

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014142.D
 Acq On : 20 Dec 2019 00:46
 Operator : JC/SP
 Sample : VX1219WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX1219WBSD03

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:40 AM

Quant Time: Dec 20 04:30:21 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	510817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	799610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	721266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	284812	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	235815	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.71	98	904979	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	315645	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82557	18.065	ug/l	96
3) Chloromethane	1.32	50	117361	19.136	ug/l	99
4) Vinyl Chloride	1.40	62	123182	19.035	ug/l	99
5) Bromomethane	1.63	94	81571	17.760	ug/l	100
6) Chloroethane	1.72	64	84123	21.062	ug/l	95
7) Trichlorofluoromethane	1.92	101	157897	19.710	ug/l	99
8) Diethyl Ether	2.18	74	71420	18.996	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92585	19.173	ug/l	99
10) Methyl Iodide	2.50	142	115342	19.784	ug/l	98
11) Tert butyl alcohol	3.03	59	127234	101.709	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94881	19.309	ug/l	97
13) Acrolein	2.28	56	80467	112.370	ug/l	99
14) Allyl chloride	2.72	41	171602	19.559	ug/l	99
15) Acrylonitrile	3.13	53	309149	105.879	ug/l	99
16) Acetone	2.43	43	299250	79.618	ug/l	99
17) Carbon Disulfide	2.56	76	248625	18.703	ug/l	99
18) Methyl Acetate	2.76	43	157776	21.184	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	328086	20.319	ug/l	98
20) Methylene Chloride	2.85	84	112570	19.019	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	102010	18.844	ug/l	96
22) Diisopropyl ether	3.84	45	360030	20.593	ug/l	99
23) Vinyl Acetate	3.80	43	1388321	97.309	ug/l	99
24) 1,1-Dichloroethane	3.69	63	190829	19.619	ug/l	99
25) 2-Butanone	4.65	43	449691	97.044	ug/l	98
26) 2,2-Dichloropropane	4.58	77	121785	16.126	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	118468	19.350	ug/l	99
28) Bromochloromethane	5.00	49	79219	21.439	ug/l	99
29) Tetrahydrofuran	5.12	42	278313	107.380	ug/l	100
30) Chloroform	5.20	83	187731	20.359	ug/l	100
31) Cyclohexane	5.57	56	171490	19.823	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	152674	19.427	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138414	18.866	ug/l	99
37) Ethyl Acetate	4.82	43	166634	20.567	ug/l	98
38) Carbon Tetrachloride	5.78	117	127319	19.049	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163432	18.040	ug/l	97
40) Benzene	6.14	78	432669	19.166	ug/l	100
41) Methacrylonitrile	5.03	41	89573	19.926	ug/l	97
42) 1,2-Dichloroethane	6.18	62	150913	19.721	ug/l	100
43) Isopropyl Acetate	6.43	43	271100	20.219	ug/l	99
44) Trichloroethene	7.21	130	117047	18.772	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116923	20.208	ug/l	98
46) Dibromomethane	7.65	93	73401	19.187	ug/l	99
47) Bromodichloromethane	7.89	83	138498	19.223	ug/l	98
48) Methyl methacrylate	7.76	41	129278	19.690	ug/l	99
49) 1,4-Dioxane	7.73	88	55089	412.300	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	857280	101.806	ug/l	100
52) Toluene	8.78	92	269826	18.910	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	147414	18.660	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167379	19.018	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	111633	19.520	ug/l	99
56) Ethyl methacrylate	9.17	69	172621	19.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	191248	19.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	311327	91.578	ug/l	99
59) 2-Hexanone	9.48	43	655270	96.666	ug/l	100
60) Dibromochloromethane	9.58	129	108739	19.129	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116032	19.830	ug/l	100
64) Tetrachloroethene	9.33	164	140744	22.052	ug/l	97
65) Chlorobenzene	10.14	112	287029	18.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	104925	19.162	ug/l	100
67) Ethyl Benzene	10.25	91	504329	19.128	ug/l	100
68) m/p-Xylenes	10.35	106	382707	37.740	ug/l	100
69) o-Xylene	10.70	106	188599	18.963	ug/l	100
70) Styrene	10.71	104	313456	18.638	ug/l	99
71) Bromoform	10.85	173	83866	19.054	ug/l #	99
73) Isopropylbenzene	11.01	105	491629	19.932	ug/l	100
74) N-amyl acetate	10.89	43	225837	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166505	19.471	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	161132m	21.186	ug/l	
77) Bromobenzene	11.25	156	130389	19.213	ug/l	98
78) n-propylbenzene	11.35	91	545812	19.728	ug/l	99
79) 2-Chlorotoluene	11.42	91	331465	19.709	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405299	19.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47047	17.460	ug/l	93
82) 4-Chlorotoluene	11.51	91	375131	19.229	ug/l	99
83) tert-Butylbenzene	11.76	119	372162	18.422	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	410913	19.766	ug/l	99
85) sec-Butylbenzene	11.94	105	468942	19.663	ug/l	100
86) p-Isopropyltoluene	12.06	119	428153	19.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220157	18.510	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	221430	18.310	ug/l	99
89) n-Butylbenzene	12.38	91	344117	18.487	ug/l	98
90) Hexachloroethane	12.59	117	72839	18.589	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	229425	19.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35123	18.561	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144176	18.527	ug/l	98
94) Hexachlorobutadiene	13.77	225	69383	18.552	ug/l	99
95) Naphthalene	13.83	128	455574	19.926	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148679	19.354	ug/l	98

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

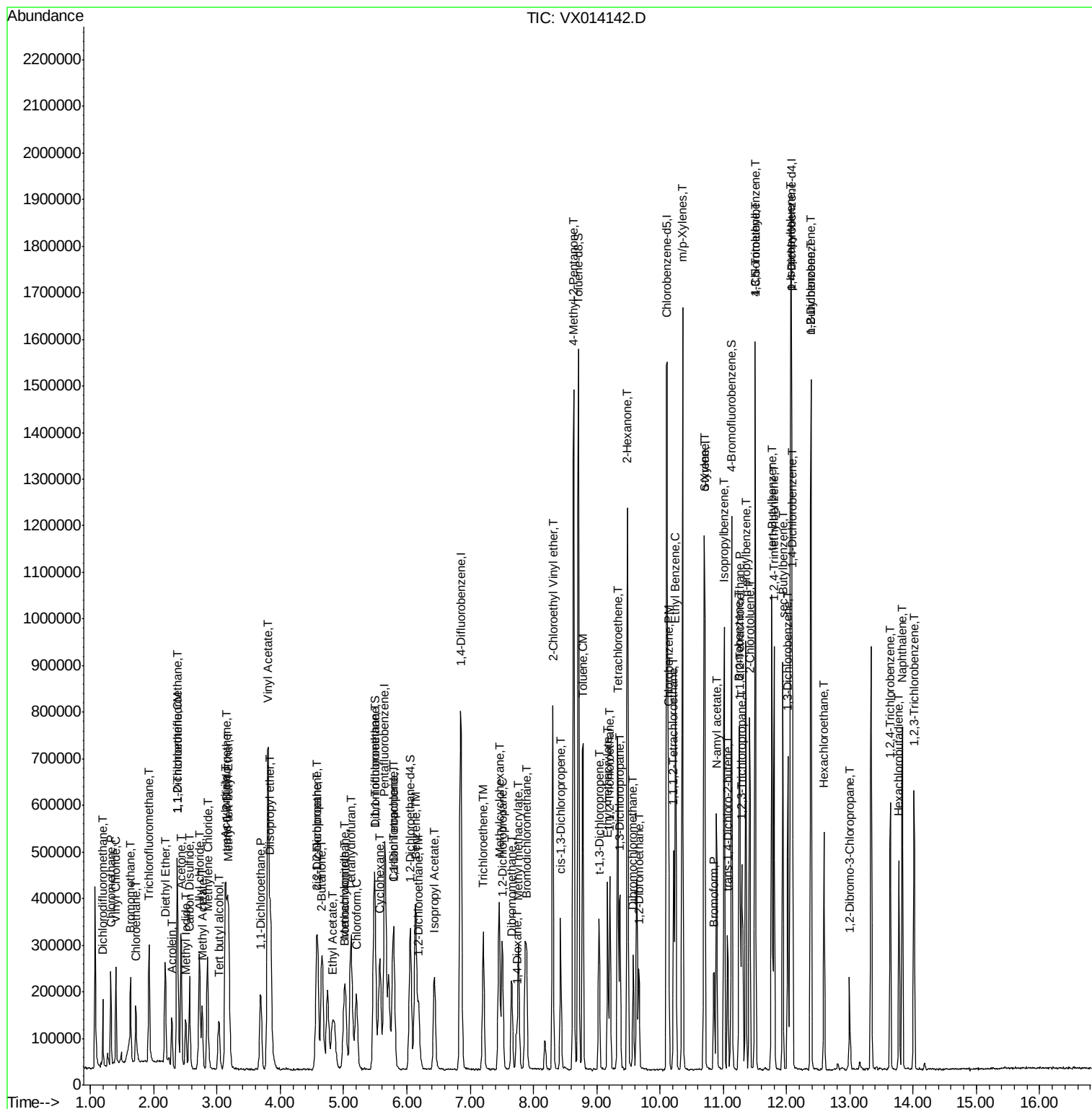
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014142.D
Acq On    : 20 Dec 2019   00:46
Operator  : JC/SP
Sample    : VX1219WBSD03
Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 36      Sample Multiplier: 1
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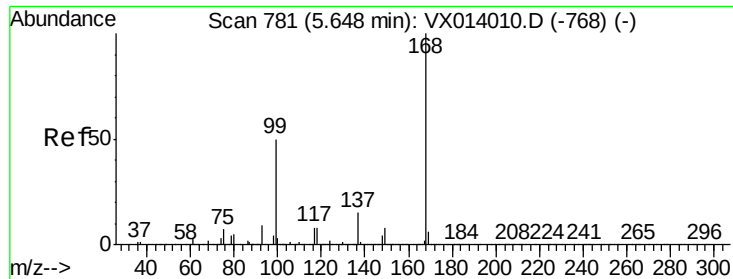
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion:168 Resp: 510817

Ion Ratio Lower Upper

168 100

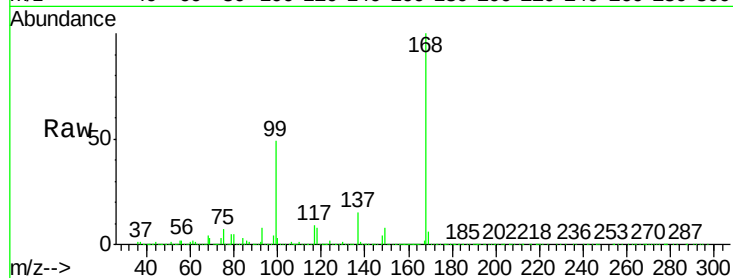
99 49.3 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

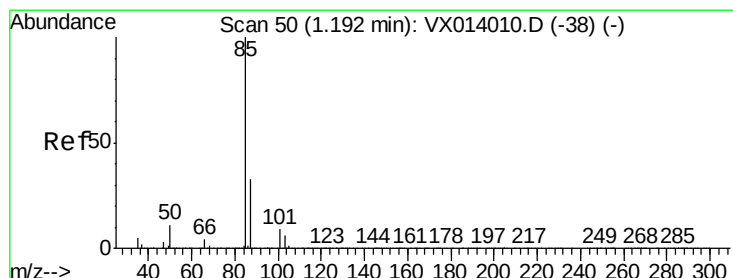
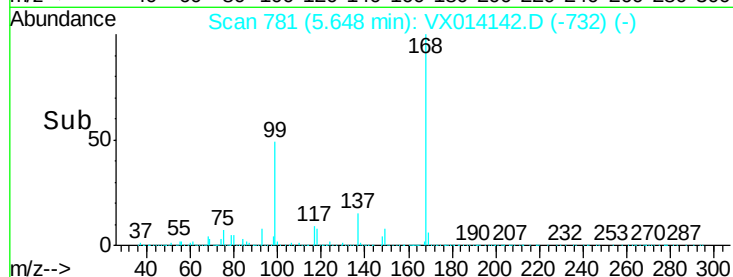
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.065 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014142.D

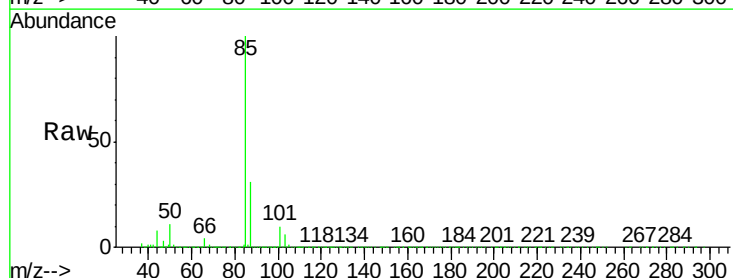
Acq: 20 Dec 2019 00:46

Tgt Ion: 85 Resp: 82557

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

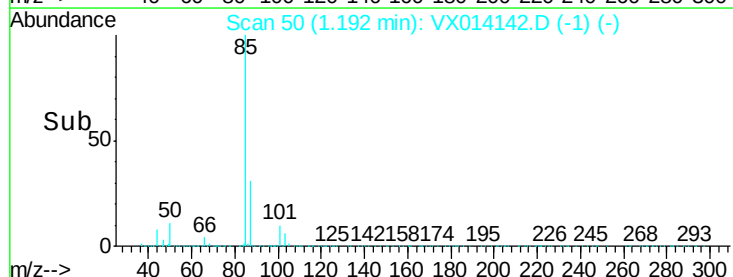
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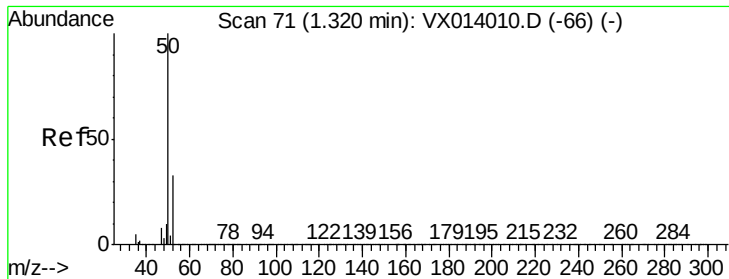
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20000

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Time-->





#3

Chloromethane

Concen: 19.136 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tot Ion: 50 Resp: 117361

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4

Instrument :

MSVOA_X

ClientSampleId :

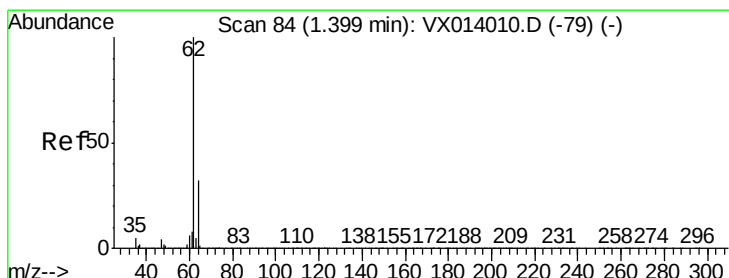
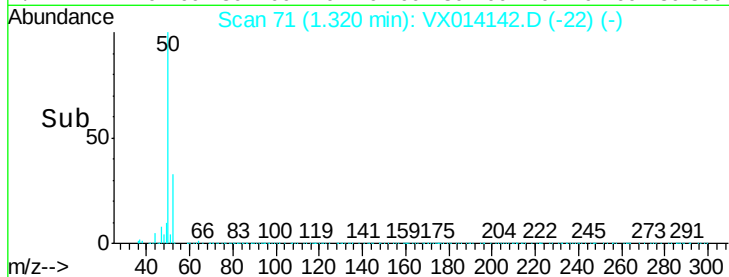
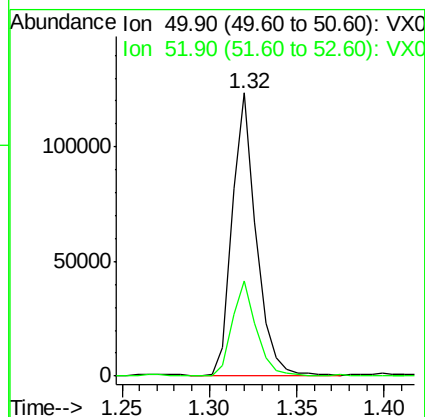
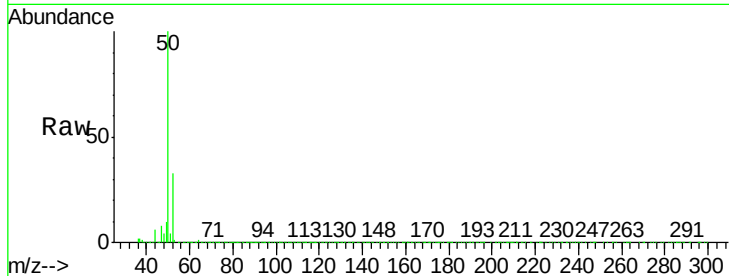
VX1219WBSD03

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#4

Vinyl Chloride

Concen: 19.035 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014142.D

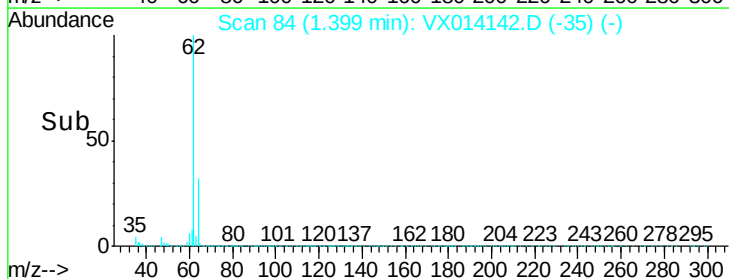
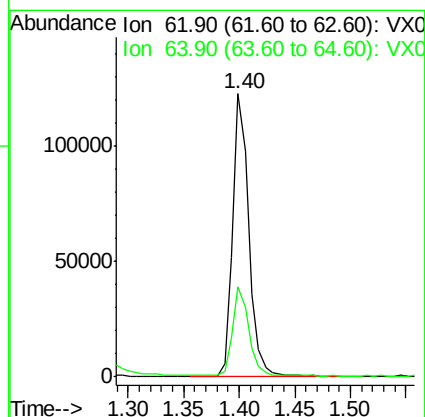
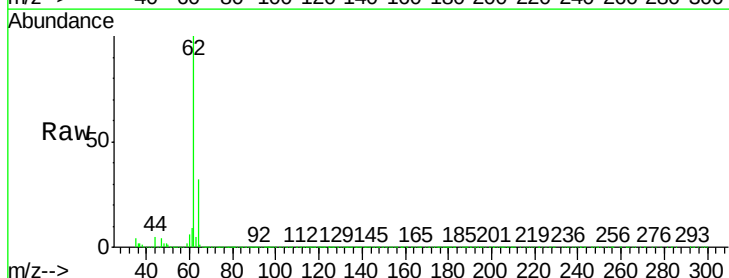
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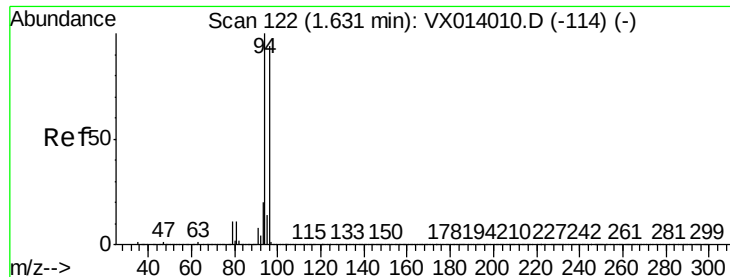
Tgt Ion: 62 Resp: 123182

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 17.760 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tot Ion: 94 Resp: 81571

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

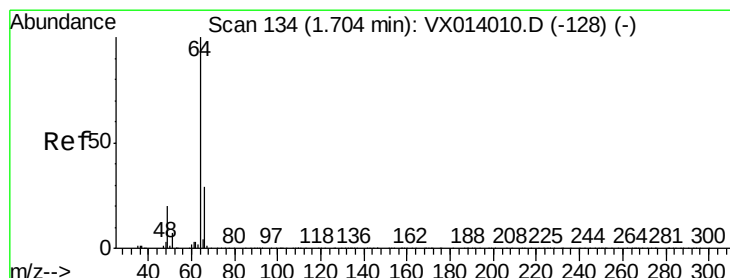
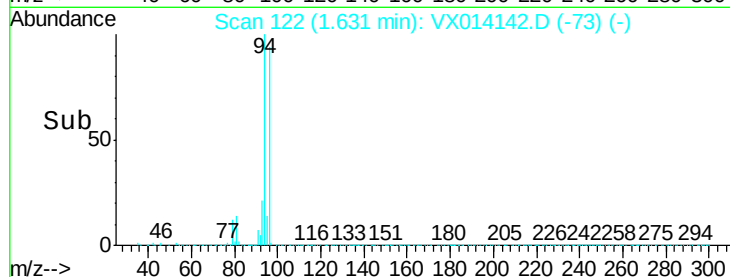
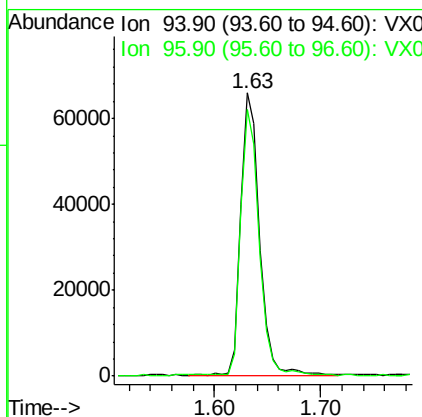
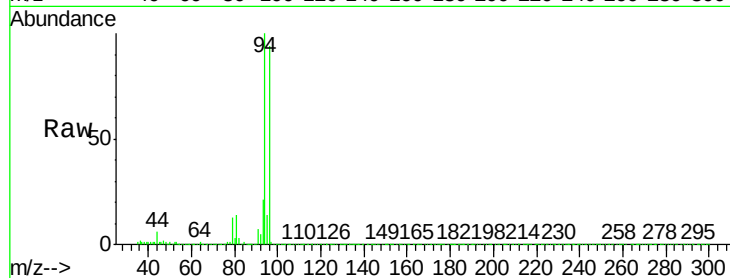
VX1219WBSD03

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#6

Chloroethane

Concen: 21.062 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014142.D

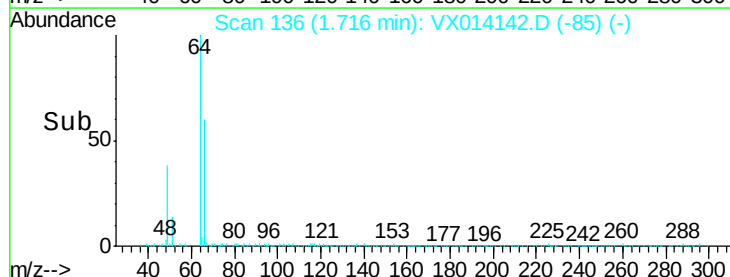
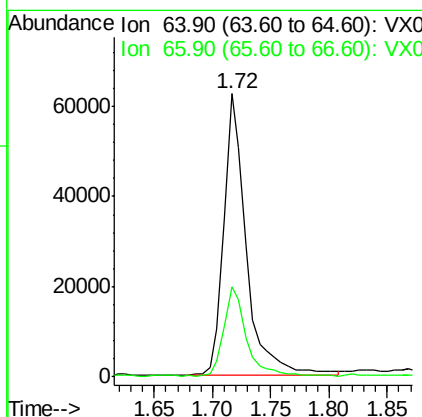
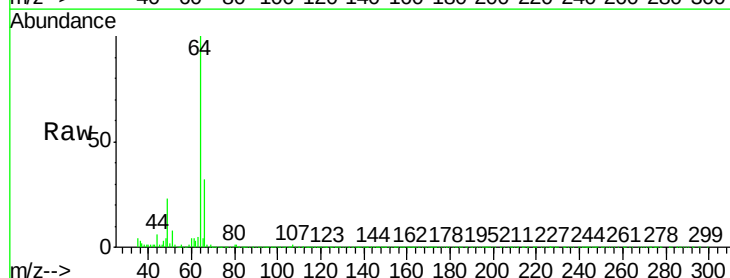
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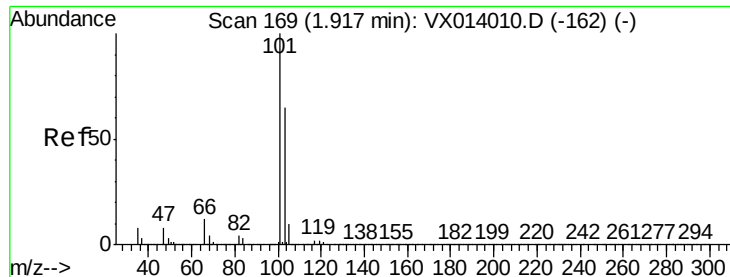
Tgt Ion: 64 Resp: 84123

Ion Ratio Lower Upper

64 100

66 31.8 23.4 35.2





#7

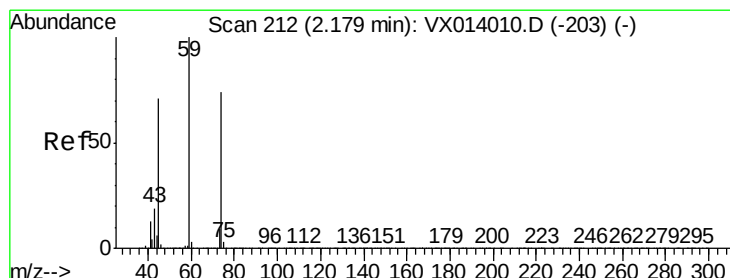
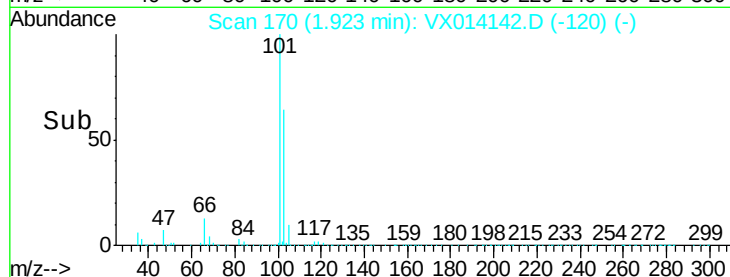
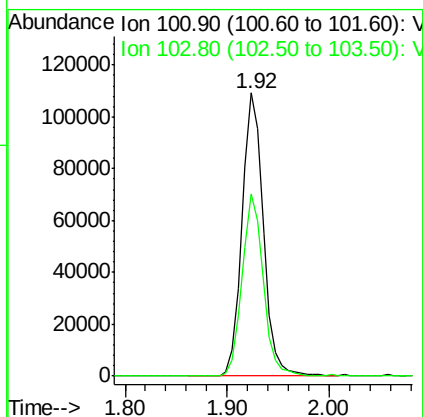
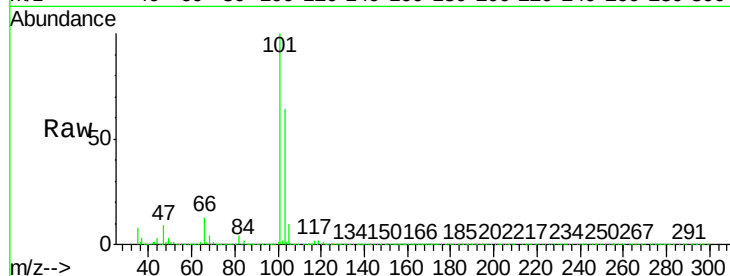
Trichlorofluoromethane
Concen: 19.710 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
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ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

Manual Integrations
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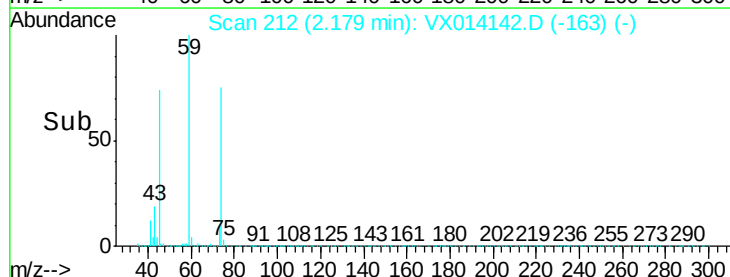
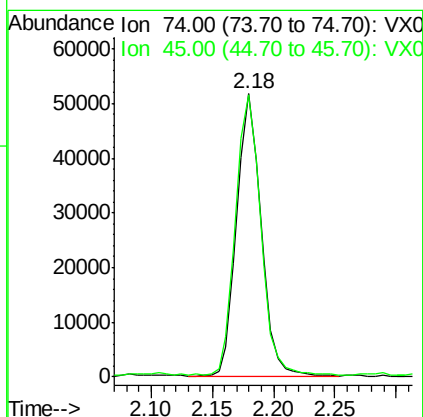
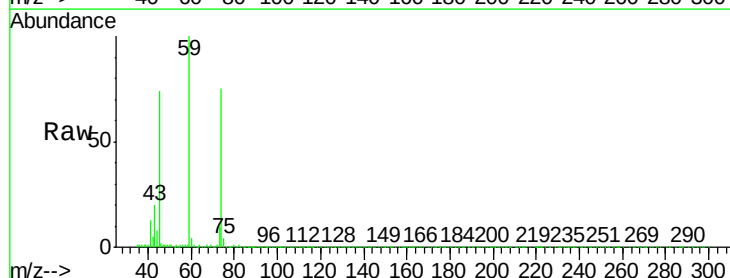
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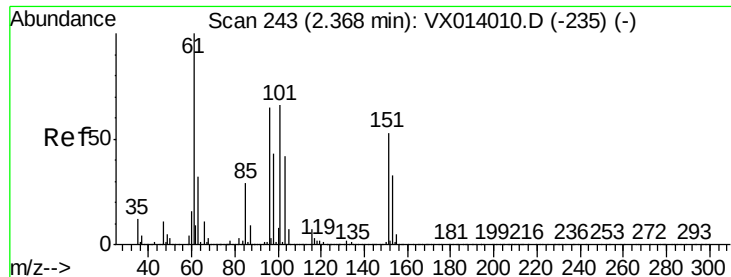


#8

Diethyl Ether
Concen: 18.996 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.173 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014142.D

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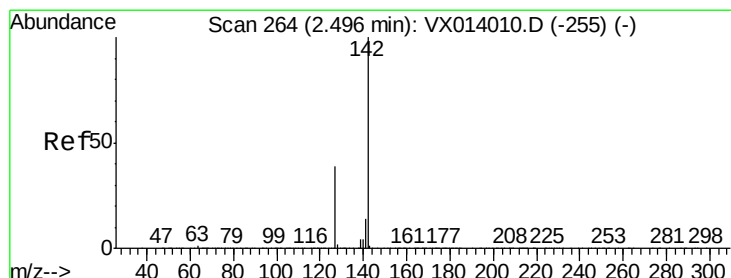
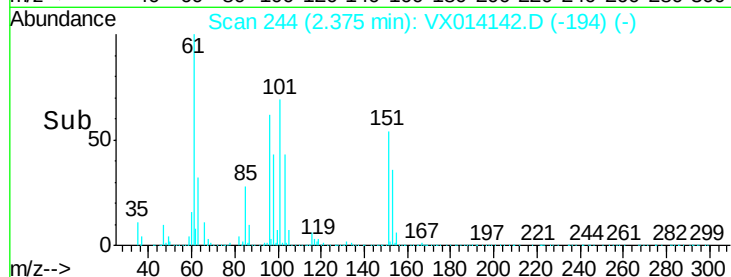
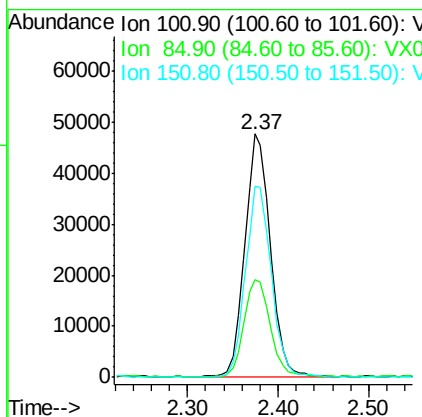
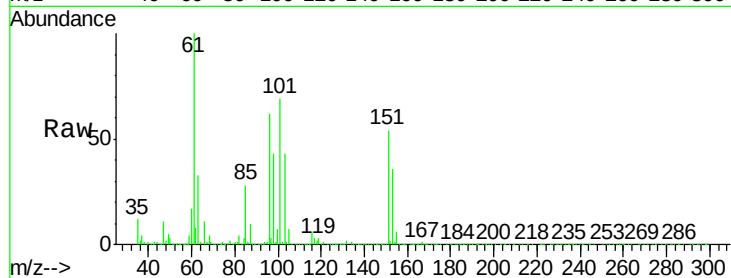
ClientSampleId :

VX1219WBSD03

Tot Ion:	101	Resp:	92585
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	80.0	64.5	96.7

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#10

Methyl Iodide

Concen: 19.784 ug/l

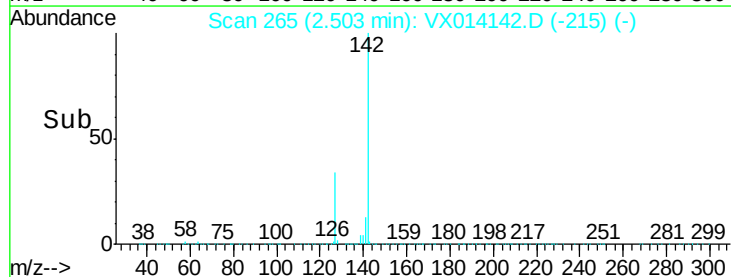
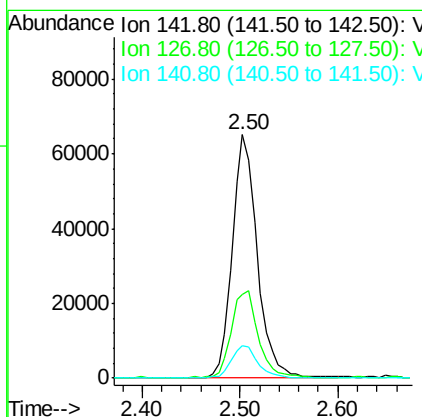
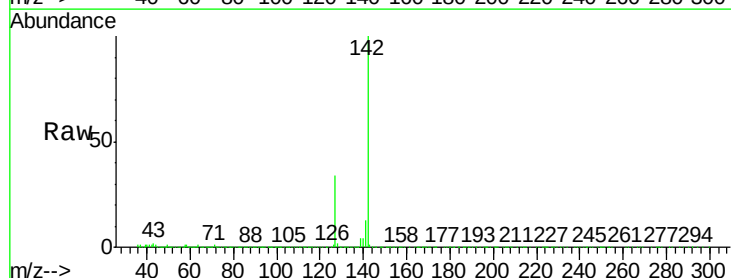
RT: 2.50 min Scan# 265

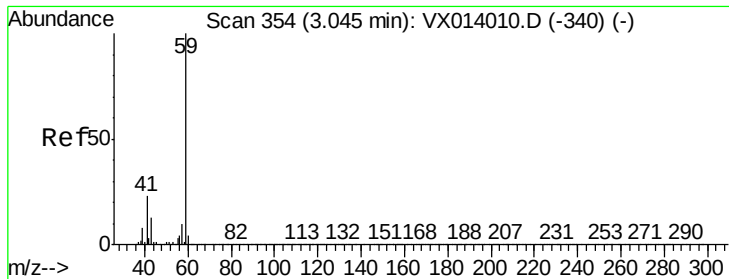
Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	142	Resp:	115342
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	13.7	11.6	17.4





#11

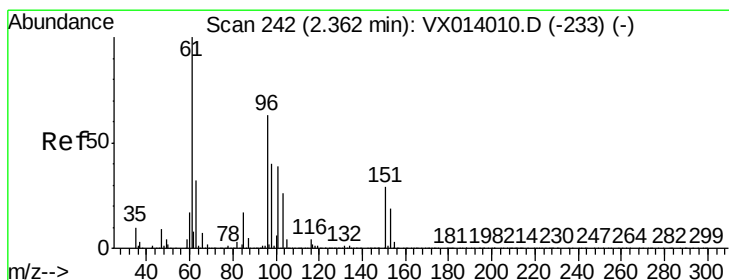
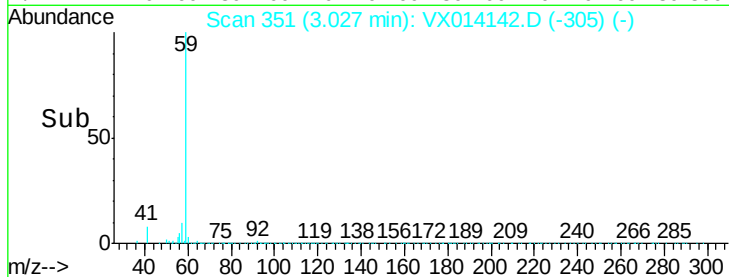
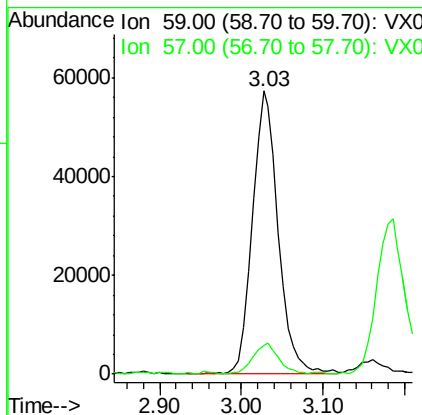
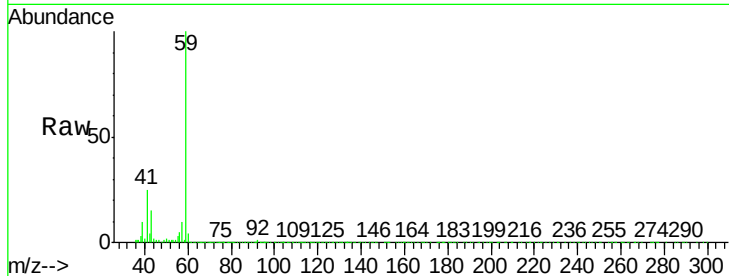
Tert butyl alcohol
Concen: 101.709 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.1	8.4	12.6

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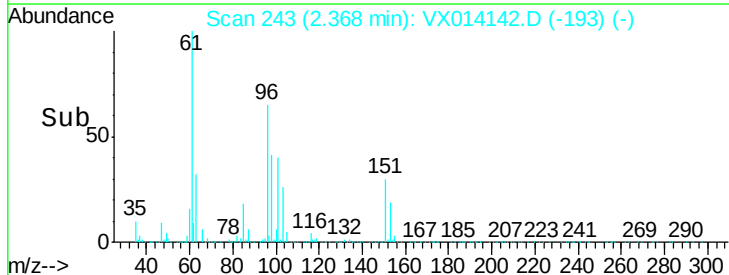
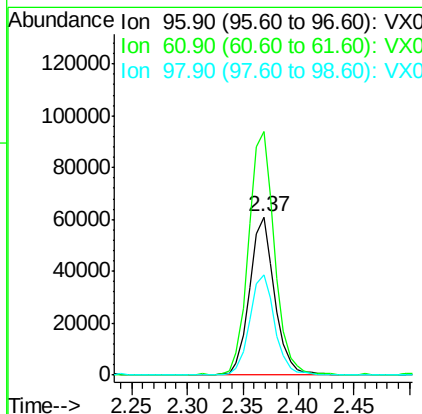
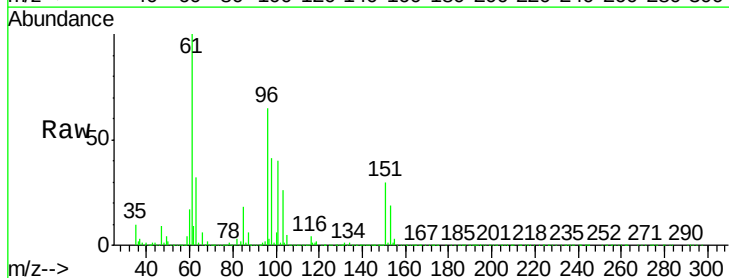
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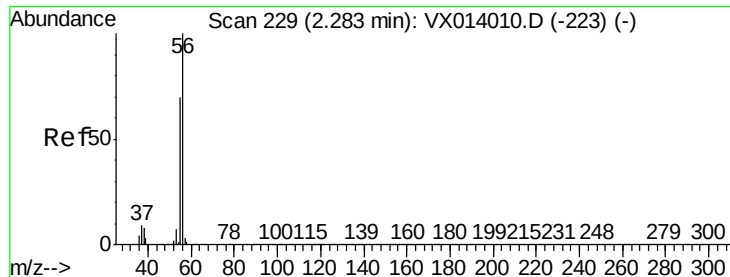


#12

1,1-Dichloroethene
Concen: 19.309 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	154.4	127.9	191.9
98	98	63.6	50.5	75.7





#13

Acrolein

Concen: 112.370 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 56 Resp: 80467

Ion Ratio Lower Upper

56 100

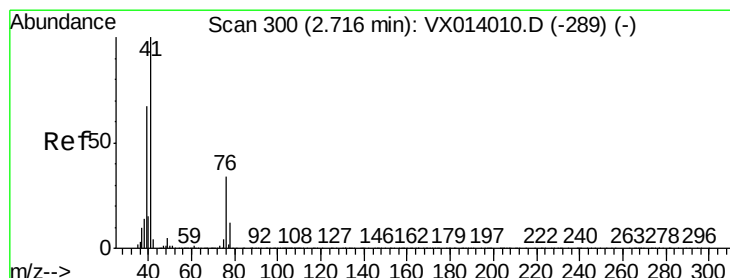
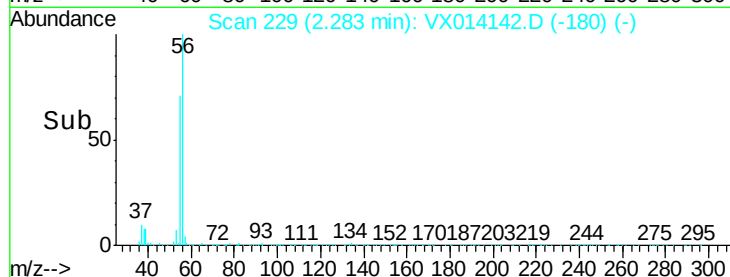
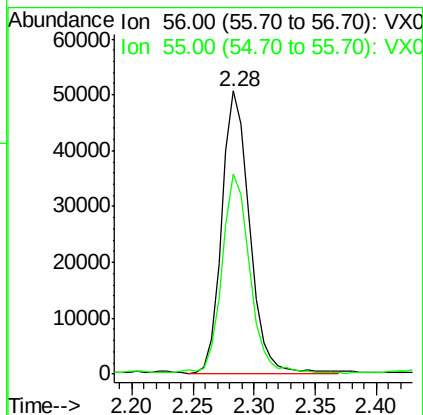
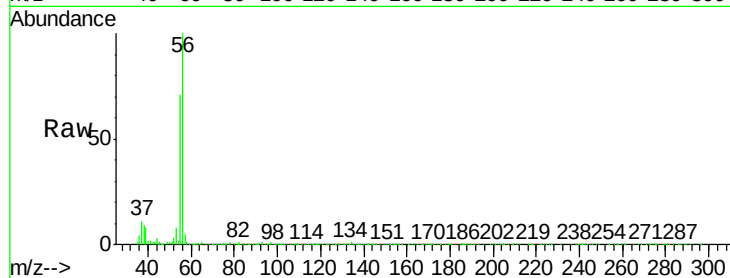
55 70.0 56.9 85.3

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#14

Allyl chloride

Concen: 19.559 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

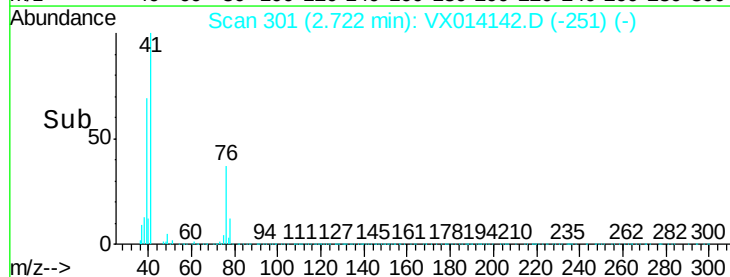
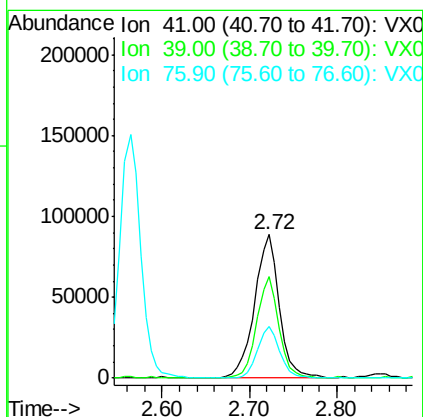
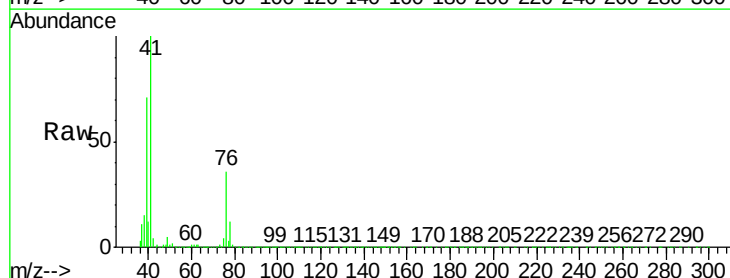
Tgt Ion: 41 Resp: 171602

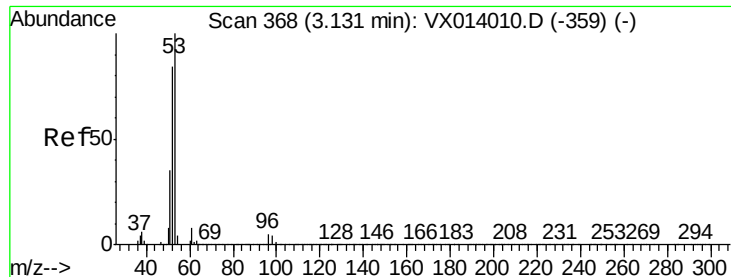
Ion Ratio Lower Upper

41 100

39 63.6 51.8 77.8

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 105.879 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

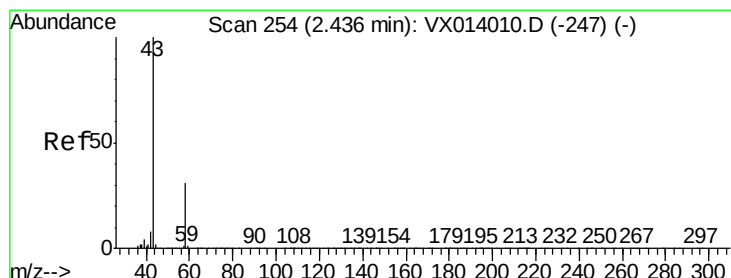
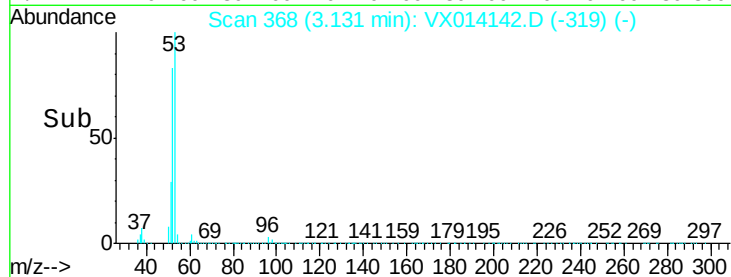
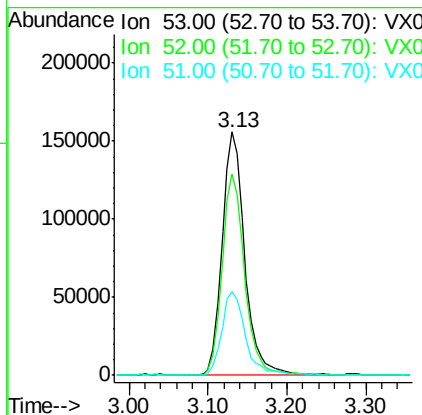
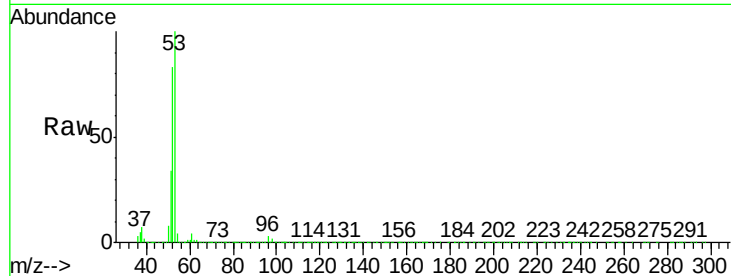
ClientSampleId :

VX1219WBSD03

Tot Ion:	53	Resp:	309149
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.2	28.1	42.1

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#16

Acetone

Concen: 79.618 ug/l

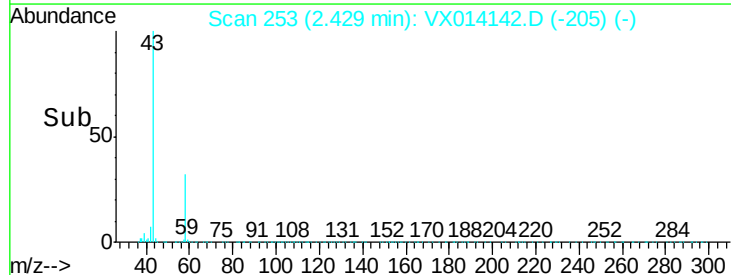
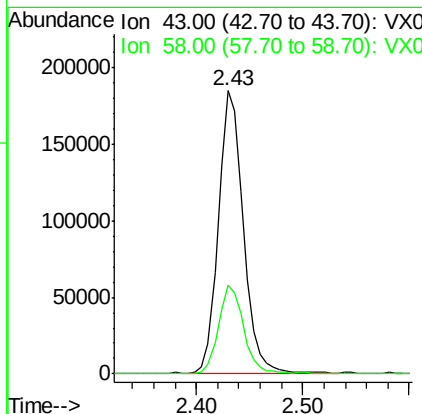
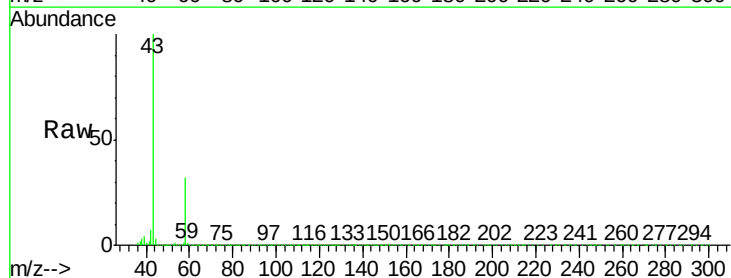
RT: 2.43 min Scan# 253

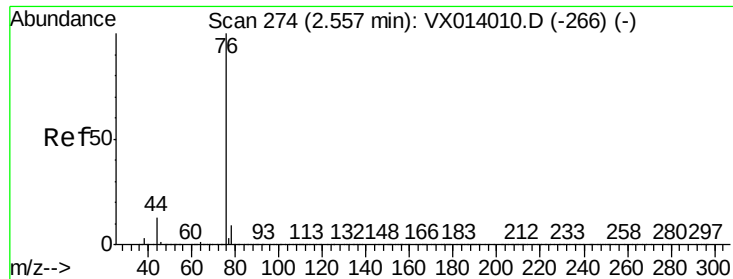
Delta R.T. -0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	43	Resp:	299250
Ion Ratio		Lower	Upper
43	100		
58	31.5	24.9	37.3





#17

Carbon Disulfide

Concen: 18.703 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 76 Resp: 248625

Ion Ratio Lower Upper

76 100

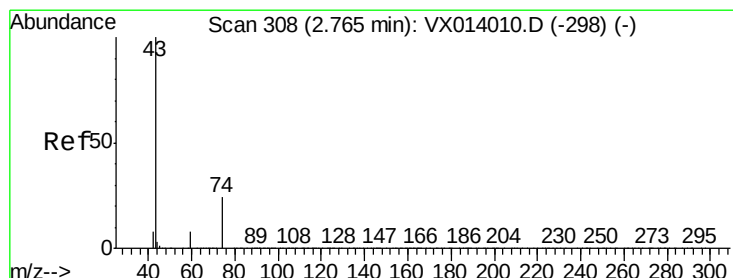
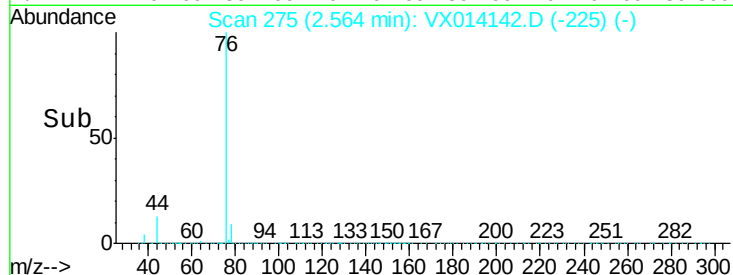
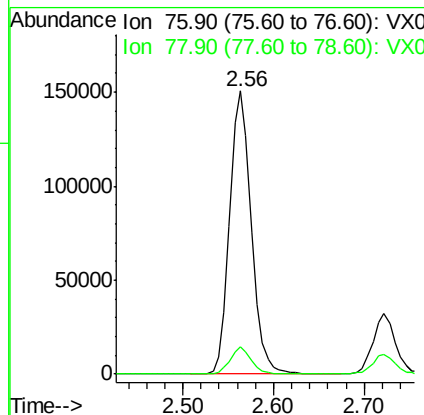
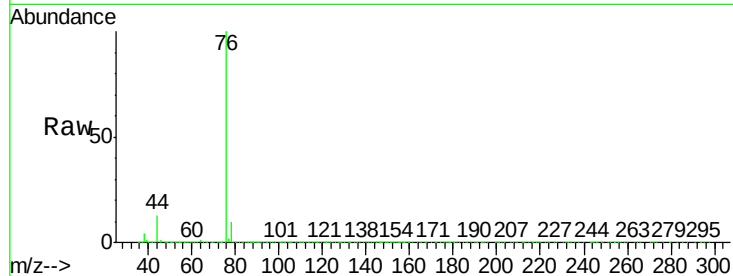
78 9.5 7.2 10.8

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#18

Methyl Acetate

Concen: 21.184 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014142.D

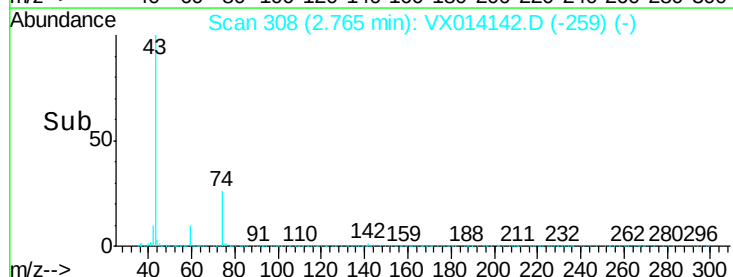
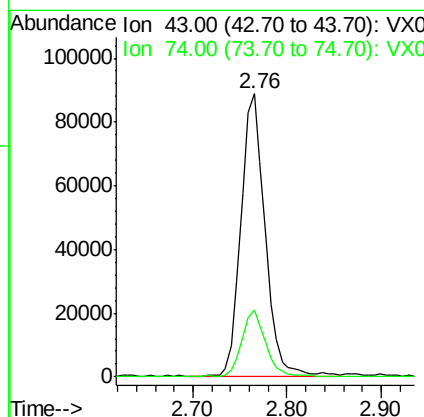
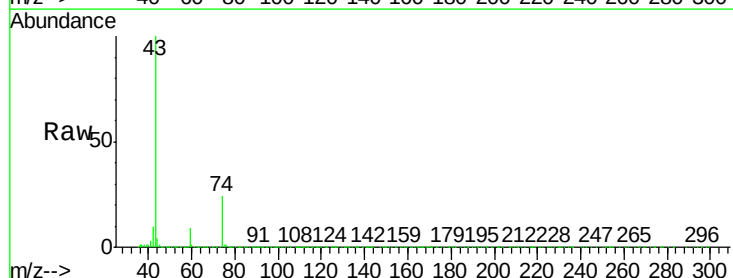
Acq: 20 Dec 2019 00:46

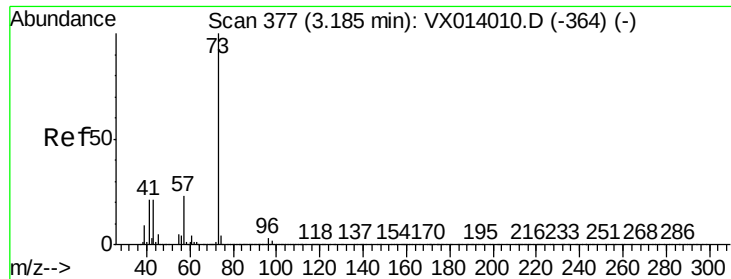
Tgt Ion: 43 Resp: 157776

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3





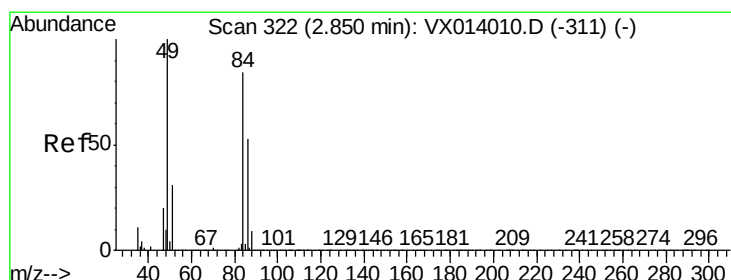
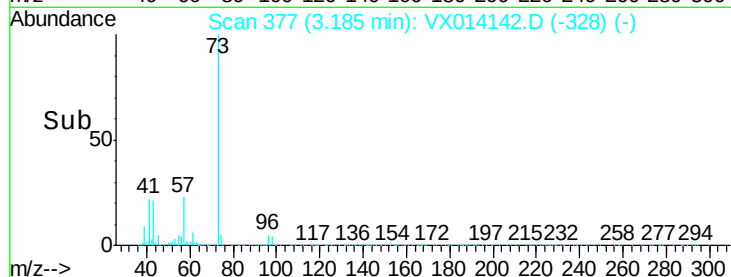
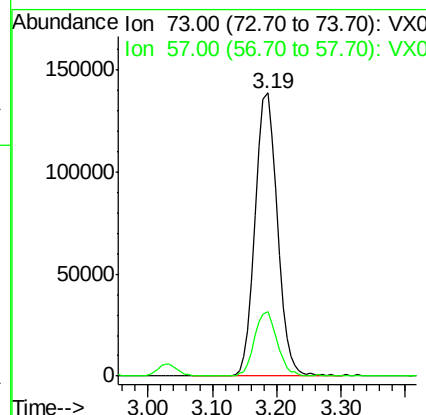
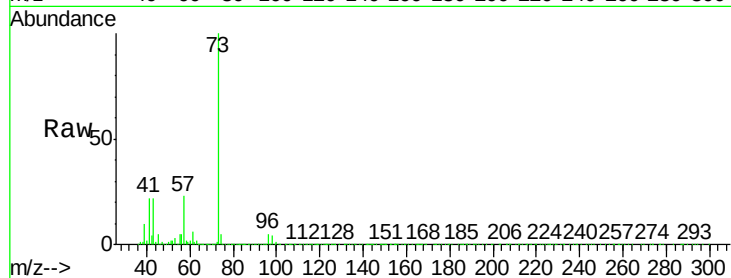
#19
Methyl tert-butyl Ether
Concen: 20.319 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.8	28.2

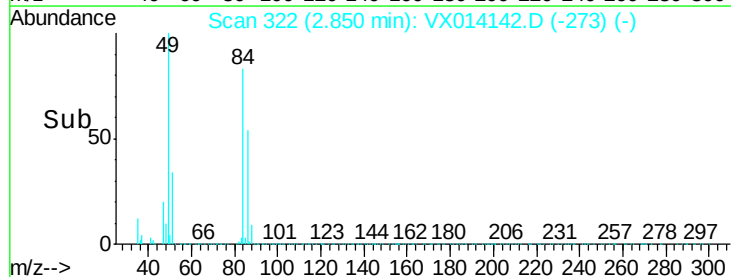
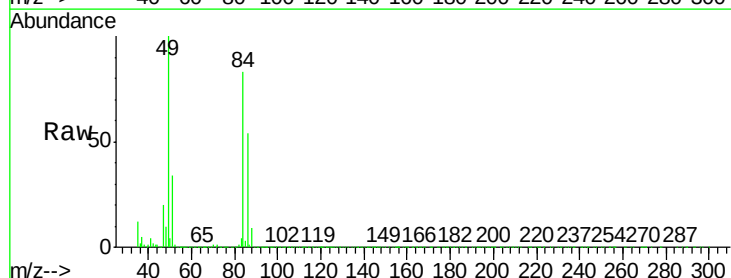
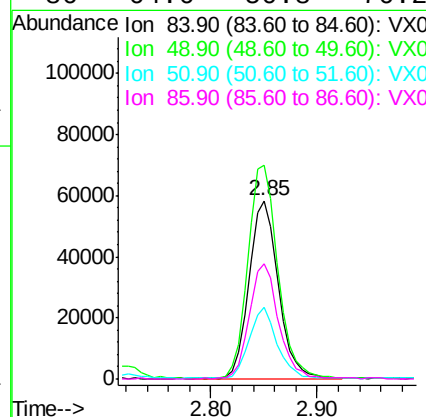
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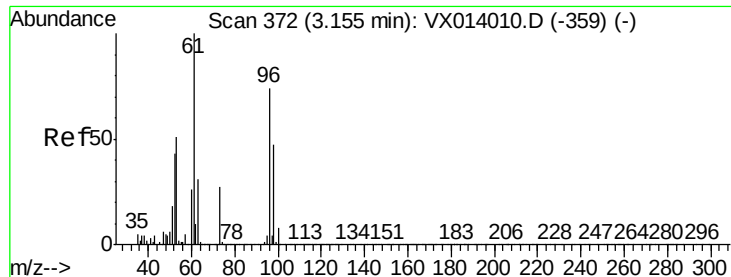
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#20
Methylene Chloride
Concen: 19.019 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.6
51	40.0	29.8	44.8
86	64.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.844 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

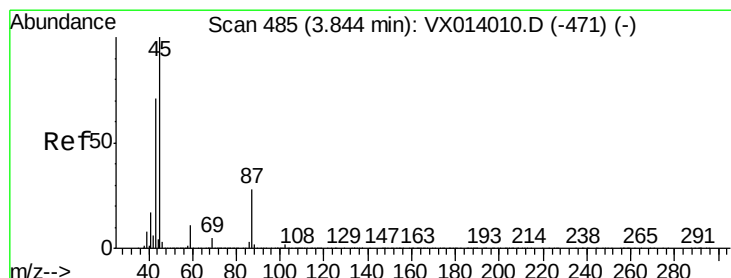
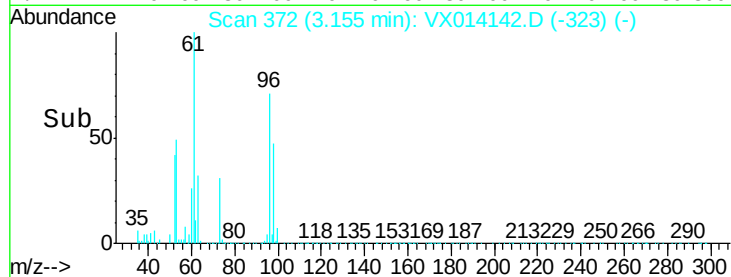
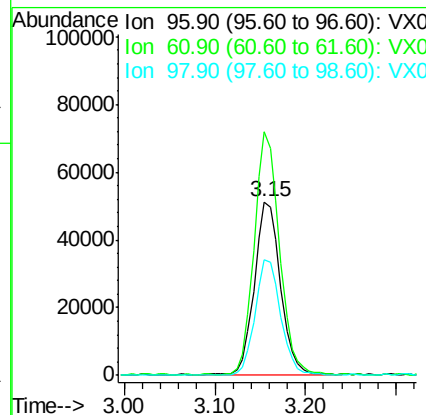
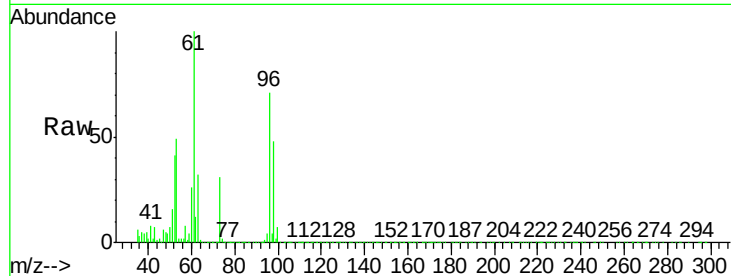
ClientSampleId :

VX1219WBSD03

Tot Ion:	96	Resp:	102010
Ion	Ratio	Lower	Upper
96	100		
61	140.3	108.3	162.5
98	66.7	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.593 ug/l

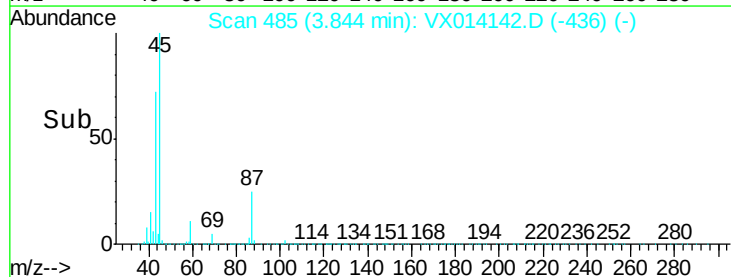
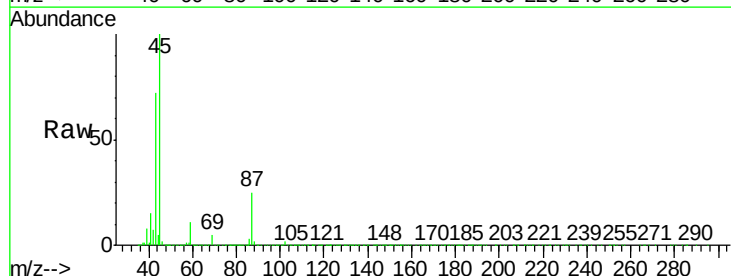
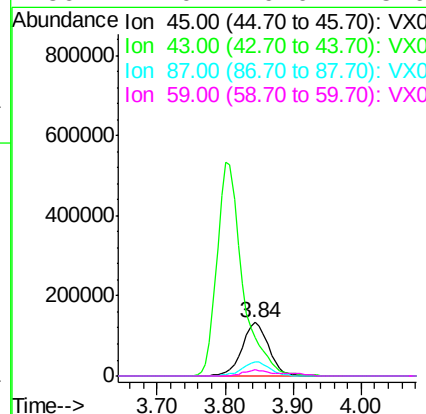
RT: 3.84 min Scan# 485

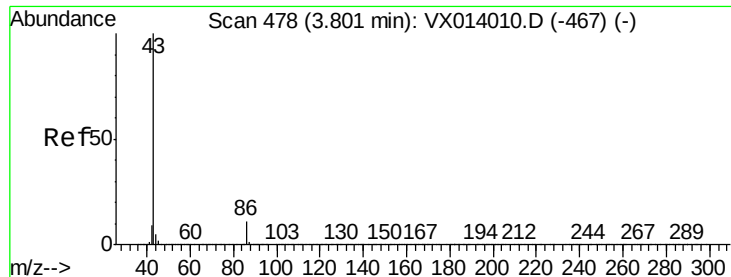
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	45	Resp:	360030
Ion	Ratio	Lower	Upper
45	100		
43	71.3	57.4	86.0
87	25.4	21.9	32.9
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 97.309 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 43 Resp: 1388321

Ion Ratio Lower Upper

43 100

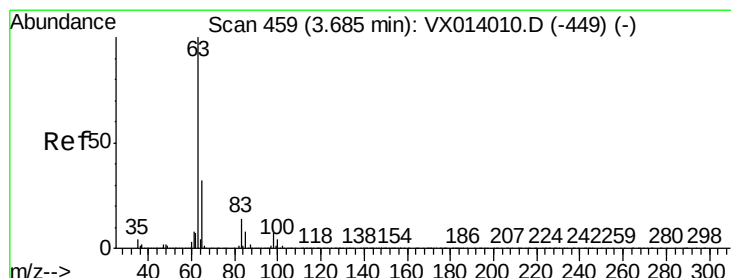
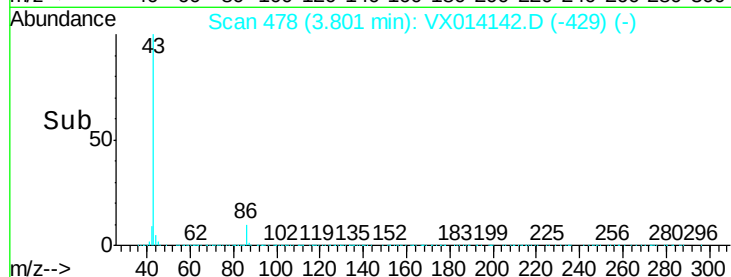
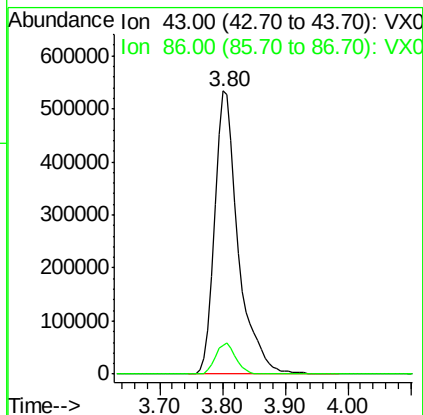
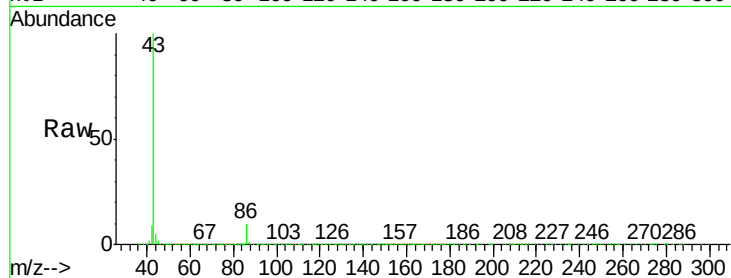
86 10.2 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.619 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

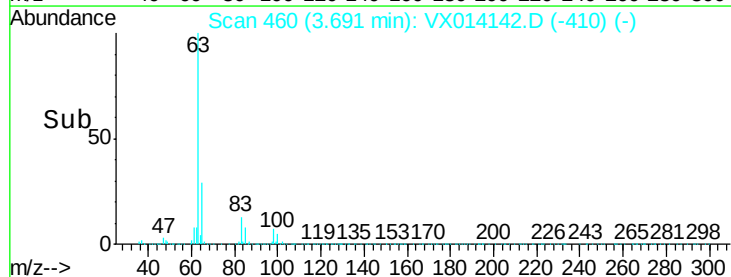
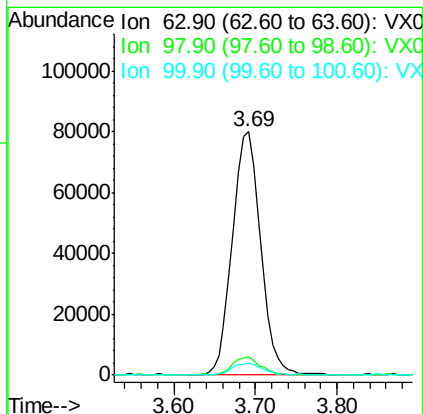
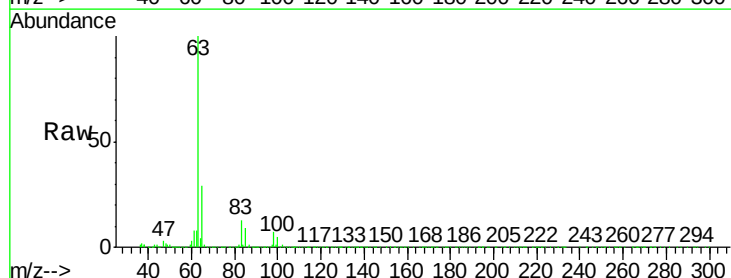
Tgt Ion: 63 Resp: 190829

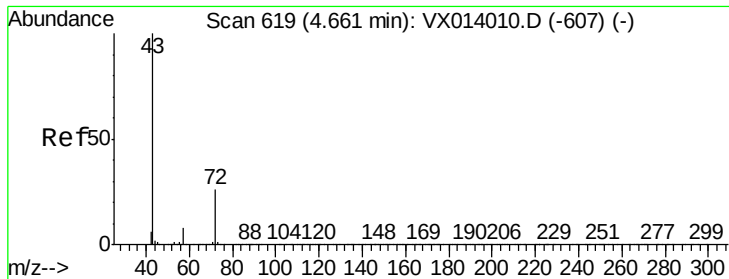
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 97.044 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014142.D

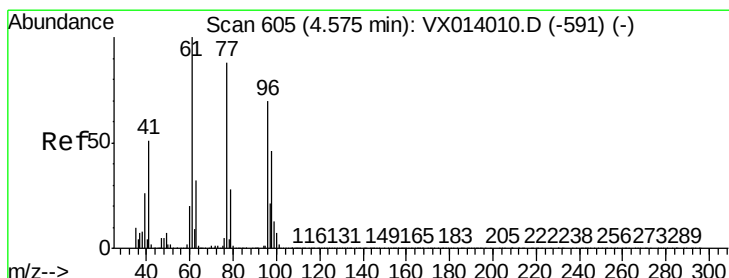
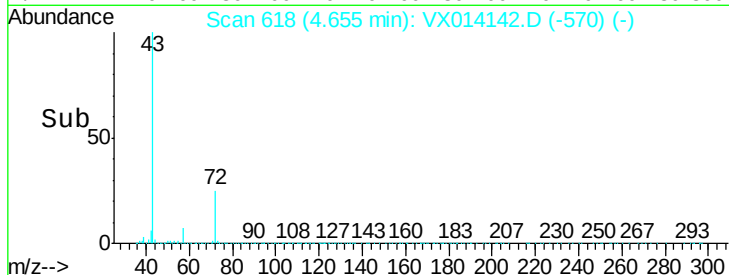
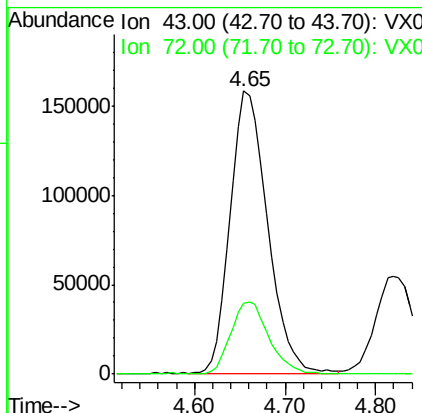
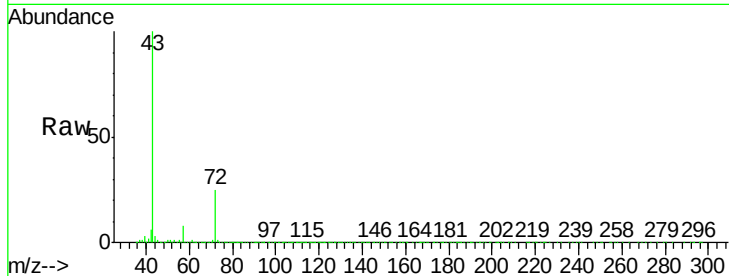
Acq: 20 Dec 2019 00:46

Tot Ion	43	Resp	449691
Ion	Ratio	Lower	Upper
43	100		
72	25.0	21.0	31.4

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

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#26

2,2-Dichloropropane

Concen: 16.126 ug/l

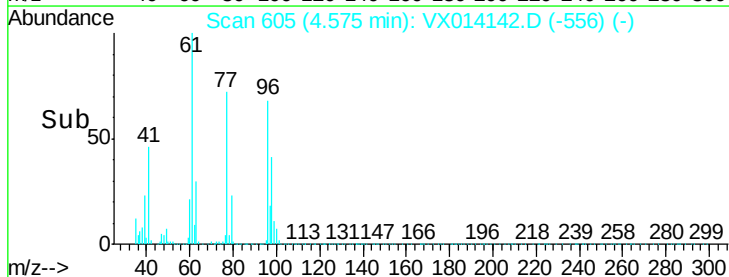
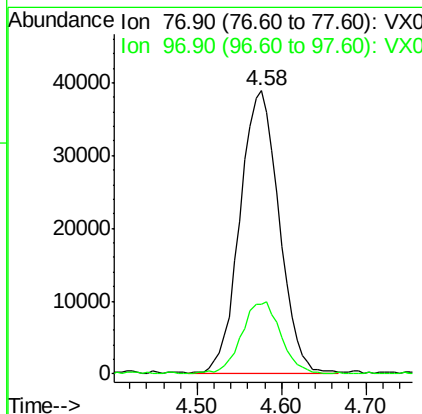
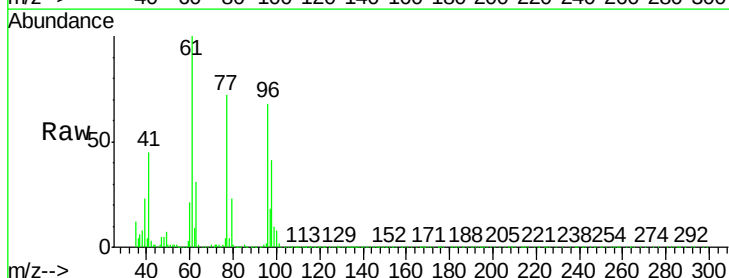
RT: 4.58 min Scan# 605

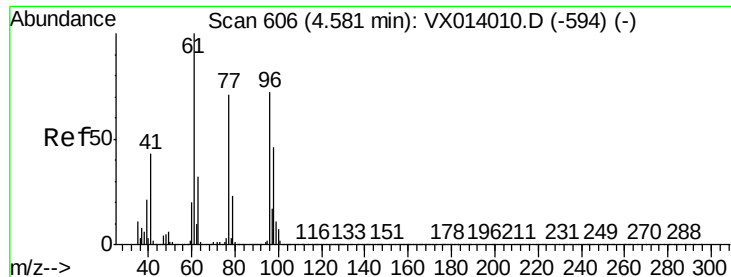
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion	77	Resp	121785
Ion	Ratio	Lower	Upper
77	100		
97	26.0	11.9	35.9





#27

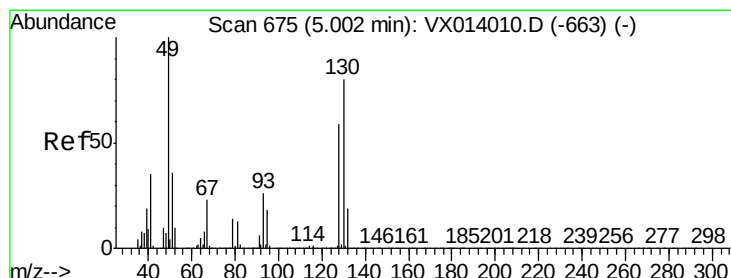
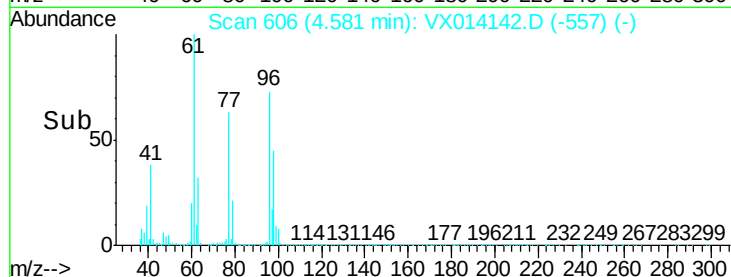
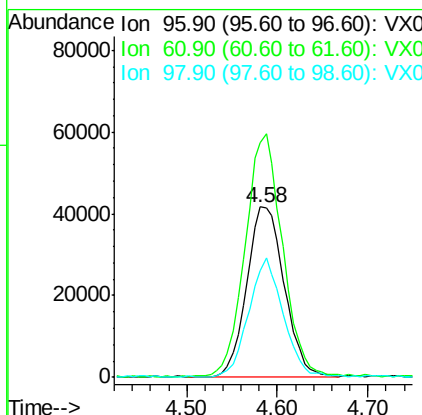
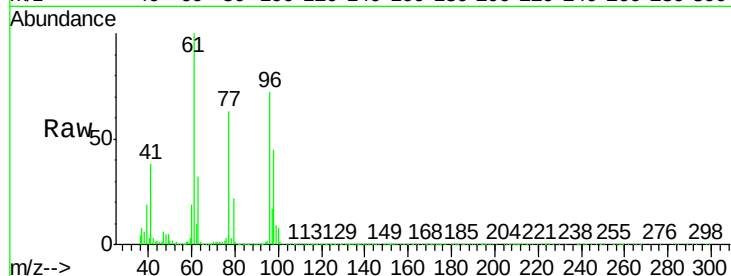
cis-1,2-Dichloroethene
Concen: 19.350 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	118468		
61	143.1	0.0	288.4	
98	64.4	0.0	129.6	

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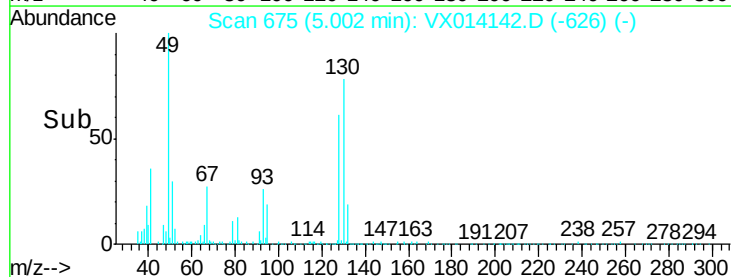
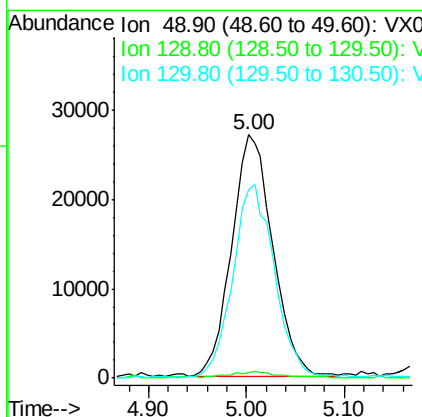
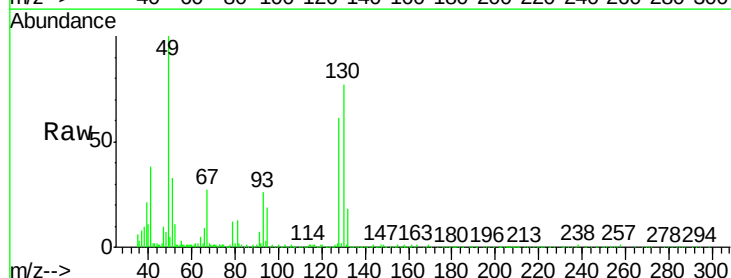
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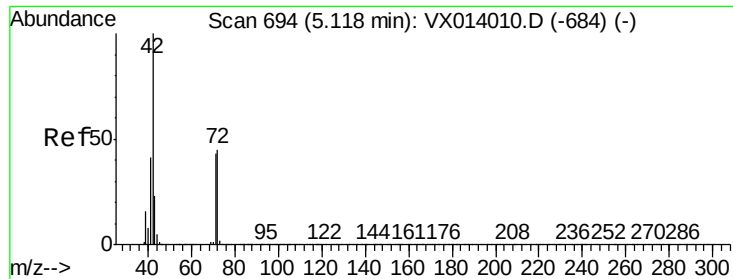


#28

Bromochloromethane
Concen: 21.439 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79219		
129	3.0	0.0	5.0	
130	81.3	64.6	97.0	





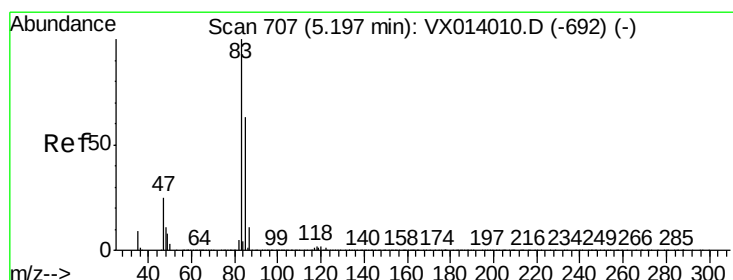
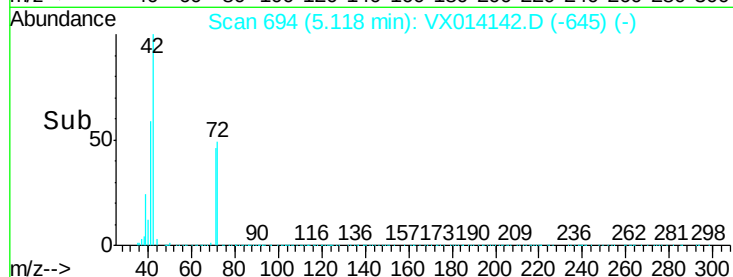
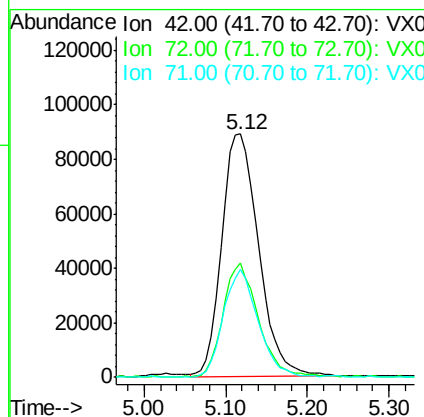
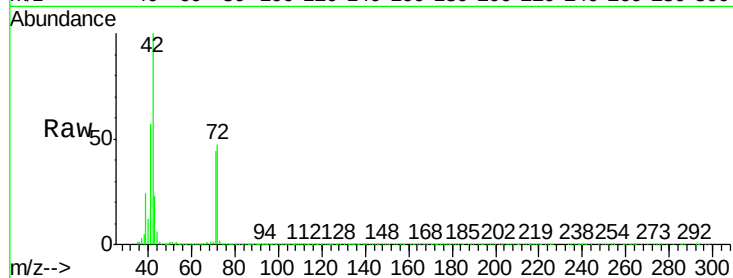
#29
Tetrahydrofuran
Concen: 107.380 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.8	53.8
71	41.9	33.6	50.4

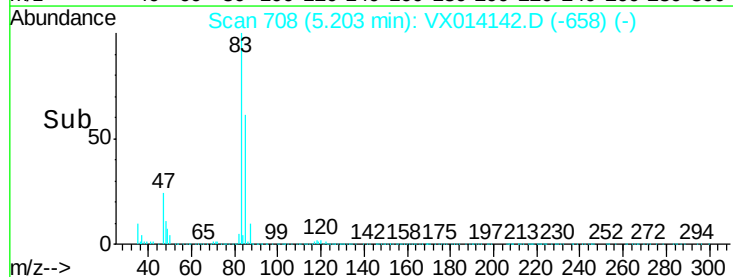
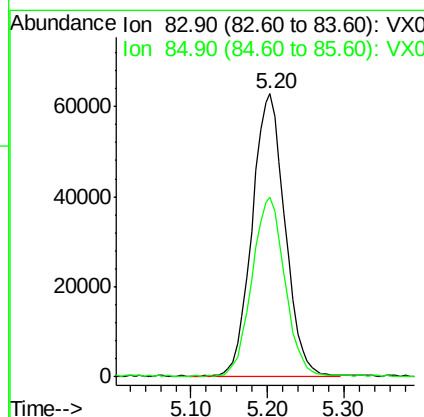
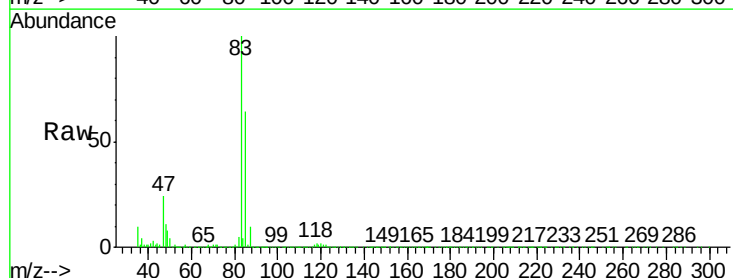
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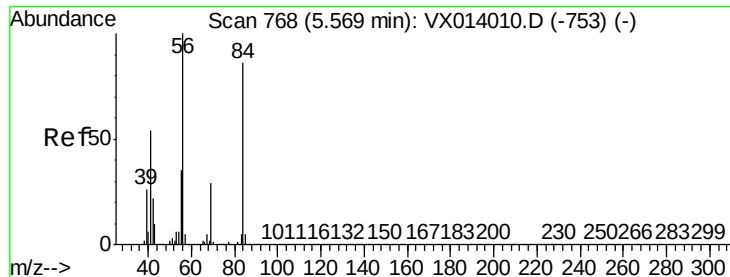
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#30
Chloroform
Concen: 20.359 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.8	76.2





#31

Cyclohexane

Concen: 19.823 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

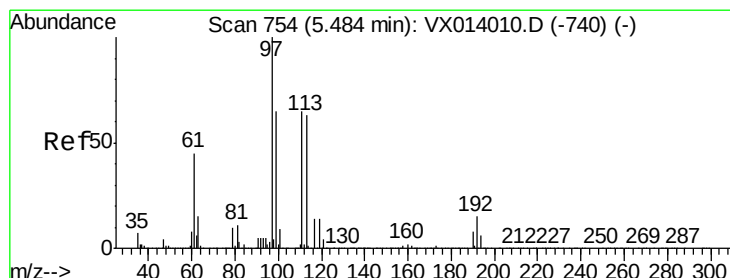
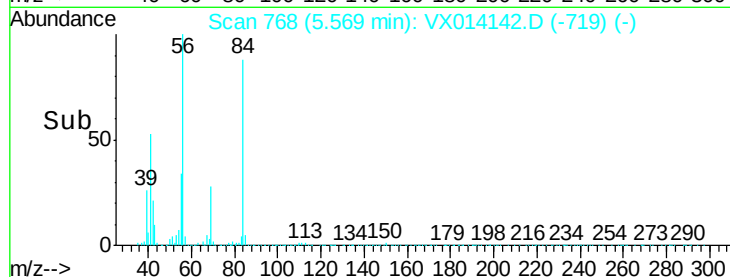
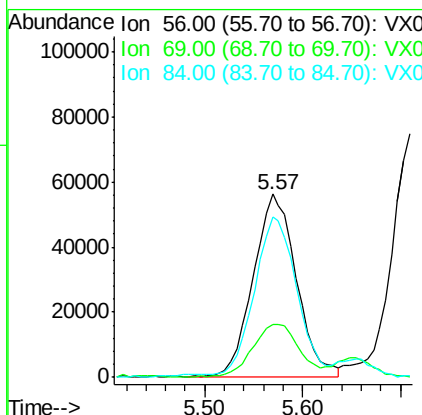
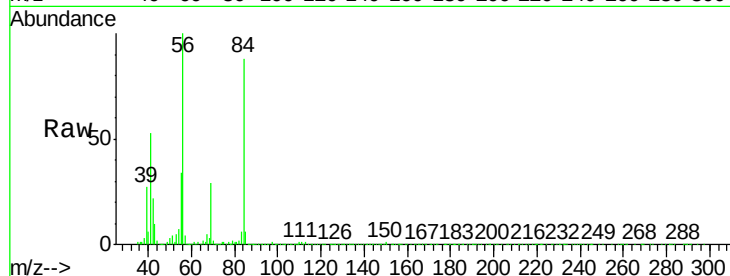
ClientSampleId :

VX1219WBSD03

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.3	23.2	34.8	
84	86.6	69.2	103.8	

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#32

1,1,1-Trichloroethane

Concen: 19.427 ug/l

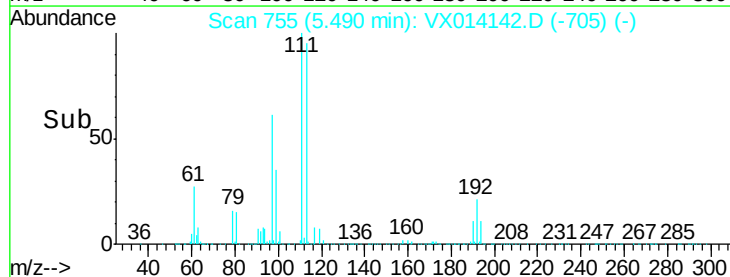
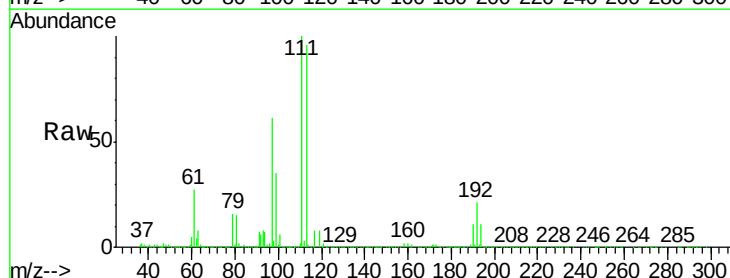
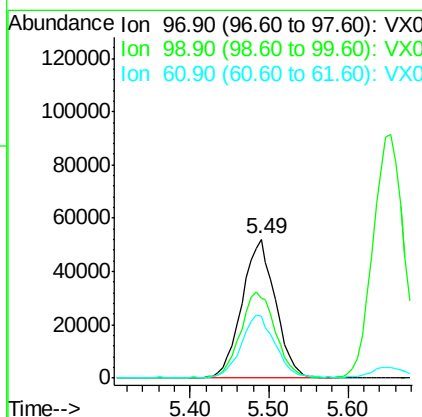
RT: 5.49 min Scan# 755

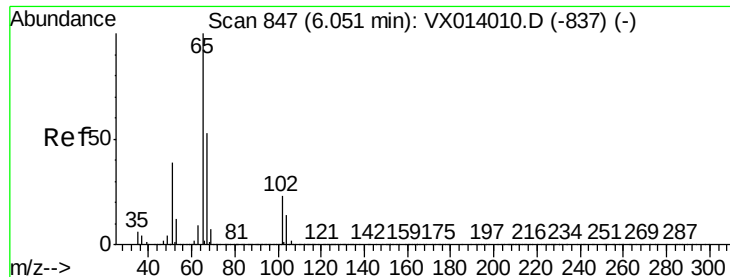
Delta R.T. 0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	52.0	78.0	
61	45.0	36.7	55.1	





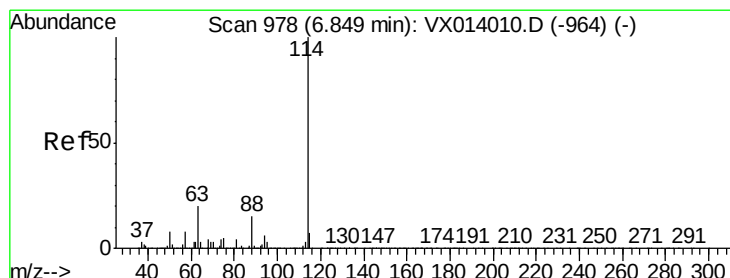
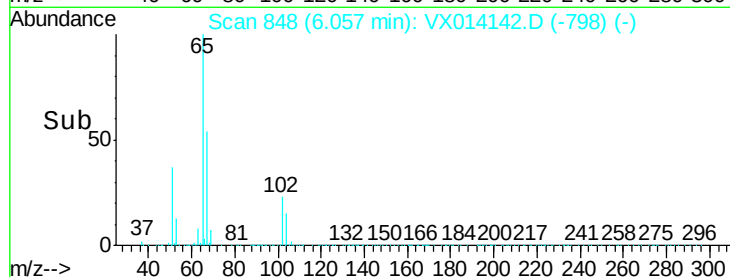
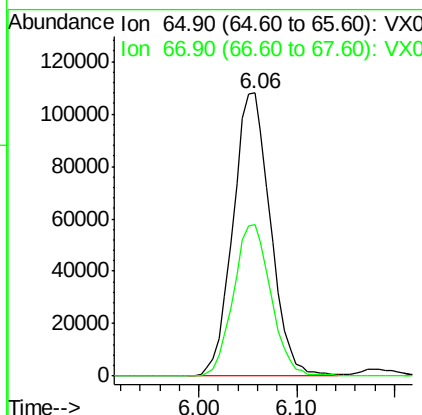
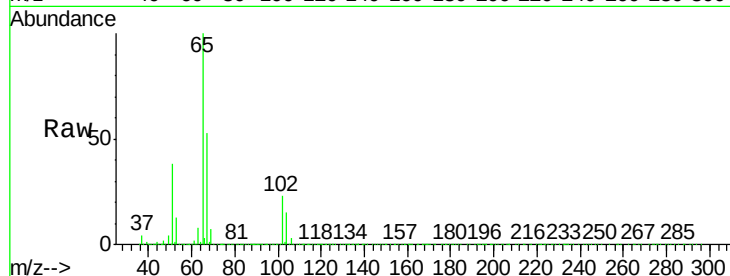
#33
 1,2-Dichloroethane-d4
 Concen: 49.195 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	284812		
67	53.7	0.0	106.4	

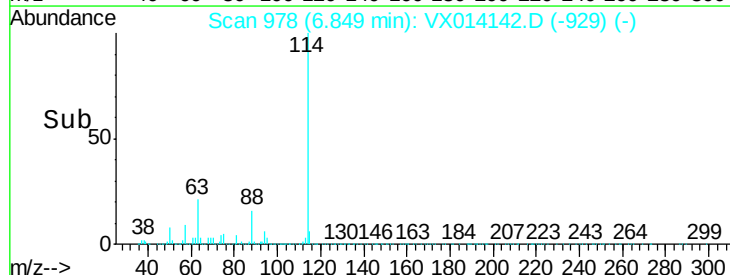
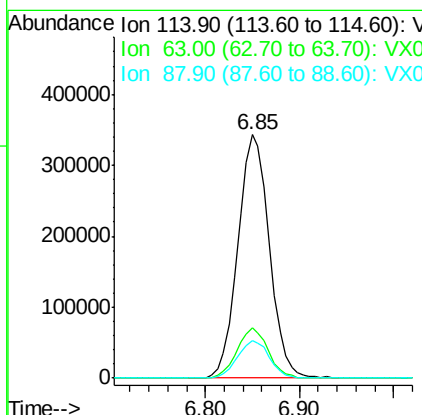
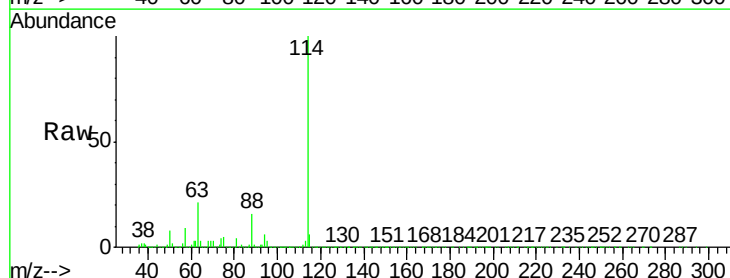
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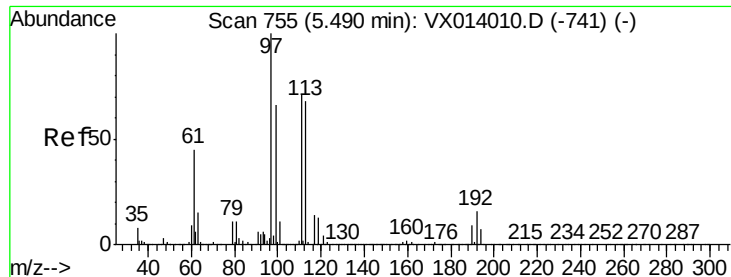
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	799610		
63	20.6	0.0	40.8	
88	15.5	0.0	30.4	





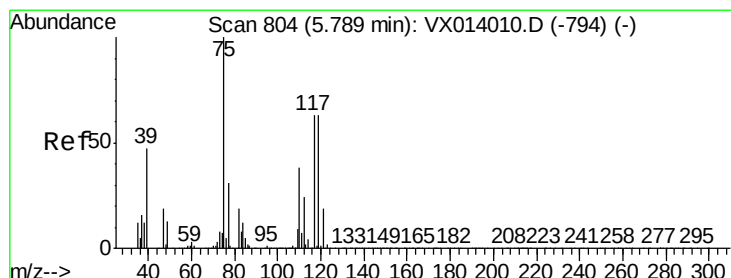
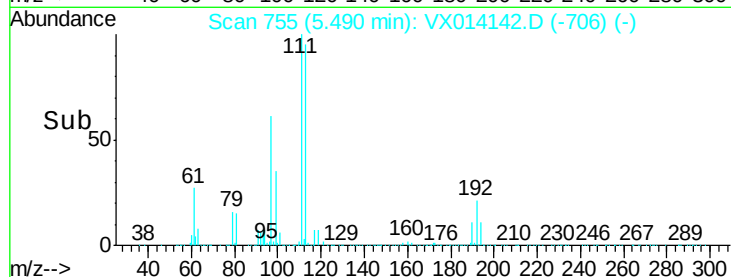
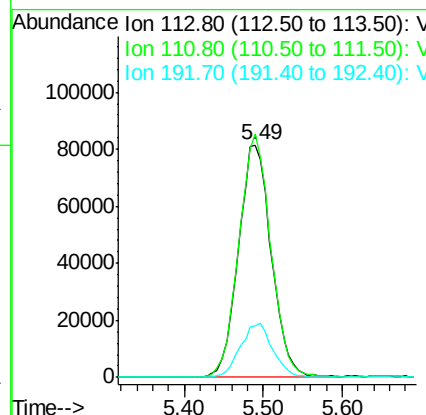
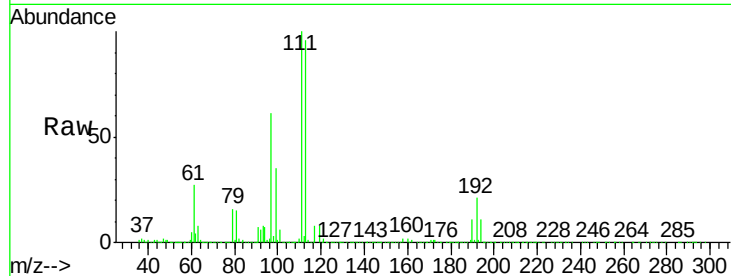
#35
 Dibromofluoromethane
 Concen: 48.514 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	235815		
111	101.8	82.0	123.0	
192	23.0	19.3	28.9	

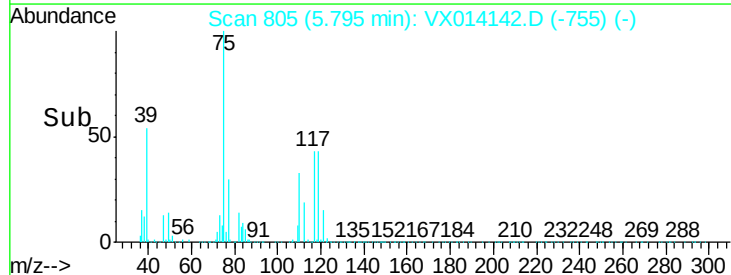
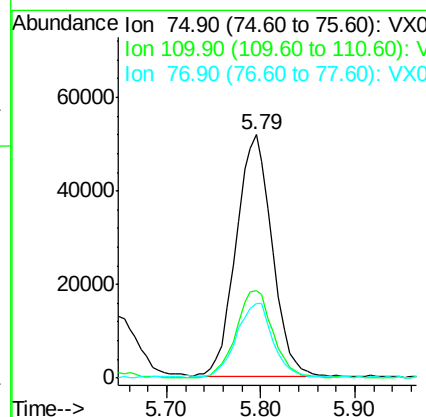
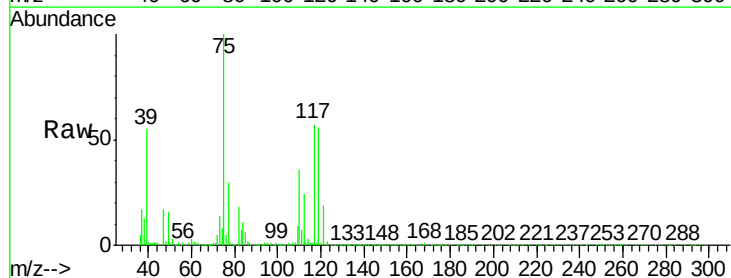
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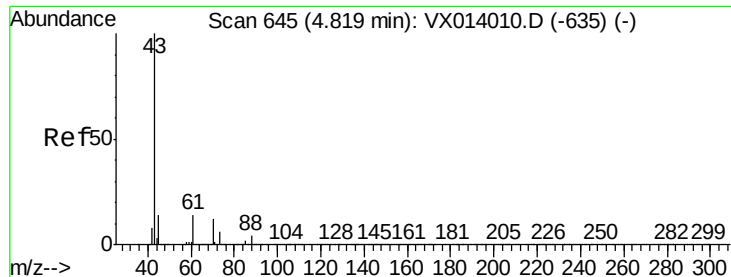
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#36
 1,1-Dichloropropene
 Concen: 18.866 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138414		
110	37.3	18.3	54.9	
77	30.4	24.8	37.2	





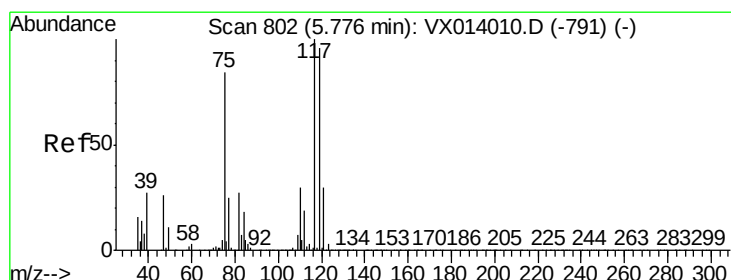
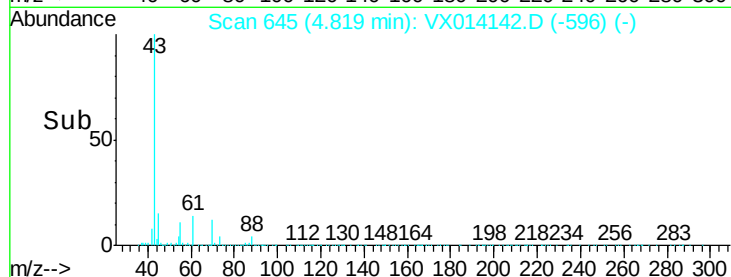
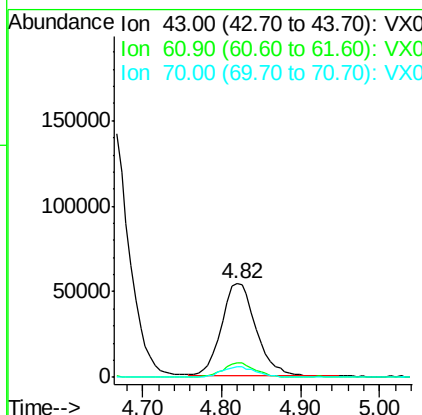
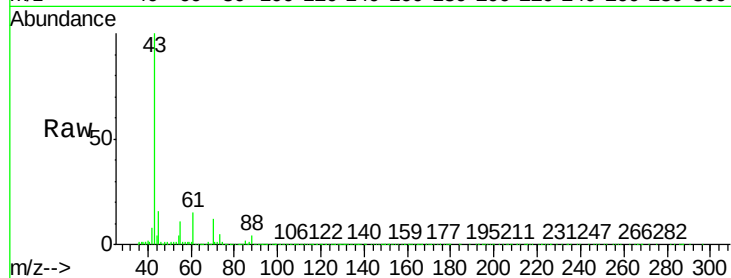
#37
Ethyl Acetate
Concen: 20.567 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	11.2	8.6	12.8

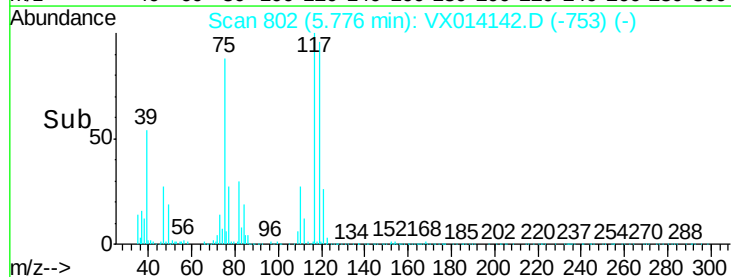
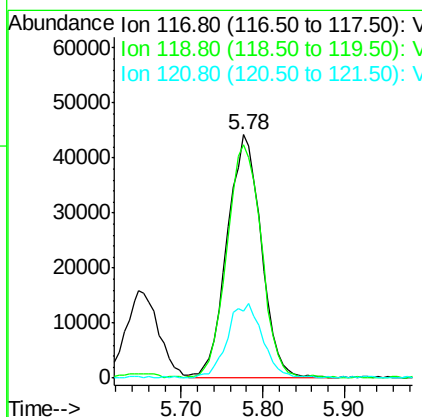
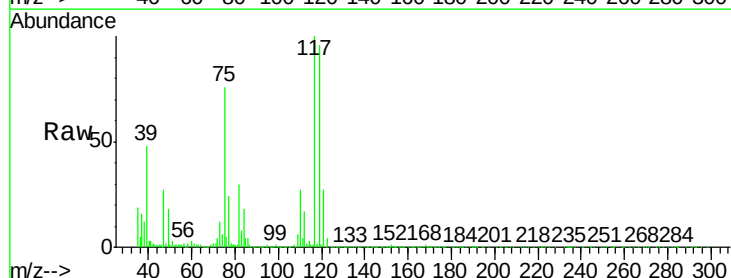
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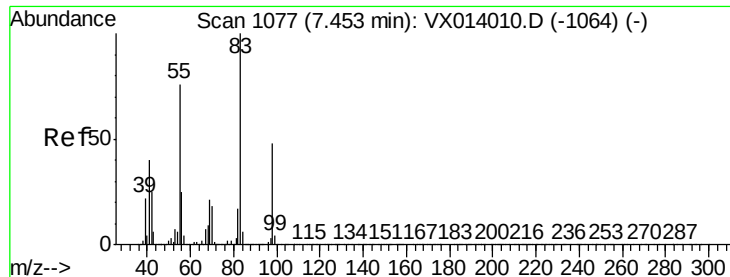
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#38
Carbon Tetrachloride
Concen: 19.049 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.4
121	27.3	23.6	35.4





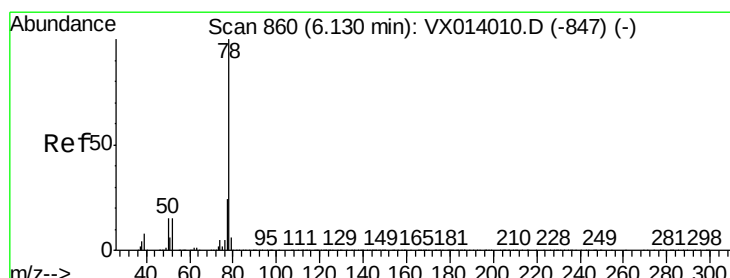
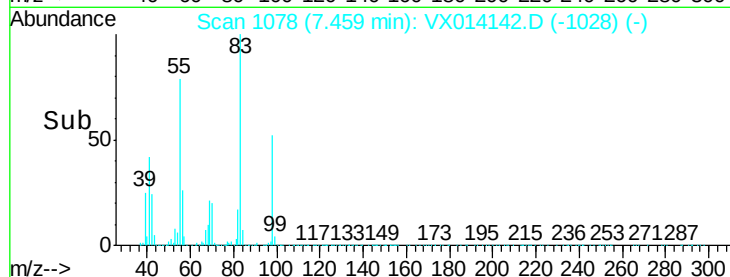
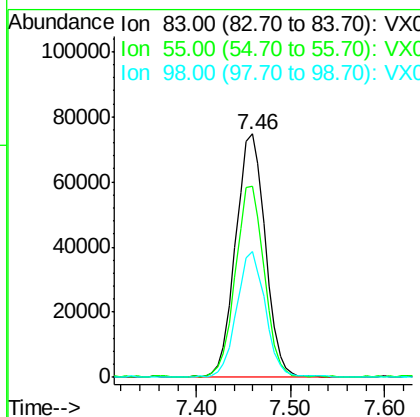
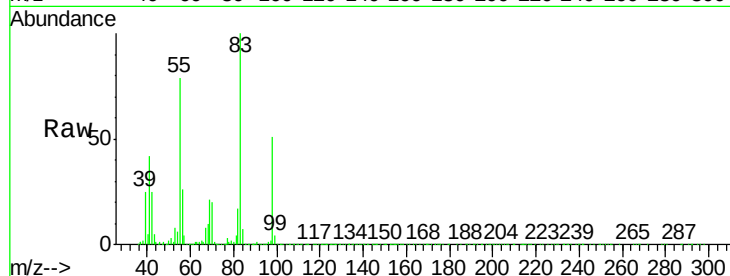
#39
Methylvlcyclohexane
Concen: 18.040 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
83	100	163432		
55	78.3	61.0	91.6	
98	51.3	38.6	57.8	

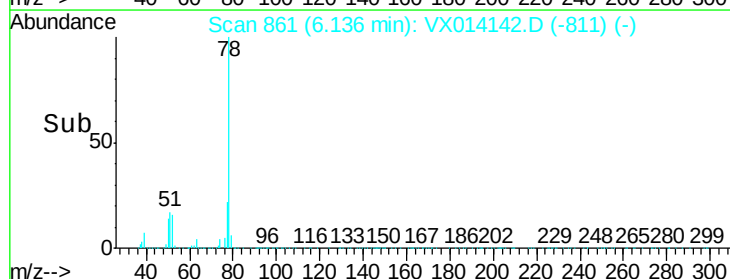
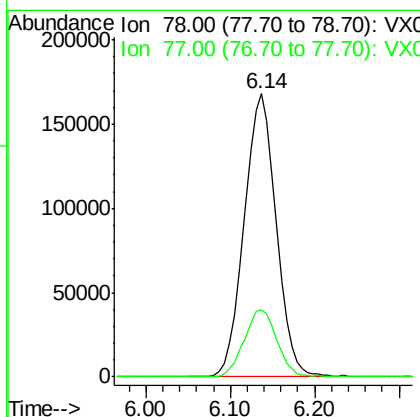
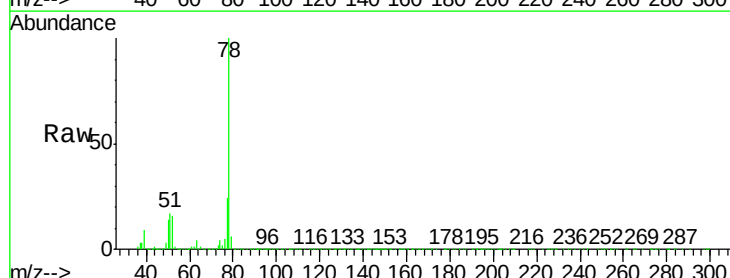
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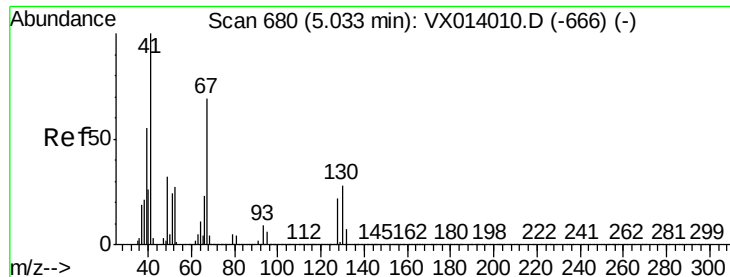
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#40
Benzene
Concen: 19.166 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	432669		
77	23.5	18.8	28.2	





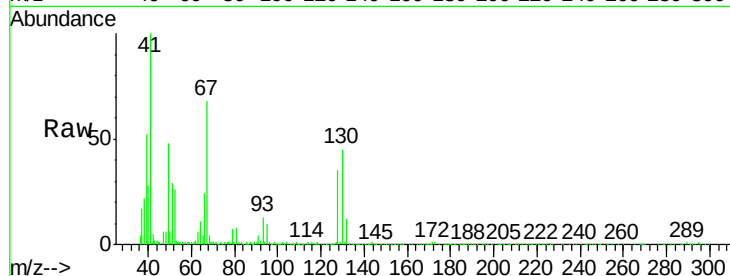
#41
Methacrylonitrile
Concen: 19.926 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

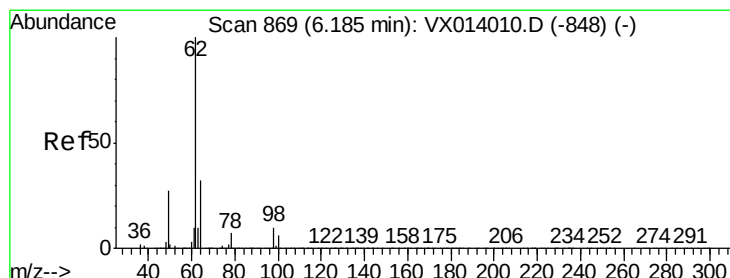
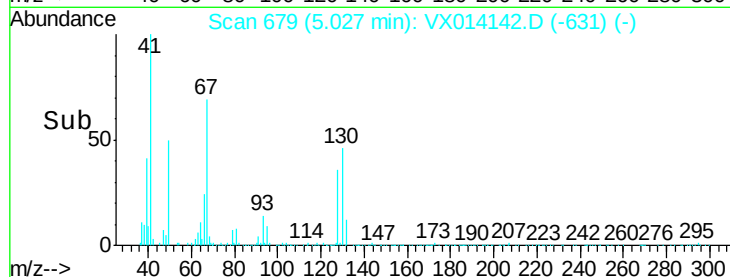
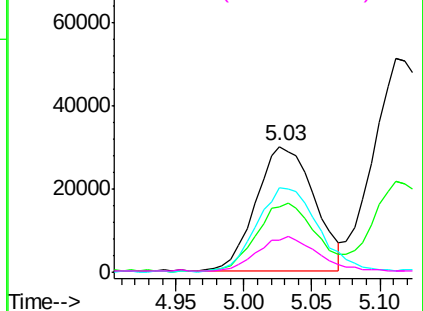
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		89573		
39	58.2	44.5	66.7		
67	73.5	57.4	86.0		
52	27.9	23.0	34.4		

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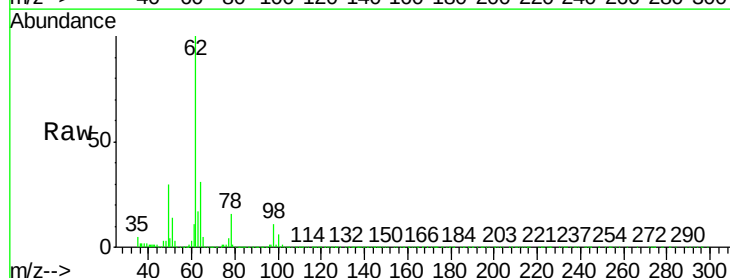


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

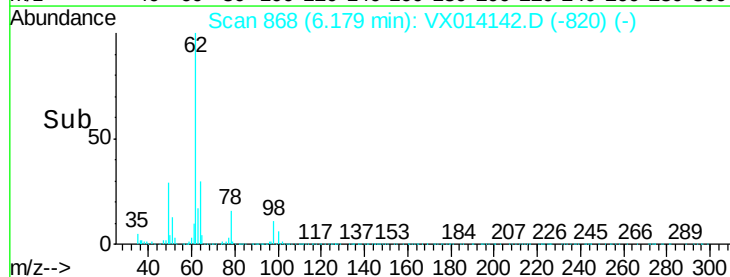
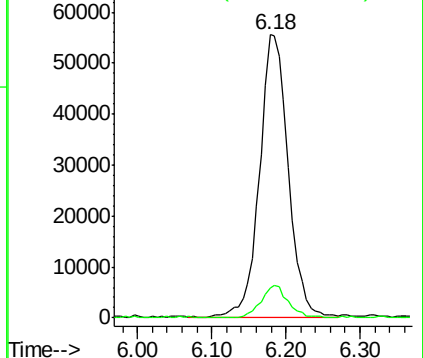


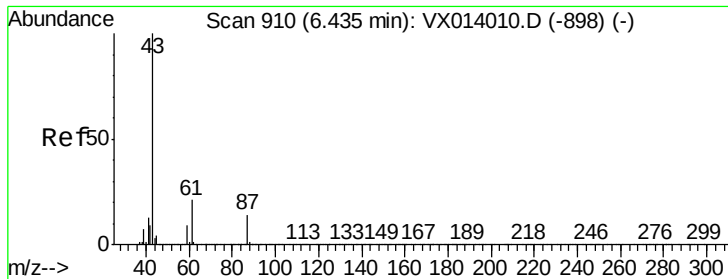
#42
1,2-Dichloroethane
Concen: 19.721 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		150913		
98	10.6	0.0	21.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

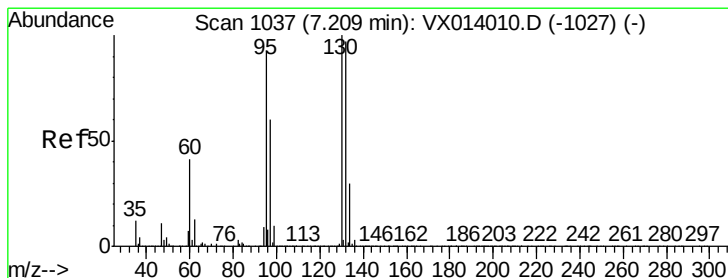
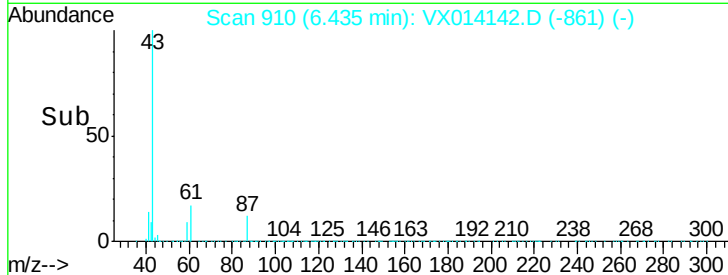
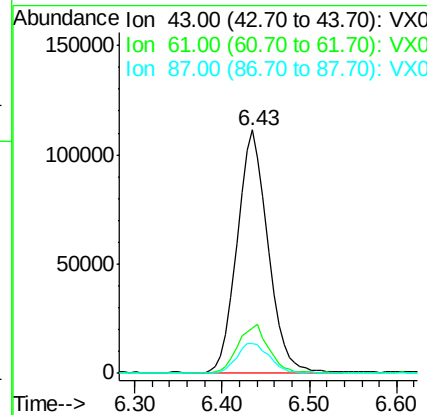
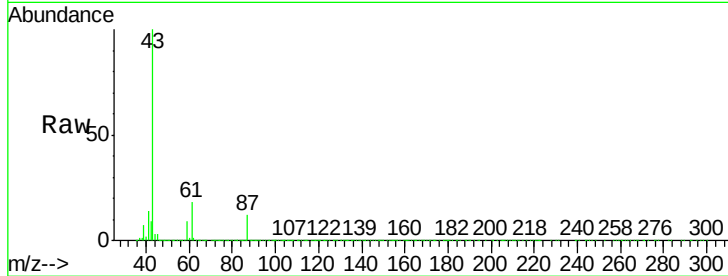
Isopropyl Acetate
 Concen: 20.219 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD03

Tot Ion:	43	Resp:	271100
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.4	24.6
87	13.5	10.7	16.1

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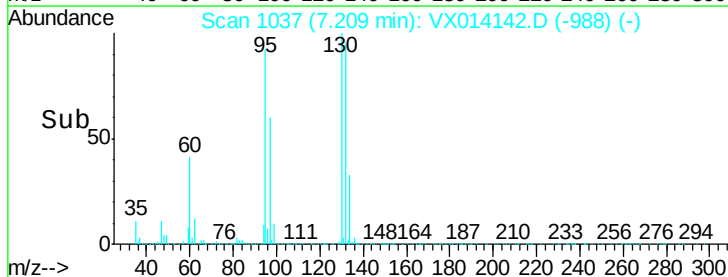
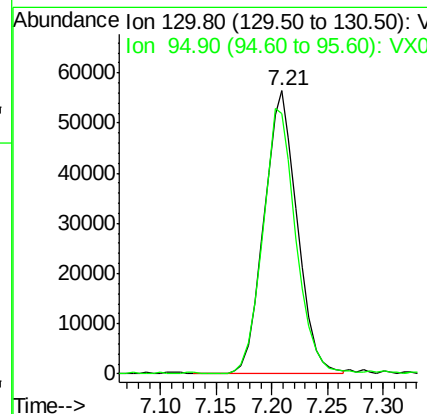
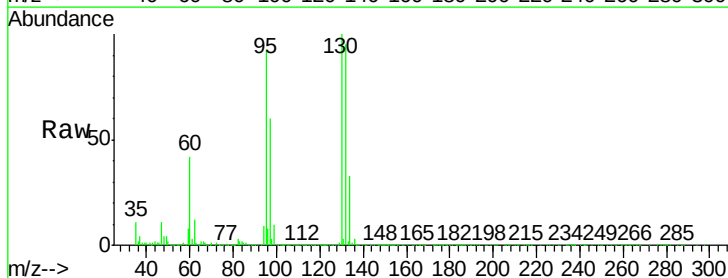
apatel
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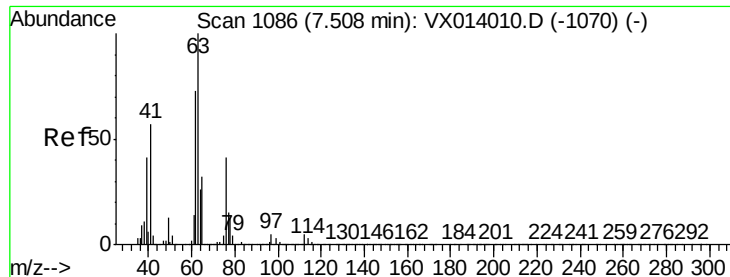


#44

Trichloroethene
 Concen: 18.772 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion:	130	Resp:	117047
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	185.6





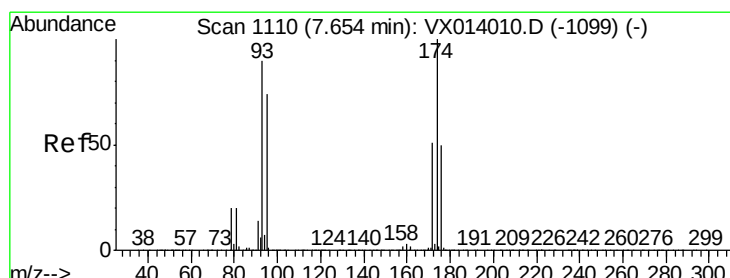
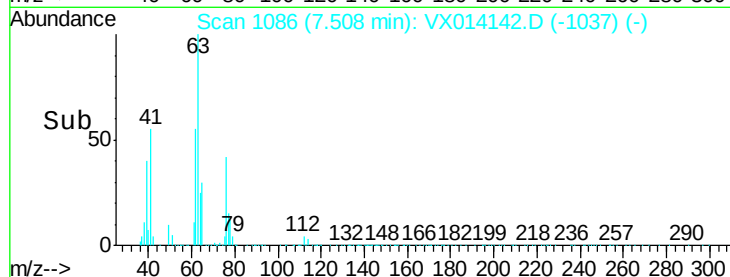
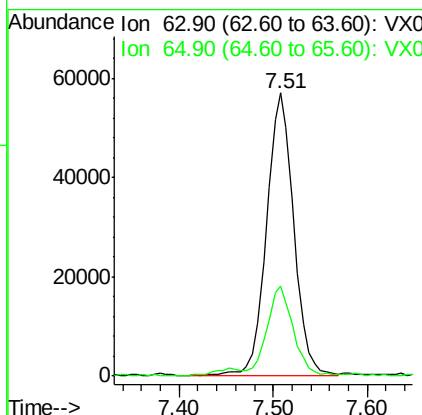
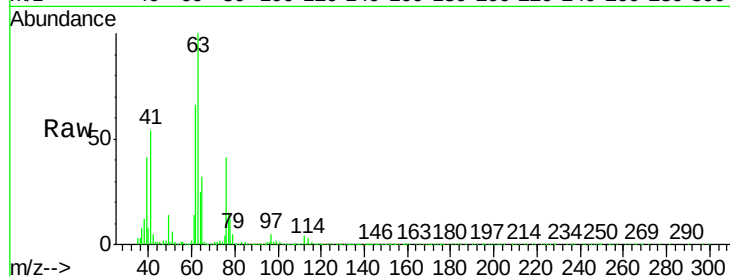
#45
 1,2-Dichloropropane
 Concen: 20.208 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.8	38.8

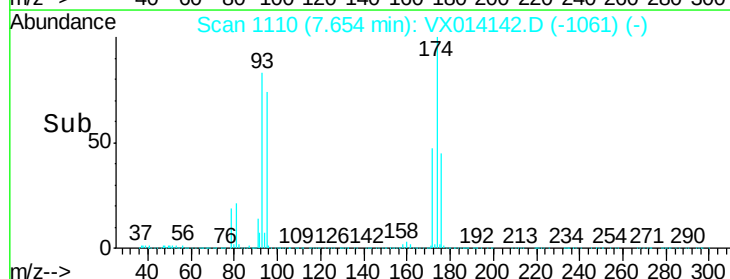
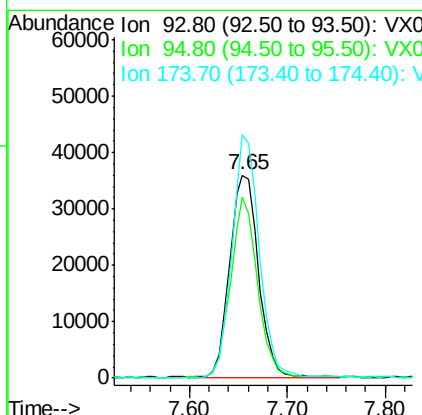
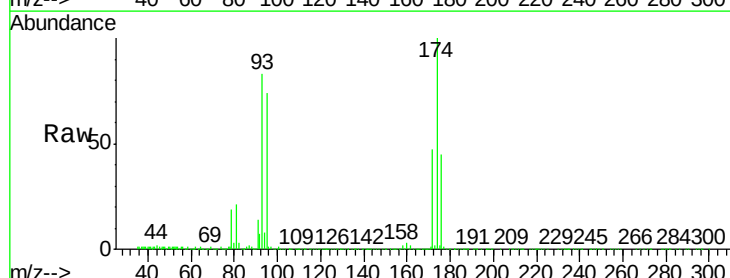
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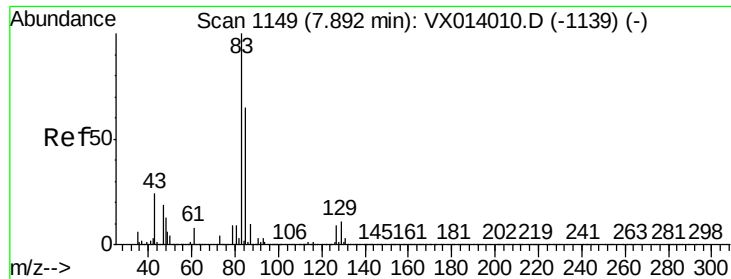
apatel
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#46
 Dibromomethane
 Concen: 19.187 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	67.3	100.9
174	113.8	91.6	137.4





#47

Bromodichloromethane

Concen: 19.223 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

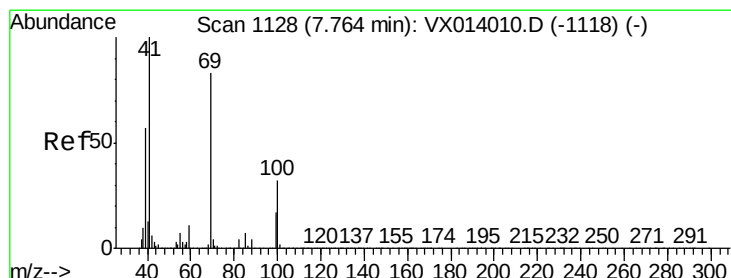
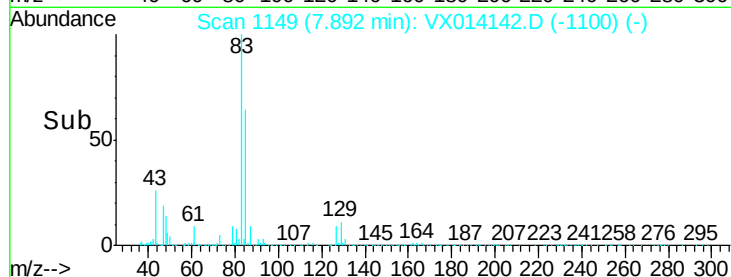
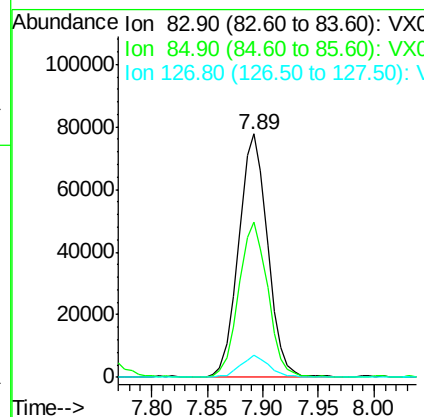
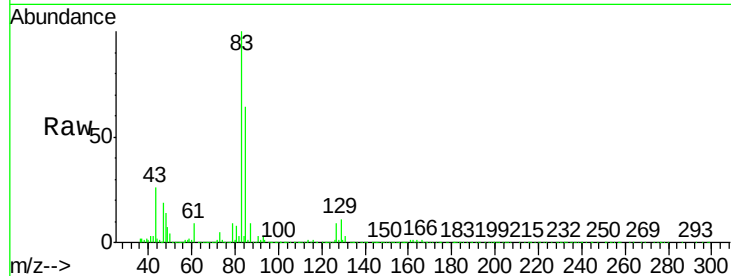
ClientSampleId :

VX1219WBSD03

Tot Ion:	83	Resp:	138498
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.8	77.8
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.690 ug/l

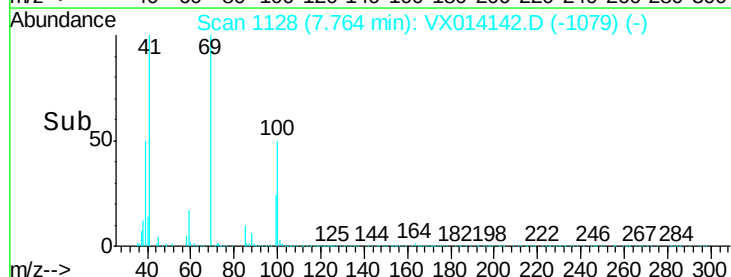
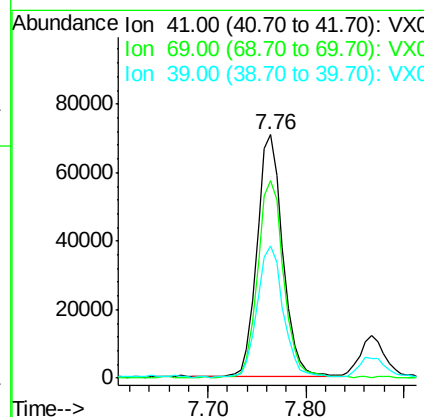
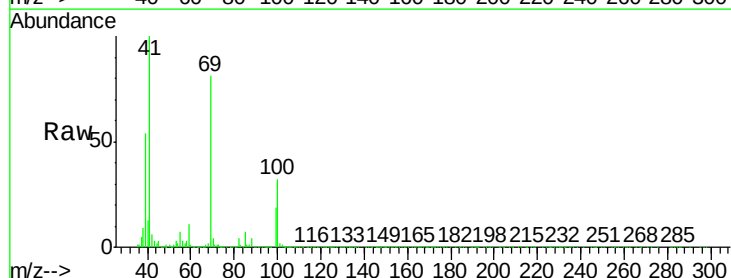
RT: 7.76 min Scan# 1128

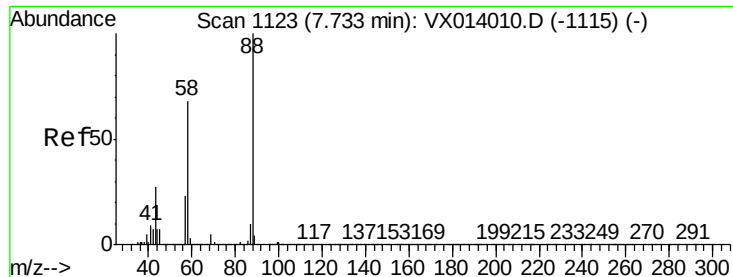
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	41	Resp:	129278
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.8	98.6
39	54.2	44.6	67.0





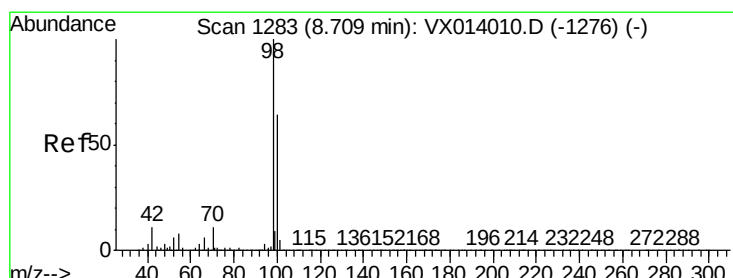
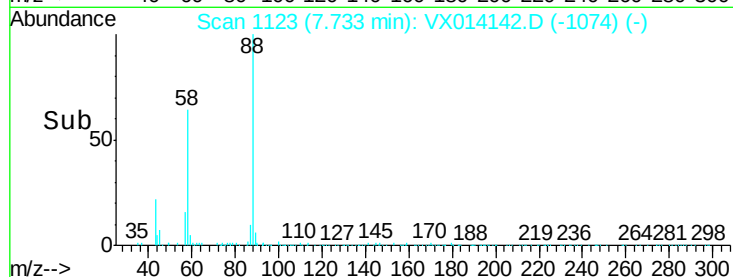
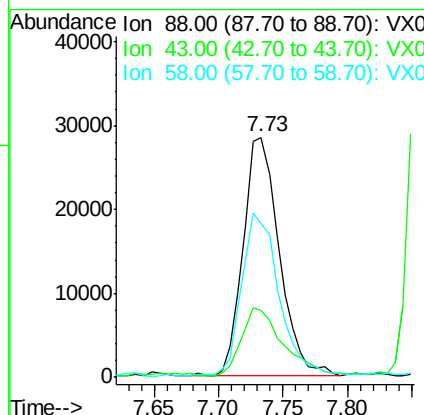
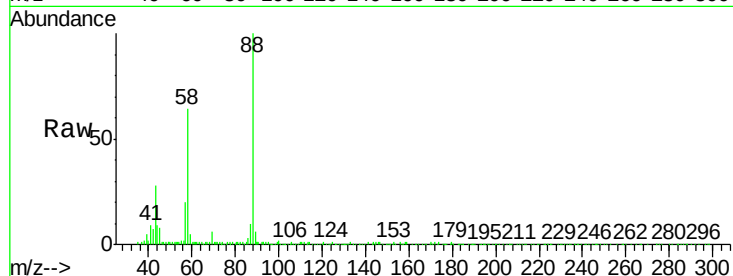
#49
1,4-Dioxane
Concen: 412.300 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.5	39.7
58	71.2	56.8	85.2

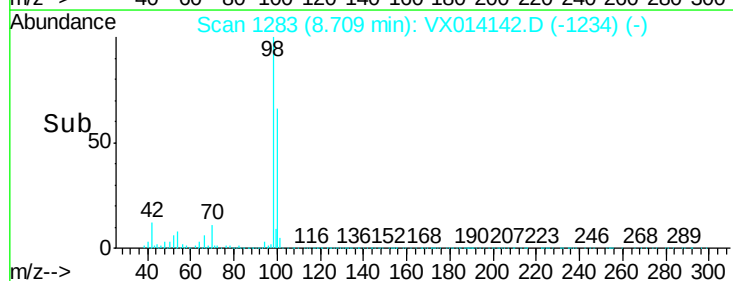
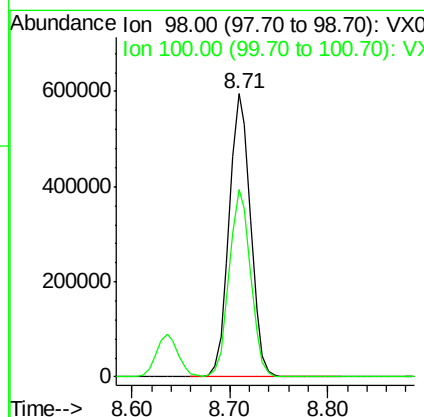
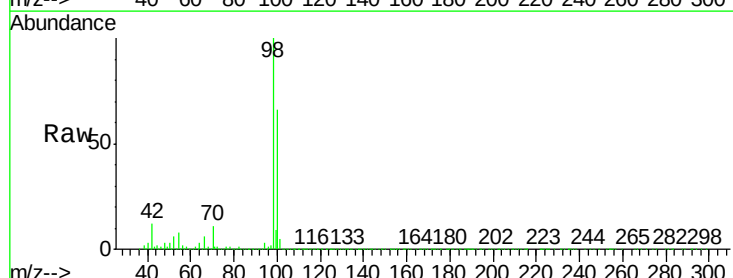
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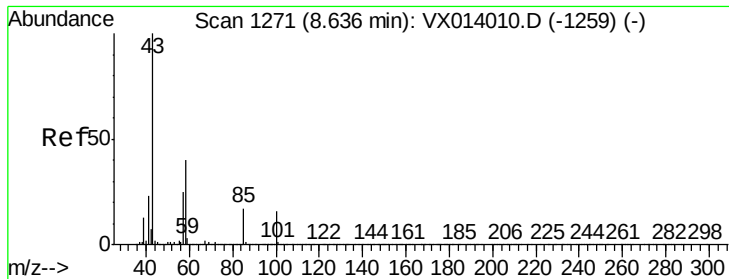
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#50
Toluene-d8
Concen: 47.822 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 101.806 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 43 Resp: 857280

Ion Ratio Lower Upper

43 100

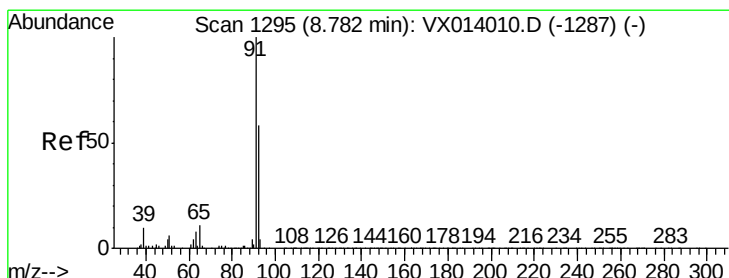
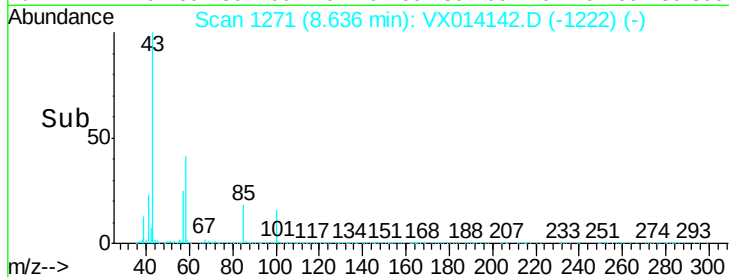
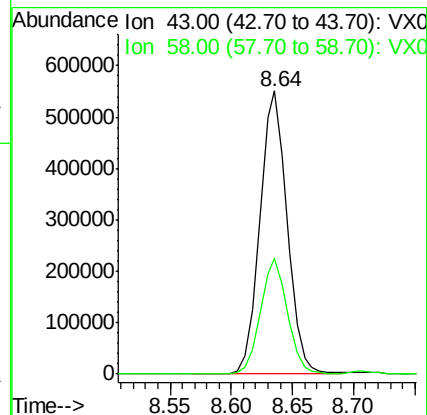
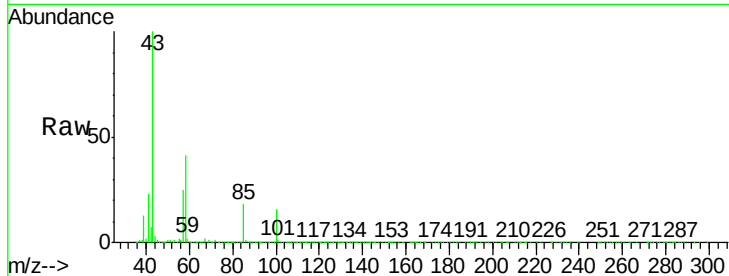
58 40.3 32.2 48.2

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#52

Toluene

Concen: 18.910 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014142.D

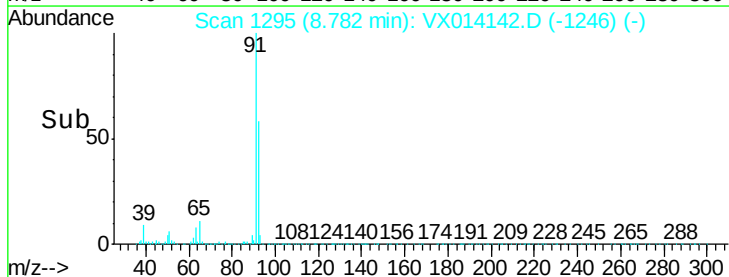
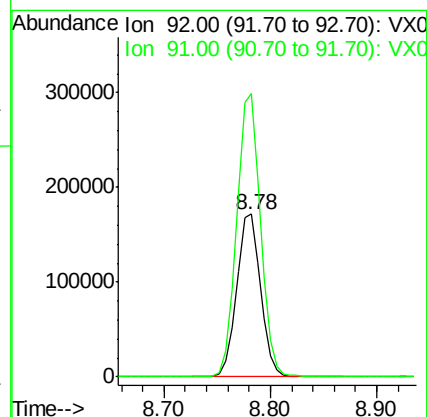
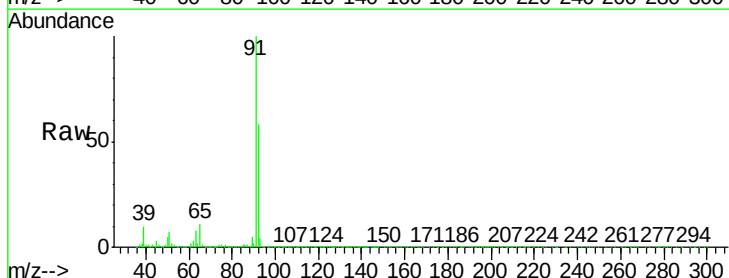
Acq: 20 Dec 2019 00:46

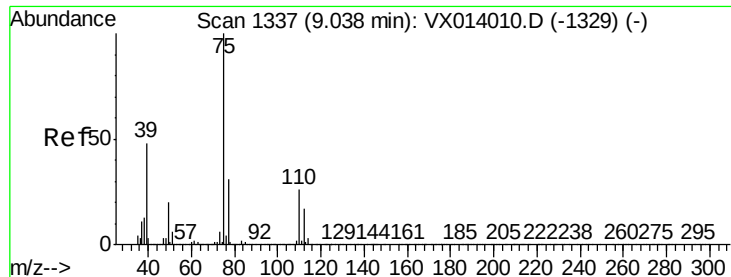
Tgt Ion: 92 Resp: 269826

Ion Ratio Lower Upper

92 100

91 173.9 136.2 204.4





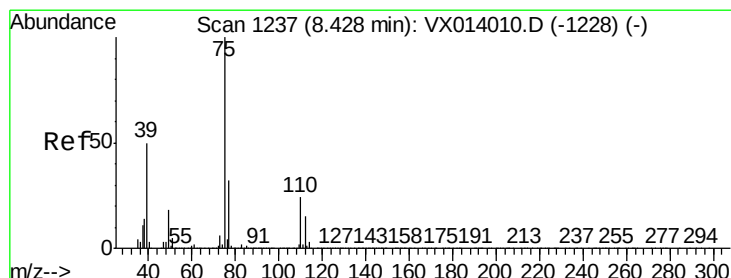
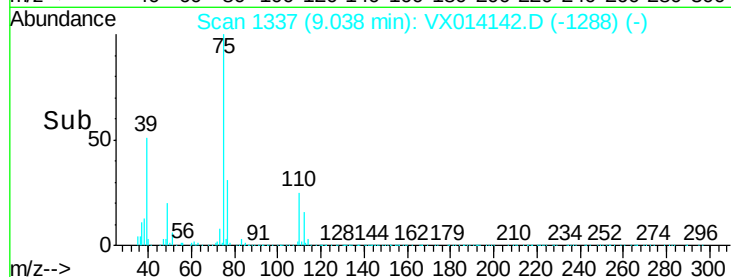
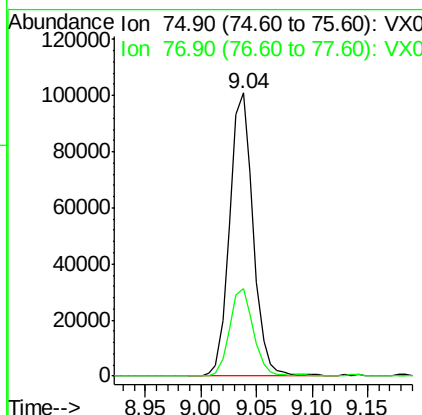
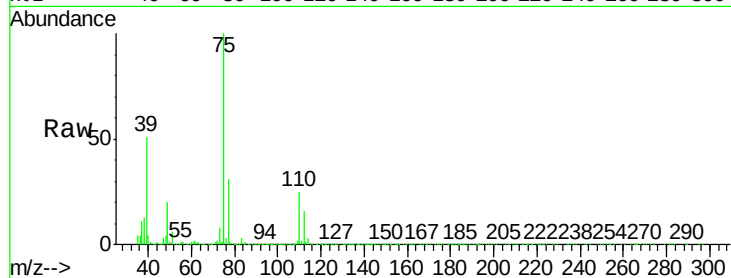
#53
t-1,3-Dichloropropene
Concen: 18.660 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.1	37.7

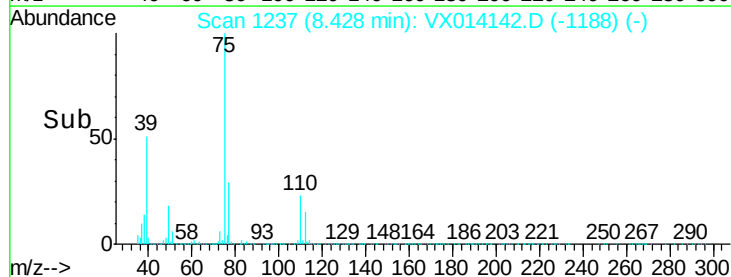
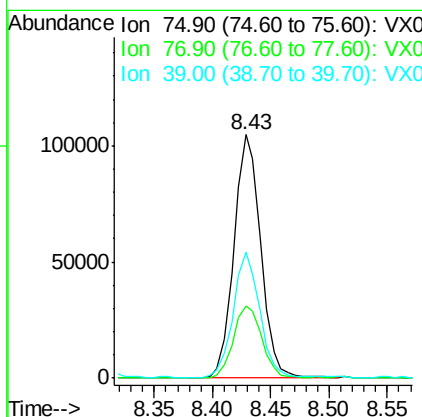
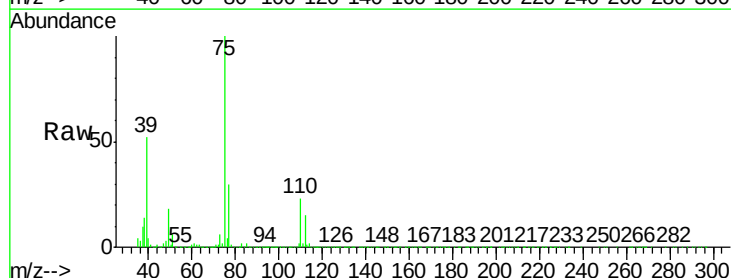
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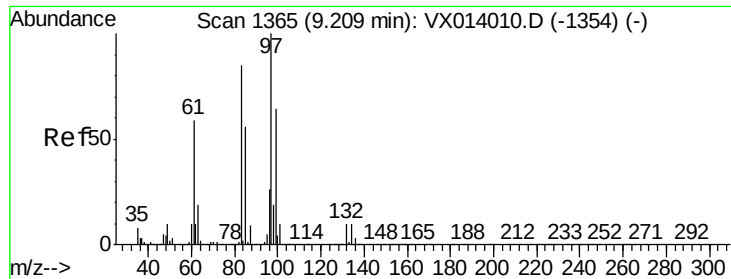
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#54
cis-1,3-Dichloropropene
Concen: 19.018 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.3	37.9
39	51.4	39.9	59.9





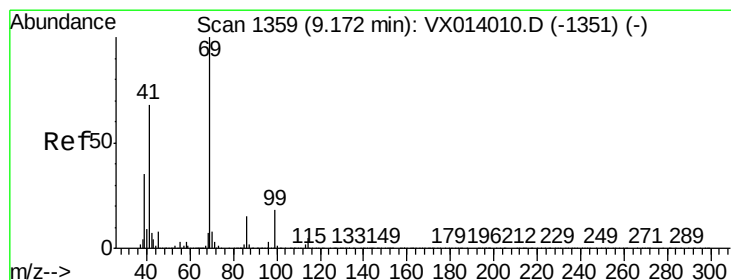
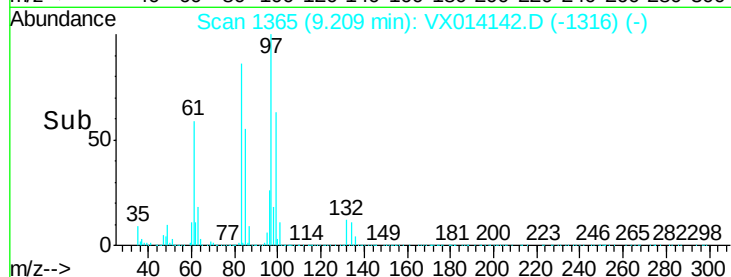
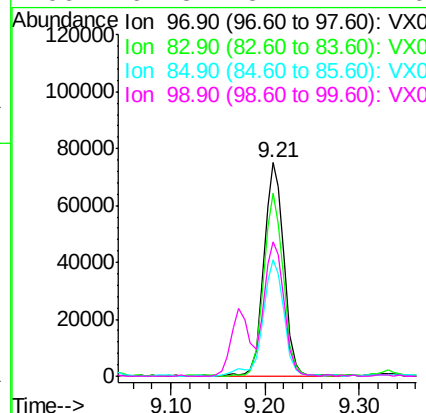
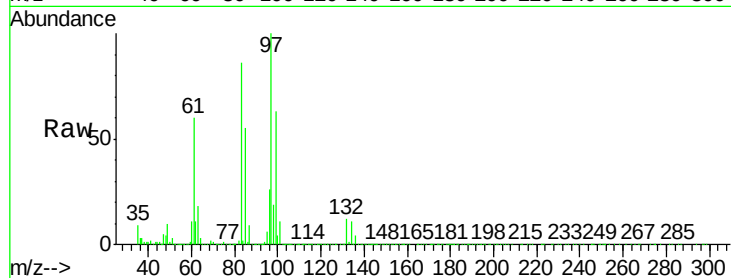
#55
 1,1,2-Trichloroethane
 Concen: 19.520 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		111633		
83	85.5	68.2	102.4		
85	54.8	44.6	66.8		
99	62.8	51.4	77.0		

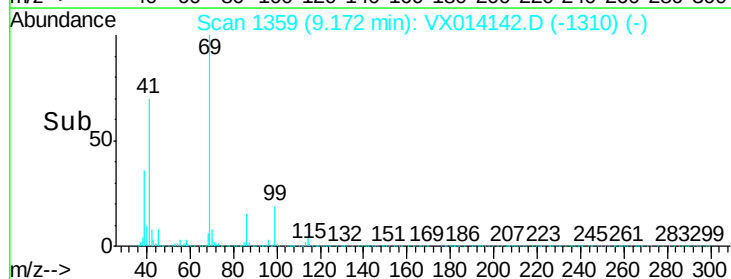
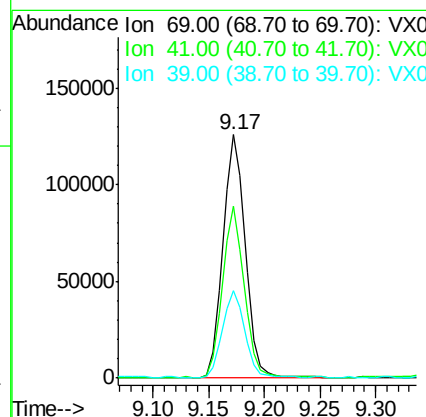
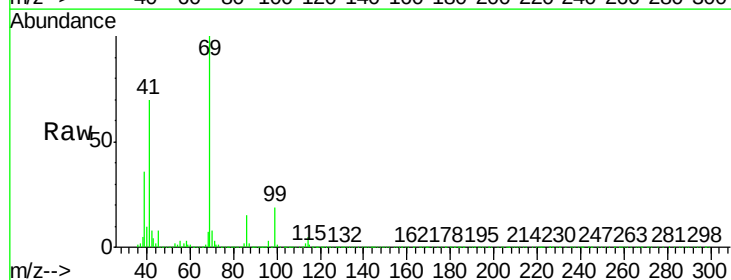
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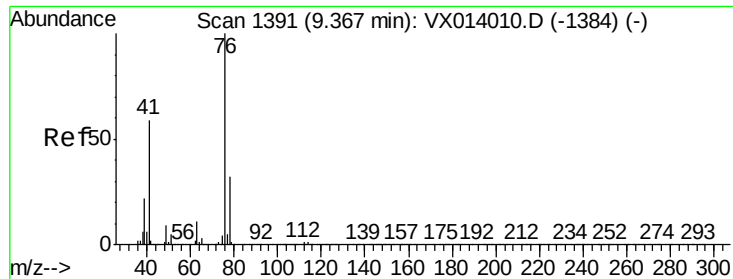
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#56
 Ethyl methacrylate
 Concen: 19.216 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014142.D
 Acq: 20 Dec 2019 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		172621		
41	68.7	54.8	82.2		
39	36.2	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.877 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 76 Resp: 191248

Ion Ratio Lower Upper

76 100

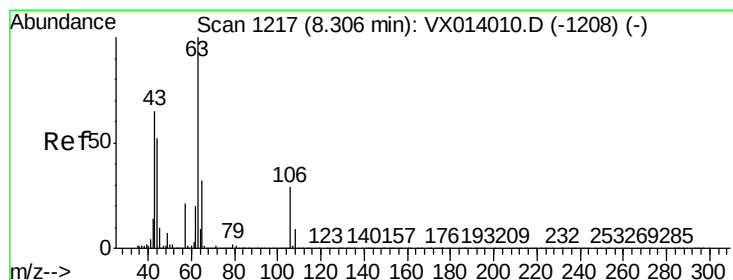
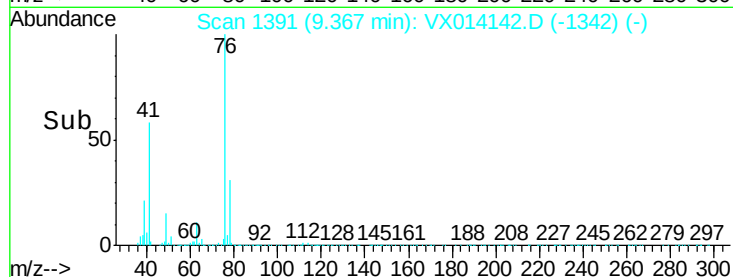
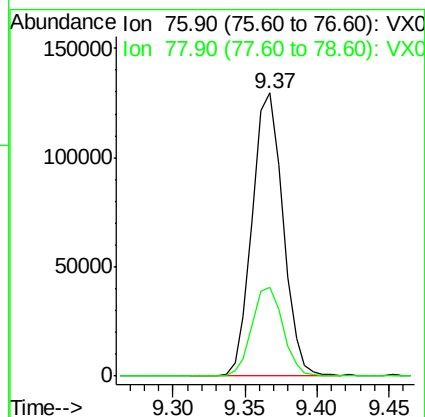
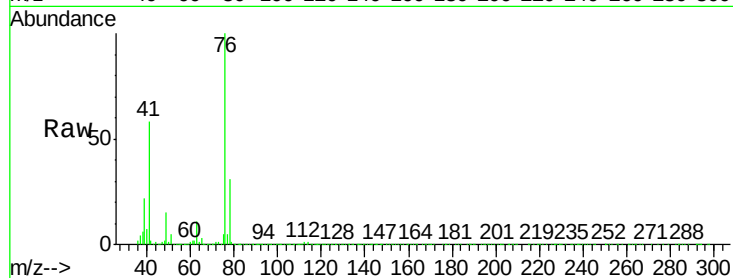
78 31.8 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 91.578 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014142.D

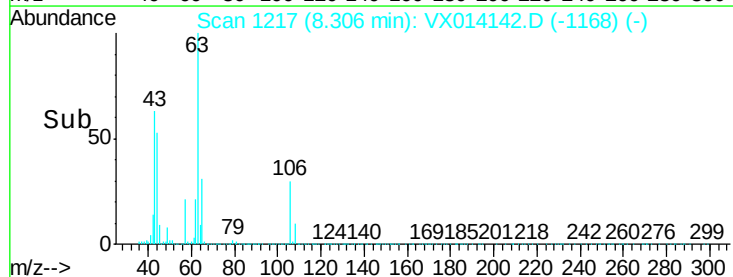
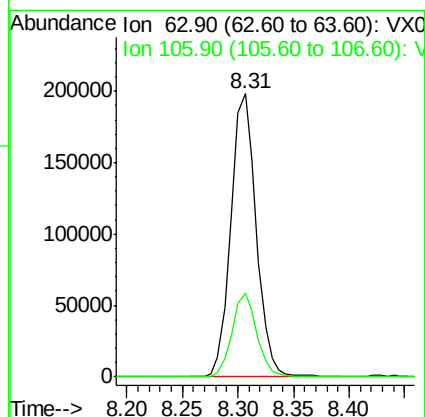
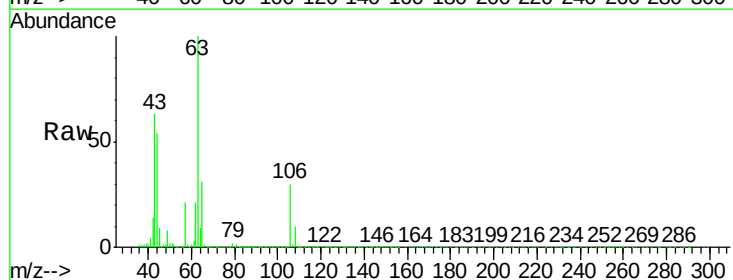
Acq: 20 Dec 2019 00:46

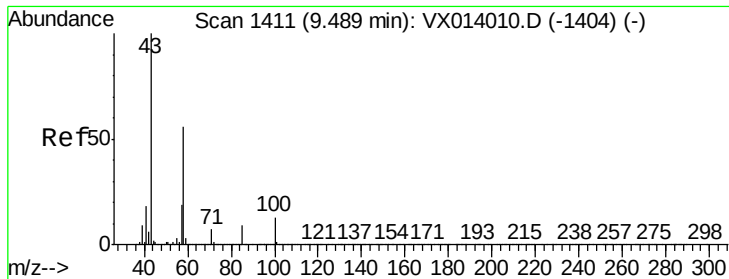
Tgt Ion: 63 Resp: 311327

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.6





#59

2-Hexanone

Concen: 96.666 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 43 Resp: 655270

Ion Ratio Lower Upper

43 100

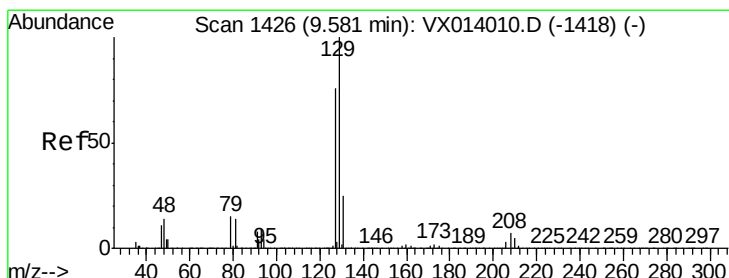
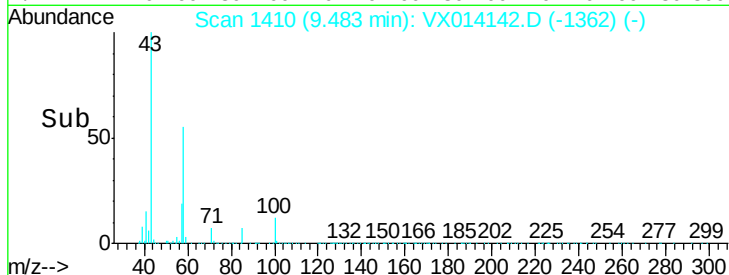
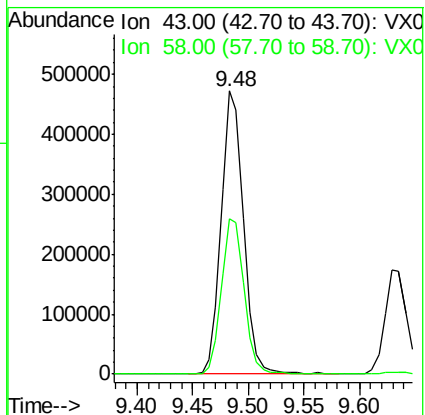
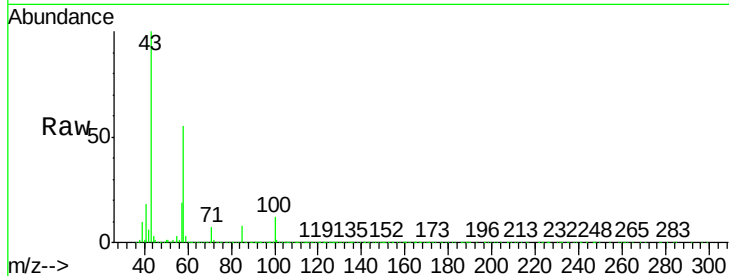
58 56.1 28.0 84.0

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#60

Dibromochloromethane

Concen: 19.129 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX014142.D

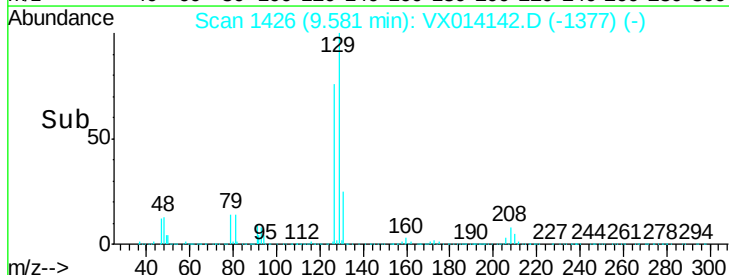
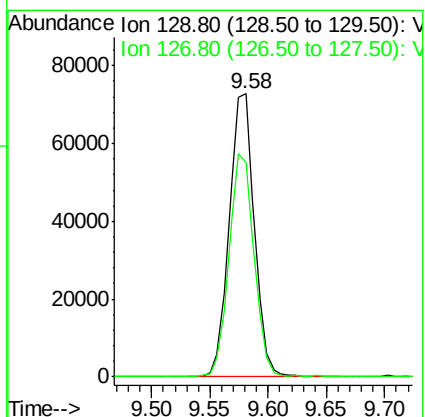
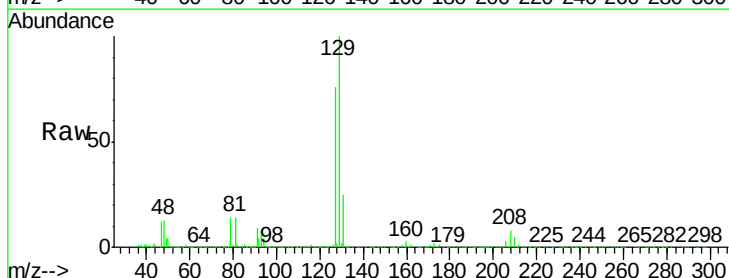
Acq: 20 Dec 2019 00:46

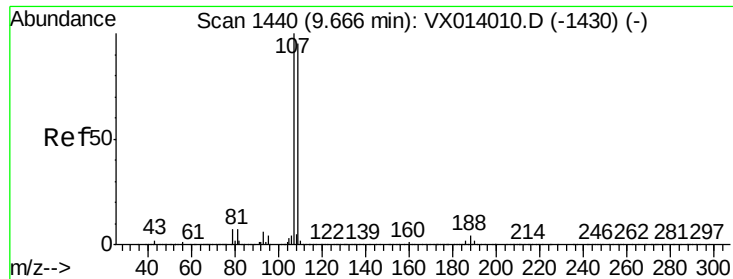
Tgt Ion: 129 Resp: 108739

Ion Ratio Lower Upper

129 100

127 78.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.830 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion:107 Resp: 116032

Ion Ratio Lower Upper

107 100

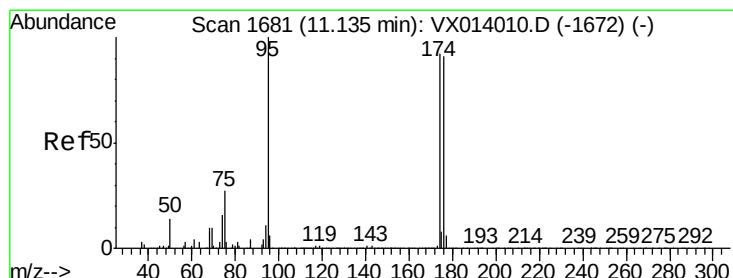
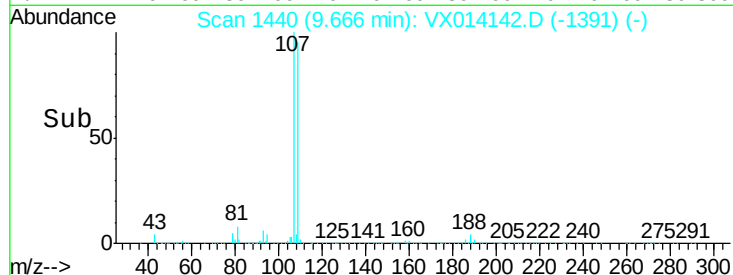
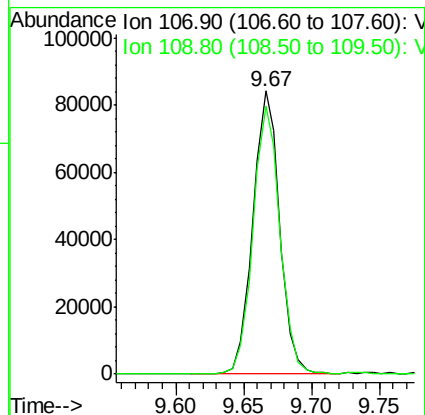
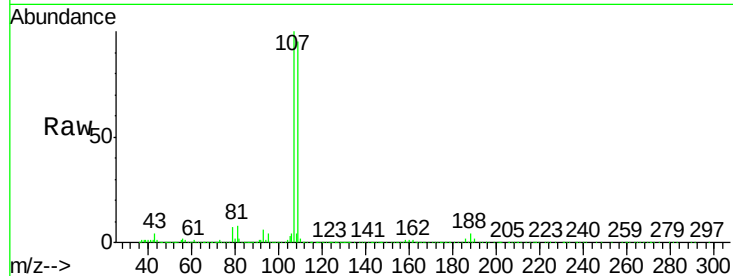
109 94.9 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.629 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

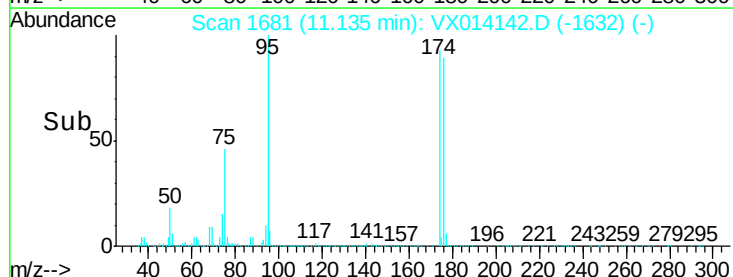
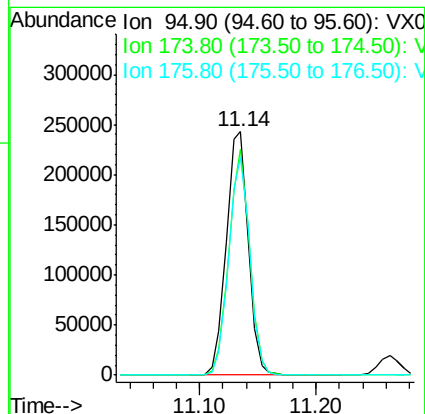
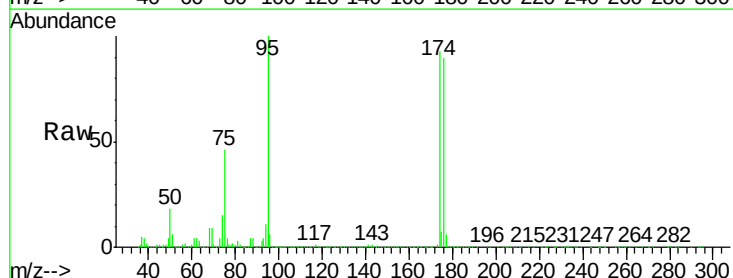
Tgt Ion: 95 Resp: 315645

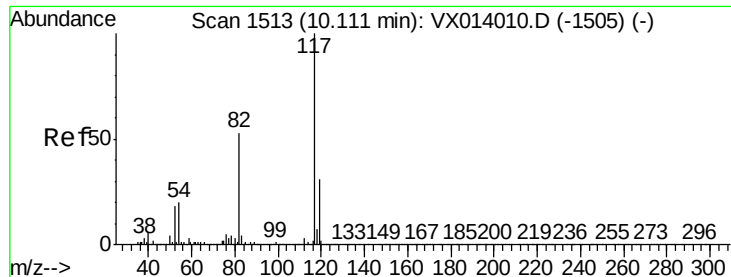
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.8

176 86.5 0.0 173.0





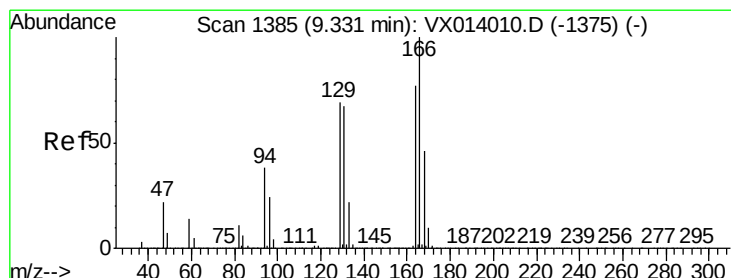
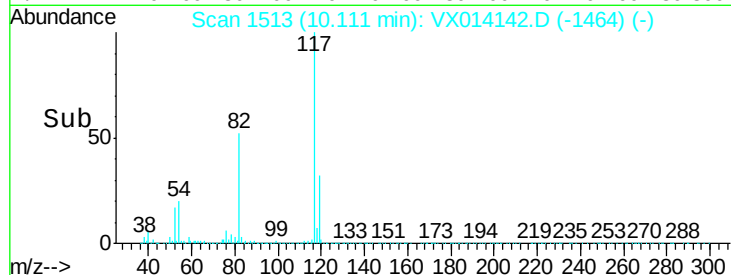
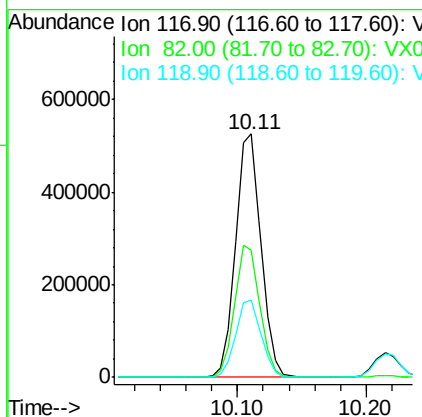
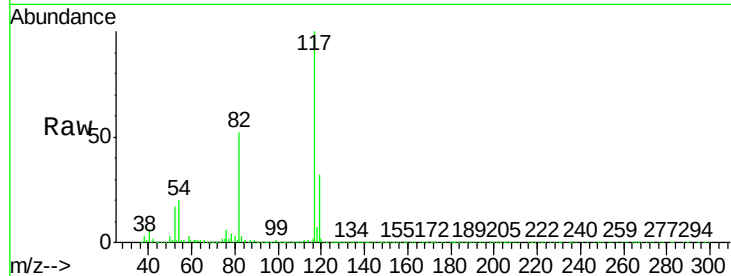
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	31.9	25.1	37.7

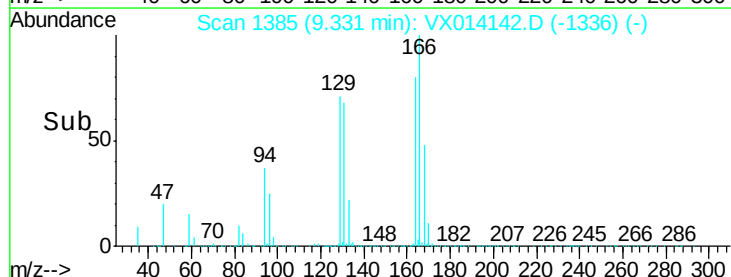
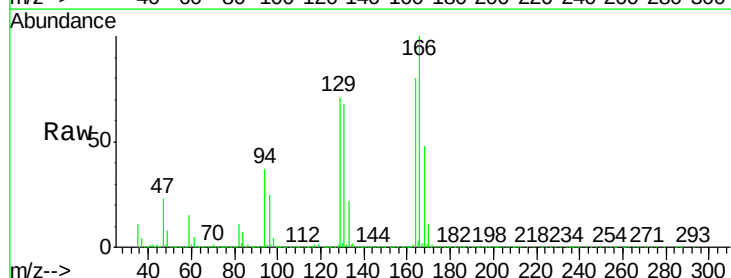
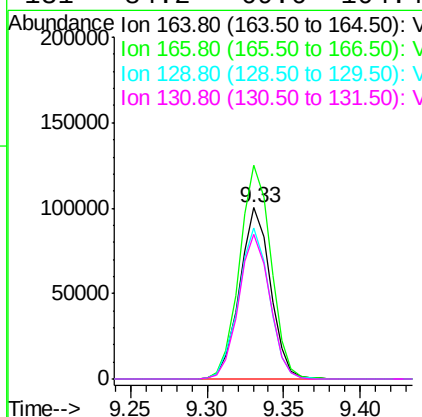
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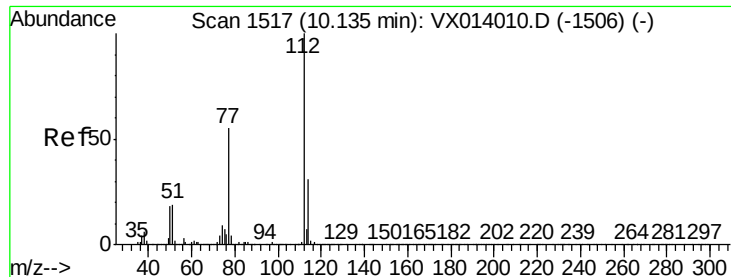
apatel
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#64
Tetrachloroethene
Concen: 22.052 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	104.0	156.0
129	88.3	72.2	108.4
131	84.2	69.6	104.4





#65

Chlorobenzene

Concen: 18.716 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion:112 Resp: 287029

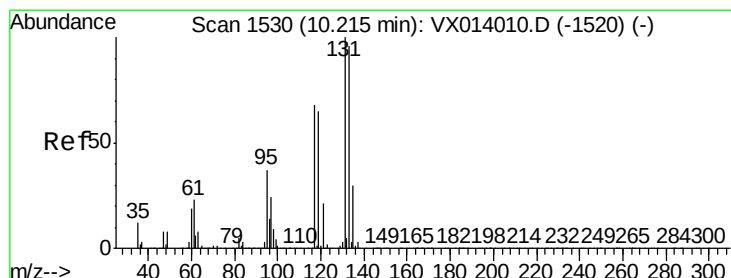
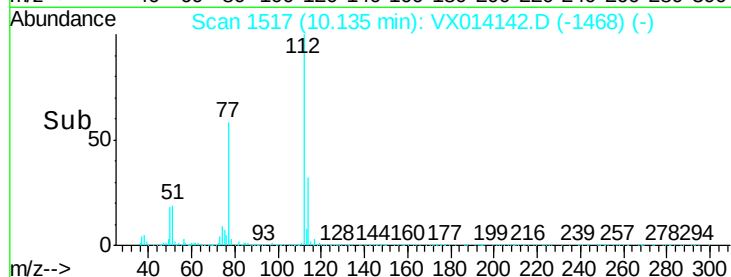
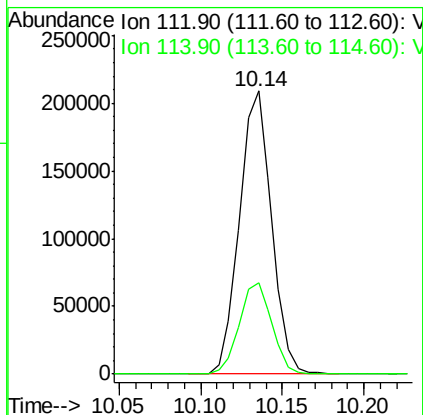
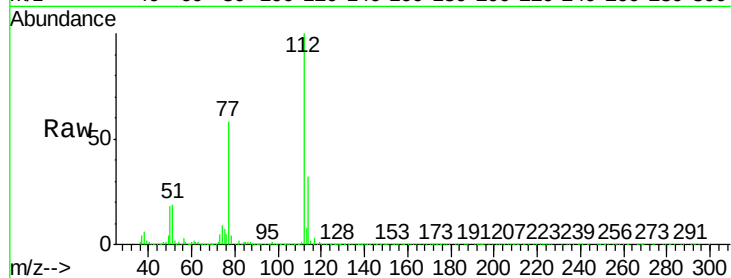
Ion Ratio Lower Upper

112 100

114 32.1 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.162 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

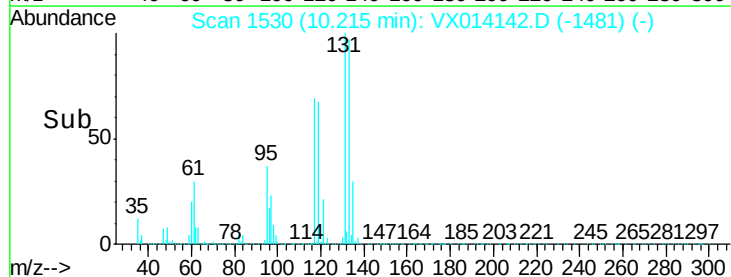
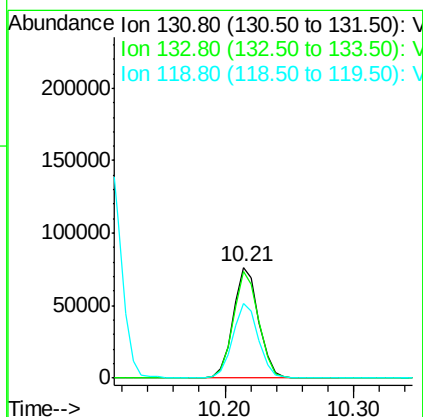
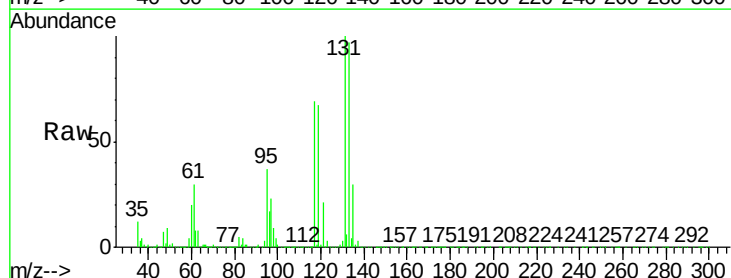
Tgt Ion:131 Resp: 104925

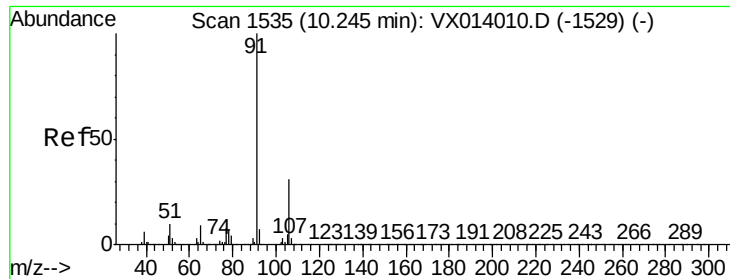
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 67.0 33.4 100.2





#67

Ethyl Benzene

Concen: 19.128 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 91 Resp: 504329

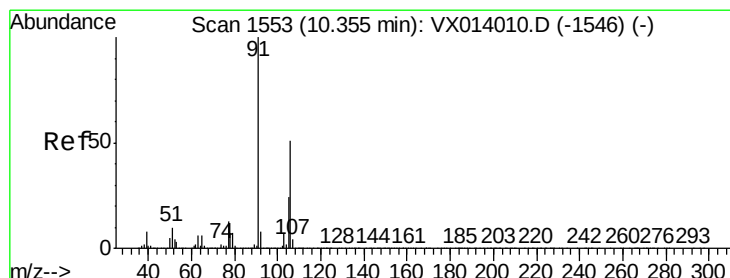
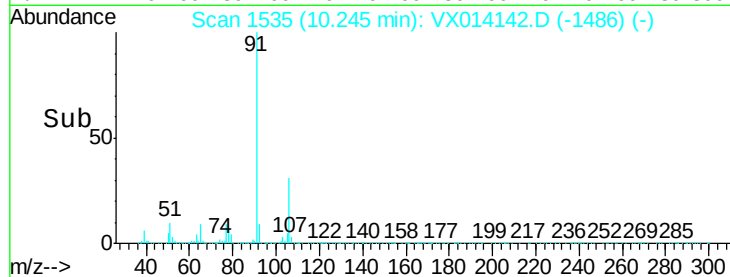
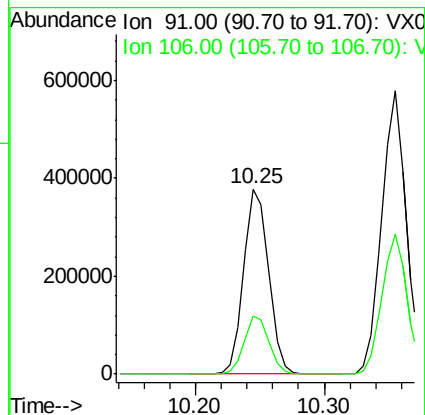
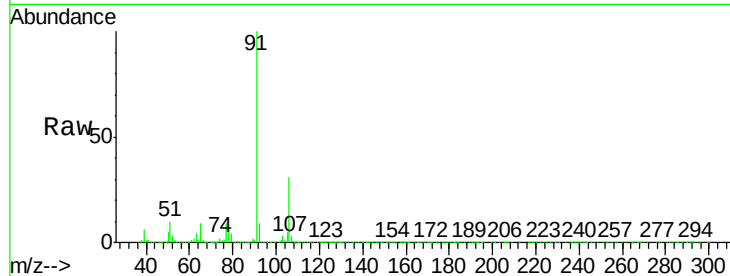
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6

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#68

m/p-Xylenes

Concen: 37.740 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014142.D

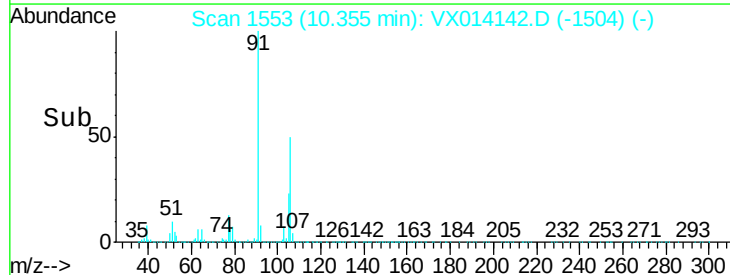
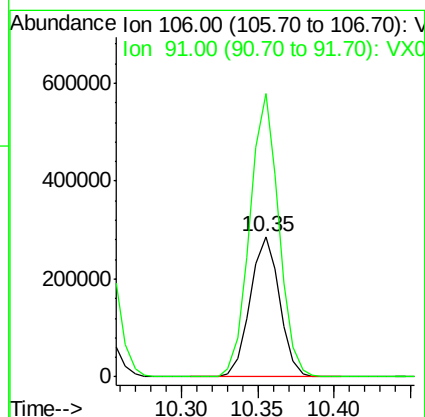
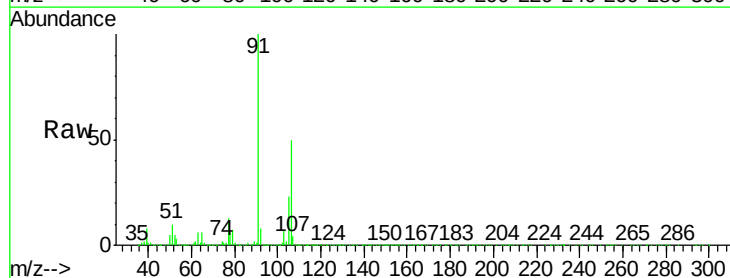
Acq: 20 Dec 2019 00:46

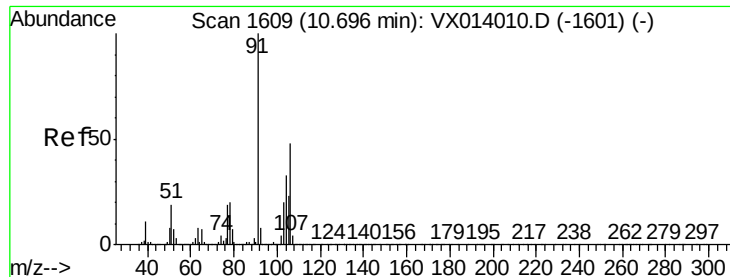
Tgt Ion: 106 Resp: 382707

Ion Ratio Lower Upper

106 100

91 198.8 158.6 238.0





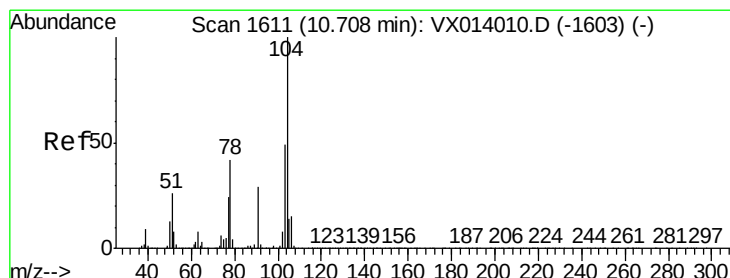
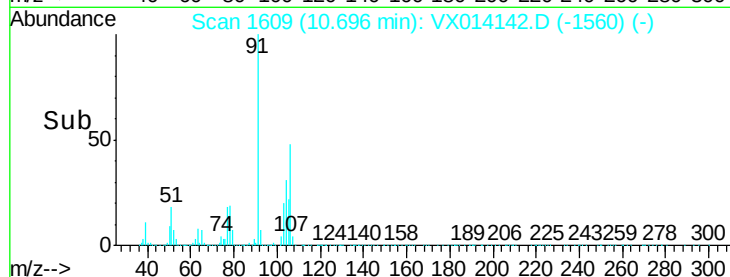
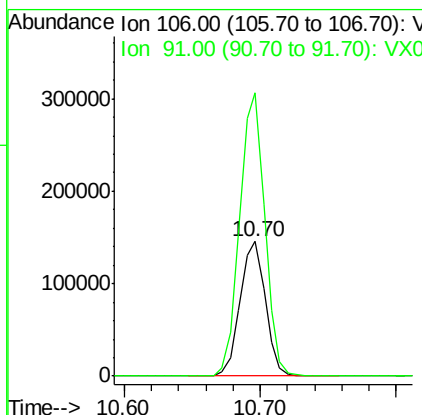
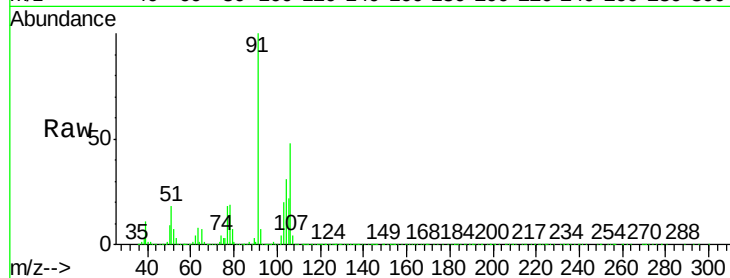
#69
o-Xylene
Concen: 18.963 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
106	100	188599		
91	208.5	104.2	312.6	

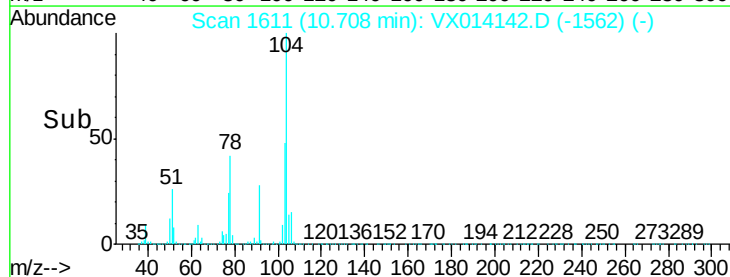
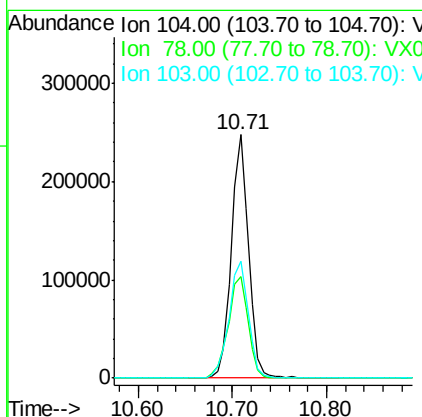
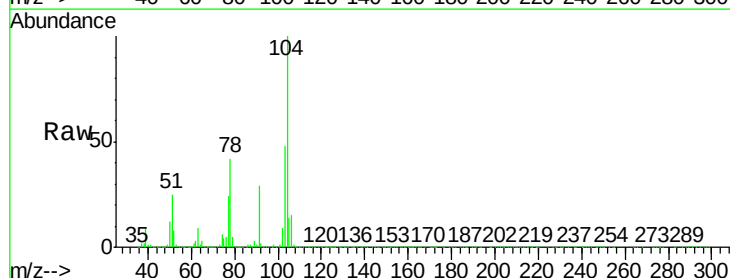
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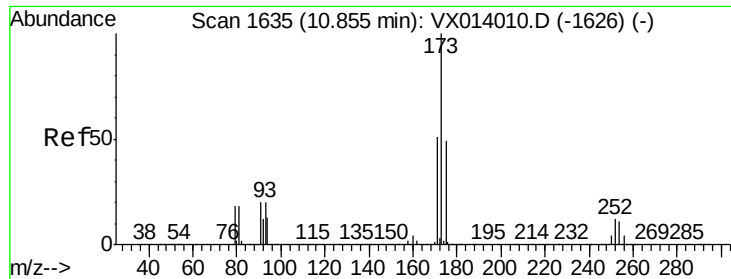
apatel
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#70
Styrene
Concen: 18.638 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	313456		
78	48.6	38.5	57.7	
103	54.0	42.9	64.3	





#71

Bromoform

Concen: 19.054 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

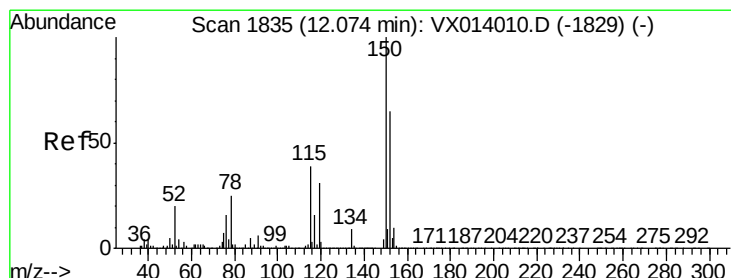
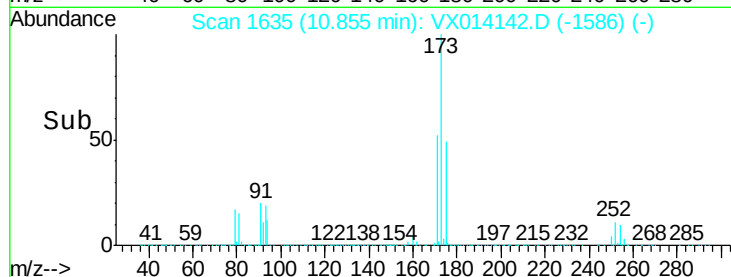
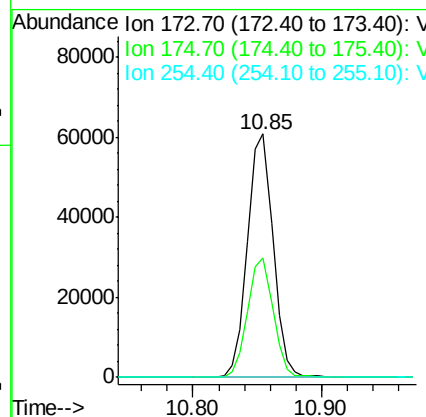
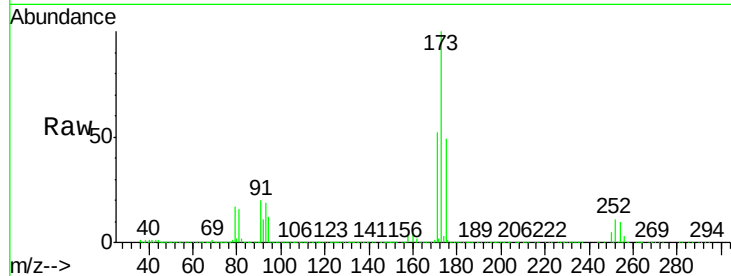
ClientSampleId :

VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.4	73.4
254	0.3	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

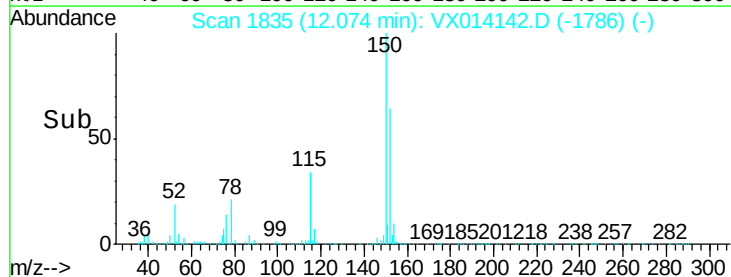
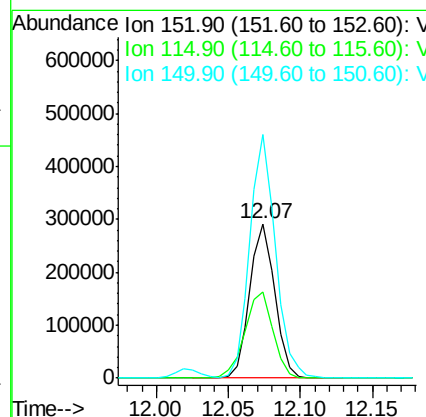
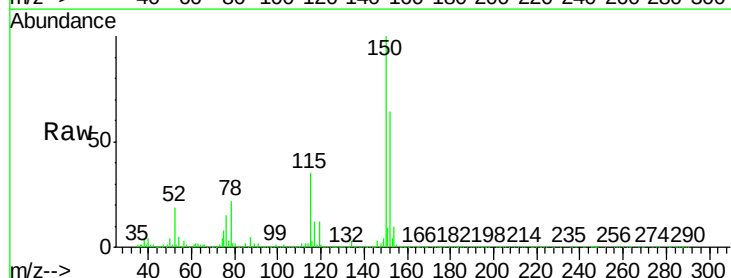
RT: 12.07 min Scan# 1835

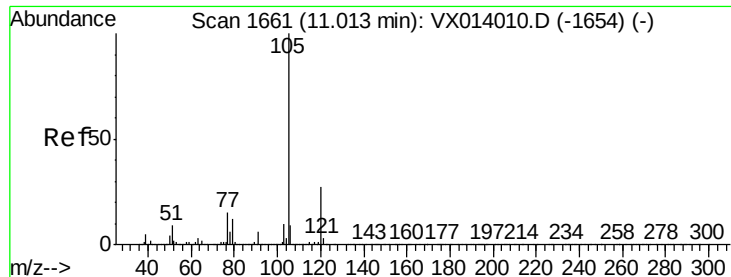
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	38.3	114.9
150	161.3	0.0	345.4





#73

Isopropylbenzene

Concen: 19.932 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 105 Resp: 491629

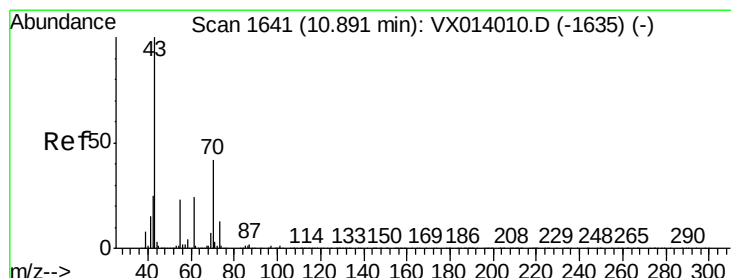
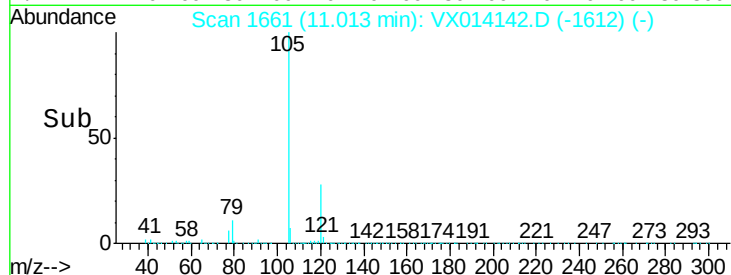
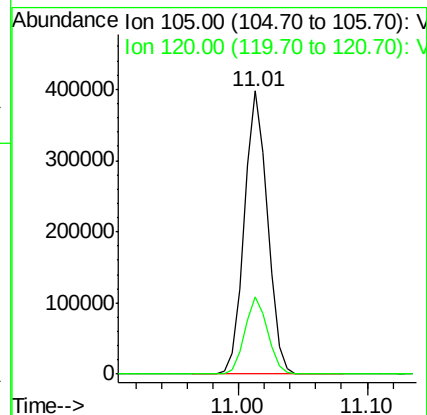
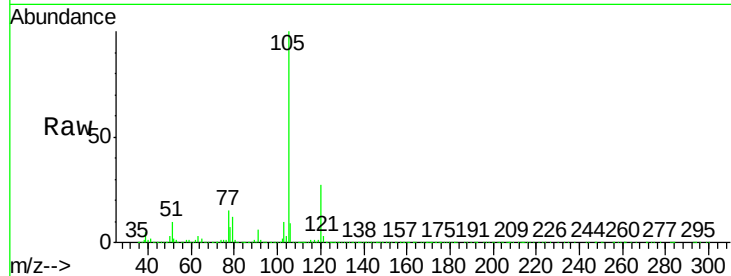
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.533 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion: 43 Resp: 225837

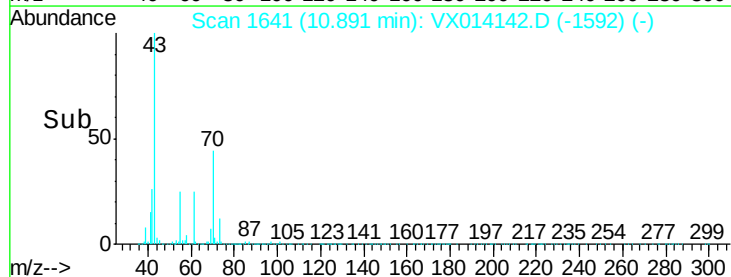
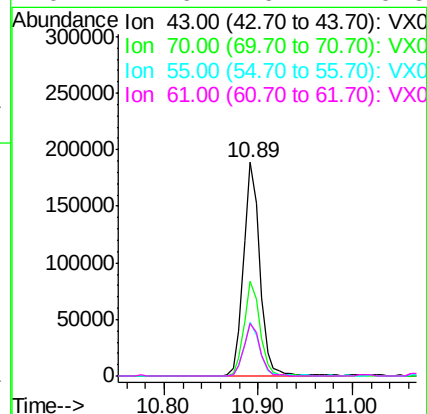
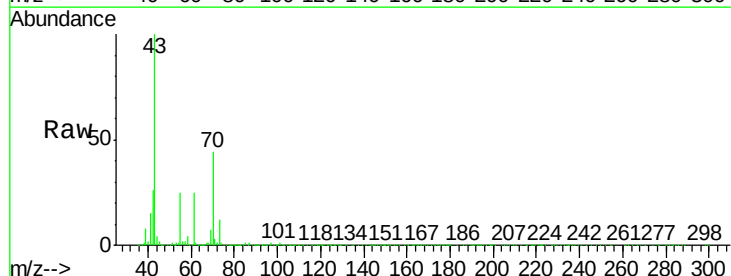
Ion Ratio Lower Upper

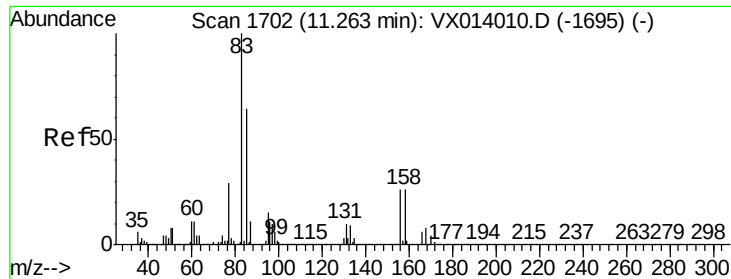
43 100

70 44.0 34.4 51.6

55 24.2 19.1 28.7

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.471 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

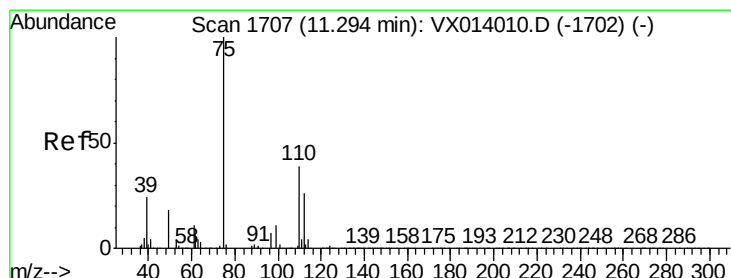
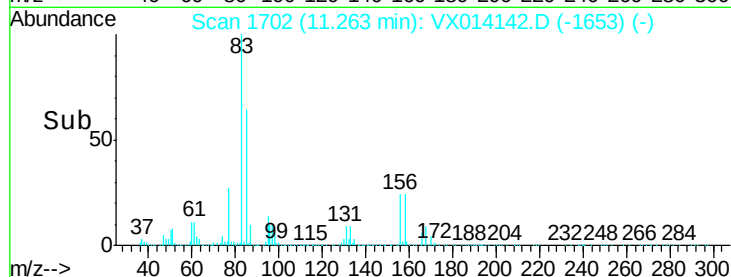
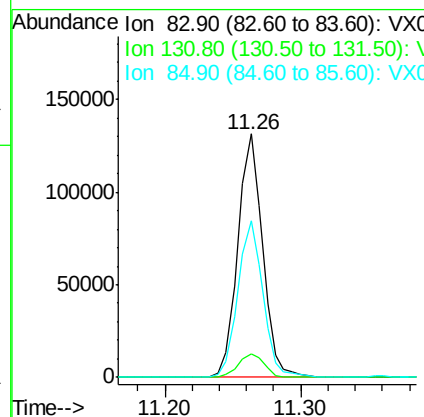
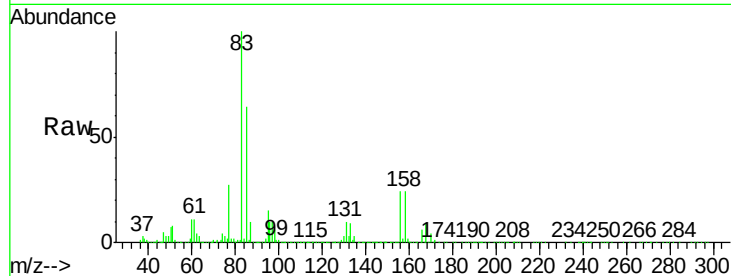
ClientSampleId :

VX1219WBSD03

Tot Ion:	83	Resp:	166505
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.2
85	65.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.186 ug/l m

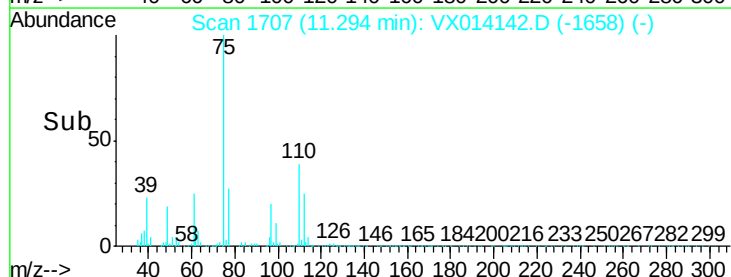
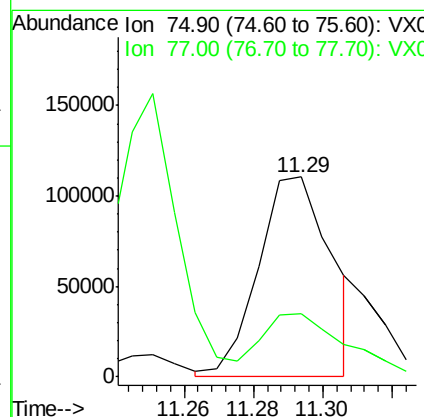
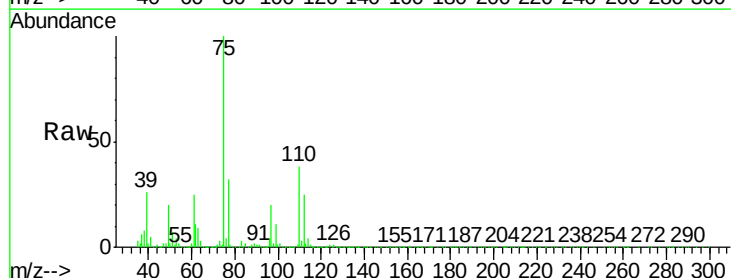
RT: 11.29 min Scan# 1707

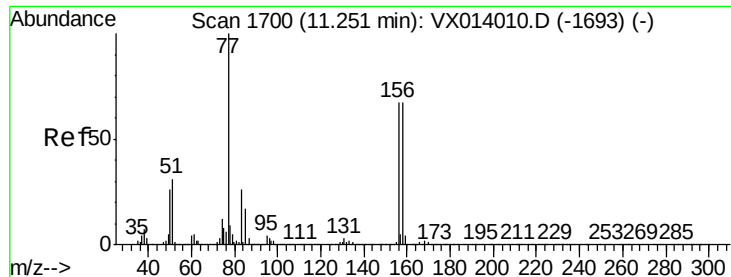
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	75	Resp:	161132
Ion Ratio	Lower	Upper	
75	100		
77	36.2	19.3	57.8





#77

Bromobenzene

Concen: 19.213 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

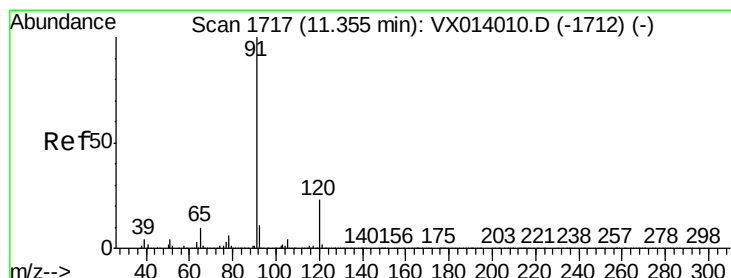
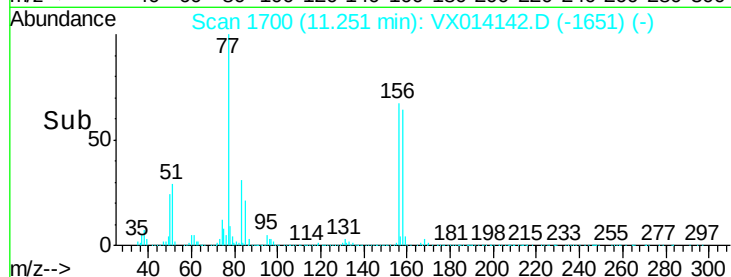
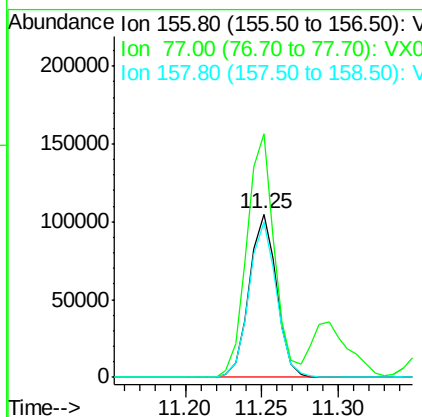
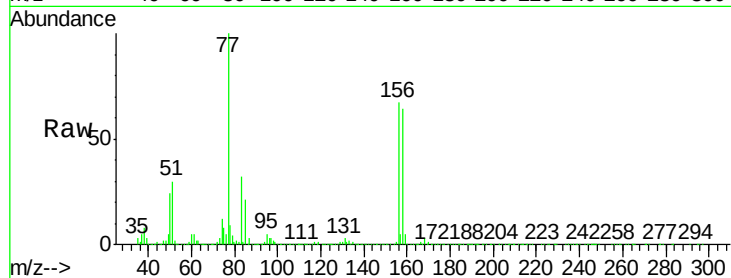
ClientSampleId :

VX1219WBSD03

Tot Ion:	156	Resp:	130389
Ion Ratio	Lower	Upper	
156	100		
77	150.7	76.5	229.5
158	96.2	49.3	147.9

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#78

n-propylbenzene

Concen: 19.728 ug/l

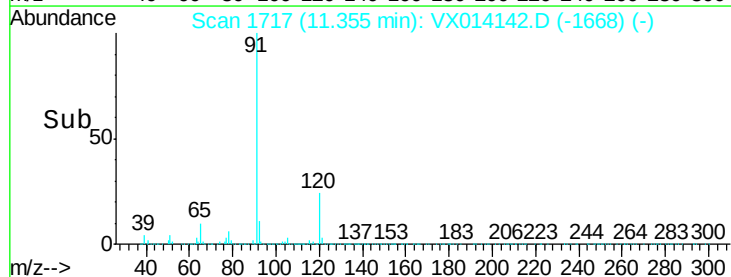
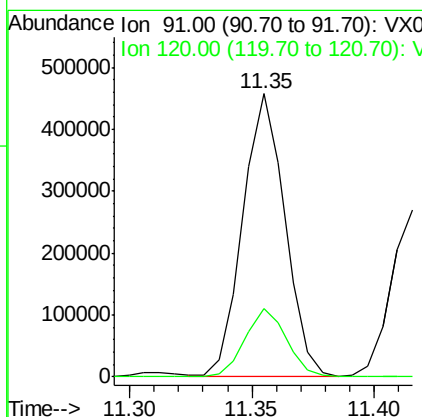
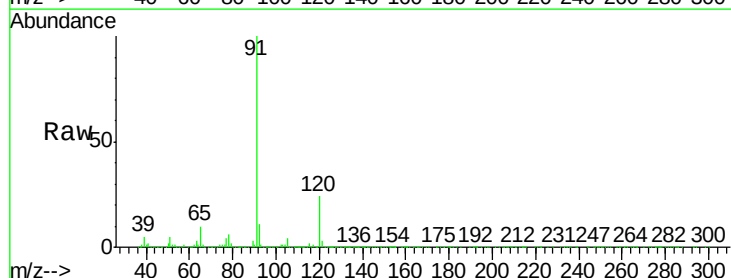
RT: 11.35 min Scan# 1717

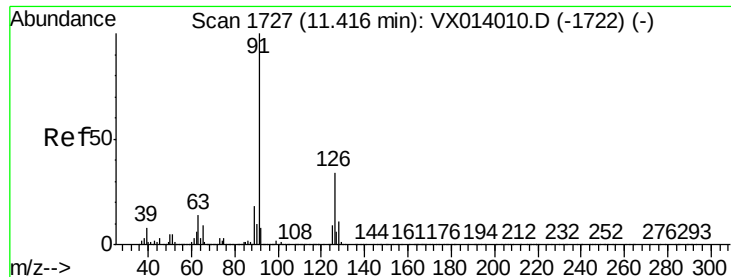
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	91	Resp:	545812
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.709 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion: 91 Resp: 331465

Ion Ratio Lower Upper

91 100

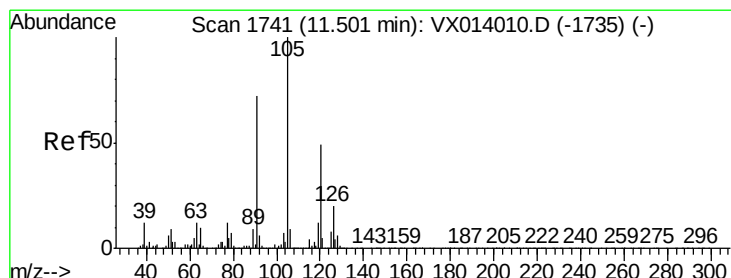
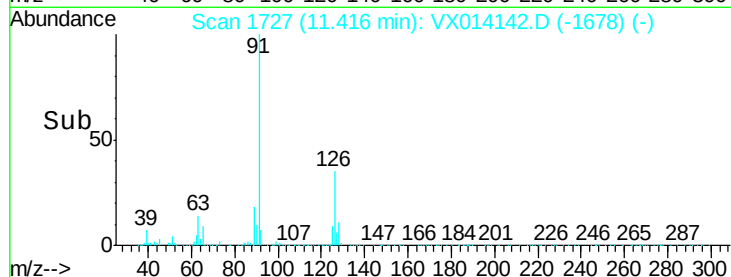
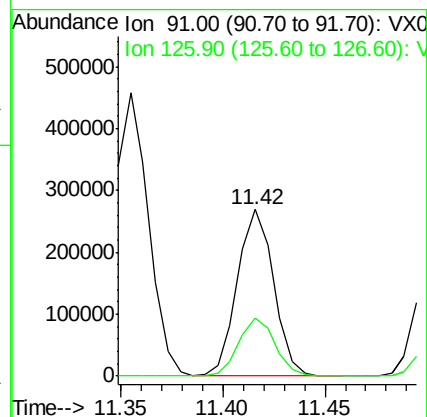
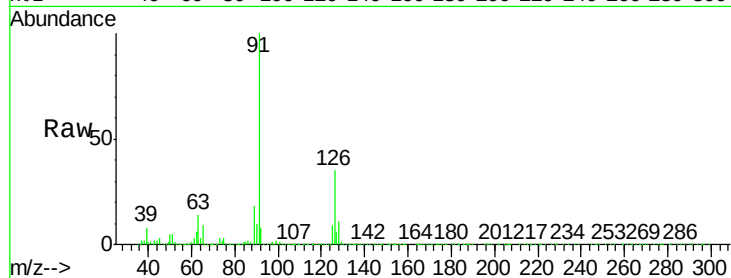
126 35.0 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.524 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014142.D

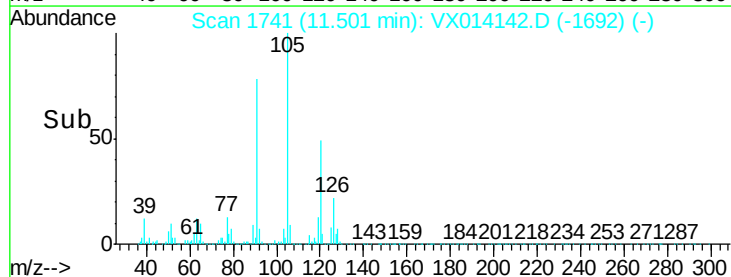
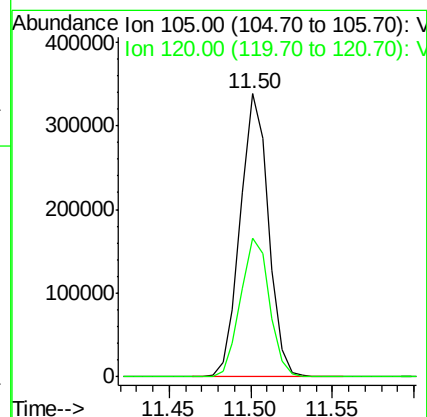
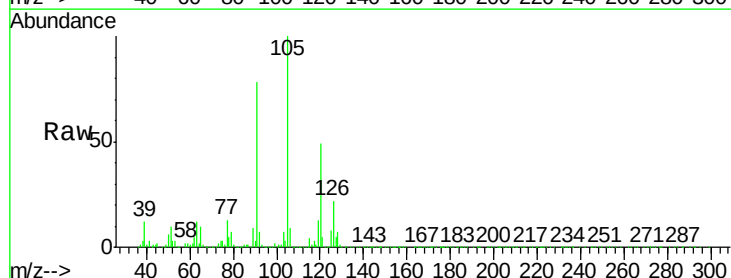
Acq: 20 Dec 2019 00:46

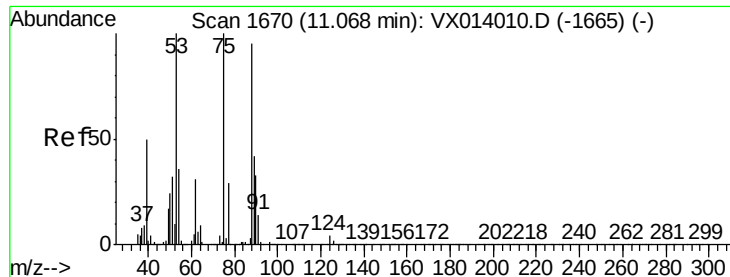
Tgt Ion: 105 Resp: 405299

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.8





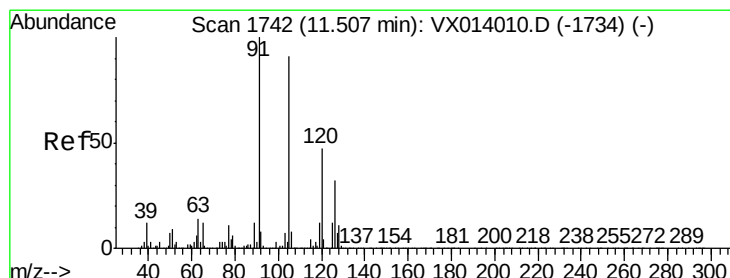
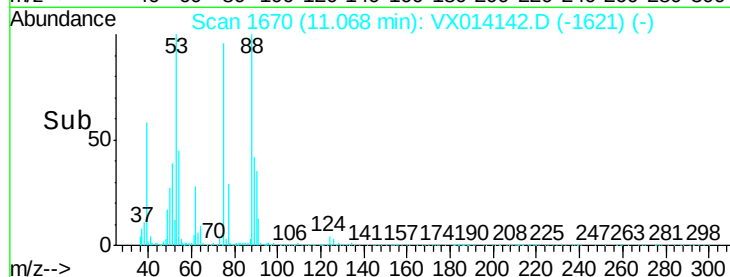
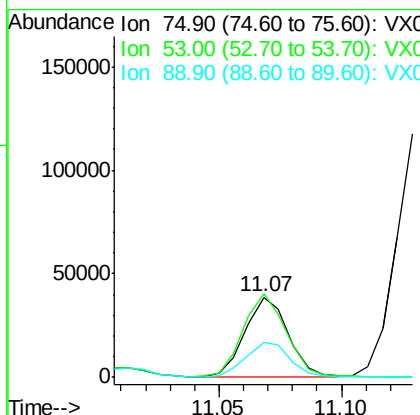
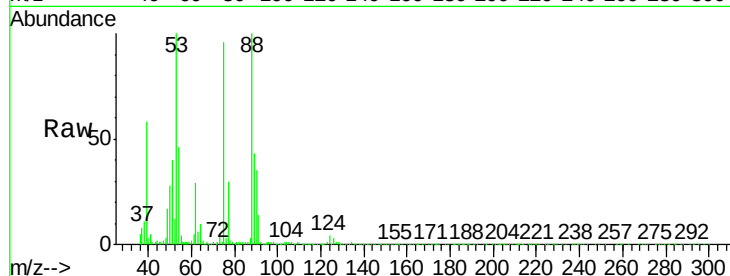
#81
trans-1,4-Dichloro-2-butene
Concen: 17.460 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	76.7	115.1
89	44.8	34.6	51.8

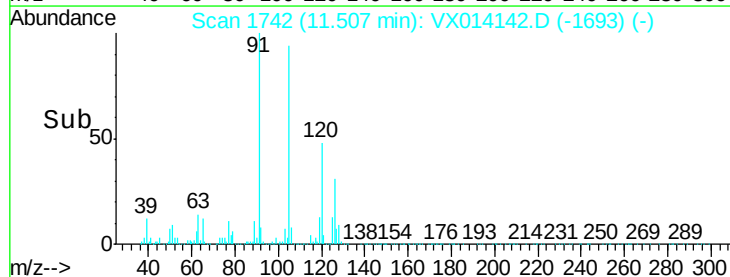
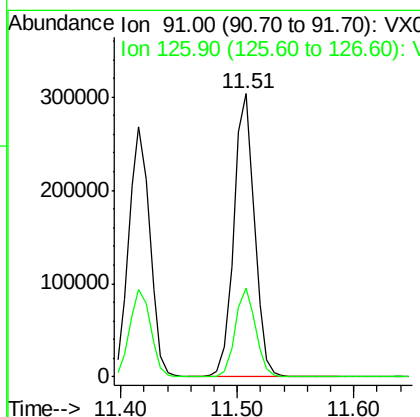
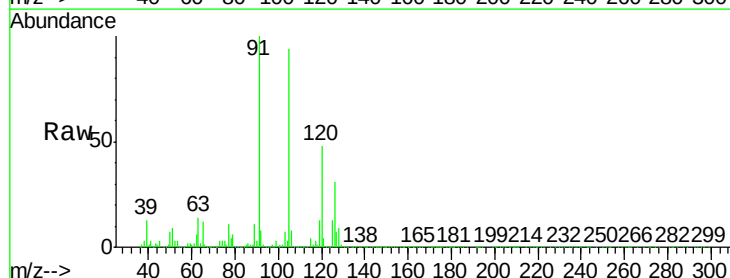
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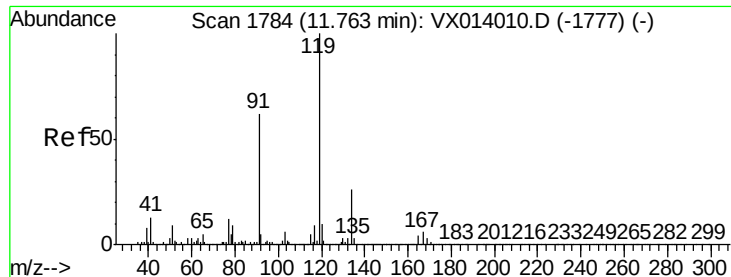
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#82
4-Chlorotoluene
Concen: 19.229 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





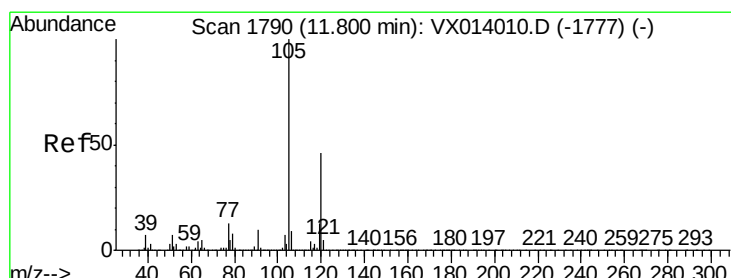
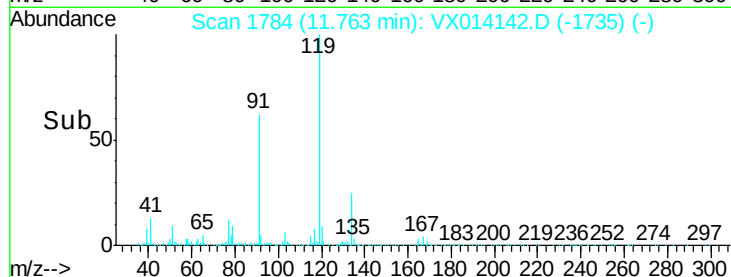
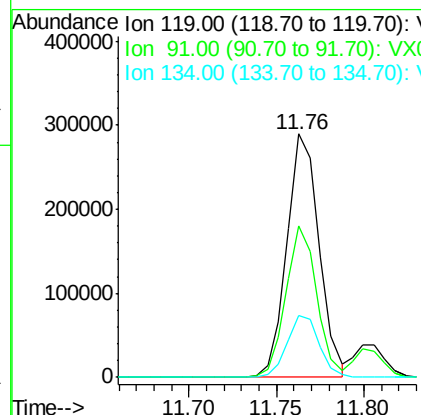
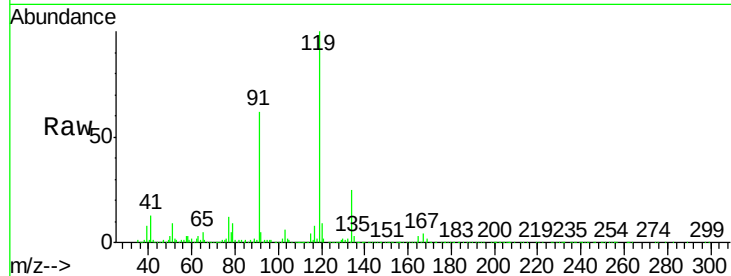
#83
tert-Butylbenzene
Concen: 18.422 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	372162		
91	59.5	28.5	85.6	
134	25.3	12.2	36.6	

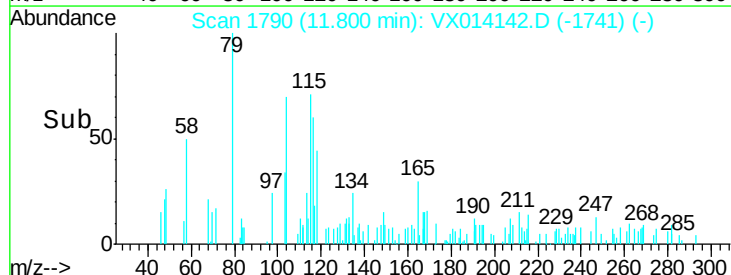
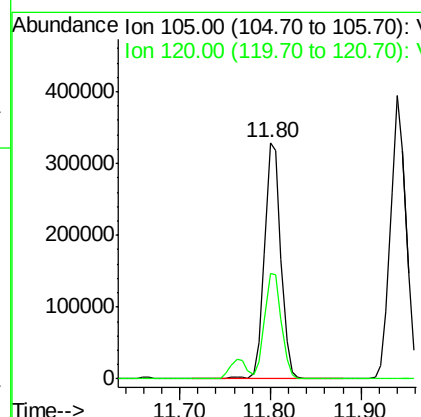
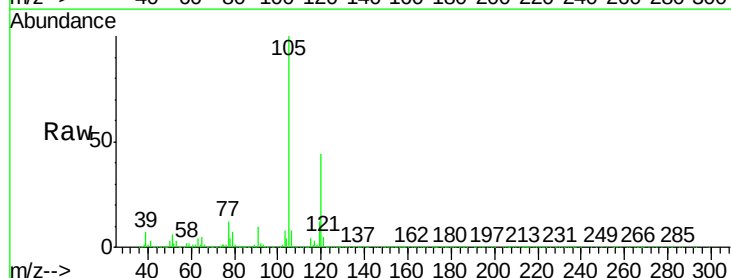
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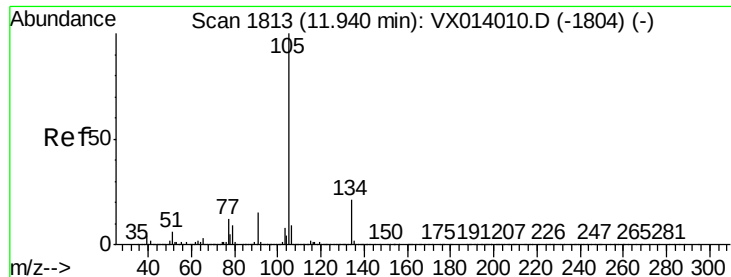
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#84
1,2,4-Trimethylbenzene
Concen: 19.766 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	410913		
120	45.6	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.663 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD03

Tot Ion:105 Resp: 468942

Ion Ratio Lower Upper

105 100

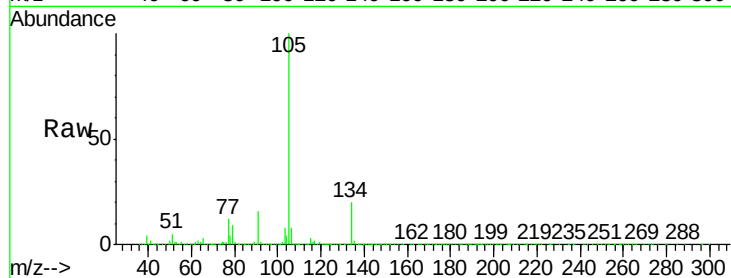
134 20.5 10.4 31.1

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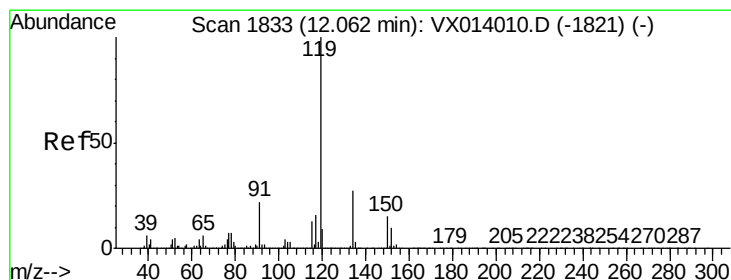
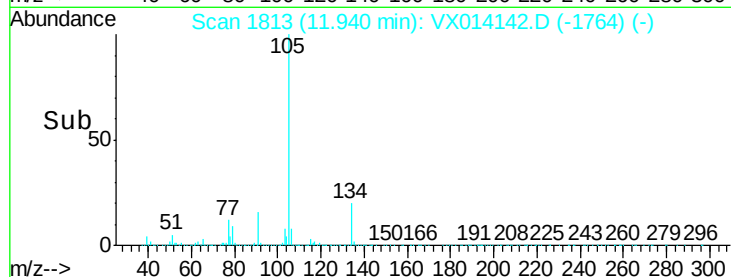
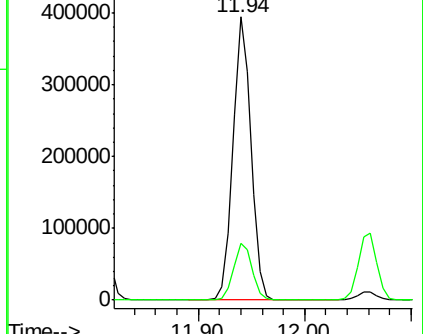
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.627 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

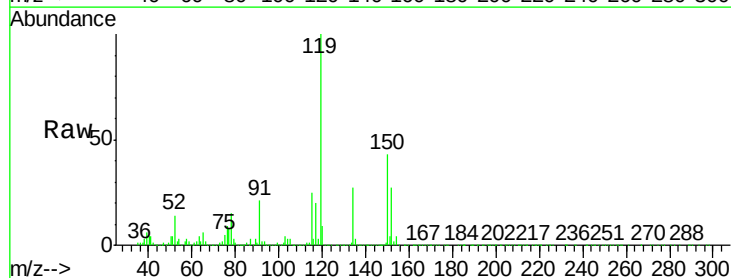
Tgt Ion:119 Resp: 428153

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

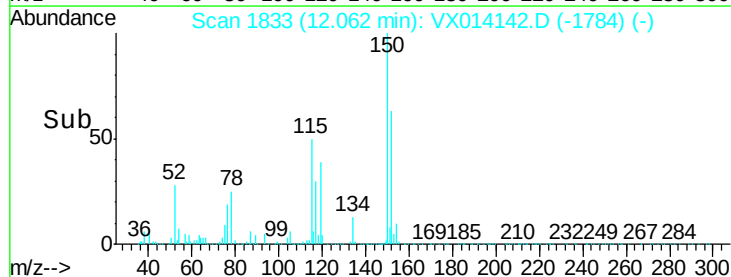
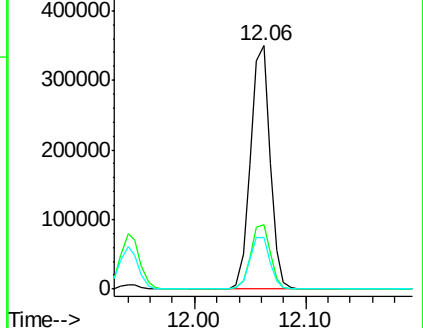
91 22.1 11.4 34.1

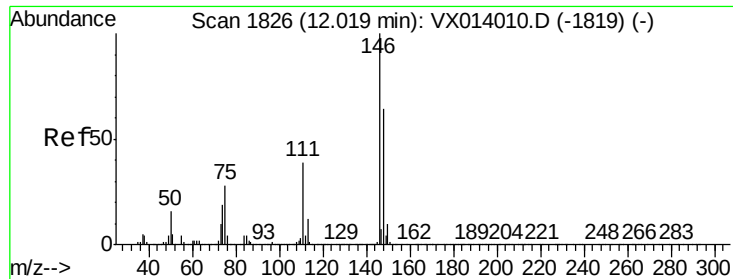


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.510 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

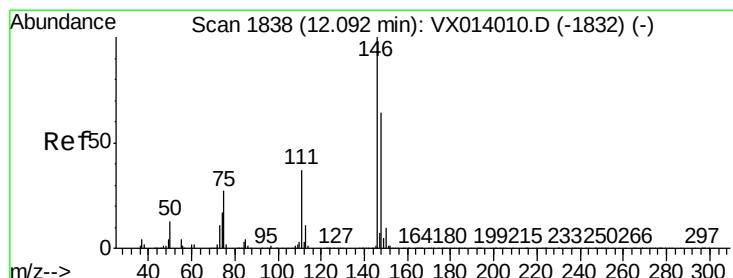
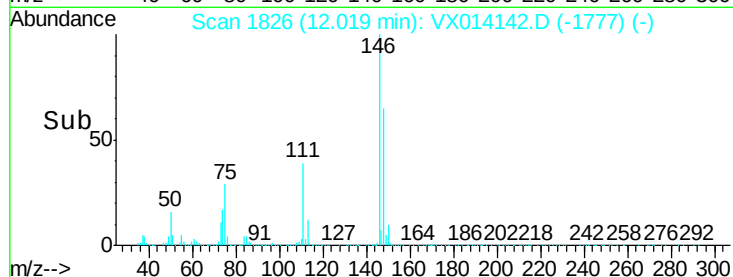
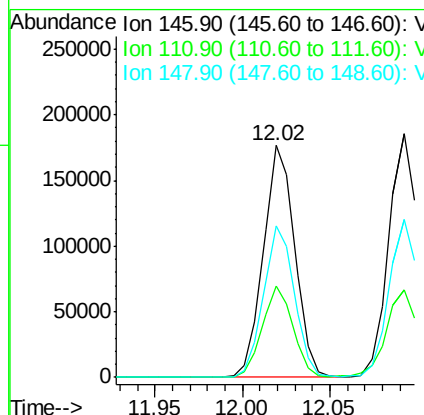
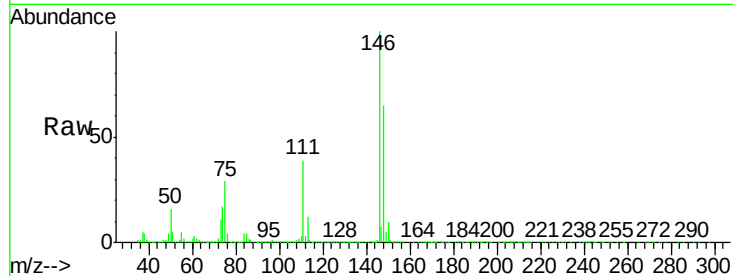
Instrument :
MSVOA_X

ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.4	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 18.310 ug/l

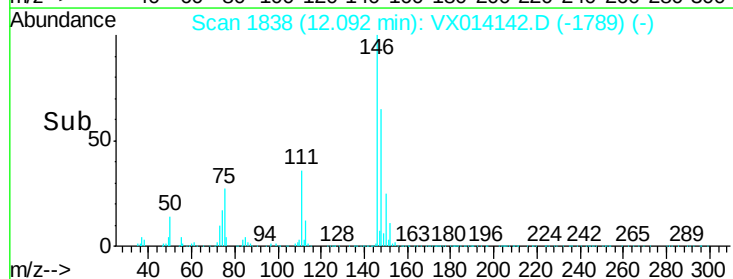
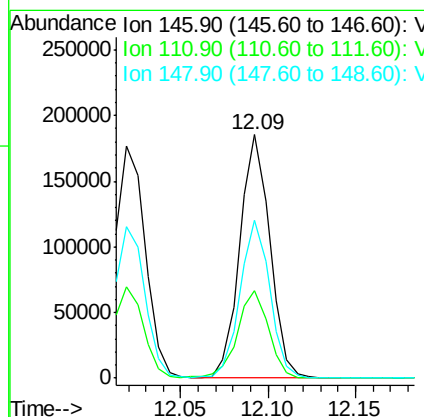
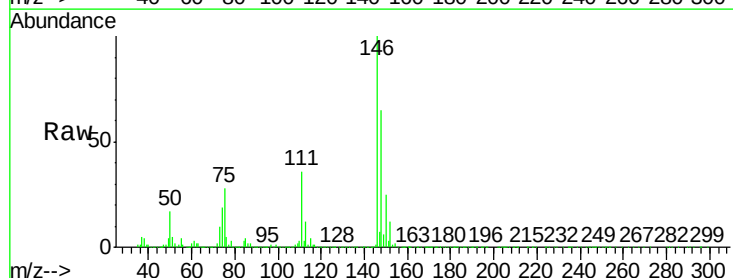
RT: 12.09 min Scan# 1838

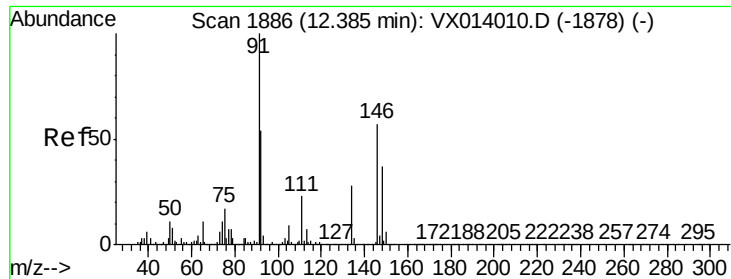
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.5	31.9	95.9





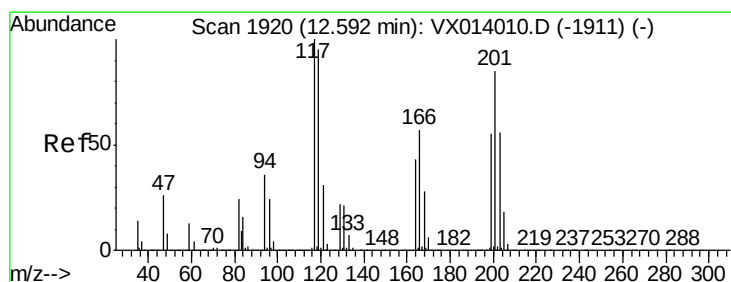
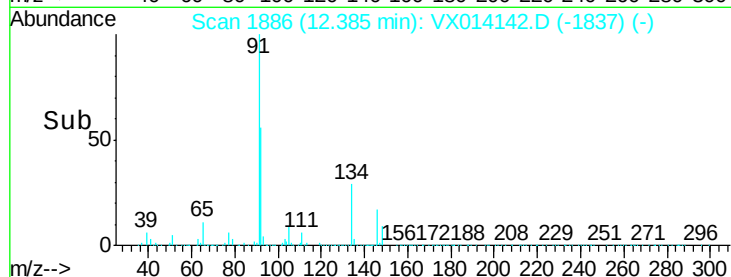
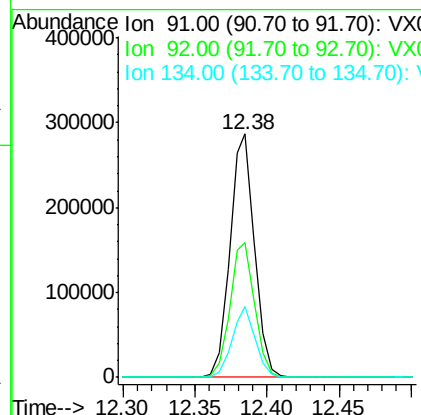
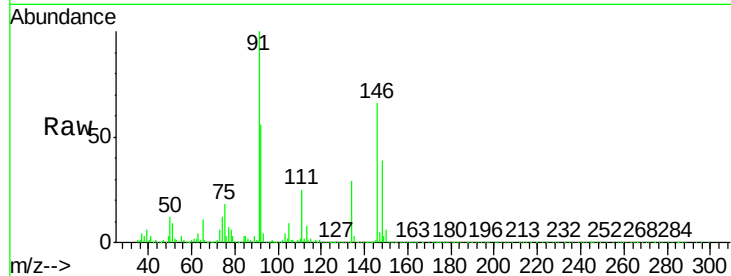
#89
n-Butylbenzene
Concen: 18.487 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.2	81.6
134	27.4	13.4	40.1

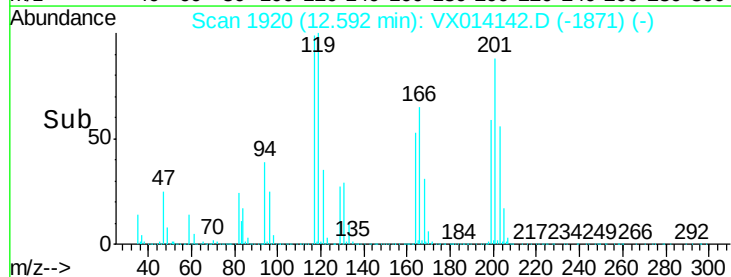
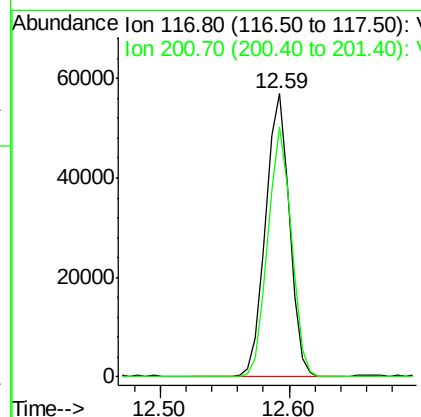
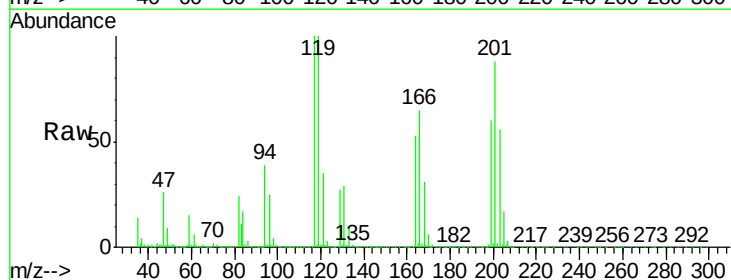
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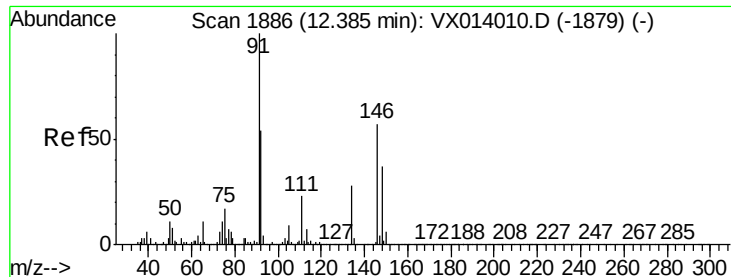
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#90
Hexachloroethane
Concen: 18.589 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 19.162 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

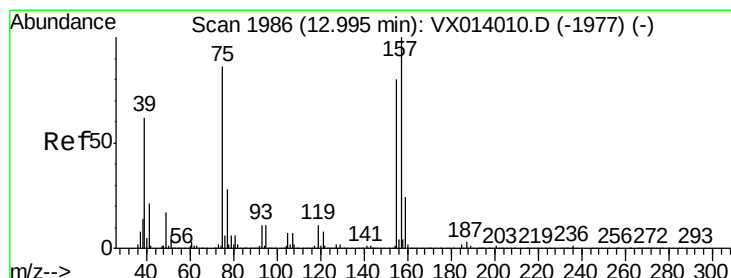
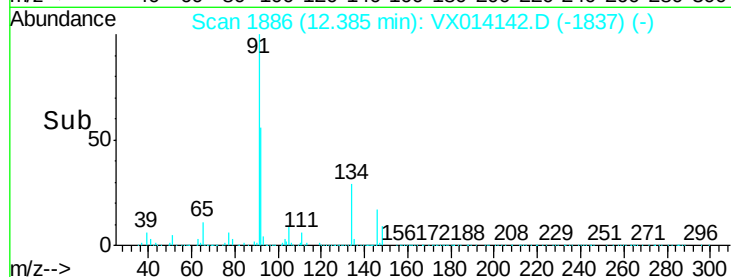
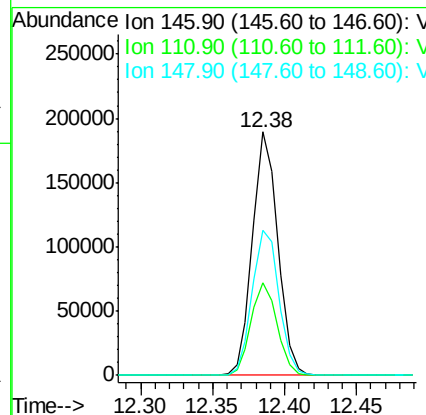
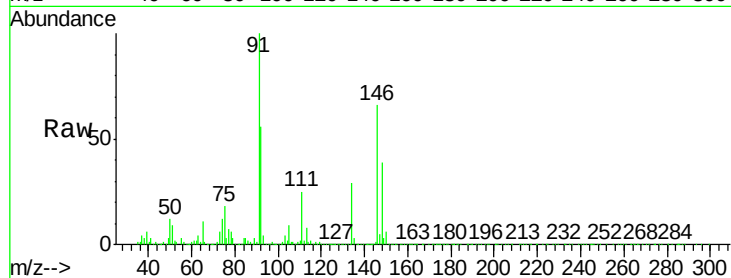
ClientSampleId :

VX1219WBSD03

Tot Ion:	146	Resp:	229425
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.7	59.1
148	63.0	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.561 ug/l

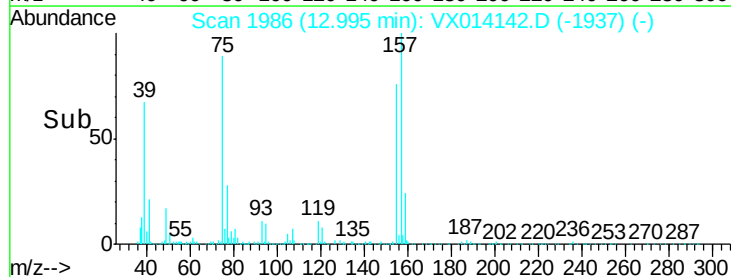
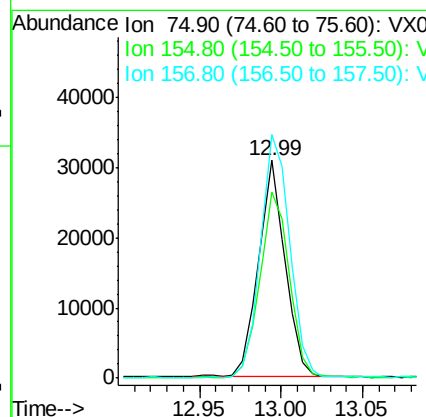
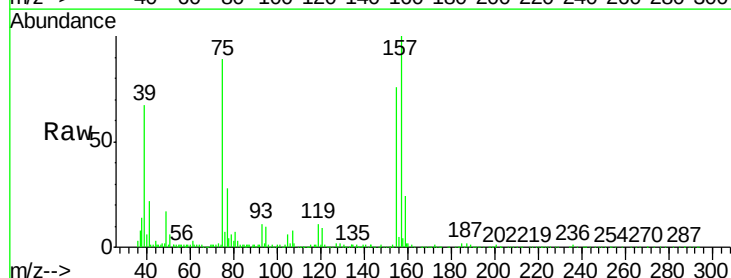
RT: 12.99 min Scan# 1886

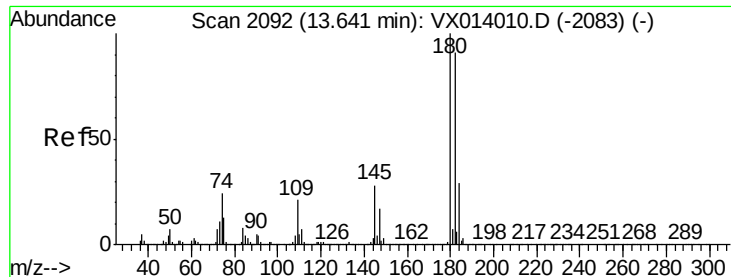
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	75	Resp:	35123
Ion Ratio	Lower	Upper	
75	100		
155	94.7	46.9	140.6
157	123.5	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 18.527 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Instrument :

MSVOA_X

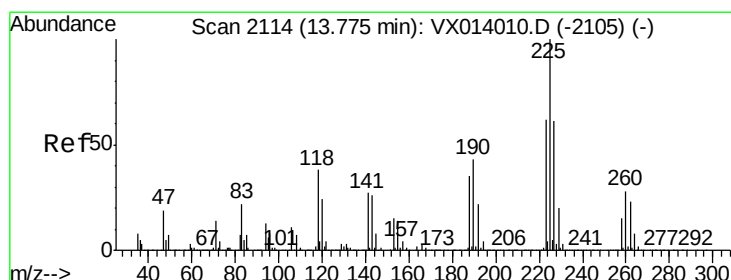
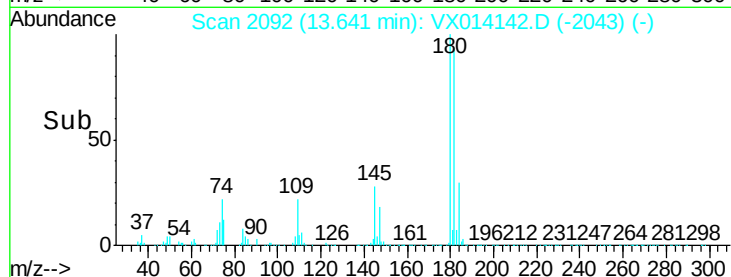
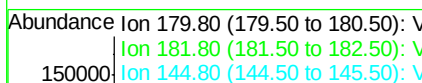
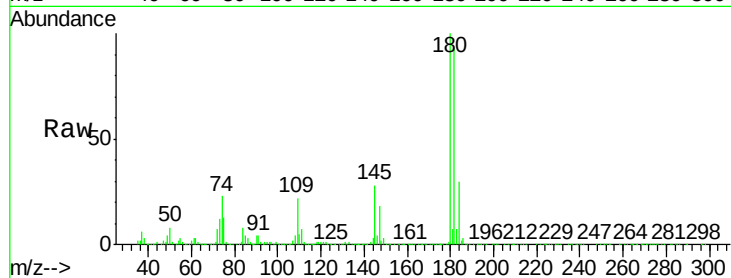
ClientSampleId :

VX1219WBSD03

Tot Ion:	180	Resp:	144176
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.6	139.8
145	28.6	14.2	42.6

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#94

Hexachlorobutadiene

Concen: 18.552 ug/l

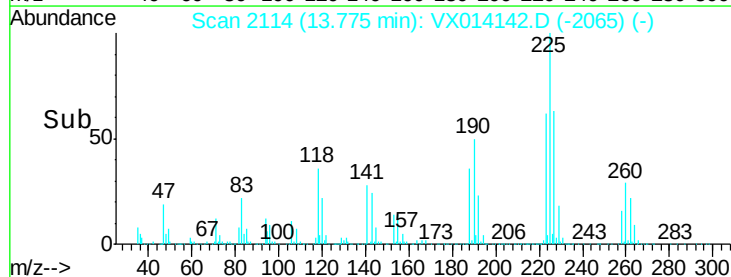
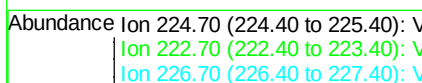
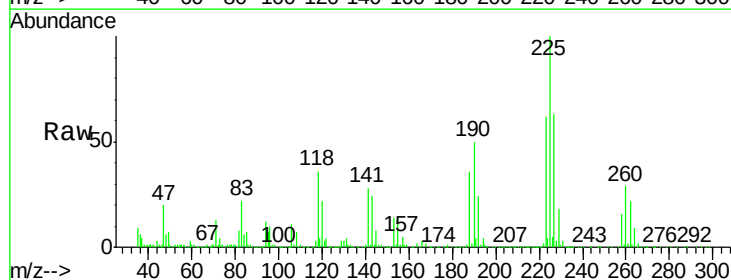
RT: 13.77 min Scan# 2114

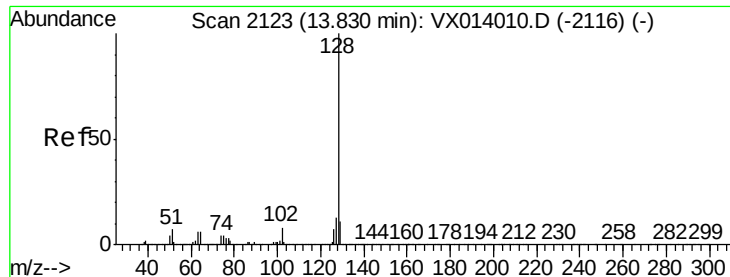
Delta R.T. 0.00 min

Lab File: VX014142.D

Acq: 20 Dec 2019 00:46

Tgt Ion:	225	Resp:	69383
Ion Ratio	Lower	Upper	
225	100		
223	63.0	30.9	92.5
227	62.5	30.9	92.7





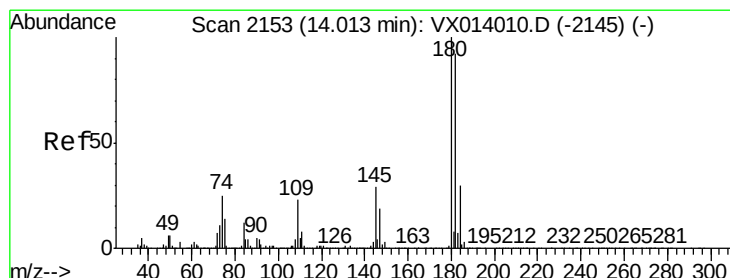
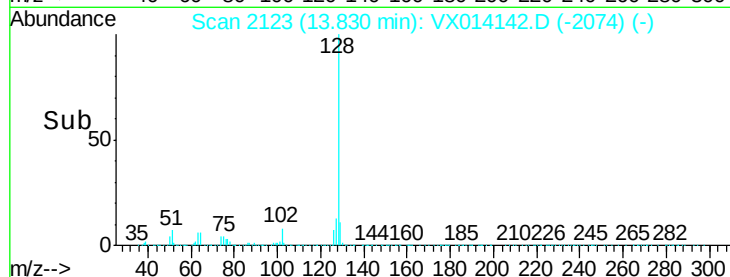
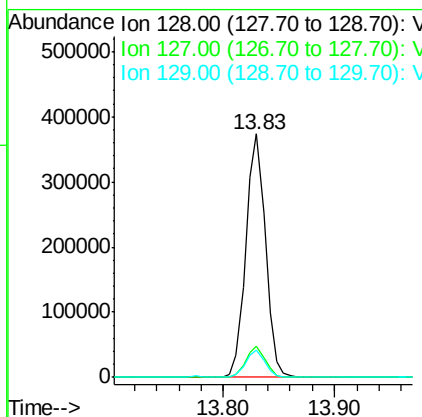
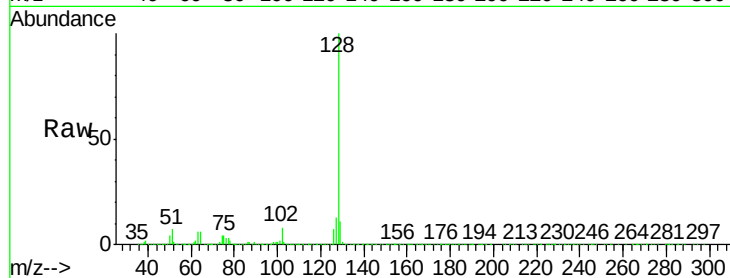
#95
Naphthalene
Concen: 19.926 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD03

Tot Ion	Ratio	Resp	Lower	Upper
128	100	455574		
127	12.8	10.2	15.4	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

apatel
12/20/2019 10:23:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.354 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014142.D
Acq: 20 Dec 2019 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148679		
182	95.7	46.8	140.3	
145	30.1	14.8	44.4	

