

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013380.D
 Acq On : 12 Nov 2019 12:45
 Operator : JC/SP
 Sample : VX1112WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:38:14 AM

Quant Time: Nov 12 13:07:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	119890	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	657077	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	588098	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	251130	28.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.57%
60) 4-Bromofluorobenzene	11.13	95	275000	29.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.97%
63) Toluene-d8	8.71	98	802449	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	182259	20.290	ug/l 99
3) Chloromethane	1.31	50	206205	21.063	ug/l 97
4) Vinyl Chloride	1.40	62	229740	20.652	ug/l 100
5) Bromomethane	1.63	94	130667	19.539	ug/l 97
6) Chloroethane	1.72	64	128540	21.021	ug/l 99
7) Trichlorofluoromethane	1.92	101	245891	20.532	ug/l 98
8) Diethyl Ether	2.17	74	111634	20.415	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	145691	20.220	ug/l 99
10) 1,1-Dichloroethene	2.36	96	150620	20.342	ug/l 100
11) Methyl Iodide	2.50	142	169327	18.521	ug/l 99
12) Methyl Acetate	2.76	43	256669	19.782	ug/l 93
13) Acrolein	2.28	56	107644	78.105	ug/l 98
14) Acrylonitrile	3.12	53	444820	93.232	ug/l 98
15) Acetone	2.43	58	134576	93.132	ug/l 96
16) Carbon Disulfide	2.56	76	411064	19.904	ug/l 99
17) Allyl chloride	2.72	41	273363	20.048	ug/l 99
18) Methylene Chloride	2.84	84	170823	20.334	ug/l 99
19) trans-1,2-Dichloroethene	3.15	96	160766	20.316	ug/l 100
20) Diisopropyl ether	3.84	45	538808	20.539	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	295566	20.686	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	184251	20.422	ug/l 98
23) tert-Butyl Alcohol	3.03	59	212254	92.442	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	503353	20.540	ug/l 99
25) Chloroform	5.20	83	292197	20.892	ug/l 97
26) Cyclohexane	5.57	56	260899	20.107	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	214144	21.337	ug/l 99
30) 2-Butanone	4.65	43	679165	102.525	ug/l 100
31) 2,2-Dichloropropane	4.58	77	229705	21.134	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	237978	21.333	ug/l 99
33) Carbon Tetrachloride	5.78	117	204670	21.123	ug/l 99
34) Benzene	6.13	78	667761	21.936	ug/l 97
35) Methacrylonitrile	5.03	41	141514	21.392	ug/l 96
36) 1,2-Dichloroethane	6.18	62	231197	21.698	ug/l 100
37) Trichloroethene	7.21	130	173596	21.286	ug/l 99
38) Methylcyclohexane	7.45	83	257950	20.962	ug/l 100
39) 1,2-Dichloropropane	7.51	63	166556	21.160	ug/l 99
40) Dibromomethane	7.65	93	111526	21.291	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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Manual Integrations
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MMDadoda
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Quant Time: Nov 12 13:07:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	216066	21.130	ug/l	94
42) Vinyl Acetate	3.80	43	2235622	107.193	ug/l	100
43) Ethyl Acetate	4.82	43	253660	20.995	ug/l	97
44) Isopropyl Acetate	6.43	43	402024	20.700	ug/l	98
45) 1,4-Dioxane	7.73	88	87896	409.926	ug/l	100
46) Methyl methacrylate	7.76	41	201927	20.902	ug/l	99
47) n-amyl Acetate	10.89	43	348138	20.436	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	235703	20.556	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	264727	21.070	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	170243	21.963	ug/l	98
51) Ethyl methacrylate	9.17	69	262983	20.606	ug/l	97
52) 1,3-Dichloropropane	9.37	76	285099	21.515	ug/l	99
53) Dibromochloromethane	9.57	129	172048	20.942	ug/l	98
54) 1,2-Dibromoethane	9.67	107	180834	21.817	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	521985	95.721	ug/l	100
56) Bromoform	10.85	173	130078	19.896	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1305999	106.304	ug/l	100
59) 2-Hexanone	9.48	43	992024	102.053	ug/l	98
61) Tetrachloroethene	9.33	164	158475	21.853	ug/l	97
62) Toluene	8.78	91	717441	21.901	ug/l	99
64) Chlorobenzene	10.14	112	439809	21.473	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	162467	21.191	ug/l	99
66) Ethyl Benzene	10.25	91	779438	21.658	ug/l	100
67) m/p-Xylenes	10.35	106	590616	42.545	ug/l	98
68) o-Xylene	10.70	106	291037	21.723	ug/l	98
69) Styrene	10.71	104	488332	21.346	ug/l	99
70) Isopropylbenzene	11.01	105	762480	21.599	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	263425	20.840	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	248170m	23.252	ug/l	
73) Bromobenzene	11.25	156	200438	21.530	ug/l	97
74) n-propylbenzene	11.35	91	854253	21.293	ug/l	100
75) 2-Chlorotoluene	11.42	91	510463	21.397	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	627200	21.137	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	84591	19.602	ug/l	96
78) 4-Chlorotoluene	11.51	91	579041	21.184	ug/l	100
79) tert-butylbenzene	11.76	119	618713	20.666	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	628023	21.238	ug/l	100
81) sec-Butylbenzene	11.94	105	723403	21.178	ug/l	100
82) p-Isopropyltoluene	12.06	119	668776	21.250	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	344329	21.037	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	337885	20.797	ug/l	99
85) n-Butylbenzene	12.39	91	553777	20.388	ug/l	100
86) Hexachloroethane	12.59	117	114804	19.878	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	343592	20.993	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	56401	19.952	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	226648	20.084	ug/l	97
90) Hexachlorobutadiene	13.78	225	108347	20.036	ug/l	97
91) Naphthalene	13.83	128	733595	20.531	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	230973	20.253	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

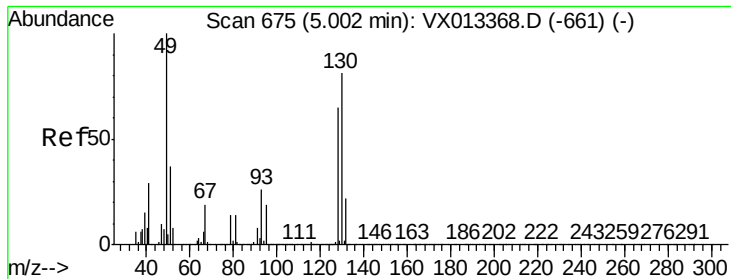
Manual Integrations
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11/13/2019 9:38:14 AM

Quant Time: Nov 12 13:07:06 2019
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QLast Update : Tue Nov 12 01:16:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

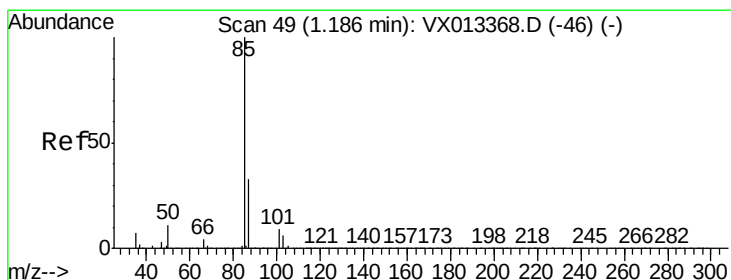
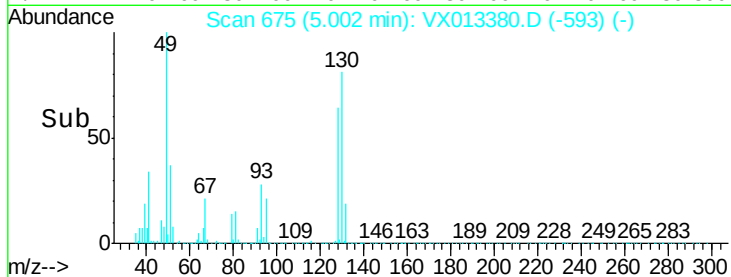
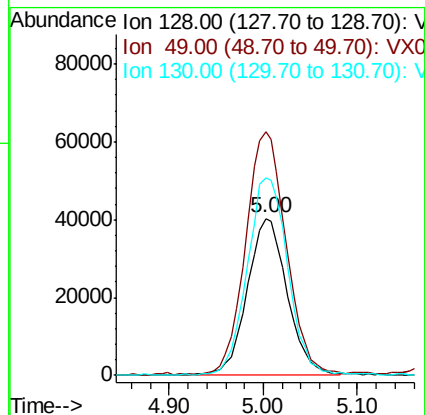
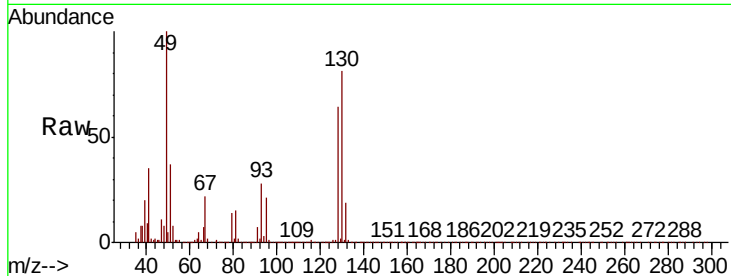
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	157.0	0.0	388.3
130	128.1	0.0	318.5

Manual Integrations
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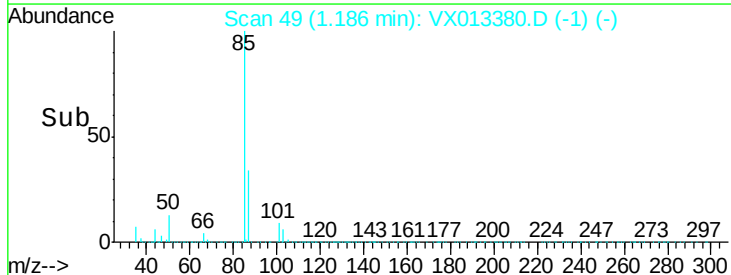
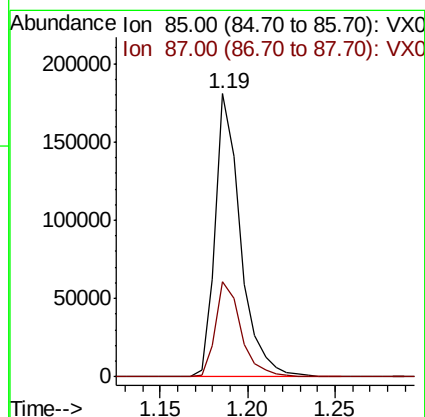
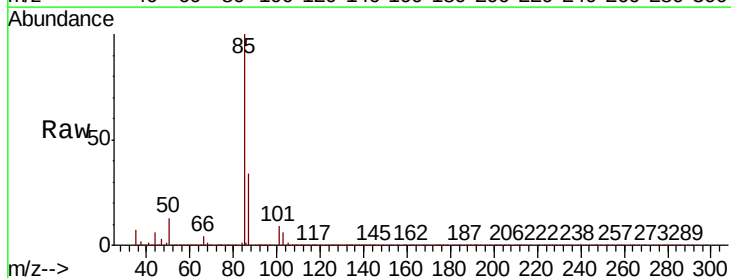
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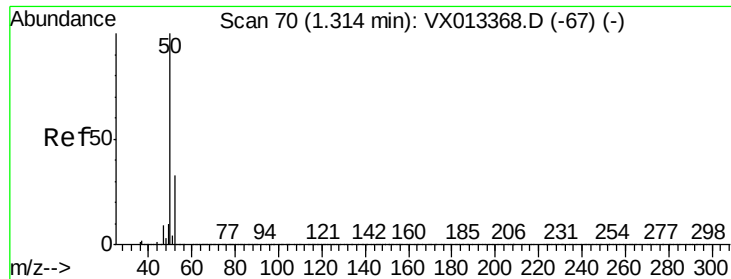


#2

Dichlorodifluoromethane
Concen: 20.290 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.6	49.7





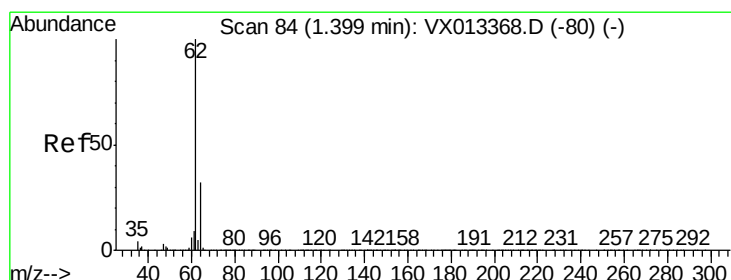
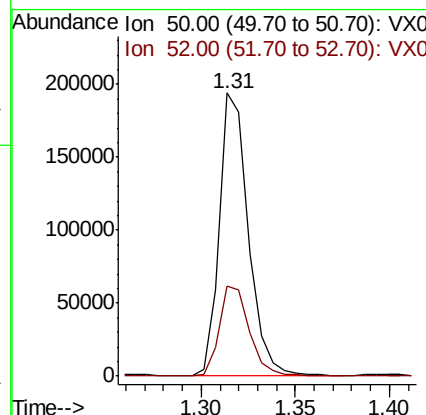
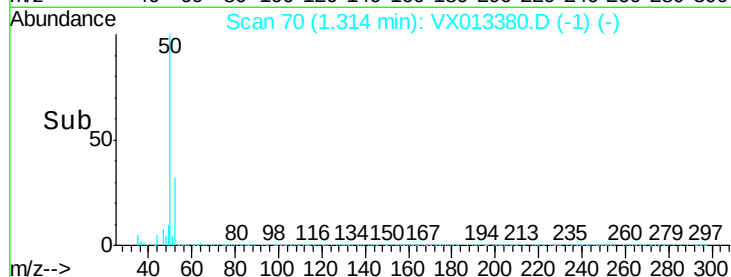
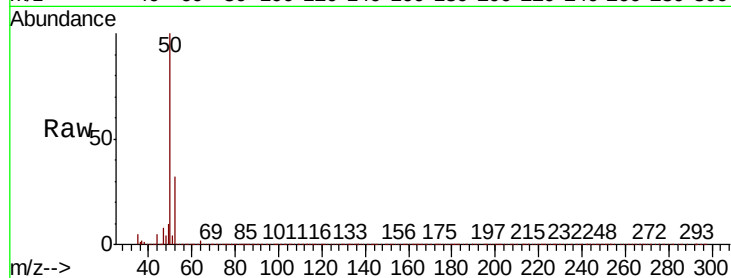
#3
Chloromethane
Concen: 21.063 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.6	40.0

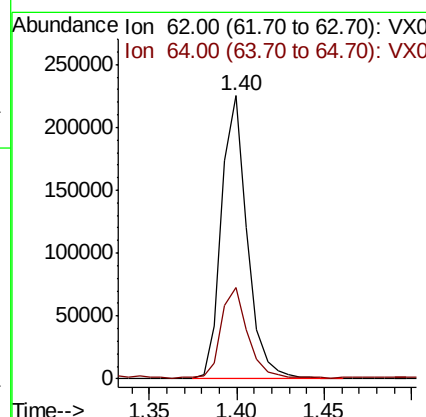
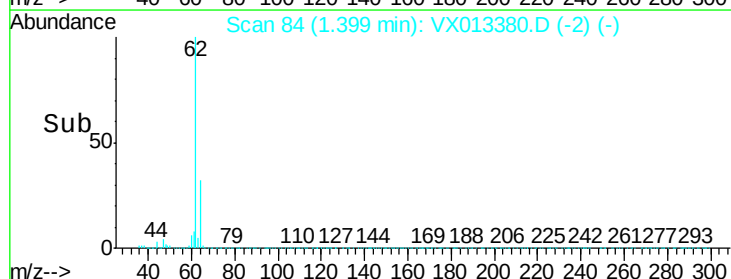
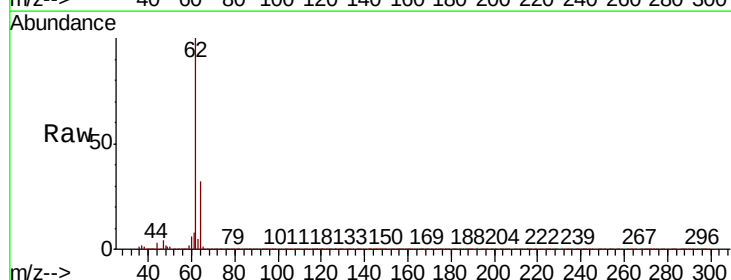
Manual Integrations
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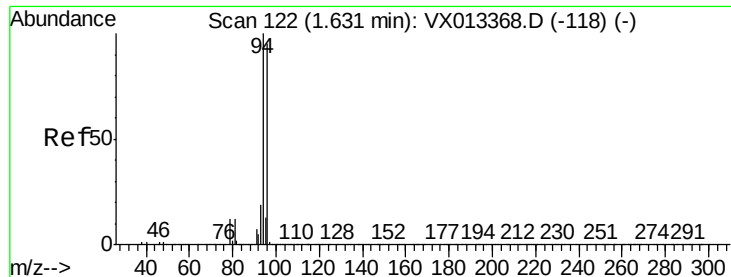
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#4
Vinyl Chloride
Concen: 20.652 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2





#5

Bromomethane

Concen: 19.539 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 94 Resp: 130667

Ion Ratio Lower Upper

94 100

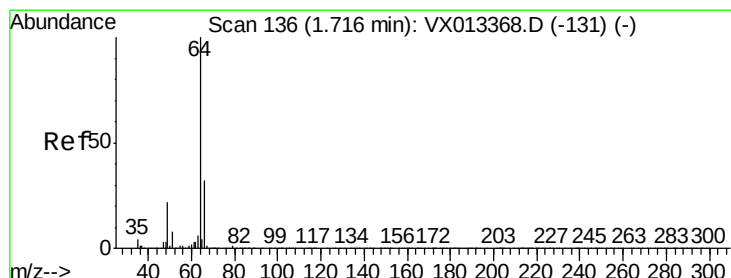
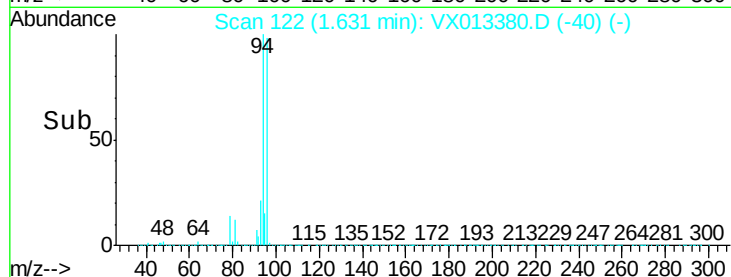
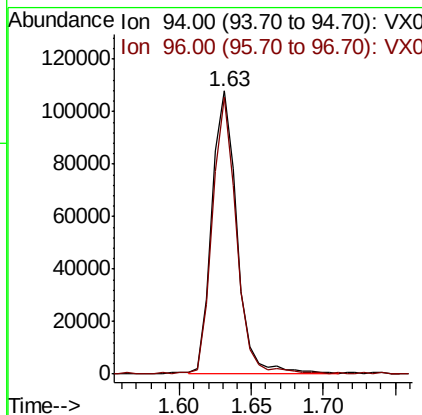
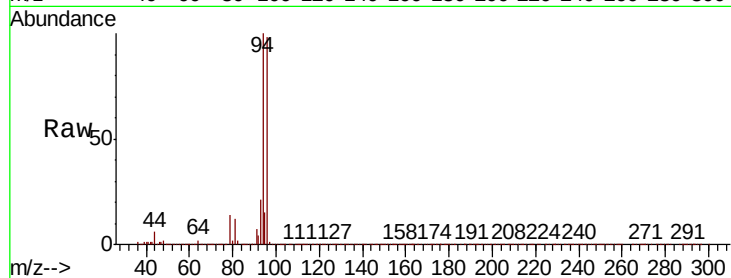
96 97.6 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 21.021 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013380.D

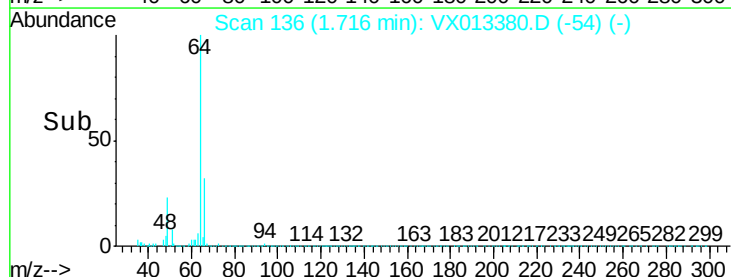
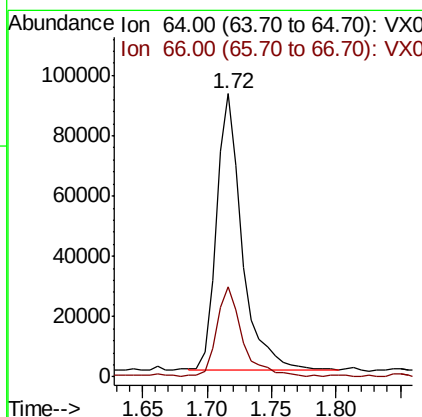
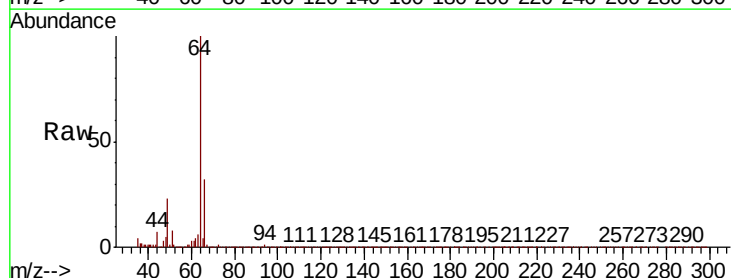
Acq: 12 Nov 2019 12:45

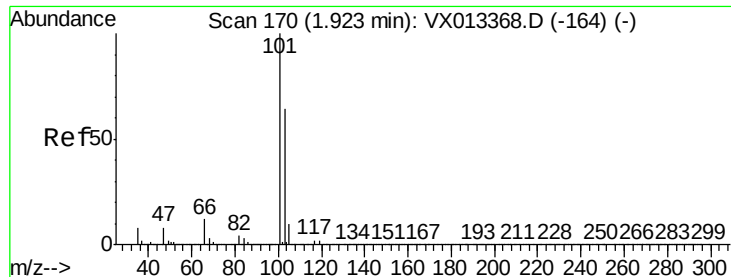
Tgt Ion: 64 Resp: 128540

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

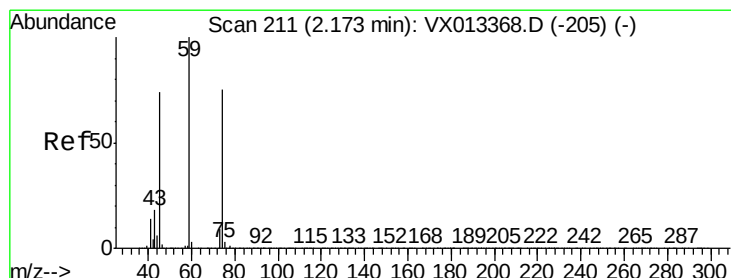
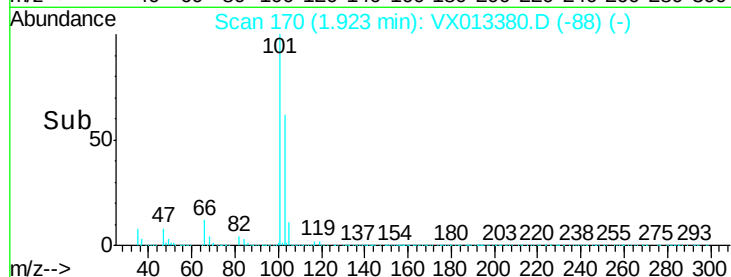
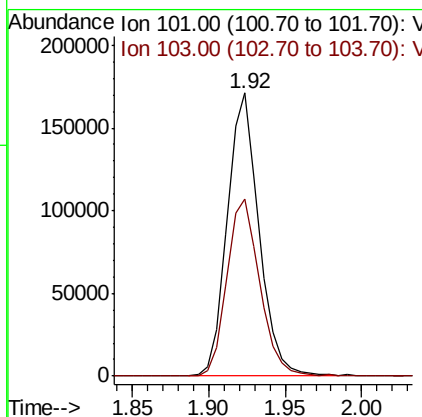
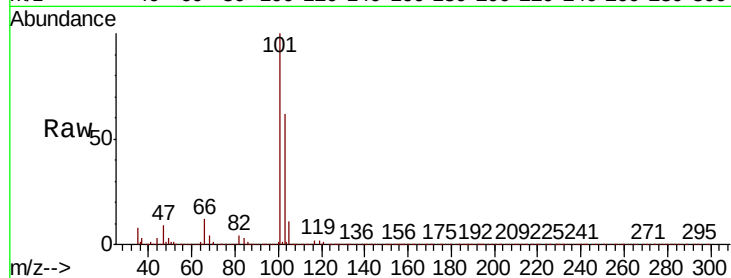
Trichlorofluoromethane
Concen: 20.532 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.2	76.8

Manual Integrations
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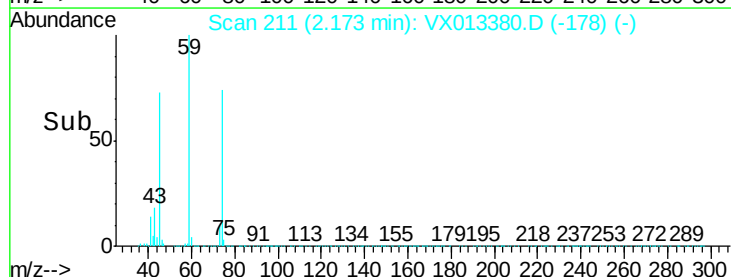
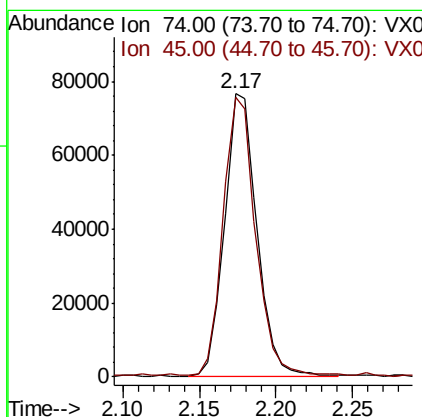
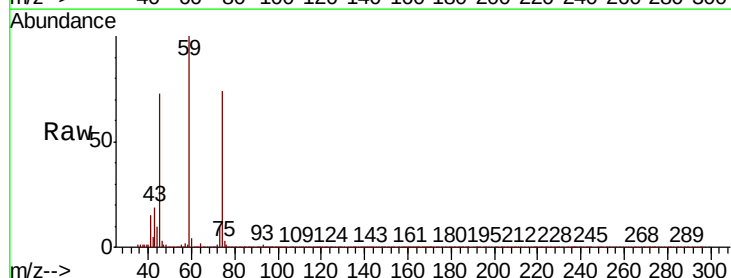
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11/13/2019 9:38:14 AM

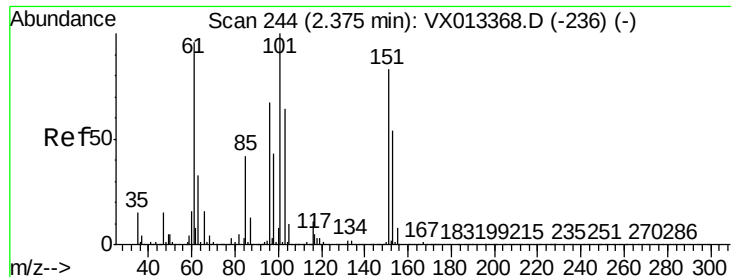


#8

Diethyl Ether
Concen: 20.415 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.220 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

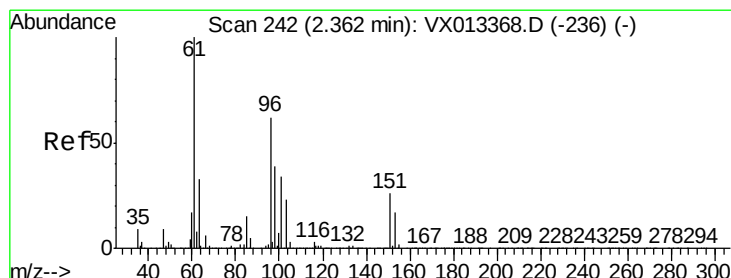
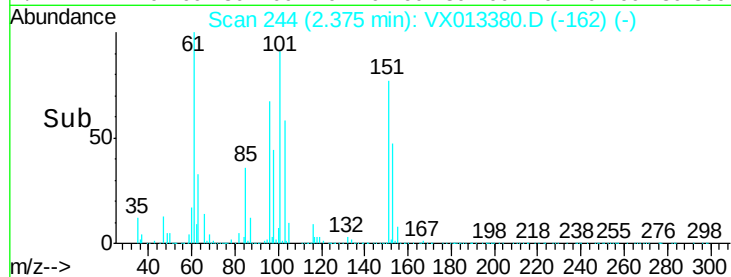
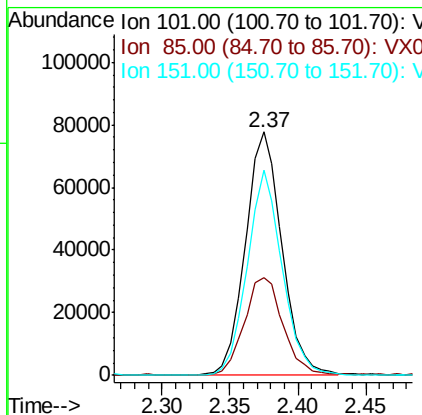
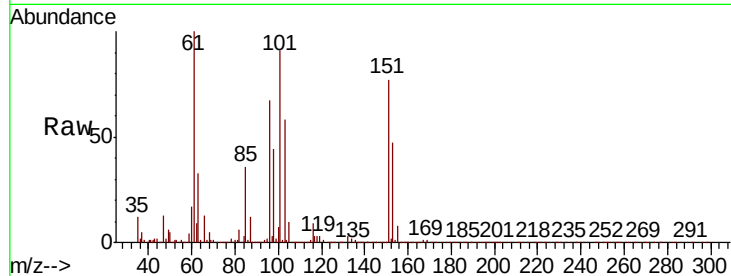
ClientSampleId :

VX1112WBS01

Tot Ion:	101	Resp:	145691
Ion Ratio	Lower	Upper	
101	100		
85	42.1	0.0	83.2
151	81.1	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.342 ug/l

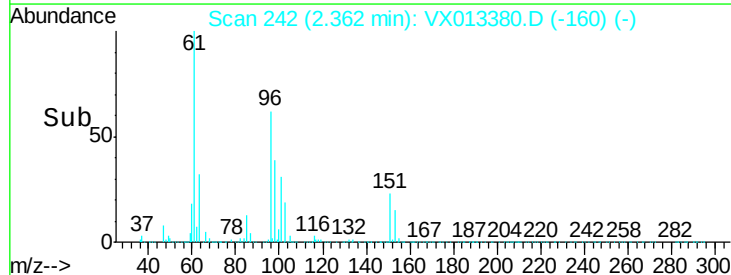
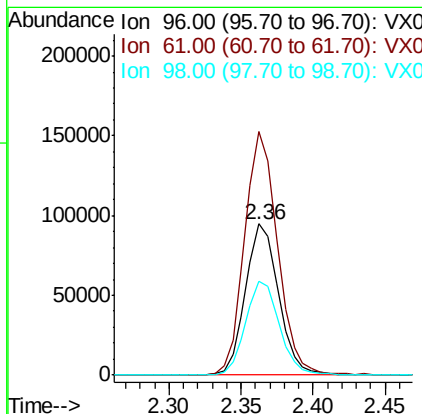
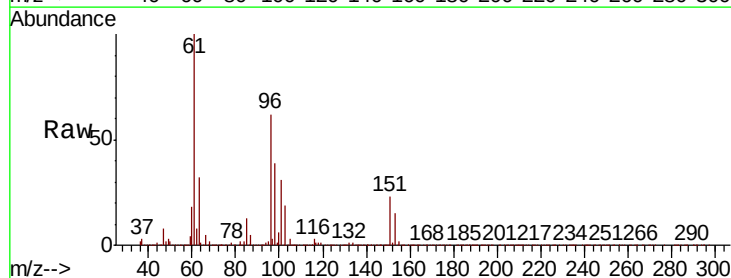
RT: 2.36 min Scan# 242

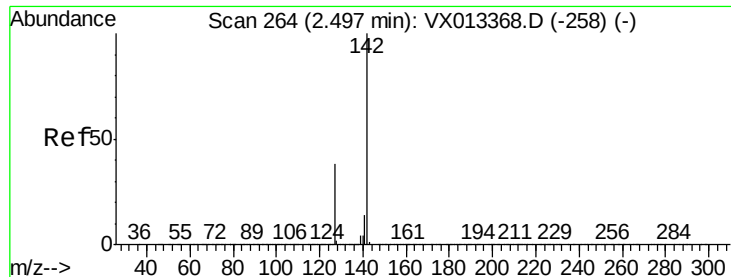
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	96	Resp:	150620
Ion Ratio	Lower	Upper	
96	100		
61	161.1	128.9	193.3
98	62.3	49.7	74.5





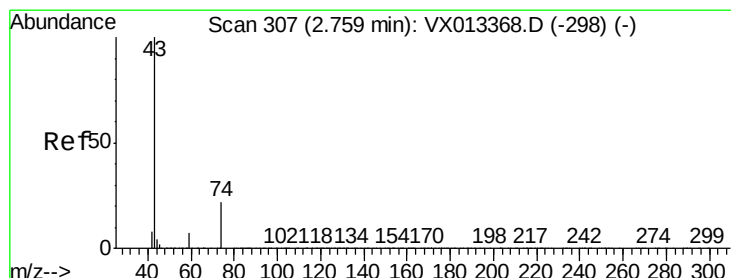
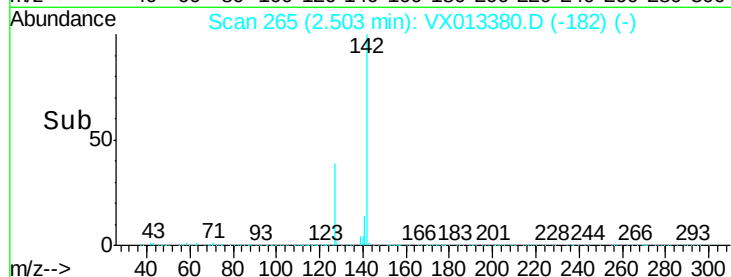
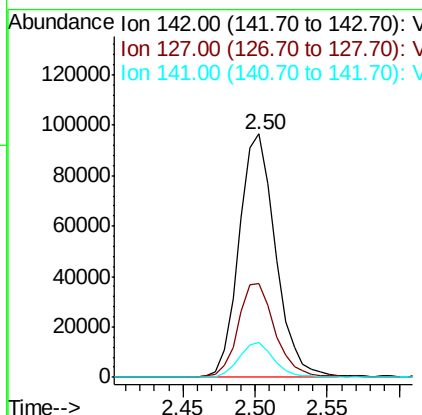
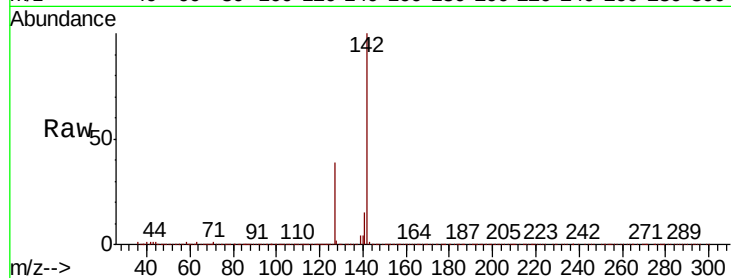
#11
Methvl Iodide
Concen: 18.521 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.5	19.1	57.5
141	14.4	7.0	21.0

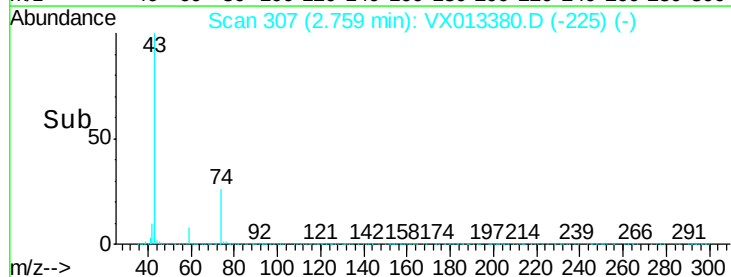
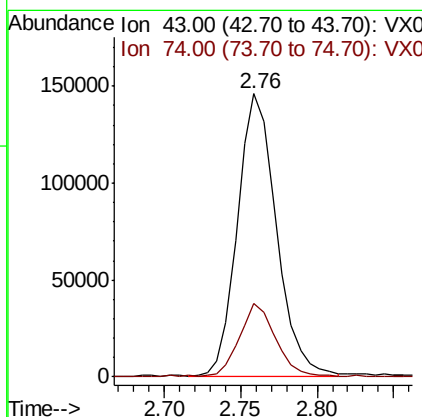
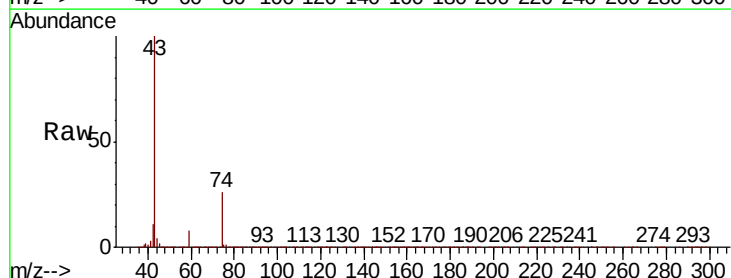
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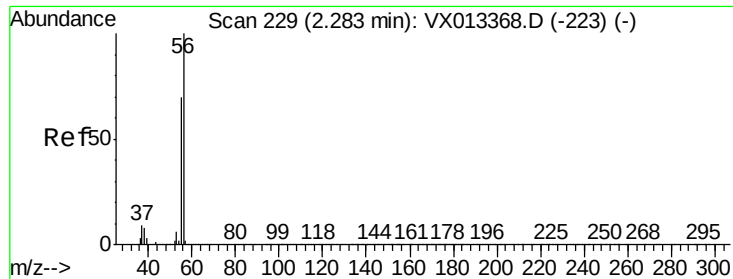
MMDadoda
11/13/2019 9:38:14 AM



#12
Methyl Acetate
Concen: 19.782 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	18.0	27.0





#13

Acrolein

Concen: 78.105 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 56 Resp: 107644

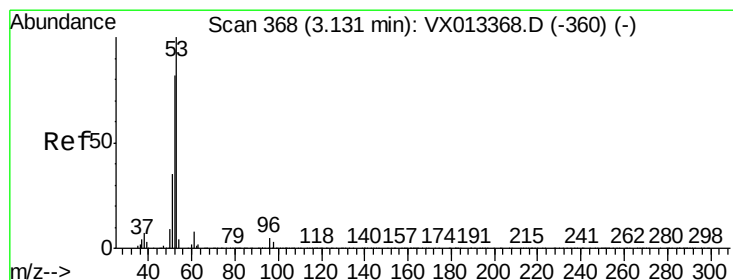
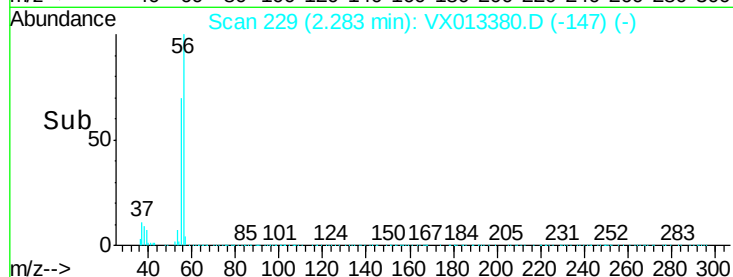
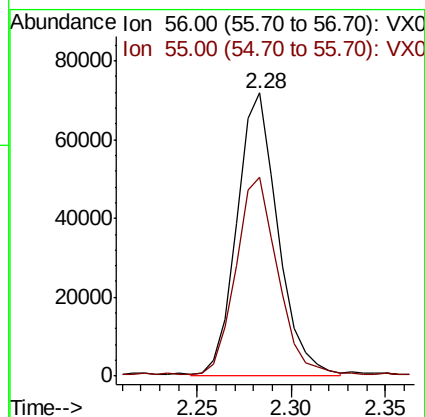
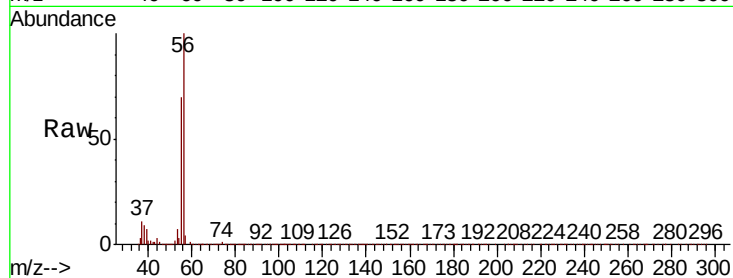
Ion Ratio Lower Upper

56 100

55 71.2 55.8 83.8

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#14

Acrylonitrile

Concen: 93.232 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

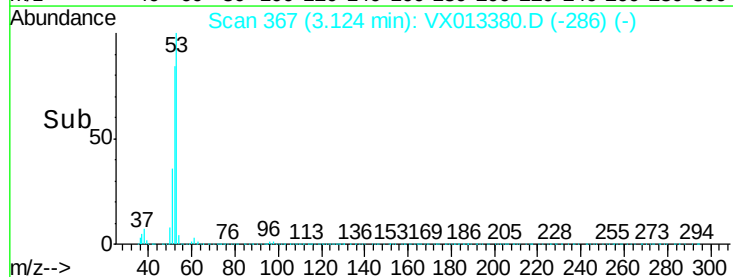
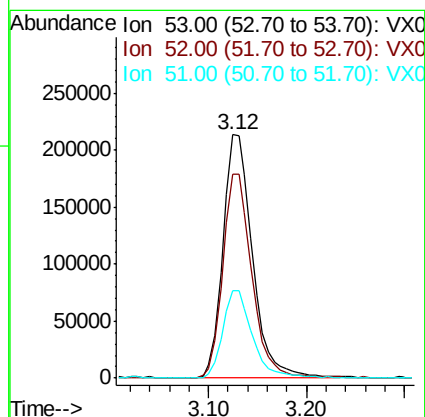
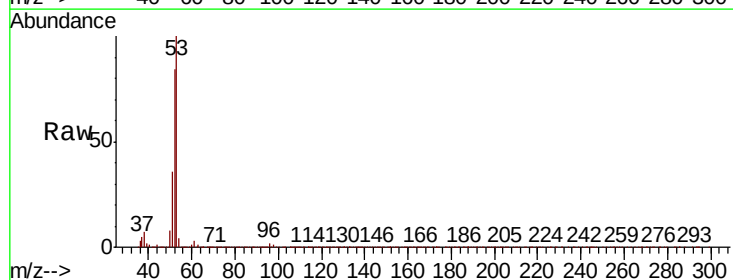
Tgt Ion: 53 Resp: 444820

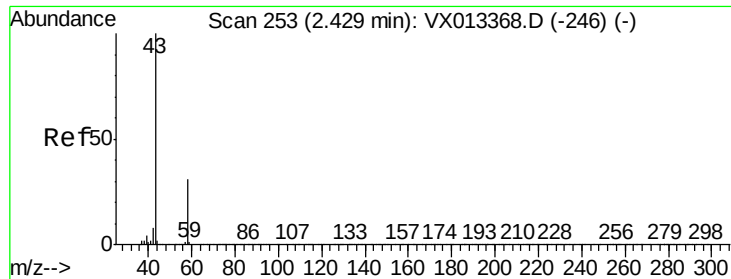
Ion Ratio Lower Upper

53 100

52 83.1 41.0 123.0

51 36.3 17.3 51.9





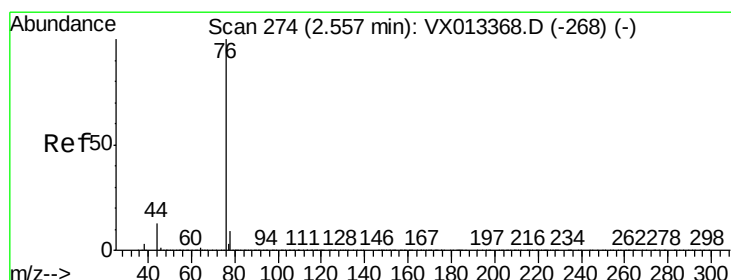
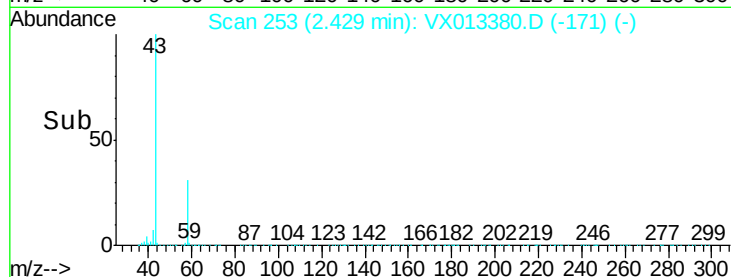
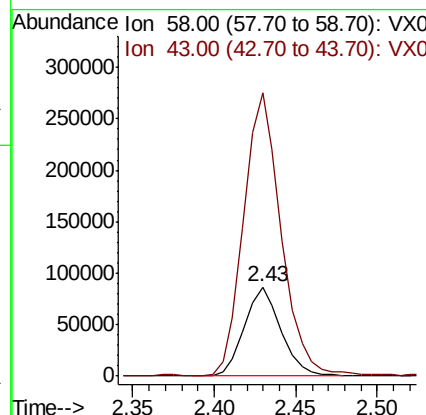
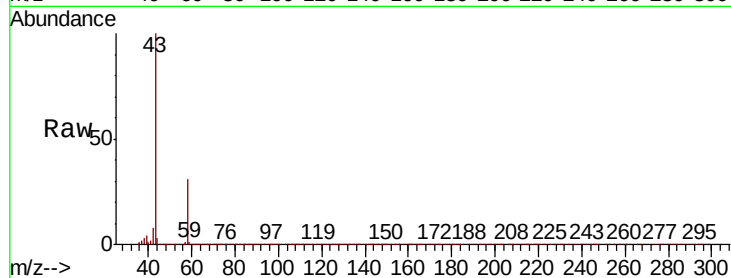
#15
Acetone
Concen: 93.132 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
58	100		
43	318.7	261.4	392.2

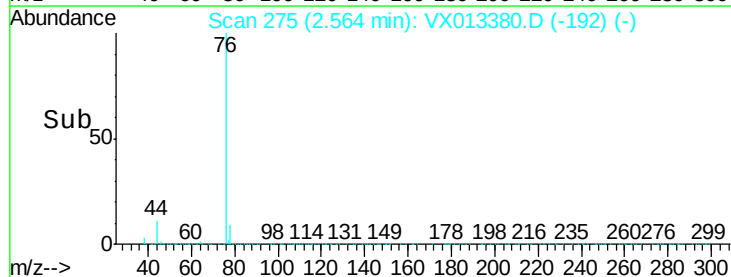
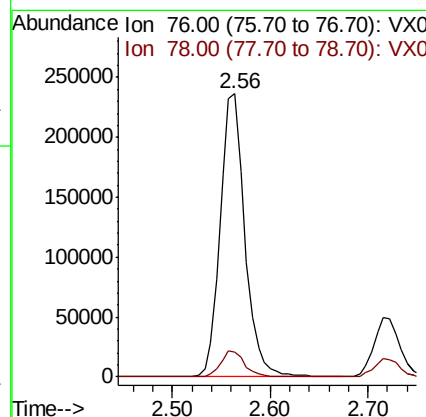
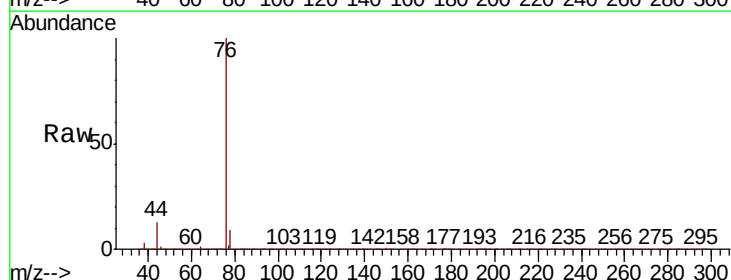
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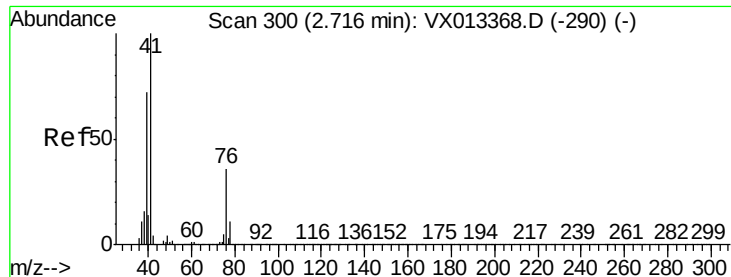
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#16
Carbon Disulfide
Concen: 19.904 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0





#17

Allvl chloride

Concen: 20.048 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

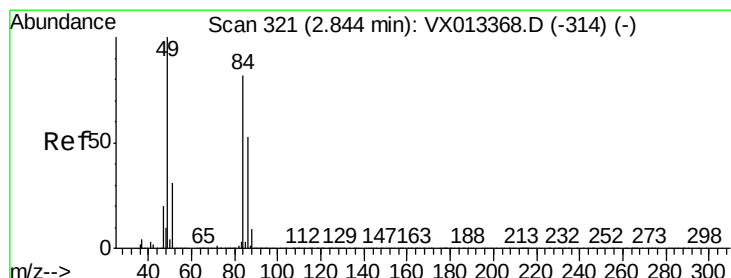
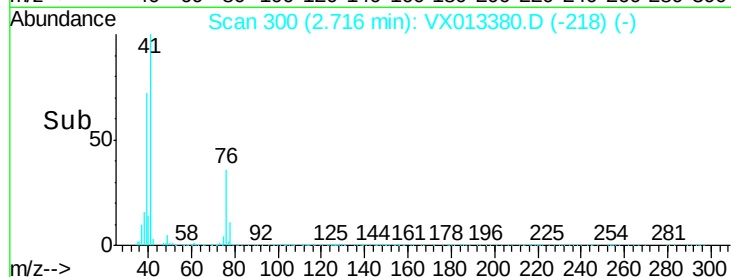
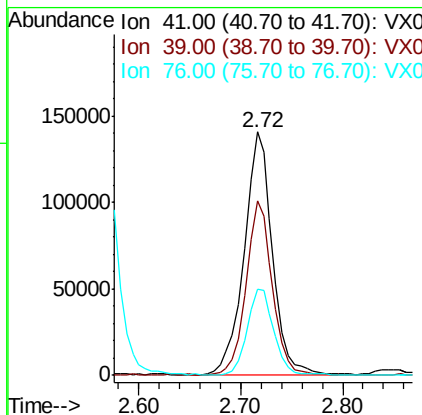
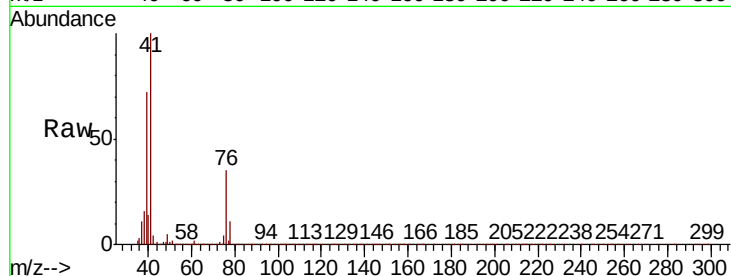
ClientSampleId :

VX1112WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.5	36.1	108.3
76	35.0	18.1	54.4

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#18

Methylene Chloride

Concen: 20.334 ug/l

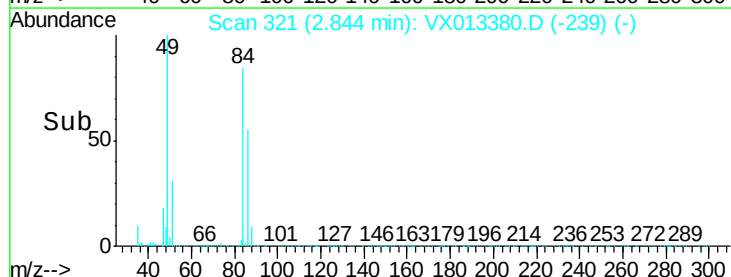
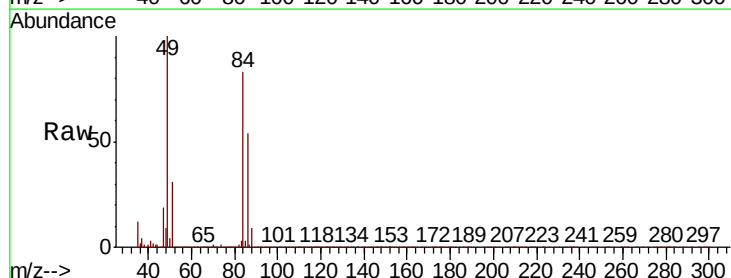
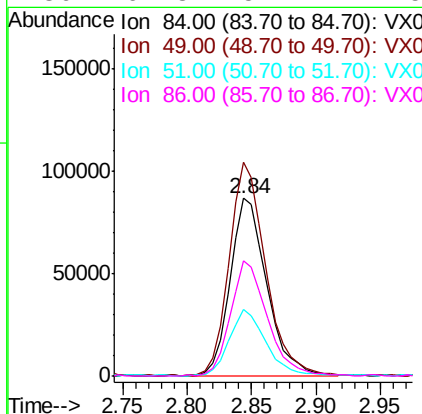
RT: 2.84 min Scan# 321

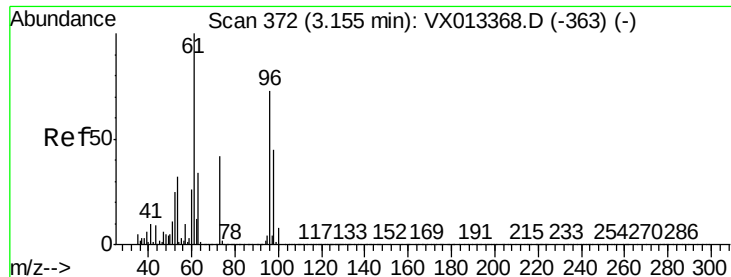
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	96.8	145.2
51	37.5	30.0	45.0
86	64.8	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 20.316 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 96 Resp: 160766

Ion Ratio Lower Upper

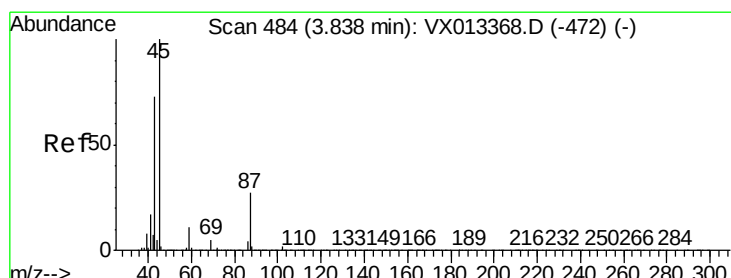
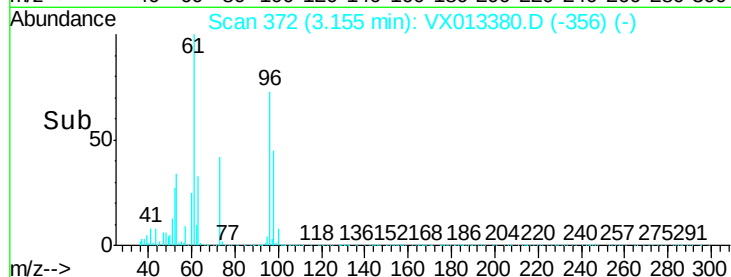
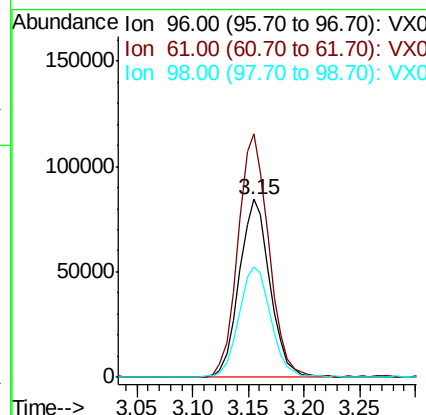
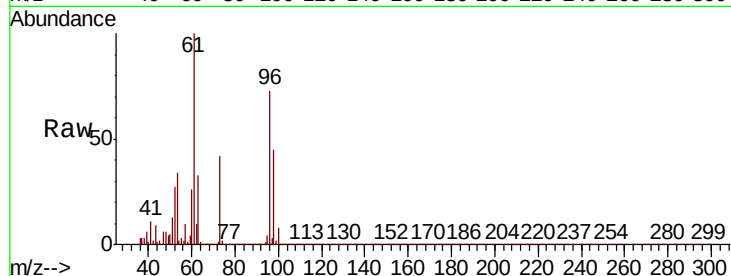
96 100

61 136.8 109.9 164.9

98 61.7 49.7 74.5

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#20

Diisopropyl ether

Concen: 20.539 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion: 45 Resp: 538808

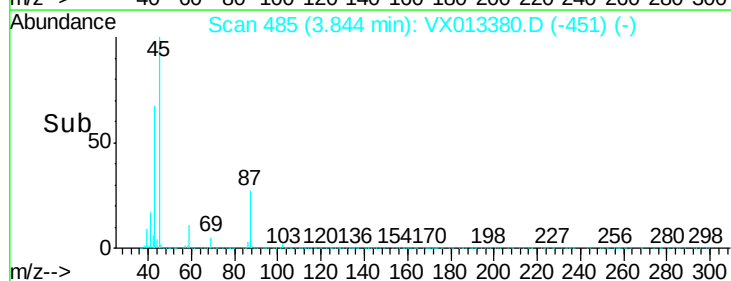
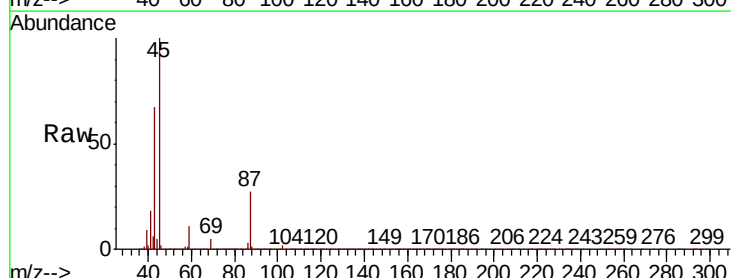
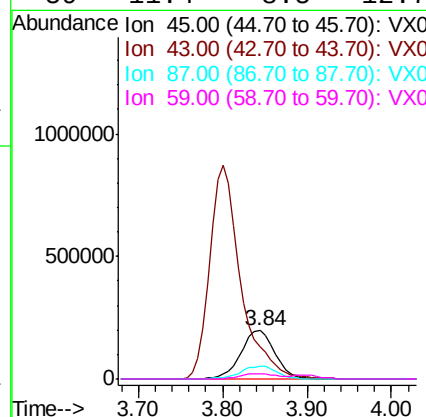
Ion Ratio Lower Upper

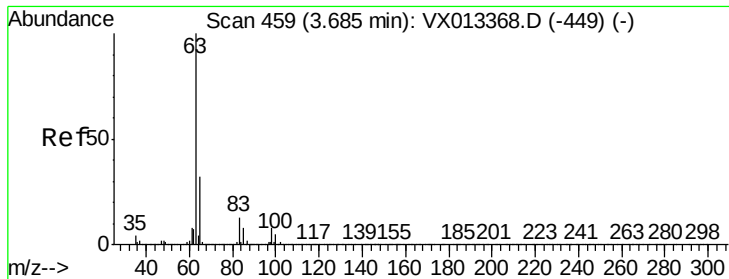
45 100

43 65.8 67.7 101.5#

87 26.9 21.5 32.3

59 11.4 8.5 12.7





#21

1,1-Dichloroethane

Concen: 20.686 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

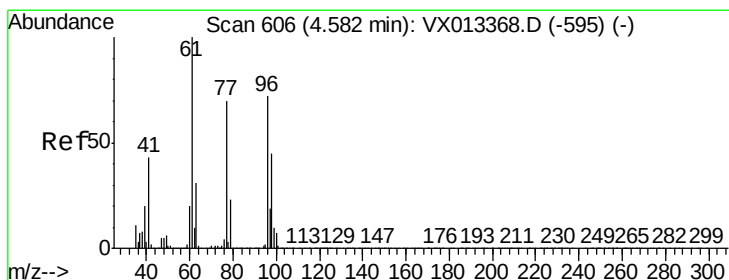
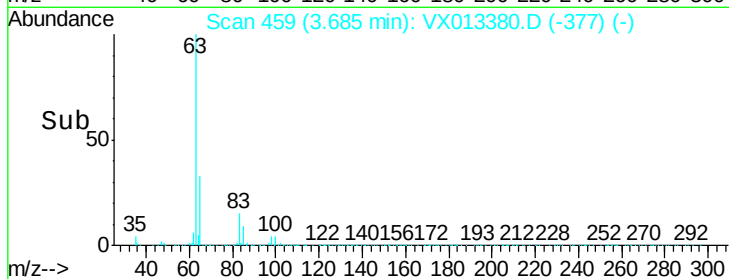
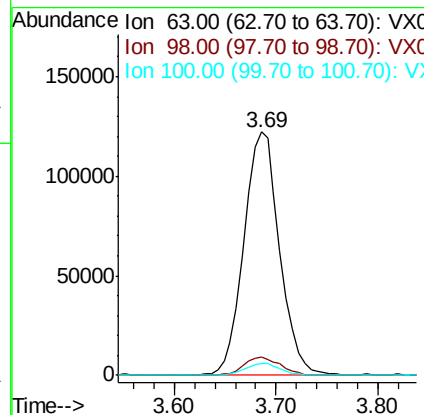
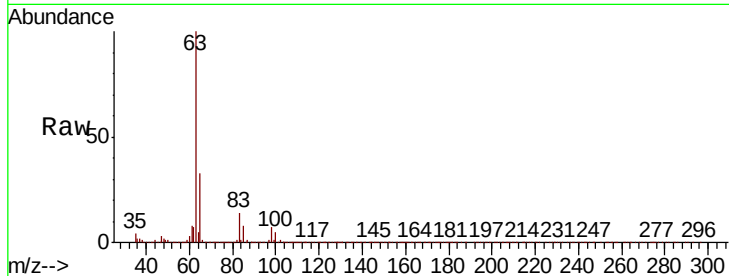
ClientSampleId :

VX1112WBS01

Tot Ion	Ion	Ratio	Resp Lower	Upper
63	100			
98	7.3	4.0	11.9	
100	4.7	2.5	7.5	

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#22

cis-1,2-Dichloroethene

Concen: 20.422 ug/l

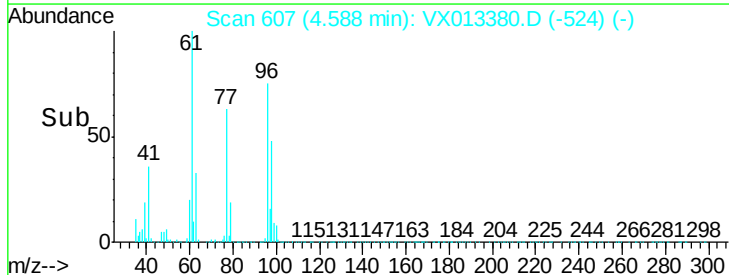
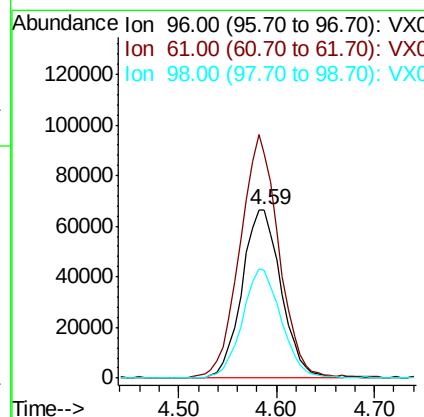
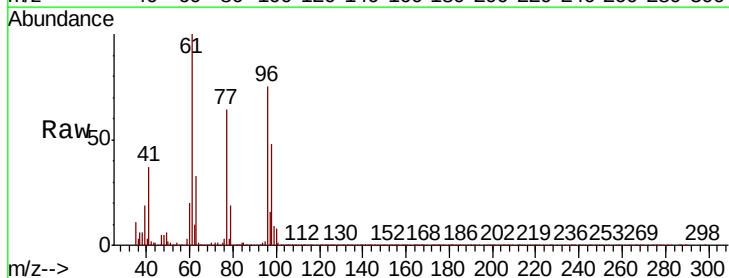
RT: 4.59 min Scan# 607

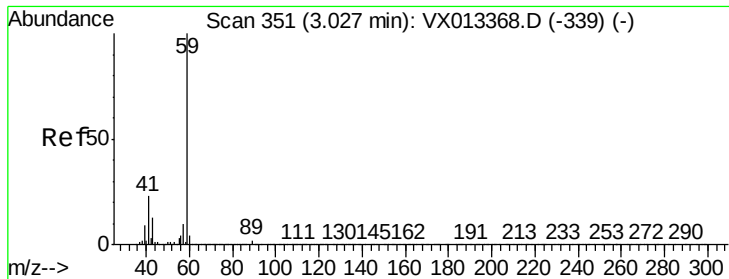
Delta R.T. 0.01 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion	Ion	Ratio	Resp Lower	Upper
96	100			
61	142.9	117.0	175.6	
98	64.6	51.1	76.7	





#23

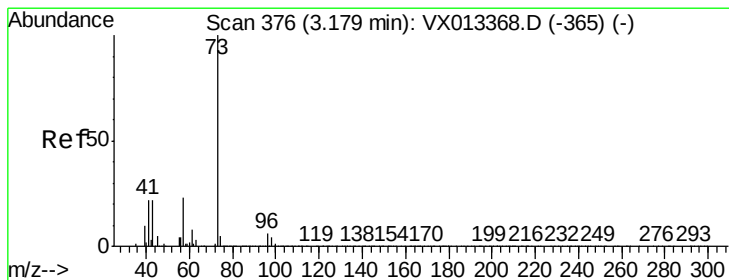
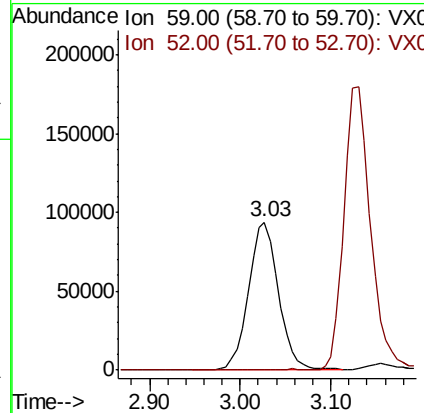
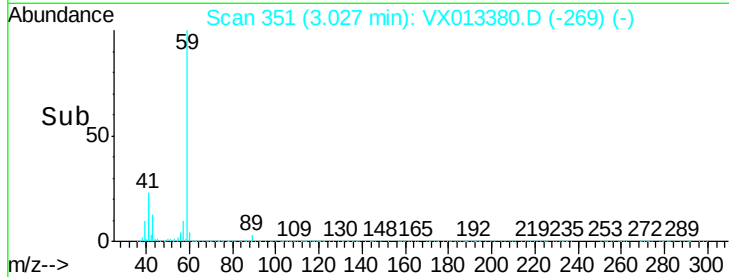
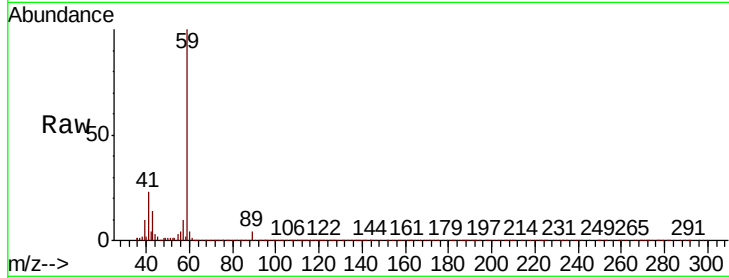
tert-Butyl Alcohol
Concen: 92.442 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

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

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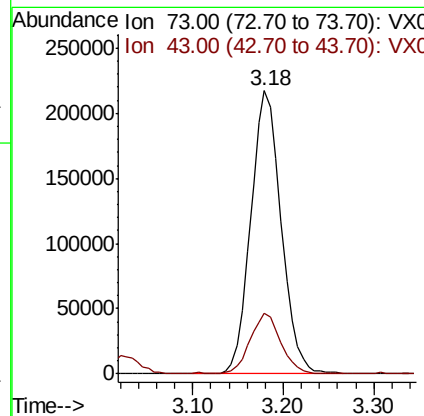
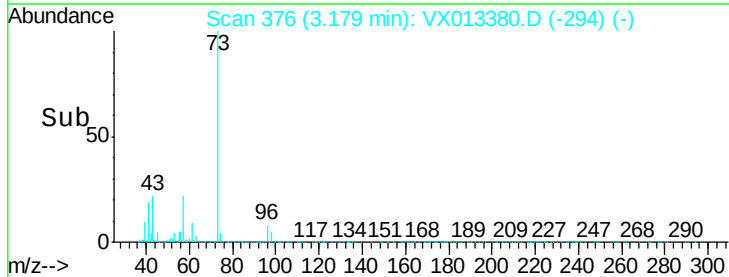
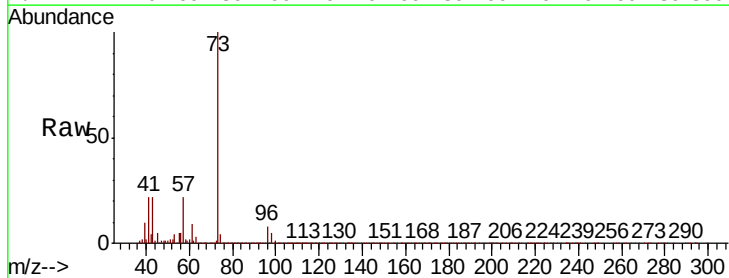
MMDadoda
11/13/2019 9:38:14 AM

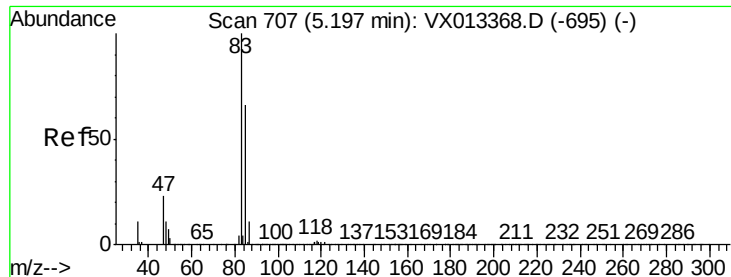


#24

Methyl tert-Butyl Ether
Concen: 20.540 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	17.0	25.6





#25

Chloroform

Concen: 20.892 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 83 Resp: 292197

Ion Ratio Lower Upper

83 100

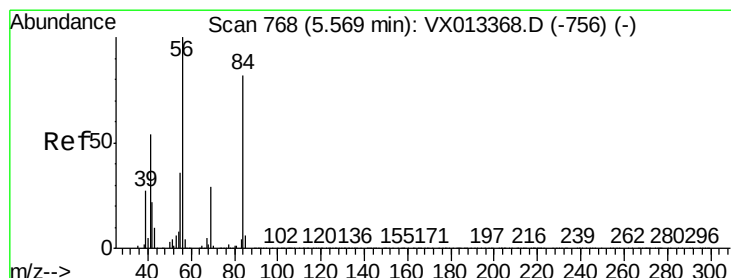
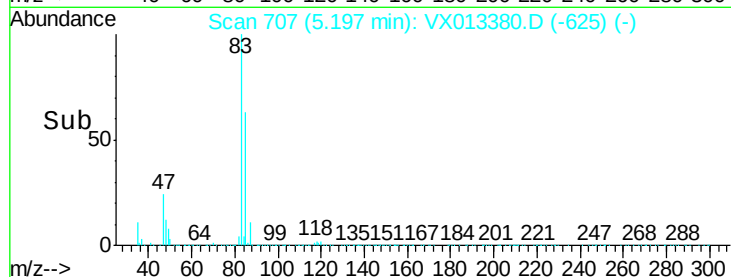
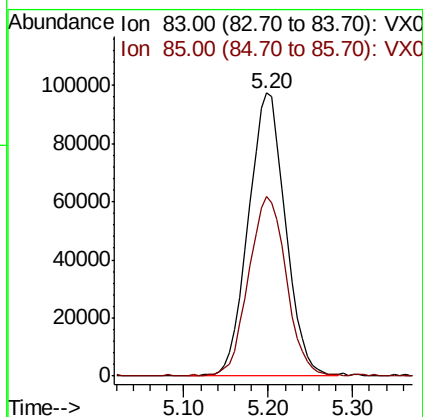
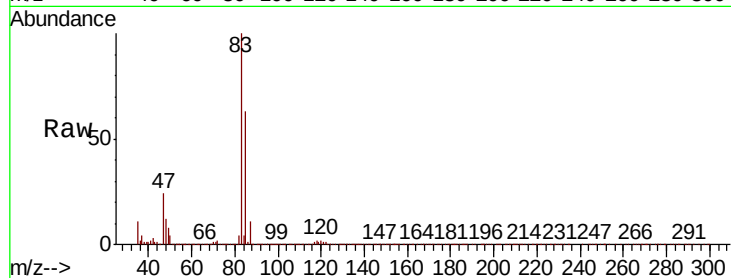
85 63.0 52.4 78.6

Manual Integrations

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#26

Cyclohexane

Concen: 20.107 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

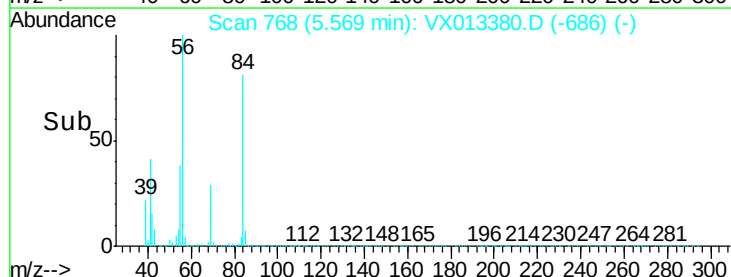
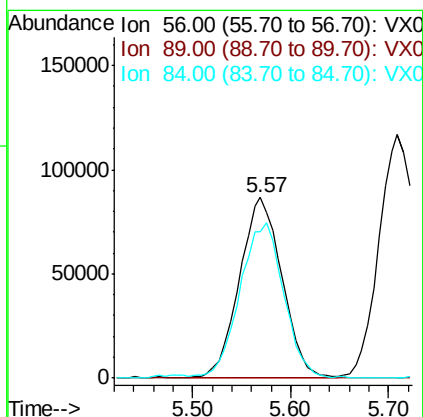
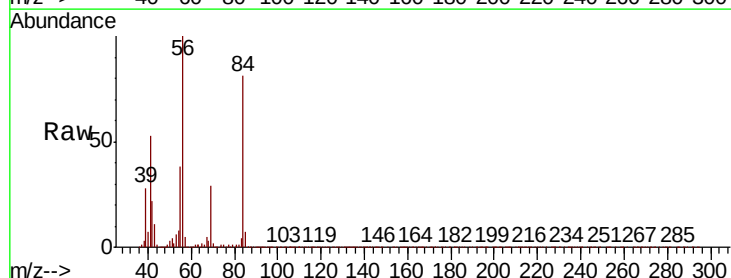
Tgt Ion: 56 Resp: 260899

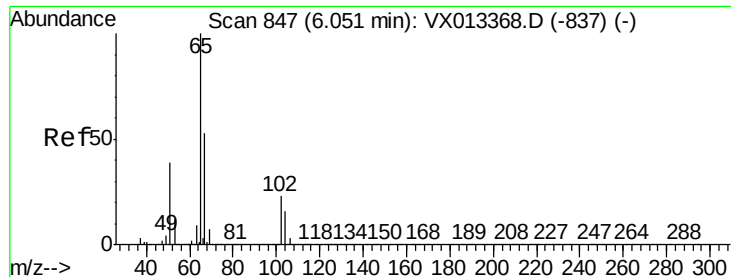
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 87.9 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.367 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 65 Resp: 251130

Ion Ratio Lower Upper

65 100

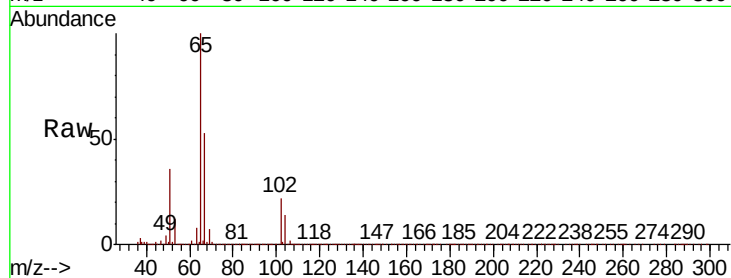
67 51.9 41.0 61.6

Manual Integrations

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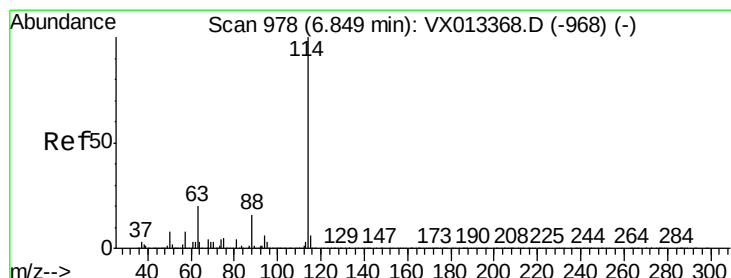
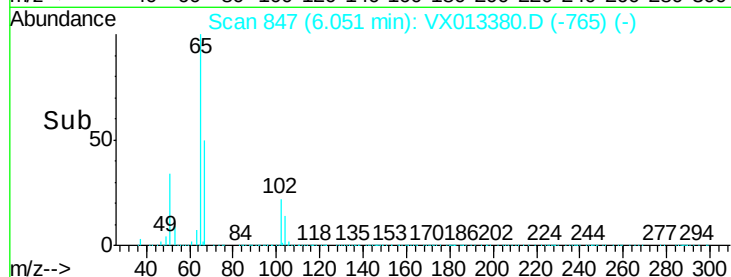
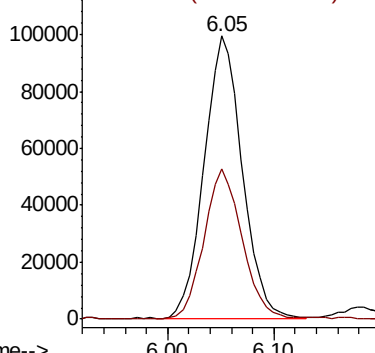
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

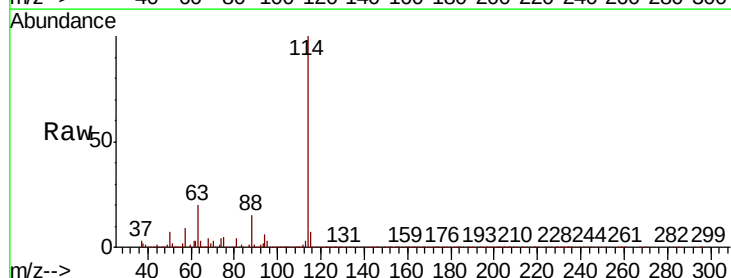
Tgt Ion: 114 Resp: 657077

Ion Ratio Lower Upper

114 100

63 19.8 16.1 24.1

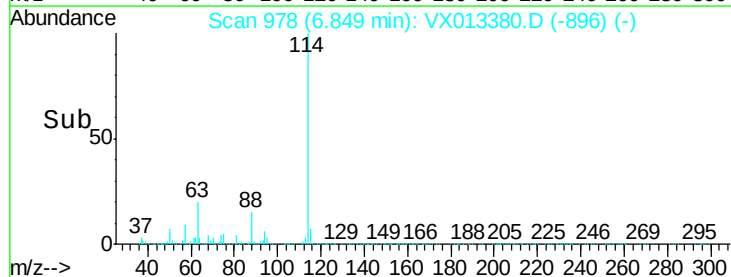
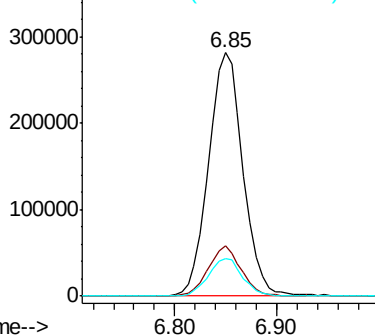
88 15.5 12.3 18.5

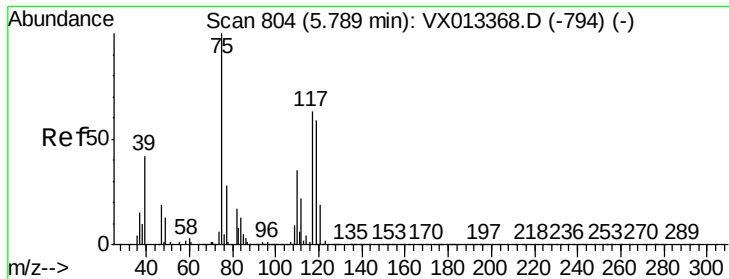


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





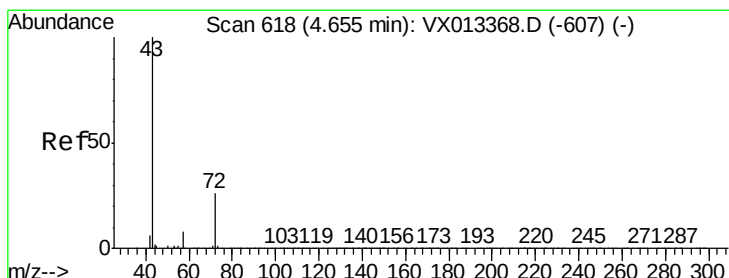
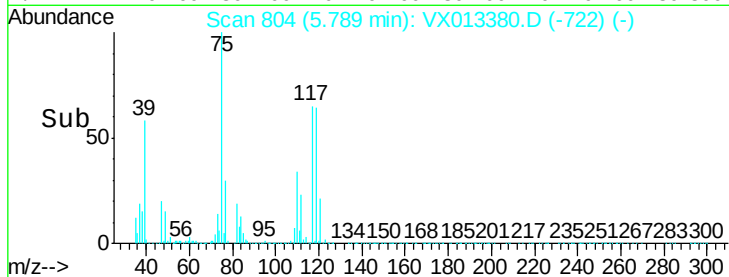
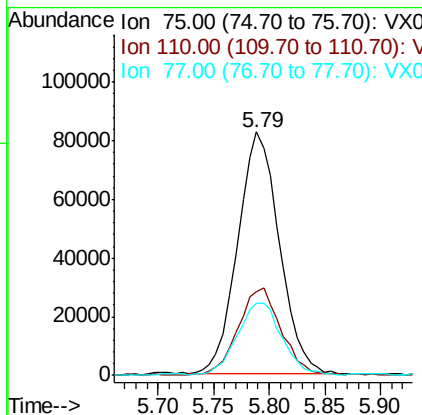
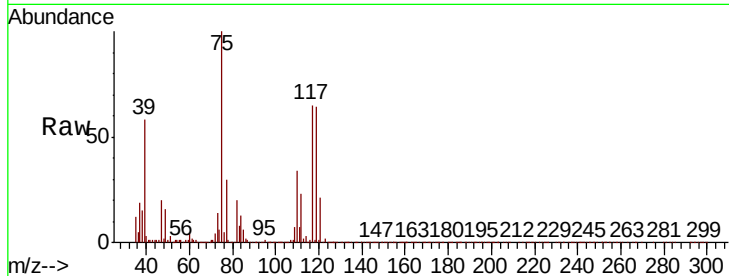
#29
 1,1-Dichloropropene
 Concen: 21.337 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion:	75	Resp:	214144
Ion Ratio	Lower	Upper	
75	100		
110	36.9	0.0	74.6
77	31.6	0.0	62.6

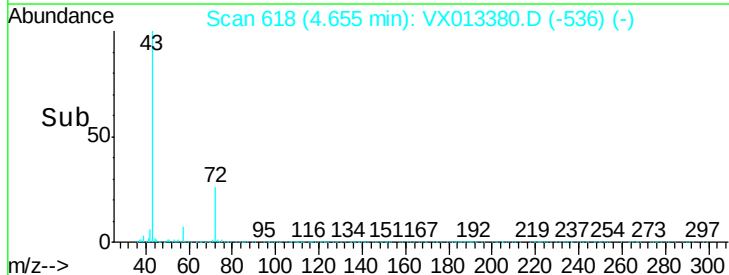
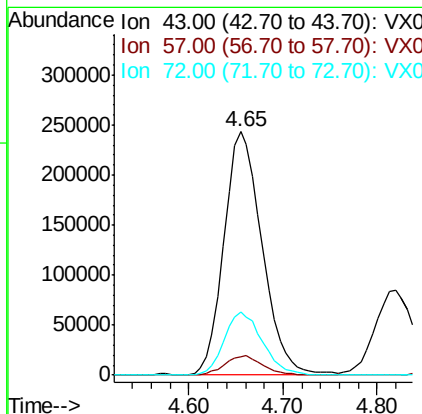
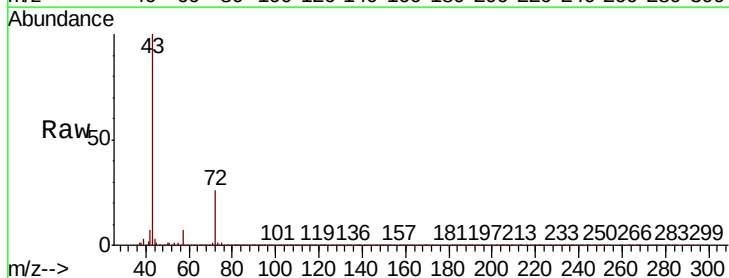
Manual Integrations
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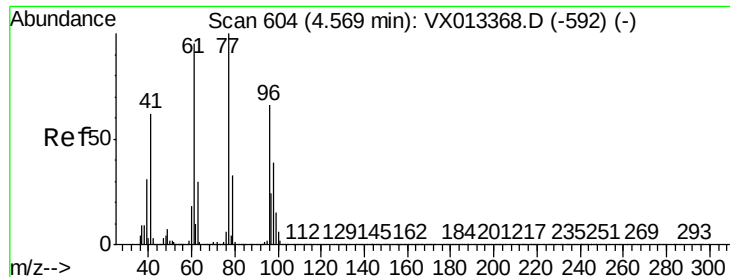
MMDadoda
 11/13/2019 9:38:14 AM



#30
 2-Butanone
 Concen: 102.525 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Tgt Ion:	43	Resp:	679165
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.1	9.1
72	25.5	20.5	30.7





#31

2,2-Dichloropropane

Concen: 21.134 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 77 Resp: 229705

Ion Ratio Lower Upper

77 100

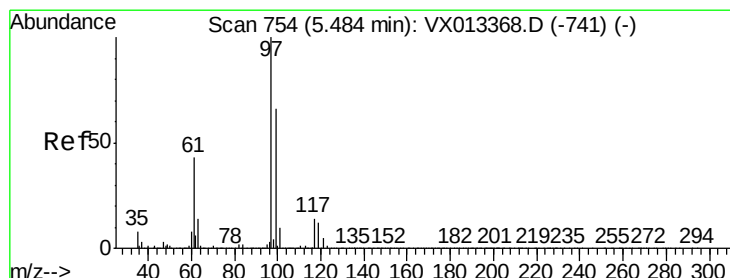
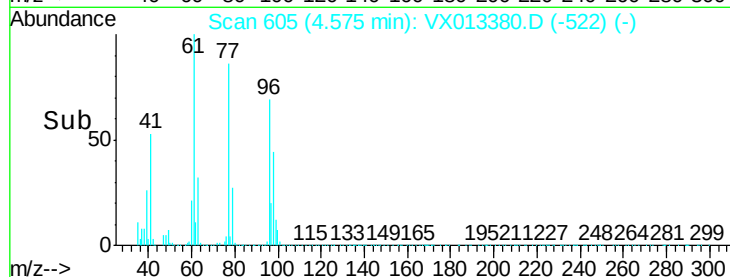
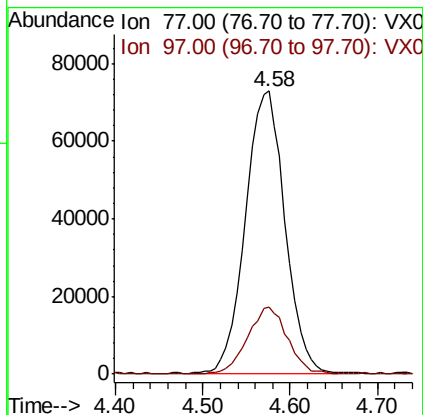
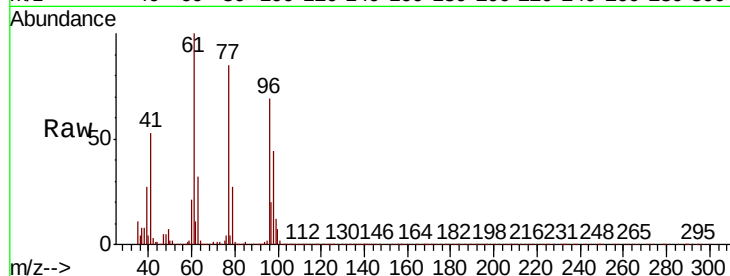
97 23.3 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 21.333 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

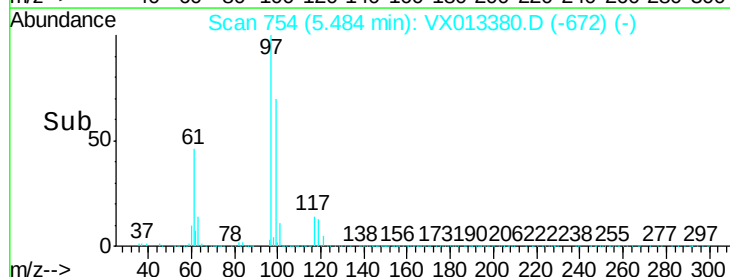
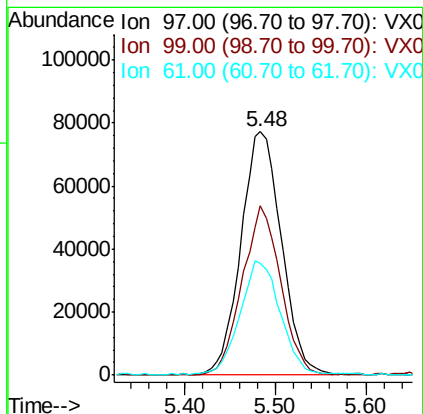
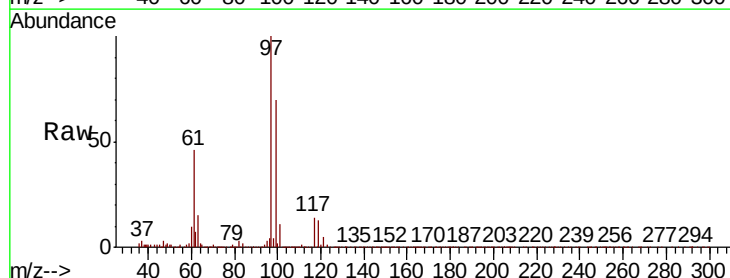
Tgt Ion: 97 Resp: 237978

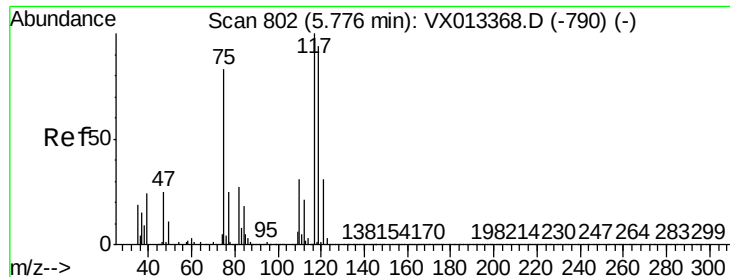
Ion Ratio Lower Upper

97 100

99 66.1 52.5 78.7

61 46.3 36.1 54.1





#33

Carbon Tetrachloride

Concen: 21.123 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

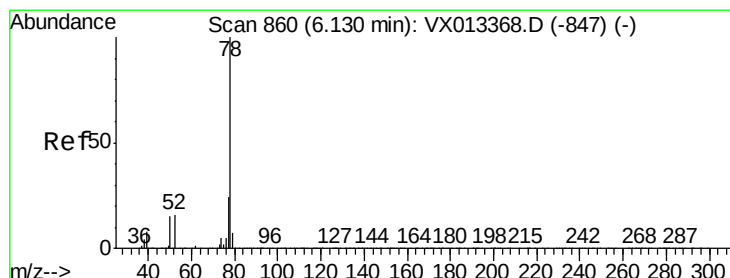
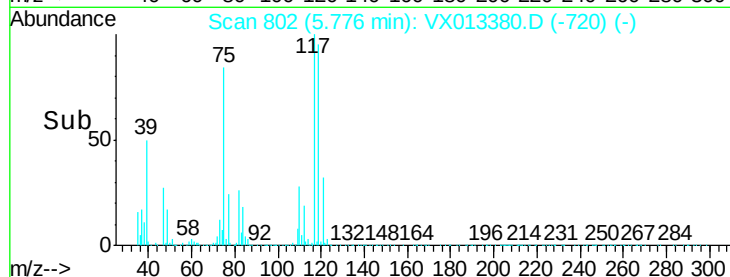
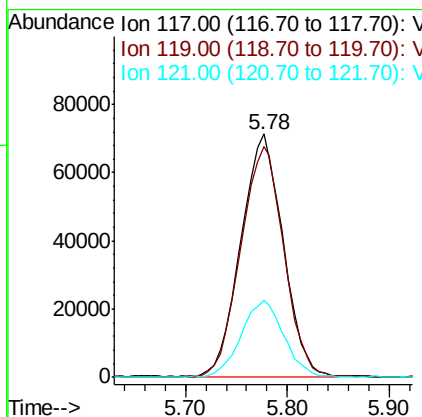
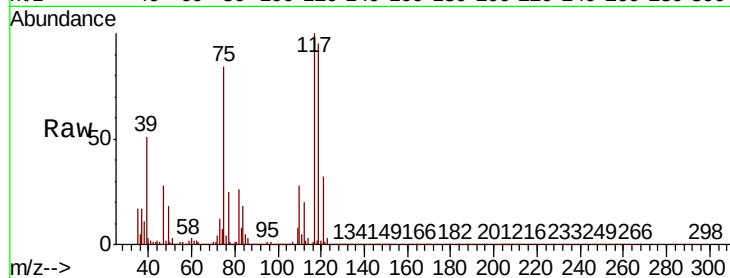
ClientSampleId :

VX1112WBS01

Tot Ion:	117	Resp:	204670
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.0	112.6
121	31.4	24.9	37.3

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#34

Benzene

Concen: 21.936 ug/l

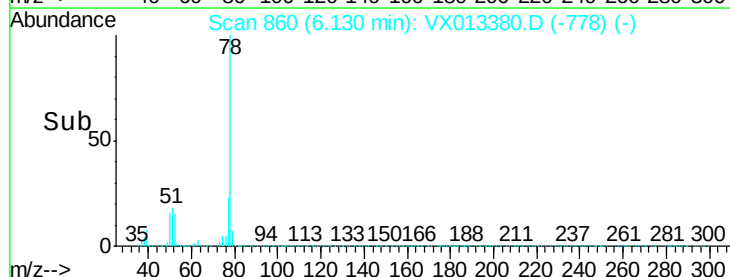
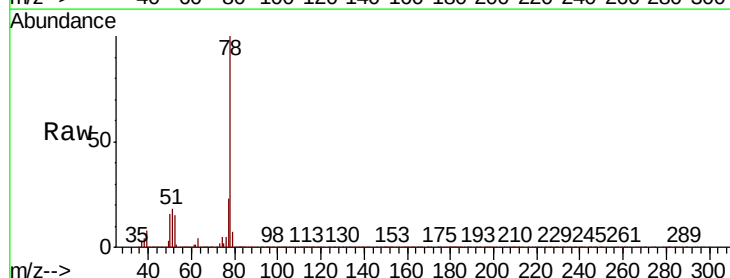
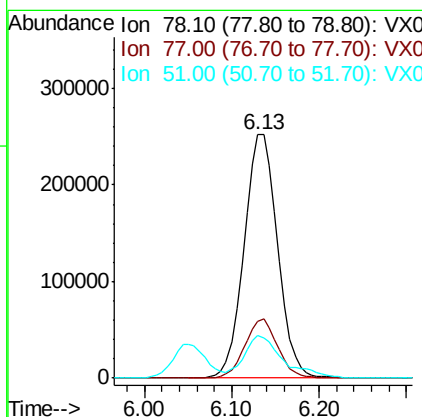
RT: 6.13 min Scan# 860

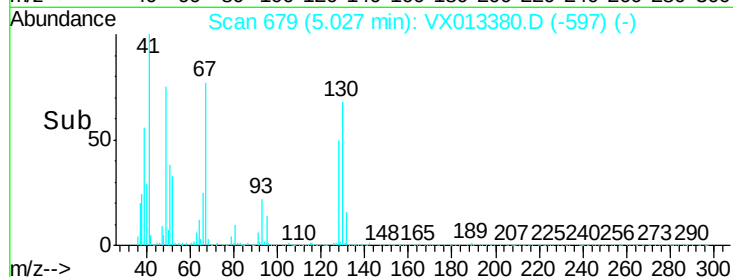
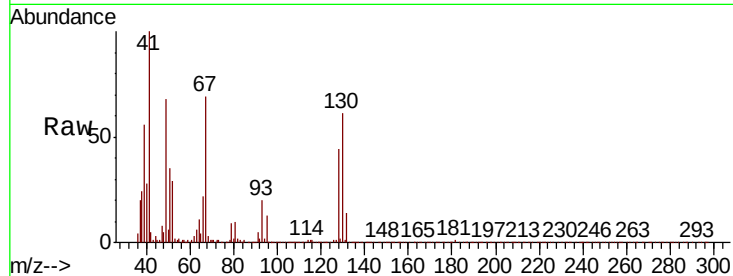
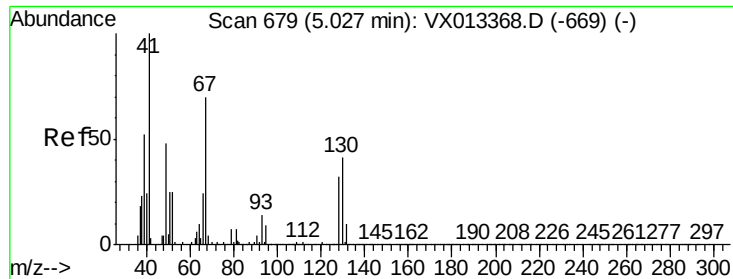
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

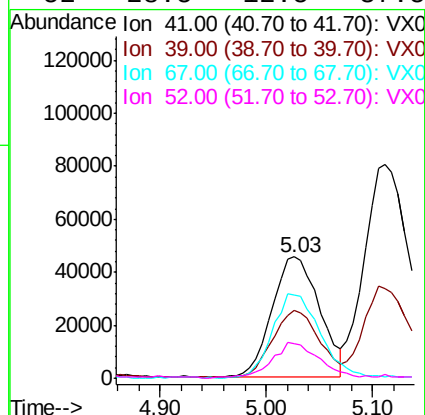
Tgt Ion:	78	Resp:	667761
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.3	28.9
51	17.1	12.2	18.4





#35
Methacrylonitrile
Concen: 21.392 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

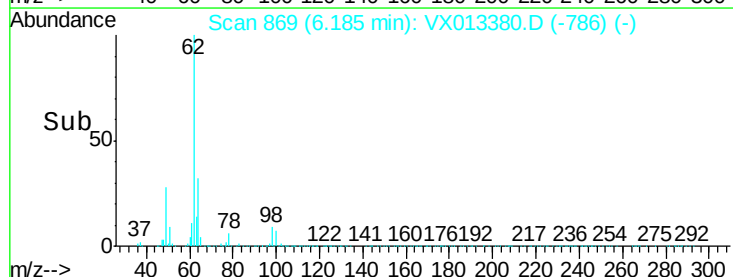
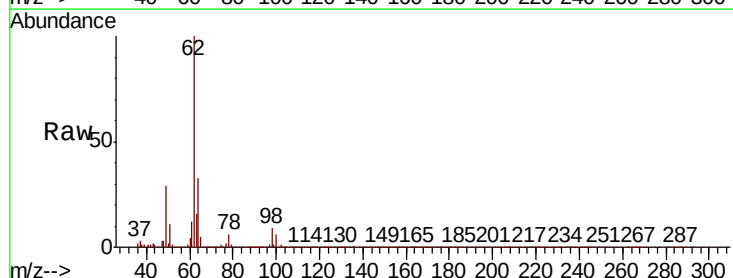
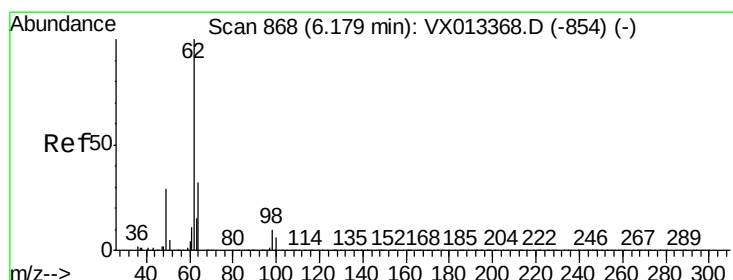
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	25.9	77.8	
67	68.5	35.1	105.5	
52	28.5	12.5	37.5	



Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

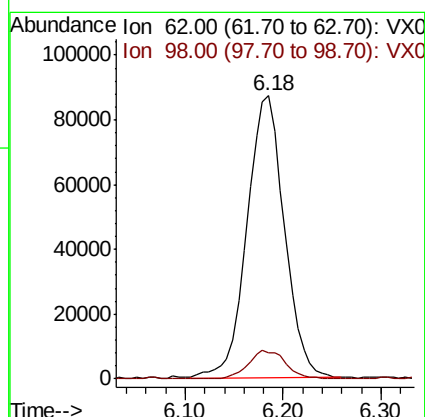
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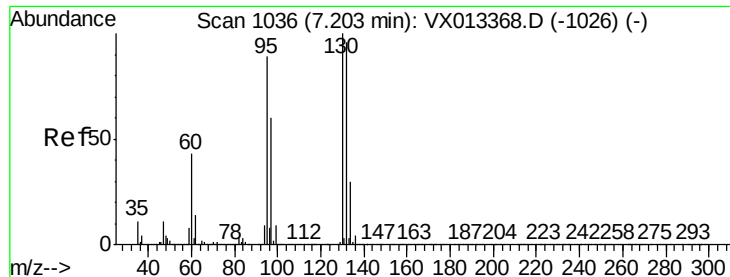
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#36
1,2-Dichloroethane
Concen: 21.698 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	8.2	12.2	





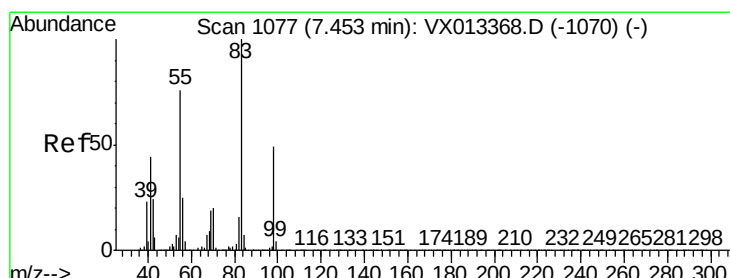
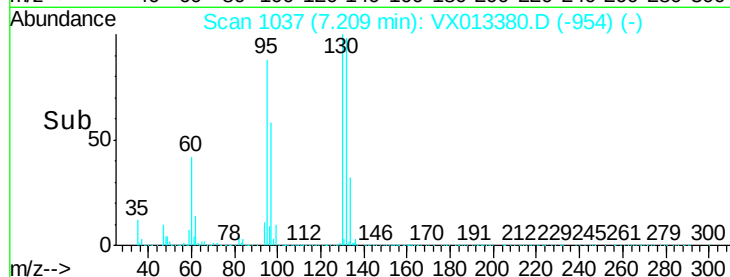
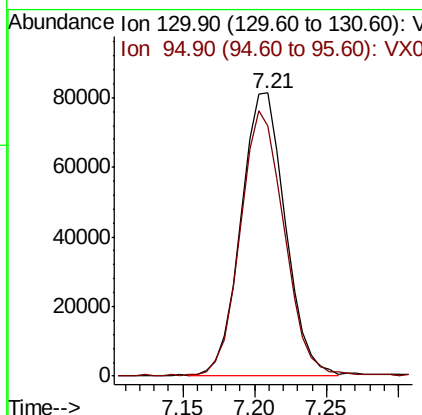
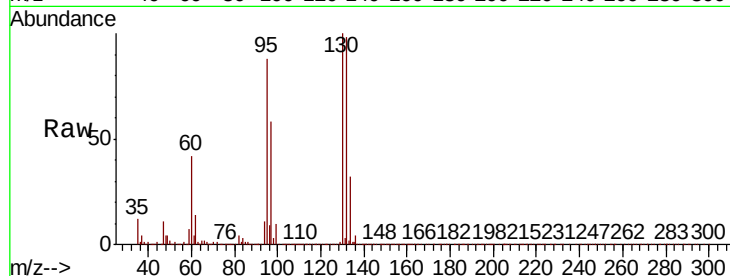
#37
 Trichloroethene
 Concen: 21.286 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
130	100	173596		
95	88.3	71.3	106.9	

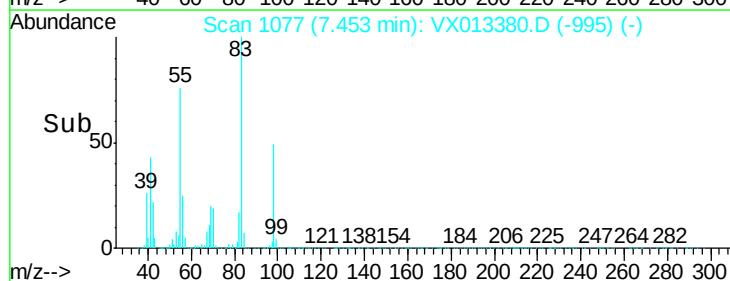
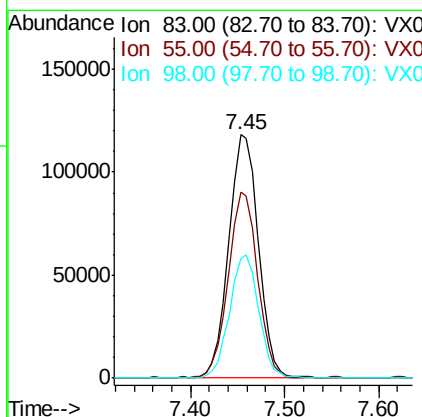
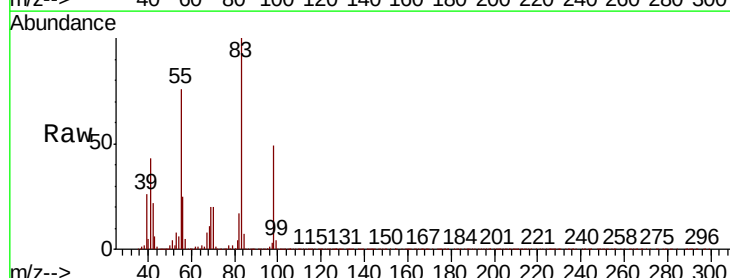
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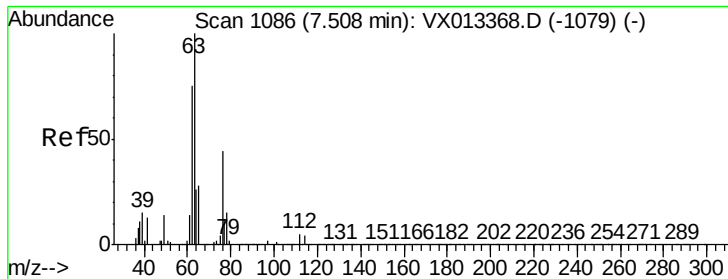
MMDadoda
 11/13/2019 9:38:14 AM



#38
 Methylcyclohexane
 Concen: 20.962 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	257950		
55	75.4	37.9	113.7	
98	49.8	25.1	75.3	





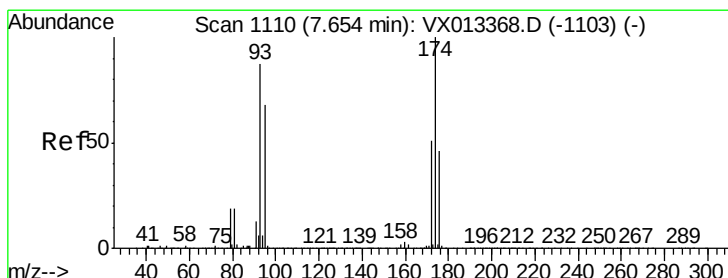
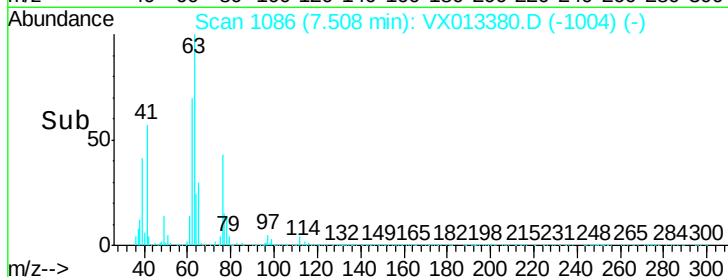
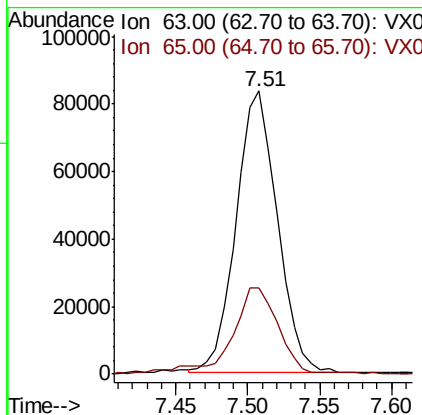
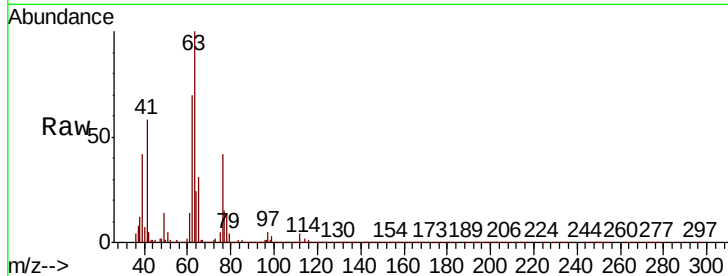
#39
 1,2-Dichloropropane
 Concen: 21.160 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.8	35.8

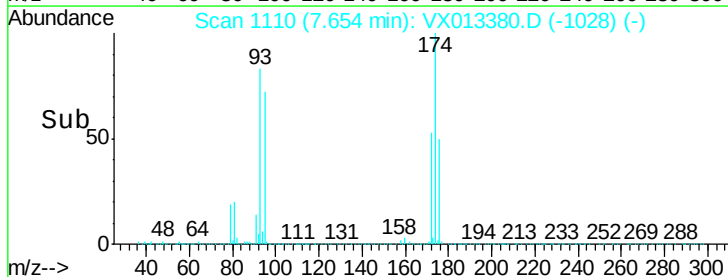
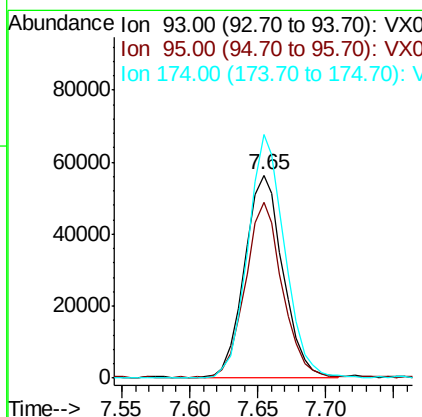
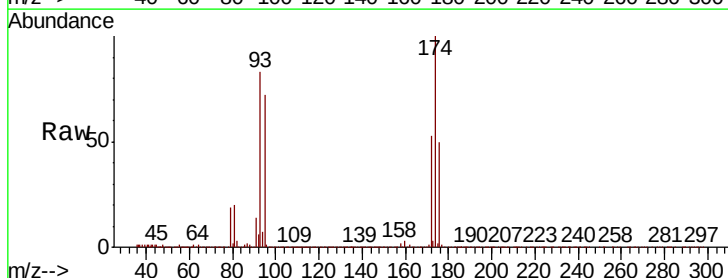
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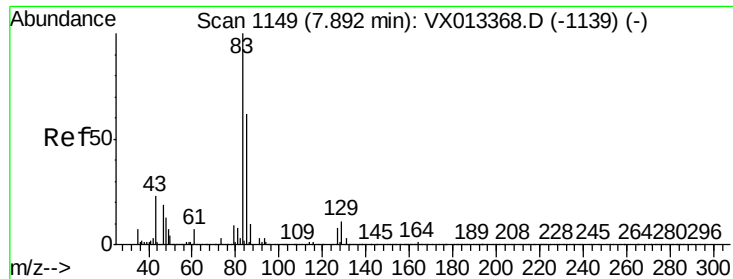
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 11/13/2019 9:38:14 AM



#40
 Dibromomethane
 Concen: 21.291 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	0.0	160.8
174	115.4	0.0	228.8





#41

Bromodichloromethane

Concen: 21.130 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

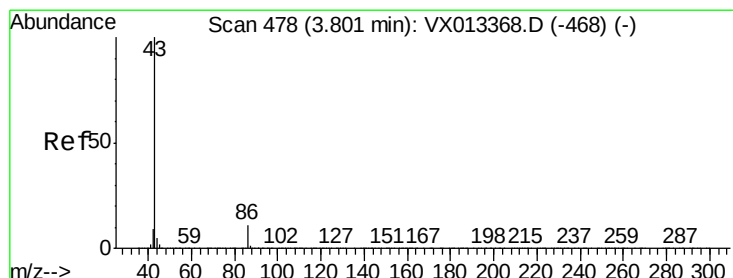
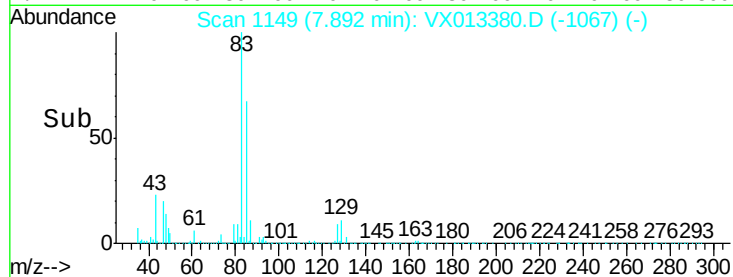
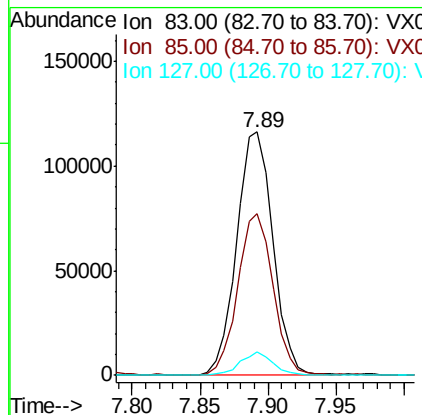
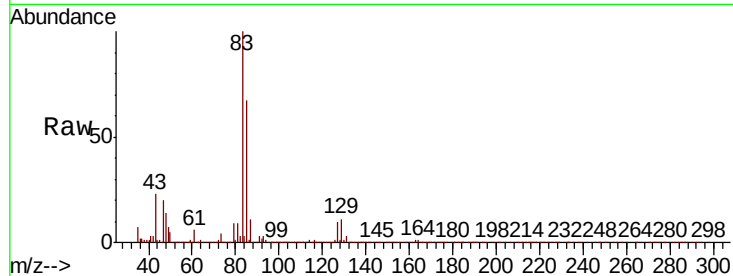
ClientSampleId :

VX1112WBS01

Tot Ion	83	Resp	216066
Ion	Ratio	Lower	Upper
83	100		
85	66.4	49.3	73.9
127	9.3	6.6	10.0

Manual Integrations
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11/13/2019 9:38:14 AM



#42

Vinyl Acetate

Concen: 107.193 ug/l

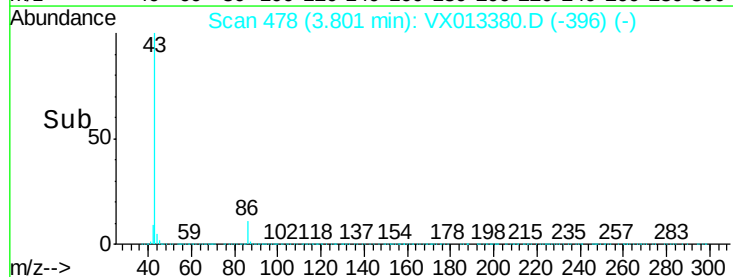
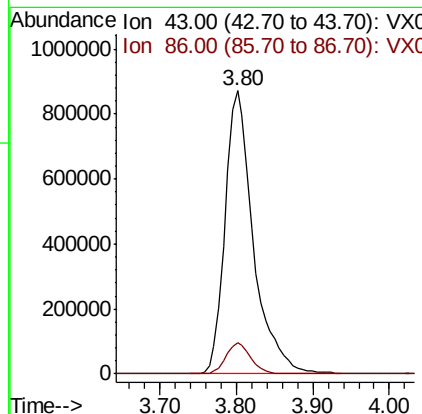
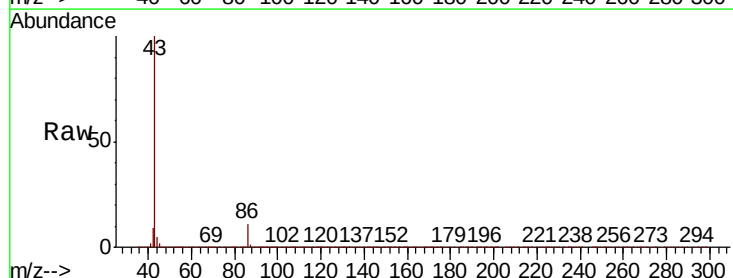
RT: 3.80 min Scan# 478

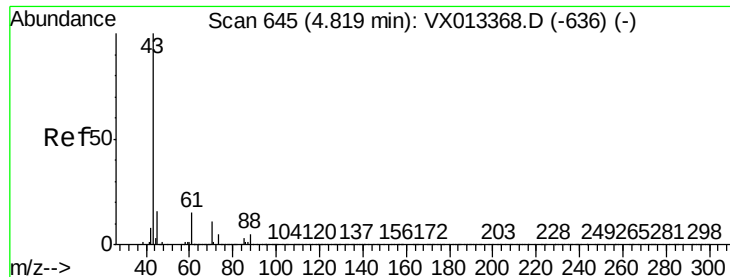
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion	43	Resp	2235622
Ion	Ratio	Lower	Upper
43	100		
86	9.5	7.6	11.4





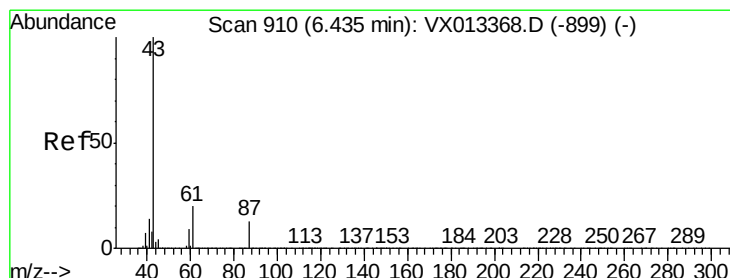
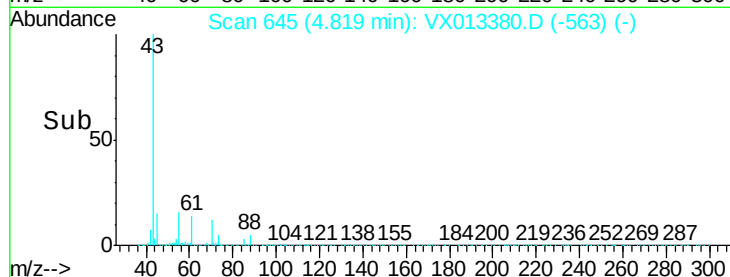
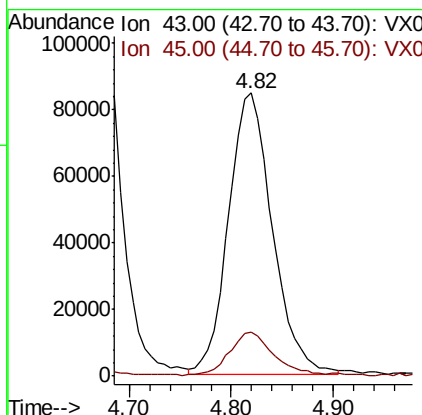
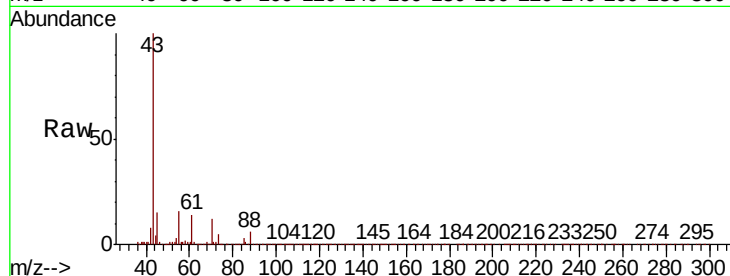
#43
Ethyl Acetate
Concen: 20.995 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.0	10.9	16.3

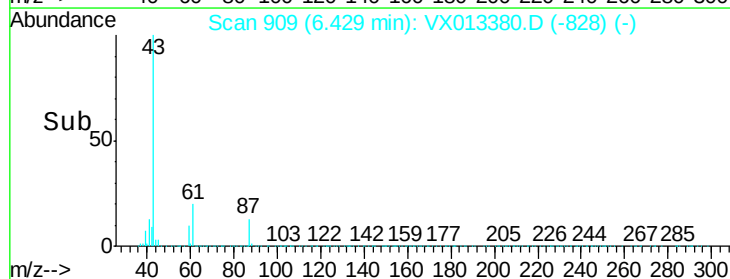
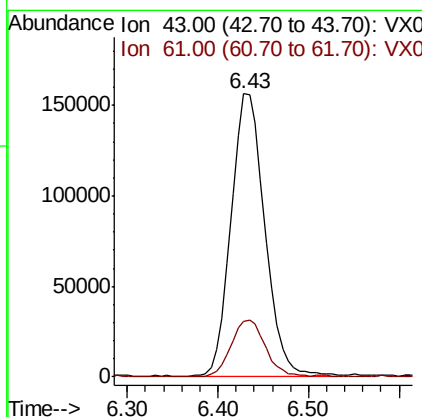
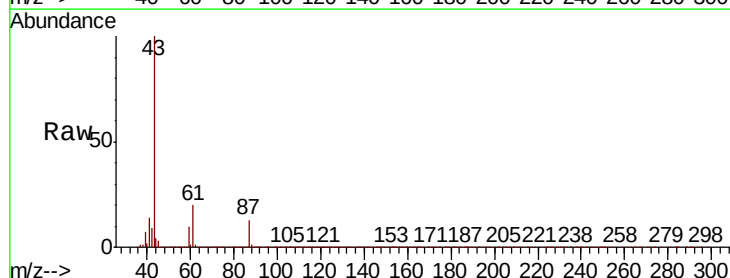
Manual Integrations
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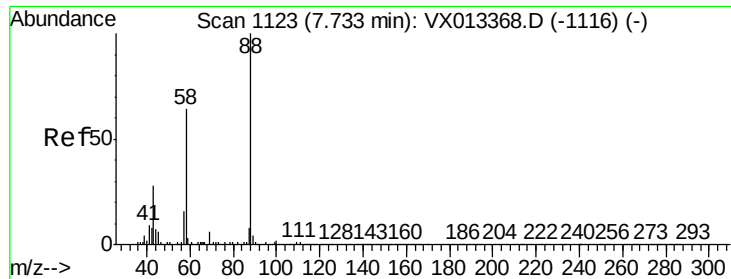
MMDadoda
11/13/2019 9:38:14 AM



#44
Isopropyl Acetate
Concen: 20.700 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.8	23.8





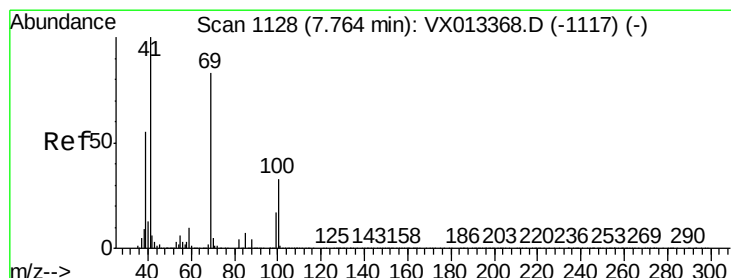
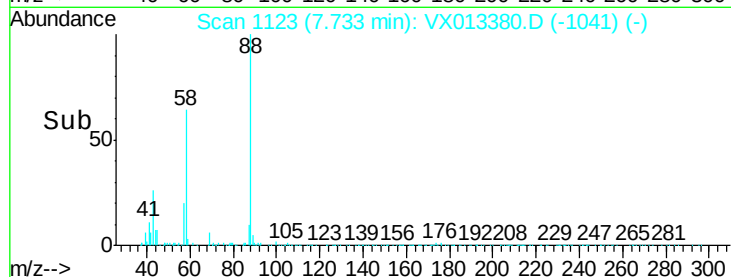
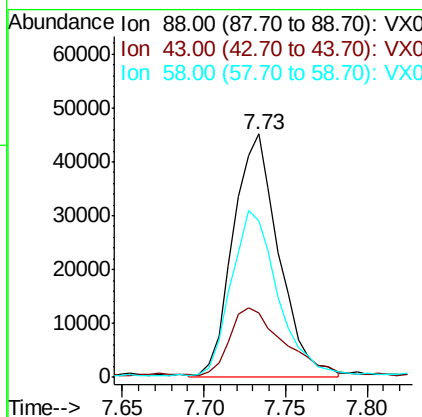
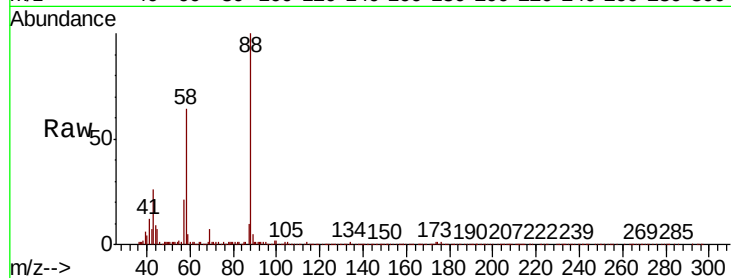
#45
1,4-Dioxane
Concen: 409.926 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.1	39.1
58	69.7	55.8	83.8

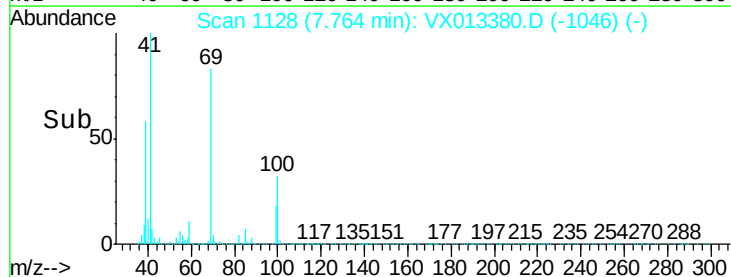
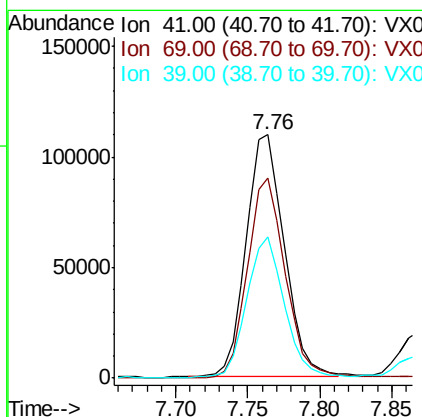
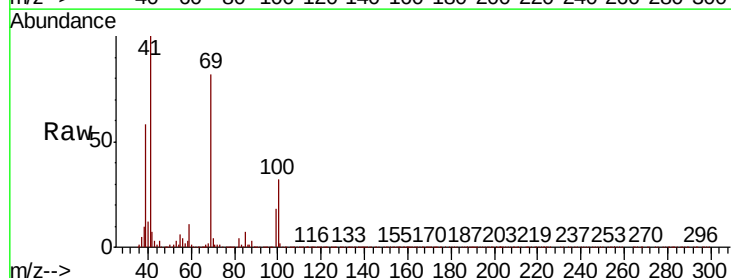
Manual Integrations
APPROVED

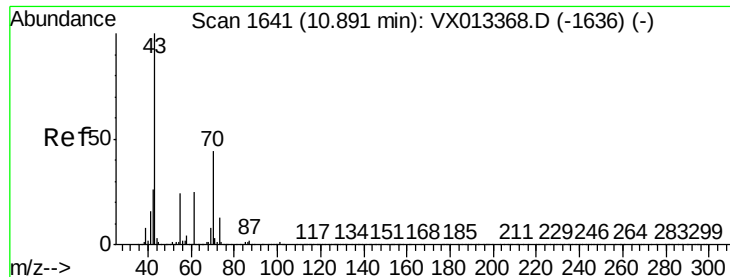
MMDadoda
11/13/2019 9:38:14 AM



#46
Methyl methacrylate
Concen: 20.902 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.6	41.4	124.4
39	57.9	27.9	83.6





#47

n-amvl Acetate

Concen: 20.436 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 43 Resp: 348138

Ion Ratio Lower Upper

43 100

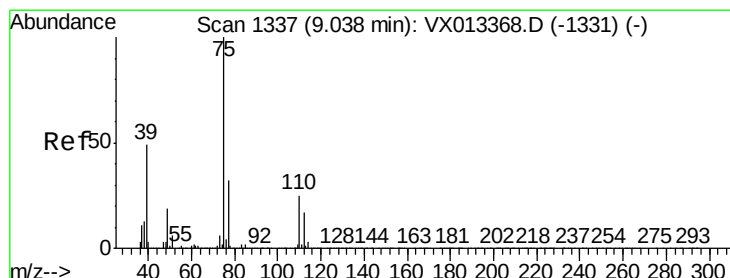
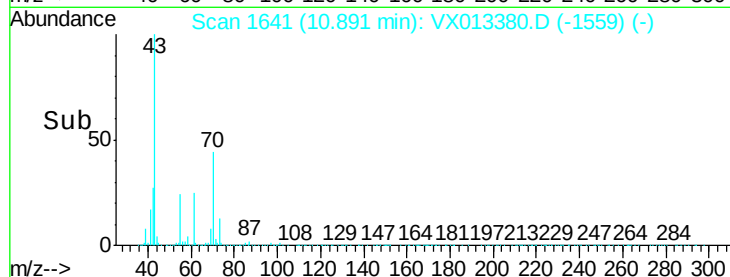
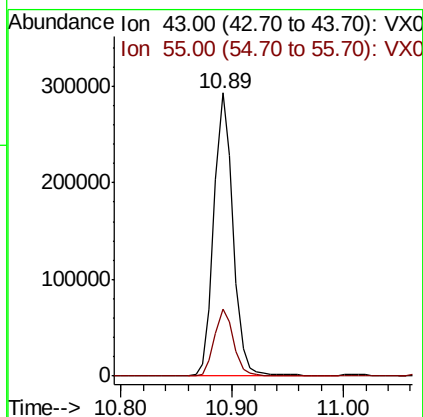
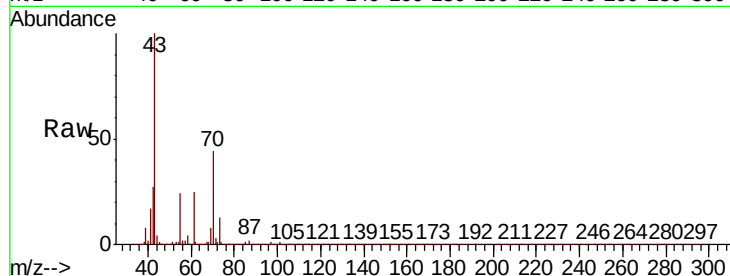
55 23.9 19.0 28.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 20.556 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013380.D

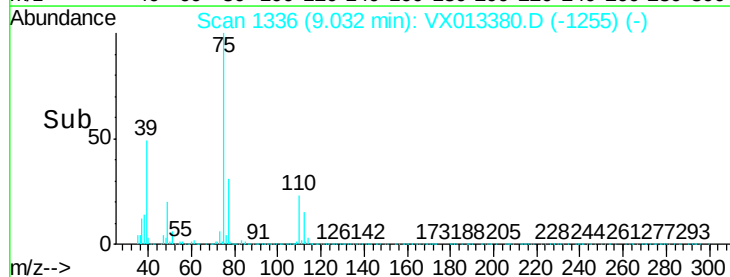
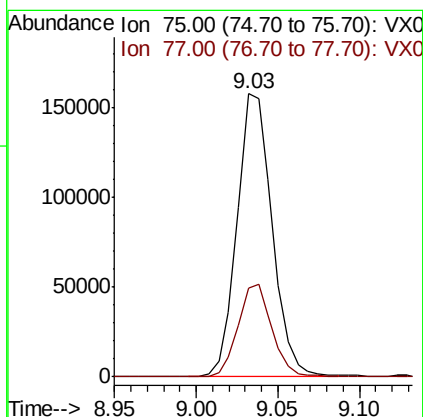
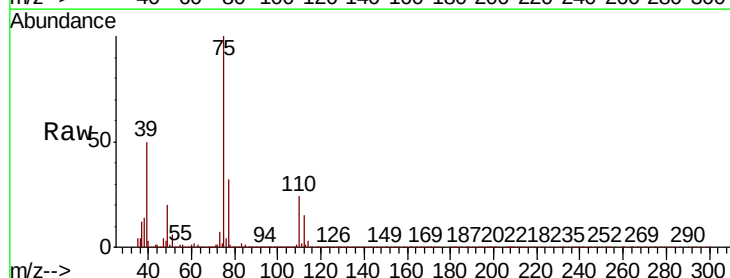
Acq: 12 Nov 2019 12:45

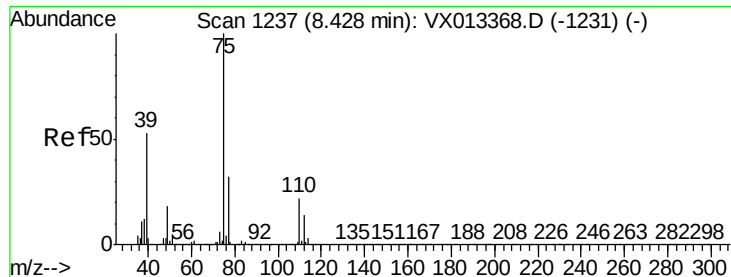
Tgt Ion: 75 Resp: 235703

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 21.070 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

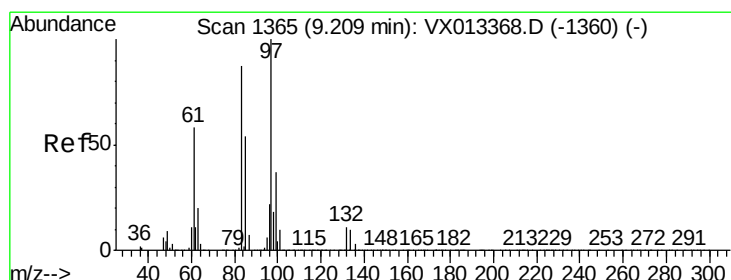
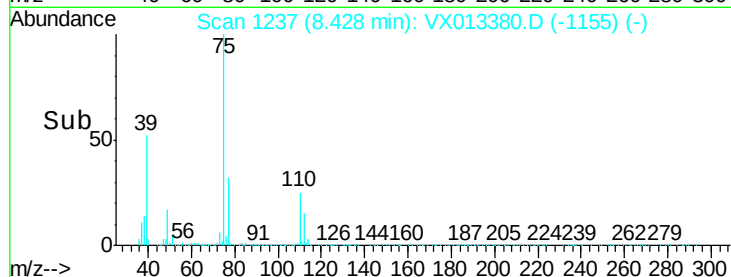
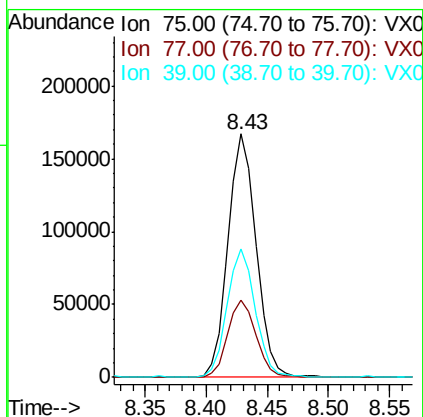
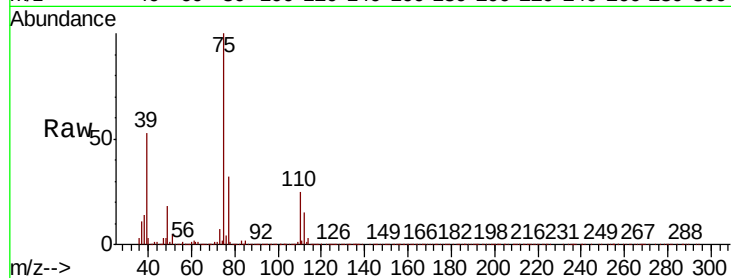
ClientSampleId :

VX1112WBS01

Tot Ion:	75	Resp:	264727
Ion Ratio		Lower	Upper
75	100		
77	31.5	25.8	38.8
39	53.0	42.2	63.4

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 21.963 ug/l

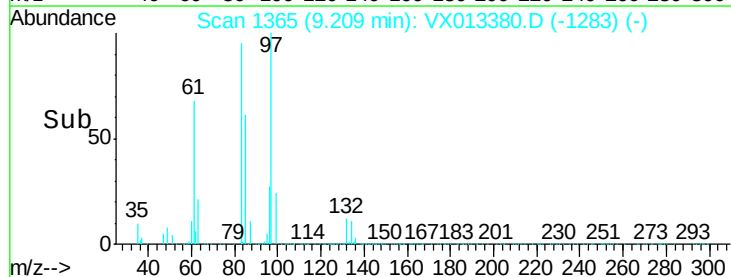
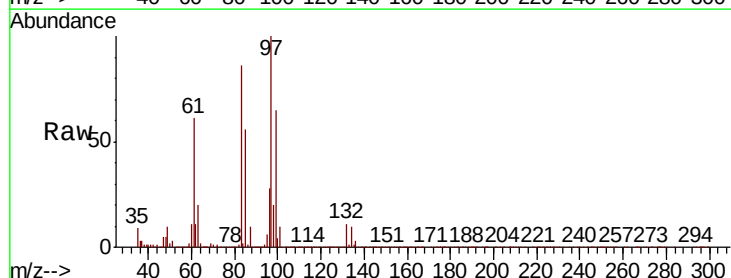
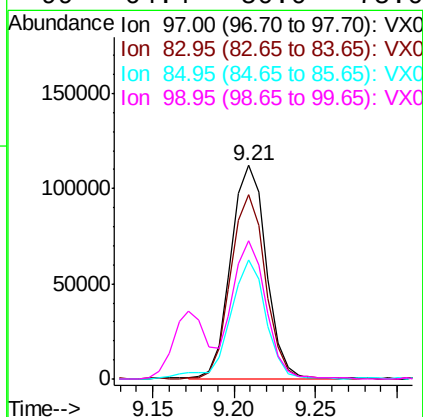
RT: 9.21 min Scan# 1365

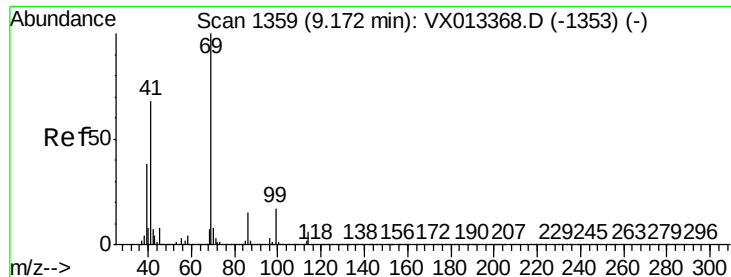
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	97	Resp:	170243
Ion Ratio		Lower	Upper
97	100		
83	86.3	69.6	104.4
85	55.6	45.5	68.3
99	64.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 20.606 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

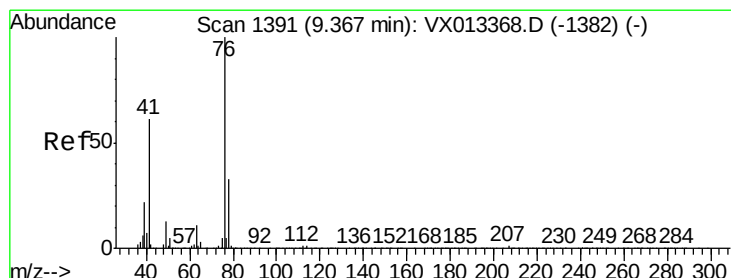
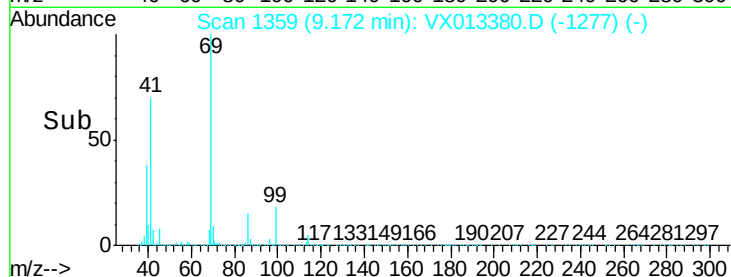
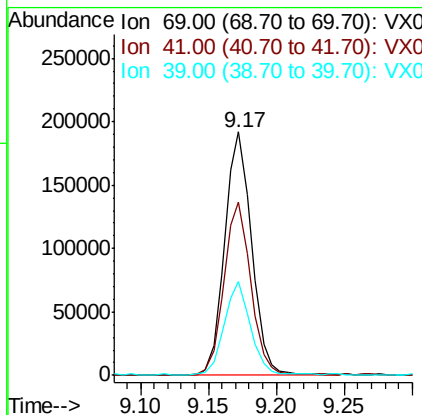
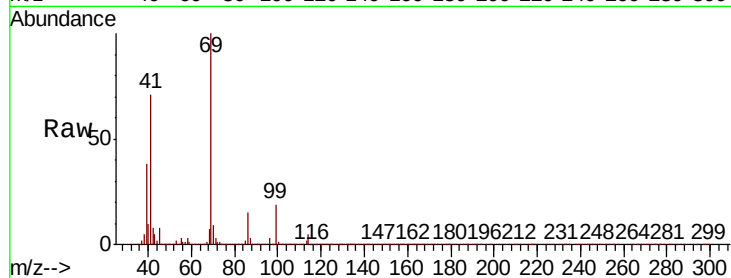
ClientSampleId :

VX1112WBS01

Tot Ion:	69	Resp:	262983
Ion Ratio	Lower	Upper	
69	100		
41	71.1	33.9	101.6
39	38.2	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.515 ug/l

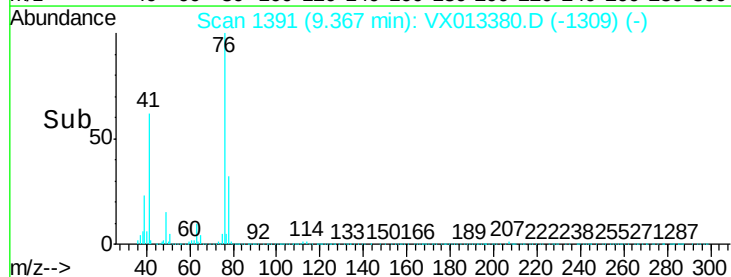
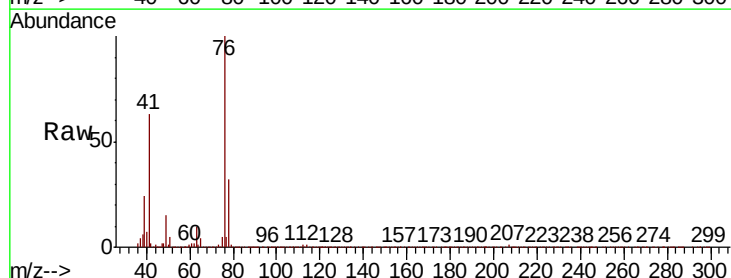
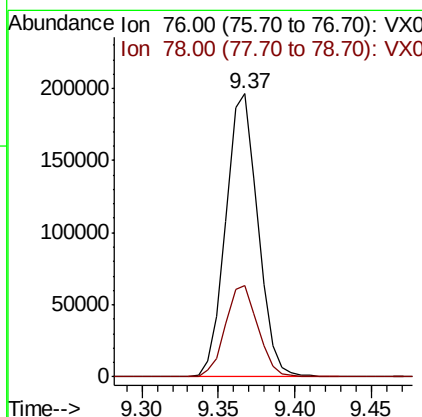
RT: 9.37 min Scan# 1391

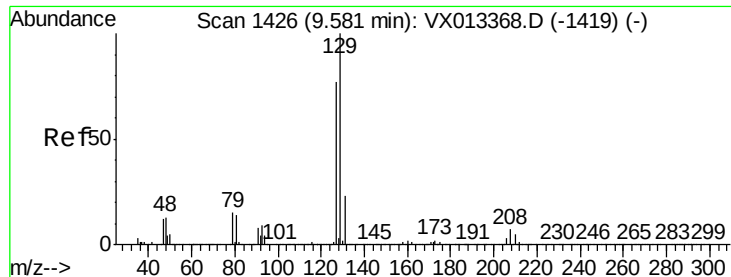
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	76	Resp:	285099
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.6





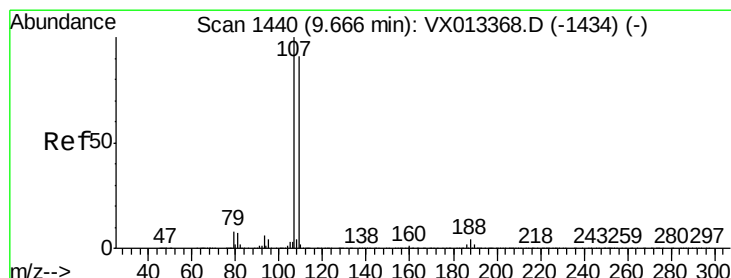
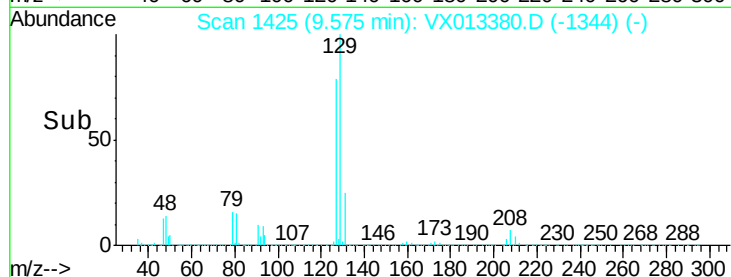
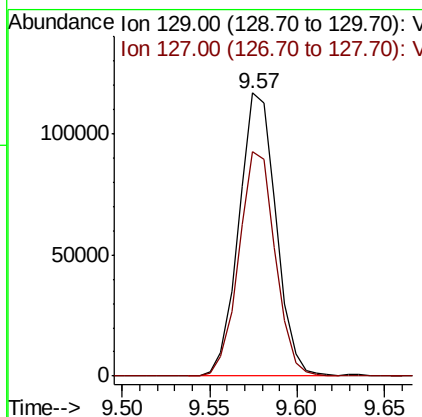
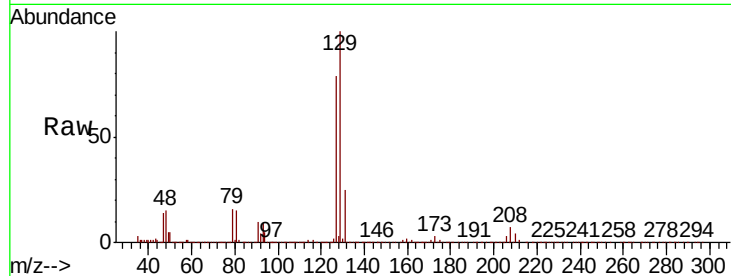
#53
Dibromochloromethane
Concen: 20.942 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.6	119.0

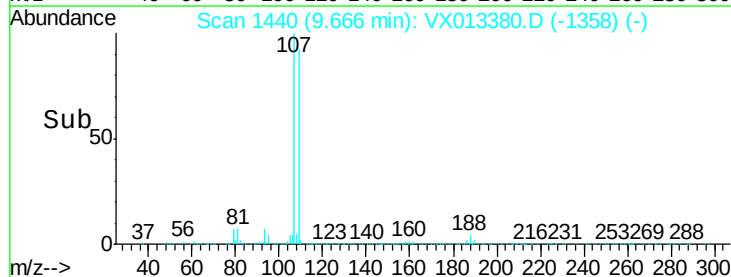
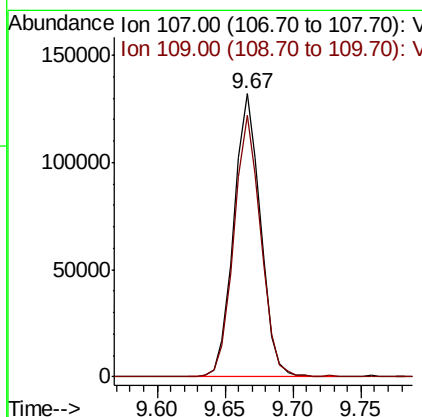
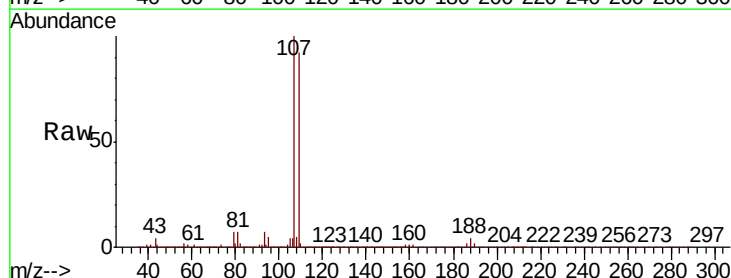
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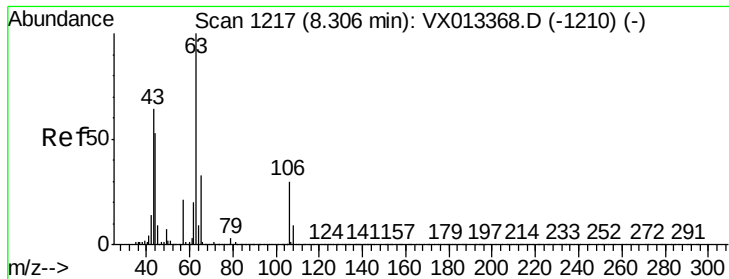
MMDadoda
11/13/2019 9:38:14 AM



#54
1,2-Dibromoethane
Concen: 21.817 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	73.9	110.9





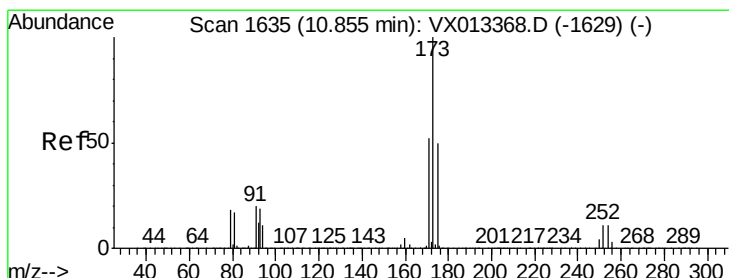
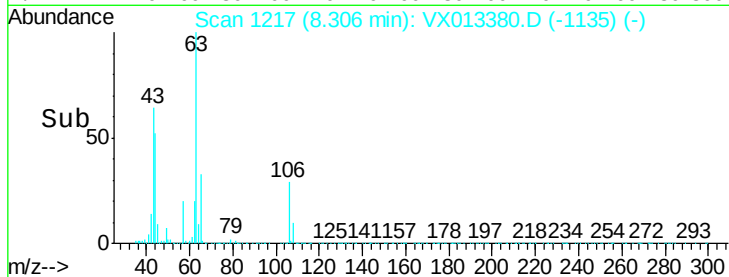
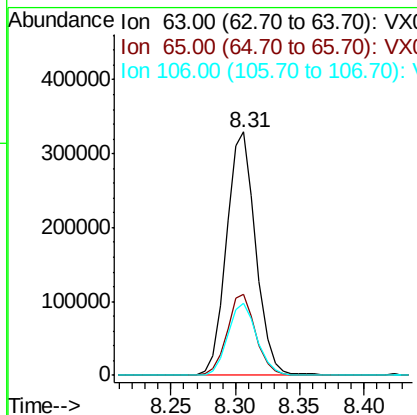
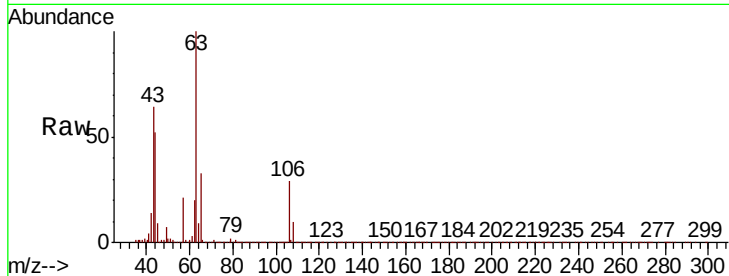
#55
2-Chloroethyl vinyl ether
Concen: 95.721 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.0	39.0
106	29.3	23.5	35.3

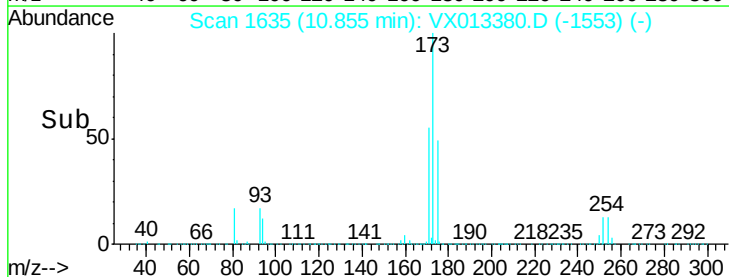
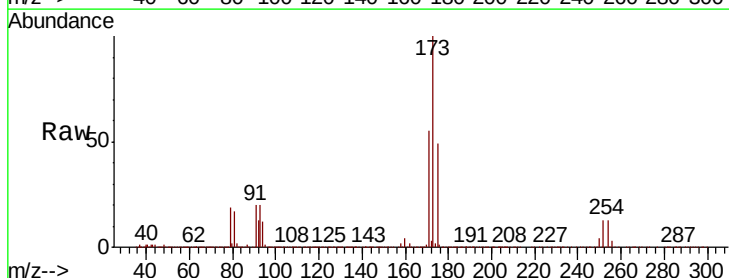
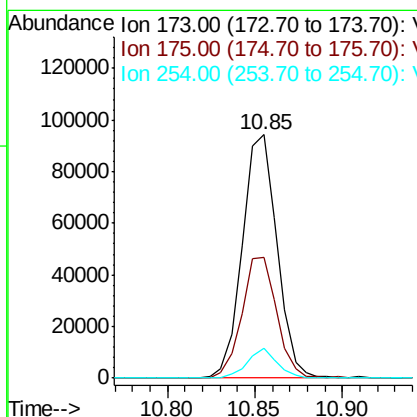
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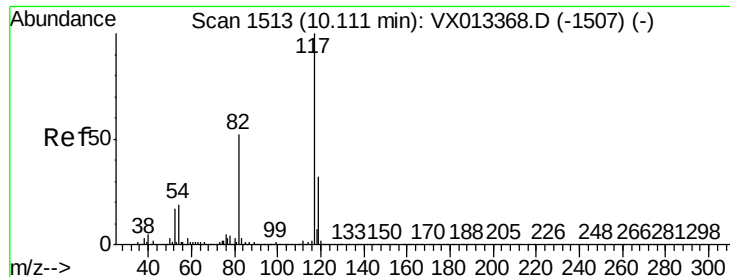
MMDadoda
11/13/2019 9:38:14 AM



#56
Bromoform
Concen: 19.896 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.4	59.0
254	10.9	8.6	12.8





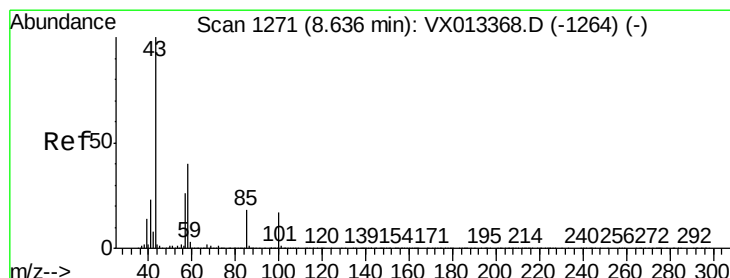
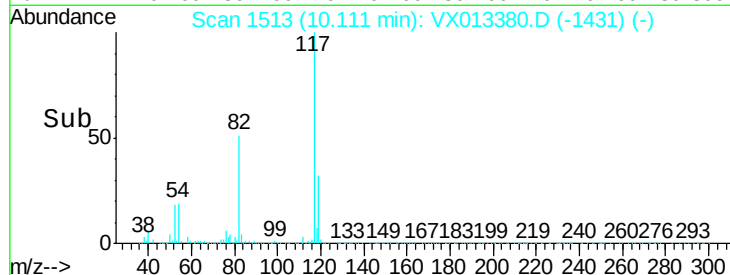
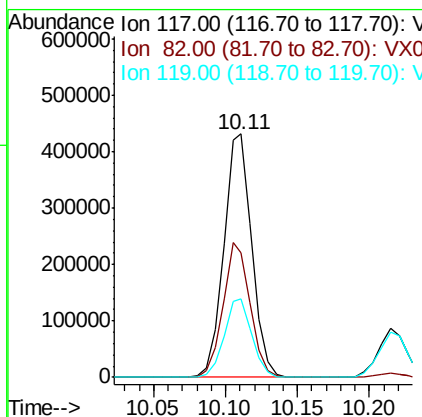
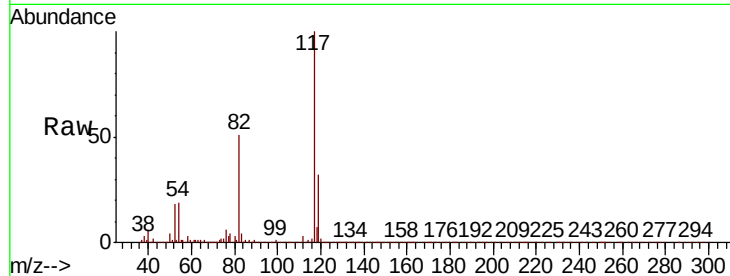
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	588098		
82	53.6		43.7	65.5
119	31.8		25.5	38.3

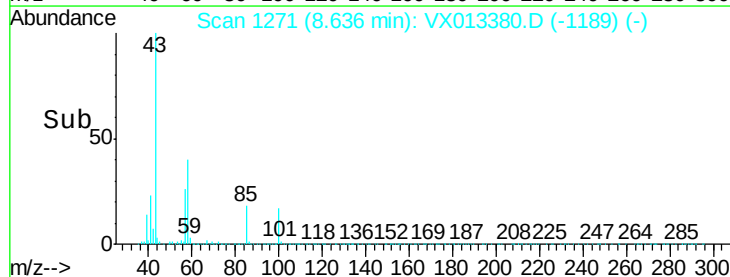
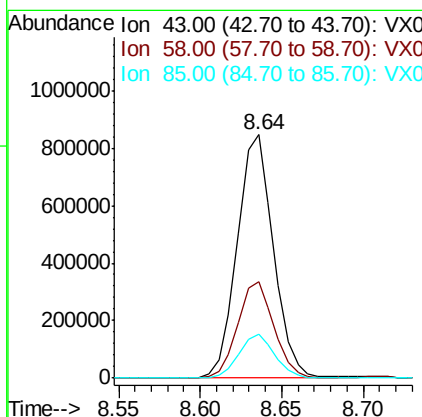
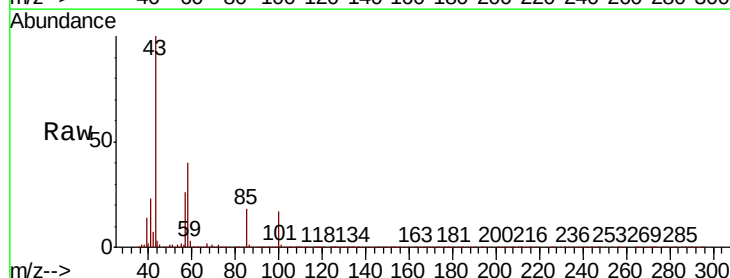
Manual Integrations
APPROVED

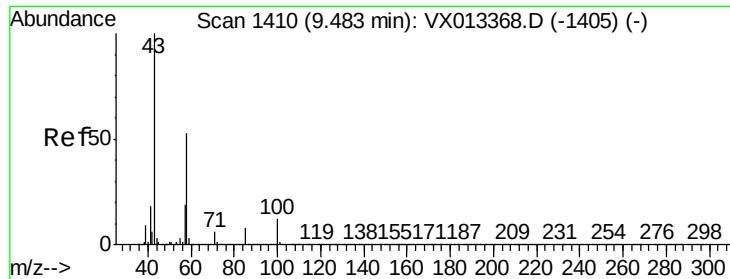
MMDadoda
11/13/2019 9:38:14 AM



#58
4-Methyl-2-Pentanone
Concen: 106.304 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1305999		
58	39.8		31.6	47.4
85	17.8		14.2	21.2





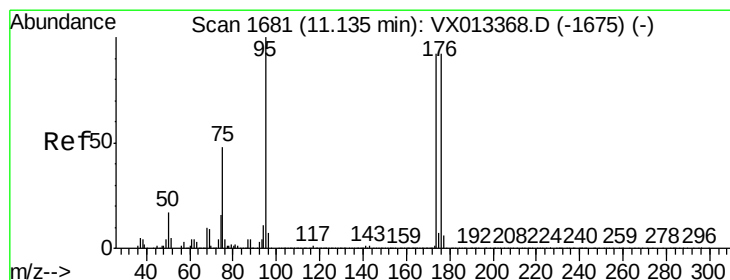
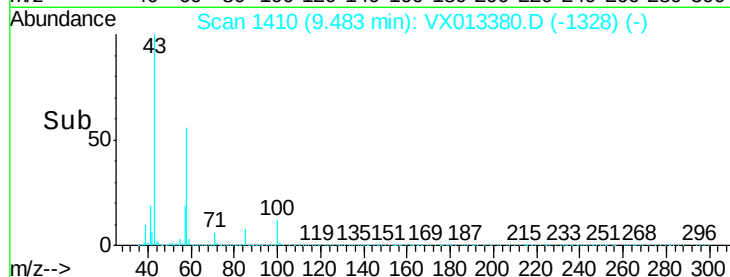
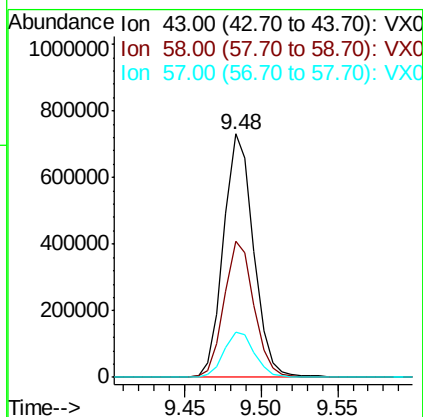
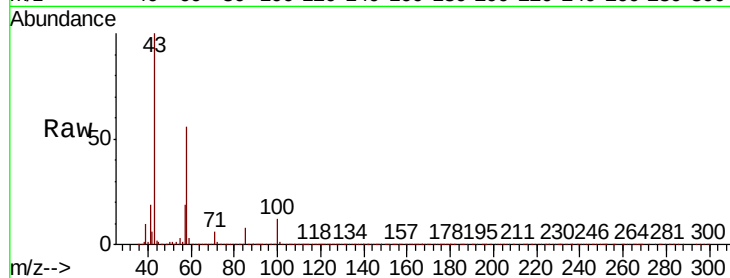
#59
2-Hexanone
Concen: 102.053 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.8	65.6
57	19.3	15.1	22.7

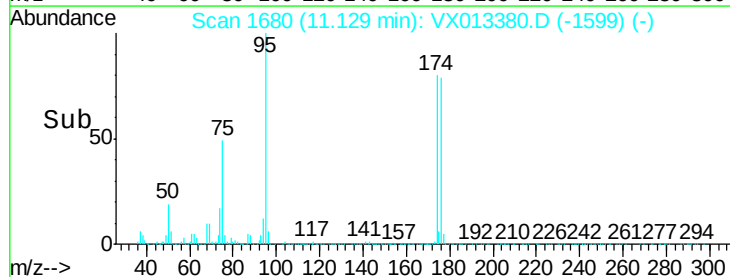
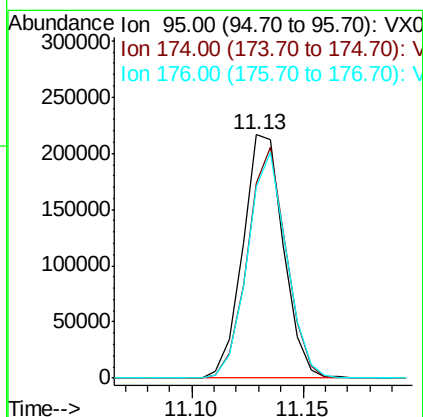
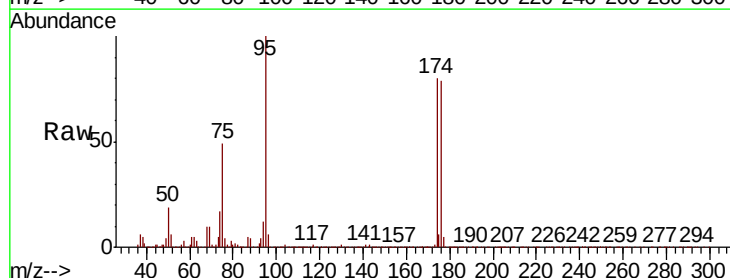
Manual Integrations
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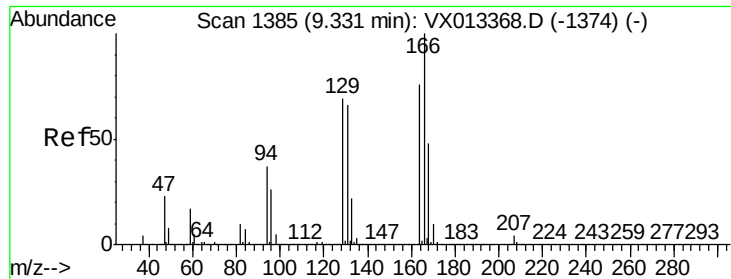
MMDadoda
11/13/2019 9:38:14 AM



#60
4-Bromofluorobenzene
Concen: 29.093 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.0	70.2	105.2
176	89.0	68.3	102.5





#61

Tetrachloroethene

Concen: 21.853 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion:164 Resp: 158475

Ion Ratio Lower Upper

164 100

166 134.2 104.9 157.3

129 87.9 72.3 108.5

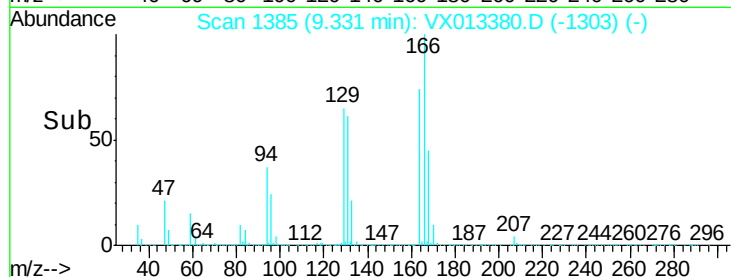
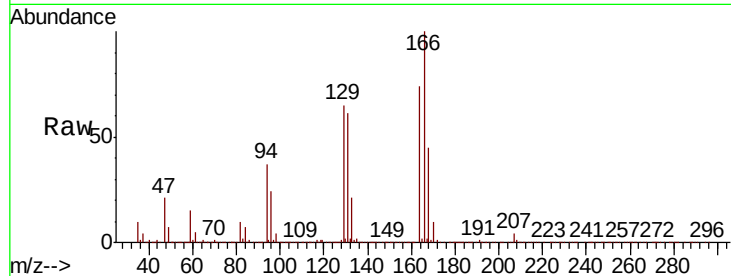
131 82.0 69.0 103.6

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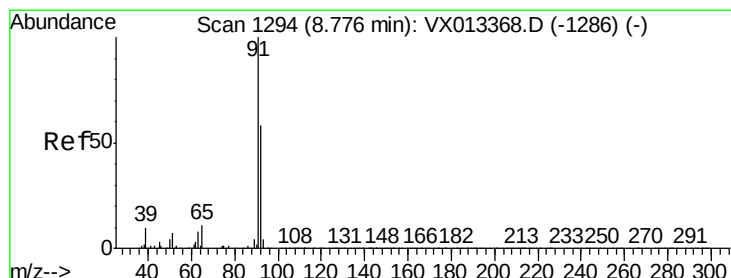
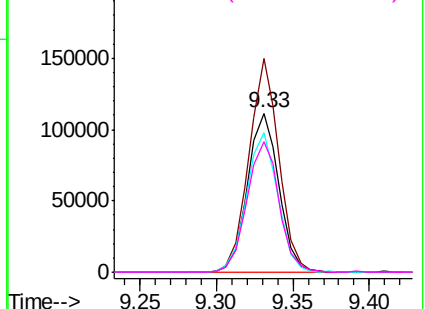


Abundance Ion 163.85 (163.55 to 164.55): V

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: 21.901 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013380.D

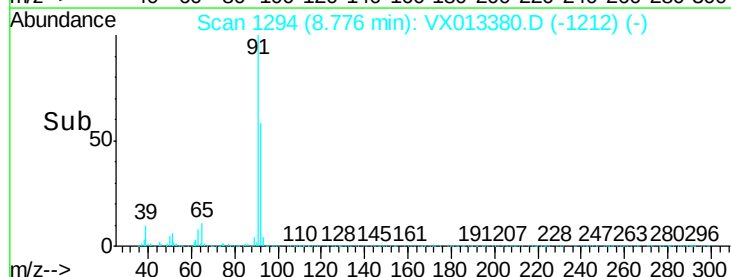
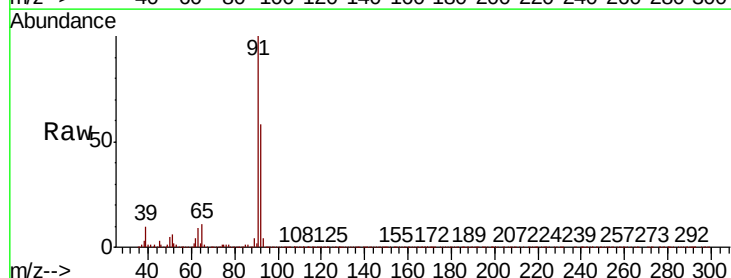
Acq: 12 Nov 2019 12:45

Tgt Ion: 91 Resp: 717441

Ion Ratio Lower Upper

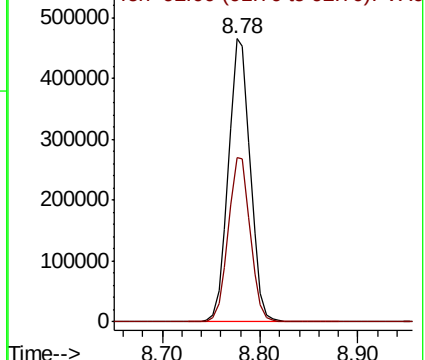
91 100

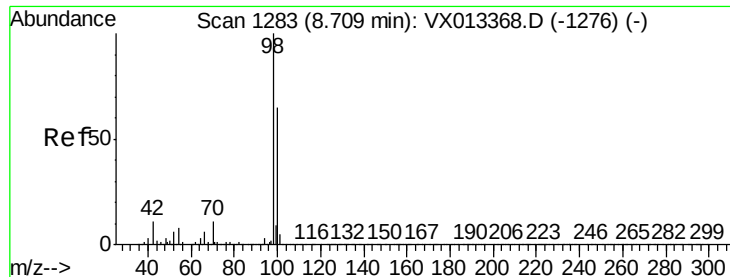
92 58.6 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





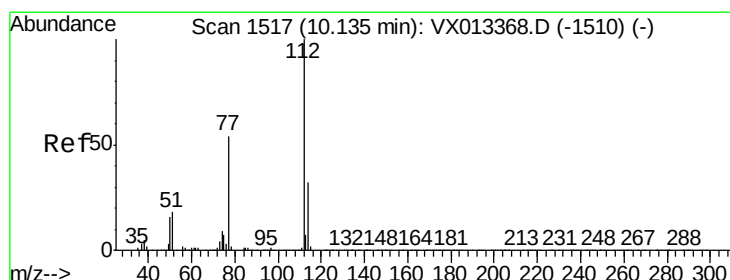
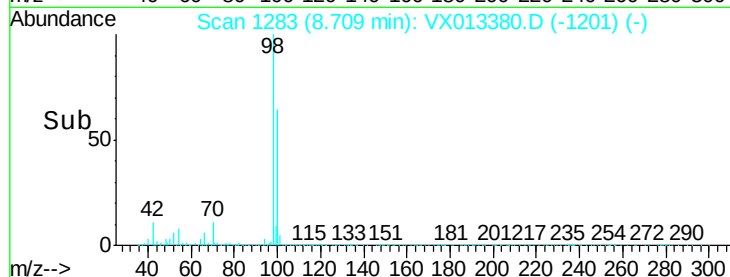
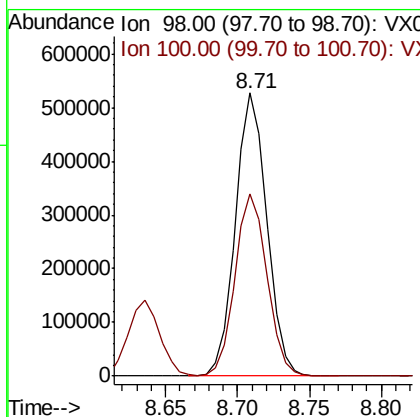
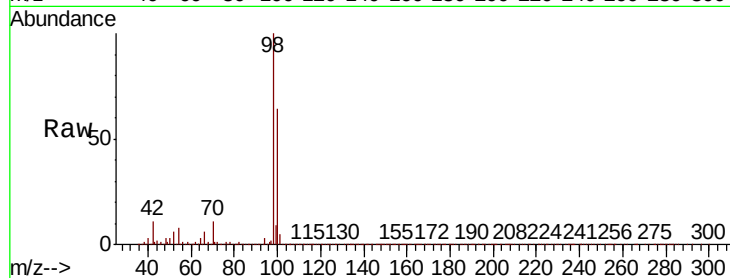
#63
Toluene-d8
Concen: 30.174 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7

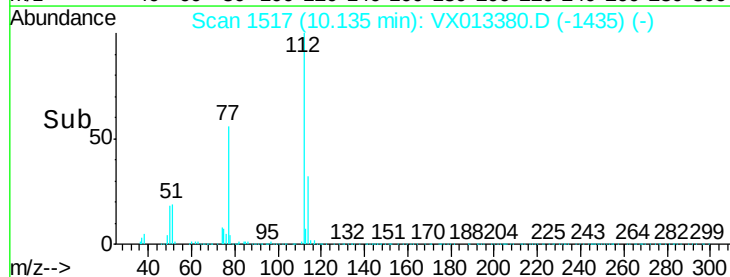
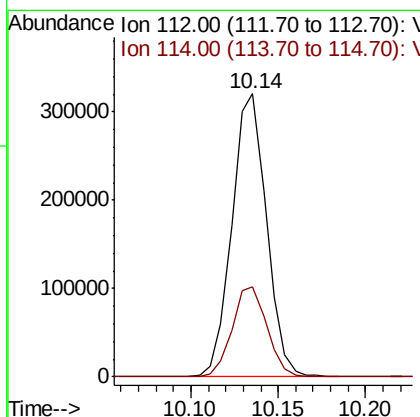
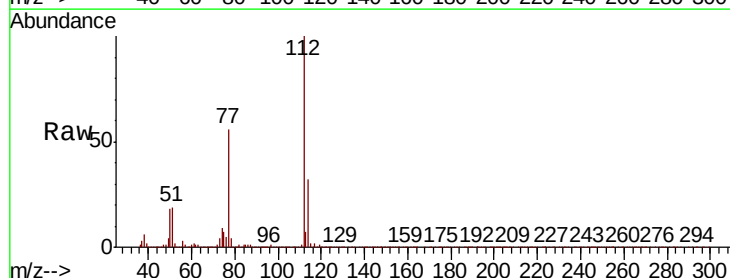
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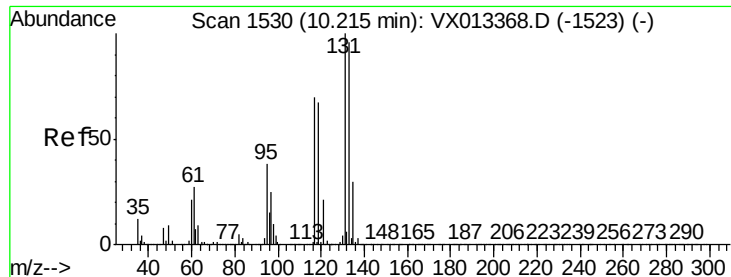
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#64
Chlorobenzene
Concen: 21.473 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 21.191 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

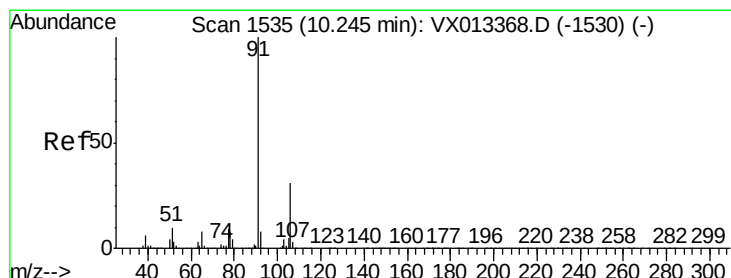
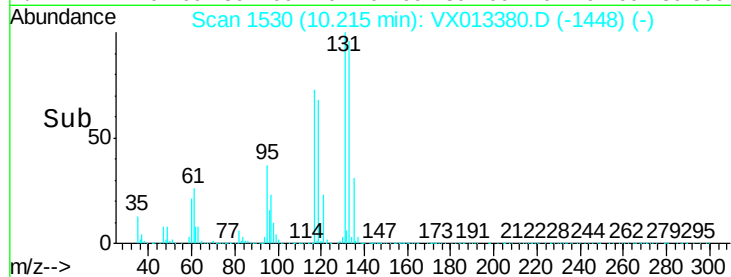
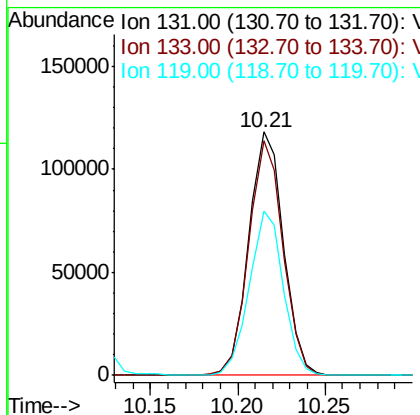
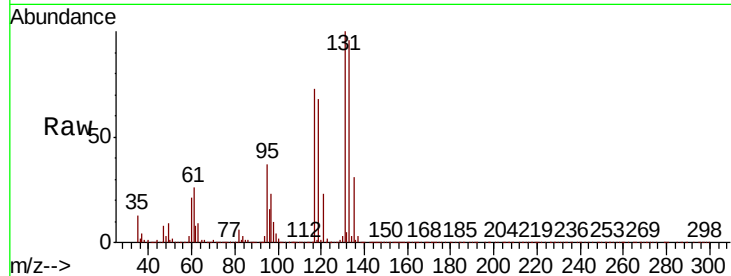
ClientSampleId :

VX1112WBS01

Tot Ion:	131	Resp:	162467
Ion Ratio	Lower	Upper	
131	100		
133	95.0	0.0	192.2
119	66.5	0.0	134.4

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#66

Ethyl Benzene

Concen: 21.658 ug/l

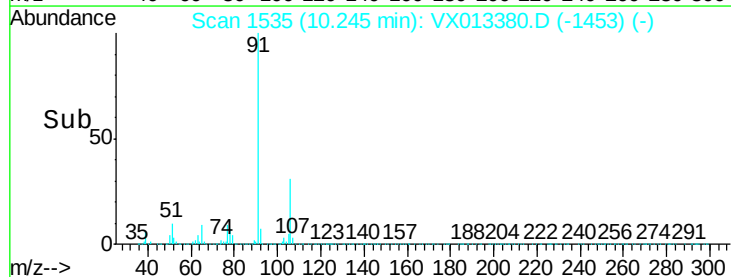
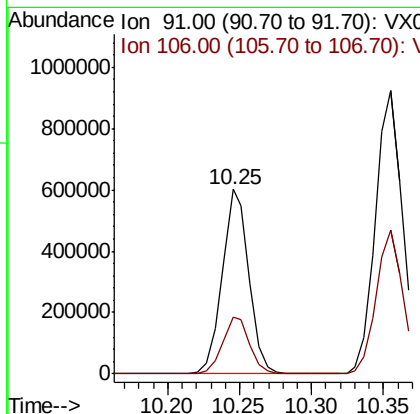
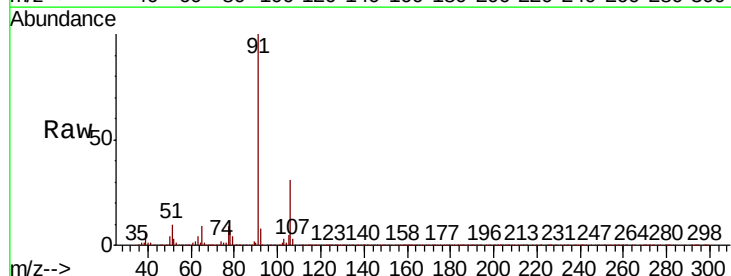
RT: 10.25 min Scan# 1535

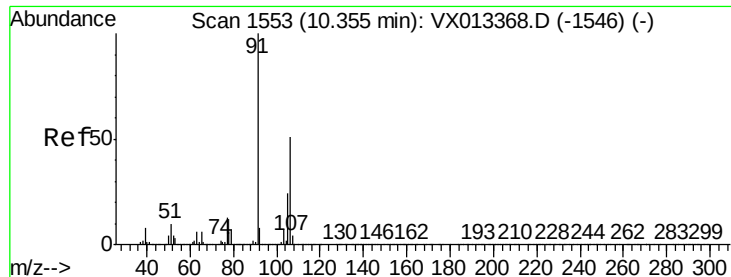
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	91	Resp:	779438
Ion Ratio	Lower	Upper	
91	100		
106	31.0	25.0	37.4





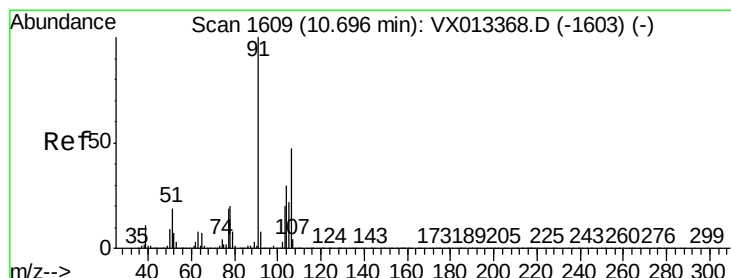
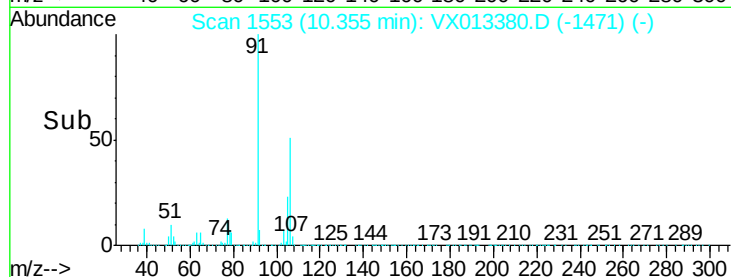
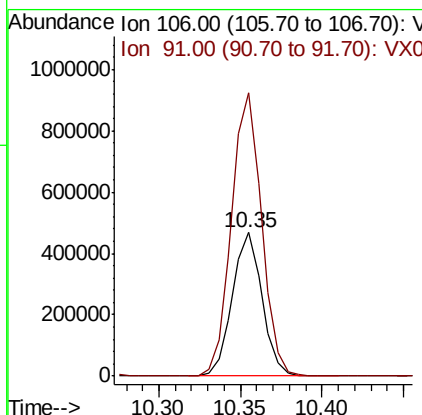
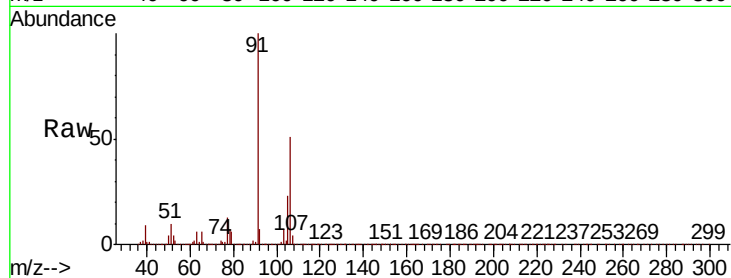
#67
m/p-Xylenes
Concen: 42.545 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.6	158.4	237.6

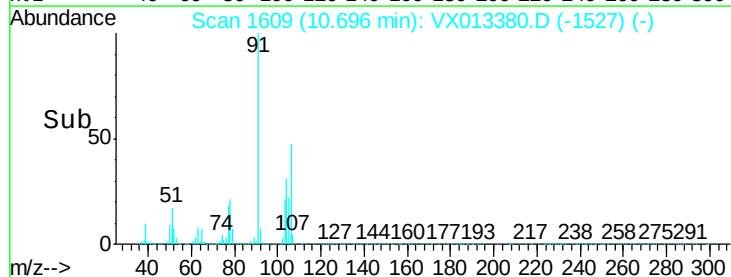
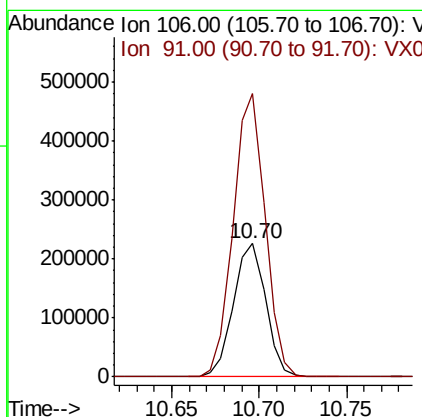
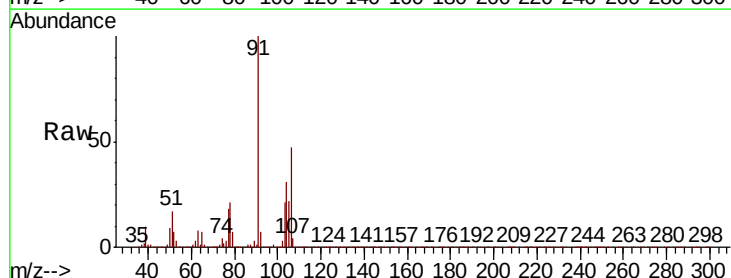
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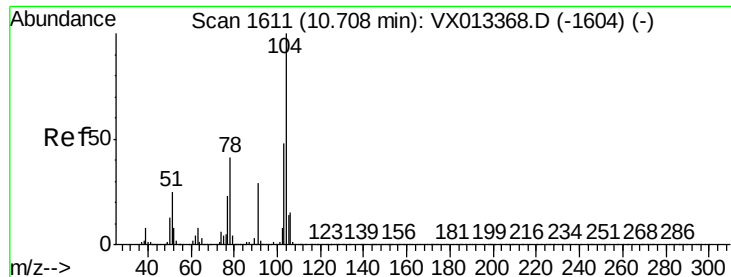
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#68
o-Xylene
Concen: 21.723 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.8	106.4	319.2





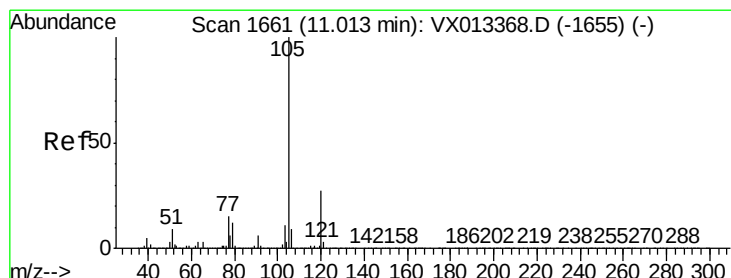
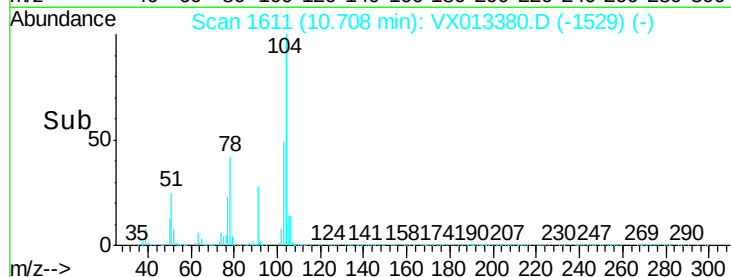
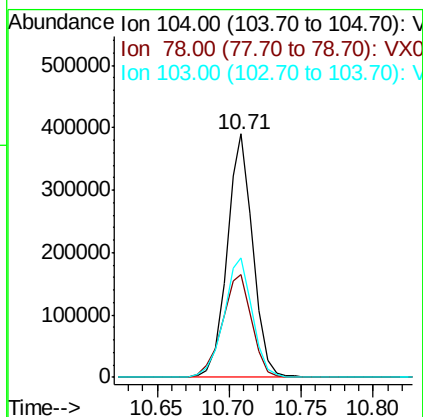
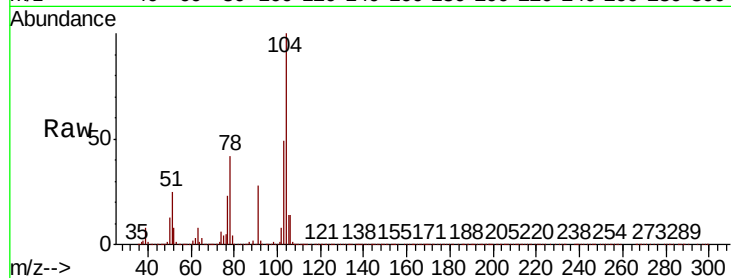
#69
Stvrene
Concen: 21.346 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.2	57.4
103	54.0	43.2	64.8

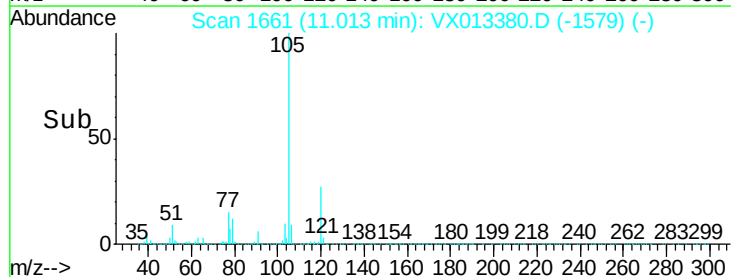
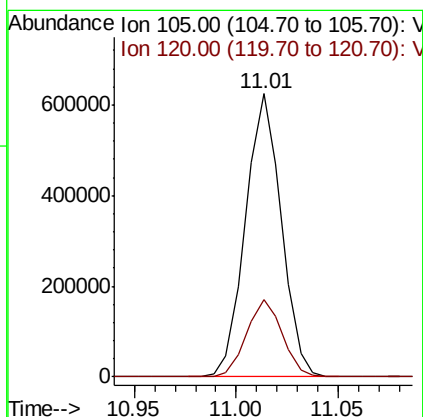
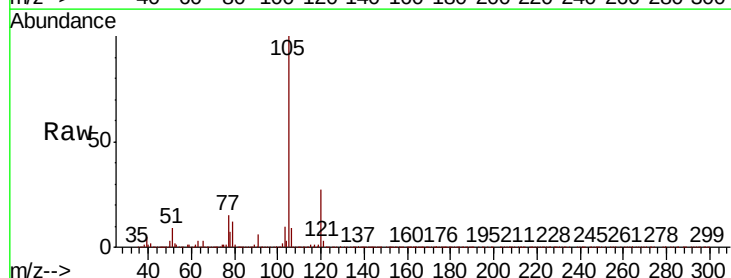
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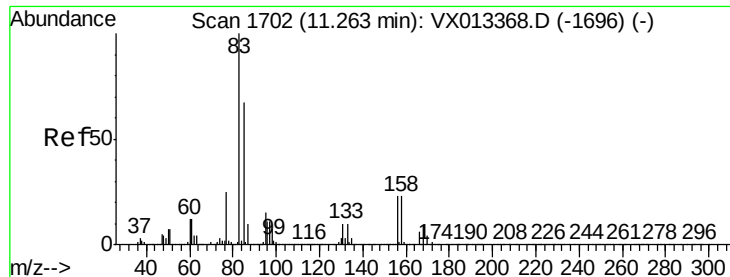
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#70
Isopropylbenzene
Concen: 21.599 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	34.8





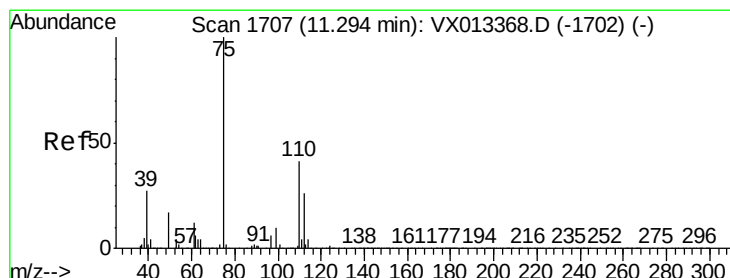
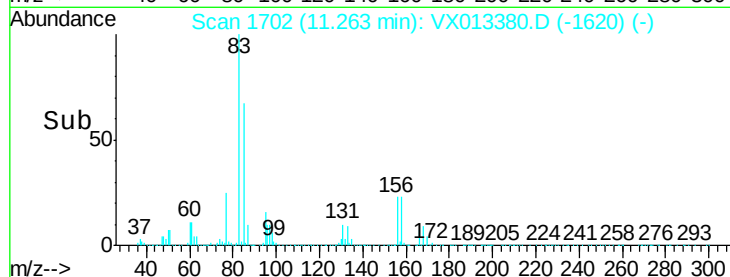
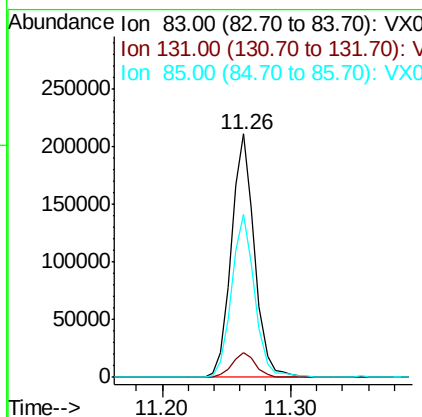
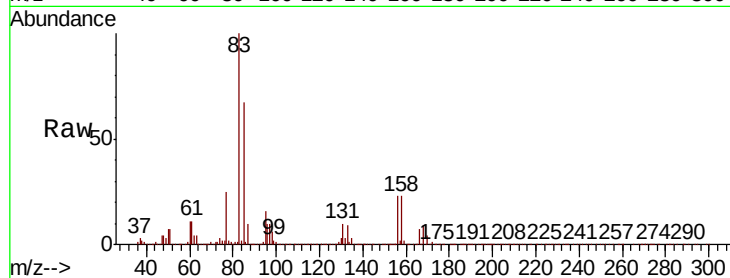
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.840 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	263425		
131	10.5	4.7	14.1	
85	66.3	32.6	97.7	

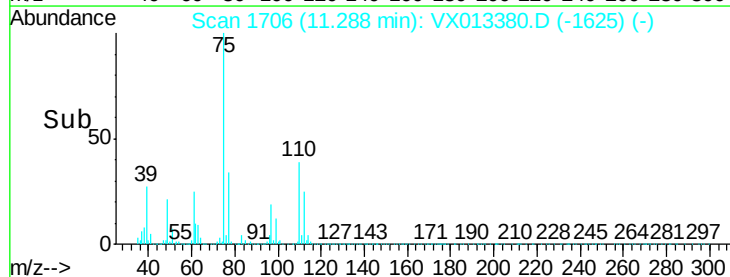
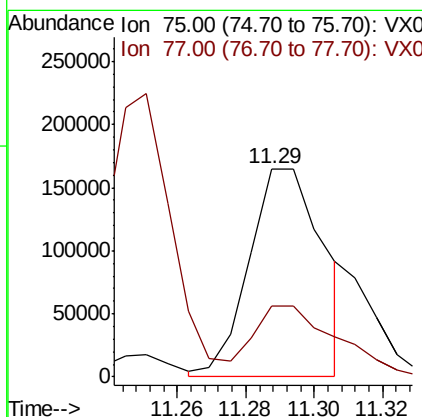
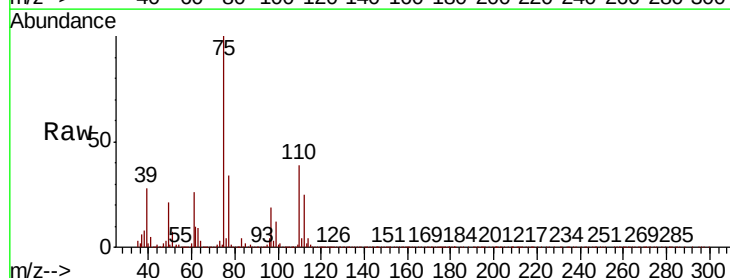
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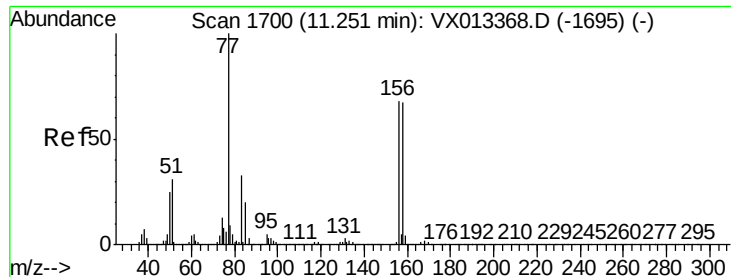
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#72
 1,2,3-Trichloropropane
 Concen: 23.252 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	248170		
77	36.2	0.0	86.2	





#73

Bromobenzene

Concen: 21.530 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

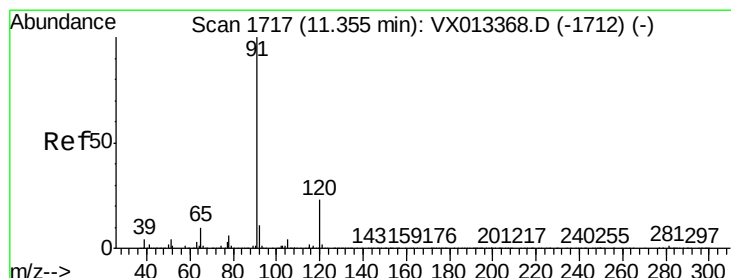
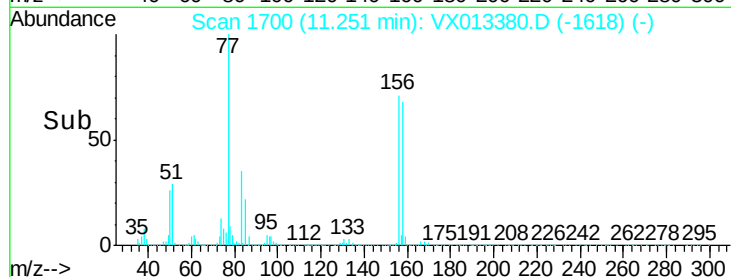
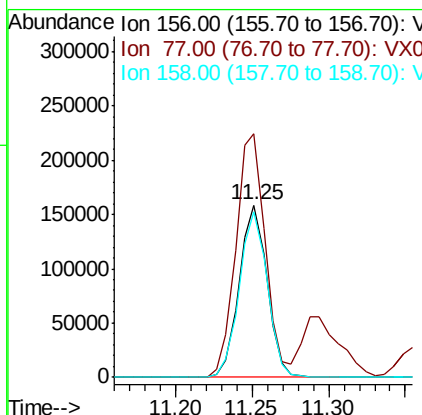
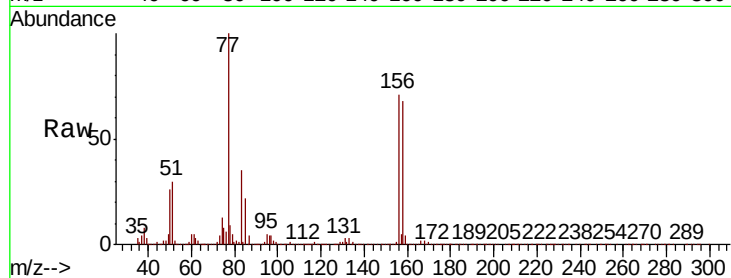
ClientSampleId :

VX1112WBS01

Tot Ion:	156	Resp:	200438
Ion Ratio	Lower	Upper	
156	100		
77	148.9	0.0	308.8
158	96.6	0.0	197.0

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#74

n-propylbenzene

Concen: 21.293 ug/l

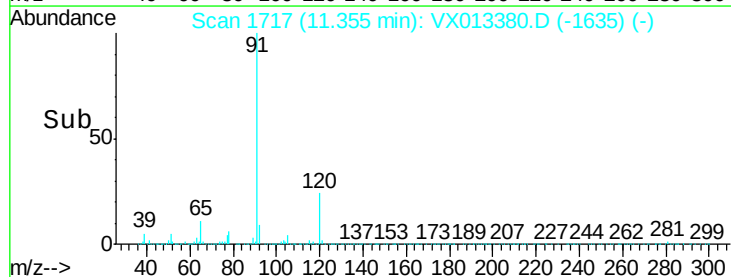
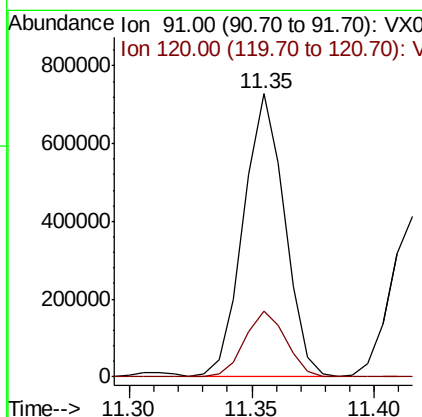
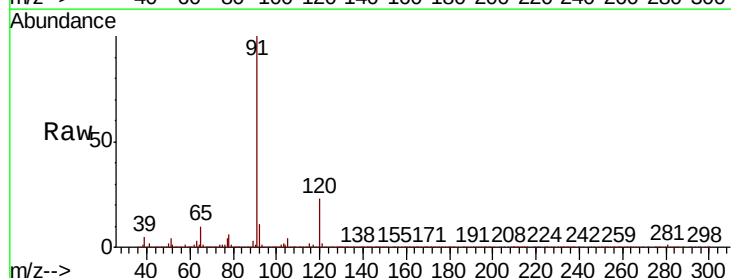
RT: 11.35 min Scan# 1717

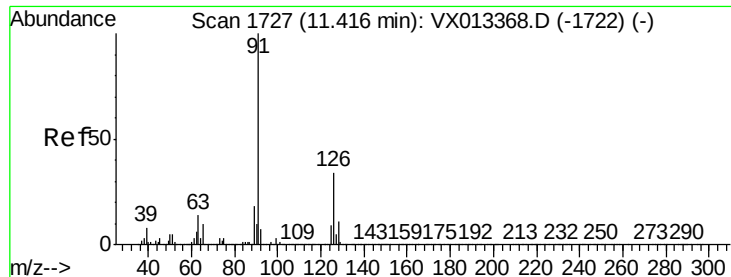
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	91	Resp:	854253
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 21.397 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBS01

Tot Ion: 91 Resp: 510463

Ion Ratio Lower Upper

91 100

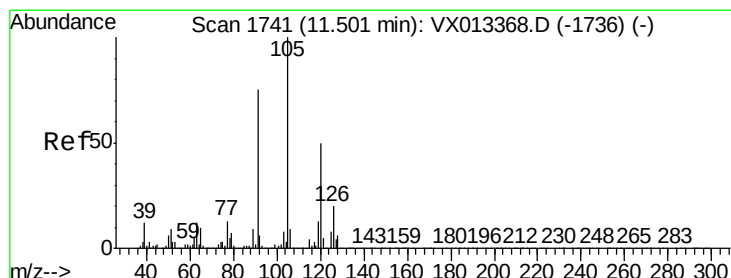
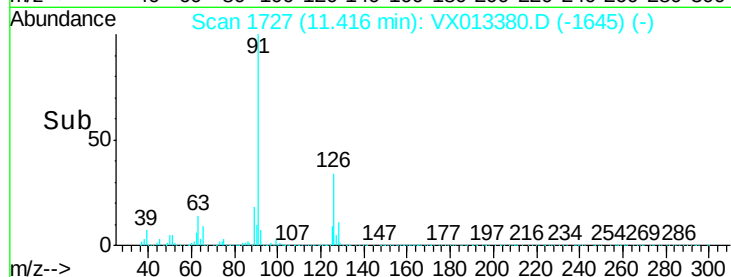
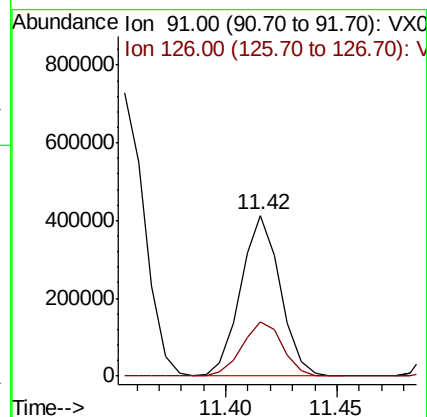
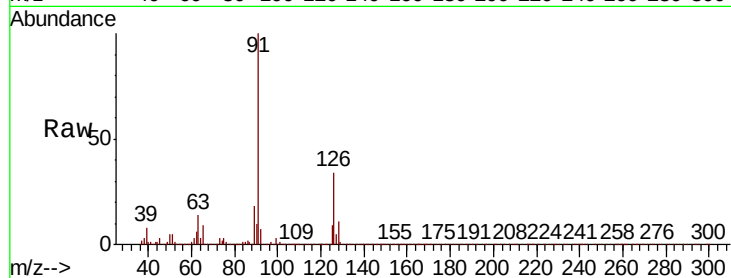
126 34.6 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 21.137 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013380.D

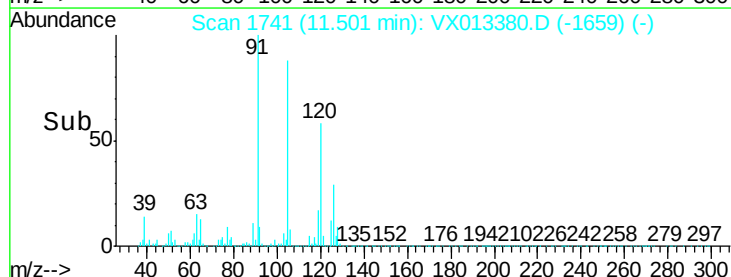
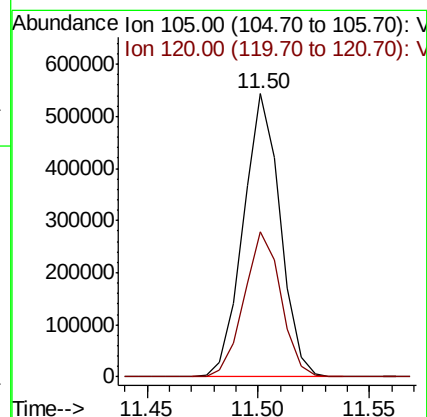
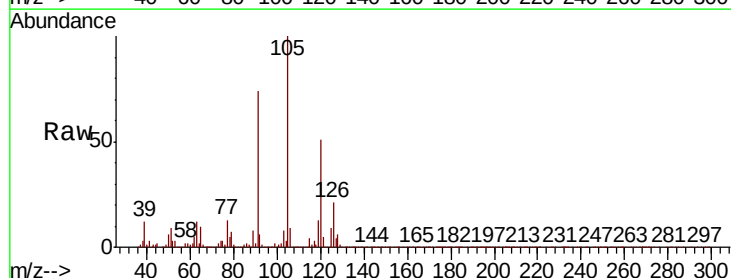
Acq: 12 Nov 2019 12:45

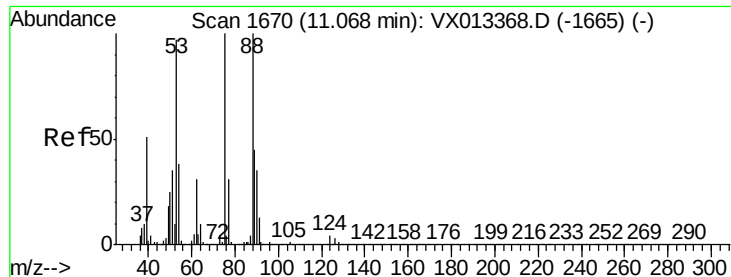
Tgt Ion: 105 Resp: 627200

Ion Ratio Lower Upper

105 100

120 51.3 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.602 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

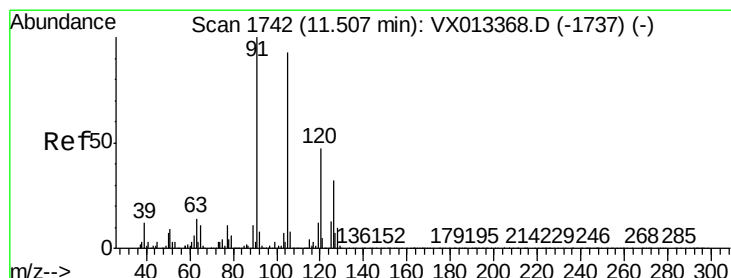
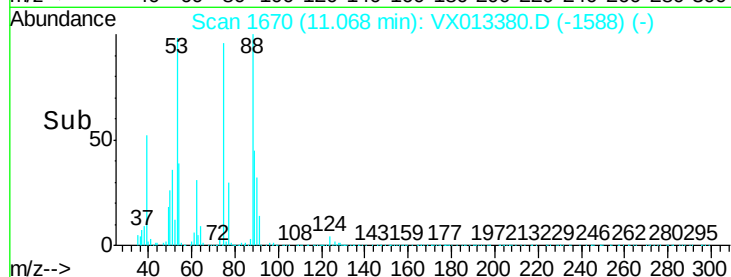
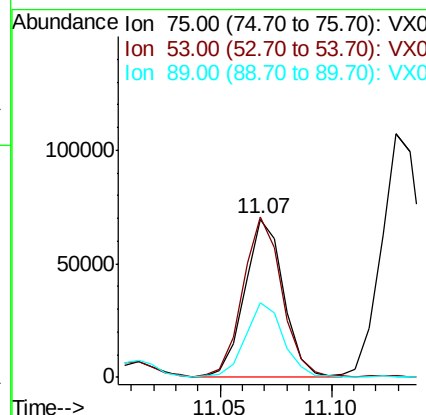
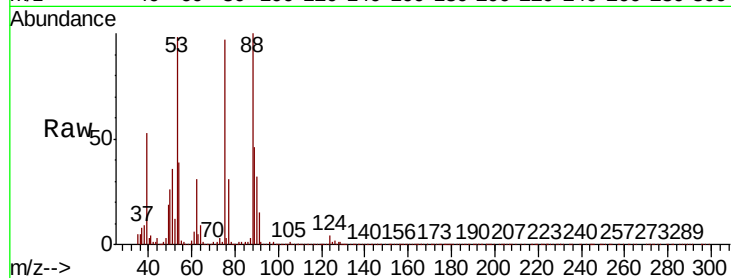
ClientSampleId :

VX1112WBS01

Tot Ion:	75	Resp:	84591
Ion Ratio	Lower	Upper	
75	100		
53	101.9	48.8	146.3
89	47.0	22.3	66.8

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#78

4-Chlorotoluene

Concen: 21.184 ug/l

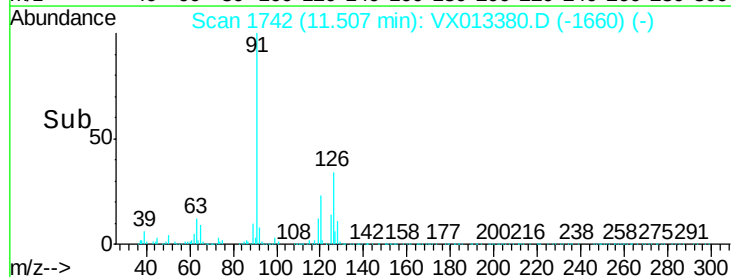
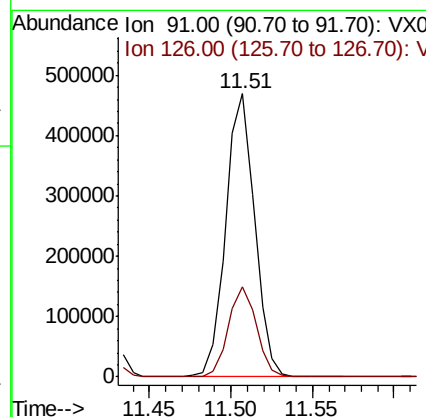
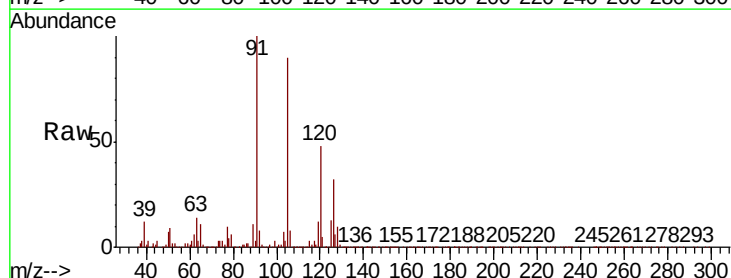
RT: 11.51 min Scan# 1742

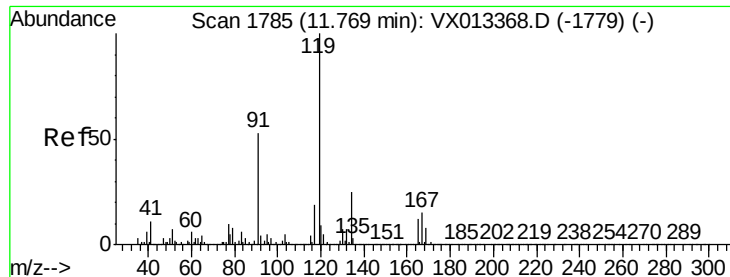
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	91	Resp:	579041
Ion Ratio	Lower	Upper	
91	100		
126	30.5	0.0	61.0





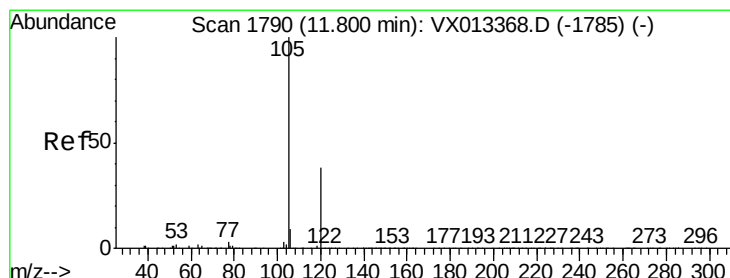
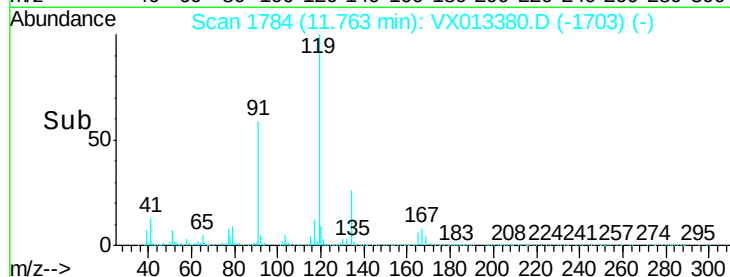
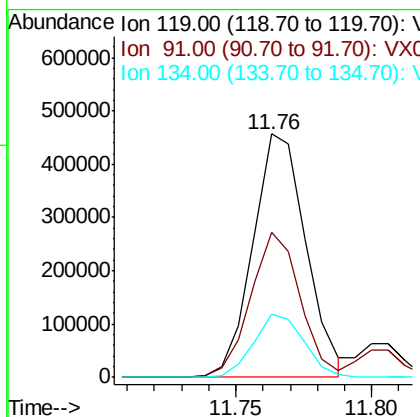
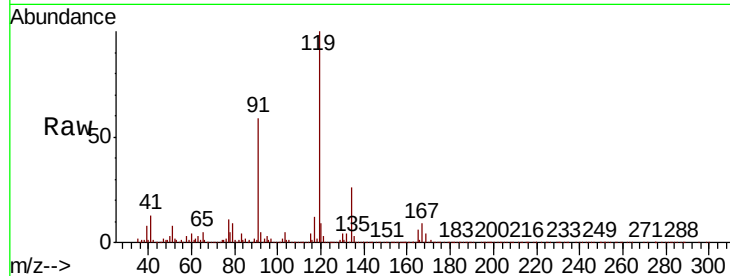
#79
tert-butylbenzene
Concen: 20.666 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	618713		
91	55.5	0.0	109.6	
134	25.0	0.0	47.8	

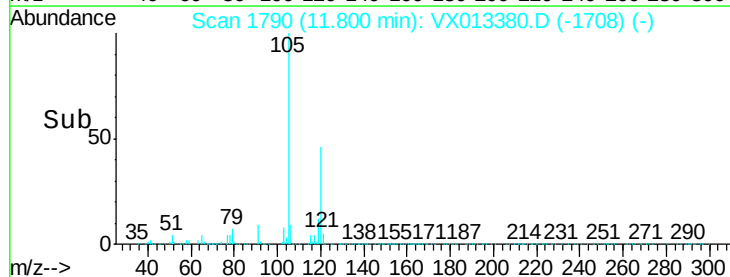
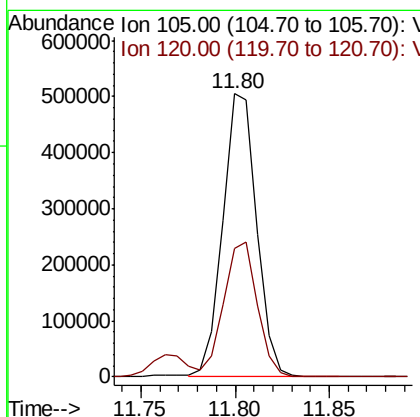
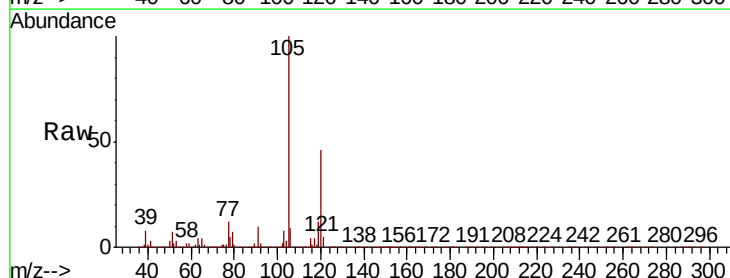
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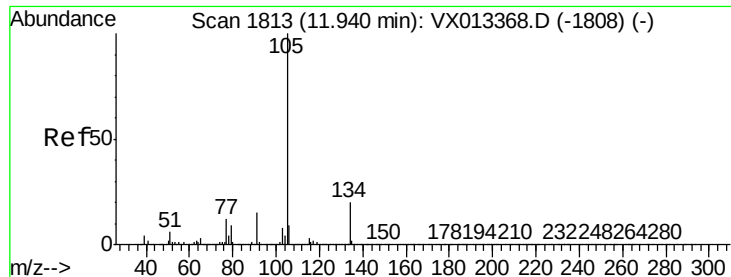
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11/13/2019 9:38:14 AM



#80
1,2,4-Trimethylbenzene
Concen: 21.238 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	628023		
120	47.0	0.0	94.0	





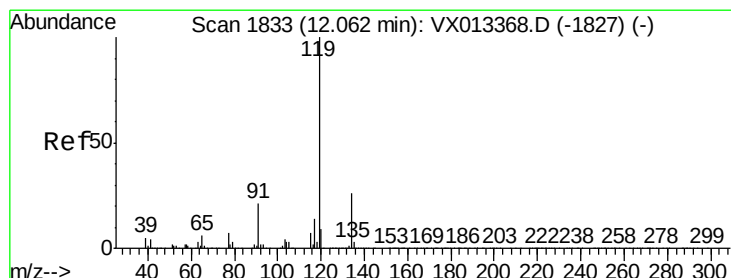
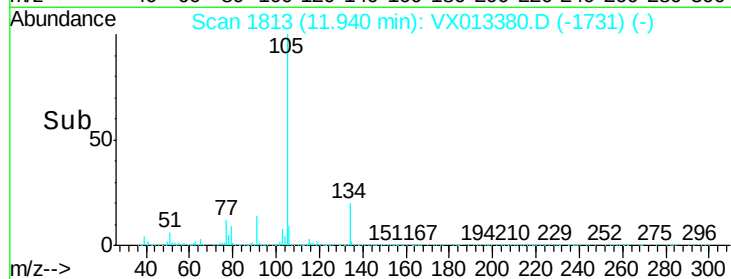
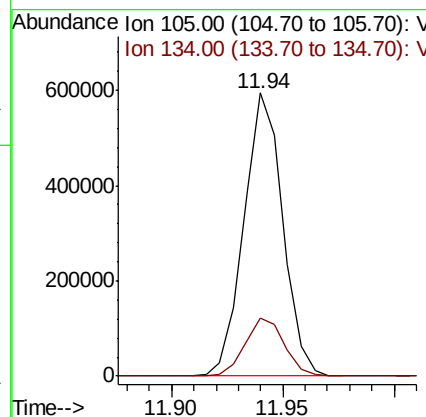
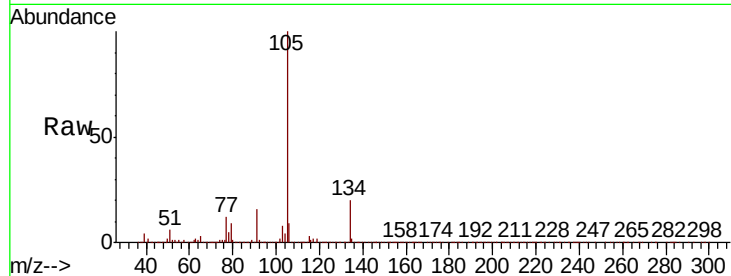
#81
 sec-Butylbenzene
 Concen: 21.178 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	0.0	41.2

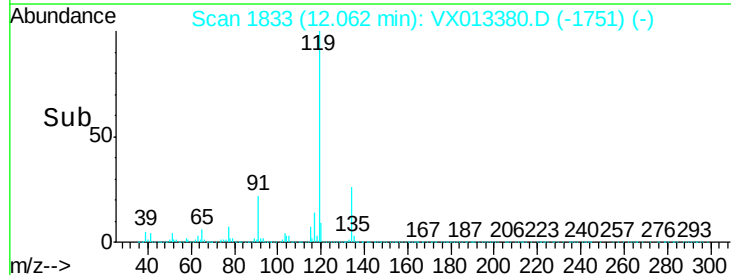
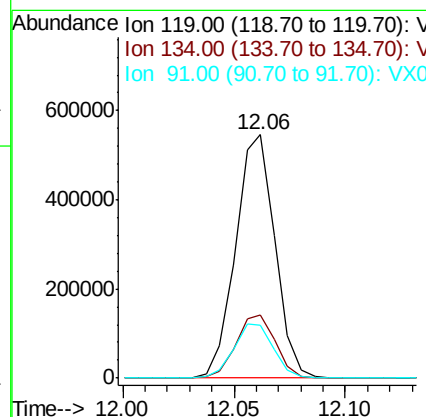
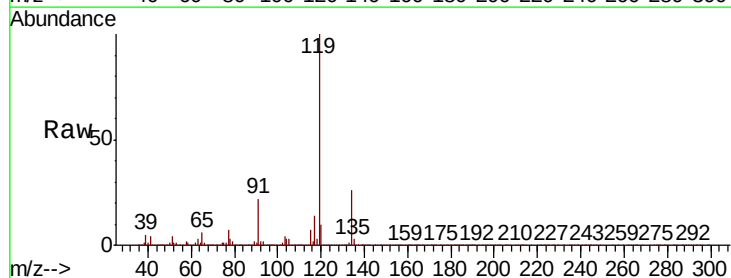
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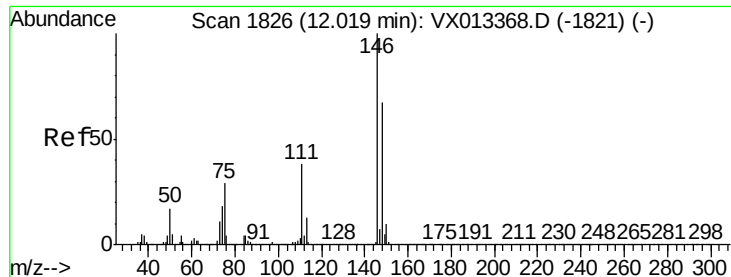
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#82
 p-Isopropyltoluene
 Concen: 21.250 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	51.6
91	22.5	0.0	44.2





#83

1,3-Dichlorobenzene

Concen: 21.037 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

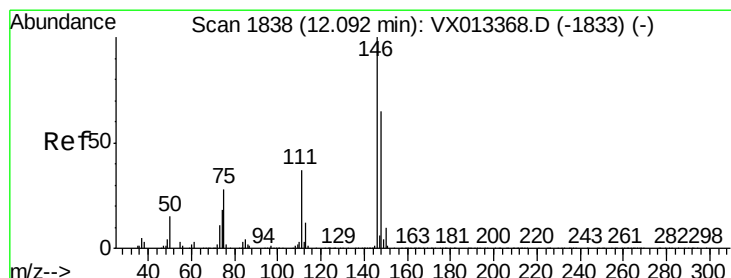
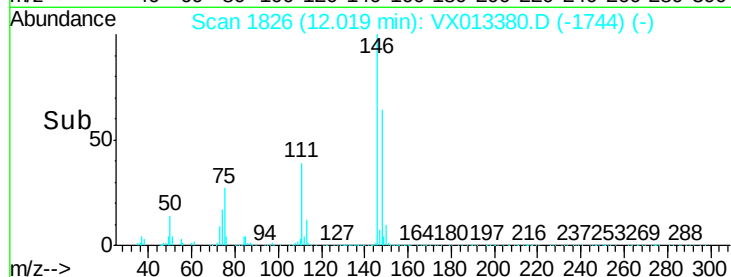
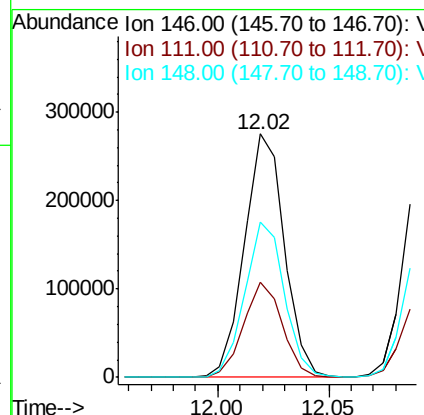
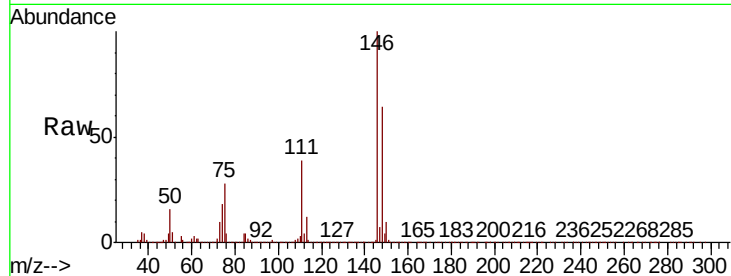
Instrument :
MSVOA_X

ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	63.7	32.3	96.9

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#84

1,4-Dichlorobenzene

Concen: 20.797 ug/l

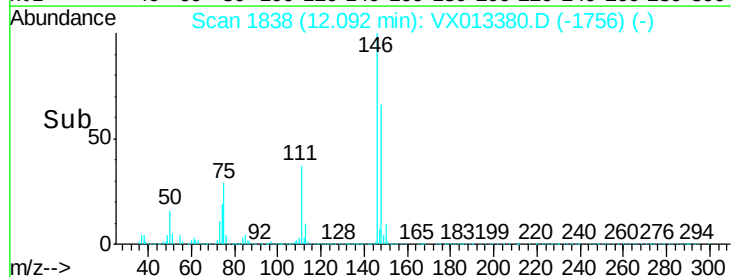
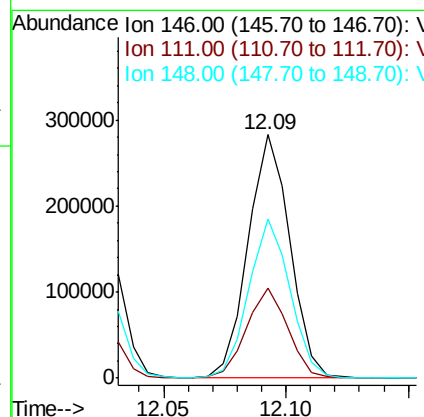
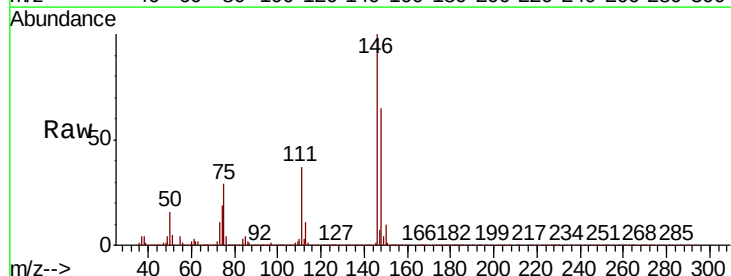
RT: 12.09 min Scan# 1838

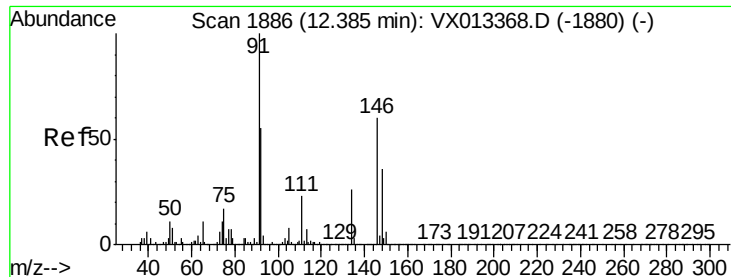
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.6
148	64.5	32.5	97.4





#85

n-Butylbenzene

Concen: 20.388 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Instrument :

MSVOA_X

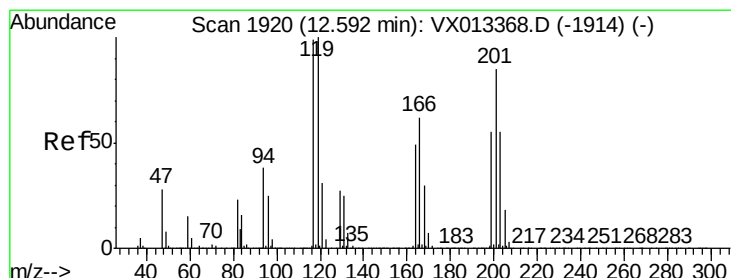
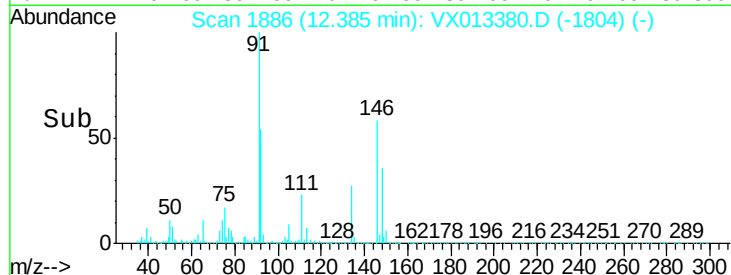
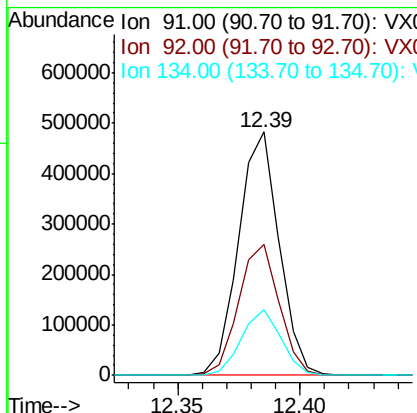
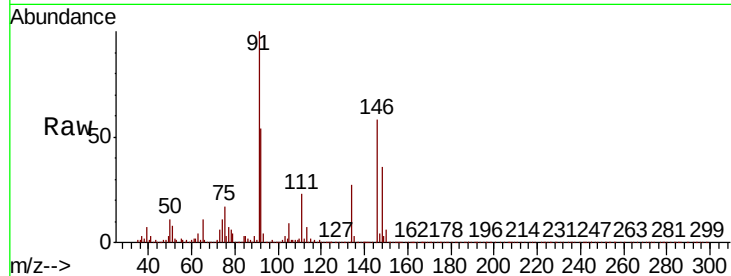
ClientSampleId :

VX1112WBS01

Tot Ion:	91	Resp:	553777
Ion Ratio	Lower	Upper	
91	100		
92	54.6	0.0	109.0
134	26.7	0.0	53.0

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#86

Hexachloroethane

Concen: 19.878 ug/l

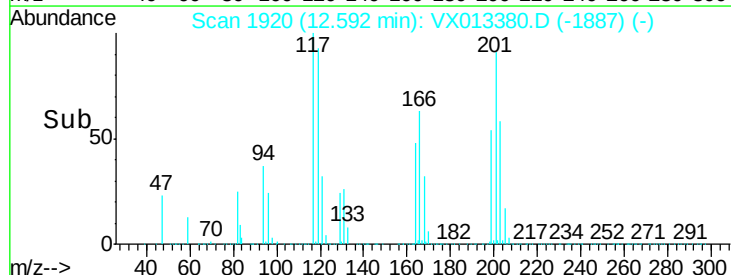
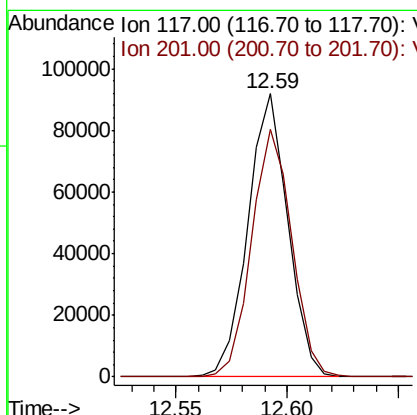
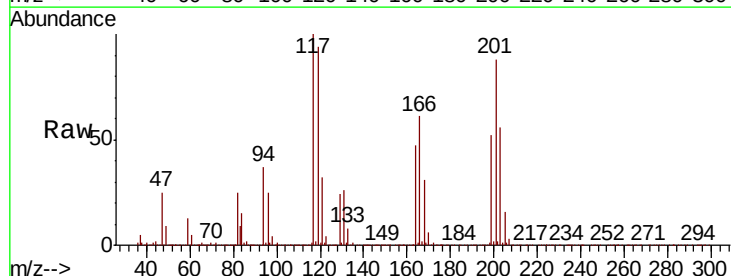
RT: 12.59 min Scan# 1920

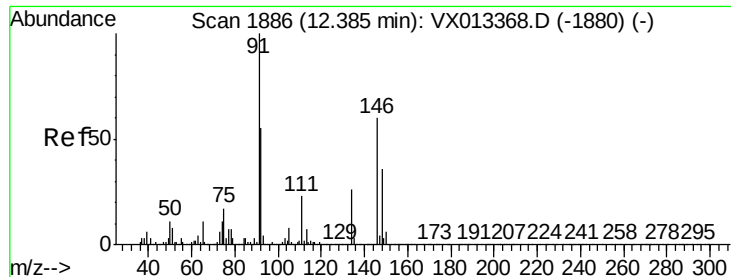
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion:	117	Resp:	114804
Ion Ratio	Lower	Upper	
117	100		
201	87.9	44.5	133.3





#87

1,2-Dichlorobenzene

Concen: 20.993 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013380.D

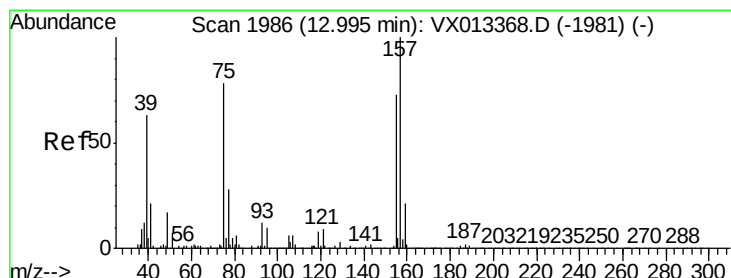
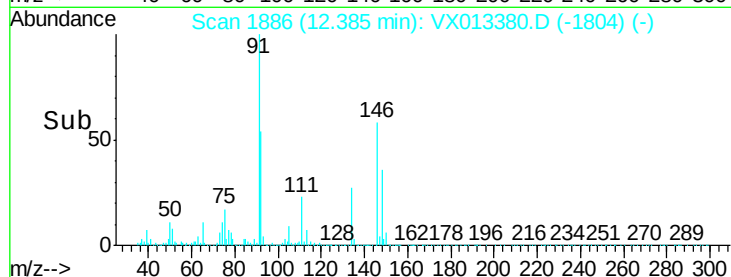
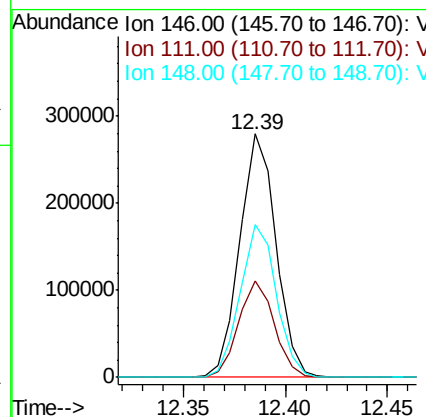
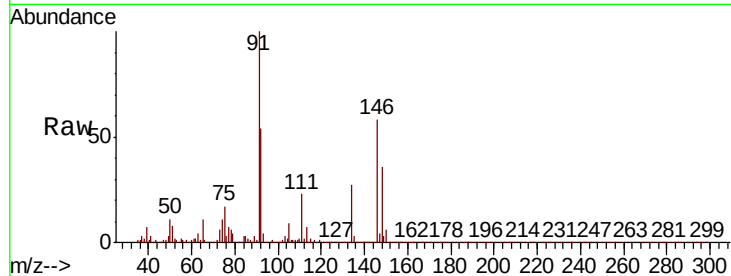
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	62.8	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.952 ug/l

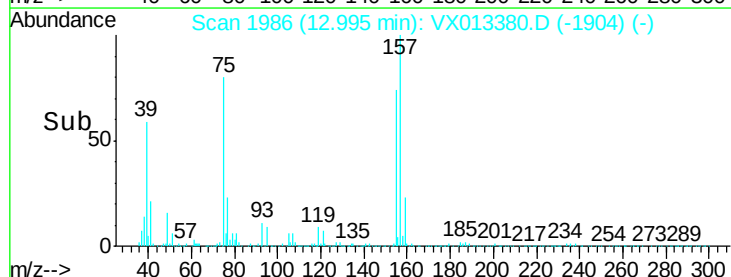
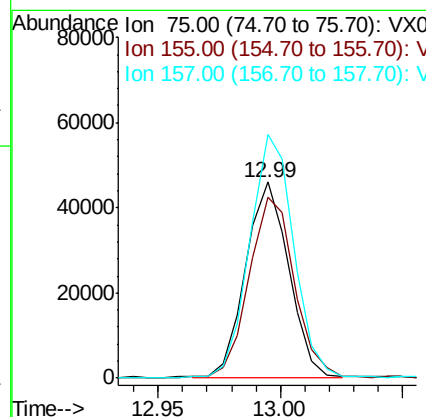
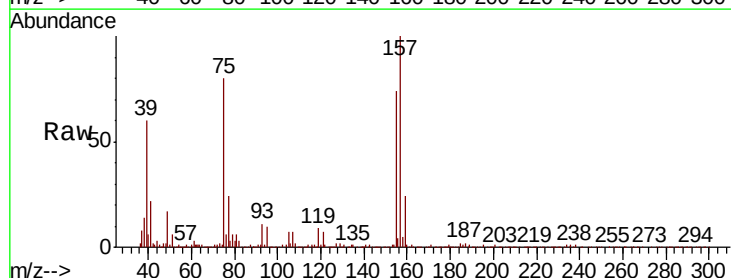
RT: 12.99 min Scan# 1986

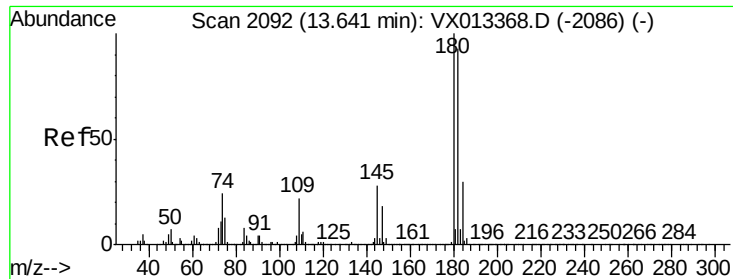
Delta R.T. 0.00 min

Lab File: VX013380.D

Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	76.9	115.3
157	127.3	101.2	151.8





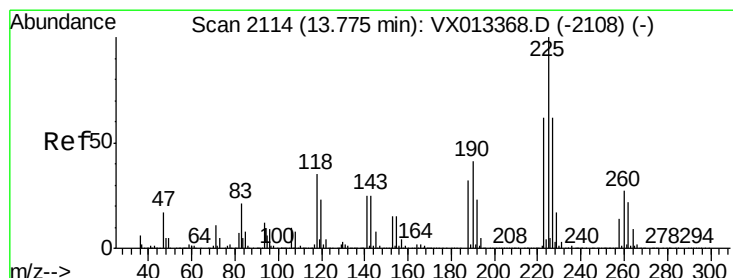
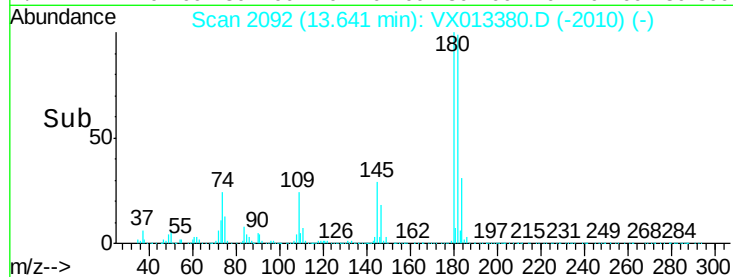
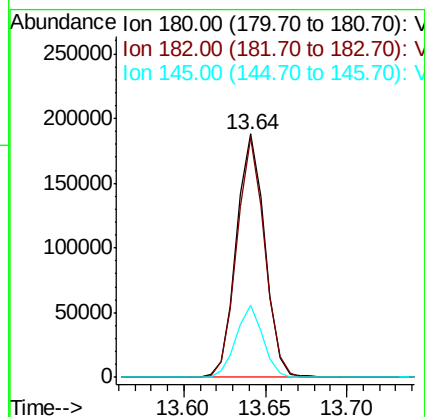
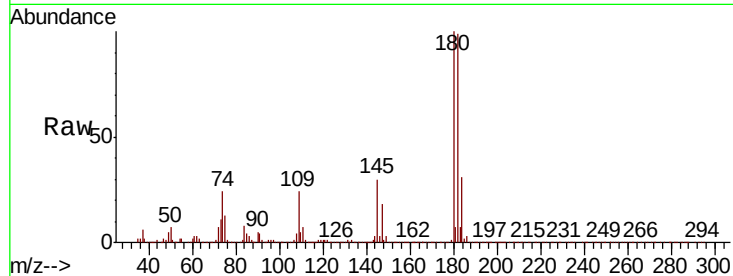
#89
 1,2,4-Trichlorobenzene
 Concen: 20.084 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.7	112.1
145	28.0	22.1	33.1

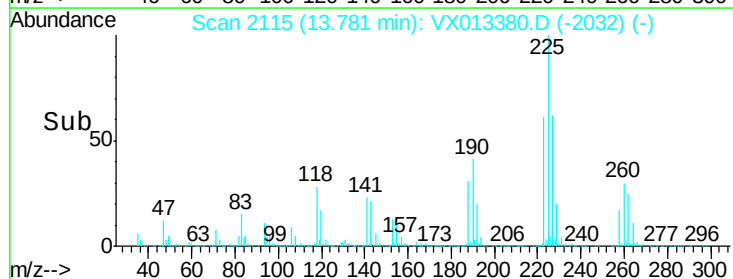
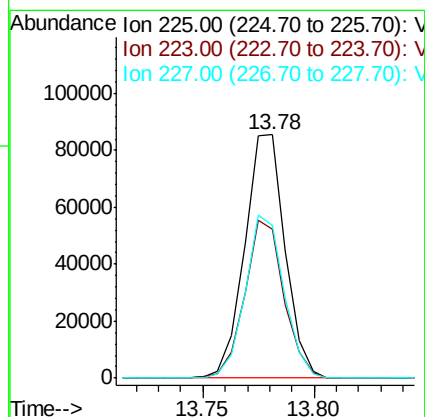
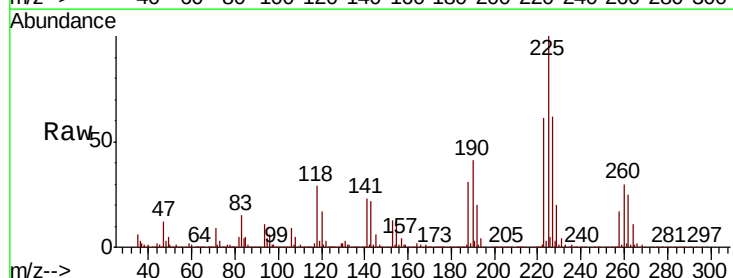
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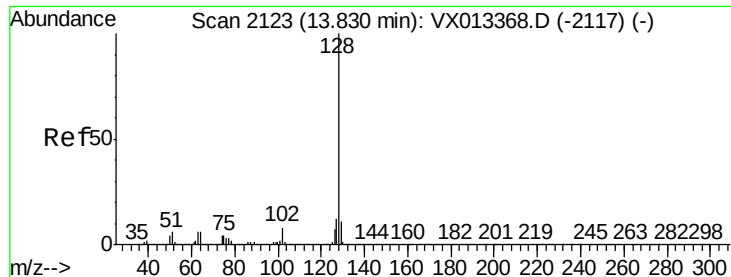
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#90
 Hexachlorobutadiene
 Concen: 20.036 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013380.D
 Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	123.0
227	64.0	0.0	121.8





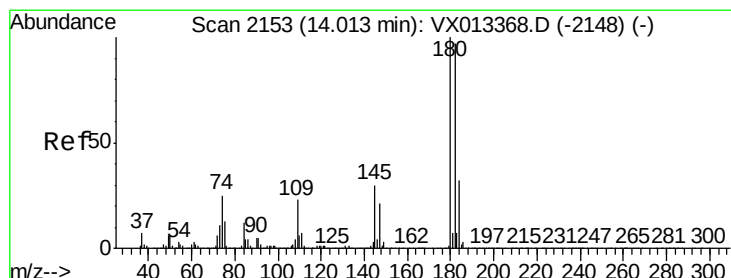
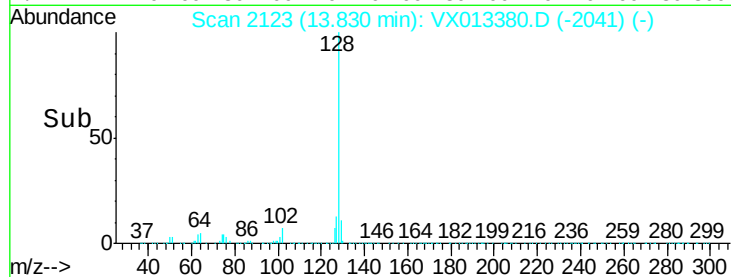
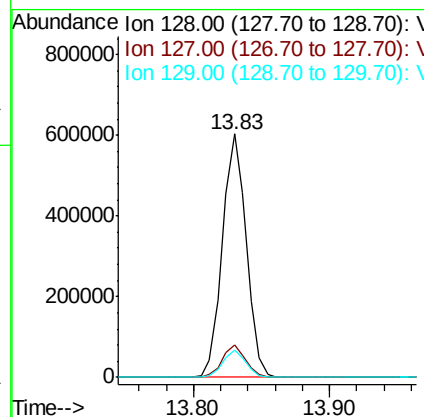
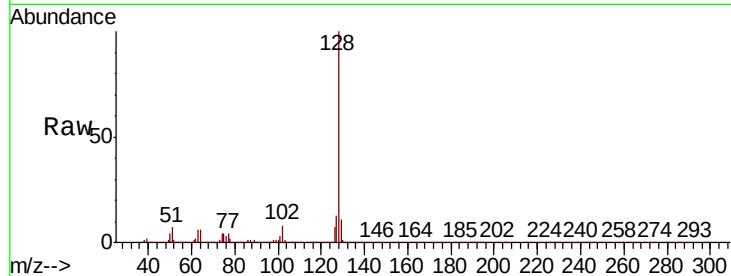
#91
Naphthalene
Concen: 20.531 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	733595		
127	12.9		10.2	15.2
129	10.9		8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 20.253 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013380.D
Acq: 12 Nov 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230973		
182	95.7		0.0	191.0
145	31.2		0.0	59.0

