

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014221.D
 Acq On : 23 Dec 2019 23:45
 Operator : JC/SP
 Sample : VX1223MBSD02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1223MBSD02

Manual Integrations
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 12/24/2019 12:05:18 PM

Quant Time: Dec 24 04:03:59 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	509286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	788895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	294879	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.49	113	240768	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	944955	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	326262	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	79469	17.442	ug/l	99
3) Chloromethane	1.32	50	109577	17.921	ug/l	99
4) Vinyl Chloride	1.40	62	118052	18.297	ug/l	99
5) Bromomethane	1.63	94	73705	16.095	ug/l	97
6) Chloroethane	1.72	64	78313	19.667	ug/l	98
7) Trichlorofluoromethane	1.92	101	154874	19.391	ug/l	99
8) Diethyl Ether	2.18	74	71897	19.181	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90166	18.728	ug/l	98
10) Methyl Iodide	2.50	142	95682	16.901	ug/l	98
11) Tert butyl alcohol	3.03	59	135990	109.036	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92701	18.922	ug/l	95
13) Acrolein	2.28	56	63575	89.048	ug/l	99
14) Allyl chloride	2.72	41	169834	19.416	ug/l	98
15) Acrylonitrile	3.13	53	297122	102.066	ug/l	99
16) Acetone	2.43	43	338517	90.336	ug/l	98
17) Carbon Disulfide	2.56	76	235394	17.798	ug/l	100
18) Methyl Acetate	2.76	43	158307	21.320	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	317431	19.718	ug/l	97
20) Methylene Chloride	2.85	84	110039	18.648	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	100473	18.616	ug/l	99
22) Diisopropyl ether	3.84	45	346748	19.893	ug/l	98
23) Vinyl Acetate	3.80	43	983667	69.153	ug/l	100
24) 1,1-Dichloroethane	3.69	63	186127	19.193	ug/l	99
25) 2-Butanone	4.66	43	447915	96.952	ug/l	99
26) 2,2-Dichloropropane	4.57	77	125151	16.622	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	118874	19.475	ug/l	99
28) Bromochloromethane	5.00	49	77508	21.047	ug/l	100
29) Tetrahydrofuran	5.11	42	271900	105.221	ug/l	99
30) Chloroform	5.20	83	182312	19.831	ug/l	97
31) Cyclohexane	5.57	56	164426	19.064	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	151811	19.376	ug/l	100
36) 1,1-Dichloropropene	5.79	75	133338	18.421	ug/l	98
37) Ethyl Acetate	4.82	43	159340	19.934	ug/l	98
38) Carbon Tetrachloride	5.78	117	125318	19.004	ug/l	95

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Quant Time: Dec 24 04:03:59 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)
39) Methylcyclohexane	7.46	83	163546	18.298	ug/l	97
40) Benzene	6.13	78	425398	19.100	ug/l	99
41) Methacrylonitrile	5.03	41	87251	19.673	ug/l	98
42) 1,2-Dichloroethane	6.18	62	146775	19.441	ug/l	99
43) Isopropyl Acetate	6.43	43	263152	19.893	ug/l	98
44) Trichloroethene	7.21	130	121909	19.817	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112490	19.705	ug/l	96
46) Dibromomethane	7.65	93	72164	19.120	ug/l	99
47) Bromodichloromethane	7.89	83	138433	19.475	ug/l	98
48) Methyl methacrylate	7.76	41	127015	19.608	ug/l	99
49) 1,4-Dioxane	7.73	88	53372	404.875	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	830329	99.945	ug/l	100
52) Toluene	8.78	92	266702	18.945	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143817	18.452	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163734	18.856	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110406	19.568	ug/l	98
56) Ethyl methacrylate	9.17	69	170605	19.249	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184816	19.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	335859	100.136	ug/l	99
59) 2-Hexanone	9.48	43	646092	96.607	ug/l	99
60) Dibromochloromethane	9.57	129	109321	19.493	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113775	19.709	ug/l	99
64) Tetrachloroethene	9.33	164	167488	26.681	ug/l	94
65) Chlorobenzene	10.14	112	288007	19.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	105358	19.562	ug/l	100
67) Ethyl Benzene	10.25	91	498059	19.206	ug/l	99
68) m/p-Xylenes	10.35	106	382665	38.366	ug/l	100
69) o-Xylene	10.70	106	186474	19.063	ug/l	99
70) Styrene	10.71	104	309955	18.738	ug/l	99
71) Bromoform	10.85	173	80854	18.676	ug/l #	97
73) Isopropylbenzene	11.01	105	489383	19.979	ug/l	99
74) N-amyl acetate	10.89	43	220733	19.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151259	17.812	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	137308m	18.180	ug/l	
77) Bromobenzene	11.25	156	128164	19.017	ug/l	99
78) n-propylbenzene	11.35	91	548190	19.952	ug/l	100
79) 2-Chlorotoluene	11.42	91	329566	19.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	404933	19.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46700	17.452	ug/l	92
82) 4-Chlorotoluene	11.51	91	371357	19.169	ug/l	100
83) tert-Butylbenzene	11.76	119	352040	17.548	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	407294	19.729	ug/l	100
85) sec-Butylbenzene	11.94	105	468368	19.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	423545	19.551	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222122	18.806	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	223897	18.643	ug/l	99
89) n-Butylbenzene	12.39	91	347763	18.813	ug/l	99
90) Hexachloroethane	12.59	117	70483	18.114	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	226521	19.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32699	17.400	ug/l	97

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ClientSampleId :
VX1223MBSD02

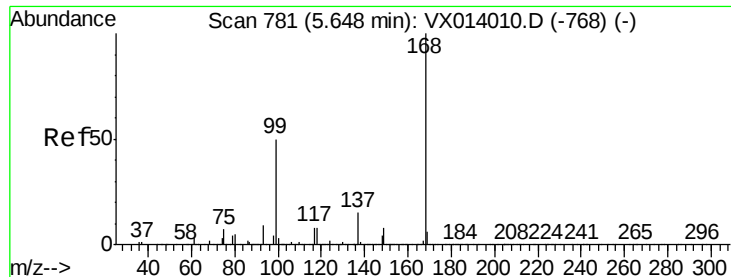
Manual Integrations
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Quant Time: Dec 24 04:03:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144610	18.712	ug/l	98
94) Hexachlorobutadiene	13.78	225	69673	18.759	ug/l	98
95) Naphthalene	13.83	128	452684	19.937	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147867	19.383	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:168 Resp: 509286

Ion Ratio Lower Upper

168 100

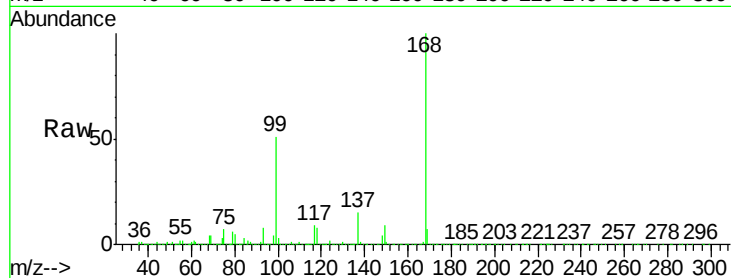
99 50.9 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

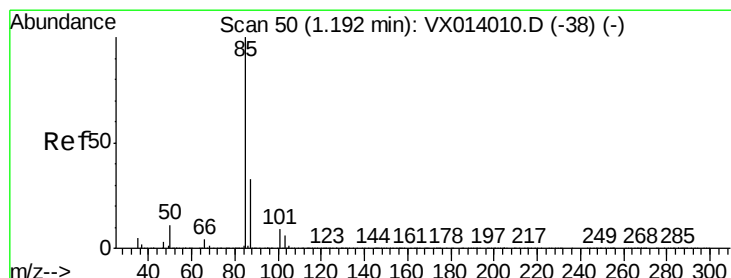
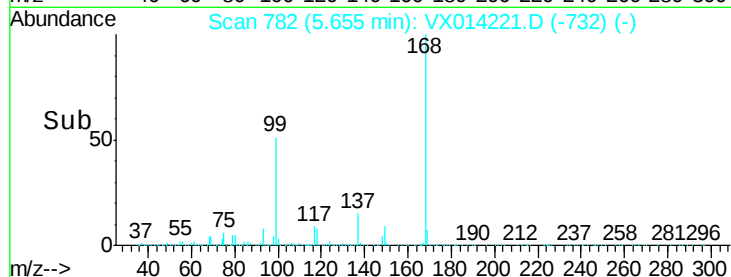
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.442 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014221.D

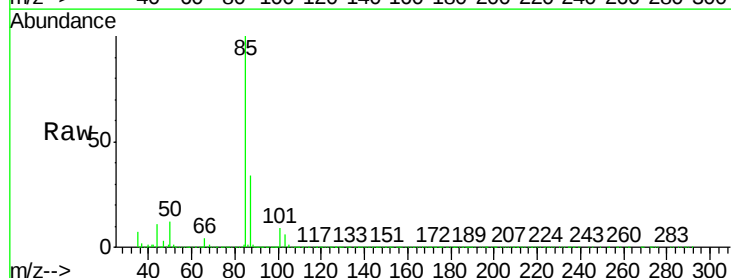
Acq: 23 Dec 2019 23:45

Tgt Ion: 85 Resp: 79469

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

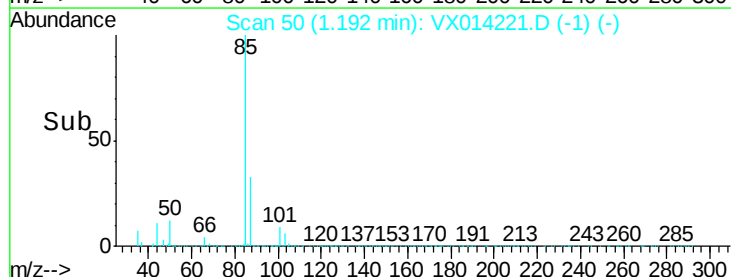
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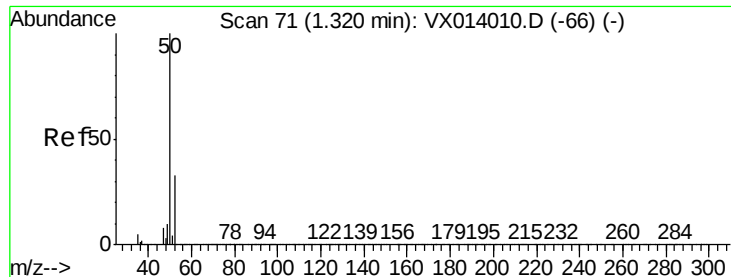
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20000

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Time-->





#3

Chloromethane

Concen: 17.921 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 50 Resp: 109577

Ion Ratio Lower Upper

50 100

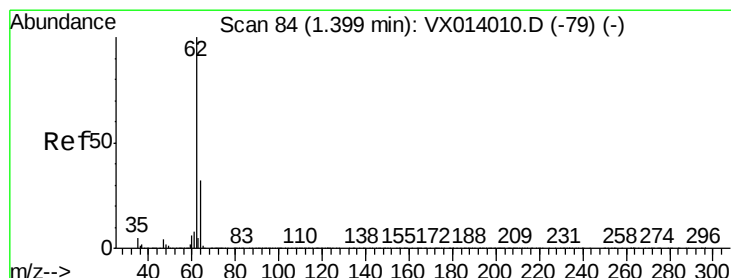
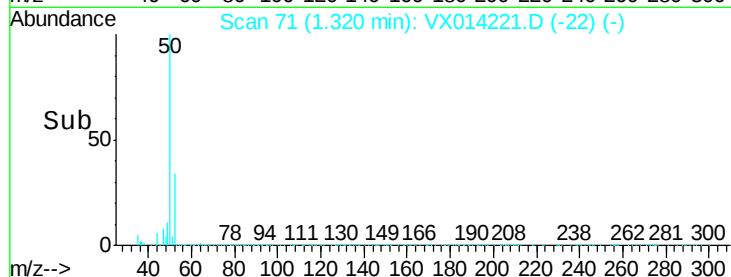
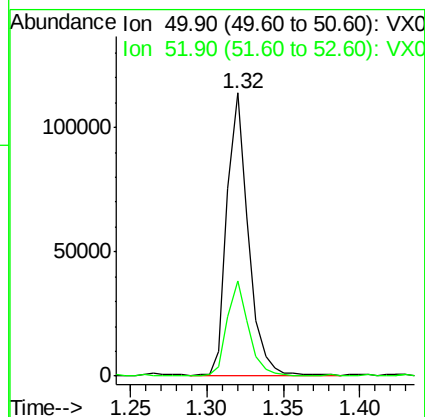
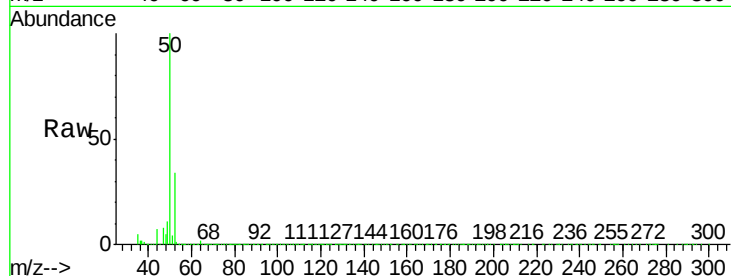
52 33.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.297 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014221.D

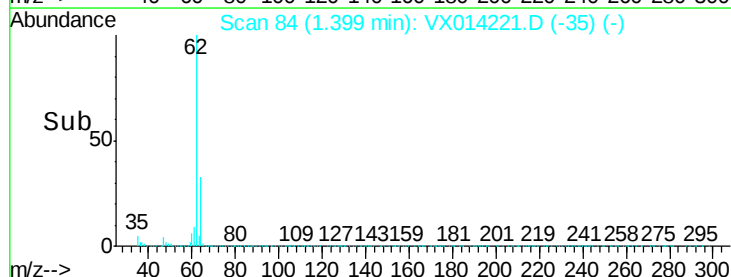
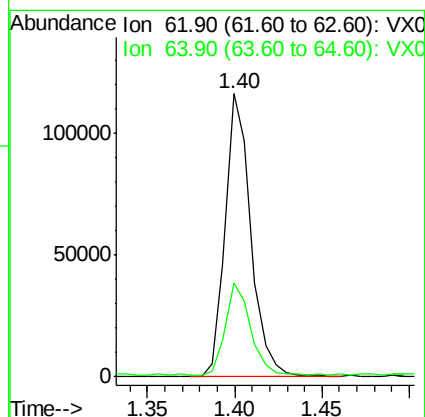
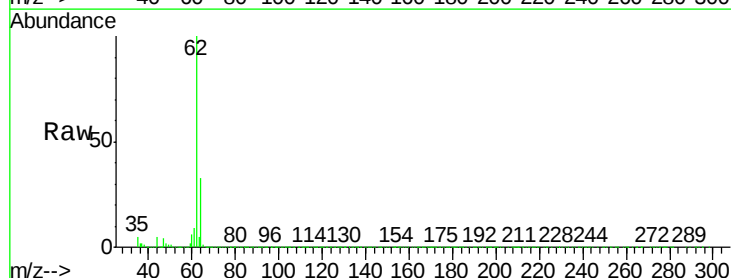
Acq: 23 Dec 2019 23:45

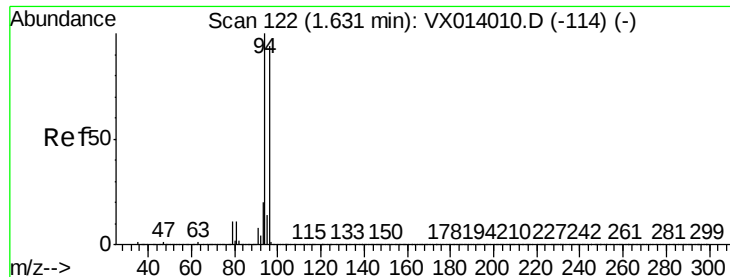
Tgt Ion: 62 Resp: 118052

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 16.095 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 94 Resp: 73705

Ion Ratio Lower Upper

94 100

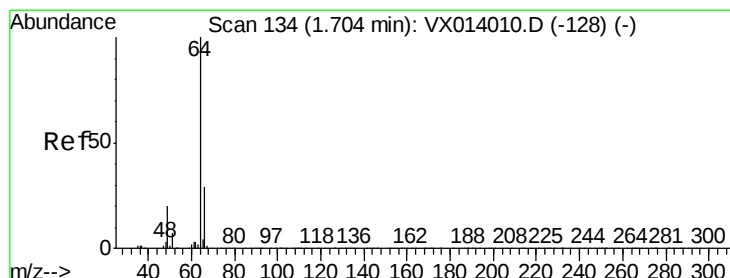
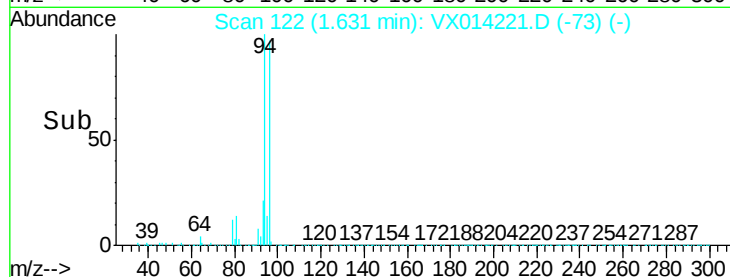
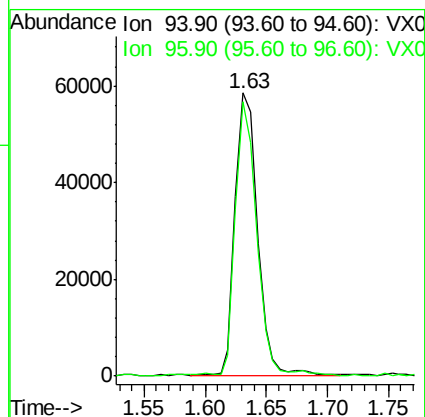
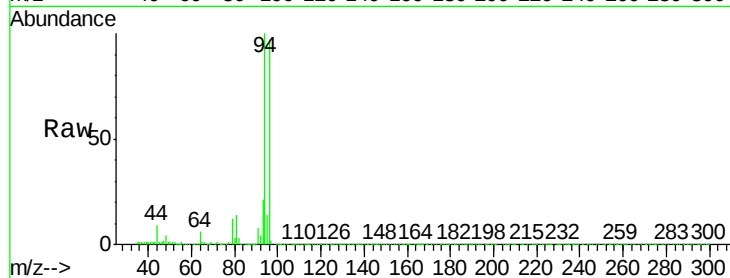
96 96.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.667 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014221.D

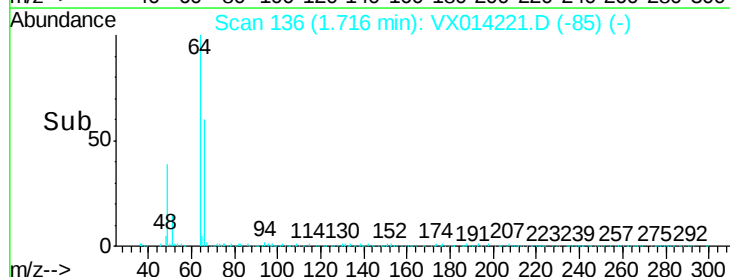
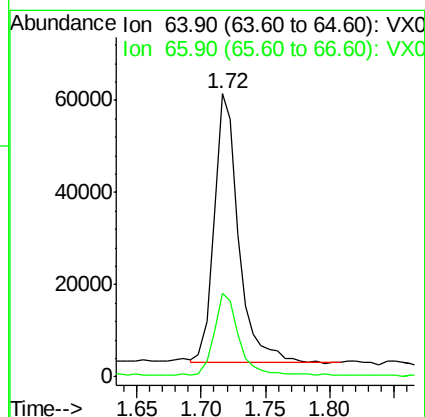
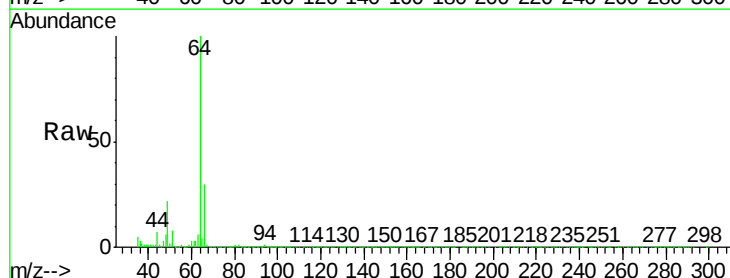
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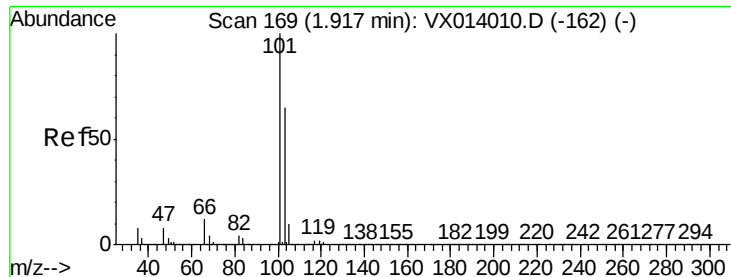
Tgt Ion: 64 Resp: 78313

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.2





#7

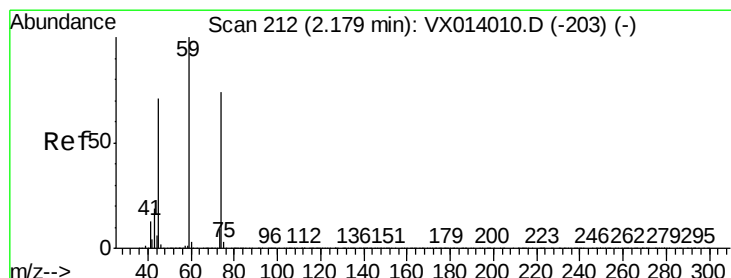
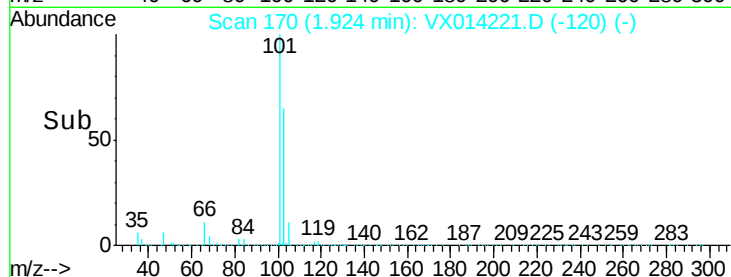
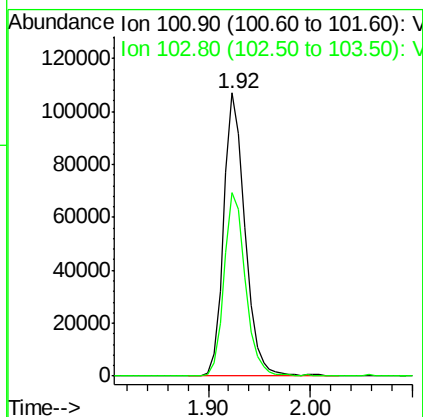
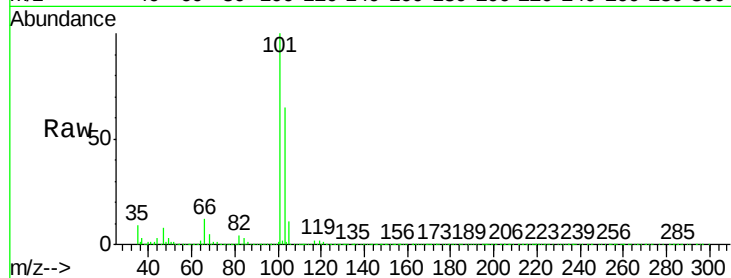
Trichlorofluoromethane
Concen: 19.391 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
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ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

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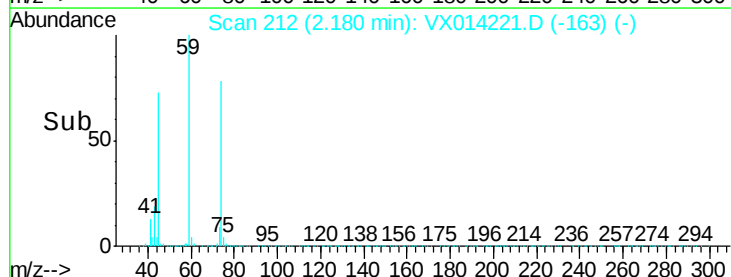
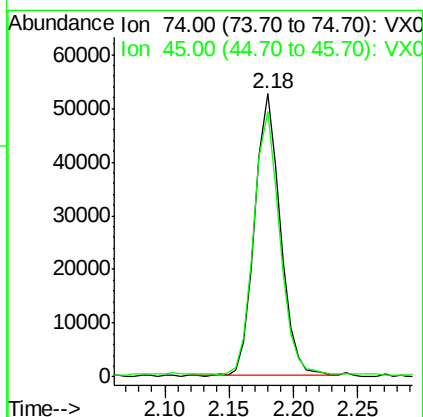
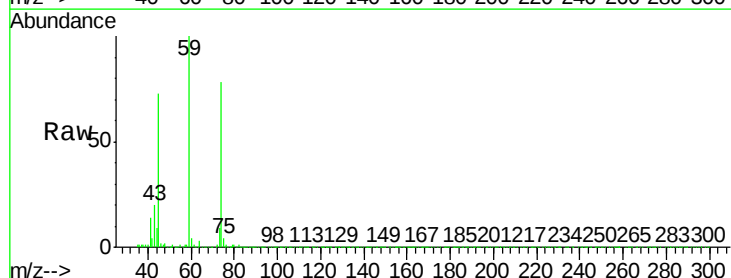
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#8

Diethyl Ether
Concen: 19.181 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.728 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

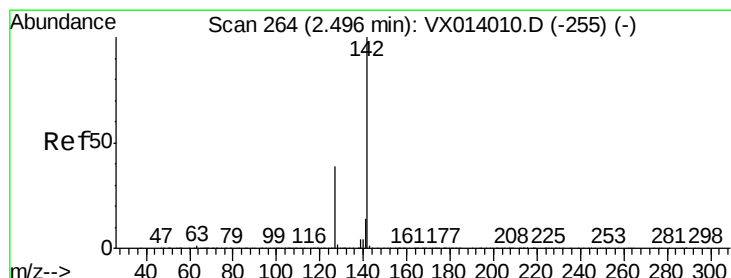
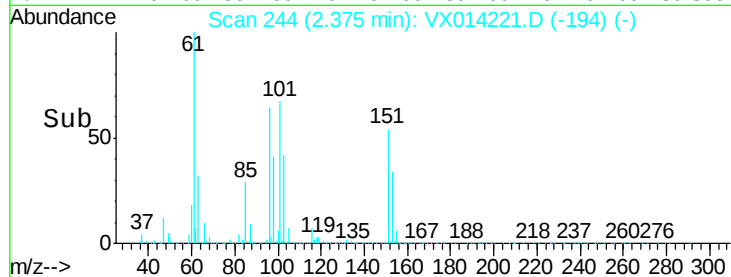
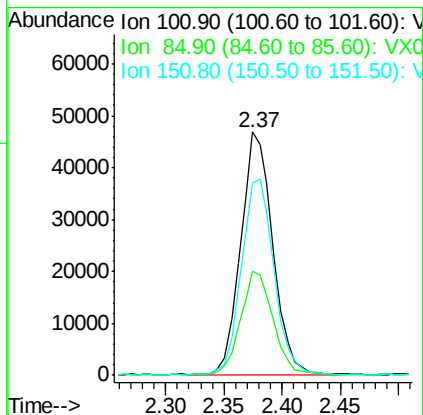
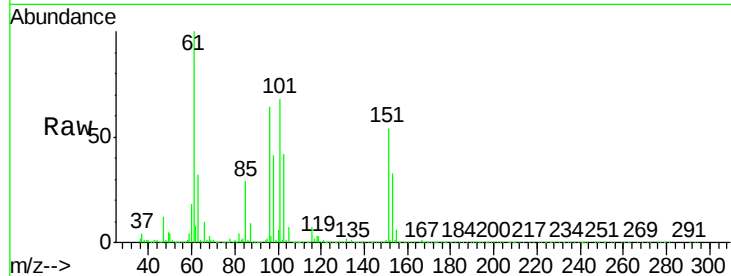
ClientSampleId :

VX1223MBS02

Tot Ion:	101	Resp:	90166
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	83.0	64.5	96.7

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#10

Methyl Iodide

Concen: 16.901 ug/l

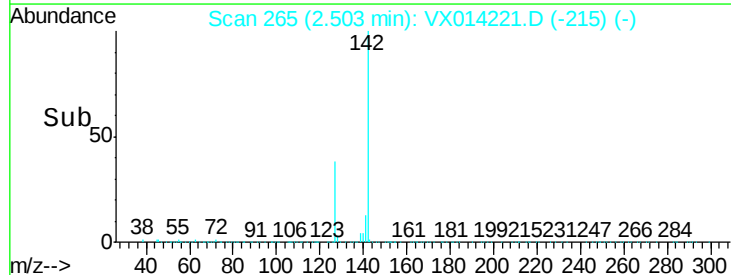
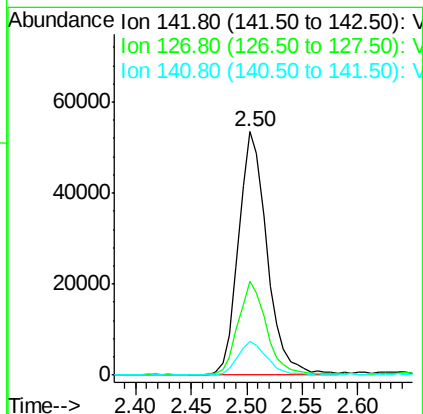
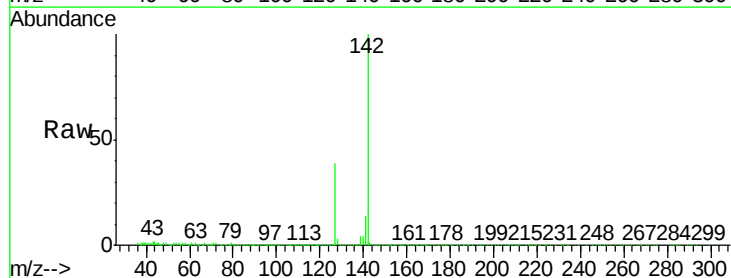
RT: 2.50 min Scan# 265

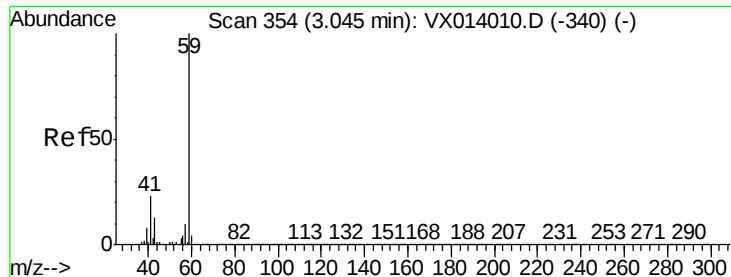
Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	142	Resp:	95682
Ion Ratio	Lower	Upper	
142	100		
127	37.9	31.6	47.4
141	13.9	11.6	17.4





#11

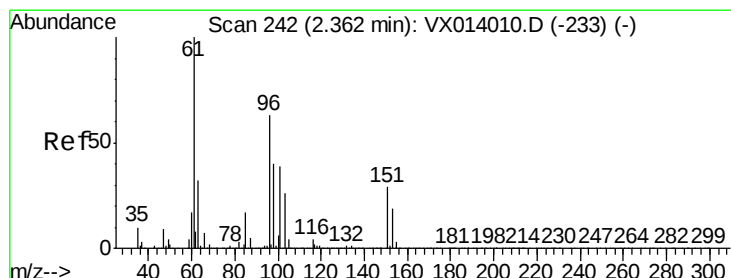
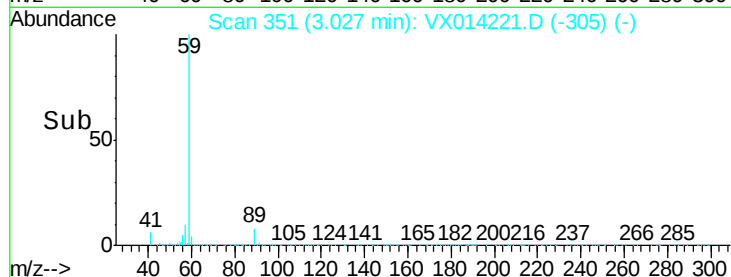
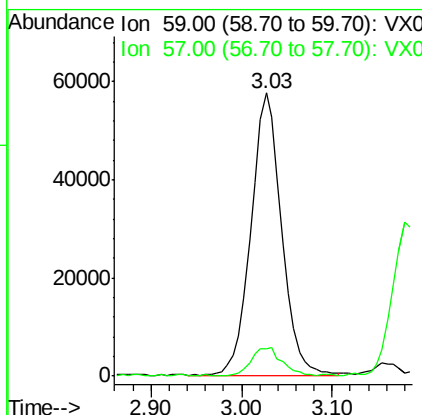
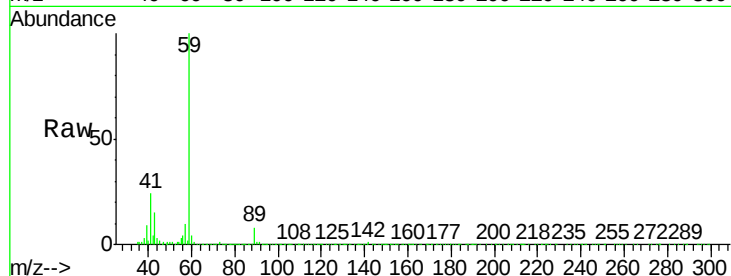
Tert butyl alcohol
Concen: 109.036 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

Manual Integrations
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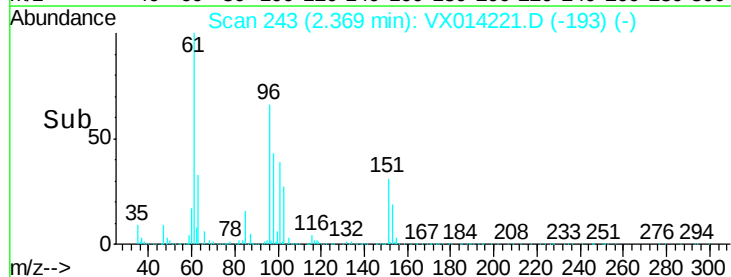
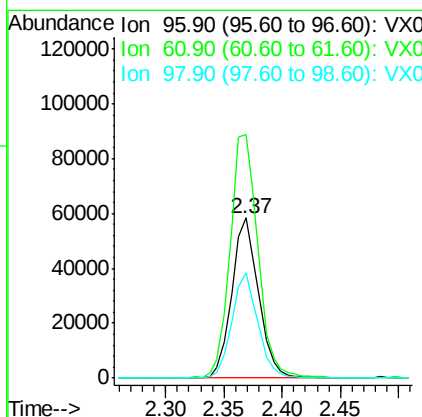
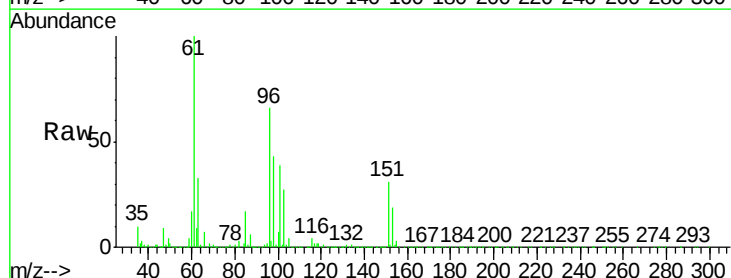
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#12

1,1-Dichloroethene
Concen: 18.922 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	127.9	191.9
98	65.9	50.5	75.7





#13

Acrolein

Concen: 89.048 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 56 Resp: 63575

Ion Ratio Lower Upper

56 100

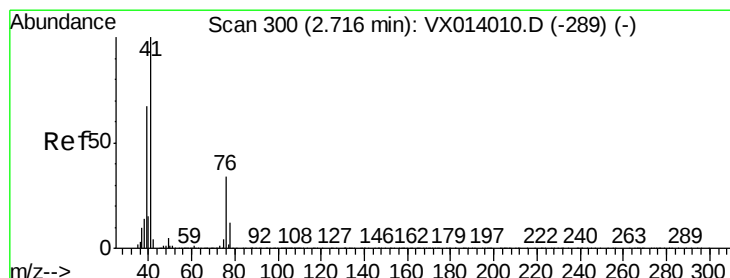
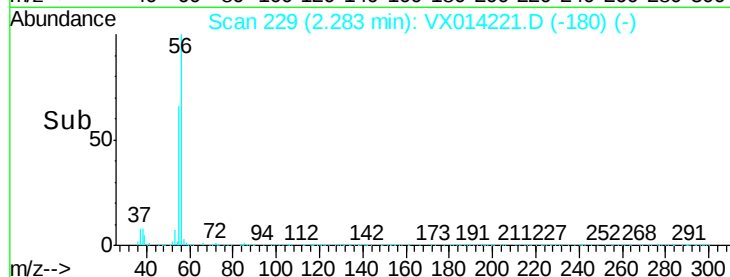
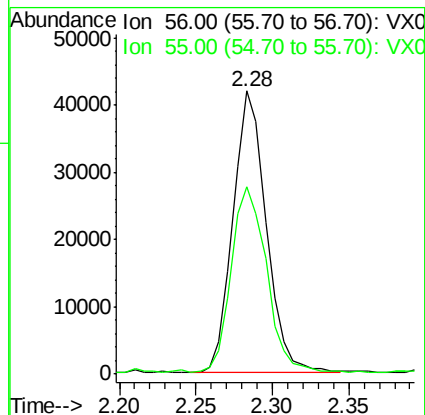
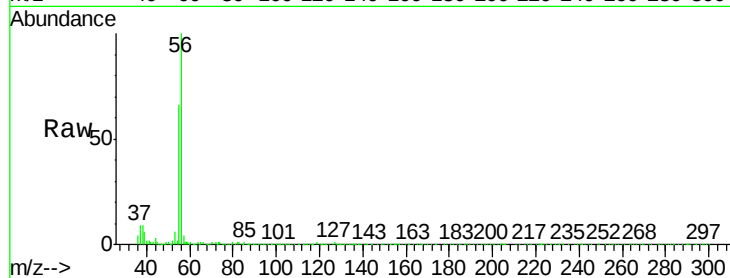
55 70.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 19.416 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

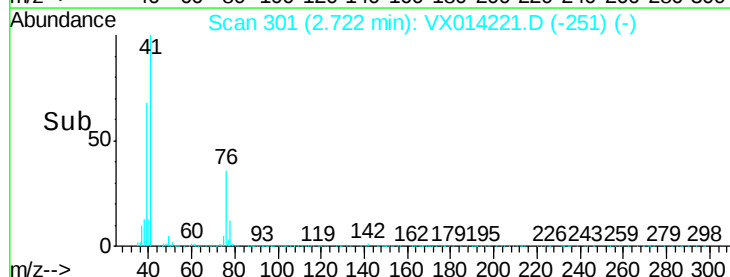
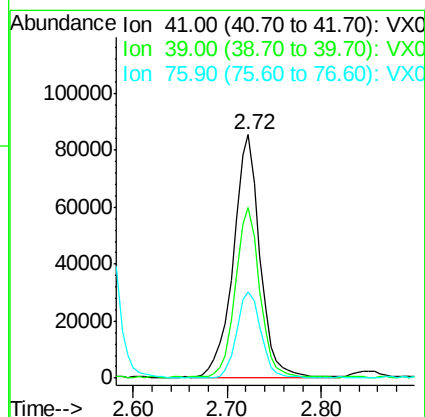
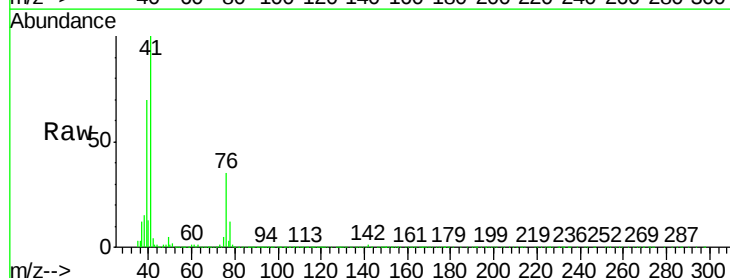
Tgt Ion: 41 Resp: 169834

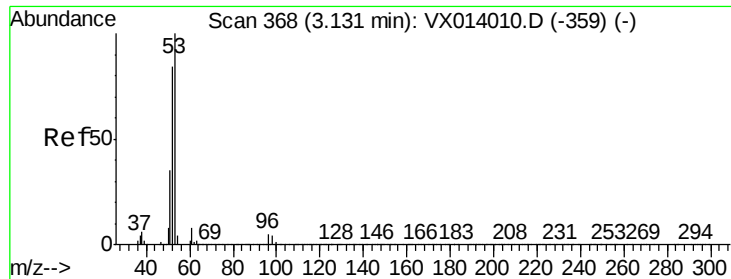
Ion Ratio Lower Upper

41 100

39 63.5 51.8 77.8

76 31.5 25.9 38.9





#15

Acrylonitrile

Concen: 102.066 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

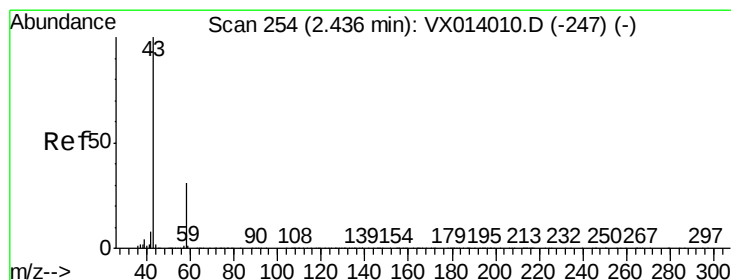
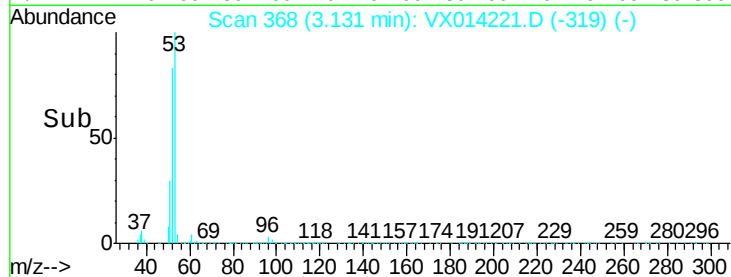
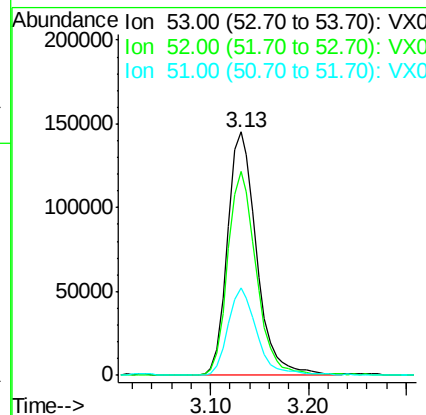
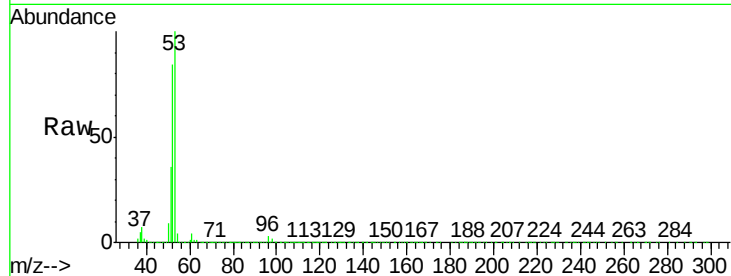
ClientSampleId :

VX1223MBS02

Tot Ion:	53	Resp:	297122
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.5	99.7
51	36.1	28.1	42.1

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#16

Acetone

Concen: 90.336 ug/l

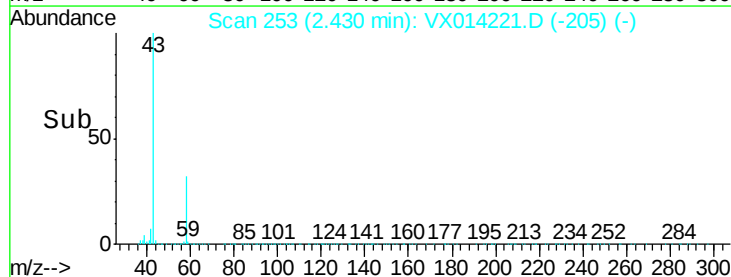
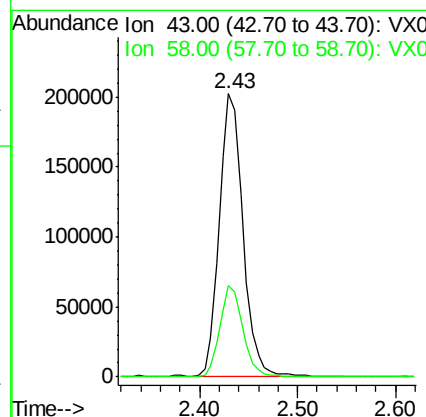
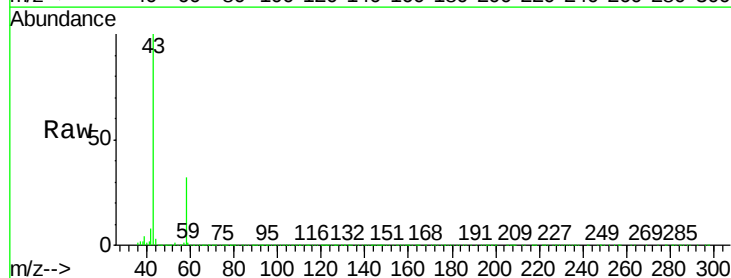
RT: 2.43 min Scan# 253

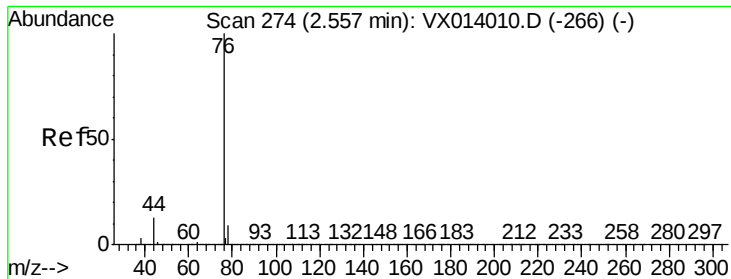
Delta R.T. -0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	43	Resp:	338517
Ion Ratio		Lower	Upper
43	100		
58	32.1	24.9	37.3





#17

Carbon Disulfide

Concen: 17.798 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBSD02

Tot Ion: 76 Resp: 235394

Ion Ratio Lower Upper

76 100

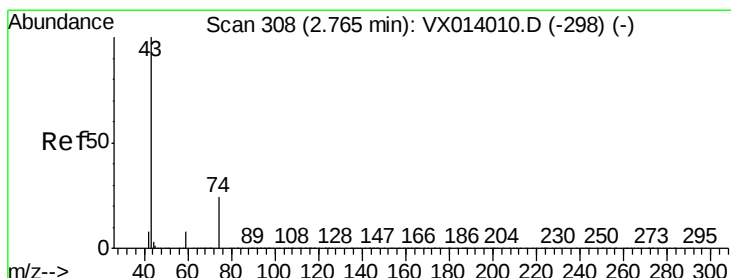
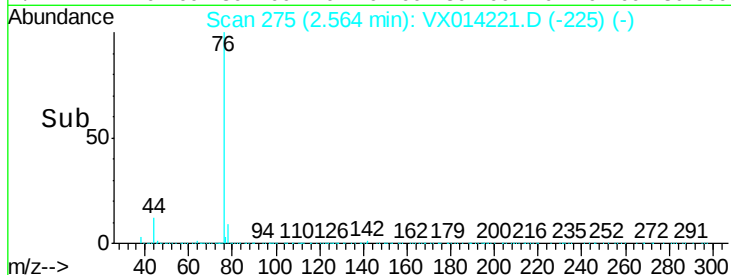
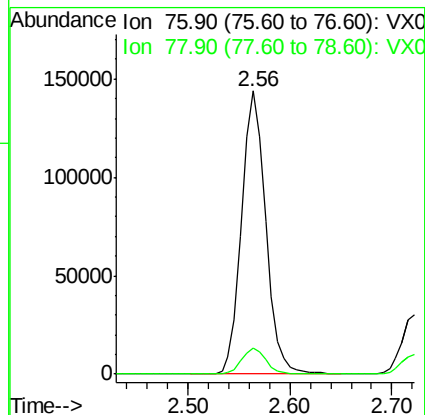
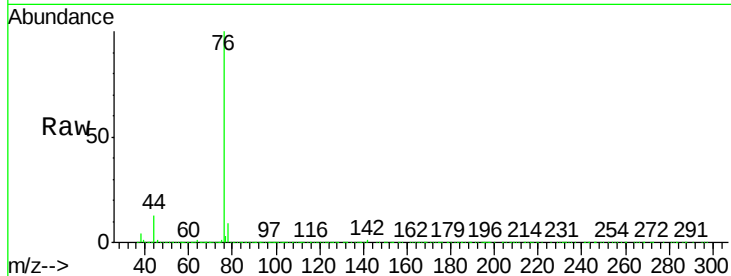
78 8.9 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 21.320 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014221.D

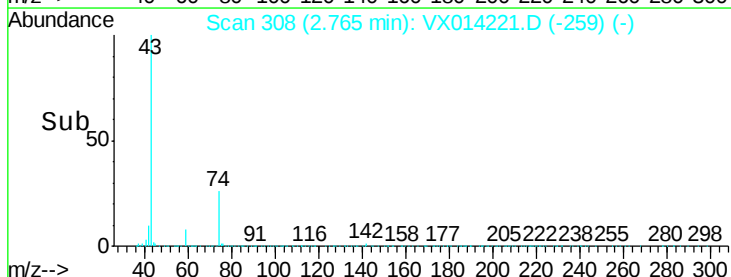
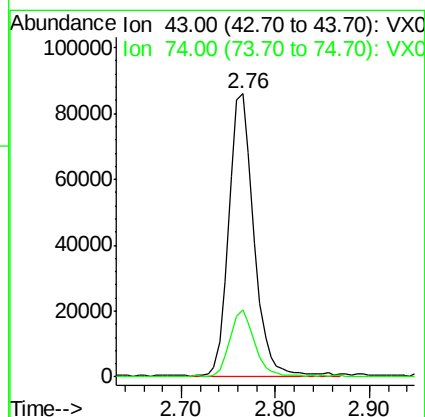
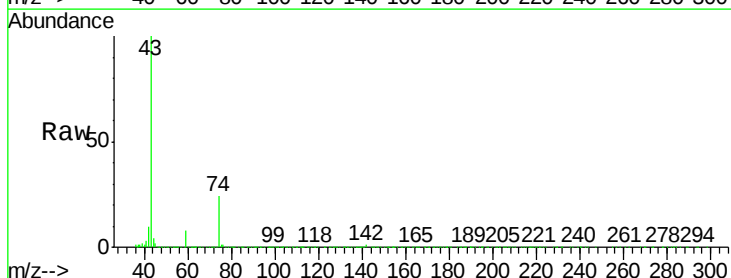
Acq: 23 Dec 2019 23:45

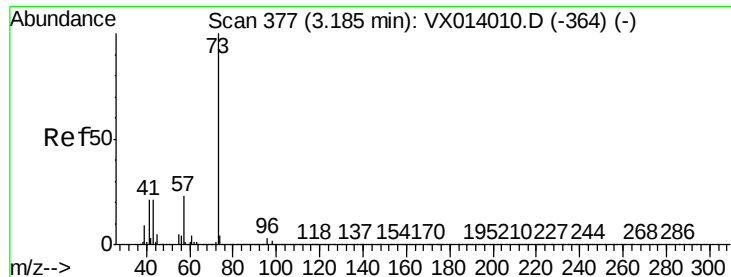
Tgt Ion: 43 Resp: 158307

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3





#19

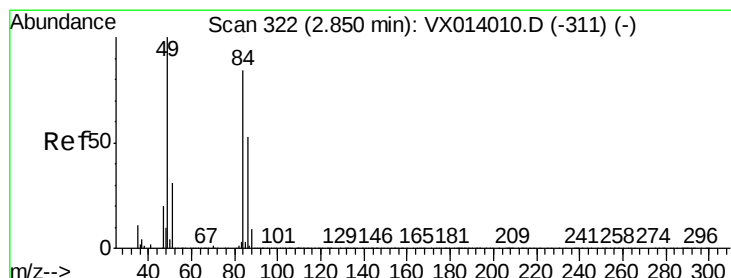
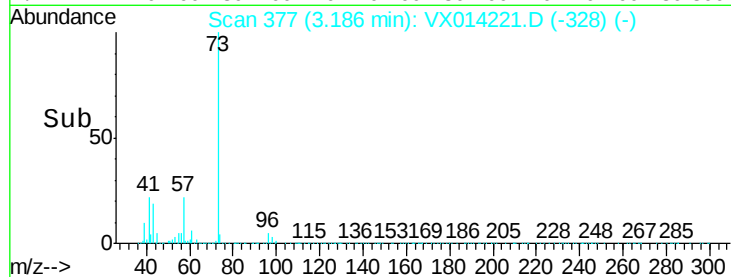
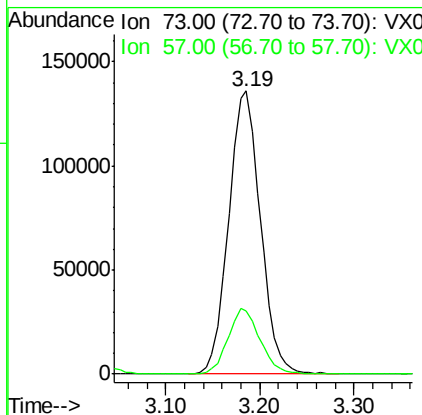
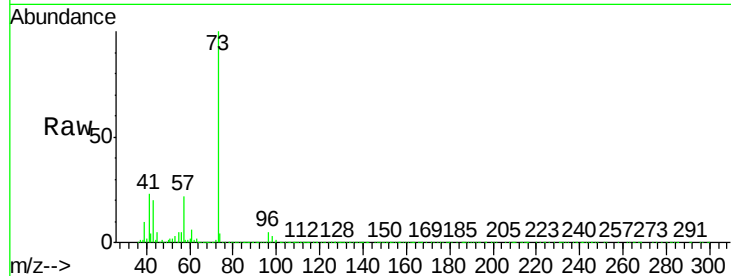
Methyl tert-butyl Ether
 Concen: 19.718 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

Manual Integrations
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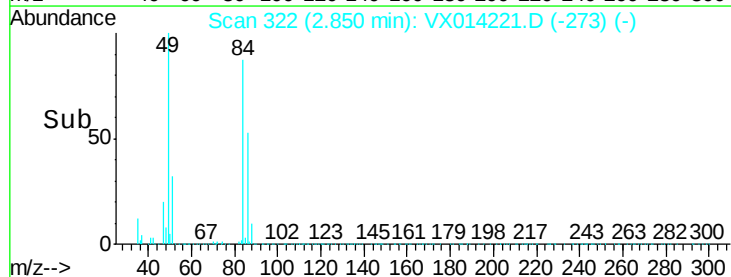
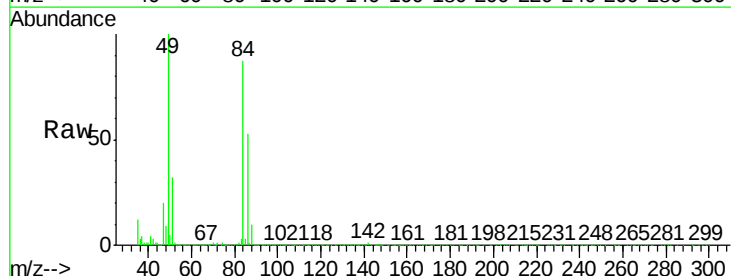
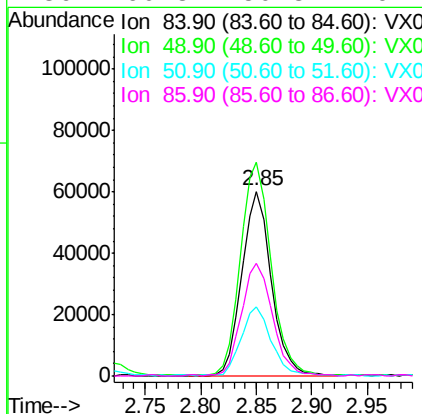
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#20

Methylene Chloride
 Concen: 18.648 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	95.8	143.6
51	36.9	29.8	44.8
86	60.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.616 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 96 Resp: 100473

Ion Ratio Lower Upper

96 100

61 136.7 108.3 162.5

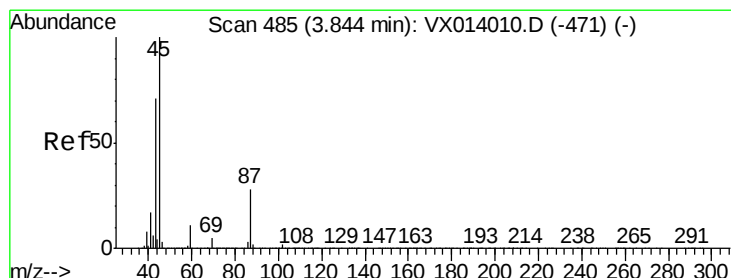
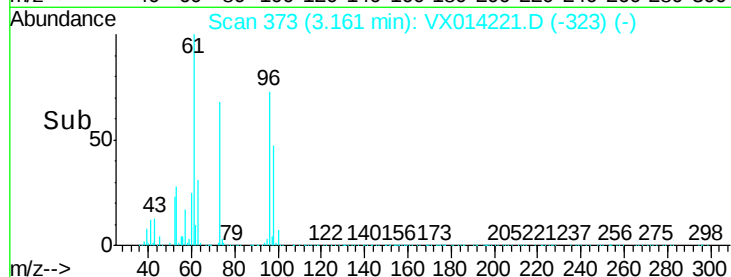
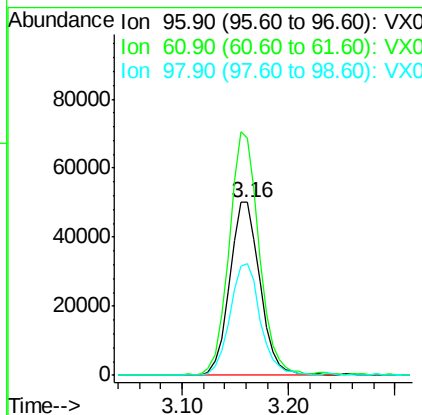
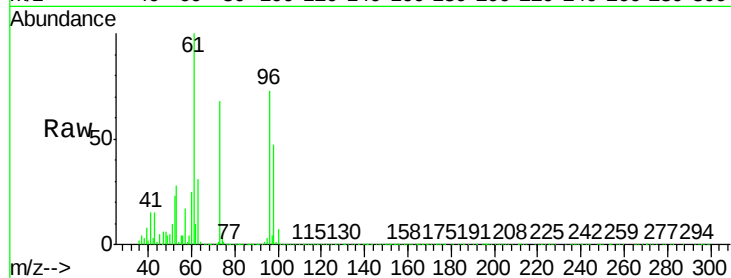
98 64.4 50.8 76.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.893 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion: 45 Resp: 346748

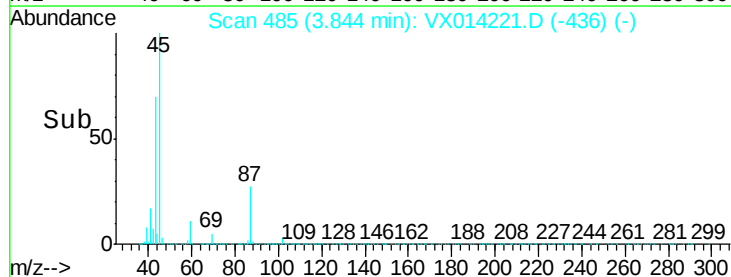
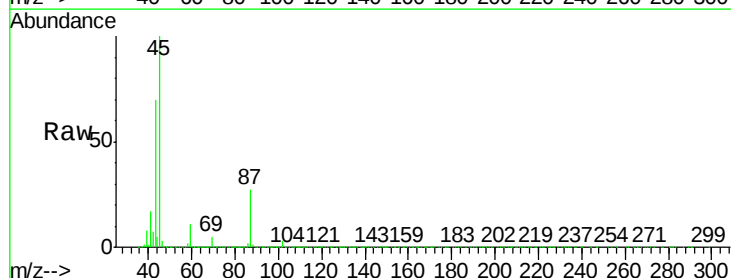
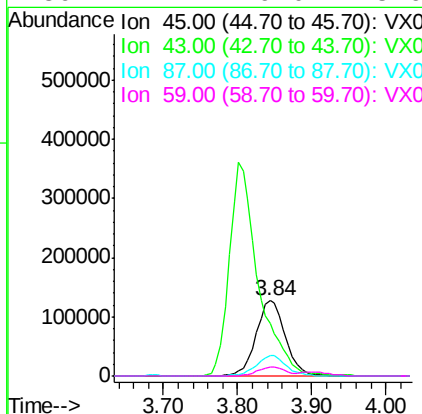
Ion Ratio Lower Upper

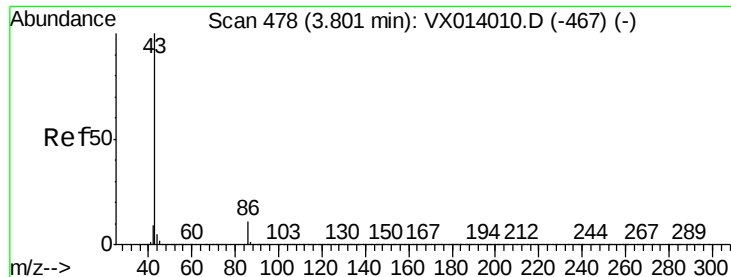
45 100

43 69.5 57.4 86.0

87 27.2 21.9 32.9

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 69.153 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 43 Resp: 983667

Ion Ratio Lower Upper

43 100

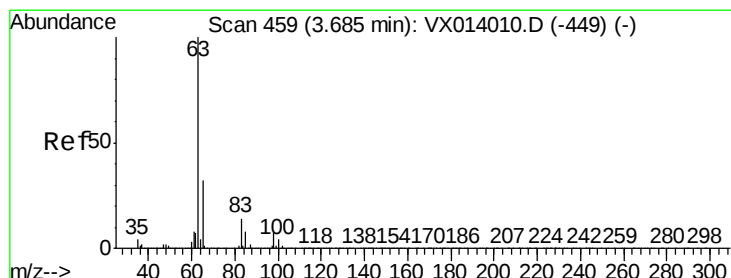
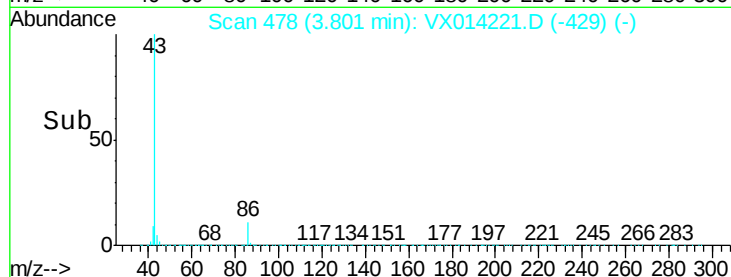
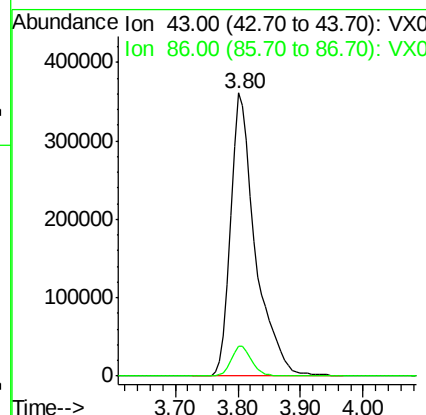
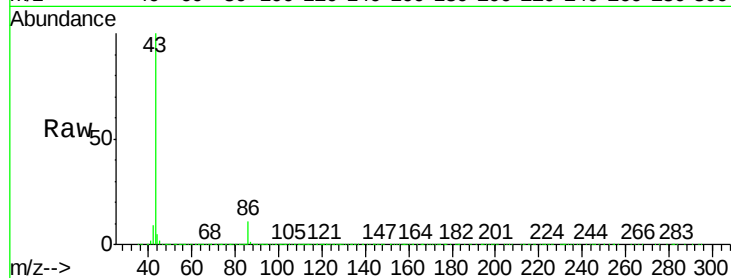
86 10.7 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.193 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

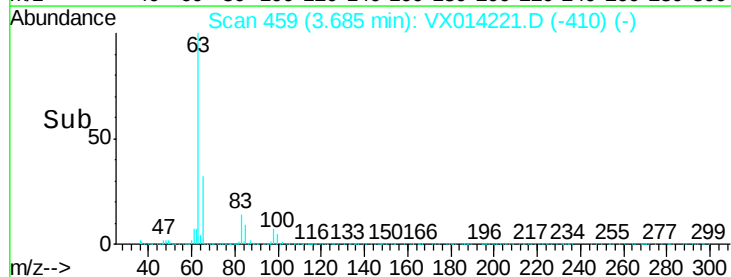
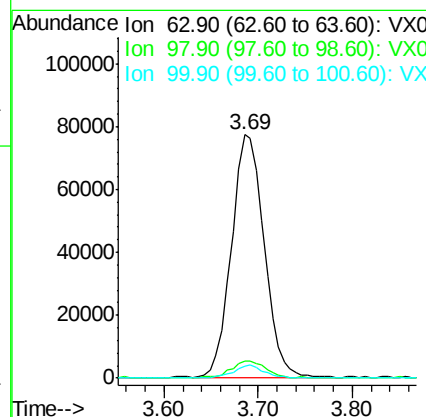
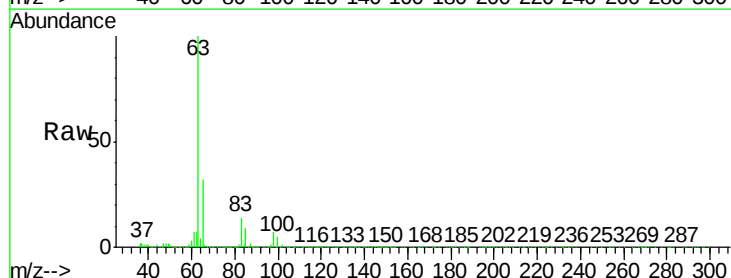
Tgt Ion: 63 Resp: 186127

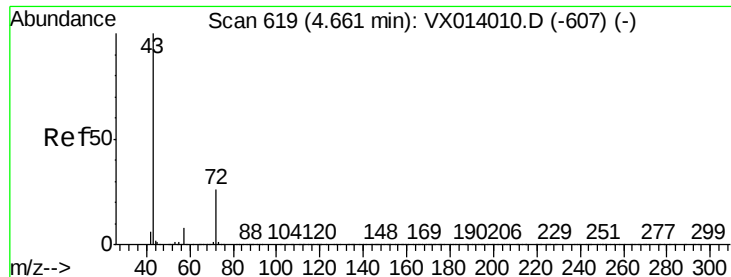
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 96.952 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tot Ion: 43 Resp: 447915

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

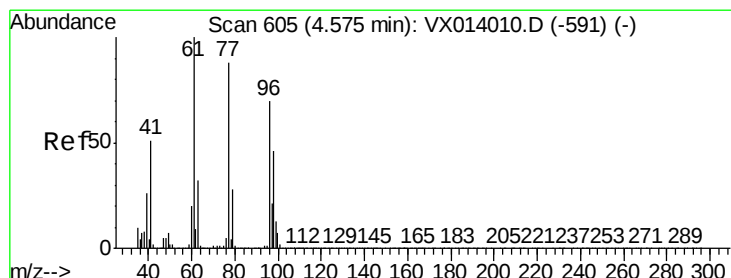
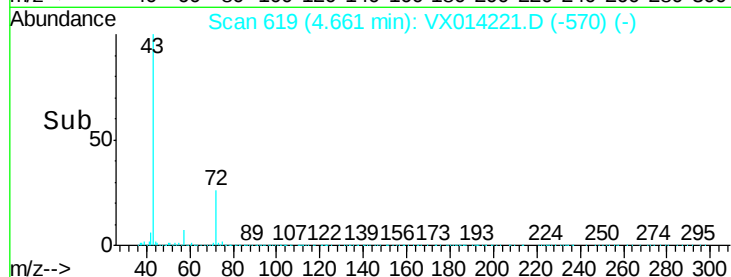
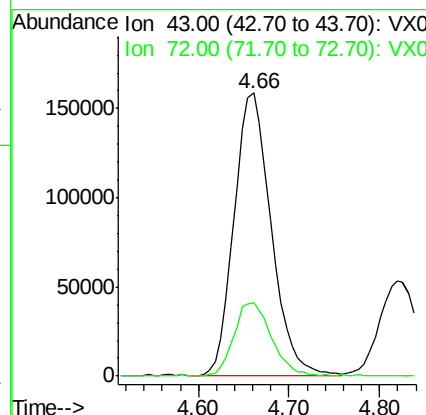
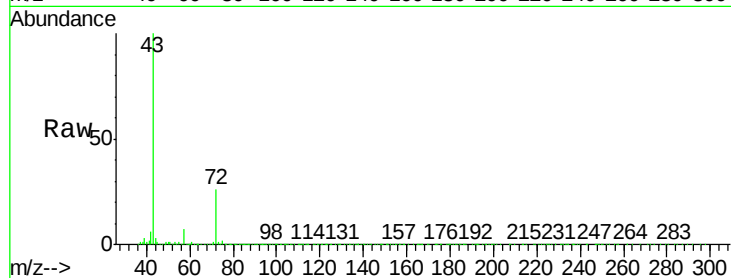
VX1223MBS02

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#26

2,2-Dichloropropane

Concen: 16.622 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014221.D

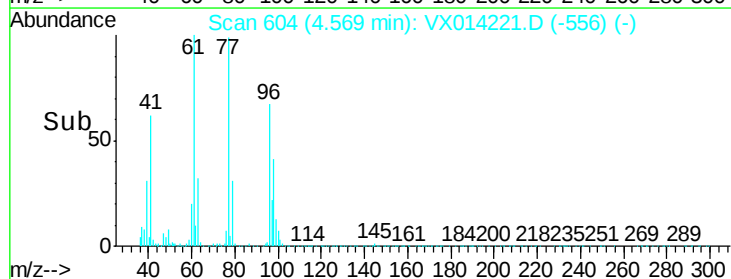
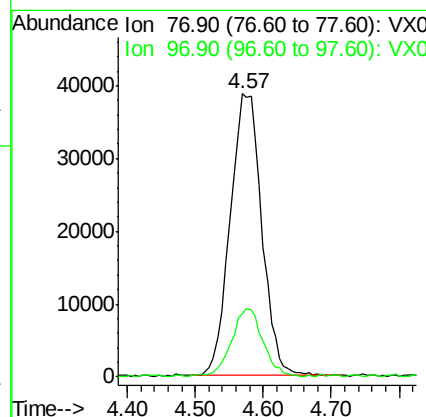
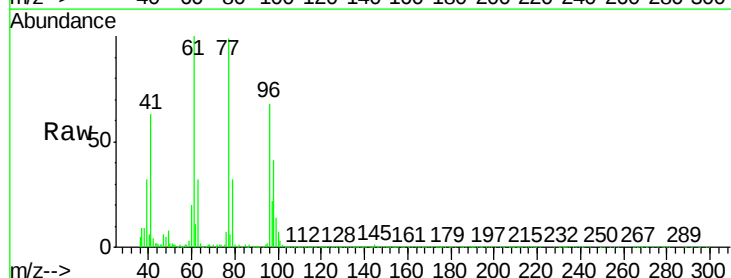
Acq: 23 Dec 2019 23:45

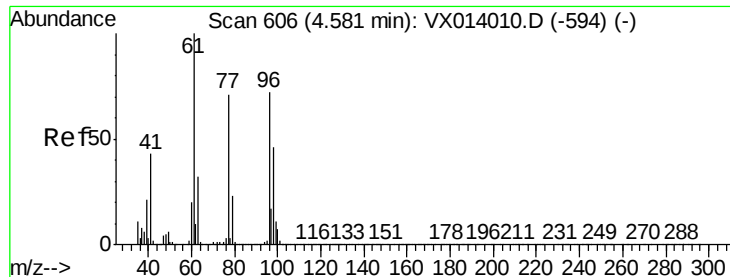
Tgt Ion: 77 Resp: 125151

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

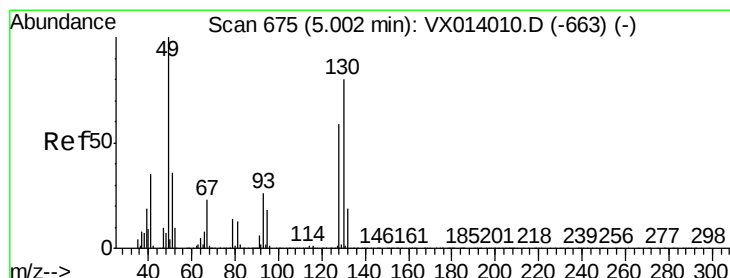
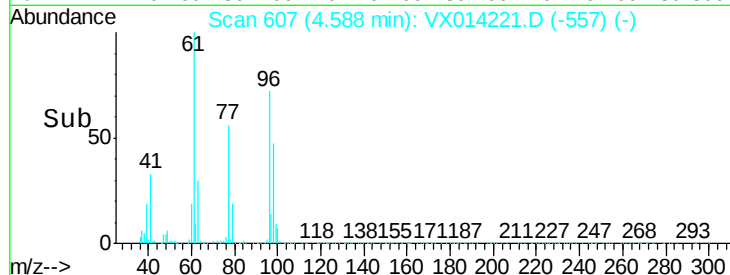
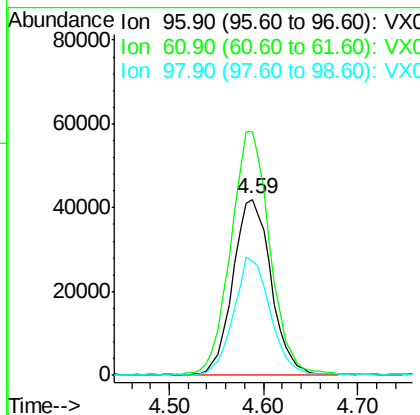
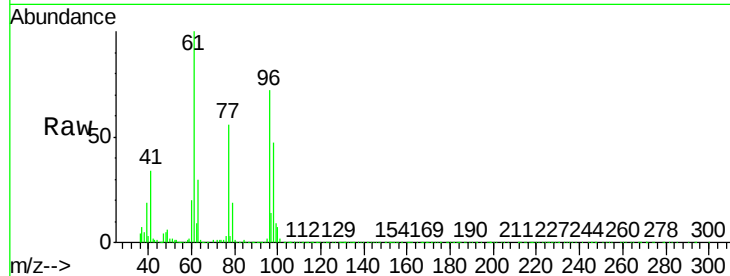
cis-1,2-Dichloroethene
Concen: 19.475 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	118874		
61	142.7	0.0	288.4	
98	63.5	0.0	129.6	

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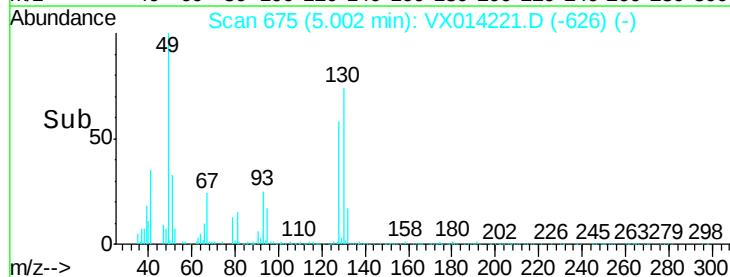
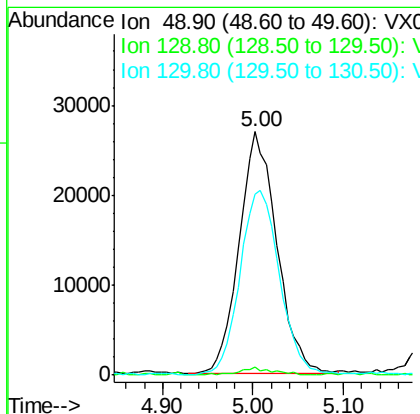
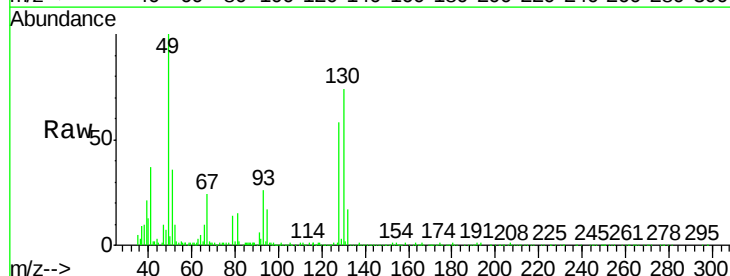
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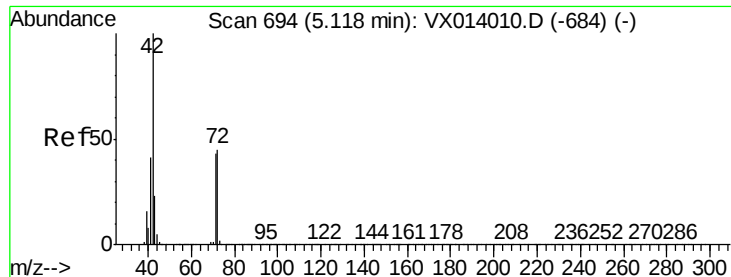


#28

Bromochloromethane
Concen: 21.047 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77508		
129	2.9	0.0	5.0	
130	80.5	64.6	97.0	





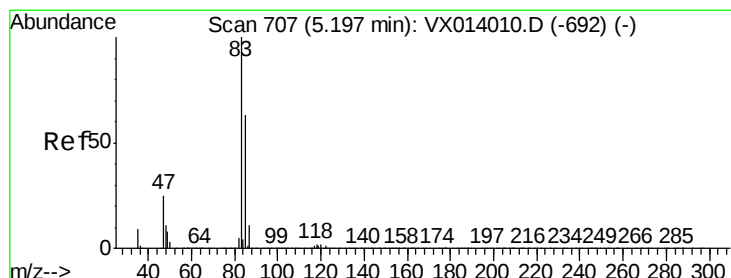
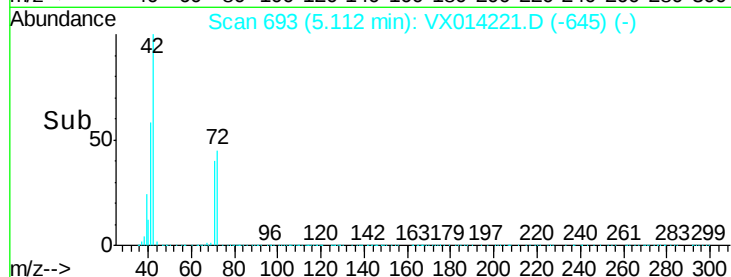
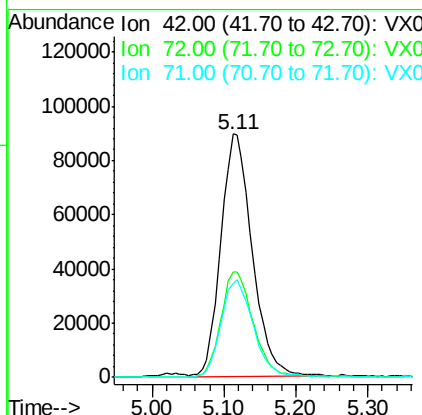
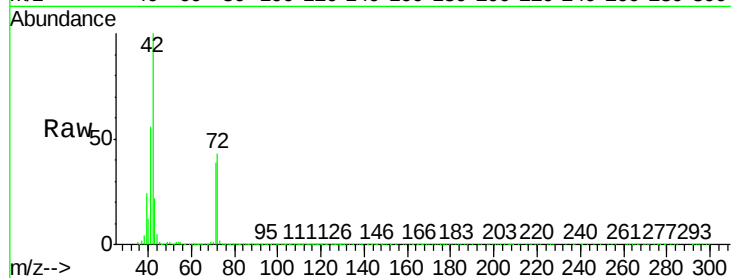
#29
Tetrahydrofuran
Concen: 105.221 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion:	42	Resp:	271900
Ion Ratio		Lower	Upper
42	100		
72	44.3	35.8	53.8
71	41.0	33.6	50.4

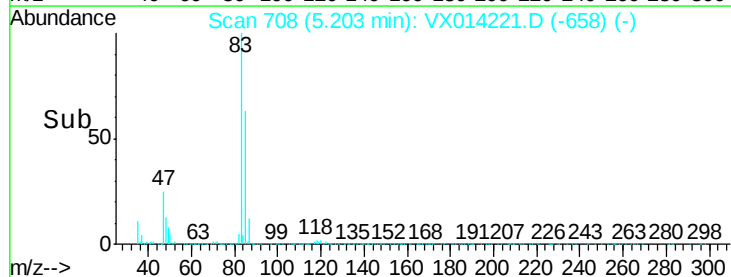
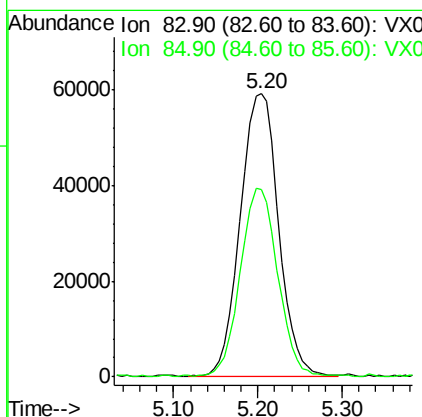
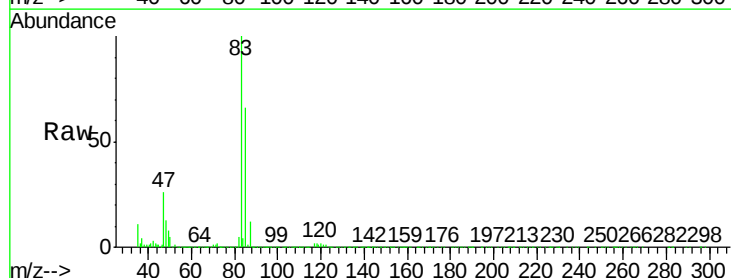
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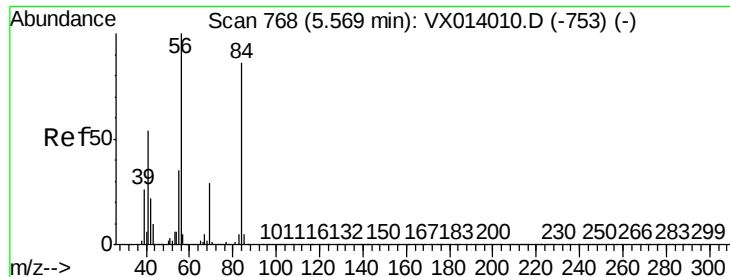
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#30
Chloroform
Concen: 19.831 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion:	83	Resp:	182312
Ion Ratio		Lower	Upper
83	100		
85	65.8	50.8	76.2





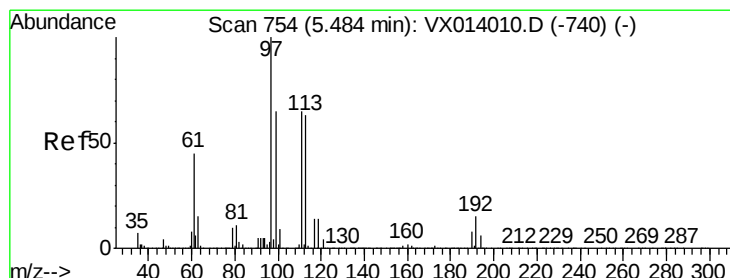
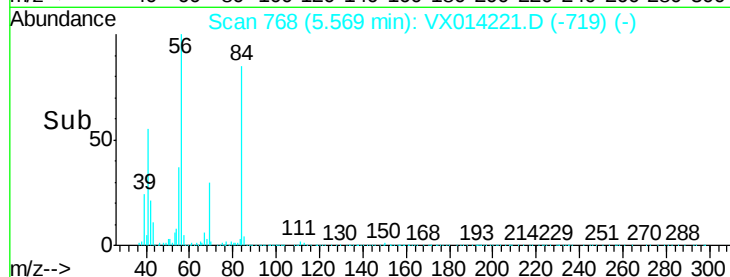
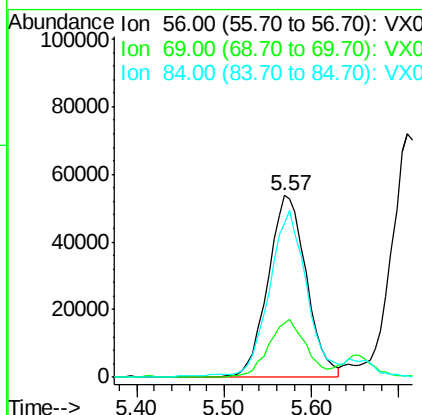
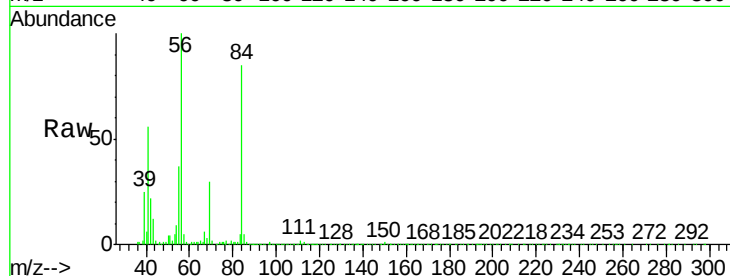
#31
Cyclohexane
Concen: 19.064 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.2	34.8
84	84.3	69.2	103.8

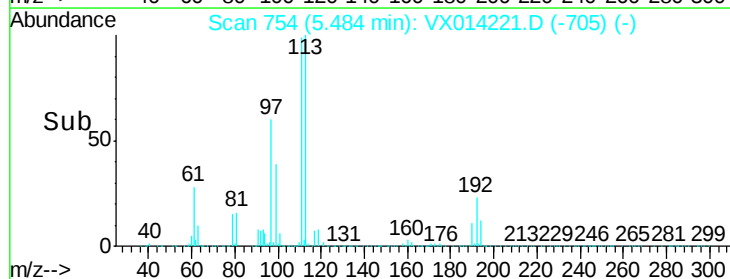
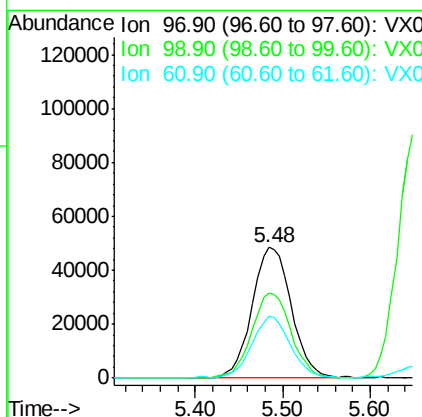
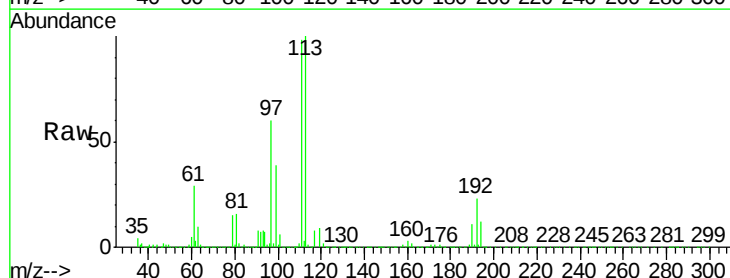
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#32
1,1,1-Trichloroethane
Concen: 19.376 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	45.3	36.7	55.1





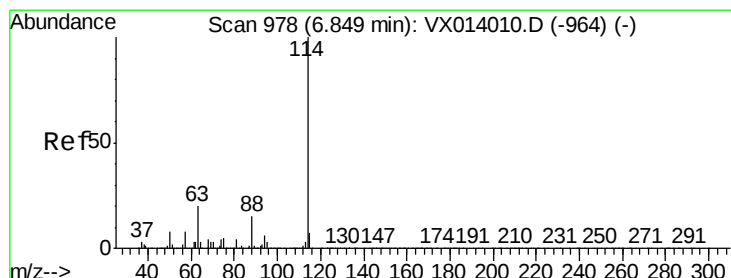
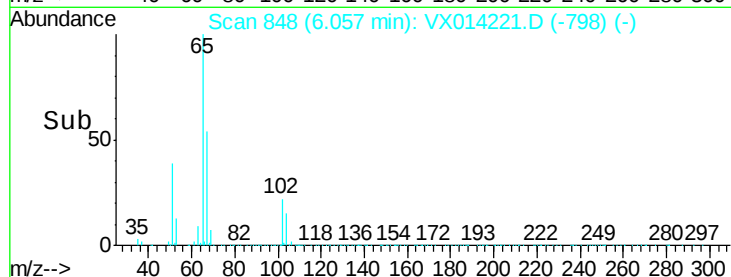
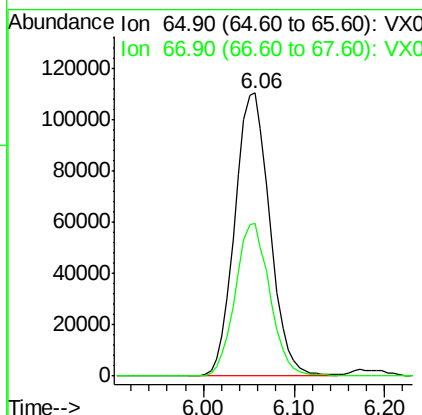
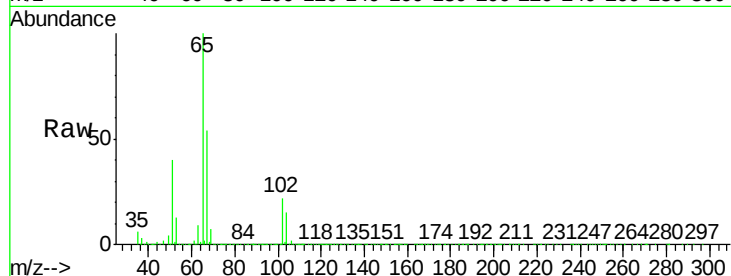
#33
 1,2-Dichloroethane-d4
 Concen: 51.087 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.4

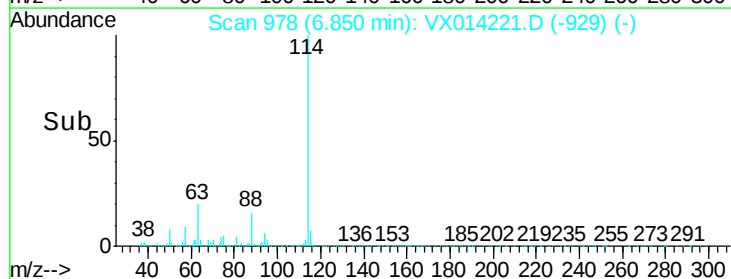
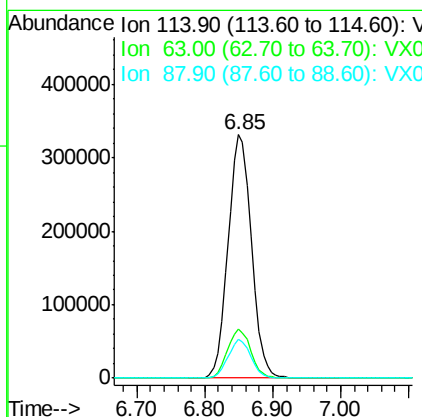
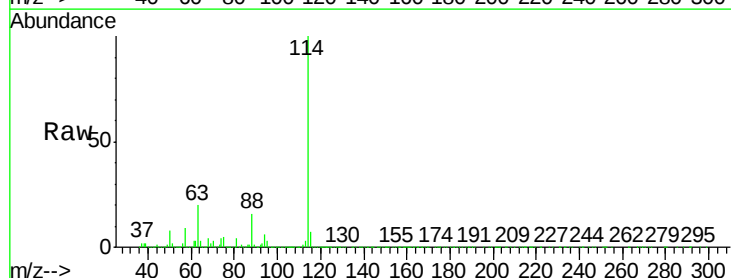
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	16.1	0.0	30.4





#35

Dibromofluoromethane

Concen: 50.206 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

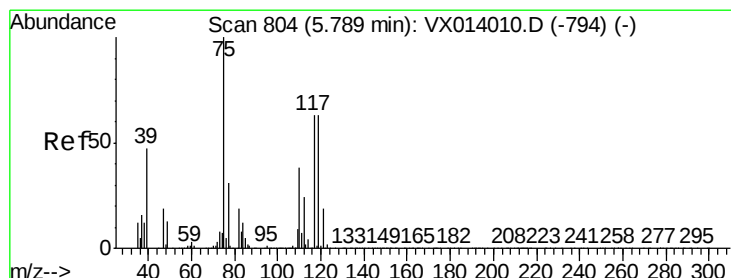
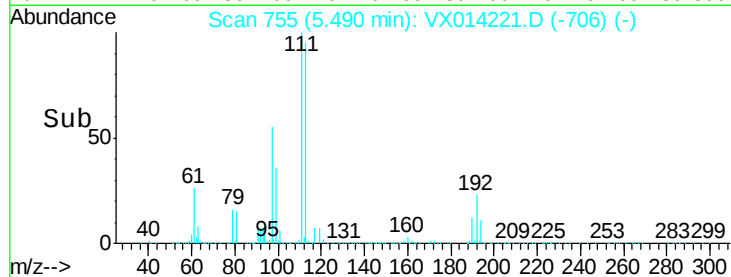
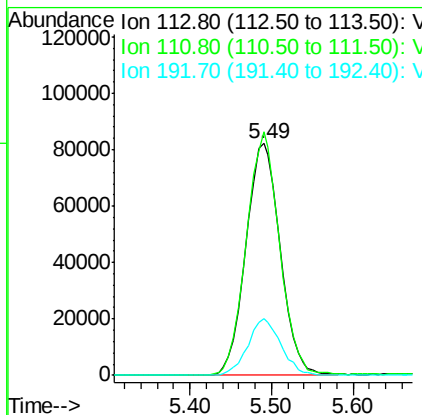
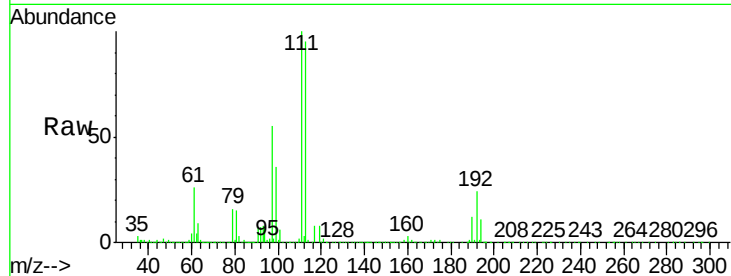
ClientSampleId :

VX1223MBS02

Tot Ion:	113	Resp:	240768
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.0	123.0
192	23.7	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 18.421 ug/l

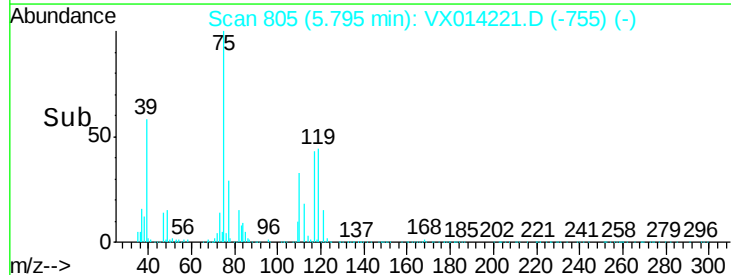
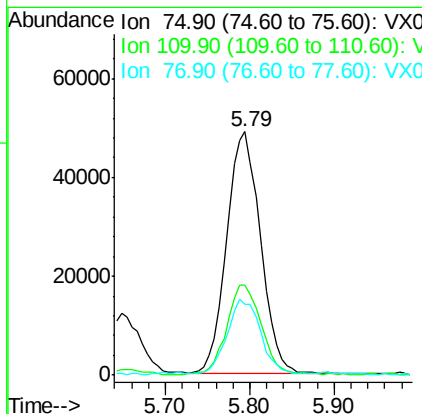
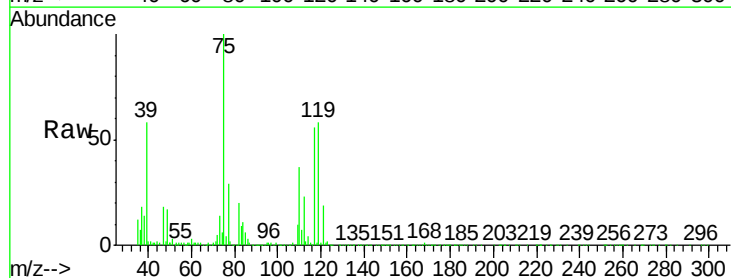
RT: 5.79 min Scan# 805

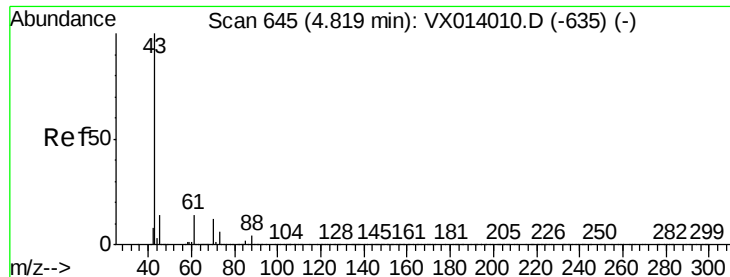
Delta R.T. 0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	75	Resp:	133338
Ion Ratio	Lower	Upper	
75	100		
110	38.2	18.3	54.9
77	30.1	24.8	37.2





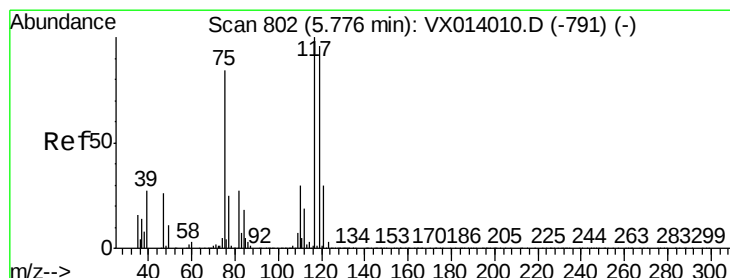
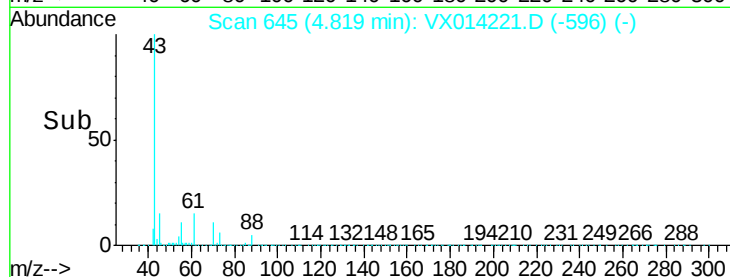
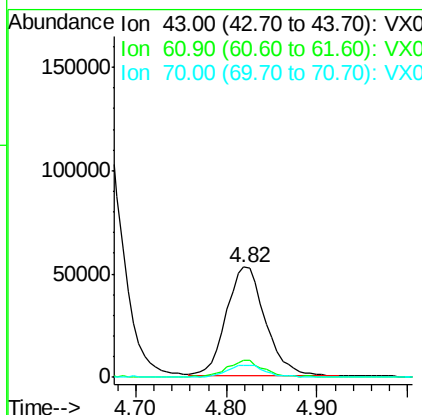
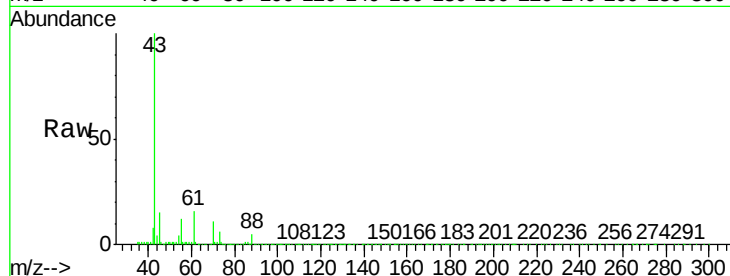
#37
Ethyl Acetate
Concen: 19.934 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	43	Resp	159340
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.8	16.2
70	11.7	8.6	12.8

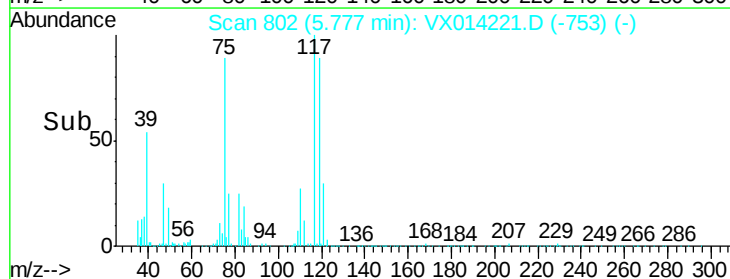
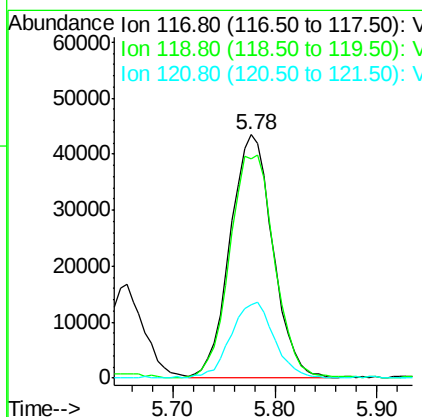
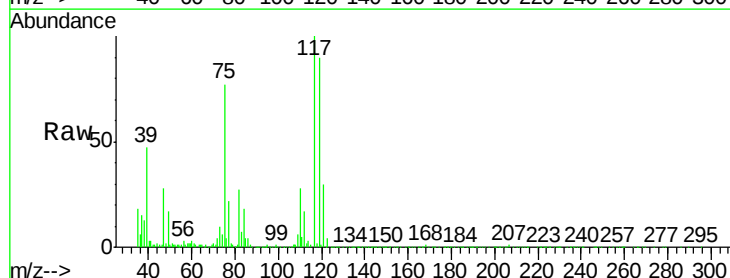
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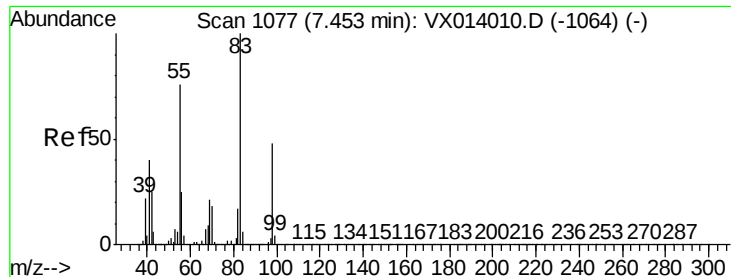
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#38
Carbon Tetrachloride
Concen: 19.004 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	117	Resp	125318
Ion Ratio	Lower	Upper	
117	100		
119	89.4	76.2	114.4
121	30.3	23.6	35.4





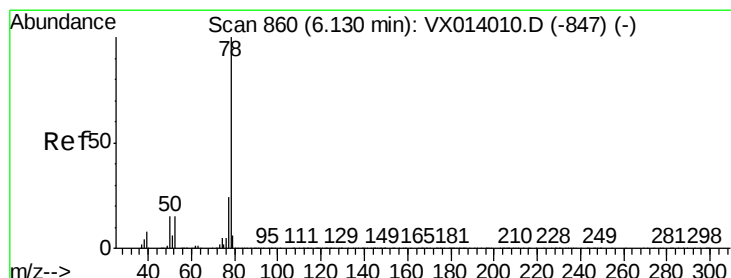
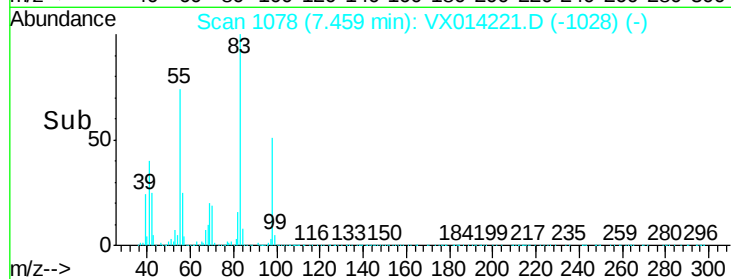
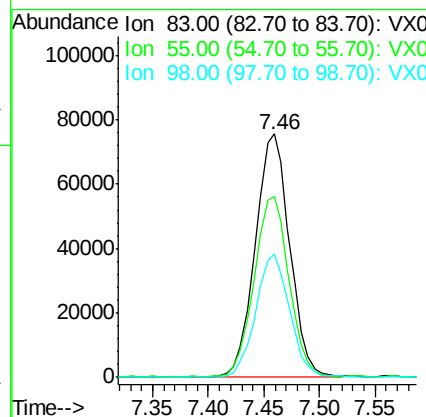
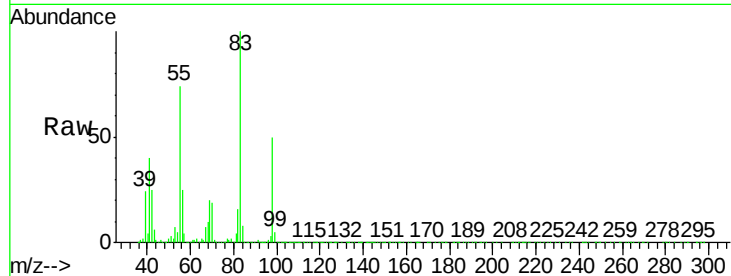
#39
Methvlcvclohexane
Concen: 18.298 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	61.0	91.6
98	50.2	38.6	57.8

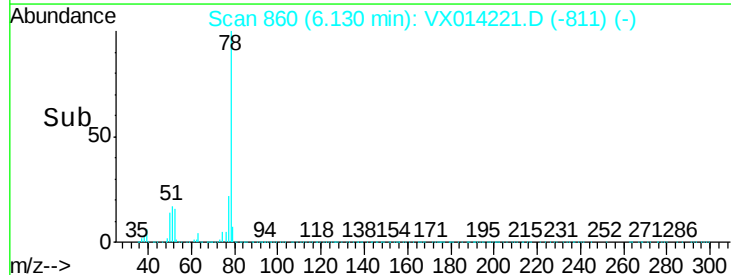
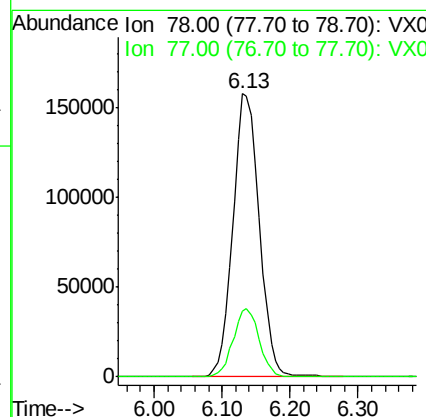
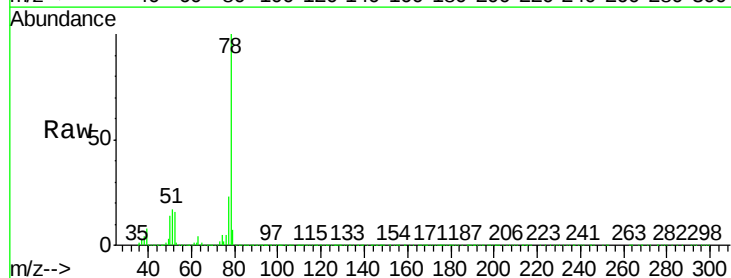
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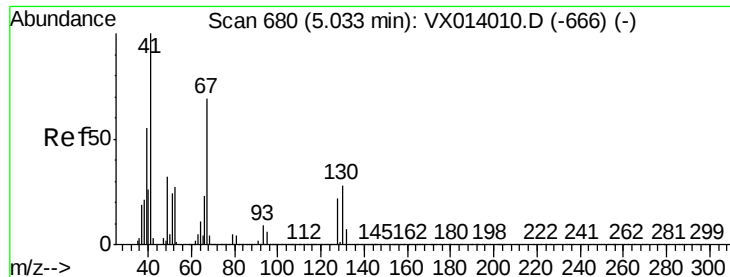
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#40
Benzene
Concen: 19.100 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2





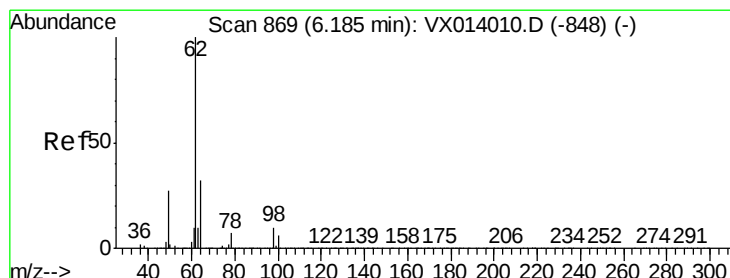
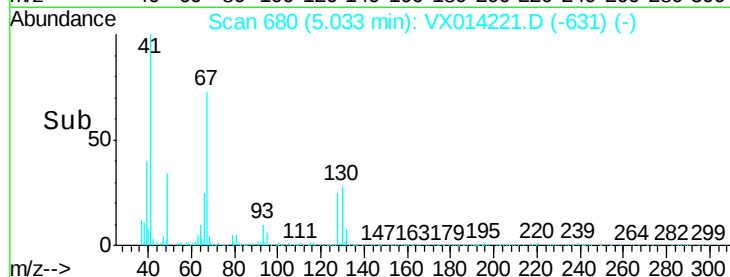
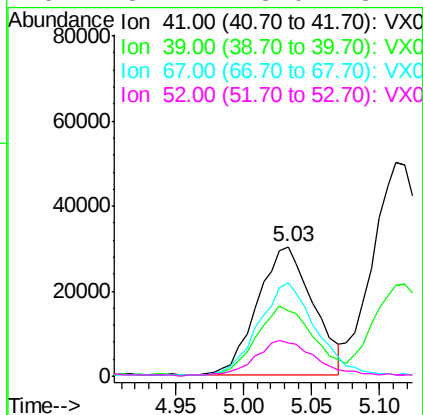
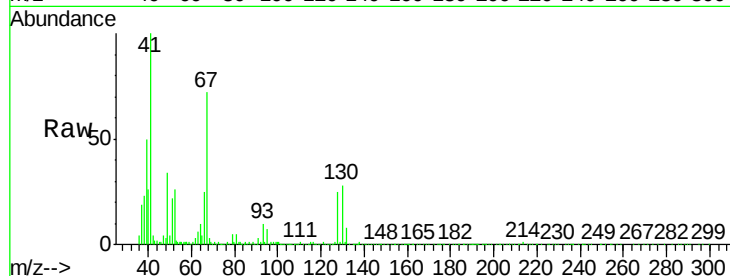
#41
Methacrylonitrile
Concen: 19.673 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	73.6	57.4	86.0
52	31.4	23.0	34.4

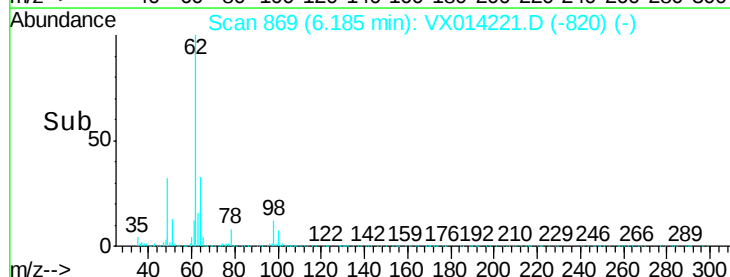
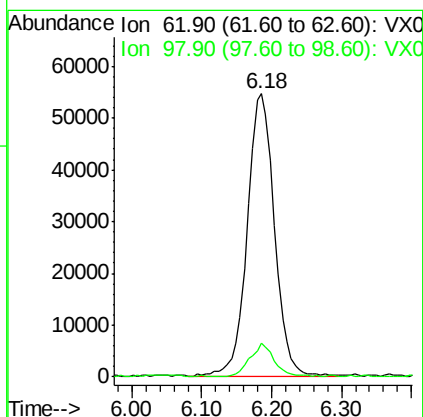
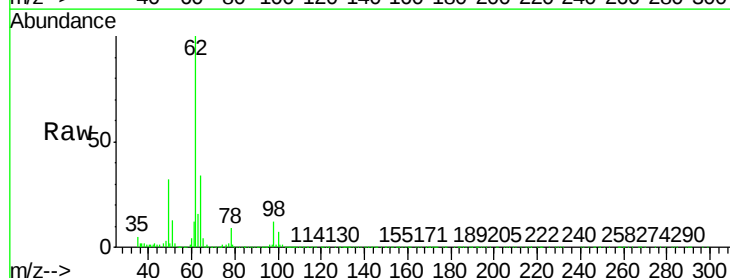
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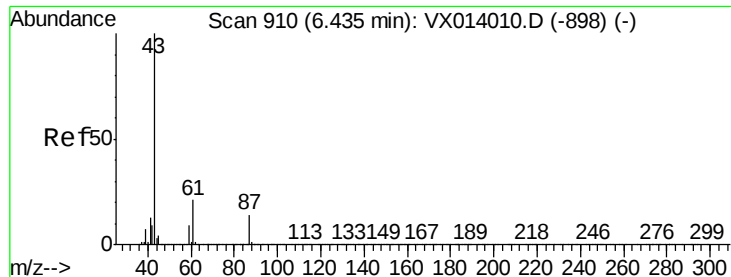
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#42
1,2-Dichloroethane
Concen: 19.441 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

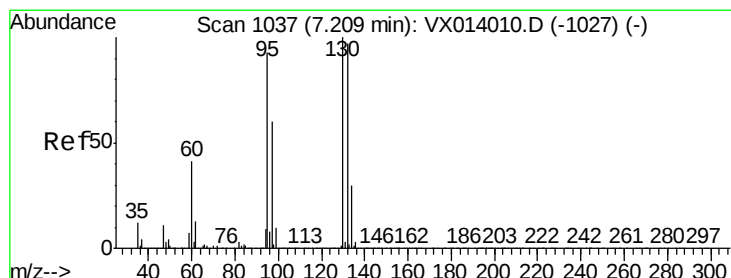
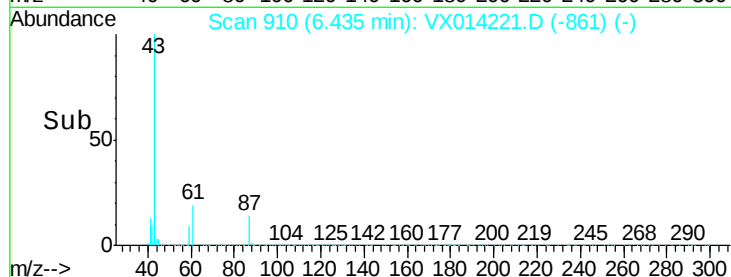
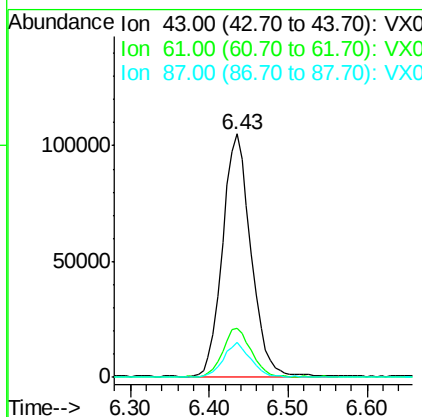
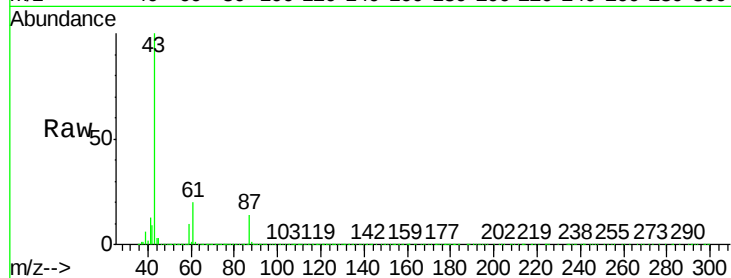
Isopropyl Acetate
 Concen: 19.893 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.4	24.6
87	13.9	10.7	16.1

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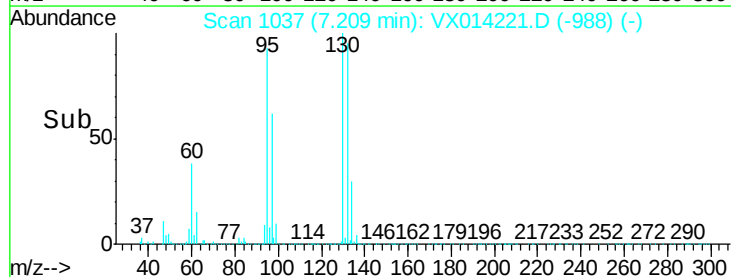
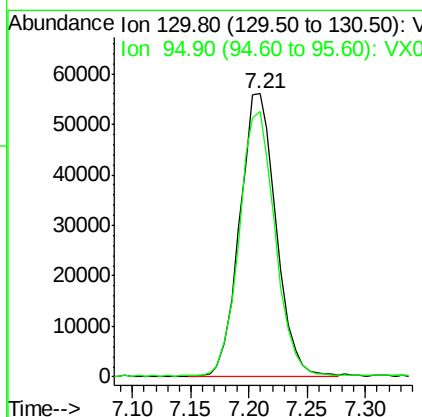
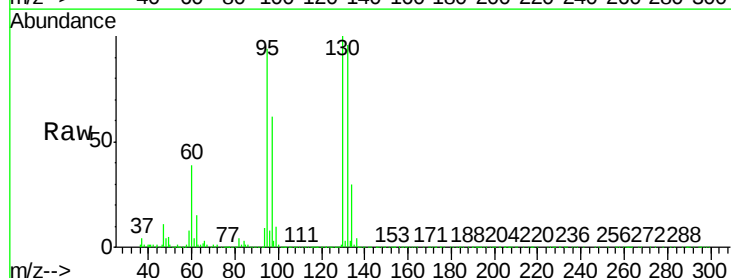
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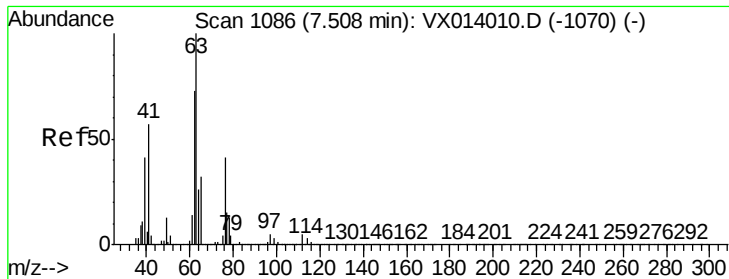


#44

Trichloroethene
 Concen: 19.817 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.705 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 63 Resp: 112490

Ion Ratio Lower Upper

63 100

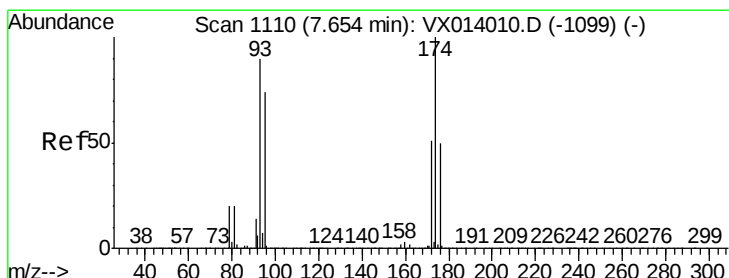
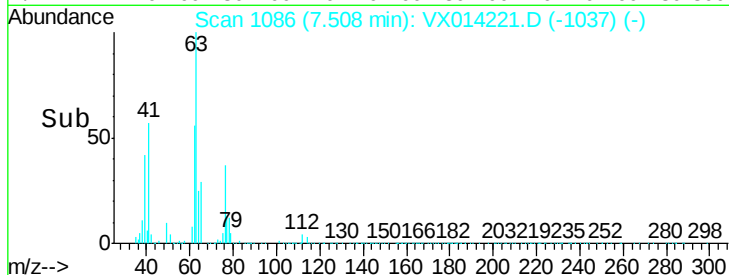
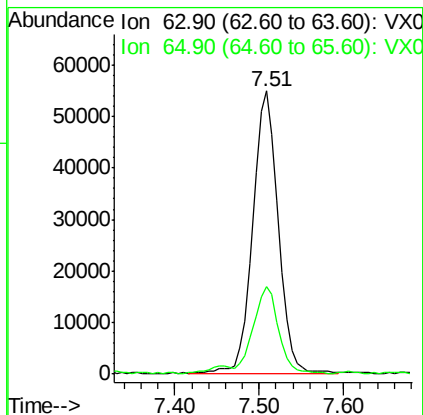
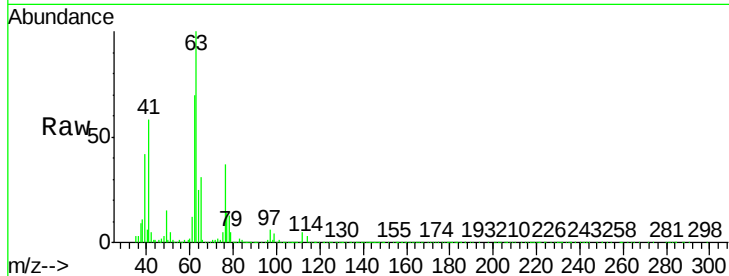
65 30.3 25.8 38.8

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#46

Dibromomethane

Concen: 19.120 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

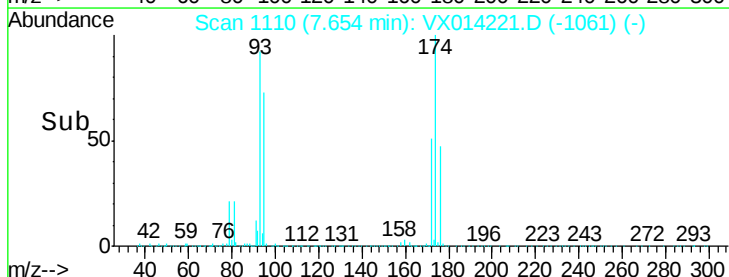
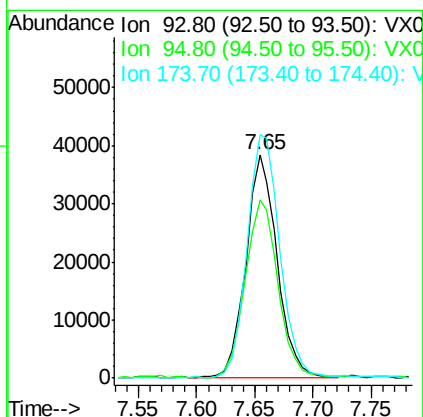
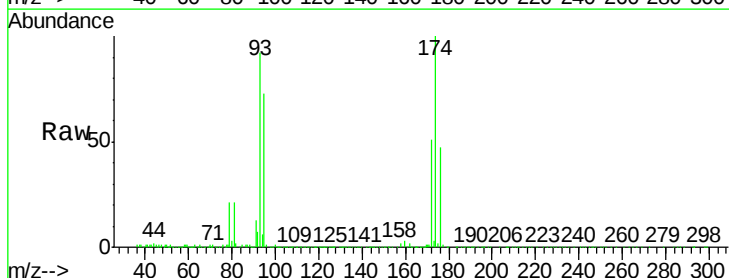
Tgt Ion: 93 Resp: 72164

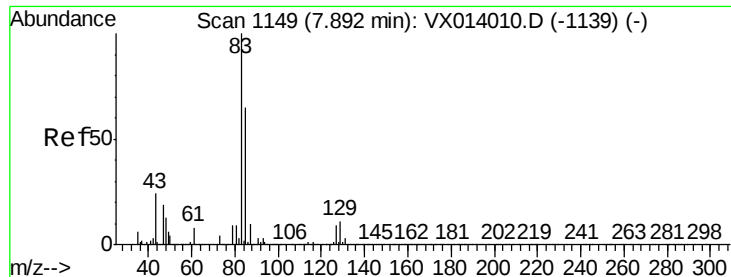
Ion Ratio Lower Upper

93 100

95 82.7 67.3 100.9

174 113.1 91.6 137.4





#47

Bromodichloromethane

Concen: 19.475 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

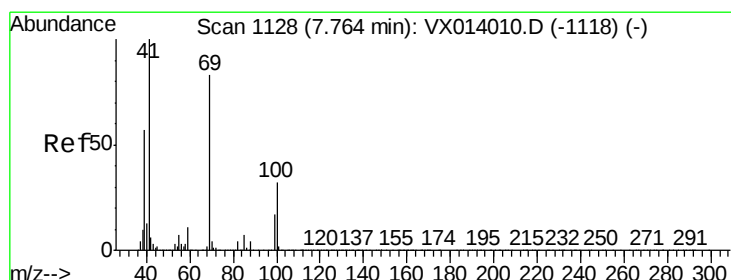
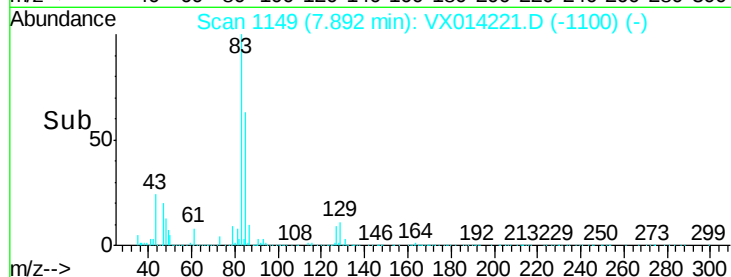
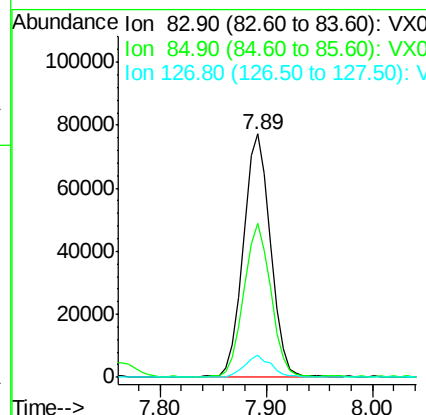
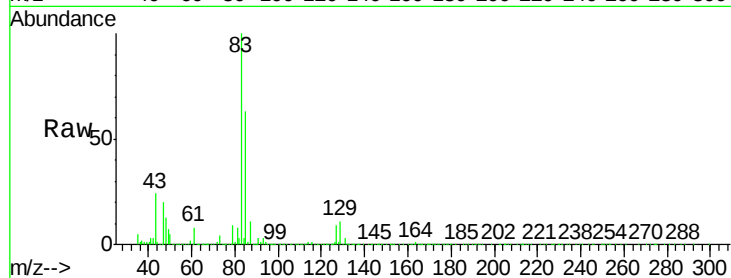
ClientSampleId :

VX1223MBS02

Tot Ion	83	Resp	138433
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.8	77.8
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.608 ug/l

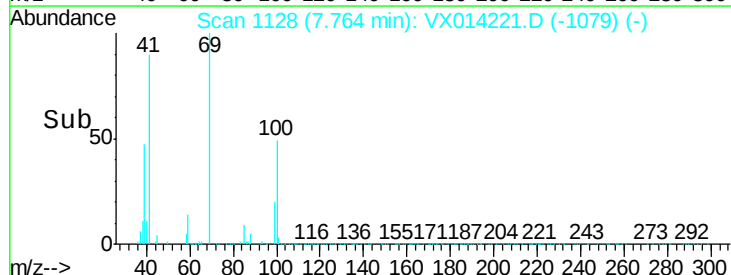
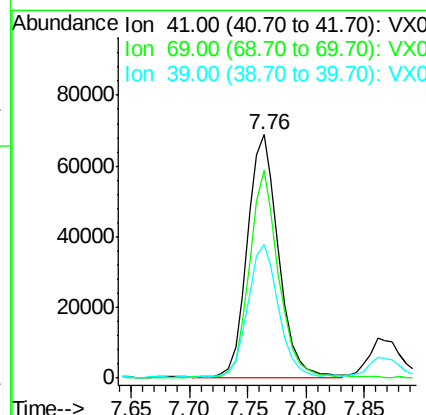
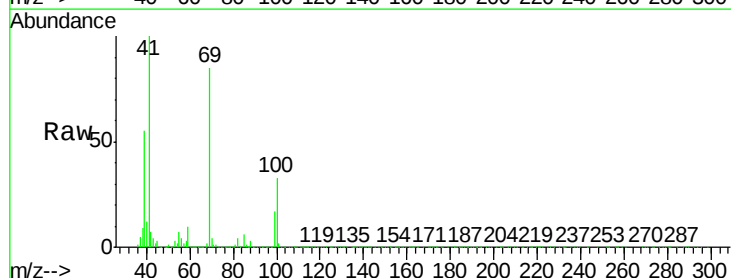
RT: 7.76 min Scan# 1128

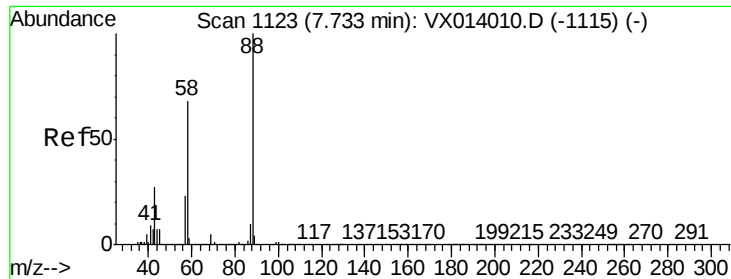
Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion	41	Resp	127015
Ion Ratio	Lower	Upper	
41	100		
69	82.0	65.8	98.6
39	54.3	44.6	67.0





#49

1,4-Dioxane

Concen: 404.875 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

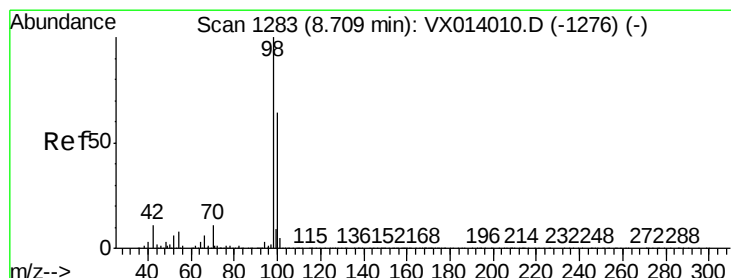
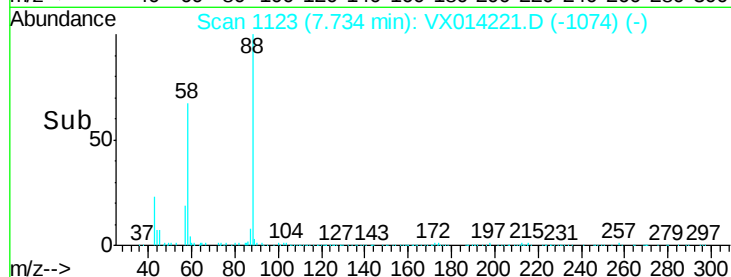
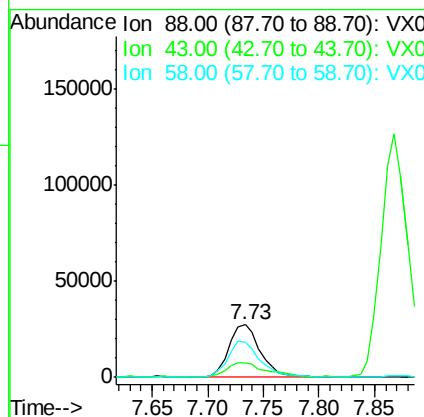
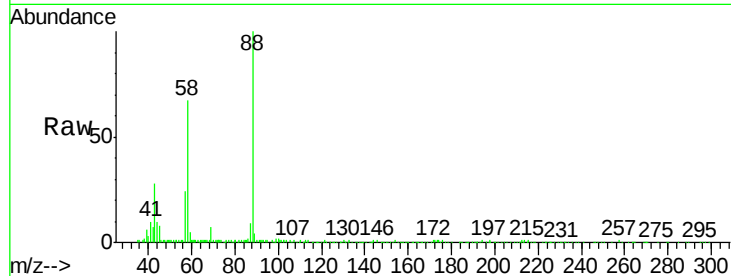
ClientSampleId :

VX1223MBS02

Tot Ion:	88	Resp:	53372
Ion Ratio	Lower	Upper	
88	100		
43	32.5	26.5	39.7
58	69.7	56.8	85.2

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#50

Toluene-d8

Concen: 50.612 ug/l

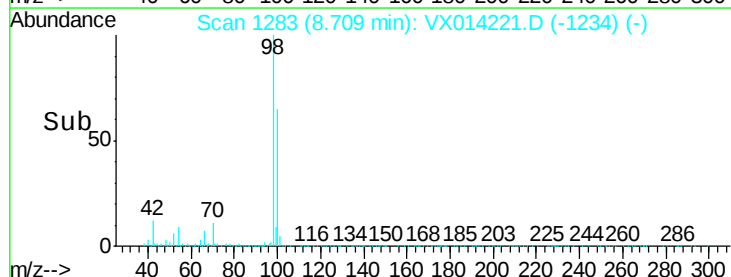
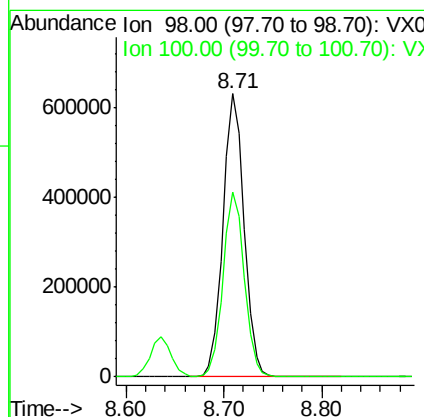
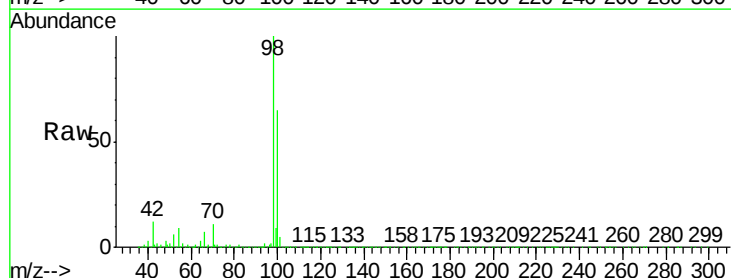
RT: 8.71 min Scan# 1283

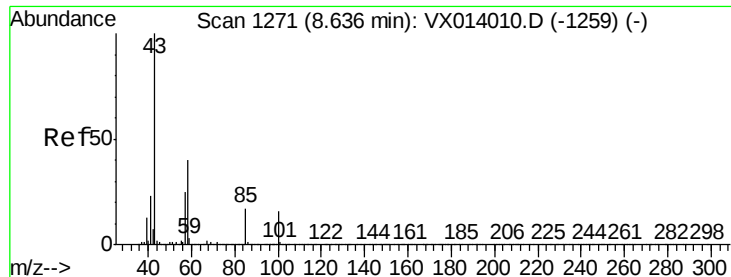
Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	98	Resp:	944955
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 99.945 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 43 Resp: 830329

Ion Ratio Lower Upper

43 100

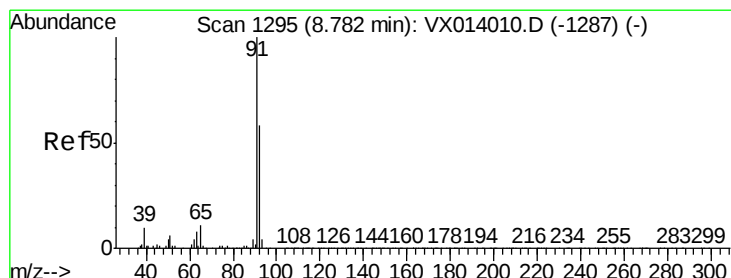
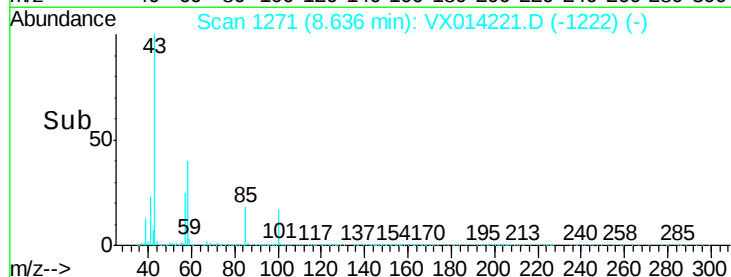
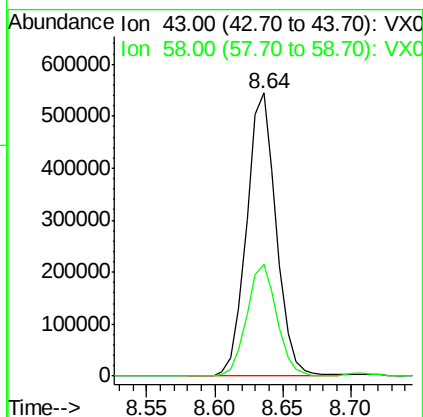
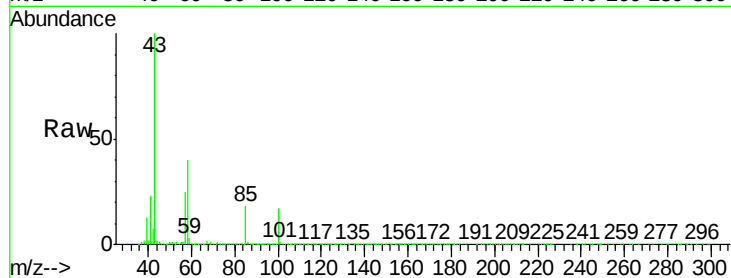
58 40.0 32.2 48.2

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#52

Toluene

Concen: 18.945 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014221.D

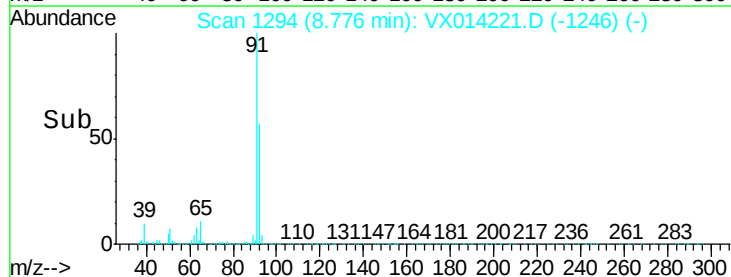
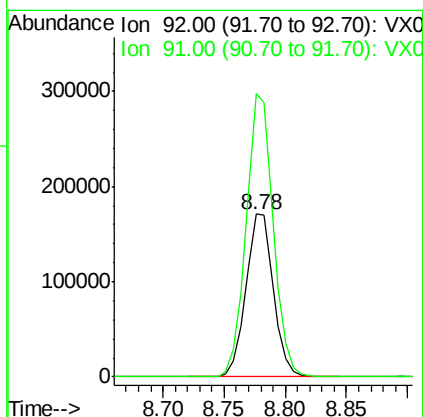
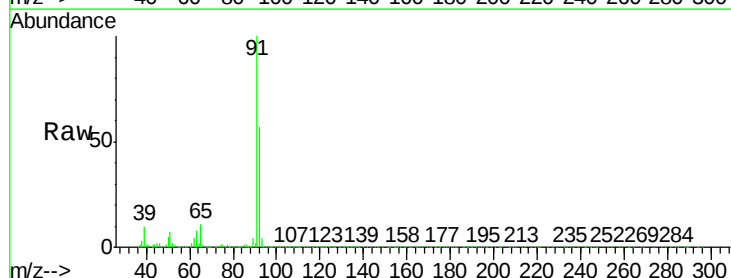
Acq: 23 Dec 2019 23:45

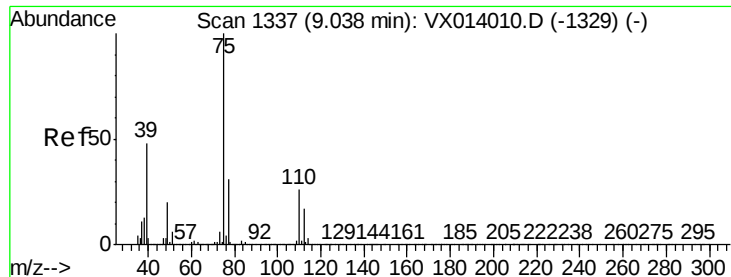
Tgt Ion: 92 Resp: 266702

Ion Ratio Lower Upper

92 100

91 171.7 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 18.452 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 75 Resp: 143817

Ion Ratio Lower Upper

75 100

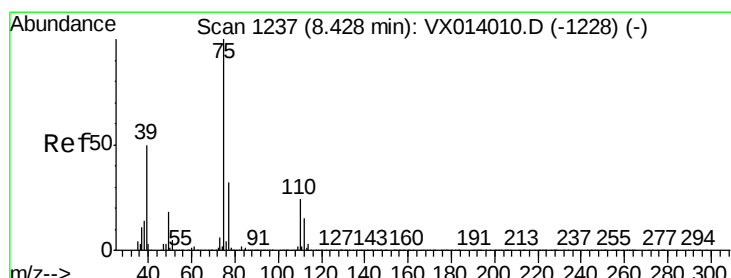
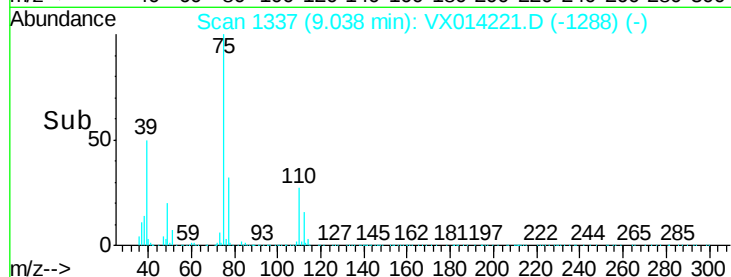
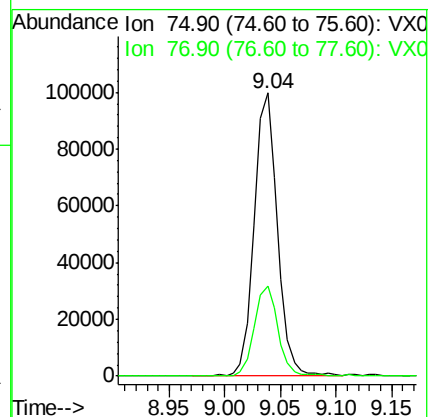
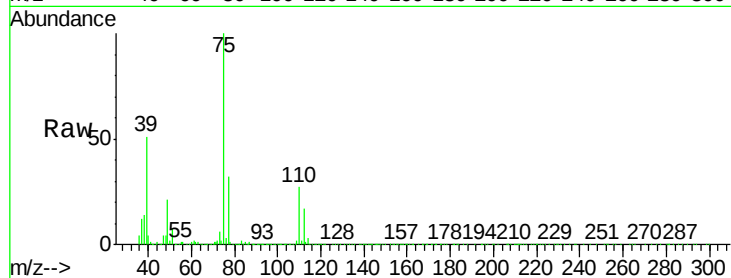
77 31.7 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 18.856 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

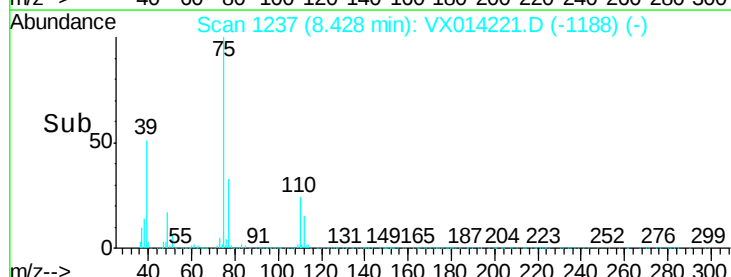
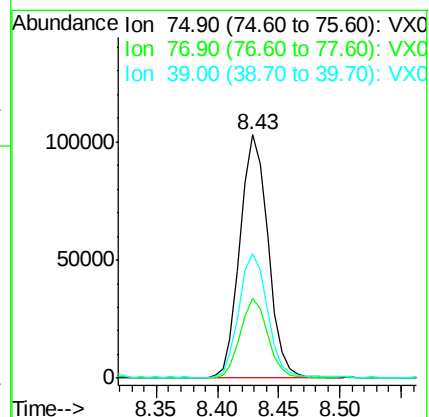
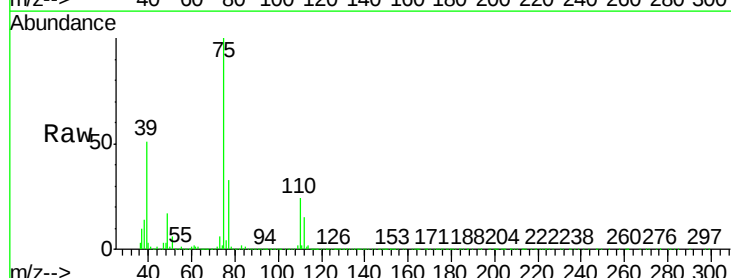
Tgt Ion: 75 Resp: 163734

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

39 51.1 39.9 59.9





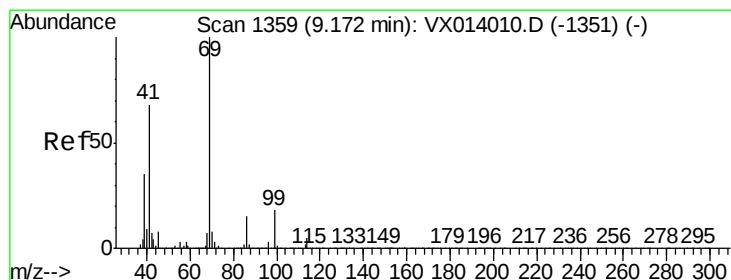
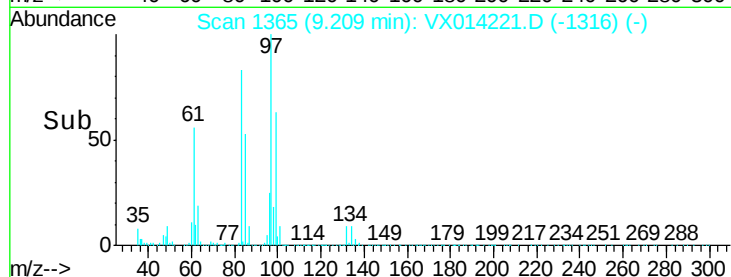
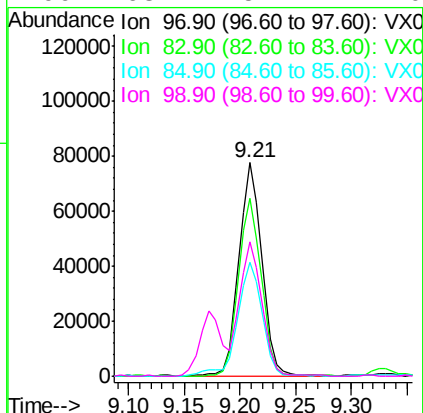
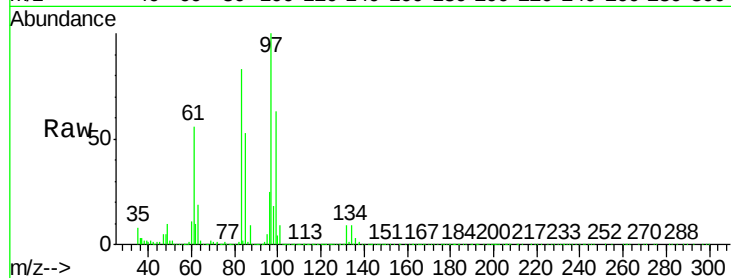
#55
 1,1,2-Trichloroethane
 Concen: 19.568 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	83.2	68.2	102.4		
85	53.1	44.6	66.8		
99	63.1	51.4	77.0		

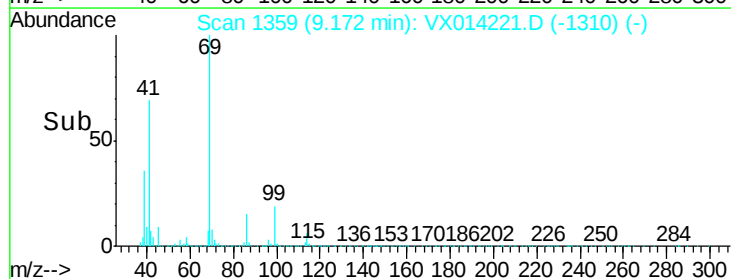
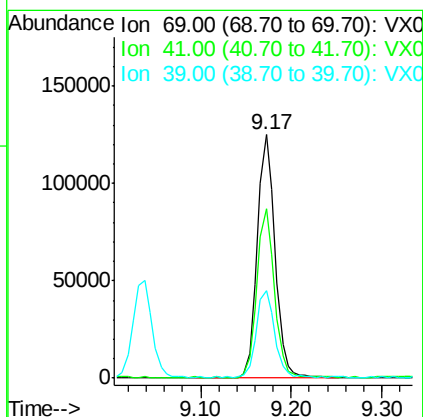
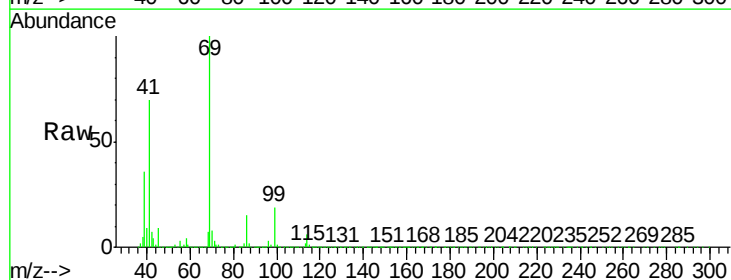
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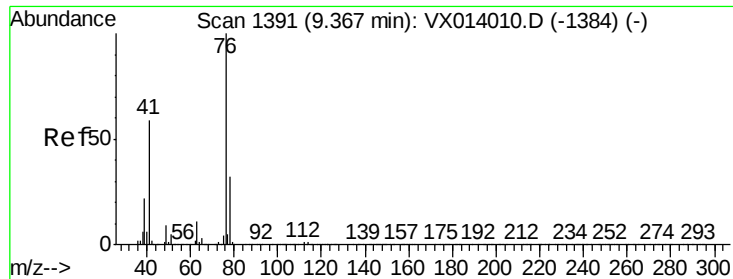
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#56
 Ethyl methacrylate
 Concen: 19.249 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	68.7	54.8	82.2		
39	36.8	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.469 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

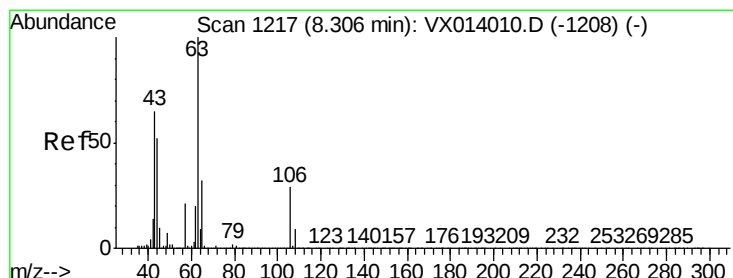
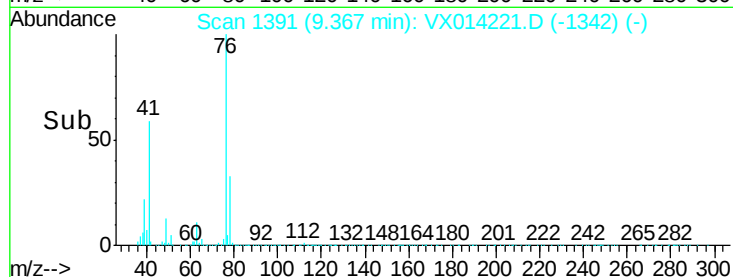
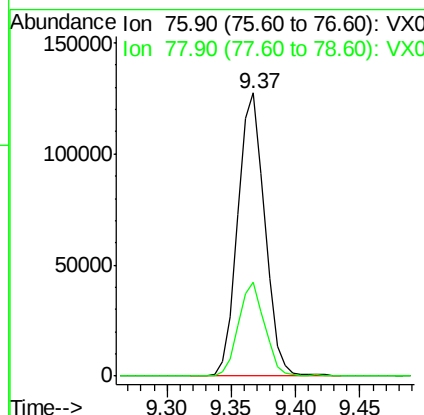
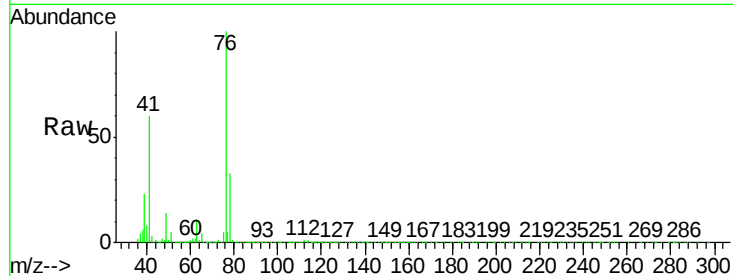
ClientSampleId :

VX1223MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 100.136 ug/l

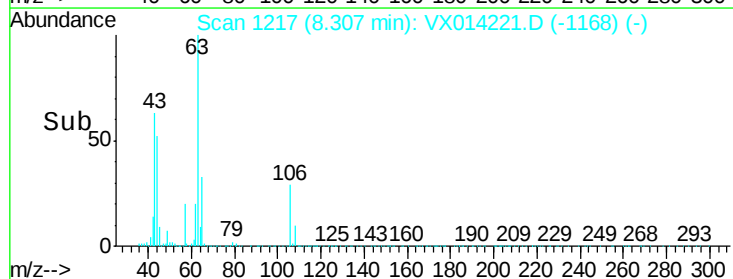
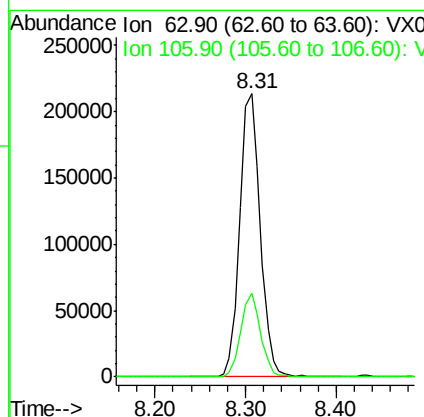
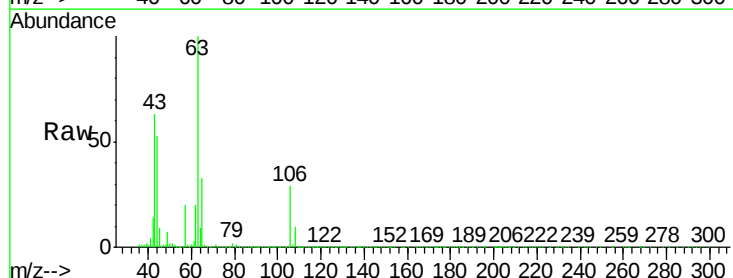
RT: 8.31 min Scan# 1217

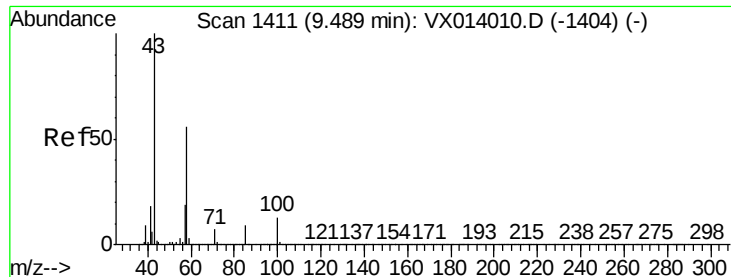
Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.0	34.6





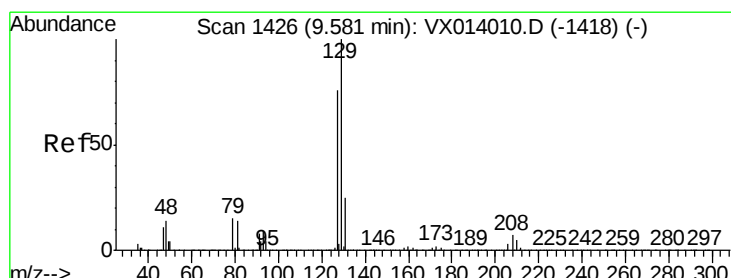
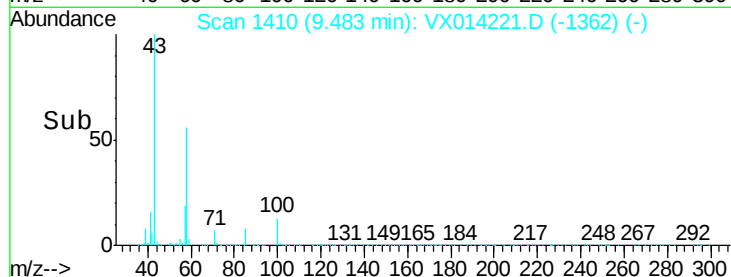
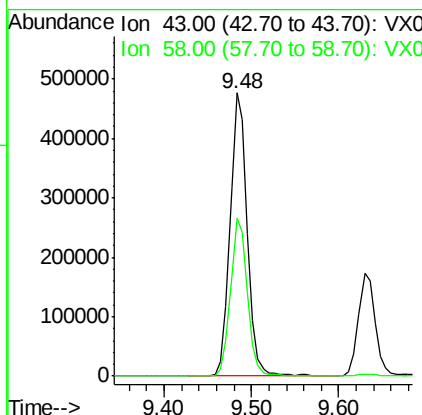
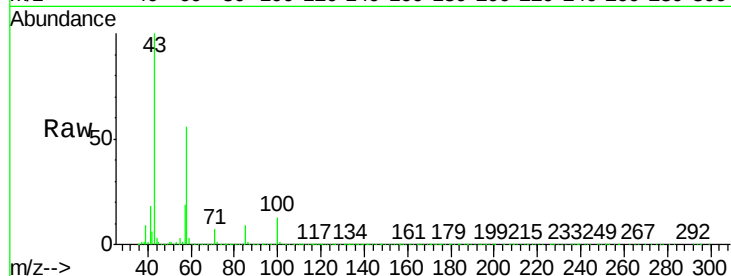
#59
2-Hexanone
Concen: 96.607 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion: 43 Resp: 646092
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0

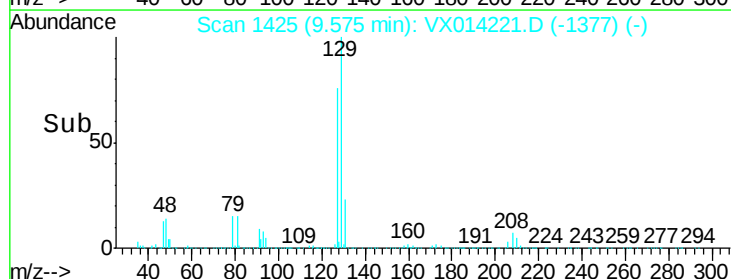
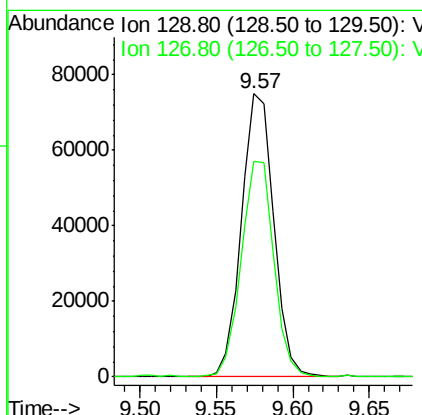
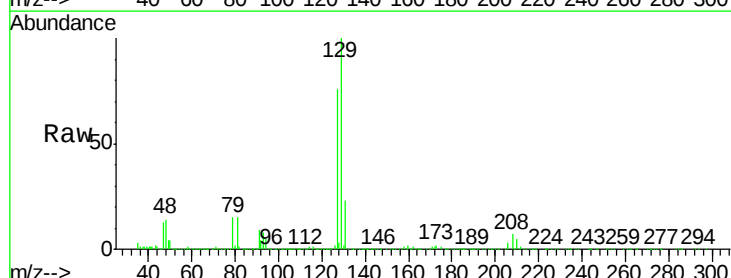
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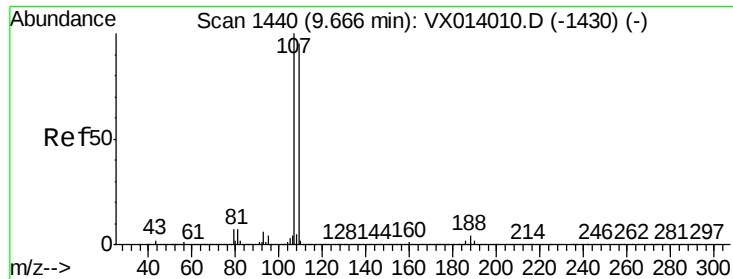
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#60
Dibromochloromethane
Concen: 19.493 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 129 Resp: 109321
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.709 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion: 107 Resp: 113775

Ion Ratio Lower Upper

107 100

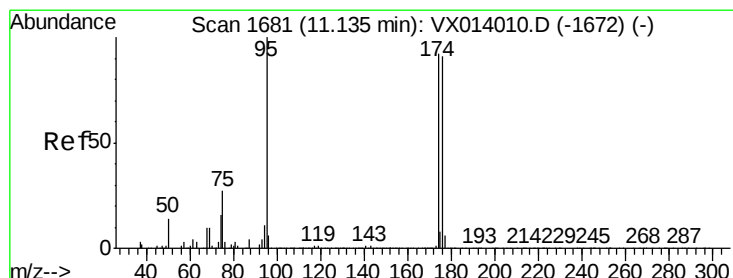
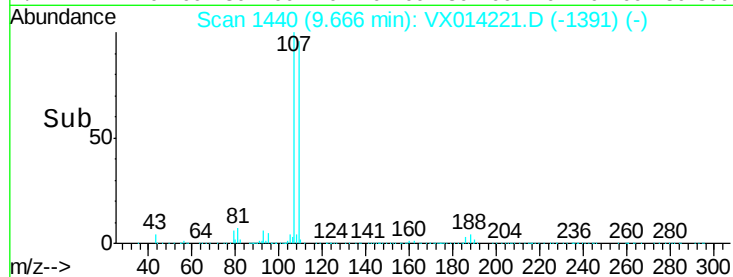
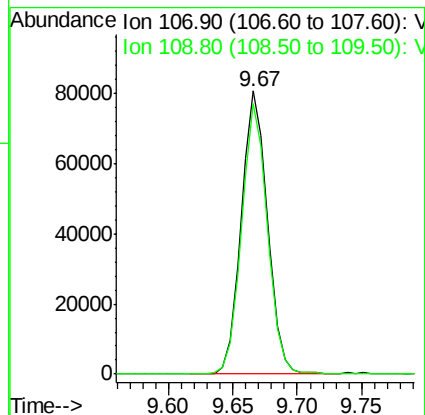
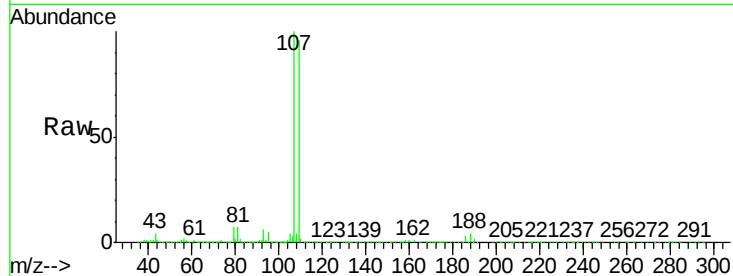
109 93.5 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 47.805 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

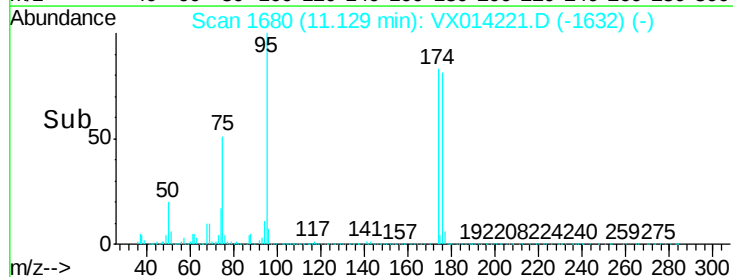
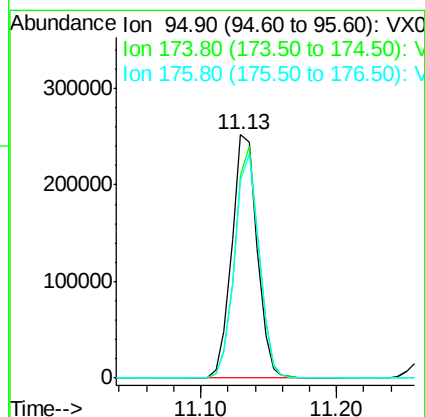
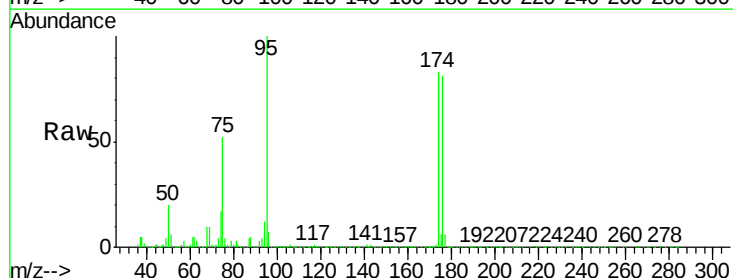
Tgt Ion: 95 Resp: 326262

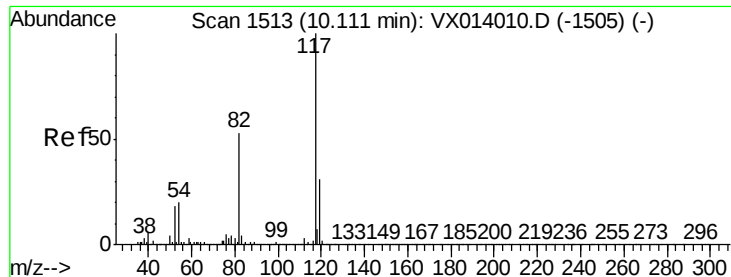
Ion Ratio Lower Upper

95 100

174 91.4 0.0 175.8

176 88.7 0.0 173.0





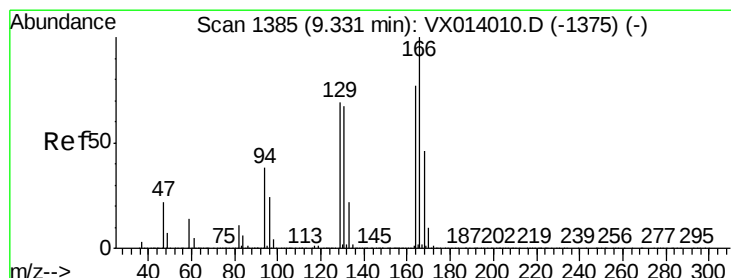
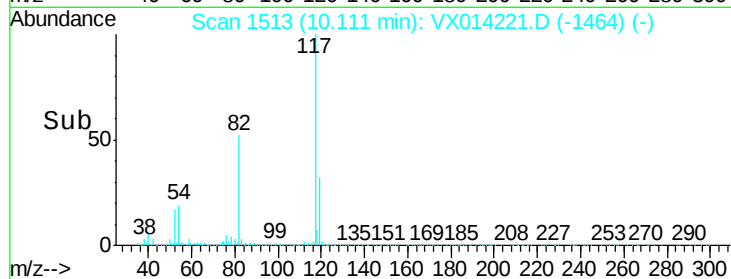
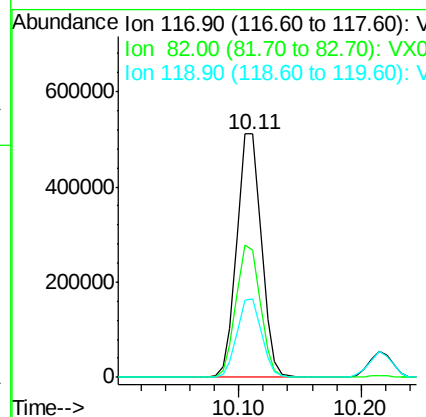
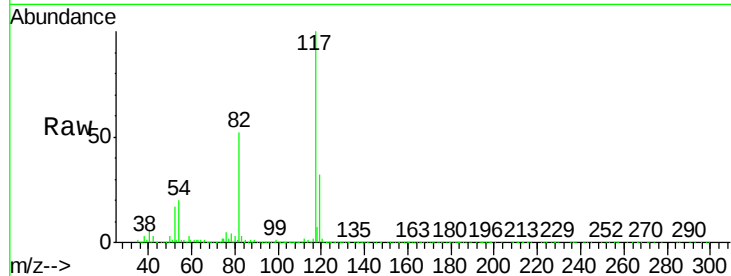
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	32.3	25.1	37.7

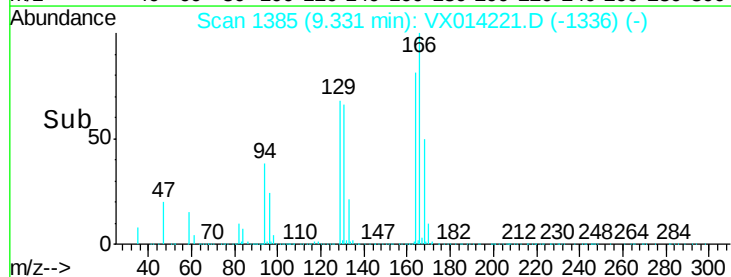
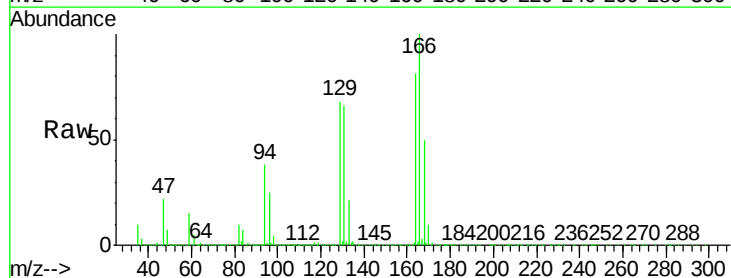
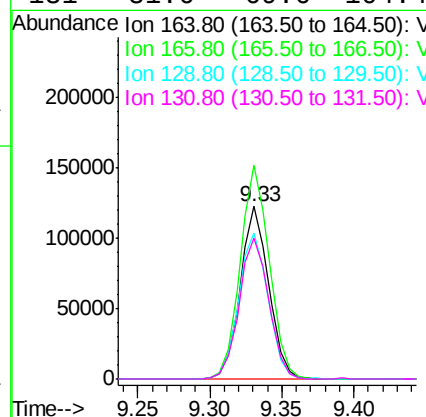
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#64
Tetrachloroethene
Concen: 26.681 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	104.0	156.0
129	84.5	72.2	108.4
131	81.6	69.6	104.4





#65

Chlorobenzene

Concen: 19.094 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:112 Resp: 288007

Ion Ratio Lower Upper

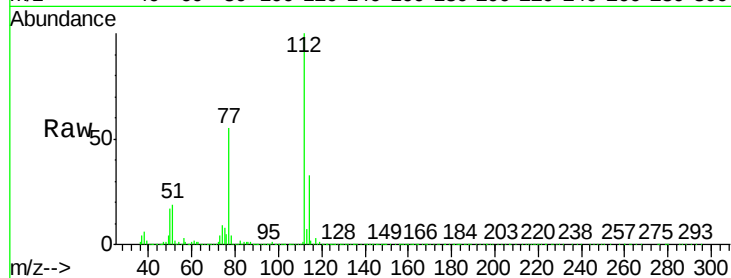
112 100

114 32.6 24.9 37.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

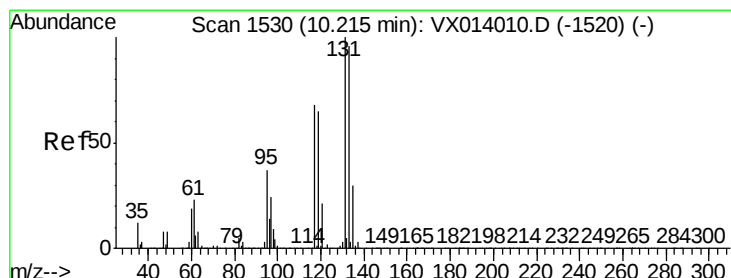
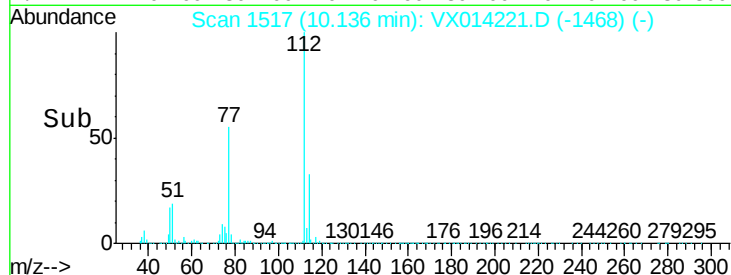
50000

0

10.10

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.562 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

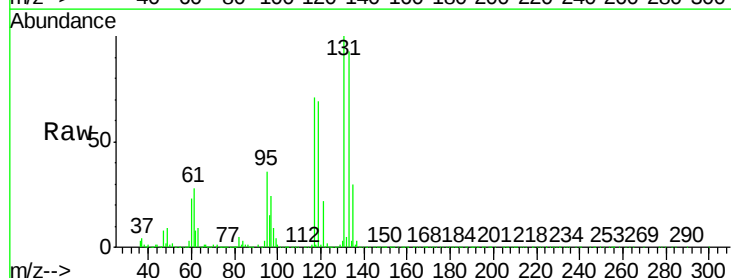
Tgt Ion:131 Resp: 105358

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

119 66.5 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

20000

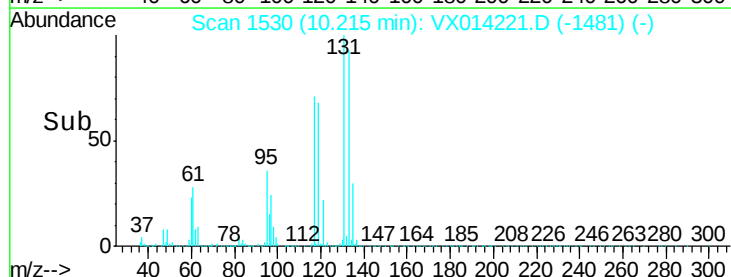
0

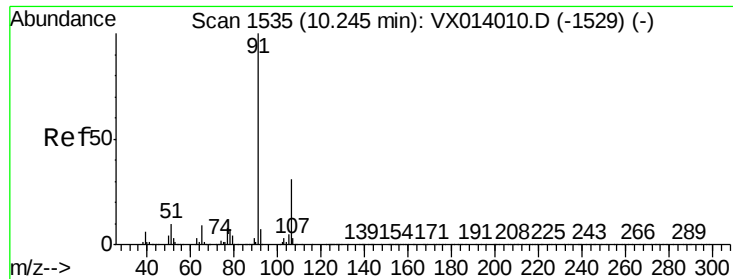
10.15

10.20

10.25

Time-->





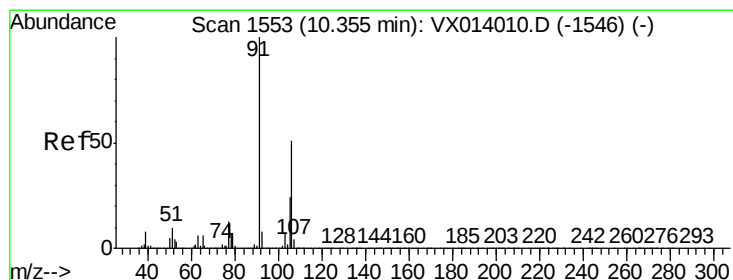
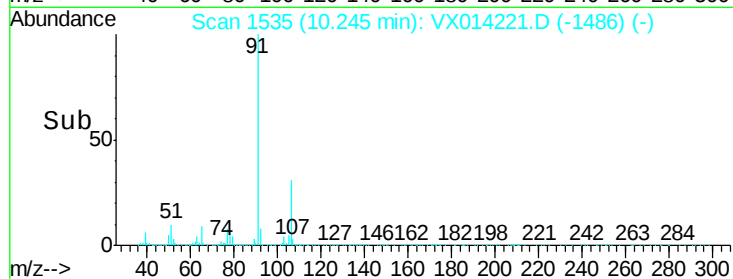
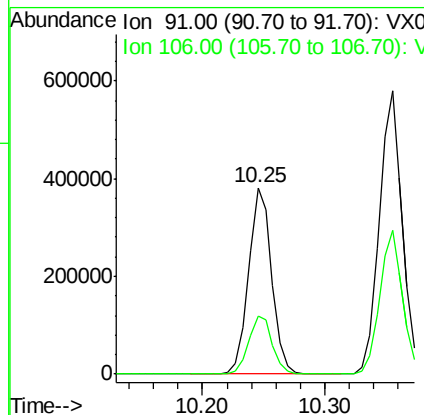
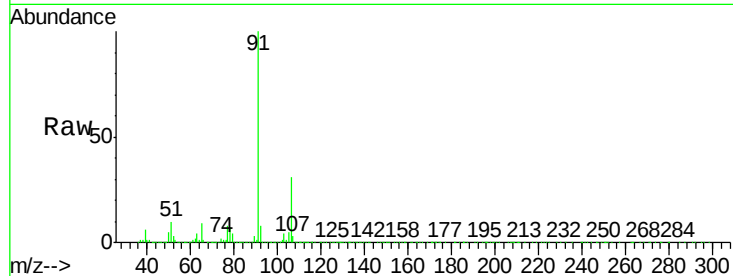
#67
Ethyl Benzene
Concen: 19.206 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion: 91 Resp: 498059
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

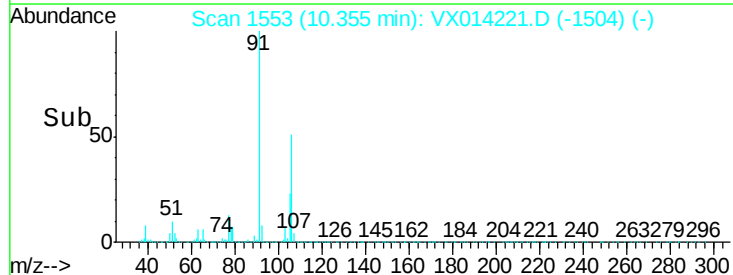
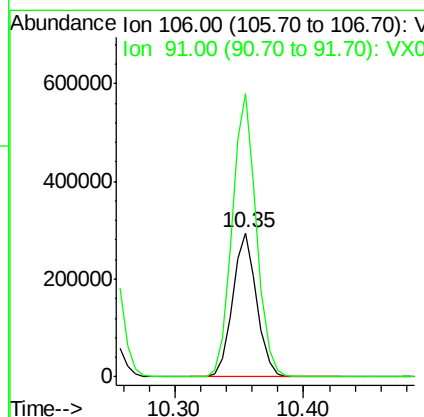
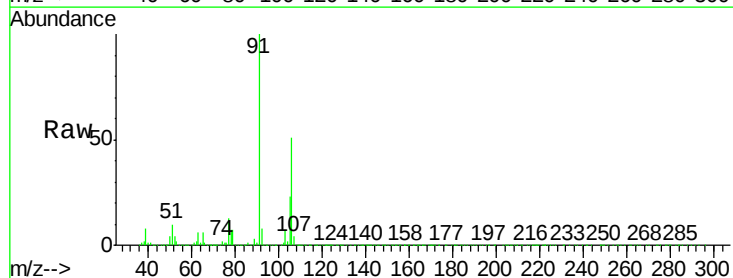
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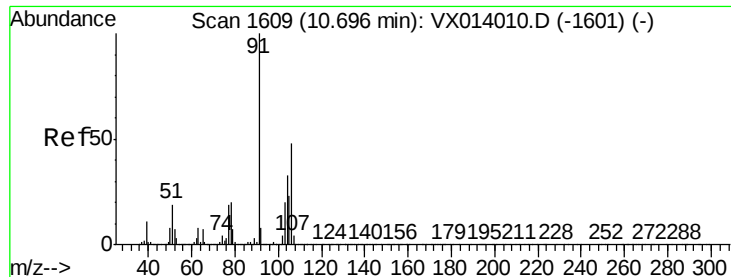
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#68
m/p-Xylenes
Concen: 38.366 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion: 106 Resp: 382665
Ion Ratio Lower Upper
106 100
91 198.4 158.6 238.0





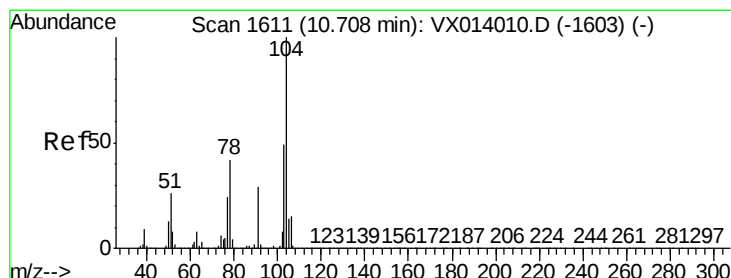
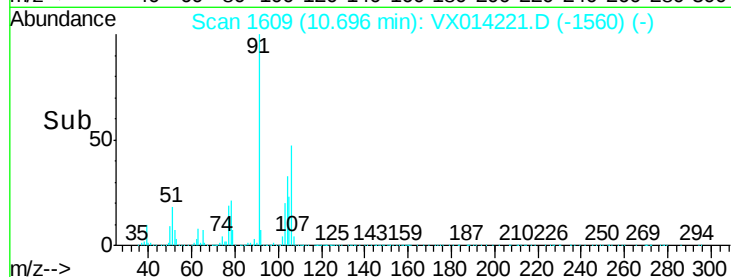
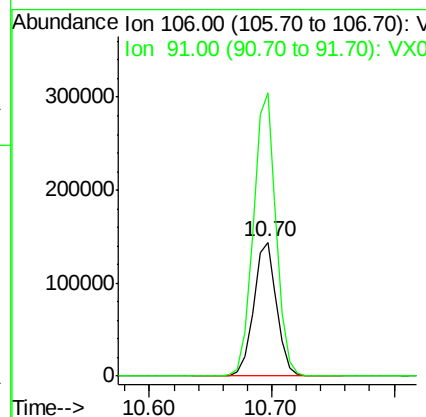
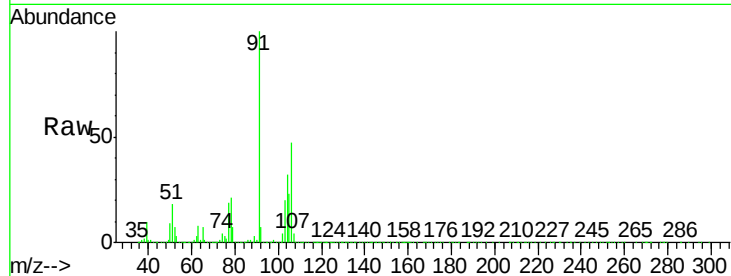
#69
o-Xylene
Concen: 19.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	104.2	312.6

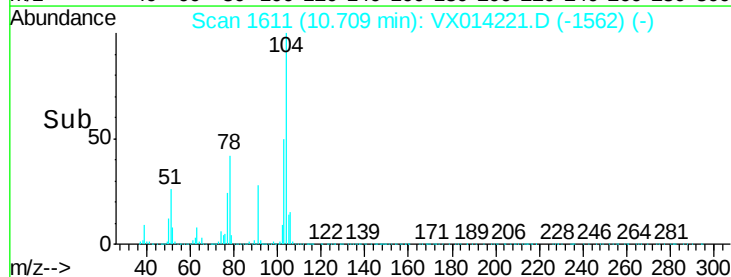
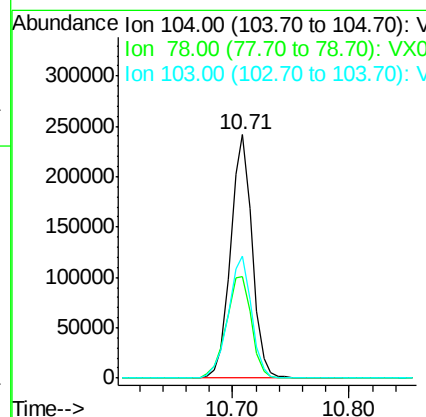
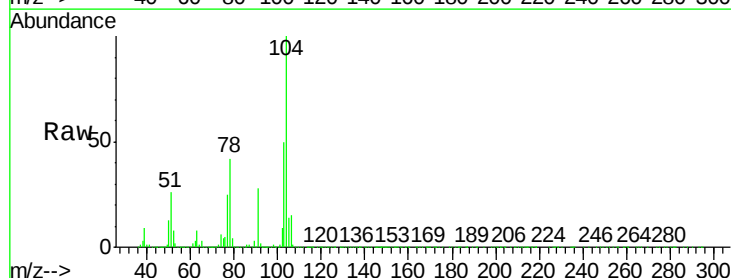
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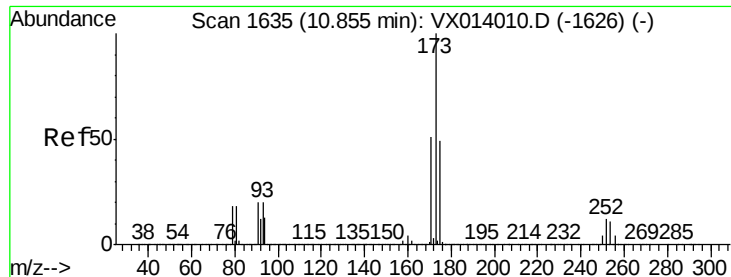
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#70
Styrene
Concen: 18.738 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	54.4	42.9	64.3





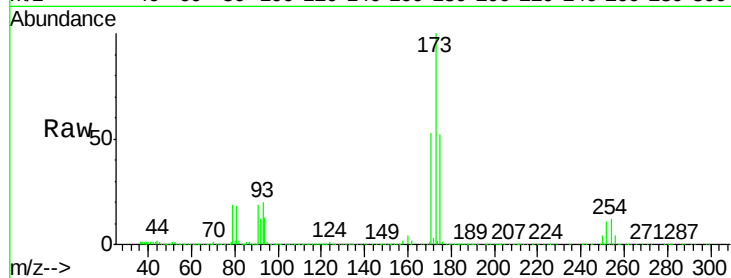
#71
Bromoform
Concen: 18.676 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

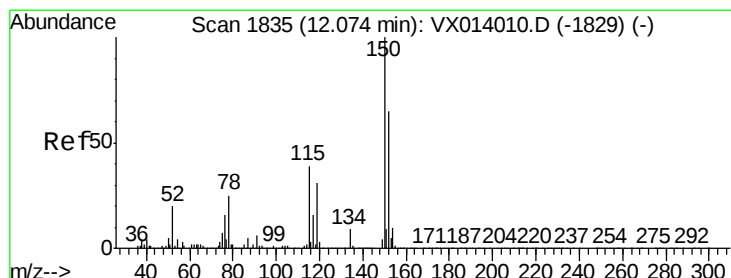
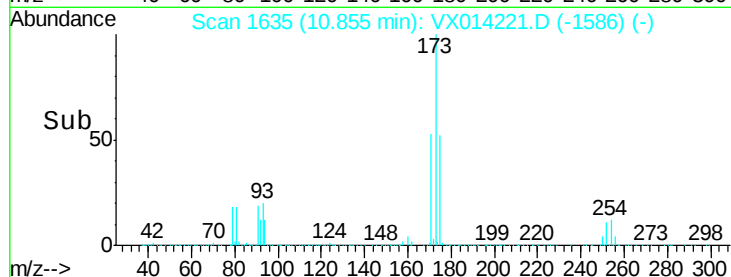
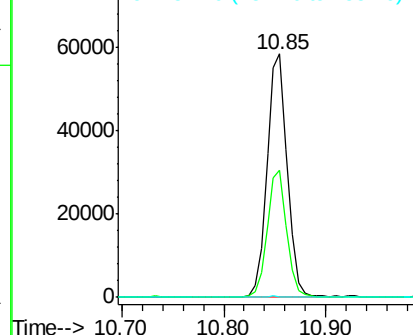
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.4	73.4
254	0.3	0.2	0.2

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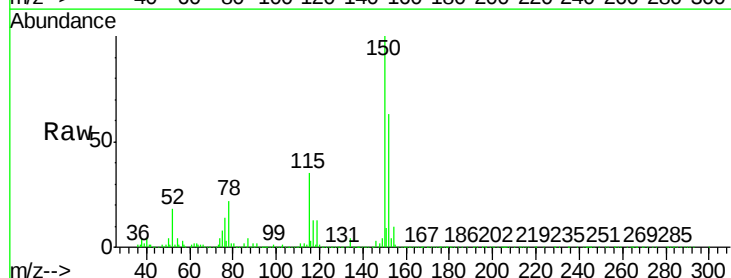


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

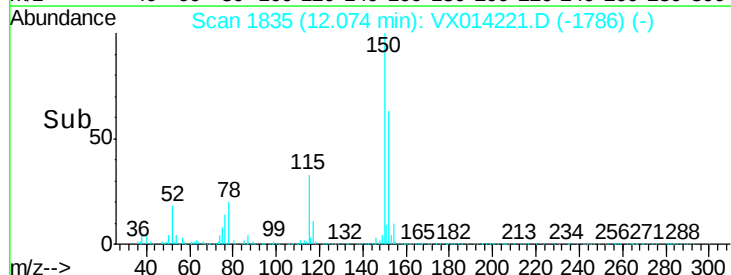
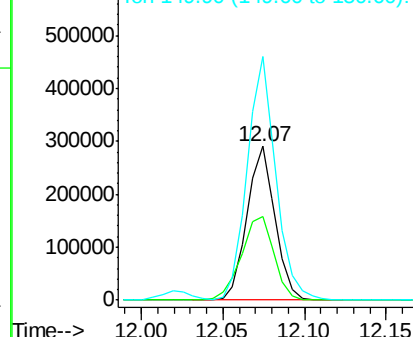


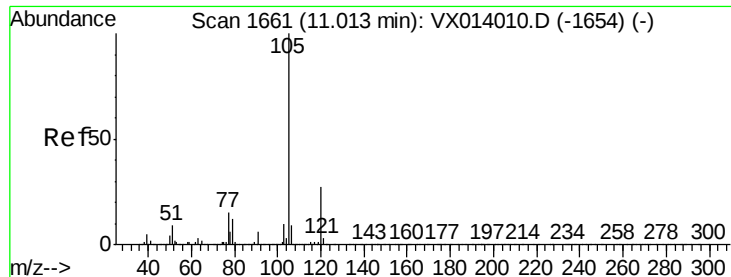
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	38.3	114.9
150	161.2	0.0	345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:105 Resp: 489383

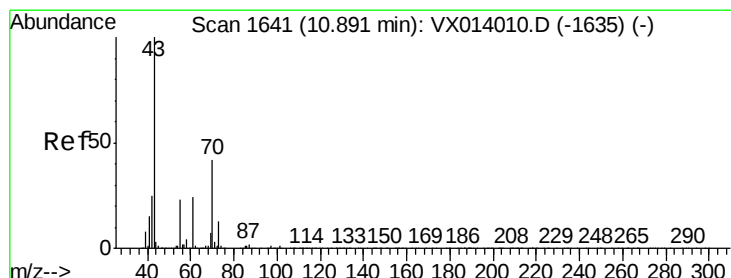
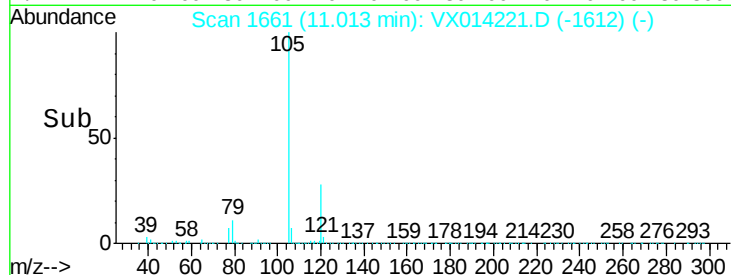
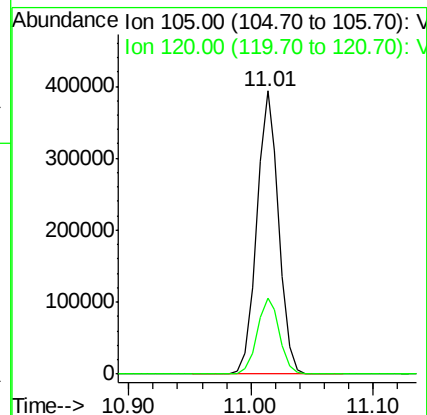
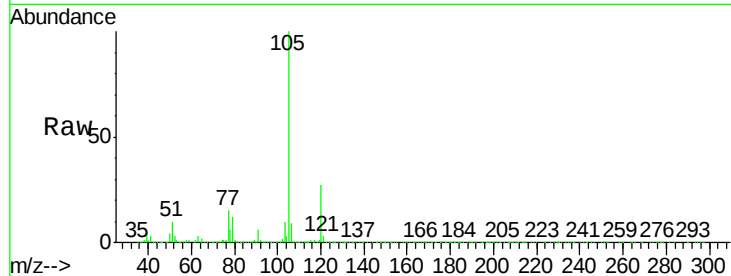
Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.225 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion: 43 Resp: 220733

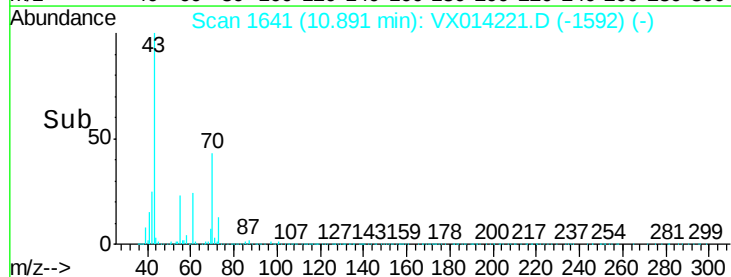
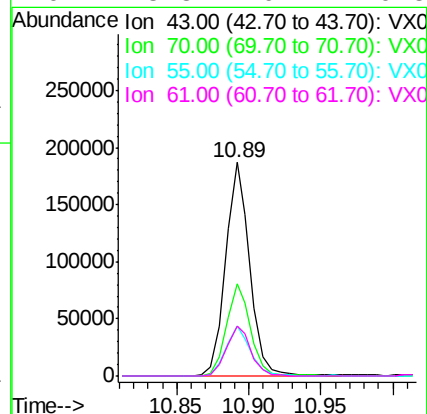
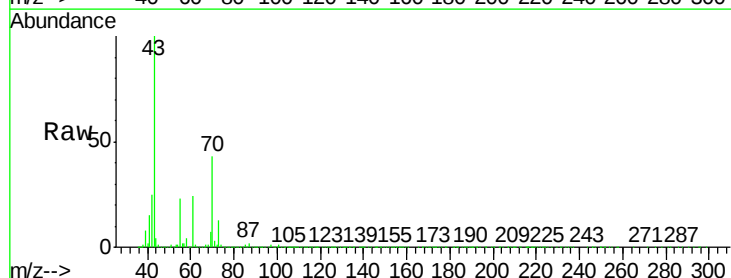
Ion Ratio Lower Upper

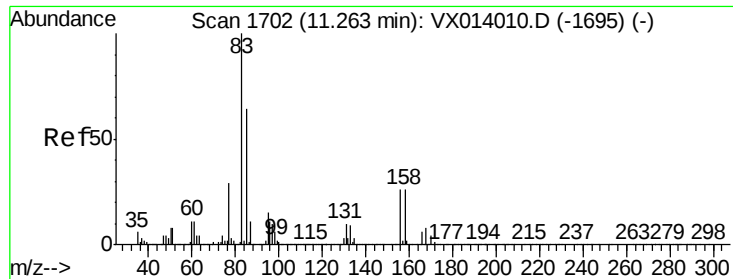
43 100

70 42.8 34.4 51.6

55 23.5 19.1 28.7

61 23.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.812 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

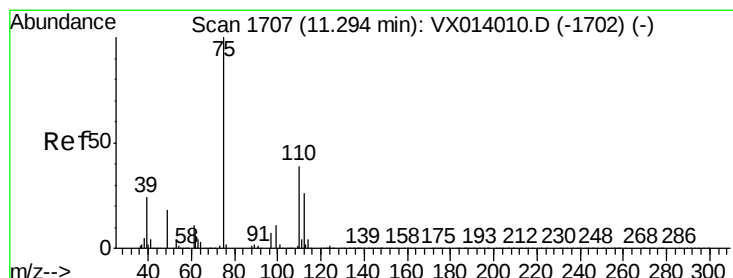
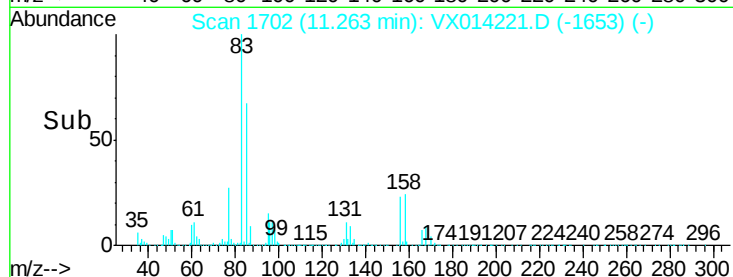
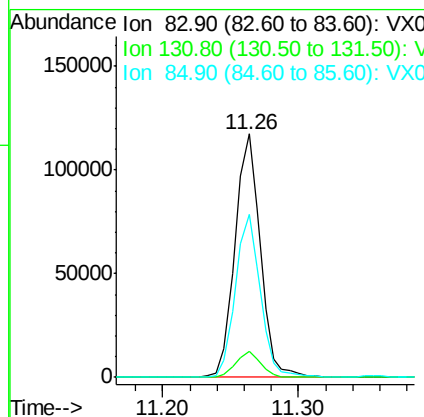
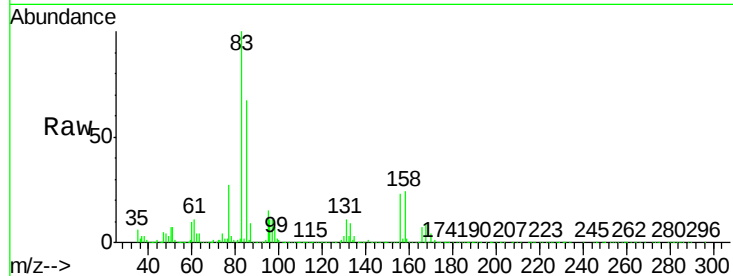
ClientSampleId :

VX1223MBS02

Tot Ion:	83	Resp:	151259
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.2
85	66.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 18.180 ug/l m

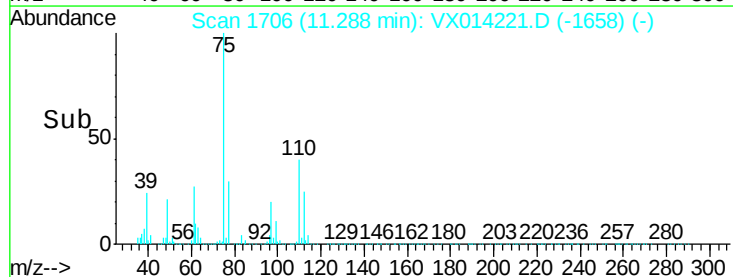
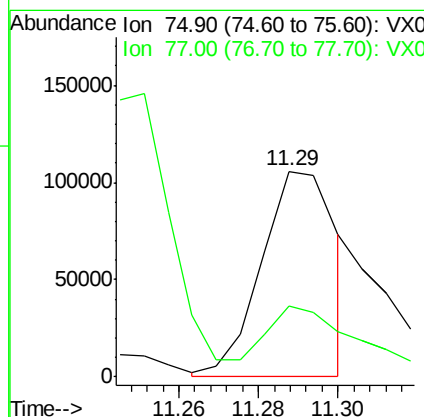
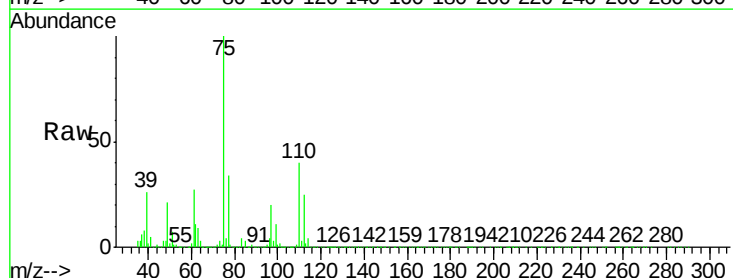
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	75	Resp:	137308
Ion Ratio	Lower	Upper	
75	100		
77	42.0	19.3	57.8





#77

Bromobenzene

Concen: 19.017 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

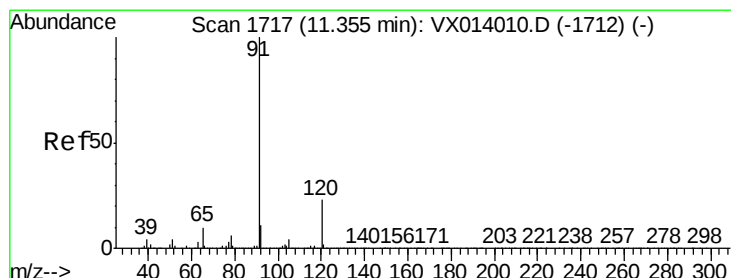
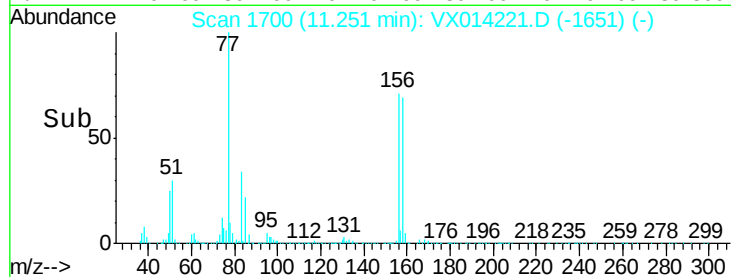
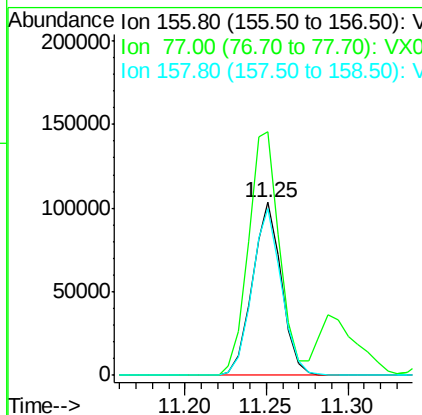
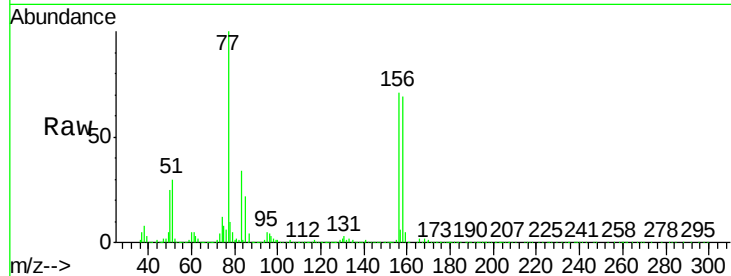
ClientSampleId :

VX1223MBS02

Tot Ion:	156	Resp:	128164
Ion Ratio	Lower	Upper	
156	100		
77	152.0	76.5	229.5
158	97.7	49.3	147.9

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#78

n-propylbenzene

Concen: 19.952 ug/l

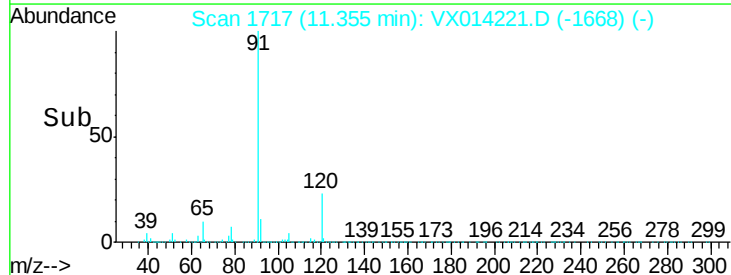
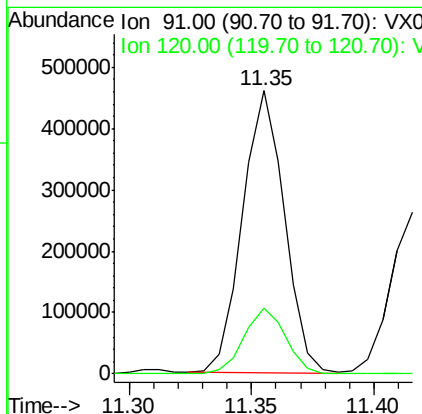
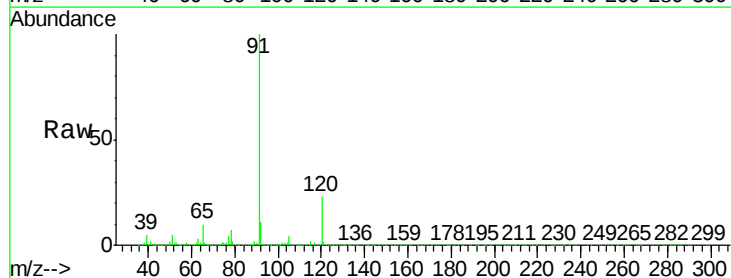
RT: 11.35 min Scan# 1717

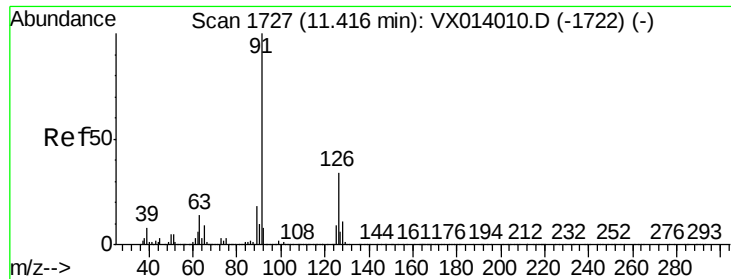
Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	91	Resp:	548190
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





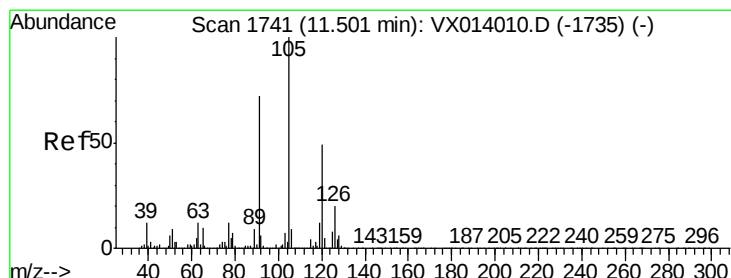
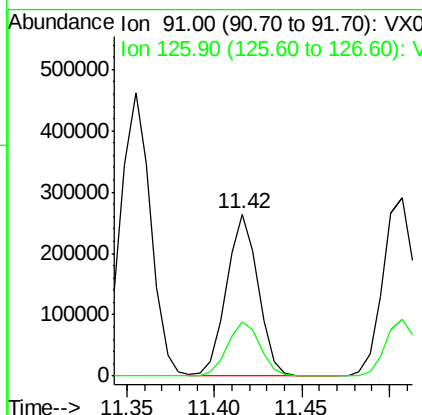
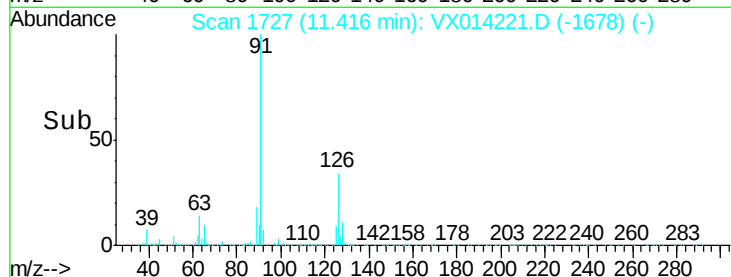
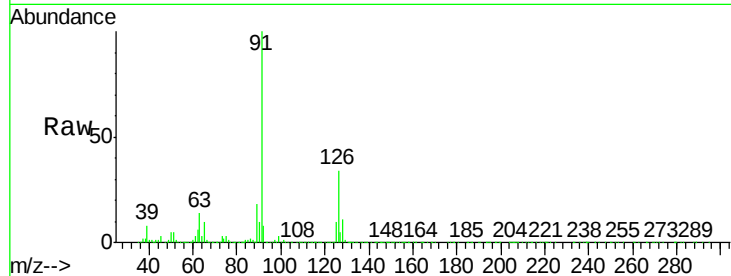
#79
 2-Chlorotoluene
 Concen: 19.733 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBSD02

Tot Ion: 91 Resp: 329566
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.2 51.6

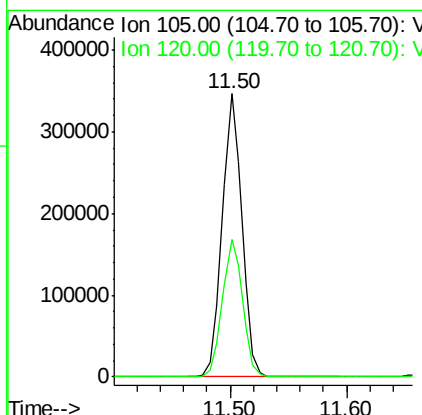
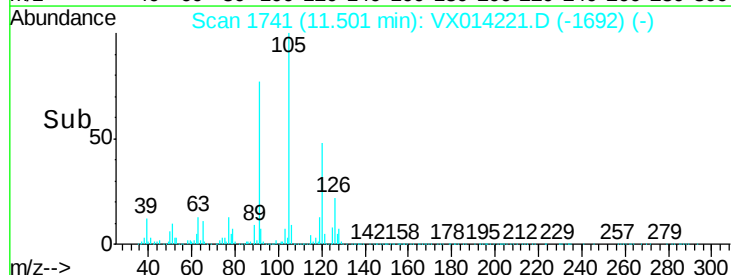
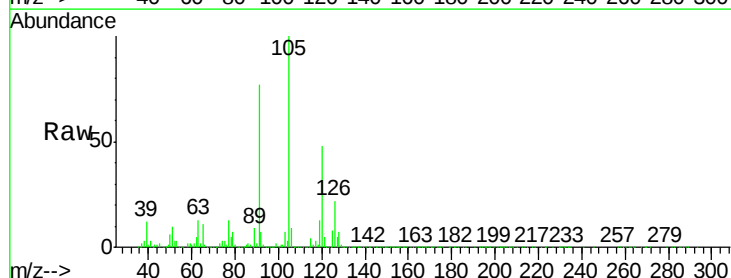
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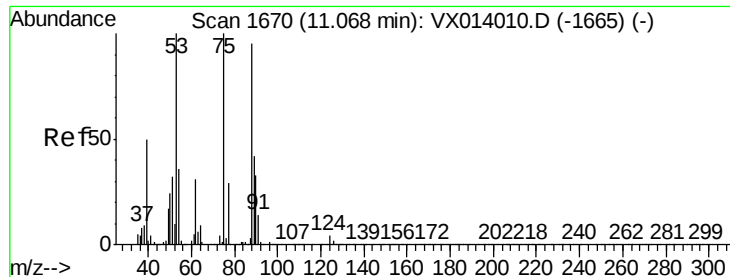
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.643 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion: 105 Resp: 404933
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.452 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

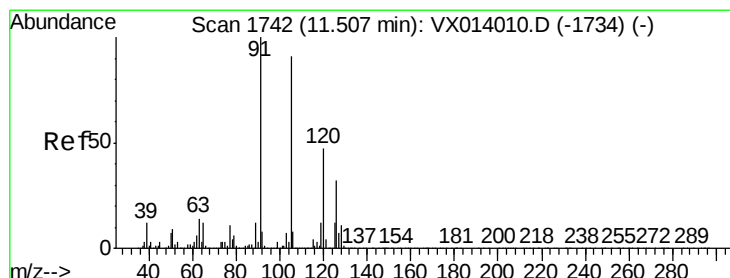
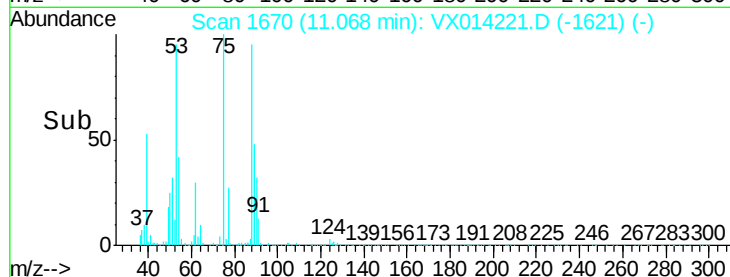
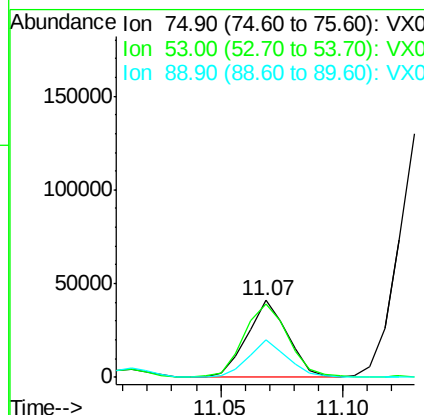
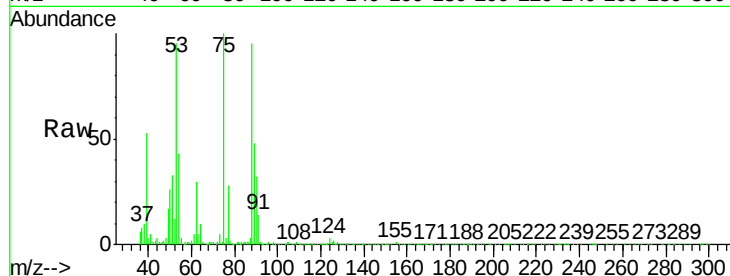
ClientSampleId :

VX1223MBS02

Tot Ion:	75	Resp:	46700
Ion Ratio	Lower	Upper	
75	100		
53	104.0	76.7	115.1
89	48.7	34.6	51.8

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#82

4-Chlorotoluene

Concen: 19.169 ug/l

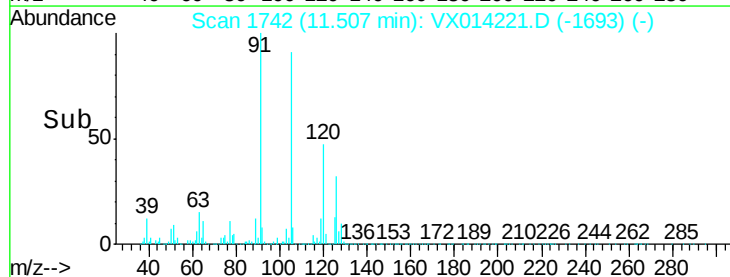
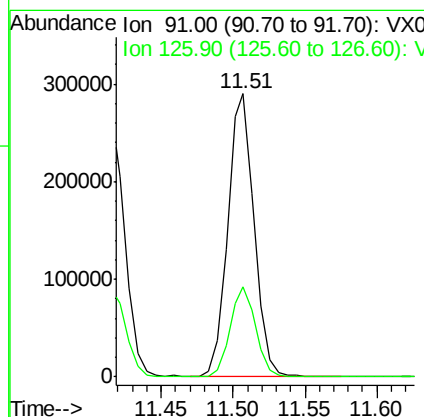
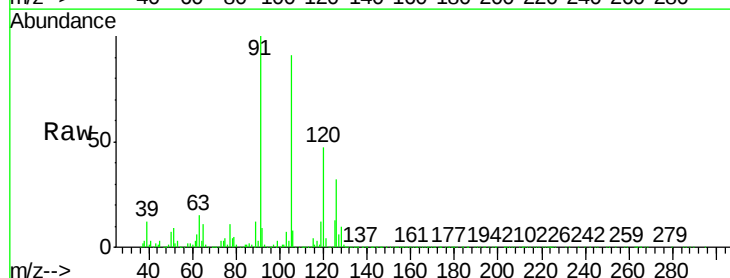
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	91	Resp:	371357
Ion Ratio	Lower	Upper	
91	100		
126	31.3	15.6	46.8





#83

tert-Butylbenzene

Concen: 17.548 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

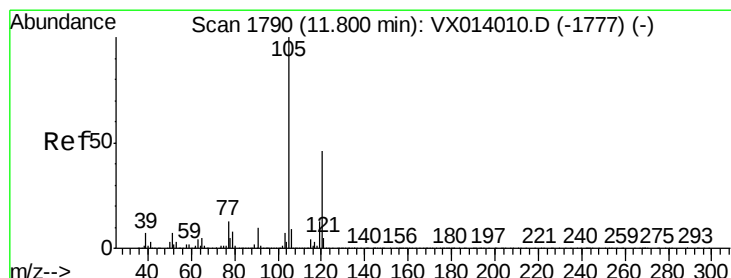
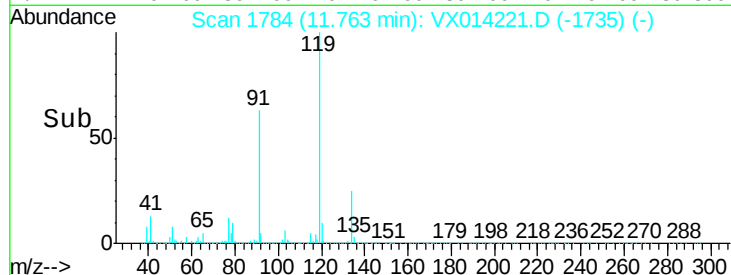
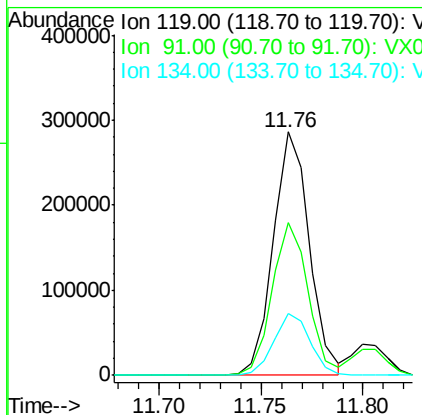
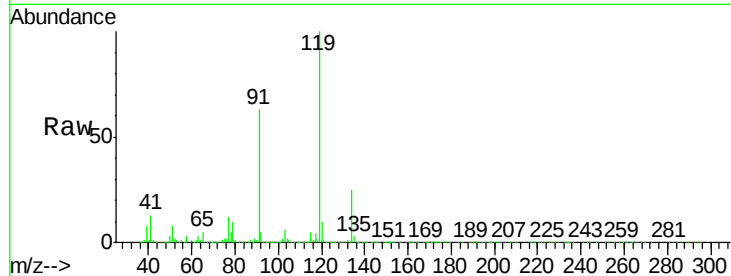
ClientSampleId :

VX1223MBS02

Tot Ion:	119	Resp:	352040
Ion Ratio	Lower	Upper	
119	100		
91	62.6	28.5	85.6
134	25.5	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.729 ug/l

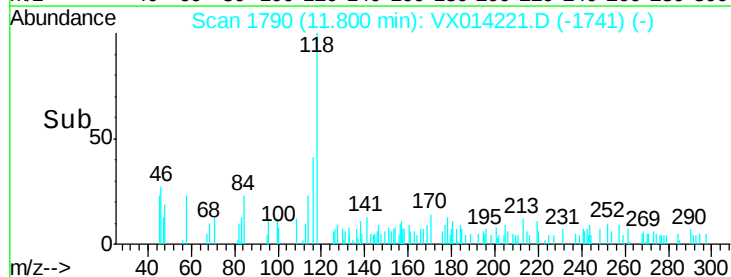
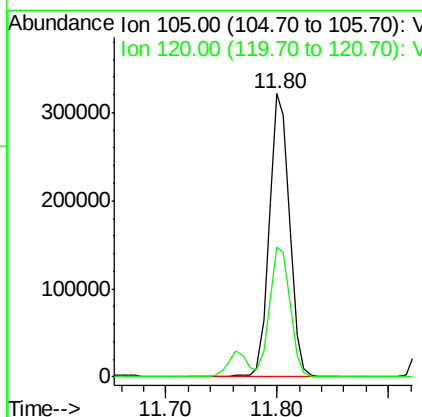
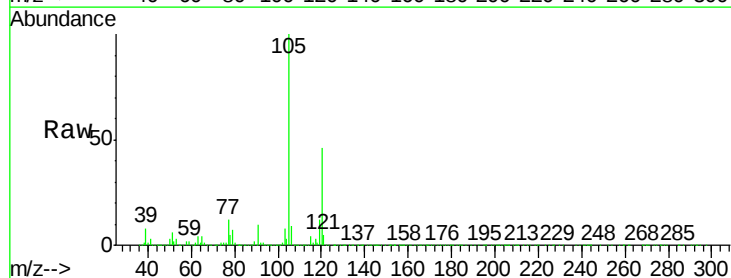
RT: 11.80 min Scan# 1790

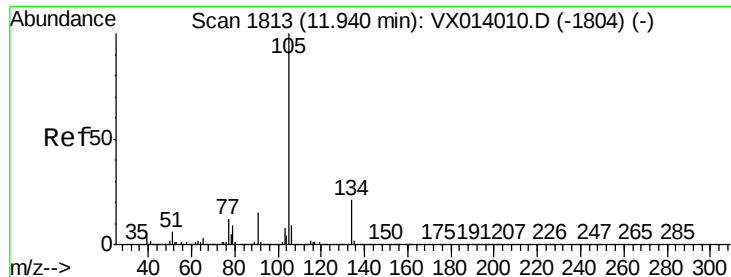
Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	105	Resp:	407294
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.777 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBS02

Tot Ion:105 Resp: 468368

Ion Ratio Lower Upper

105 100

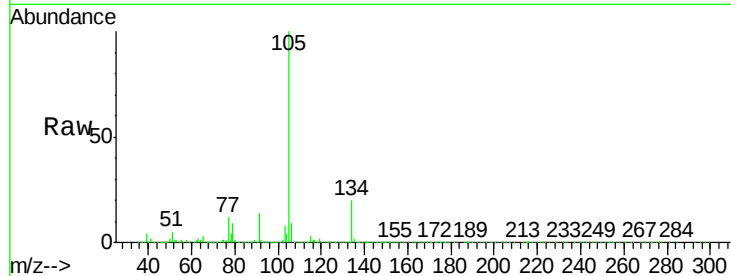
134 20.6 10.4 31.1

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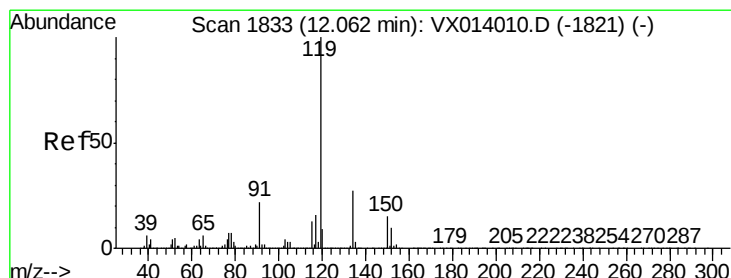
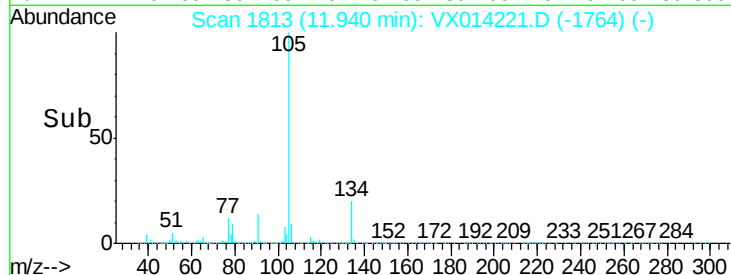
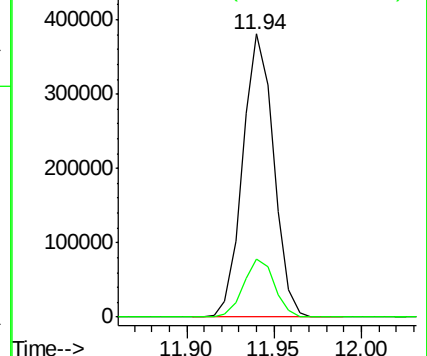
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.551 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

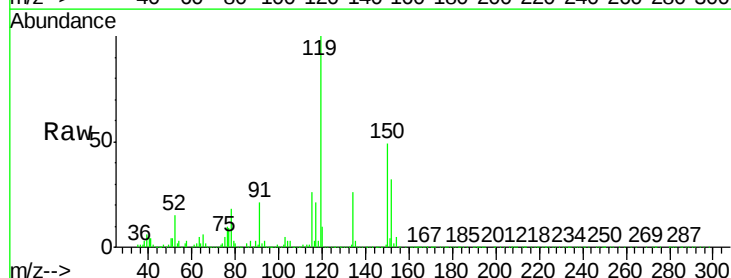
Tgt Ion:119 Resp: 423545

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

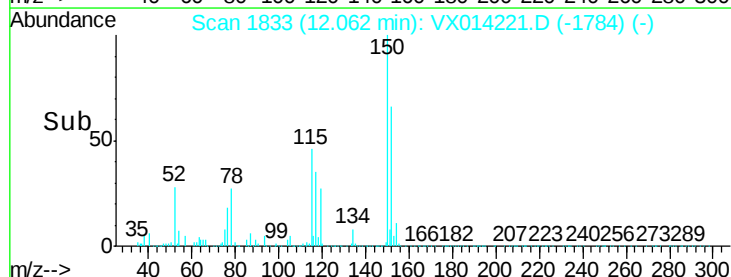
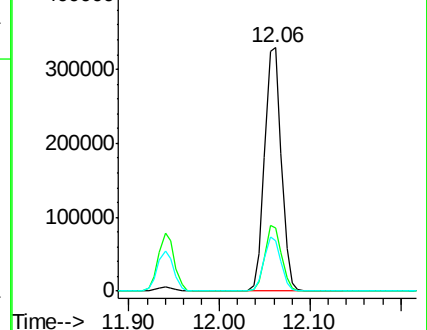
91 22.1 11.4 34.1

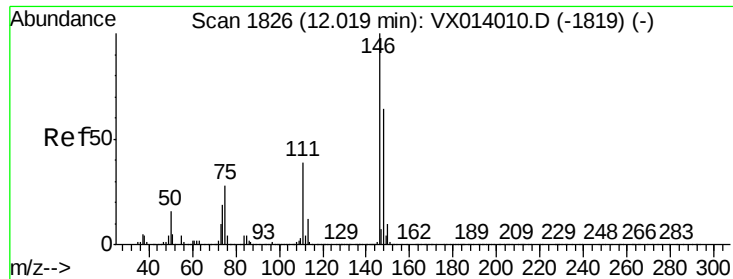


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.806 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

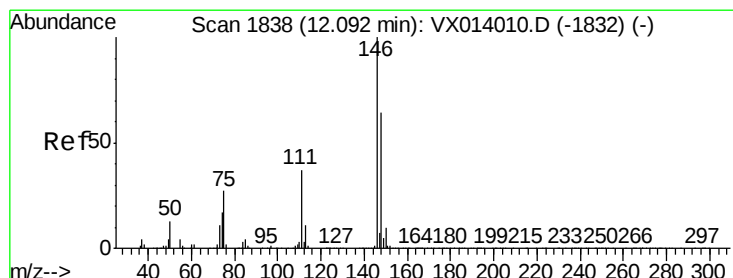
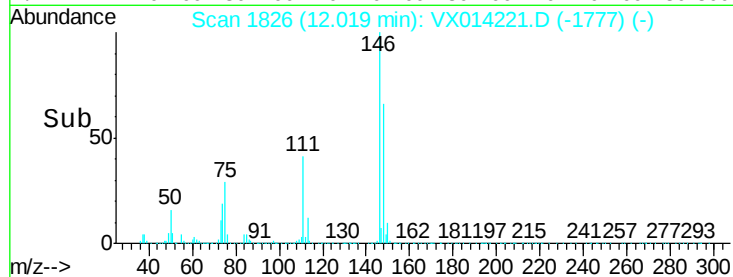
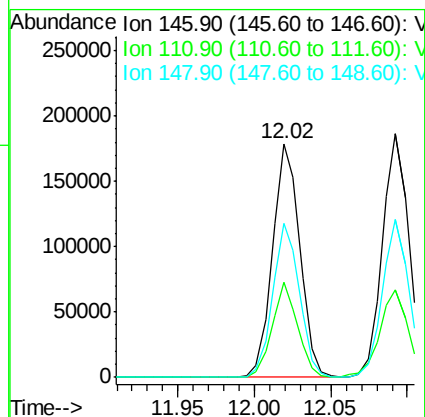
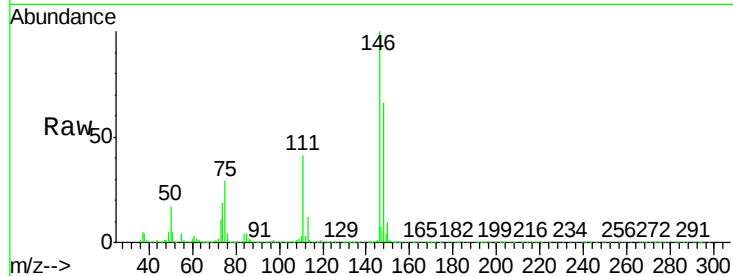
Instrument :
MSVOA_X

ClientSampleId :
VX1223MBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	64.2	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 18.643 ug/l

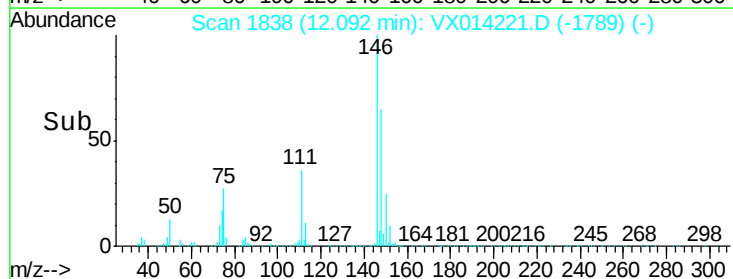
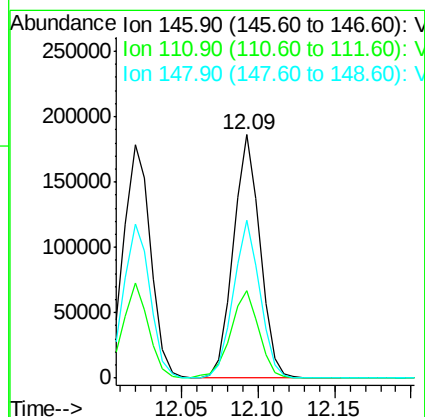
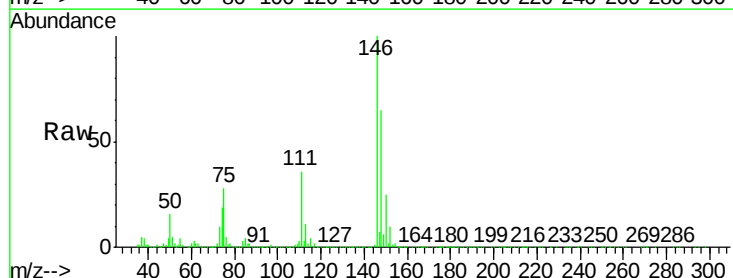
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.6	31.9	95.9





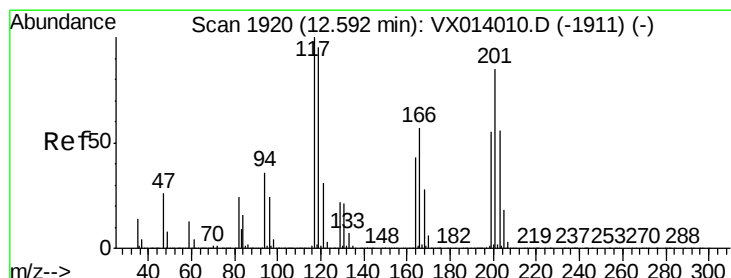
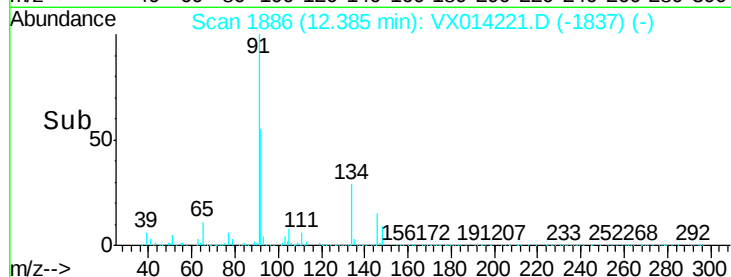
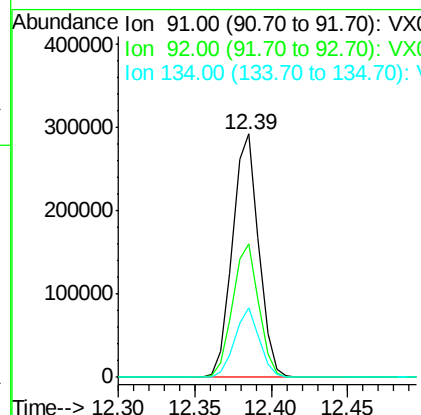
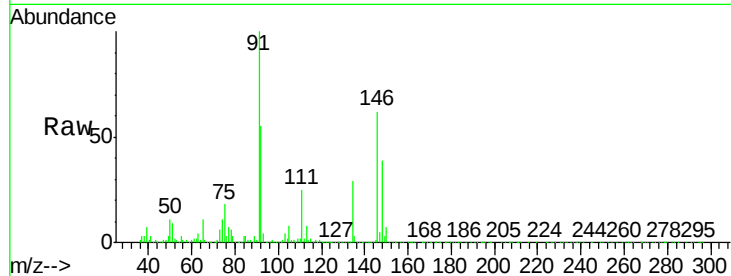
#89
n-Butylbenzene
Concen: 18.813 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	27.1	13.4	40.1

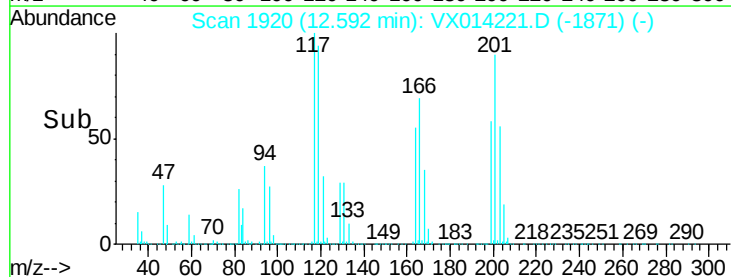
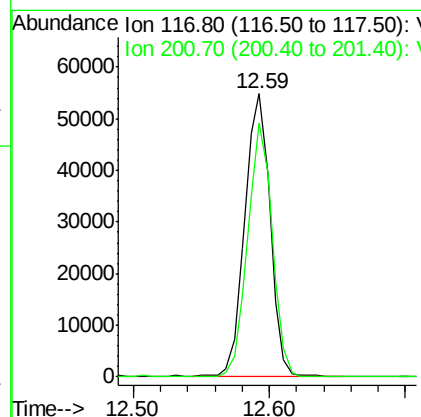
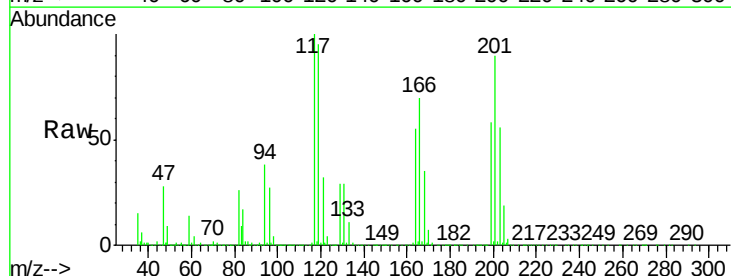
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#90
Hexachloroethane
Concen: 18.114 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 19.051 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Instrument :

MSVOA_X

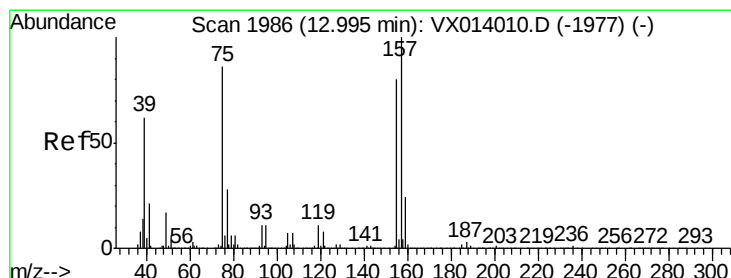
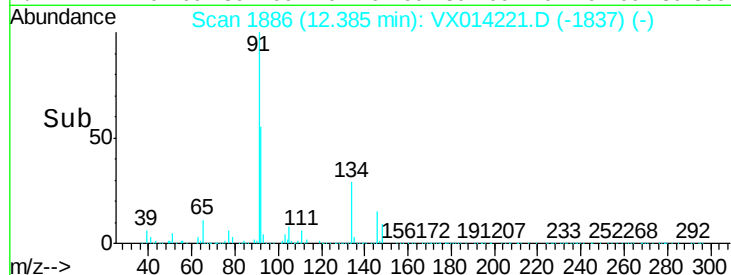
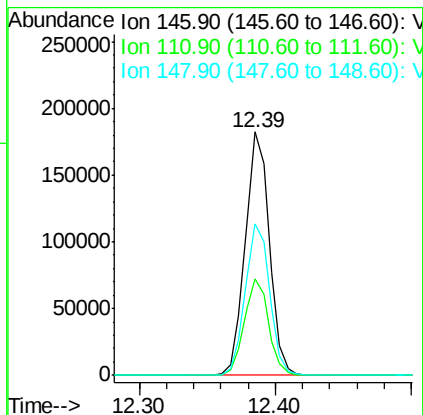
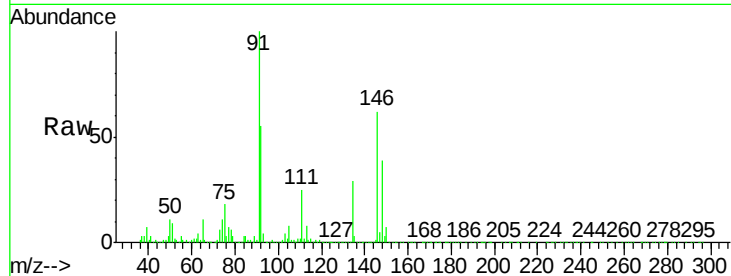
ClientSampleId :

VX1223MBS02

Tot Ion:	146	Resp:	226521
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.7	59.1
148	63.2	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.400 ug/l

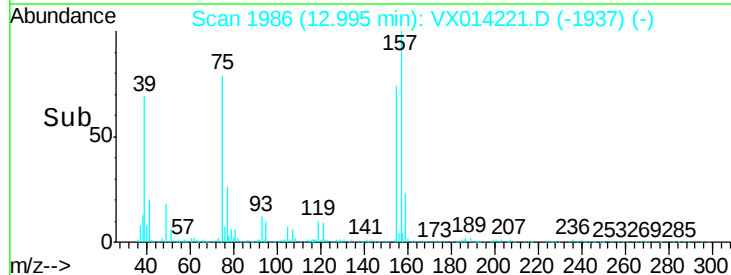
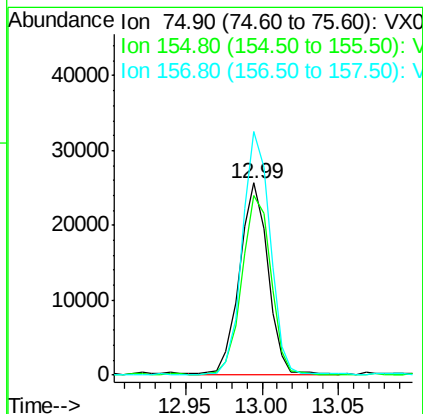
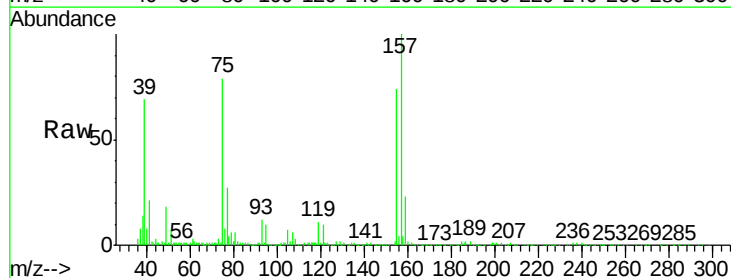
RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014221.D

Acq: 23 Dec 2019 23:45

Tgt Ion:	75	Resp:	32699
Ion Ratio	Lower	Upper	
75	100		
155	96.4	46.9	140.6
157	125.7	60.8	182.4





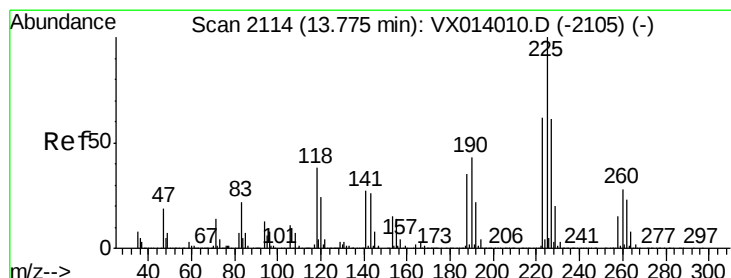
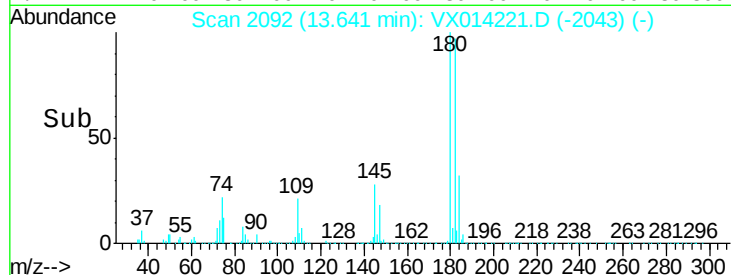
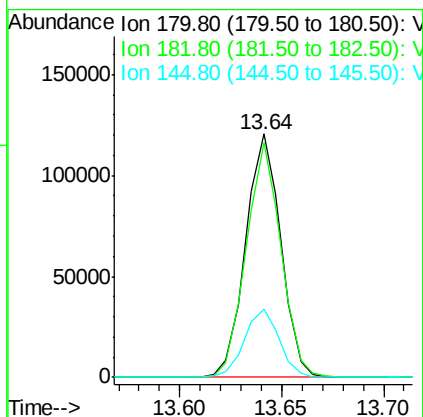
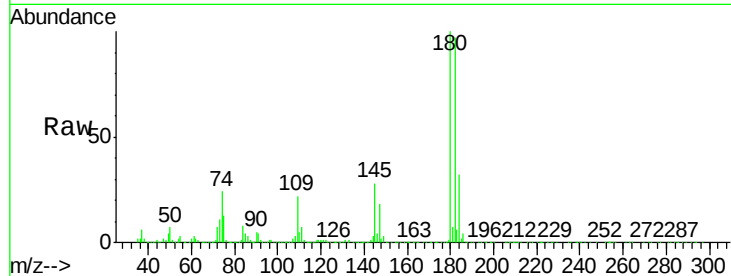
#93
 1,2,4-Trichlorobenzene
 Concen: 18.712 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	144610		
182	96.0	46.6	139.8	
145	28.1	14.2	42.6	

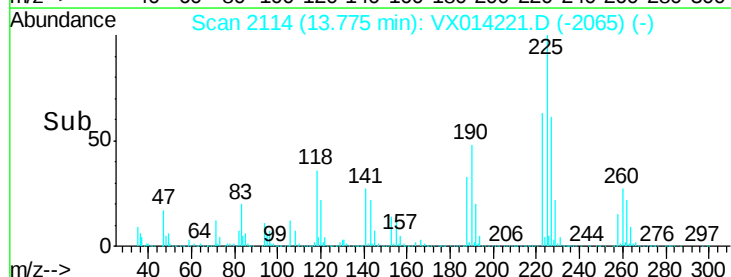
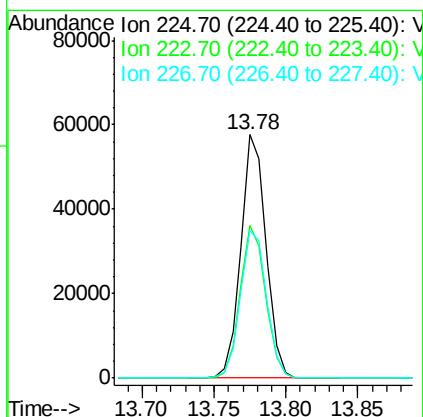
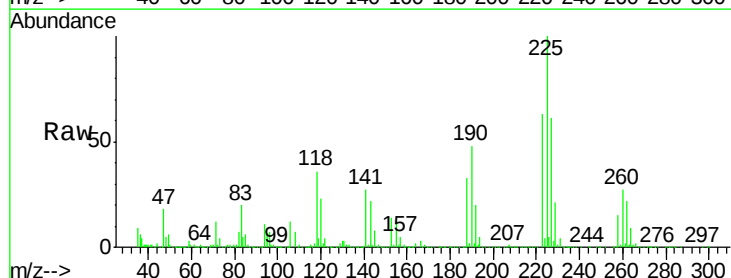
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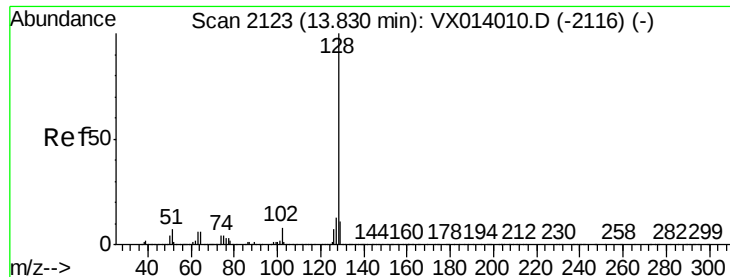
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#94
 Hexachlorobutadiene
 Concen: 18.759 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014221.D
 Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69673		
223	63.6	30.9	92.5	
227	63.4	30.9	92.7	





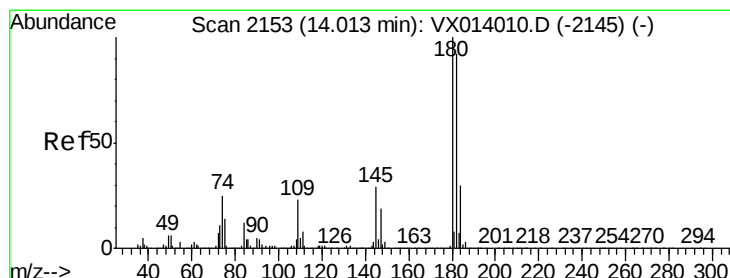
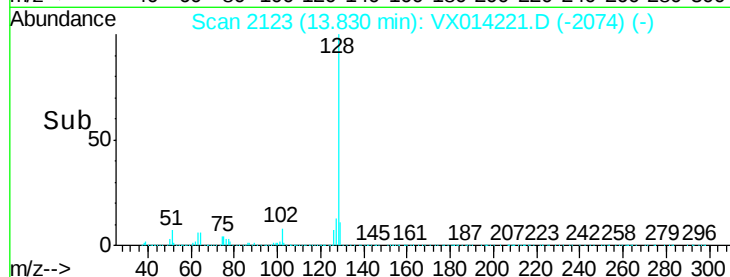
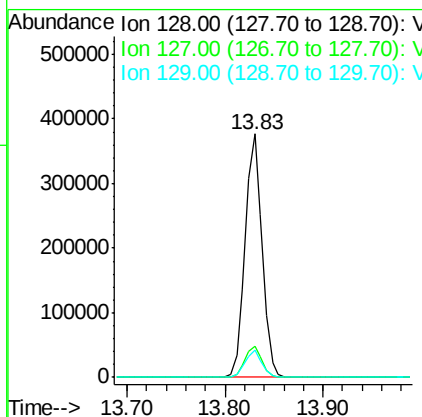
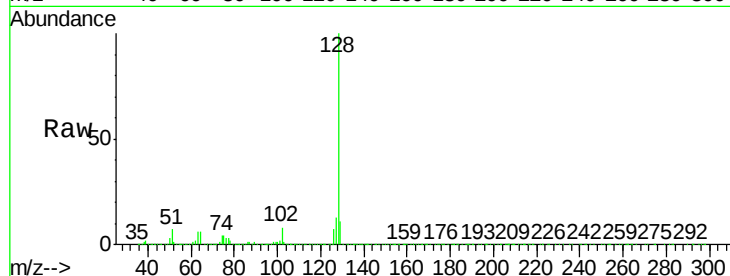
#95
Naphthalene
Concen: 19.937 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/24/2019 12:05:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.383 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014221.D
Acq: 23 Dec 2019 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	30.1	14.8	44.4

