

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014351.D
 Acq On : 30 Dec 2019 14:13
 Operator : JC/SP
 Sample : VX1230WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Manual Integrations
 APPROVED

apatel
 12/31/2019 9:32:43 AM

Quant Time: Dec 31 02:49:27 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	457186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279843	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	5.48	113	230105	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
50) Toluene-d8	8.71	98	877814	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	11.13	95	312324	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	67035	16.389	ug/l 95
3) Chloromethane	1.32	50	97558	17.773	ug/l 99
4) Vinyl Chloride	1.40	62	99071	17.105	ug/l 100
5) Bromomethane	1.63	94	64980	15.807	ug/l 98
6) Chloroethane	1.72	64	68338	19.117	ug/l 96
7) Trichlorofluoromethane	1.92	101	130754	18.237	ug/l 99
8) Diethyl Ether	2.18	74	64170	19.070	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82769	19.151	ug/l 98
10) Methyl Iodide	2.50	142	87899	17.234	ug/l 99
11) Tert butyl alcohol	3.02	59	112750	100.704	ug/l 99
12) 1,1-Dichloroethene	2.37	96	78559	17.863	ug/l 95
13) Acrolein	2.28	56	56095	87.525	ug/l 98
14) Allyl chloride	2.72	41	154151	19.631	ug/l 99
15) Acrylonitrile	3.12	53	275745	105.517	ug/l 98
16) Acetone	2.43	43	247735	73.644	ug/l 98
17) Carbon Disulfide	2.56	76	195415	16.516	ug/l 99
18) Methyl Acetate	2.76	43	141476	21.224	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	294528	20.381	ug/l 97
20) Methylene Chloride	2.85	84	102414	19.333	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	88840	18.336	ug/l 97
22) Diisopropyl ether	3.84	45	327873	20.954	ug/l 91
23) Vinyl Acetate	3.80	43	1399150	109.572	ug/l 98
24) 1,1-Dichloroethane	3.69	63	167395	19.228	ug/l 98
25) 2-Butanone	4.65	43	382435	92.212	ug/l 98
26) 2,2-Dichloropropane	4.57	77	128869	19.066	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	104039	18.987	ug/l 99
28) Bromochloromethane	5.00	49	74205	22.416	ug/l 97
29) Tetrahydrofuran	5.11	42	242993	104.751	ug/l 98
30) Chloroform	5.20	83	168105	20.370	ug/l 98
31) Cyclohexane	5.57	56	144035	18.602	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	131670	18.720	ug/l 99
36) 1,1-Dichloropropene	5.78	75	118612	18.672	ug/l 100
37) Ethyl Acetate	4.81	43	148024	21.101	ug/l 100
38) Carbon Tetrachloride	5.77	117	108063	18.673	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	144588	18.434	ug/l	97
40) Benzene	6.13	78	384389	19.666	ug/l	99
41) Methacrylonitrile	5.02	41	80059	20.569	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133191	20.103	ug/l	99
43) Isopropyl Acetate	6.43	43	242829	20.917	ug/l	99
44) Trichloroethene	7.20	130	102365	18.961	ug/l	97
45) 1,2-Dichloropropane	7.50	63	103934	20.746	ug/l	92
46) Dibromomethane	7.65	93	67161	20.277	ug/l	95
47) Bromodichloromethane	7.89	83	126081	20.212	ug/l	98
48) Methyl methacrylate	7.76	41	114179	20.085	ug/l	99
49) 1,4-Dioxane	7.73	88	48191	416.569	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	758872	104.086	ug/l	99
52) Toluene	8.78	92	236264	19.124	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	138794	20.292	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	155200	20.367	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100848	20.367	ug/l	97
56) Ethyl methacrylate	9.17	69	155276	19.964	ug/l	99
57) 1,3-Dichloropropane	9.36	76	172831	20.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	305829	103.902	ug/l	100
59) 2-Hexanone	9.48	43	573631	97.737	ug/l	99
60) Dibromochloromethane	9.57	129	100143	20.347	ug/l	99
61) 1,2-Dibromoethane	9.67	107	103270	20.385	ug/l	99
64) Tetrachloroethene	9.33	164	103252	18.633	ug/l	97
65) Chlorobenzene	10.13	112	256167	19.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95296	20.044	ug/l	100
67) Ethyl Benzene	10.25	91	444872	19.433	ug/l	99
68) m/p-Xylenes	10.35	106	334992	38.047	ug/l	98
69) o-Xylene	10.69	106	163123	18.890	ug/l	98
70) Styrene	10.71	104	277912	19.033	ug/l	99
71) Bromoform	10.85	173	75680	19.803	ug/l #	99
73) Isopropylbenzene	11.01	105	439415	20.389	ug/l	99
74) N-amyl acetate	10.89	43	199175	19.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153685	20.569	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	128106m	19.278	ug/l	
77) Bromobenzene	11.25	156	115592	19.494	ug/l	99
78) n-propylbenzene	11.35	91	491072	20.314	ug/l	99
79) 2-Chlorotoluene	11.42	91	296685	20.190	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363397	20.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46895	19.918	ug/l	97
82) 4-Chlorotoluene	11.51	91	342424	20.089	ug/l	98
83) tert-Butylbenzene	11.76	119	353623	20.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360281	19.835	ug/l	100
85) sec-Butylbenzene	11.94	105	422238	20.263	ug/l	99
86) p-Isopropyltoluene	12.06	119	385554	20.228	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201075	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201732	19.091	ug/l	99
89) n-Butylbenzene	12.39	91	324776	19.969	ug/l	99
90) Hexachloroethane	12.59	117	67615	19.750	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	201344	19.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31235	18.891	ug/l	99

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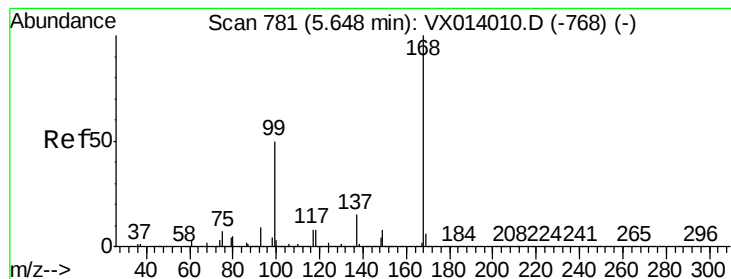
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130897	19.251	ug/l	98
94) Hexachlorobutadiene	13.78	225	63439	19.413	ug/l	97
95) Naphthalene	13.83	128	397217	19.884	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133306	19.861	ug/l	98

(#) = 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: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion:168 Resp: 457186

Ion Ratio Lower Upper

168 100

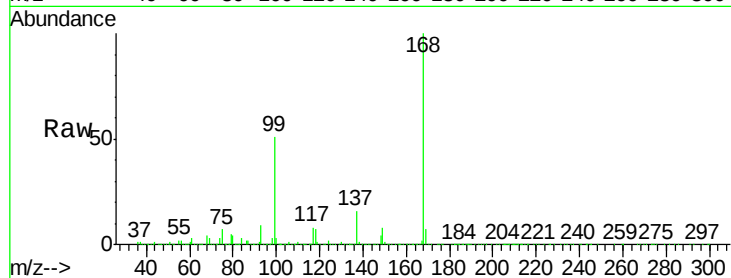
99 50.7 40.3 60.5

Manual Integrations

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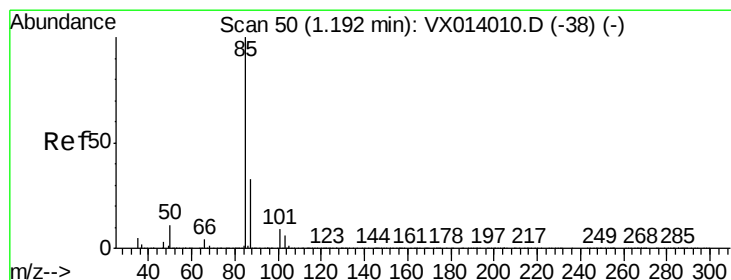
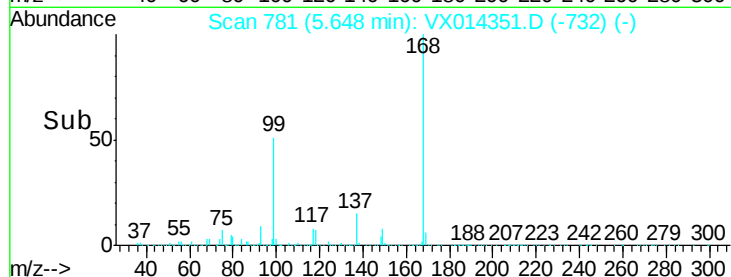
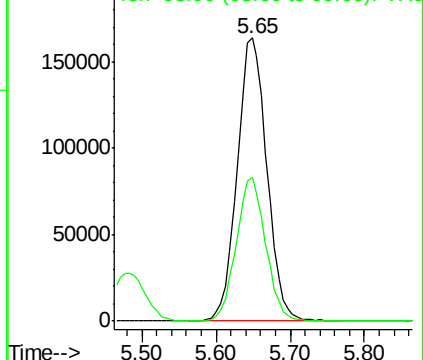
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.389 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014351.D

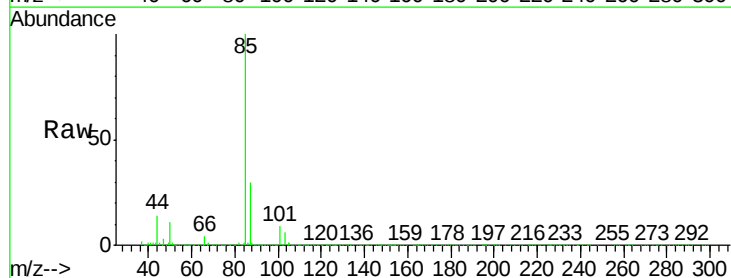
Acq: 30 Dec 2019 14:13

Tgt Ion: 85 Resp: 67035

Ion Ratio Lower Upper

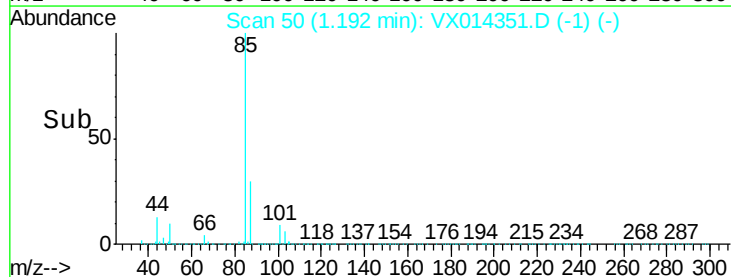
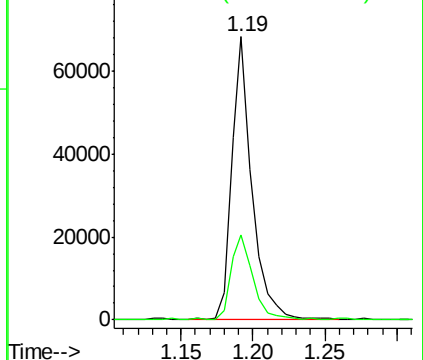
85 100

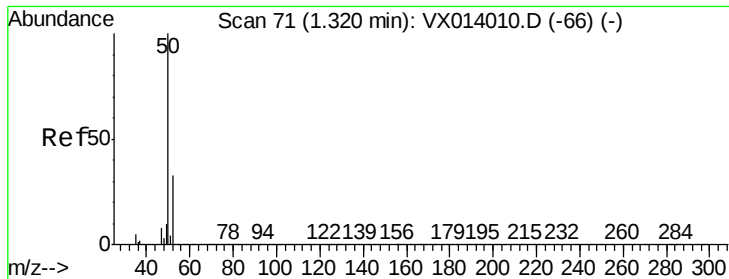
87 29.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.773 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 50 Resp: 97558

Ion Ratio Lower Upper

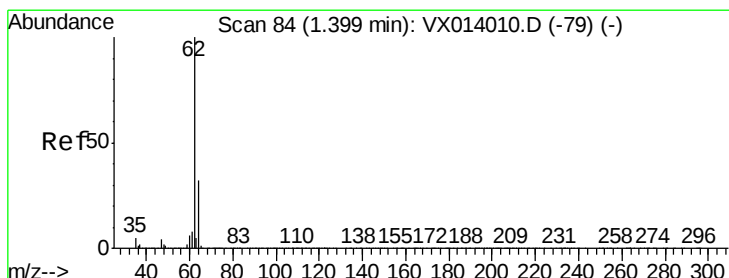
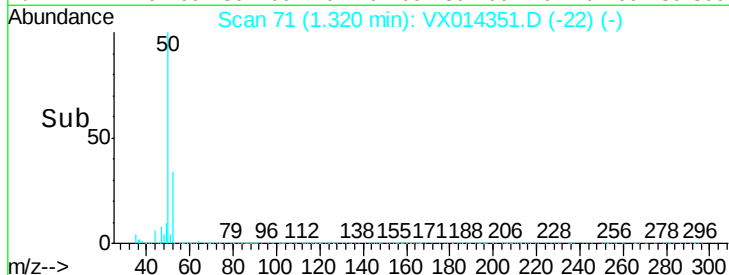
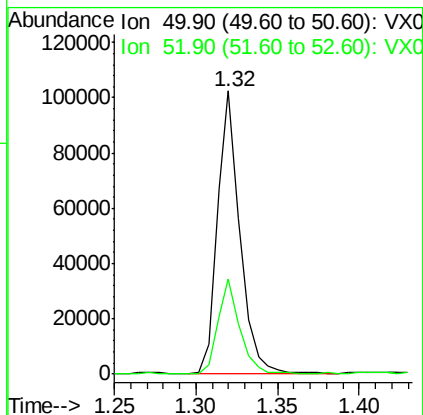
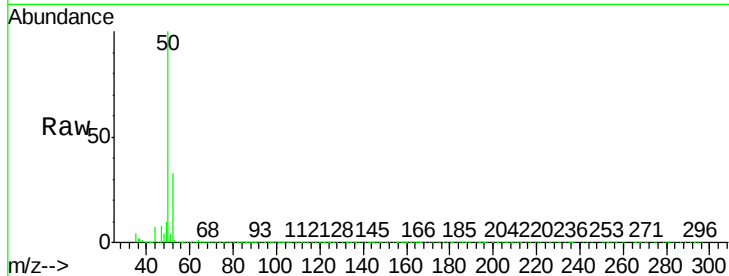
50 100

52 33.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 17.105 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014351.D

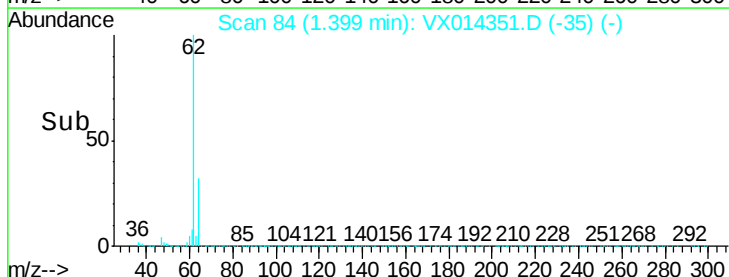
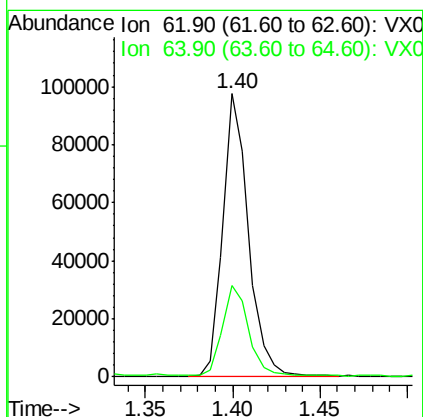
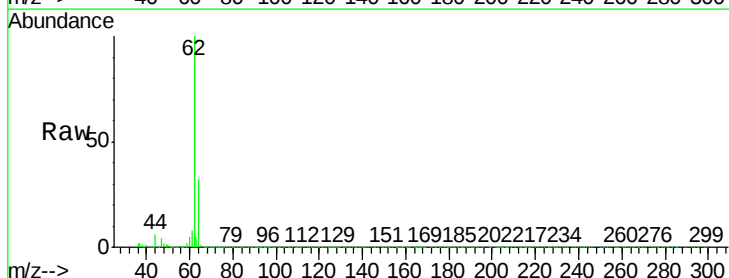
Acq: 30 Dec 2019 14:13

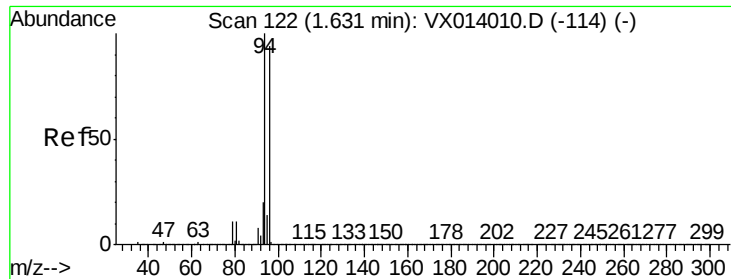
Tgt Ion: 62 Resp: 99071

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 15.807 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 94 Resp: 64980

Ion Ratio Lower Upper

94 100

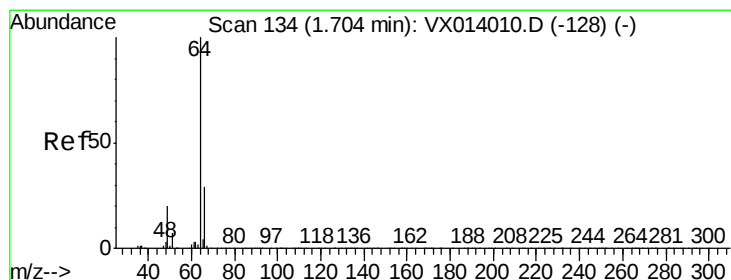
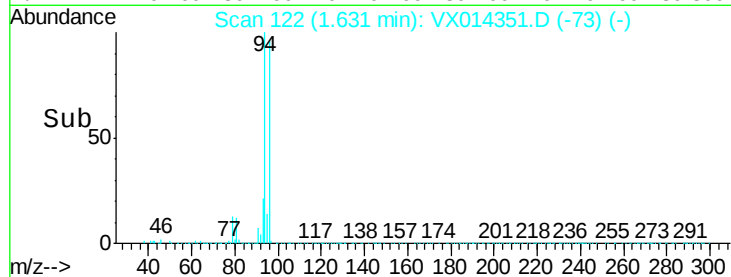
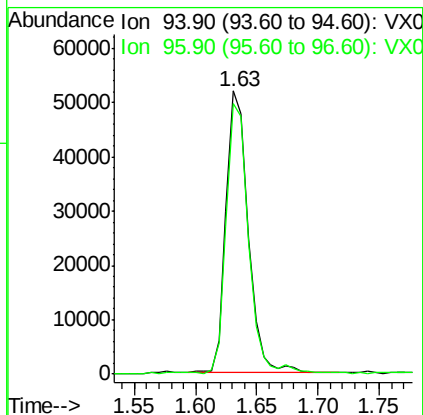
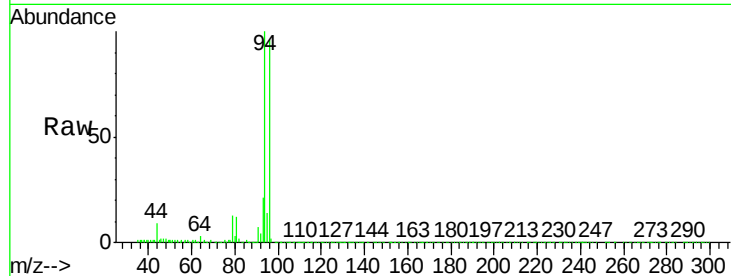
96 95.8 75.2 112.8

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#6

Chloroethane

Concen: 19.117 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014351.D

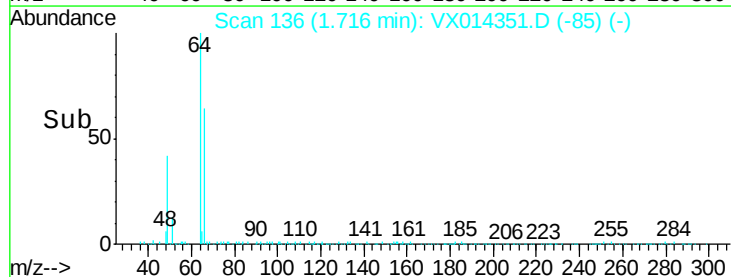
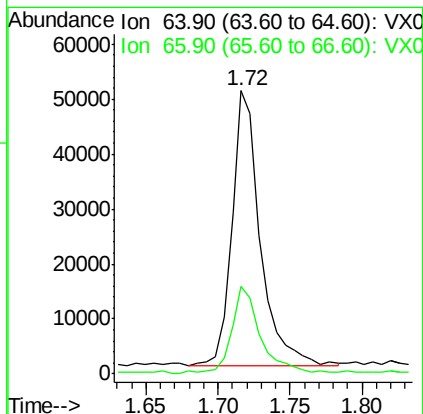
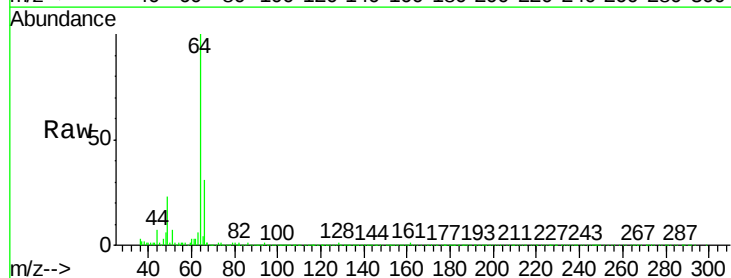
Acq: 30 Dec 2019 14:13

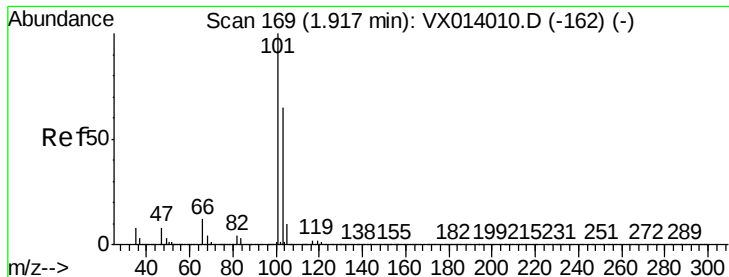
Tgt Ion: 64 Resp: 68338

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.2





#7

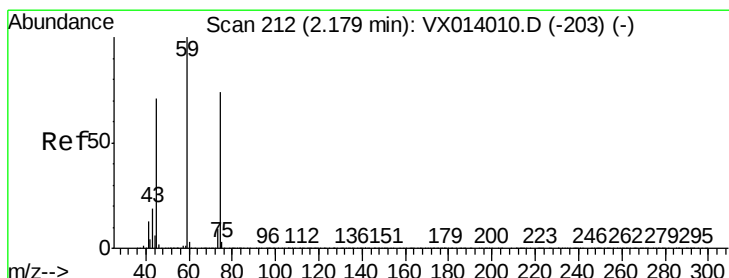
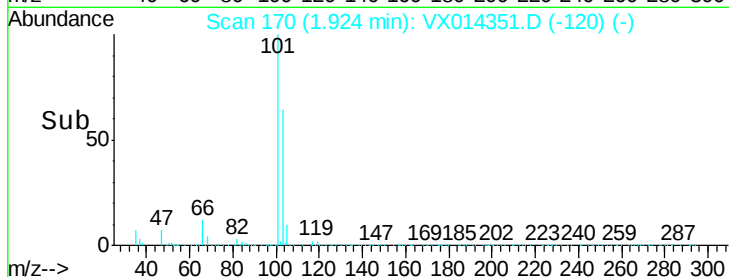
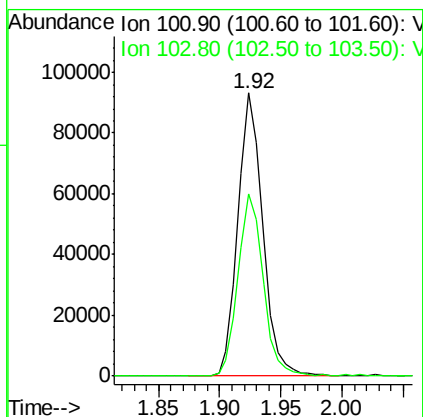
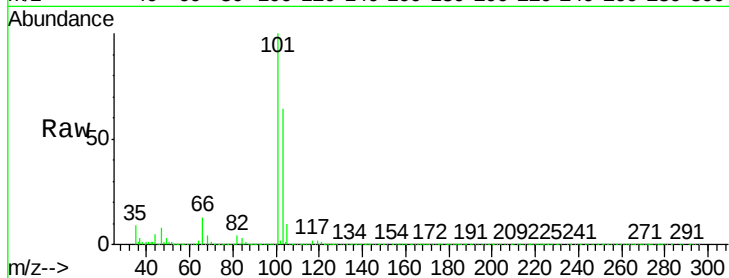
Trichlorofluoromethane
Concen: 18.237 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

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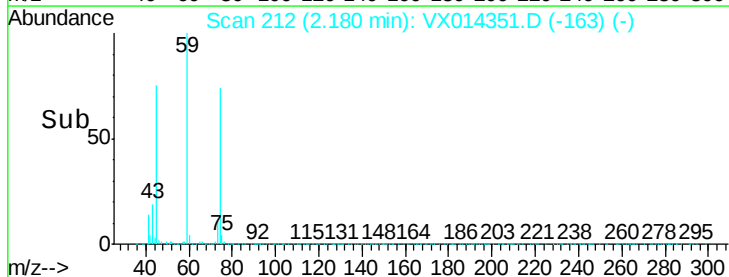
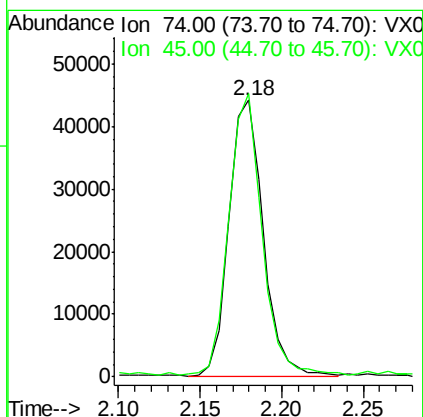
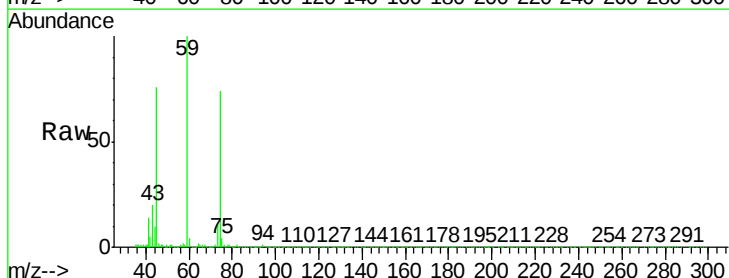
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#8

Diethyl Ether
Concen: 19.070 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.151 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

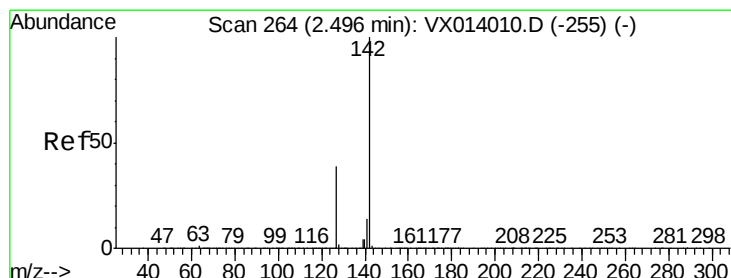
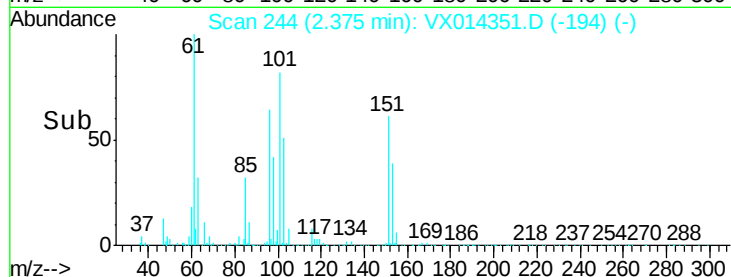
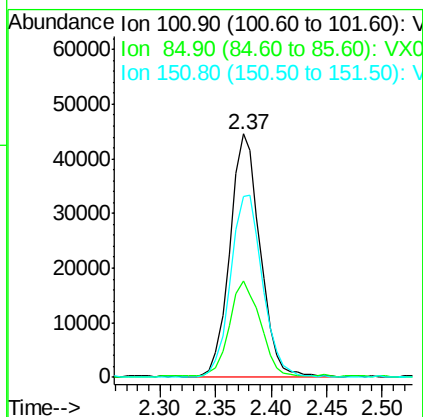
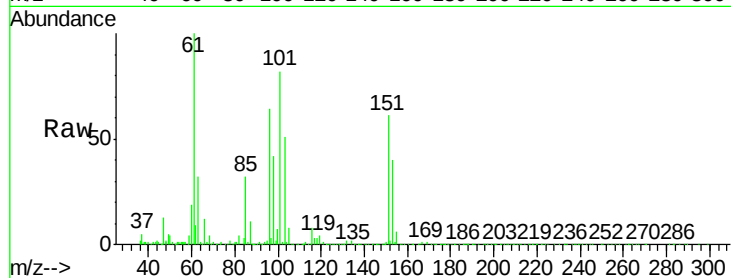
ClientSampleId :

VX1230WBSD02

Tot Ion:	101	Resp:	82769
Ion Ratio	Lower	Upper	
101	100		
85	40.0	33.7	50.5
151	81.4	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 17.234 ug/l

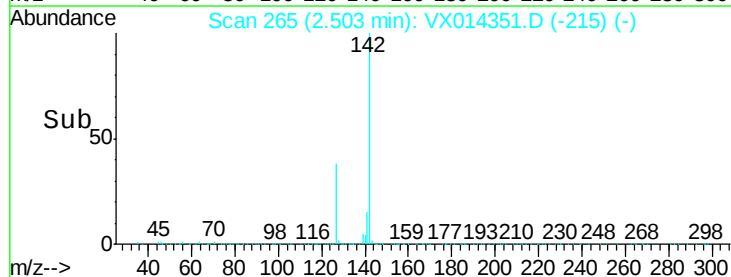
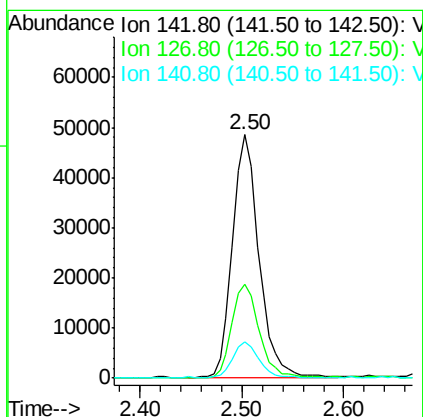
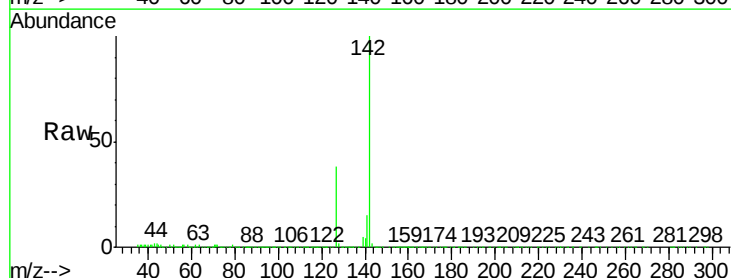
RT: 2.50 min Scan# 265

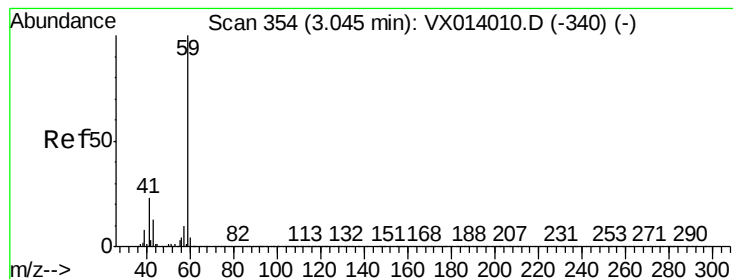
Delta R.T. 0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	142	Resp:	87899
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.6	47.4
141	14.7	11.6	17.4





#11

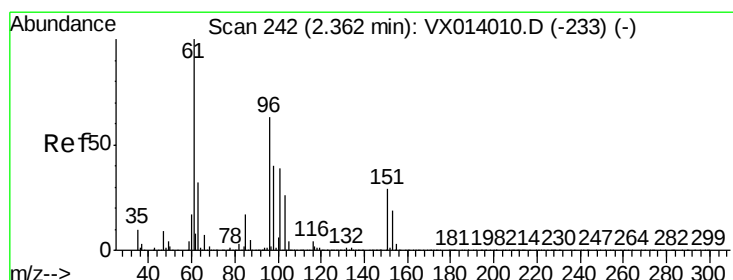
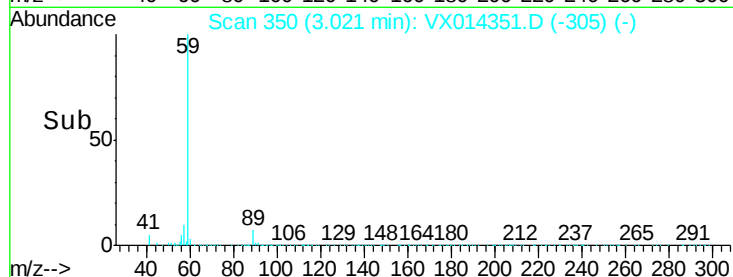
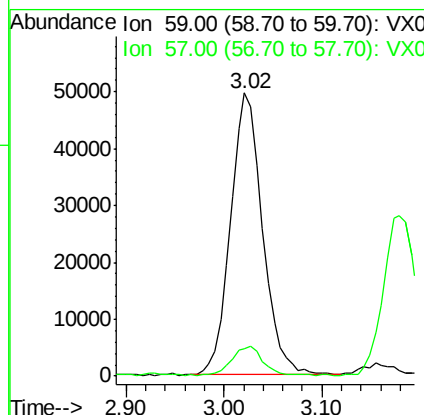
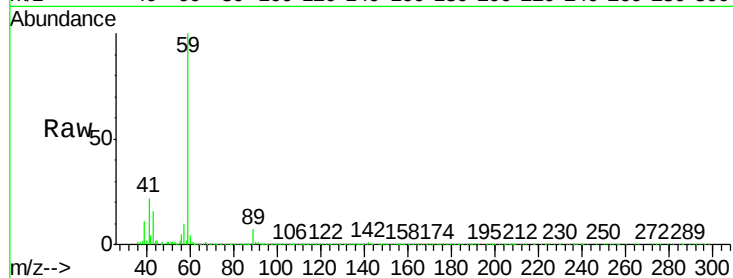
Tert butyl alcohol
Concen: 100.704 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.4	12.6

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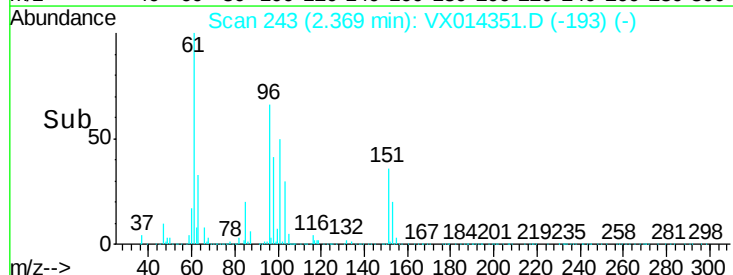
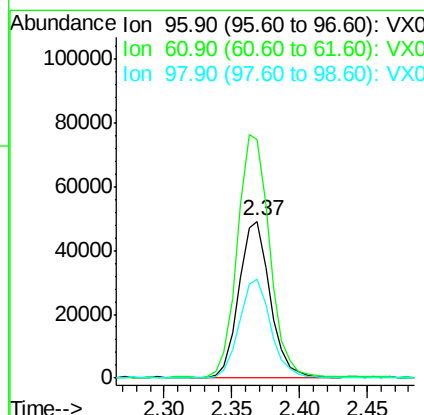
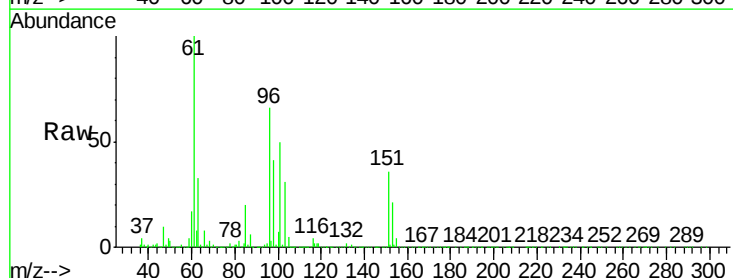
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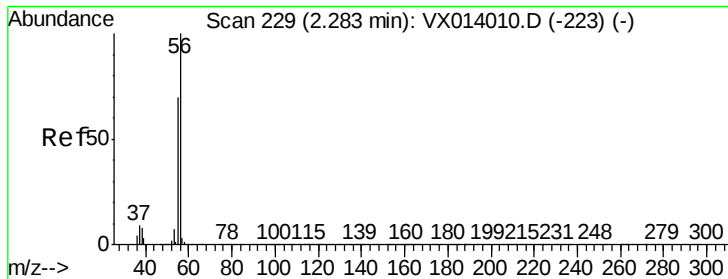


#12

1,1-Dichloroethene
Concen: 17.863 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	127.9	191.9
98	62.8	50.5	75.7





#13

Acrolein

Concen: 87.525 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 56 Resp: 56095

Ion Ratio Lower Upper

56 100

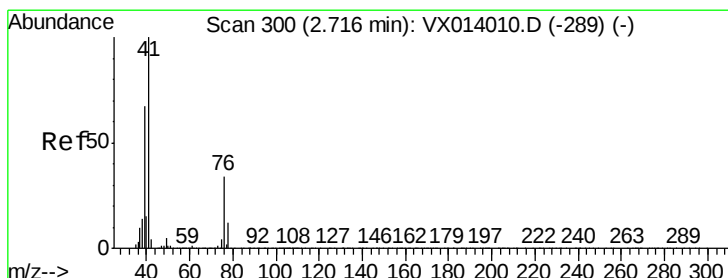
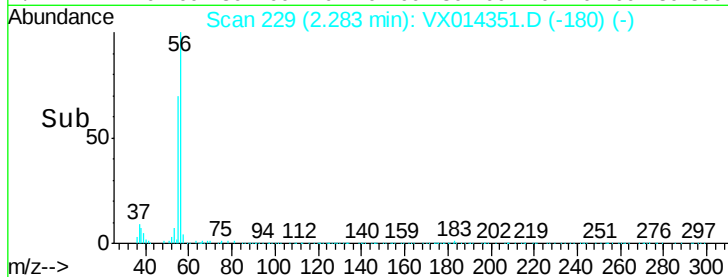
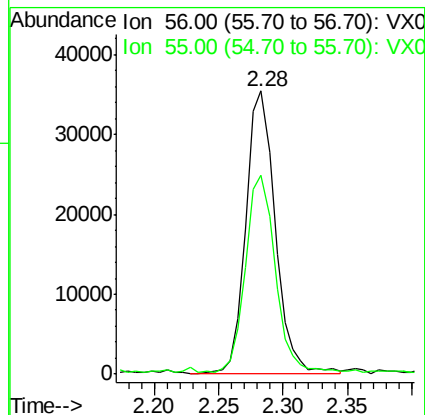
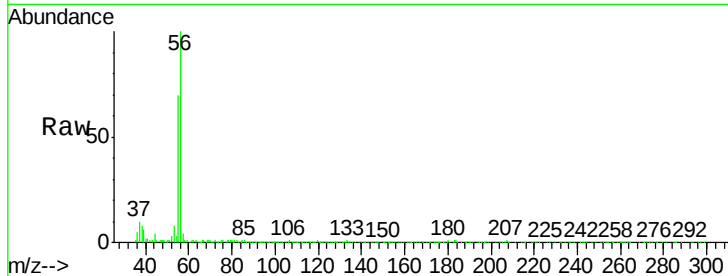
55 69.3 56.9 85.3

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#14

Allyl chloride

Concen: 19.631 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

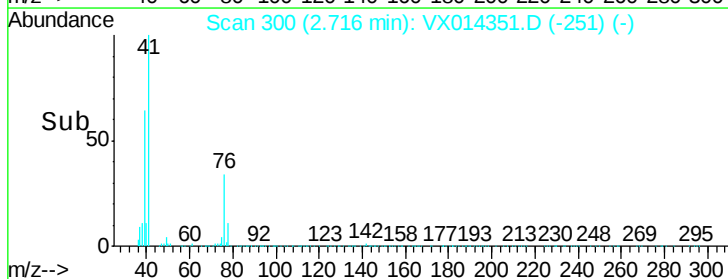
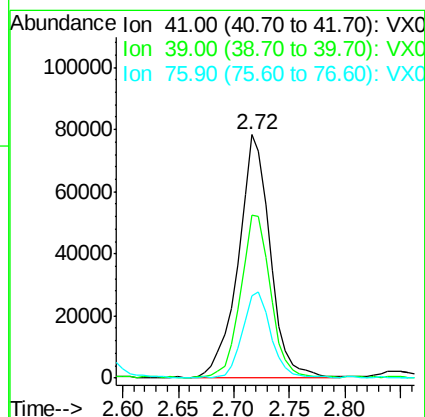
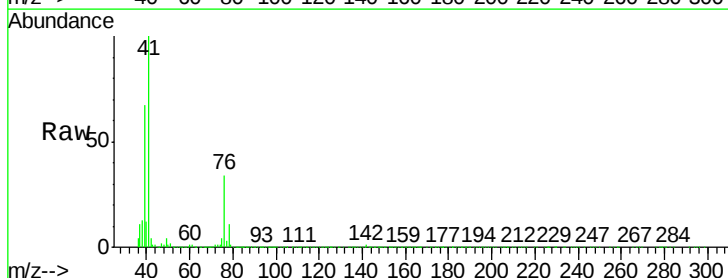
Tgt Ion: 41 Resp: 154151

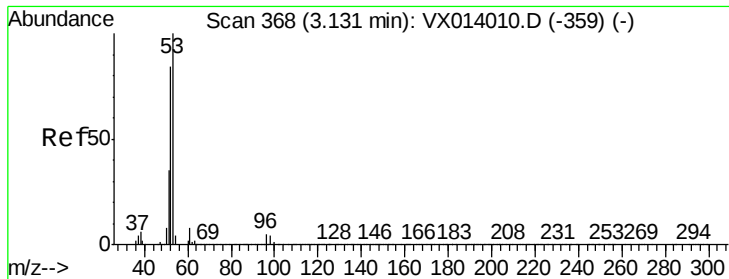
Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 105.517 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

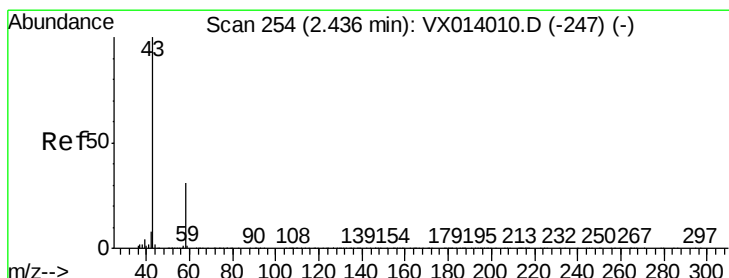
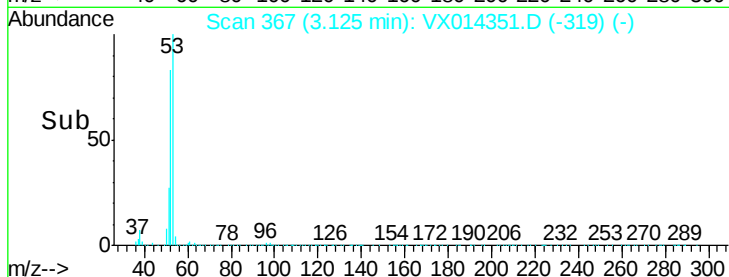
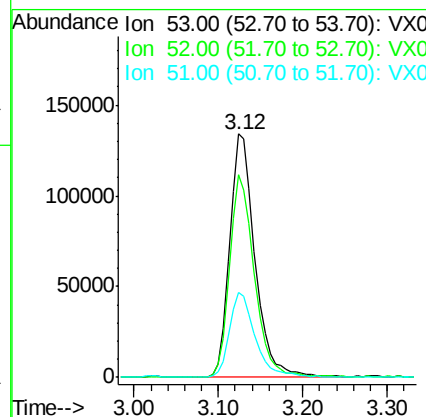
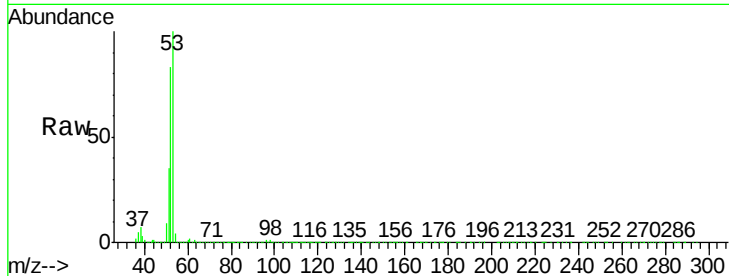
ClientSampleId :

VX1230WBSD02

Tot Ion:	53	Resp:	275745
Ion Ratio		Lower	Upper
53	100		
52	81.1	66.5	99.7
51	35.4	28.1	42.1

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#16

Acetone

Concen: 73.644 ug/l

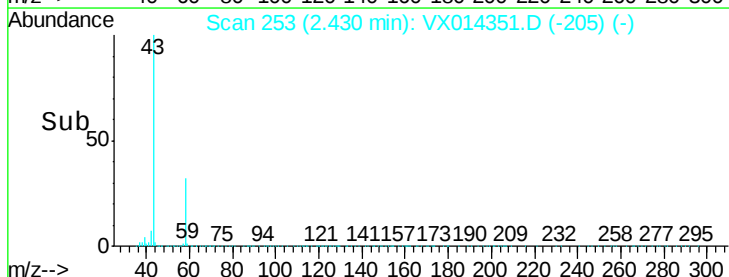
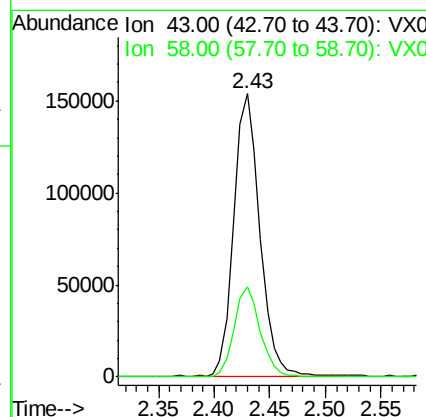
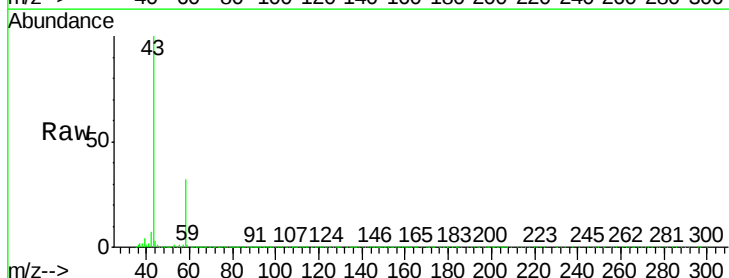
RT: 2.43 min Scan# 253

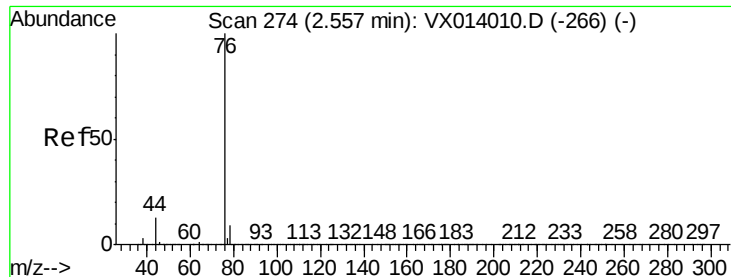
Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	43	Resp:	247735
Ion Ratio		Lower	Upper
43	100		
58	31.9	24.9	37.3





#17

Carbon Disulfide

Concen: 16.516 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 76 Resp: 195415

Ion Ratio Lower Upper

76 100

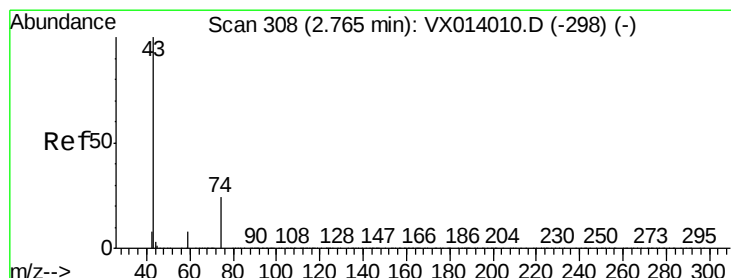
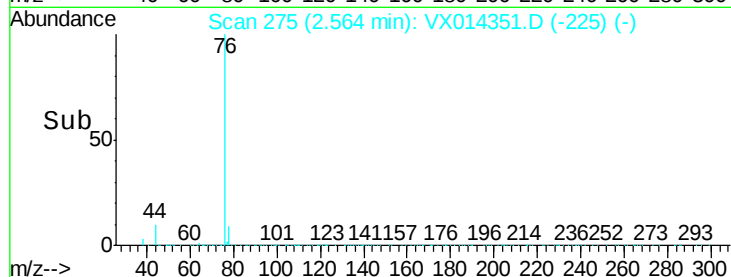
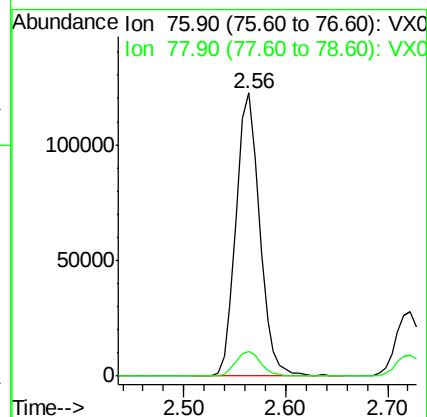
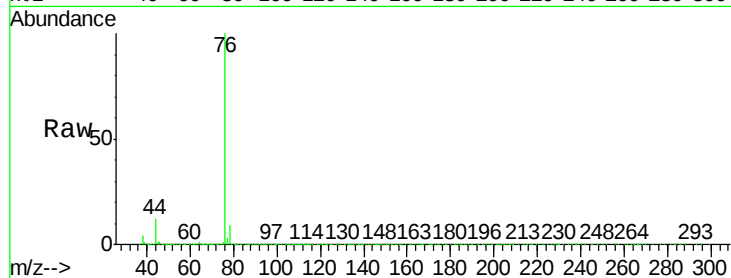
78 8.8 7.2 10.8

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#18

Methyl Acetate

Concen: 21.224 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014351.D

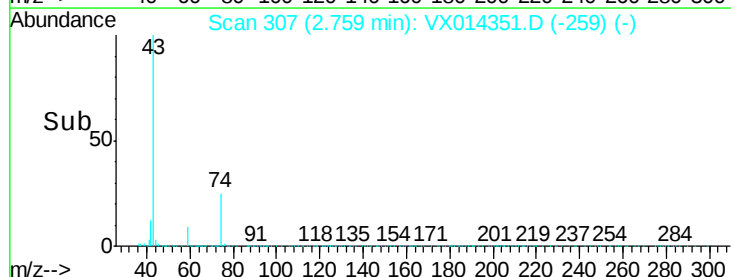
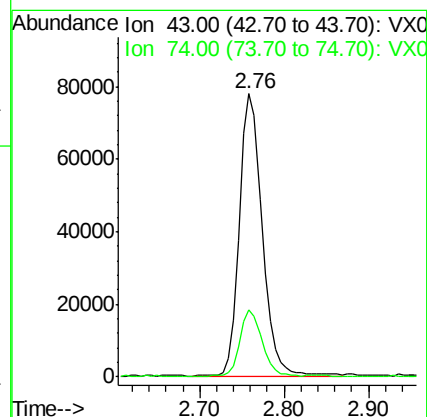
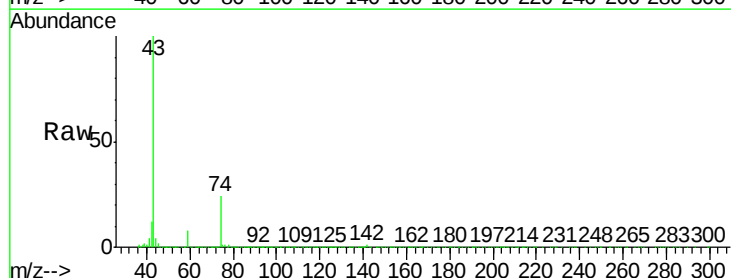
Acq: 30 Dec 2019 14:13

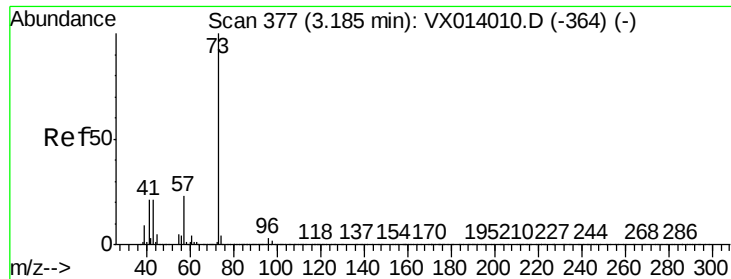
Tgt Ion: 43 Resp: 141476

Ion Ratio Lower Upper

43 100

74 23.1 19.5 29.3





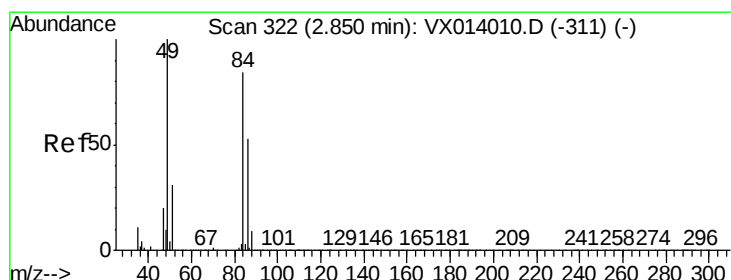
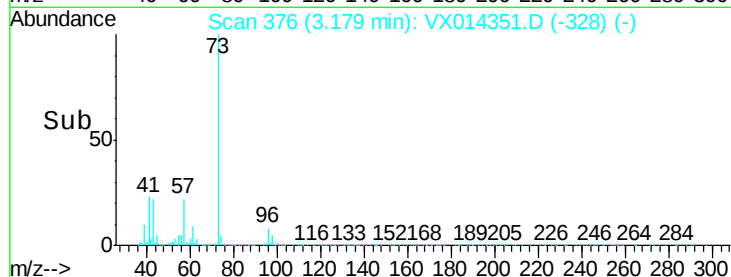
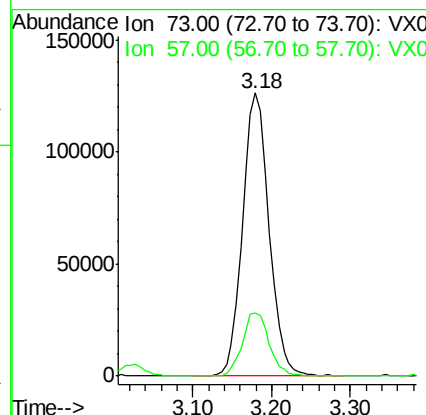
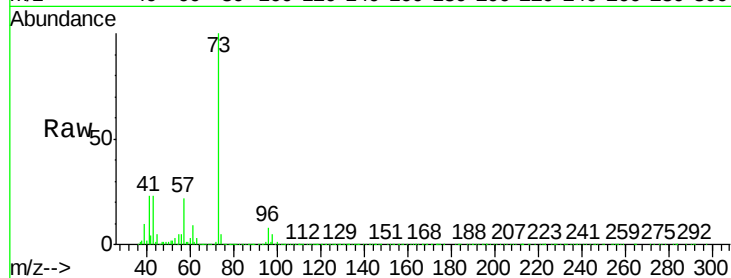
#19
Methyl tert-butyl Ether
Concen: 20.381 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

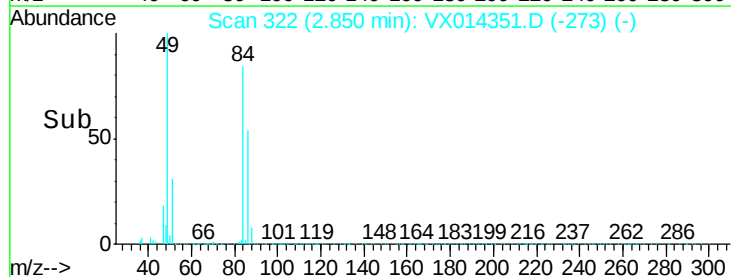
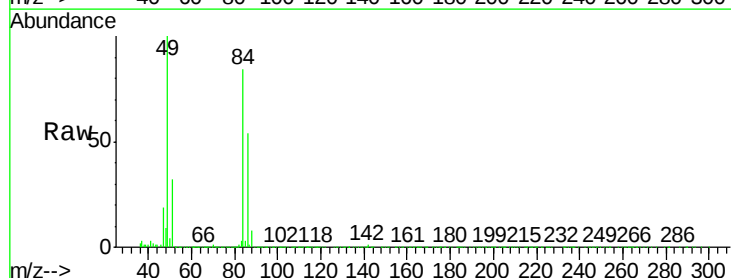
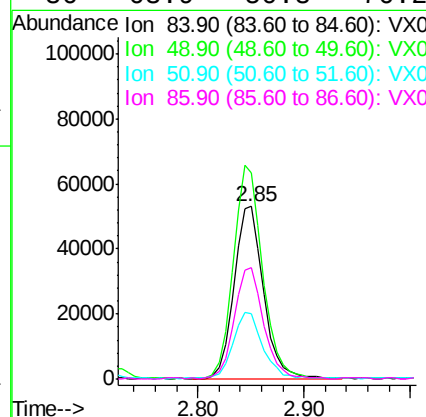
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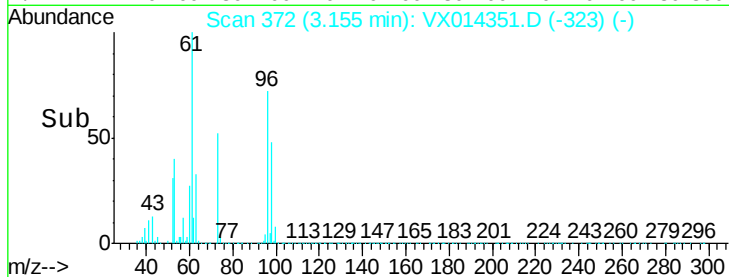
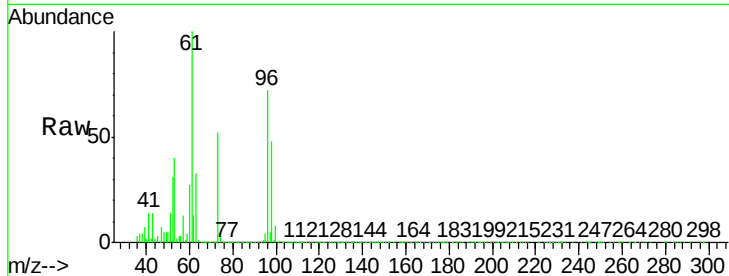
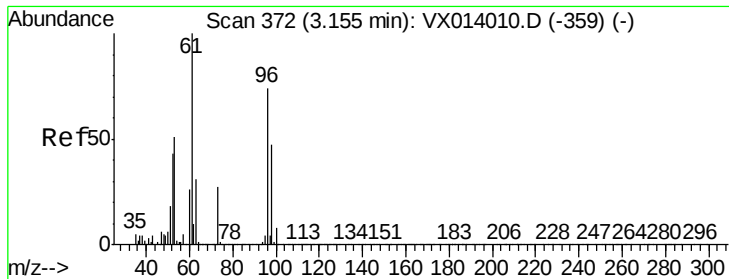
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#20
Methylene Chloride
Concen: 19.333 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	95.8	143.6
51	37.2	29.8	44.8
86	63.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.336 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014351.D

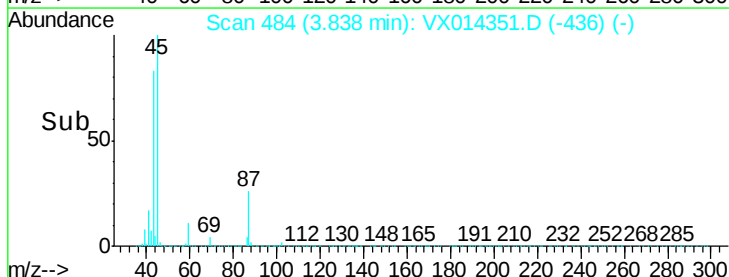
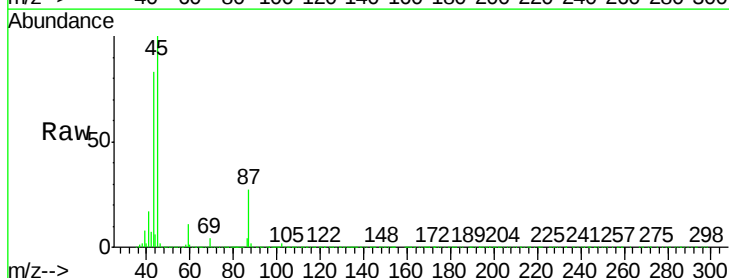
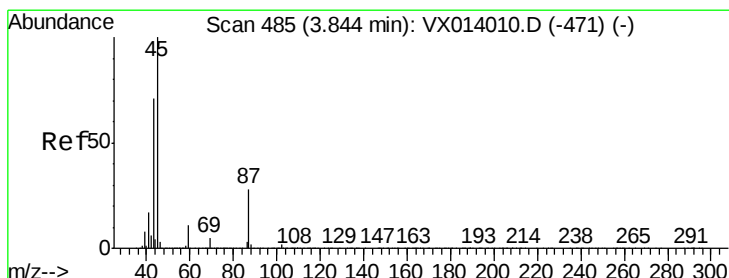
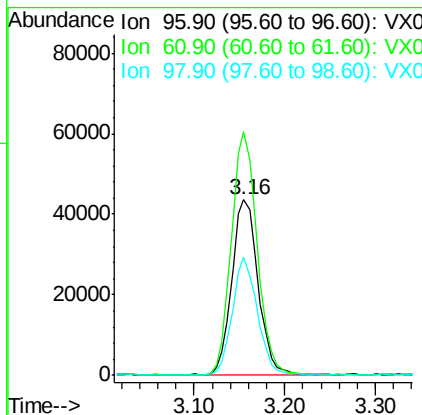
Acq: 30 Dec 2019 14:13

Tot Ion:	96	Resp:	88840
Ion Ratio	Lower	Upper	
96	100		
61	138.4	108.3	162.5
98	66.5	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

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#22

Diisopropyl ether

Concen: 20.954 ug/l

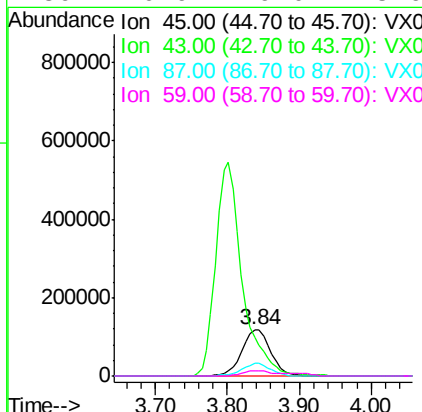
RT: 3.84 min Scan# 484

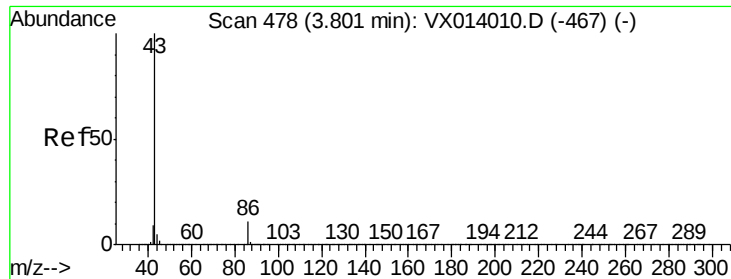
Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	45	Resp:	327873
Ion Ratio	Lower	Upper	
45	100		
43	83.0	57.4	86.0
87	26.7	21.9	32.9
59	10.9	9.0	13.6





#23

Vinyl Acetate

Concen: 109.572 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 43 Resp: 1399150

Ion Ratio Lower Upper

43 100

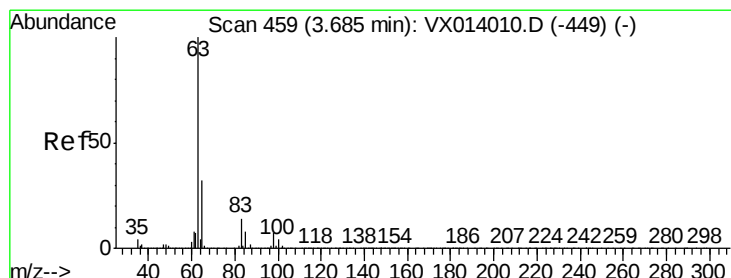
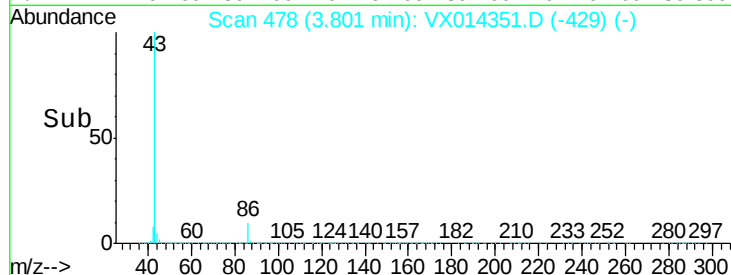
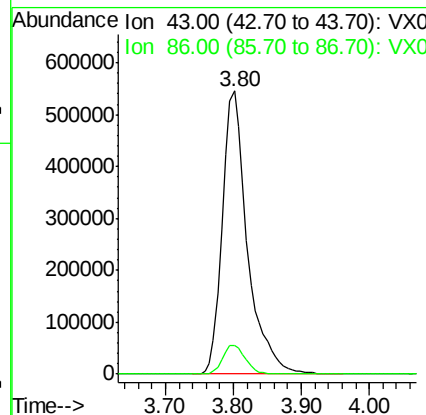
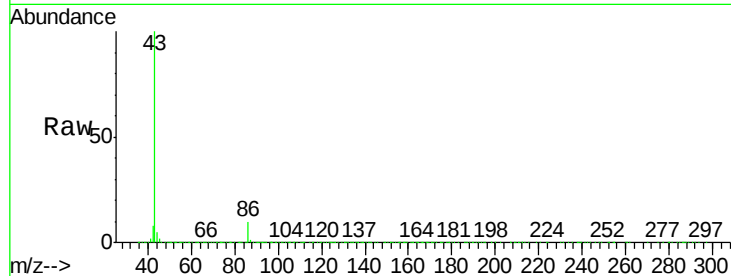
86 10.0 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.228 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

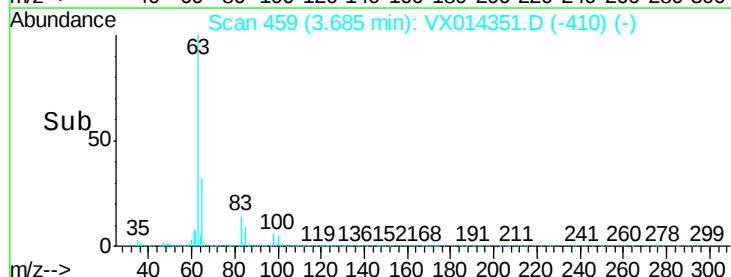
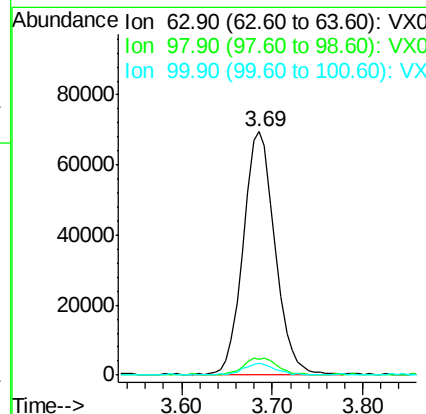
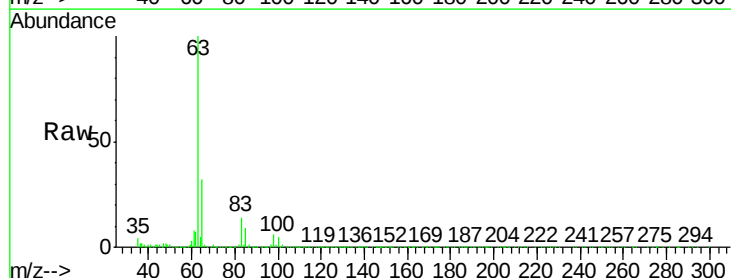
Tgt Ion: 63 Resp: 167395

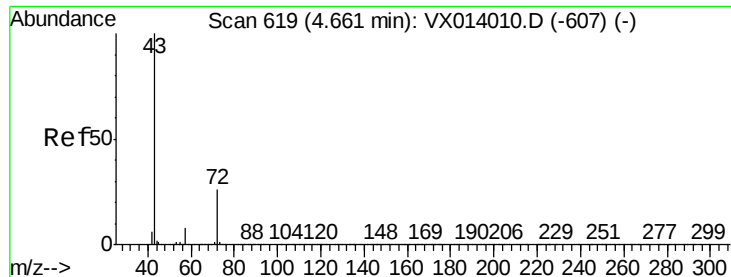
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 92.212 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 43 Resp: 382435

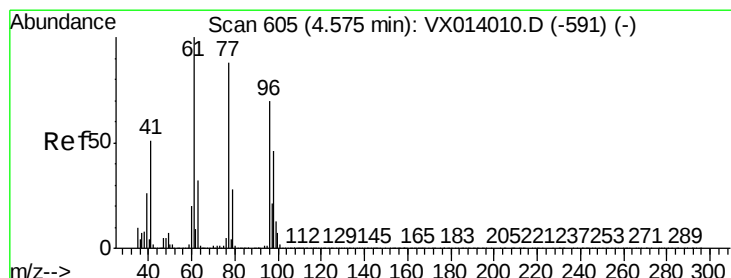
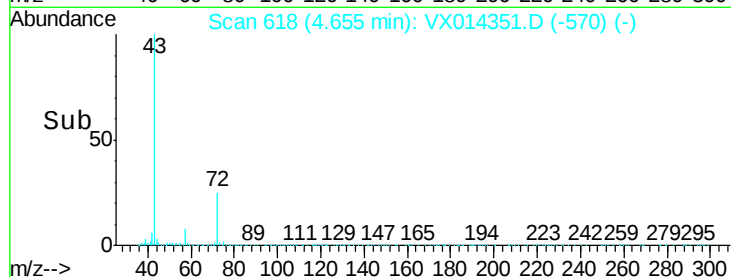
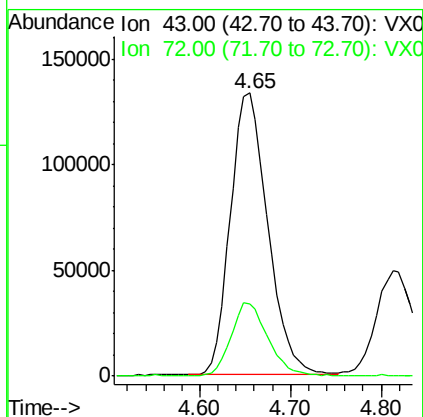
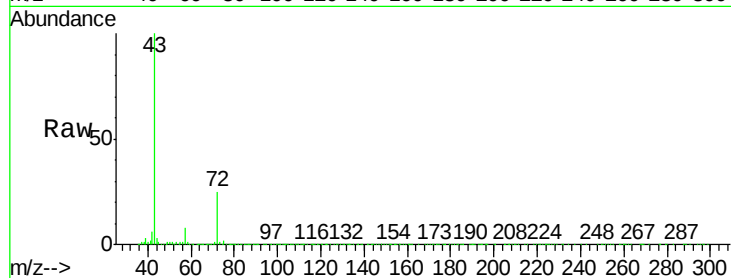
Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 19.066 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014351.D

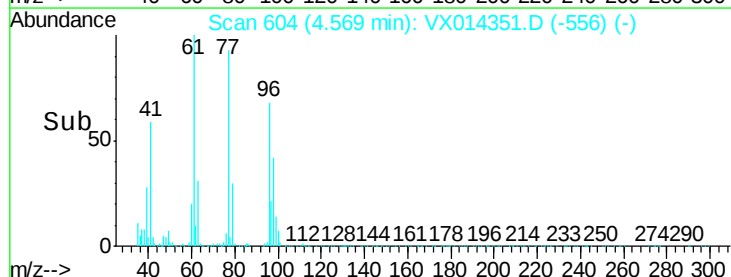
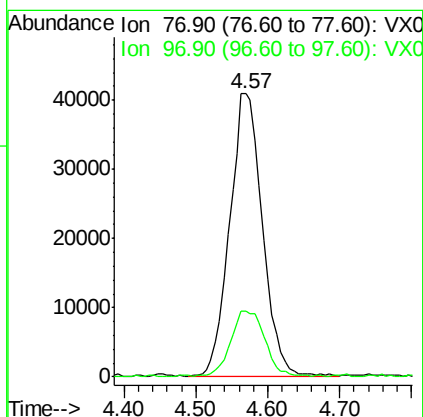
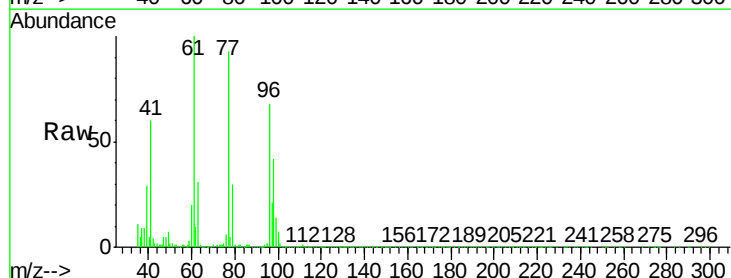
Acq: 30 Dec 2019 14:13

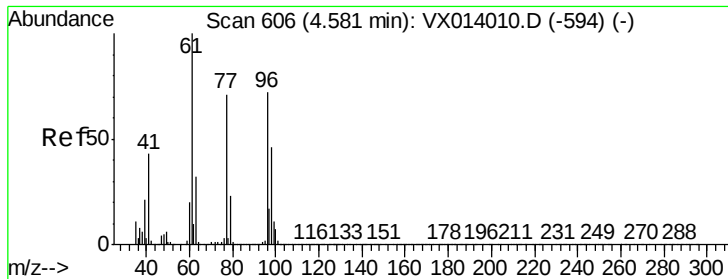
Tgt Ion: 77 Resp: 128869

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

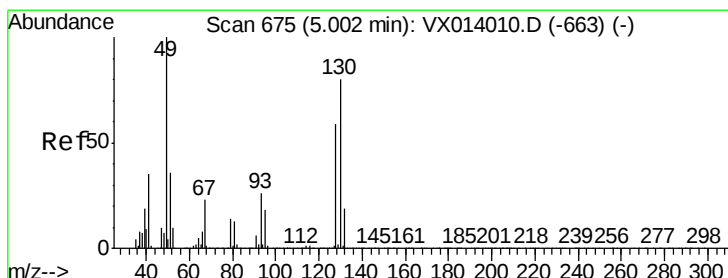
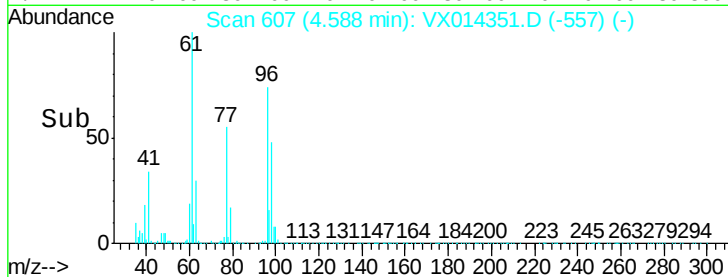
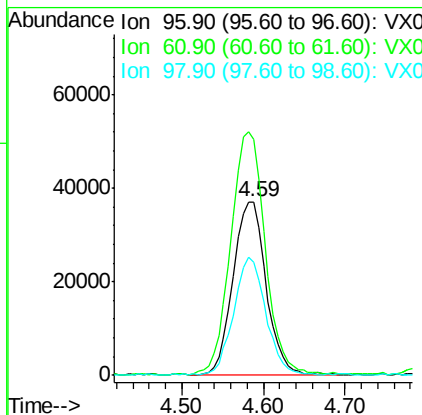
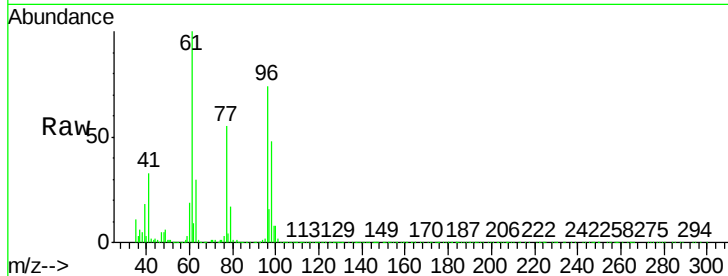
cis-1,2-Dichloroethene
 Concen: 18.987 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	104039		
61	144.6	0.0	288.4	
98	66.3	0.0	129.6	

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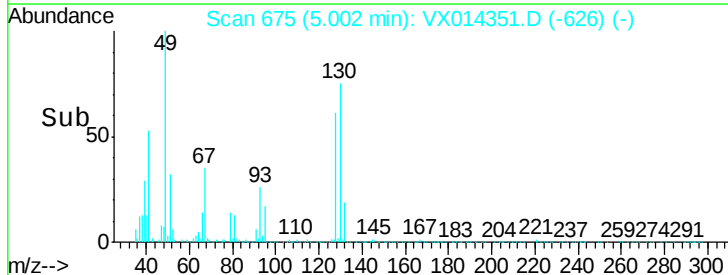
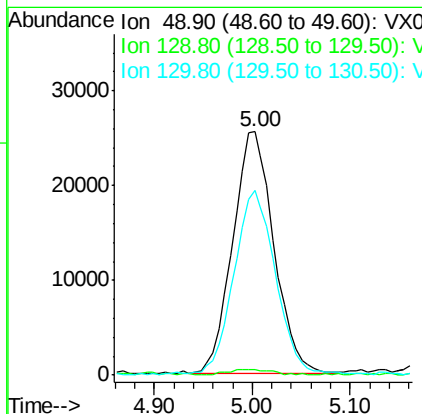
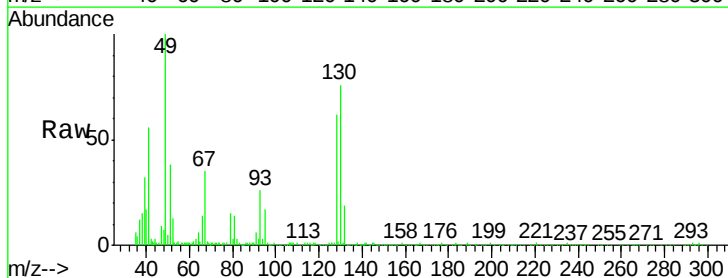
apatel
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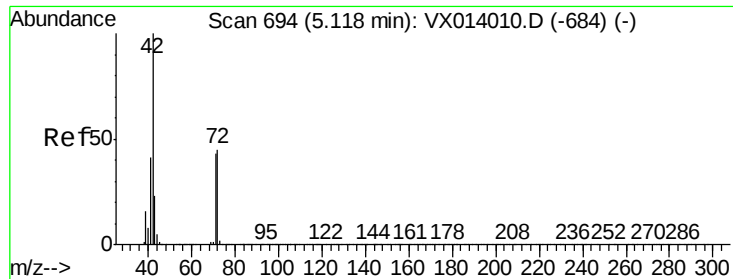


#28

Bromochloromethane
 Concen: 22.416 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74205		
129	2.4	0.0	5.0	
130	78.2	64.6	97.0	





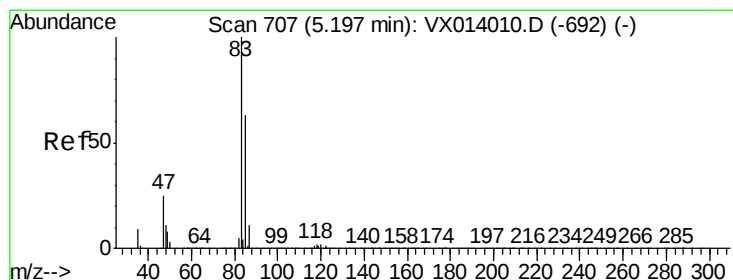
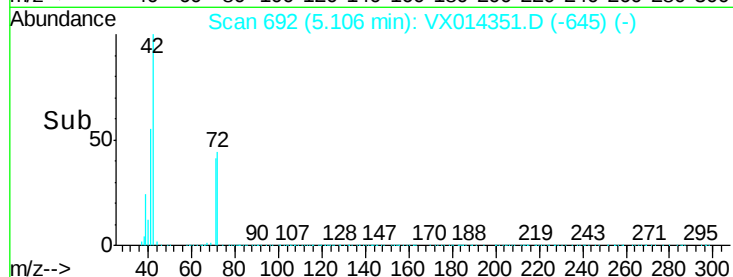
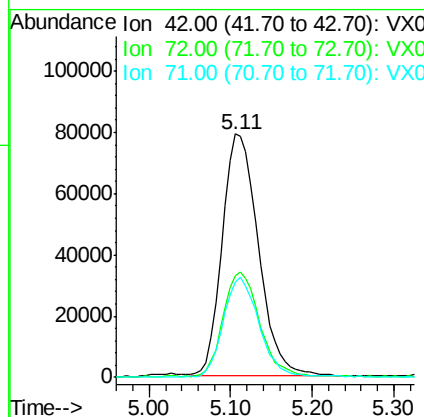
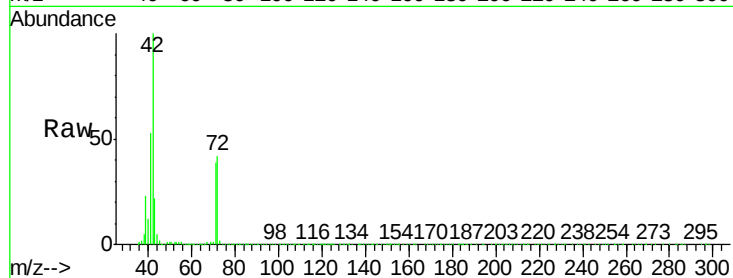
#29
Tetrahydrofuran
Concen: 104.751 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.8	53.8
71	40.4	33.6	50.4

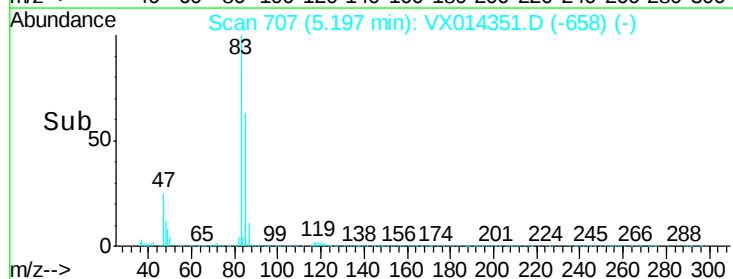
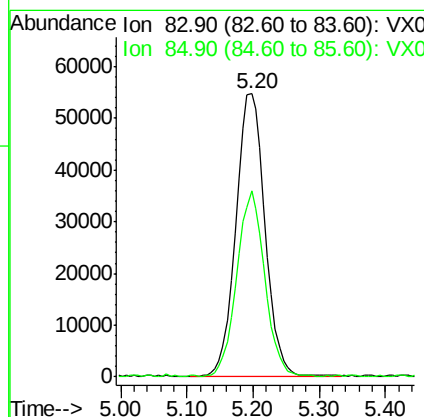
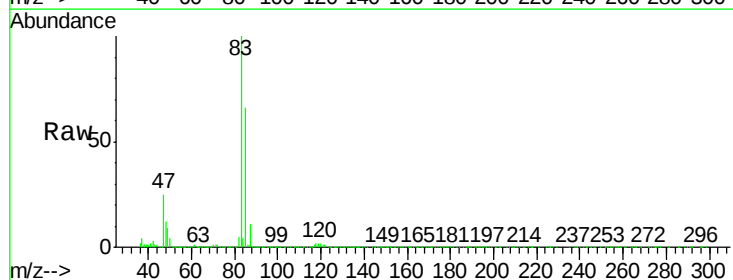
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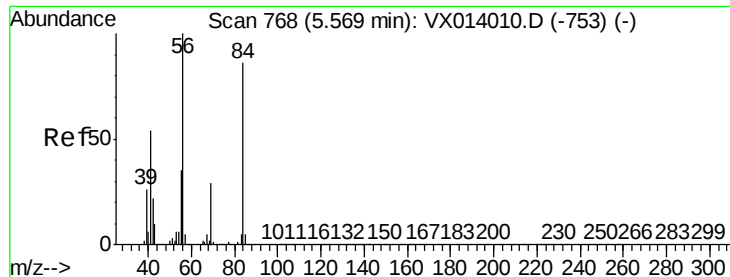
apatel
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#30
Chloroform
Concen: 20.370 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.8	76.2





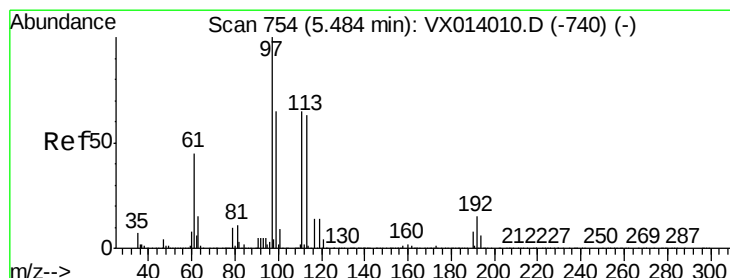
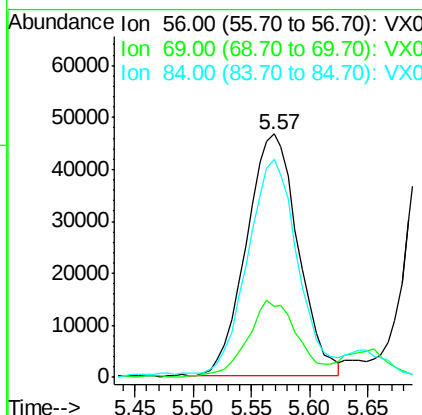
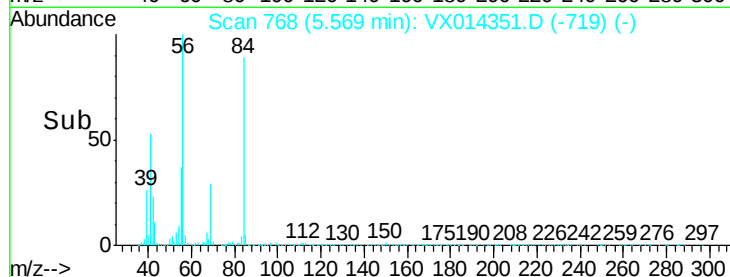
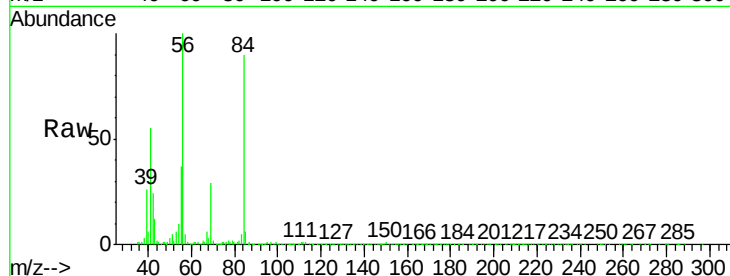
#31
Cvclohexane
Concen: 18.602 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.2	34.8
84	88.4	69.2	103.8

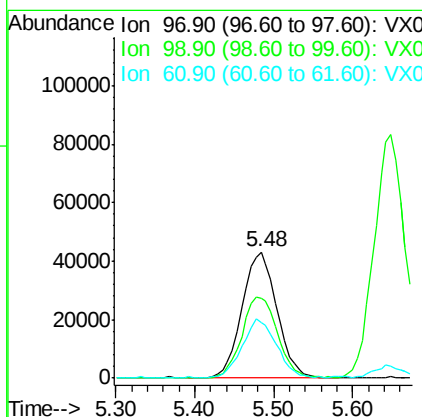
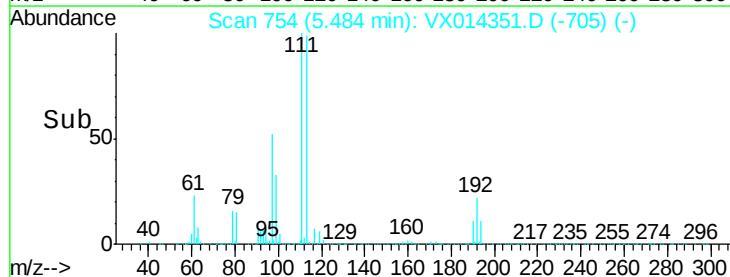
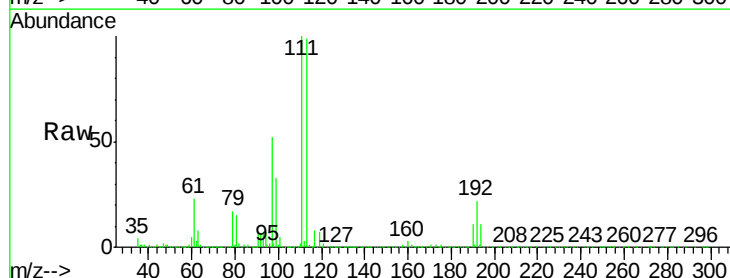
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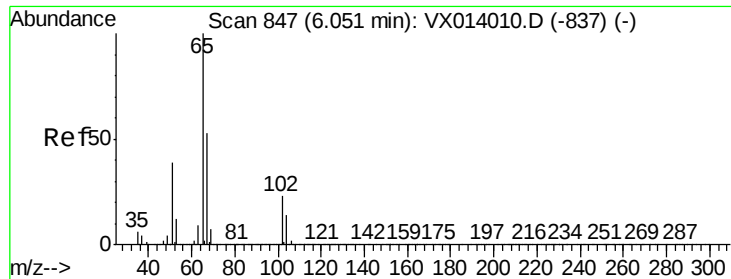
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#32
1,1,1-Trichloroethane
Concen: 18.720 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.0	78.0
61	45.0	36.7	55.1





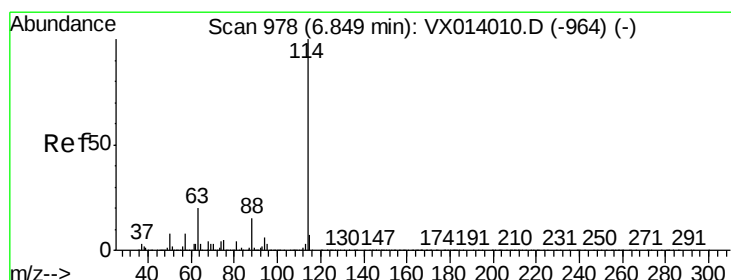
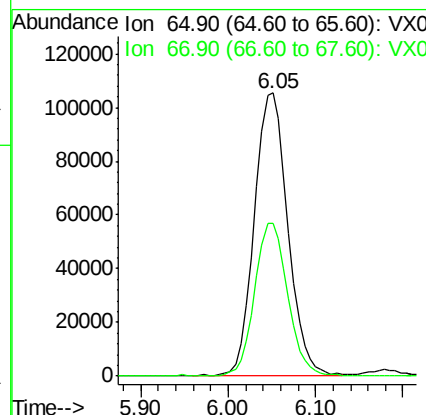
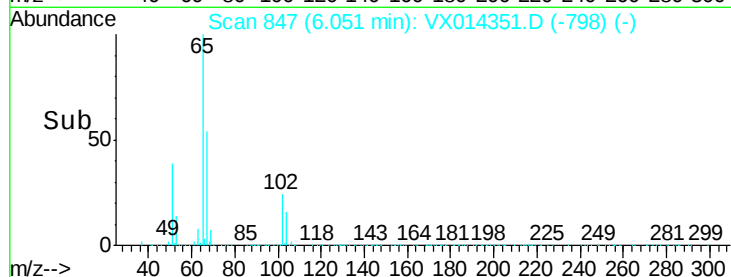
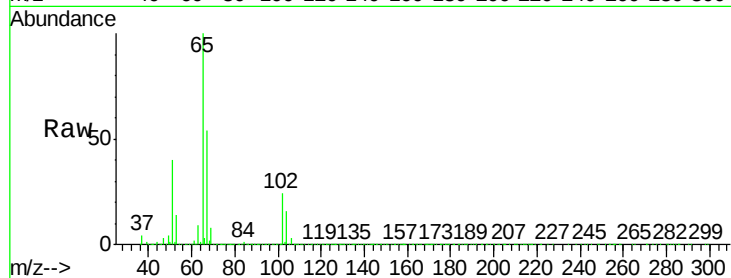
#33
 1,2-Dichloroethane-d4
 Concen: 54.007 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	279843		
67	53.1	0.0	106.4	

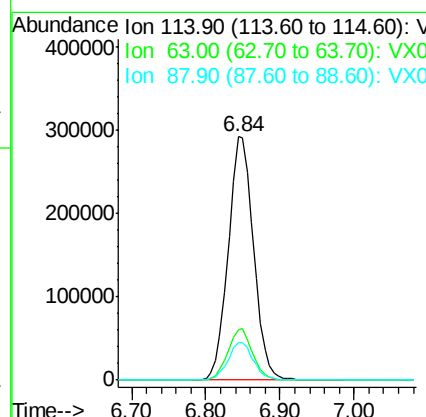
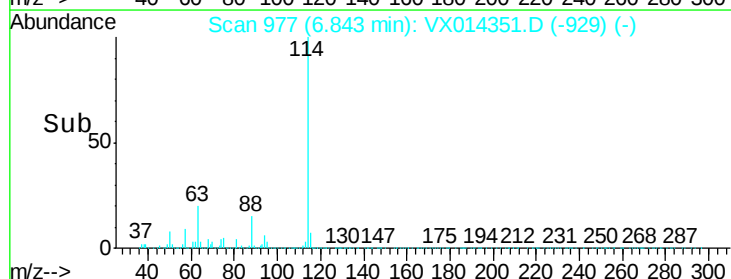
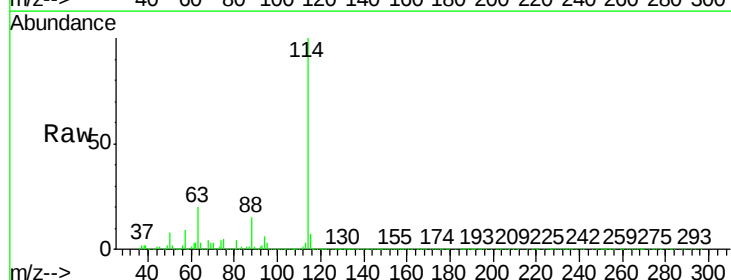
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	692318		
63	20.4	0.0	40.8	
88	15.1	0.0	30.4	





#35

Dibromofluoromethane

Concen: 54.676 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

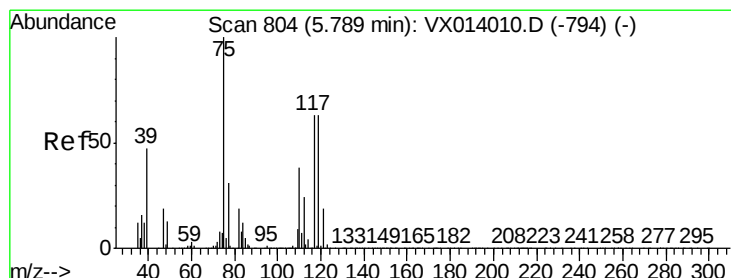
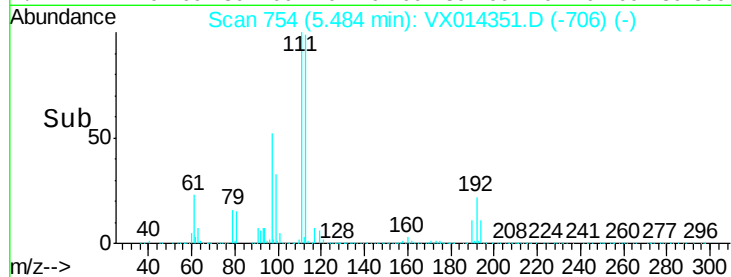
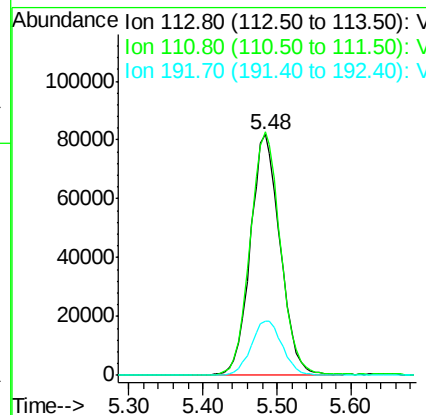
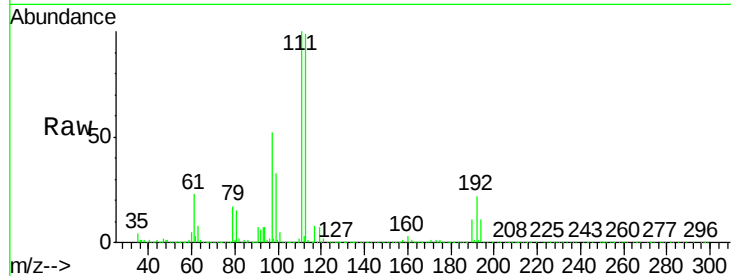
ClientSampleId :

VX1230WBSD02

Tot Ion:	113	Resp:	230105
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.0	123.0
192	23.5	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 18.672 ug/l

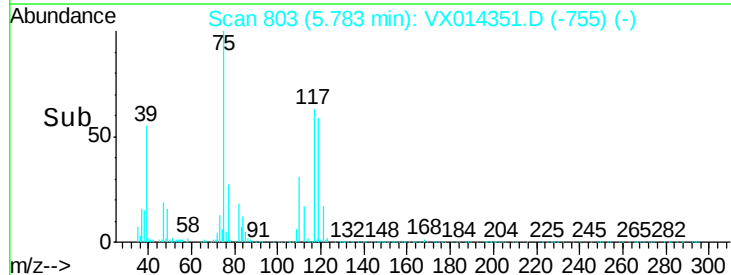
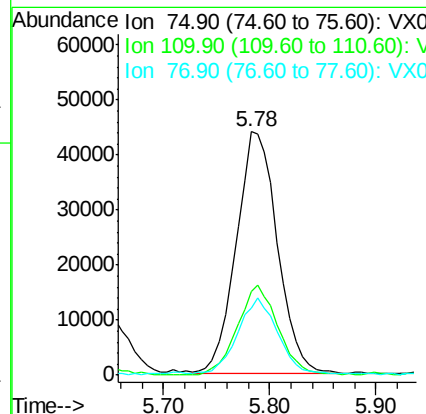
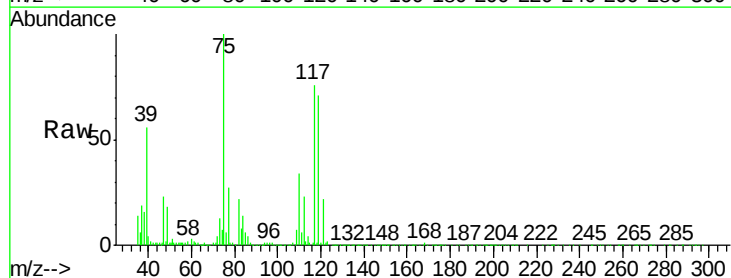
RT: 5.78 min Scan# 803

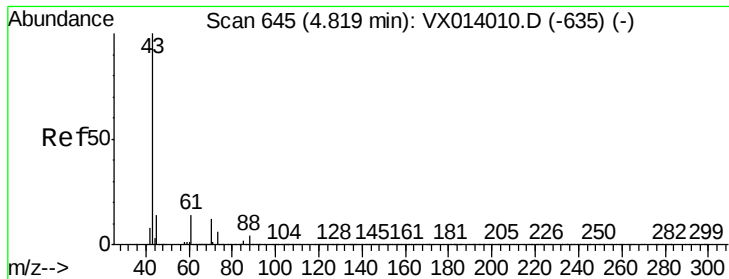
Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	75	Resp:	118612
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.3	54.9
77	30.9	24.8	37.2





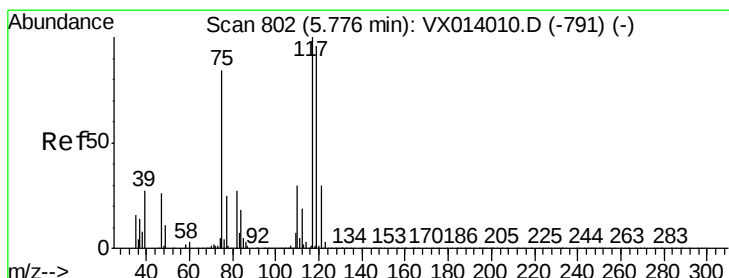
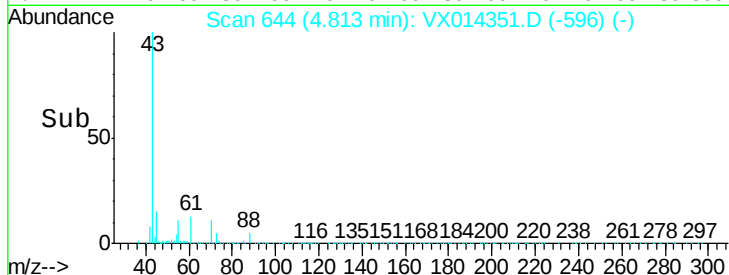
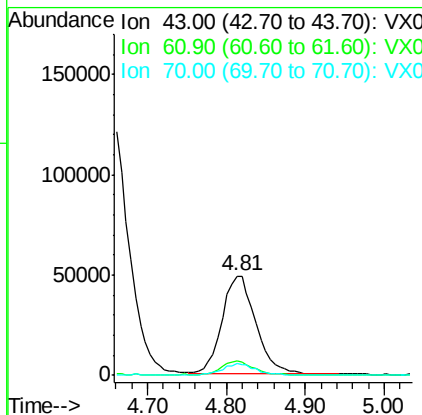
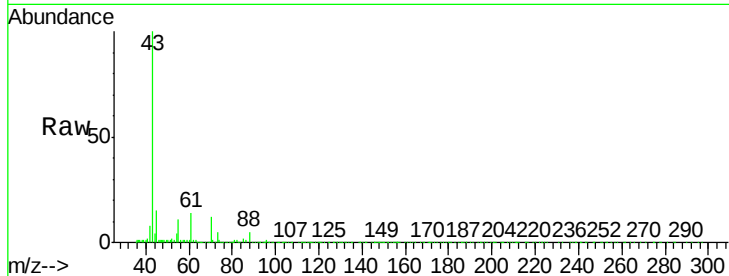
#37
Ethyl Acetate
Concen: 21.101 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.8	8.6	12.8

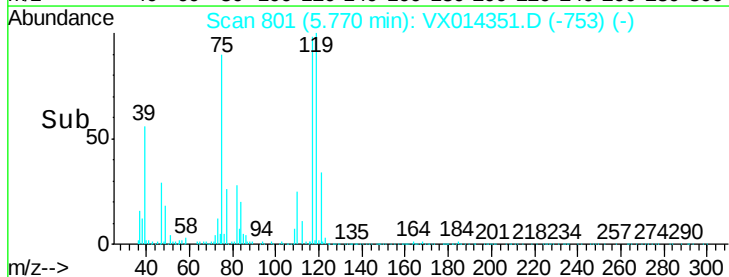
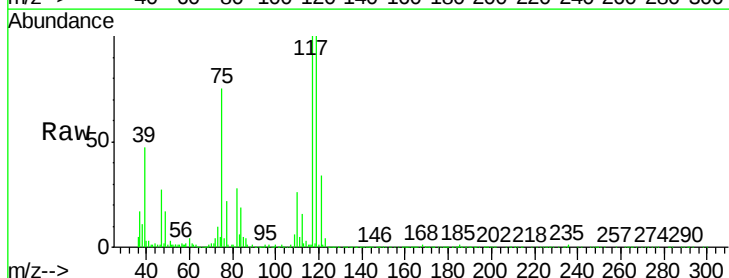
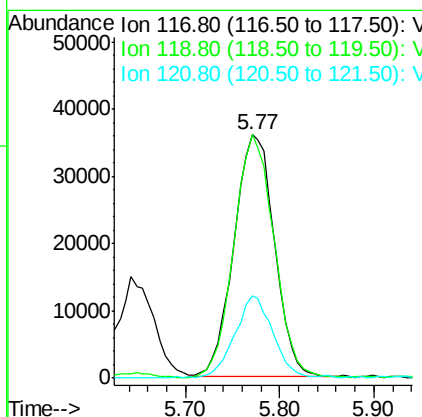
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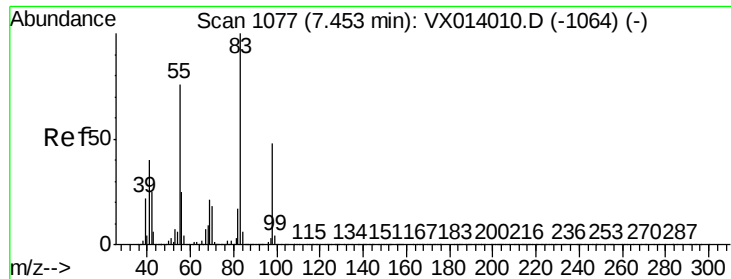
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#38
Carbon Tetrachloride
Concen: 18.673 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.2	114.4
121	33.5	23.6	35.4





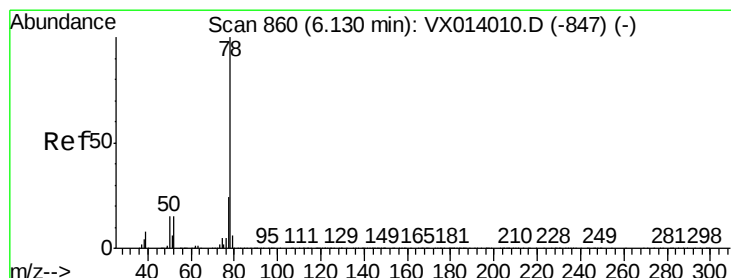
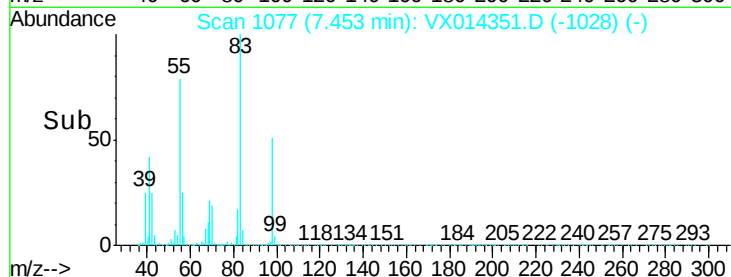
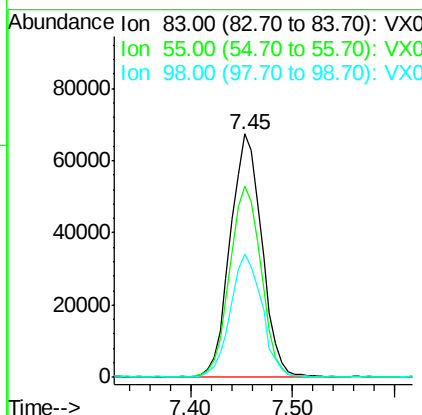
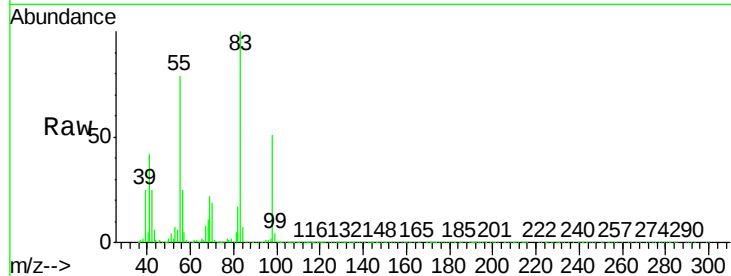
#39
Methvlcvclohexane
Concen: 18.434 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.0	91.6
98	50.4	38.6	57.8

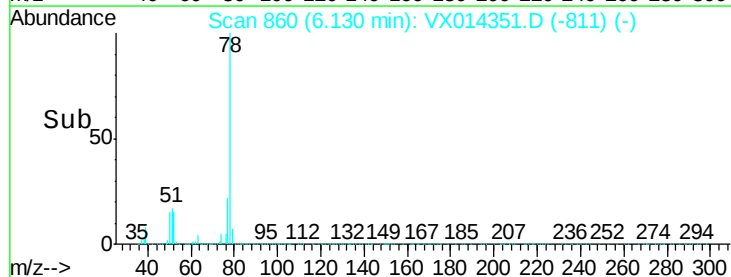
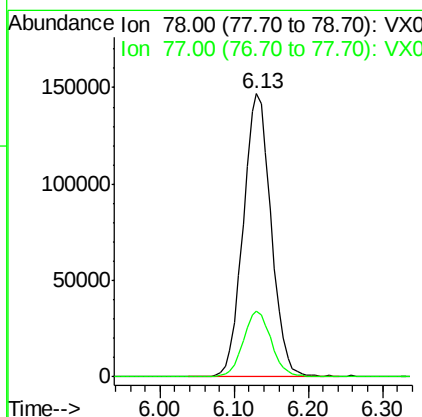
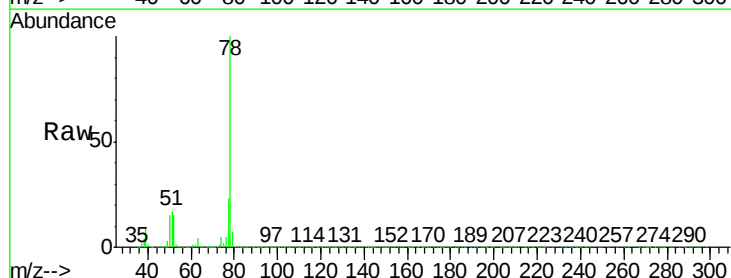
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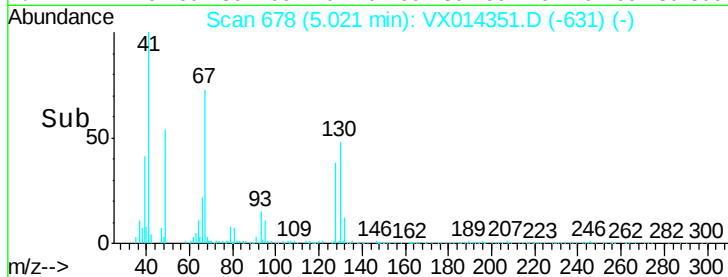
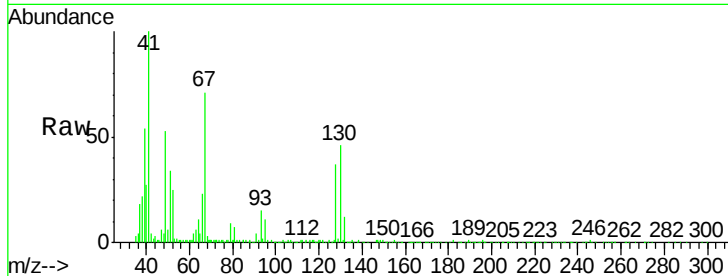
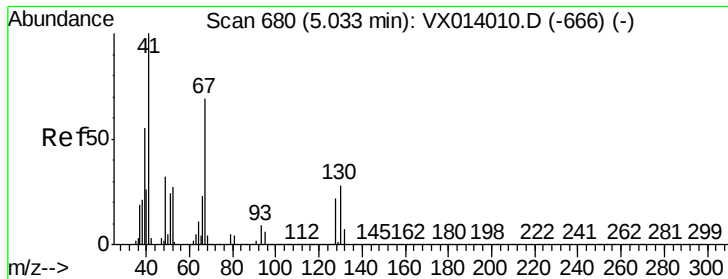
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#40
Benzene
Concen: 19.666 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2





#41

Methacrylonitrile

Concen: 20.569 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tot Ion	41	Resp	80059
Ion	Ratio	Lower	Upper
41	100		
39	52.8	44.5	66.7
67	72.1	57.4	86.0
52	27.9	23.0	34.4

Instrument :

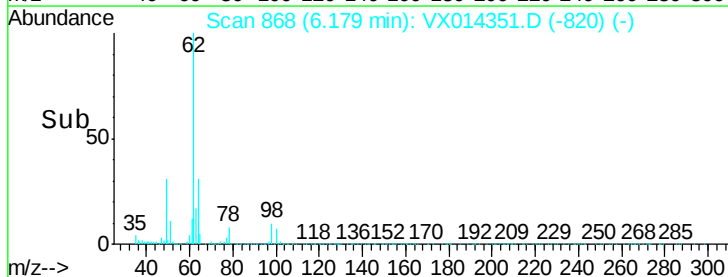
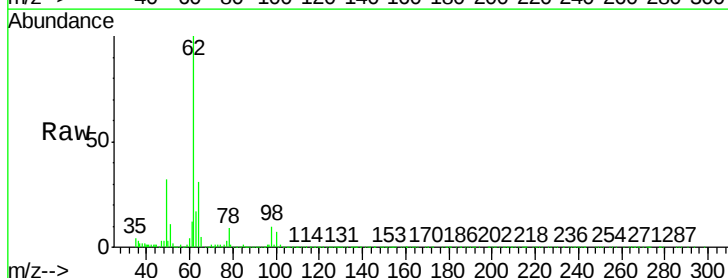
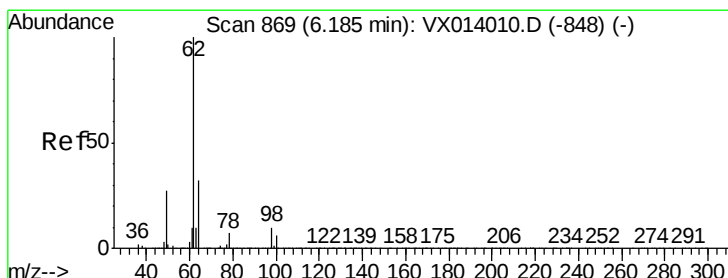
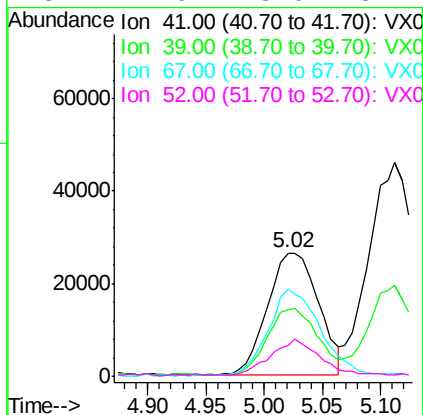
MSVOA_X

ClientSampleId :

VX1230WBSD02

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#42

1,2-Dichloroethane

Concen: 20.103 ug/l

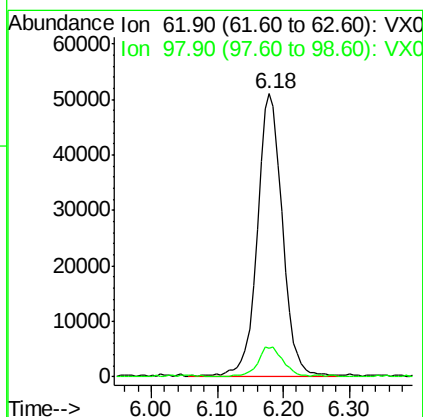
RT: 6.18 min Scan# 868

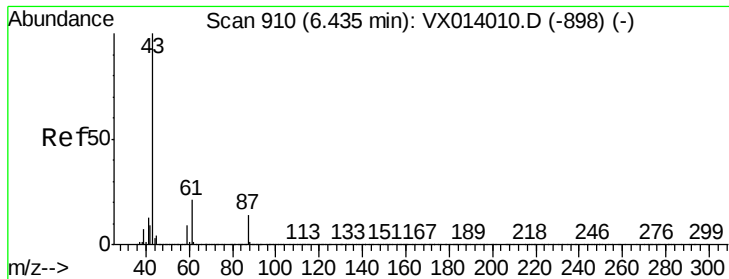
Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion	62	Resp	133191
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

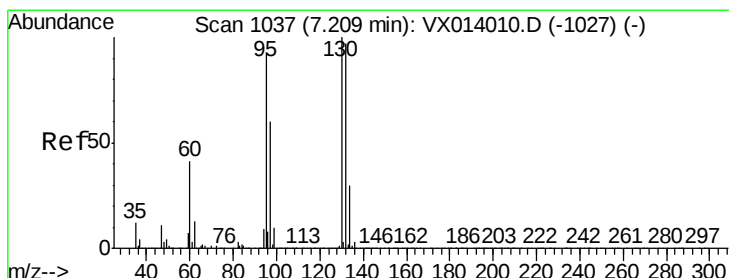
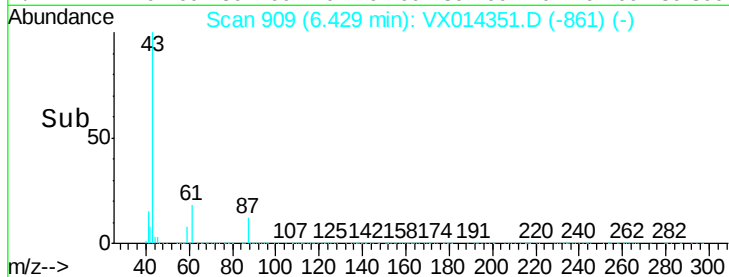
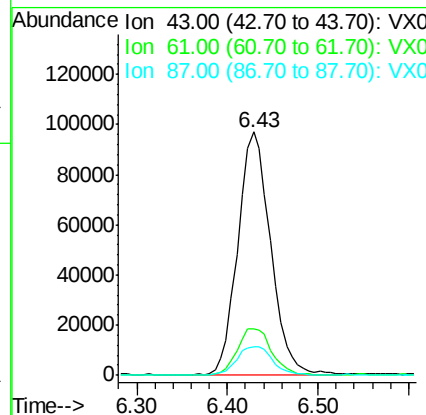
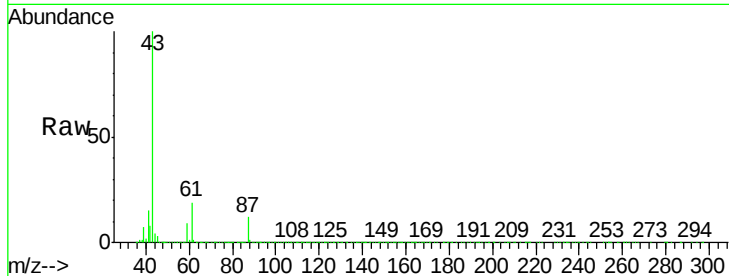
Isopropyl Acetate
 Concen: 20.917 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	12.7	10.7	16.1

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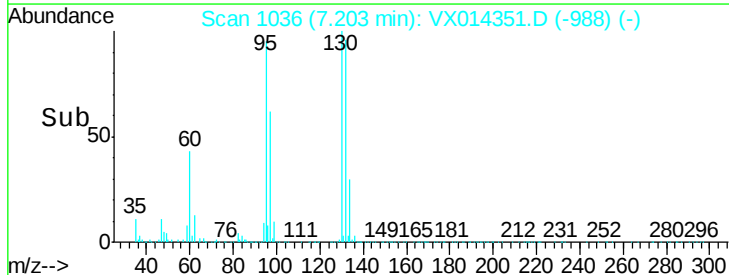
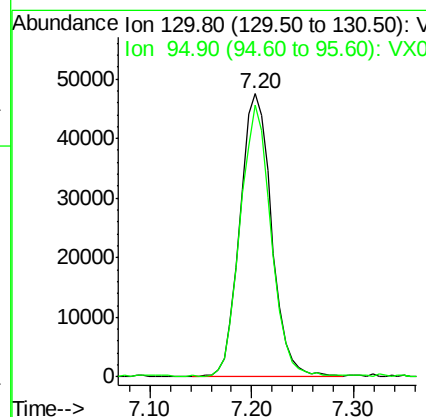
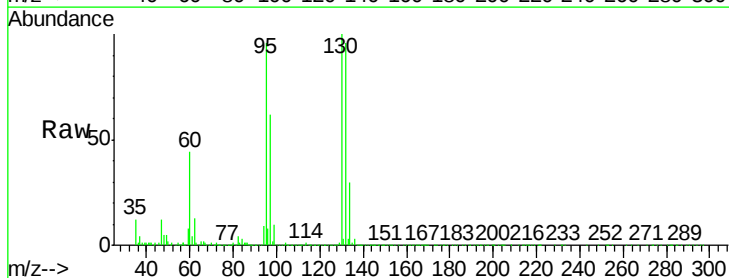
apatel
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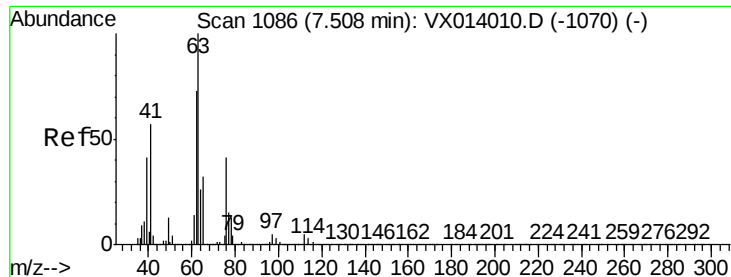


#44

Trichloroethene
 Concen: 18.961 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	185.6





#45

1,2-Dichloropropane

Concen: 20.746 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 63 Resp: 103934

Ion Ratio Lower Upper

63 100

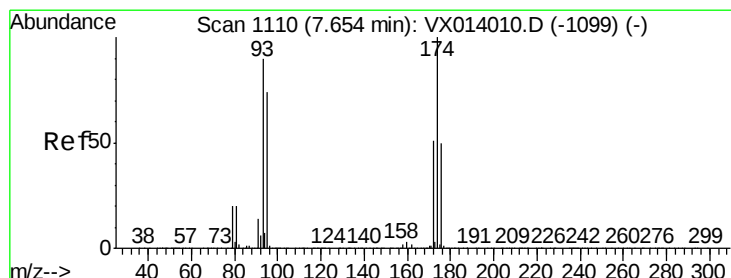
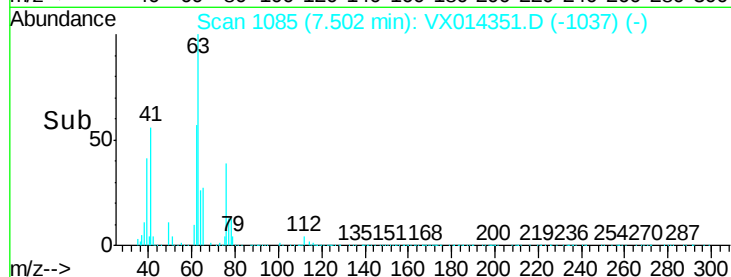
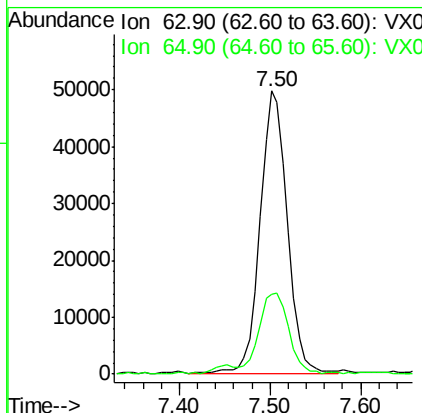
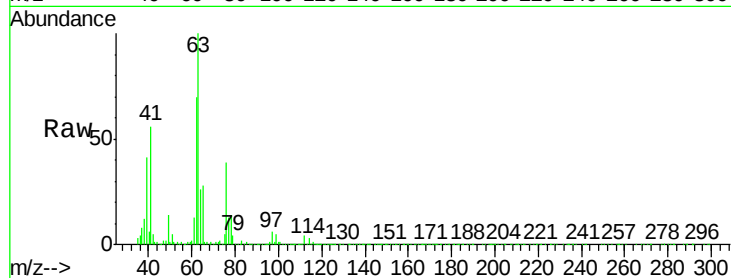
65 27.9 25.8 38.8

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#46

Dibromomethane

Concen: 20.277 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

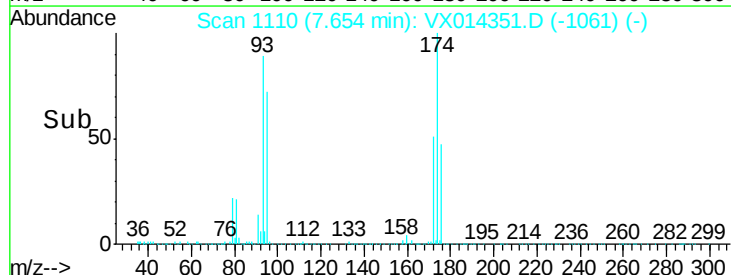
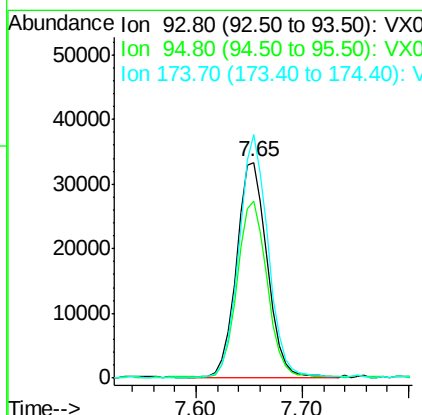
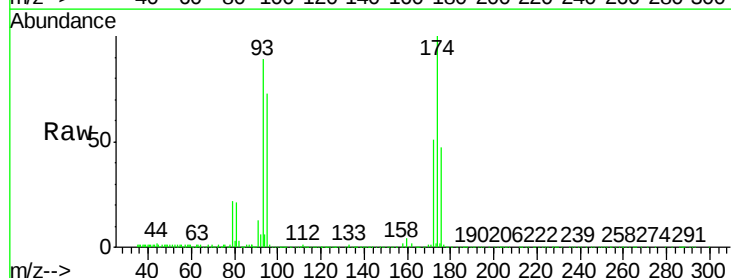
Tgt Ion: 93 Resp: 67161

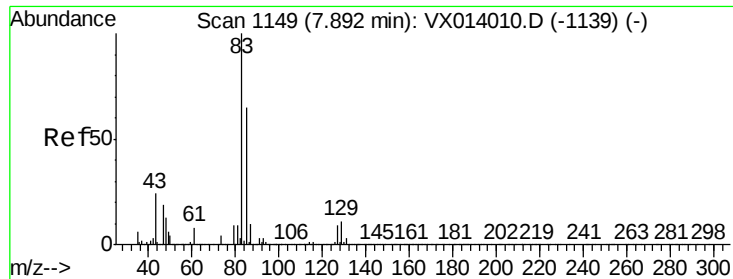
Ion Ratio Lower Upper

93 100

95 80.4 67.3 100.9

174 108.5 91.6 137.4





#47

Bromodichloromethane

Concen: 20.212 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

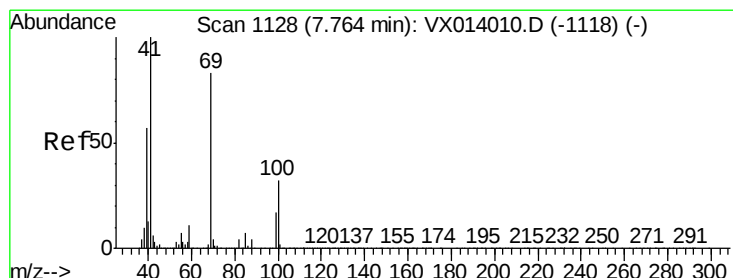
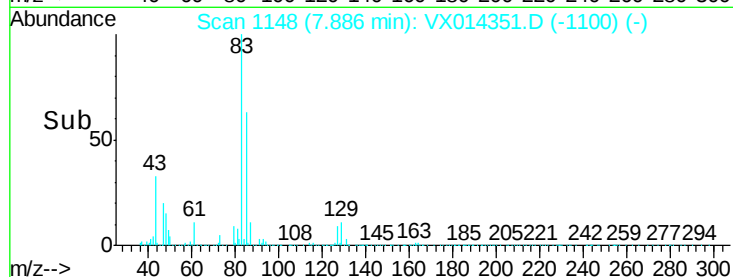
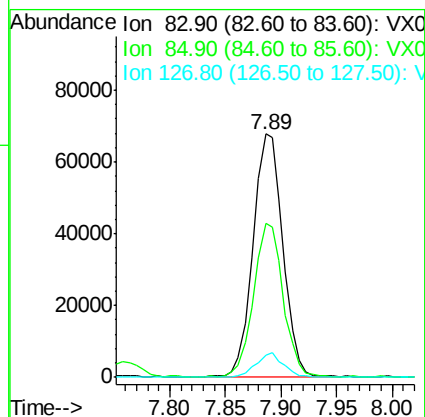
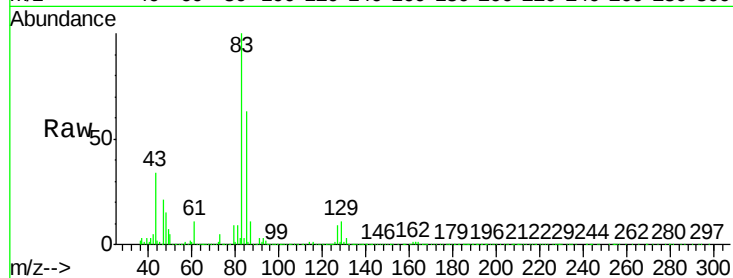
ClientSampleId :

VX1230WBSD02

Tot Ion:	83	Resp:	126081
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.8	77.8
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.085 ug/l

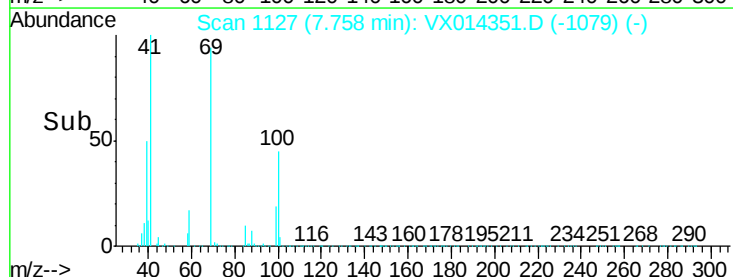
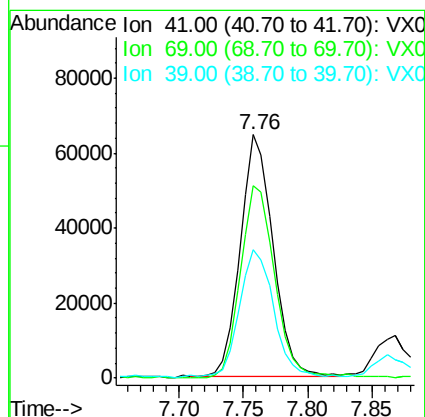
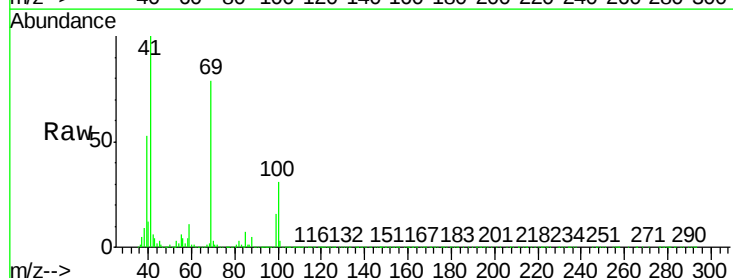
RT: 7.76 min Scan# 1127

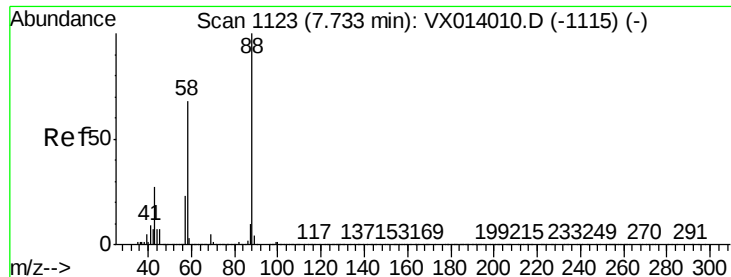
Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	41	Resp:	114179
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.8	98.6
39	54.8	44.6	67.0





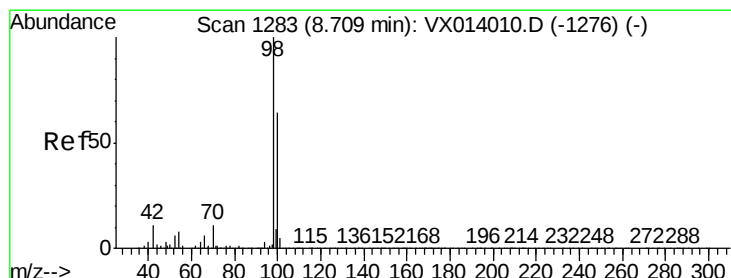
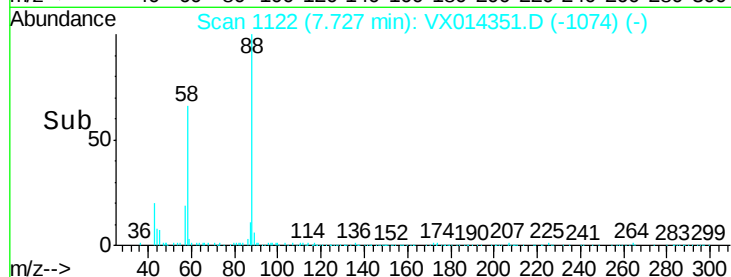
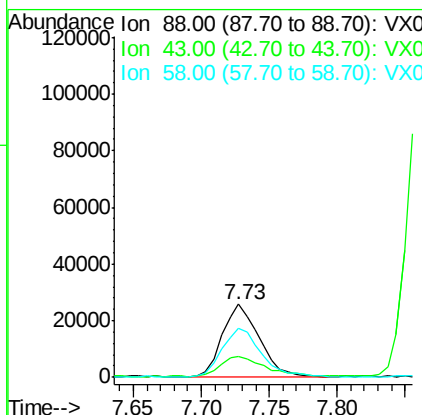
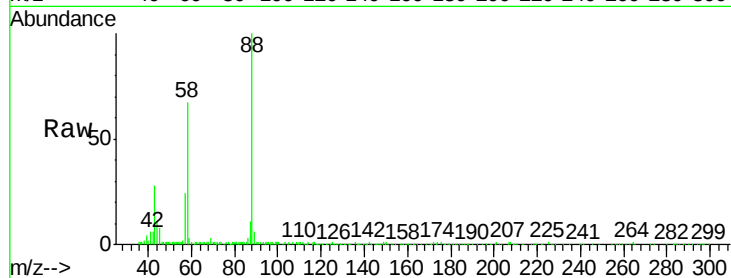
#49
1,4-Dioxane
Concen: 416.569 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.5	39.7
58	73.6	56.8	85.2

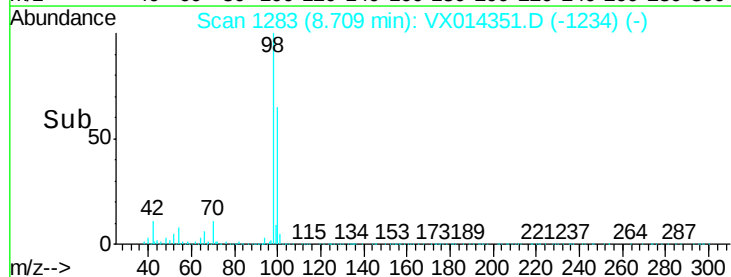
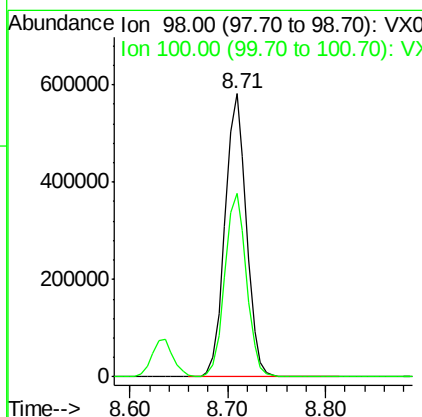
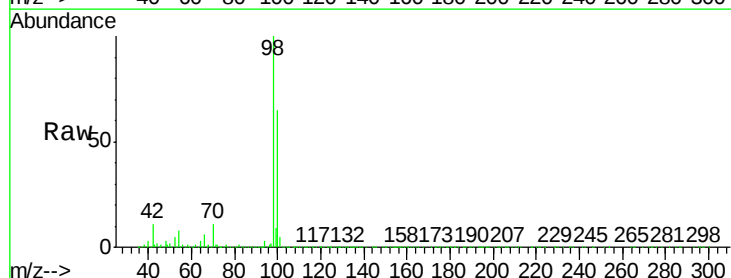
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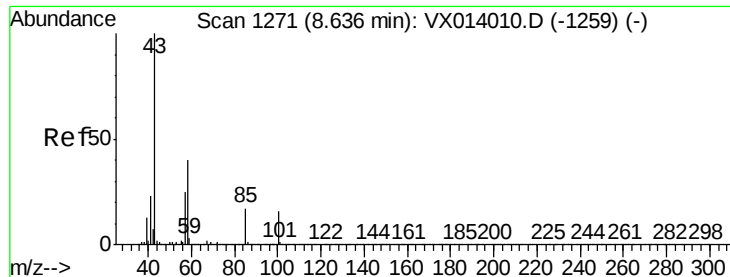
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#50
Toluene-d8
Concen: 53.575 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





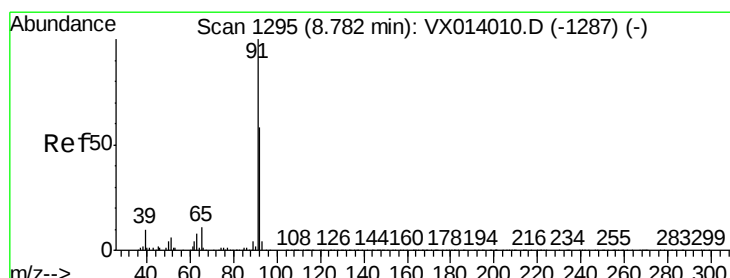
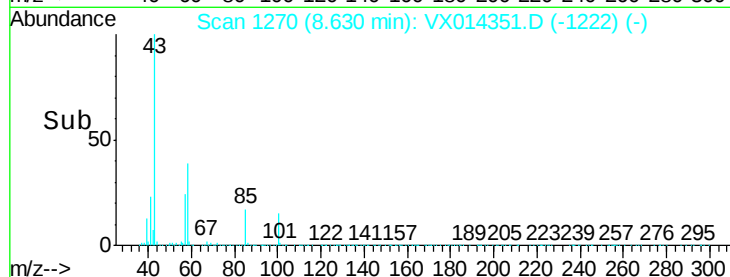
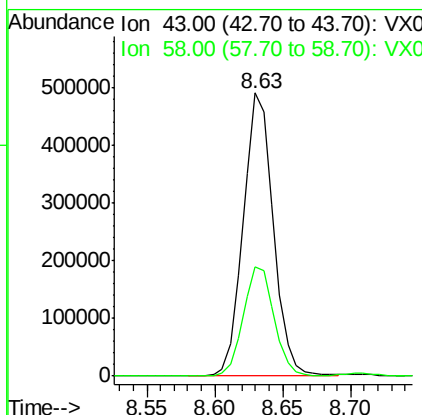
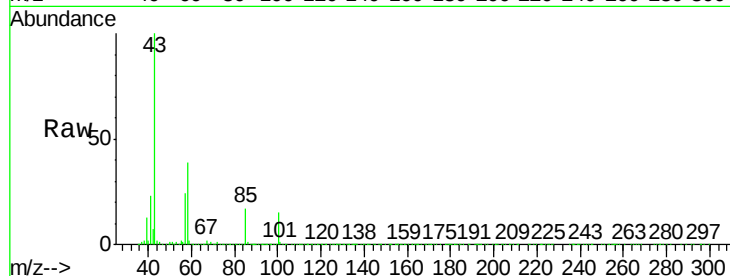
#51
4-Methyl-2-Pentanone
Concen: 104.086 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	32.2	48.2

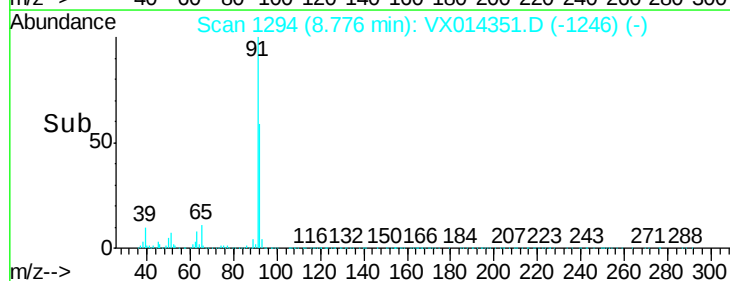
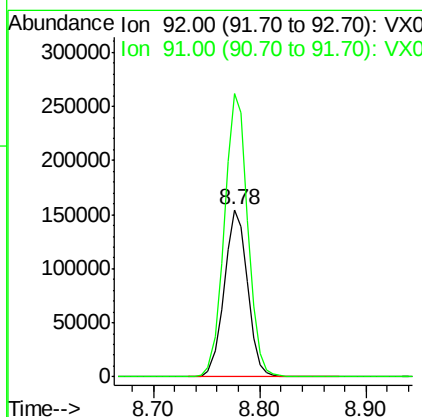
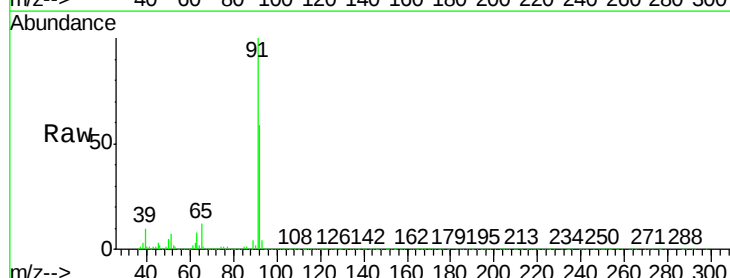
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#52
Toluene
Concen: 19.124 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.7	136.2	204.4





#53

t-1,3-Dichloropropene

Concen: 20.292 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 75 Resp: 138794

Ion Ratio Lower Upper

75 100

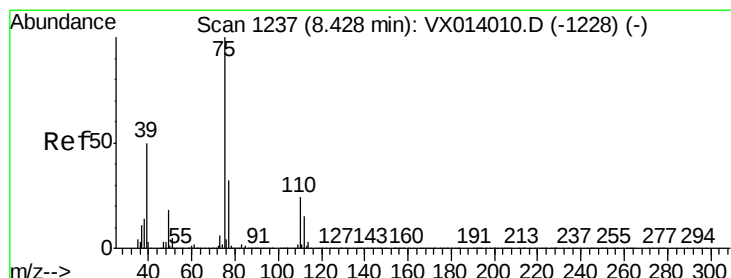
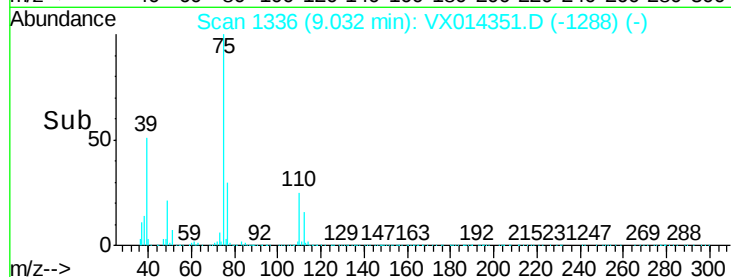
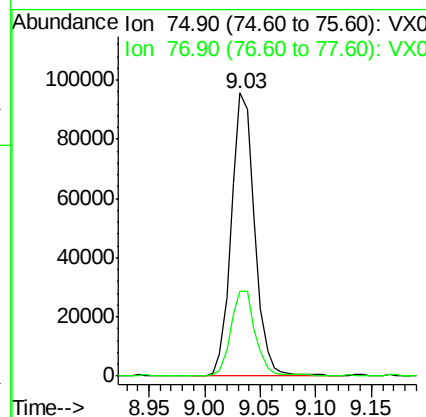
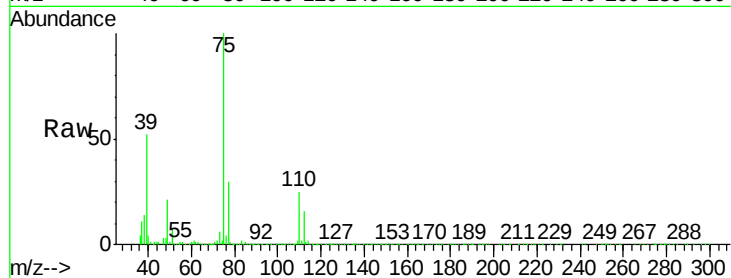
77 30.1 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 20.367 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

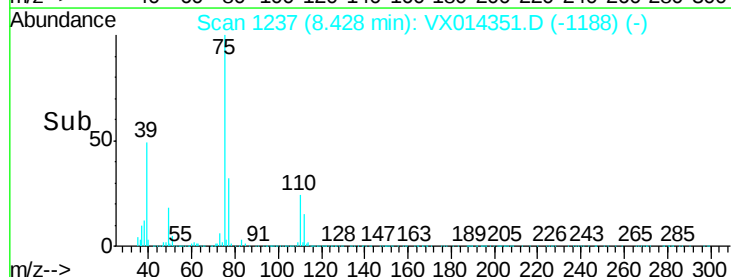
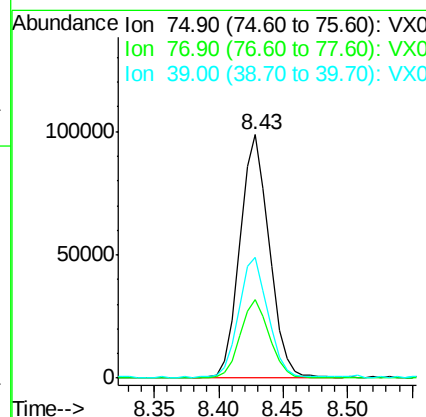
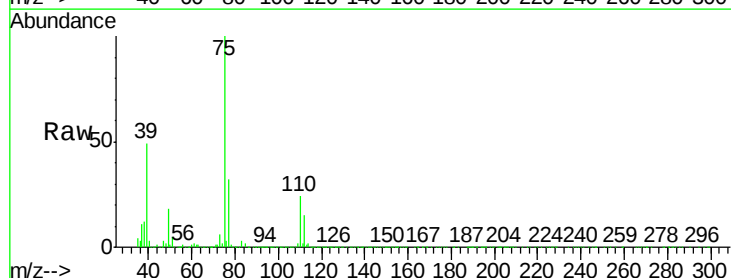
Tgt Ion: 75 Resp: 155200

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 49.1 39.9 59.9





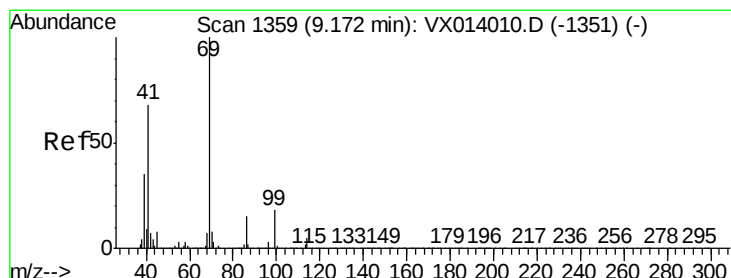
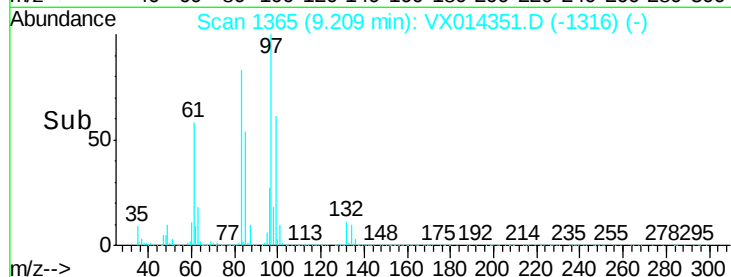
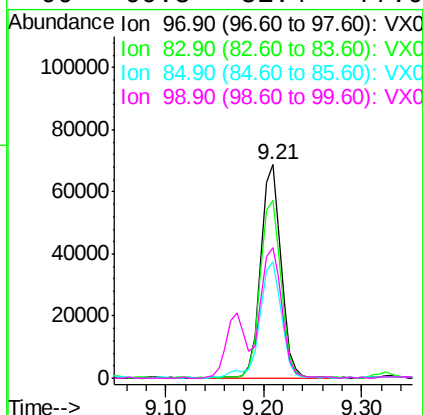
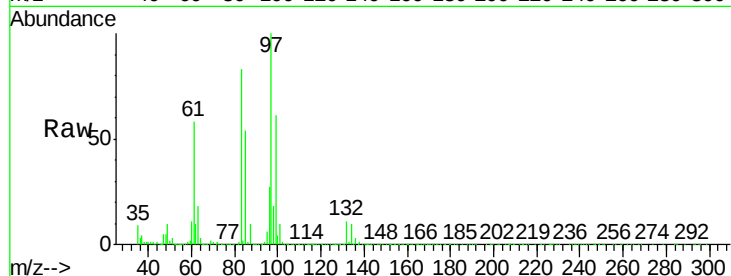
#55
 1,1,2-Trichloroethane
 Concen: 20.367 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		100848		
83	82.9	68.2	102.4		
85	54.1	44.6	66.8		
99	60.8	51.4	77.0		

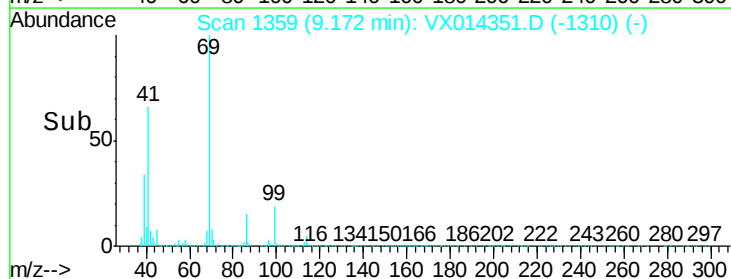
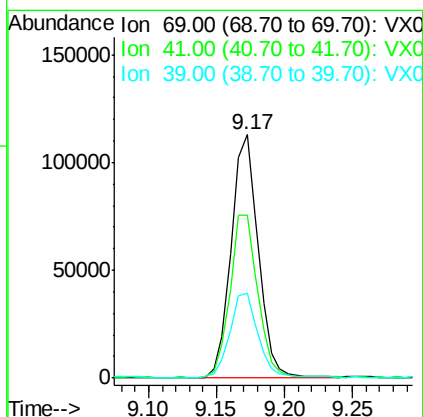
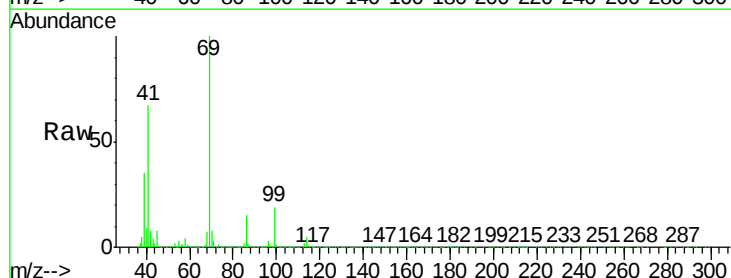
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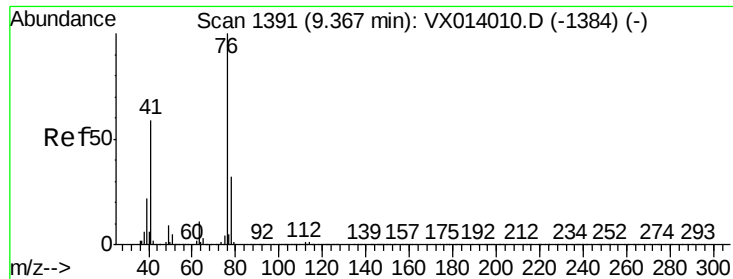
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#56
 Ethyl methacrylate
 Concen: 19.964 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		155276		
41	69.0	54.8	82.2		
39	35.9	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 20.746 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 76 Resp: 172831

Ion Ratio Lower Upper

76 100

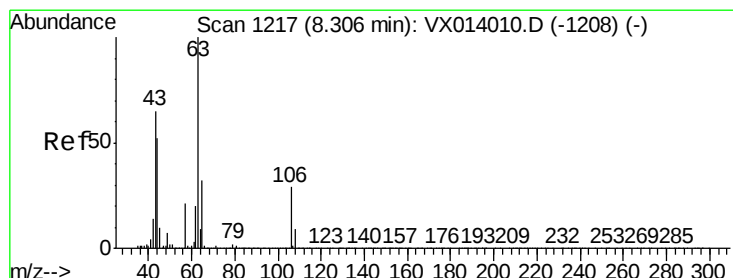
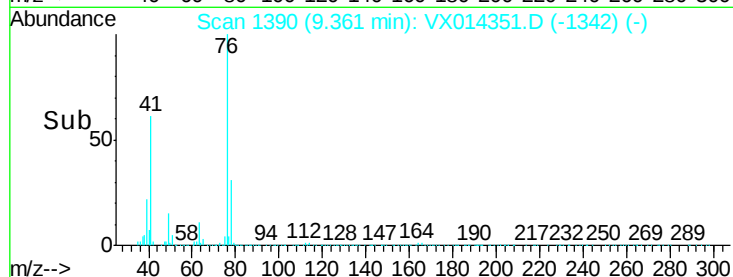
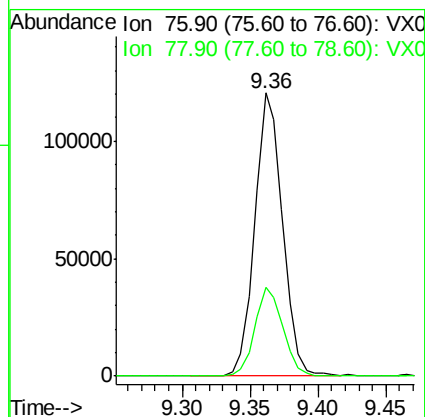
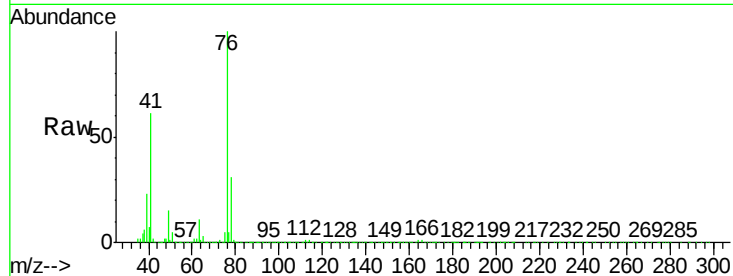
78 31.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 103.902 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014351.D

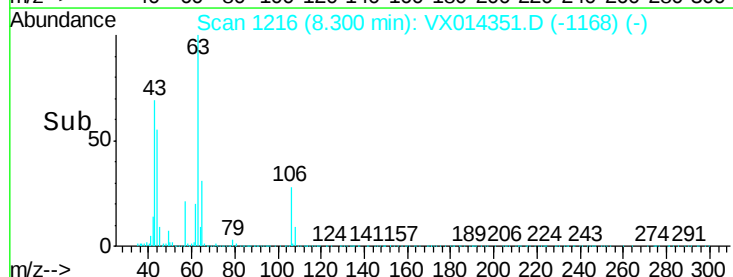
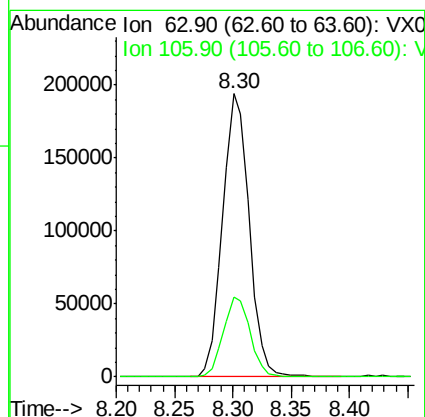
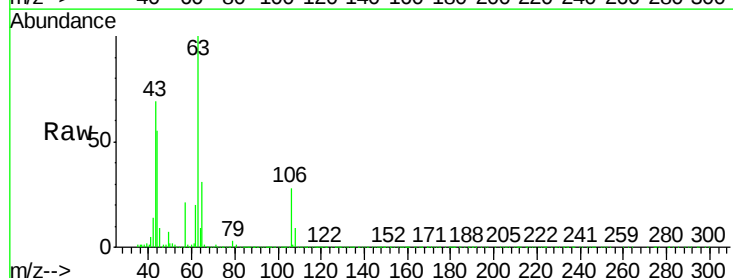
Acq: 30 Dec 2019 14:13

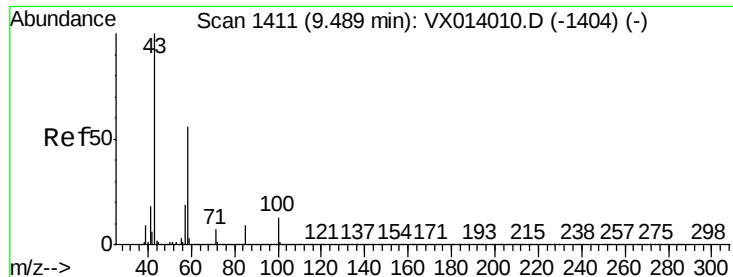
Tgt Ion: 63 Resp: 305829

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6





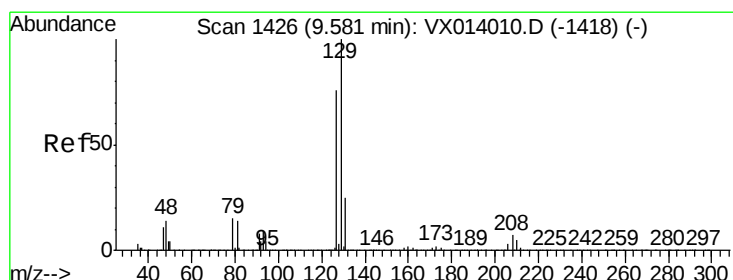
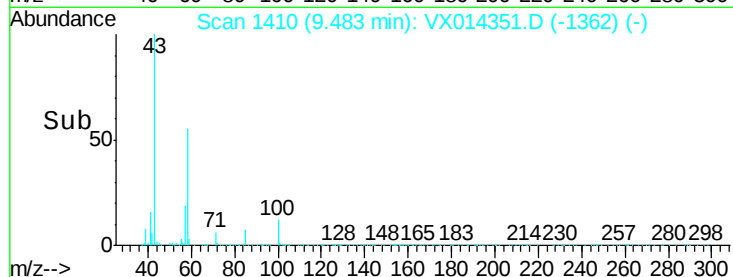
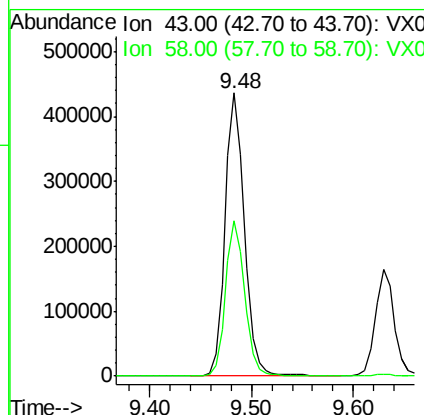
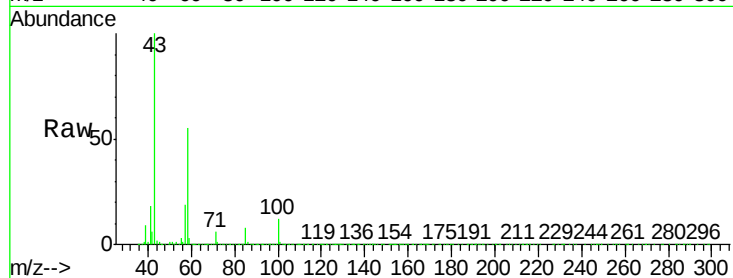
#59
2-Hexanone
Concen: 97.737 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion: 43 Resp: 573631
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0

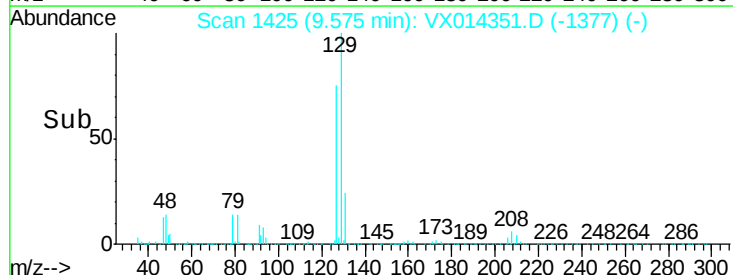
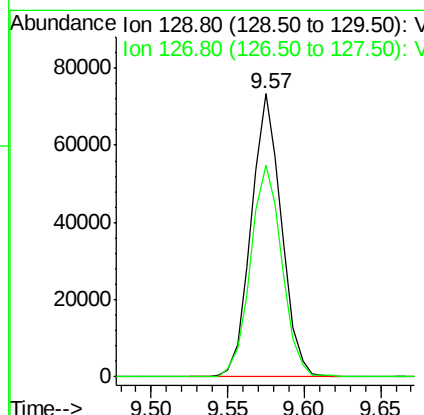
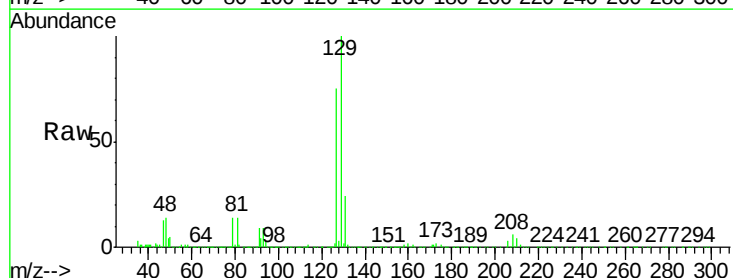
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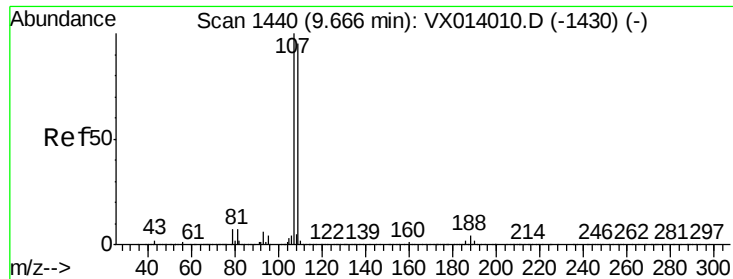
apatel
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#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 129 Resp: 100143
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.385 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 107 Resp: 103270

Ion Ratio Lower Upper

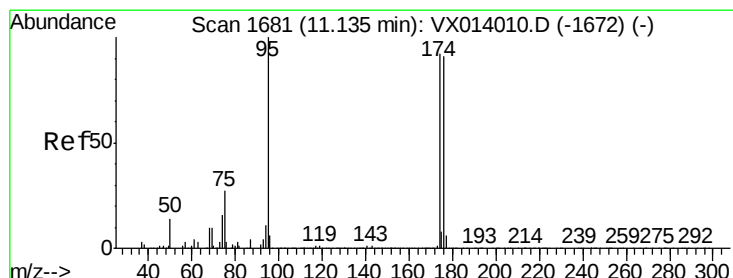
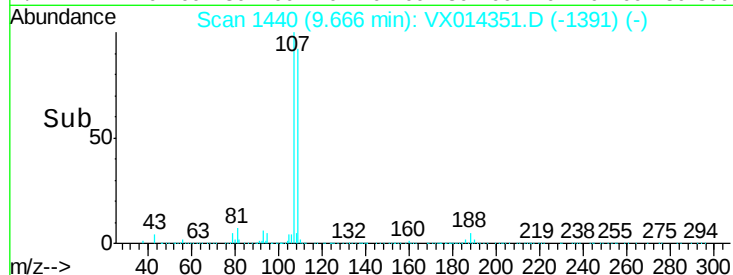
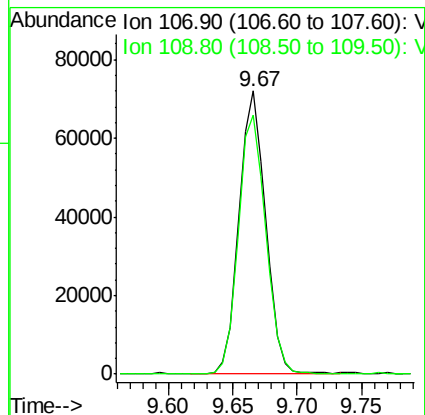
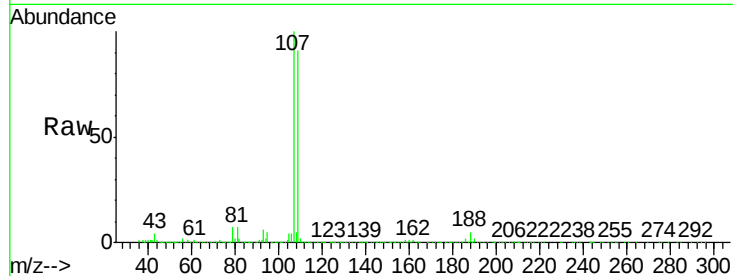
107 100

109 93.8 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 52.146 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

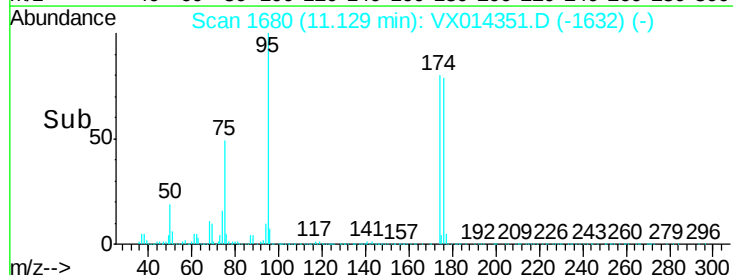
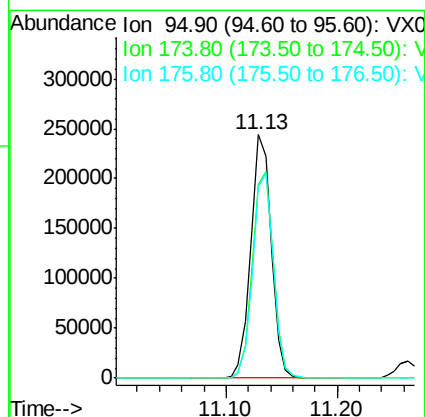
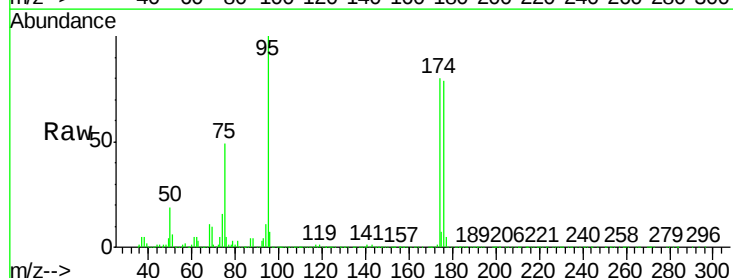
Tgt Ion: 95 Resp: 312324

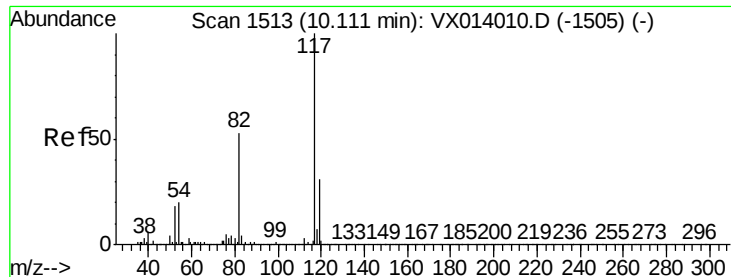
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.8

176 85.0 0.0 173.0





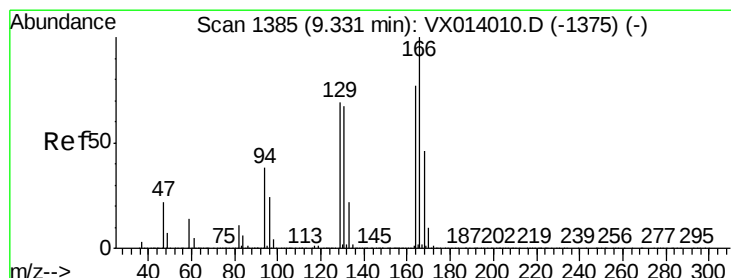
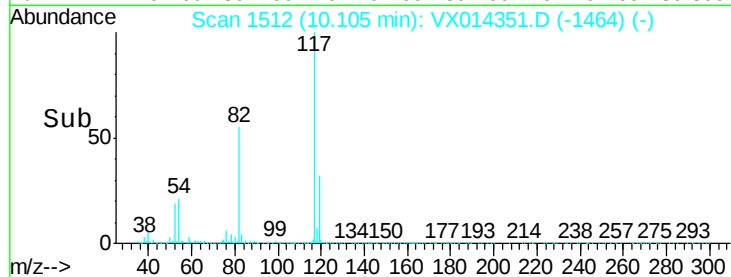
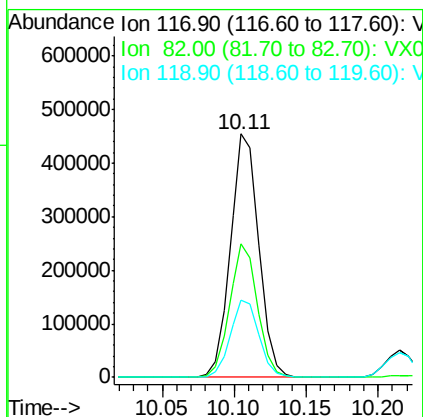
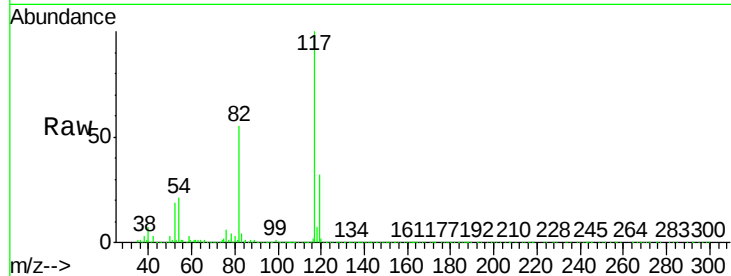
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.4
119	31.9	25.1	37.7

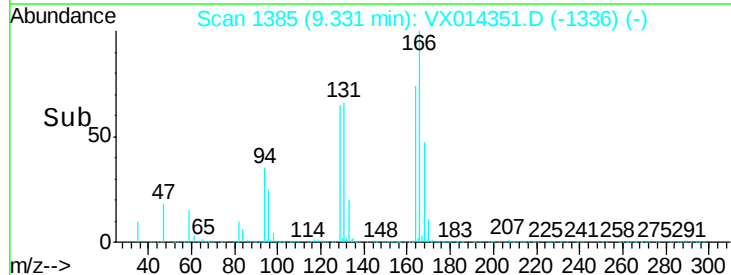
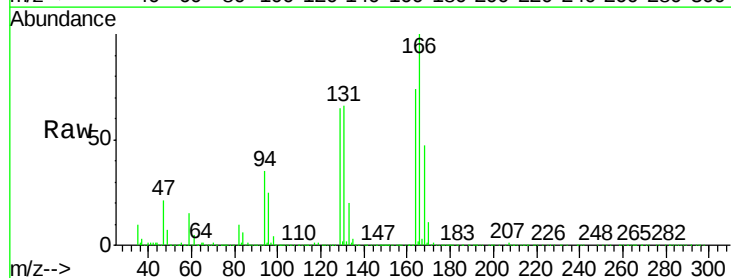
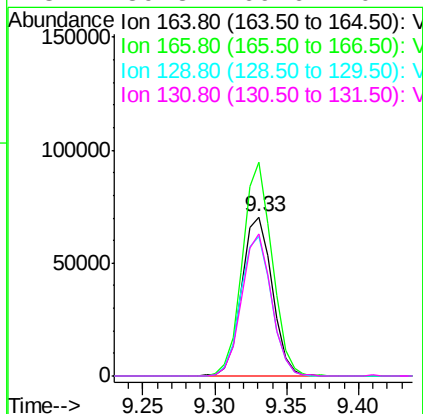
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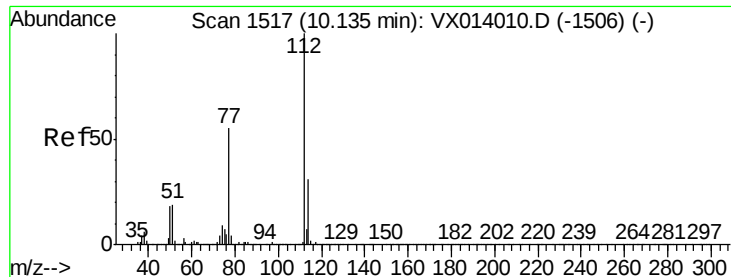
apatel
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#64
Tetrachloroethene
Concen: 18.633 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	104.0	156.0
129	87.6	72.2	108.4
131	89.3	69.6	104.4





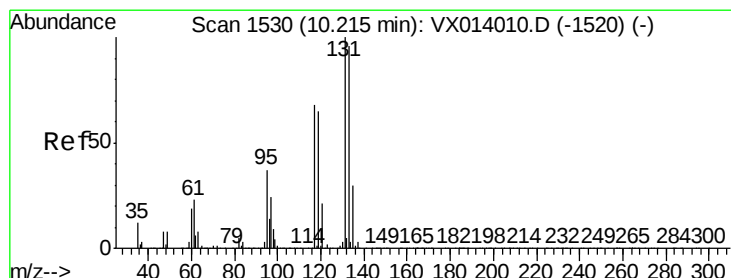
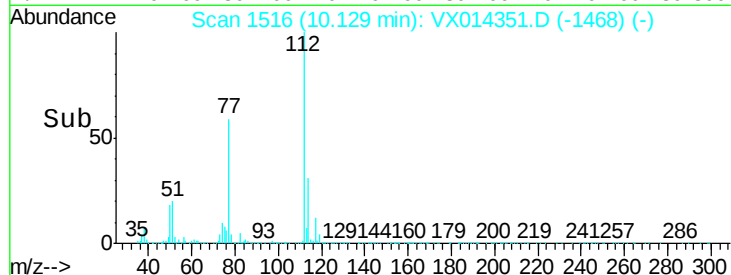
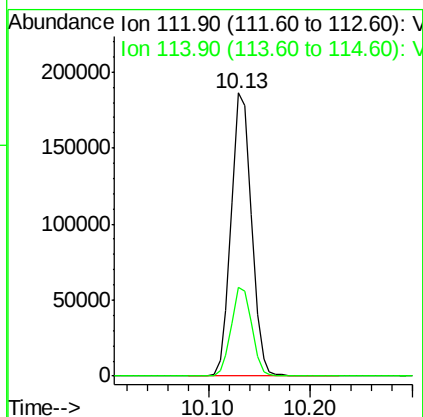
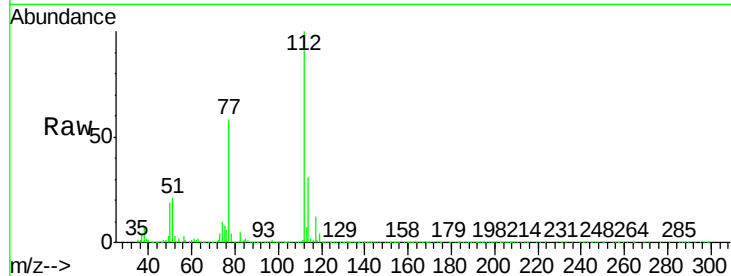
#65
Chlorobenzene
Concen: 19.239 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	24.9	37.3

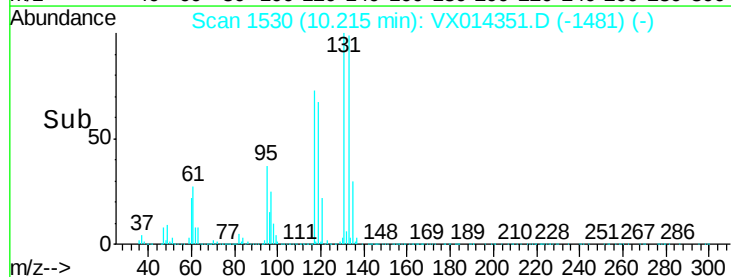
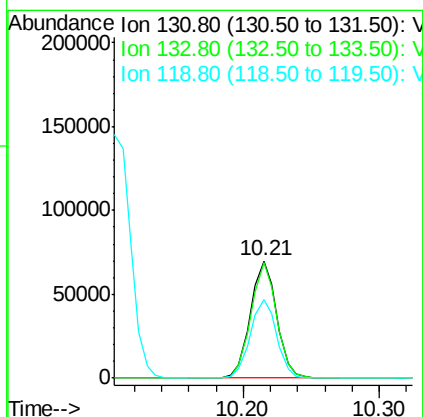
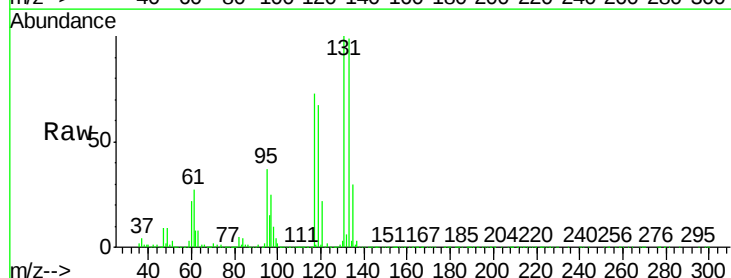
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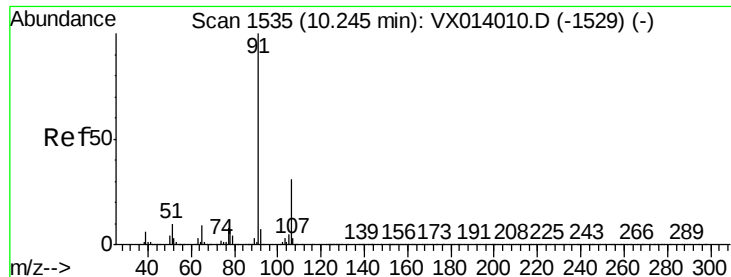
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.044 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.0
119	67.1	33.4	100.2





#67

Ethyl Benzene

Concen: 19.433 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 91 Resp: 444872

Ion Ratio Lower Upper

91 100

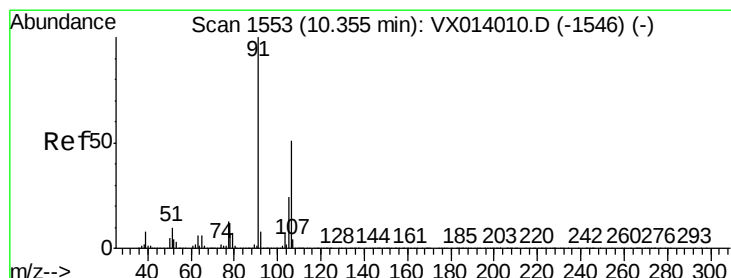
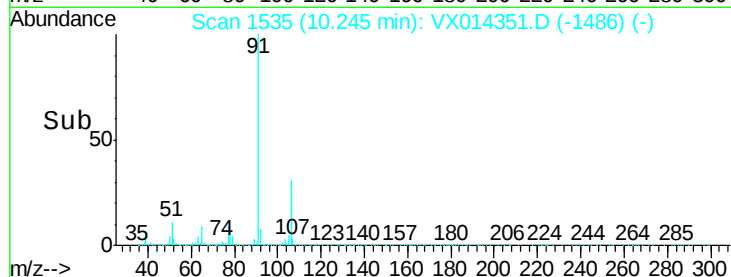
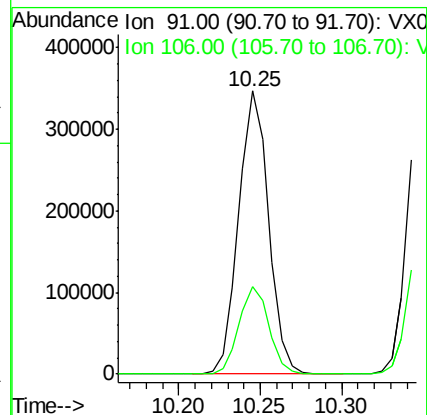
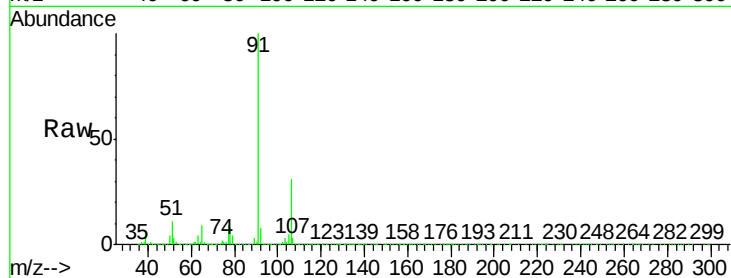
106 30.8 25.0 37.6

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#68

m/p-Xylenes

Concen: 38.047 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014351.D

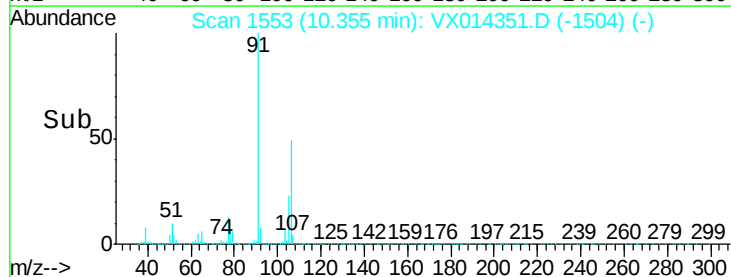
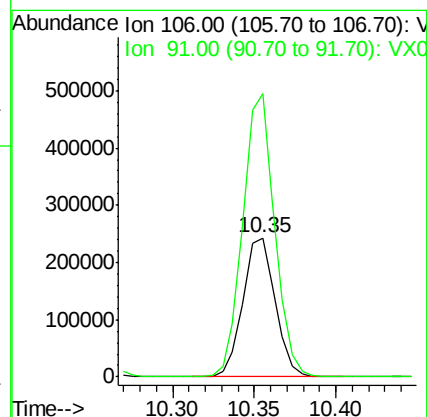
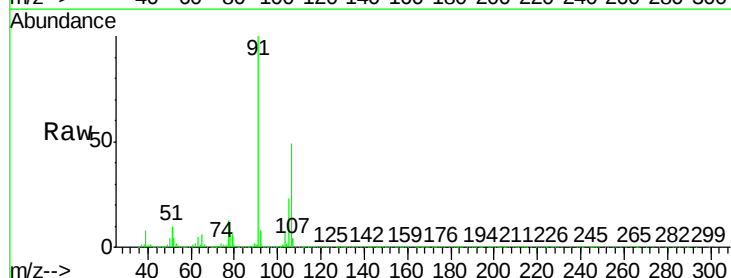
Acq: 30 Dec 2019 14:13

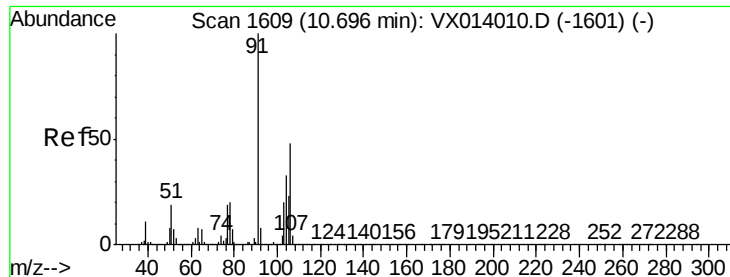
Tgt Ion: 106 Resp: 334992

Ion Ratio Lower Upper

106 100

91 201.6 158.6 238.0





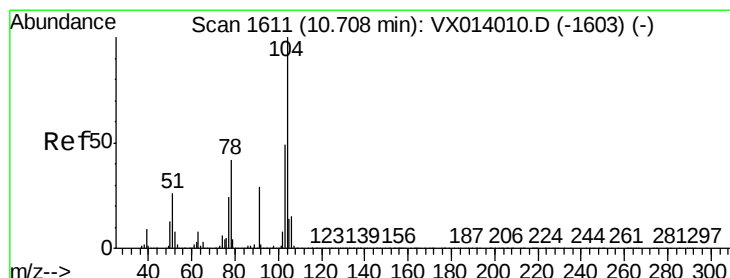
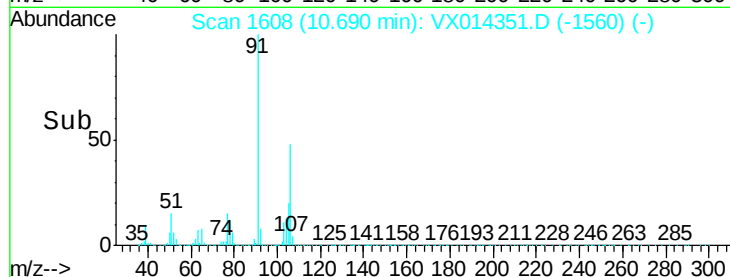
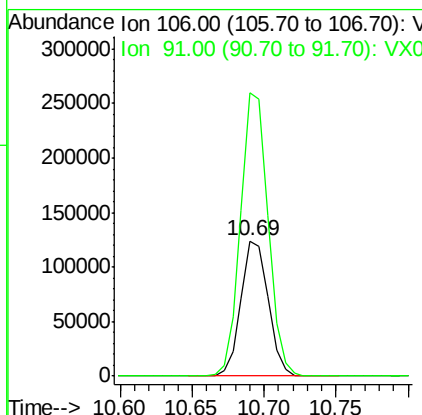
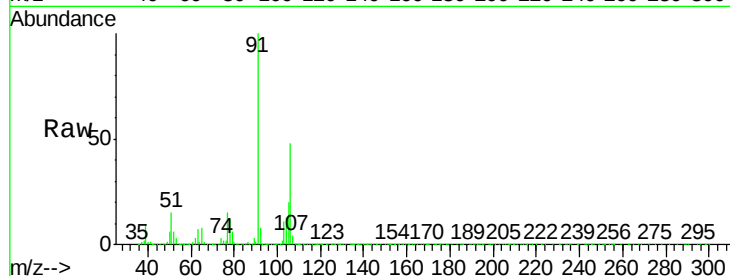
#69
o-Xylene
Concen: 18.890 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	104.2	312.6

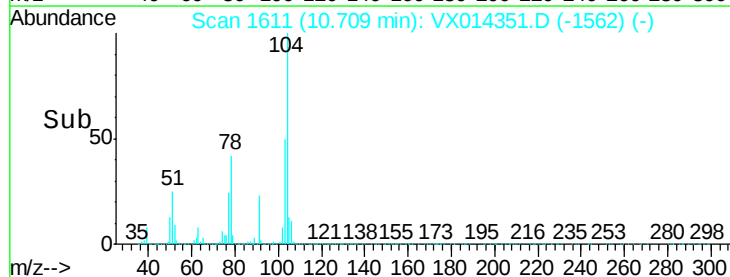
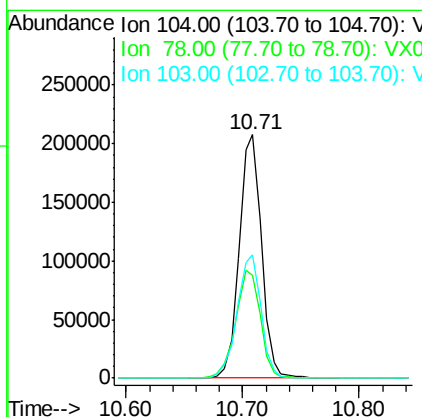
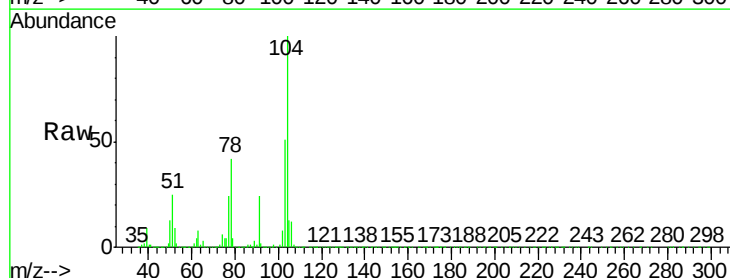
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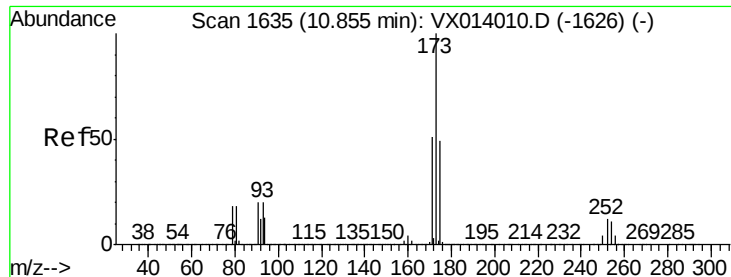
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#70
Styrene
Concen: 19.033 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.5	57.7
103	54.1	42.9	64.3





#71

Bromoform

Concen: 19.803 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

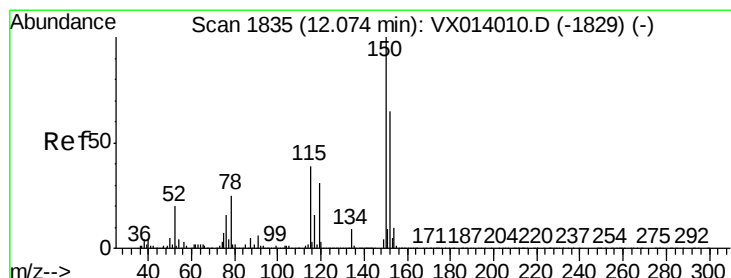
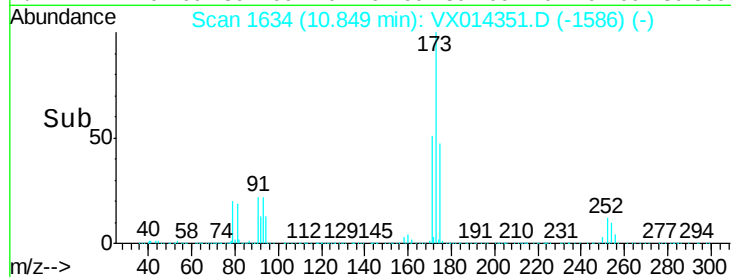
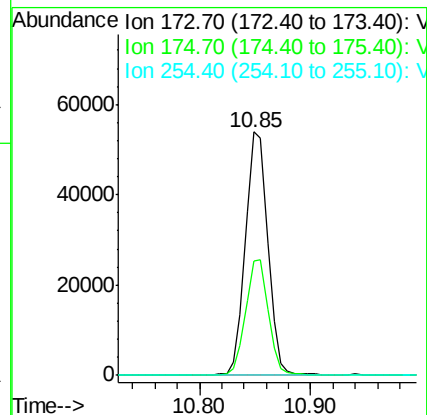
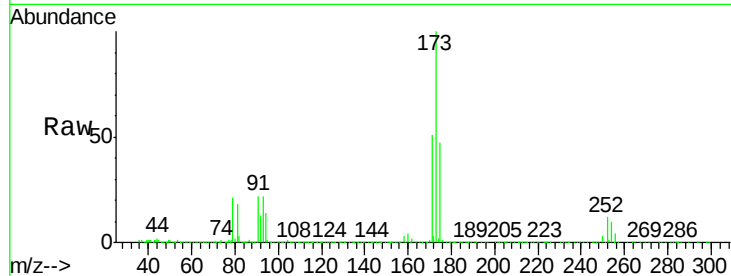
ClientSampleId :

VX1230WBSD02

Tot Ion:	173	Resp:	75680
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.4	73.4
254	0.4	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

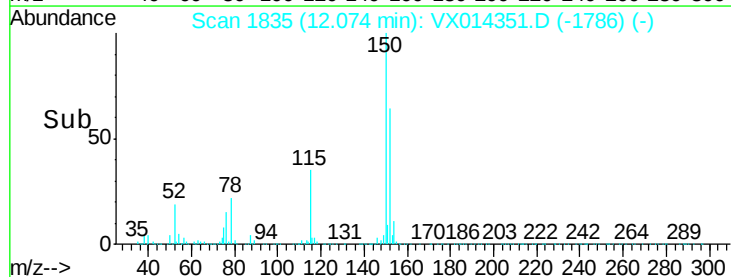
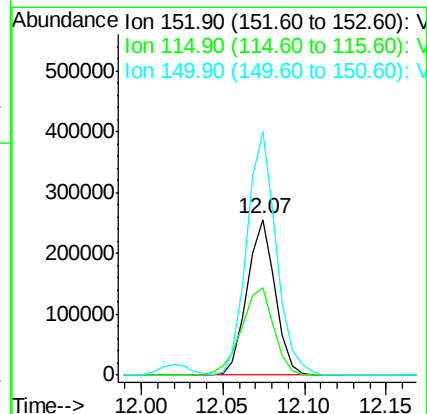
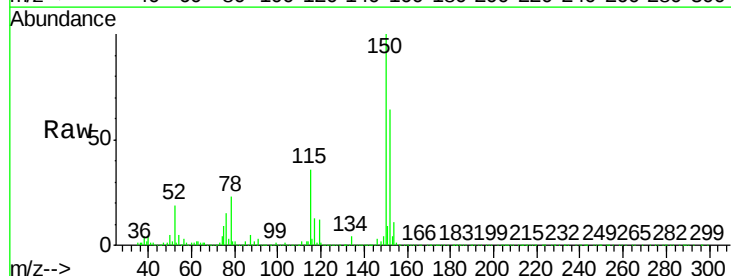
RT: 12.07 min Scan# 1835

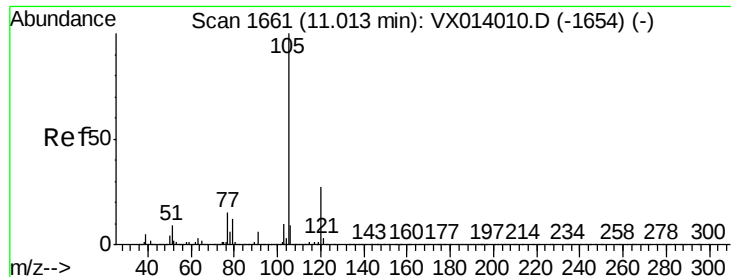
Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	152	Resp:	306093
Ion Ratio	Lower	Upper	
152	100		
115	65.1	38.3	114.9
150	164.9	0.0	345.4





#73

Isopropylbenzene

Concen: 20.389 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion:105 Resp: 439415

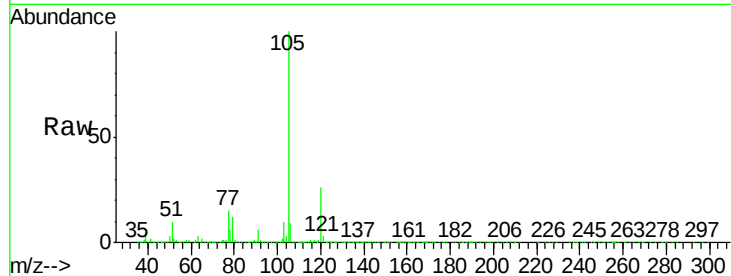
Ion Ratio Lower Upper

105 100

120 26.4 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

11.01

400000

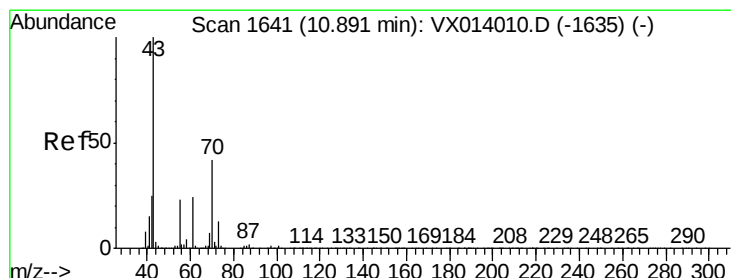
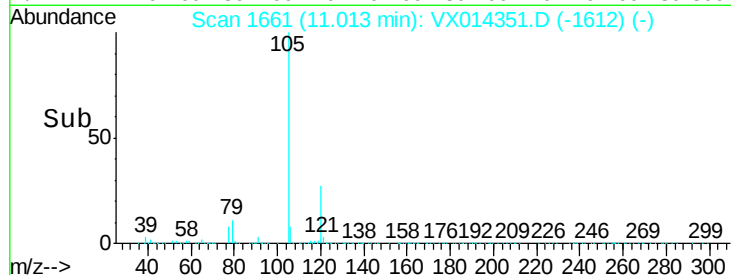
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.716 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion: 43 Resp: 199175

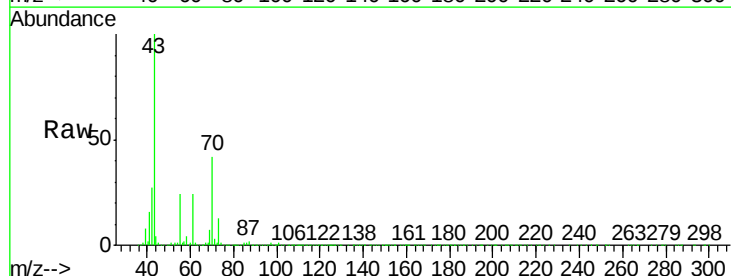
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 24.8 19.1 28.7

61 24.4 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

250000

200000

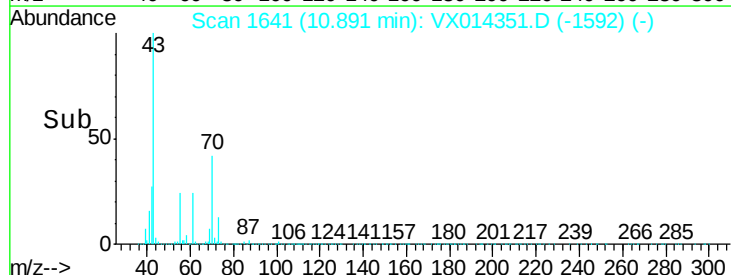
150000

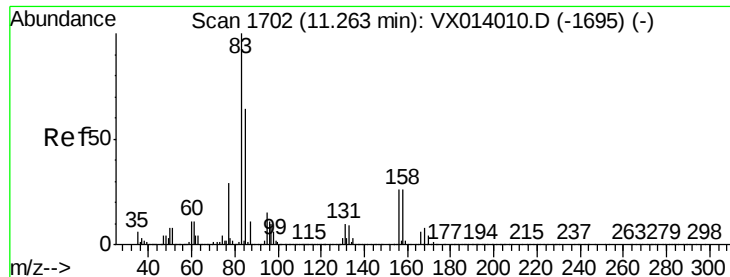
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.569 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion: 83 Resp: 153685

Ion Ratio Lower Upper

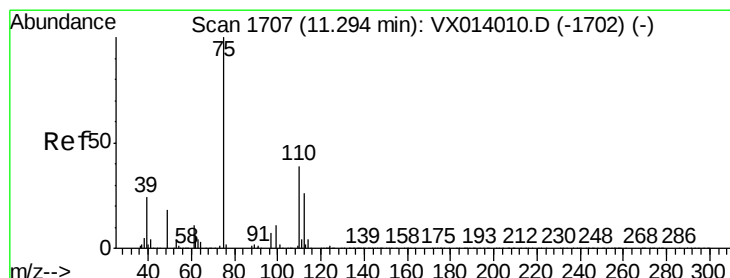
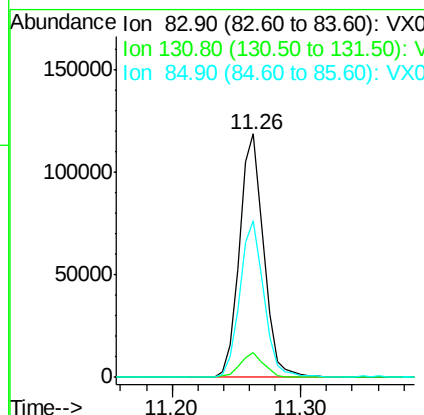
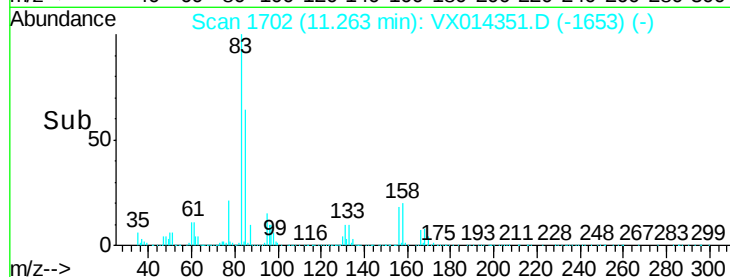
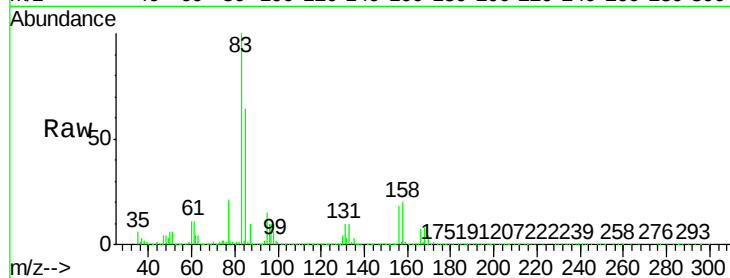
83 100

131 10.1 5.1 15.2

85 64.8 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 19.278 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014351.D

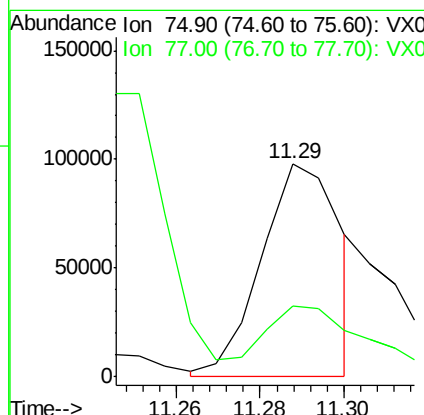
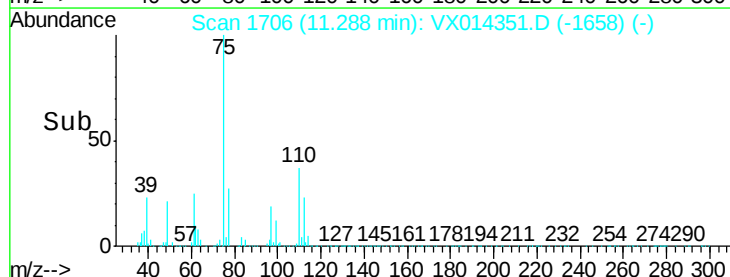
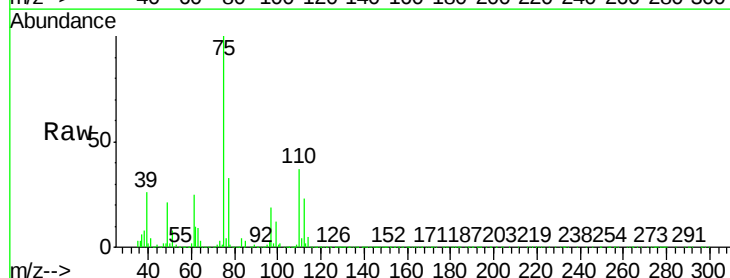
Acq: 30 Dec 2019 14:13

Tgt Ion: 75 Resp: 128106

Ion Ratio Lower Upper

75 100

77 44.3 19.3 57.8





#77

Bromobenzene

Concen: 19.494 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

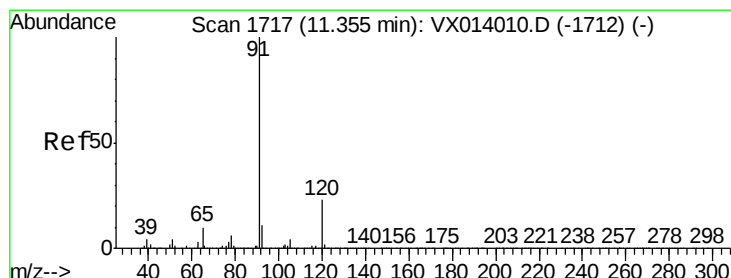
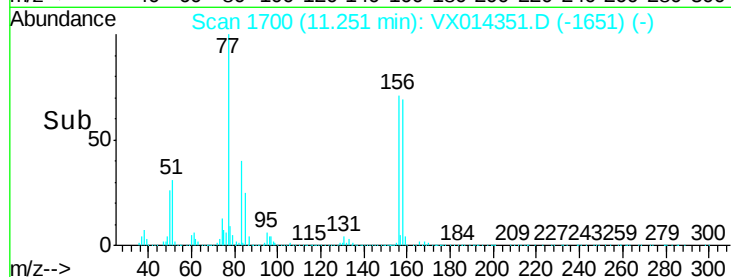
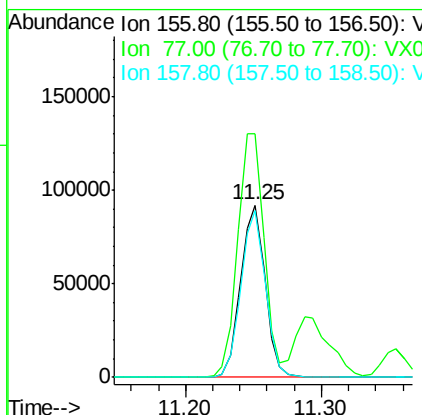
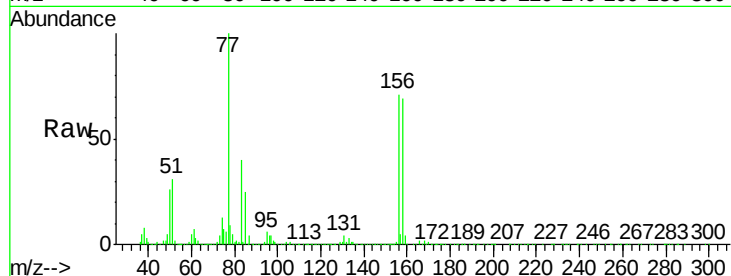
ClientSampleId :

VX1230WBSD02

Tot Ion:	156	Resp:	115592
Ion Ratio	Lower	Upper	
156	100		
77	151.6	76.5	229.5
158	97.1	49.3	147.9

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#78

n-propylbenzene

Concen: 20.314 ug/l

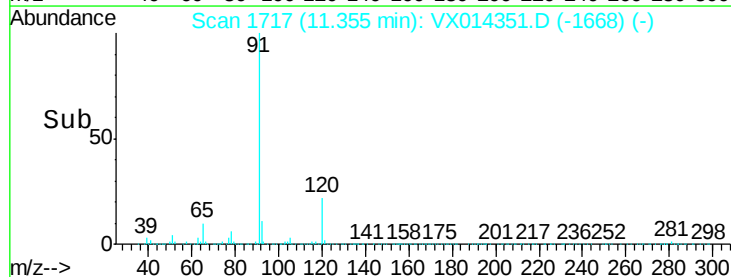
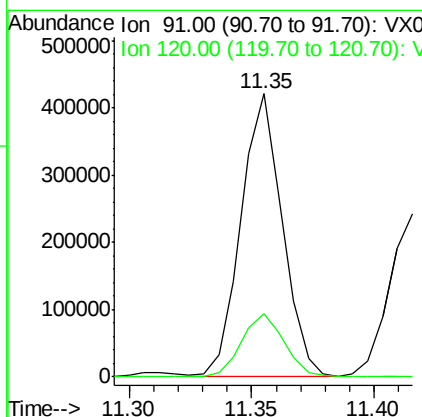
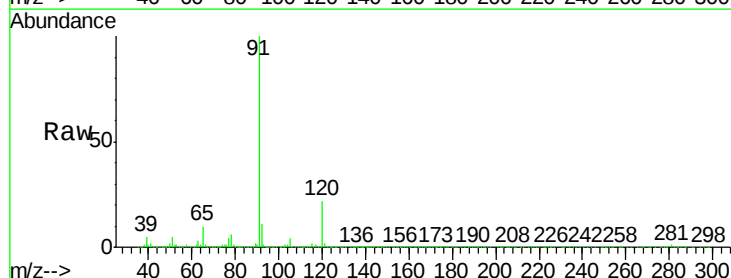
RT: 11.35 min Scan# 1717

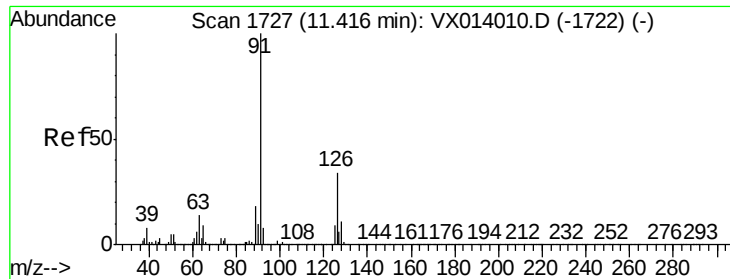
Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	91	Resp:	491072
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





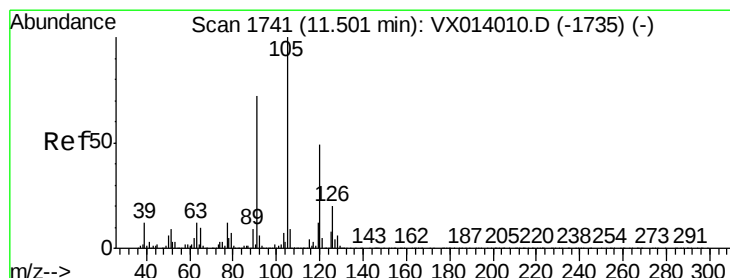
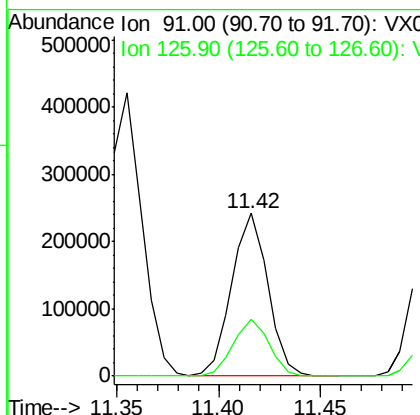
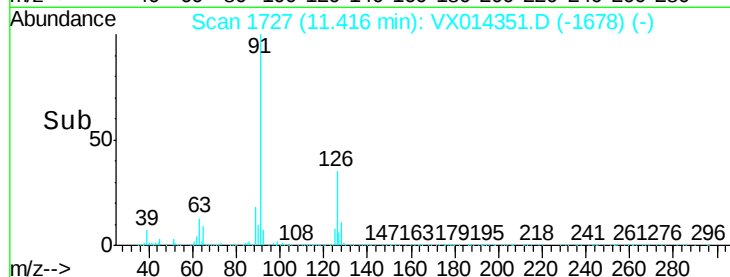
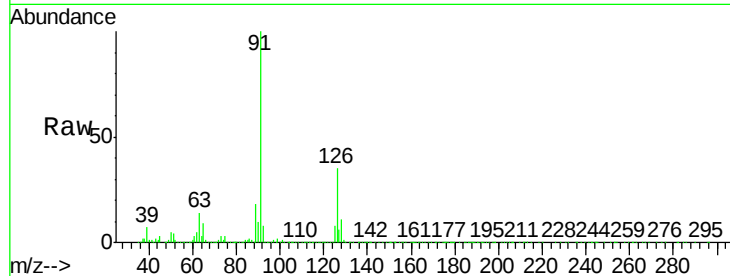
#79
2-Chlorotoluene
Concen: 20.190 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion: 91 Resp: 296685
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

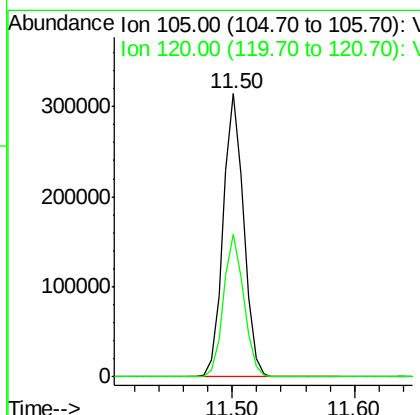
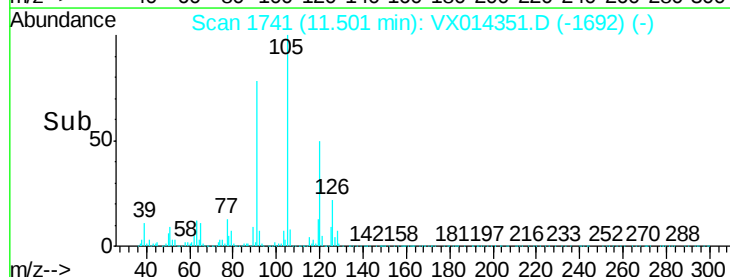
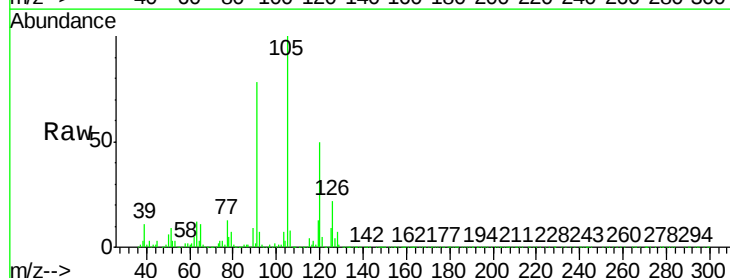
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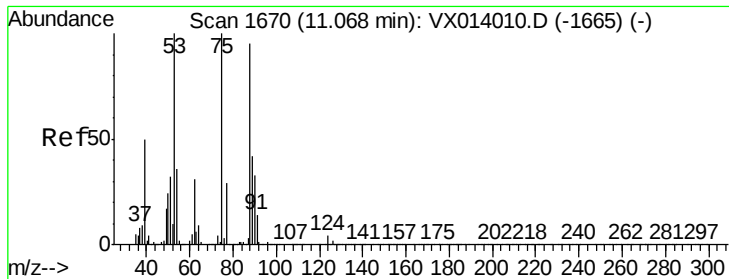
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#80
1,3,5-Trimethylbenzene
Concen: 20.035 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion: 105 Resp: 363397
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.918 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

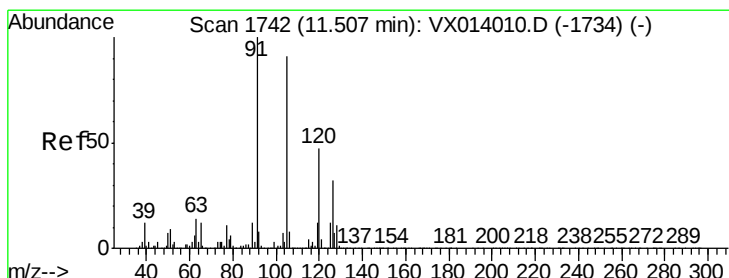
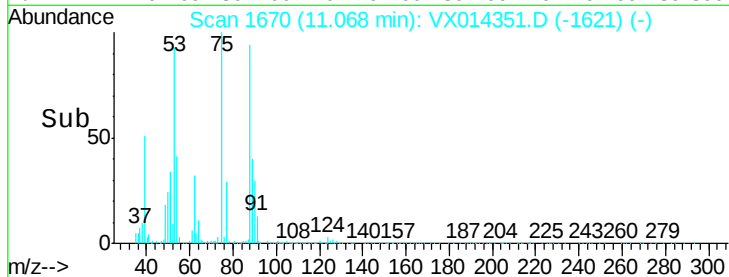
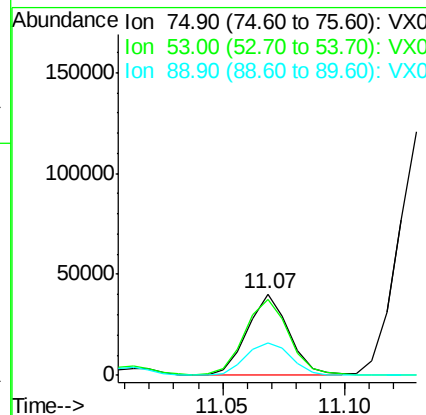
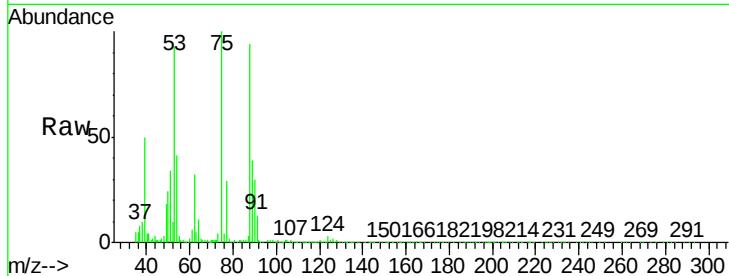
ClientSampleId :

VX1230WBSD02

Tot Ion:	75	Resp:	46895
Ion Ratio	Lower	Upper	
75	100		
53	99.7	76.7	115.1
89	44.9	34.6	51.8

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#82

4-Chlorotoluene

Concen: 20.089 ug/l

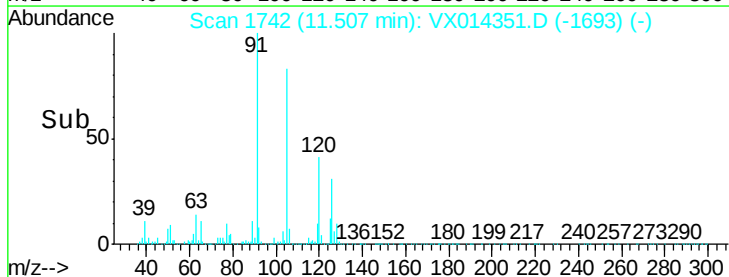
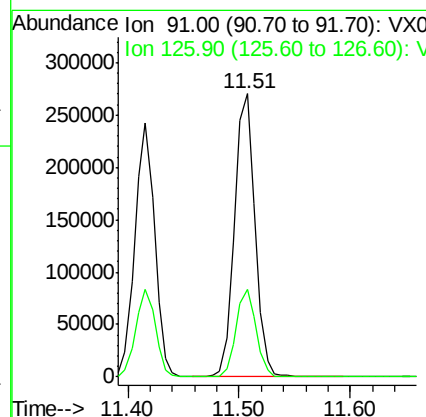
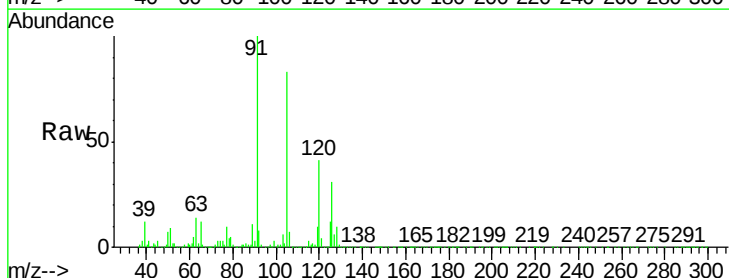
RT: 11.51 min Scan# 1742

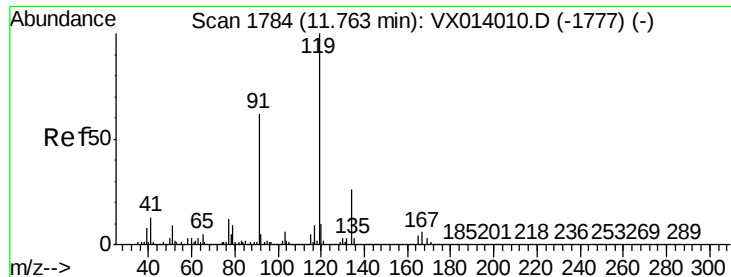
Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	91	Resp:	342424
Ion Ratio	Lower	Upper	
91	100		
126	30.0	15.6	46.8





#83

tert-Butylbenzene

Concen: 20.034 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

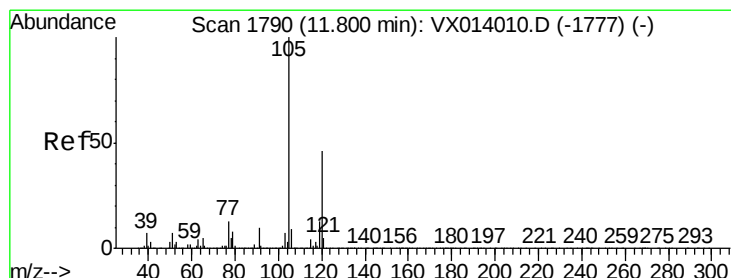
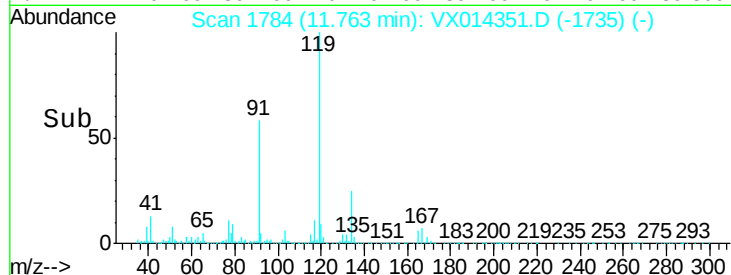
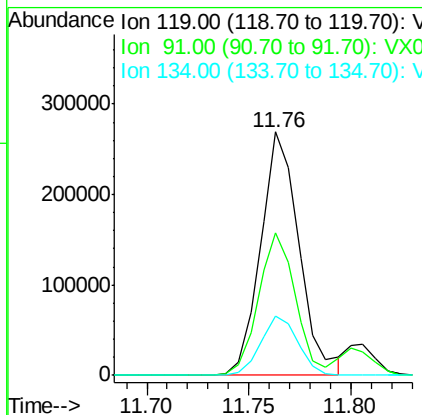
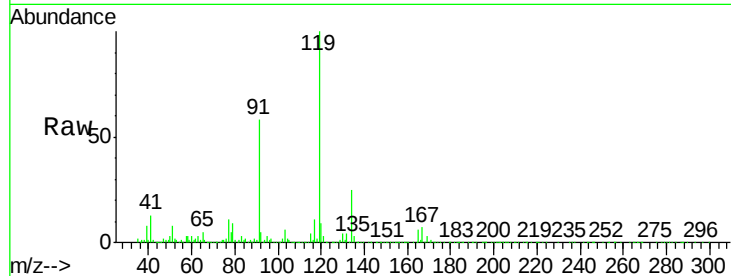
ClientSampleId :

VX1230WBSD02

Tot Ion:	119	Resp:	353623
Ion Ratio	Lower	Upper	
119	100		
91	56.0	28.5	85.6
134	23.8	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.835 ug/l

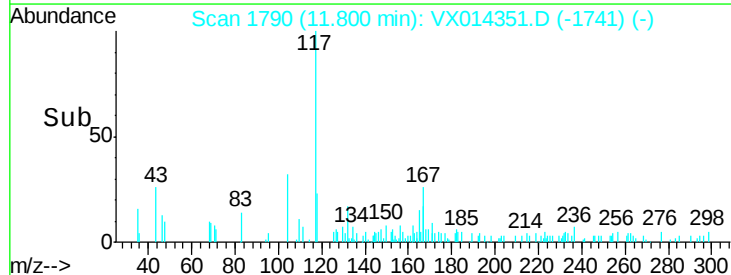
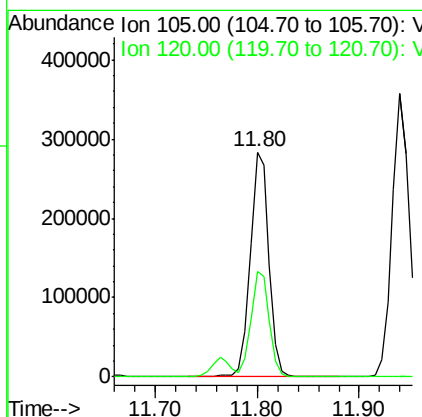
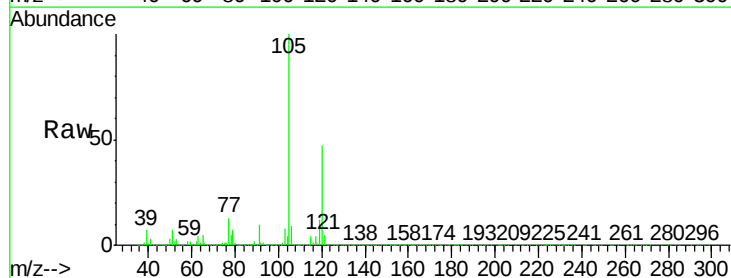
RT: 11.80 min Scan# 1790

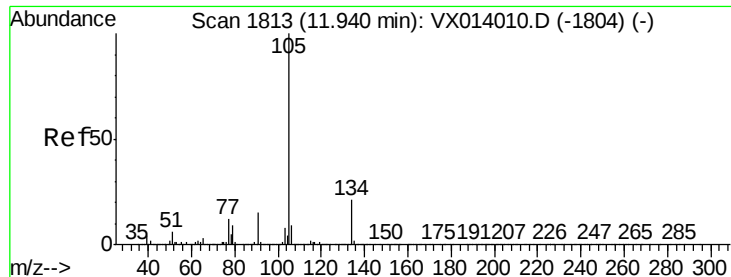
Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	105	Resp:	360281
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.263 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX1230WBSD02

Tot Ion:105 Resp: 422238

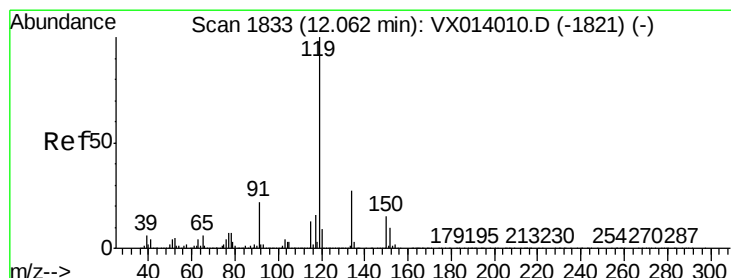
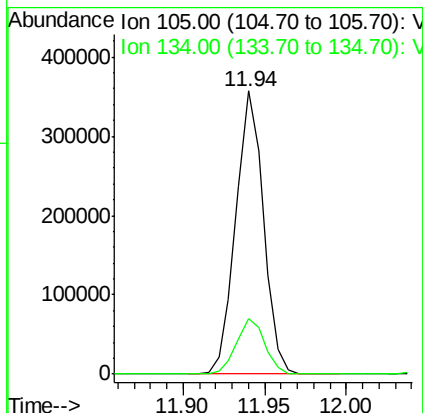
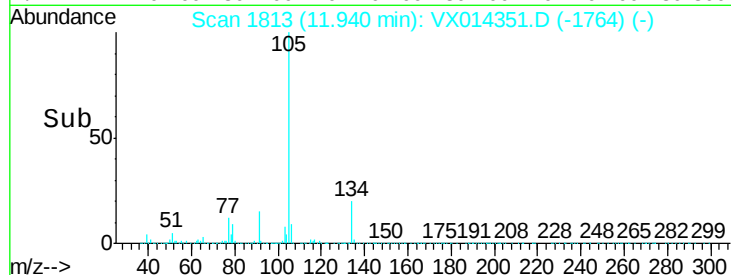
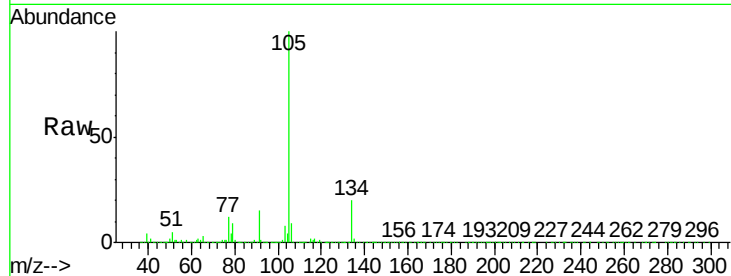
Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 20.228 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

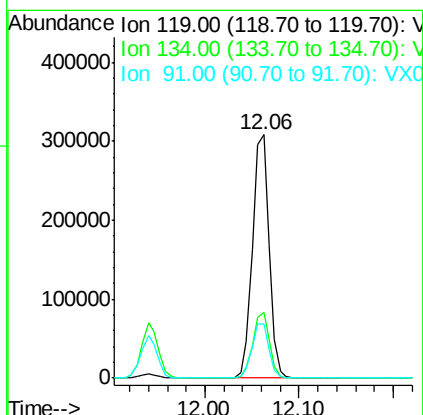
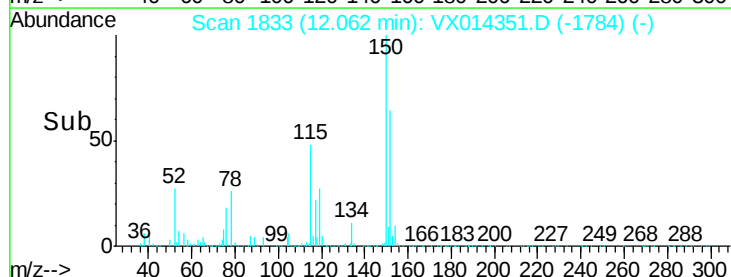
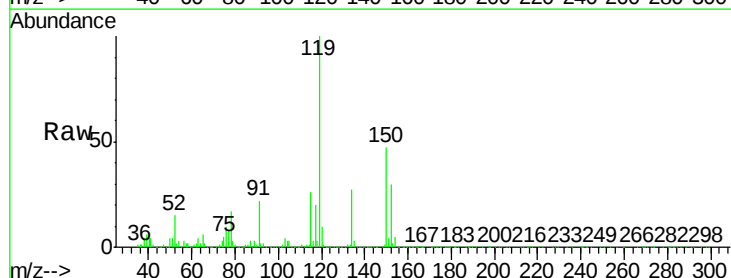
Tgt Ion:119 Resp: 385554

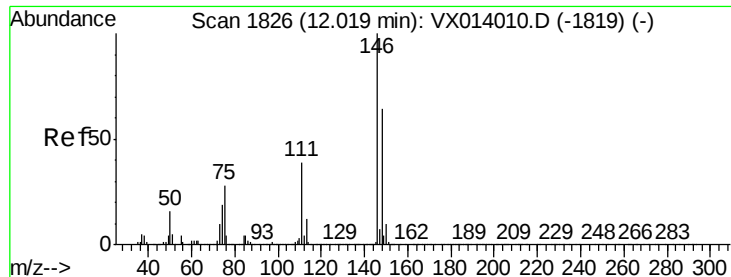
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.5 11.4 34.1





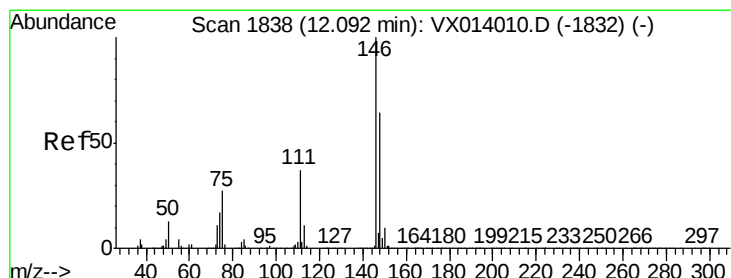
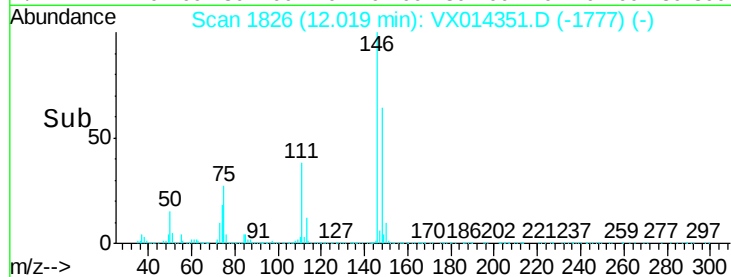
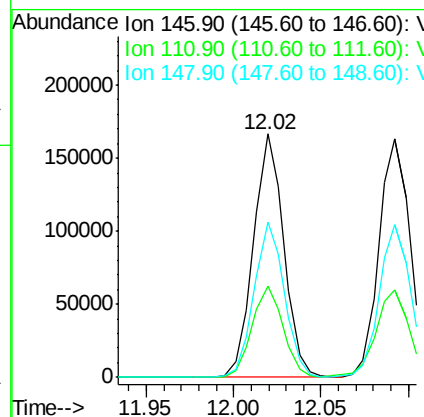
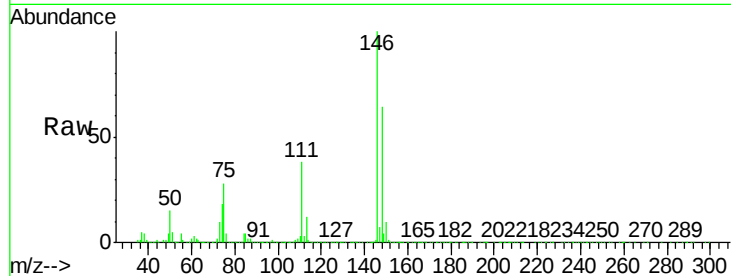
#87
 1,3-Dichlorobenzene
 Concen: 19.349 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.6	32.3	96.9

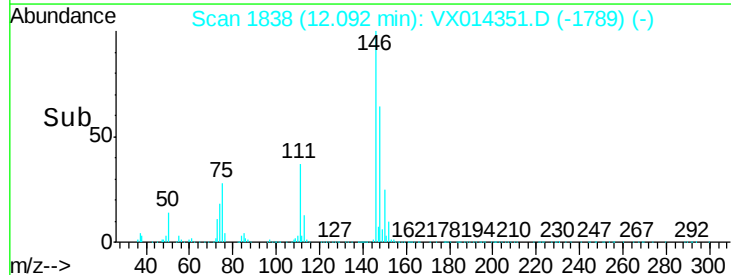
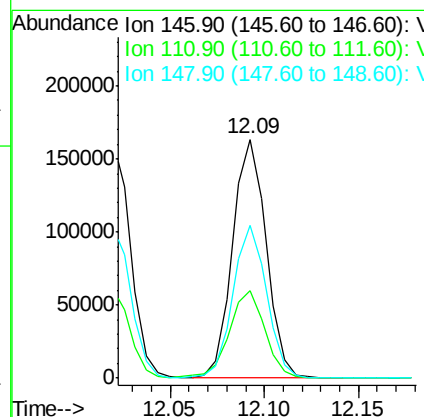
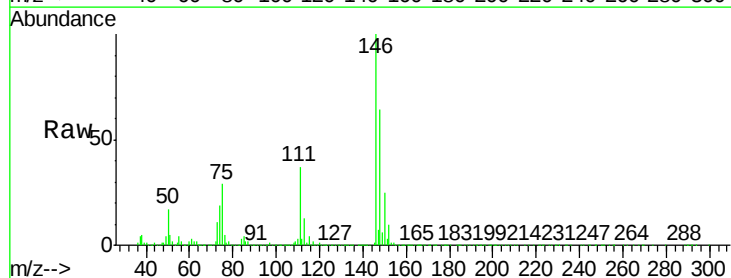
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#88
 1,4-Dichlorobenzene
 Concen: 19.091 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.1	31.9	95.9





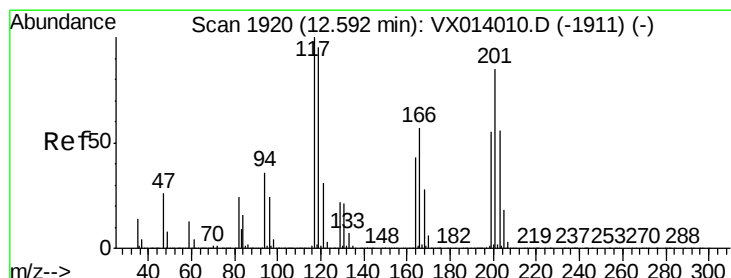
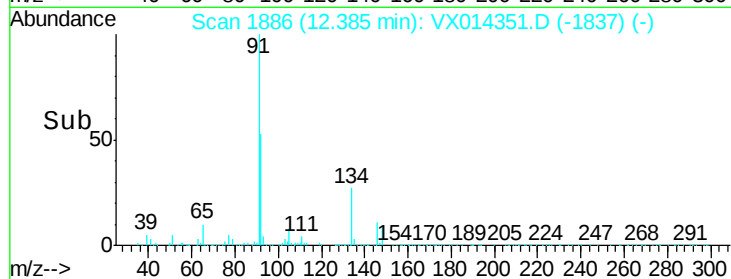
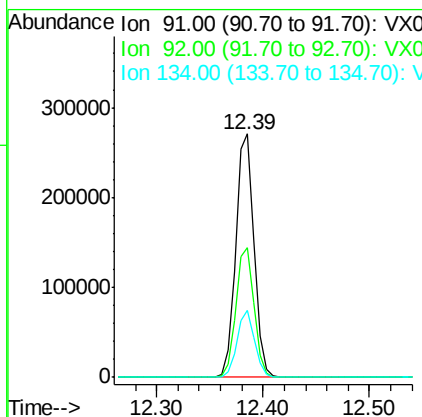
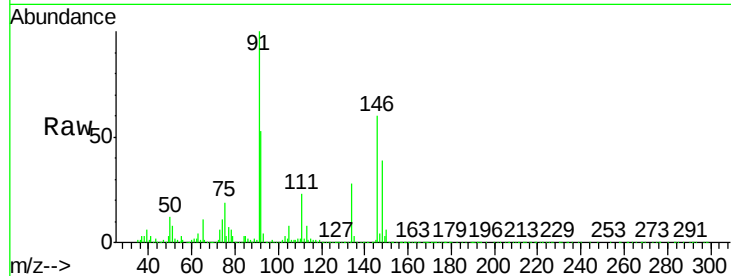
#89
n-Butylbenzene
Concen: 19.969 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.6
134	26.7	13.4	40.1

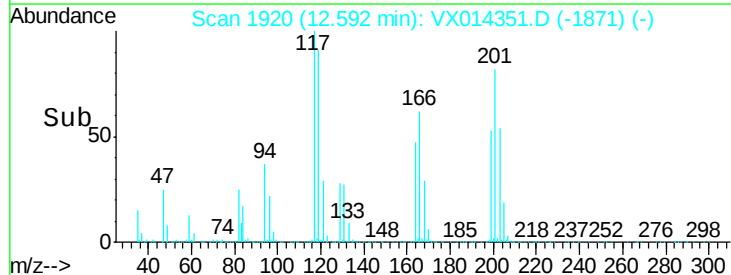
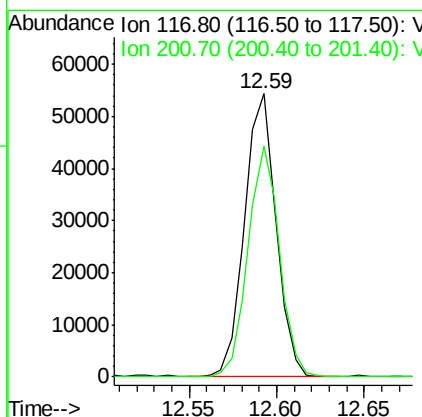
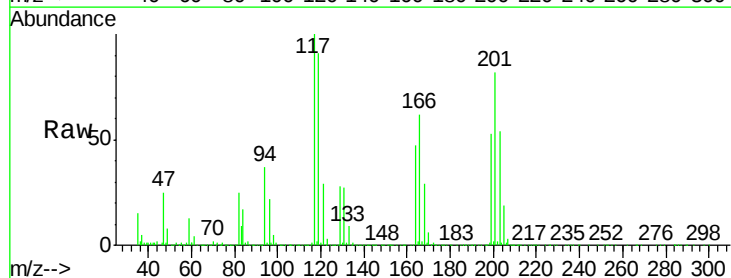
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#90
Hexachloroethane
Concen: 19.750 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014351.D
Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.4	43.1	129.3





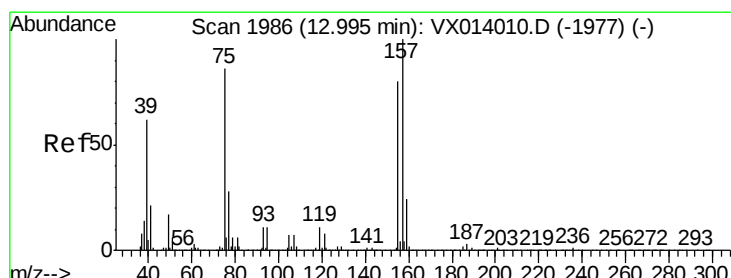
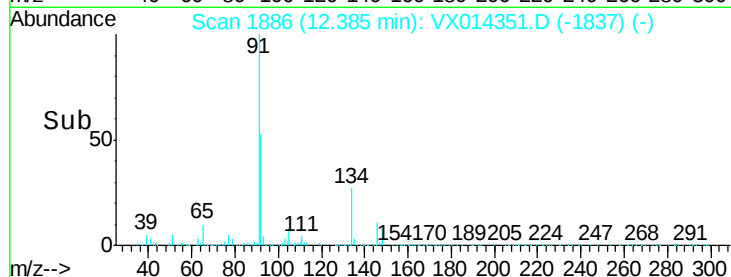
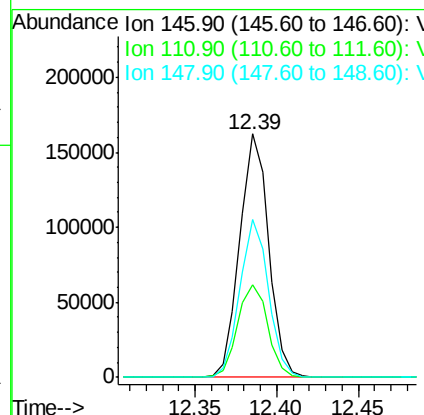
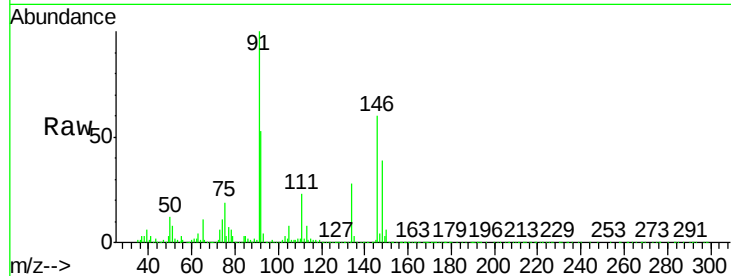
#91
 1,2-Dichlorobenzene
 Concen: 19.246 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	63.8	32.1	96.5

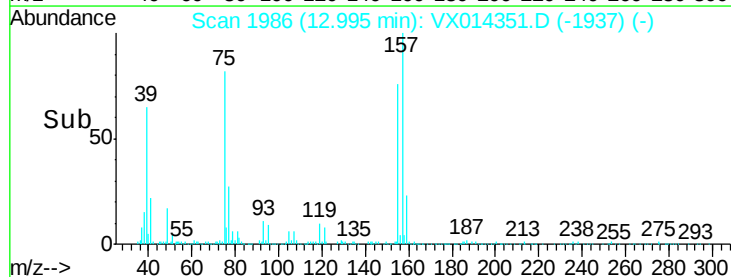
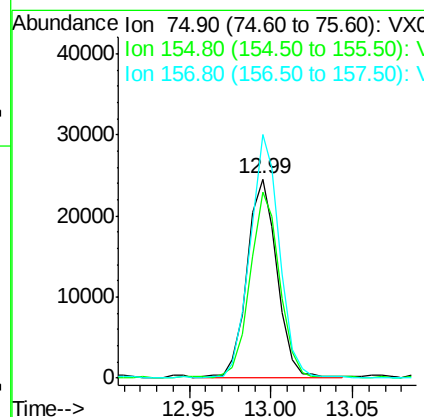
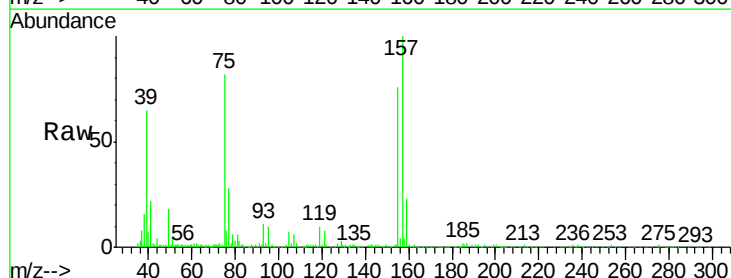
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.891 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	46.9	140.6
157	122.3	60.8	182.4





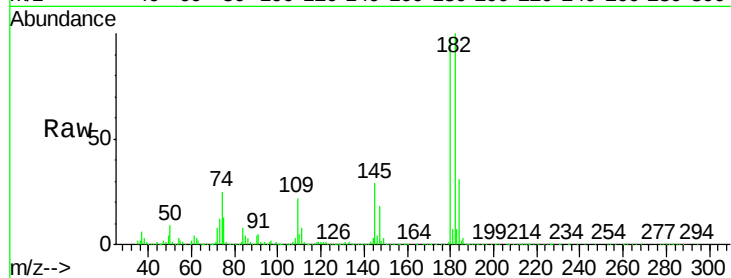
#93
 1,2,4-Trichlorobenzene
 Concen: 19.251 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBSD02

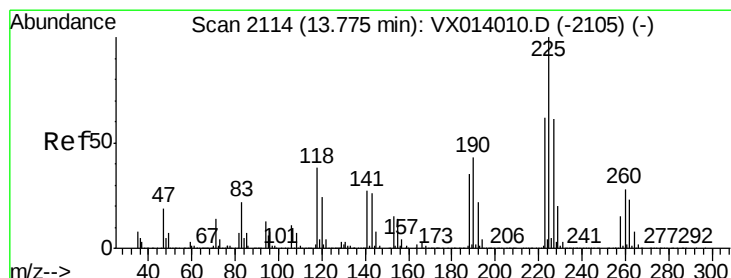
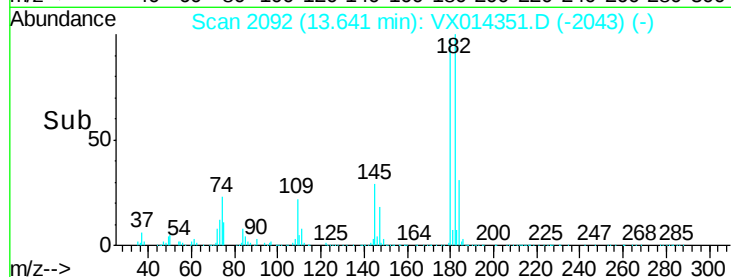
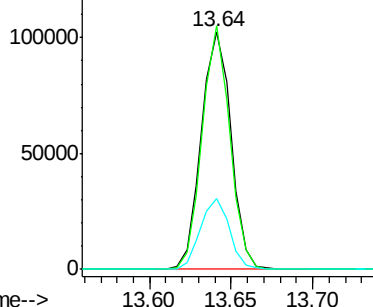
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	46.6	139.8	
145	29.3	14.2	42.6	

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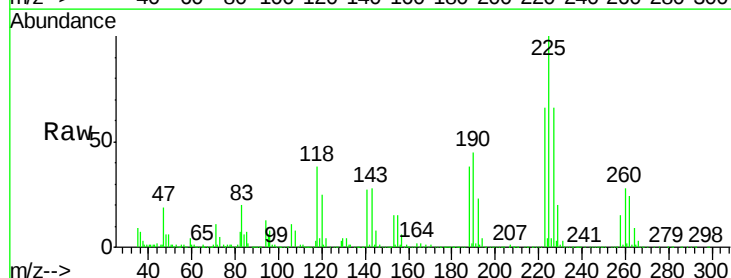


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

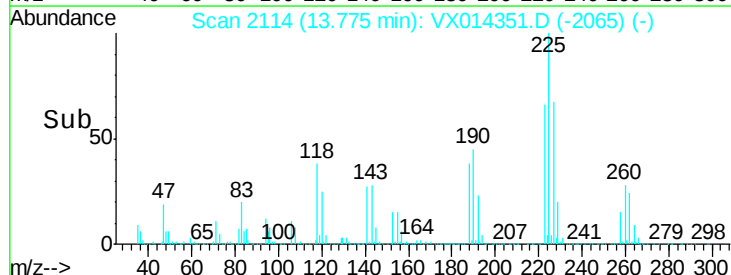
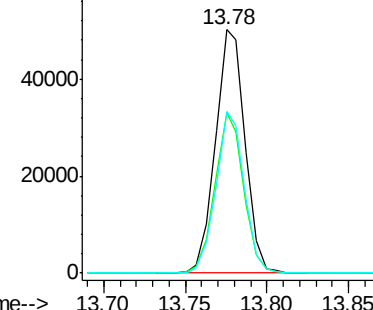


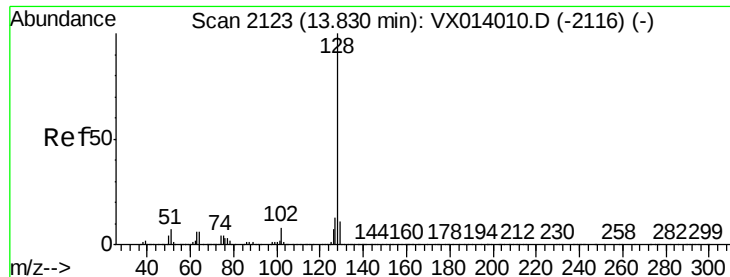
#94
 Hexachlorobutadiene
 Concen: 19.413 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014351.D
 Acq: 30 Dec 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	30.9	92.5	
227	63.8	30.9	92.7	



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





#95

Naphthalene

Concen: 19.884 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Instrument :

MSVOA_X

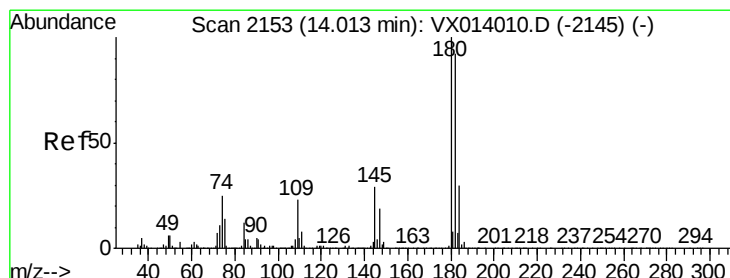
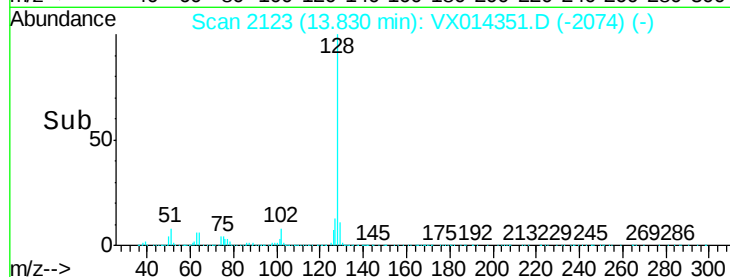
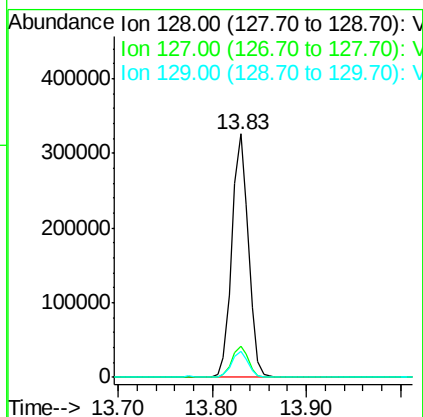
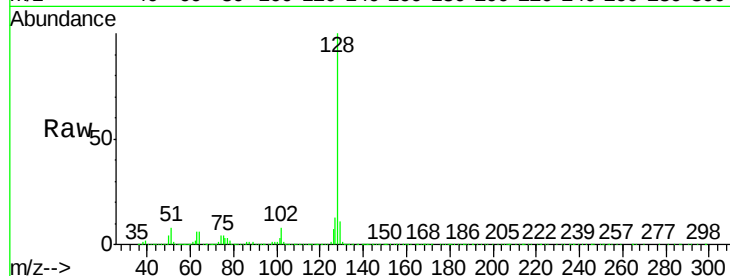
ClientSampleId :

VX1230WBSD02

Tot Ion:	128	Resp:	397217
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
12/31/2019 9:32:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.861 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014351.D

Acq: 30 Dec 2019 14:13

Tgt Ion:	180	Resp:	133306
Ion Ratio		Lower	Upper
180	100		
182	95.9	46.8	140.3
145	30.3	14.8	44.4

