

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013418.D
 Acq On : 14 Nov 2019 13:39
 Operator : JC/SP
 Sample : VX1114WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:21:10 AM

Quant Time: Nov 15 02:59:56 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	114452	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	617436	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	550368	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	236800	28.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.40%
60) 4-Bromofluorobenzene	11.14	95	263084	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.71	98	753305	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	150933	17.601	ug/l 96
3) Chloromethane	1.31	50	175107	18.736	ug/l 99
4) Vinyl Chloride	1.40	62	199272	18.765	ug/l 100
5) Bromomethane	1.63	94	110012	17.232	ug/l 96
6) Chloroethane	1.72	64	113833	19.500	ug/l 99
7) Trichlorofluoromethane	1.92	101	205513	17.976	ug/l 99
8) Diethyl Ether	2.18	74	97613	18.699	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122827	17.857	ug/l 99
10) 1,1-Dichloroethene	2.36	96	126223	17.857	ug/l 99
11) Methyl Iodide	2.50	142	150703	17.267	ug/l 98
12) Methyl Acetate	2.76	43	235984	19.052	ug/l 98
13) Acrolein	2.28	56	110153	83.723	ug/l 99
14) Acrylonitrile	3.13	53	423876	93.064	ug/l 98
15) Acetone	2.43	58	114154	82.752	ug/l 100
16) Carbon Disulfide	2.56	76	337214	17.104	ug/l 99
17) Allyl chloride	2.72	41	232664	17.874	ug/l 97
18) Methylene Chloride	2.84	84	145441	18.135	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	136713	18.097	ug/l 97
20) Diisopropyl ether	3.84	45	463376	18.503	ug/l 88
21) 1,1-Dichloroethane	3.69	63	251764	18.457	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	158183	18.366	ug/l 97
23) tert-Butyl Alcohol	3.03	59	200214	91.341	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	427483	18.273	ug/l 100
25) Chloroform	5.20	83	250360	18.751	ug/l 96
26) Cyclohexane	5.57	56	214408	17.309	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	181284	19.223	ug/l 97
30) 2-Butanone	4.66	43	606333	97.407	ug/l 100
31) 2,2-Dichloropropane	4.57	77	188044	18.412	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	204599	19.519	ug/l 98
33) Carbon Tetrachloride	5.78	117	168285	18.483	ug/l 97
34) Benzene	6.14	78	565041	19.753	ug/l 97
35) Methacrylonitrile	5.03	41	123952	19.940	ug/l 96
36) 1,2-Dichloroethane	6.19	62	202480	20.223	ug/l 100
37) Trichloroethene	7.21	130	146694	19.143	ug/l 95
38) Methylcyclohexane	7.46	83	211468	18.288	ug/l 99
39) 1,2-Dichloropropane	7.51	63	144479	19.534	ug/l 99
40) Dibromomethane	7.65	93	98380	19.987	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1114WBSD01

Manual Integrations
 APPROVED

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 11/15/2019 9:21:10 AM

Quant Time: Nov 15 02:59:56 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	182178	18.959	ug/l	96
42) Vinyl Acetate	3.80	43	1936770	98.826	ug/l	100
43) Ethyl Acetate	4.83	43	230071	20.265	ug/l	99
44) Isopropyl Acetate	6.44	43	349963	19.176	ug/l	100
45) 1,4-Dioxane	7.73	88	80915	401.596	ug/l	98
46) Methyl methacrylate	7.76	41	173953	19.162	ug/l	95
47) n-amyl Acetate	10.89	43	299230	18.693	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	196436	18.231	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	224469	19.013	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	145986	20.042	ug/l	96
51) Ethyl methacrylate	9.17	69	227747	18.991	ug/l	98
52) 1,3-Dichloropropane	9.37	76	245982	19.755	ug/l	99
53) Dibromochloromethane	9.57	129	144089	18.665	ug/l	98
54) 1,2-Dibromoethane	9.67	107	151626	19.468	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	470426	91.804	ug/l	99
56) Bromoform	10.86	173	110211	17.940	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1166757	101.481	ug/l	100
59) 2-Hexanone	9.48	43	900645	99.004	ug/l	100
61) Tetrachloroethene	9.33	164	131938	19.441	ug/l	98
62) Toluene	8.78	91	603559	19.688	ug/l	100
64) Chlorobenzene	10.14	112	377945	19.717	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	135840	18.932	ug/l	99
66) Ethyl Benzene	10.25	91	652096	19.362	ug/l	99
67) m/p-Xylenes	10.36	106	493794	38.009	ug/l	98
68) o-Xylene	10.70	106	244335	19.488	ug/l	96
69) Styrene	10.71	104	404529	18.895	ug/l	99
70) Isopropylbenzene	11.01	105	636607	19.269	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	234952	19.862	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	187330m	18.755	ug/l	
73) Bromobenzene	11.25	156	168118	19.296	ug/l	97
74) n-propylbenzene	11.35	91	708545	18.872	ug/l	100
75) 2-Chlorotoluene	11.42	91	428698	19.201	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	518976	18.689	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	70345	17.418	ug/l	92
78) 4-Chlorotoluene	11.51	91	475308	18.581	ug/l	99
79) tert-butylbenzene	11.76	119	531575	18.973	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	521912	18.860	ug/l	100
81) sec-Butylbenzene	11.94	105	599716	18.760	ug/l	100
82) p-Isopropyltoluene	12.06	119	544494	18.487	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	280524	18.314	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	281375	18.506	ug/l	100
85) n-Butylbenzene	12.39	91	449207	17.671	ug/l	99
86) Hexachloroethane	12.59	117	93799	17.355	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	288340	18.825	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	49110	18.564	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	186508	17.660	ug/l	99
90) Hexachlorobutadiene	13.78	225	92472	18.273	ug/l	99
91) Naphthalene	13.83	128	607986	18.182	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	192136	18.002	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

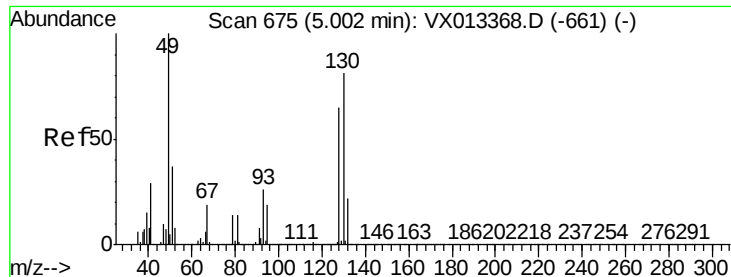
Manual Integrations
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11/15/2019 9:21:10 AM

Quant Time: Nov 15 02:59:56 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
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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

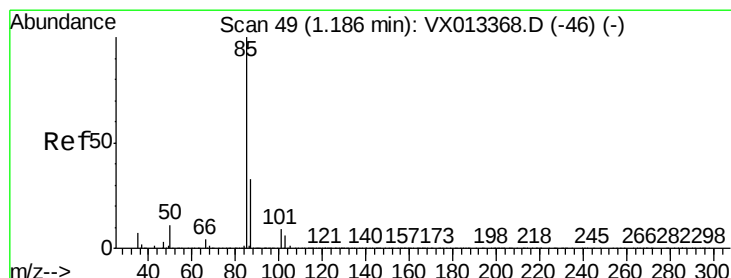
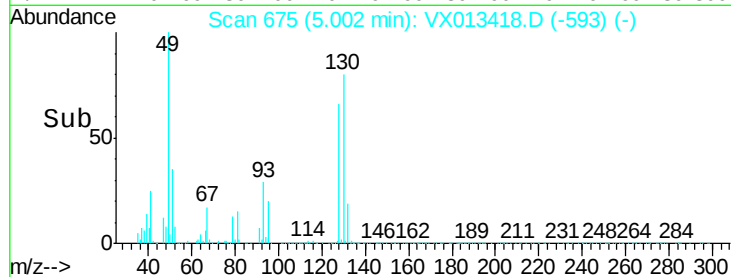
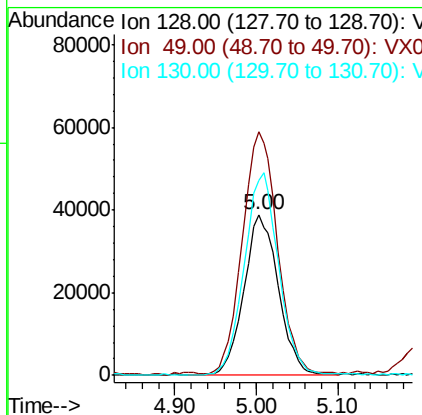
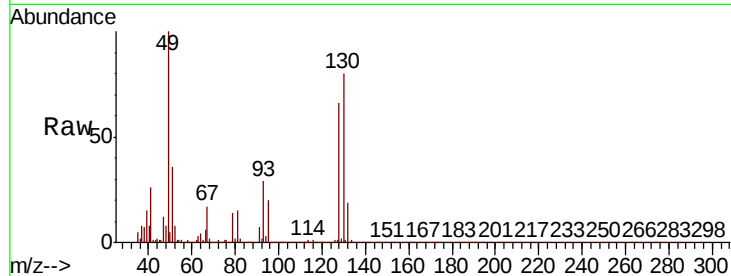
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	152.8	0.0	388.3
130	125.7	0.0	318.5

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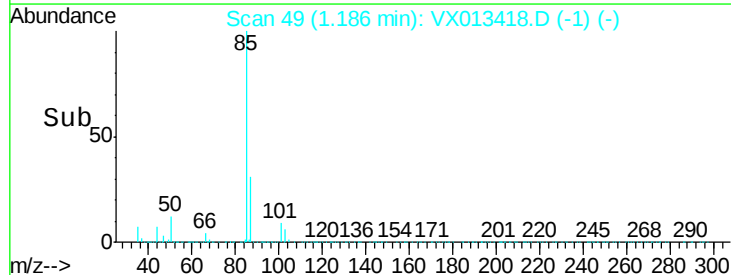
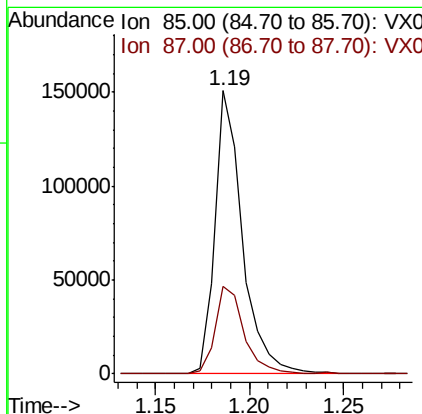
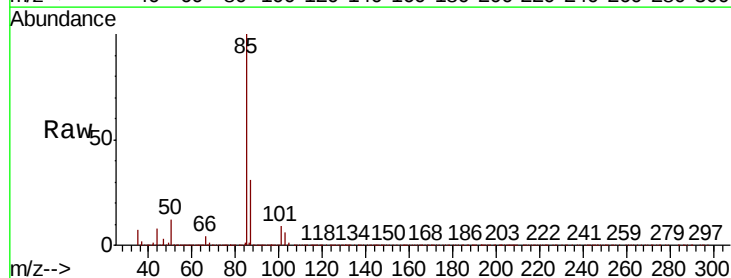
MMDadoda
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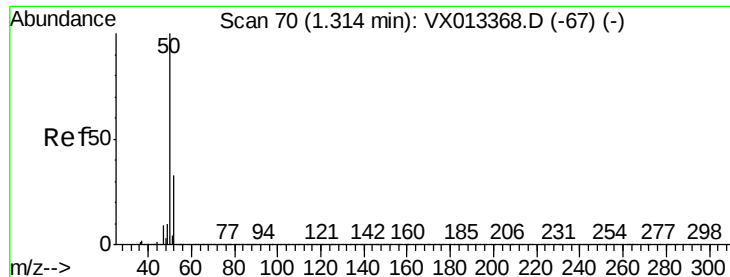


#2

Dichlorodifluoromethane
Concen: 17.601 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.6	49.7





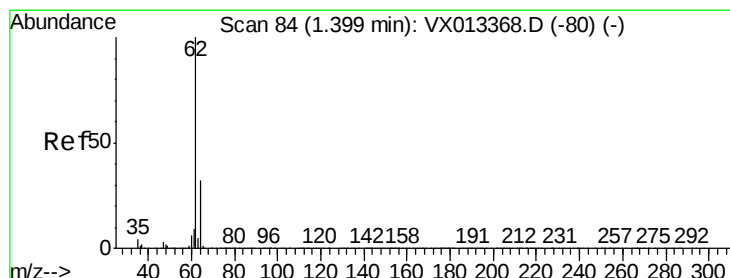
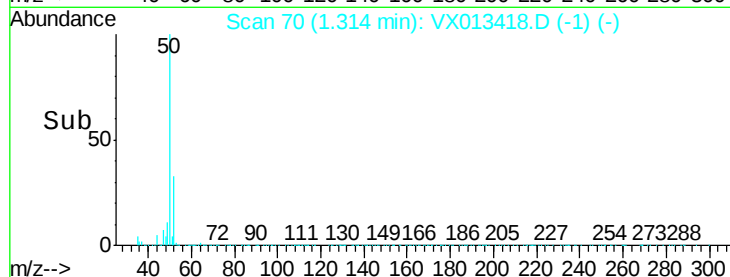
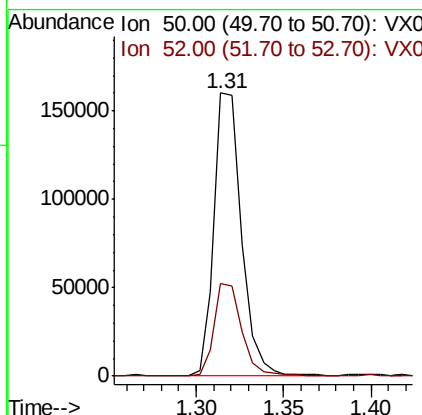
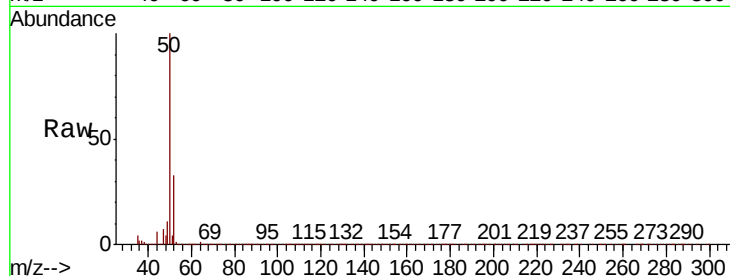
#3
Chloromethane
Concen: 18.736 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.6	40.0

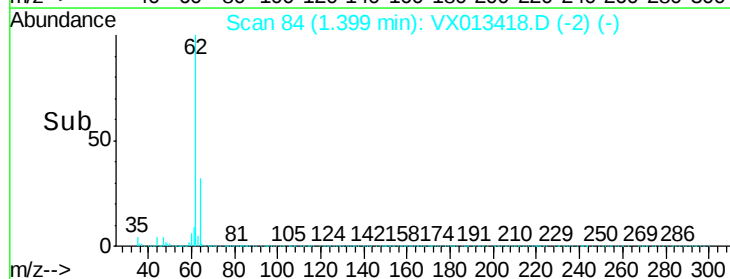
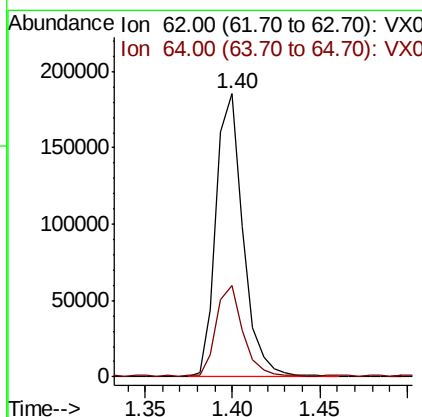
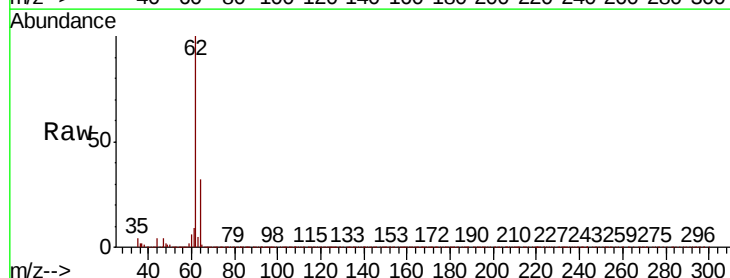
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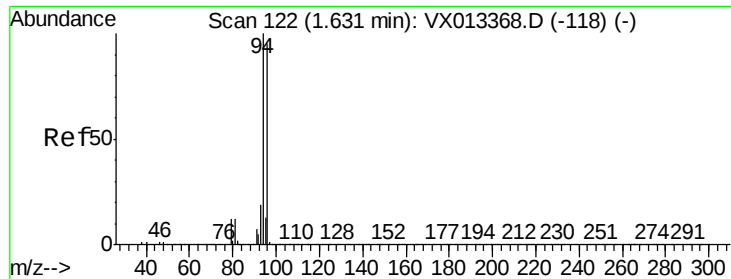
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#4
Vinyl Chloride
Concen: 18.765 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.4	38.2





#5

Bromomethane

Concen: 17.232 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 94 Resp: 110012

Ion Ratio Lower Upper

94 100

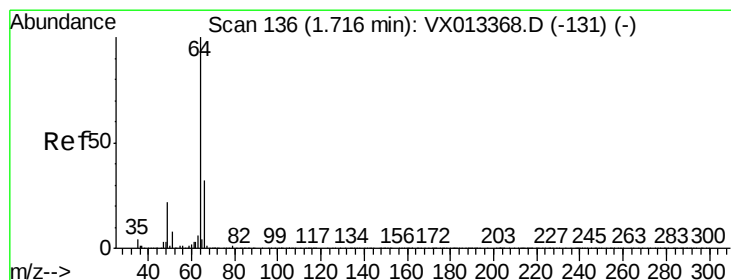
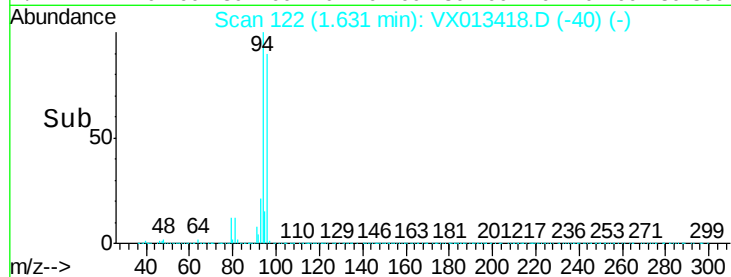
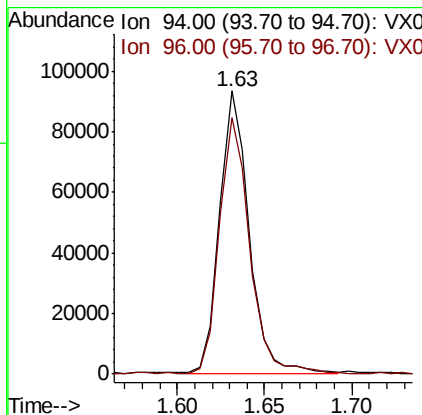
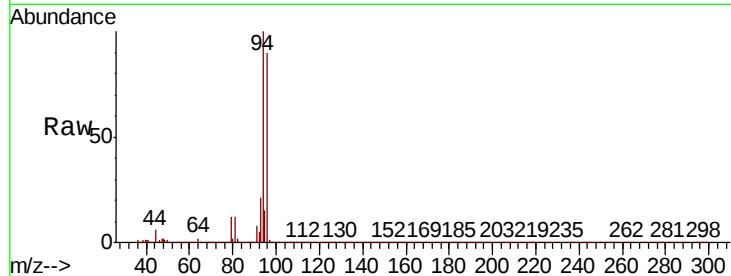
96 90.6 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 19.500 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013418.D

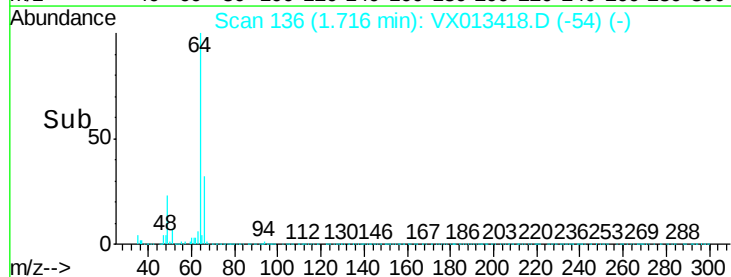
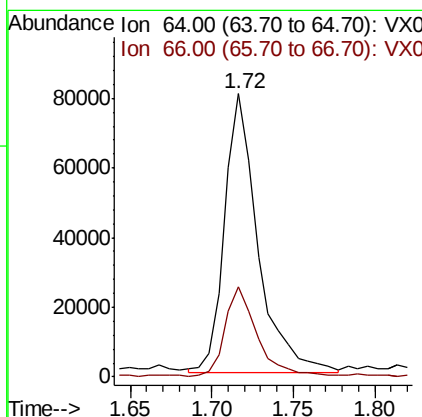
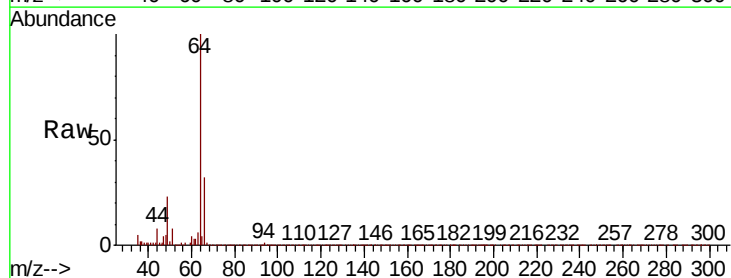
Acq: 14 Nov 2019 13:39

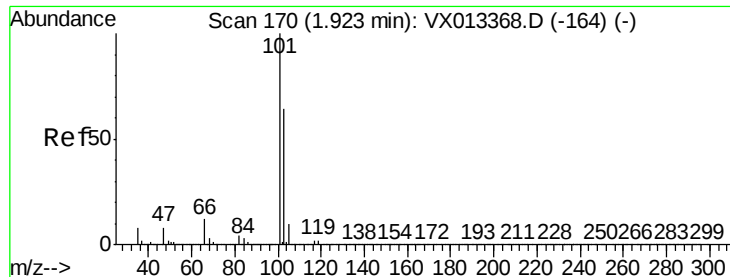
Tgt Ion: 64 Resp: 113833

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3





#7

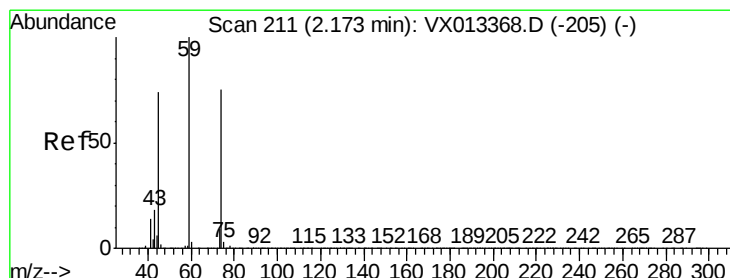
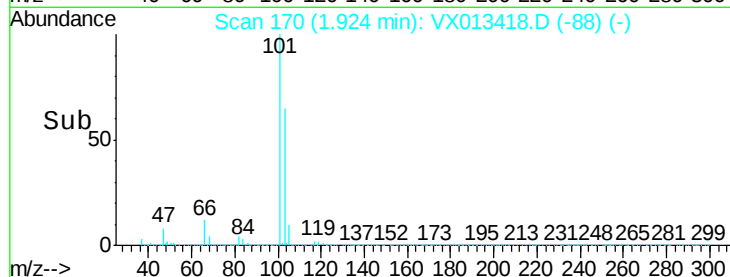
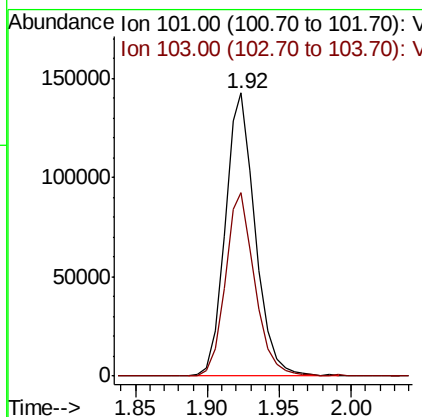
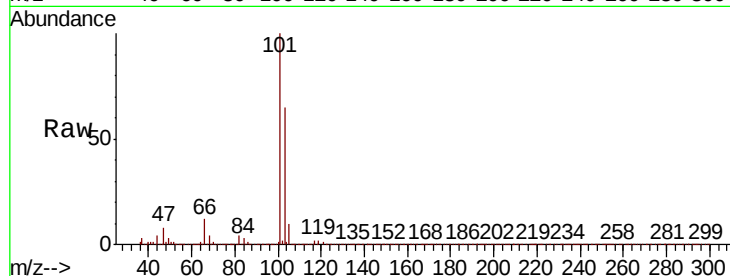
Trichlorofluoromethane
Concen: 17.976 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.2	76.8

Manual Integrations
APPROVED

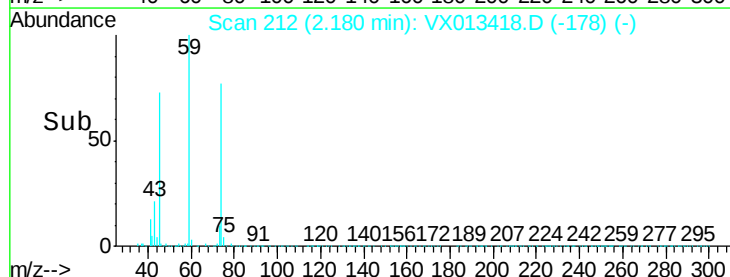
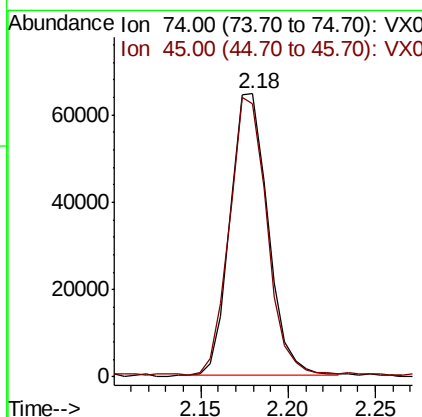
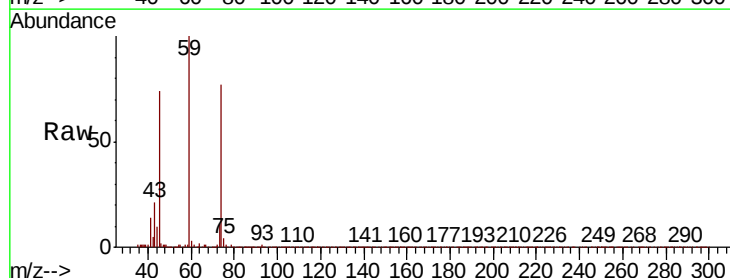
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11/15/2019 9:21:10 AM

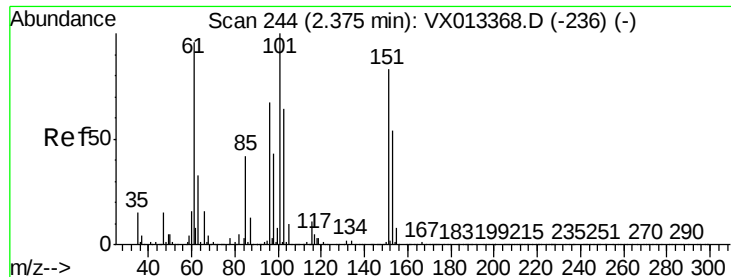


#8

Diethyl Ether
Concen: 18.699 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.857 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

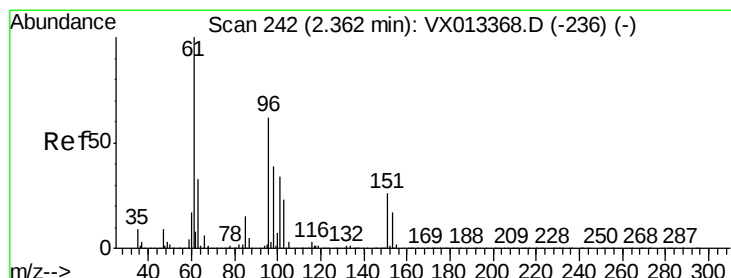
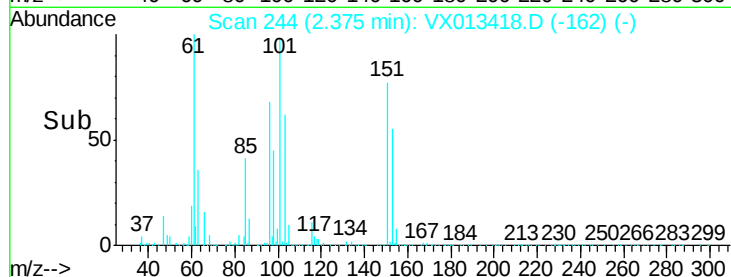
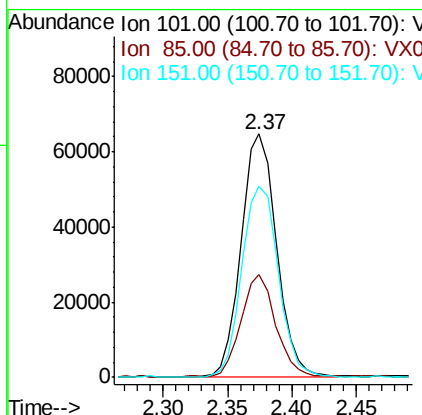
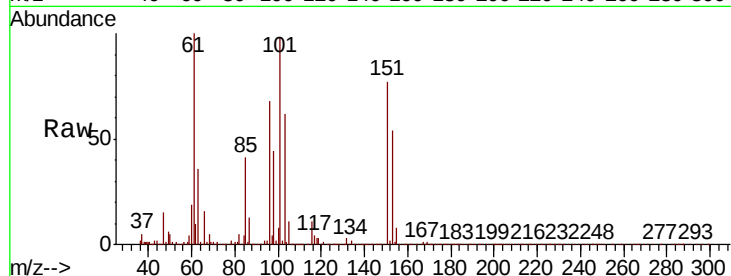
ClientSampleId :

VX1114WBSD01

Tot Ion:	101	Resp:	122827
Ion Ratio	Lower	Upper	
101	100		
85	40.5	0.0	83.2
151	81.1	0.0	163.8

Manual Integrations
APPROVED

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11/15/2019 9:21:10 AM



#10

1,1-Dichloroethene

Concen: 17.857 ug/l

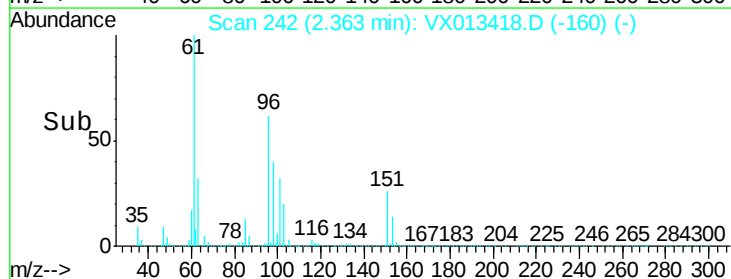
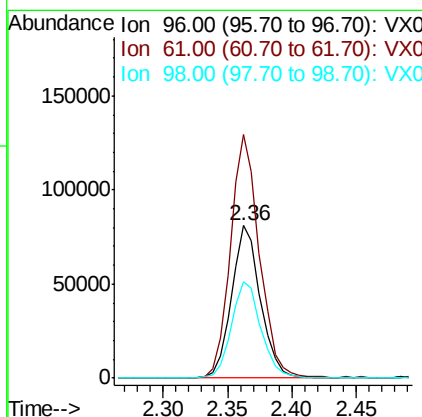
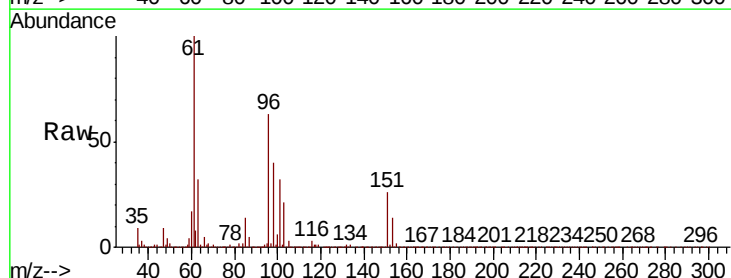
RT: 2.36 min Scan# 242

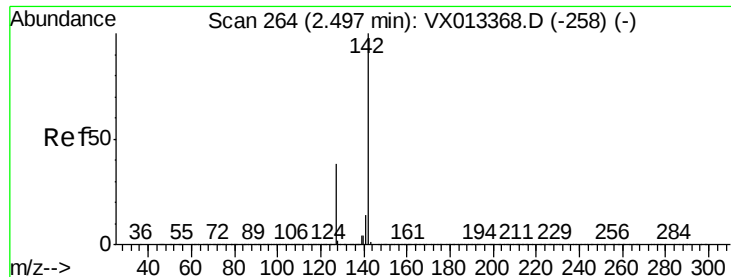
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	96	Resp:	126223
Ion Ratio	Lower	Upper	
96	100		
61	159.9	128.9	193.3
98	63.3	49.7	74.5





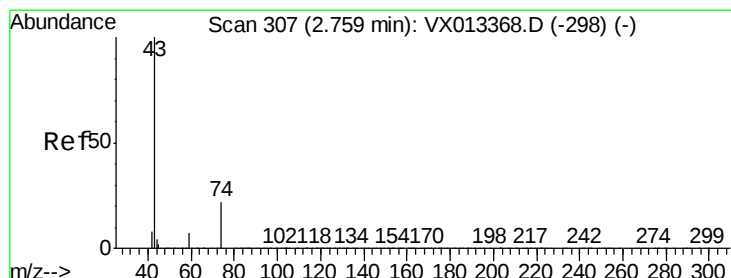
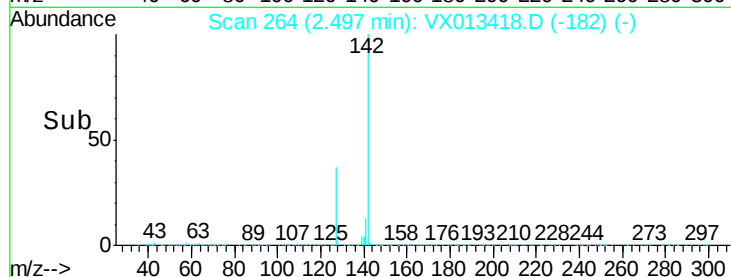
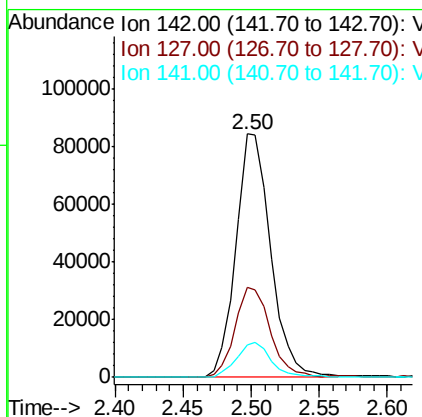
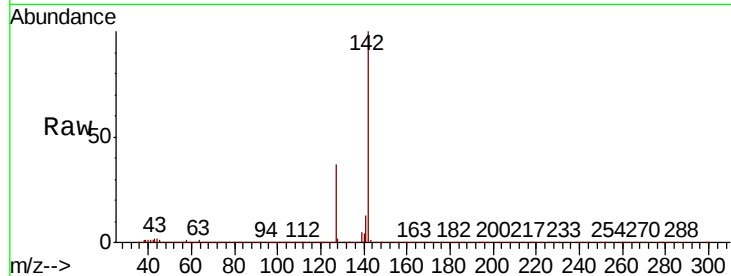
#11
Methvl Iodide
Concen: 17.267 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.9	19.1	57.5
141	13.4	7.0	21.0

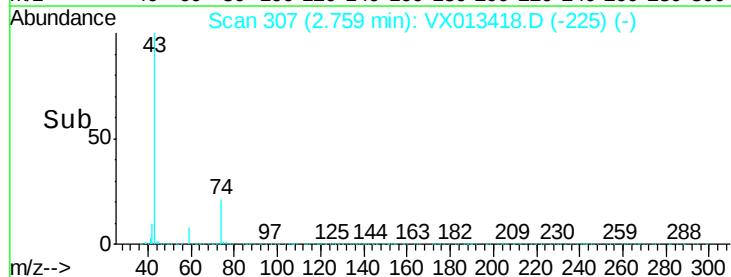
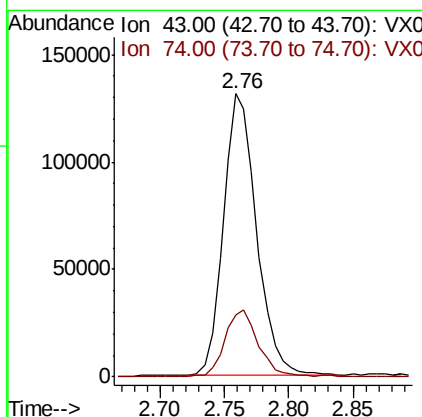
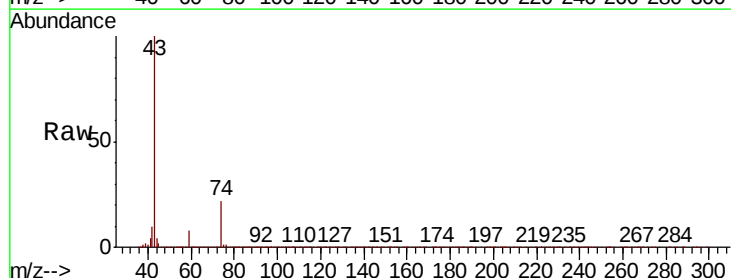
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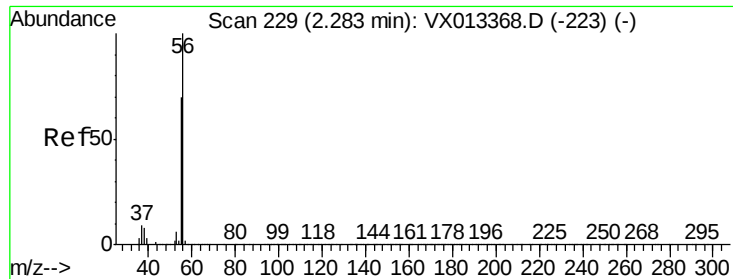
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#12
Methyl Acetate
Concen: 19.052 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	18.0	27.0





#13

Acrolein

Concen: 83.723 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 56 Resp: 110153

Ion Ratio Lower Upper

56 100

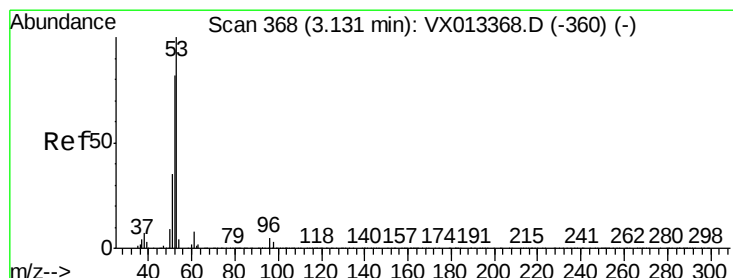
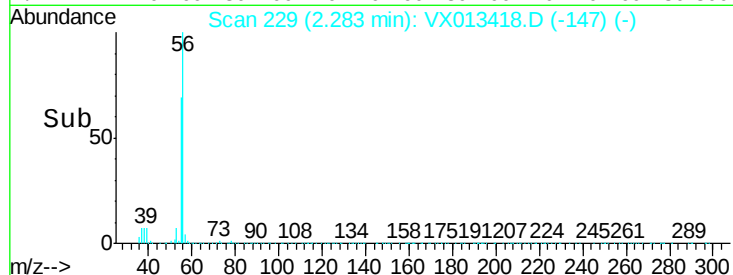
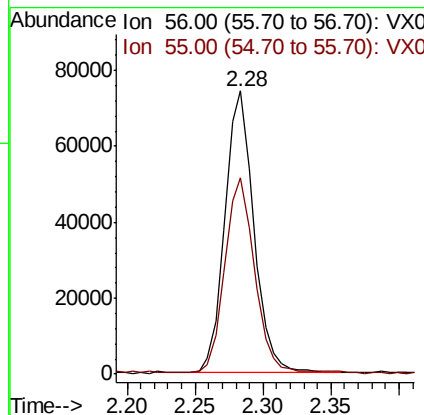
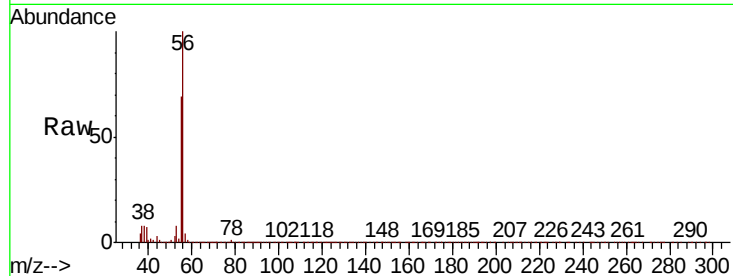
55 70.6 55.8 83.8

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#14

Acrylonitrile

Concen: 93.064 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

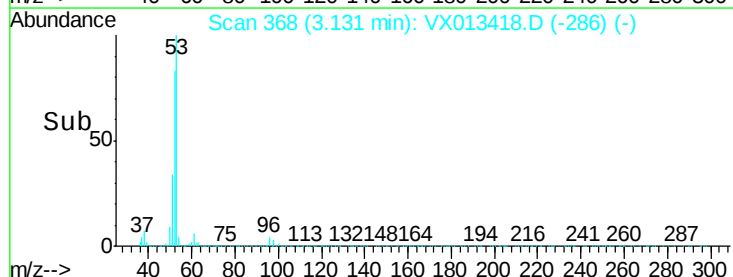
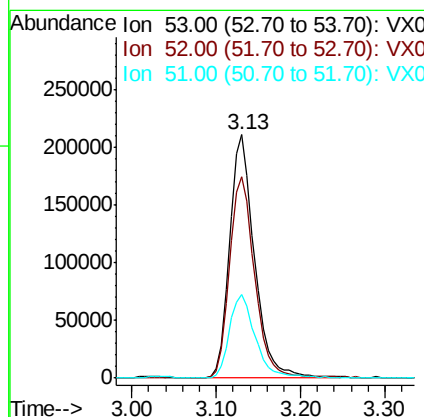
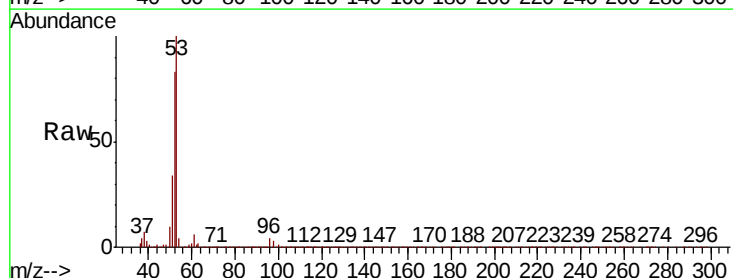
Tgt Ion: 53 Resp: 423876

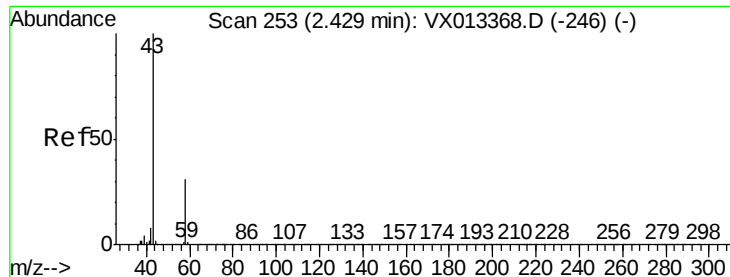
Ion Ratio Lower Upper

53 100

52 83.5 41.0 123.0

51 35.7 17.3 51.9





#15

Acetone

Concen: 82.752 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 58 Resp: 114154

Ion Ratio Lower Upper

58 100

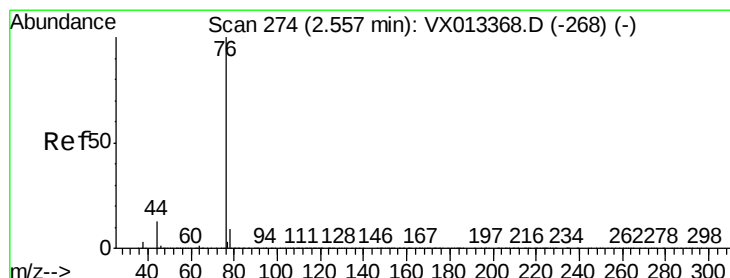
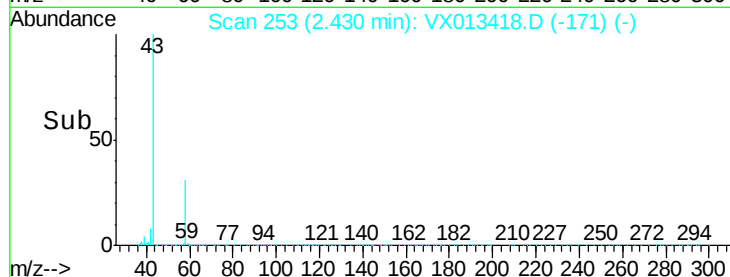
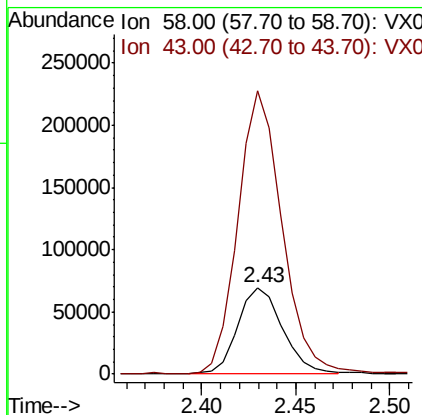
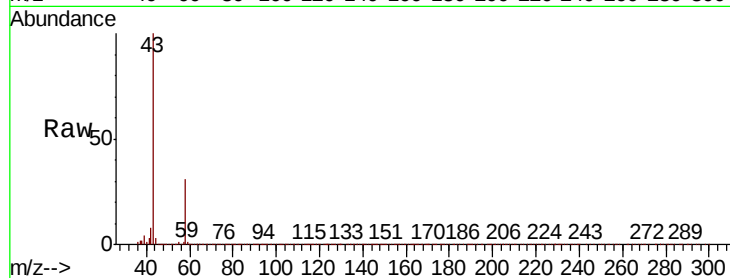
43 326.1 261.4 392.2

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#16

Carbon Disulfide

Concen: 17.104 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013418.D

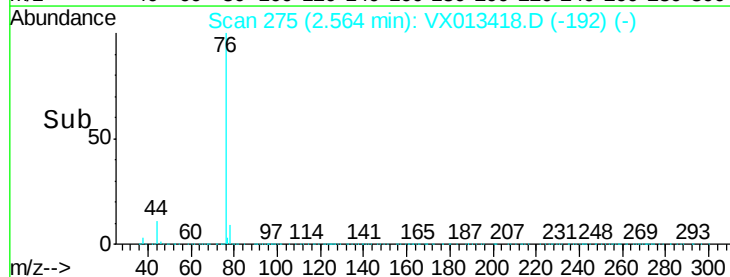
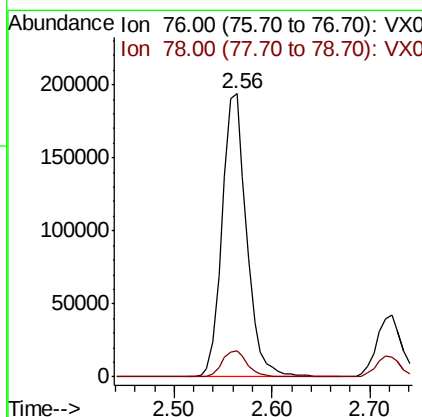
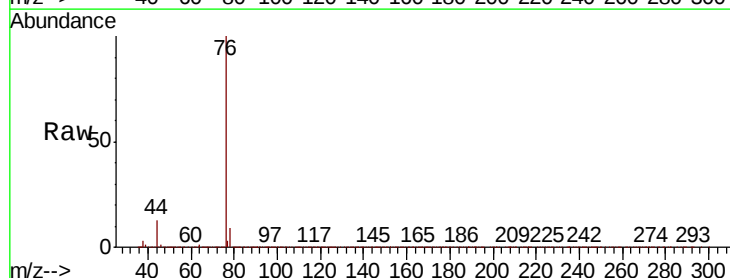
Acq: 14 Nov 2019 13:39

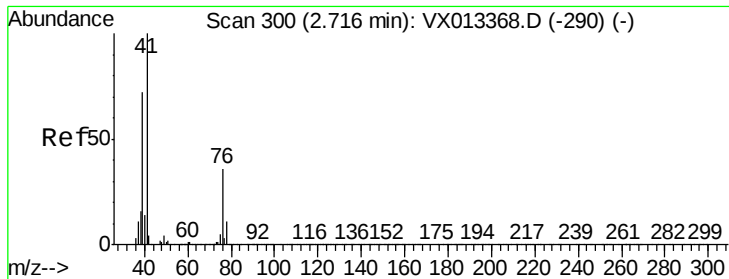
Tgt Ion: 76 Resp: 337214

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





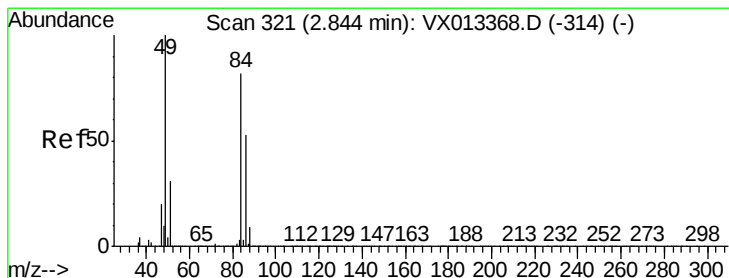
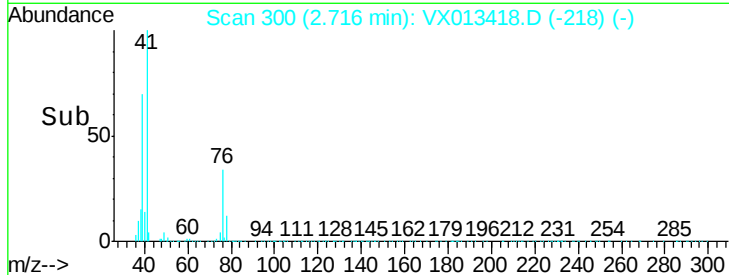
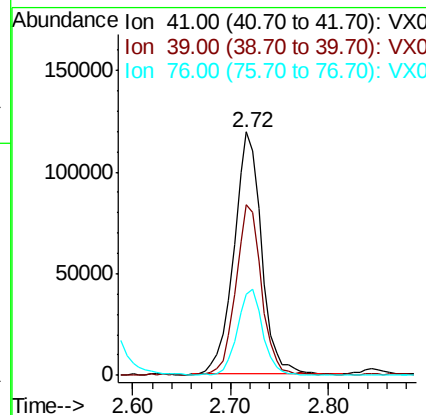
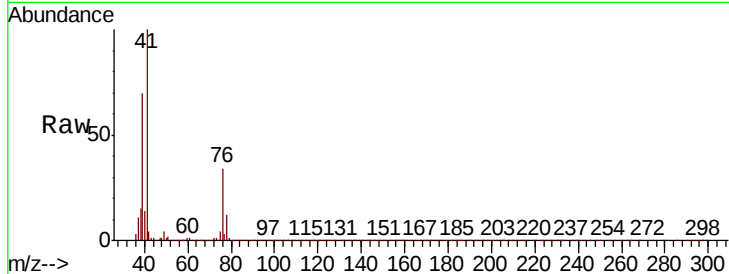
#17
Allvl chloride
Concen: 17.874 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	232664		
39	70.4	36.1	108.3	
76	33.4	18.1	54.4	

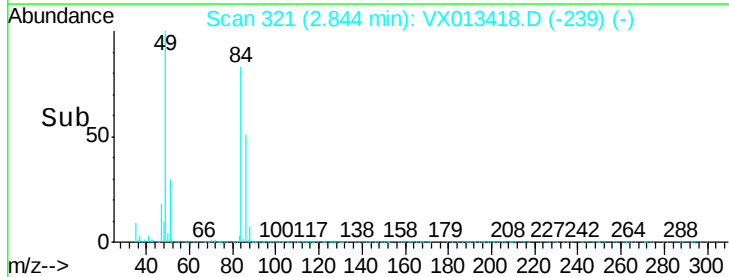
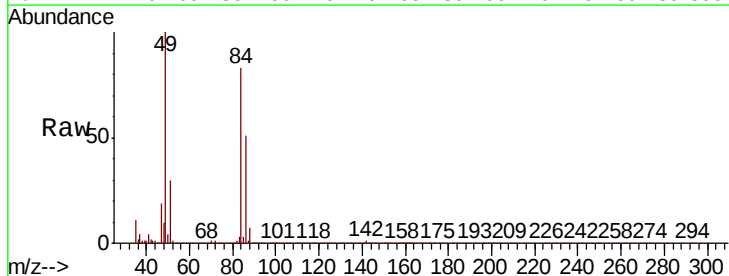
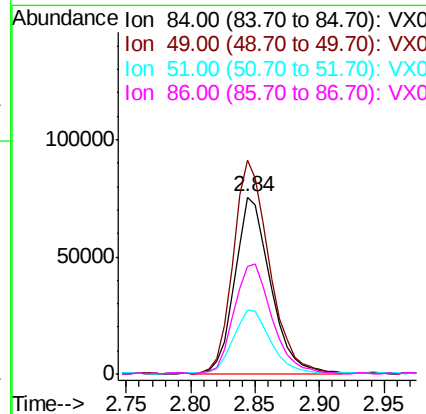
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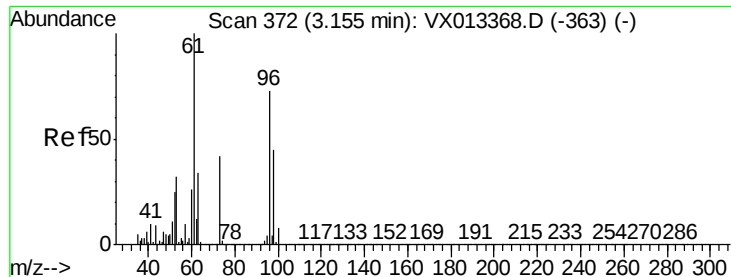
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#18
Methylene Chloride
Concen: 18.135 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	145441		
49	120.7	96.8	145.2	
51	36.2	30.0	45.0	
86	61.2	51.7	77.5	





#19

trans-1,2-Dichloroethene

Concen: 18.097 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

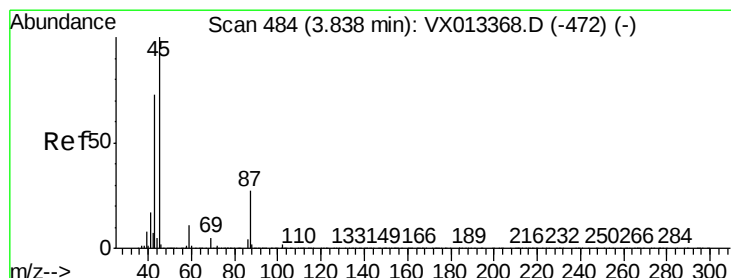
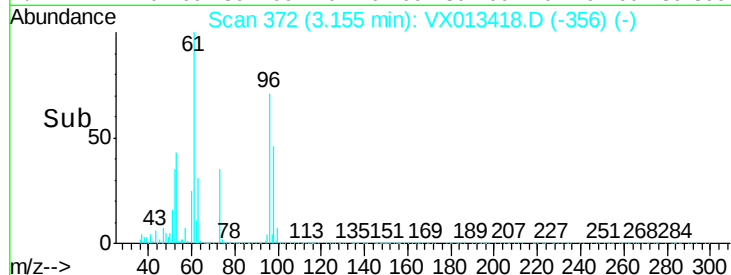
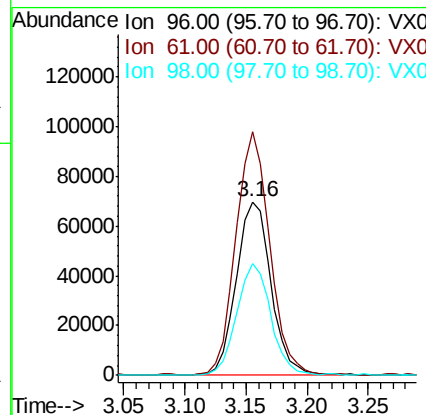
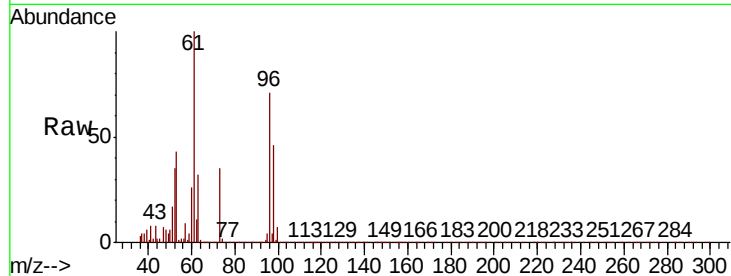
ClientSampleId :

VX1114WBSD01

Tot Ion:	96	Resp:	136713
Ion	Ratio	Lower	Upper
96	100		
61	140.1	109.9	164.9
98	64.6	49.7	74.5

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#20

Diisopropyl ether

Concen: 18.503 ug/l

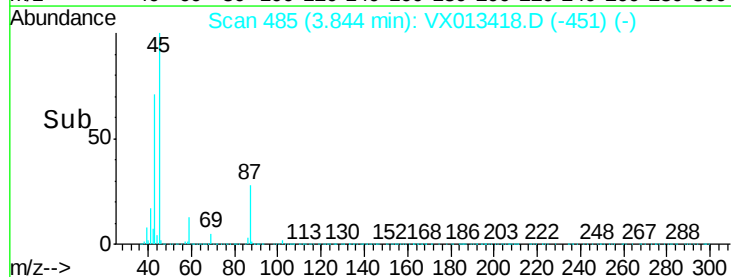
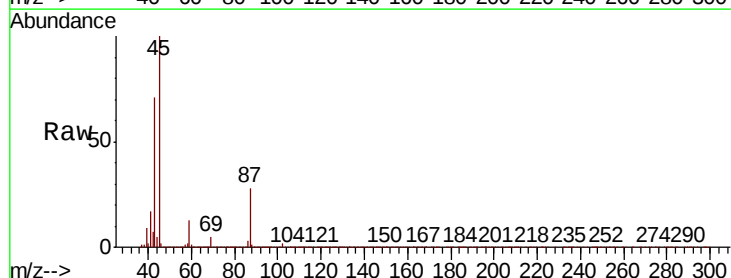
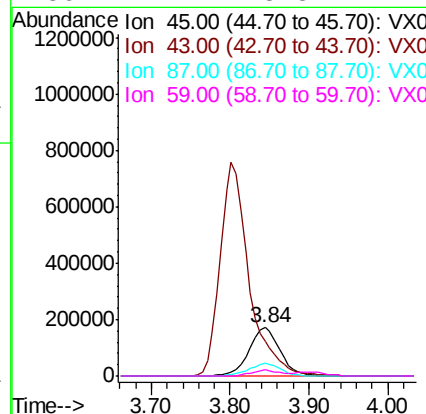
RT: 3.84 min Scan# 485

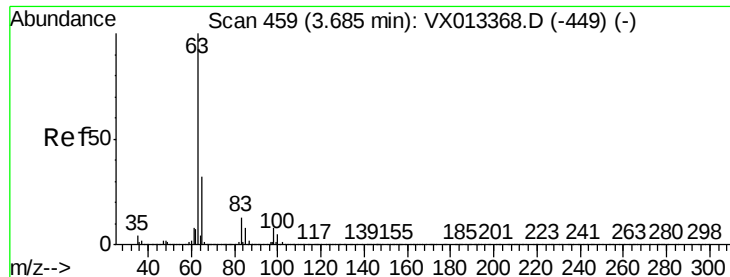
Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	45	Resp:	463376
Ion	Ratio	Lower	Upper
45	100		
43	70.4	67.7	101.5
87	27.7	21.5	32.3
59	12.4	8.5	12.7





#21

1,1-Dichloroethane

Concen: 18.457 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

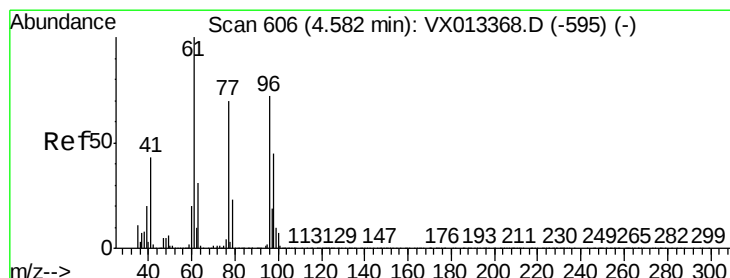
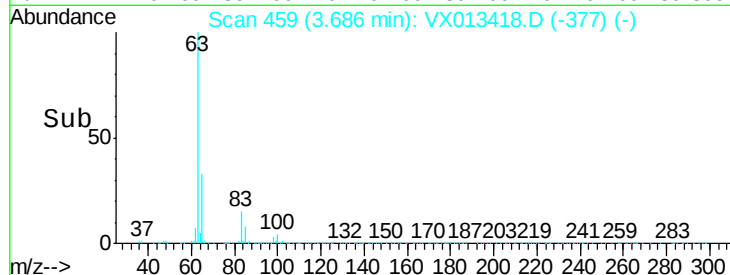
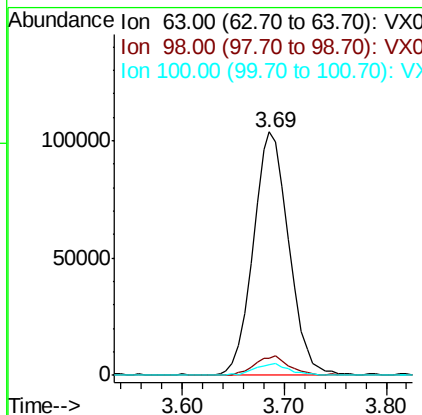
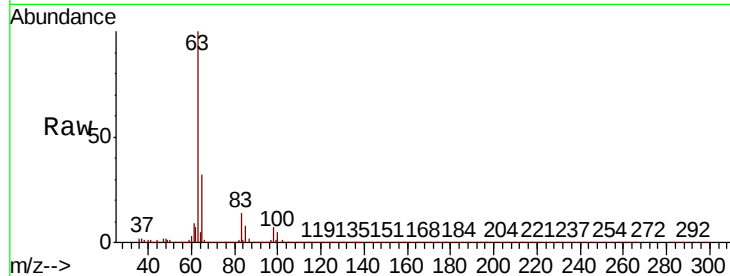
ClientSampleId :

VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.7	4.0	11.9
100	4.5	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 18.366 ug/l

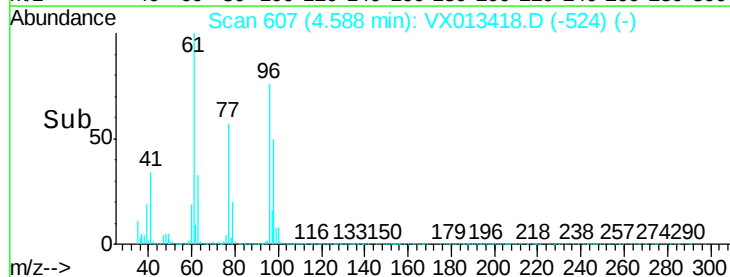
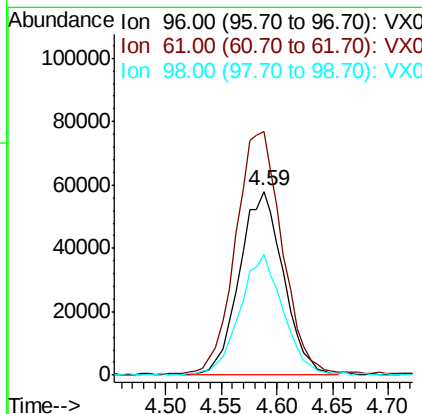
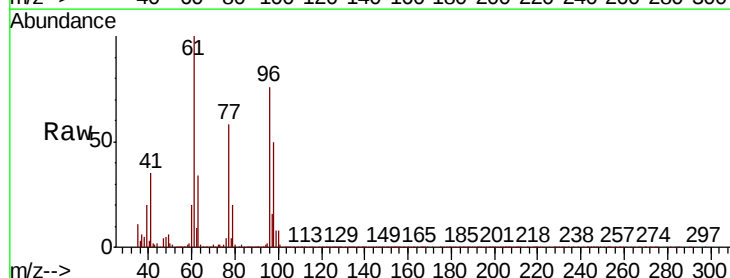
RT: 4.59 min Scan# 607

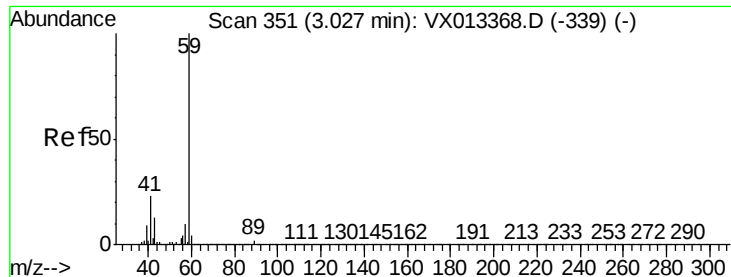
Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.1	117.0	175.6
98	64.1	51.1	76.7





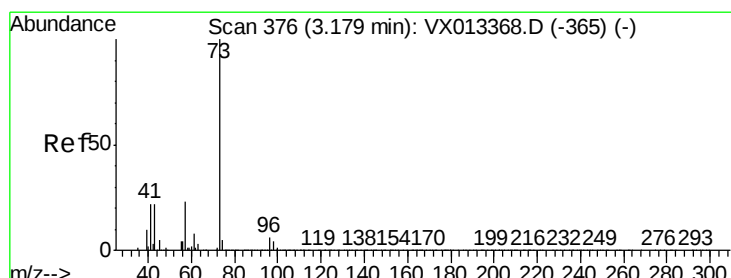
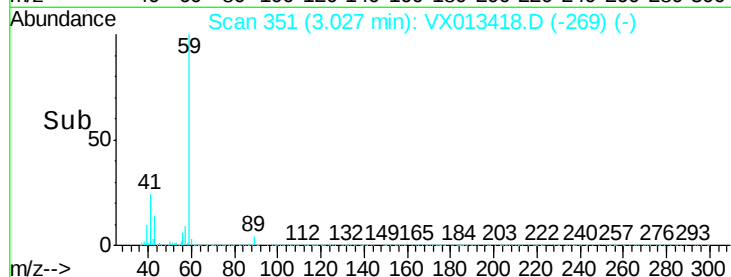
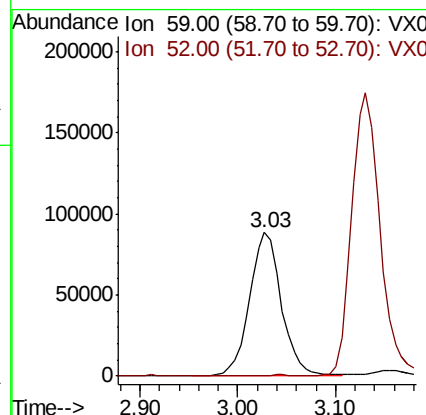
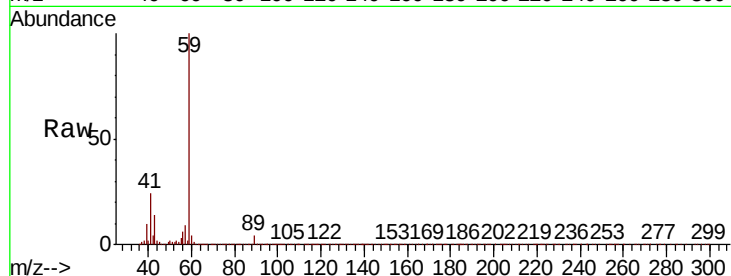
#23
tert-Butyl Alcohol
Concen: 91.341 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

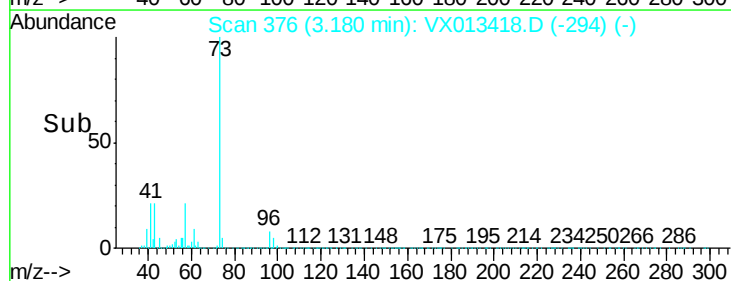
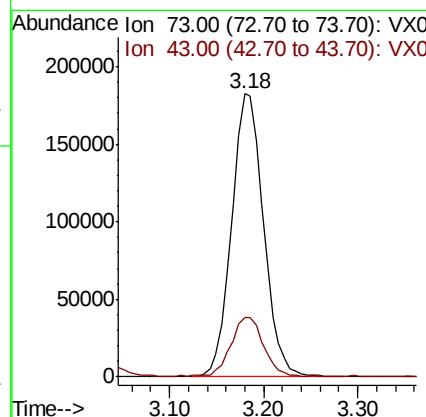
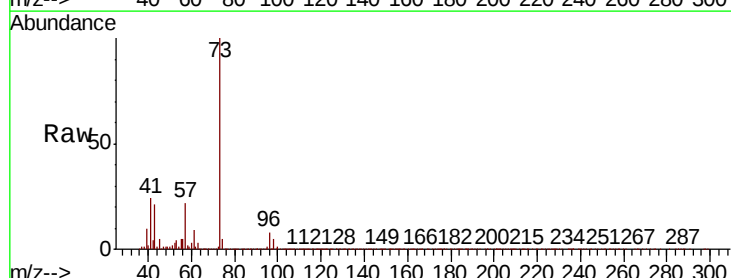
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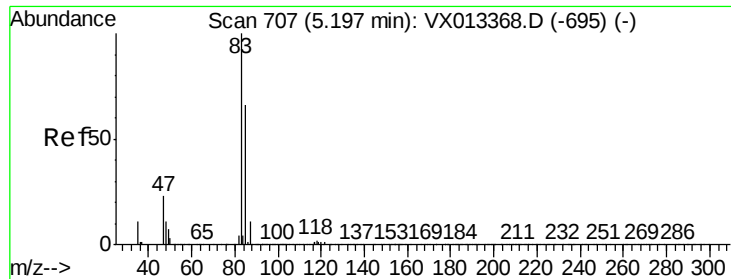
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#24
Methyl tert-Butyl Ether
Concen: 18.273 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.0	25.6





#25

Chloroform

Concen: 18.751 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 83 Resp: 250360

Ion Ratio Lower Upper

83 100

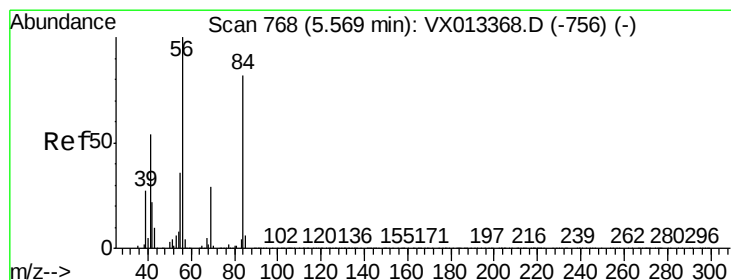
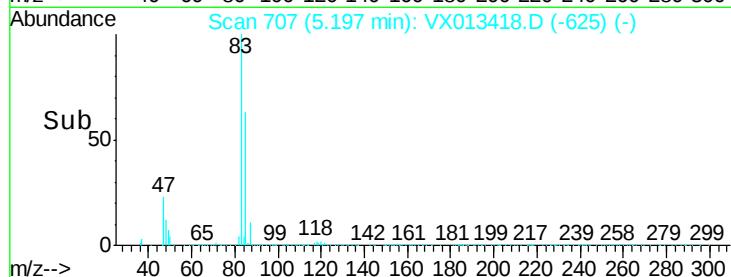
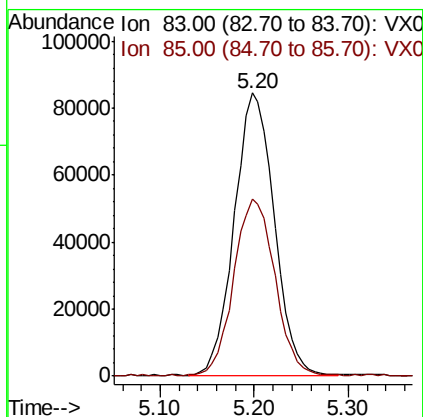
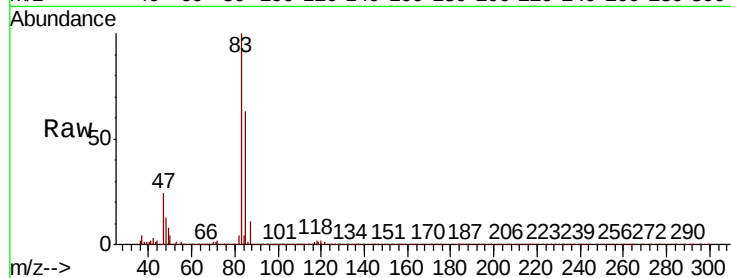
85 62.4 52.4 78.6

Manual Integrations

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#26

Cyclohexane

Concen: 17.309 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

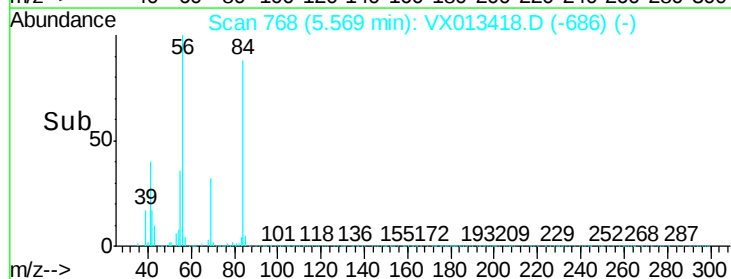
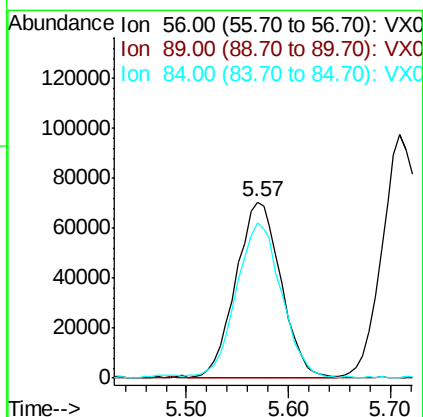
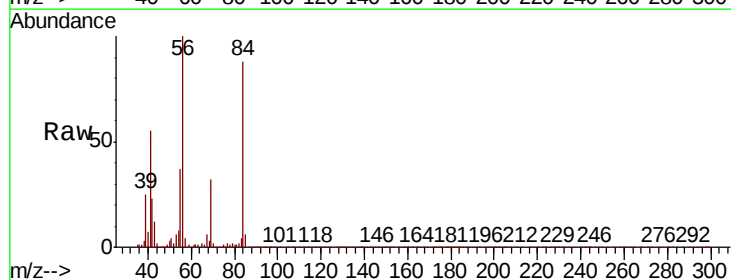
Tgt Ion: 56 Resp: 214408

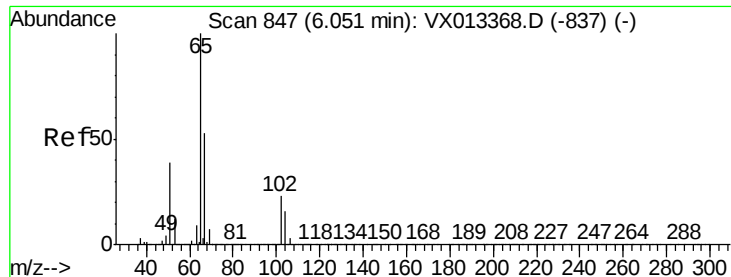
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 88.4 70.5 105.7





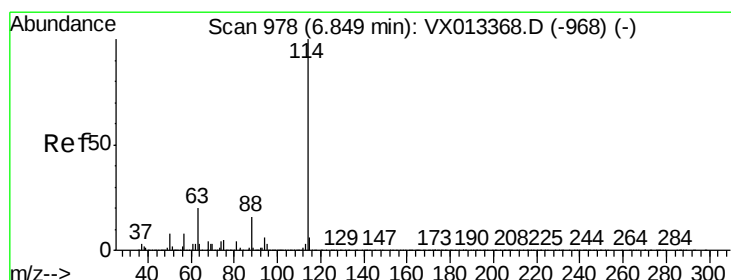
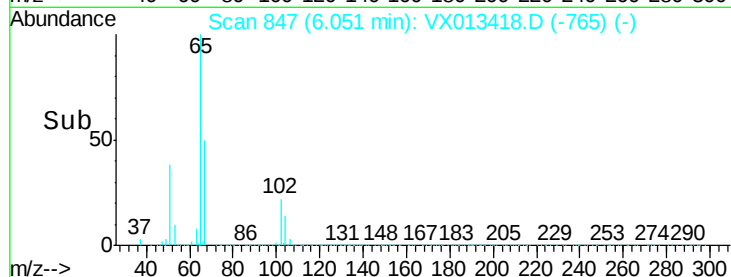
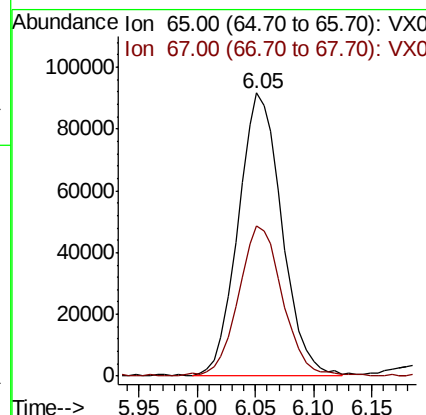
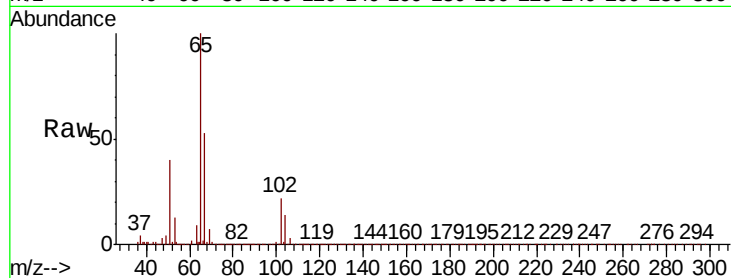
#27
 1,2-Dichloroethane-d4
 Concen: 28.019 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.0	61.6

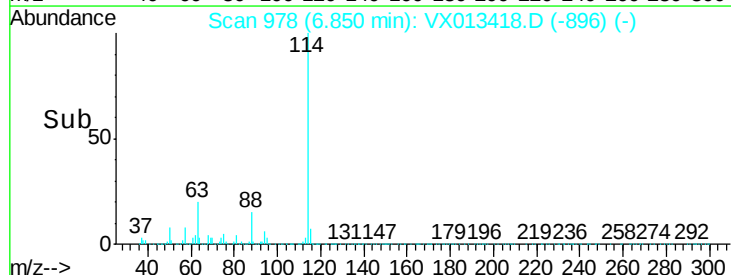
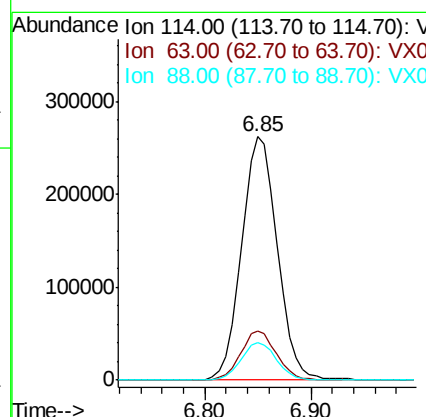
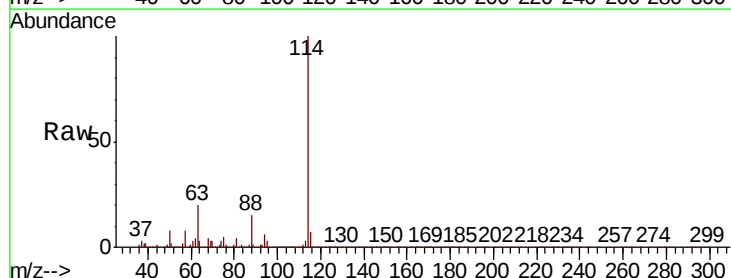
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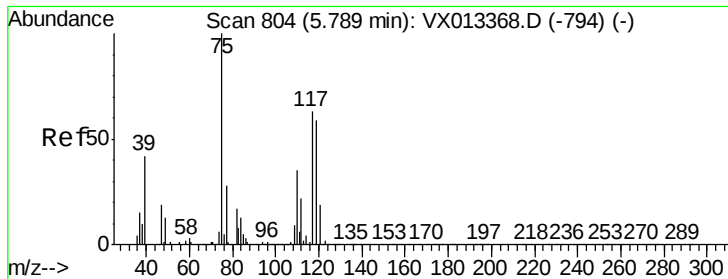
MMDadoda
 11/15/2019 9:21:10 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.5	12.3	18.5





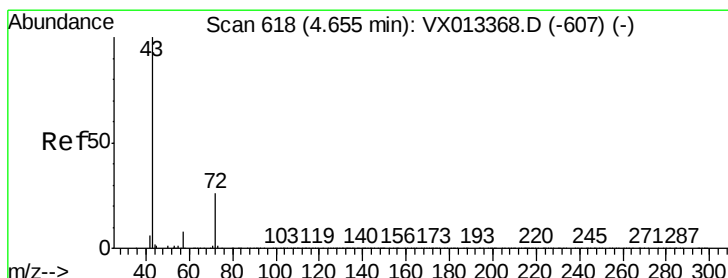
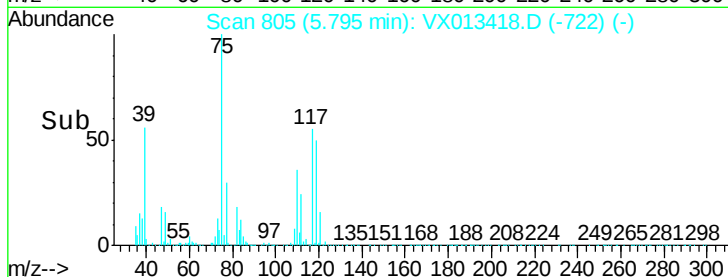
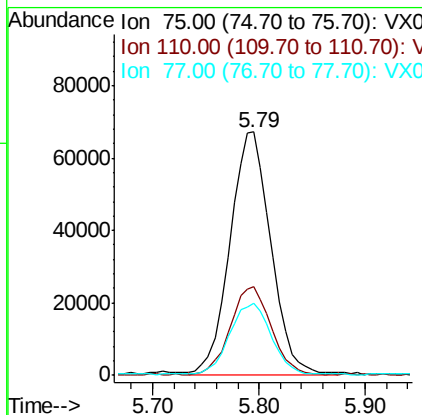
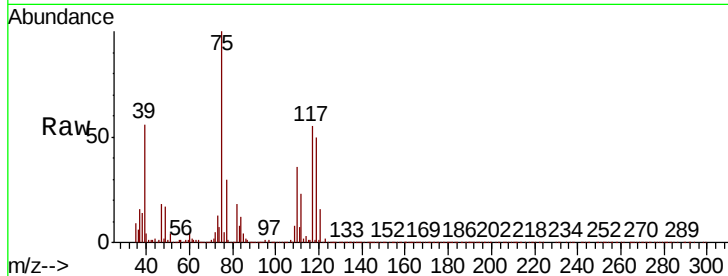
#29
 1,1-Dichloropropene
 Concen: 19.223 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	74.6
77	29.6	0.0	62.6

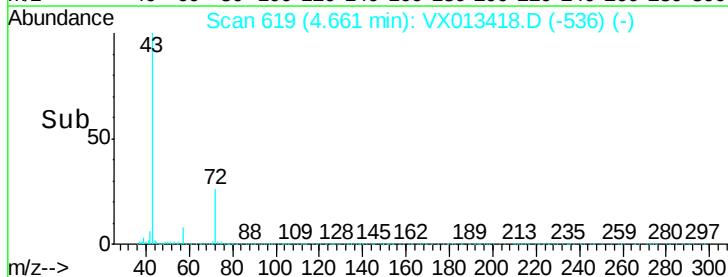
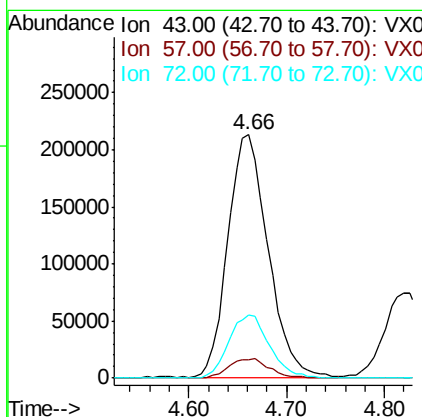
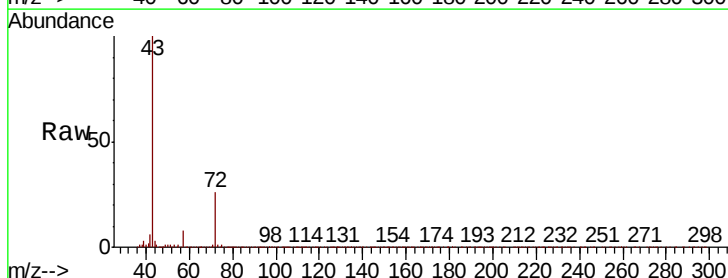
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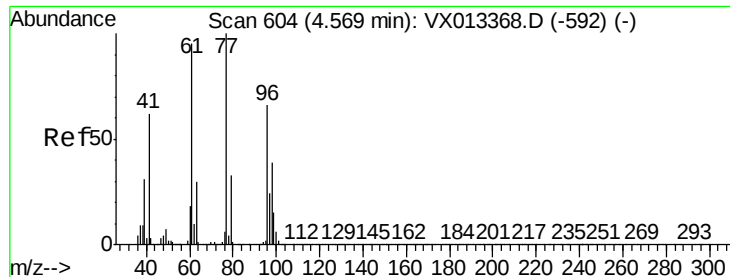
MMDadoda
 11/15/2019 9:21:10 AM



#30
 2-Butanone
 Concen: 97.407 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.1	9.1
72	25.5	20.5	30.7





#31

2,2-Dichloropropane

Concen: 18.412 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 77 Resp: 188044

Ion Ratio Lower Upper

77 100

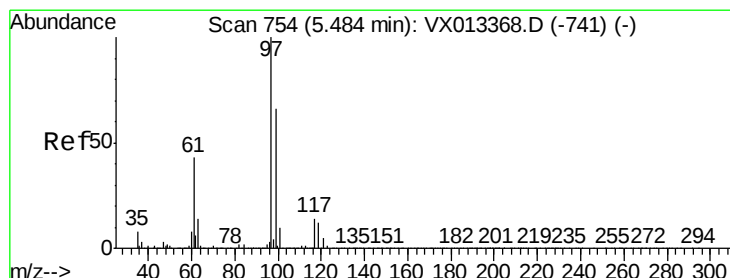
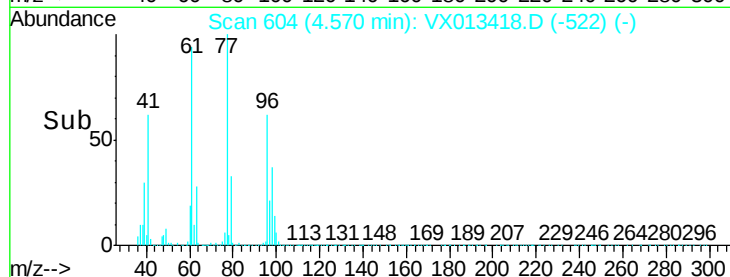
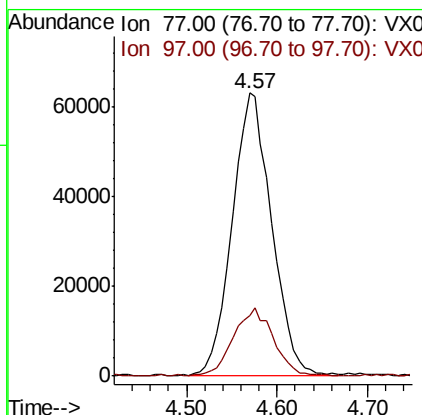
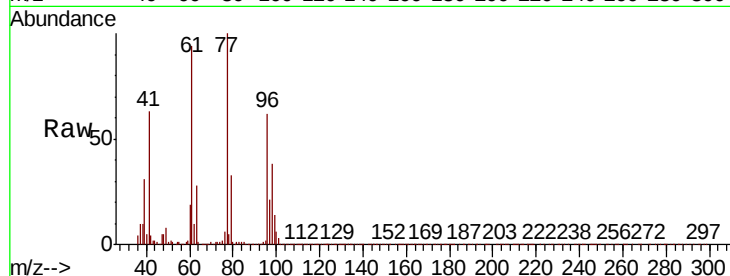
97 24.7 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 19.519 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

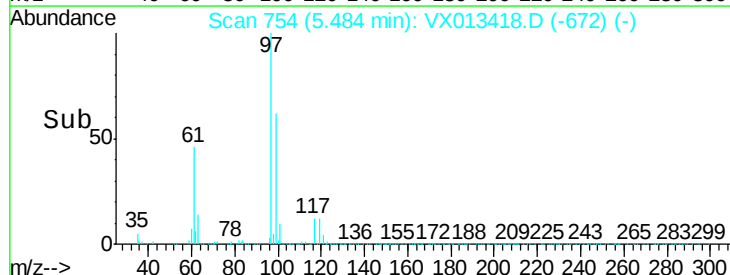
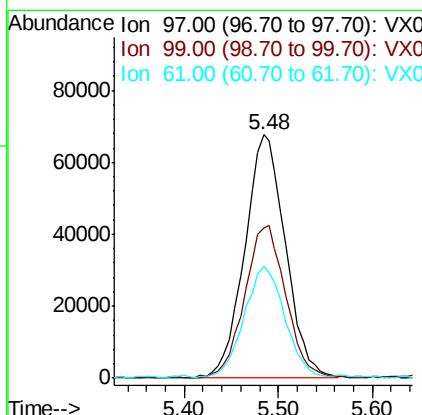
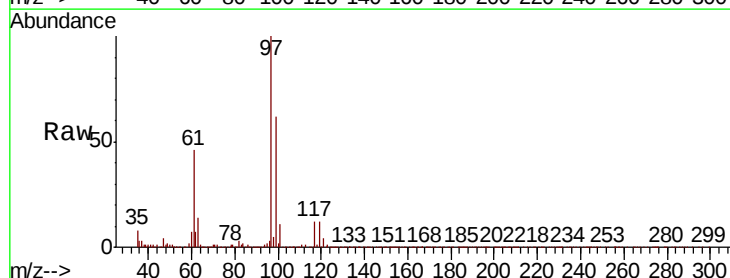
Tgt Ion: 97 Resp: 204599

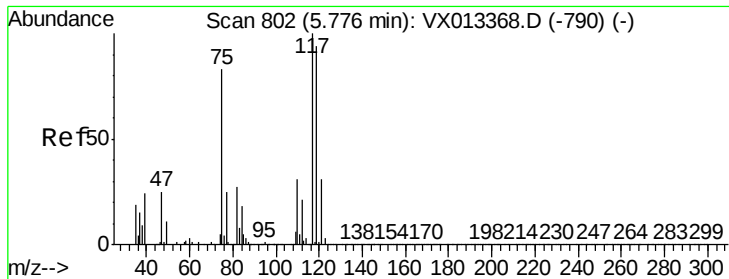
Ion Ratio Lower Upper

97 100

99 63.0 52.5 78.7

61 45.6 36.1 54.1





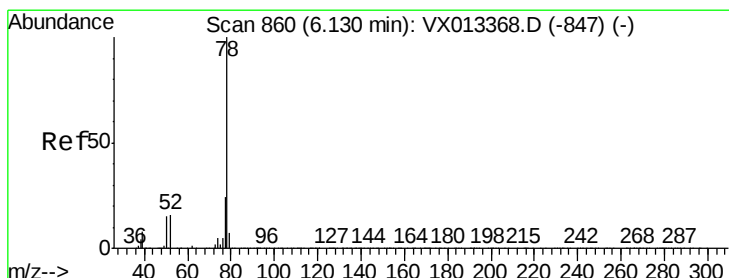
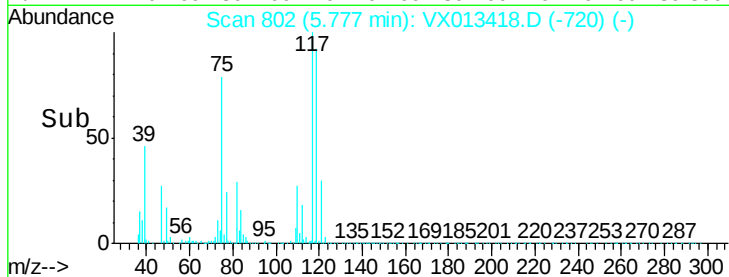
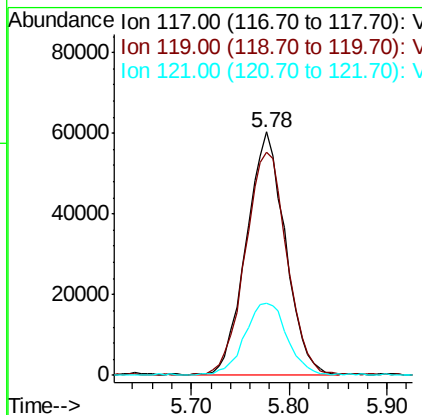
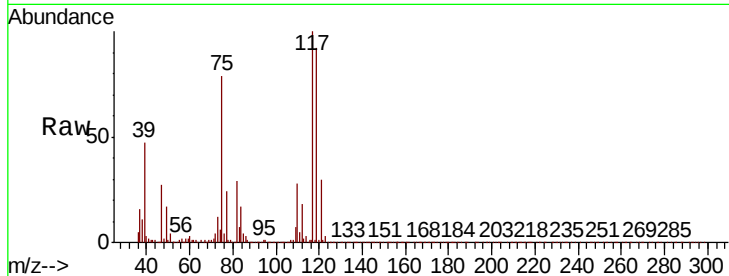
#33
Carbon Tetrachloride
Concen: 18.483 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.0	112.6
121	29.2	24.9	37.3

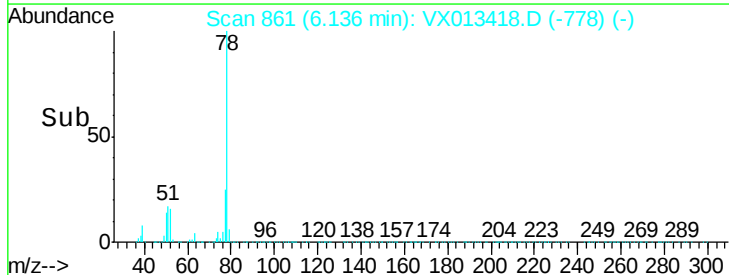
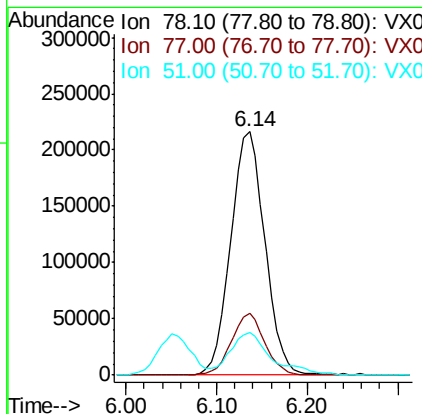
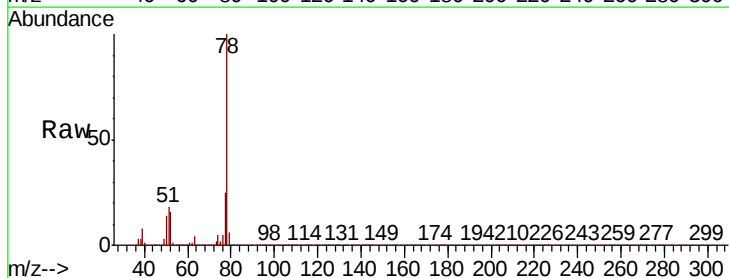
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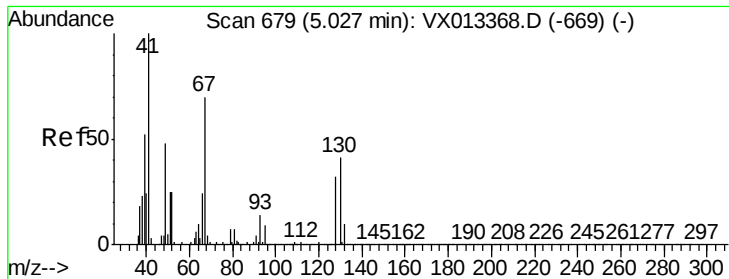
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#34
Benzene
Concen: 19.753 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.3	28.9
51	17.3	12.2	18.4





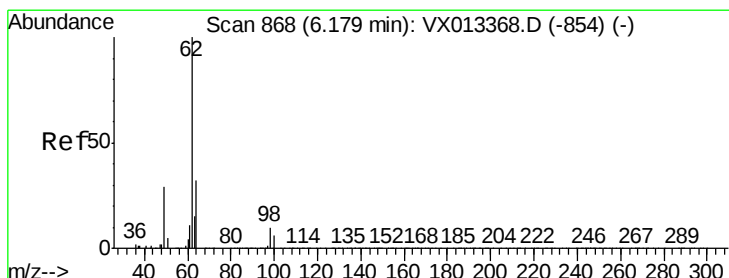
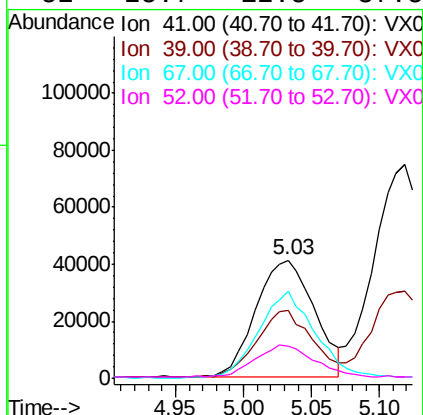
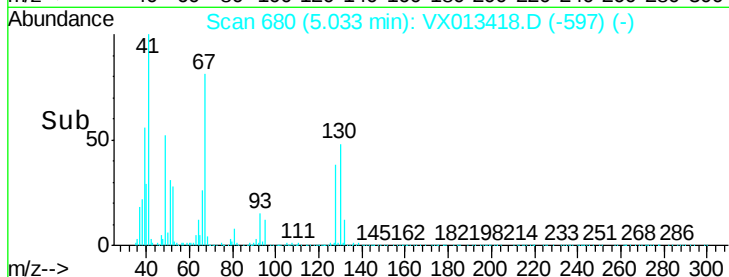
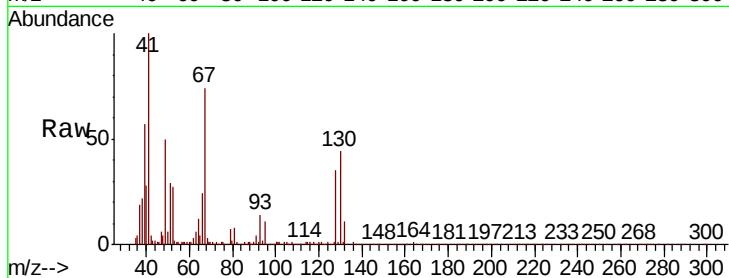
#35
Methacrylonitrile
Concen: 19.940 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	25.9	77.8
67	73.5	35.1	105.5
52	25.7	12.5	37.5

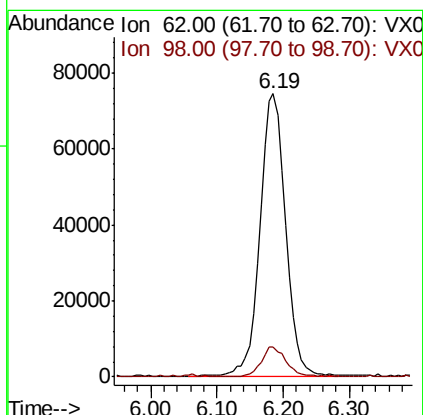
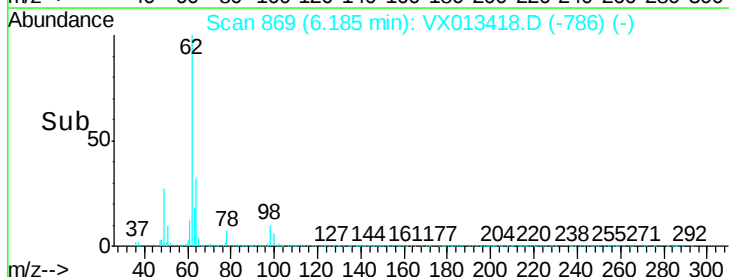
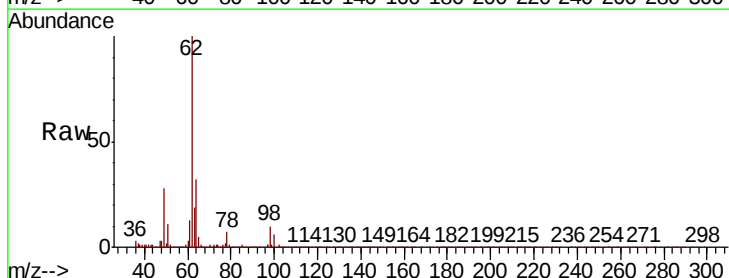
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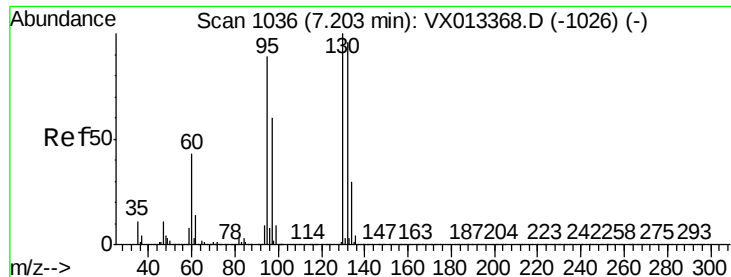
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#36
1,2-Dichloroethane
Concen: 20.223 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.2





#37

Trichloroethene

Concen: 19.143 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion:130 Resp: 146694

Ion Ratio Lower Upper

130 100

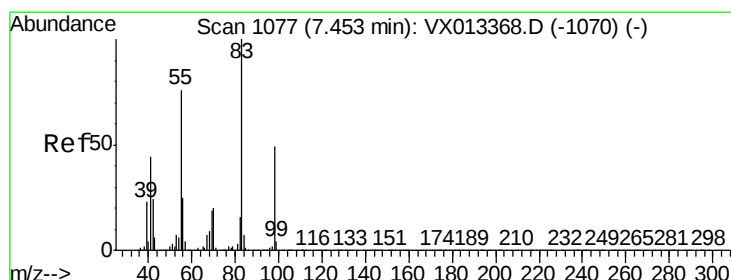
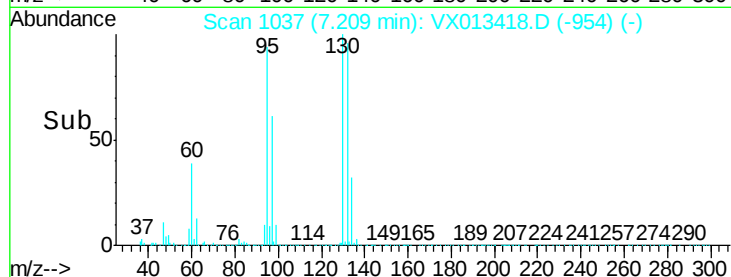
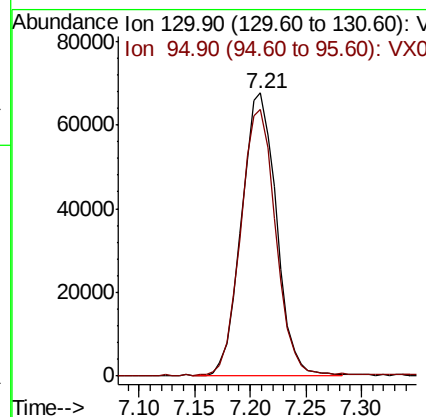
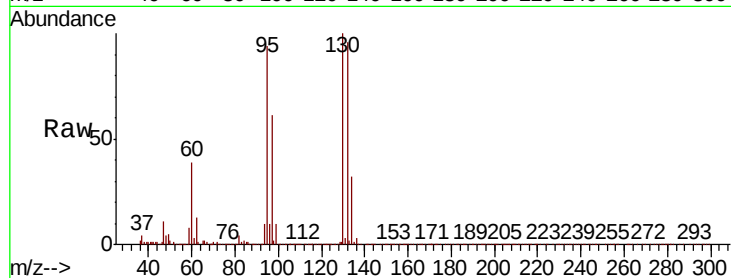
95 93.9 71.3 106.9

Manual Integrations

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#38

Methylcyclohexane

Concen: 18.288 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

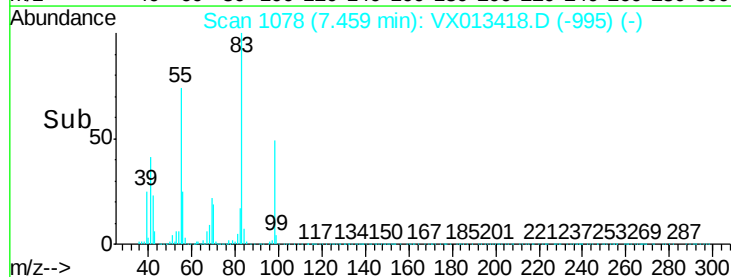
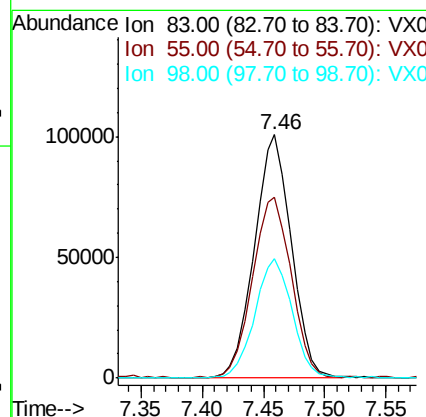
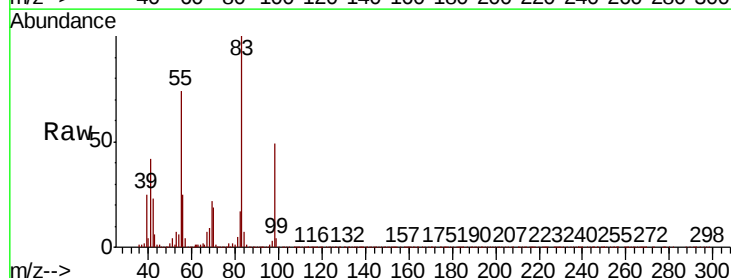
Tgt Ion: 83 Resp: 211468

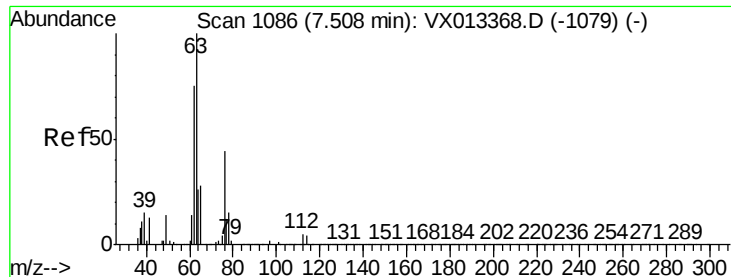
Ion Ratio Lower Upper

83 100

55 77.5 37.9 113.7

98 49.9 25.1 75.3





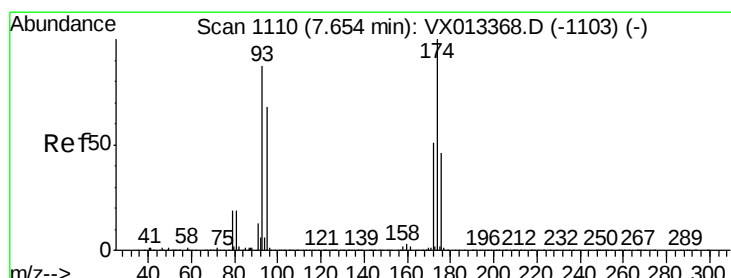
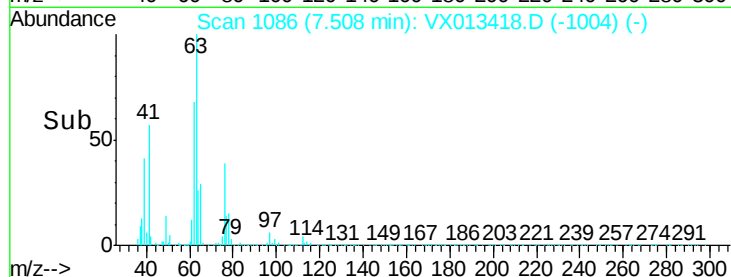
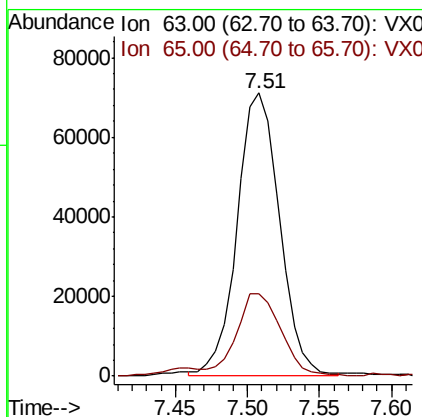
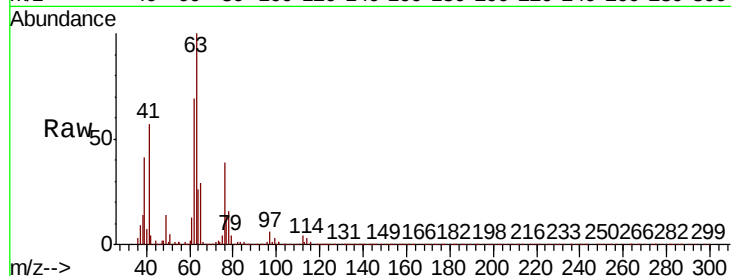
#39
 1,2-Dichloropropane
 Concen: 19.534 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	23.8	35.8

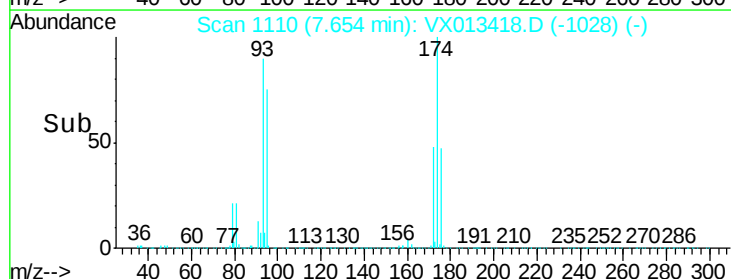
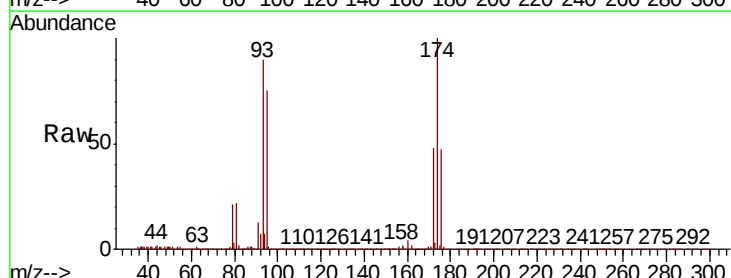
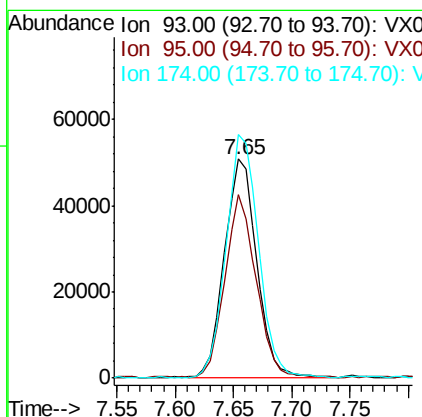
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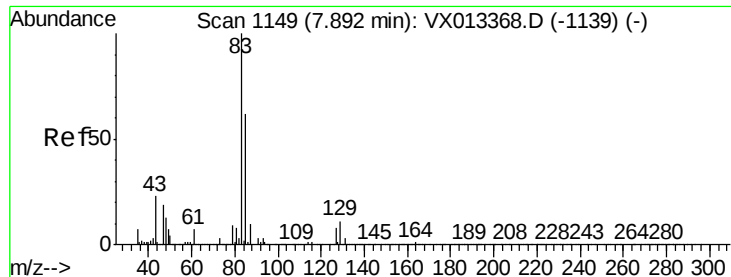
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#40
 Dibromomethane
 Concen: 19.987 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	0.0	160.8
174	112.0	0.0	228.8





#41

Bromodichloromethane

Concen: 18.959 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

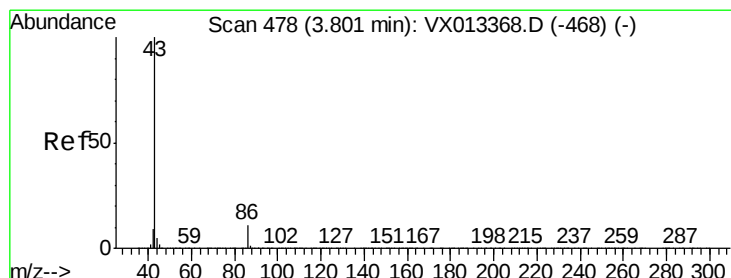
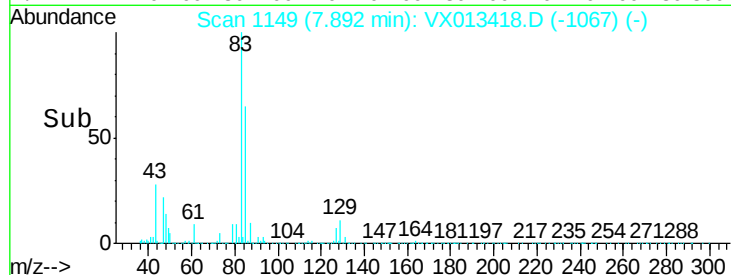
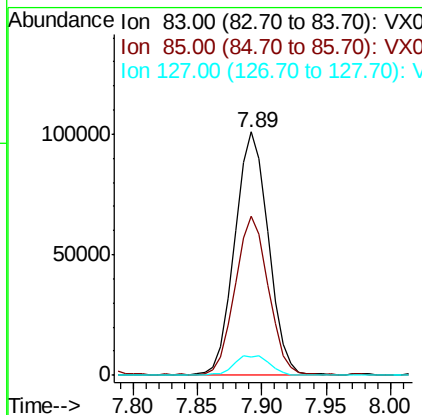
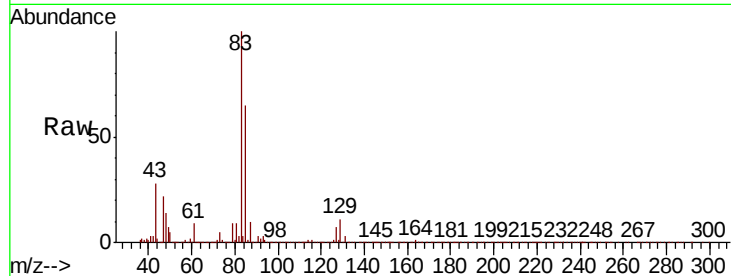
ClientSampleId :

VX1114WBSD01

Tot Ion:	83	Resp:	182178
Ion Ratio	Lower	Upper	
83	100		
85	65.0	49.3	73.9
127	7.2	6.6	10.0

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#42

Vinyl Acetate

Concen: 98.826 ug/l

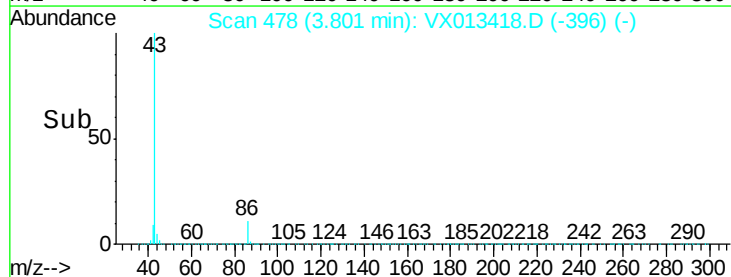
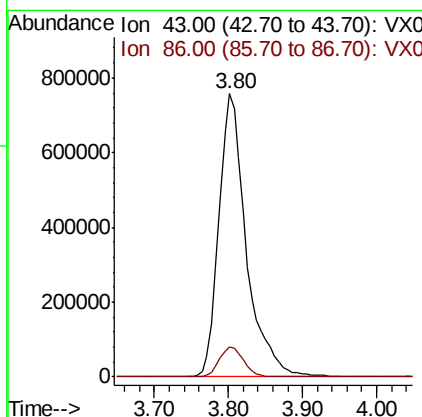
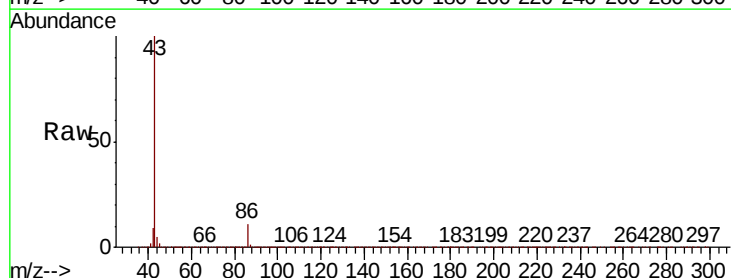
RT: 3.80 min Scan# 478

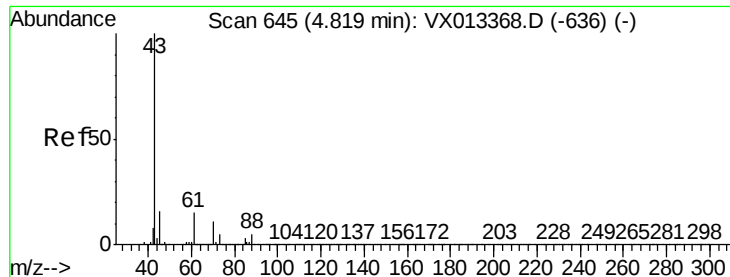
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	43	Resp:	1936770
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.6	11.4





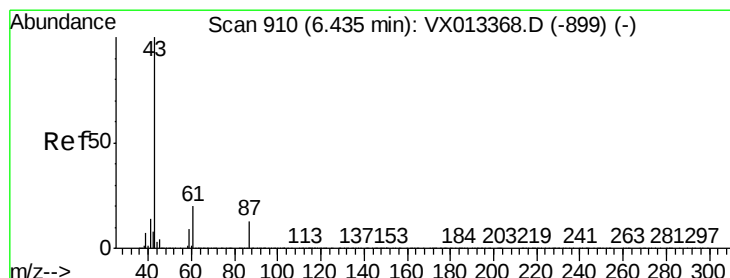
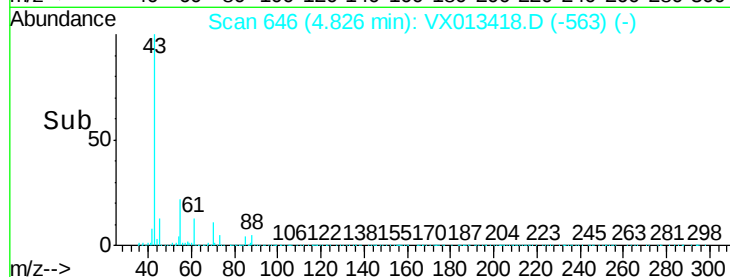
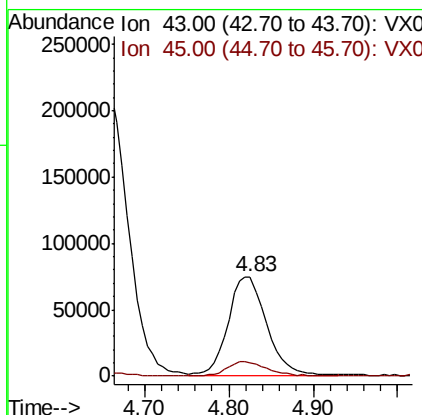
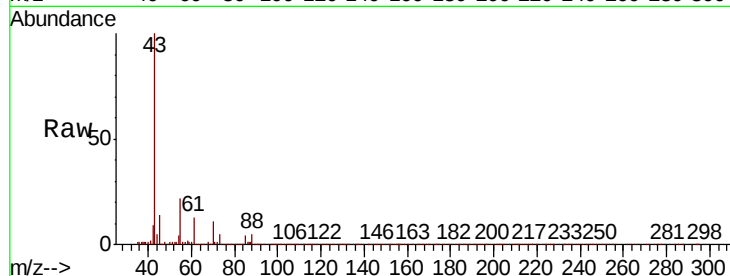
#43
Ethyl Acetate
Concen: 20.265 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.0	10.9	16.3

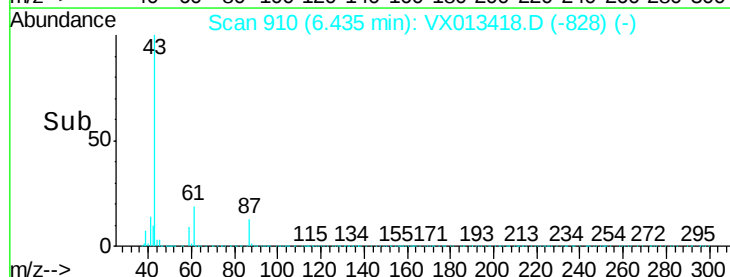
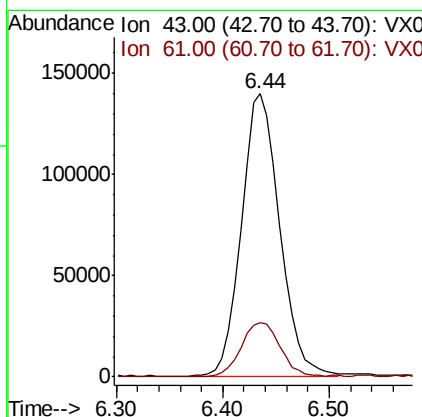
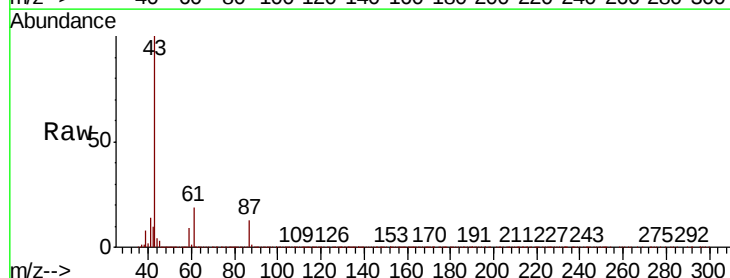
Manual Integrations
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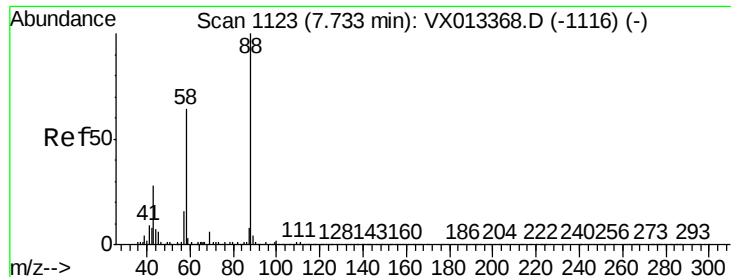
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11/15/2019 9:21:10 AM



#44
Isopropyl Acetate
Concen: 19.176 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.8





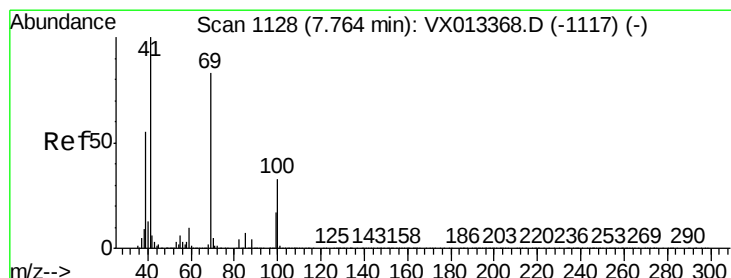
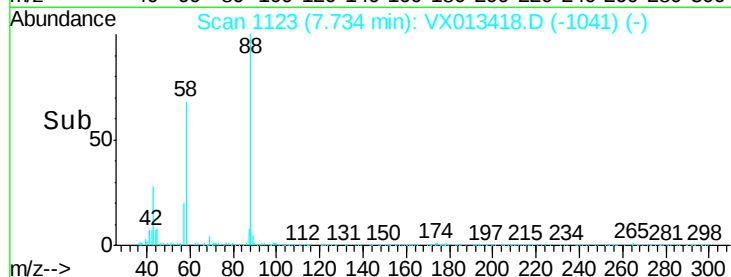
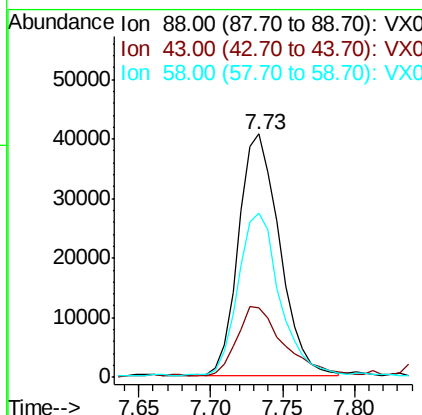
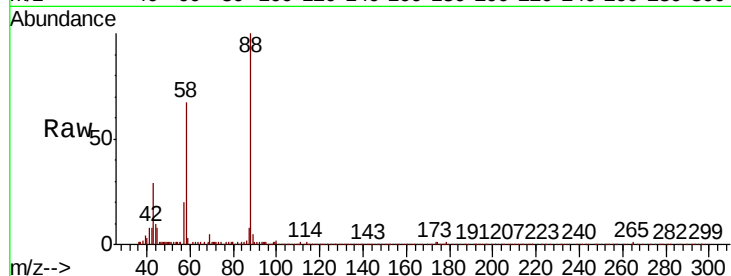
#45
1,4-Dioxane
Concen: 401.596 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	26.1	39.1
58	67.6	55.8	83.8

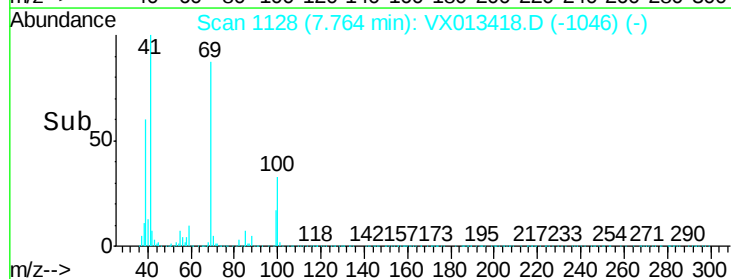
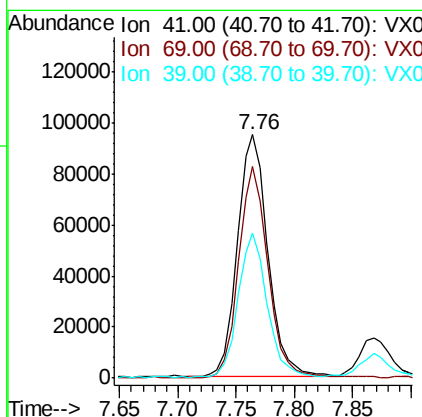
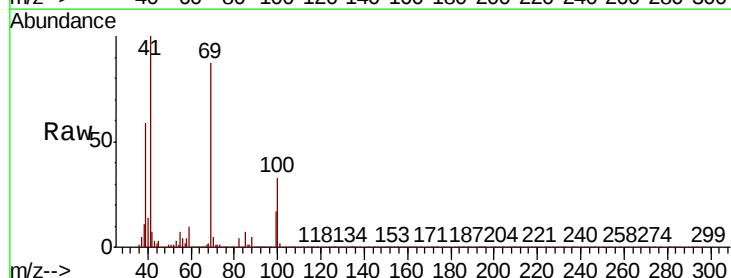
Manual Integrations
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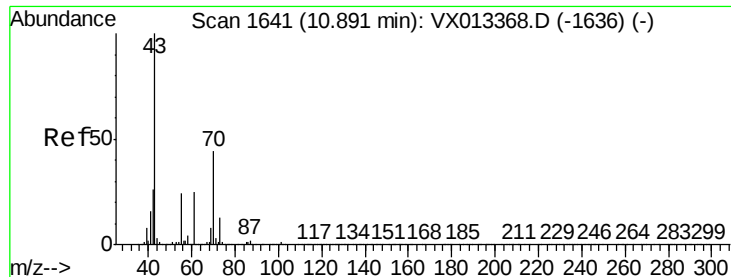
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#46
Methyl methacrylate
Concen: 19.162 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.2	41.4	124.4
39	59.2	27.9	83.6





#47

n-amvl Acetate

Concen: 18.693 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 43 Resp: 299230

Ion Ratio Lower Upper

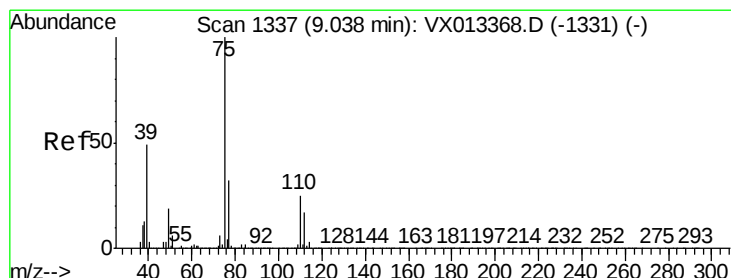
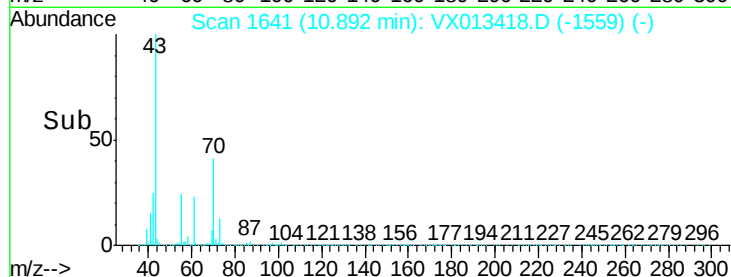
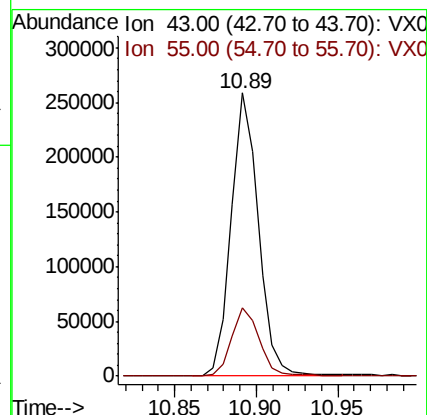
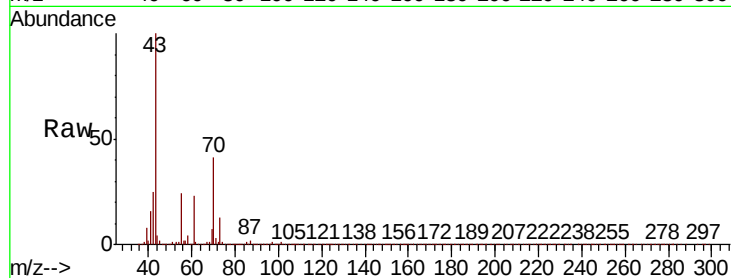
43 100

55 24.4 19.0 28.4

Manual Integrations
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11/15/2019 9:21:10 AM



#48

t-1,3-Dichloropropene

Concen: 18.231 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013418.D

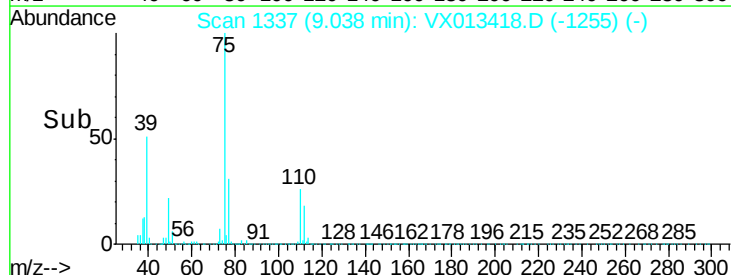
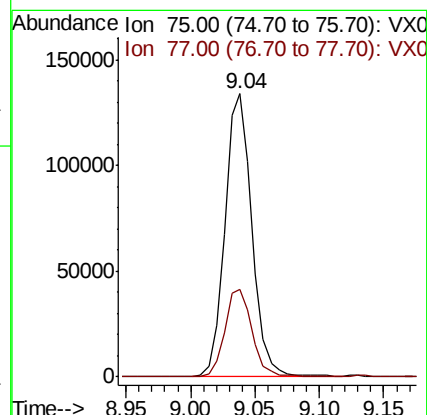
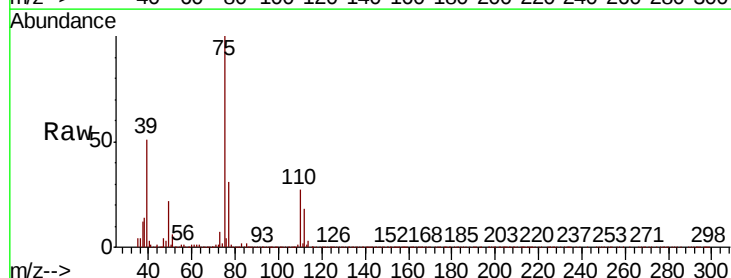
Acq: 14 Nov 2019 13:39

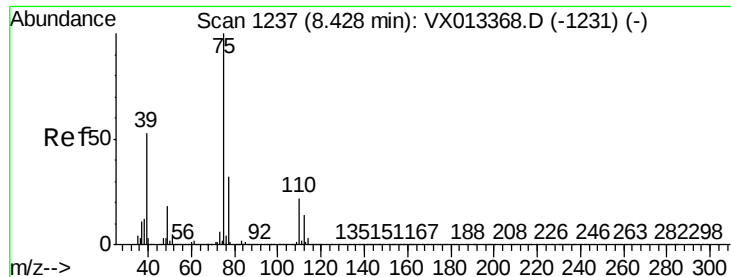
Tgt Ion: 75 Resp: 196436

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9





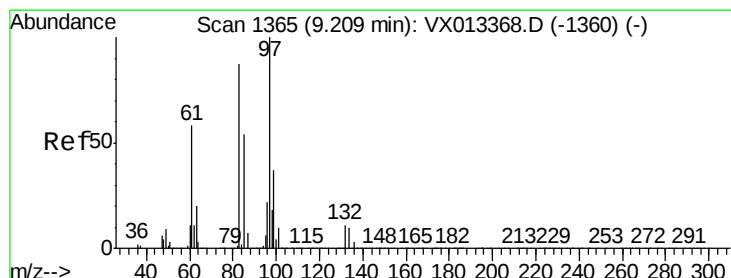
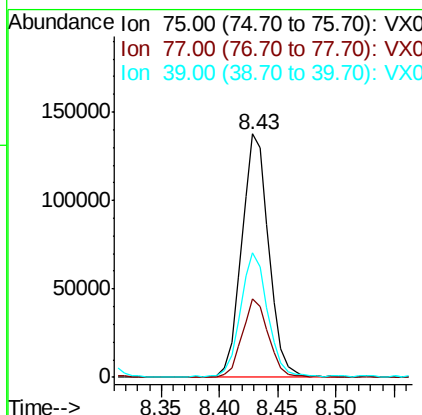
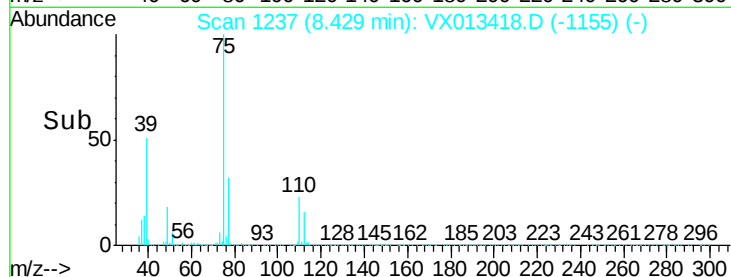
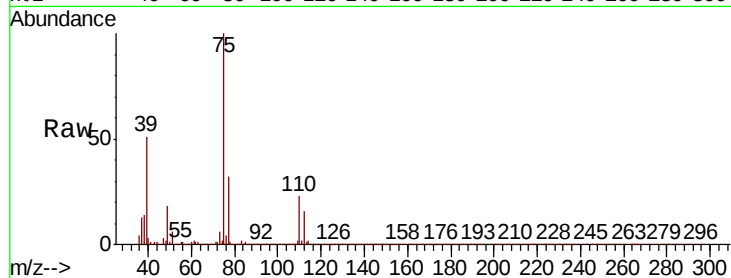
#49
 cis-1,3-Dichloropropene
 Concen: 19.013 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	51.1	42.2	63.4

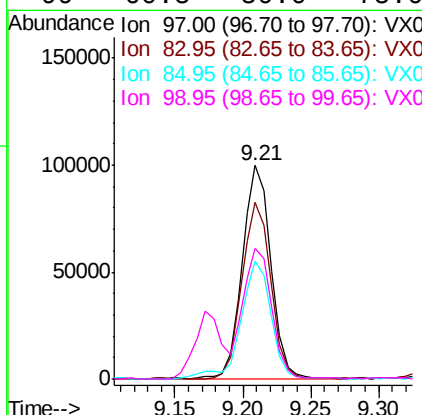
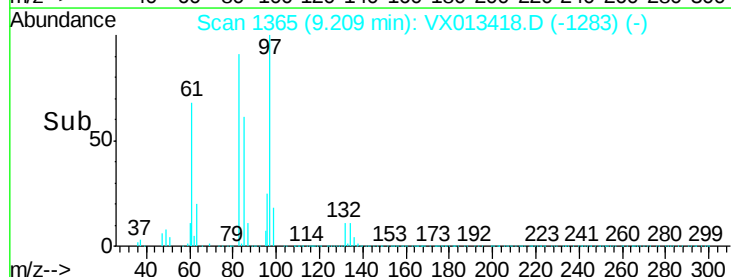
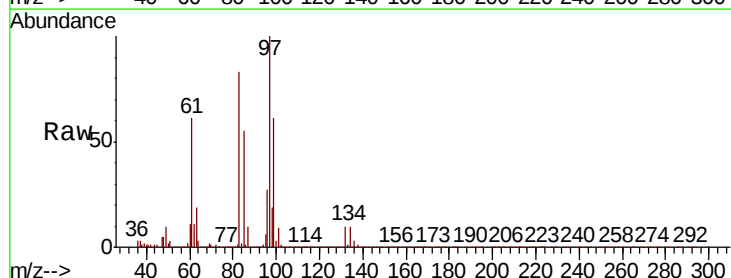
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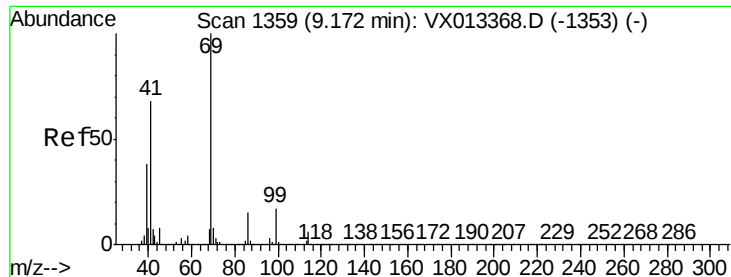
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#50
 1,1,2-Trichloroethane
 Concen: 20.042 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.6	104.4
85	54.8	45.5	68.3
99	60.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.991 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

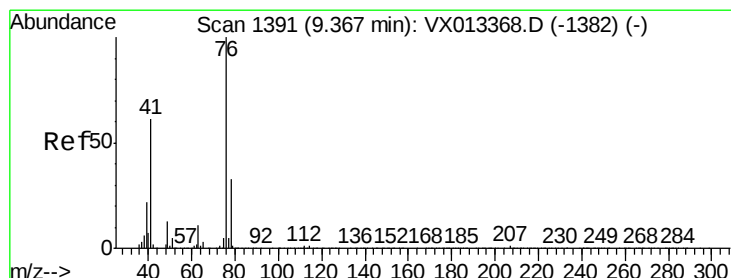
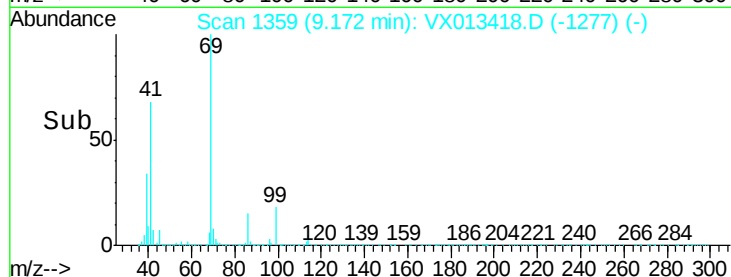
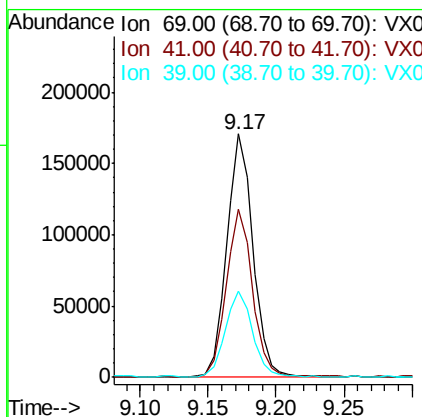
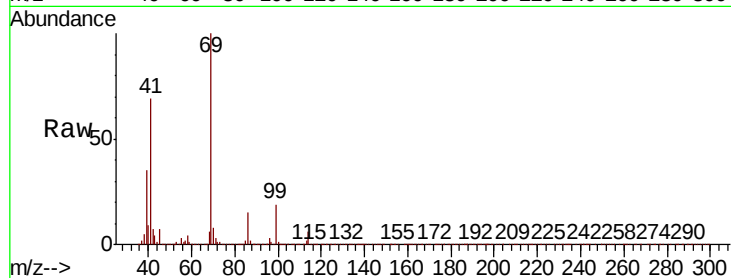
ClientSampleId :

VX1114WBSD01

Tot Ion:	69	Resp:	227747
Ion Ratio	Lower	Upper	
69	100		
41	68.7	33.9	101.6
39	35.0	18.8	56.4

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#52

1,3-Dichloropropane

Concen: 19.755 ug/l

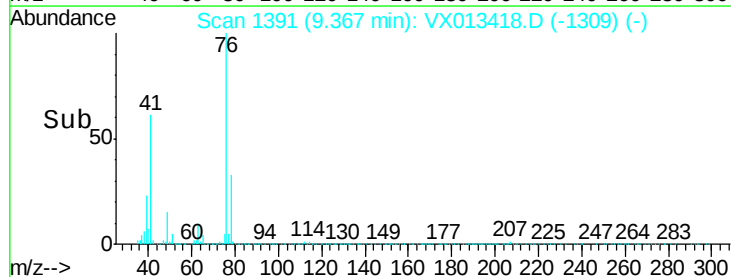
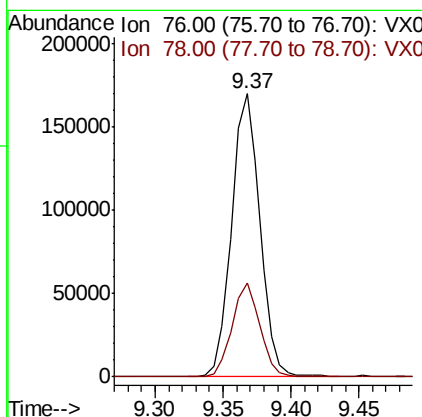
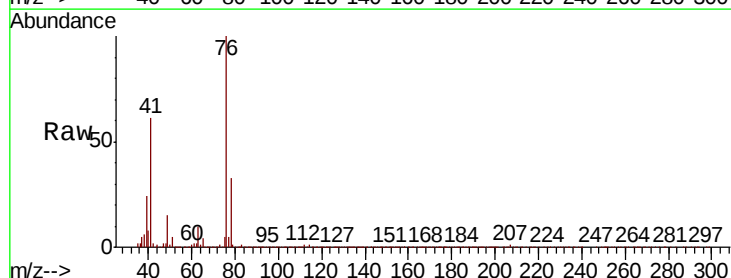
RT: 9.37 min Scan# 1391

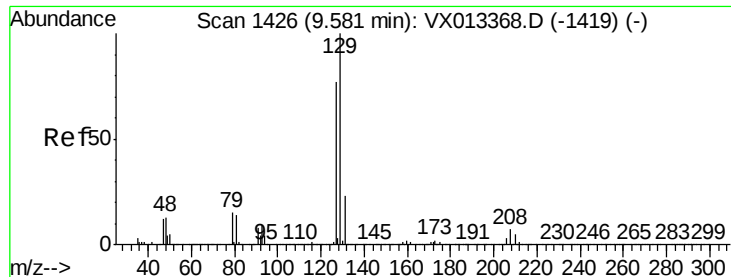
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	76	Resp:	245982
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	63.6





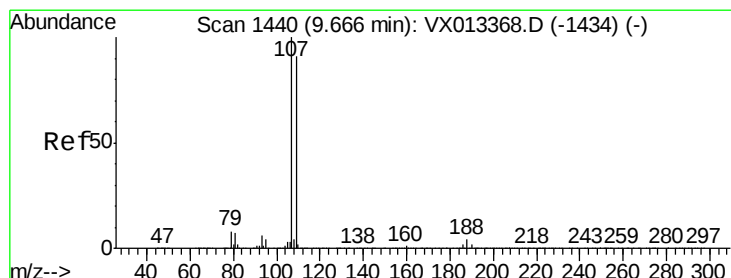
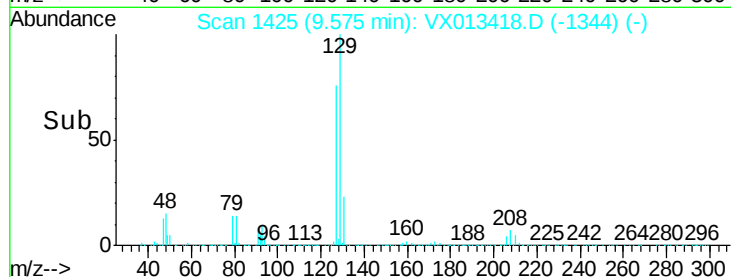
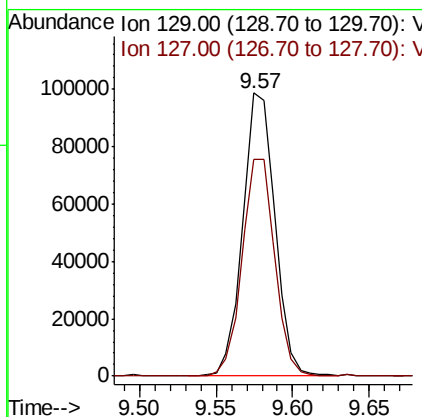
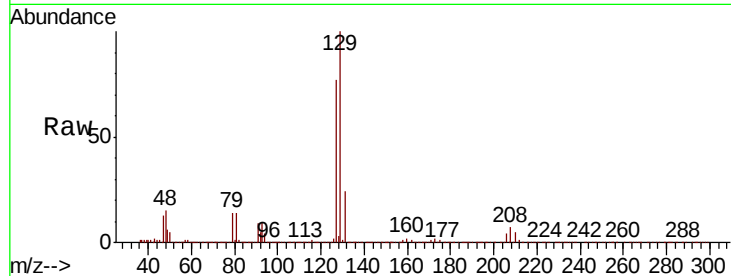
#53
Dibromochloromethane
Concen: 18.665 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		144089		
127	77.6	39.6	119.0		

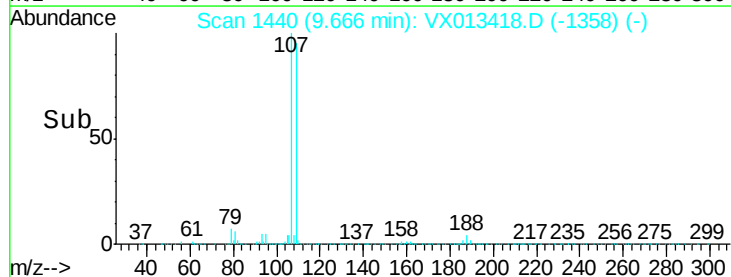
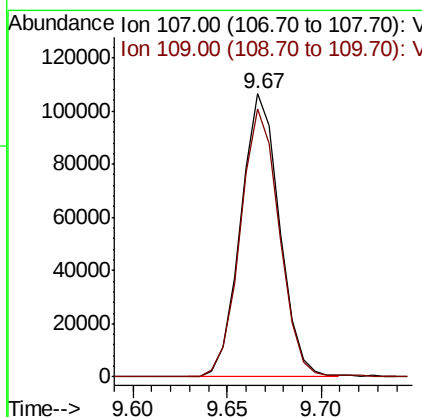
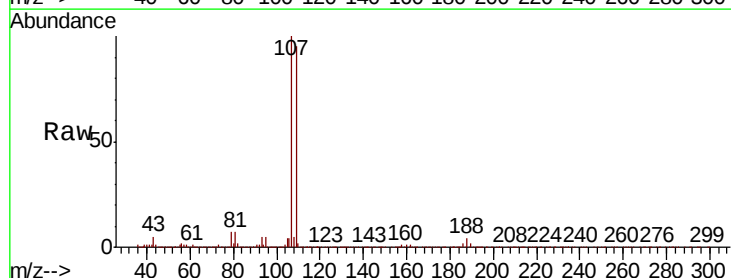
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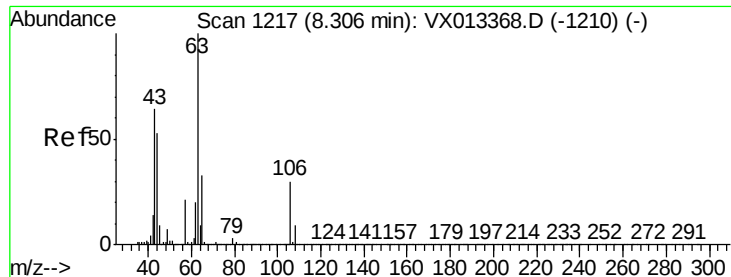
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#54
1,2-Dibromoethane
Concen: 19.468 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		151626		
109	94.6	73.9	110.9		





#55

2-Chloroethyl vinyl ether

Concen: 91.804 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 63 Resp: 470426

Ion Ratio Lower Upper

63 100

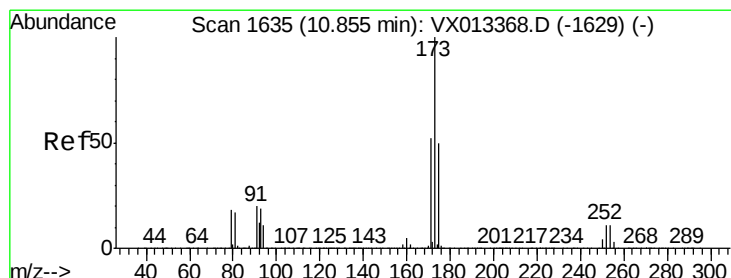
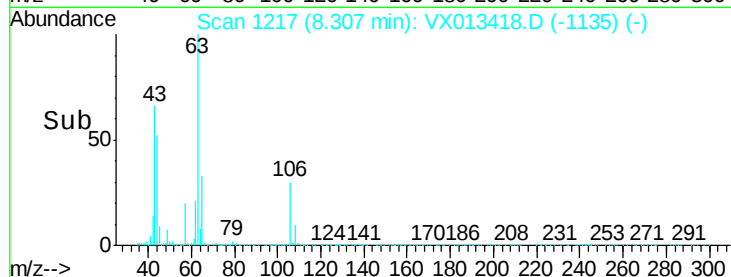
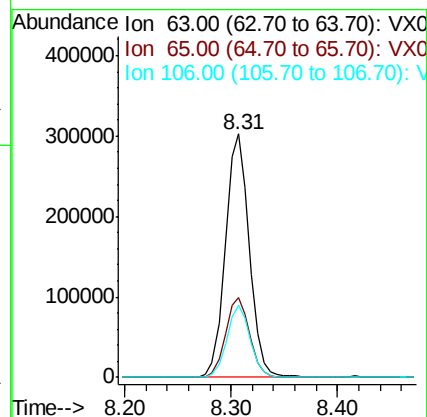
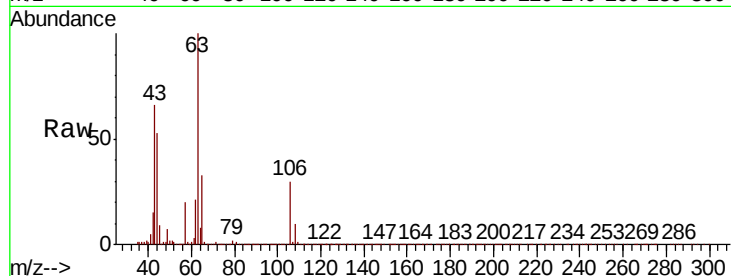
65 33.0 26.0 39.0

106 29.1 23.5 35.3

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#56

Bromoform

Concen: 17.940 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

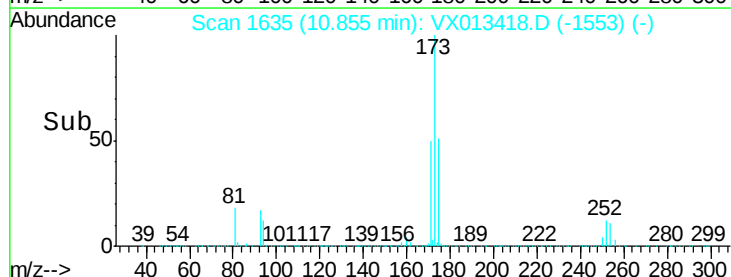
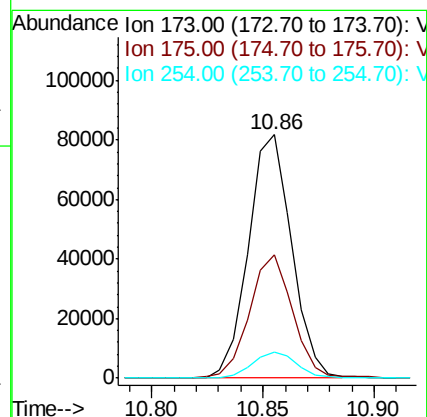
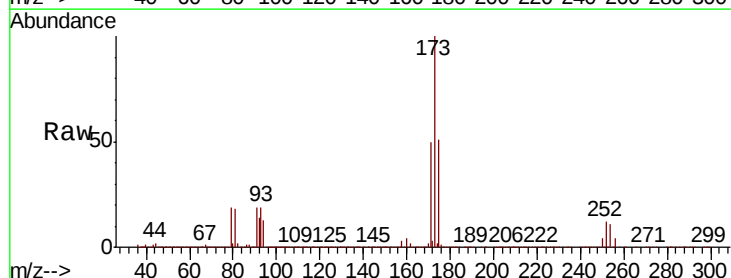
Tgt Ion: 173 Resp: 110211

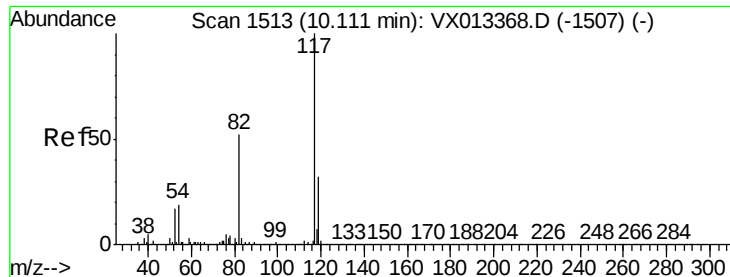
Ion Ratio Lower Upper

173 100

175 51.1 39.4 59.0

254 11.1 8.6 12.8





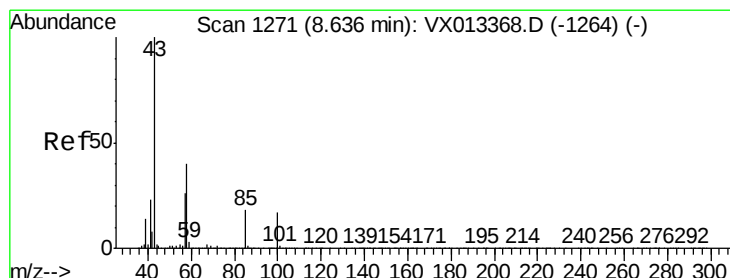
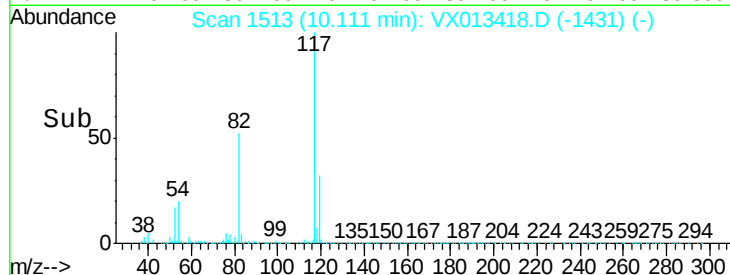
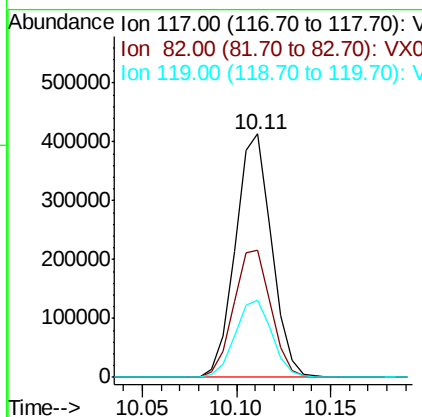
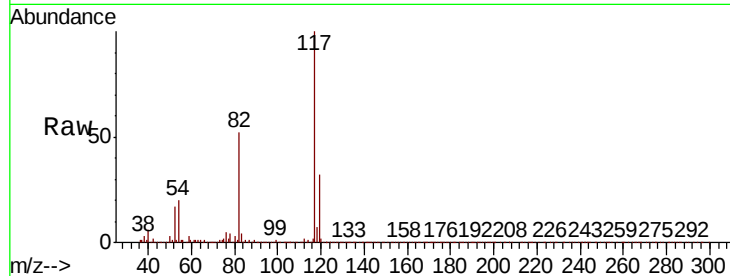
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.0	25.5	38.3

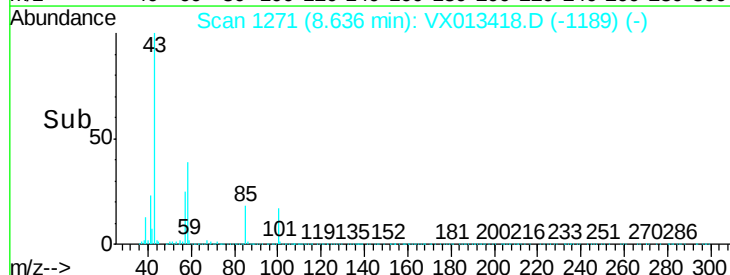
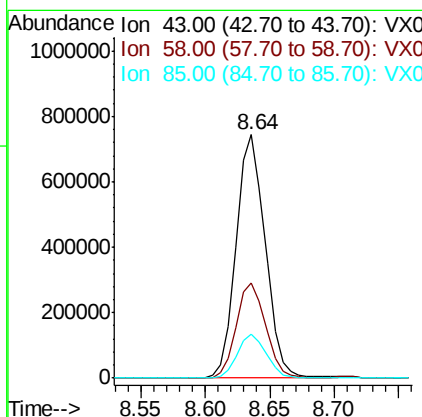
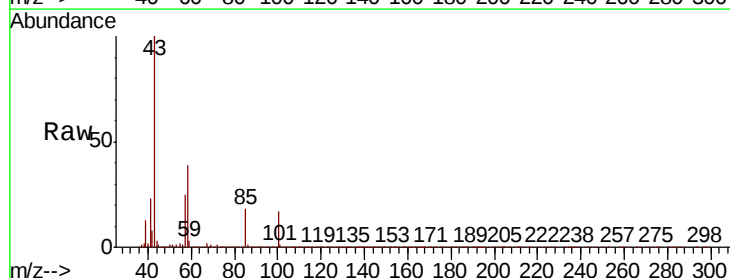
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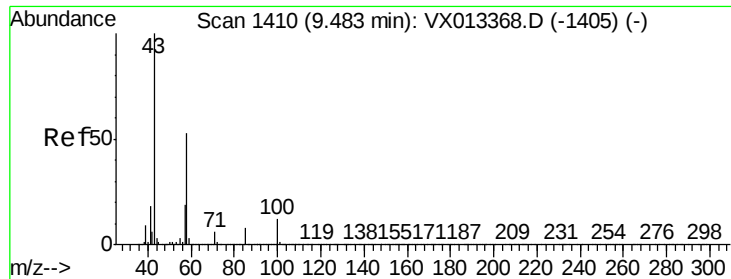
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#58
4-Methyl-2-Pentanone
Concen: 101.481 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	18.0	14.2	21.2





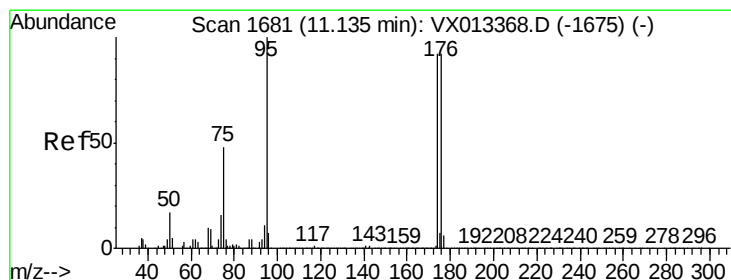
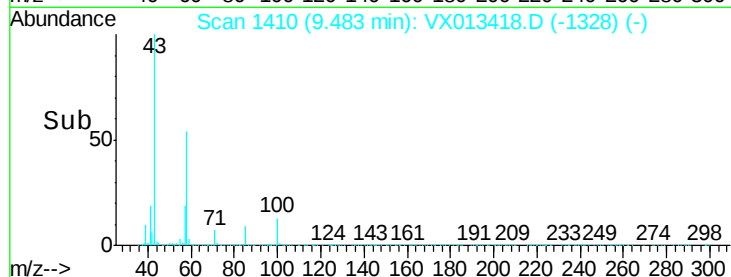
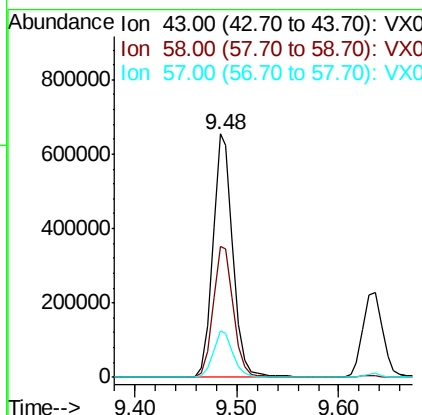
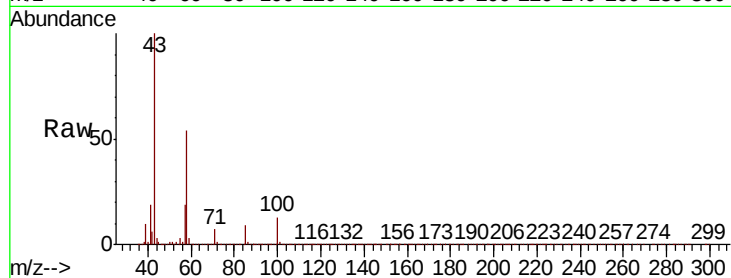
#59
2-Hexanone
Concen: 99.004 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.8	65.6
57	18.7	15.1	22.7

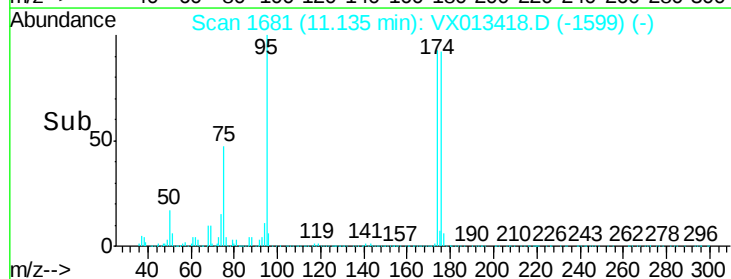
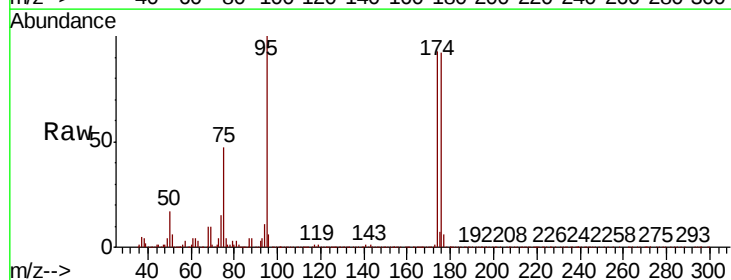
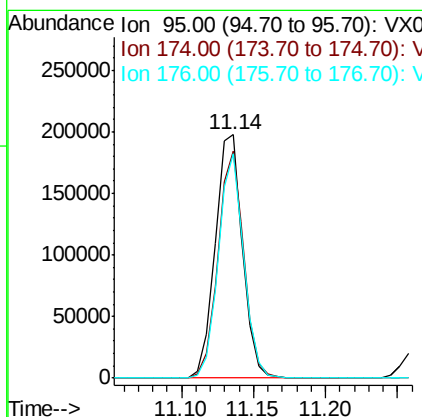
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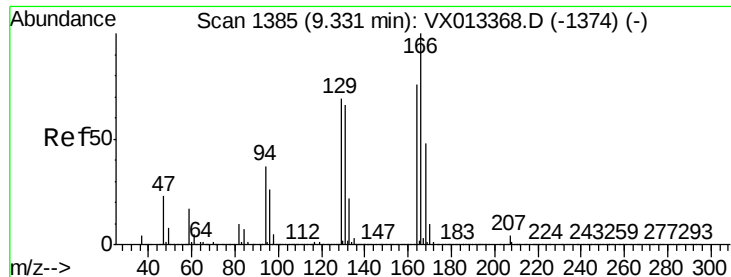
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#60
4-Bromofluorobenzene
Concen: 29.741 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.2	105.2
176	85.5	68.3	102.5





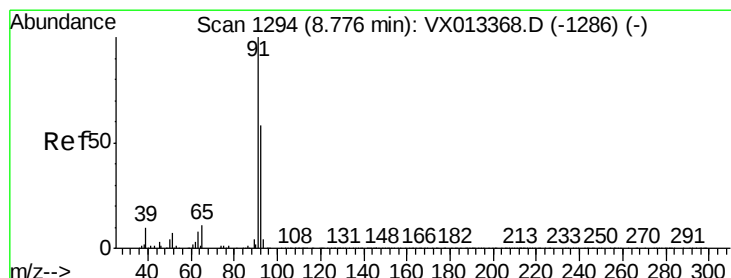
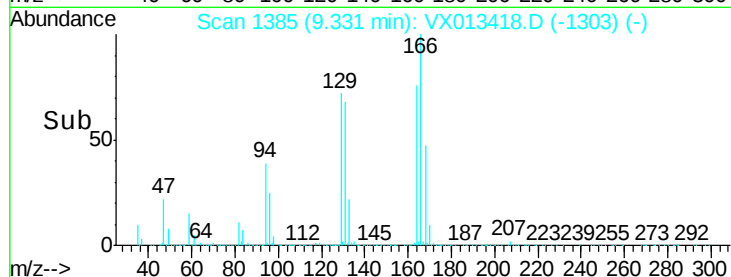
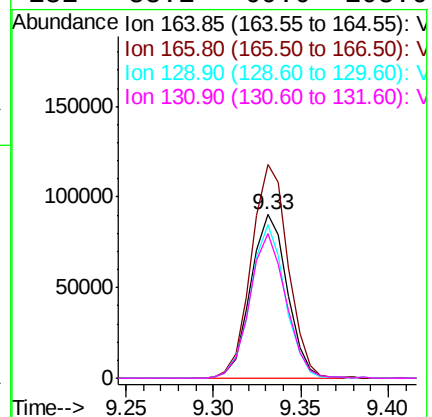
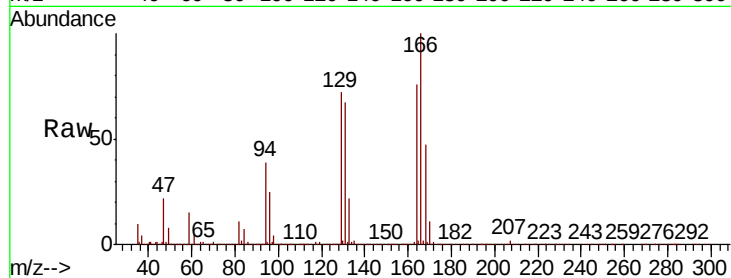
#61
Tetrachloroethene
Concen: 19.441 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.9	157.3
129	93.7	72.3	108.5
131	88.1	69.0	103.6

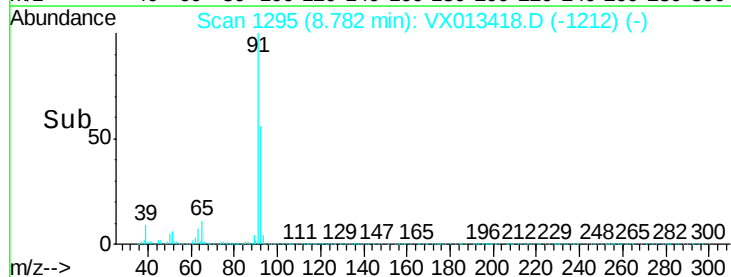
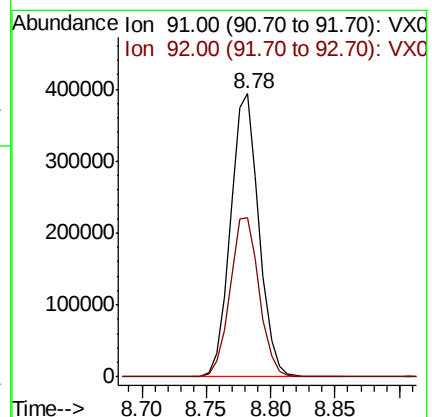
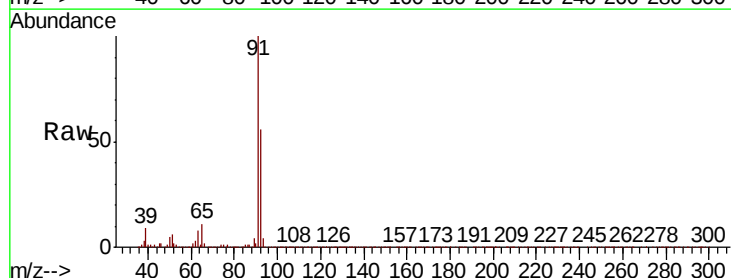
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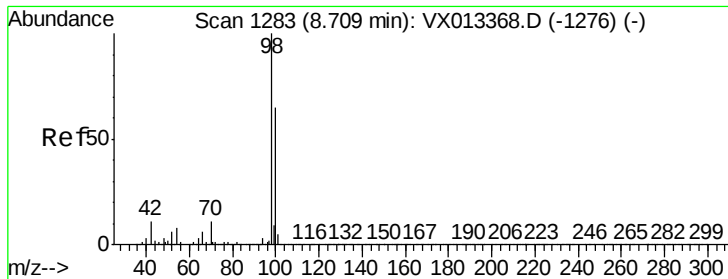
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11/15/2019 9:21:10 AM



#62
Toluene
Concen: 19.688 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.6	69.8





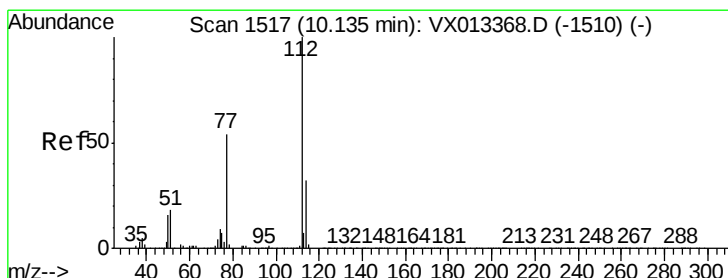
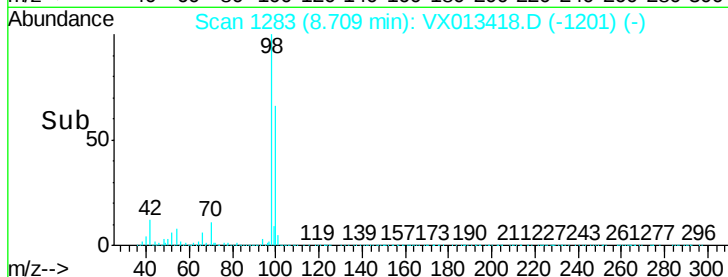
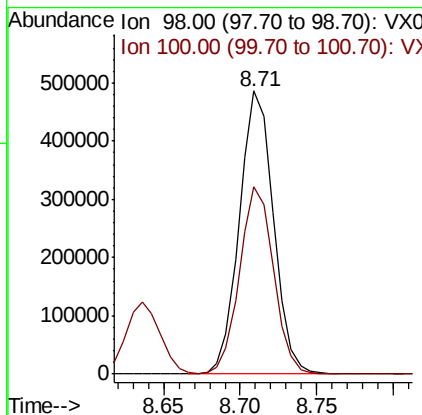
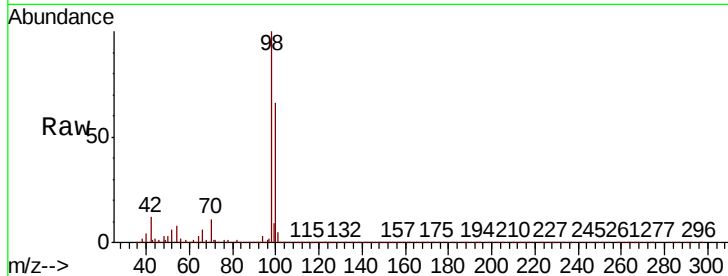
#63
Toluene-d8
Concen: 30.268 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion: 98 Resp: 753305
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

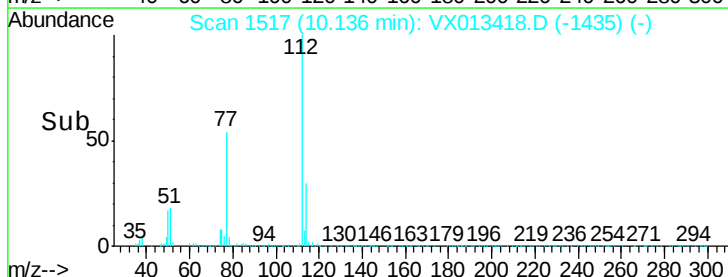
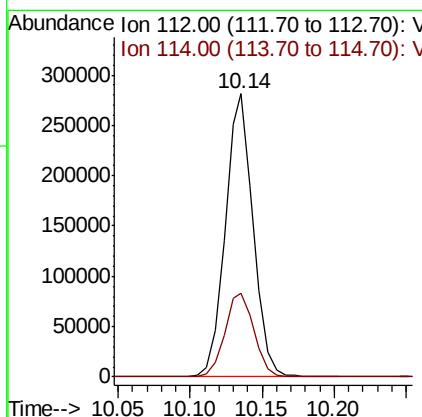
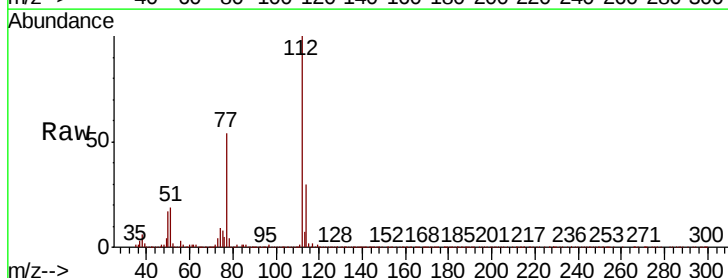
Manual Integrations
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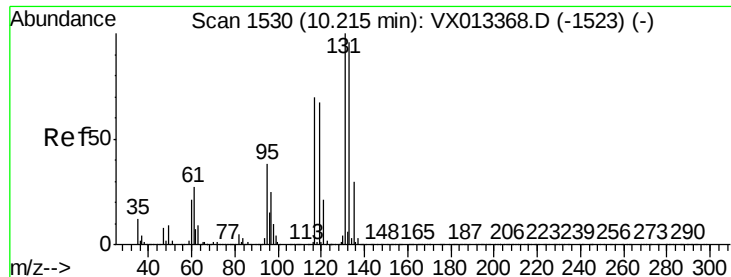
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#64
Chlorobenzene
Concen: 19.717 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion: 112 Resp: 377945
Ion Ratio Lower Upper
112 100
114 29.7 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.932 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

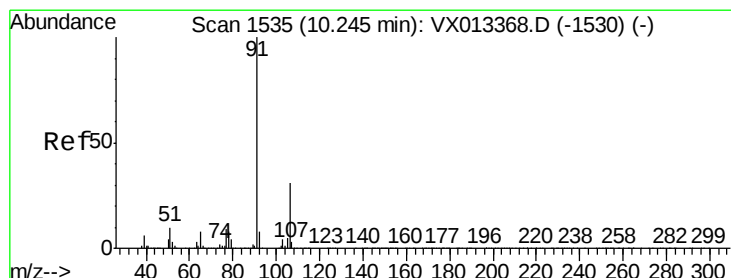
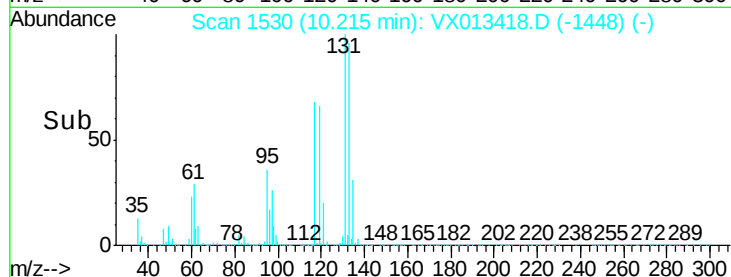
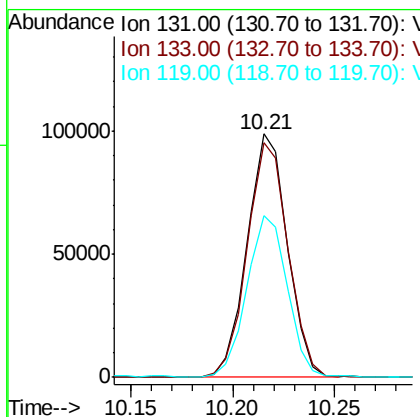
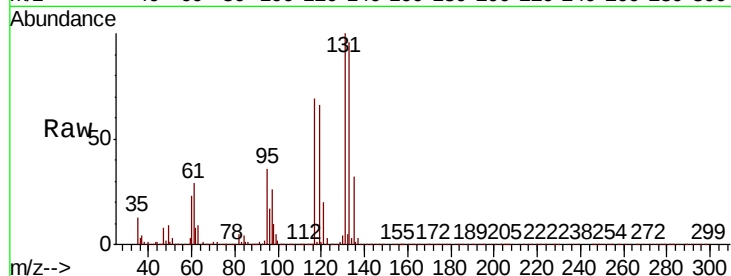
ClientSampleId :

VX1114WBSD01

Tot Ion:	131	Resp:	135840
Ion Ratio	Lower	Upper	
131	100		
133	97.3	0.0	192.2
119	66.1	0.0	134.4

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#66

Ethyl Benzene

Concen: 19.362 ug/l

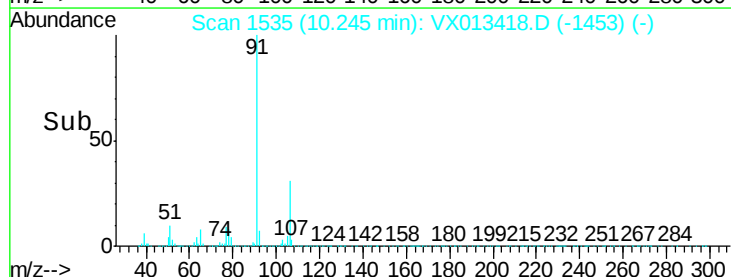
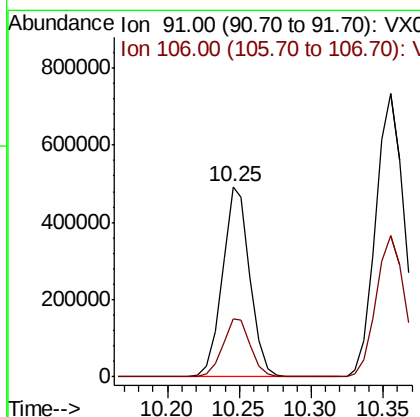
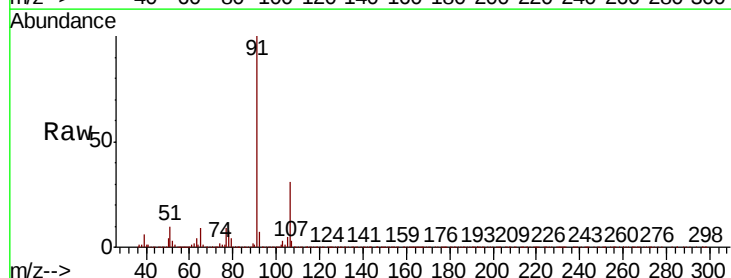
RT: 10.25 min Scan# 1535

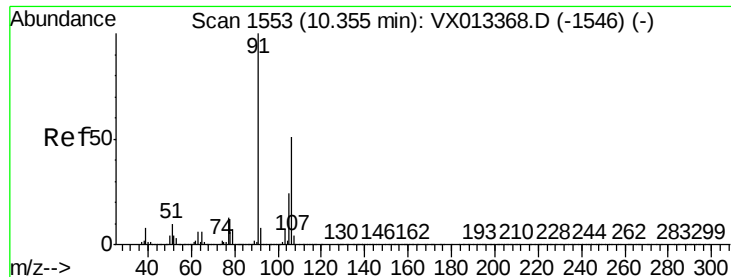
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	91	Resp:	652096
Ion Ratio	Lower	Upper	
91	100		
106	30.7	25.0	37.4





#67

m/p-Xylenes

Concen: 38.009 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion:106 Resp: 493794

Ion Ratio Lower Upper

106 100

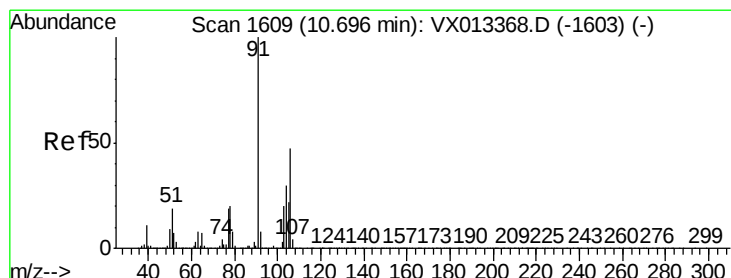
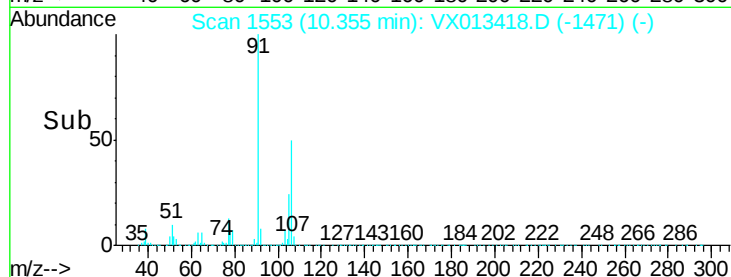
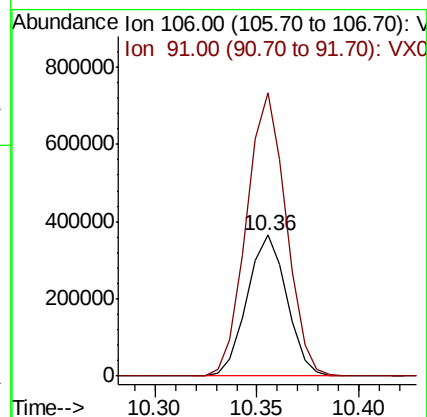
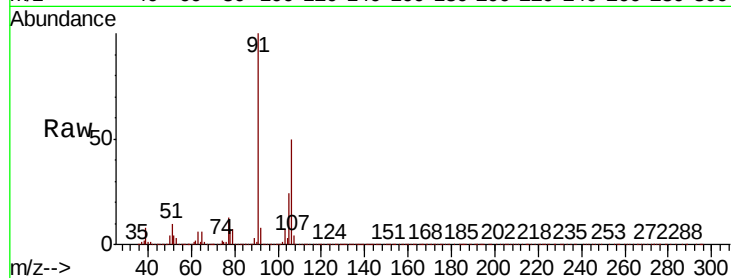
91 200.9 158.4 237.6

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#68

o-Xylene

Concen: 19.488 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013418.D

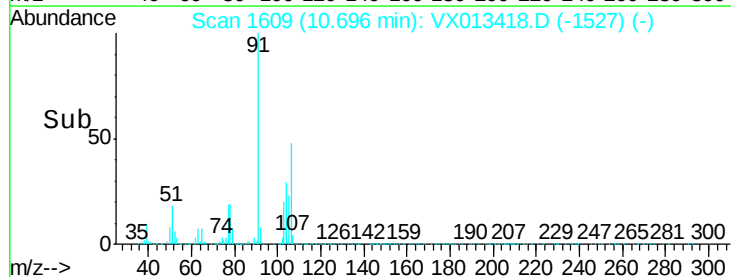
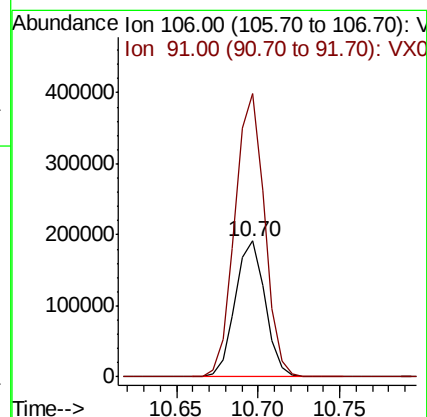
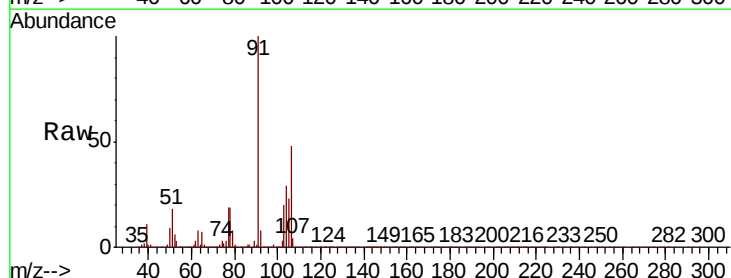
Acq: 14 Nov 2019 13:39

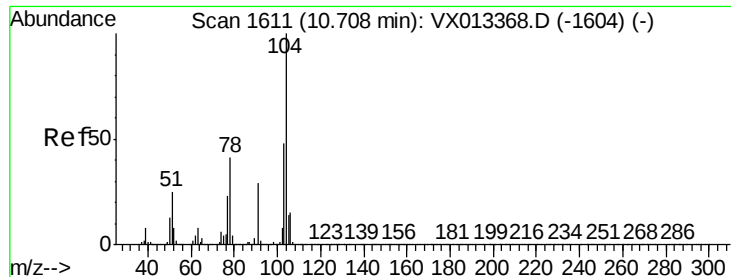
Tgt Ion:106 Resp: 244335

Ion Ratio Lower Upper

106 100

91 206.4 106.4 319.2





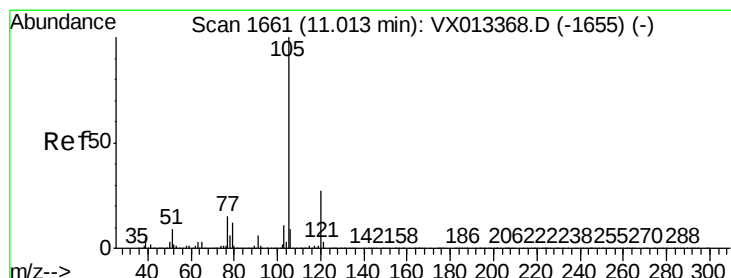
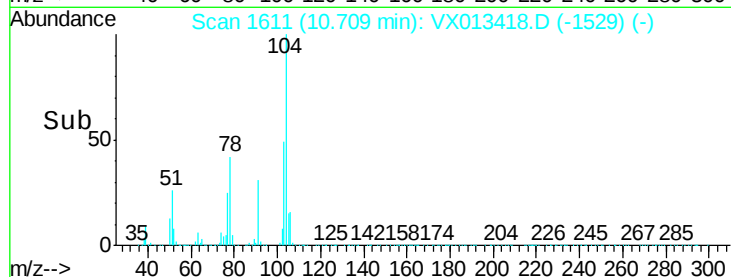
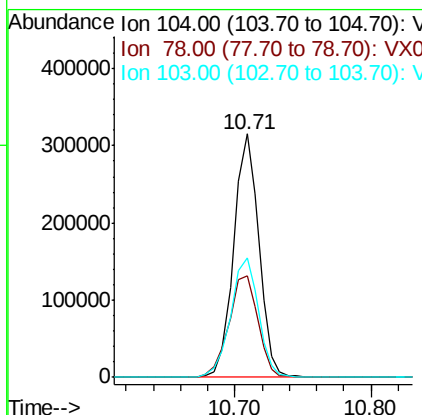
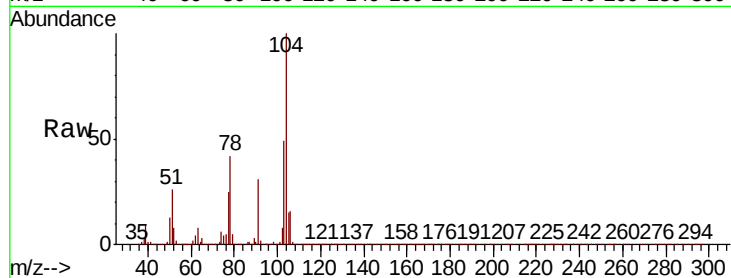
#69
Stvrene
Concen: 18.895 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.2	57.4
103	54.2	43.2	64.8

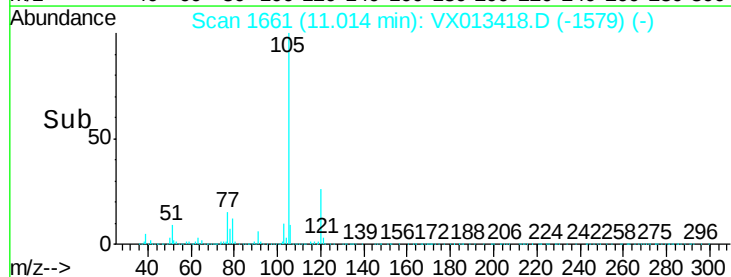
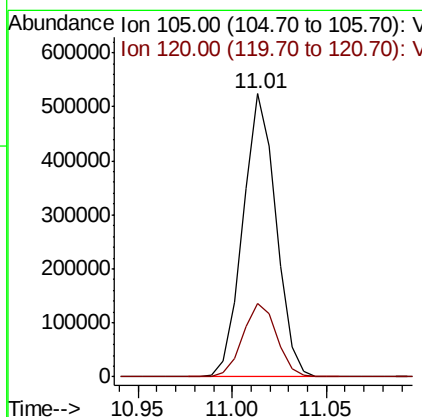
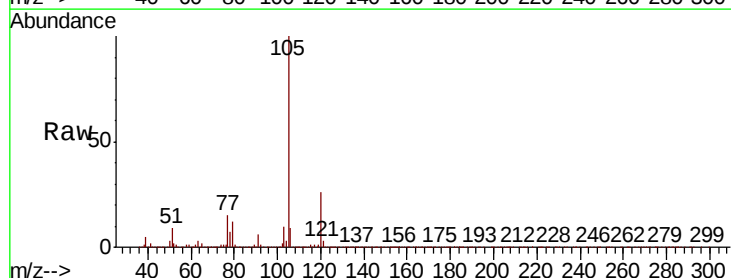
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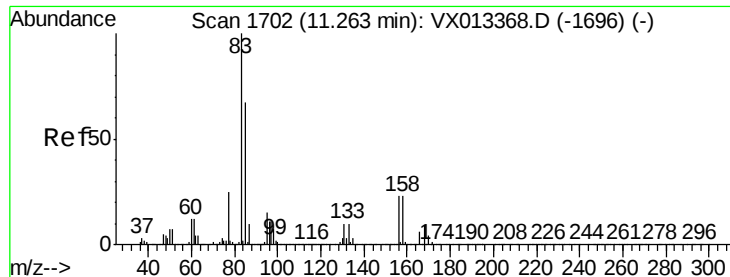
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#70
Isopropylbenzene
Concen: 19.269 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.862 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 83 Resp: 234952

Ion Ratio Lower Upper

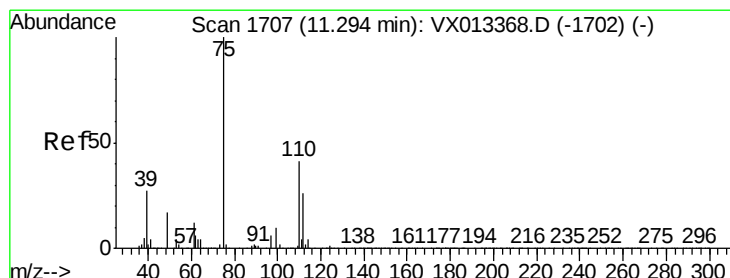
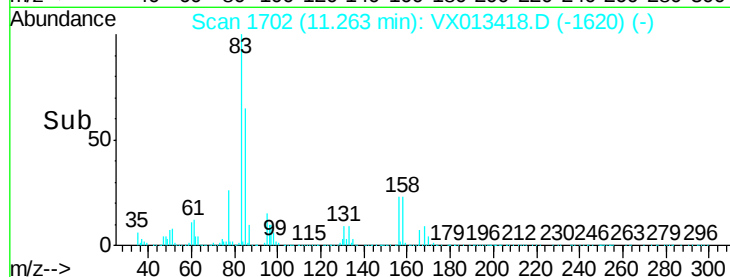
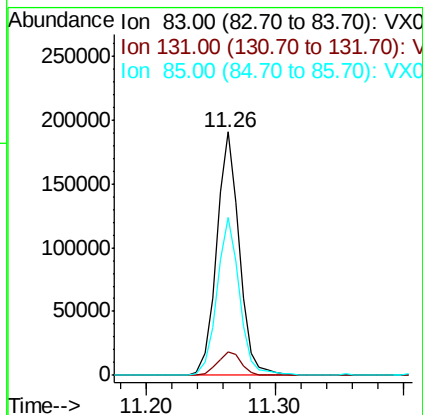
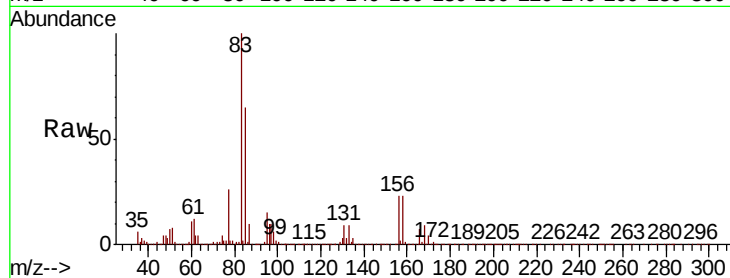
83 100

131 10.1 4.7 14.1

85 64.2 32.6 97.7

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#72

1,2,3-Trichloropropane

Concen: 18.755 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013418.D

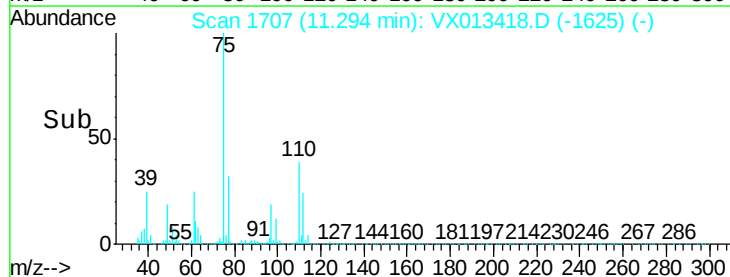
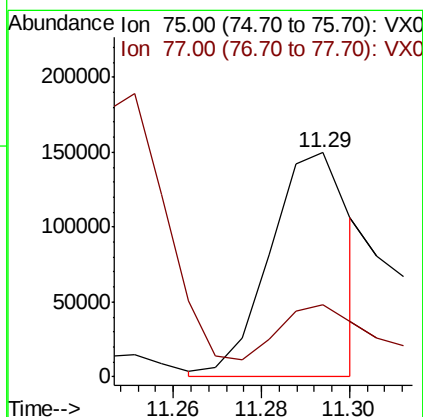
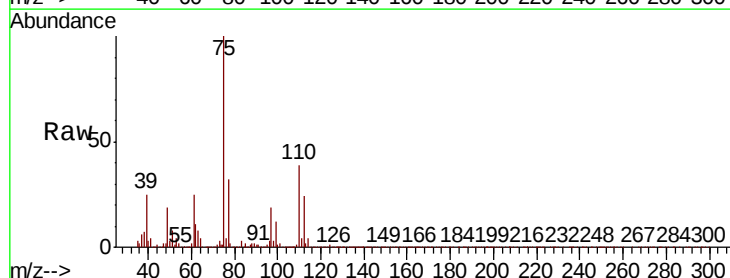
Acq: 14 Nov 2019 13:39

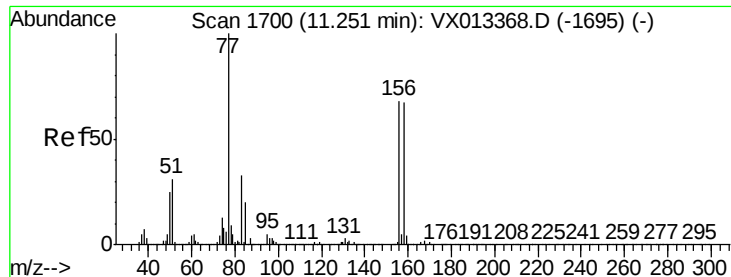
Tgt Ion: 75 Resp: 187330

Ion Ratio Lower Upper

75 100

77 40.2 0.0 86.2





#73

Bromobenzene

Concen: 19.296 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

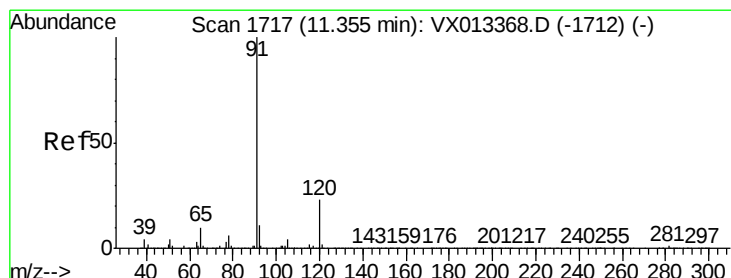
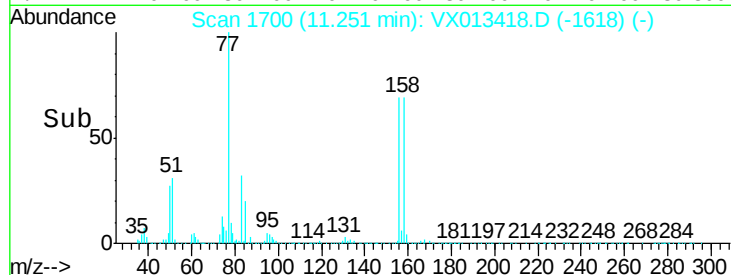
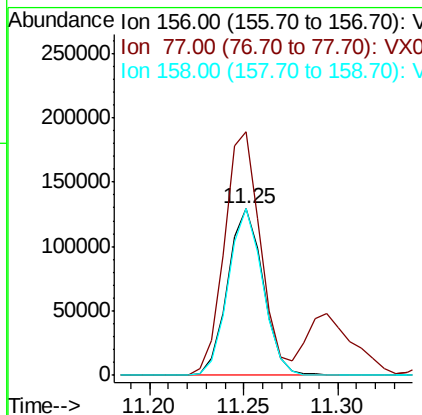
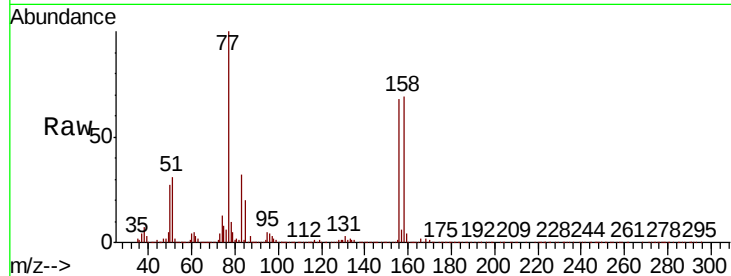
ClientSampleId :

VX1114WBSD01

Tot Ion:	156	Resp:	168118
Ion Ratio	Lower	Upper	
156	100		
77	149.8	0.0	308.8
158	97.7	0.0	197.0

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#74

n-propylbenzene

Concen: 18.872 ug/l

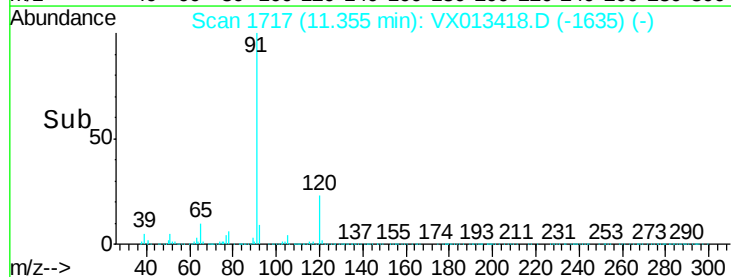
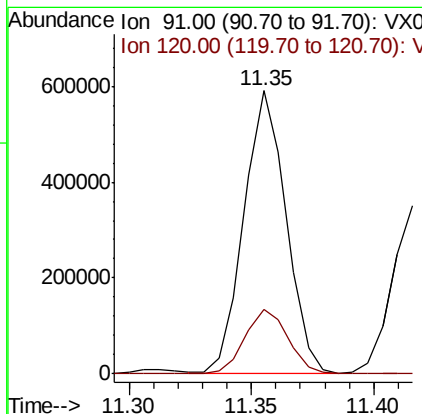
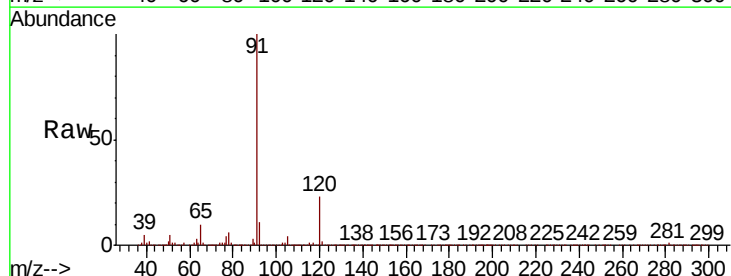
RT: 11.35 min Scan# 1717

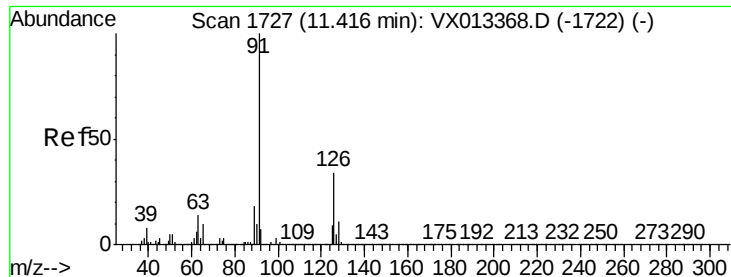
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	91	Resp:	708545
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.201 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

VX1114WBSD01

Tot Ion: 91 Resp: 428698

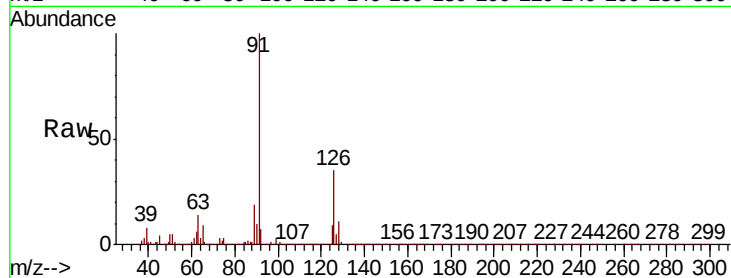
Ion Ratio Lower Upper

91 100

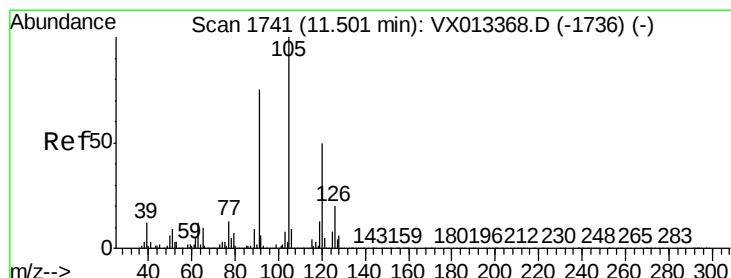
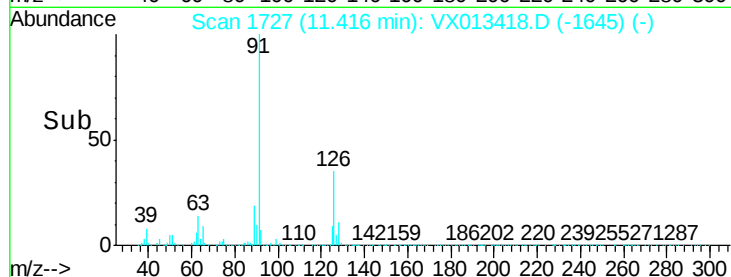
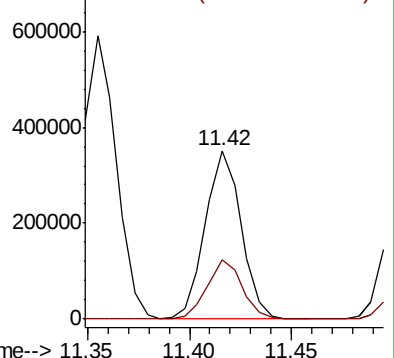
126 34.4 0.0 69.0

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Abundance Ion 91.00 (90.70 to 91.70): VX013418.D (-1645) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.689 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013418.D

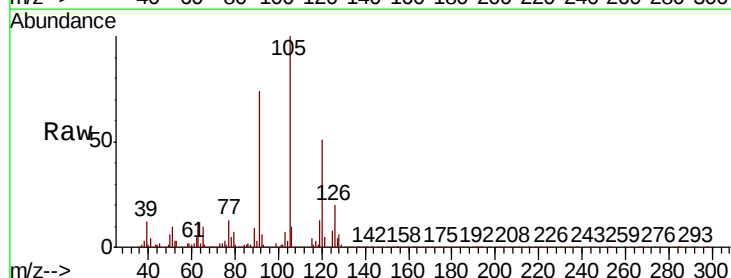
Acq: 14 Nov 2019 13:39

Tgt Ion: 105 Resp: 518976

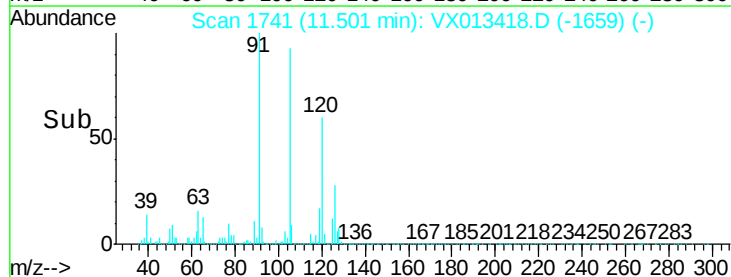
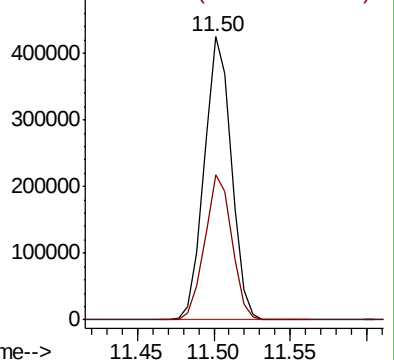
Ion Ratio Lower Upper

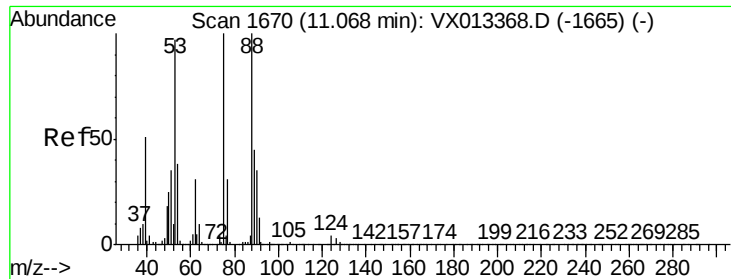
105 100

120 51.1 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): VX013418.D (-1659) (-)





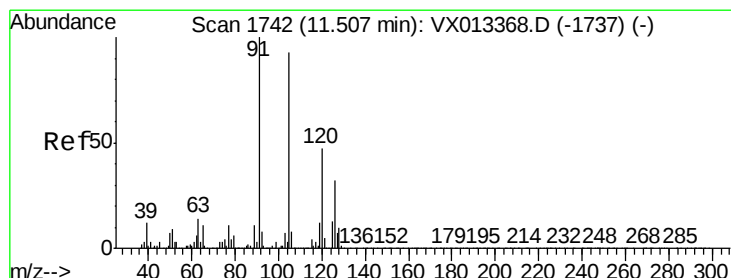
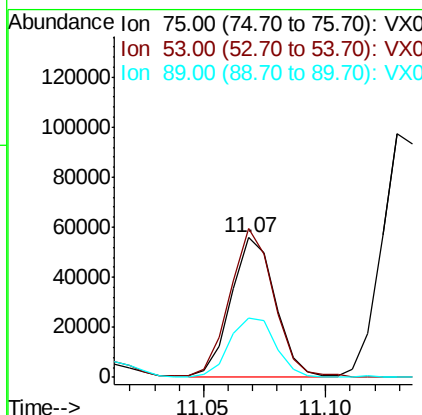
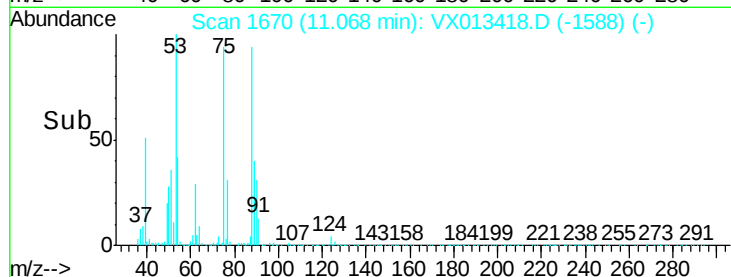
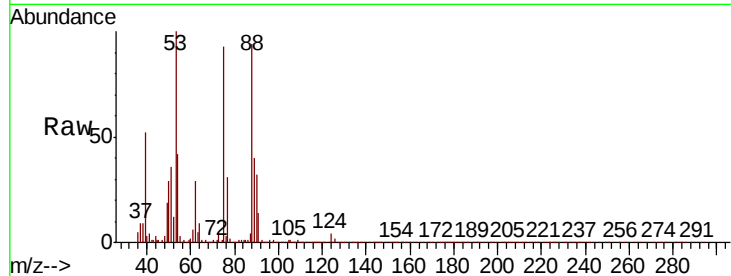
#77
t-1,4-Dichloro-2-butene
Concen: 17.418 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.0	48.8	146.3
89	42.7	22.3	66.8

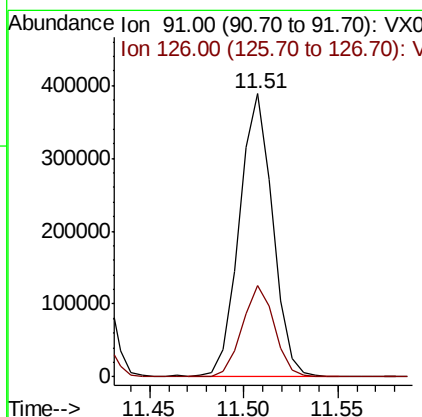
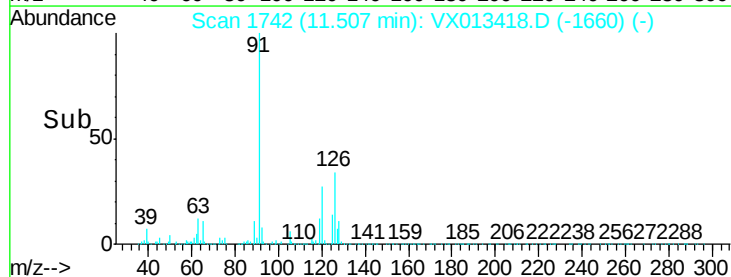
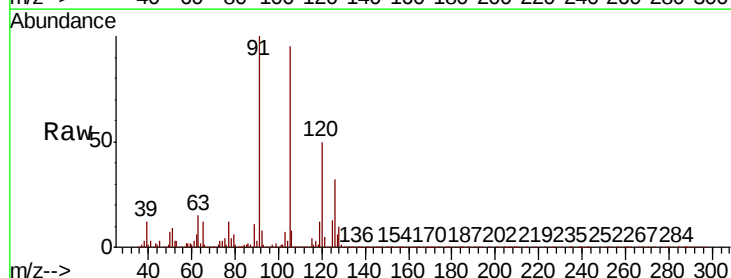
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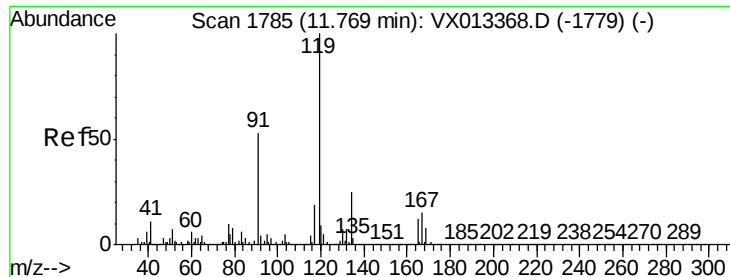
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#78
4-Chlorotoluene
Concen: 18.581 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	61.0





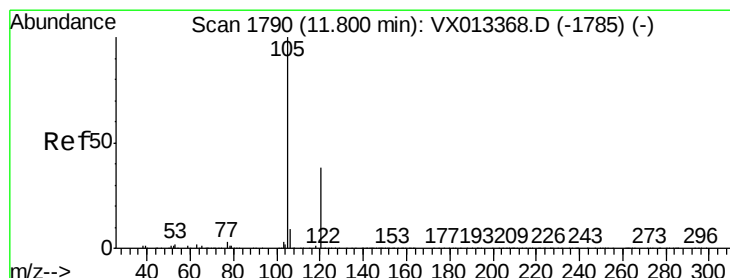
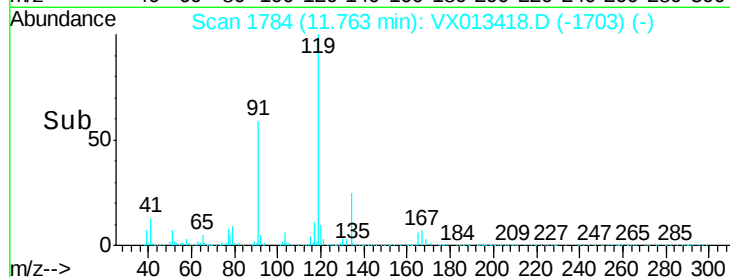
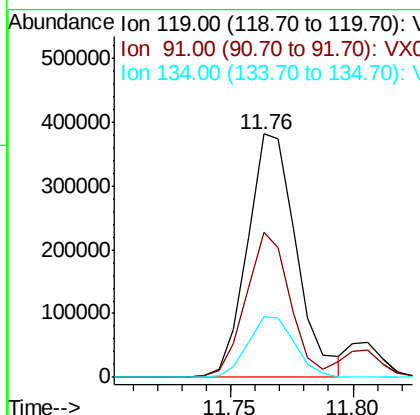
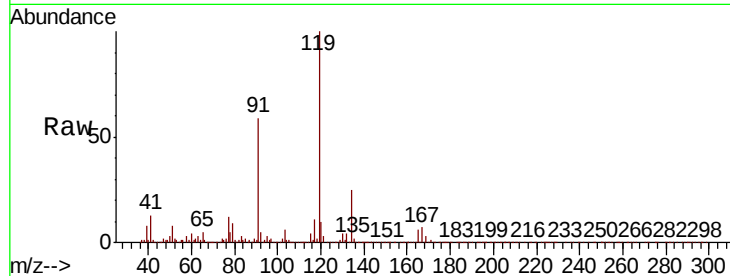
#79
tert-butylbenzene
Concen: 18.973 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	531575		
91	53.7	0.0	109.6	
134	24.1	0.0	47.8	

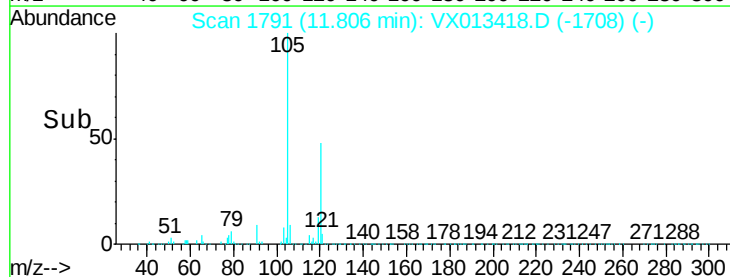
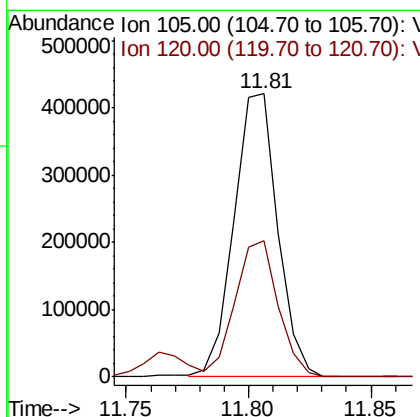
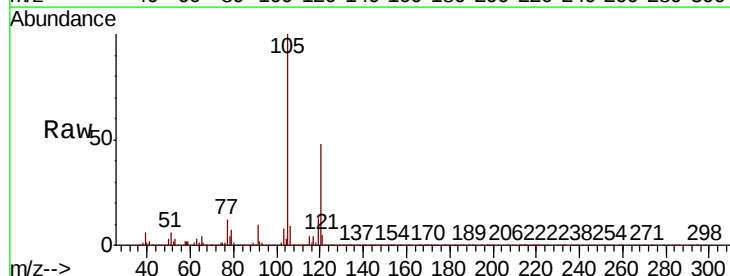
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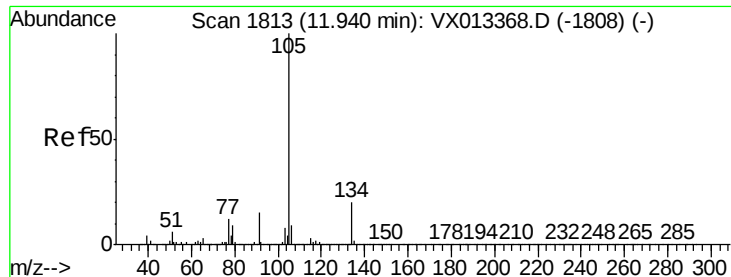
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#80
1,2,4-Trimethylbenzene
Concen: 18.860 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	521912		
120	47.3	0.0	94.0	





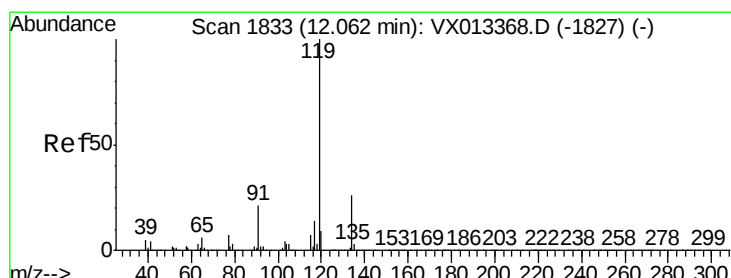
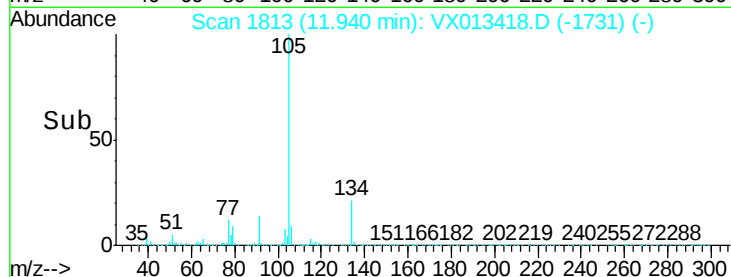
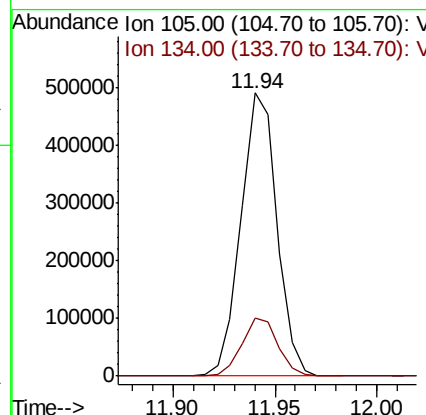
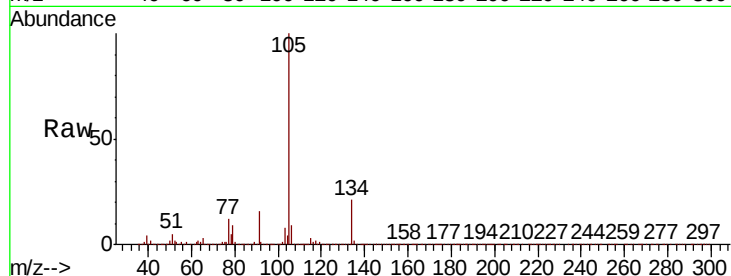
#81
 sec-Butylbenzene
 Concen: 18.760 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	41.2

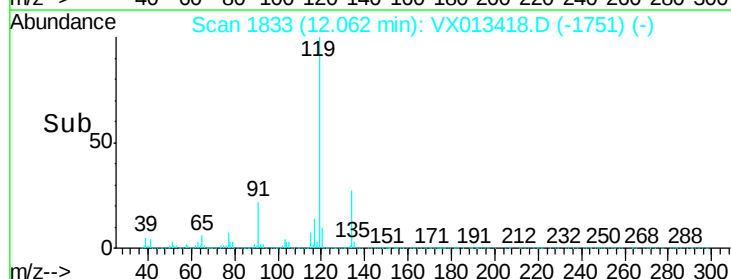
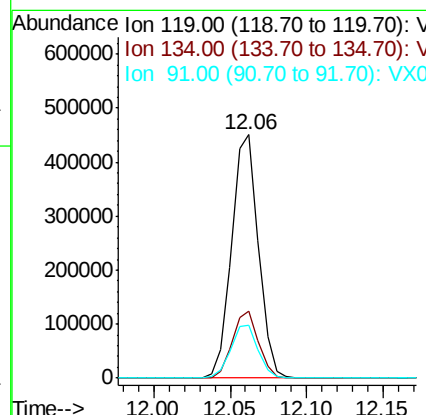
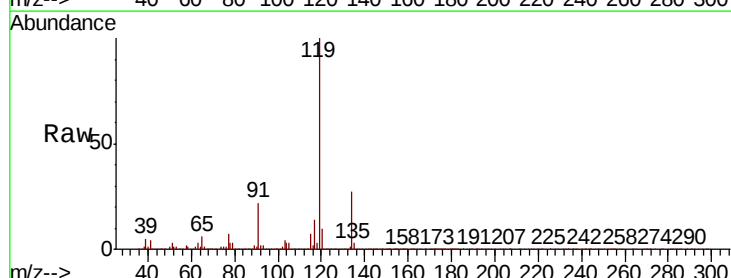
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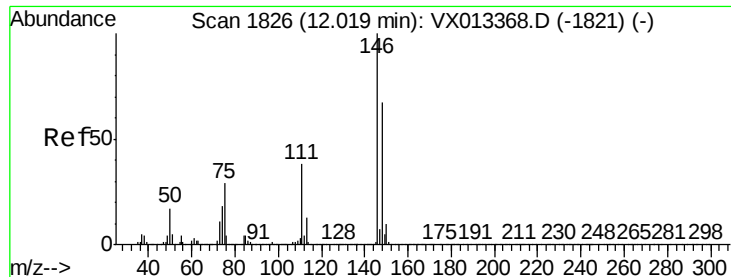
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#82
 p-Isopropyltoluene
 Concen: 18.487 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013418.D
 Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	51.6
91	22.2	0.0	44.2





#83

1,3-Dichlorobenzene

Concen: 18.314 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Instrument :

MSVOA_X

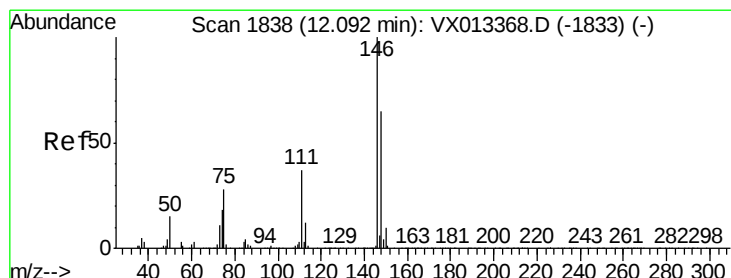
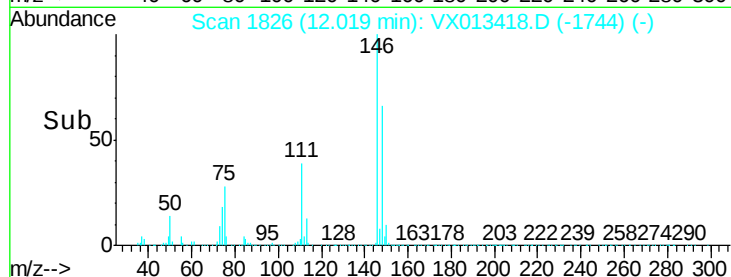
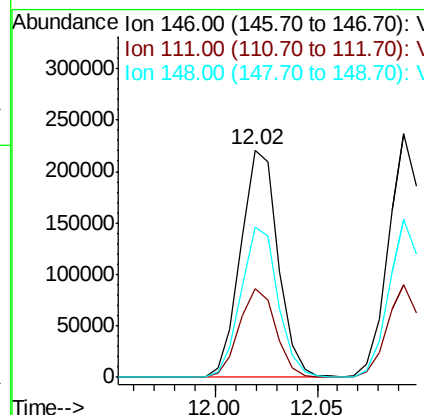
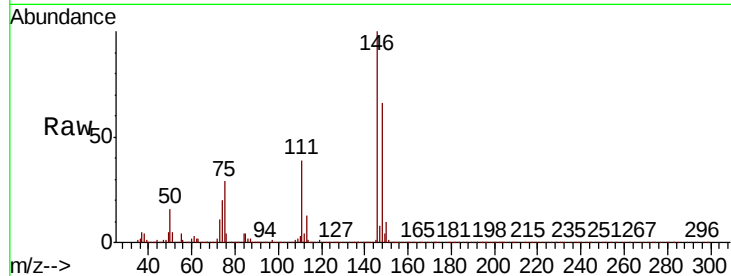
ClientSampleId :

VX1114WBSD01

Tot Ion:	146	Resp:	280524
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.8	56.3
148	65.0	32.3	96.9

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#84

1,4-Dichlorobenzene

Concen: 18.506 ug/l

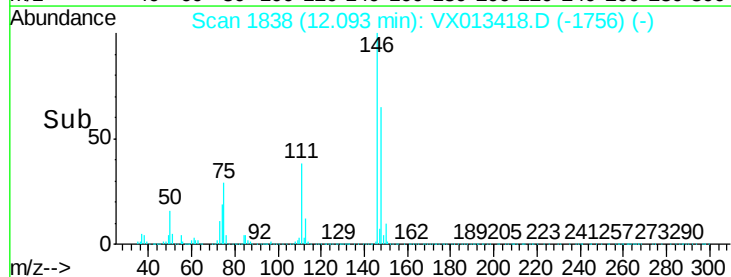
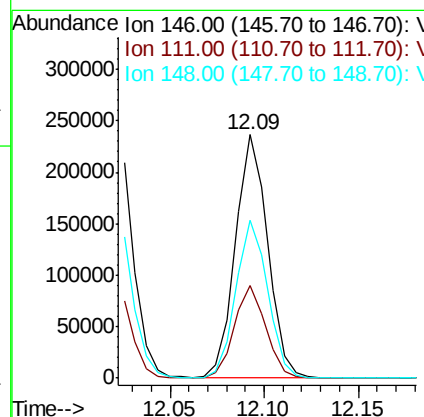
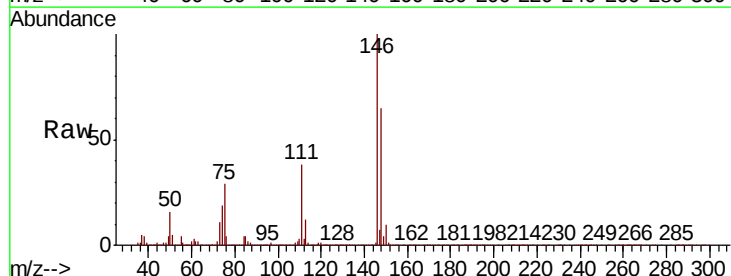
RT: 12.09 min Scan# 1838

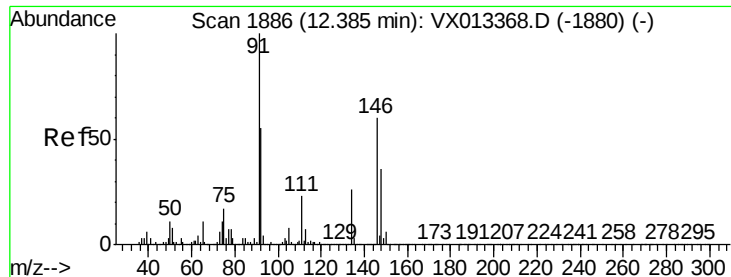
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion:	146	Resp:	281375
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.6	55.6
148	64.5	32.5	97.4





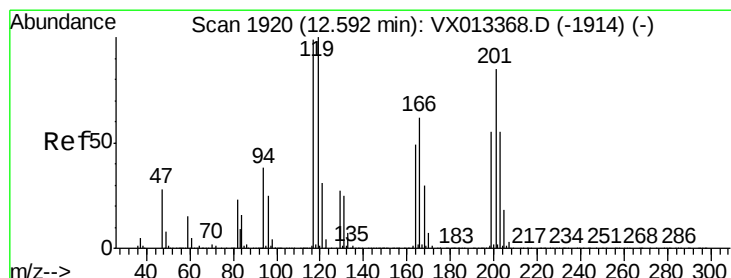
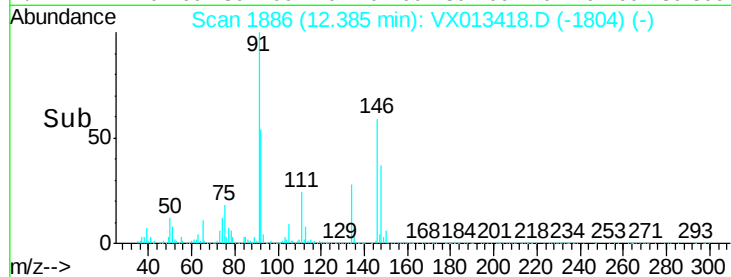
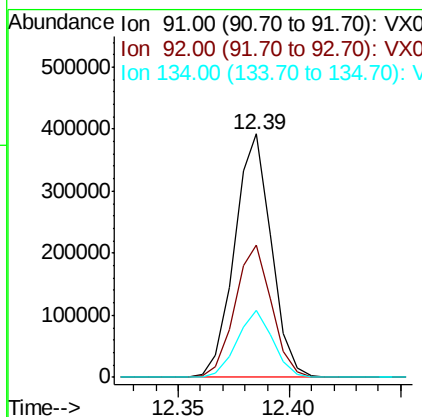
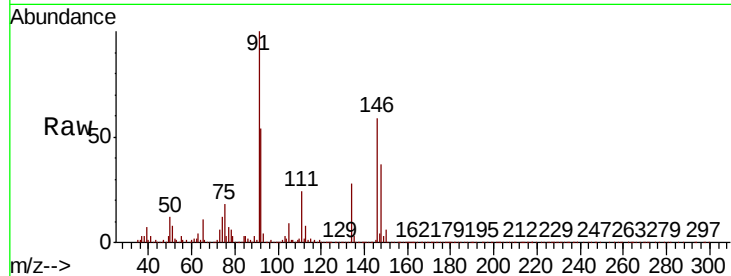
#85
n-Butylbenzene
Concen: 17.671 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	449207		
92	54.3	0.0	109.0	
134	27.1	0.0	53.0	

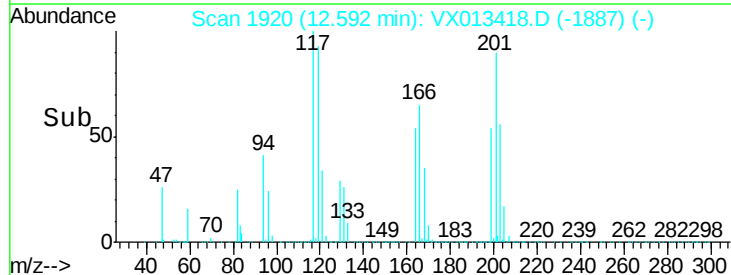
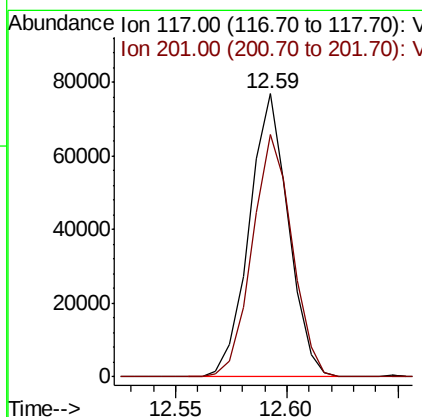
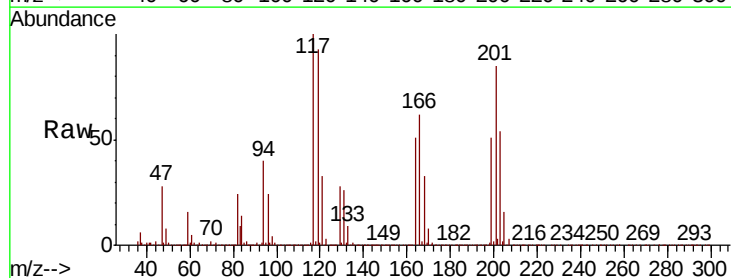
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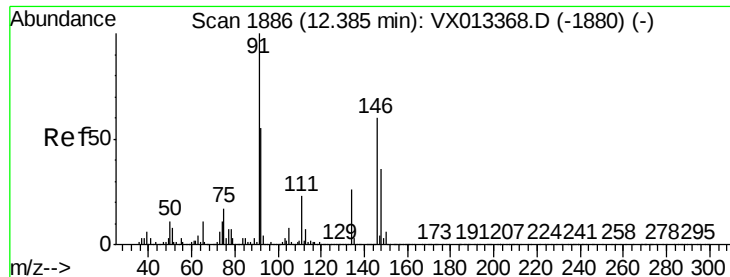
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#86
Hexachloroethane
Concen: 17.355 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93799		
201	87.7	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 18.825 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

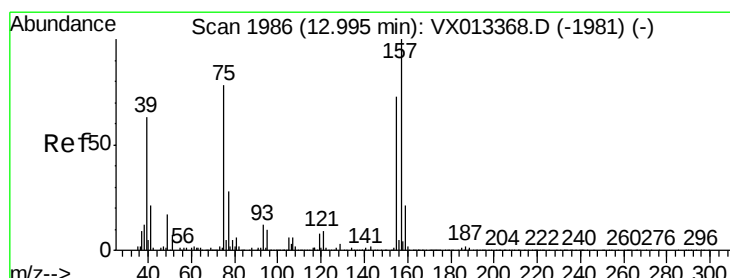
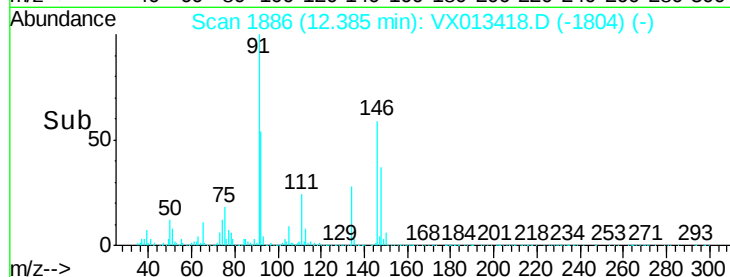
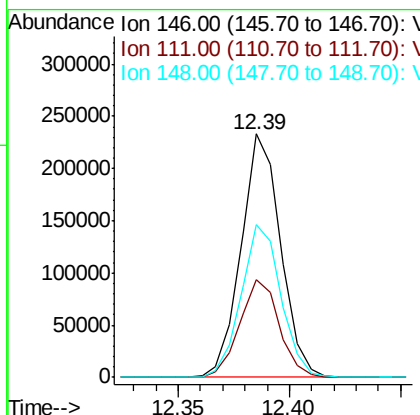
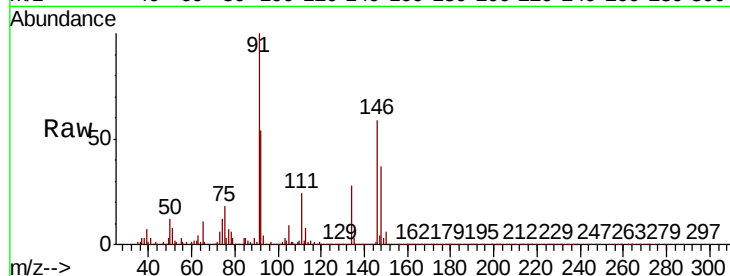
Instrument :
MSVOA_X

ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	63.3	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.564 ug/l

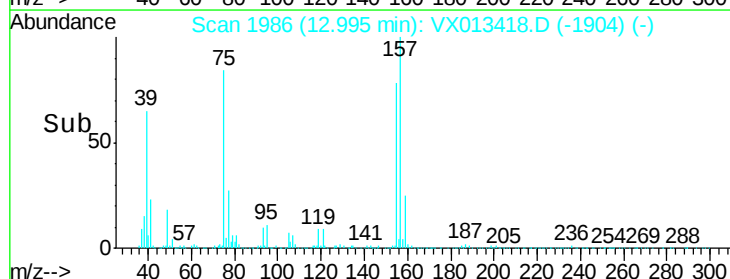
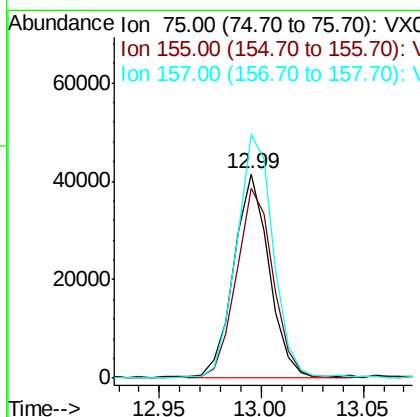
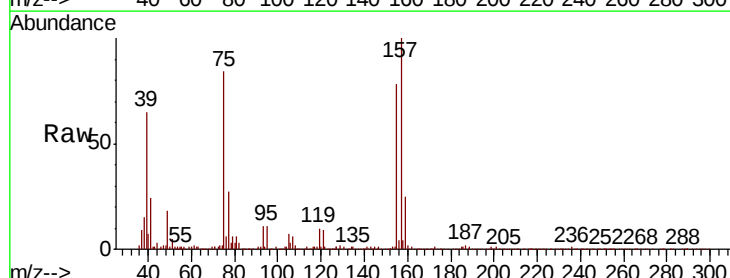
RT: 12.99 min Scan# 1986

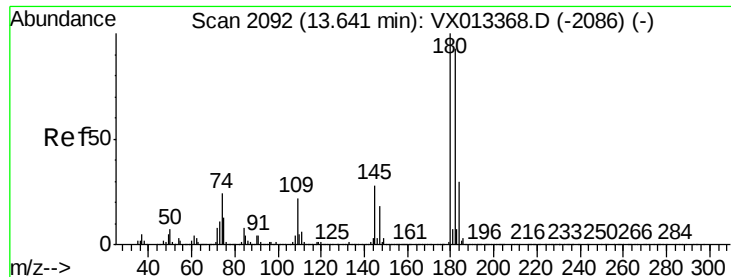
Delta R.T. 0.00 min

Lab File: VX013418.D

Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	76.9	115.3
157	123.5	101.2	151.8





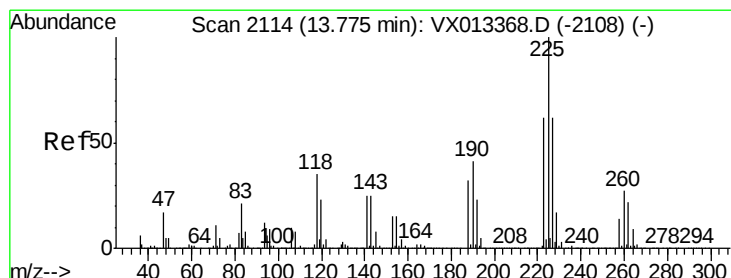
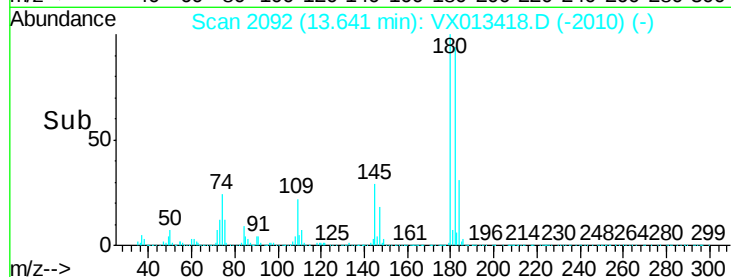
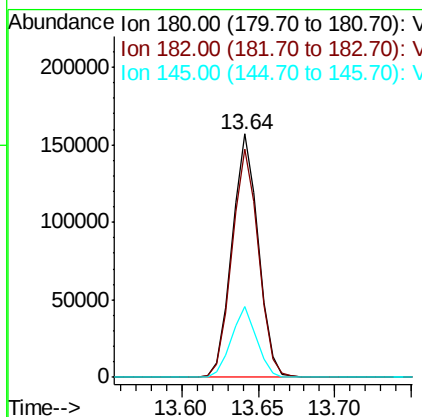
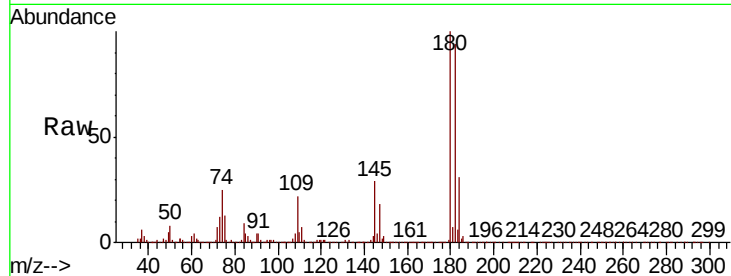
#89
1,2,4-Trichlorobenzene
Concen: 17.660 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	186508		
182	94.5	74.7	112.1	
145	27.6	22.1	33.1	

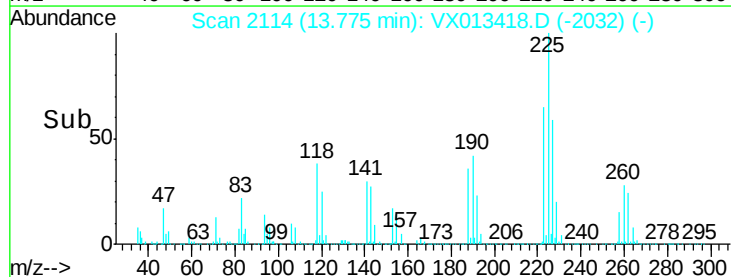
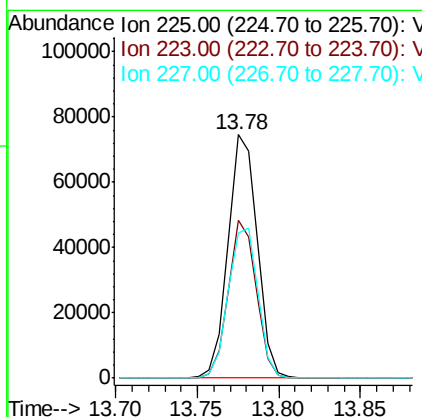
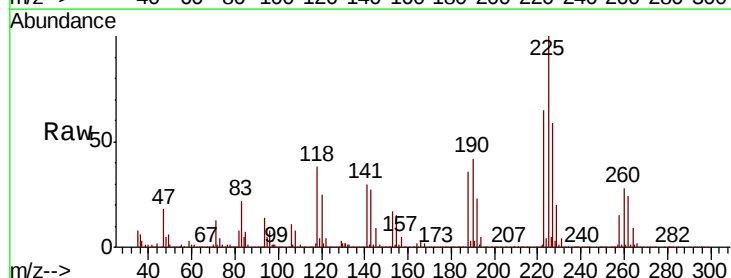
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#90
Hexachlorobutadiene
Concen: 18.273 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92472		
223	61.7	0.0	123.0	
227	62.9	0.0	121.8	





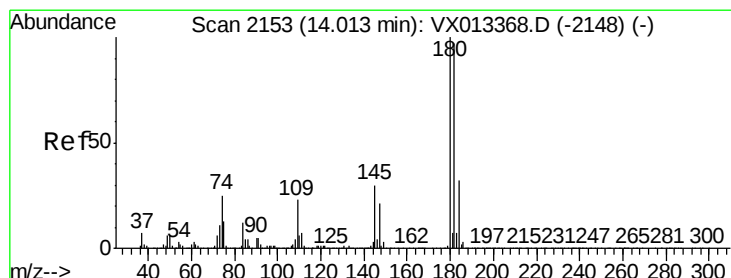
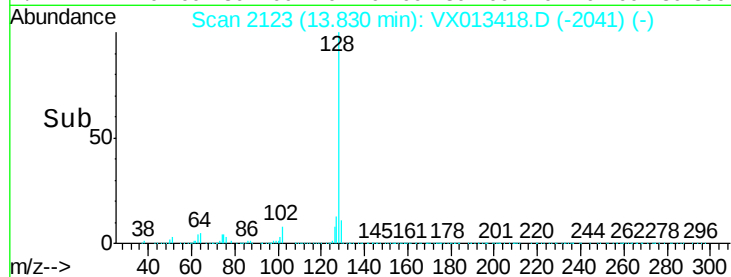
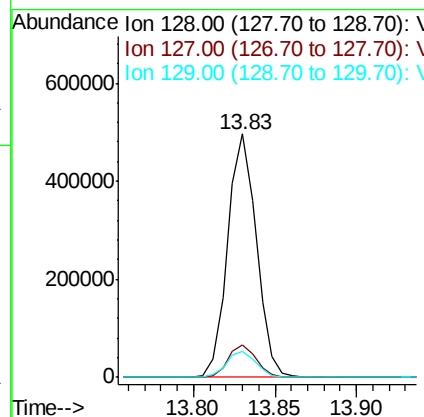
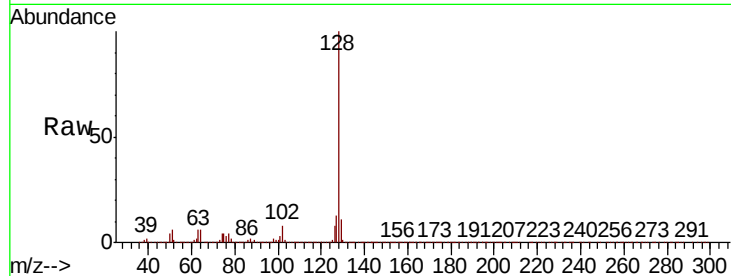
#91
Naphthalene
Concen: 18.182 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX1114WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 18.002 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013418.D
Acq: 14 Nov 2019 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	0.0	191.0
145	30.2	0.0	59.0

