

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013999.D
 Acq On : 13 Dec 2019 02:50
 Operator : JC/SP
 Sample : VX1212WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1212WBSD04

Manual Integrations
 APPROVED

MMDadoda
 12/13/2019 12:40:09 PM

Quant Time: Dec 13 04:51:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	87717	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	498071	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	453125	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	190504	30.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.10%
60) 4-Bromofluorobenzene	11.14	95	210855	28.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.07%
63) Toluene-d8	8.71	98	616105	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	80157	18.090	ug/l 99
3) Chloromethane	1.32	50	116453	18.647	ug/l 97
4) Vinyl Chloride	1.40	62	118673	18.537	ug/l 100
5) Bromomethane	1.63	94	84876	18.136	ug/l 98
6) Chloroethane	1.70	64	74699	18.890	ug/l 98
7) Trichlorofluoromethane	1.92	101	147212	18.479	ug/l 99
8) Diethyl Ether	2.18	74	67895	18.542	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87534	18.424	ug/l 98
10) 1,1-Dichloroethene	2.36	96	92017	18.733	ug/l 97
11) Methyl Iodide	2.50	142	101759	16.093	ug/l 99
12) Methyl Acetate	2.77	43	136753	17.984	ug/l 99
13) Acrolein	2.28	56	100538	109.009	ug/l 99
14) Acrylonitrile	3.13	53	276093	92.877	ug/l 98
15) Acetone	2.44	58	74482	85.291	ug/l 90
16) Carbon Disulfide	2.56	76	243159	18.274	ug/l 97
17) Allyl chloride	2.72	41	156810	17.766	ug/l 98
18) Methylene Chloride	2.85	84	115688	19.221	ug/l 95
19) trans-1,2-Dichloroethene	3.16	96	96312	17.906	ug/l 94
20) Diisopropyl ether	3.84	45	330735	18.261	ug/l 96
21) 1,1-Dichloroethane	3.69	63	179717	18.284	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	113346	18.178	ug/l 99
23) tert-Butyl Alcohol	3.04	59	109289	93.732	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	303805	18.310	ug/l 98
25) Chloroform	5.20	83	171517	18.302	ug/l 98
26) Cyclohexane	5.57	56	159686	18.219	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	128492	17.860	ug/l 99
30) 2-Butanone	4.66	43	380859	89.813	ug/l 100
31) 2,2-Dichloropropane	4.57	77	109796	16.498	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	143402	18.021	ug/l 99
33) Carbon Tetrachloride	5.77	117	119354	17.644	ug/l 96
34) Benzene	6.13	78	412434	18.385	ug/l 99
35) Methacrylonitrile	5.03	41	82849	18.165	ug/l 98
36) 1,2-Dichloroethane	6.19	62	140409	18.018	ug/l 99
37) Trichloroethene	7.21	130	108300	17.742	ug/l 98
38) Methylcyclohexane	7.46	83	153673	17.907	ug/l 99
39) 1,2-Dichloropropane	7.51	63	105009	18.023	ug/l 92
40) Dibromomethane	7.65	93	67241	18.065	ug/l 98

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Manual Integrations
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Quant Time: Dec 13 04:51:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	127953	17.754	ug/l	99
42) Vinyl Acetate	3.80	43	1401575	93.615	ug/l	100
43) Ethyl Acetate	4.82	43	154153	18.945	ug/l	100
44) Isopropyl Acetate	6.44	43	243226	17.847	ug/l	99
45) 1,4-Dioxane	7.73	88	49741	389.749	ug/l	99
46) Methyl methacrylate	7.76	41	118533	17.906	ug/l	97
47) n-amyl Acetate	10.89	43	208851	17.235	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	136126	17.305	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	154920	17.513	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	104343	18.165	ug/l	99
51) Ethyl methacrylate	9.17	69	161247	17.647	ug/l	98
52) 1,3-Dichloropropane	9.37	76	174476	17.877	ug/l	96
53) Dibromochloromethane	9.58	129	102187	17.791	ug/l	99
54) 1,2-Dibromoethane	9.67	107	107085	18.106	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	400316	99.388	ug/l	99
56) Bromoform	10.86	173	73849	16.487	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	771700	91.022	ug/l	99
59) 2-Hexanone	9.49	43	579767	90.109	ug/l	99
61) Tetrachloroethene	9.33	164	105534	17.605	ug/l	95
62) Toluene	8.78	91	438604	18.200	ug/l	100
64) Chlorobenzene	10.14	112	270821	17.937	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	98339	17.590	ug/l	98
66) Ethyl Benzene	10.25	91	477778	18.116	ug/l	100
67) m/p-Xylenes	10.36	106	362748	35.980	ug/l	99
68) o-Xylene	10.70	106	177739	17.796	ug/l	99
69) Styrene	10.71	104	299449	17.631	ug/l	99
70) Isopropylbenzene	11.01	105	462683	17.927	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	162563	17.761	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	146214m	17.947	ug/l	
73) Bromobenzene	11.25	156	122594	17.793	ug/l	99
74) n-propylbenzene	11.35	91	524152	17.905	ug/l	100
75) 2-Chlorotoluene	11.42	91	316555	17.896	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	389577	17.793	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	43546	16.185	ug/l	97
78) 4-Chlorotoluene	11.51	91	352061	17.418	ug/l	98
79) tert-butylbenzene	11.76	119	372533	17.652	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	387881	17.717	ug/l	100
81) sec-Butylbenzene	11.94	105	437855	17.443	ug/l	99
82) p-Isopropyltoluene	12.06	119	398215	17.579	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	207922	17.314	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	208491	17.435	ug/l	98
85) n-Butylbenzene	12.39	91	317413	16.666	ug/l	100
86) Hexachloroethane	12.59	117	70089	17.056	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	216344	17.736	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	32354	17.735	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	129491	16.610	ug/l	98
90) Hexachlorobutadiene	13.78	225	63790	17.214	ug/l	99
91) Naphthalene	13.83	128	402401	17.173	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	138222	17.480	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1212WBSD04

Manual Integrations
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Quant Time: Dec 13 04:51:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

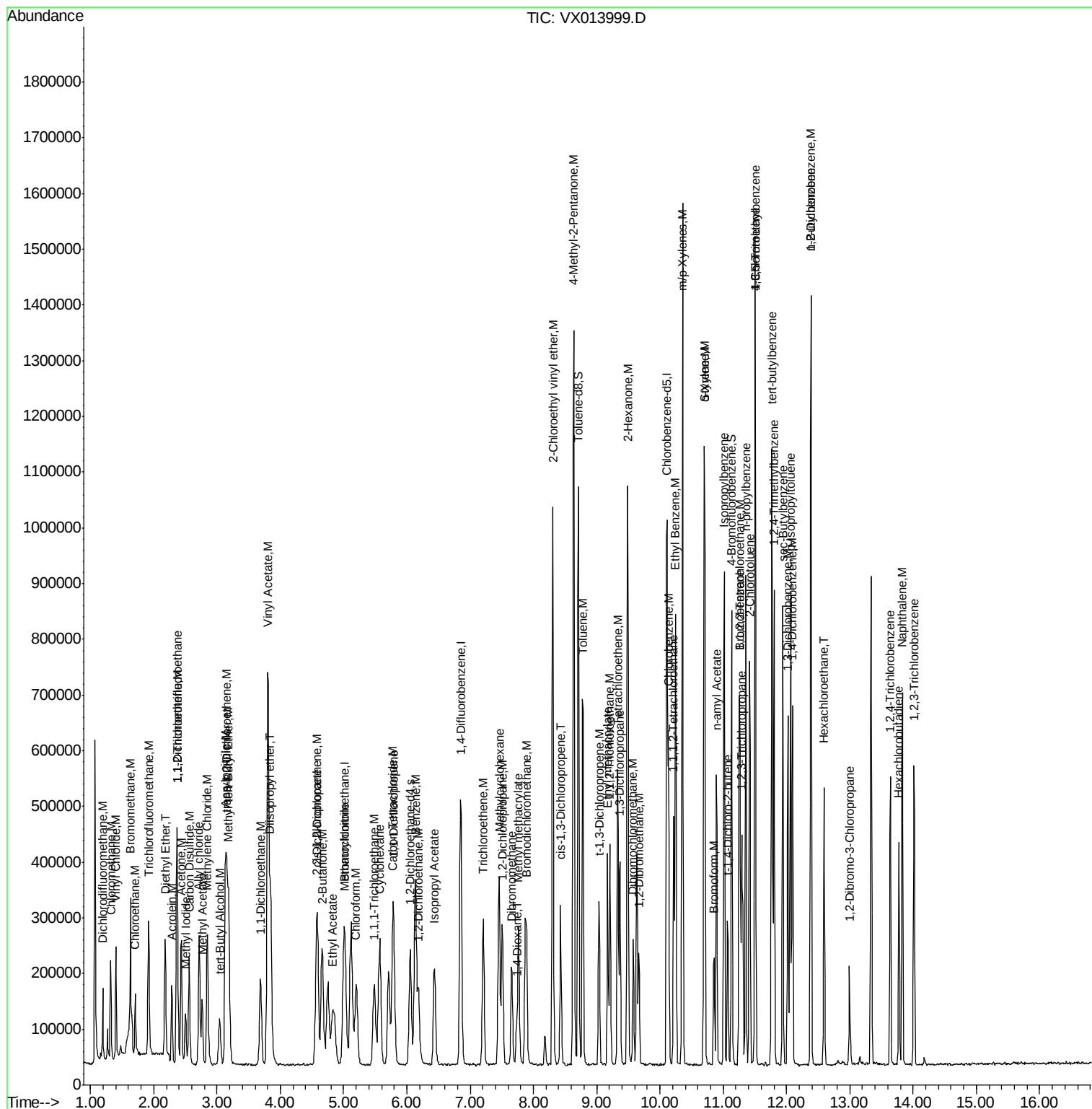
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121219\  
Data File : VX013999.D  
Acq On    : 13 Dec 2019   02:50  
Operator  : JC/SP  
Sample    : VX1212WBSD04  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 40      Sample Multiplier: 1
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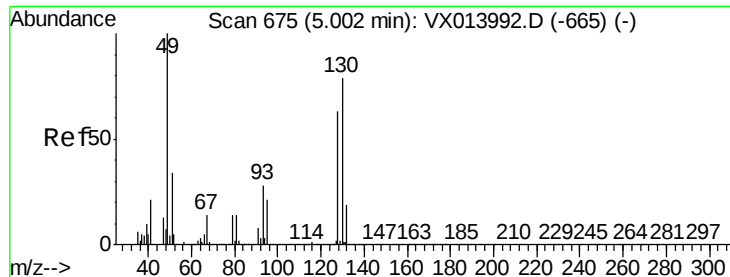
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Manual Integrations APPROVED

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Quant Time: Dec 13 04:51:54 2019
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#1

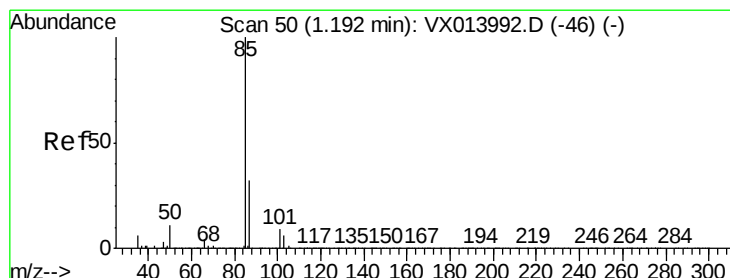
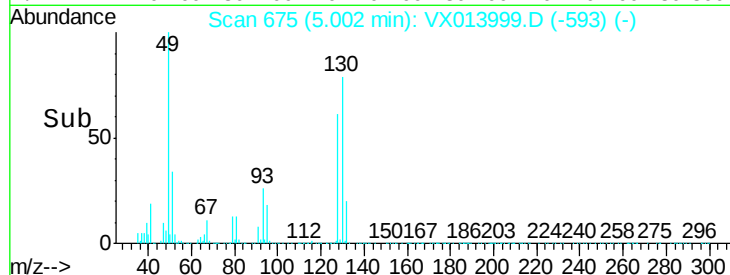
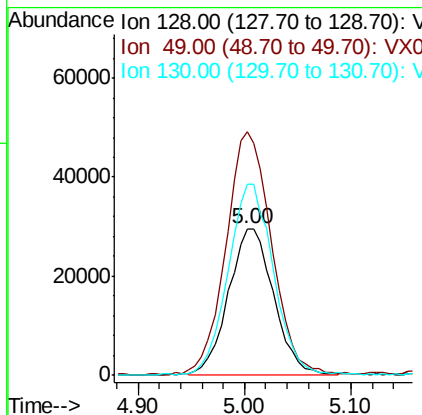
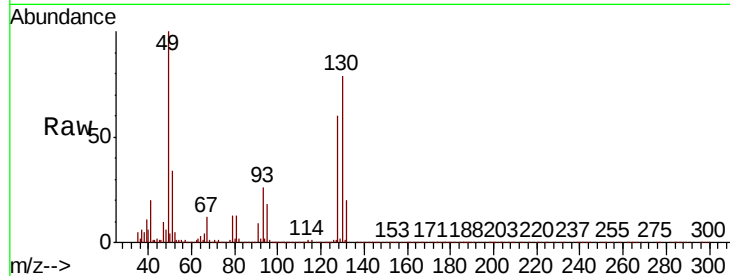
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
128	100		
49	166.6	0.0	405.0
130	130.4	0.0	321.5

Manual Integrations
APPROVED

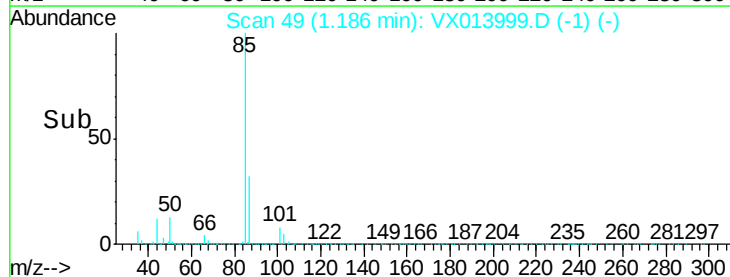
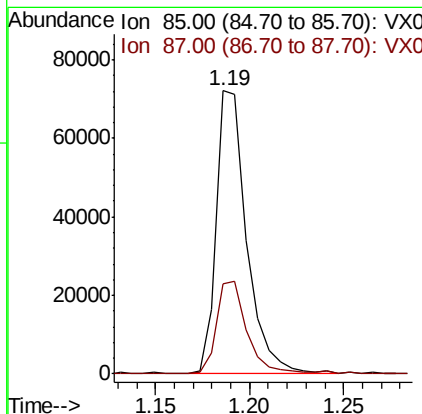
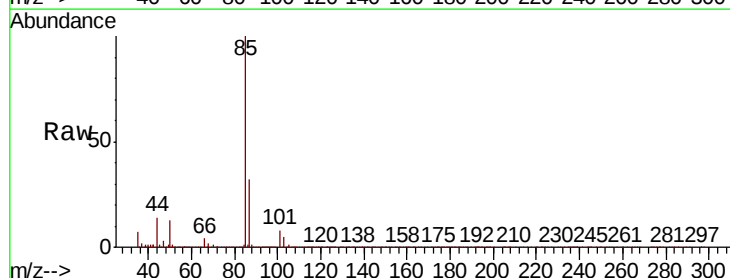
MMDadoda
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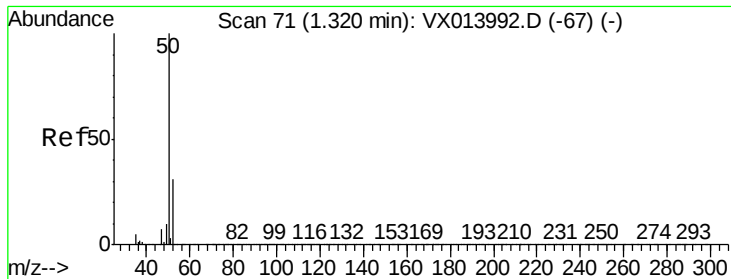


#2

Dichlorodifluoromethane
Concen: 18.090 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.3	48.9





#3

Chloromethane

Concen: 18.647 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 50 Resp: 116453

Ion Ratio Lower Upper

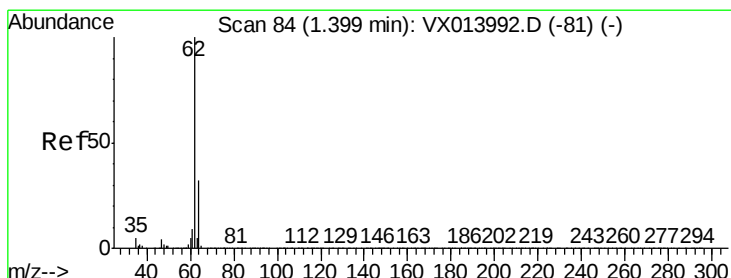
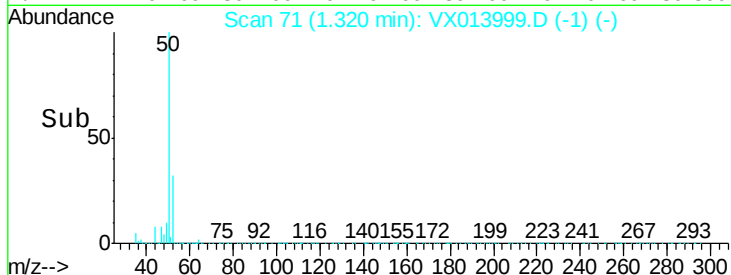
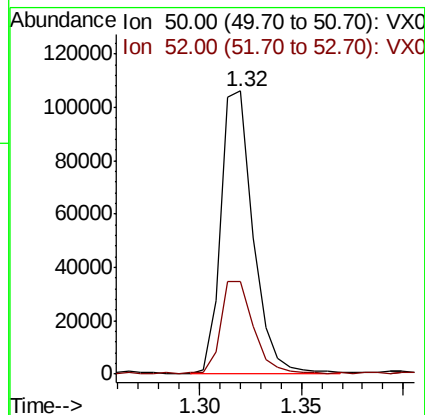
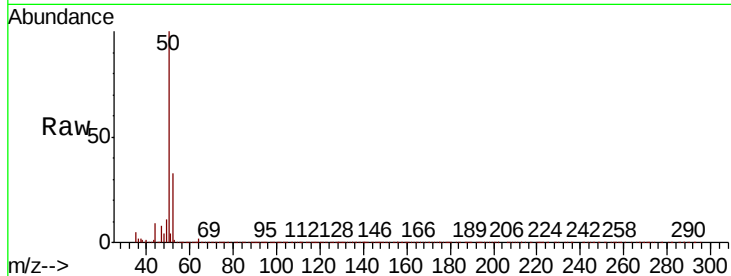
50 100

52 32.2 24.3 36.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.537 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013999.D

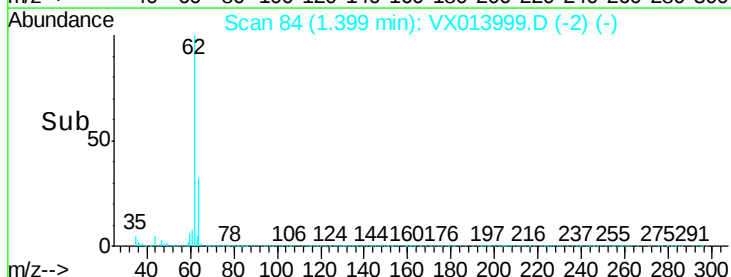
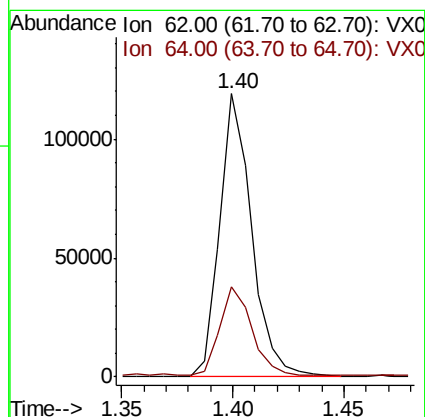
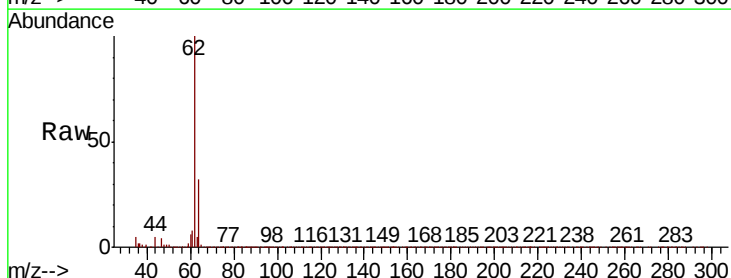
Acq: 13 Dec 2019 02:50

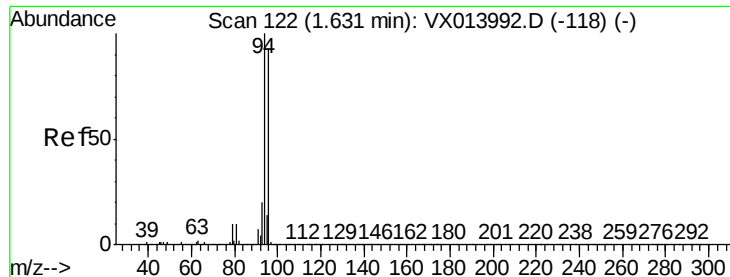
Tgt Ion: 62 Resp: 118673

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 18.136 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 94 Resp: 84876

Ion Ratio Lower Upper

94 100

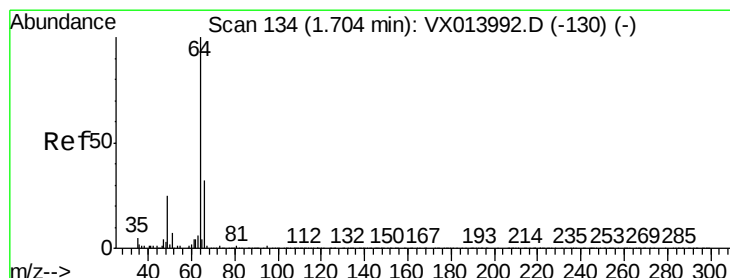
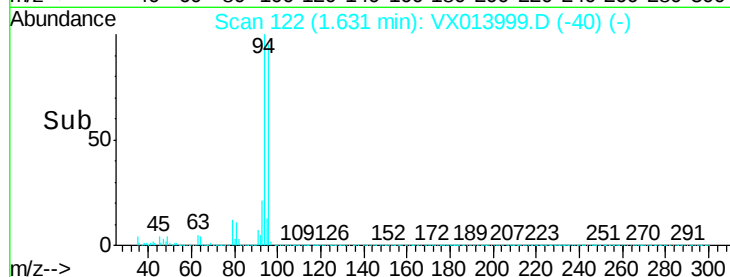
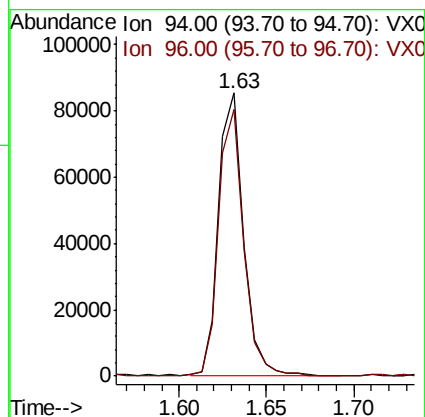
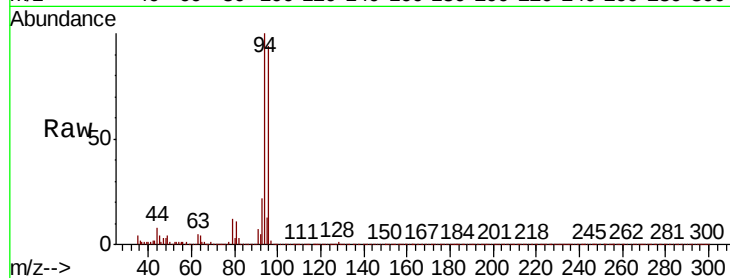
96 94.6 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 18.890 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013999.D

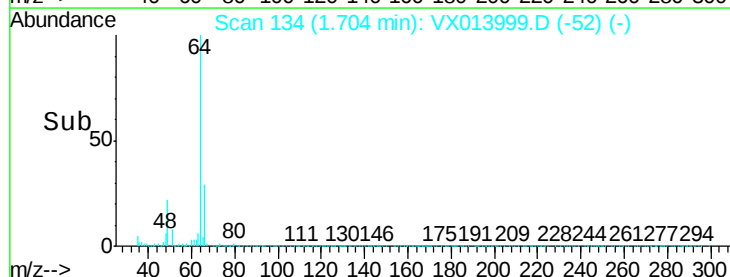
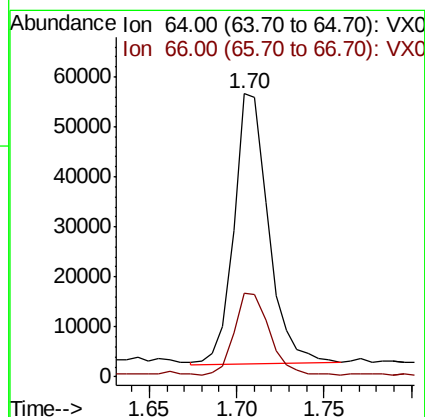
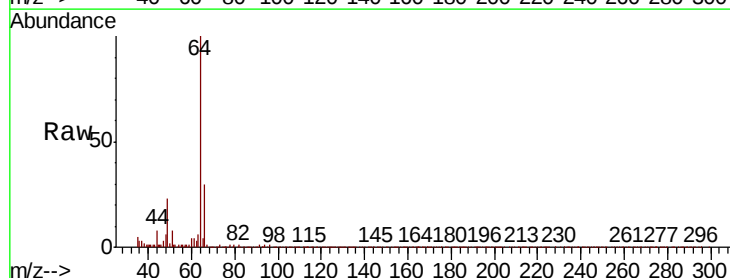
Acq: 13 Dec 2019 02:50

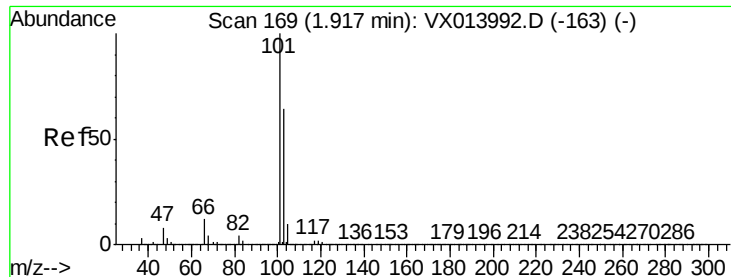
Tgt Ion: 64 Resp: 74699

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8





#7

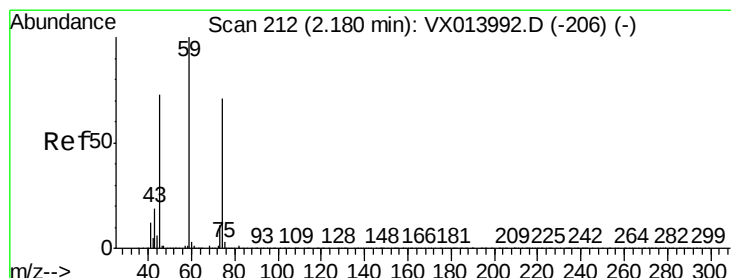
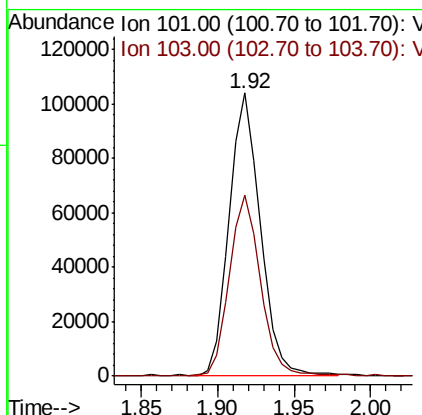
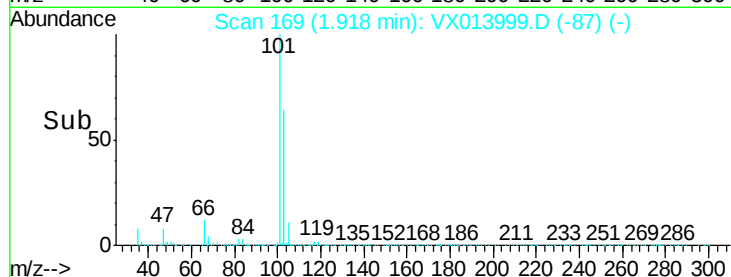
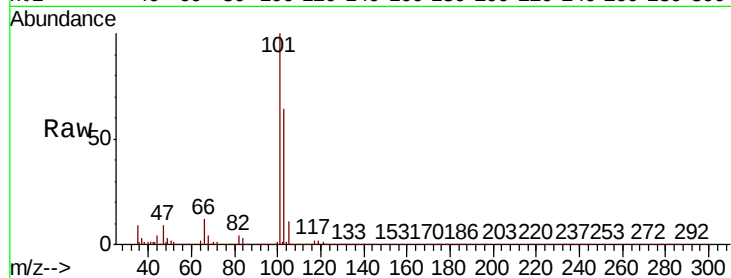
Trichlorofluoromethane
Concen: 18.479 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.6	77.4

Manual Integrations
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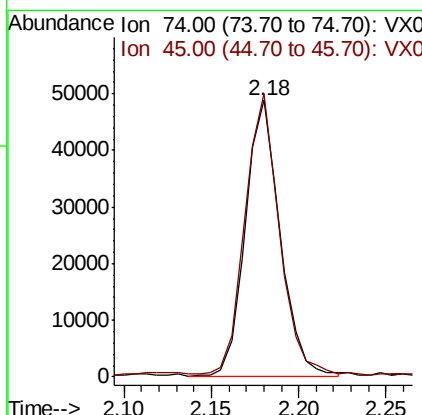
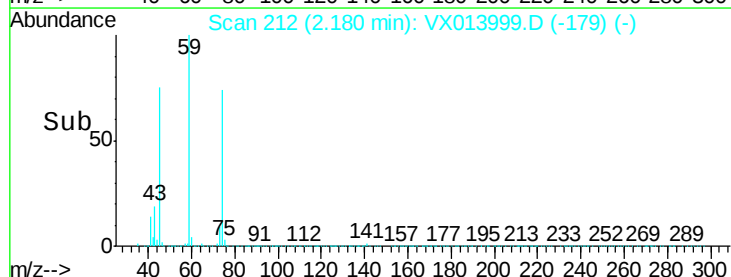
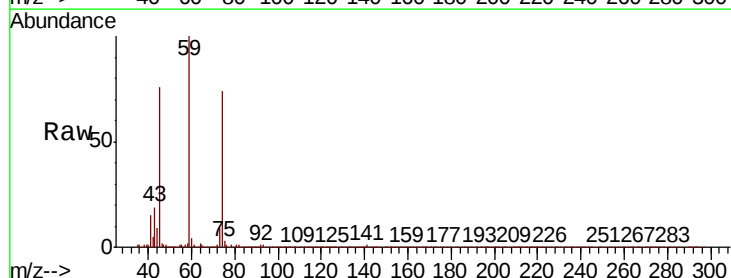
MMDadoda
12/13/2019 12:40:09 PM

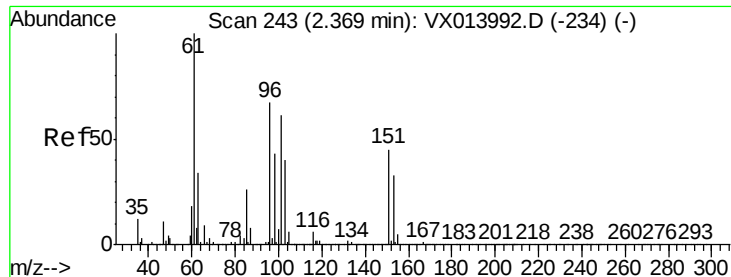


#8

Diethyl Ether
Concen: 18.542 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.424 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

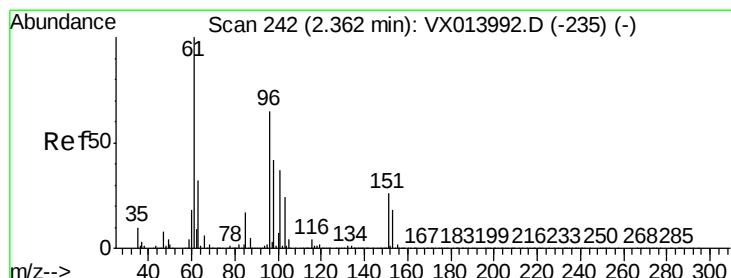
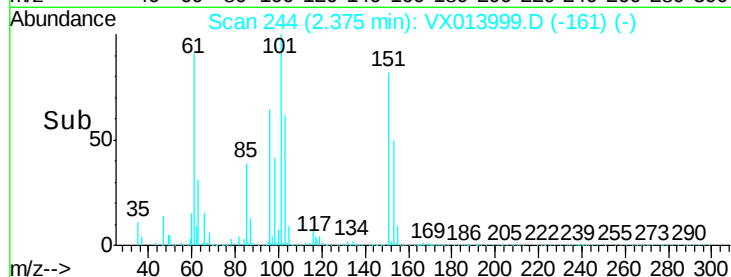
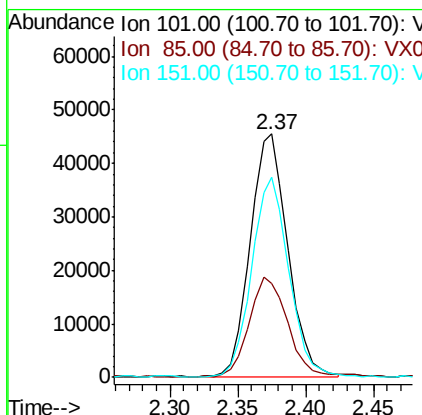
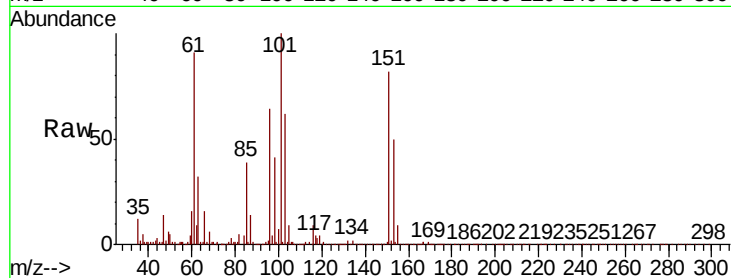
ClientSampleId :

VX1212WBSD04

Tot Ion:	101	Resp:	87534
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	85.6
151	81.6	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 18.733 ug/l

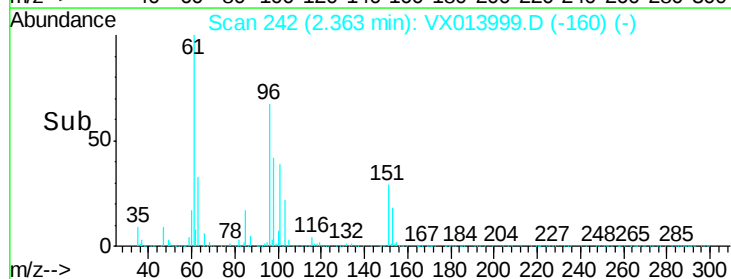
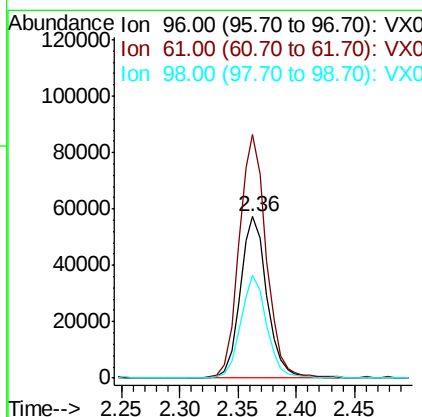
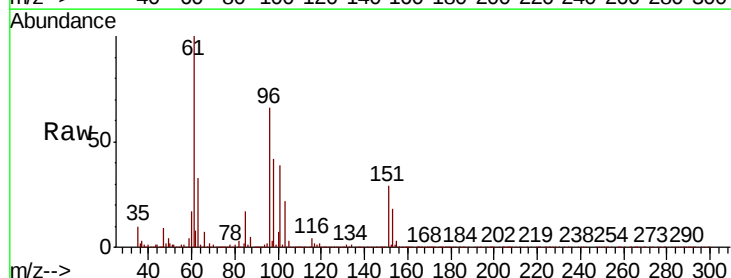
RT: 2.36 min Scan# 242

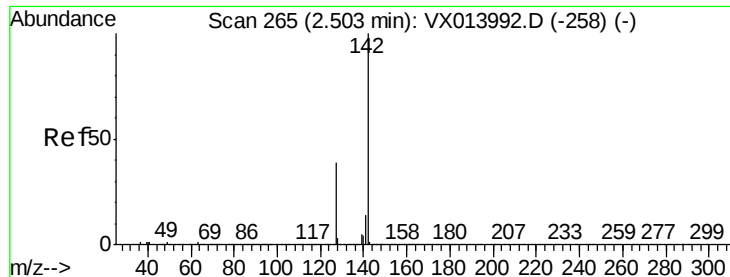
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	96	Resp:	92017
Ion Ratio	Lower	Upper	
96	100		
61	149.9	123.0	184.6
98	62.8	51.4	77.0





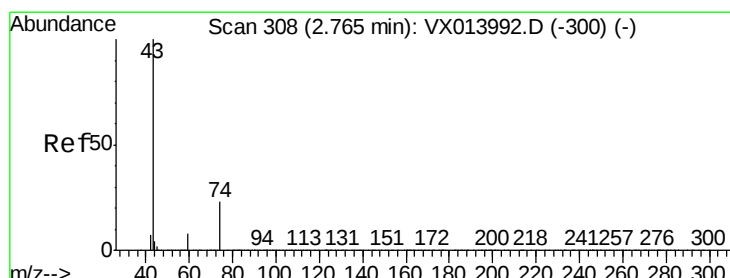
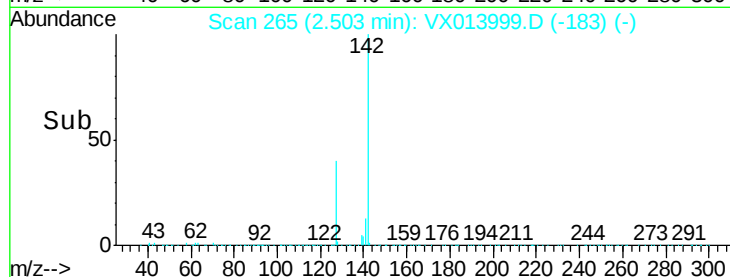
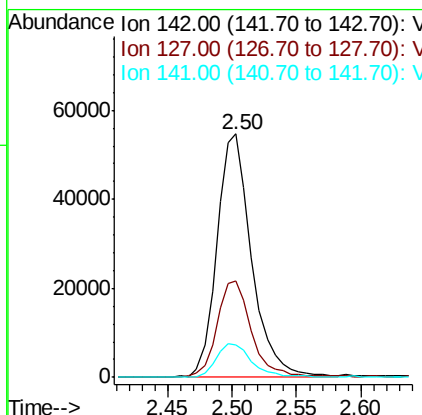
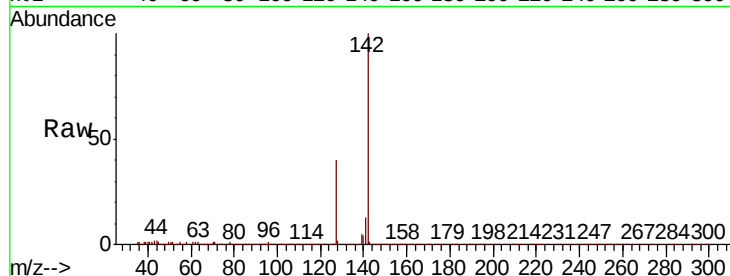
#11
Methyl Iodide
Concen: 16.093 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.2	19.5	58.5
141	13.2	7.0	20.9

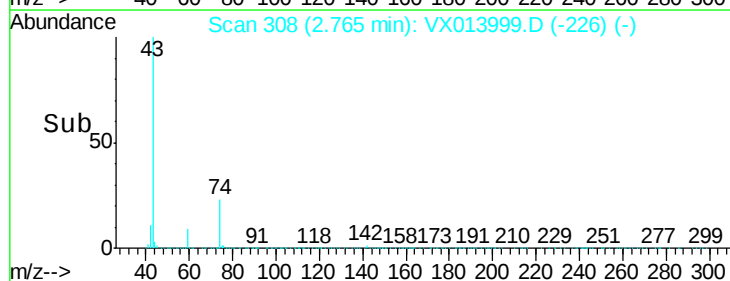
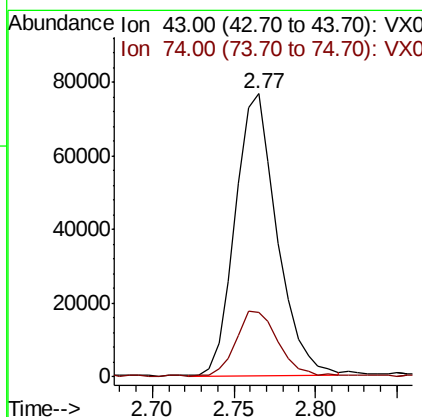
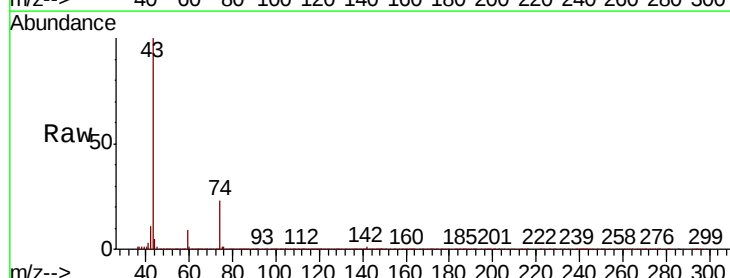
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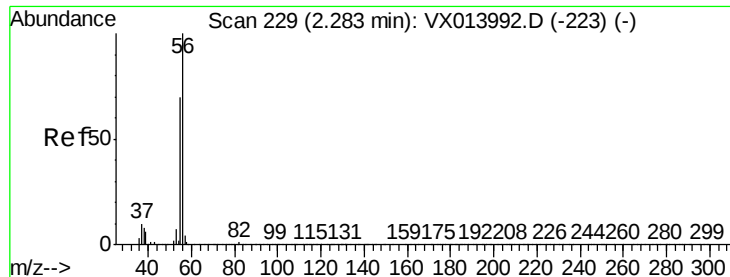
MMDadoda
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#12
Methyl Acetate
Concen: 17.984 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.5	27.7





#13

Acrolein

Concen: 109.009 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 56 Resp: 100538

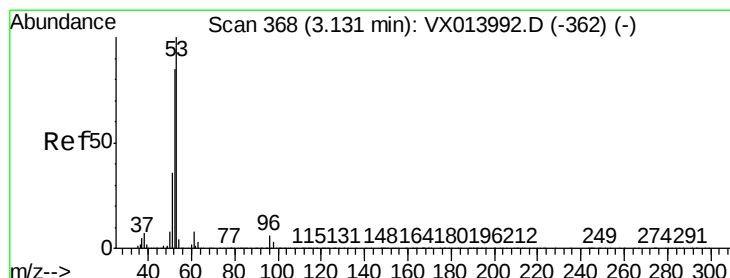
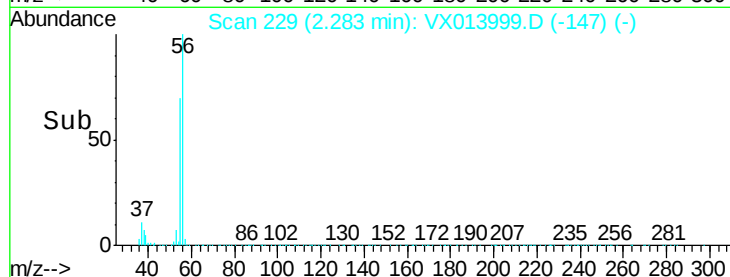
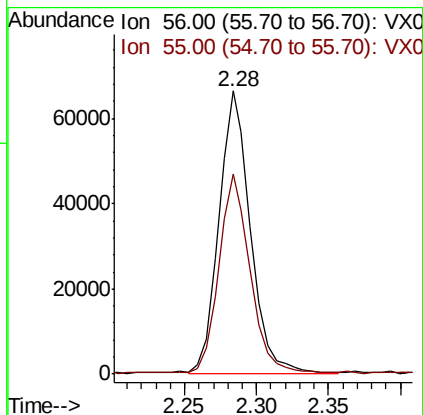
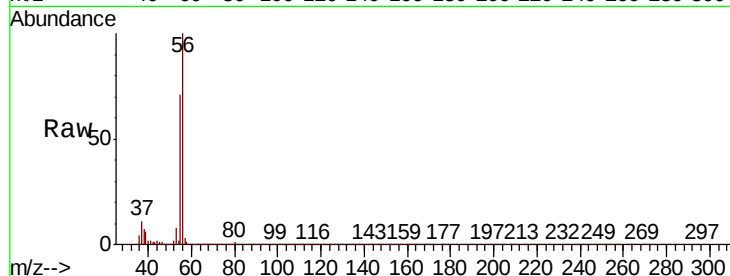
Ion Ratio Lower Upper

56 100

55 69.6 54.9 82.3

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#14

Acrylonitrile

Concen: 92.877 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

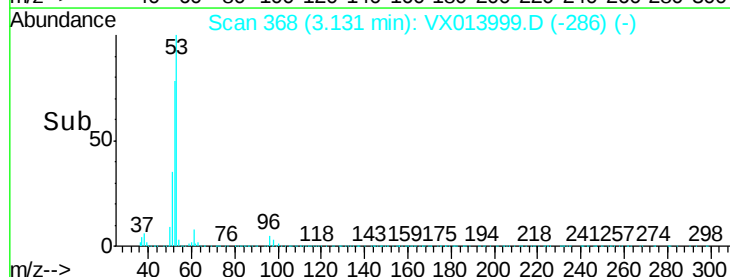
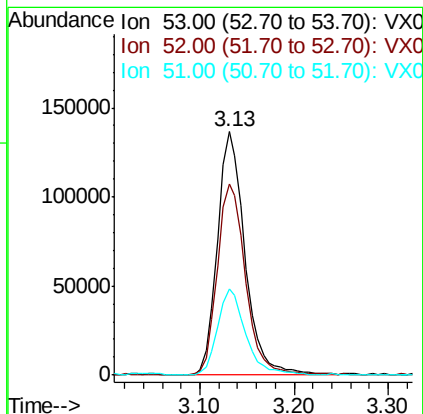
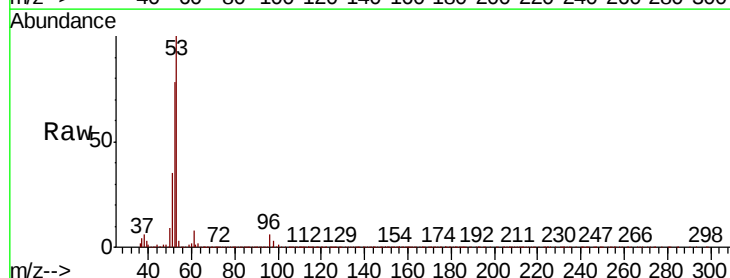
Tgt Ion: 53 Resp: 276093

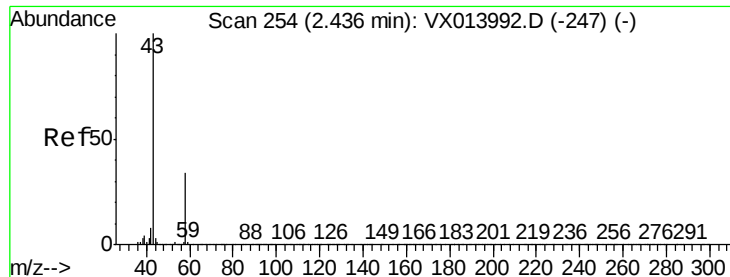
Ion Ratio Lower Upper

53 100

52 80.8 41.5 124.6

51 35.8 17.8 53.5





#15

Acetone

Concen: 85.291 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 58 Resp: 74482

Ion Ratio Lower Upper

58 100

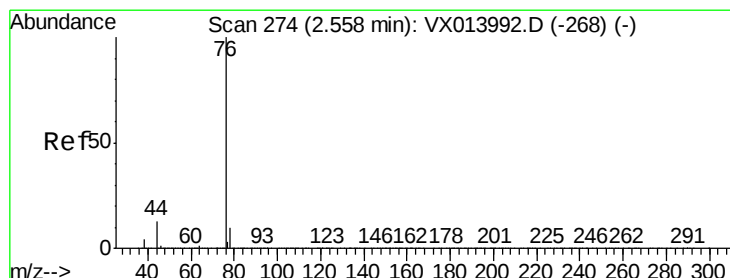
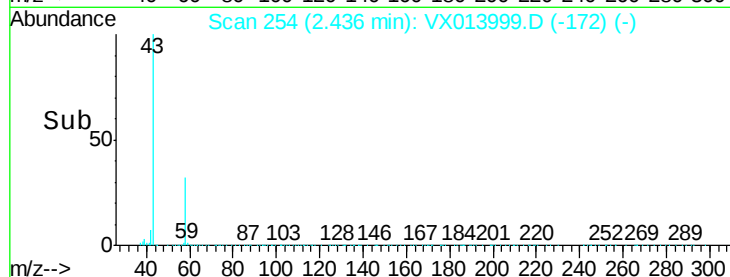
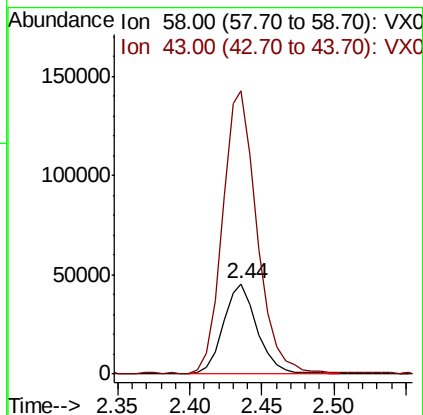
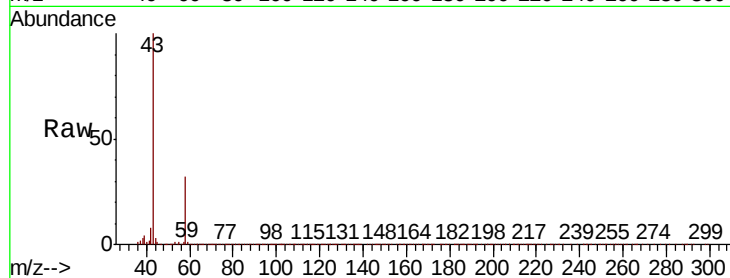
43 314.4 236.3 354.5

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#16

Carbon Disulfide

Concen: 18.274 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013999.D

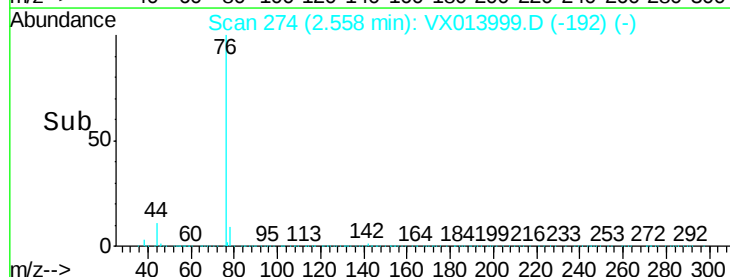
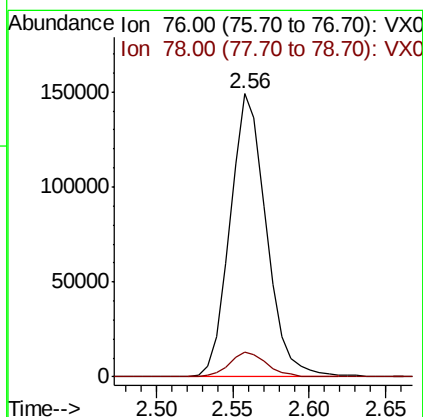
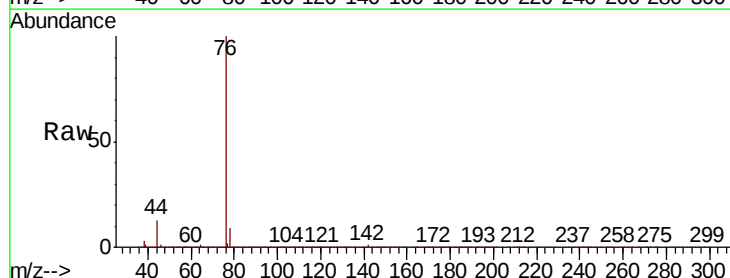
Acq: 13 Dec 2019 02:50

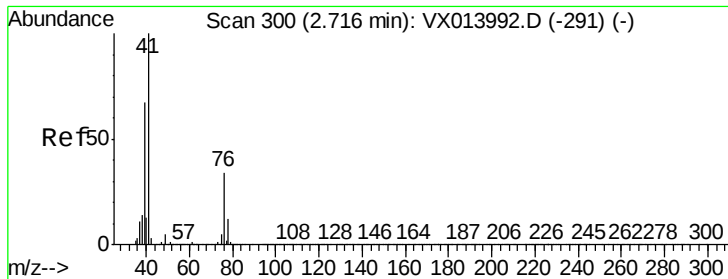
Tgt Ion: 76 Resp: 243159

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8





#17

Allvl chloride

Concen: 17.766 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

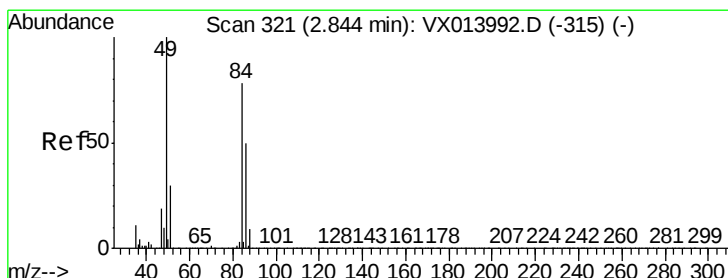
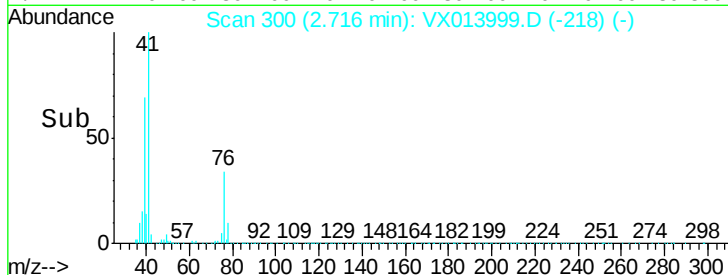
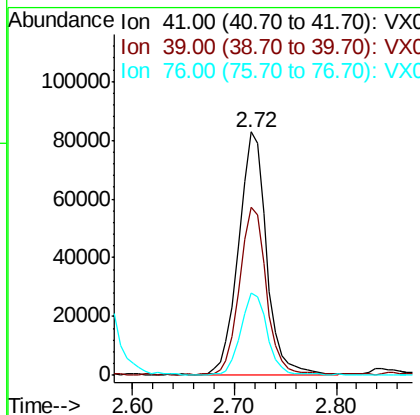
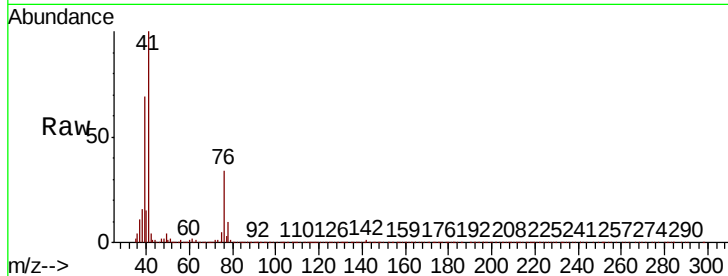
ClientSampleId :

VX1212WBSD04

Tot Ion:	41	Resp:	156810
Ion	Ratio	Lower	Upper
41	100		
39	68.6	33.4	100.2
76	33.5	17.0	50.9

Manual Integrations
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#18

Methylene Chloride

Concen: 19.221 ug/l

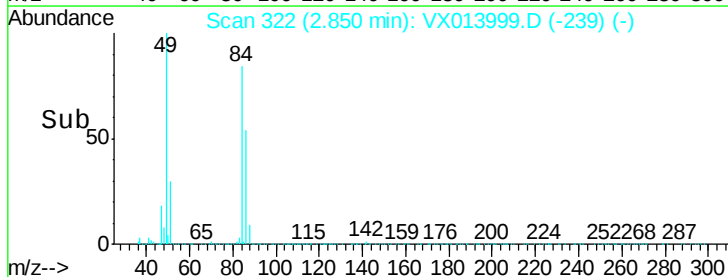
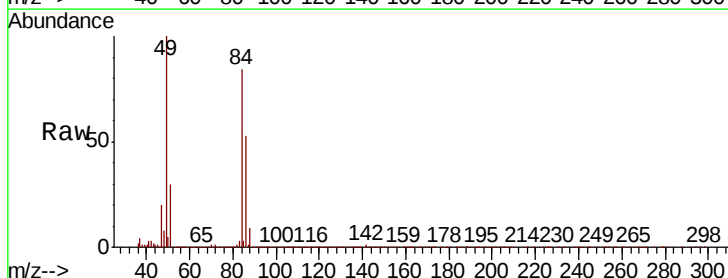
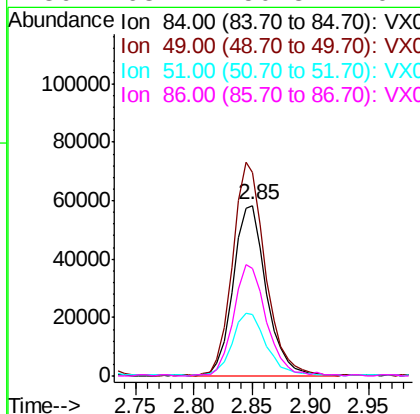
RT: 2.85 min Scan# 322

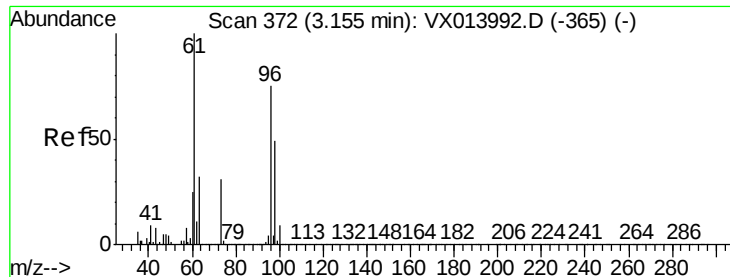
Delta R.T. 0.01 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	84	Resp:	115688
Ion	Ratio	Lower	Upper
84	100		
49	119.2	102.2	153.2
51	36.0	31.4	47.0
86	63.4	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 17.906 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

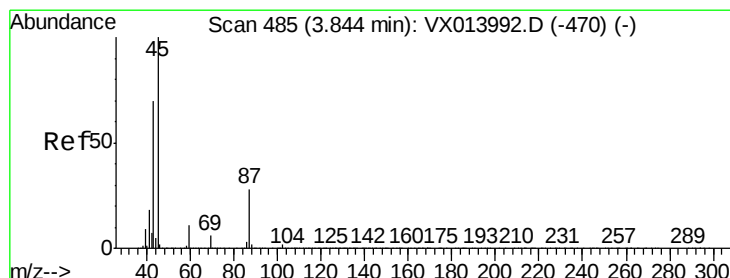
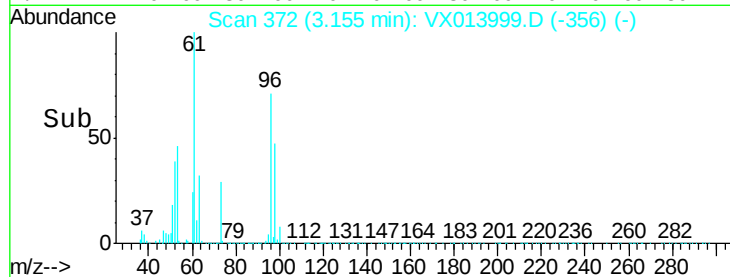
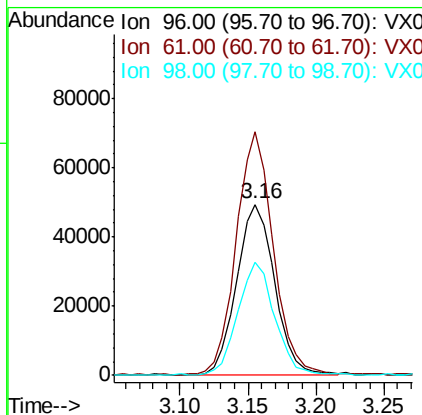
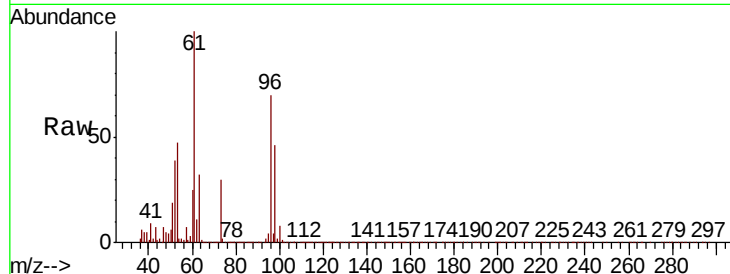
ClientSampleId :

VX1212WBSD04

Tot Ion:	96	Resp:	96312
Ion	Ratio	Lower	Upper
96	100		
61	142.1	106.6	159.8
98	65.6	51.6	77.4

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#20

Diisopropyl ether

Concen: 18.261 ug/l

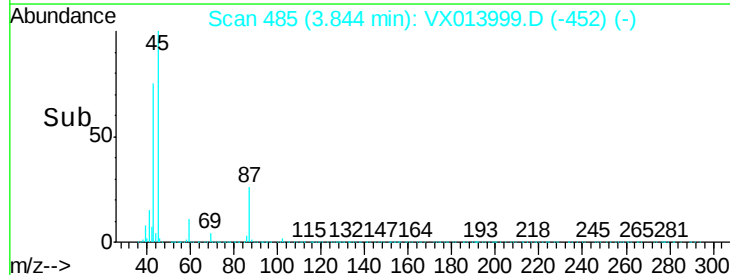
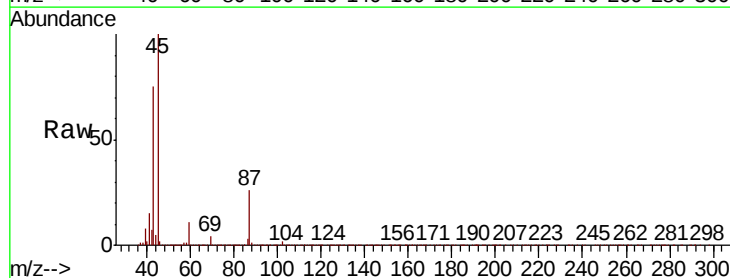
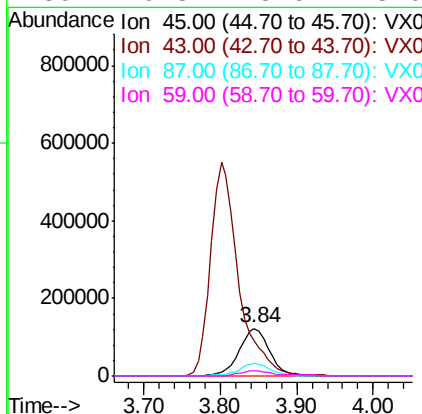
RT: 3.84 min Scan# 485

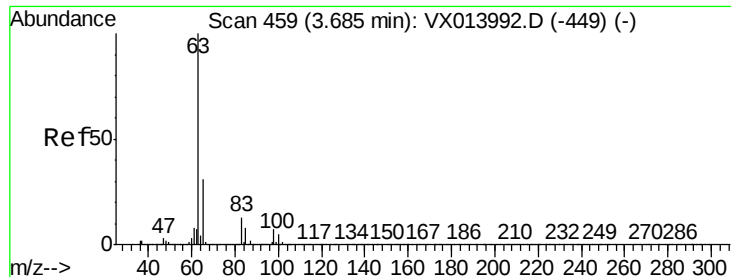
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	45	Resp:	330735
Ion	Ratio	Lower	Upper
45	100		
43	73.9	55.9	83.9
87	26.0	22.2	33.2
59	10.8	8.6	13.0





#21

1,1-Dichloroethane

Concen: 18.284 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

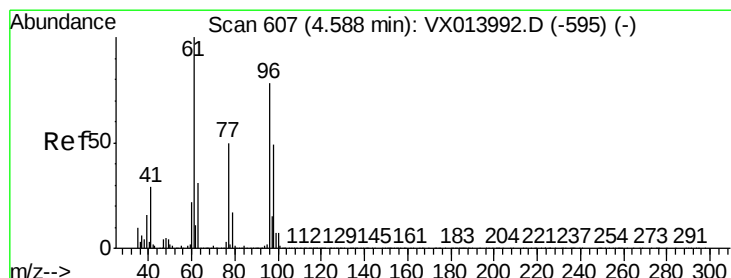
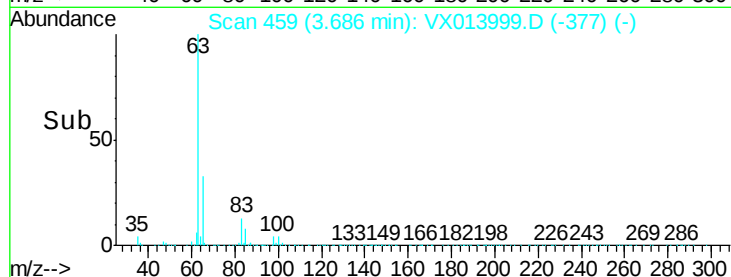
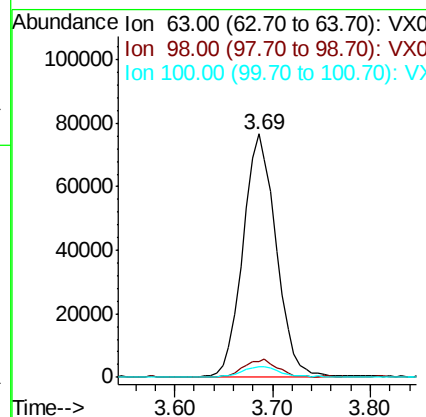
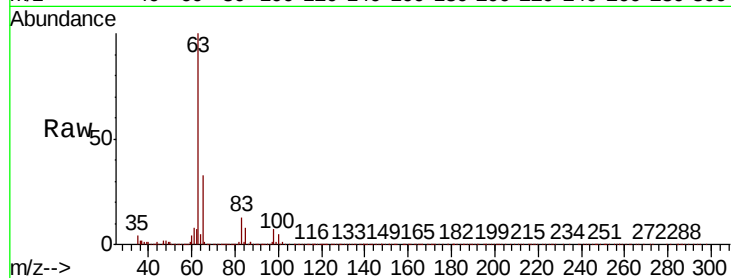
ClientSampleId :

VX1212WBSD04

Tot Ion:	63	Resp:	179717
Ion Ratio		Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.4	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 18.178 ug/l

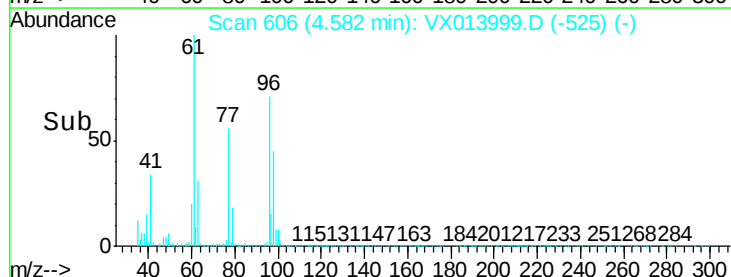
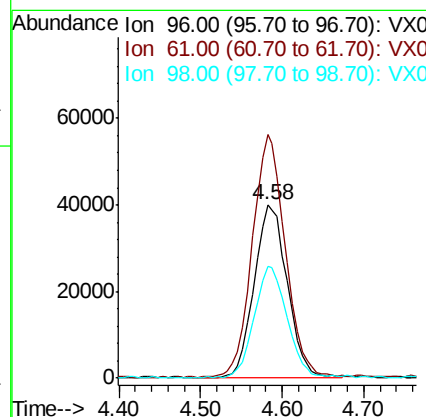
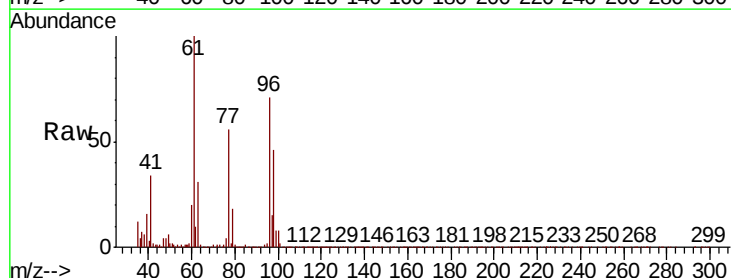
RT: 4.58 min Scan# 606

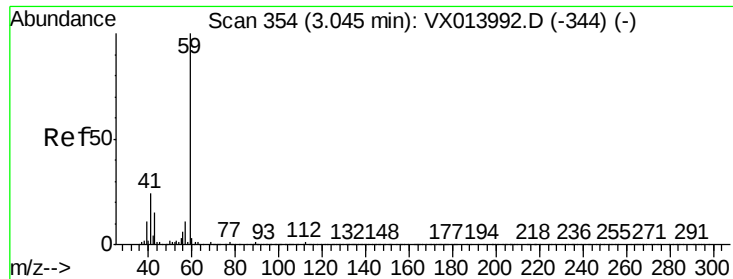
Delta R.T. -0.01 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	96	Resp:	113346
Ion Ratio		Lower	Upper
96	100		
61	138.7	112.4	168.6
98	63.8	50.3	75.5





#23

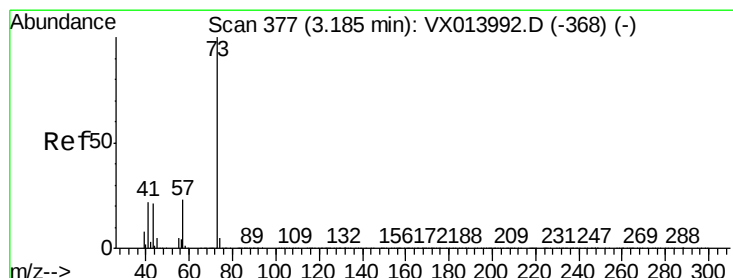
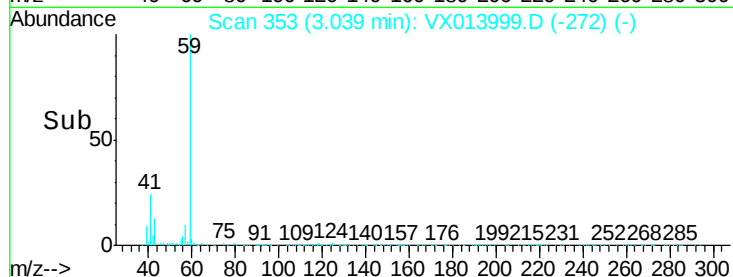
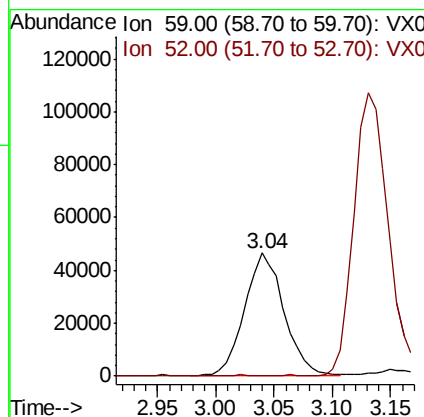
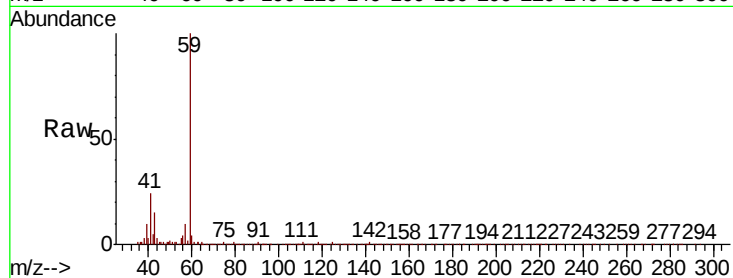
tert-Butyl Alcohol
Concen: 93.732 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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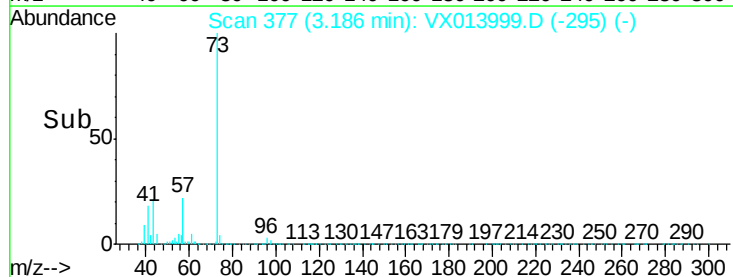
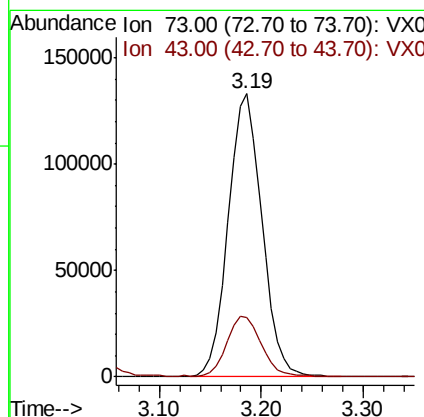
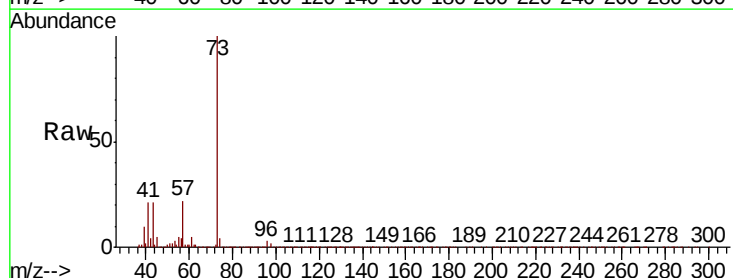
MMDadoda
12/13/2019 12:40:09 PM

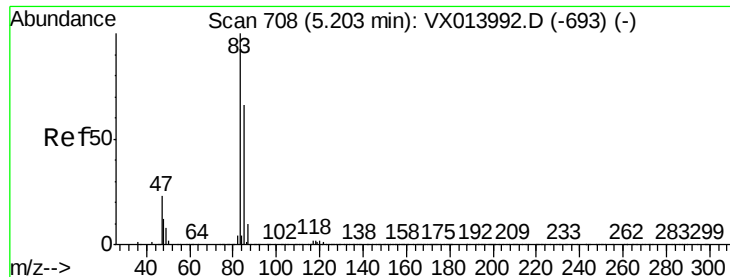


#24

Methyl tert-Butyl Ether
Concen: 18.310 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.9	16.6	25.0





#25

Chloroform

Concen: 18.302 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 83 Resp: 171517

Ion Ratio Lower Upper

83 100

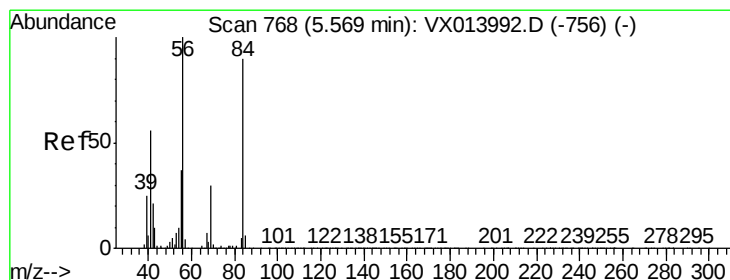
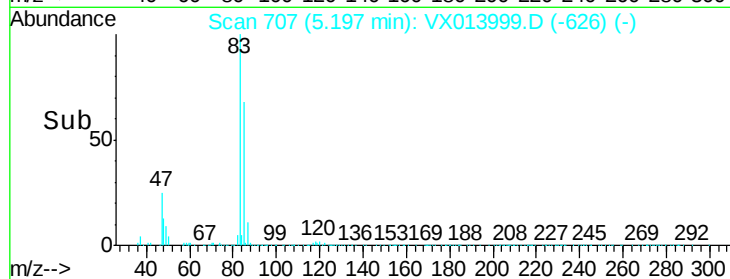
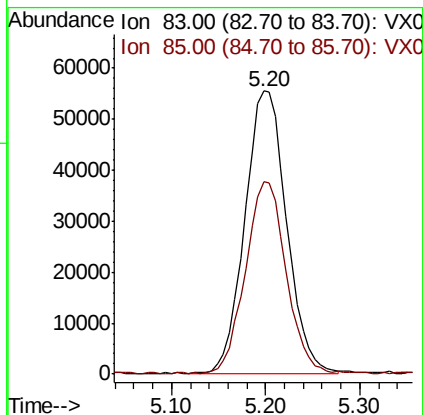
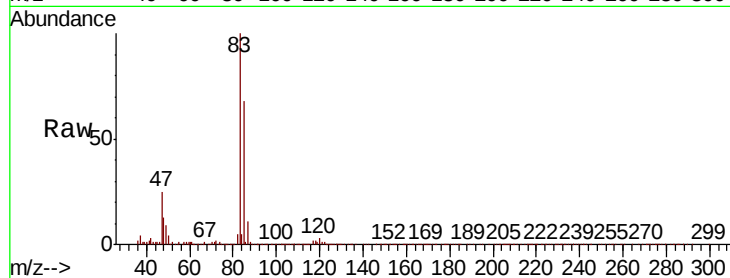
85 67.7 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 18.219 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

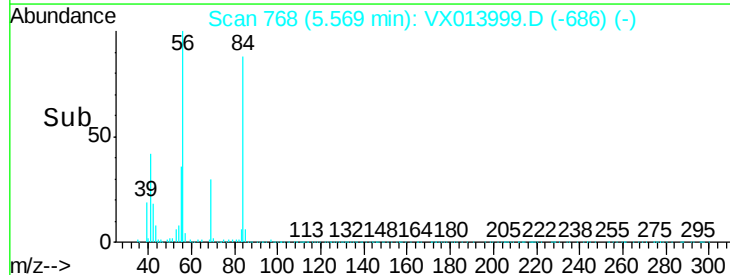
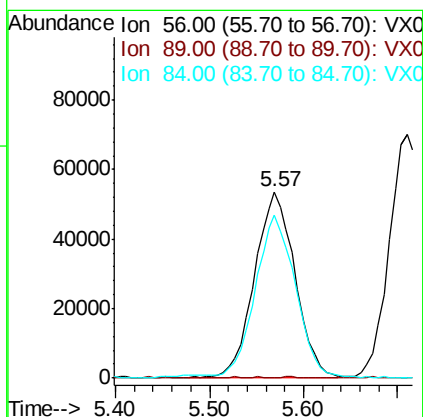
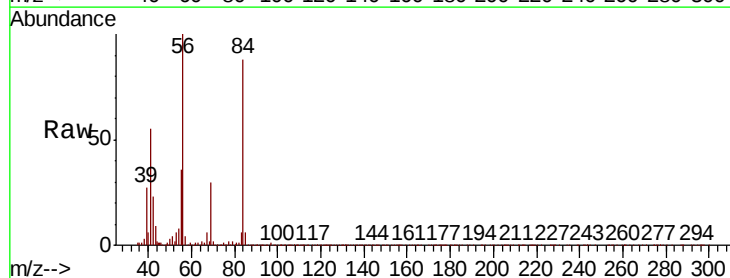
Tgt Ion: 56 Resp: 159686

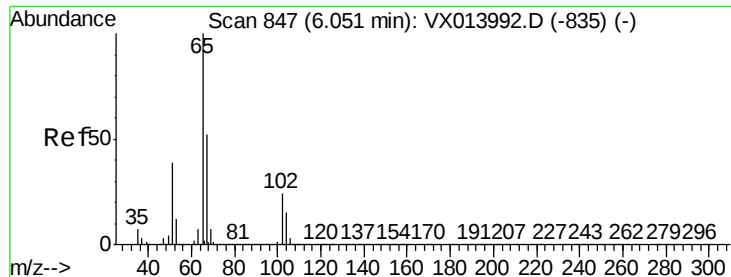
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 86.7 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 30.325 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 65 Resp: 190504

Ion Ratio Lower Upper

65 100

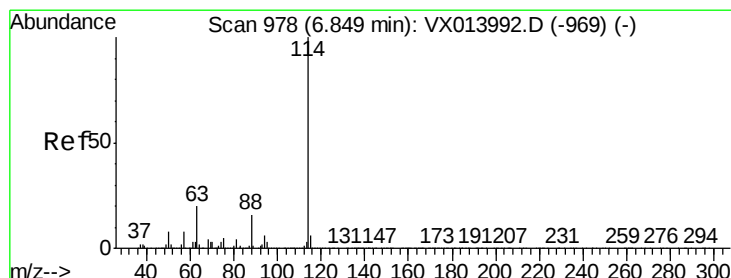
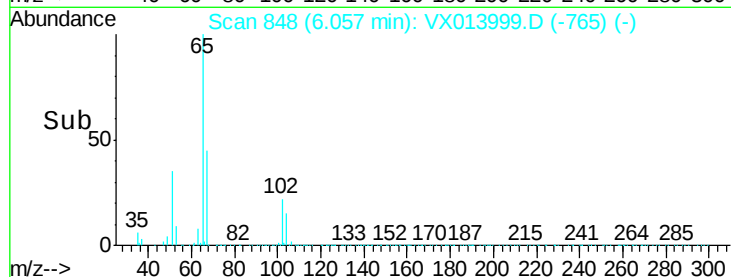
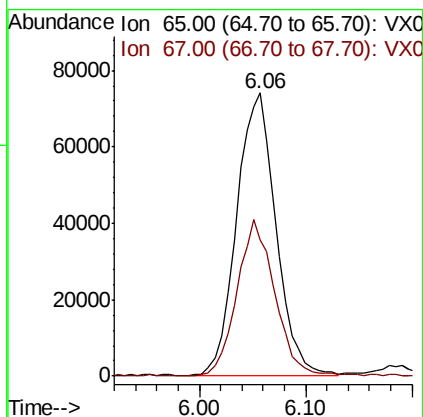
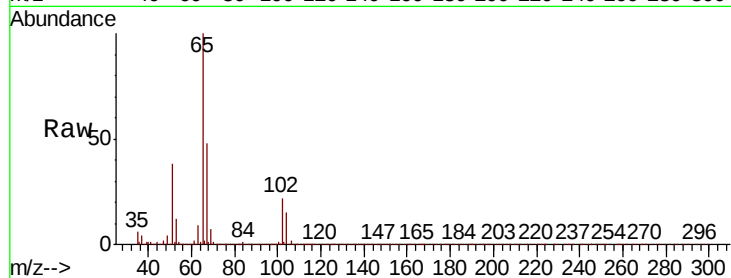
67 53.6 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

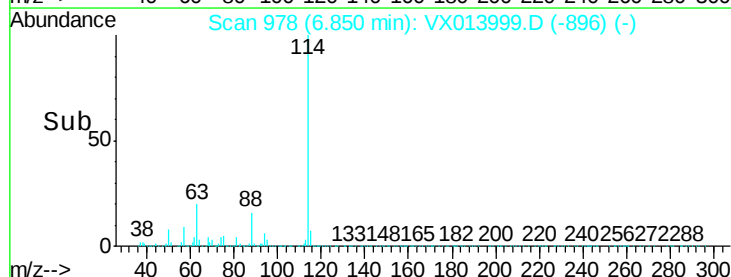
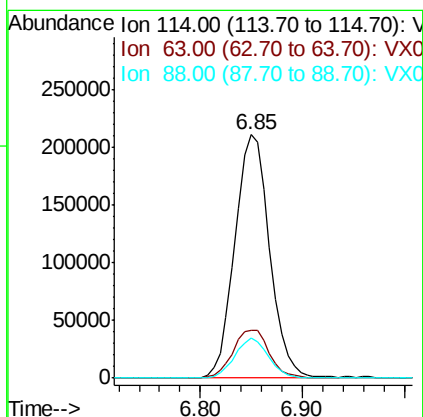
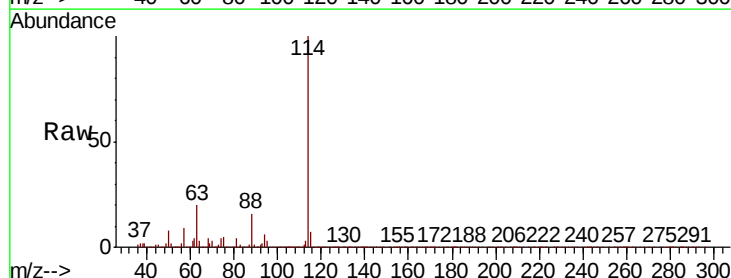
Tgt Ion: 114 Resp: 498071

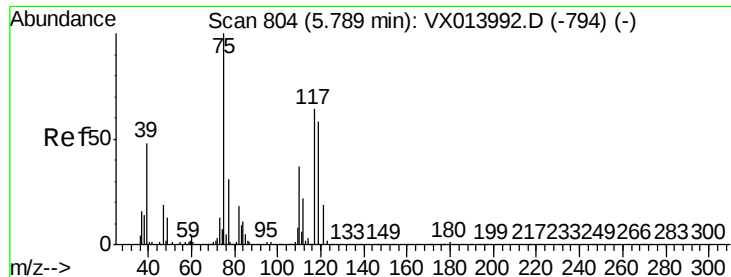
Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

88 15.8 12.5 18.7





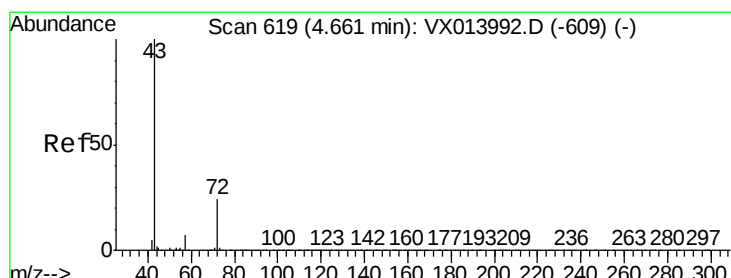
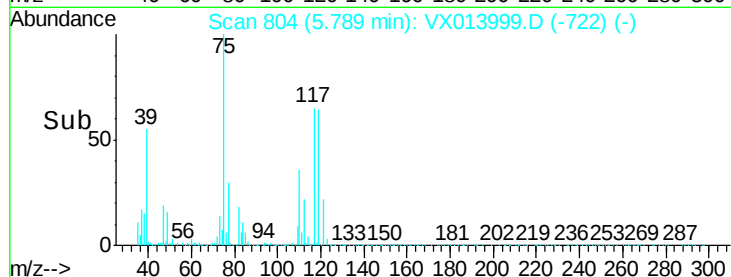
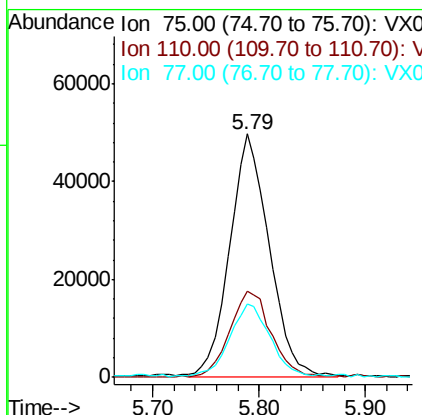
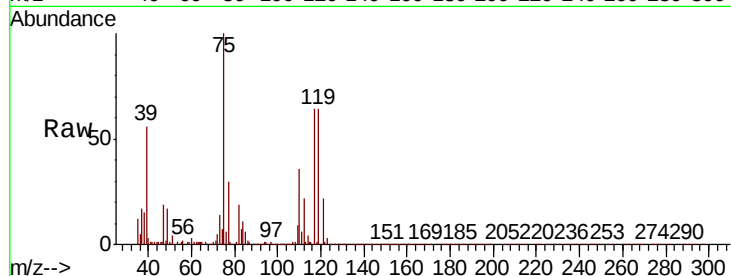
#29
 1,1-Dichloropropene
 Concen: 17.860 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	73.8
77	30.1	0.0	62.4

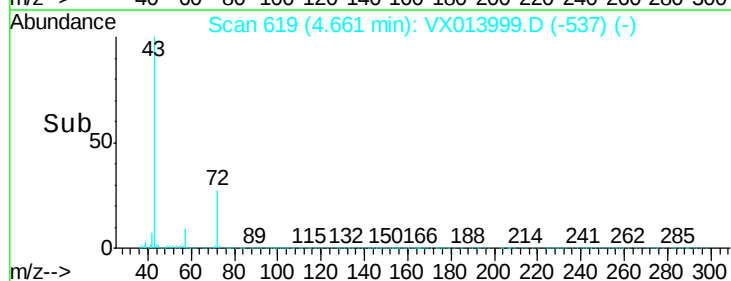
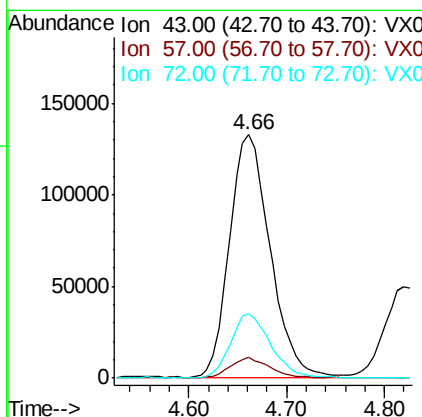
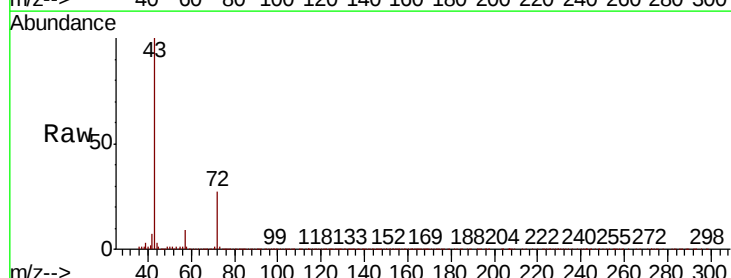
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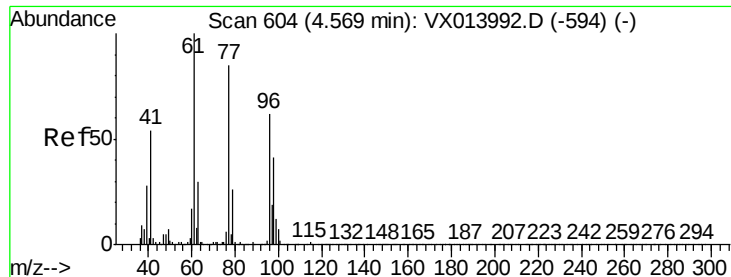
MMDadoda
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#30
 2-Butanone
 Concen: 89.813 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 16.498 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 77 Resp: 109796

Ion Ratio Lower Upper

77 100

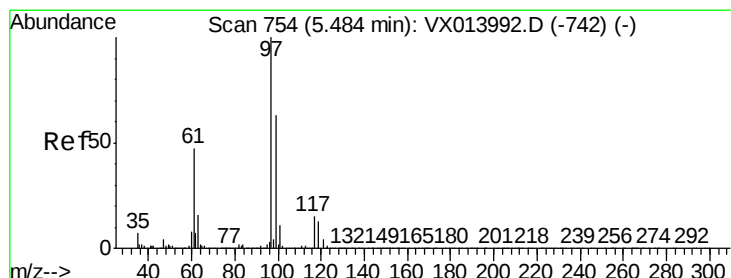
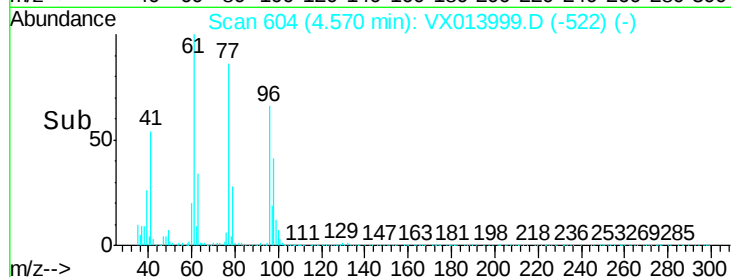
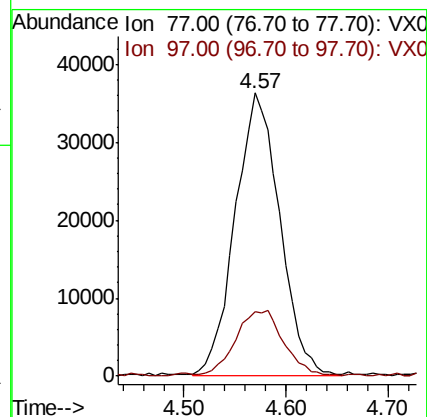
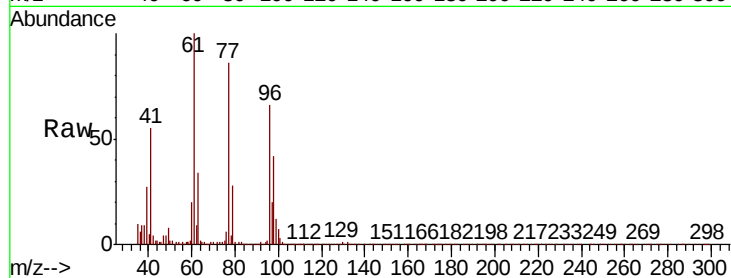
97 25.0 19.7 29.5

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.021 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

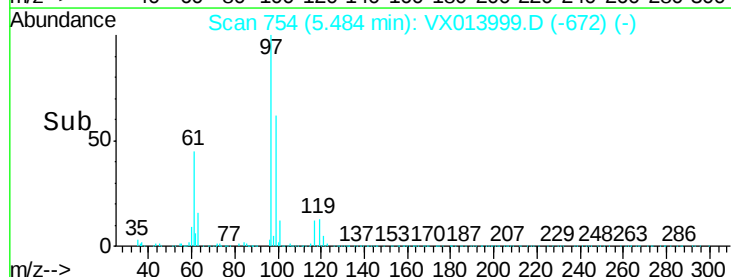
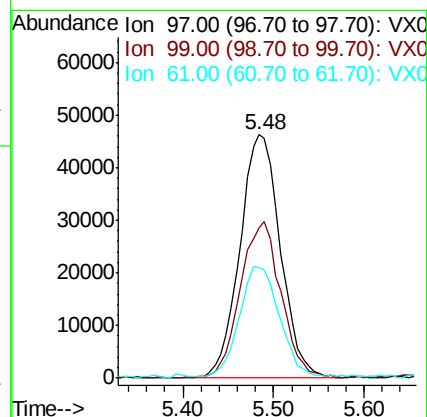
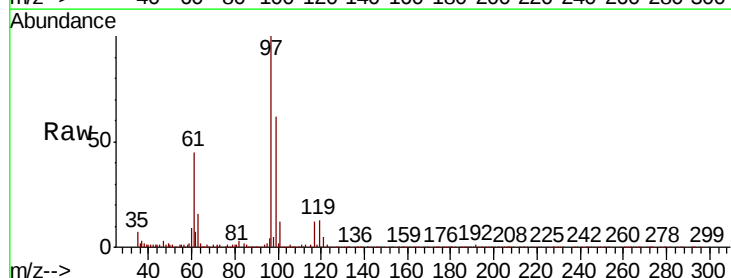
Tgt Ion: 97 Resp: 143402

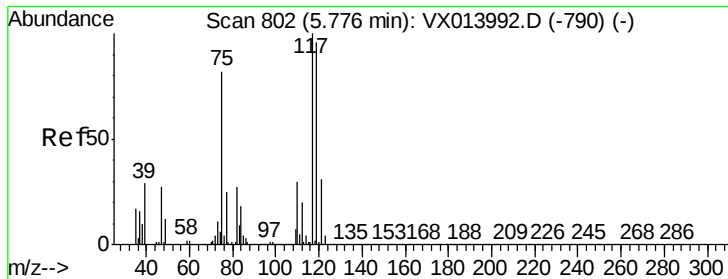
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 45.7 36.8 55.2





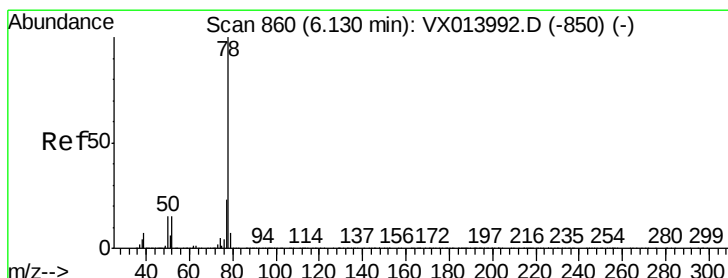
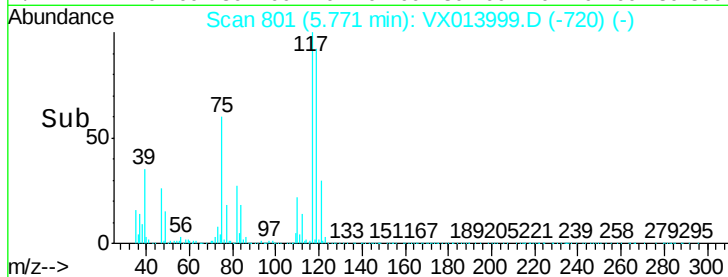
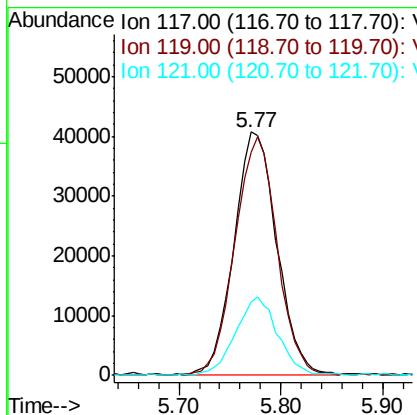
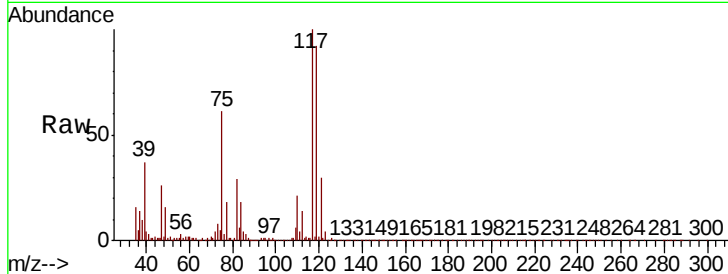
#33
Carbon Tetrachloride
Concen: 17.644 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.4	77.2	115.8
121	29.8	24.8	37.2

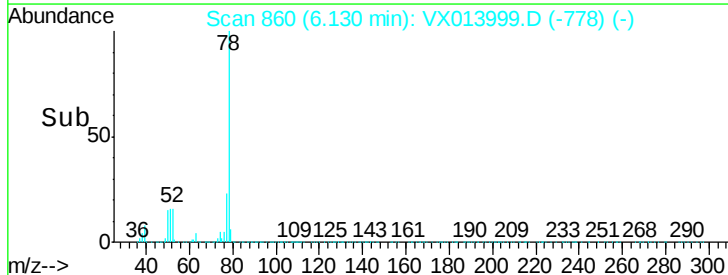
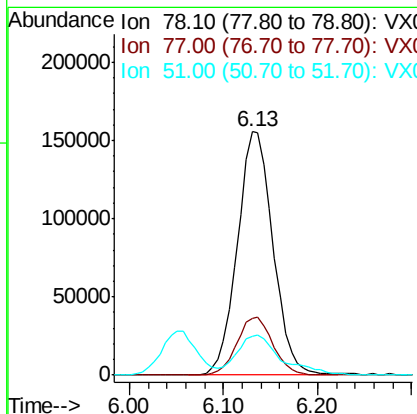
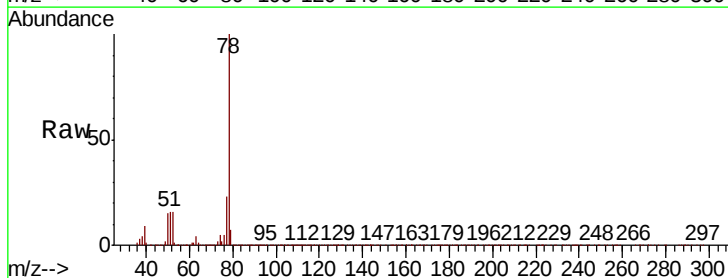
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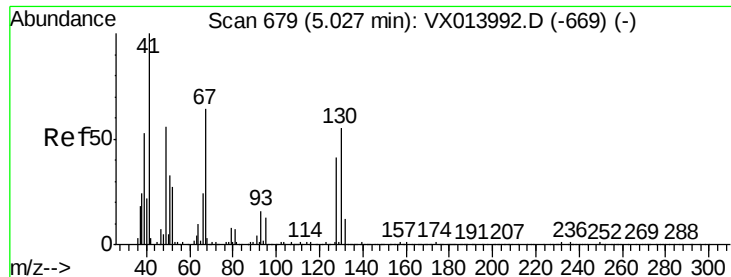
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#34
Benzene
Concen: 18.385 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2
51	15.3	12.4	18.6





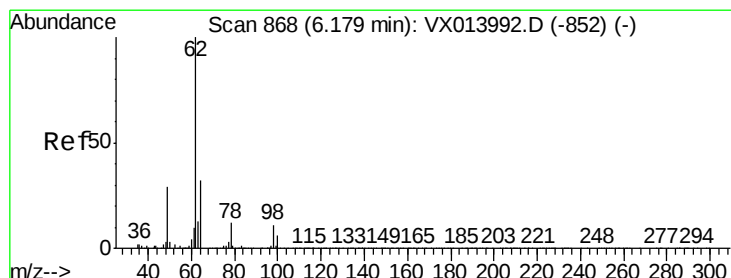
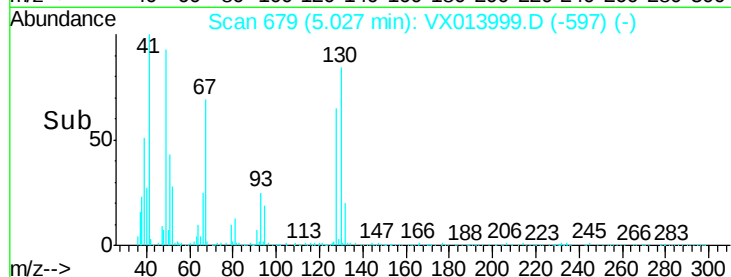
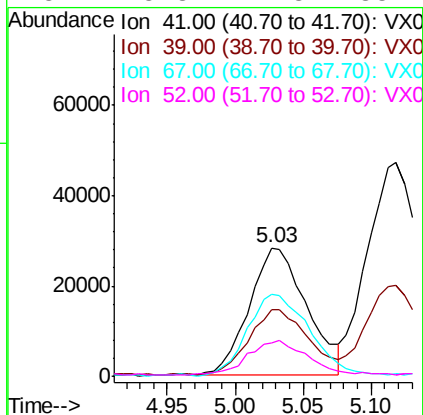
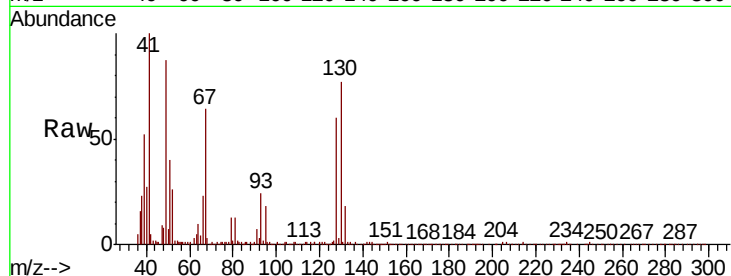
#35
Methacrylonitrile
Concen: 18.165 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.0	26.7	80.1	
67	63.6	31.5	94.5	
52	25.3	12.8	38.4	

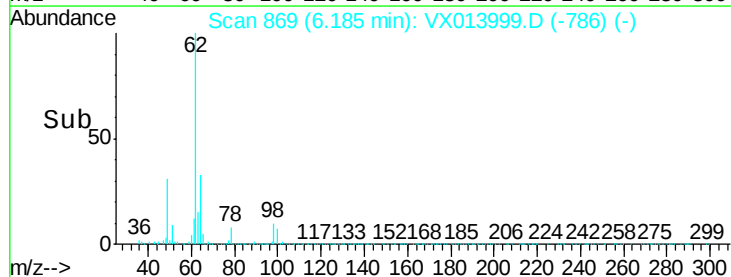
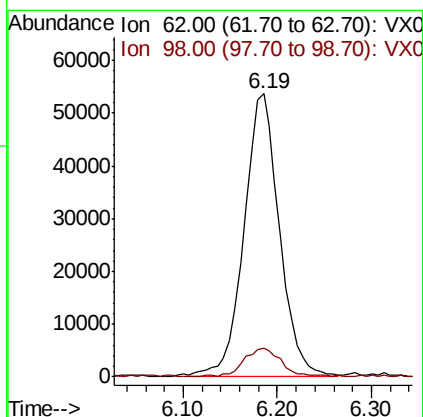
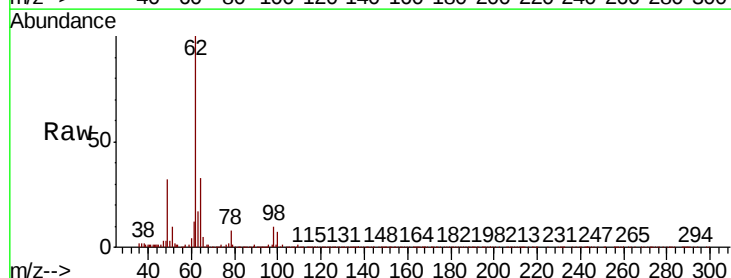
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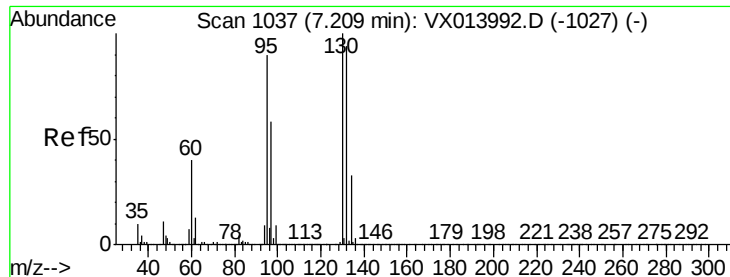
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#36
1,2-Dichloroethane
Concen: 18.018 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.4	12.6	





#37

Trichloroethene

Concen: 17.742 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013999.D

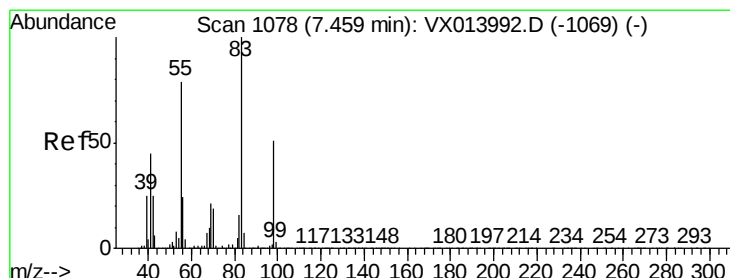
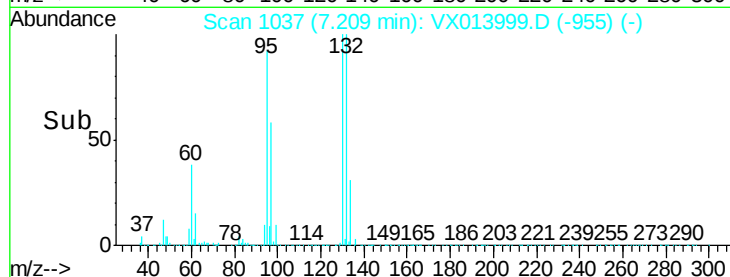
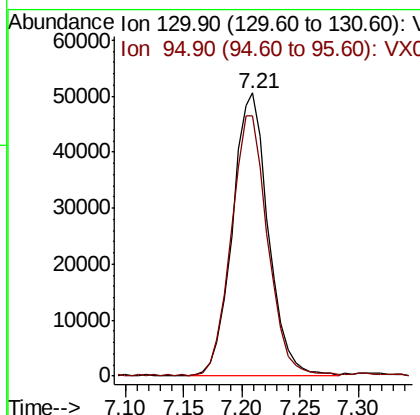
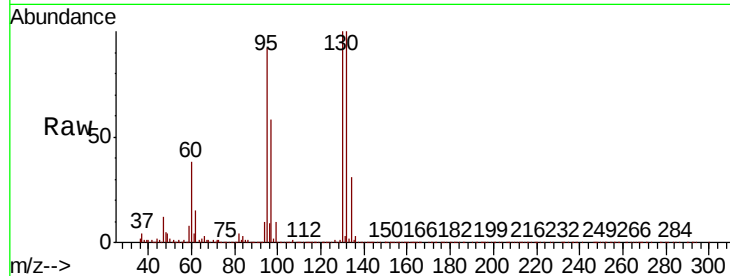
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
130	100	108300		
95	91.6	71.7	107.5	

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#38

Methylcyclohexane

Concen: 17.907 ug/l

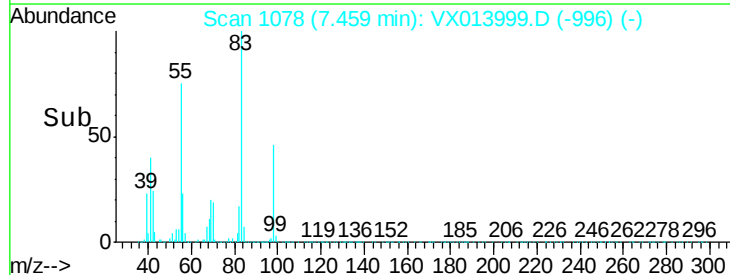
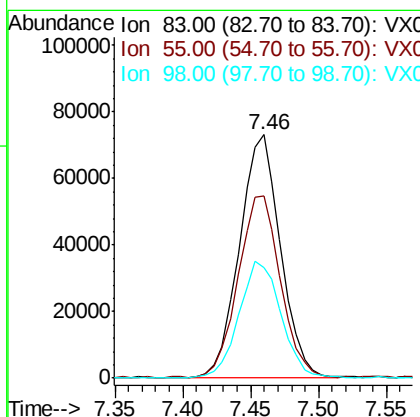
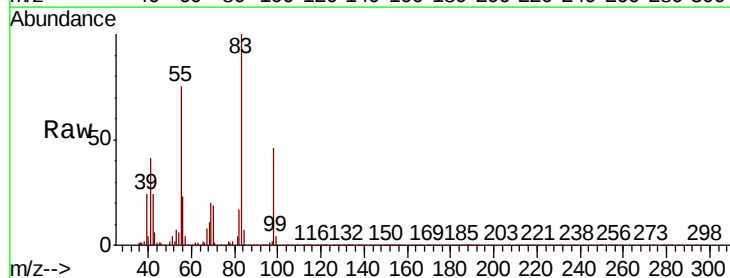
RT: 7.46 min Scan# 1078

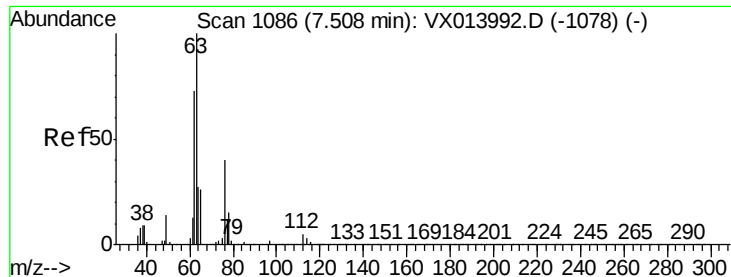
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	153673		
55	77.4	39.4	118.1	
98	49.3	25.1	75.3	





#39

1,2-Dichloropropane

Concen: 18.023 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 63 Resp: 105009

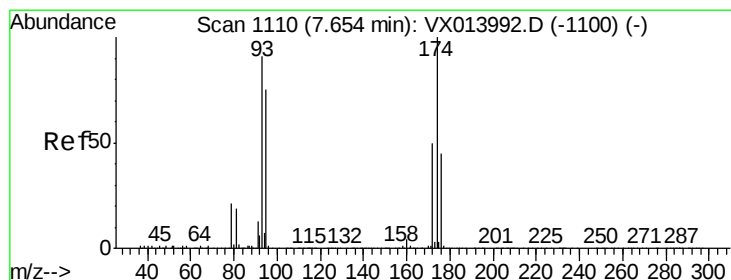
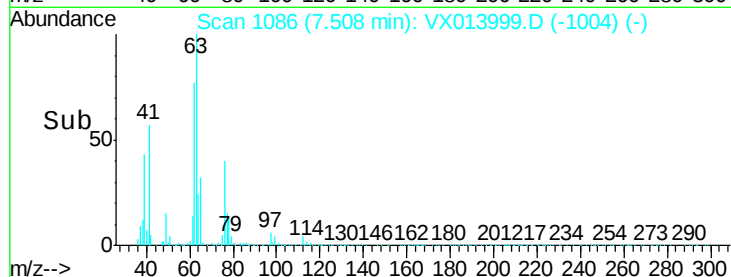
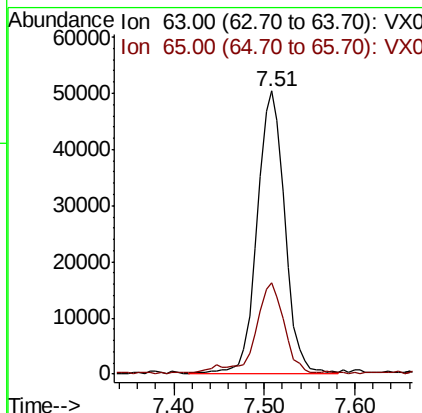
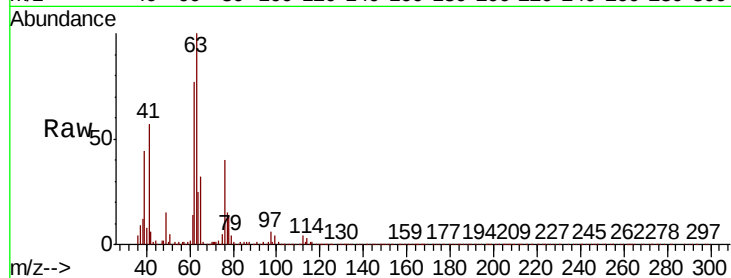
Ion Ratio Lower Upper

63 100

65 31.6 22.1 33.1

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#40

Dibromomethane

Concen: 18.065 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

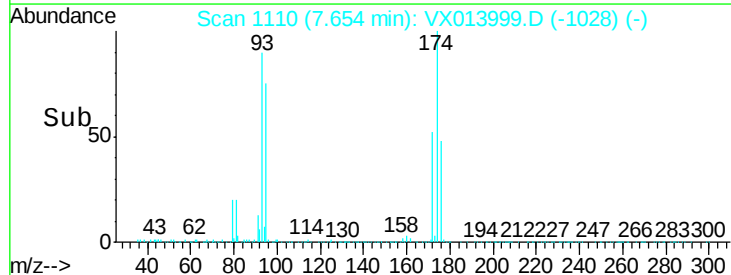
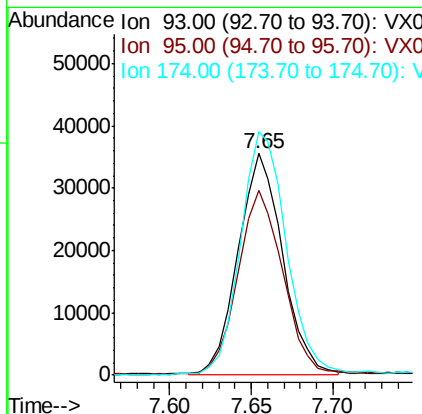
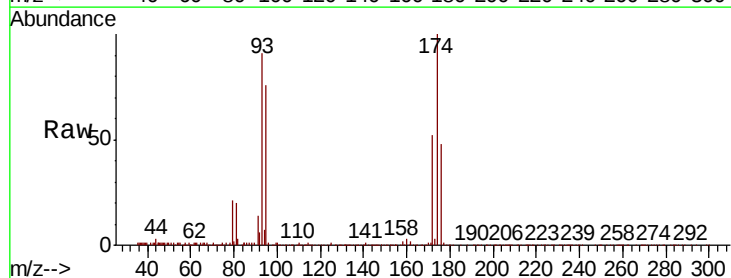
Tgt Ion: 93 Resp: 67241

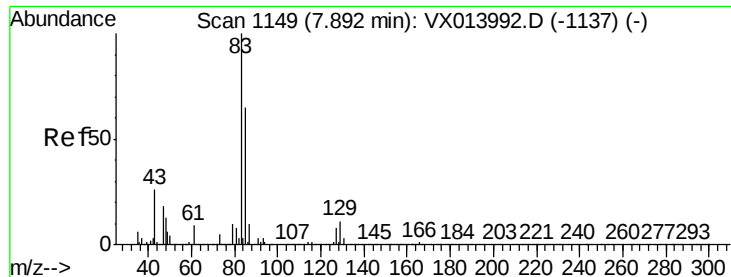
Ion Ratio Lower Upper

93 100

95 84.1 0.0 164.4

174 113.2 0.0 228.8





#41

Bromodichloromethane

Concen: 17.754 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

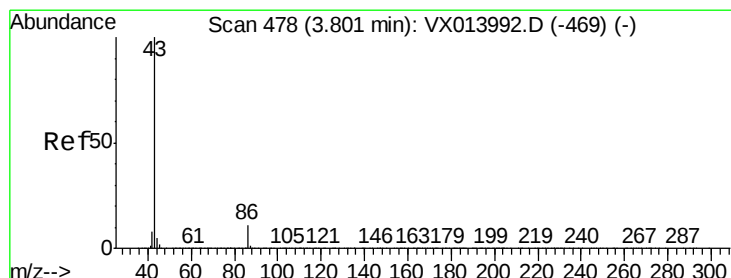
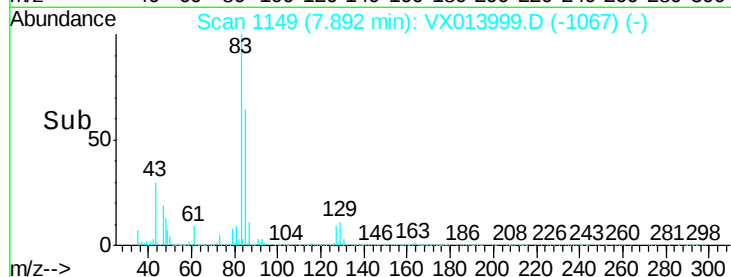
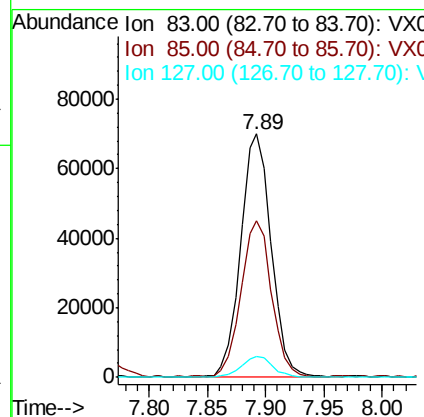
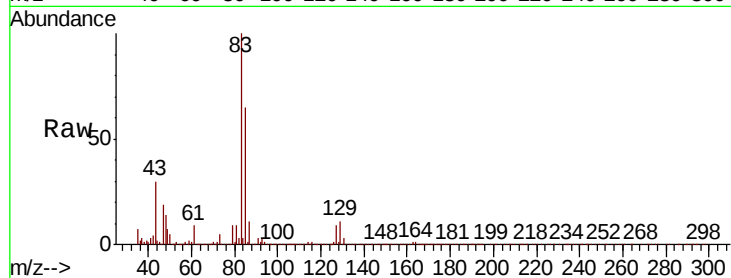
ClientSampleId :

VX1212WBSD04

Tot Ion:	83	Resp:	127953
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.6	77.4
127	8.7	6.0	9.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 93.615 ug/l

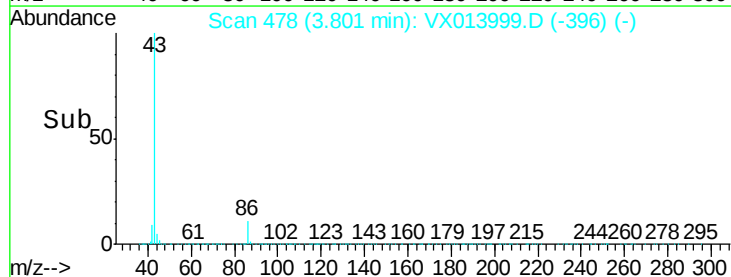
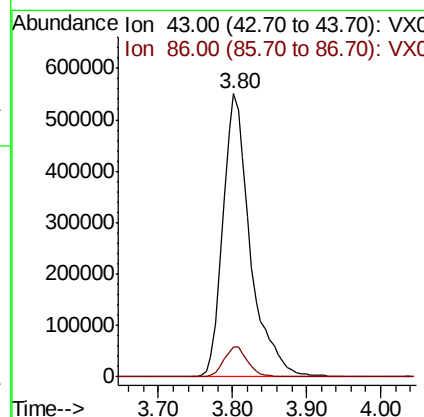
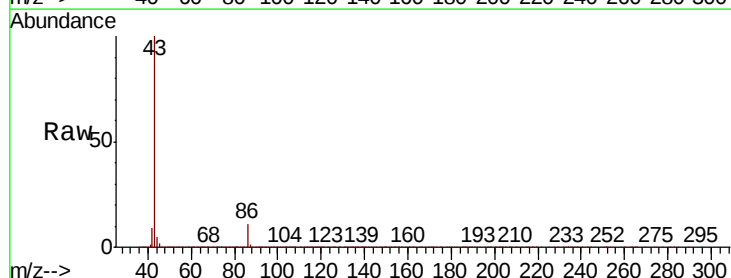
RT: 3.80 min Scan# 478

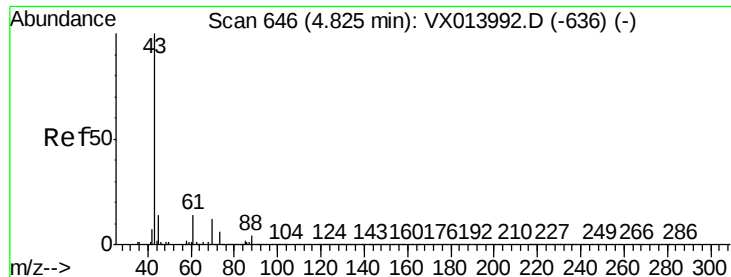
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	43	Resp:	1401575
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.7	11.5





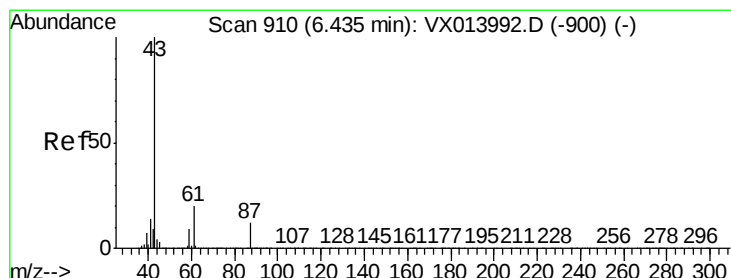
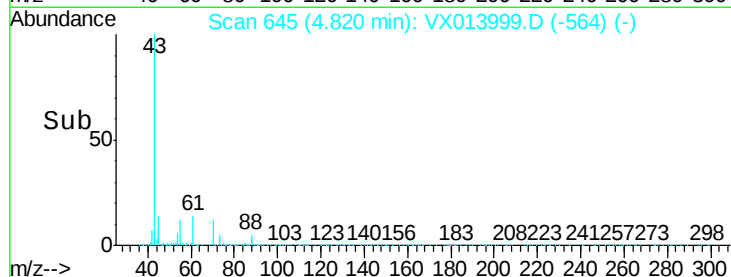
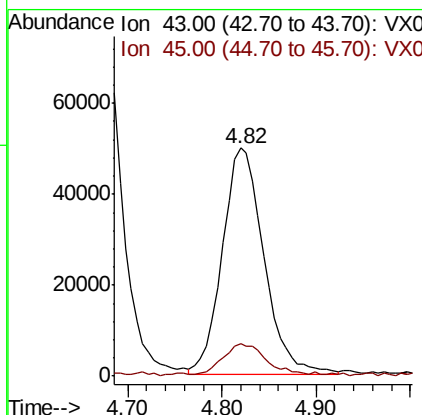
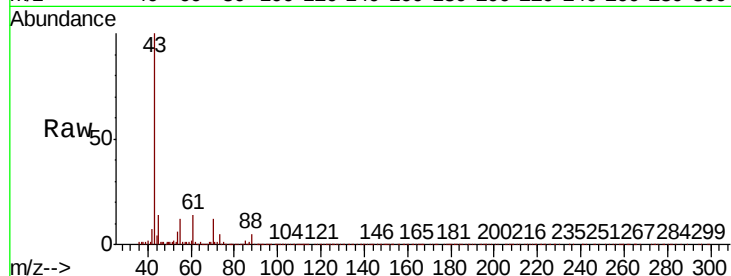
#43
Ethyl Acetate
Concen: 18.945 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion: 43 Resp: 154153
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.8

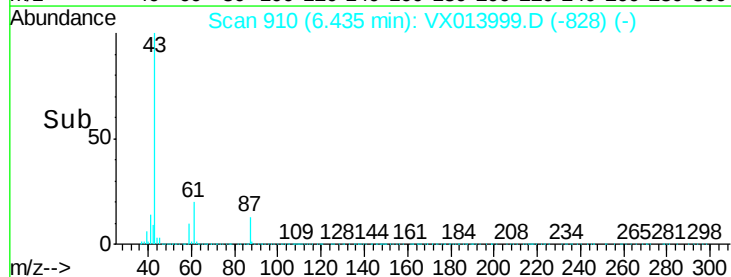
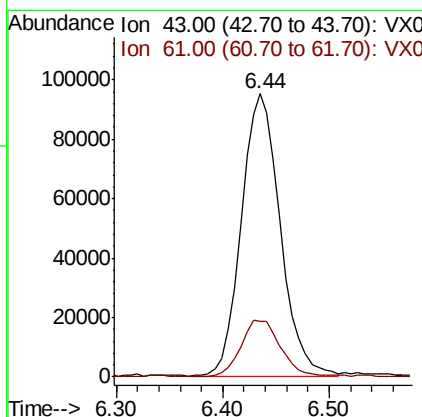
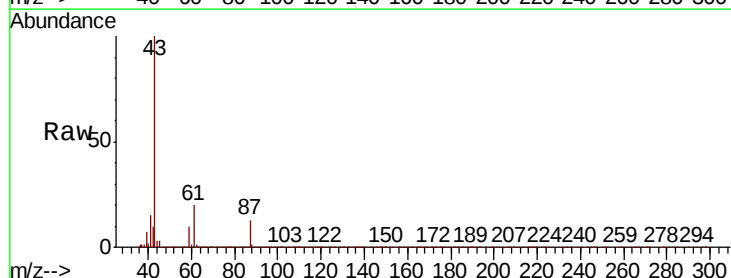
Manual Integrations
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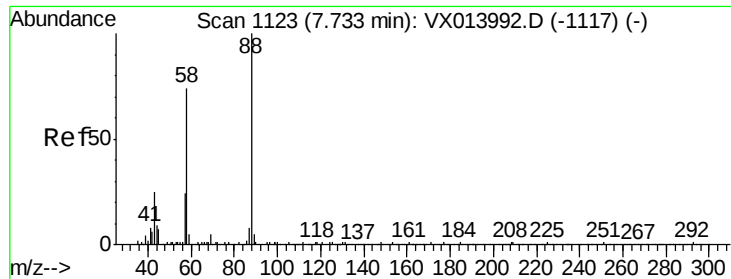
MMDadoda
12/13/2019 12:40:09 PM



#44
Isopropyl Acetate
Concen: 17.847 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion: 43 Resp: 243226
Ion Ratio Lower Upper
43 100
61 20.3 15.9 23.9





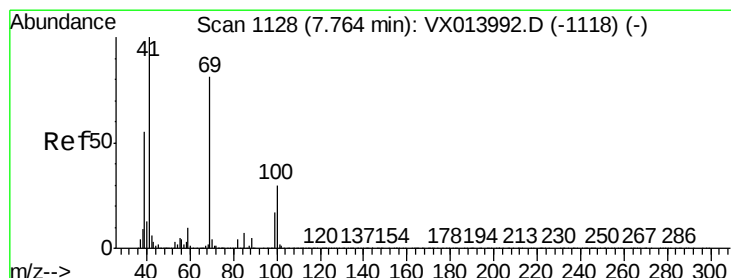
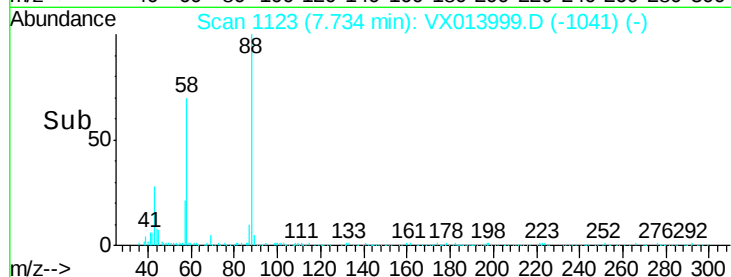
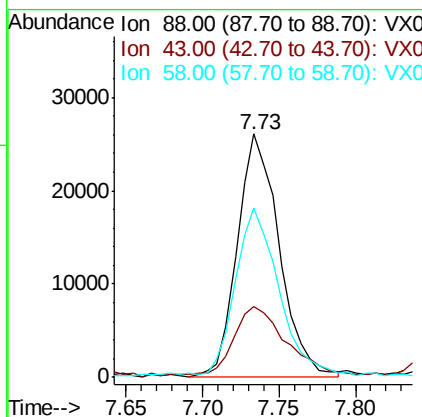
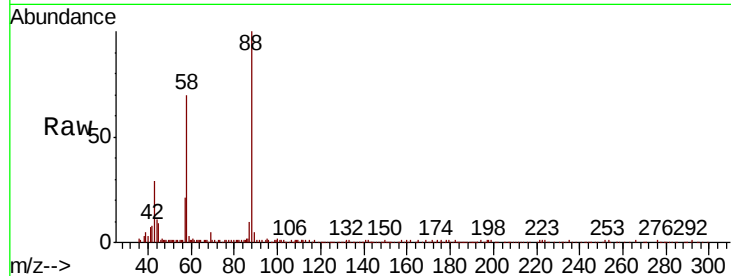
#45
1,4-Dioxane
Concen: 389.749 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion:	88	Resp:	49741
Ion	Ratio	Lower	Upper
88	100		
43	34.1	25.4	38.2
58	70.5	56.5	84.7

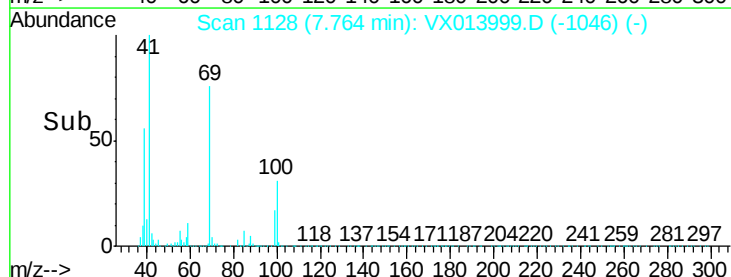
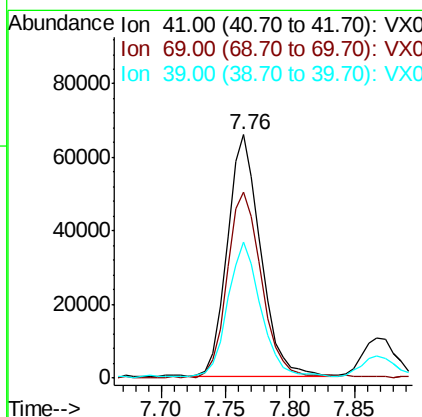
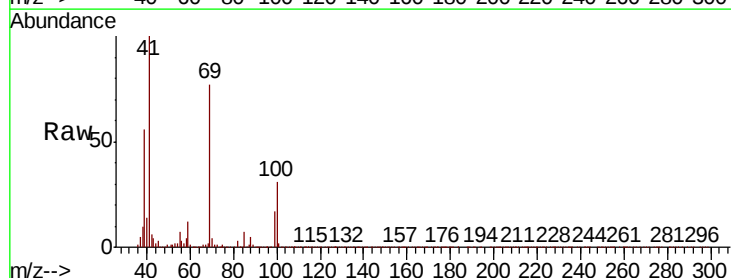
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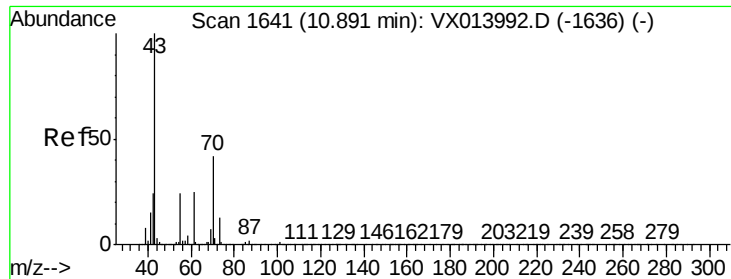
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#46
Methyl methacrylate
Concen: 17.906 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion:	41	Resp:	118533
Ion	Ratio	Lower	Upper
41	100		
69	76.5	40.6	122.0
39	55.5	27.8	83.3





#47

n-amvl Acetate

Concen: 17.235 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 43 Resp: 208851

Ion Ratio Lower Upper

43 100

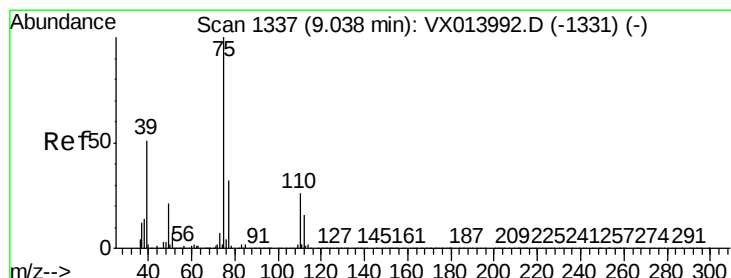
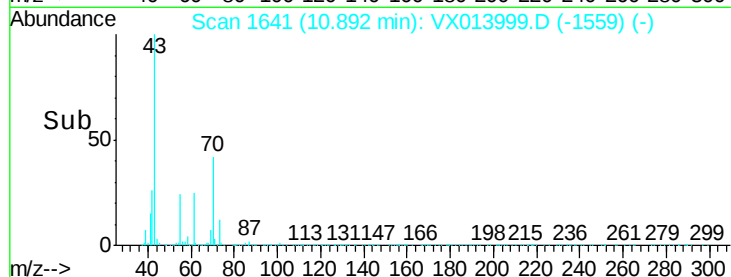
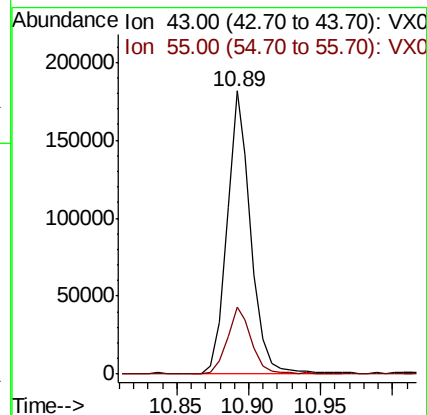
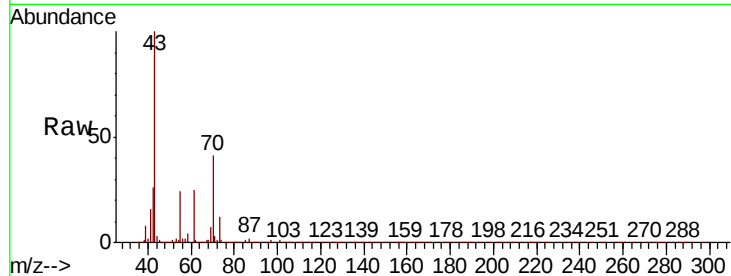
55 24.0 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.305 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013999.D

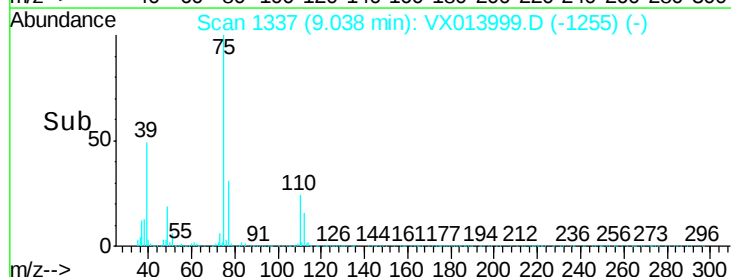
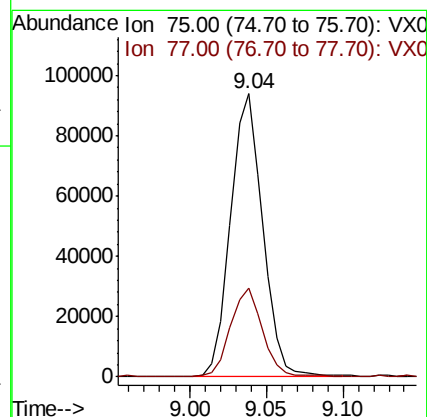
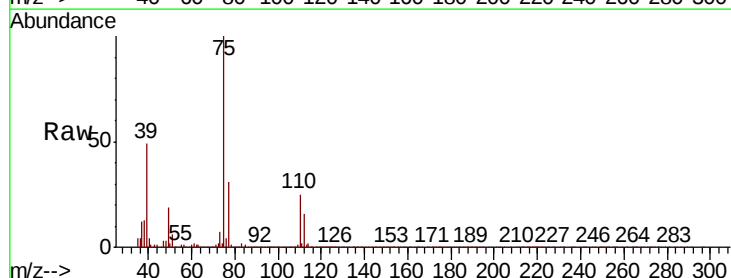
Acq: 13 Dec 2019 02:50

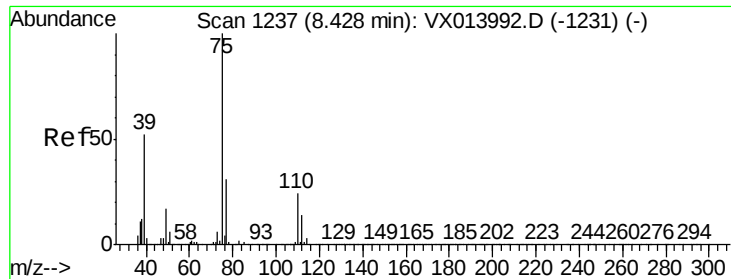
Tgt Ion: 75 Resp: 136126

Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0





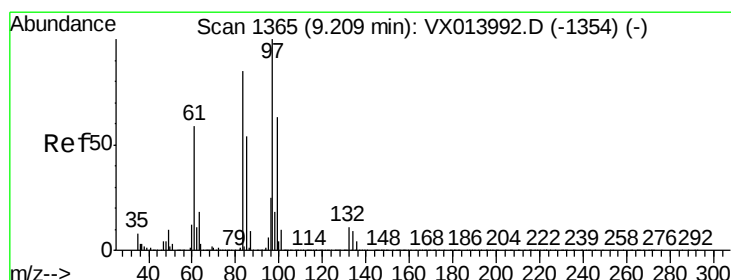
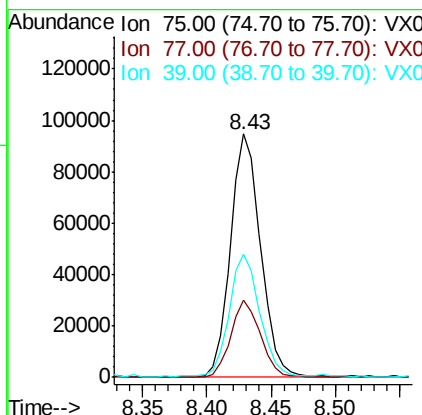
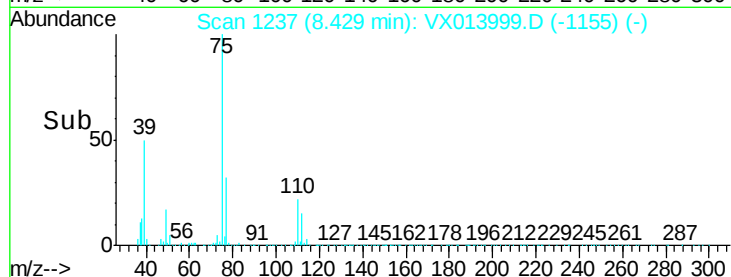
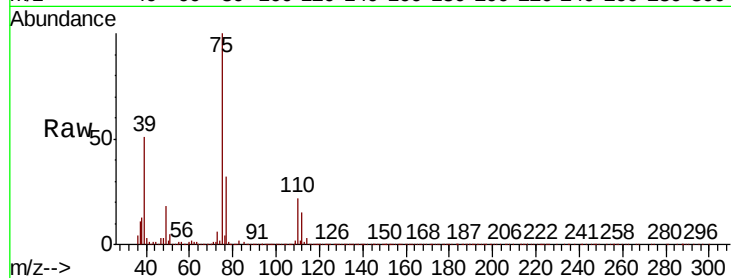
#49
 cis-1,3-Dichloropropene
 Concen: 17.513 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2
39	50.5	41.1	61.7

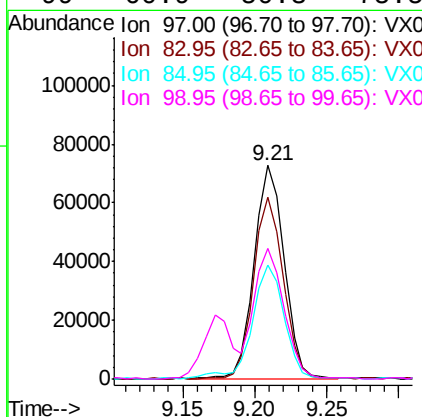
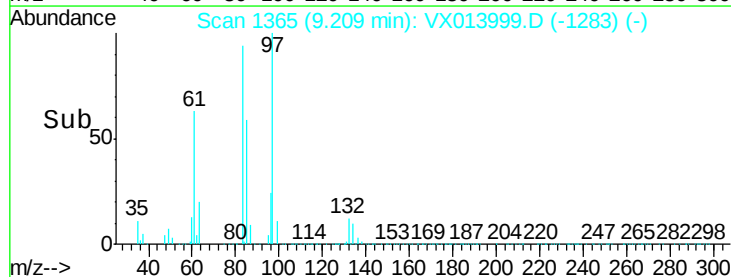
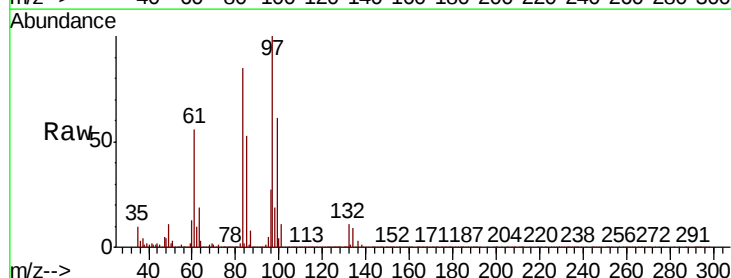
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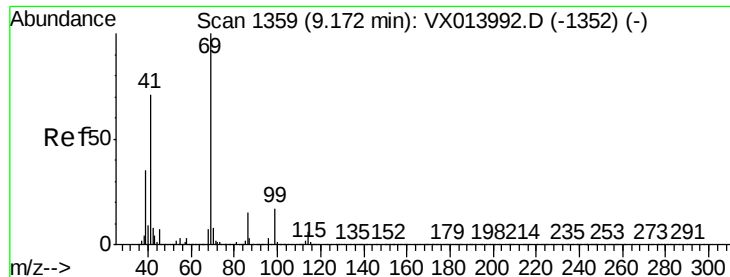
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#50
 1,1,2-Trichloroethane
 Concen: 18.165 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	52.8	42.7	64.1
99	60.9	50.3	75.5





#51

Ethyl methacrylate

Concen: 17.647 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

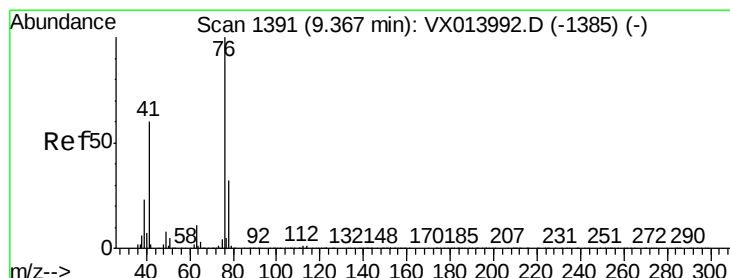
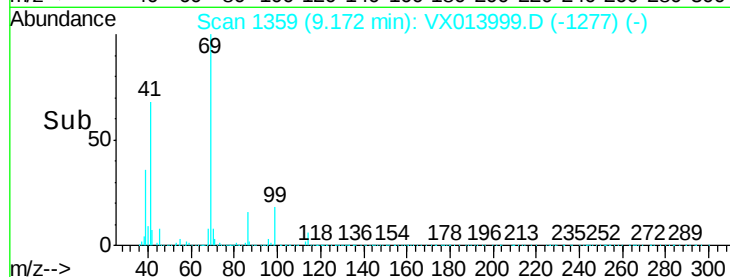
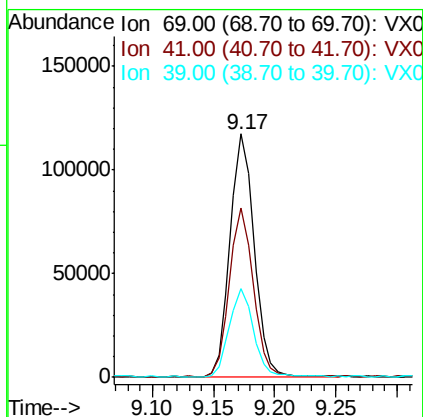
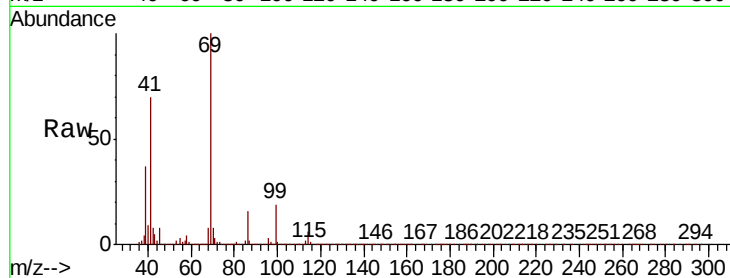
ClientSampleId :

VX1212WBSD04

Tot Ion:	69	Resp:	161247
Ion Ratio	Lower	Upper	
69	100		
41	69.3	35.4	106.1
39	36.3	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 17.877 ug/l

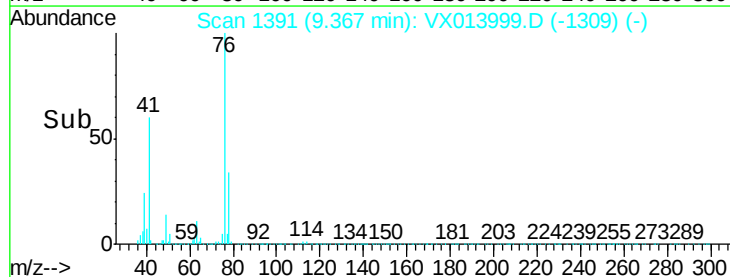
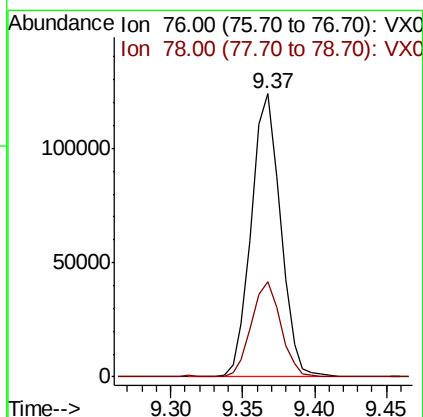
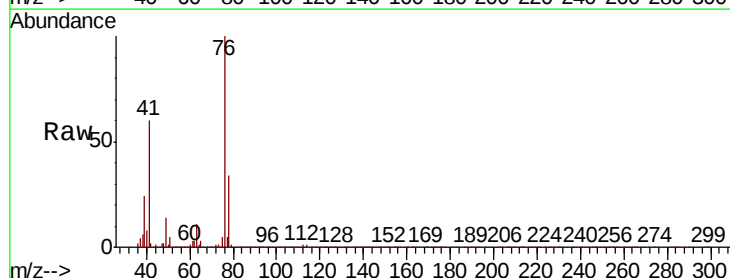
RT: 9.37 min Scan# 1391

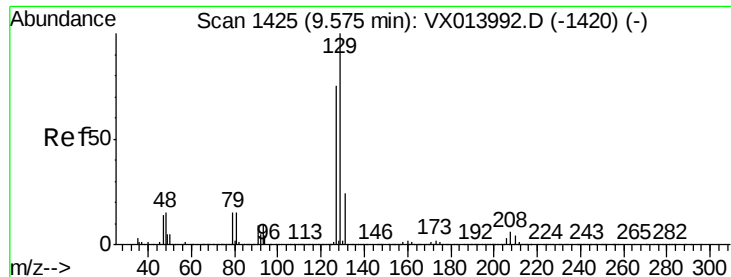
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	76	Resp:	174476
Ion Ratio	Lower	Upper	
76	100		
78	33.7	0.0	63.4





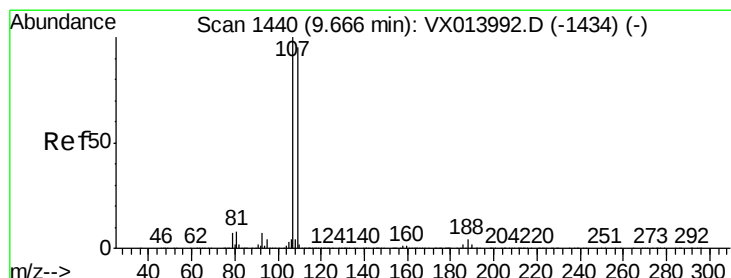
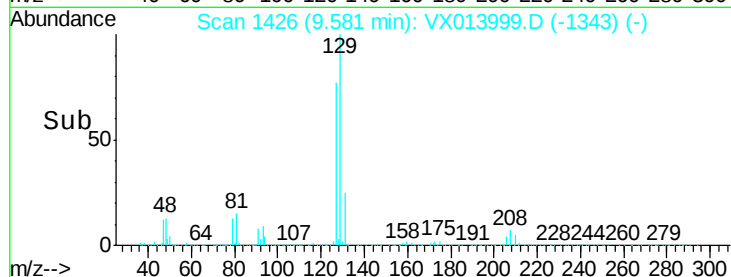
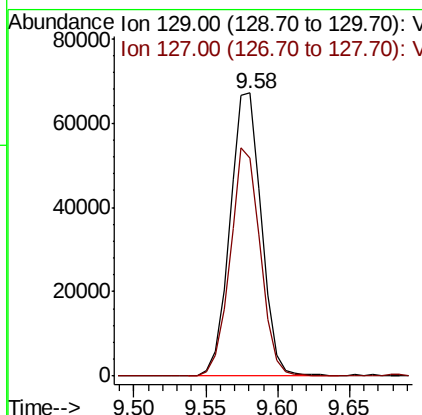
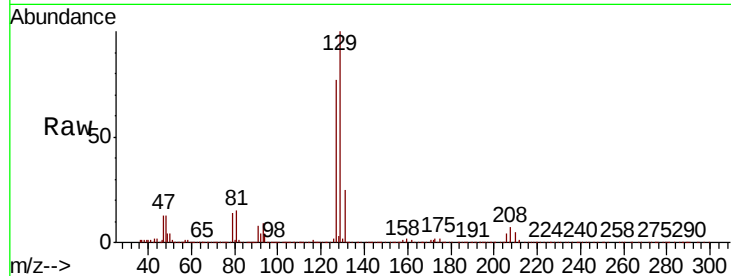
#53
Dibromochloromethane
Concen: 17.791 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	39.1	117.5

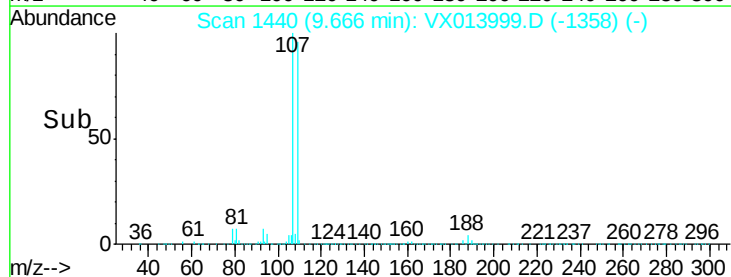
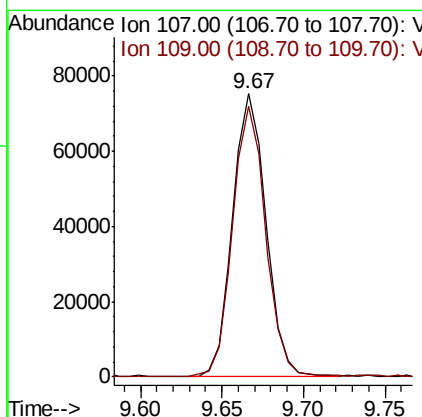
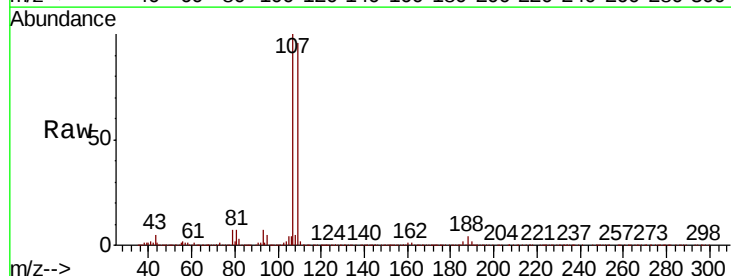
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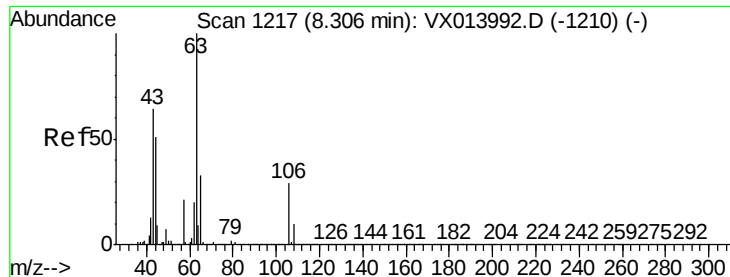
MMDadoda
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#54
1,2-Dibromoethane
Concen: 18.106 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.1	77.2	115.8





#55

2-Chloroethyl vinyl ether

Concen: 99.388 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 63 Resp: 400316

Ion Ratio Lower Upper

63 100

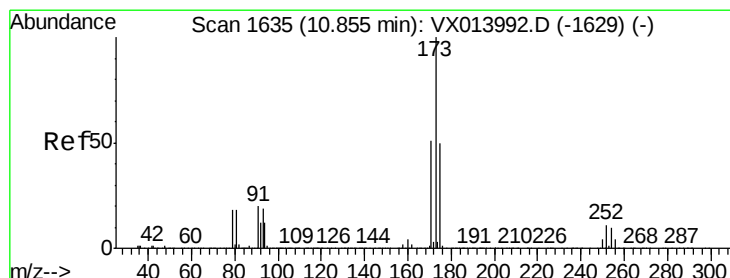
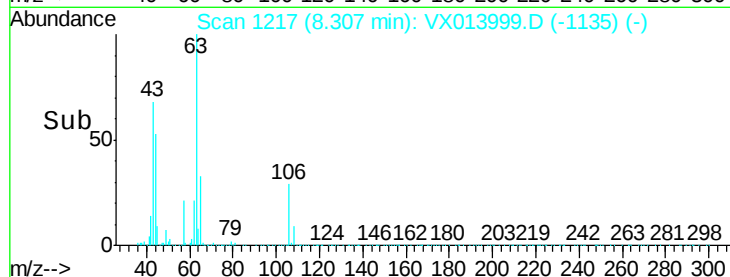
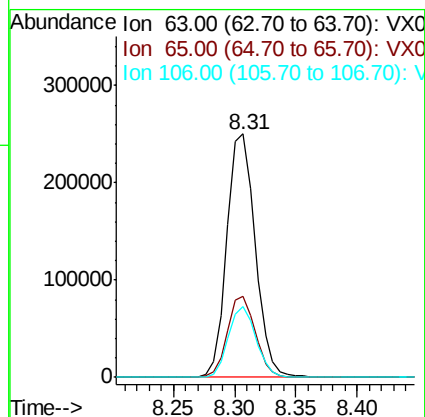
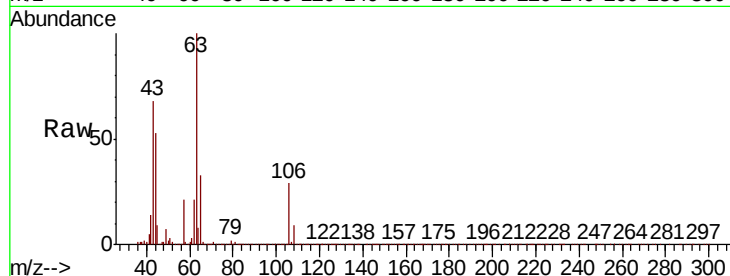
65 32.7 25.8 38.6

106 28.5 22.9 34.3

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#56

Bromoform

Concen: 16.487 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

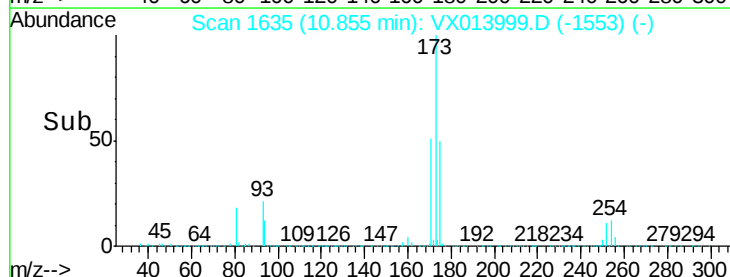
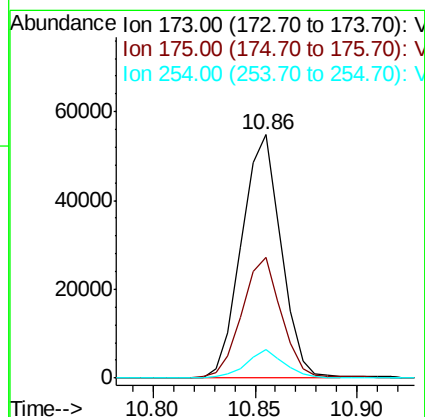
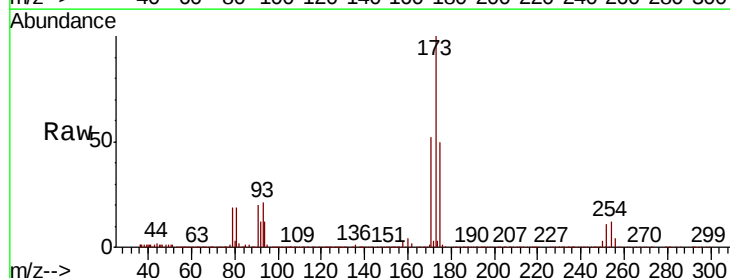
Tgt Ion: 173 Resp: 73849

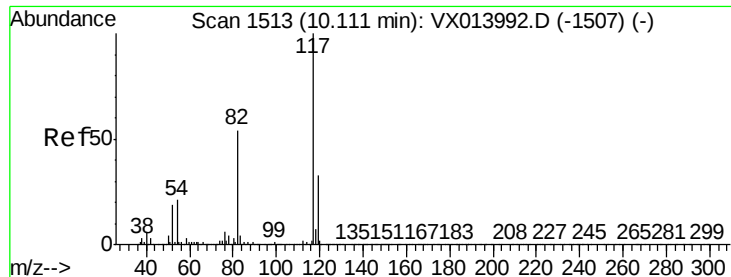
Ion Ratio Lower Upper

173 100

175 49.5 39.5 59.3

254 11.4 8.2 12.4





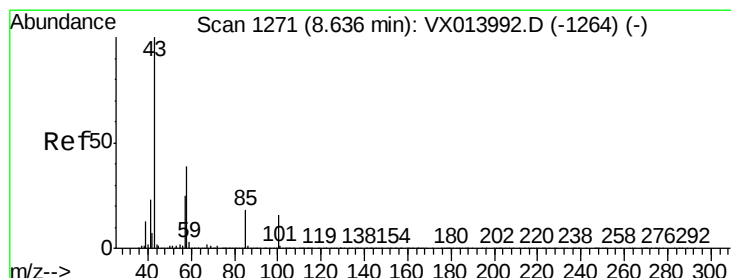
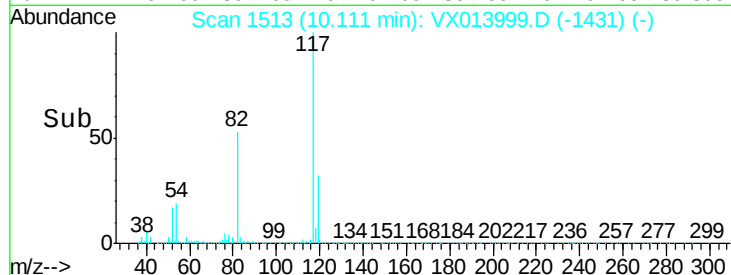
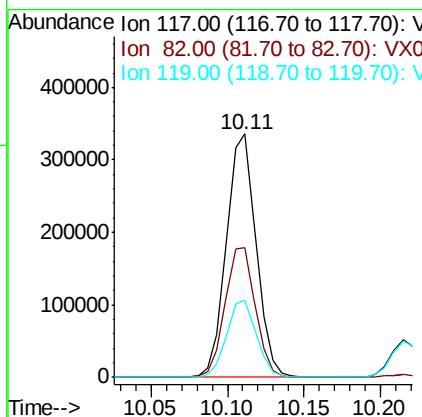
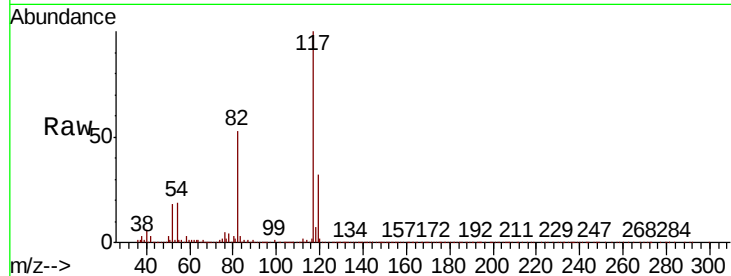
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.9	25.8	38.6

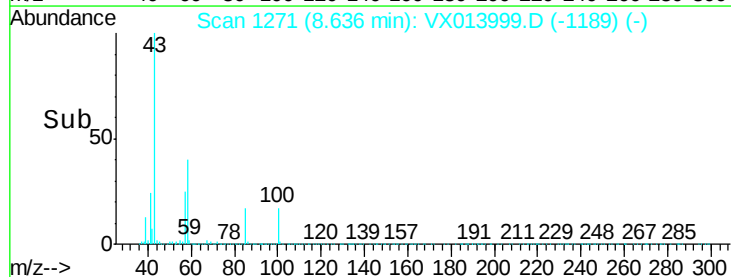
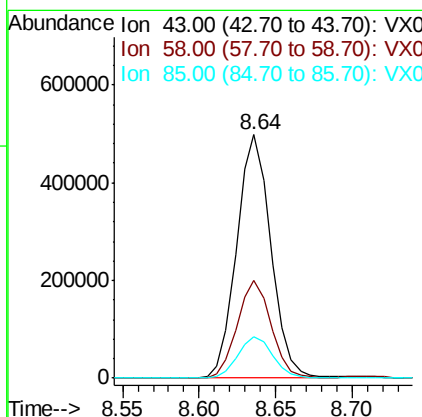
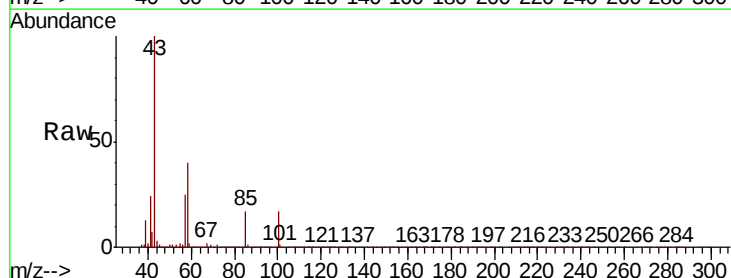
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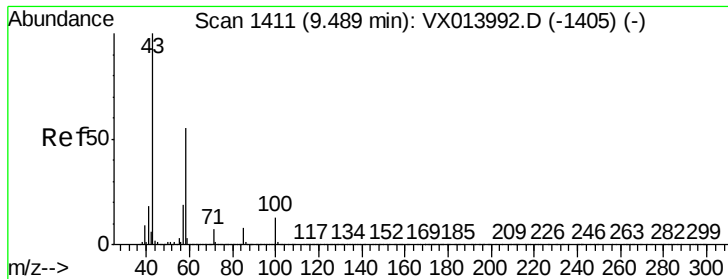
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#58
4-Methyl-2-Pentanone
Concen: 91.022 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.2	46.8
85	17.4	14.2	21.2





#59

2-Hexanone

Concen: 90.109 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

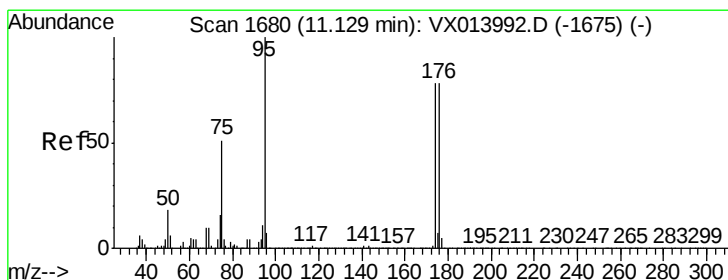
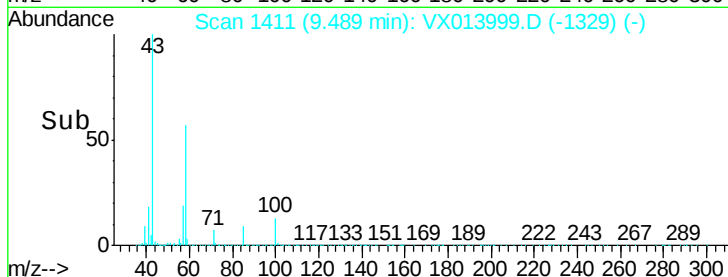
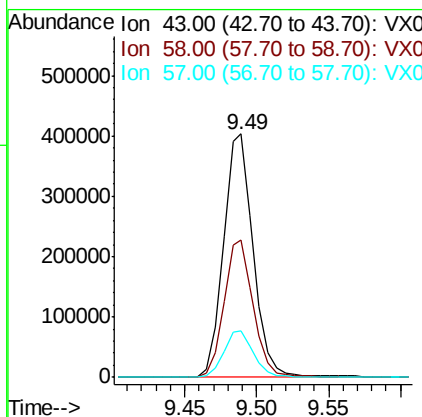
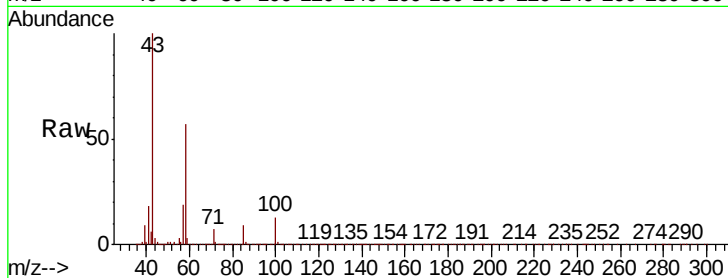
ClientSampleId :

VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	19.1	15.4	23.0

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#60

4-Bromofluorobenzene

Concen: 28.817 ug/l

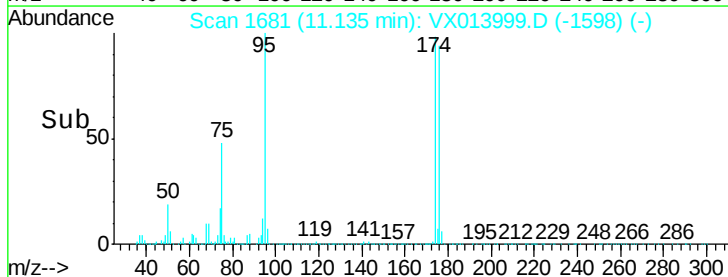
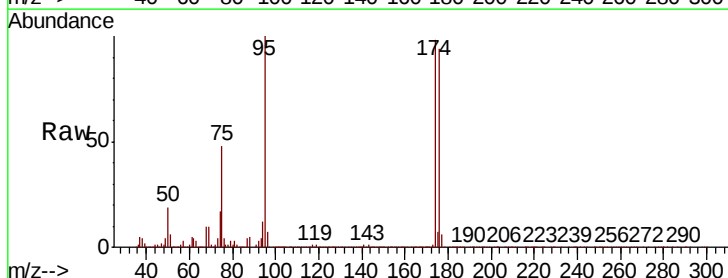
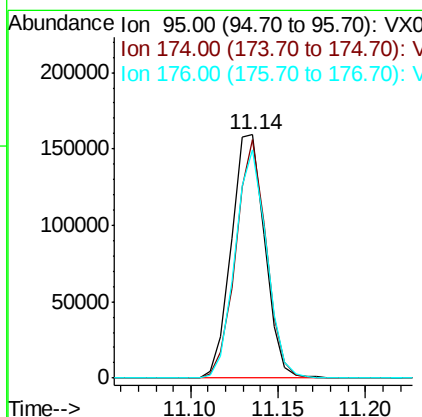
RT: 11.14 min Scan# 1681

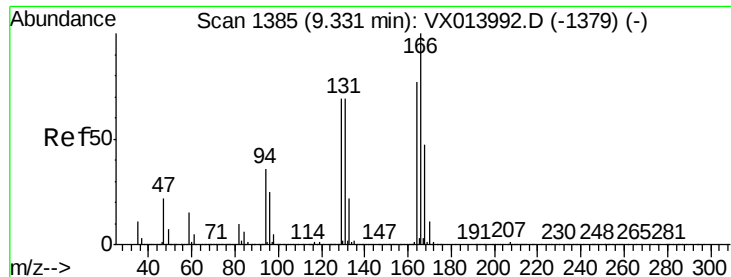
Delta R.T. 0.01 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	70.2	105.2
176	88.9	68.3	102.5





#61

Tetrachloroethene

Concen: 17.605 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

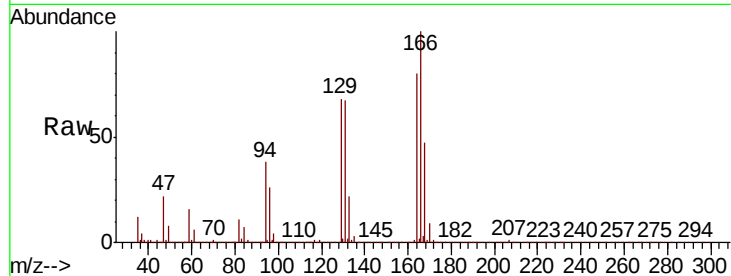
ClientSampleId :

VX1212WBSD04

Tot Ion:	164	Resp:	105534
Ion Ratio	Lower	Upper	
164	100		
166	124.5	104.2	156.2
129	85.0	71.6	107.4
131	83.7	71.7	107.5

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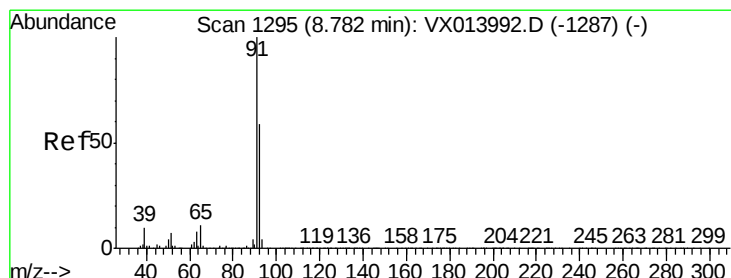
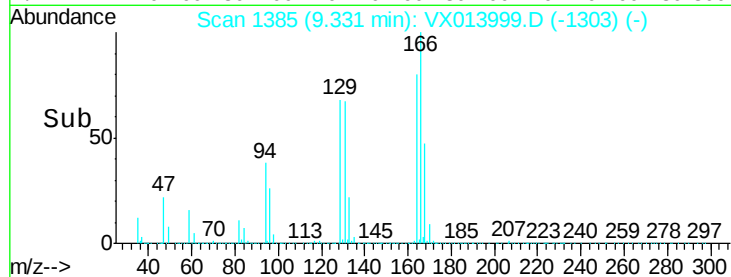
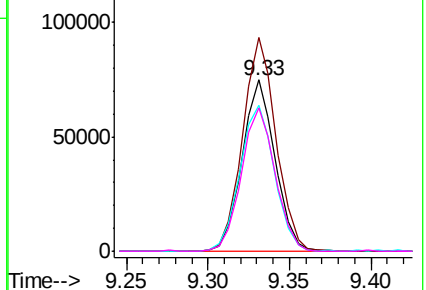


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.200 ug/l

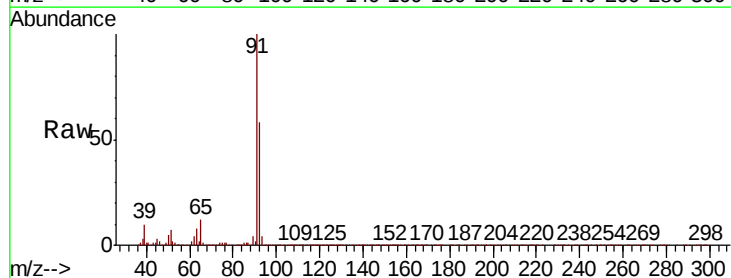
RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013999.D

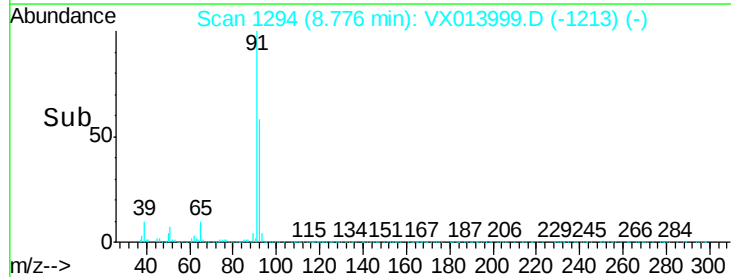
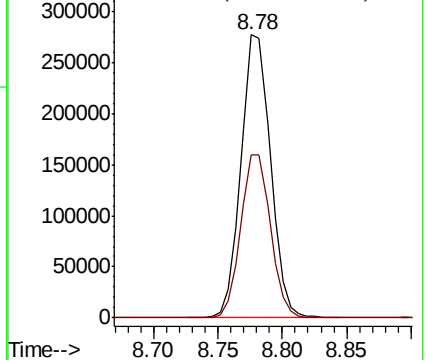
Acq: 13 Dec 2019 02:50

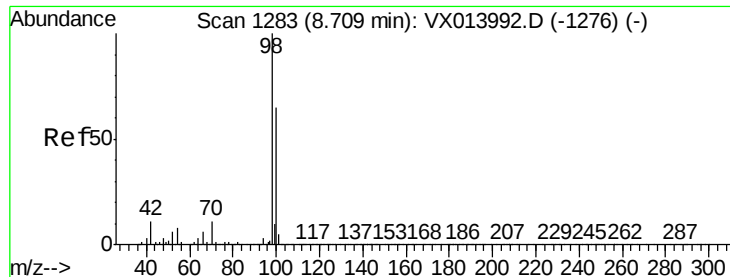
Tgt Ion:	91	Resp:	438604
Ion Ratio	Lower	Upper	
91	100		
92	58.2	46.4	69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.419 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 98 Resp: 616105

Ion Ratio Lower Upper

98 100

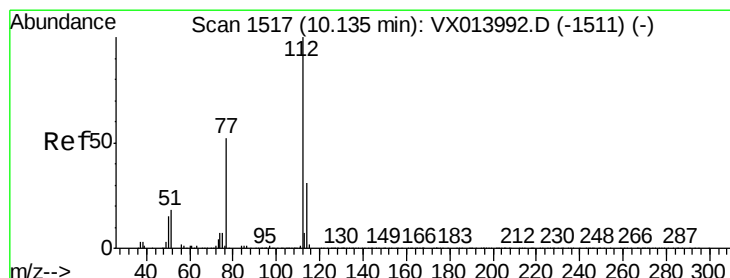
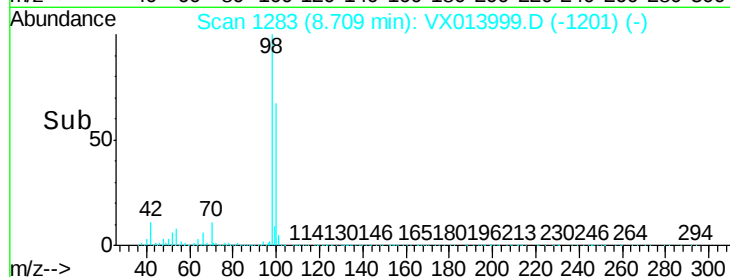
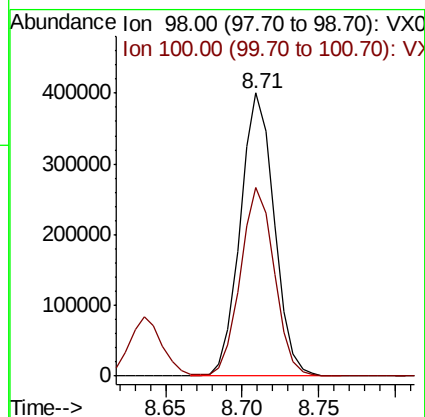
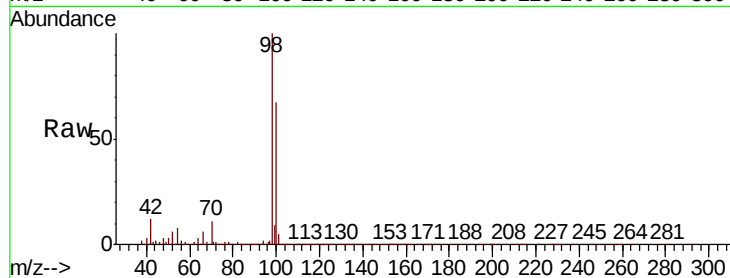
100 66.4 52.2 78.2

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#64

Chlorobenzene

Concen: 17.937 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013999.D

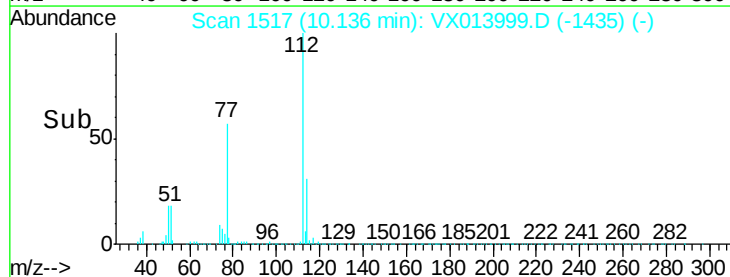
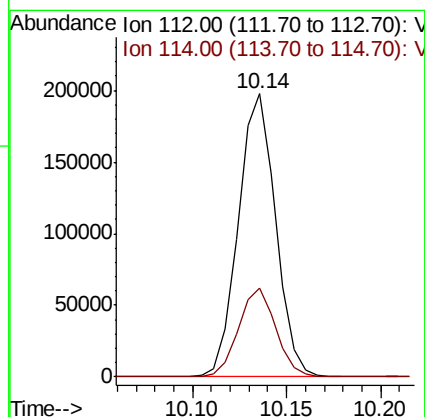
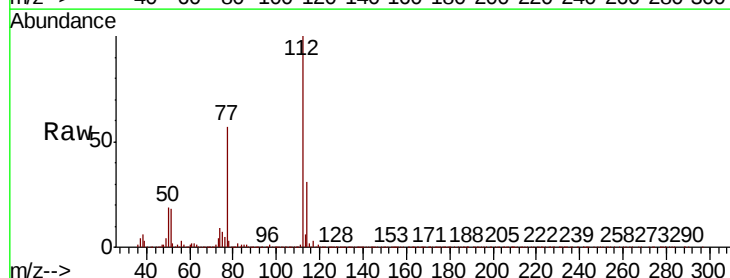
Acq: 13 Dec 2019 02:50

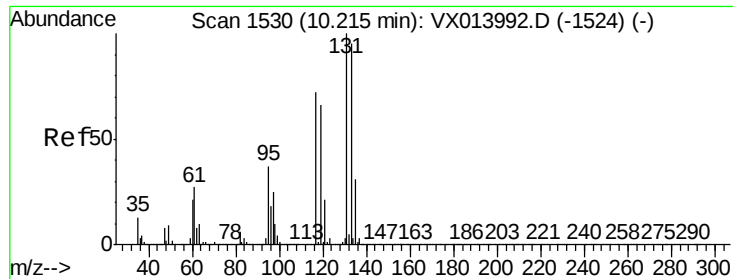
Tgt Ion: 112 Resp: 270821

Ion Ratio Lower Upper

112 100

114 31.3 24.4 36.6





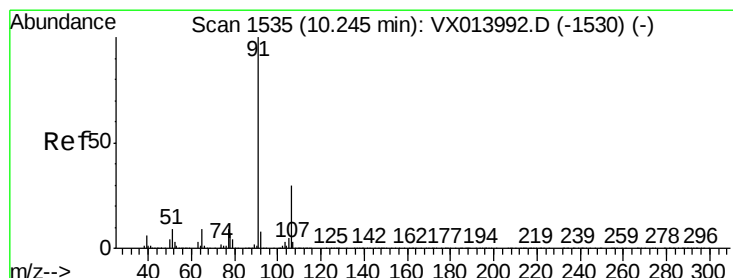
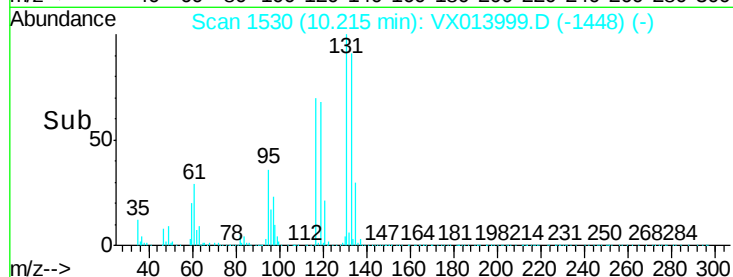
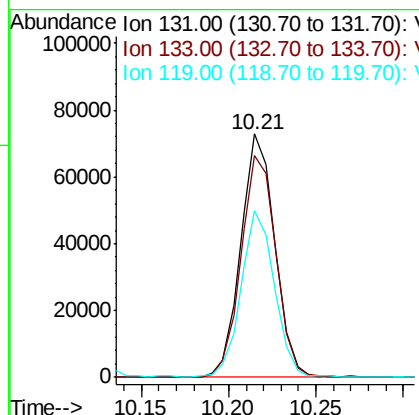
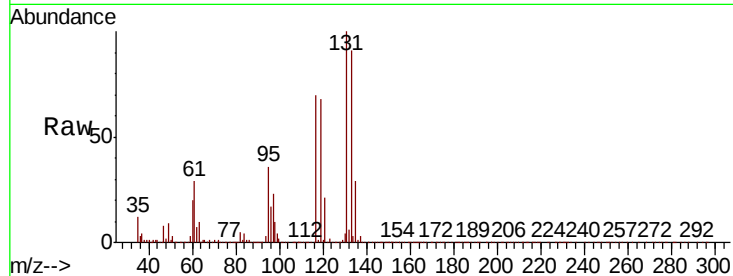
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.590 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.9	0.0	189.8
119	66.9	0.0	132.2

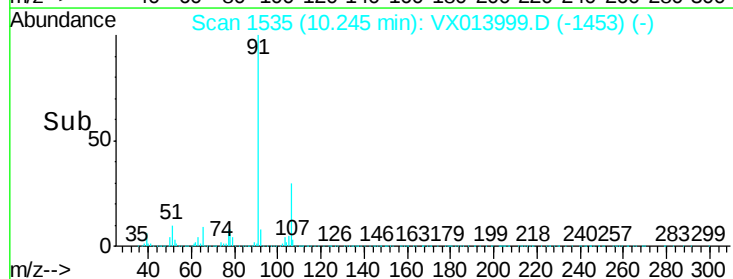
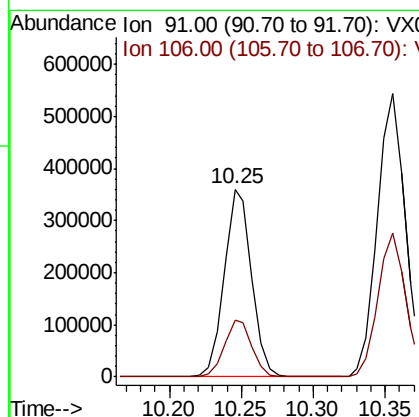
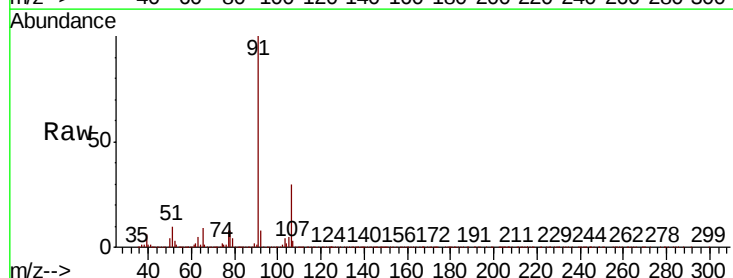
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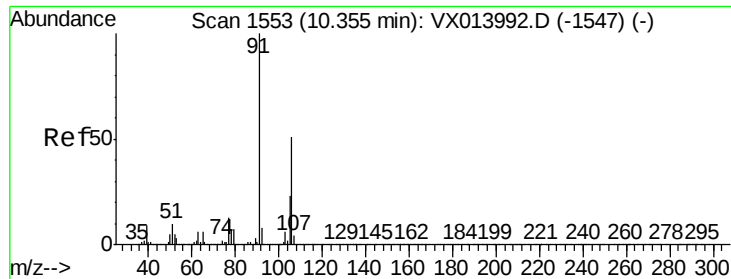
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#66
 Ethyl Benzene
 Concen: 18.116 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.2	36.2





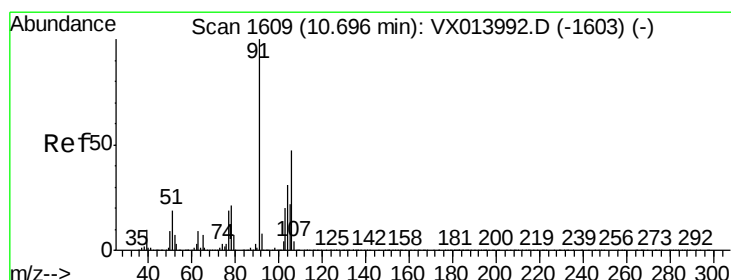
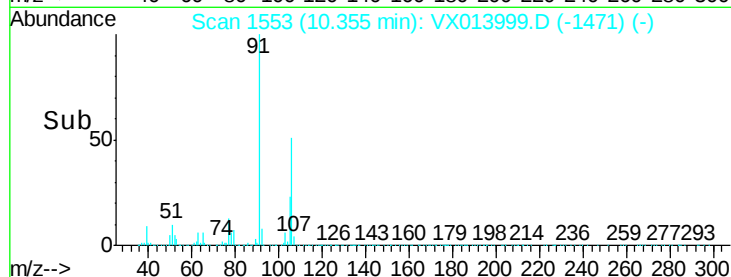
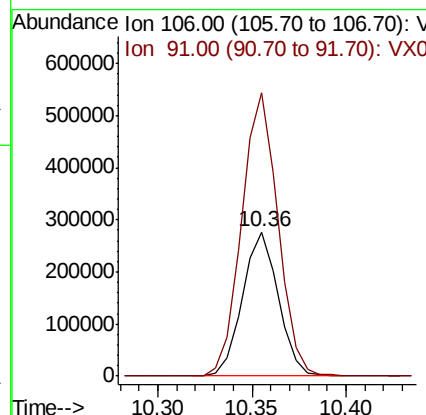
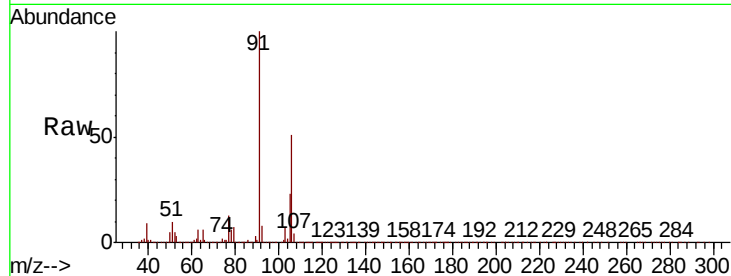
#67
m/p-Xvlenes
Concen: 35.980 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion:106 Resp: 362748
Ion Ratio Lower Upper
106 100
91 200.3 159.3 238.9

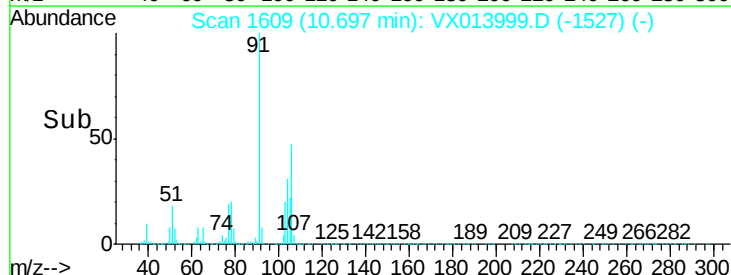
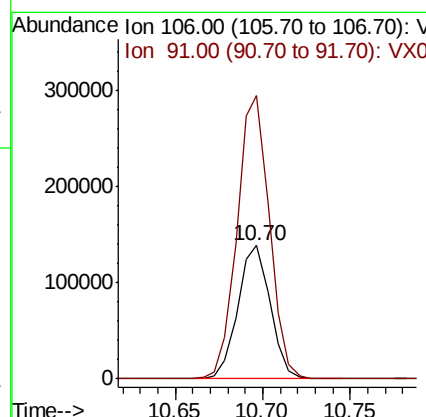
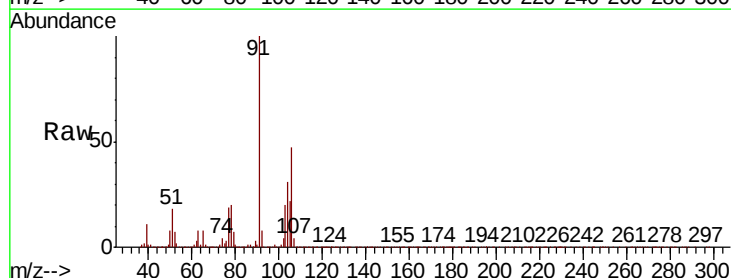
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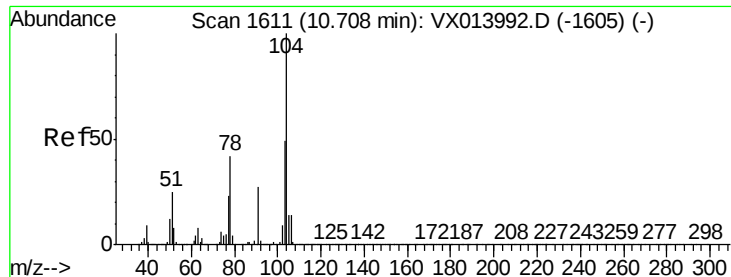
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#68
o-Xylene
Concen: 17.796 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion:106 Resp: 177739
Ion Ratio Lower Upper
106 100
91 211.6 104.8 314.6





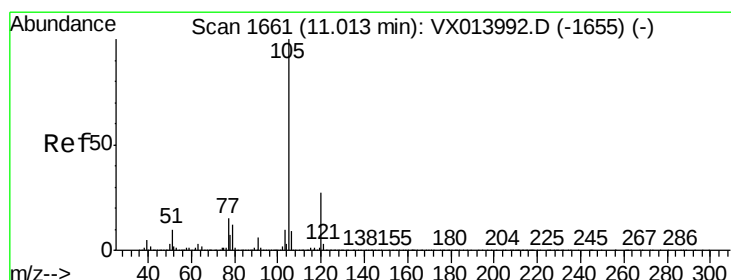
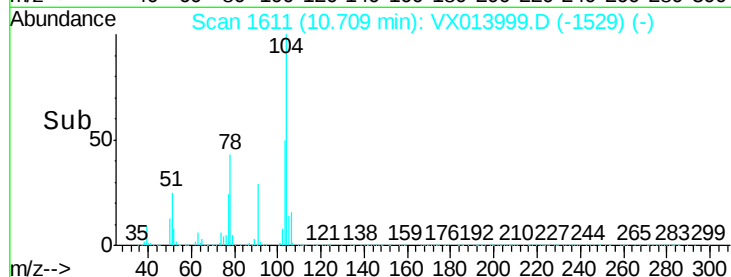
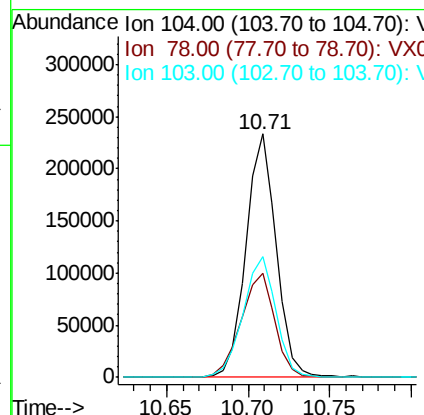
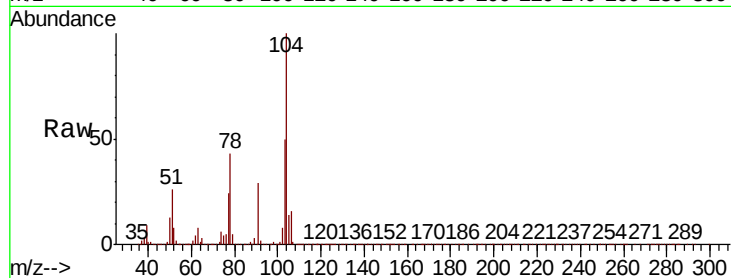
#69
Stvrene
Concen: 17.631 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.9	58.3
103	54.6	44.2	66.2

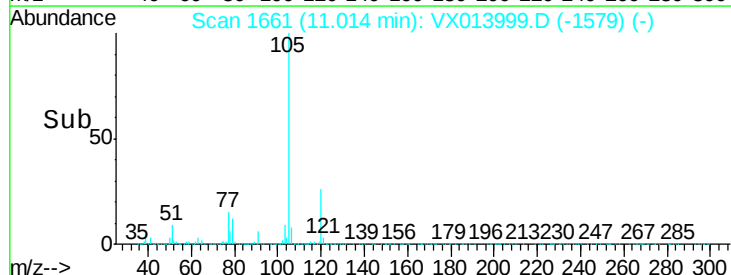
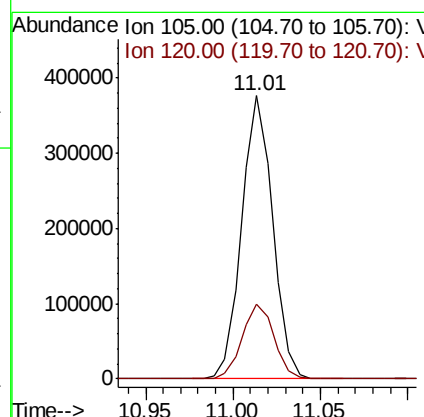
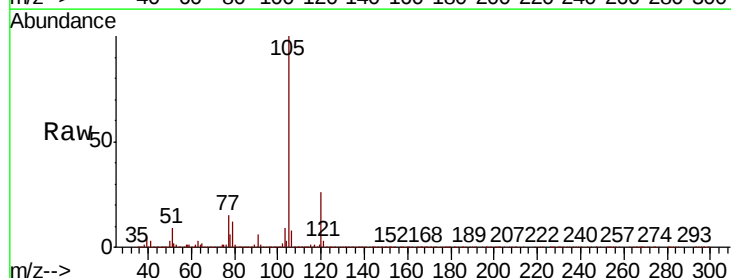
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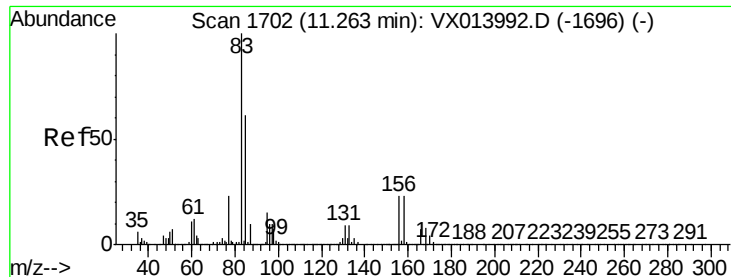
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#70
Isopropylbenzene
Concen: 17.927 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.1	35.5





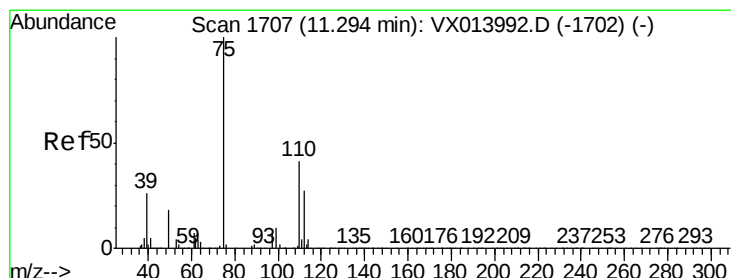
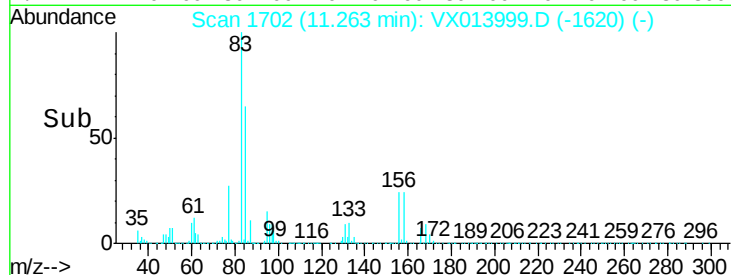
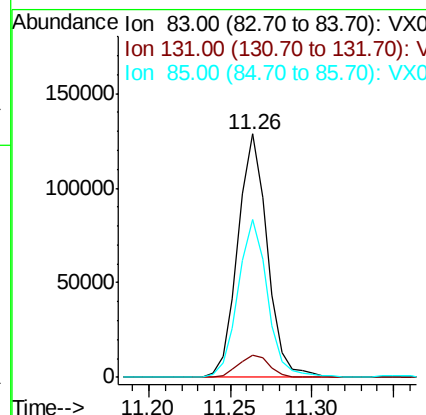
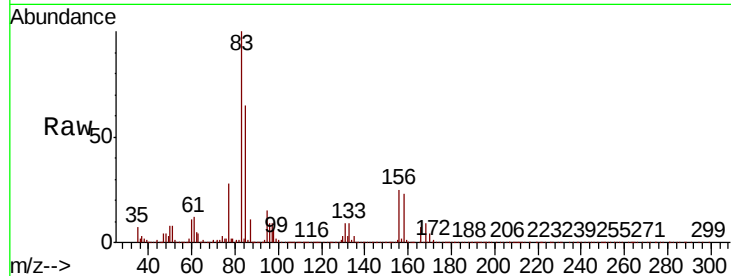
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.761 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
83	100	162563		
131	9.9	4.9	14.7	
85	64.6	31.6	94.7	

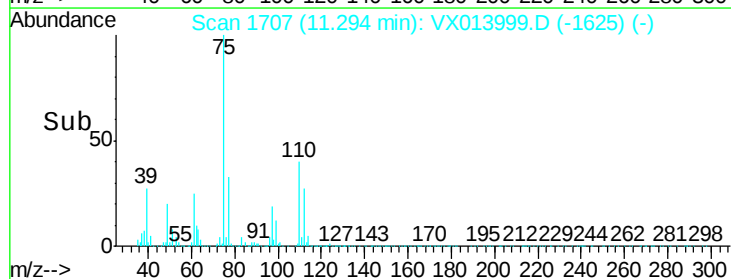
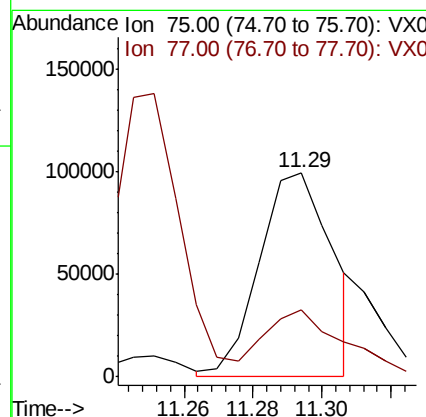
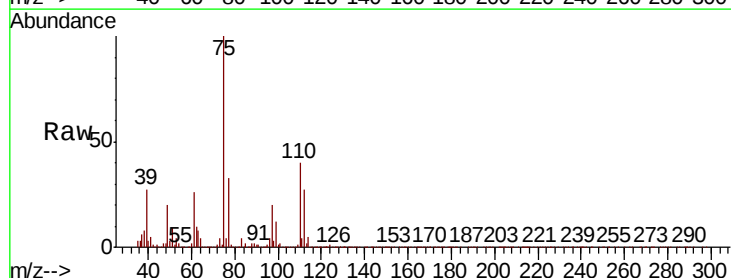
Manual Integrations
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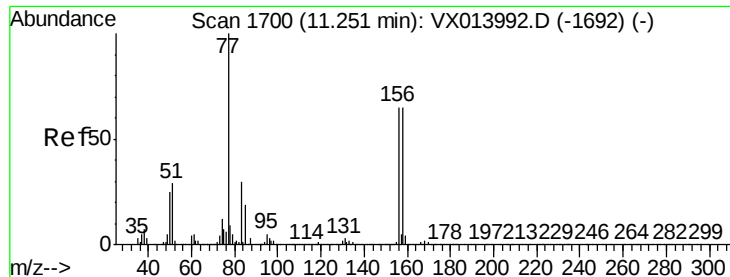
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#72
 1,2,3-Trichloropropane
 Concen: 17.947 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	146214		
77	33.5	0.0	68.4	





#73

Bromobenzene

Concen: 17.793 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

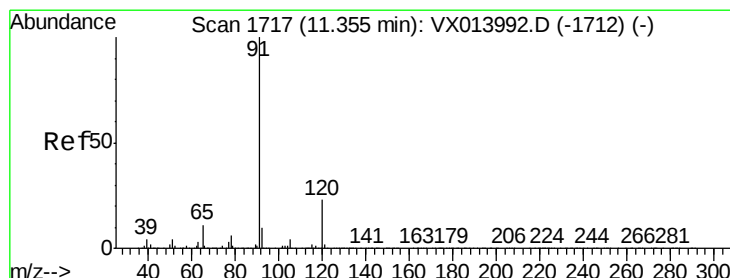
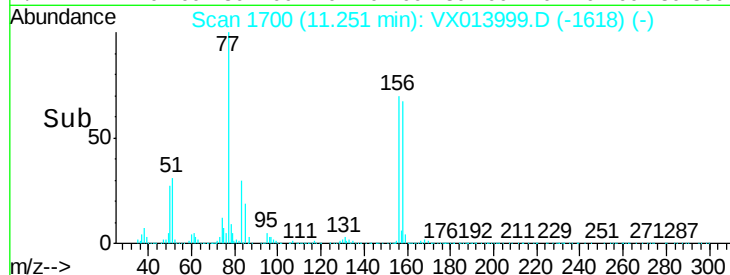
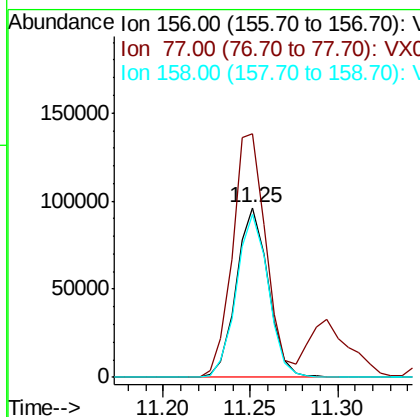
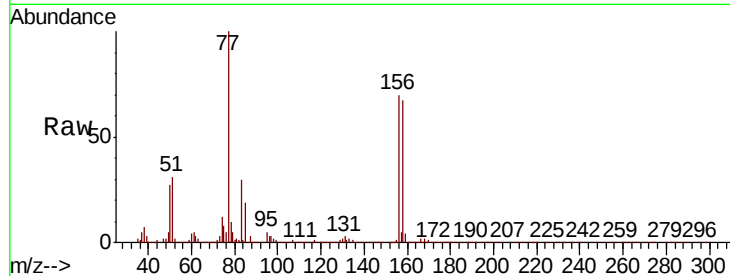
ClientSampleId :

VX1212WBSD04

Tot Ion:	156	Resp:	122594
Ion Ratio	Lower	Upper	
156	100		
77	151.0	0.0	304.6
158	95.6	0.0	195.2

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#74

n-propylbenzene

Concen: 17.905 ug/l

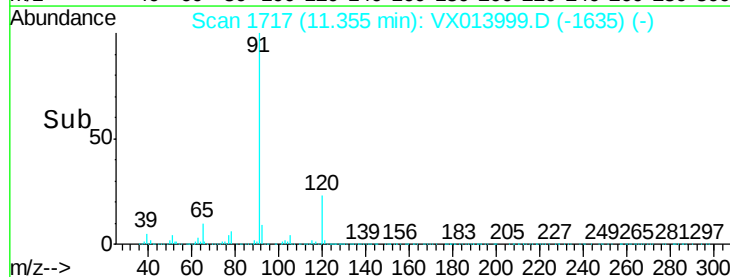
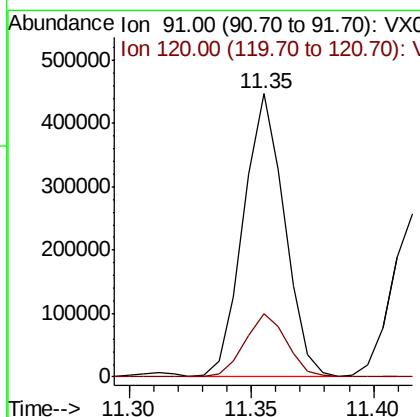
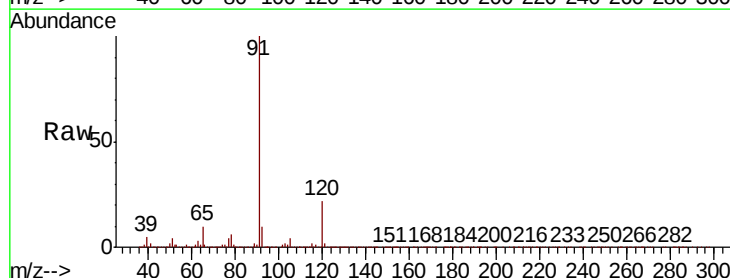
RT: 11.35 min Scan# 1717

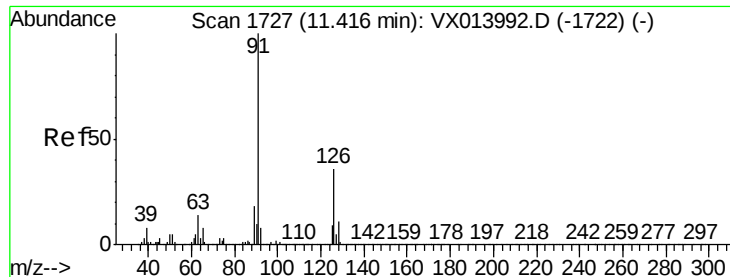
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	91	Resp:	524152
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	44.8





#75

2-Chlorotoluene

Concen: 17.896 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 91 Resp: 316555

Ion Ratio Lower Upper

91 100

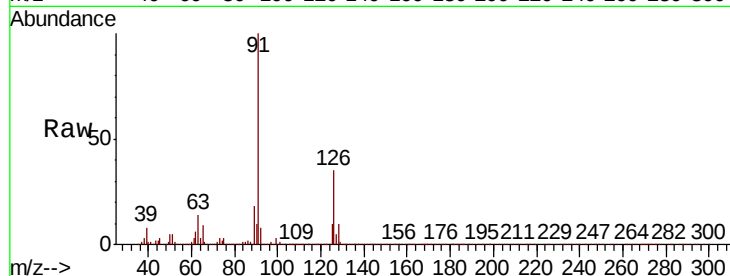
126 34.0 0.0 70.8

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Abundance Ion 91.00 (90.70 to 91.70): VX013999.D (-1645) (-)

Ion 126.00 (125.70 to 126.70): VX013999.D (-1645) (-)

500000

400000

300000

200000

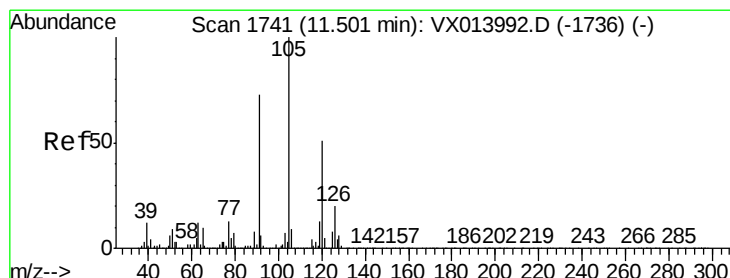
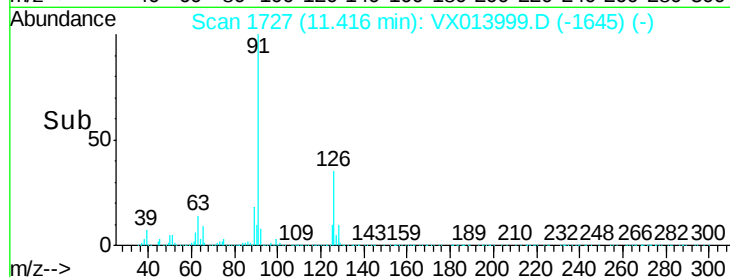
100000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.793 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013999.D

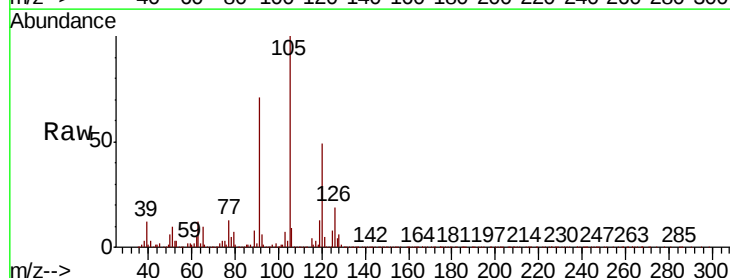
Acq: 13 Dec 2019 02:50

Tgt Ion: 105 Resp: 389577

Ion Ratio Lower Upper

105 100

120 50.0 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VX013999.D (-1659) (-)

Ion 120.00 (119.70 to 120.70): VX013999.D (-1659) (-)

400000

300000

200000

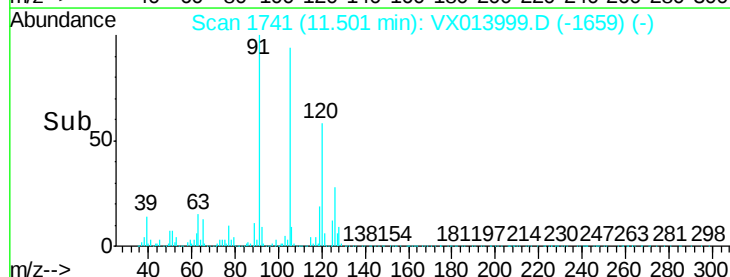
100000

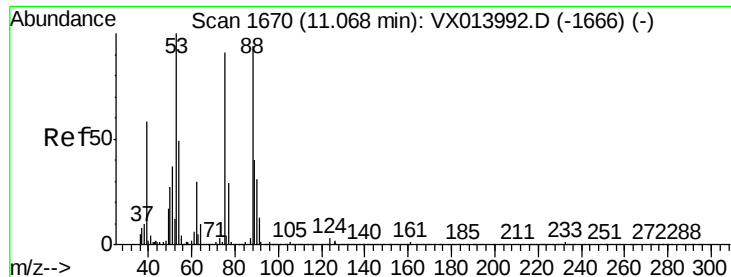
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.185 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBSD04

Tot Ion: 75 Resp: 43546

Ion Ratio Lower Upper

75 100

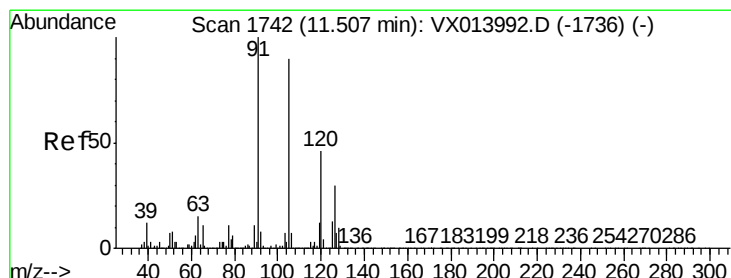
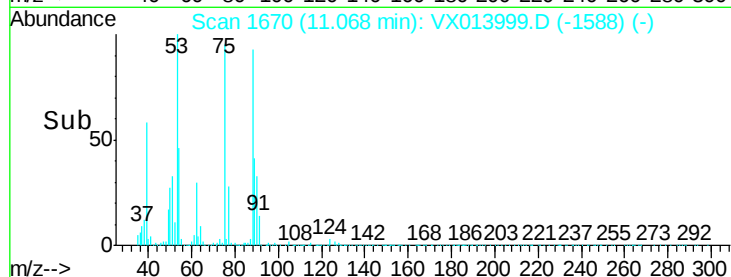
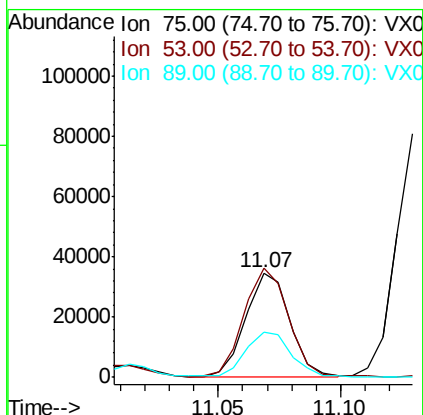
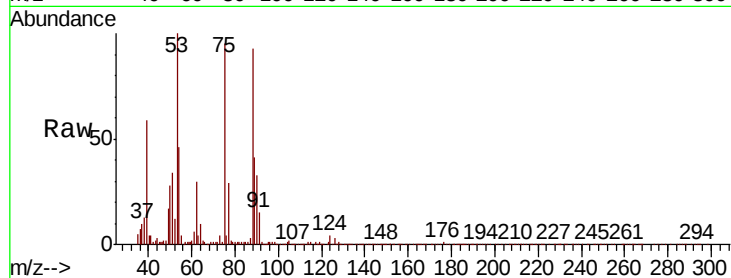
53 104.7 54.4 163.1

89 42.1 21.9 65.5

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#78

4-Chlorotoluene

Concen: 17.418 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013999.D

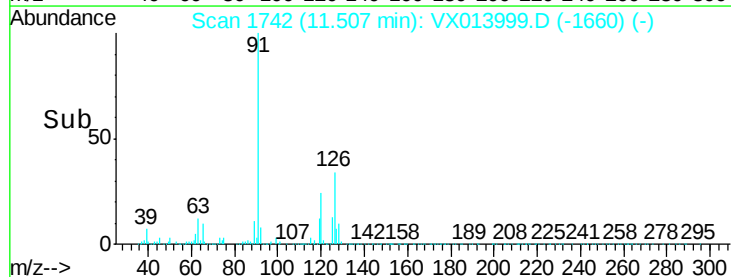
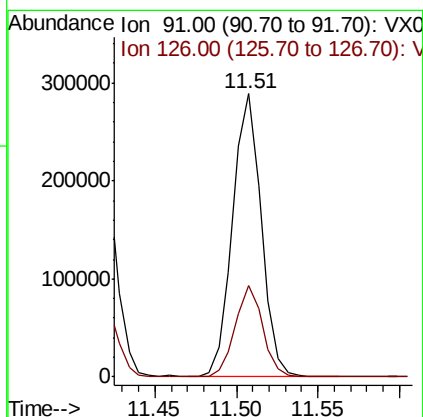
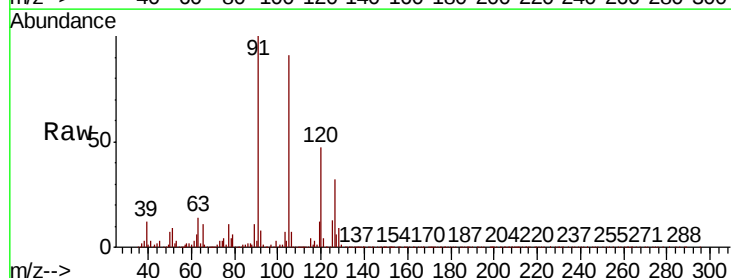
Acq: 13 Dec 2019 02:50

Tgt Ion: 91 Resp: 352061

Ion Ratio Lower Upper

91 100

126 31.0 0.0 59.6





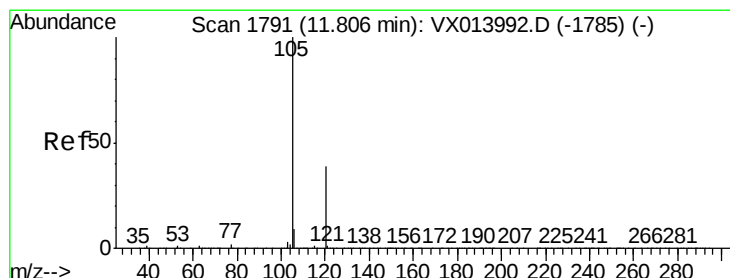
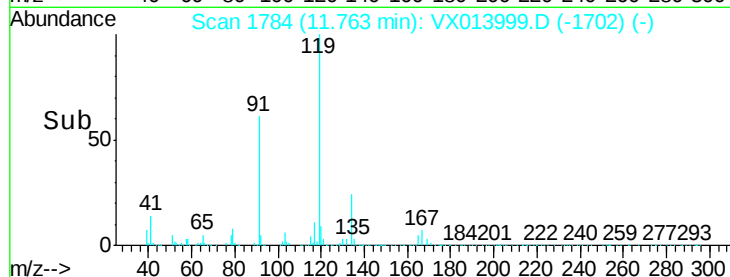
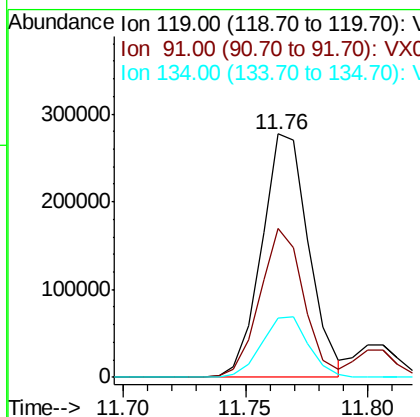
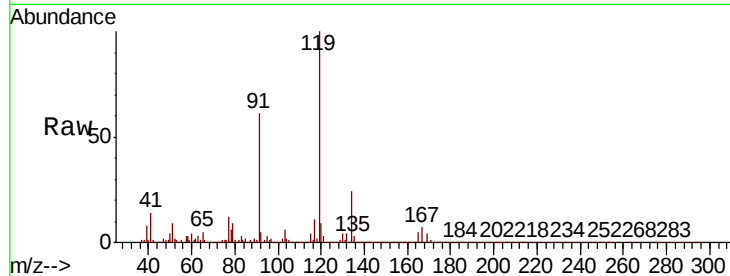
#79
tert-butylbenzene
Concen: 17.652 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	372533		
91	57.3		0.0	112.6
134	24.8		0.0	49.8

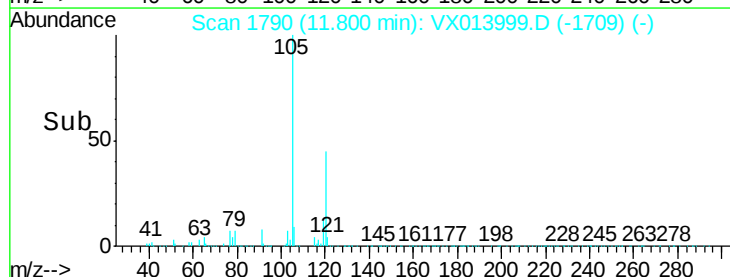
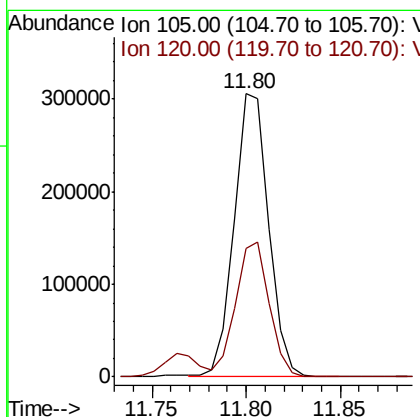
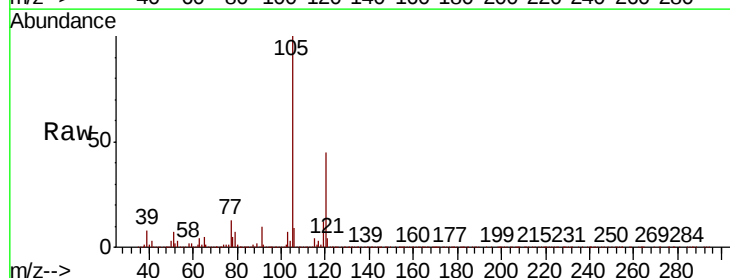
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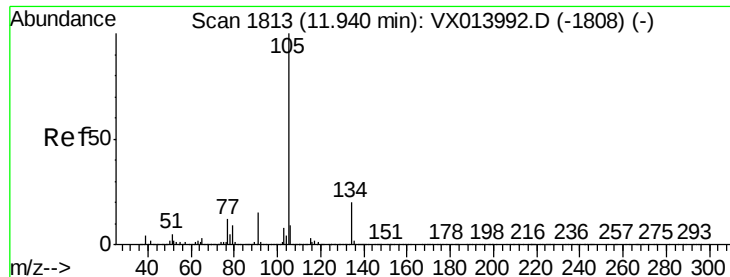
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.717 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	387881		
120	46.3		0.0	92.0





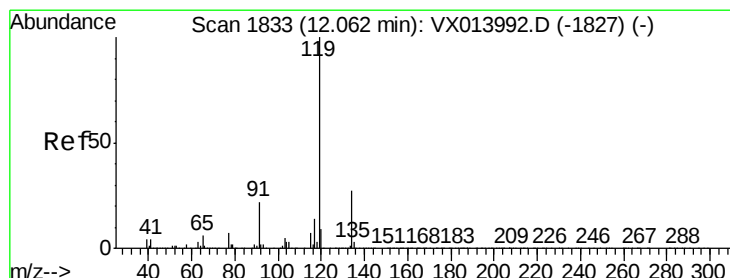
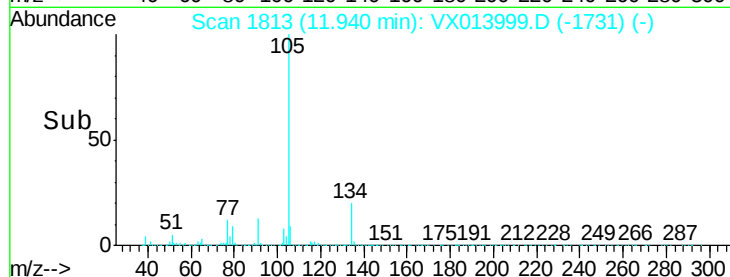
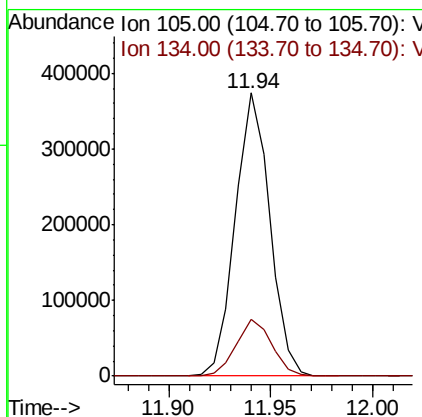
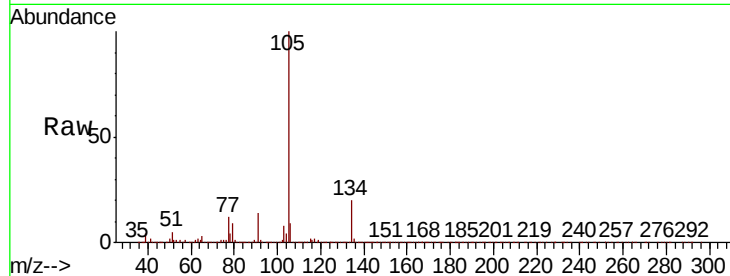
#81
 sec-Butylbenzene
 Concen: 17.443 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
105	100	437855		
134	20.7	0.0	40.2	

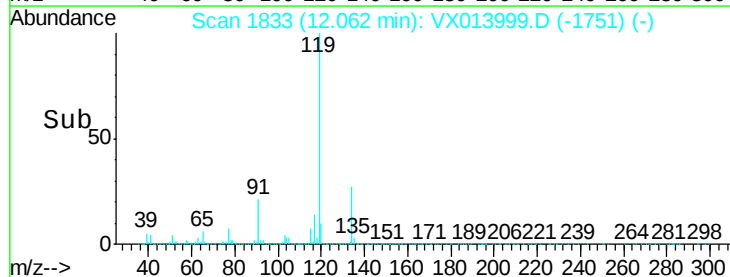
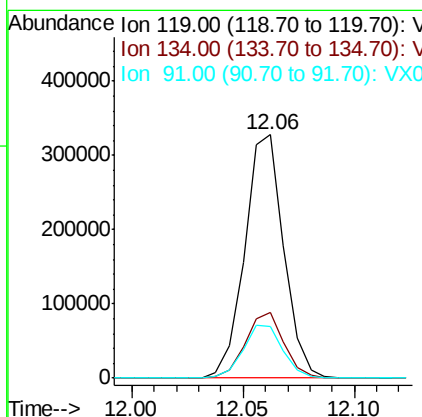
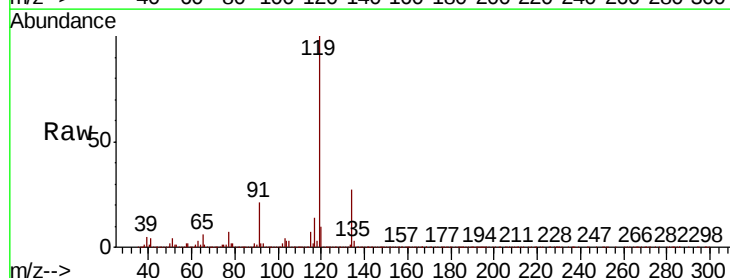
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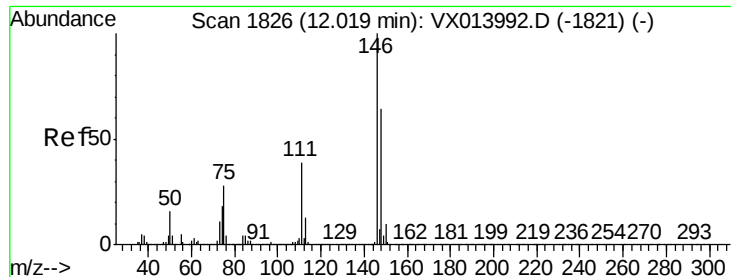
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 12/13/2019 12:40:09 PM



#82
 p-Isopropyltoluene
 Concen: 17.579 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013999.D
 Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	398215		
134	26.5	0.0	53.8	
91	22.1	0.0	45.0	





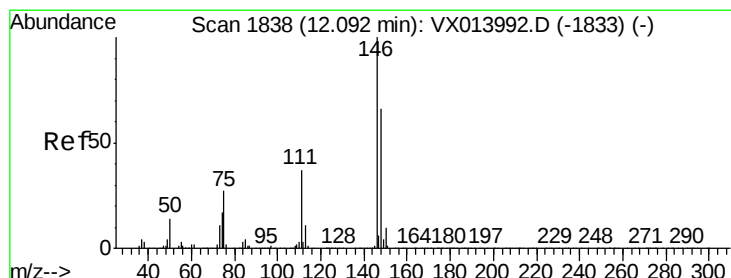
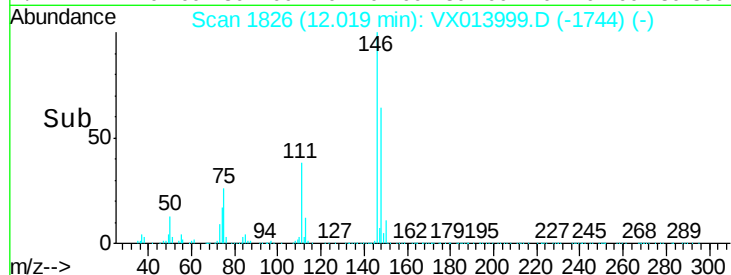
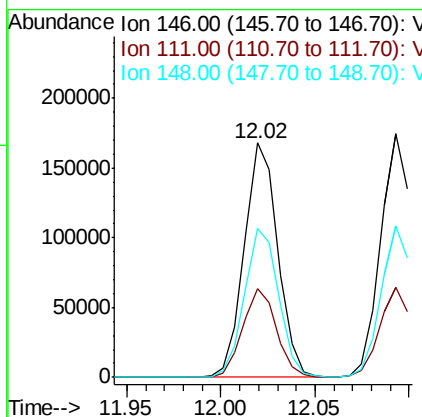
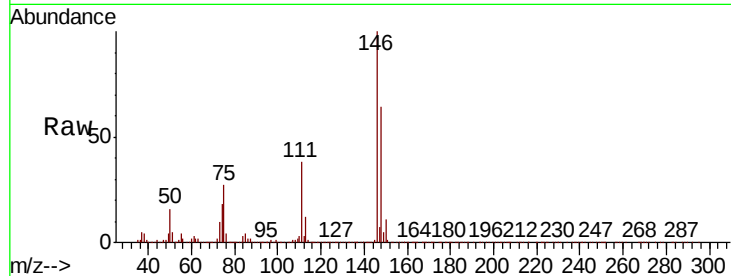
#83
1,3-Dichlorobenzene
Concen: 17.314 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.3	57.9
148	64.3	32.2	96.6

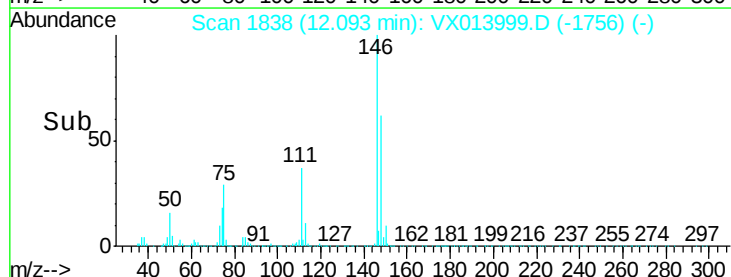
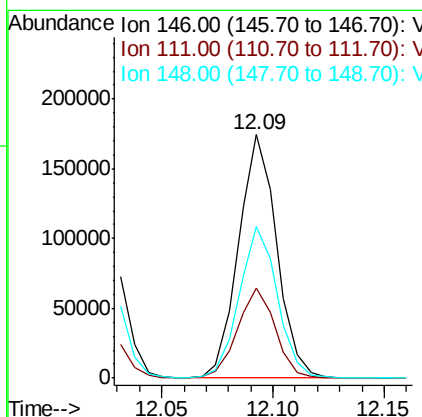
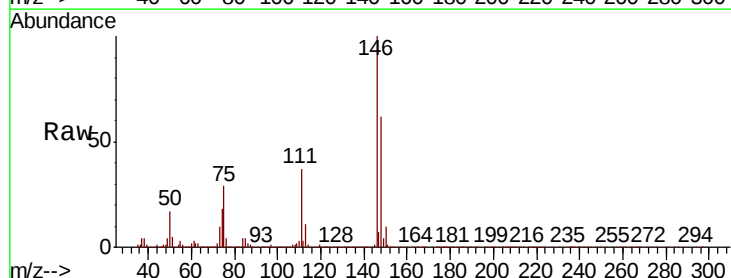
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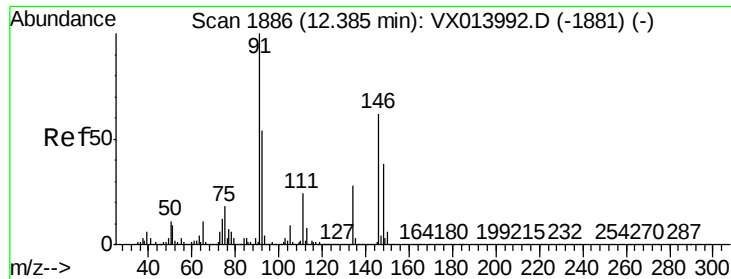
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#84
1,4-Dichlorobenzene
Concen: 17.435 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.4
148	62.5	32.0	96.0





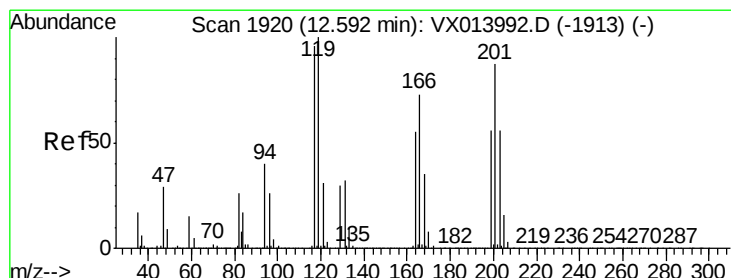
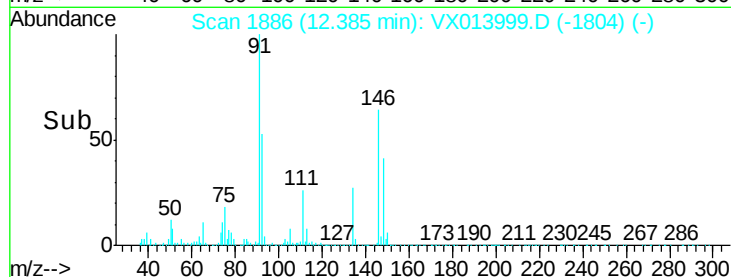
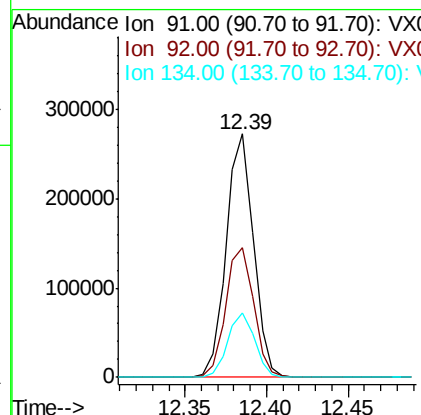
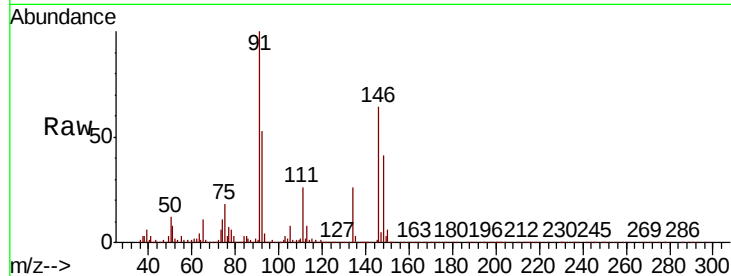
#85
n-Butylbenzene
Concen: 16.666 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
91	100	317413		
92	54.6	0.0	109.0	
134	26.4	0.0	54.0	

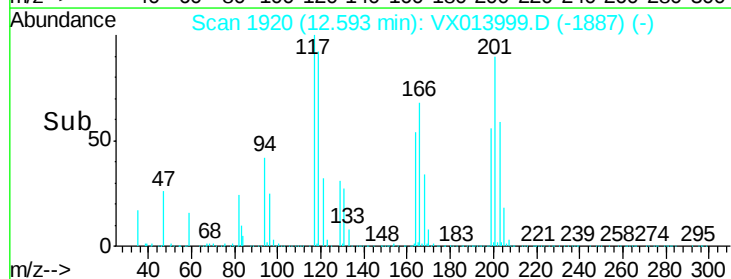
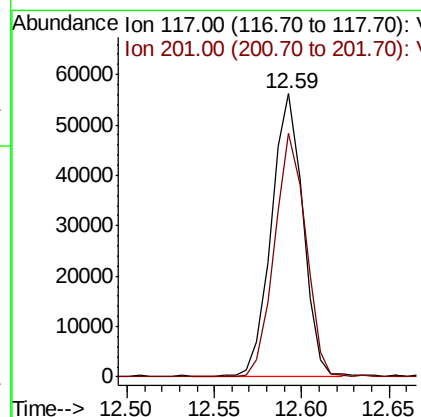
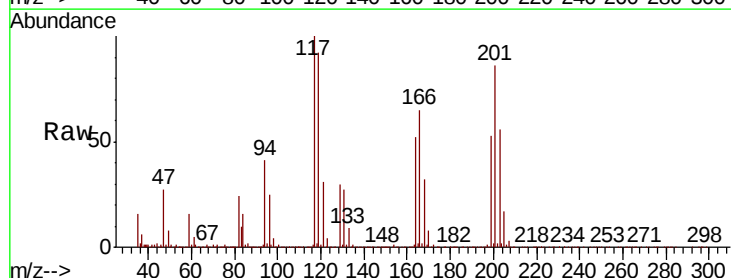
Manual Integrations
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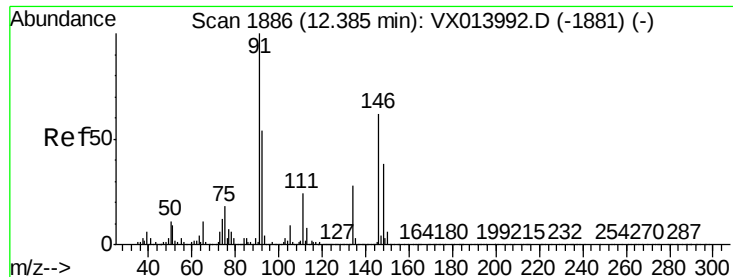
MMDadoda
12/13/2019 12:40:09 PM



#86
Hexachloroethane
Concen: 17.056 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70089		
201	85.8	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 17.736 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Instrument :

MSVOA_X

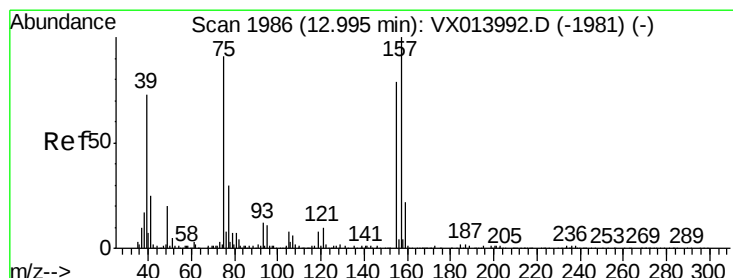
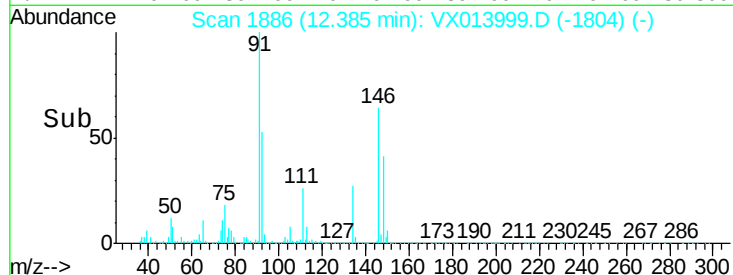
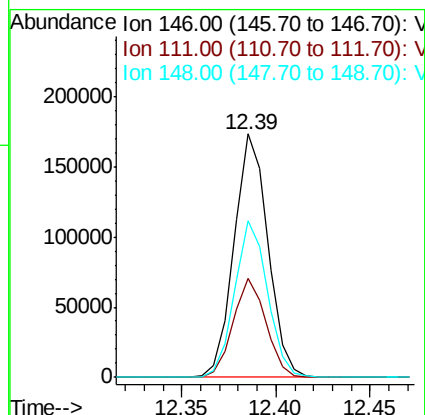
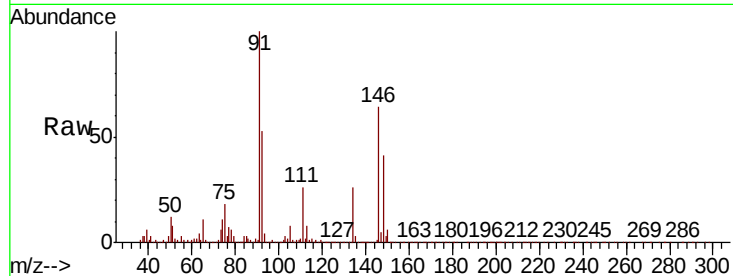
ClientSampleId :

VX1212WBSD04

Tot Ion:	146	Resp:	216344
Ion Ratio	Lower	Upper	
146	100		
111	39.4	20.1	60.2
148	62.6	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.735 ug/l

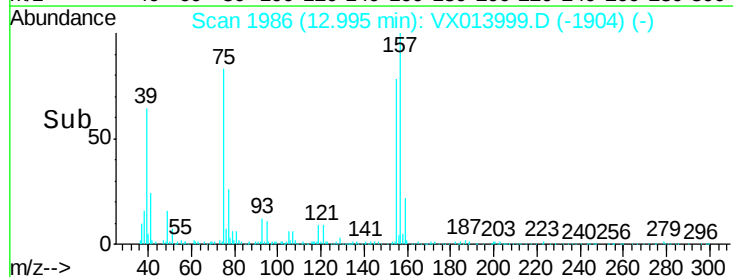
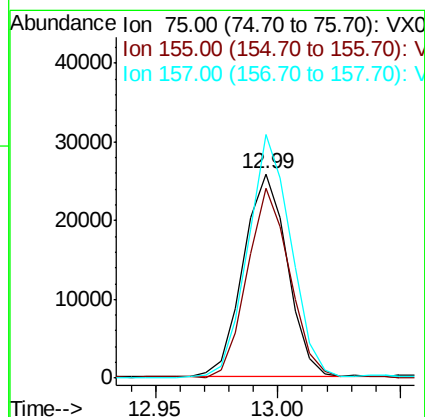
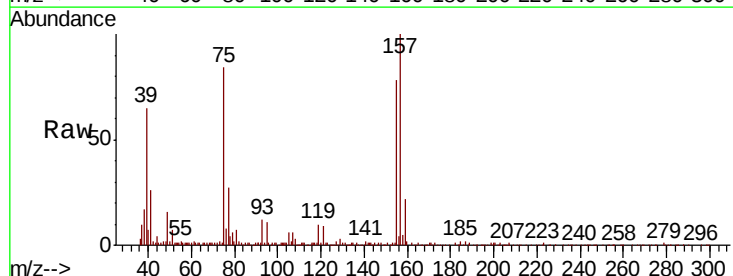
RT: 12.99 min Scan# 1886

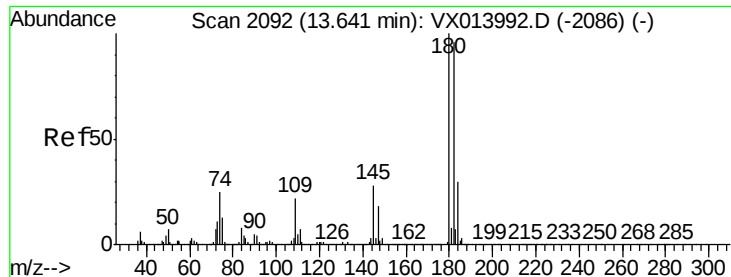
Delta R.T. 0.00 min

Lab File: VX013999.D

Acq: 13 Dec 2019 02:50

Tgt Ion:	75	Resp:	32354
Ion Ratio	Lower	Upper	
75	100		
155	90.7	73.8	110.6
157	118.2	95.0	142.4





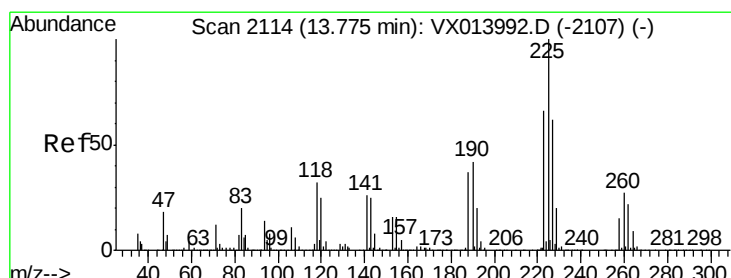
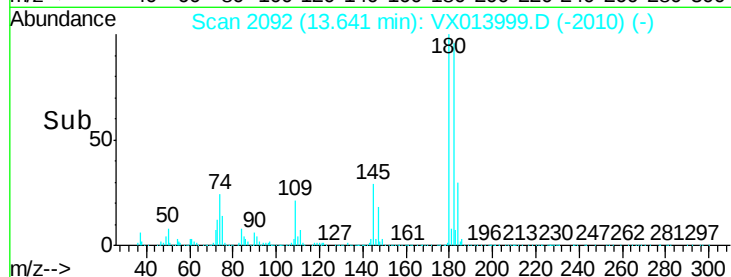
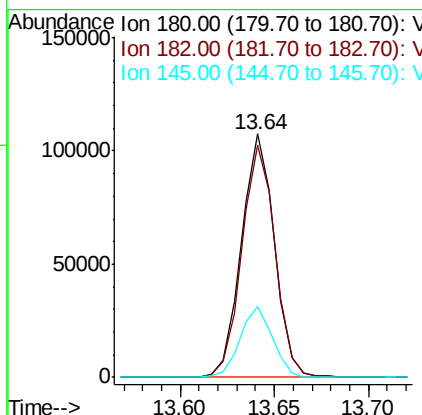
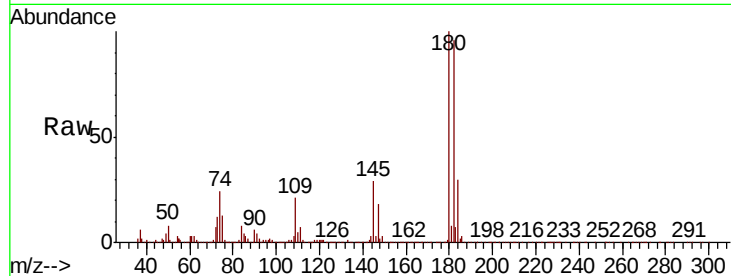
#89
1,2,4-Trichlorobenzene
Concen: 16.610 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129491		
182	96.8	76.4	114.6	
145	28.8	21.9	32.9	

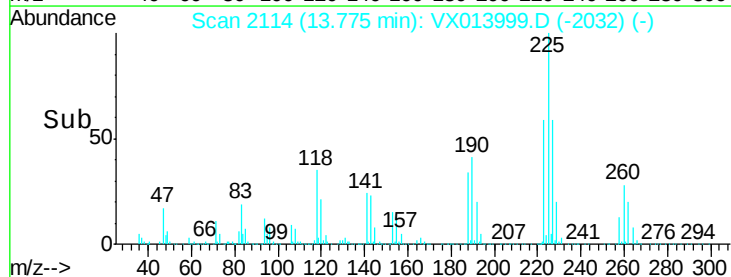
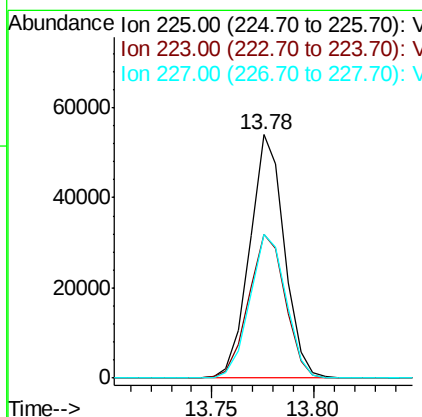
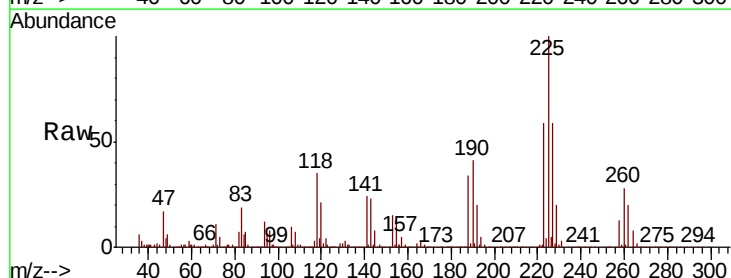
Manual Integrations
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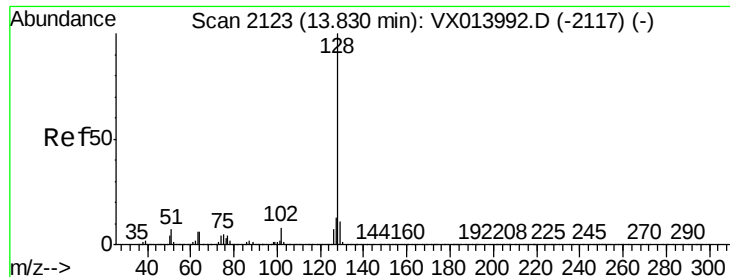
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#90
Hexachlorobutadiene
Concen: 17.214 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63790		
223	62.5	0.0	127.4	
227	61.8	0.0	122.8	





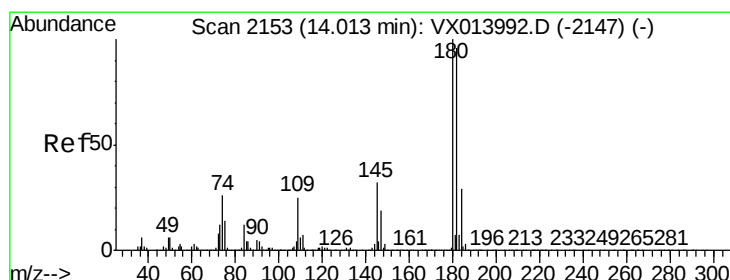
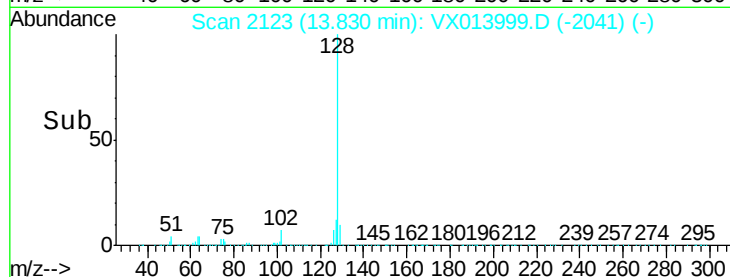
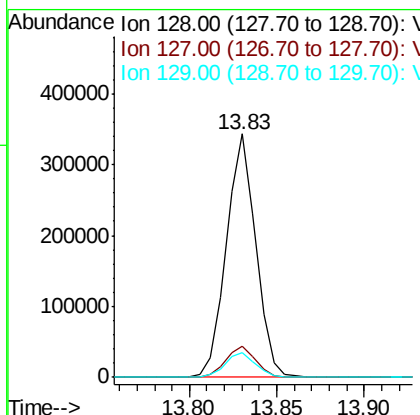
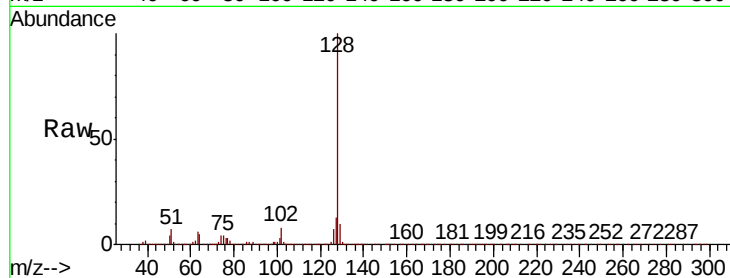
#91
Naphthalene
Concen: 17.173 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBSD04

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.480 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013999.D
Acq: 13 Dec 2019 02:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	192.8
145	29.0	0.0	60.0

