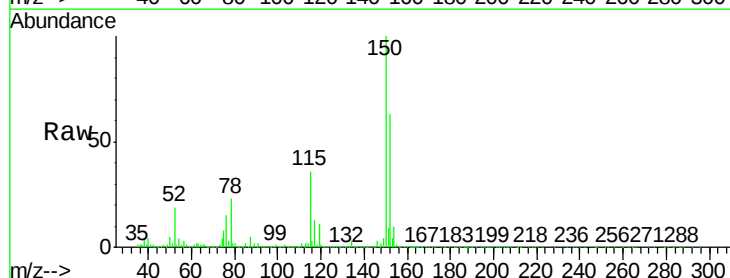
Tgt Ion:152 Resp: 363027

Ion Ratio Lower Upper

152 100

115 63.0 38.3 114.9

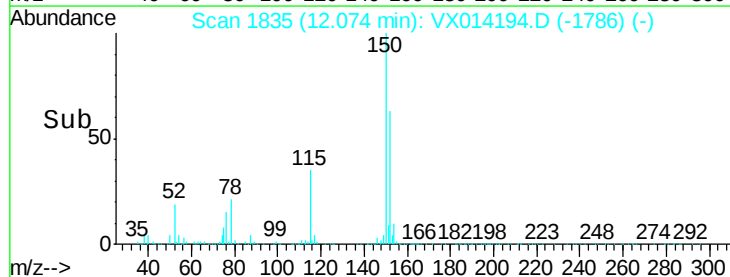
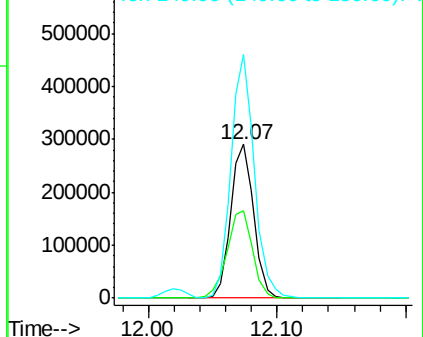
150 160.8 0.0 345.4

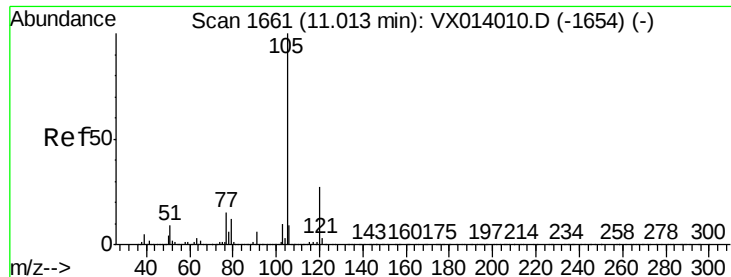


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.332 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion:105 Resp: 468568

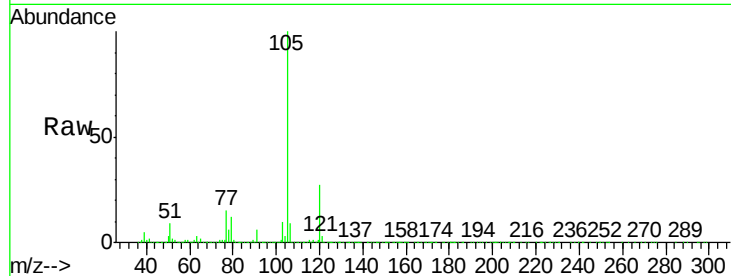
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4

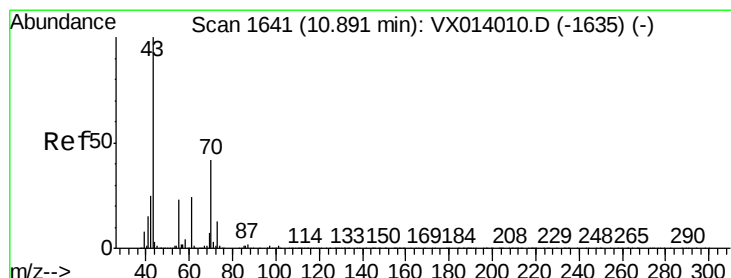
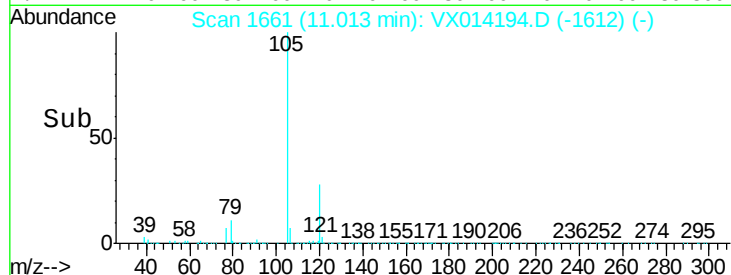
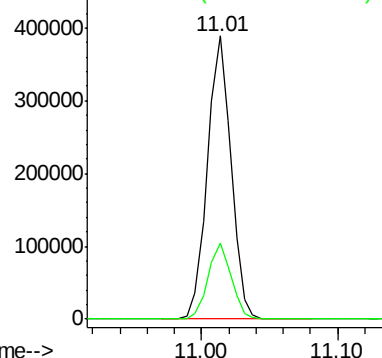
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.610 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion: 43 Resp: 222962

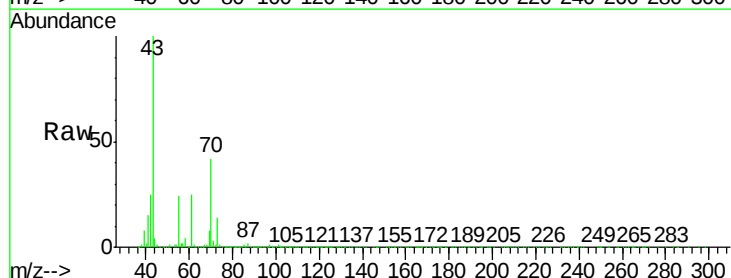
Ion Ratio Lower Upper

43 100

70 42.2 34.4 51.6

55 23.5 19.1 28.7

61 24.2 19.7 29.5

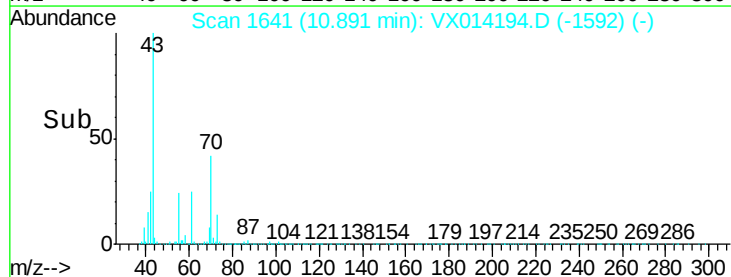
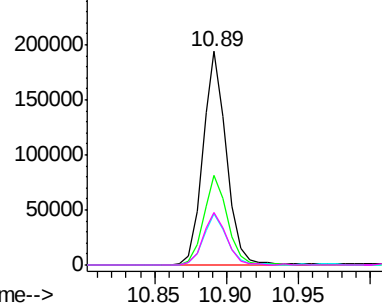


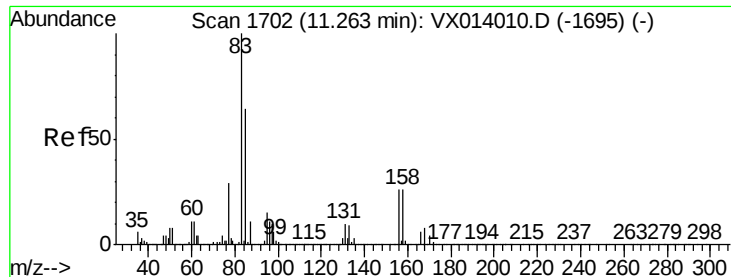
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.631 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

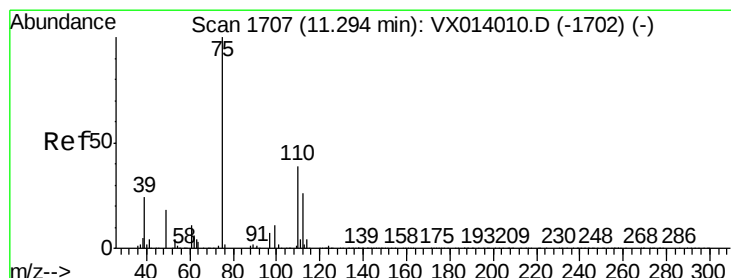
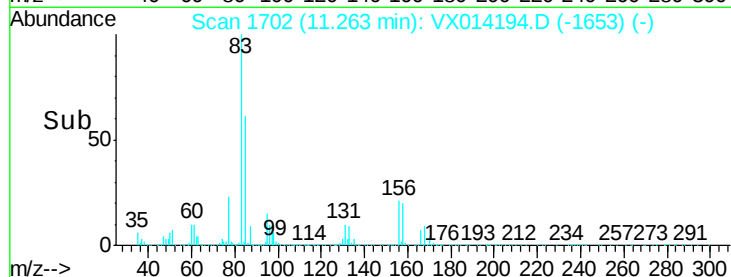
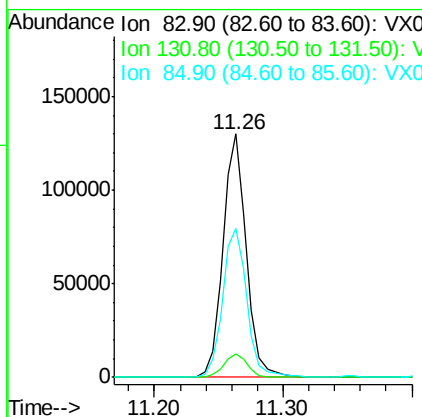
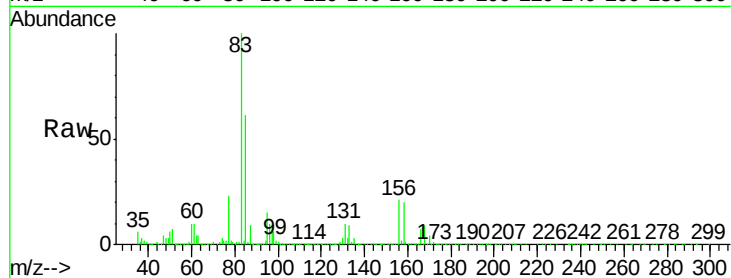
ClientSampleId :

VX1223WBS01

Tot Ion:	83	Resp:	165095
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	63.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 17.001 ug/l m

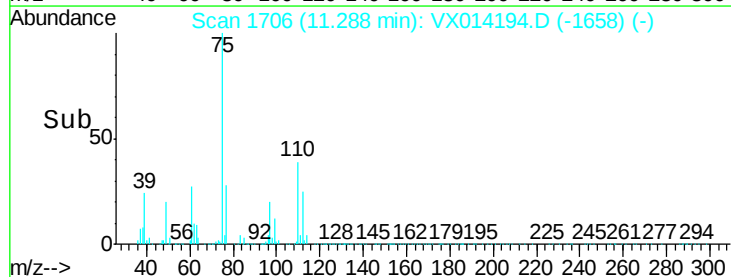
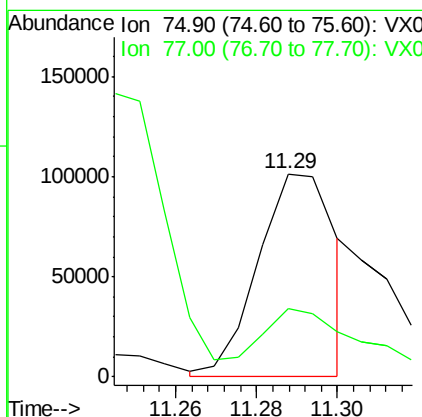
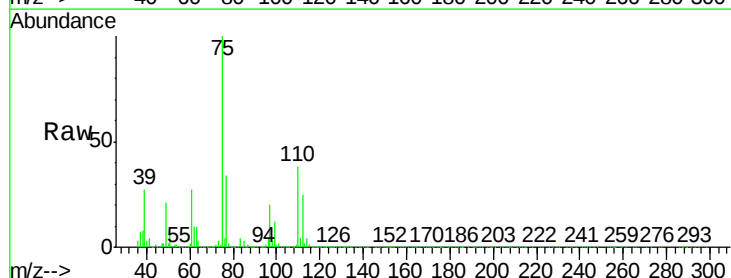
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	75	Resp:	133989
Ion Ratio	Lower	Upper	
75	100		
77	44.9	19.3	57.8





#77

Bromobenzene

Concen: 18.085 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

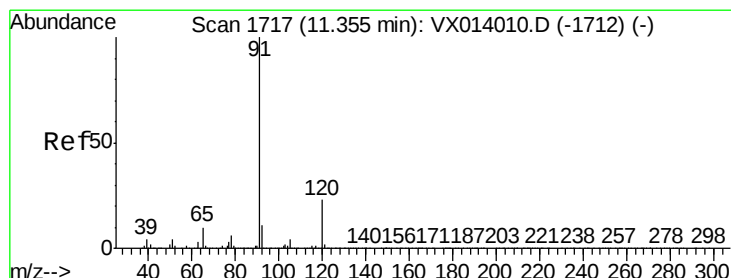
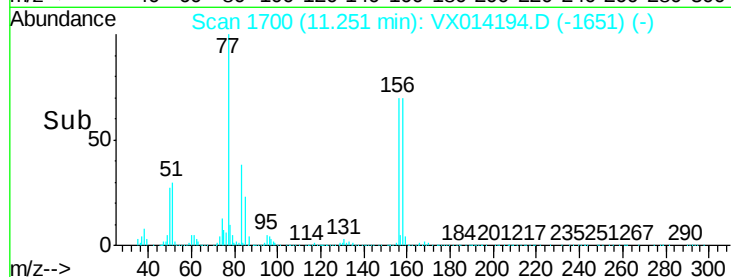
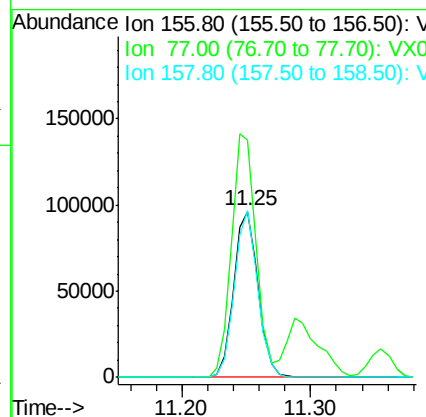
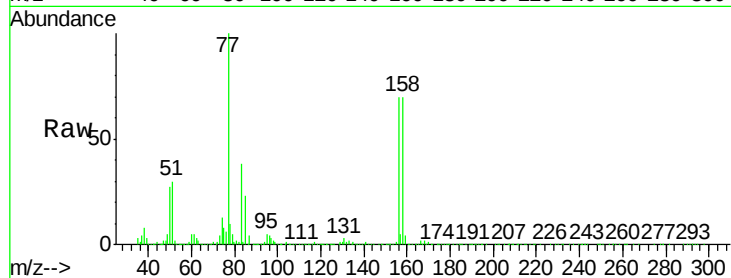
ClientSampleId :

VX1223WBS01

Tot Ion:	156	Resp:	127183
Ion Ratio	Lower	Upper	
156	100		
77	148.3	76.5	229.5
158	96.8	49.3	147.9

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#78

n-propylbenzene

Concen: 18.385 ug/l

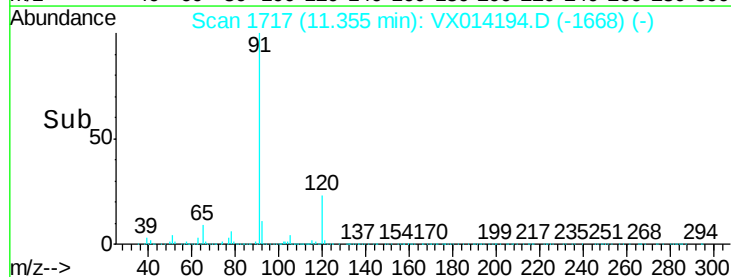
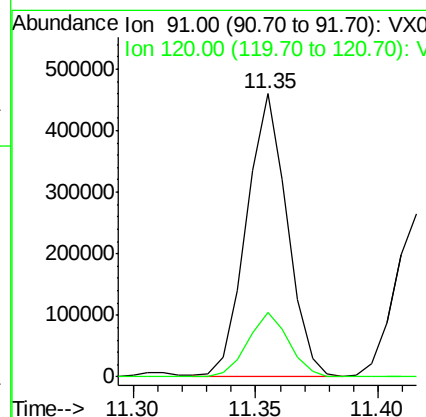
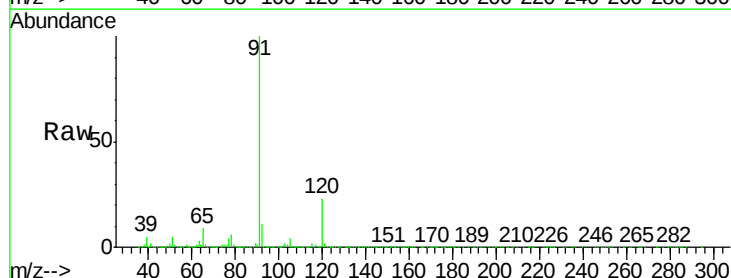
RT: 11.35 min Scan# 1717

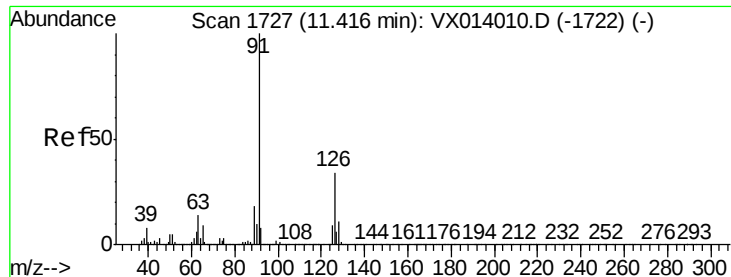
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	91	Resp:	527089
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.351 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion: 91 Resp: 319818

Ion Ratio Lower Upper

91 100

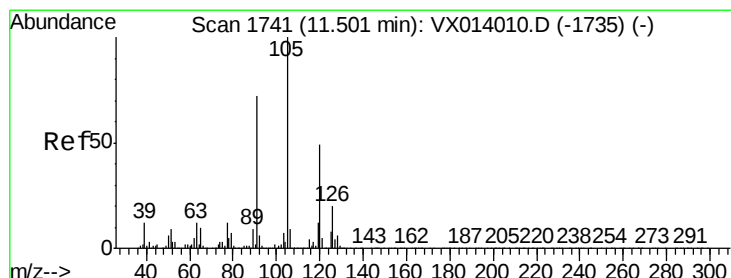
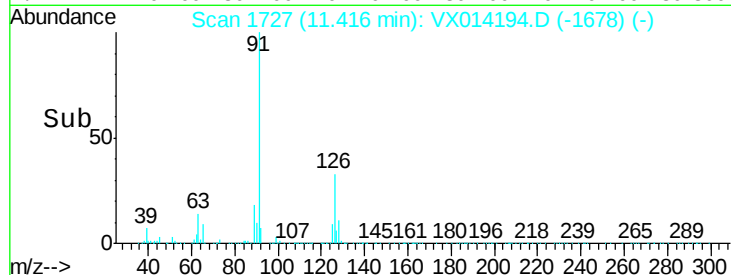
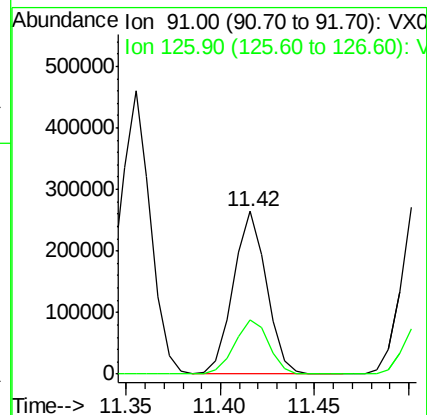
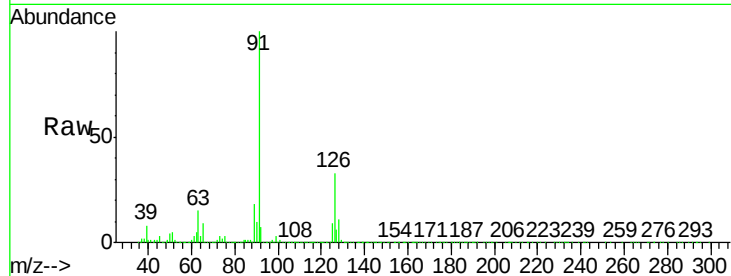
126 34.7 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 17.997 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014194.D

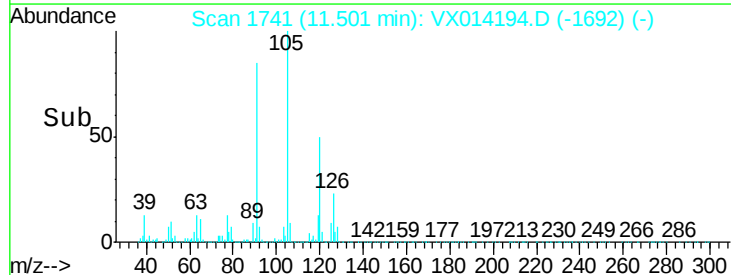
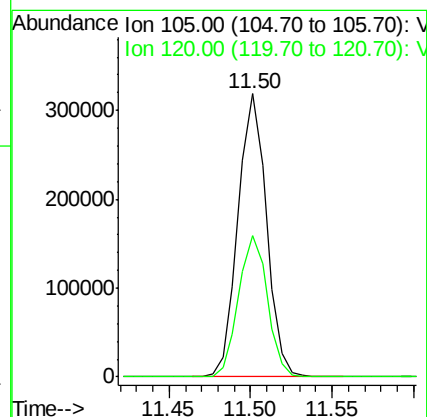
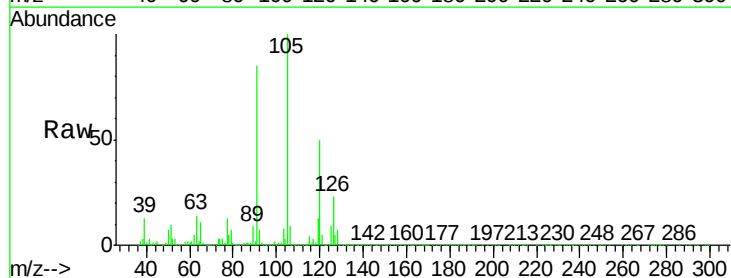
Acq: 23 Dec 2019 11:48

Tgt Ion: 105 Resp: 387137

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.799 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

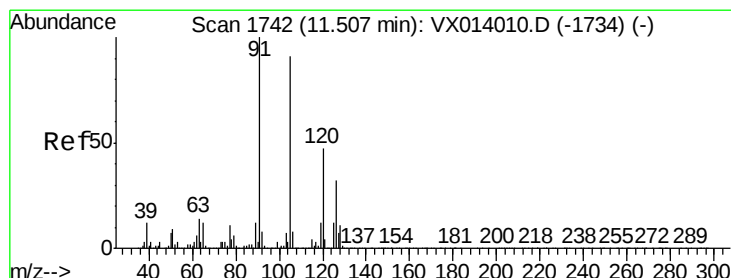
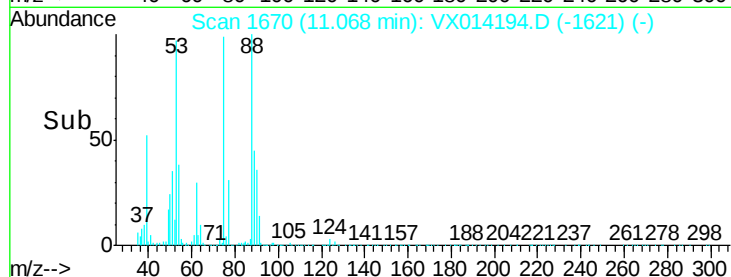
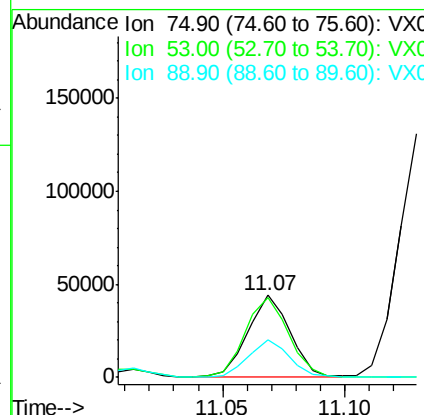
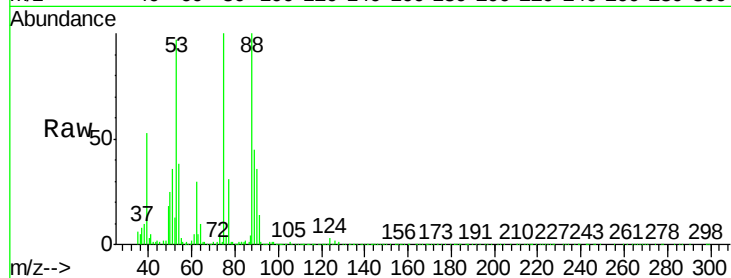
ClientSampleId :

VX1223WBS01

Tot Ion:	75	Resp:	52492
Ion Ratio	Lower	Upper	
75	100		
53	99.8	76.7	115.1
89	44.2	34.6	51.8

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#82

4-Chlorotoluene

Concen: 18.201 ug/l

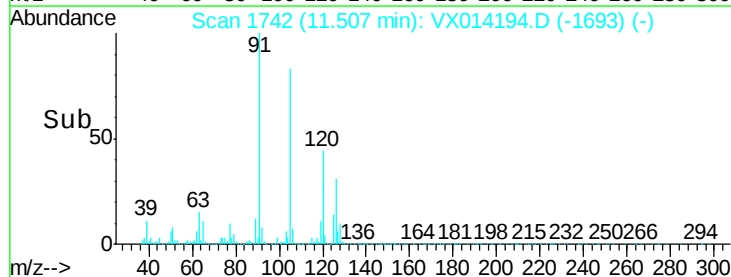
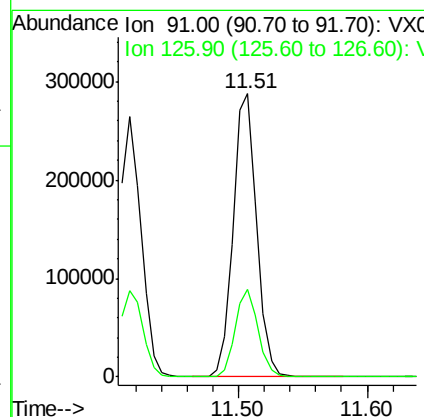
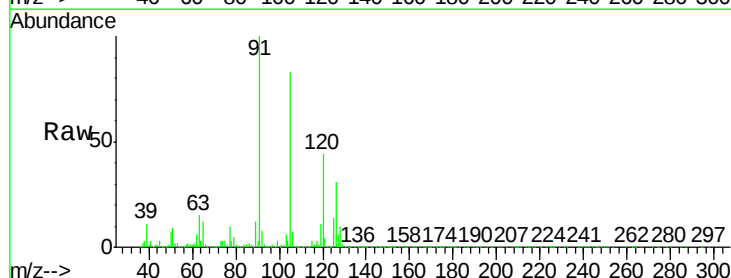
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	91	Resp:	367942
Ion Ratio	Lower	Upper	
91	100		
126	30.2	15.6	46.8





#83

tert-Butylbenzene

Concen: 17.482 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

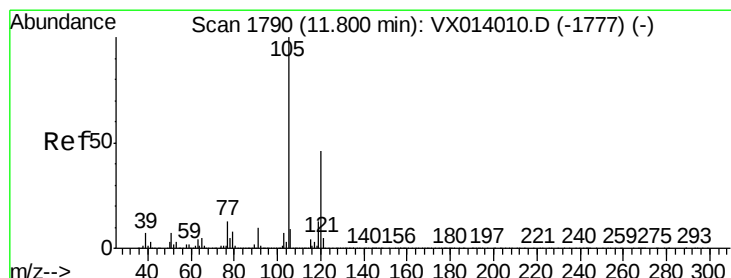
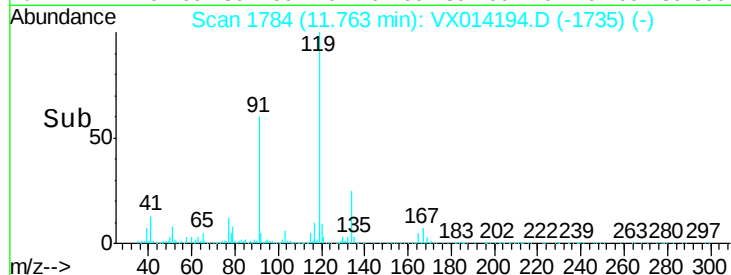
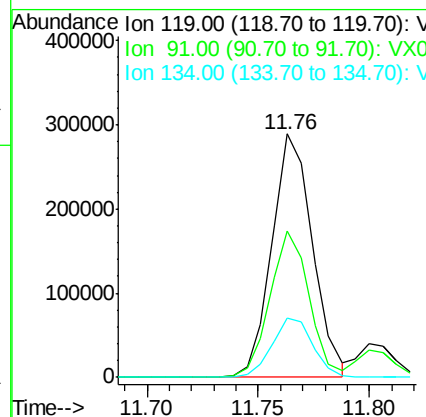
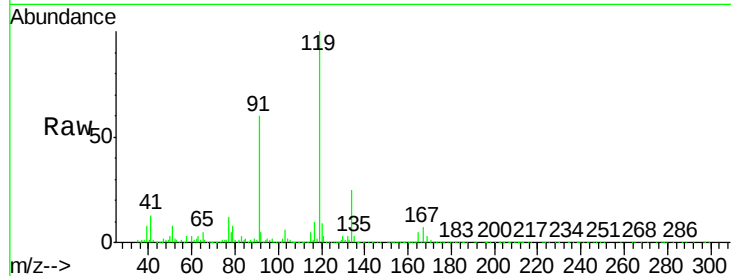
ClientSampleId :

VX1223WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	365965		
91	57.9	28.5	85.6	
134	24.7	12.2	36.6	

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#84

1,2,4-Trimethylbenzene

Concen: 18.429 ug/l

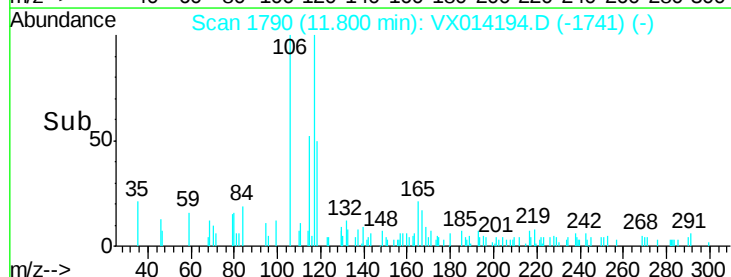
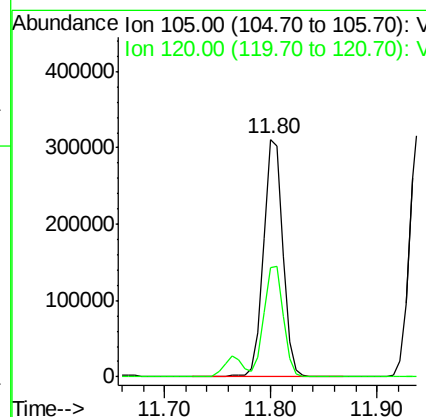
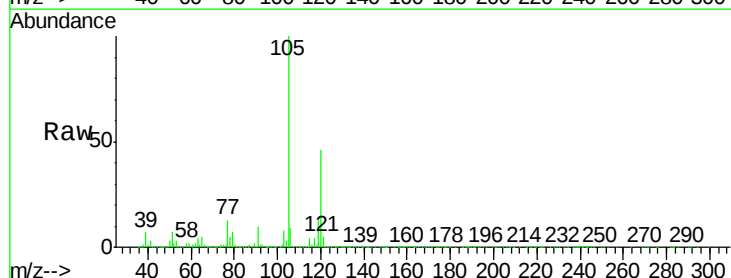
RT: 11.80 min Scan# 1790

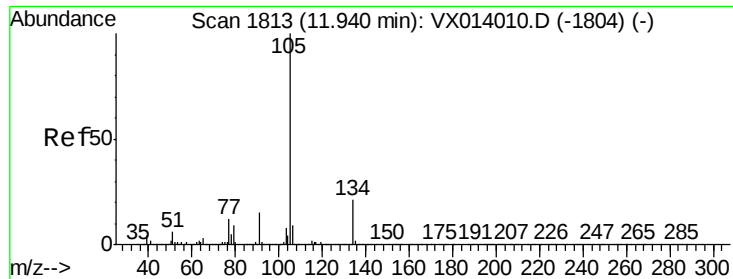
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	396995		
120	46.6	23.1	69.2	





#85

sec-Butylbenzene

Concen: 17.811 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tot Ion:105 Resp: 440171

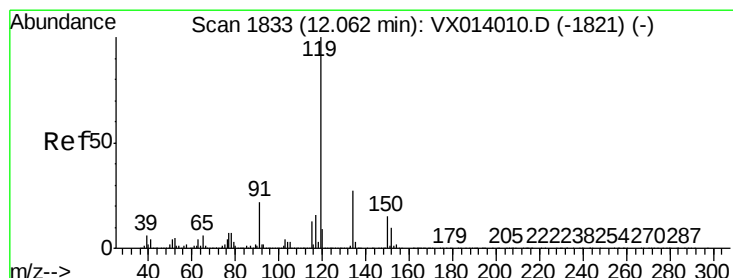
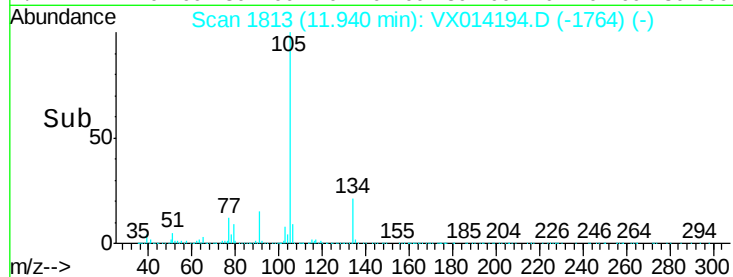
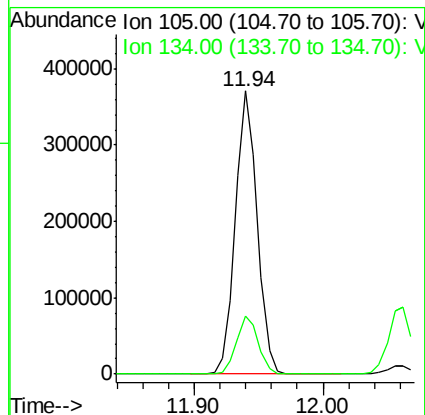
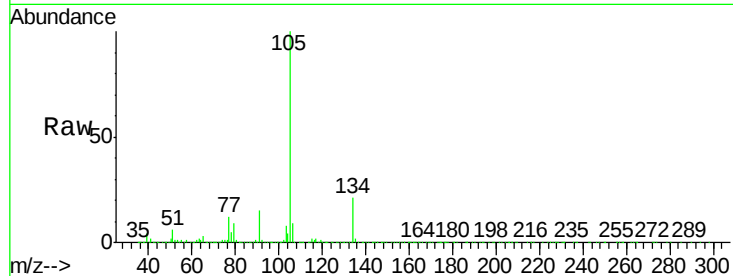
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 18.014 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

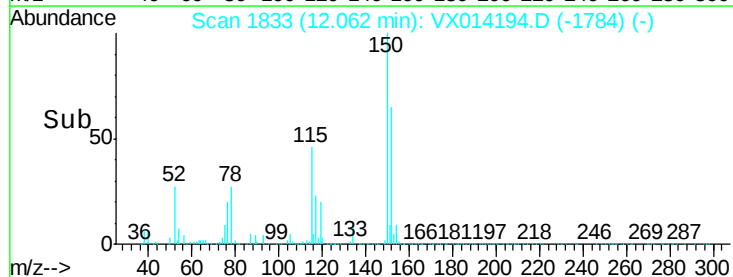
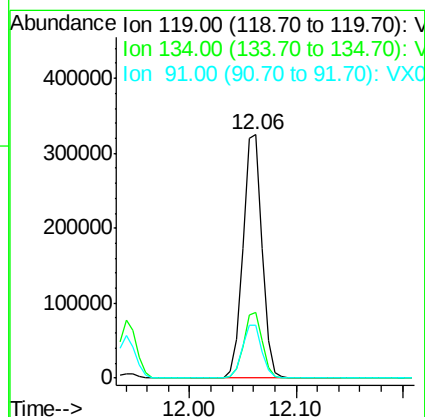
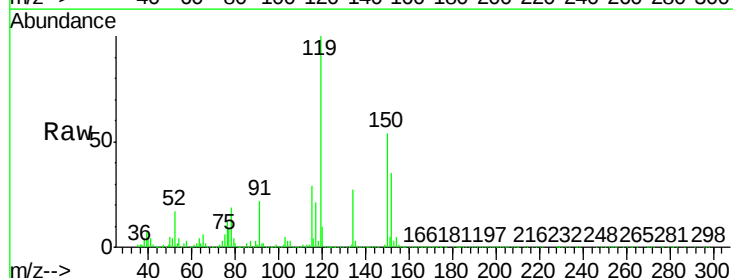
Tgt Ion:119 Resp: 407233

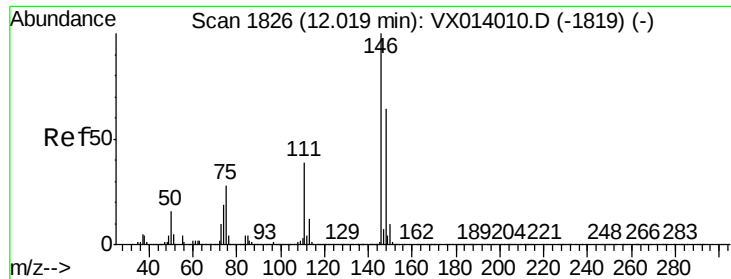
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.1 11.4 34.1





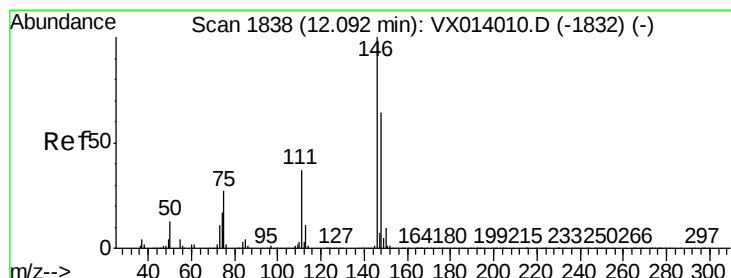
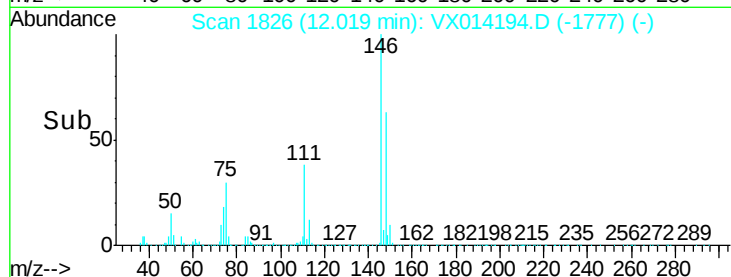
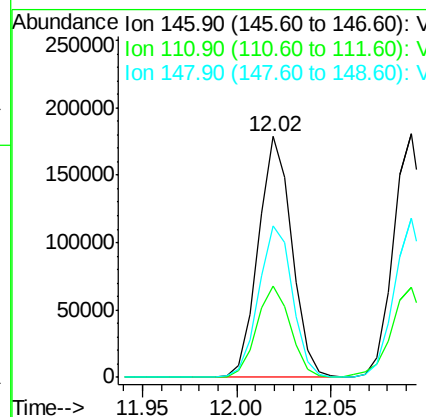
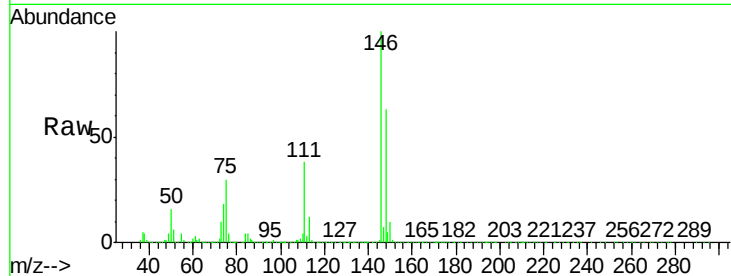
#87
 1,3-Dichlorobenzene
 Concen: 17.881 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.3	32.3	96.9

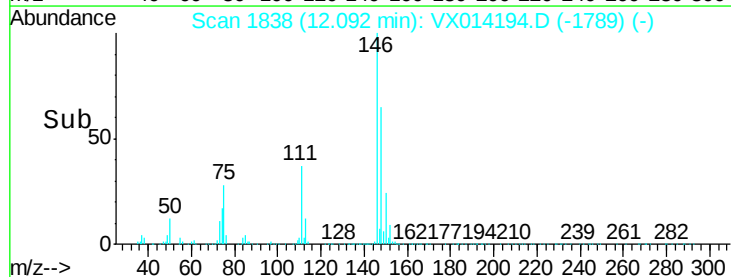
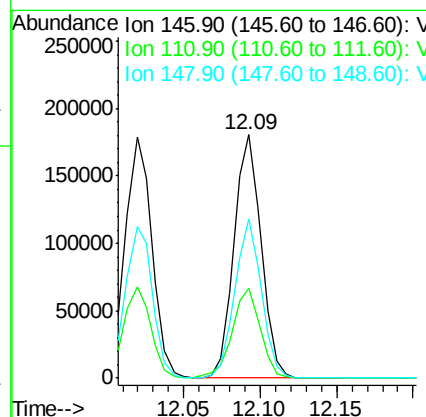
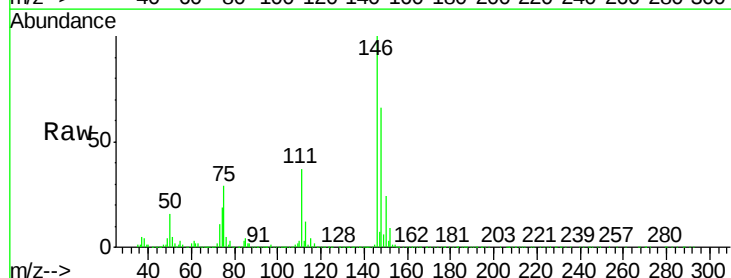
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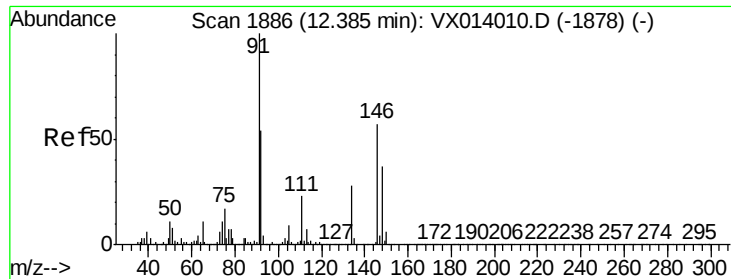
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#88
 1,4-Dichlorobenzene
 Concen: 17.657 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	64.0	31.9	95.9





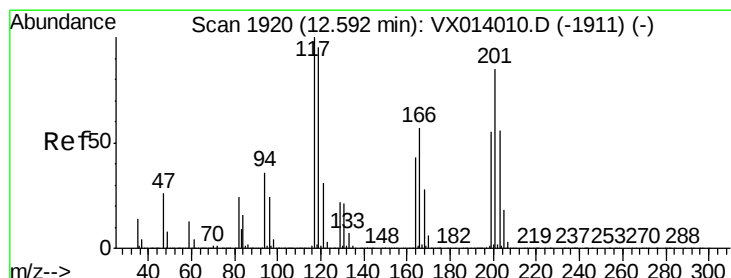
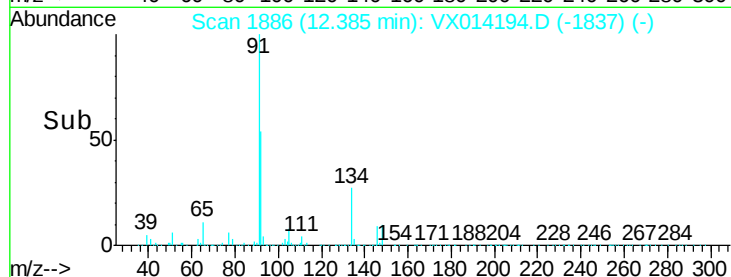
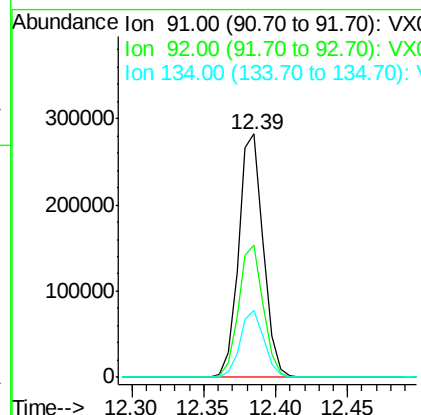
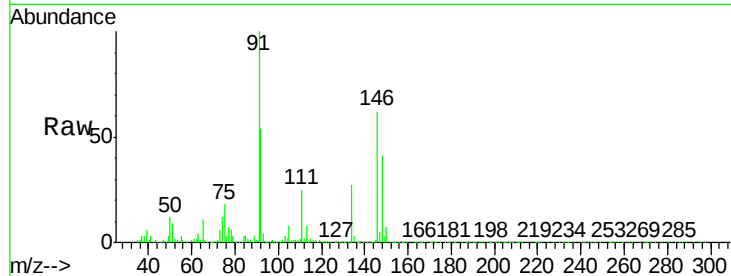
#89
n-Butylbenzene
Concen: 17.498 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	27.2	81.6	
134	26.8	13.4	40.1	

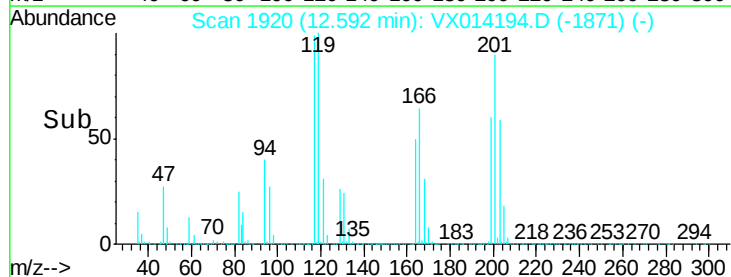
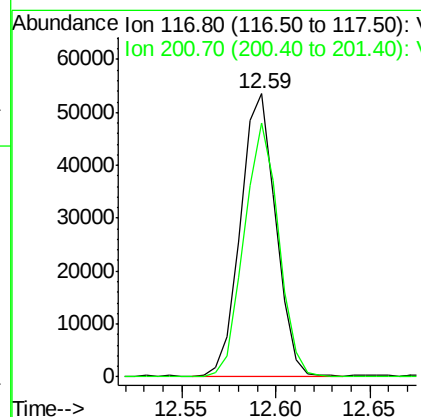
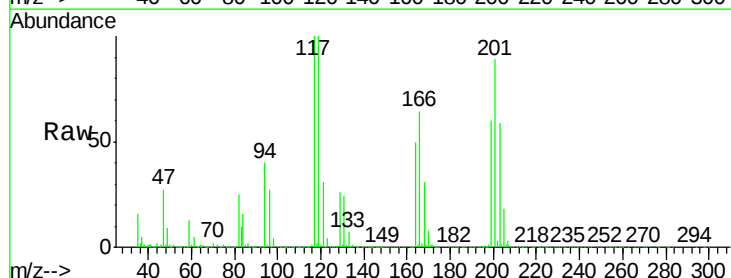
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#90
Hexachloroethane
Concen: 17.047 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.2	43.1	129.3	





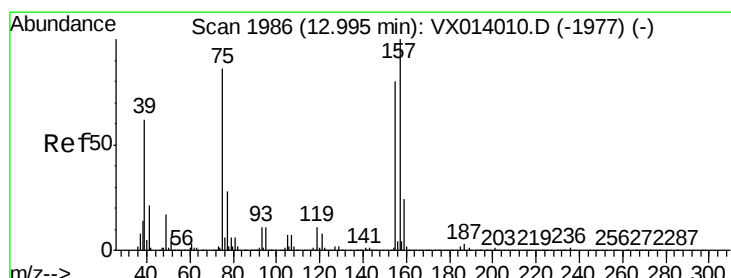
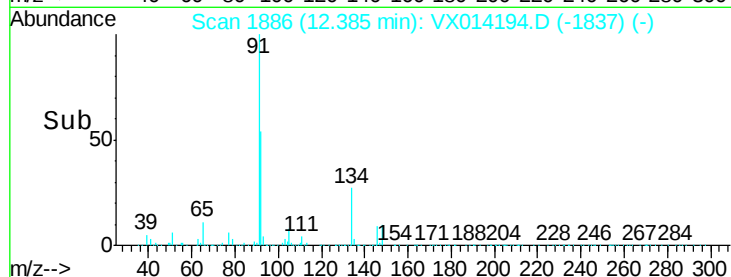
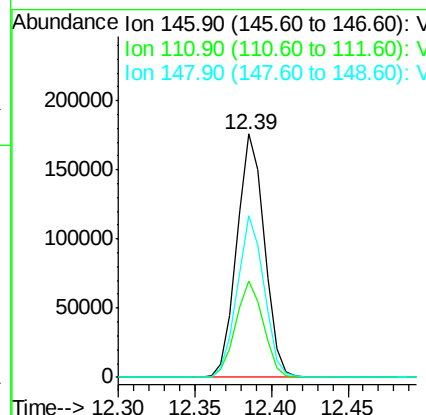
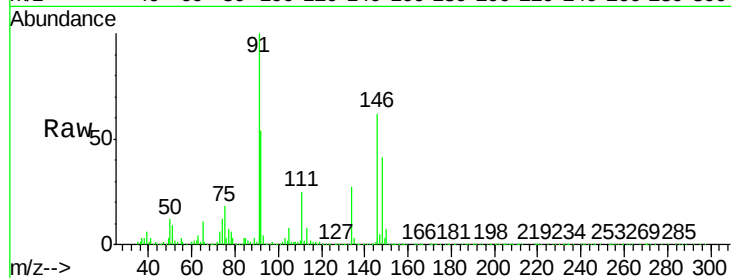
#91
 1,2-Dichlorobenzene
 Concen: 17.705 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219672		
111	39.8	19.7	59.1	
148	64.9	32.1	96.5	

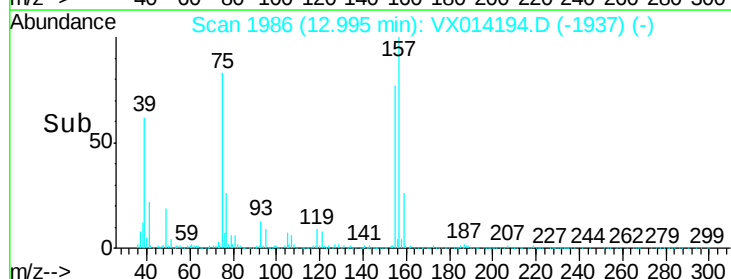
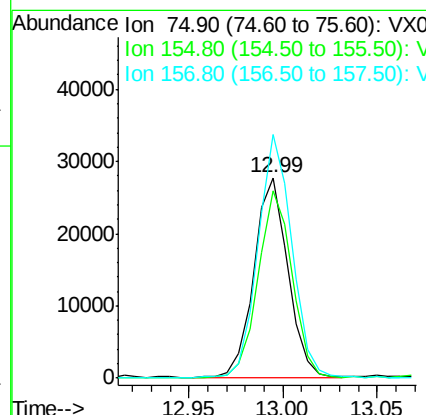
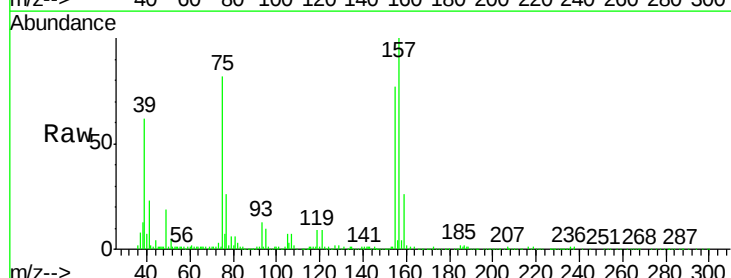
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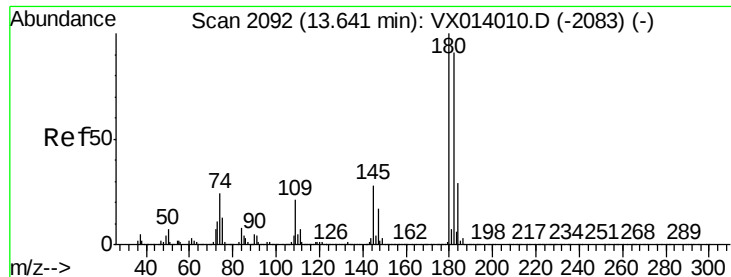
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.480 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014194.D
 Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34278		
155	95.1	46.9	140.6	
157	123.3	60.8	182.4	





#93

1,2,4-Trichlorobenzene

Concen: 17.743 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Instrument :

MSVOA_X

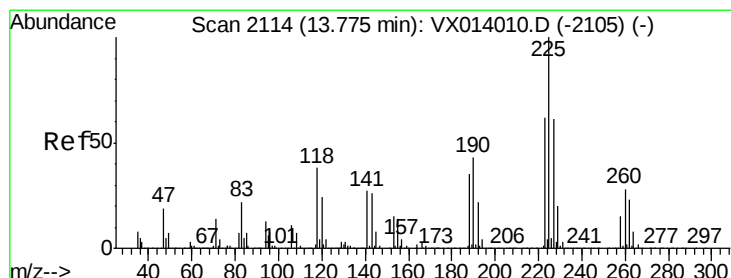
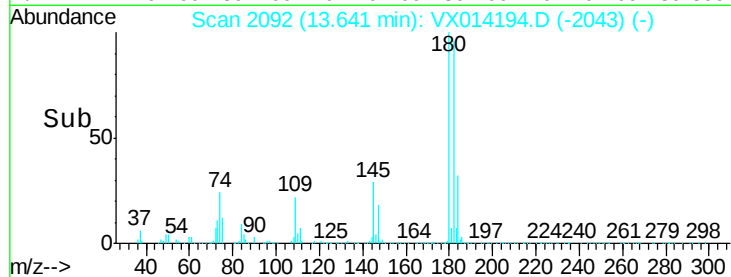
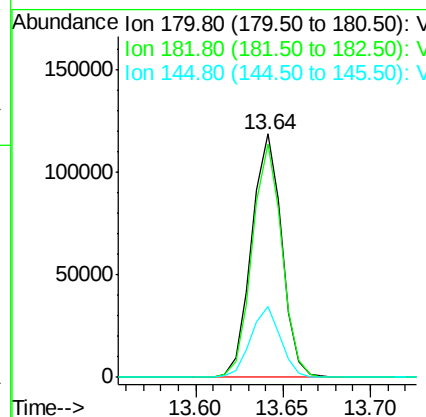
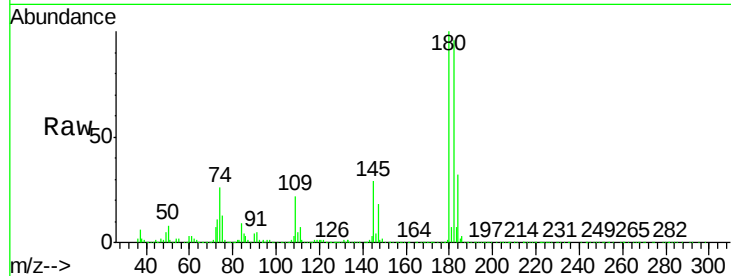
ClientSampleId :

VX1223WBS01

Tot Ion:	180	Resp:	143083
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.6	139.8
145	28.7	14.2	42.6

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#94

Hexachlorobutadiene

Concen: 16.951 ug/l

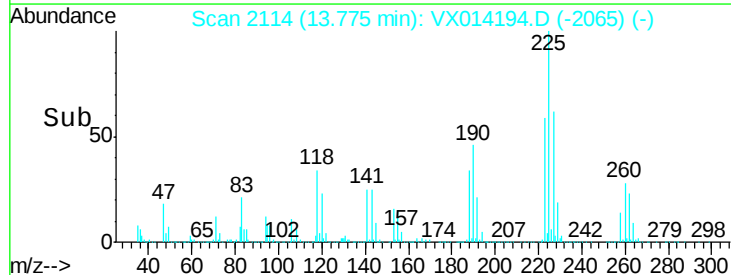
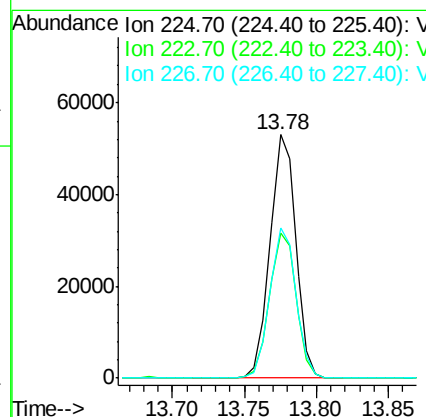
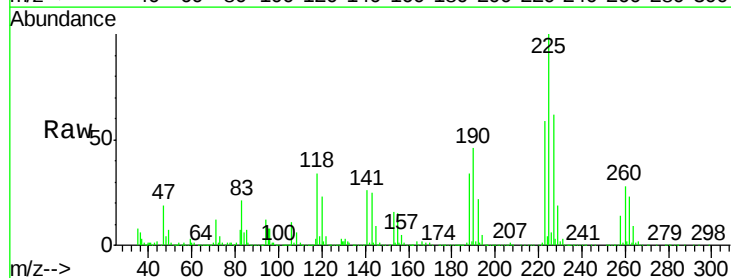
RT: 13.78 min Scan# 2114

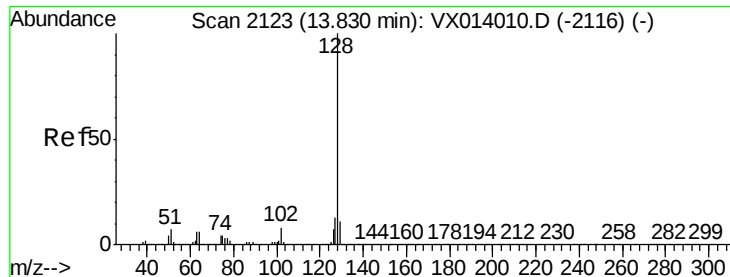
Delta R.T. 0.00 min

Lab File: VX014194.D

Acq: 23 Dec 2019 11:48

Tgt Ion:	225	Resp:	65694
Ion Ratio	Lower	Upper	
225	100		
223	61.4	30.9	92.5
227	62.6	30.9	92.7





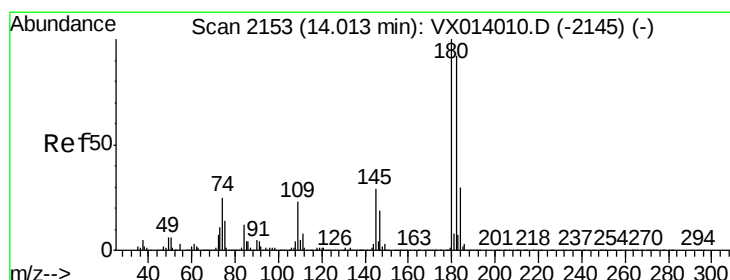
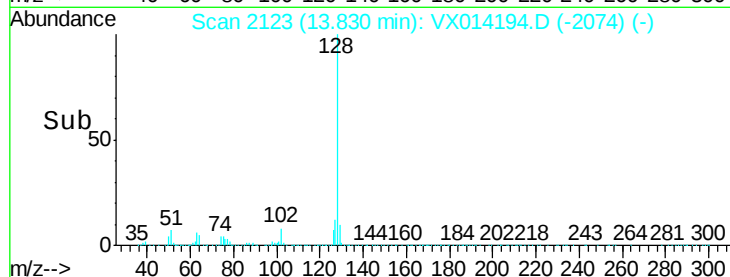
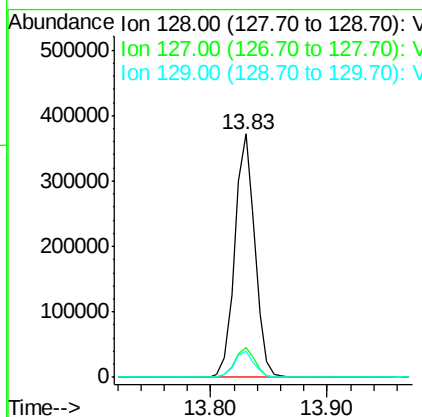
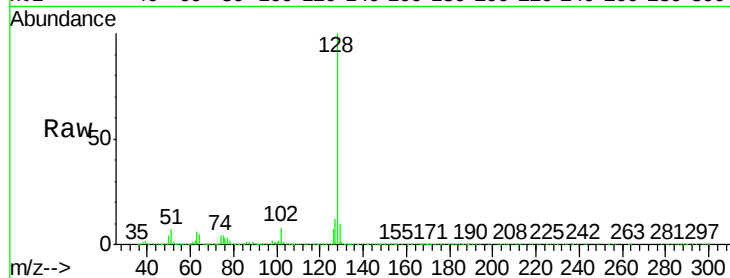
#95
Naphthalene
Concen: 18.783 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/24/2019 8:53:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.939 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014194.D
Acq: 23 Dec 2019 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.8	140.3
145	29.5	14.8	44.4

