

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013381.D
 Acq On : 12 Nov 2019 13:08
 Operator : JC/SP
 Sample : VX1112WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:38:19 AM

Quant Time: Nov 12 14:06:49 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	122412	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	687720	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	614389	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	263338	29.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.10%
60) 4-Bromofluorobenzene	11.14	95	291837	29.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.50%
63) Toluene-d8	8.71	98	837514	30.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	164461	17.931	ug/l 99
3) Chloromethane	1.31	50	183518	18.359	ug/l 96
4) Vinyl Chloride	1.40	62	205292	18.074	ug/l 100
5) Bromomethane	1.63	94	116632	17.081	ug/l 100
6) Chloroethane	1.72	64	116131	18.600	ug/l 99
7) Trichlorofluoromethane	1.92	101	214556	17.547	ug/l 98
8) Diethyl Ether	2.17	74	99654	17.849	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128451	17.460	ug/l 99
10) 1,1-Dichloroethene	2.36	96	133355	17.639	ug/l 97
11) Methyl Iodide	2.50	142	153885	16.485	ug/l 99
12) Methyl Acetate	2.76	43	234320	17.688	ug/l 100
13) Acrolein	2.28	56	118452	84.176	ug/l 98
14) Acrylonitrile	3.13	53	400882	82.292	ug/l 99
15) Acetone	2.43	58	116755	79.134	ug/l 99
16) Carbon Disulfide	2.56	76	363469	17.237	ug/l 99
17) Allyl chloride	2.72	41	239351	17.192	ug/l 98
18) Methylene Chloride	2.84	84	150025	17.490	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	143013	17.700	ug/l 98
20) Diisopropyl ether	3.84	45	477255	17.818	ug/l 98
21) 1,1-Dichloroethane	3.69	63	259917	17.816	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	163062	17.701	ug/l 96
23) tert-Butyl Alcohol	3.03	59	191353	81.622	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	441075	17.628	ug/l 99
25) Chloroform	5.20	83	257377	18.023	ug/l 98
26) Cyclohexane	5.57	56	230723	17.415	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	186887	17.792	ug/l 100
30) 2-Butanone	4.65	43	601761	86.793	ug/l 100
31) 2,2-Dichloropropane	4.57	77	199309	17.520	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	212416	18.194	ug/l 98
33) Carbon Tetrachloride	5.78	117	183036	18.049	ug/l 94
34) Benzene	6.14	78	587148	18.428	ug/l 97
35) Methacrylonitrile	5.03	41	122599	17.707	ug/l 96
36) 1,2-Dichloroethane	6.18	62	203834	18.277	ug/l 99
37) Trichloroethene	7.20	130	153052	17.931	ug/l 98
38) Methylcyclohexane	7.46	83	227974	17.700	ug/l 99
39) 1,2-Dichloropropane	7.51	63	153676	18.654	ug/l 99
40) Dibromomethane	7.65	93	97366	17.759	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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 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	190065	17.759	ug/l	93
42) Vinyl Acetate	3.80	43	1970687	90.280	ug/l	100
43) Ethyl Acetate	4.82	43	222747	17.615	ug/l	99
44) Isopropyl Acetate	6.43	43	358269	17.625	ug/l	99
45) 1,4-Dioxane	7.73	88	79208	352.947	ug/l	98
46) Methyl methacrylate	7.76	41	175629	17.370	ug/l	99
47) n-amyl Acetate	10.89	43	307804	17.263	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	210750	17.561	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	236373	17.975	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	150380	18.536	ug/l	99
51) Ethyl methacrylate	9.17	69	236159	17.680	ug/l	97
52) 1,3-Dichloropropane	9.37	76	250328	18.049	ug/l	99
53) Dibromochloromethane	9.57	129	151778	17.652	ug/l	98
54) 1,2-Dibromoethane	9.67	107	157252	18.127	ug/l	94
55) 2-Chloroethyl vinyl ether	8.31	63	523572	91.734	ug/l	99
56) Bromoform	10.85	173	116590	17.038	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1157423	90.179	ug/l	99
59) 2-Hexanone	9.48	43	886056	87.251	ug/l	100
61) Tetrachloroethene	9.33	164	139603	18.427	ug/l	96
62) Toluene	8.78	91	631145	18.442	ug/l	99
64) Chlorobenzene	10.14	112	387583	18.113	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	144957	18.098	ug/l	98
66) Ethyl Benzene	10.25	91	682337	18.149	ug/l	99
67) m/p-Xylenes	10.35	106	519302	35.807	ug/l	99
68) o-Xylene	10.70	106	253705	18.127	ug/l	98
69) Styrene	10.71	104	425849	17.818	ug/l	98
70) Isopropylbenzene	11.01	105	674810	18.297	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	239186	18.113	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	221535m	19.868	ug/l	
73) Bromobenzene	11.25	156	175015	17.995	ug/l	98
74) n-propylbenzene	11.35	91	762678	18.197	ug/l	100
75) 2-Chlorotoluene	11.42	91	453943	18.213	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	556278	17.945	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	74238	16.466	ug/l	98
78) 4-Chlorotoluene	11.51	91	507394	17.768	ug/l	100
79) tert-butylbenzene	11.76	119	566272	18.105	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	552578	17.887	ug/l	100
81) sec-Butylbenzene	11.94	105	640411	17.946	ug/l	99
82) p-Isopropyltoluene	12.06	119	587077	17.856	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	298872	17.479	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	299094	17.622	ug/l	98
85) n-Butylbenzene	12.38	91	485675	17.115	ug/l	100
86) Hexachloroethane	12.59	117	101156	16.766	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	307458	17.982	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	52350	17.727	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	197615	16.762	ug/l	97
90) Hexachlorobutadiene	13.77	225	94713	16.765	ug/l	97
91) Naphthalene	13.83	128	648577	17.375	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	203357	17.068	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

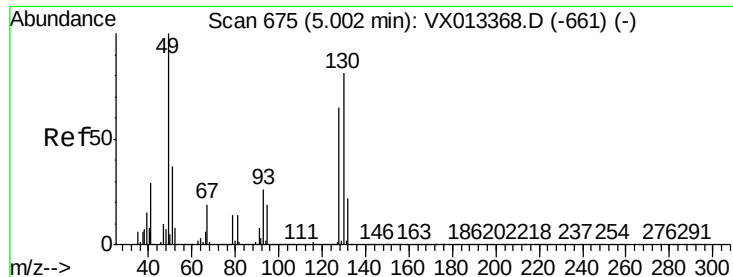
Manual Integrations
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QLast Update : Tue Nov 12 01:16:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range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



#1

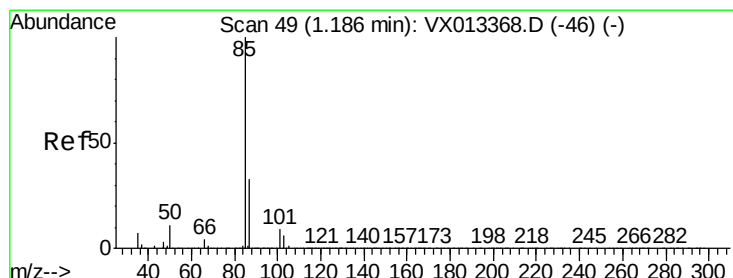
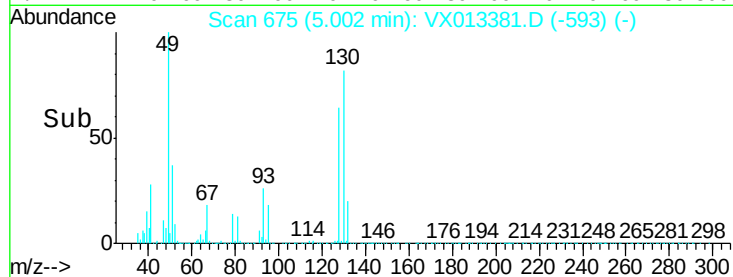
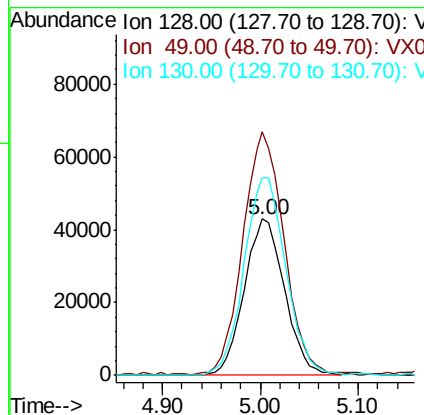
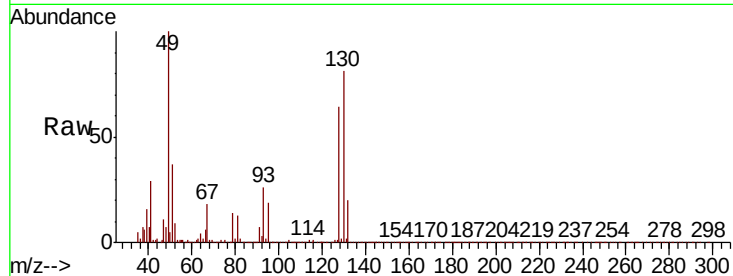
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.8	0.0	388.3
130	132.5	0.0	318.5

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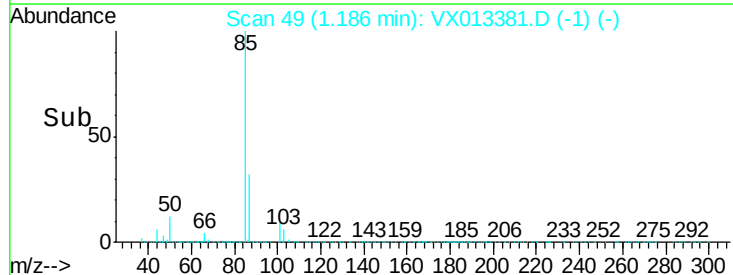
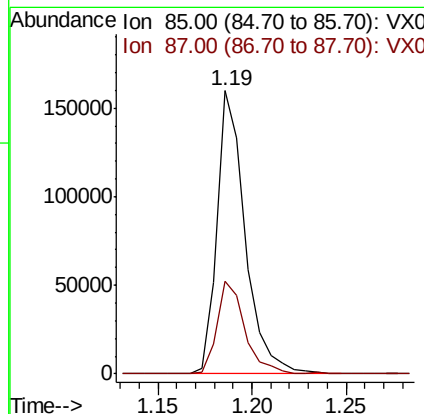
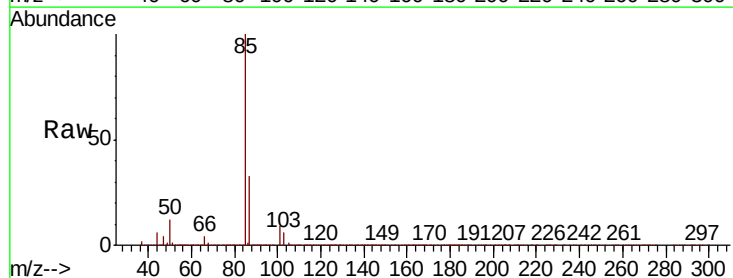
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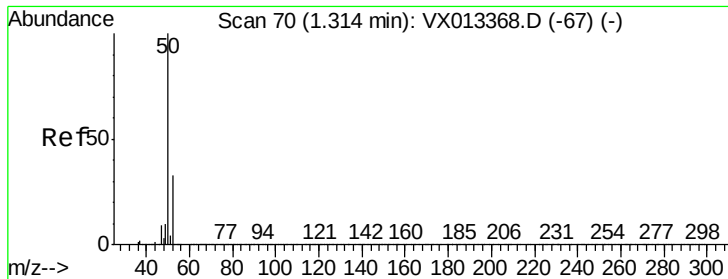


#2

Dichlorodifluoromethane
Concen: 17.931 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.7





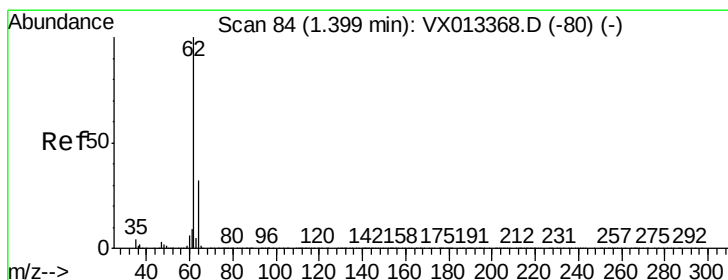
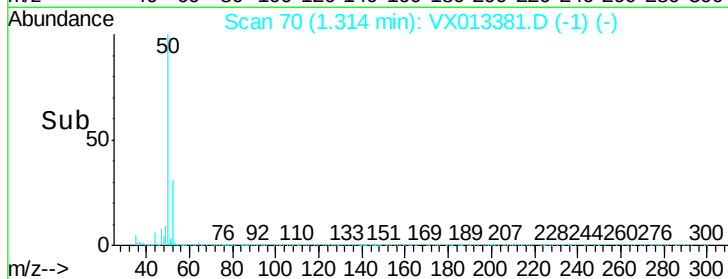
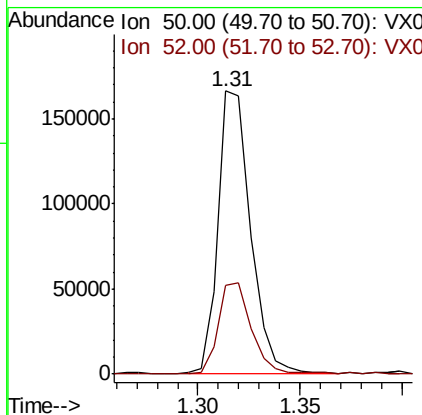
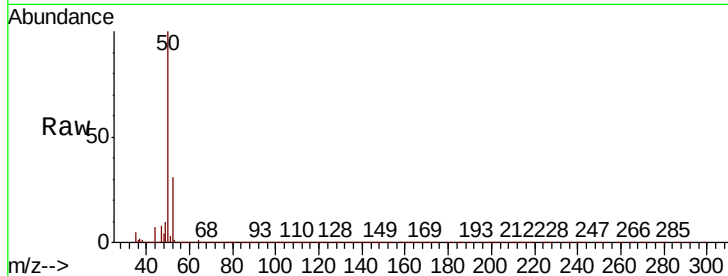
#3
Chloromethane
Concen: 18.359 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.6	40.0

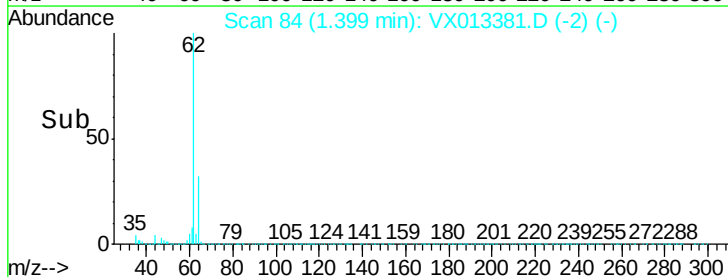
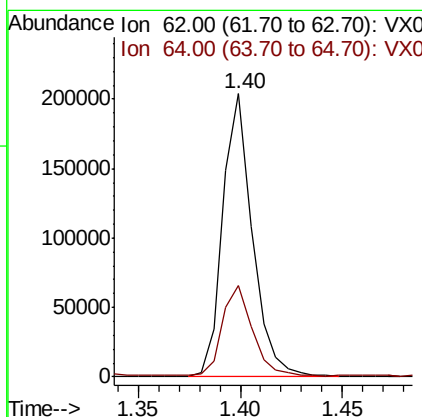
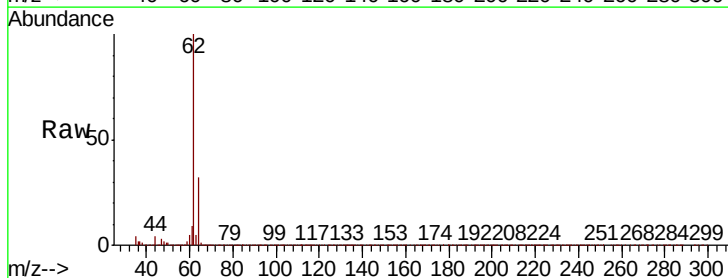
Manual Integrations
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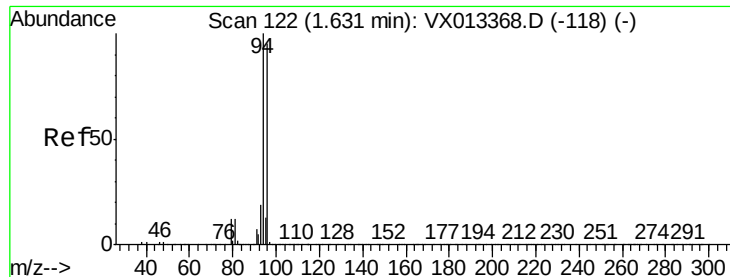
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#4
Vinyl Chloride
Concen: 18.074 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.4	38.2





#5

Bromomethane

Concen: 17.081 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 94 Resp: 116632

Ion Ratio Lower Upper

94 100

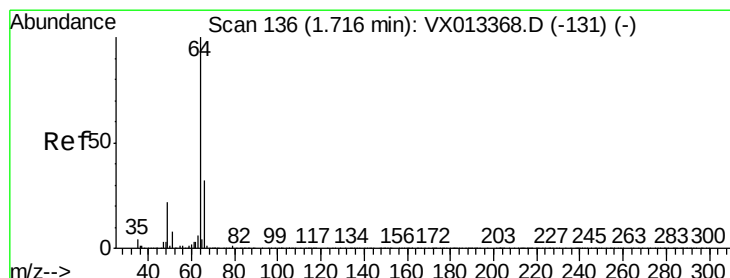
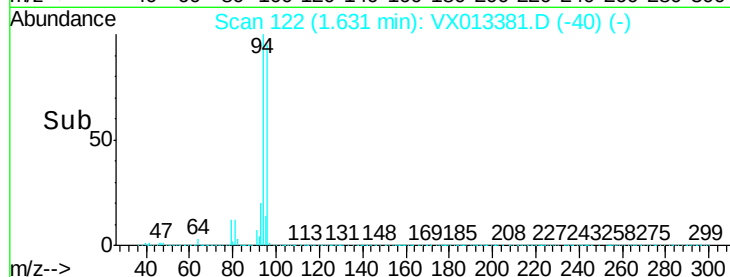
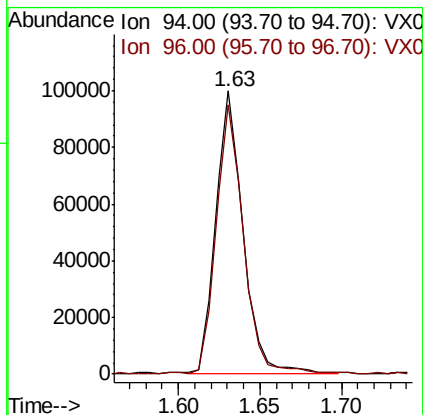
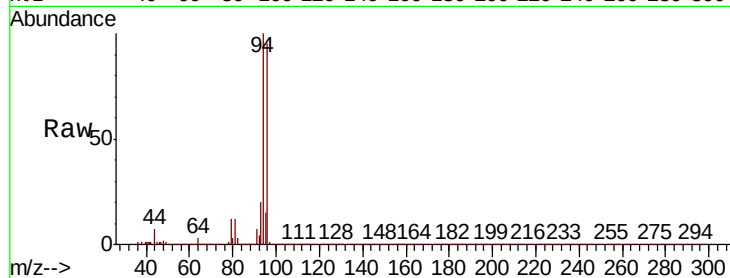
96 94.9 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 18.600 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013381.D

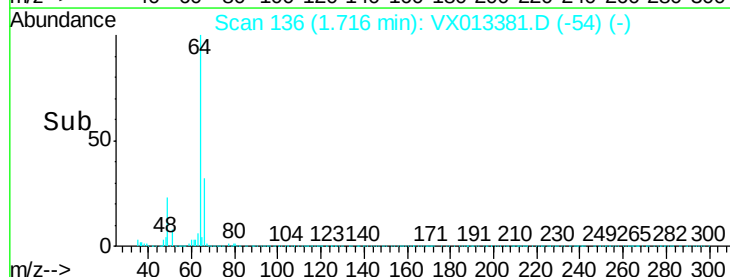
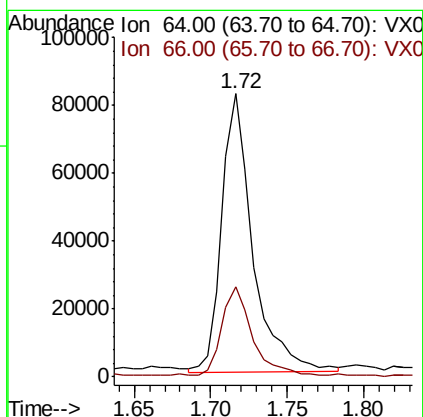
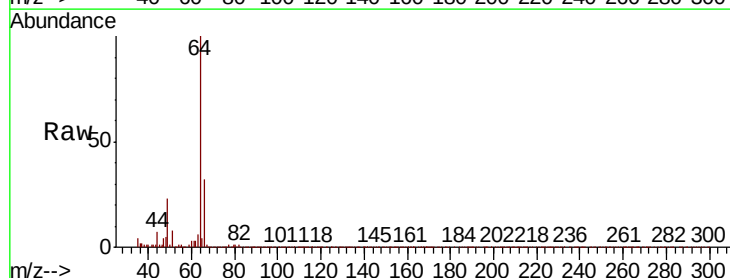
Acq: 12 Nov 2019 13:08

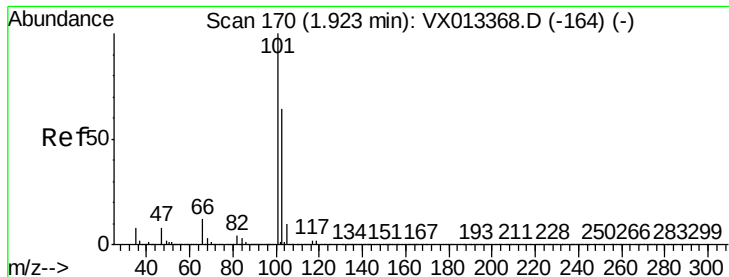
Tgt Ion: 64 Resp: 116131

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

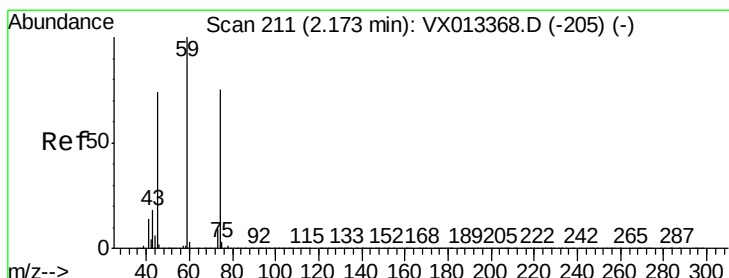
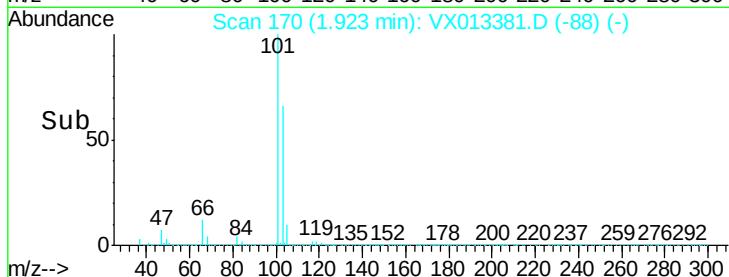
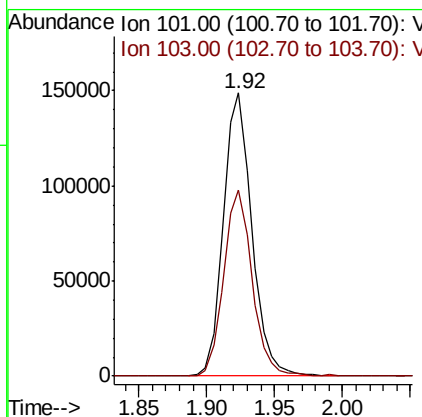
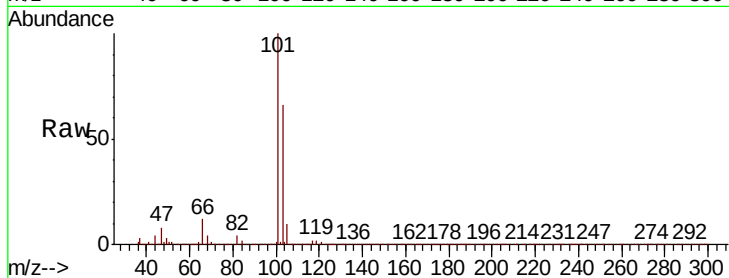
Trichlorofluoromethane
Concen: 17.547 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.2	76.8

Manual Integrations
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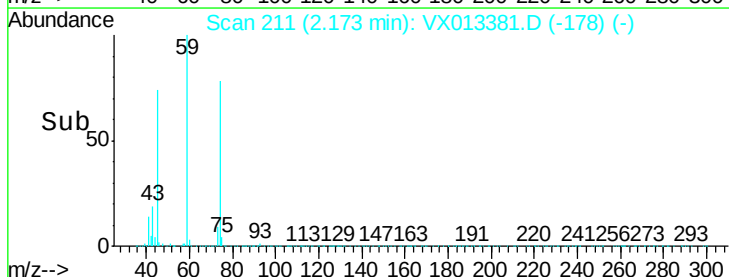
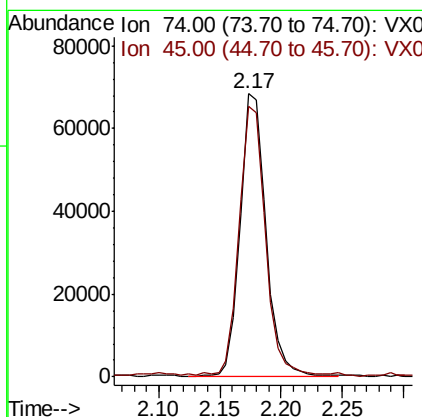
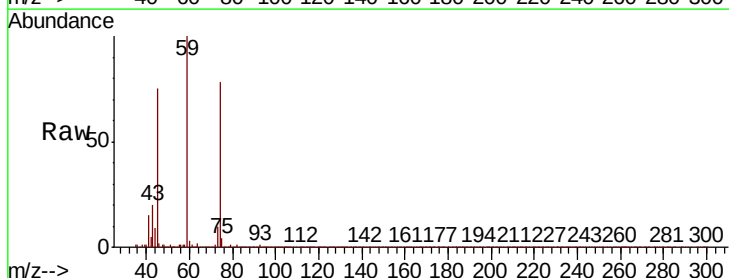
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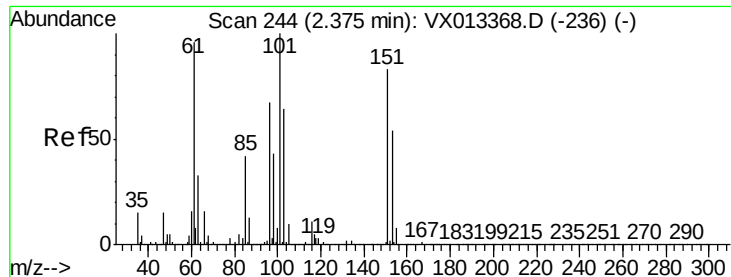


#8

Diethyl Ether
Concen: 17.849 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.460 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

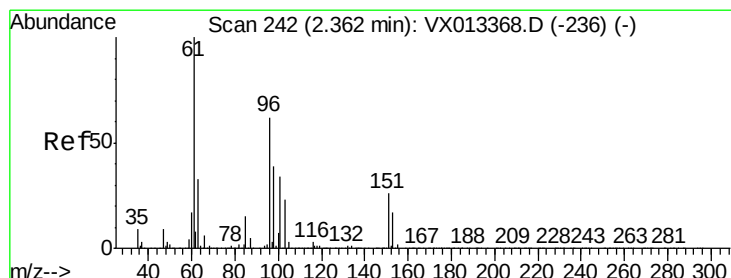
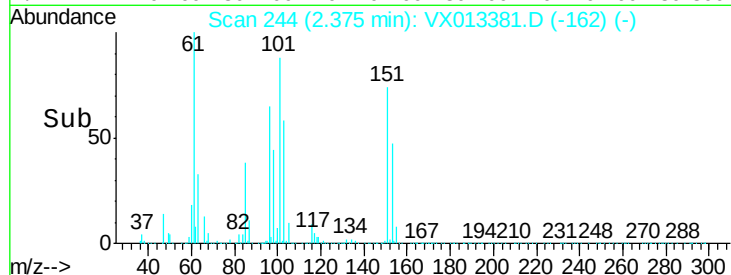
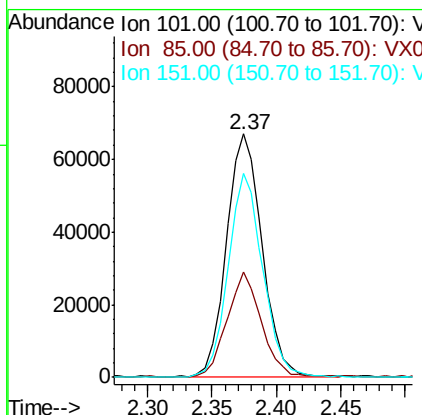
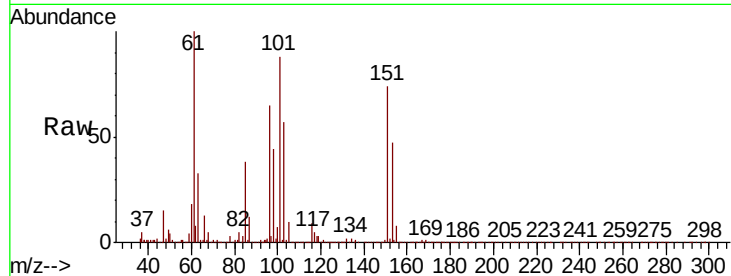
ClientSampleId :

VX1112WBSD01

Tot Ion:	101	Resp:	128451
Ion Ratio	Lower	Upper	
101	100		
85	41.3	0.0	83.2
151	81.4	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.639 ug/l

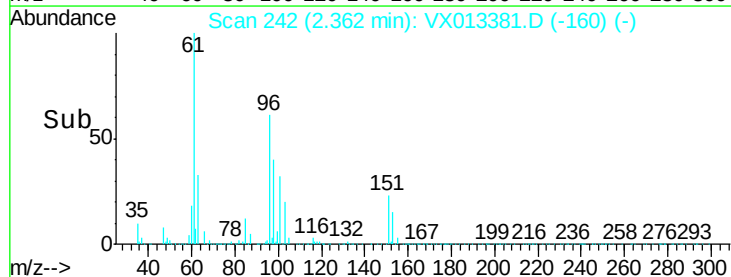
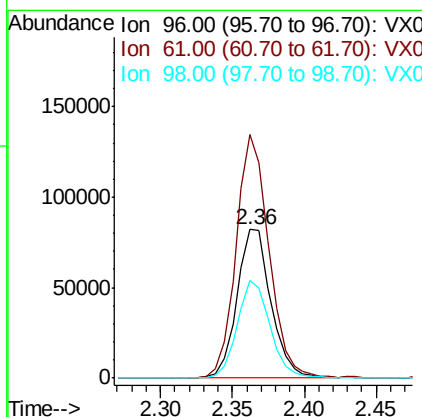
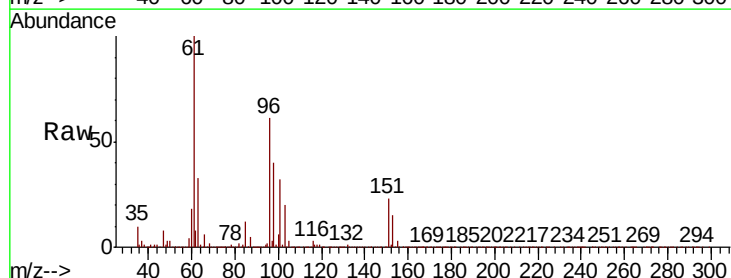
RT: 2.36 min Scan# 242

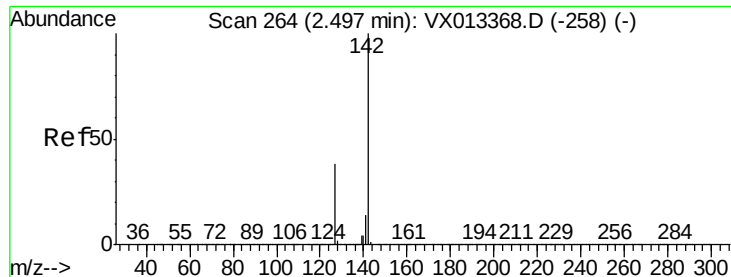
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	96	Resp:	133355
Ion Ratio	Lower	Upper	
96	100		
61	163.9	128.9	193.3
98	65.1	49.7	74.5





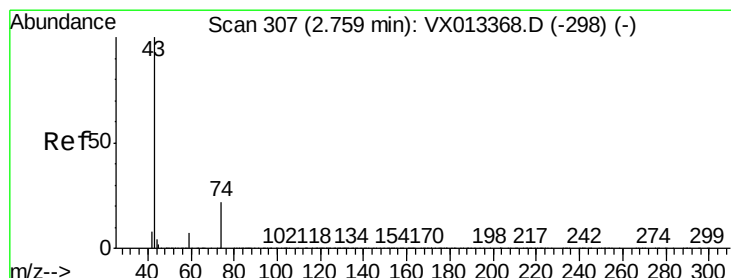
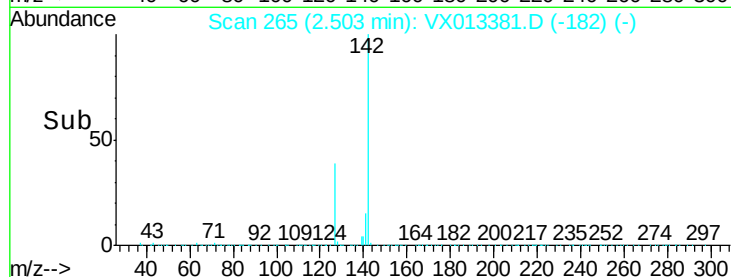
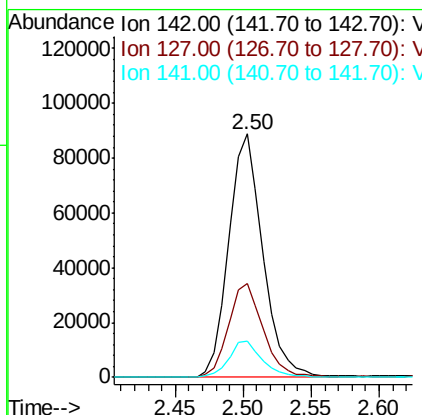
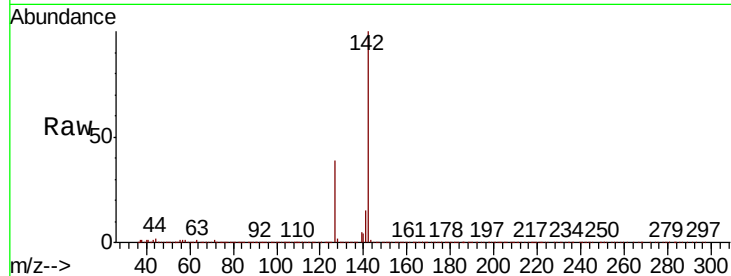
#11
Methvl Iodide
Concen: 16.485 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.6	19.1	57.5
141	14.5	7.0	21.0

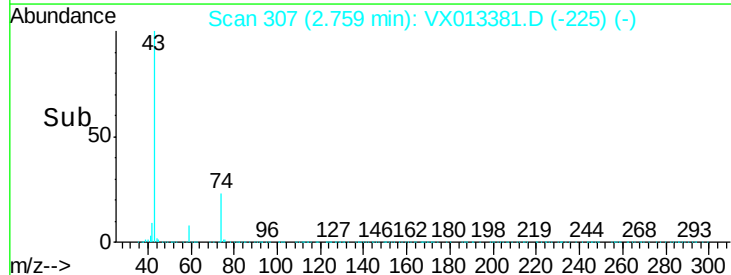
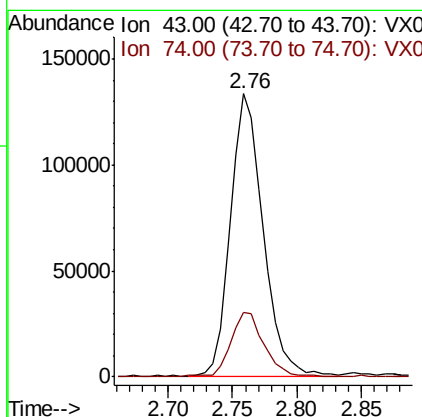
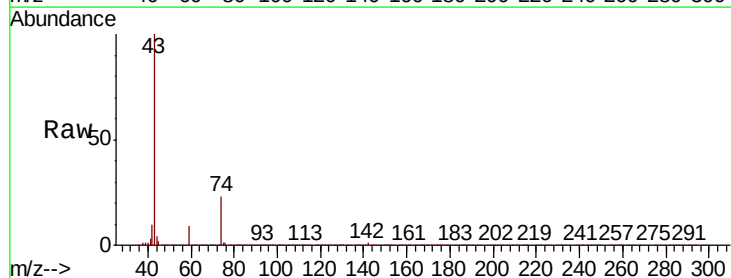
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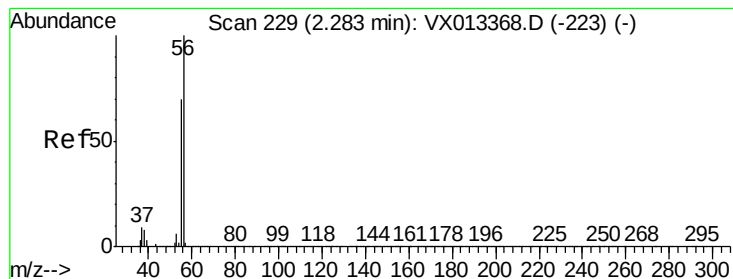
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#12
Methyl Acetate
Concen: 17.688 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.0	27.0





#13

Acrolein

Concen: 84.176 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 56 Resp: 118452

Ion Ratio Lower Upper

56 100

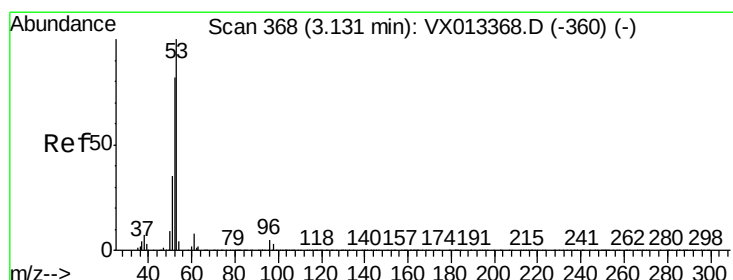
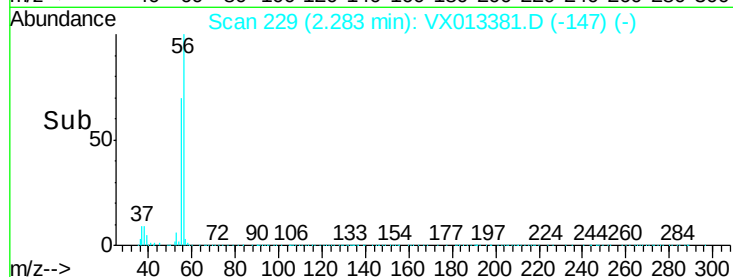
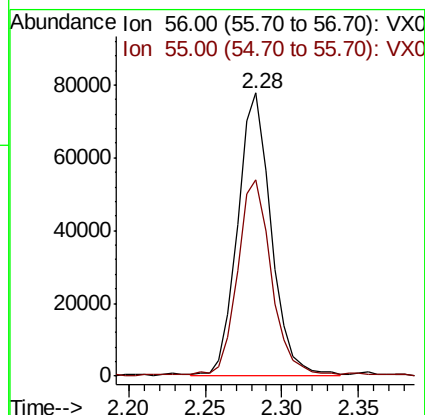
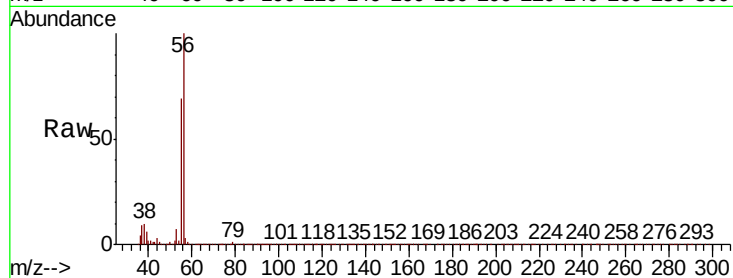
55 68.2 55.8 83.8

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#14

Acrylonitrile

Concen: 82.292 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

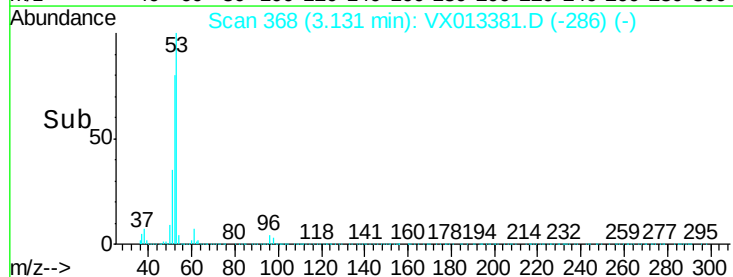
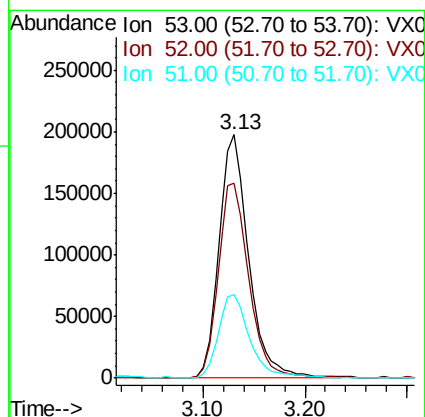
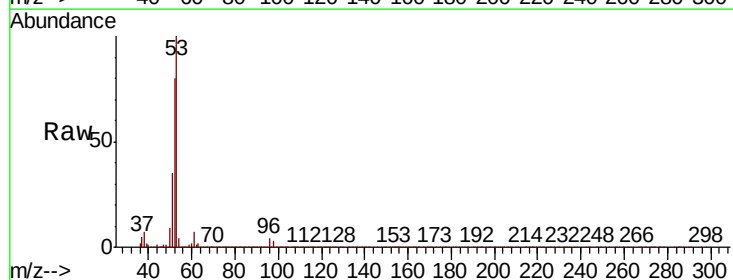
Tgt Ion: 53 Resp: 400882

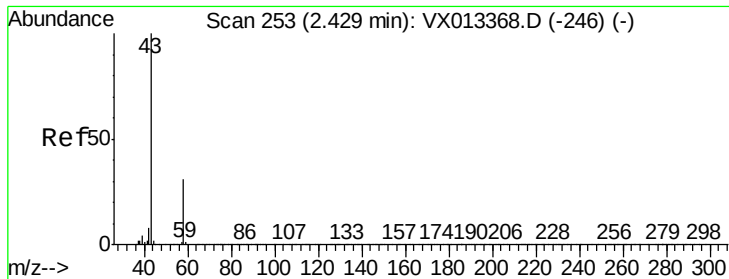
Ion Ratio Lower Upper

53 100

52 82.1 41.0 123.0

51 36.1 17.3 51.9





#15

Acetone

Concen: 79.134 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 58 Resp: 116755

Ion Ratio Lower Upper

58 100

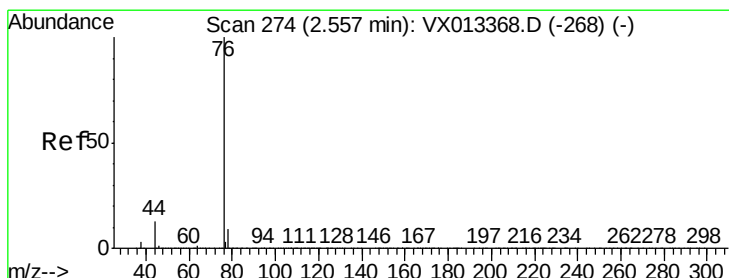
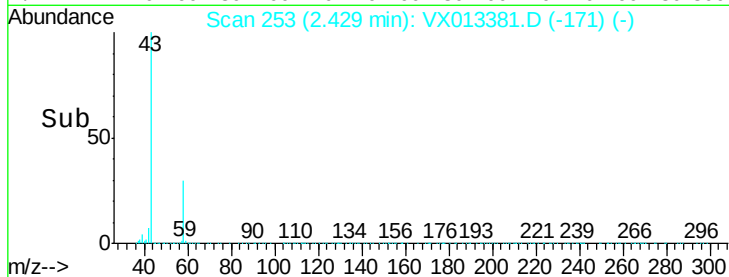
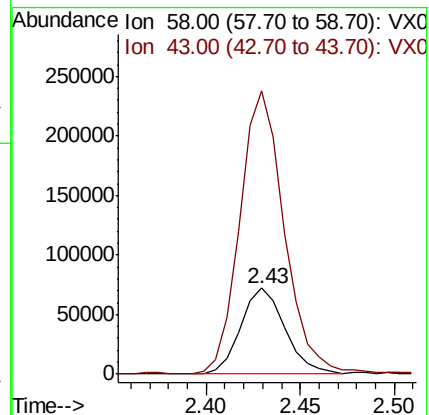
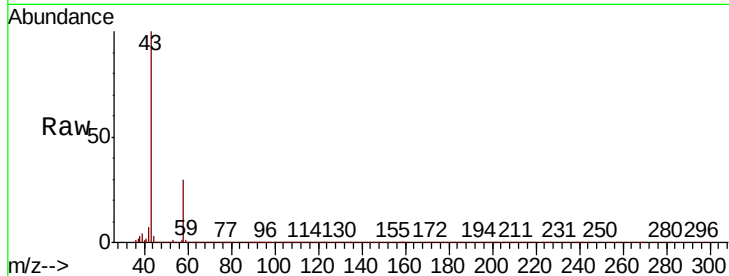
43 328.9 261.4 392.2

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#16

Carbon Disulfide

Concen: 17.237 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013381.D

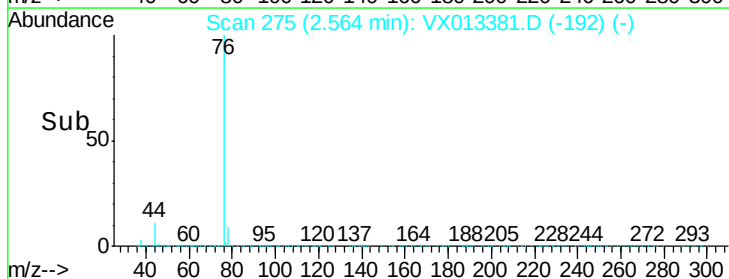
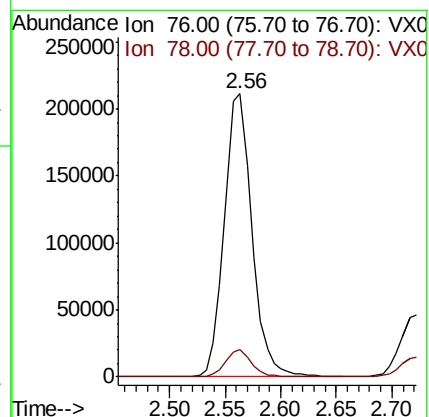
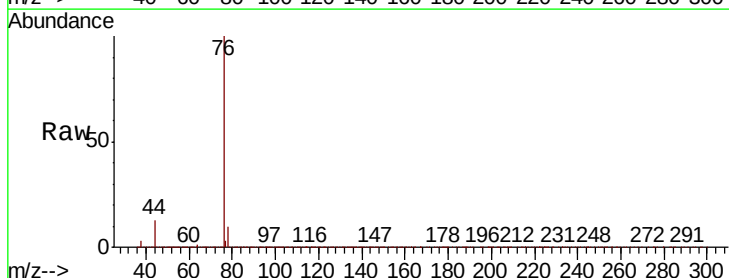
Acq: 12 Nov 2019 13:08

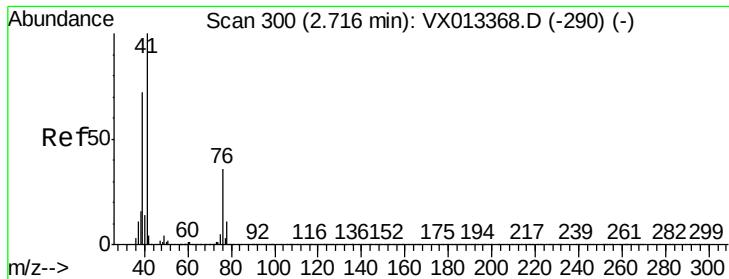
Tgt Ion: 76 Resp: 363469

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0





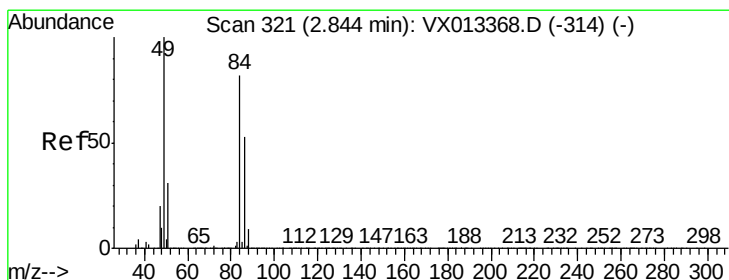
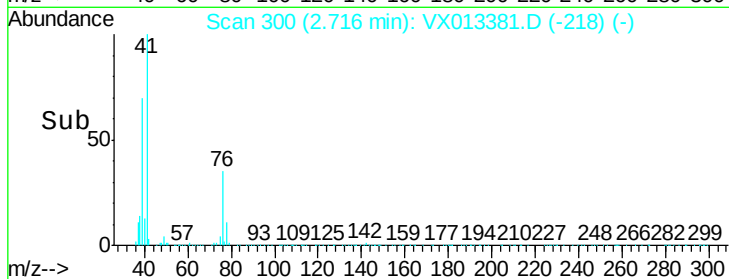
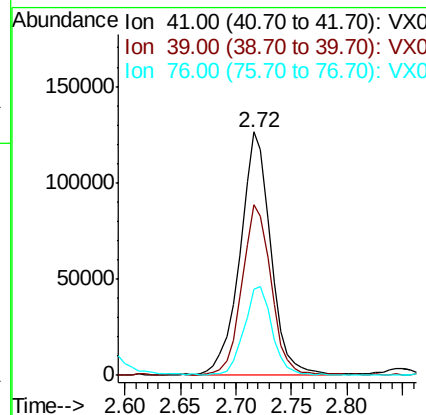
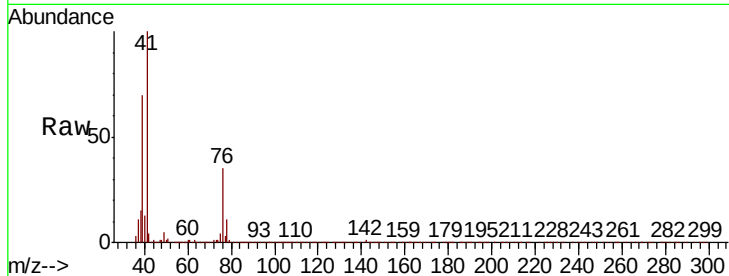
#17
Allvl chloride
Concen: 17.192 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	239351		
39	70.2	36.1	108.3	
76	35.1	18.1	54.4	

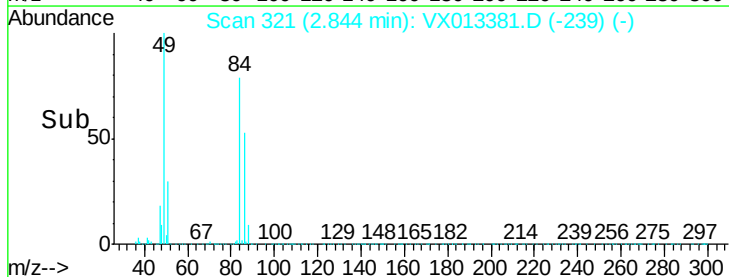
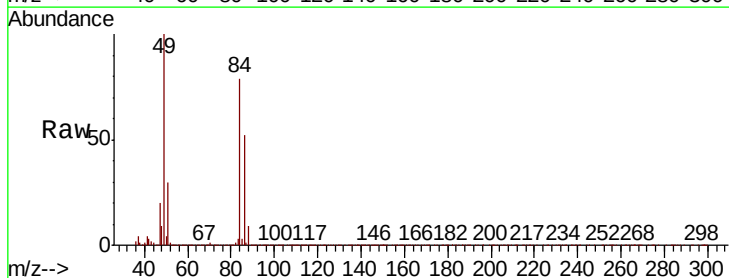
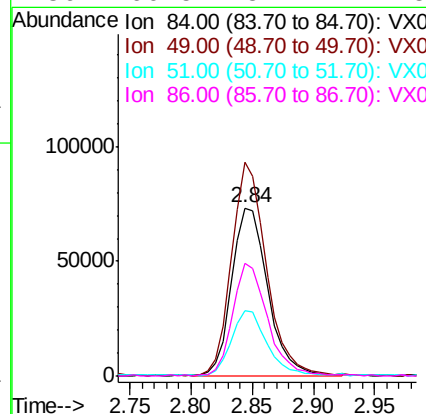
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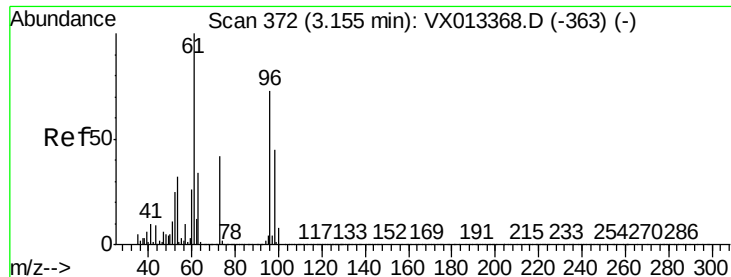
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#18
Methylene Chloride
Concen: 17.490 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	150025		
49	126.9	96.8	145.2	
51	38.3	30.0	45.0	
86	66.5	51.7	77.5	





#19

trans-1,2-Dichloroethene

Concen: 17.700 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

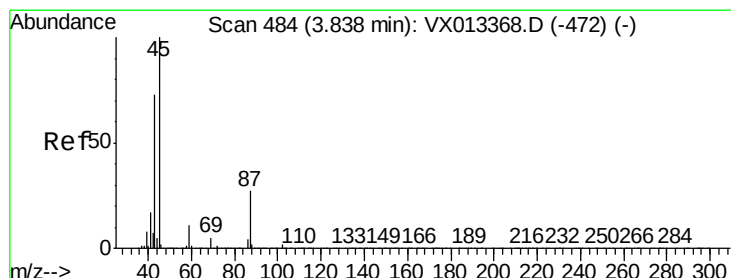
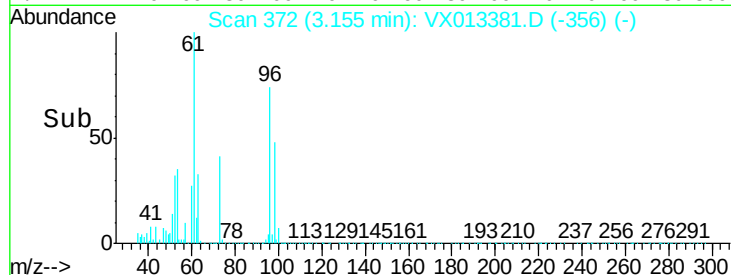
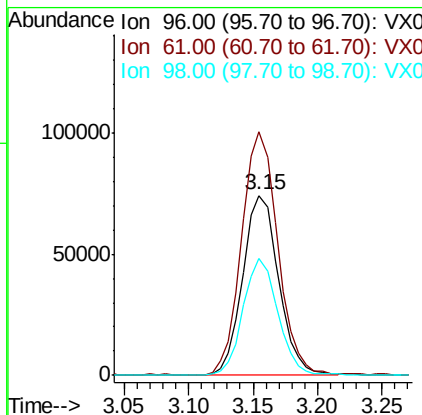
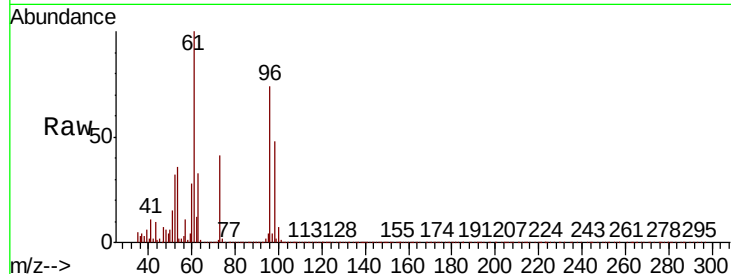
ClientSampleId :

VX1112WBSD01

Tot Ion:	96	Resp:	143013
Ion	Ratio	Lower	Upper
96	100		
61	135.3	109.9	164.9
98	64.7	49.7	74.5

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#20

Diisopropyl ether

Concen: 17.818 ug/l

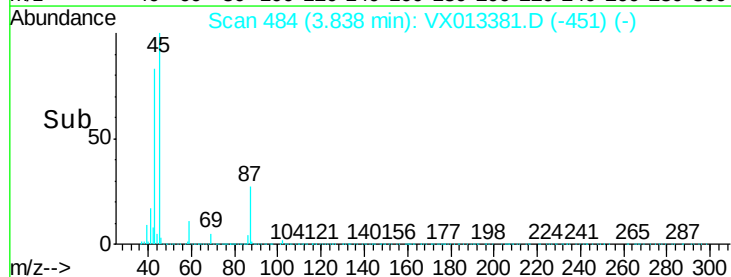
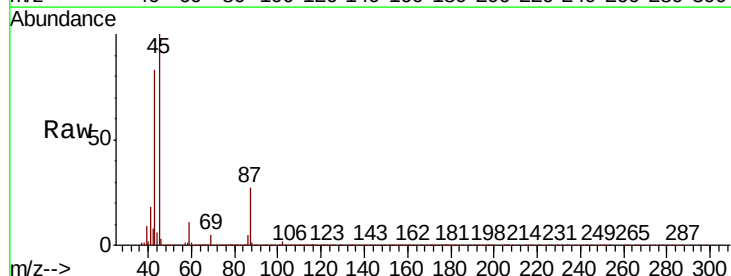
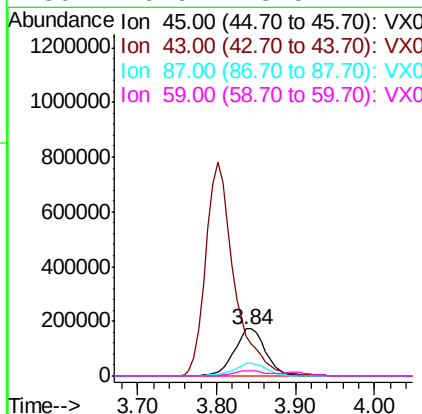
RT: 3.84 min Scan# 484

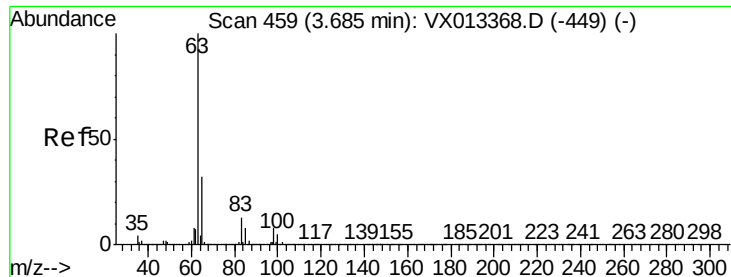
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	45	Resp:	477255
Ion	Ratio	Lower	Upper
45	100		
43	82.4	67.7	101.5
87	26.9	21.5	32.3
59	10.9	8.5	12.7





#21

1,1-Dichloroethane

Concen: 17.816 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

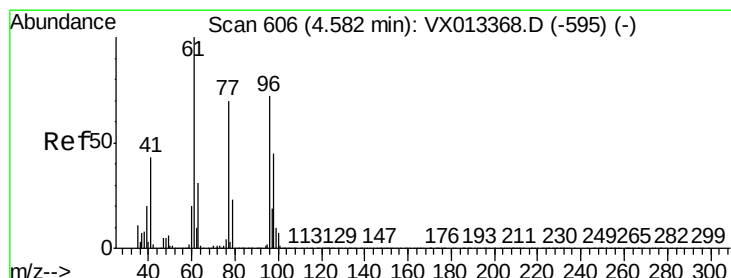
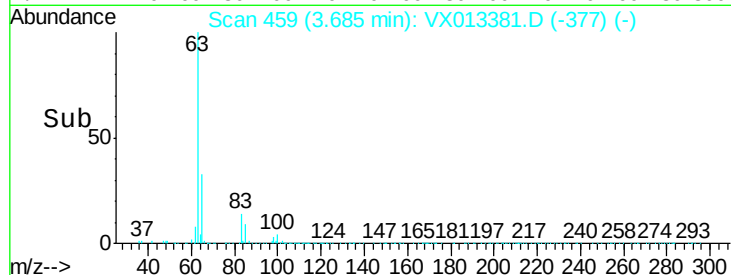
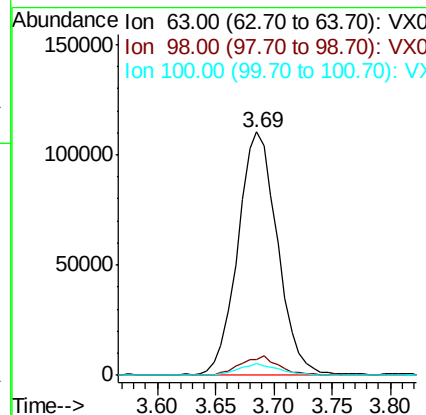
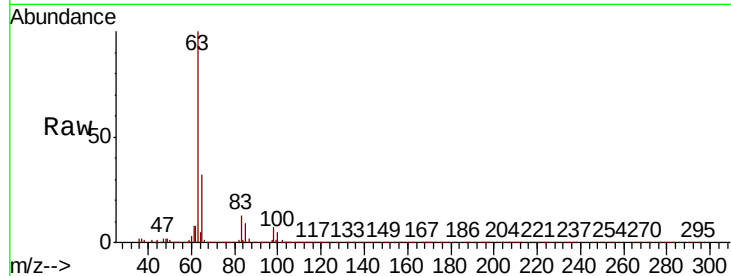
ClientSampleId :

VX1112WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.4	4.0	11.9	
100	4.6	2.5	7.5	

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#22

cis-1,2-Dichloroethene

Concen: 17.701 ug/l

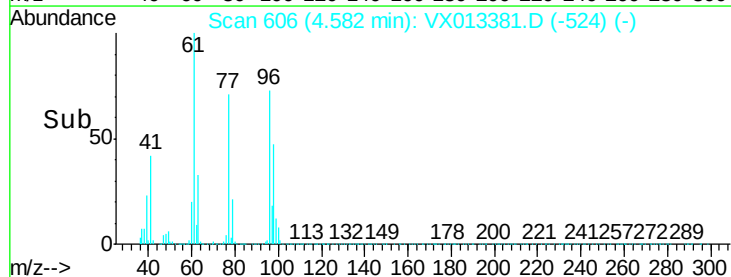
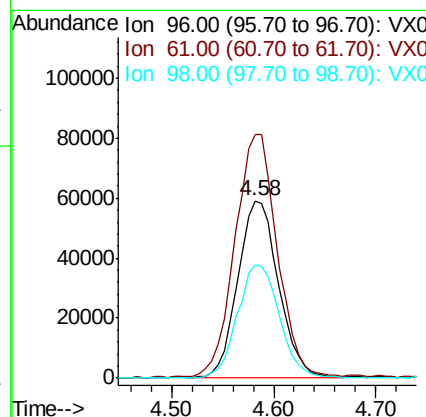
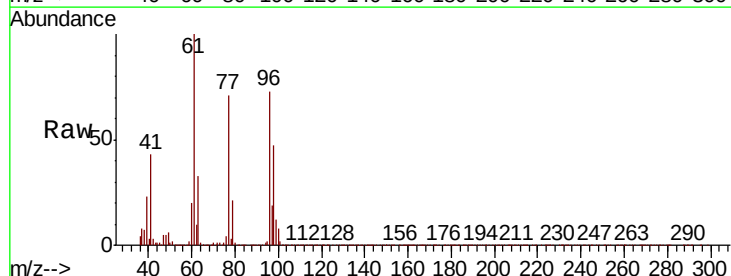
RT: 4.58 min Scan# 606

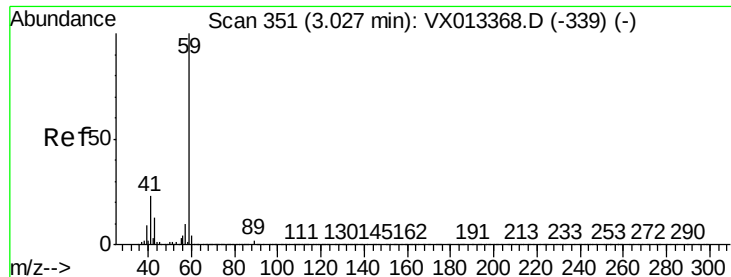
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.8	117.0	175.6	
98	65.6	51.1	76.7	





#23

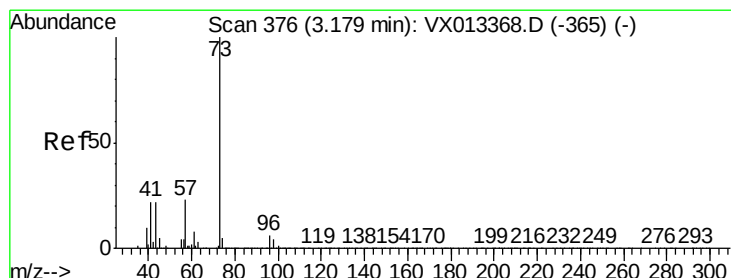
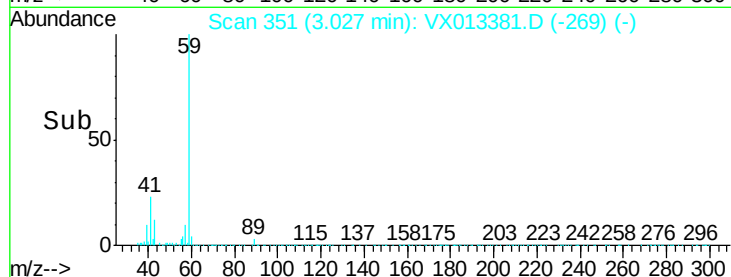
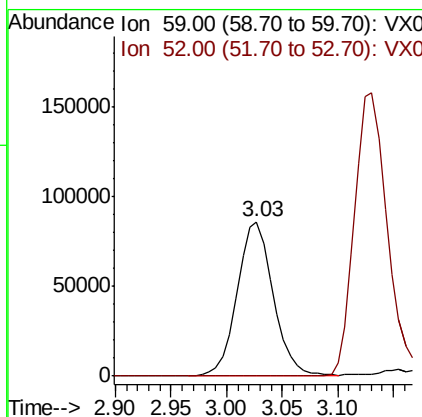
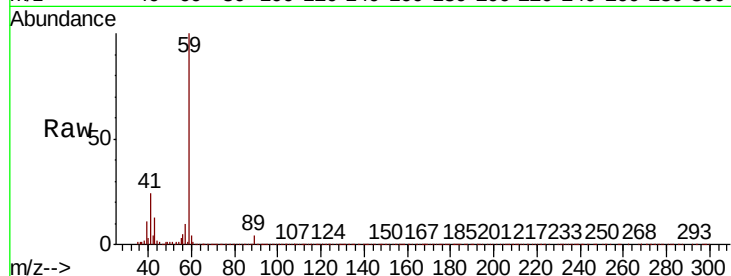
tert-Butyl Alcohol
 Concen: 81.622 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

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

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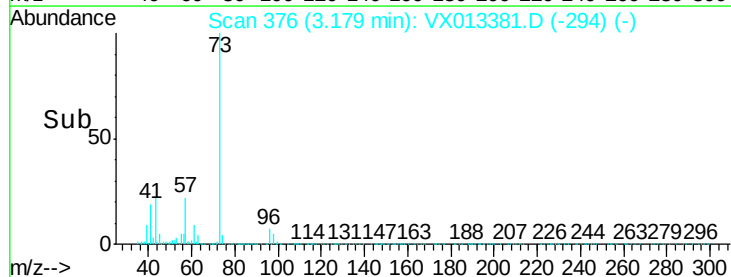
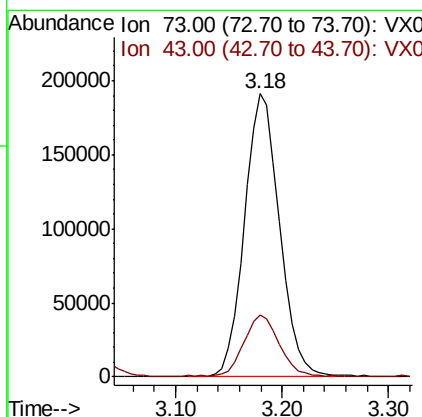
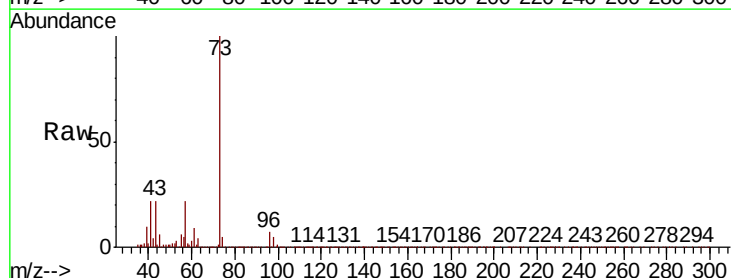
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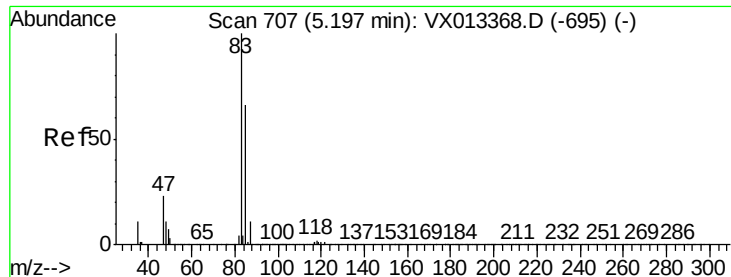


#24

Methyl tert-Butyl Ether
 Concen: 17.628 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.0	25.6





#25

Chloroform

Concen: 18.023 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 83 Resp: 257377

Ion Ratio Lower Upper

83 100

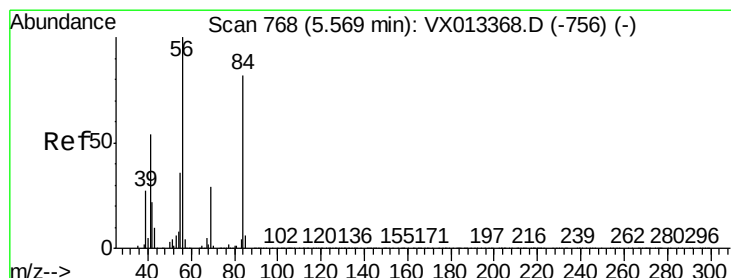
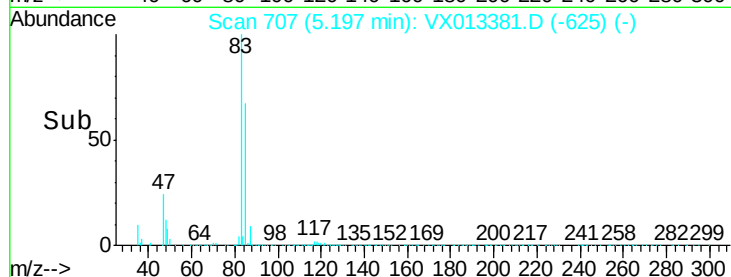
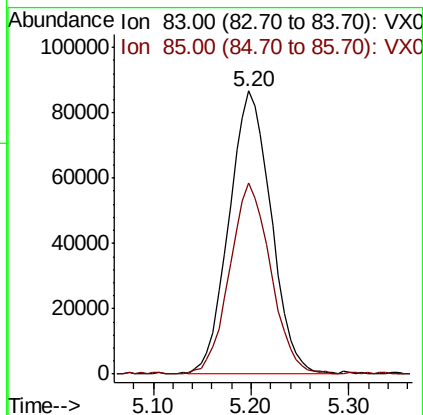
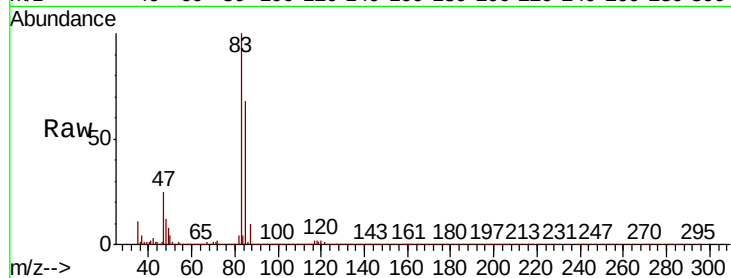
85 67.4 52.4 78.6

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#26

Cyclohexane

Concen: 17.415 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

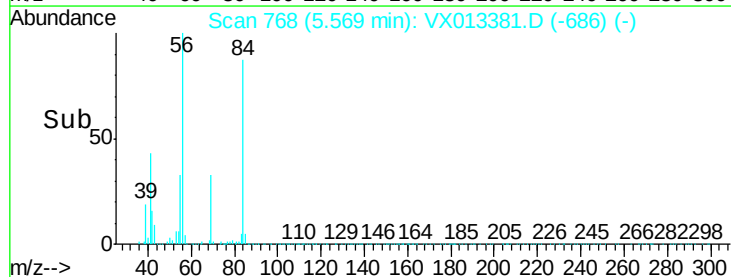
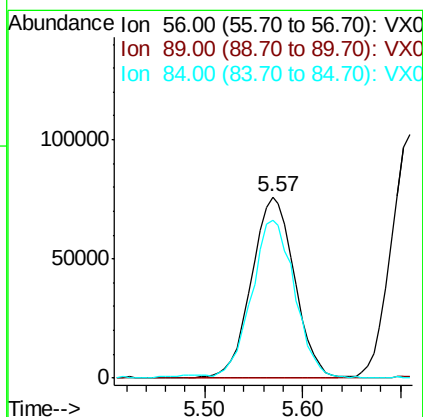
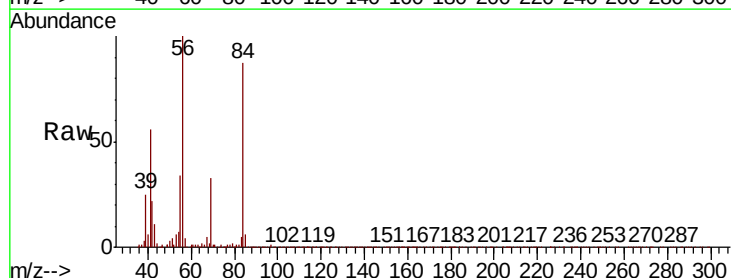
Tgt Ion: 56 Resp: 230723

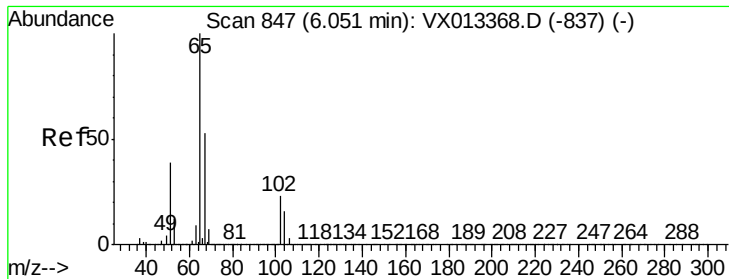
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 87.4 70.5 105.7





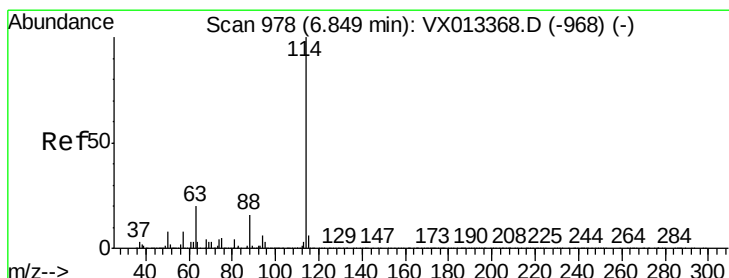
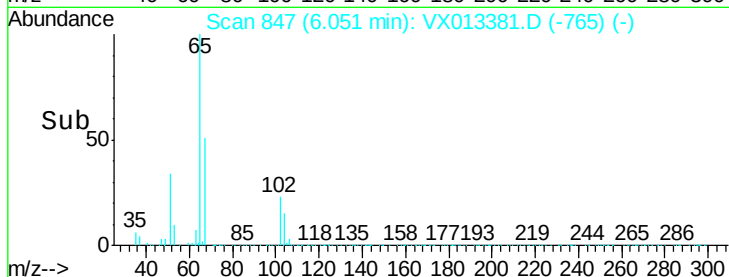
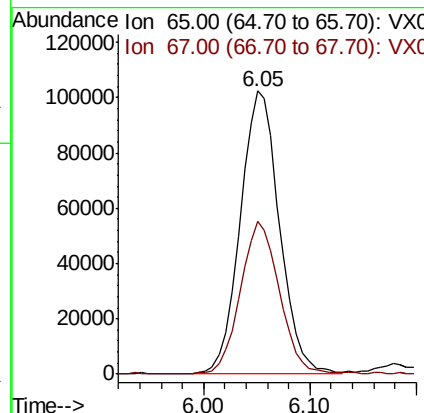
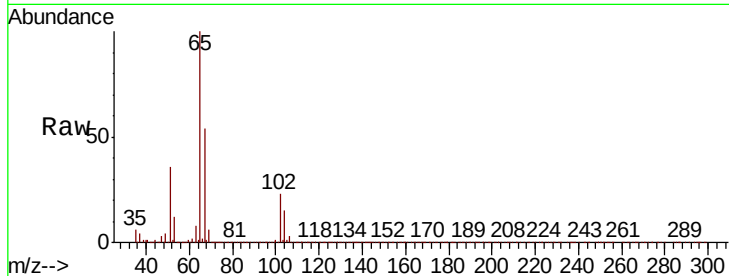
#27
 1,2-Dichloroethane-d4
 Concen: 29.133 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	41.0	61.6

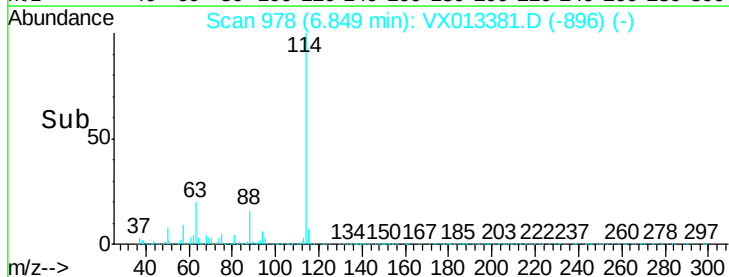
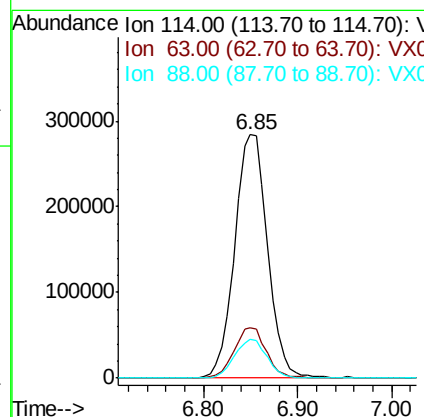
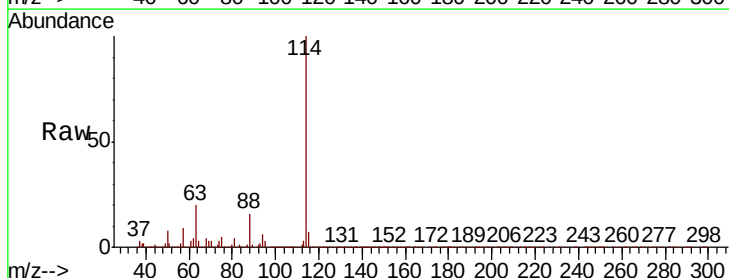
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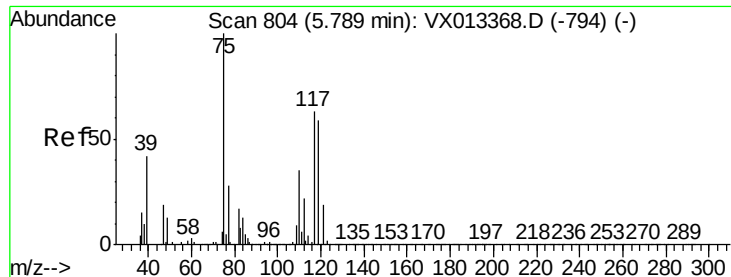
MMDadoda
 11/13/2019 9:38:19 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.6	12.3	18.5





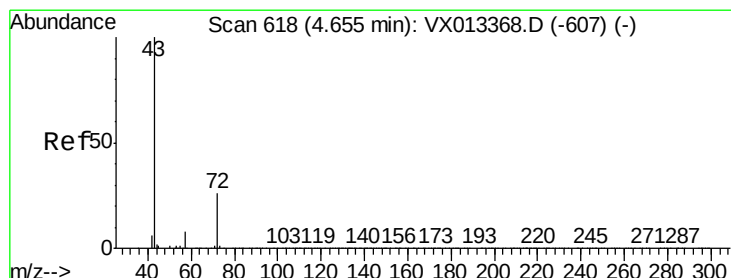
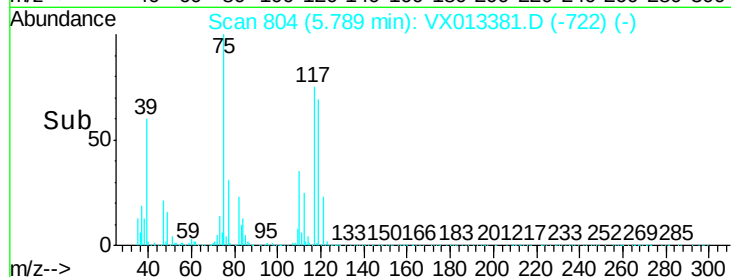
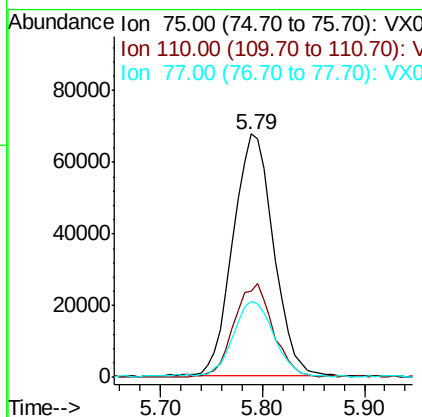
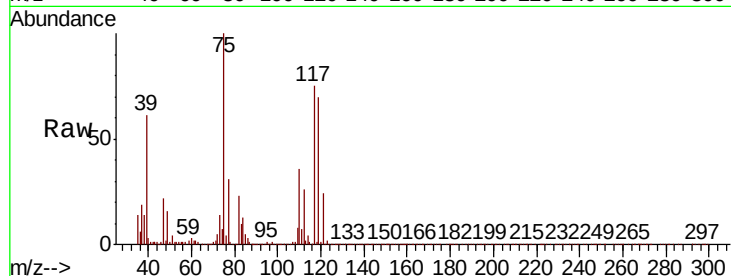
#29
 1,1-Dichloropropene
 Concen: 17.792 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Tot Ion:	75	Resp:	186887
Ion Ratio	Lower	Upper	
75	100		
110	37.1	0.0	74.6
77	31.4	0.0	62.6

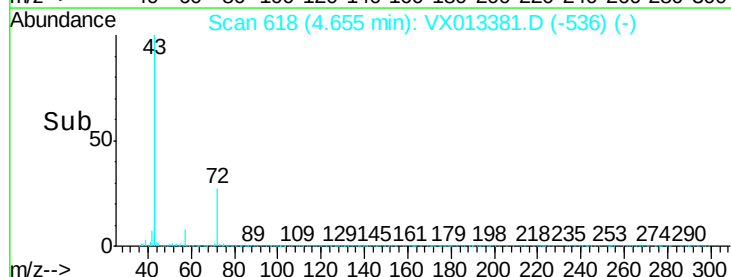
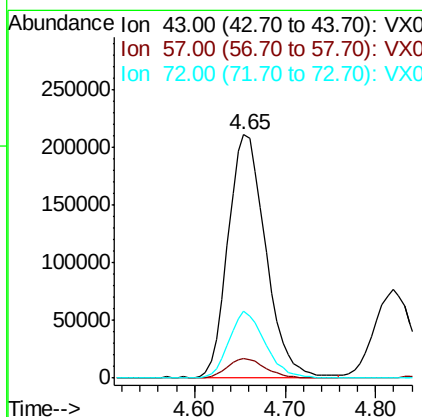
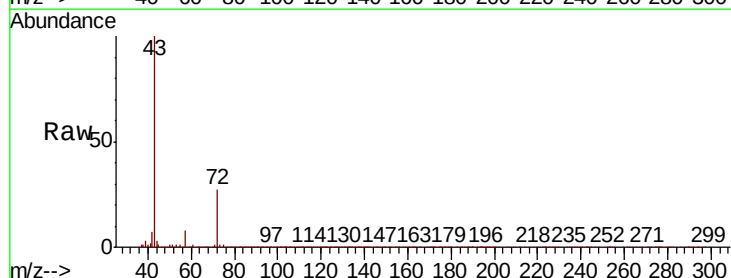
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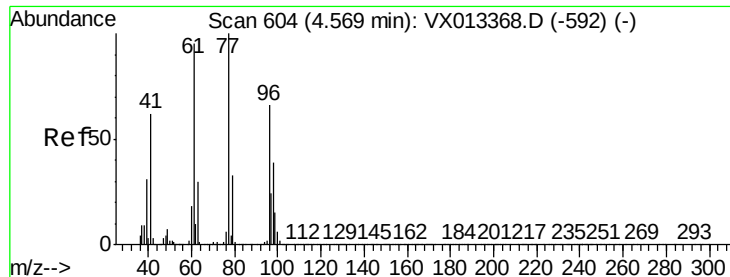
MMDadoda
 11/13/2019 9:38:19 AM



#30
 2-Butanone
 Concen: 86.793 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion:	43	Resp:	601761
Ion Ratio	Lower	Upper	
43	100		
57	8.3	6.1	9.1
72	25.6	20.5	30.7





#31

2,2-Dichloropropane

Concen: 17.520 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 77 Resp: 199309

Ion Ratio Lower Upper

77 100

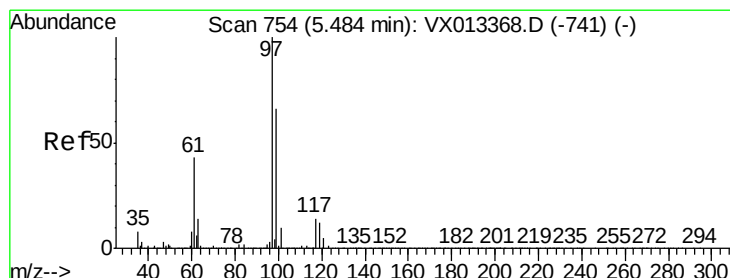
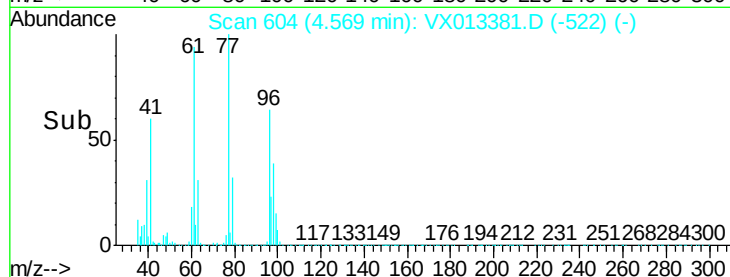
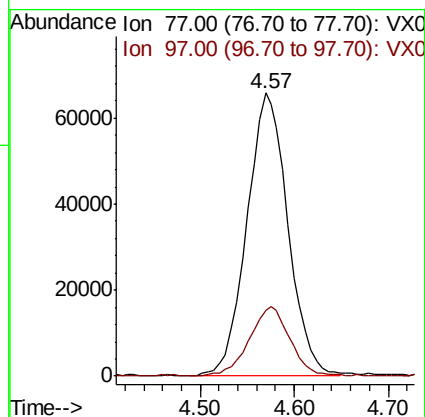
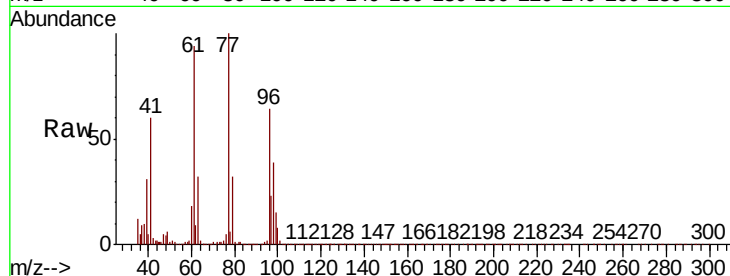
97 24.2 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.194 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

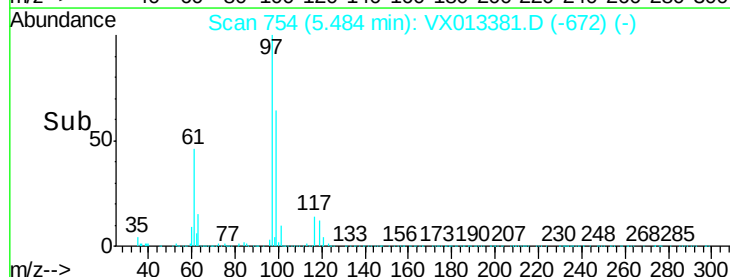
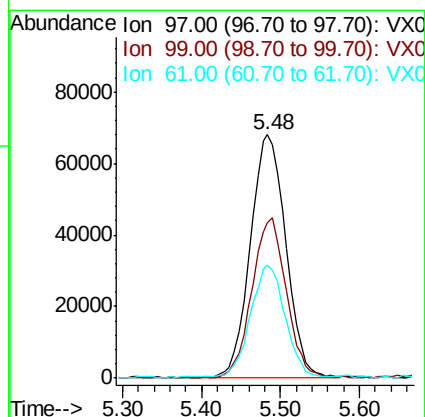
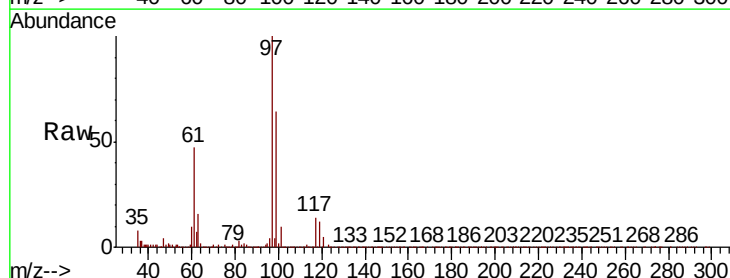
Tgt Ion: 97 Resp: 212416

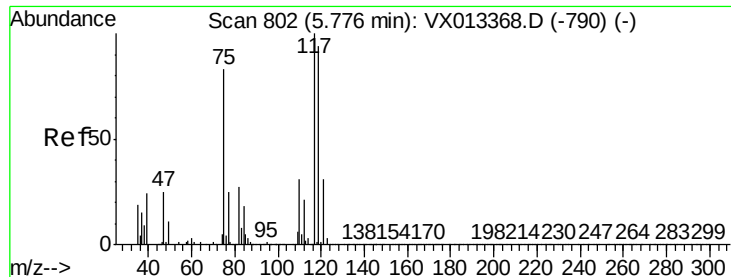
Ion Ratio Lower Upper

97 100

99 63.3 52.5 78.7

61 45.2 36.1 54.1





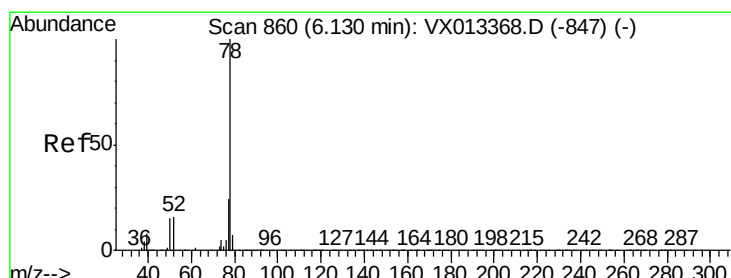
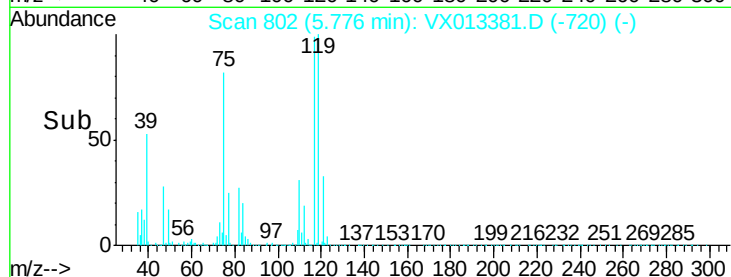
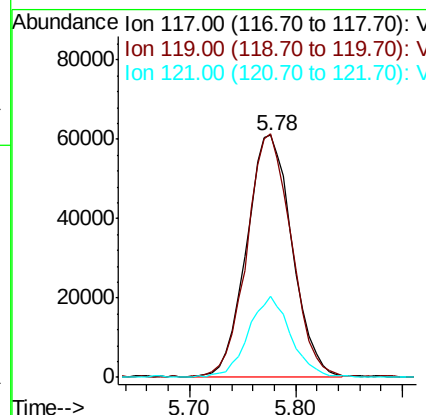
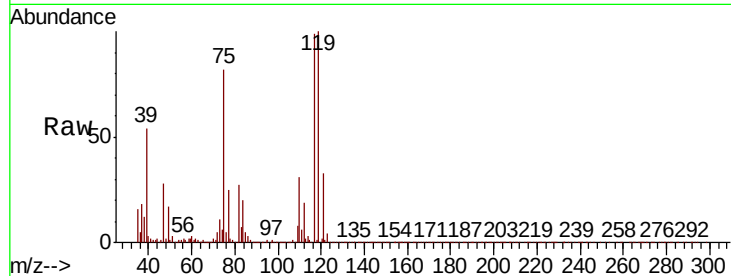
#33
Carbon Tetrachloride
Concen: 18.049 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.5	75.0	112.6
121	33.3	24.9	37.3

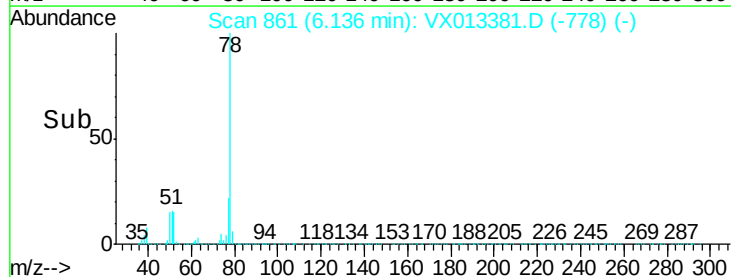
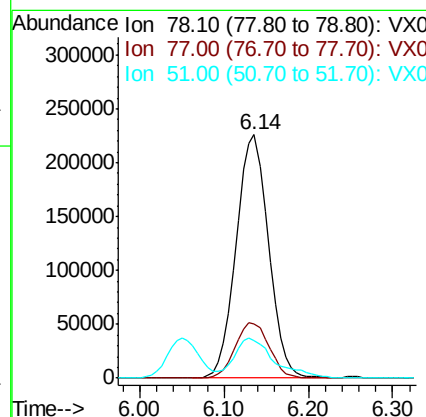
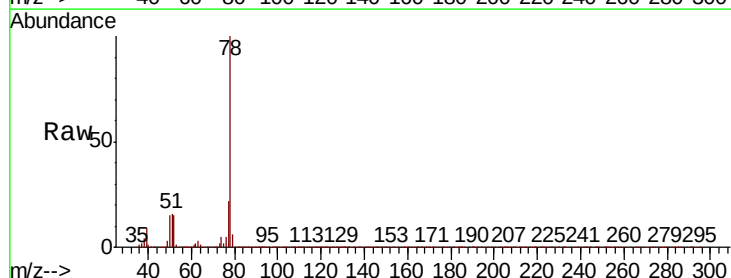
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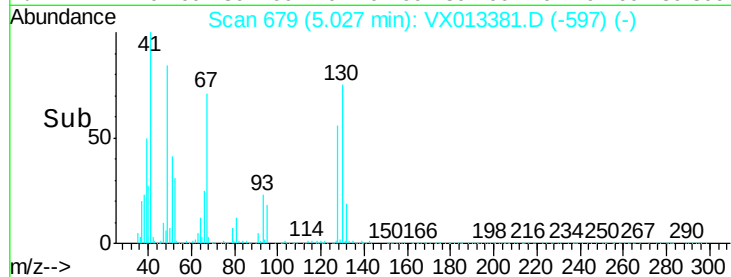
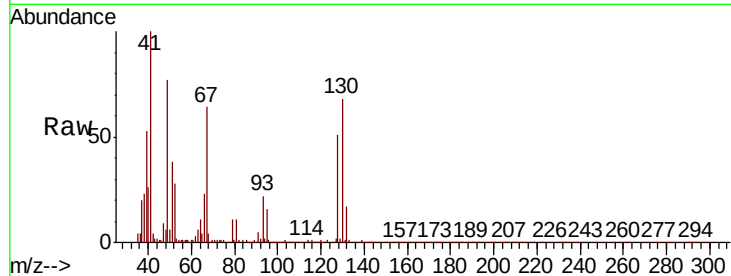
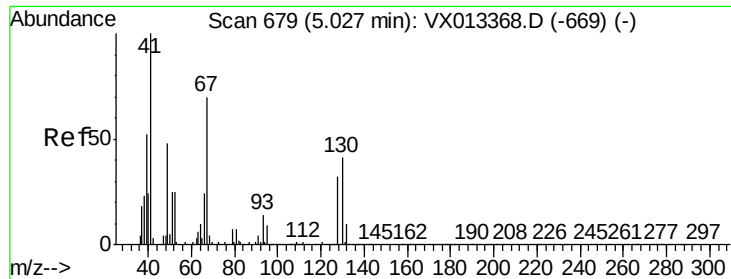
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#34
Benzene
Concen: 18.428 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

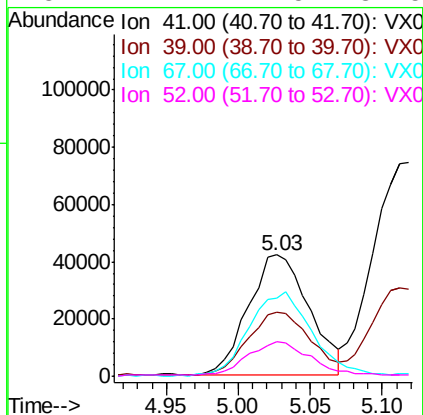
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.3	28.9
51	15.5	12.2	18.4





#35
Methacrylonitrile
Concen: 17.707 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

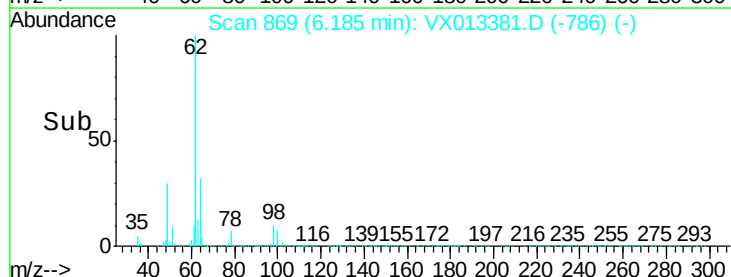
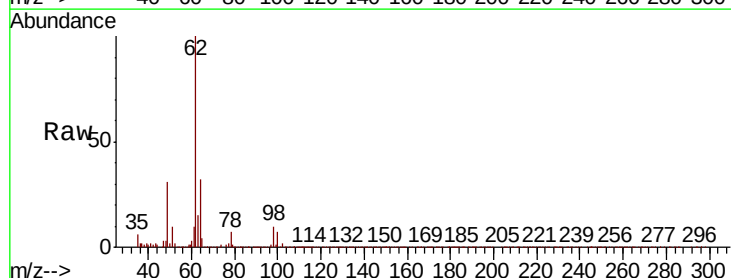
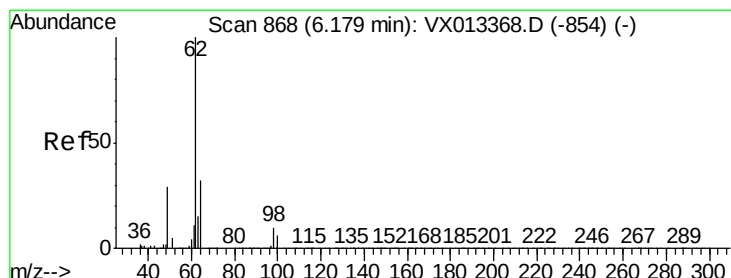
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	25.9	77.8	
67	64.5	35.1	105.5	
52	27.7	12.5	37.5	



Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

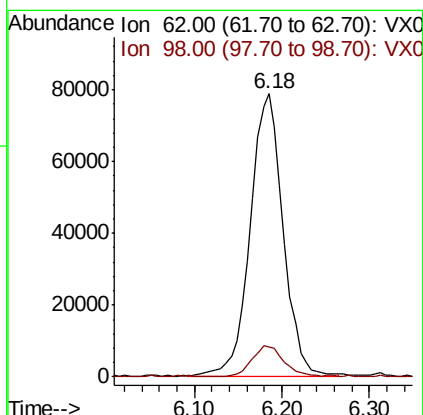
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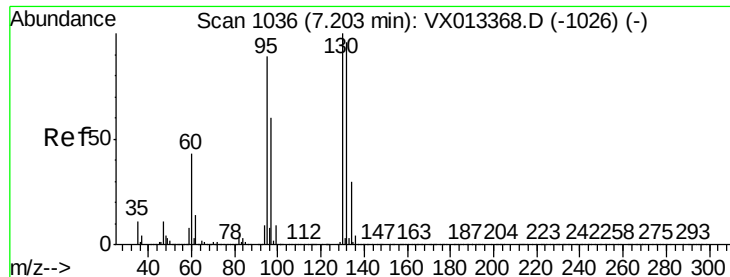
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.277 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	8.2	12.2	





#37

Trichloroethene

Concen: 17.931 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013381.D

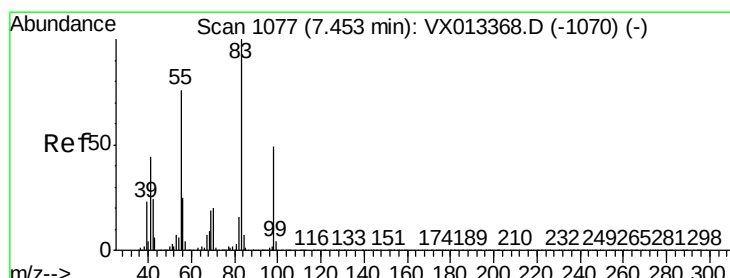
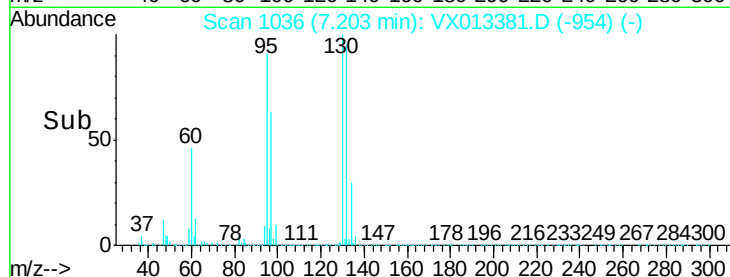
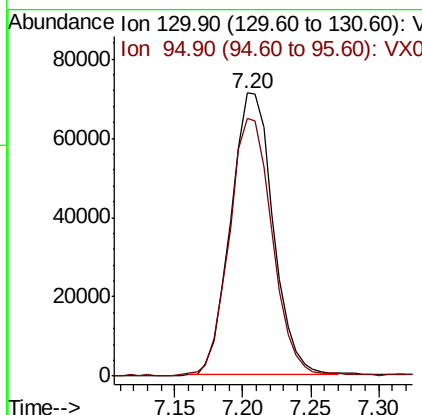
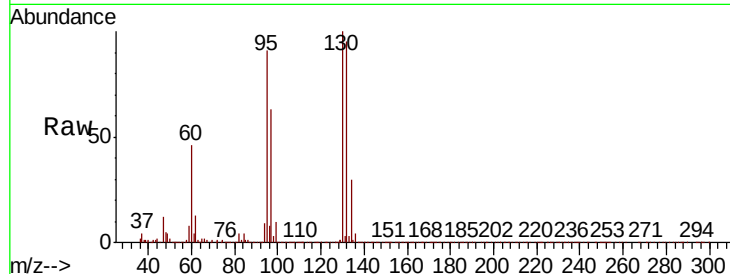
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
130	100	153052		
95	90.8	71.3	106.9	

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#38

Methylcyclohexane

Concen: 17.700 ug/l

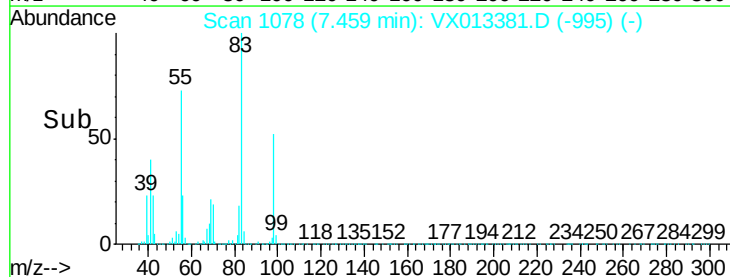
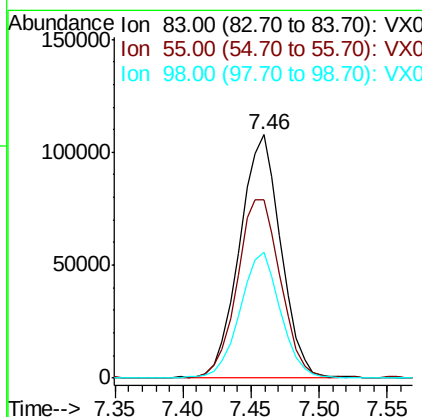
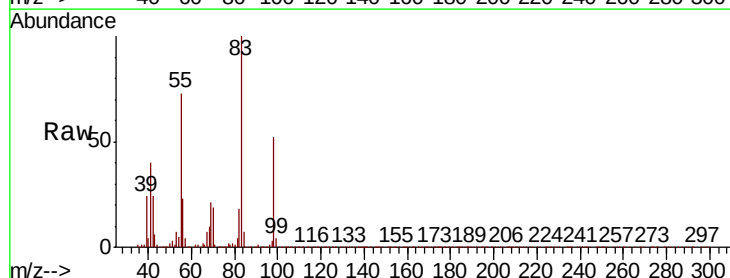
RT: 7.46 min Scan# 1078

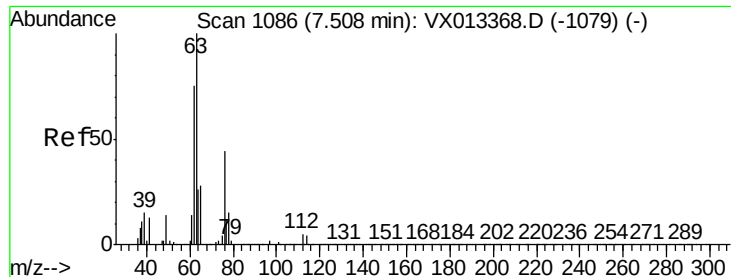
Delta R.T. 0.01 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	227974		
55	76.6	37.9	113.7	
98	51.0	25.1	75.3	





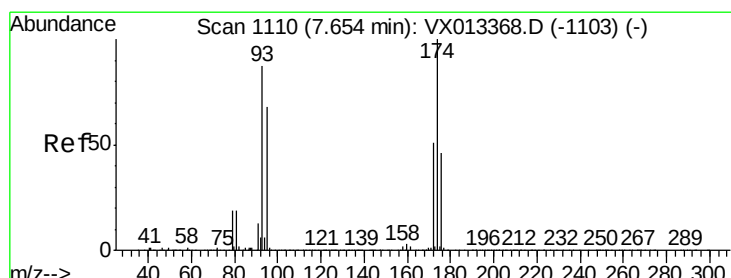
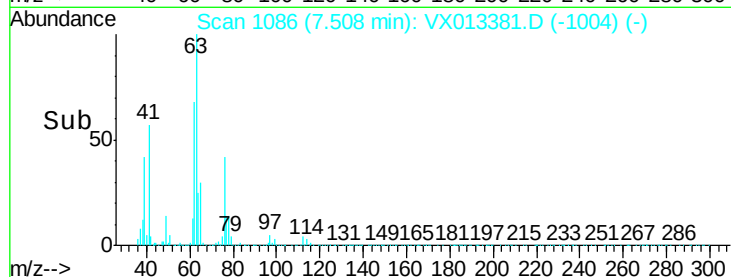
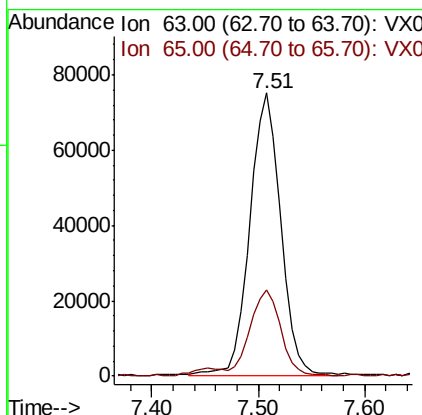
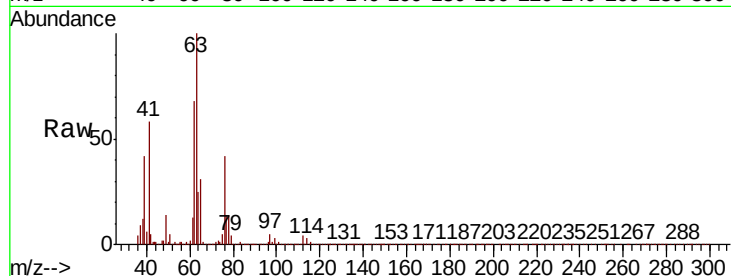
#39
 1,2-Dichloropropane
 Concen: 18.654 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.8

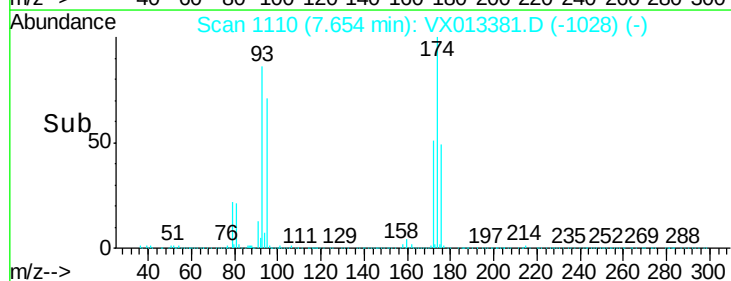
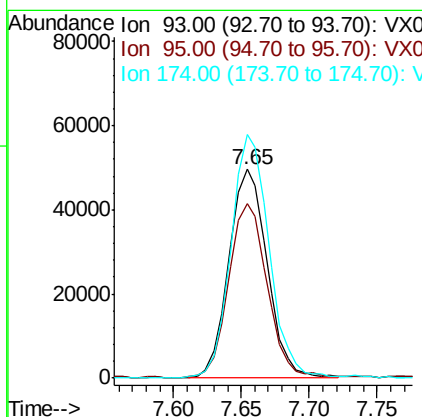
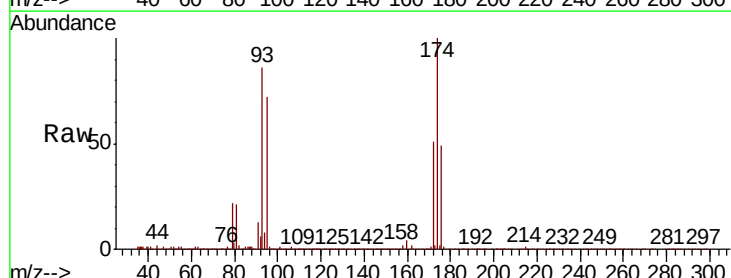
Manual Integrations
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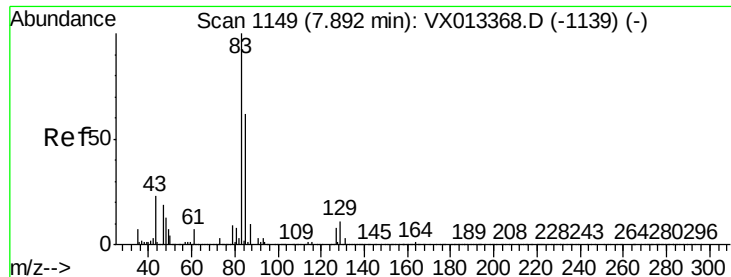
MMDadoda
 11/13/2019 9:38:19 AM



#40
 Dibromomethane
 Concen: 17.759 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	160.8
174	115.1	0.0	228.8





#41

Bromodichloromethane

Concen: 17.759 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

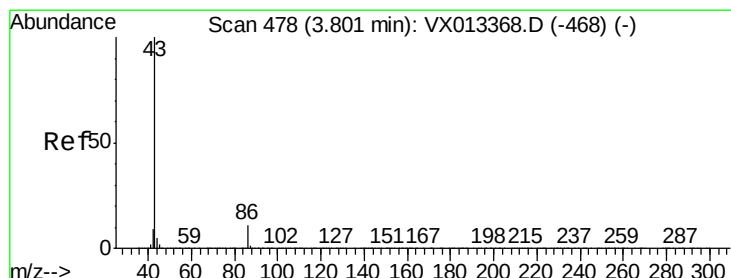
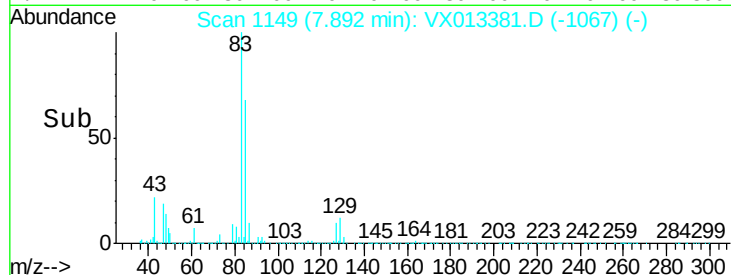
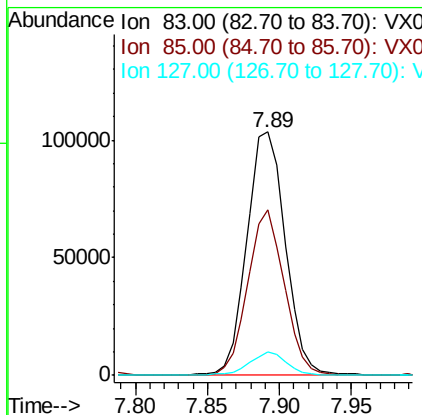
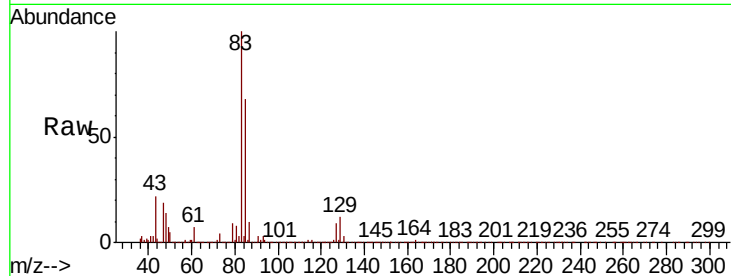
ClientSampleId :

VX1112WBSD01

Tot Ion	83	Resp	190065
Ion Ratio	Lower	Upper	
83	100		
85	67.6	49.3	73.9
127	9.3	6.6	10.0

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#42

Vinyl Acetate

Concen: 90.280 ug/l

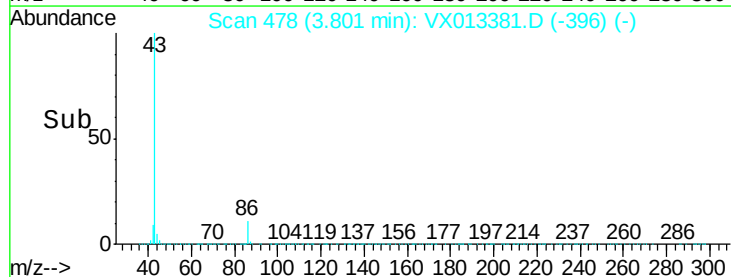
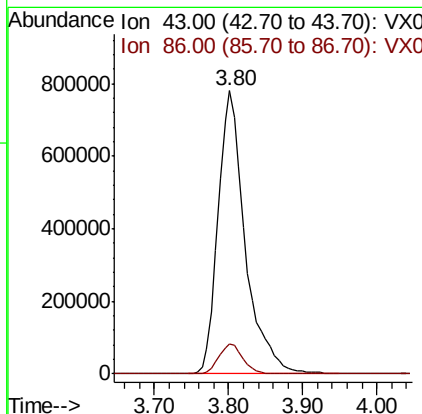
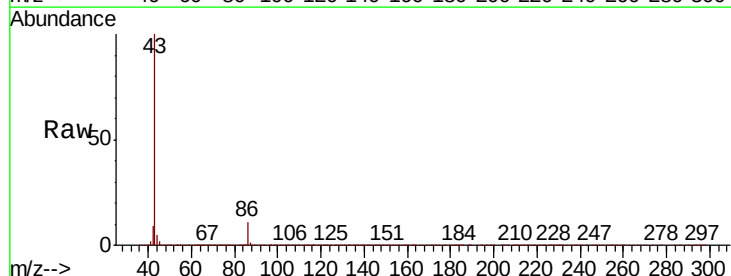
RT: 3.80 min Scan# 478

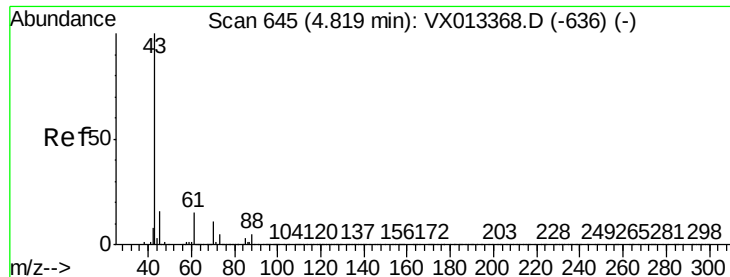
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion	43	Resp	1970687
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.6	11.4





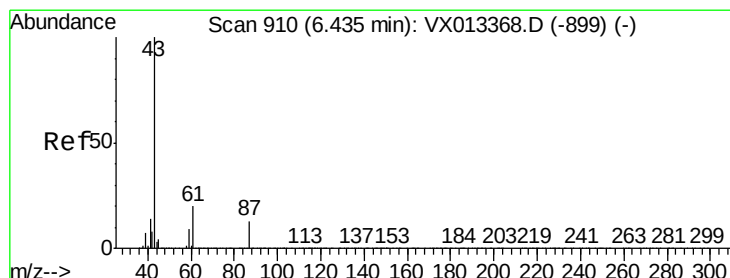
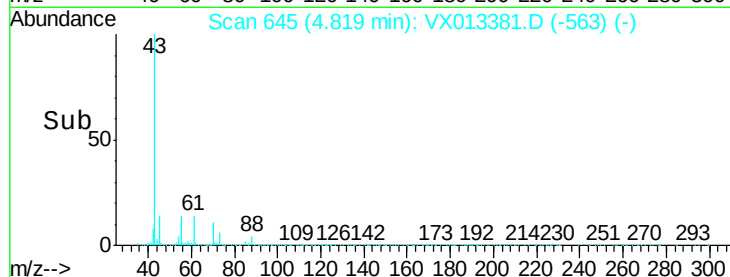
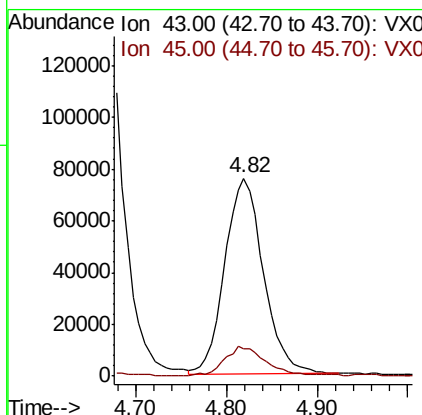
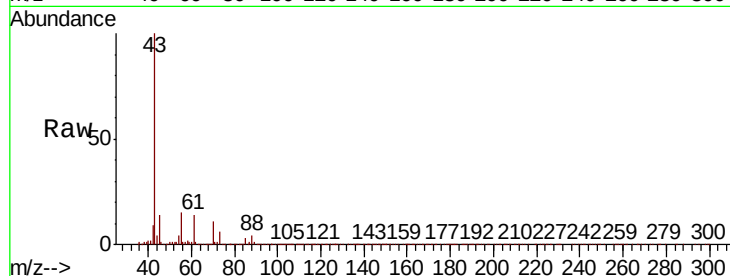
#43
Ethyl Acetate
Concen: 17.615 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.0	10.9	16.3

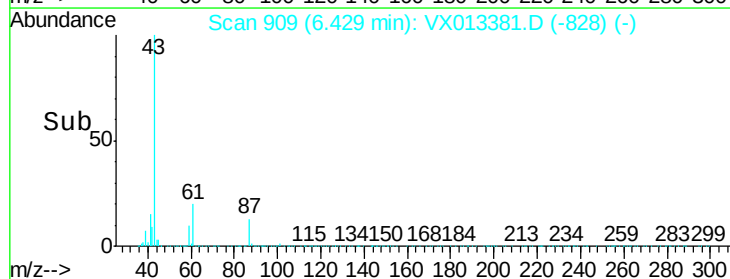
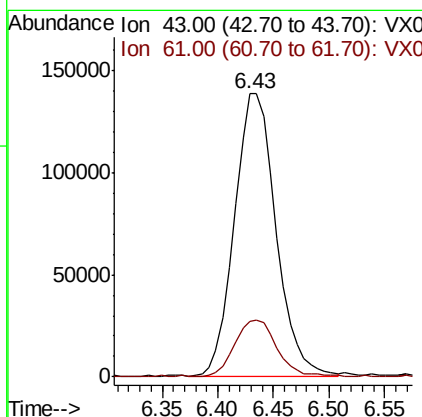
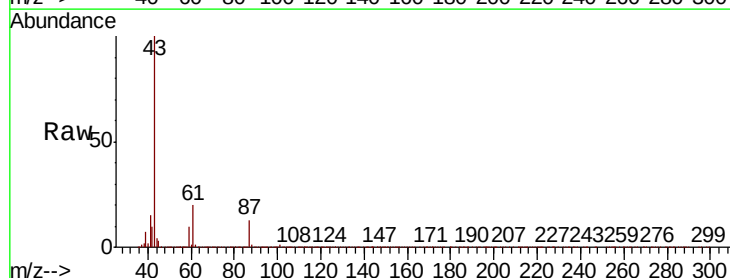
Manual Integrations
APPROVED

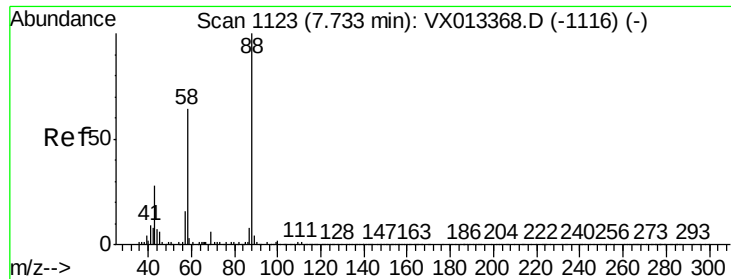
MMDadoda
11/13/2019 9:38:19 AM



#44
Isopropyl Acetate
Concen: 17.625 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.8	23.8





#45

1,4-Dioxane

Concen: 352.947 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

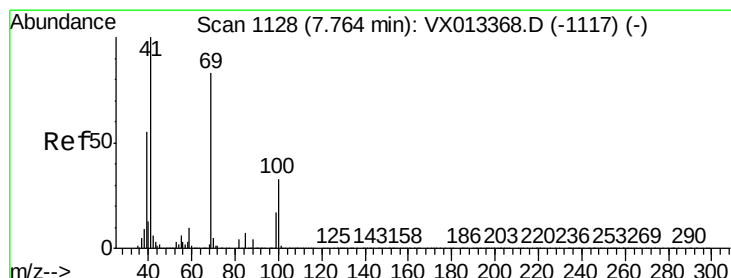
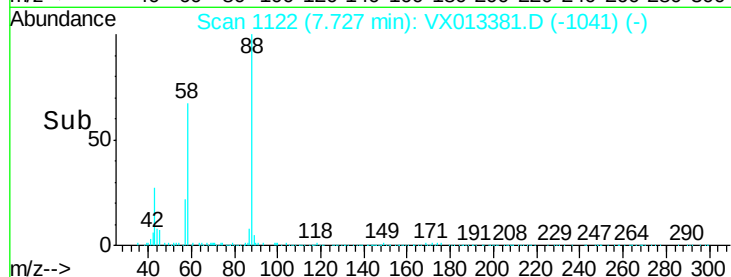
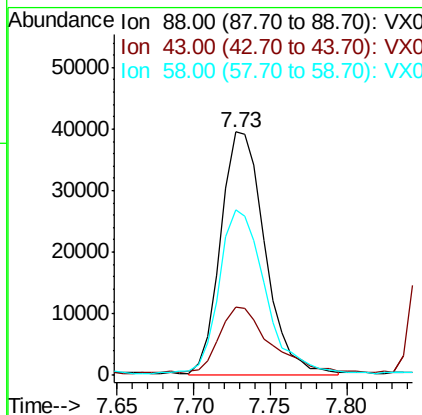
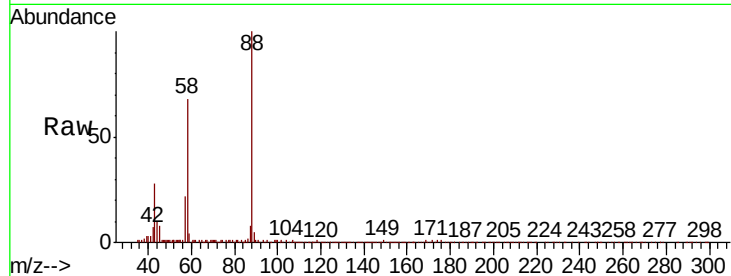
ClientSampleId :

VX1112WBSD01

Tot Ion:	88	Resp:	79208
Ion Ratio	Lower	Upper	
88	100		
43	31.1	26.1	39.1
58	71.2	55.8	83.8

Manual Integrations
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11/13/2019 9:38:19 AM



#46

Methyl methacrylate

Concen: 17.370 ug/l

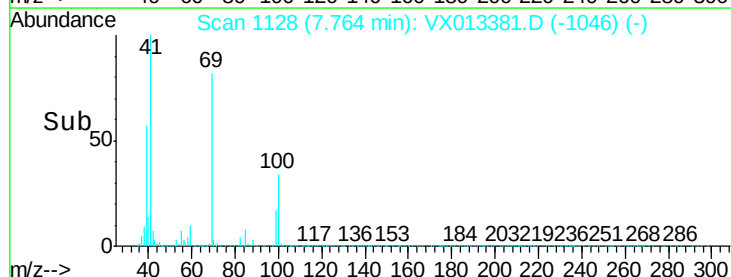
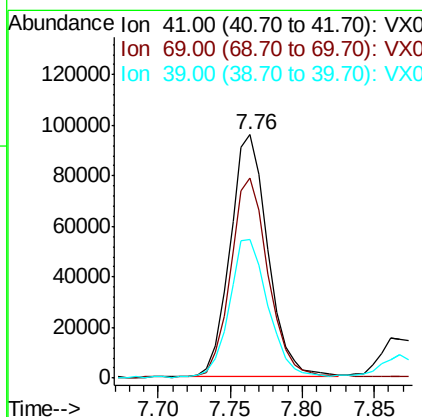
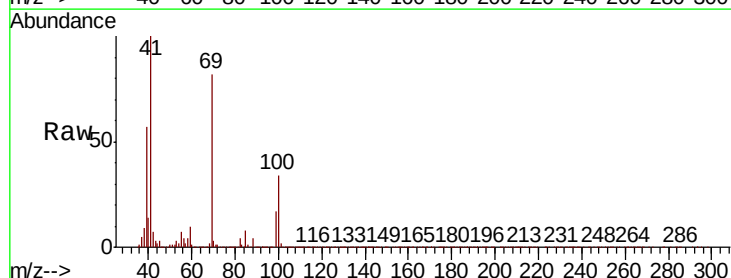
RT: 7.76 min Scan# 1128

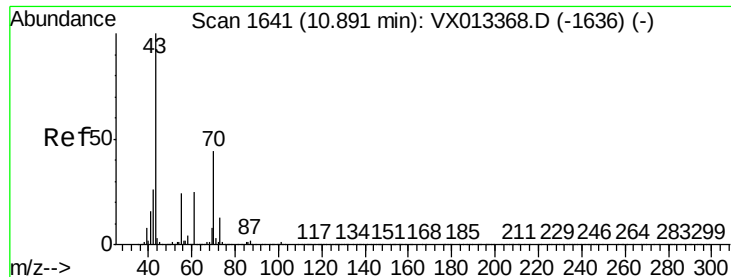
Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	41	Resp:	175629
Ion Ratio	Lower	Upper	
41	100		
69	82.5	41.4	124.4
39	56.9	27.9	83.6





#47

n-amvl Acetate

Concen: 17.263 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 43 Resp: 307804

Ion Ratio Lower Upper

43 100

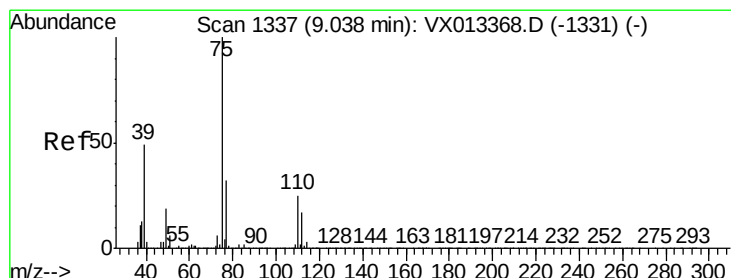
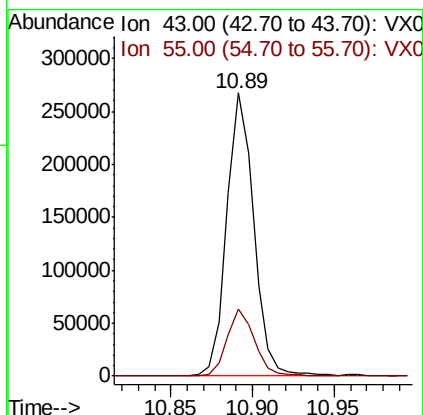
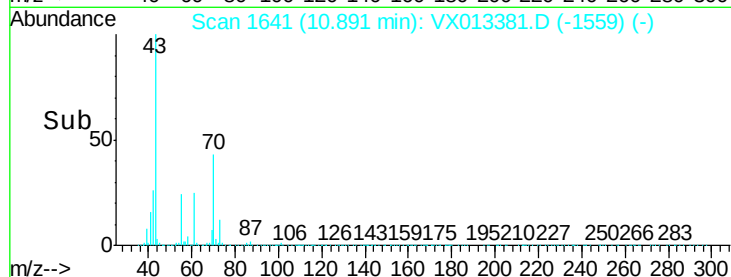
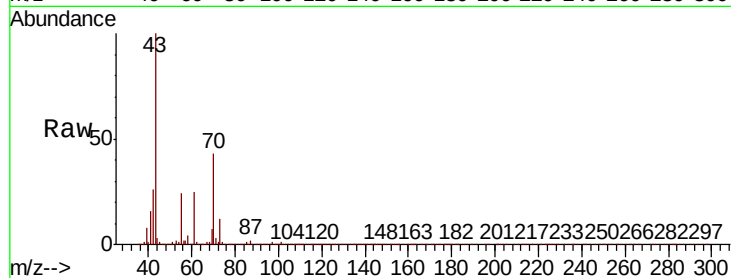
55 24.0 19.0 28.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.561 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013381.D

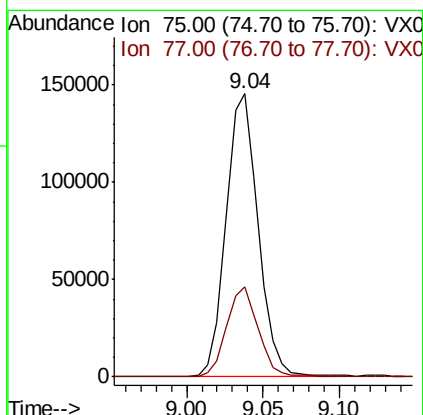
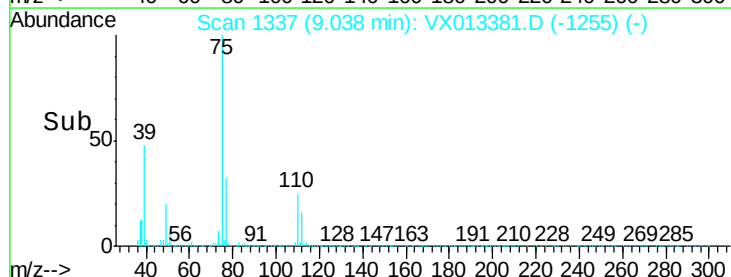
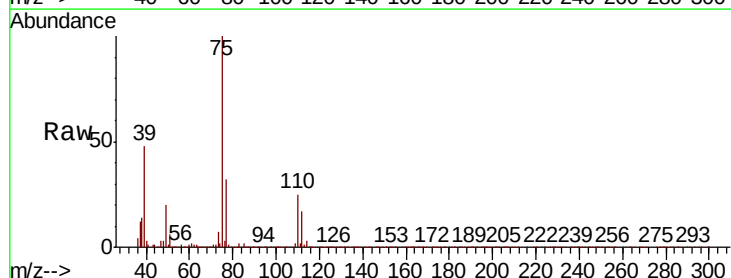
Acq: 12 Nov 2019 13:08

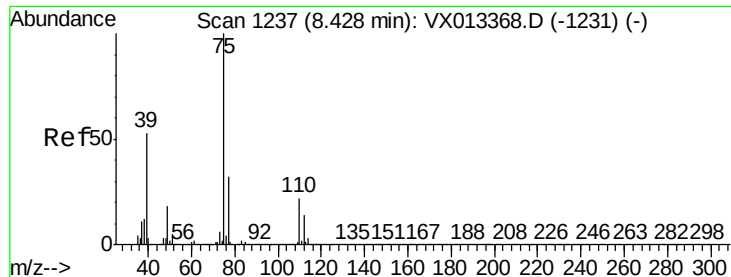
Tgt Ion: 75 Resp: 210750

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9





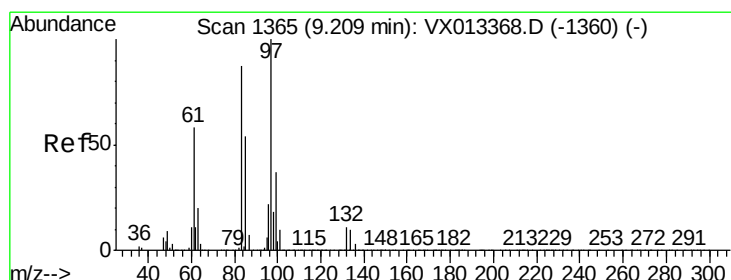
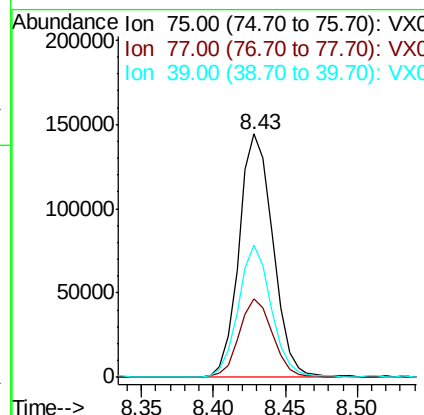
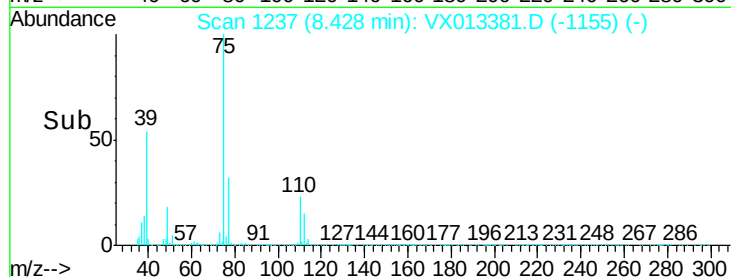
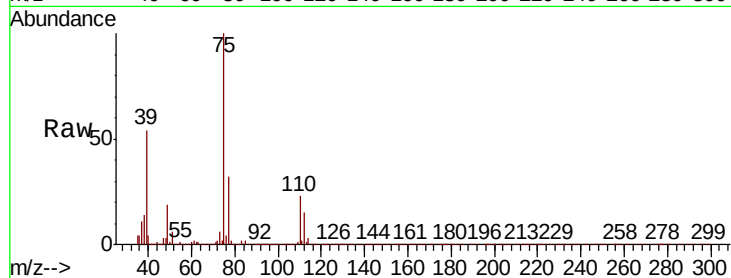
#49
 cis-1,3-Dichloropropene
 Concen: 17.975 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	53.8	42.2	63.4

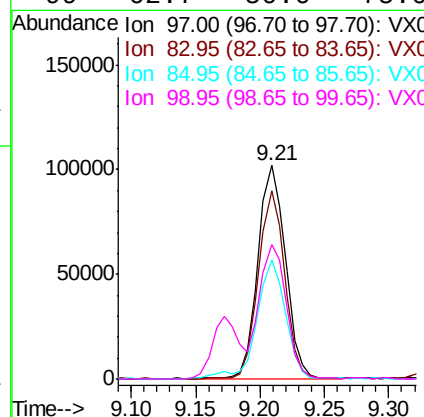
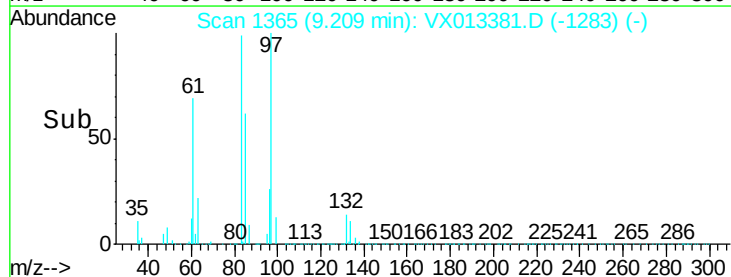
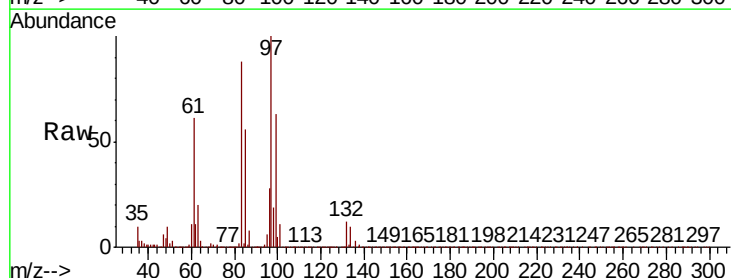
Manual Integrations
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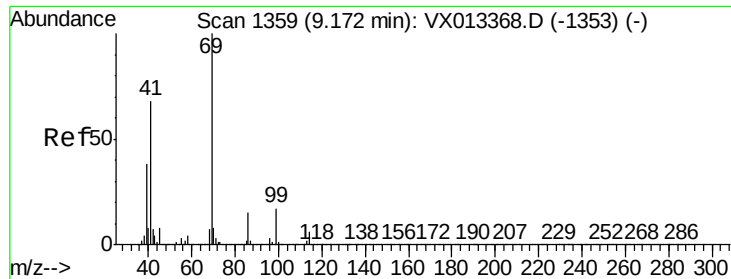
MMDadoda
 11/13/2019 9:38:19 AM



#50
 1,1,2-Trichloroethane
 Concen: 18.536 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.6	104.4
85	55.3	45.5	68.3
99	62.7	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.680 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

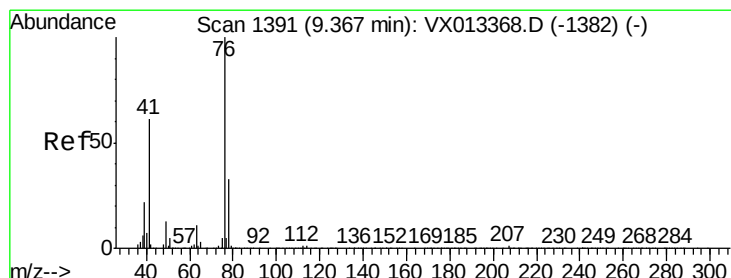
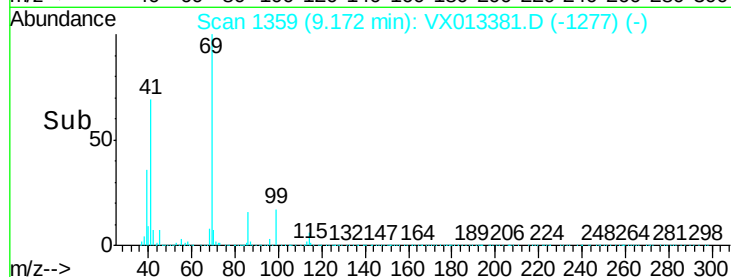
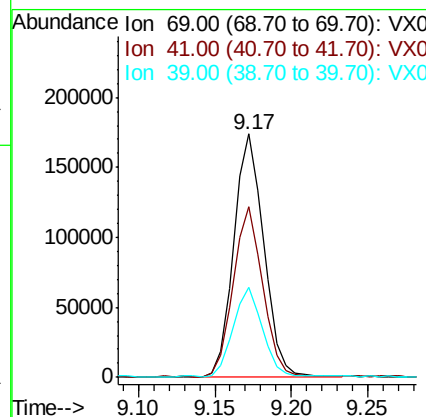
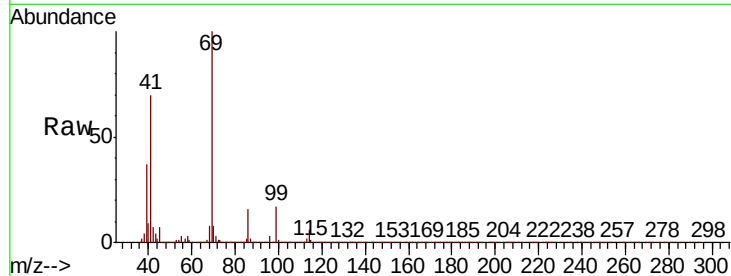
ClientSampleId :

VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
69	100		
41	70.1	33.9	101.6
39	36.4	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.049 ug/l

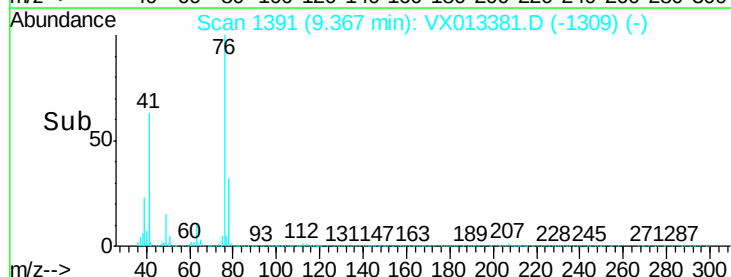
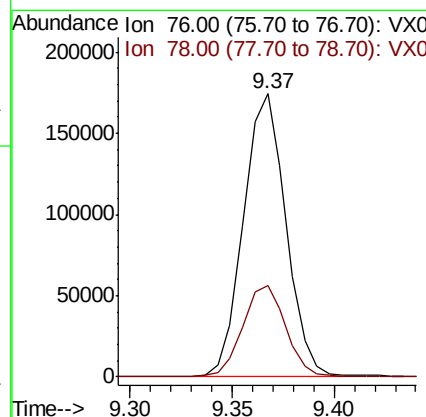
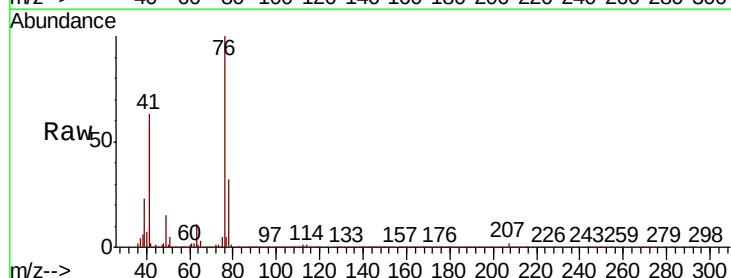
RT: 9.37 min Scan# 1391

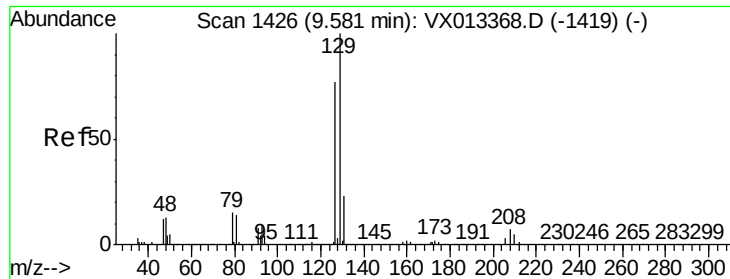
Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.6





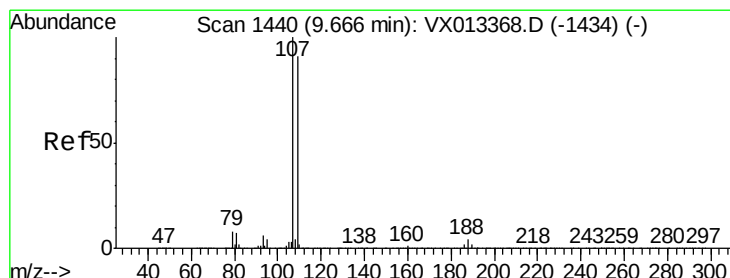
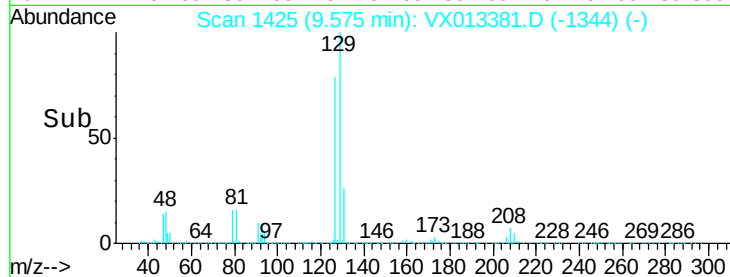
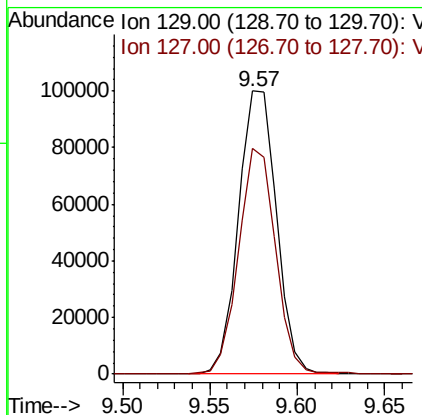
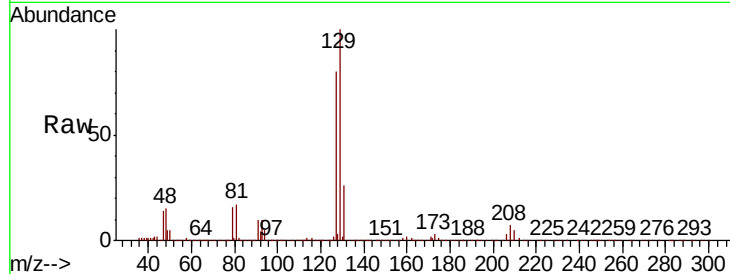
#53
Dibromochloromethane
Concen: 17.652 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion:129 Resp: 151778
Ion Ratio Lower Upper
129 100
127 77.3 39.6 119.0

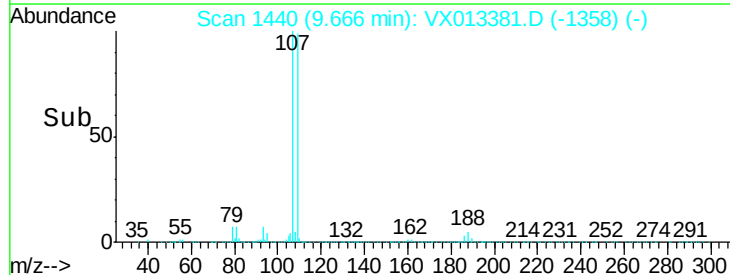
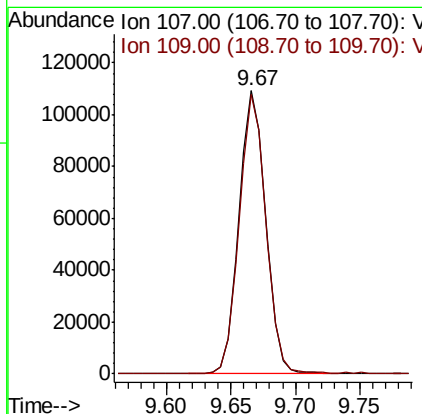
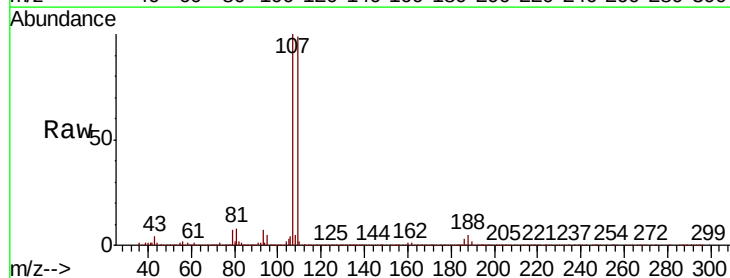
Manual Integrations
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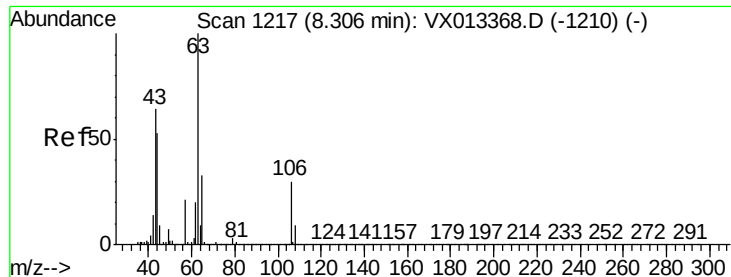
MMDadoda
11/13/2019 9:38:19 AM



#54
1,2-Dibromoethane
Concen: 18.127 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion:107 Resp: 157252
Ion Ratio Lower Upper
107 100
109 97.8 73.9 110.9





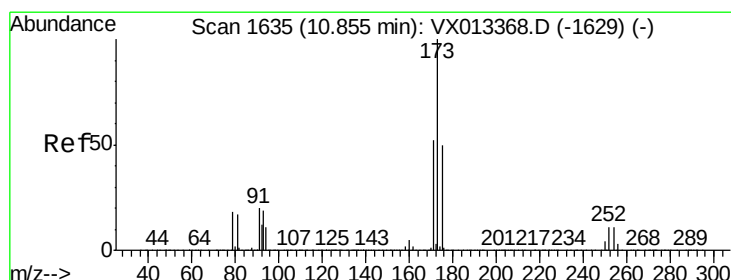
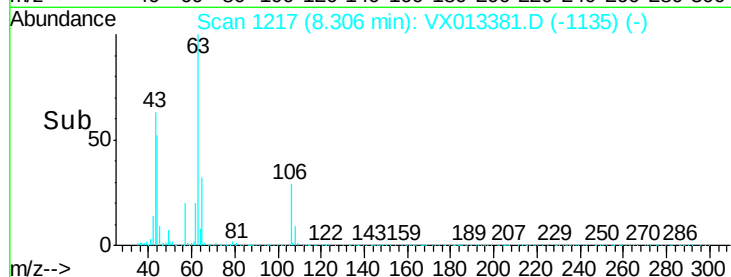
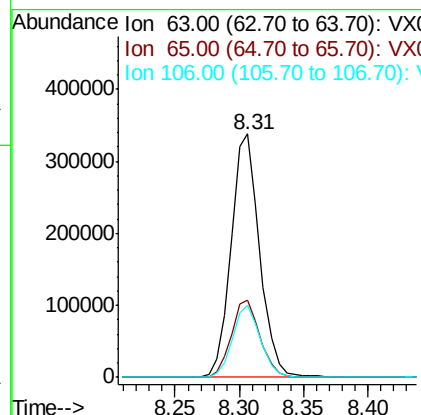
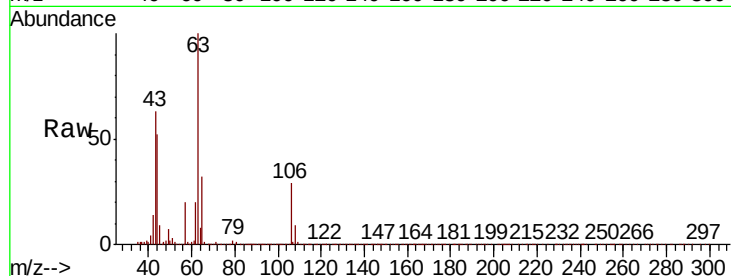
#55
2-Chloroethyl vinyl ether
Concen: 91.734 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	26.0	39.0
106	28.9	23.5	35.3

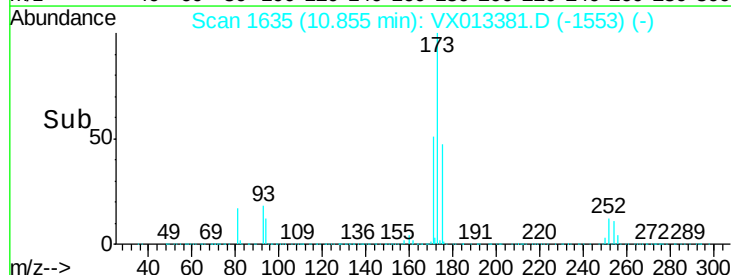
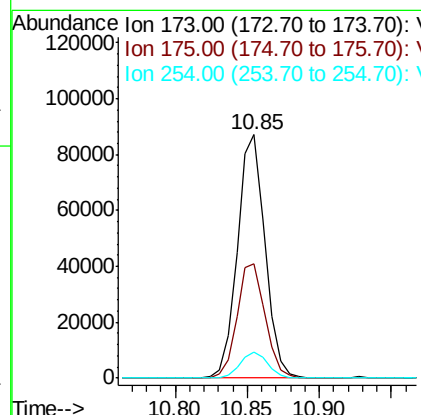
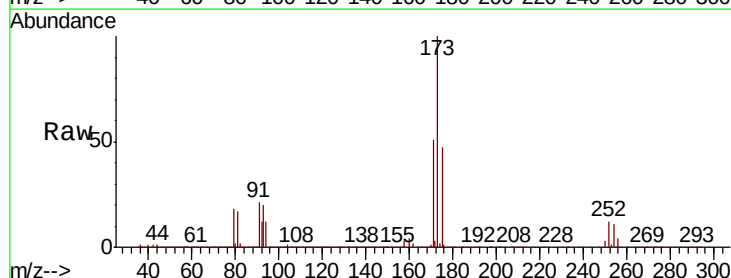
Manual Integrations
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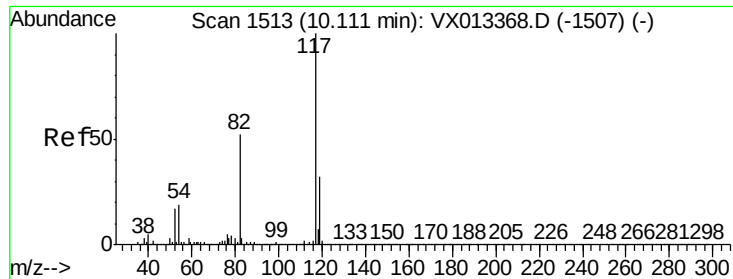
MMDadoda
11/13/2019 9:38:19 AM



#56
Bromoform
Concen: 17.038 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.4	59.0
254	10.9	8.6	12.8





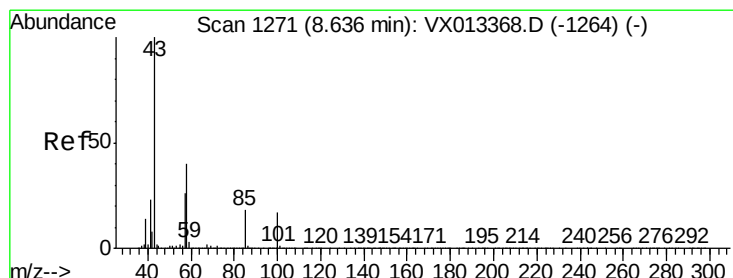
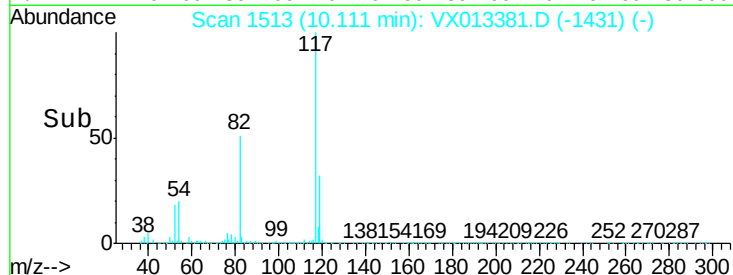
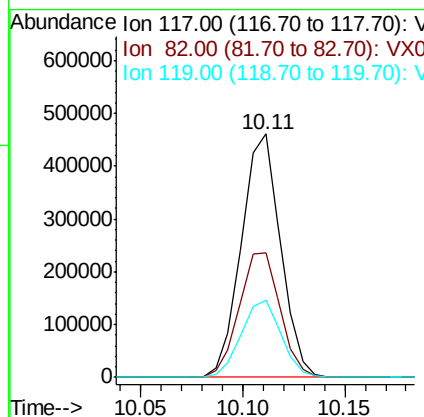
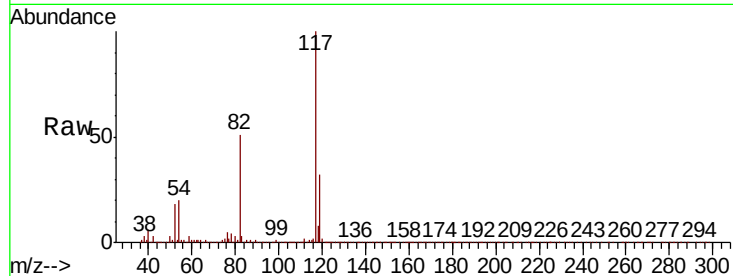
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.7	65.5
119	32.3	25.5	38.3

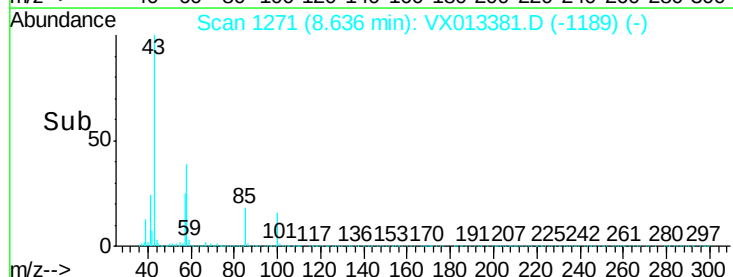
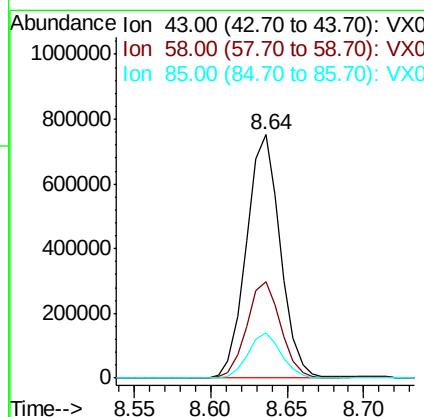
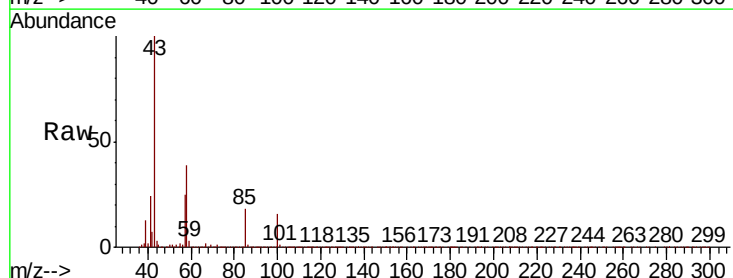
Manual Integrations
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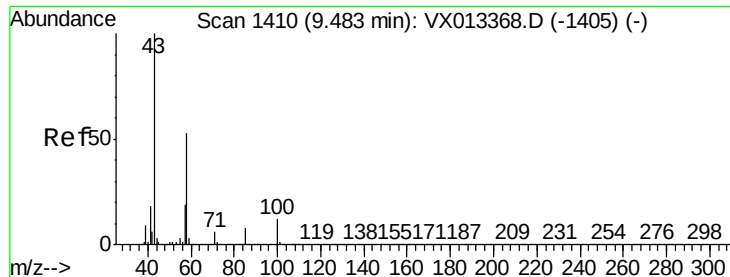
MMDadoda
11/13/2019 9:38:19 AM



#58
4-Methyl-2-Pentanone
Concen: 90.179 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	18.2	14.2	21.2





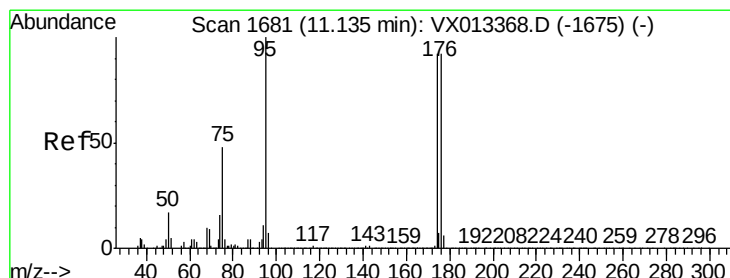
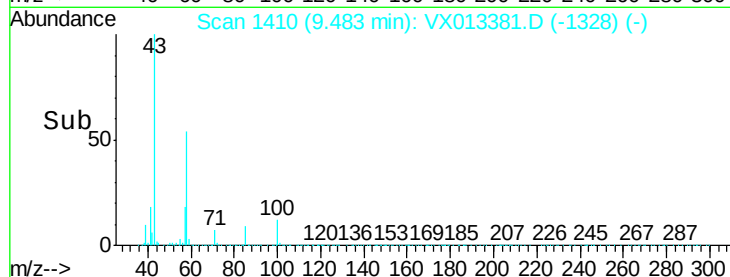
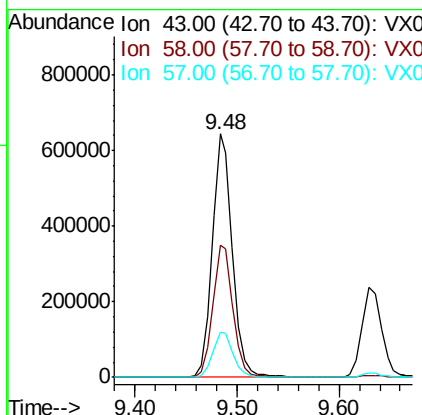
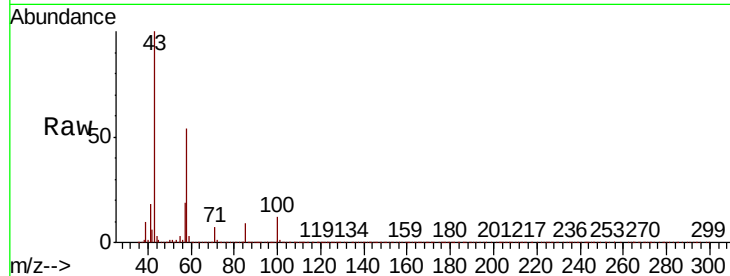
#59
2-Hexanone
Concen: 87.251 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.8	65.6
57	19.0	15.1	22.7

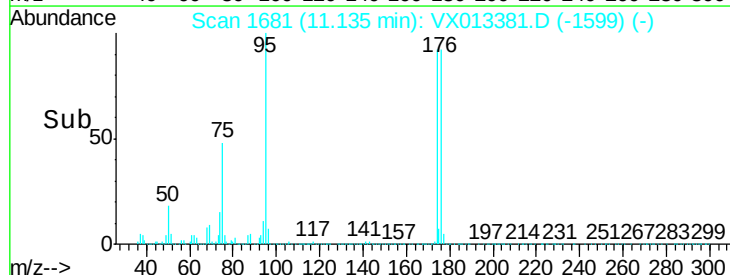
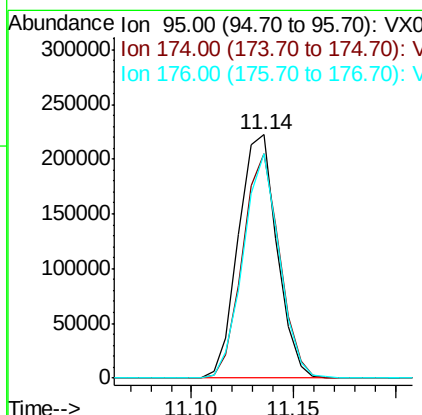
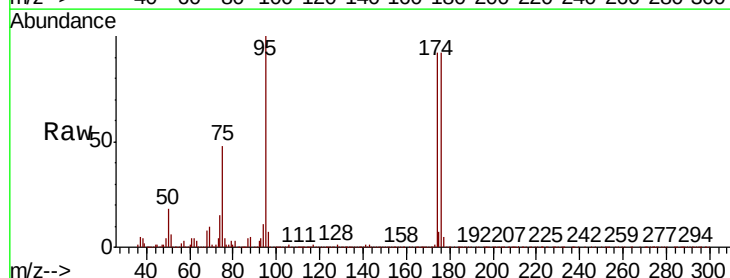
Manual Integrations
APPROVED

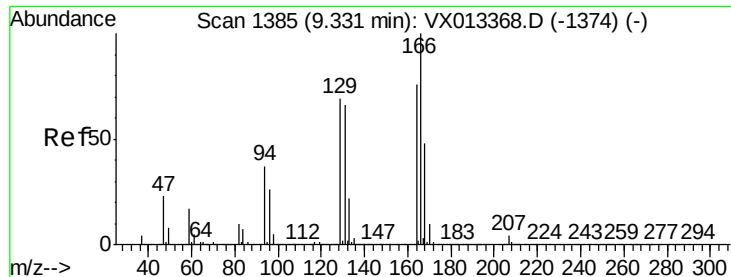
MMDadoda
11/13/2019 9:38:19 AM



#60
4-Bromofluorobenzene
Concen: 29.553 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.6	70.2	105.2
176	86.7	68.3	102.5





#61

Tetrachloroethene

Concen: 18.427 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

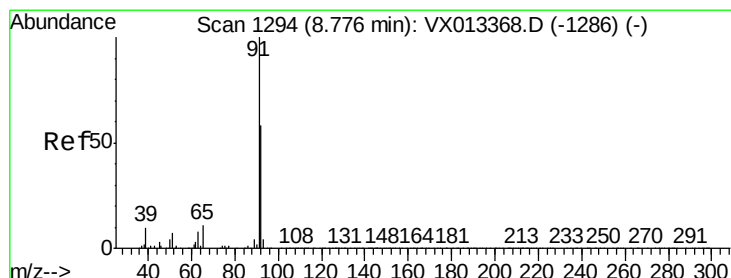
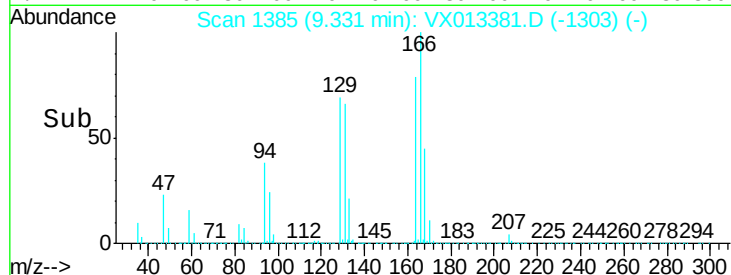
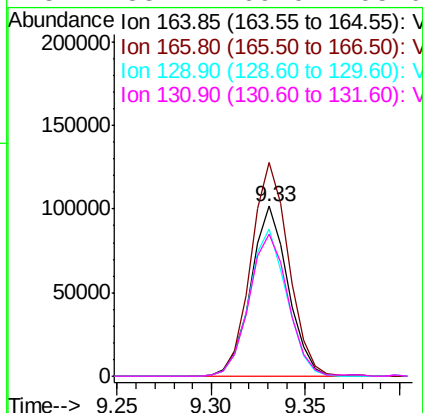
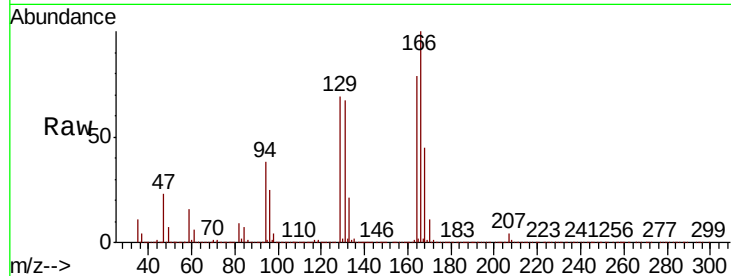
ClientSampleId :

VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.9	157.3
129	86.9	72.3	108.5
131	83.7	69.0	103.6

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#62

Toluene

Concen: 18.442 ug/l

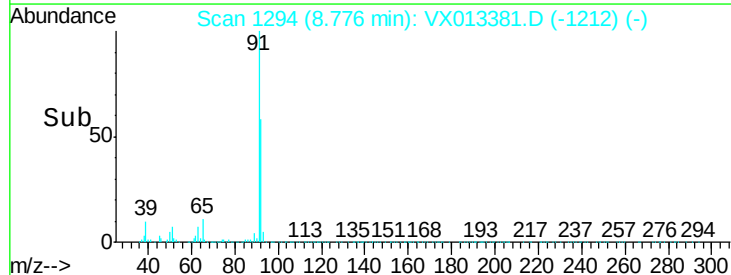
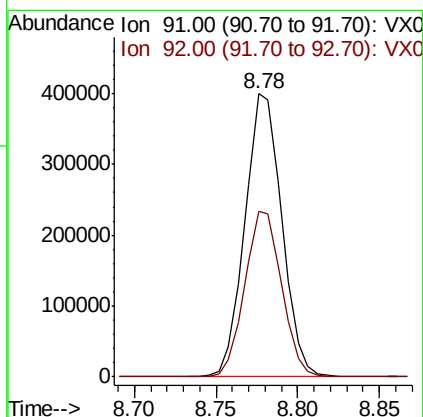
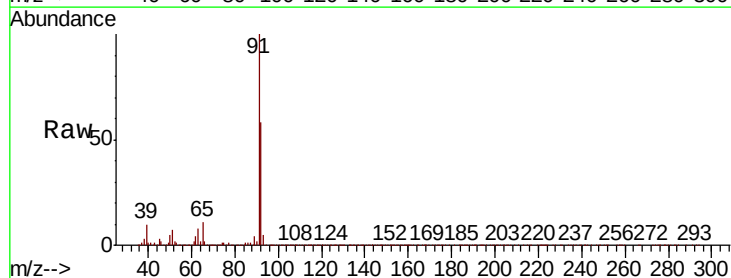
RT: 8.78 min Scan# 1294

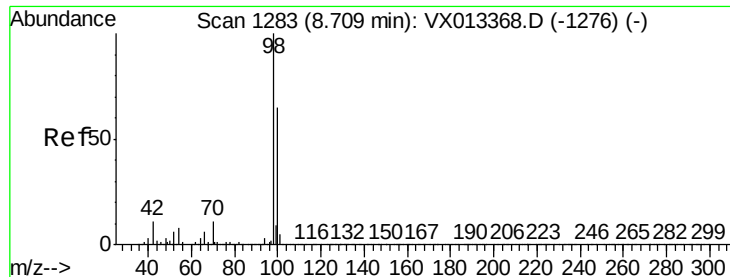
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	69.8





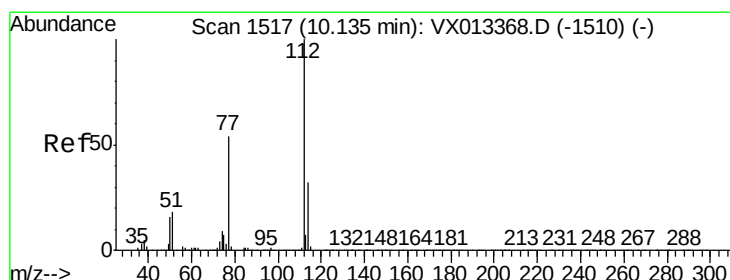
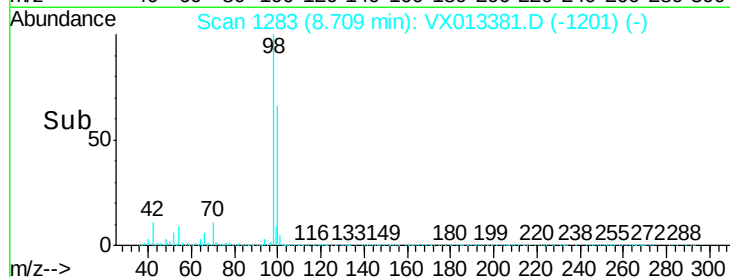
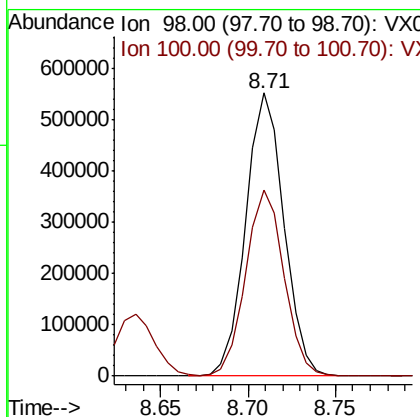
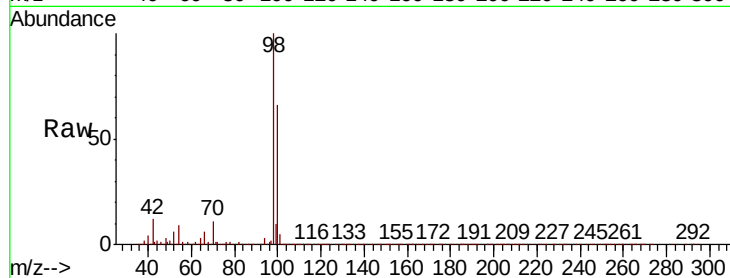
#63
Toluene-d8
Concen: 30.145 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion: 98 Resp: 837514
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

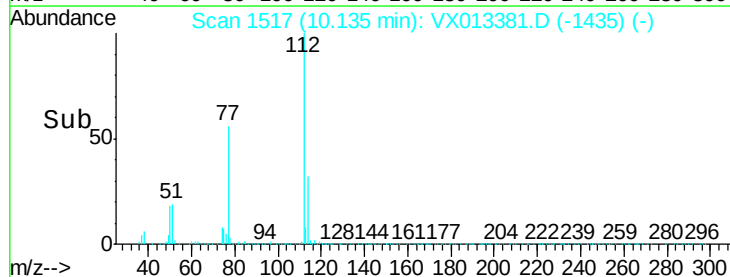
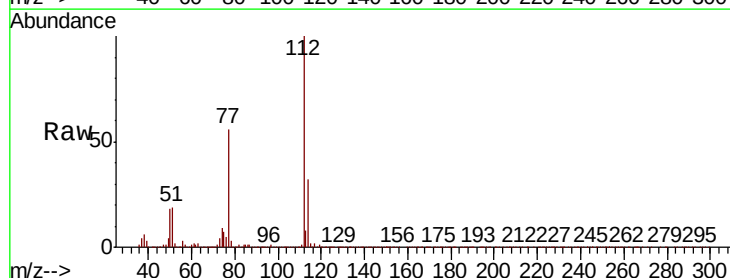
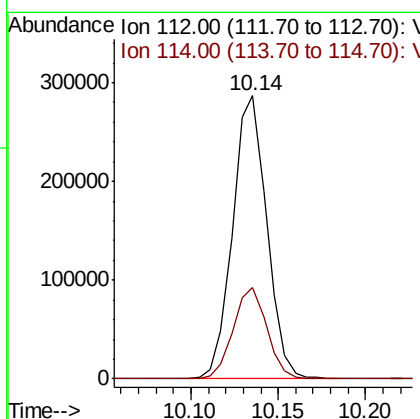
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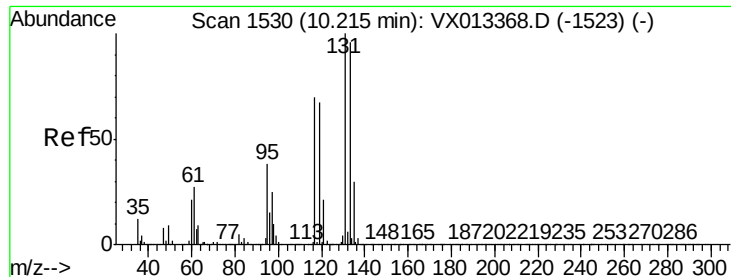
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#64
Chlorobenzene
Concen: 18.113 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion: 112 Resp: 387583
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.098 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

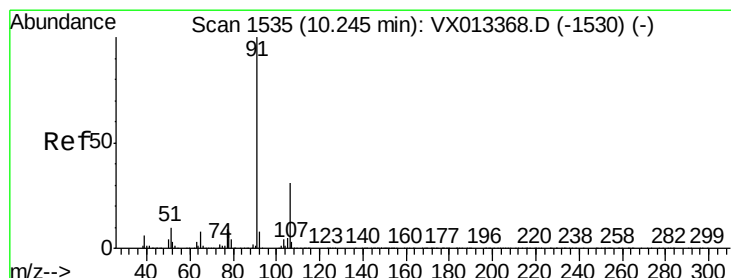
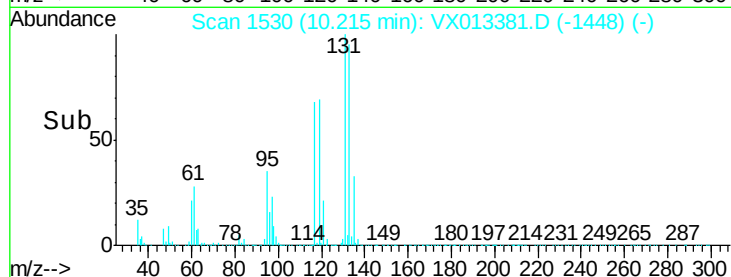
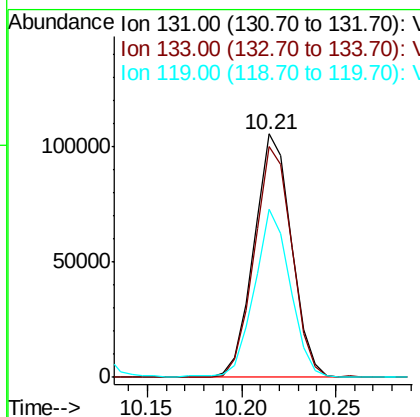
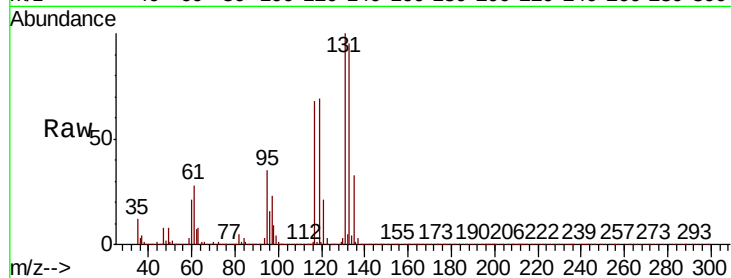
ClientSampleId :

VX1112WBSD01

Tot Ion:	131	Resp:	144957
Ion Ratio	Lower	Upper	
131	100		
133	94.7	0.0	192.2
119	65.9	0.0	134.4

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#66

Ethyl Benzene

Concen: 18.149 ug/l

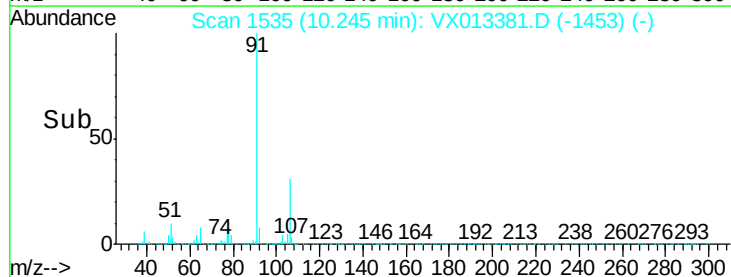
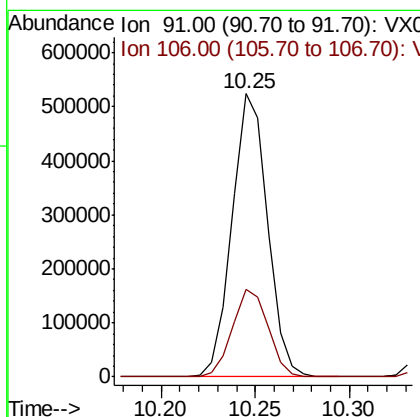
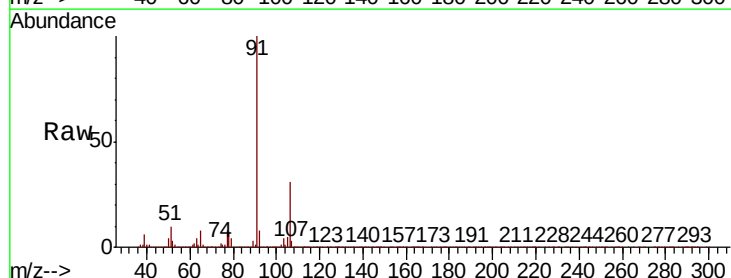
RT: 10.25 min Scan# 1535

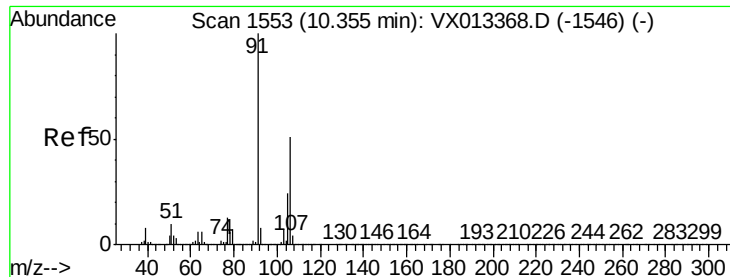
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	91	Resp:	682337
Ion Ratio	Lower	Upper	
91	100		
106	30.8	25.0	37.4





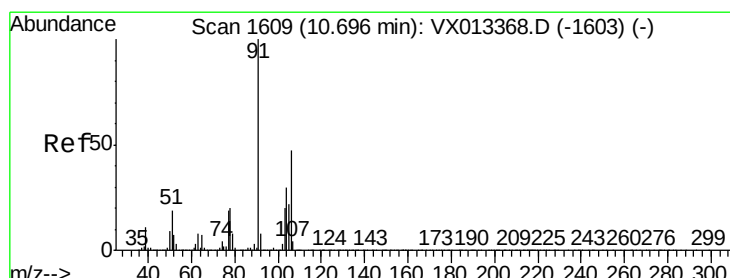
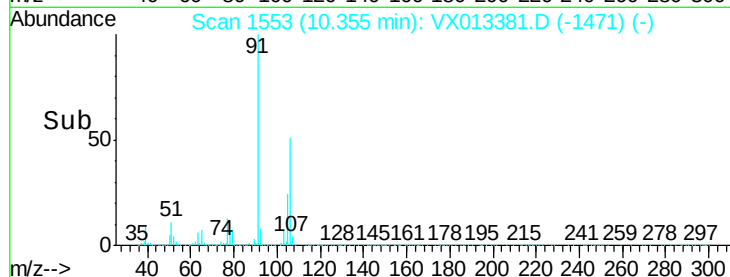
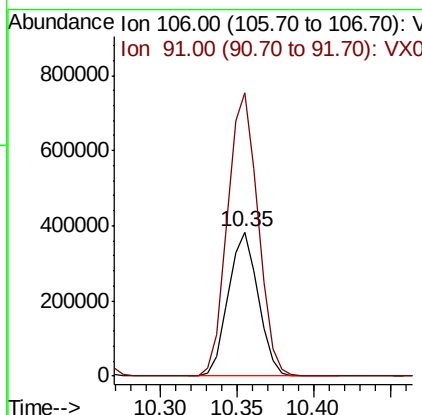
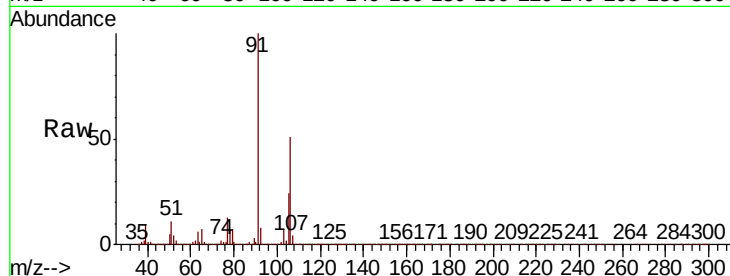
#67
m/p-Xylenes
Concen: 35.807 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion:106 Resp: 519302
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6

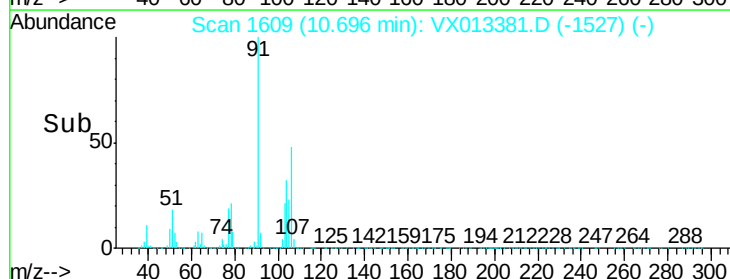
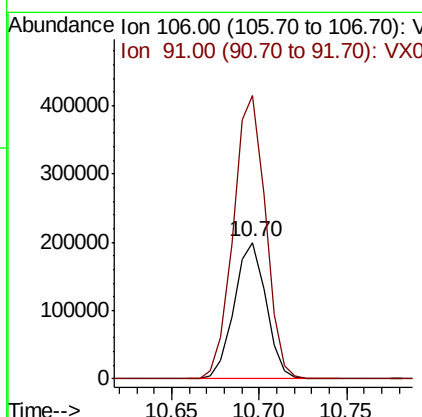
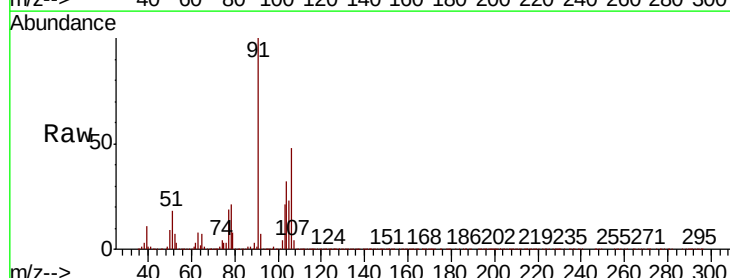
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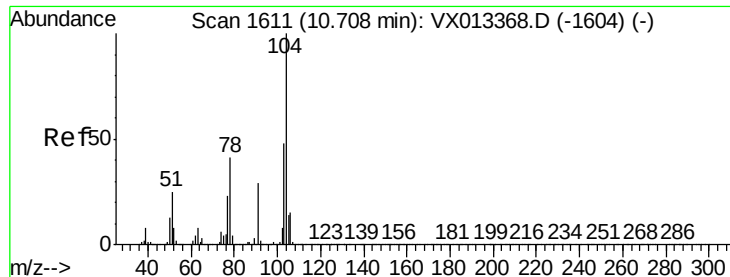
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#68
o-Xylene
Concen: 18.127 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion:106 Resp: 253705
Ion Ratio Lower Upper
106 100
91 209.7 106.4 319.2





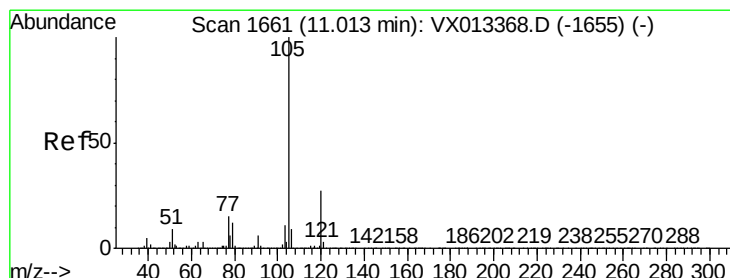
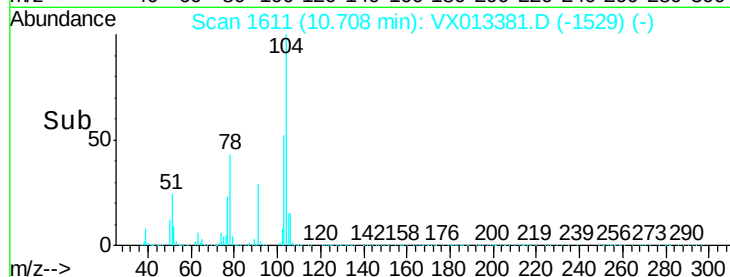
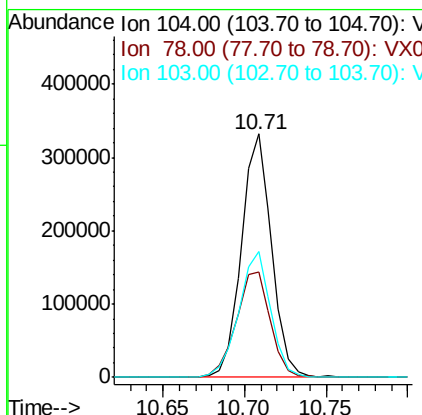
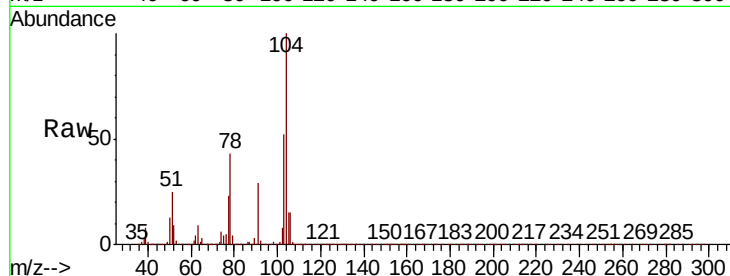
#69
Stvrene
Concen: 17.818 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.2	57.4
103	54.9	43.2	64.8

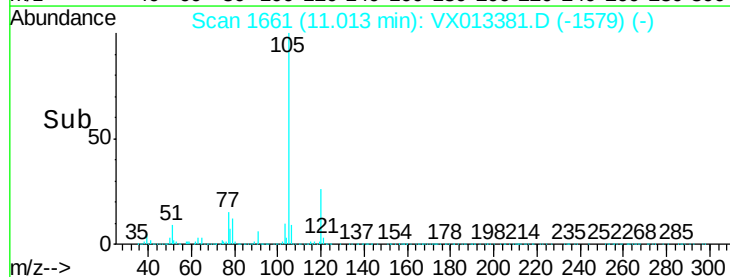
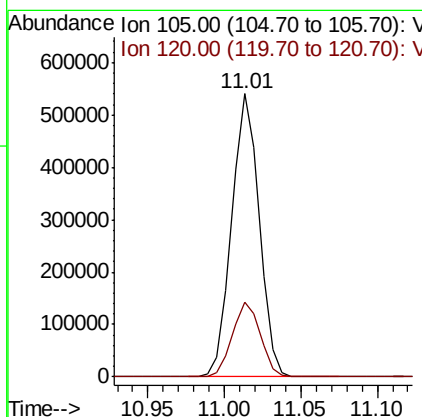
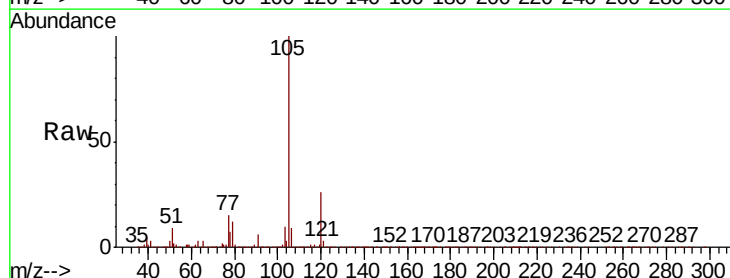
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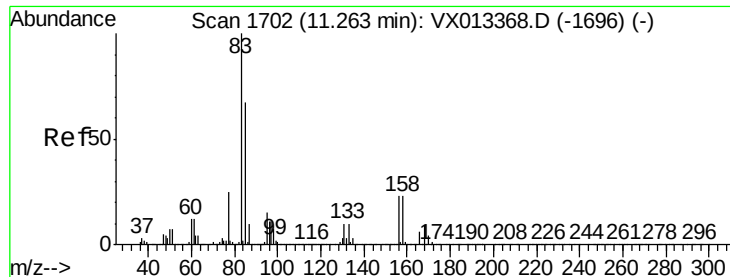
MMDadoda
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#70
Isopropylbenzene
Concen: 18.297 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.113 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 83 Resp: 239186

Ion Ratio Lower Upper

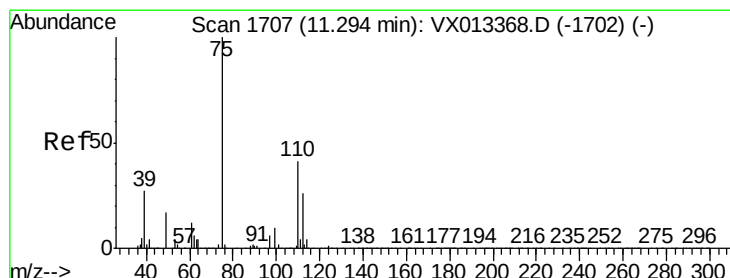
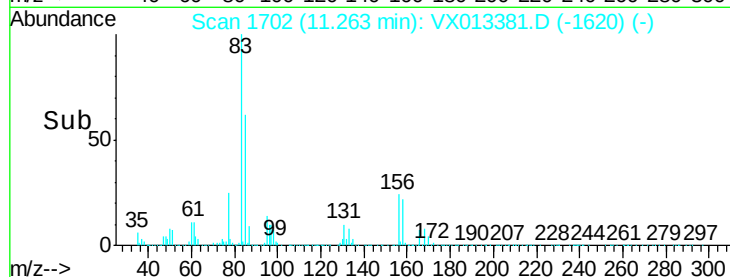
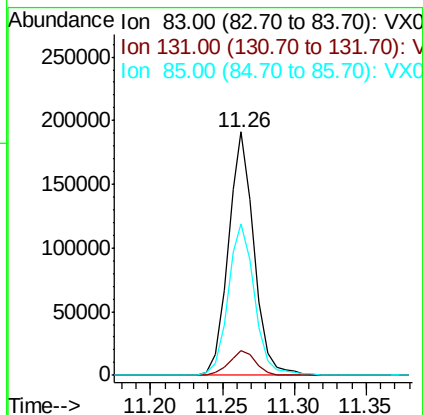
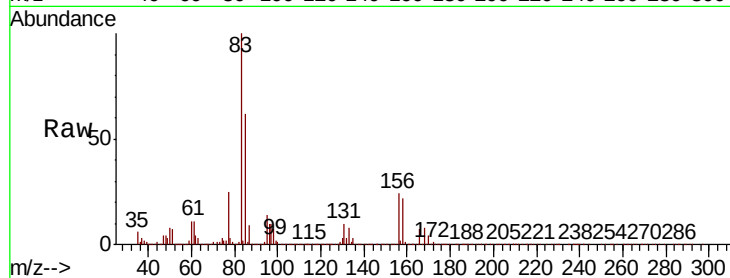
83 100

131 10.7 4.7 14.1

85 63.8 32.6 97.7

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#72

1,2,3-Trichloropropane

Concen: 19.868 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013381.D

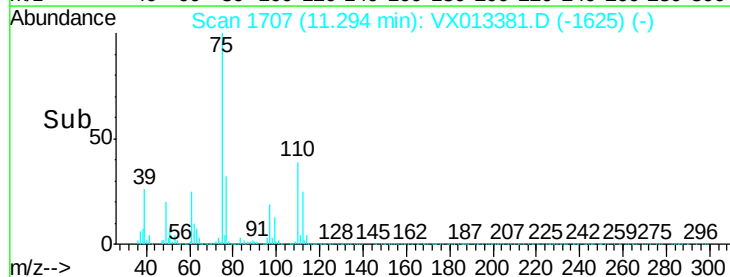
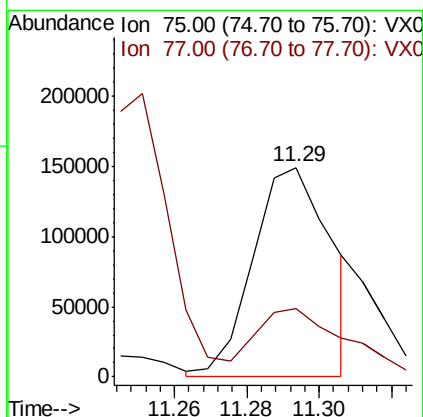
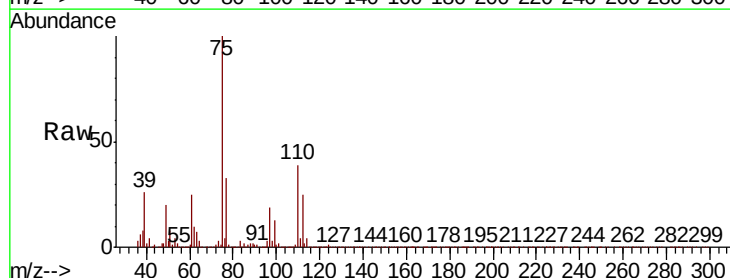
Acq: 12 Nov 2019 13:08

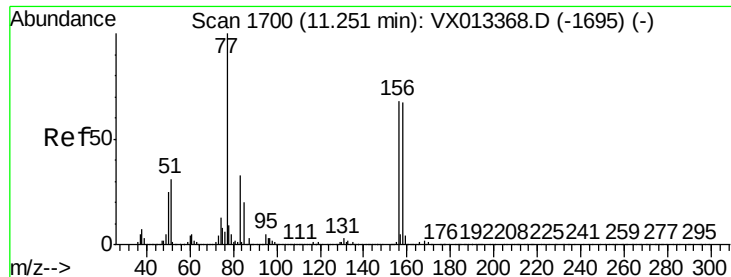
Tgt Ion: 75 Resp: 221535

Ion Ratio Lower Upper

75 100

77 35.5 0.0 86.2





#73

Bromobenzene

Concen: 17.995 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

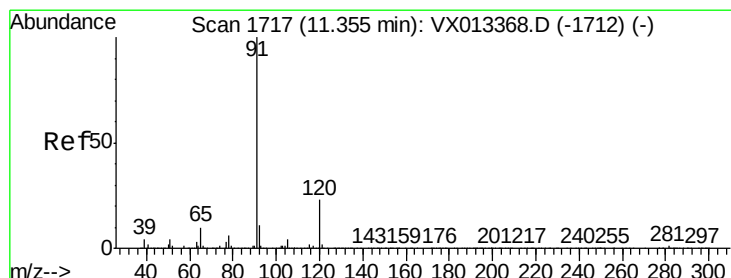
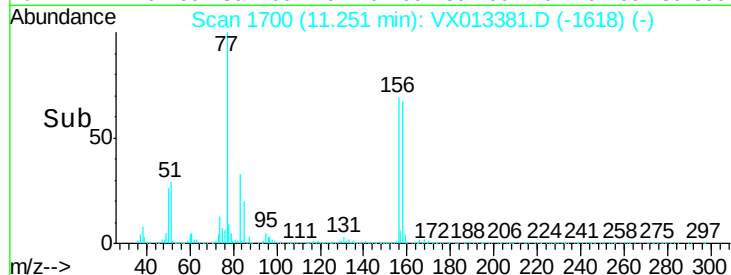
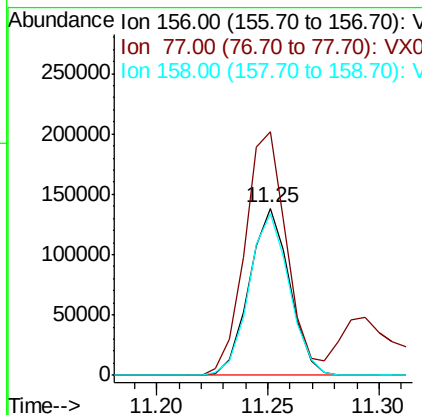
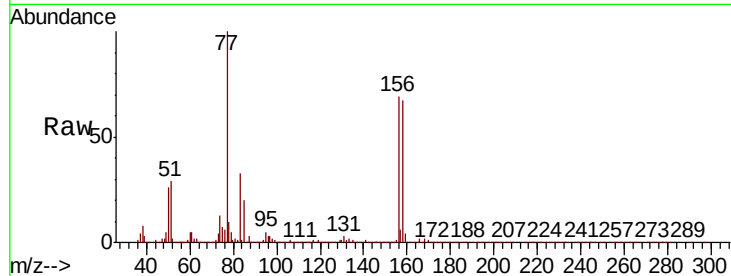
ClientSampleId :

VX1112WBSD01

Tot Ion:	156	Resp:	175015
Ion Ratio	Lower	Upper	
156	100		
77	151.9	0.0	308.8
158	96.6	0.0	197.0

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#74

n-propylbenzene

Concen: 18.197 ug/l

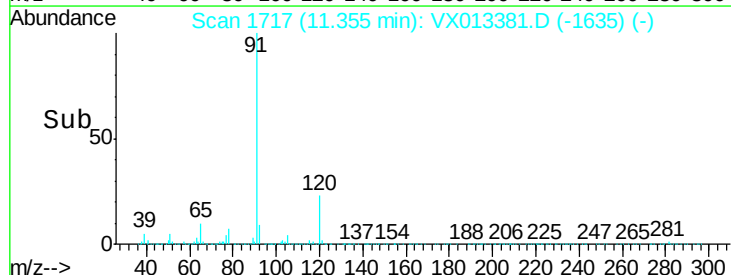
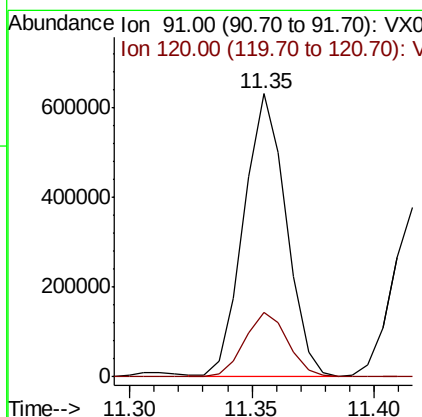
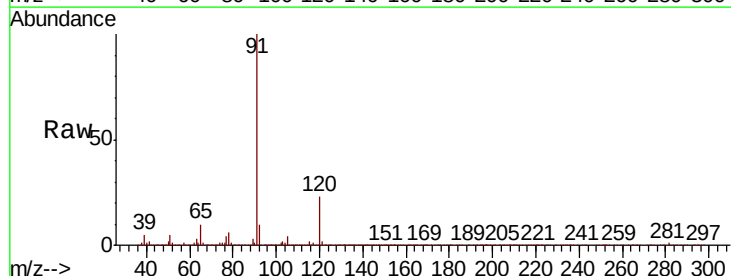
RT: 11.35 min Scan# 1717

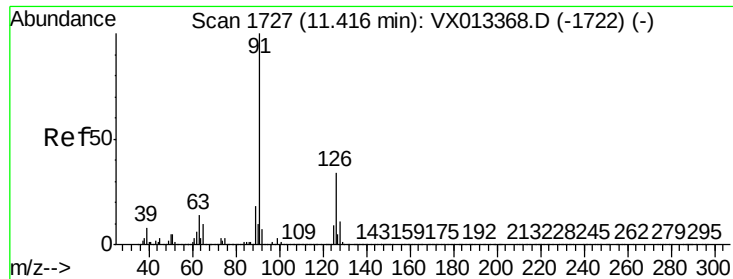
Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	91	Resp:	762678
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.213 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 91 Resp: 453943

Ion Ratio Lower Upper

91 100

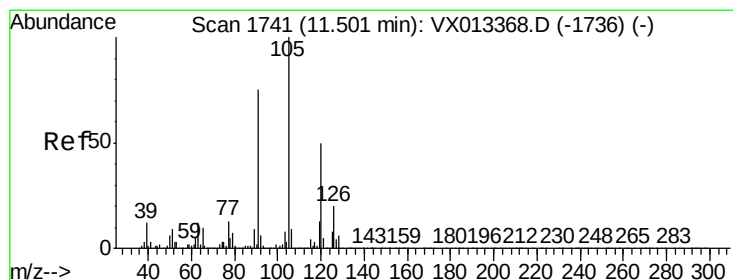
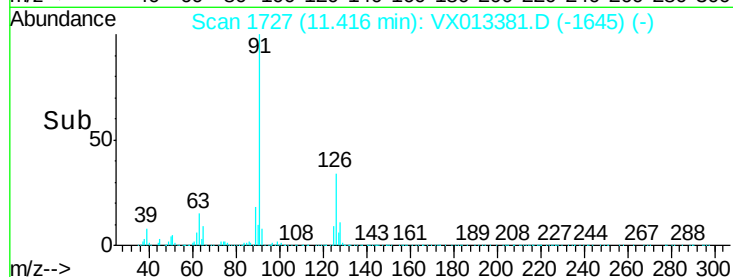
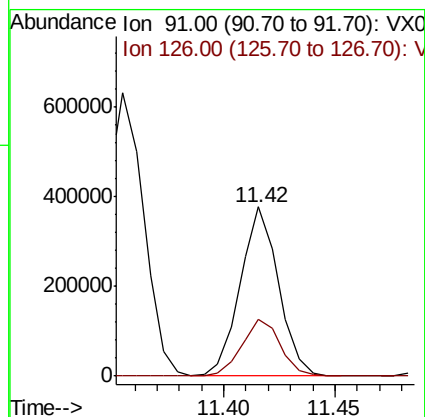
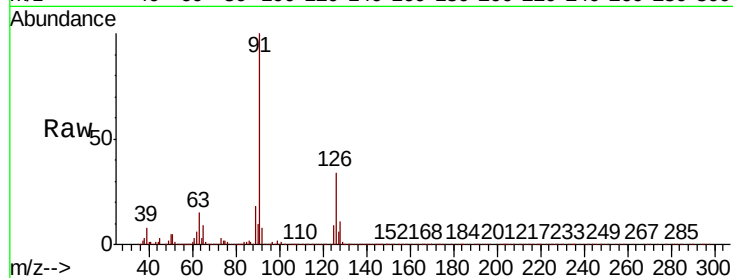
126 34.0 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 17.945 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013381.D

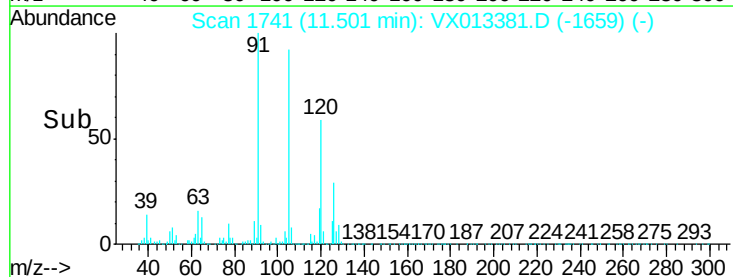
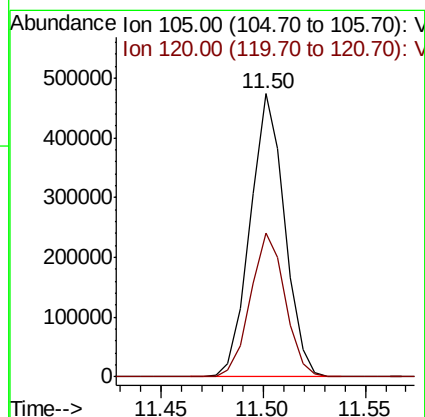
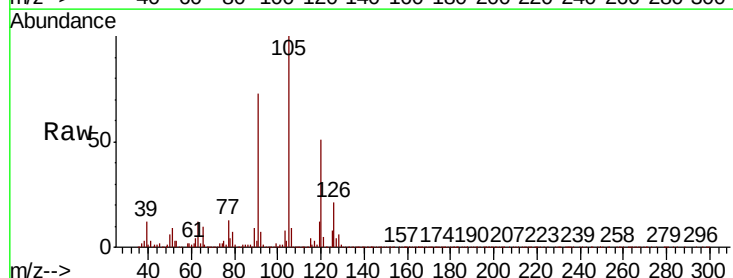
Acq: 12 Nov 2019 13:08

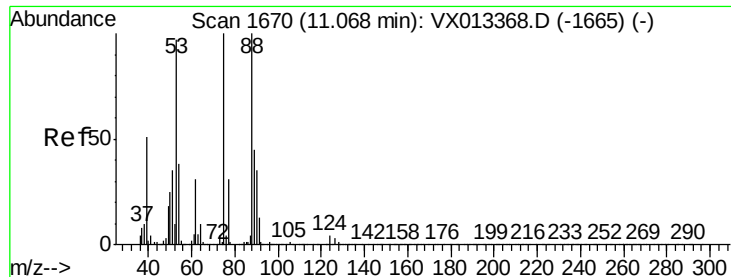
Tgt Ion: 105 Resp: 556278

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.466 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion: 75 Resp: 74238

Ion Ratio Lower Upper

75 100

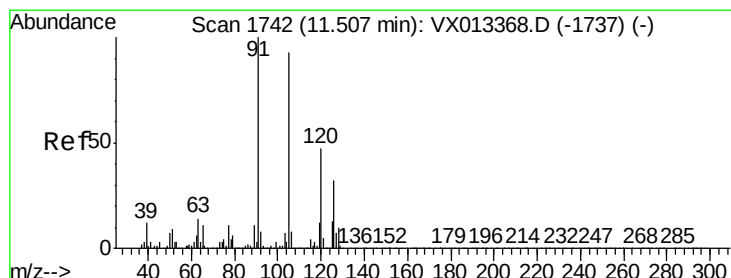
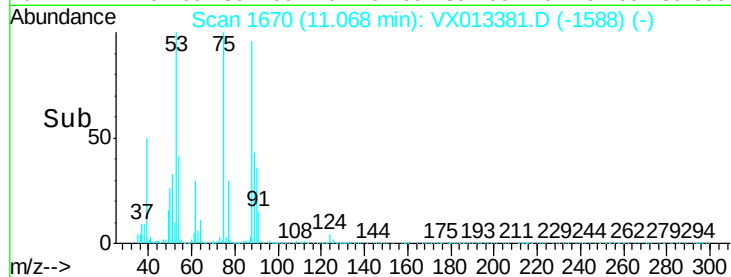
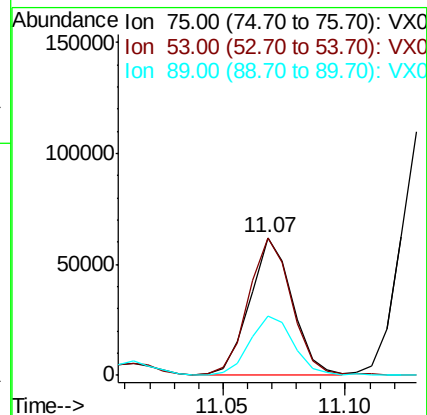
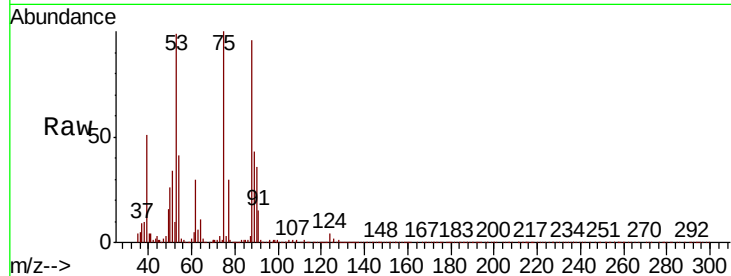
53 99.4 48.8 146.3

89 43.0 22.3 66.8

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#78

4-Chlorotoluene

Concen: 17.768 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013381.D

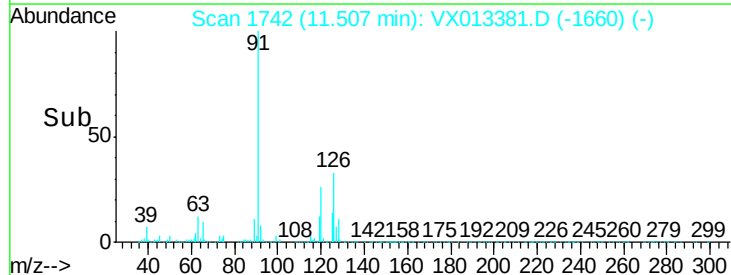
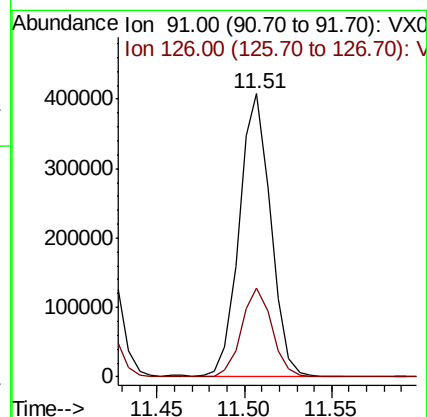
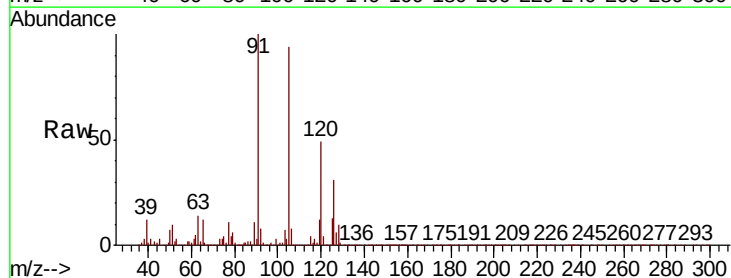
Acq: 12 Nov 2019 13:08

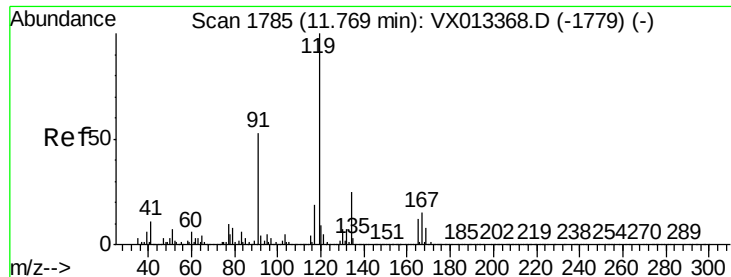
Tgt Ion: 91 Resp: 507394

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.0





#79

tert-butylbenzene

Concen: 18.105 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

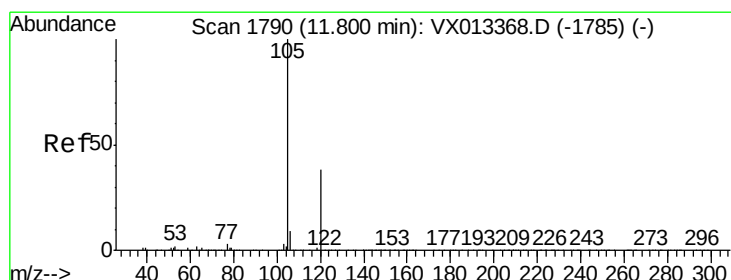
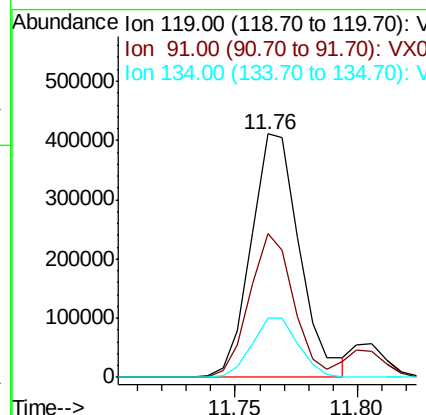
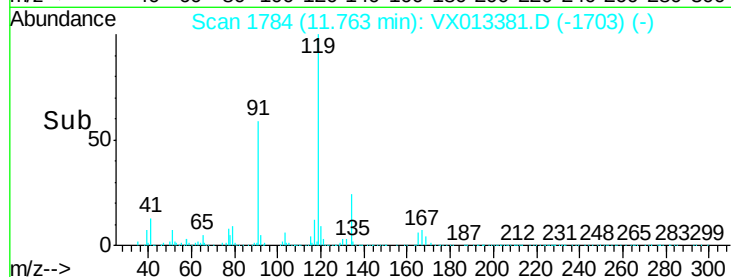
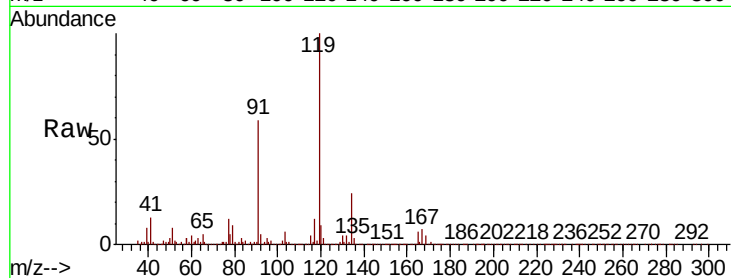
ClientSampleId :

VX1112WBSD01

Tot Ion:	119	Resp:	566272
Ion Ratio	Lower	Upper	
119	100		
91	53.7	0.0	109.6
134	23.5	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 17.887 ug/l

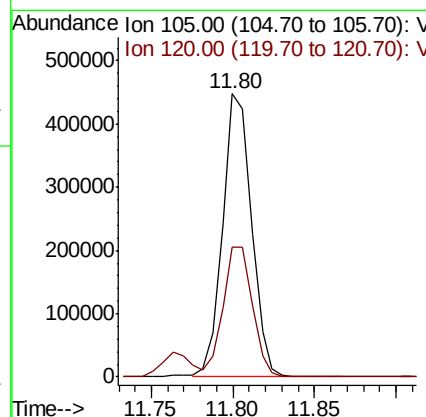
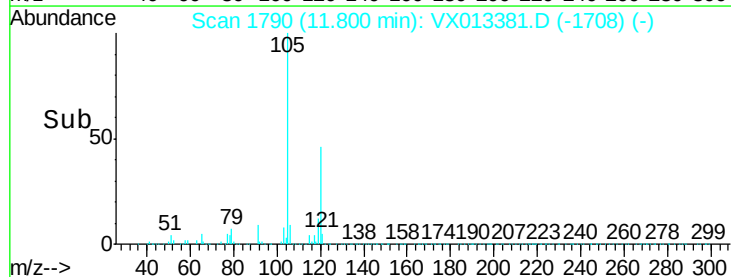
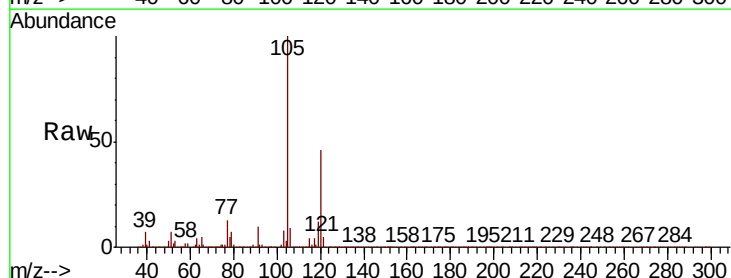
RT: 11.80 min Scan# 1790

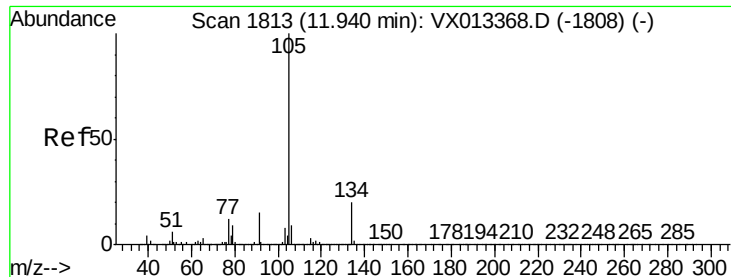
Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	105	Resp:	552578
Ion Ratio	Lower	Upper	
105	100		
120	46.8	0.0	94.0





#81

sec-Butylbenzene

Concen: 17.946 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBSD01

Tot Ion:105 Resp: 640411

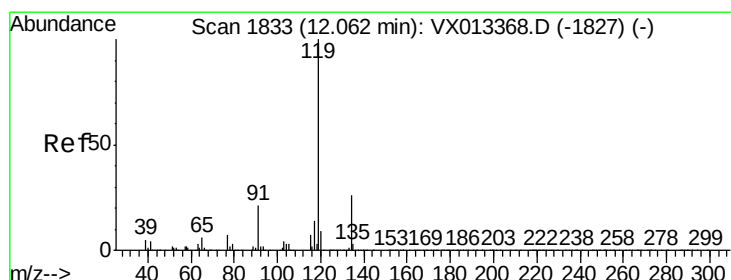
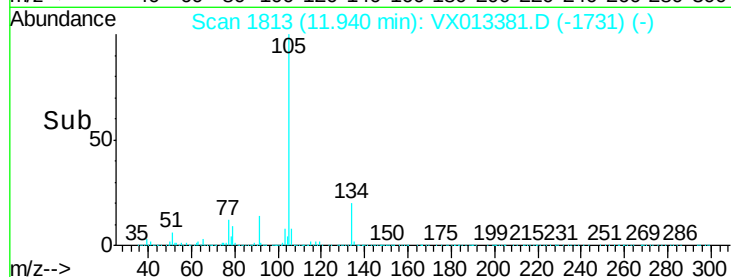
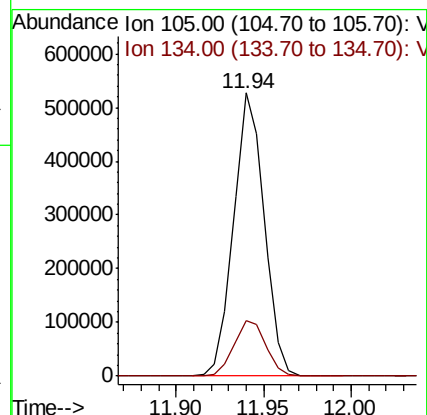
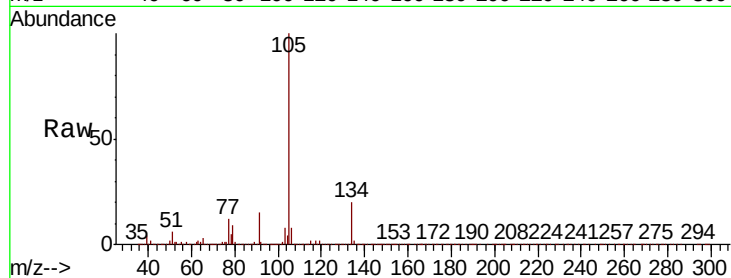
Ion Ratio Lower Upper

105 100

134 20.3 0.0 41.2

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 17.856 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

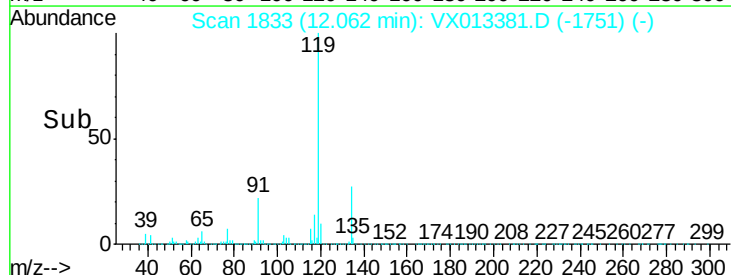
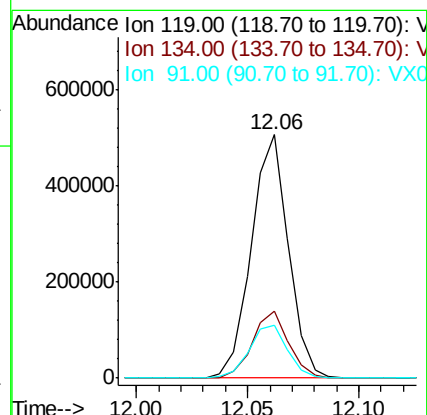
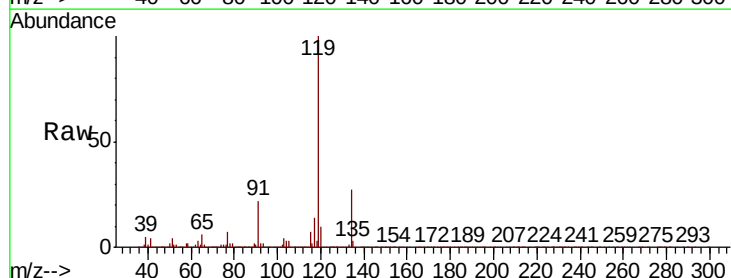
Tgt Ion:119 Resp: 587077

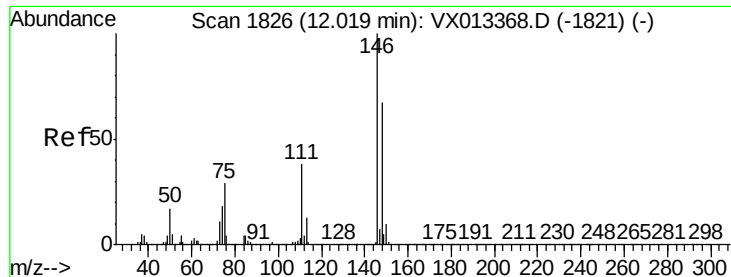
Ion Ratio Lower Upper

119 100

134 26.9 0.0 51.6

91 22.5 0.0 44.2





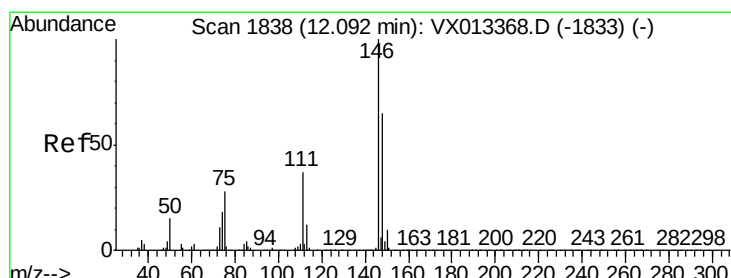
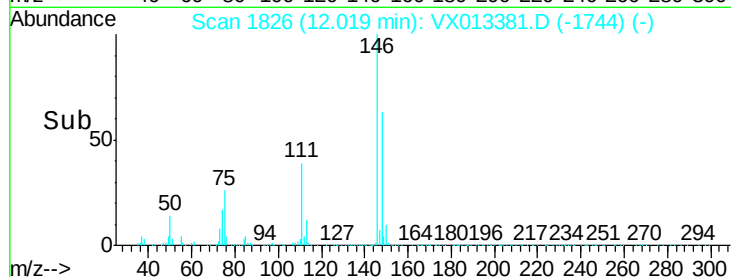
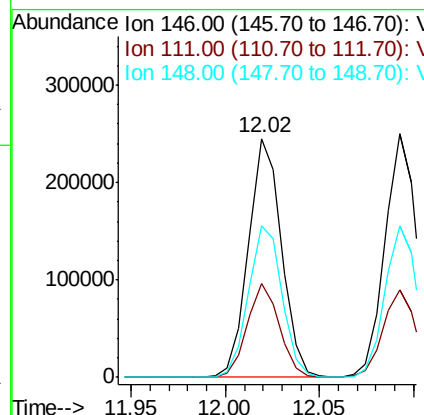
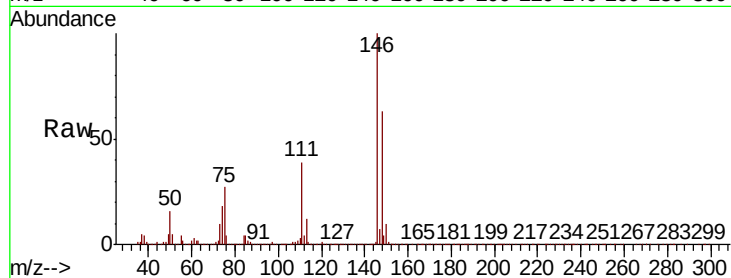
#83
1,3-Dichlorobenzene
Concen: 17.479 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	64.1	32.3	96.9

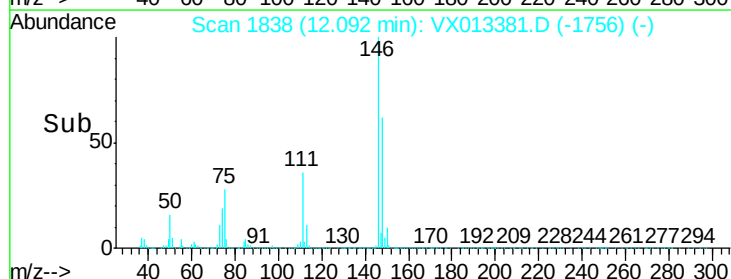
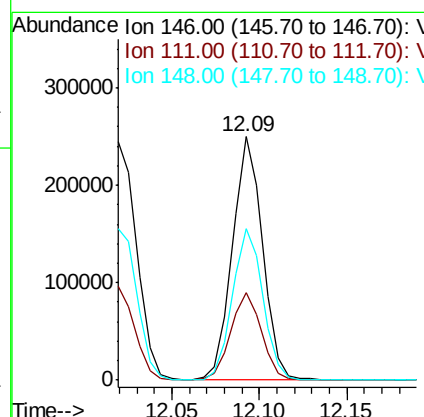
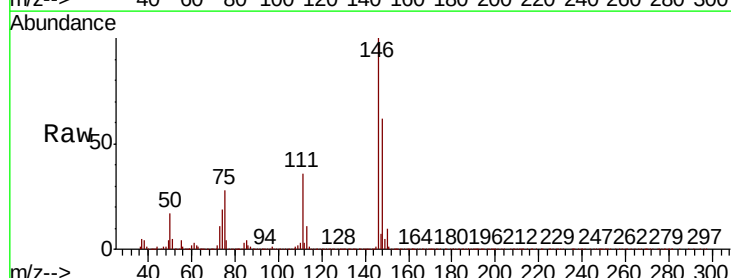
Manual Integrations
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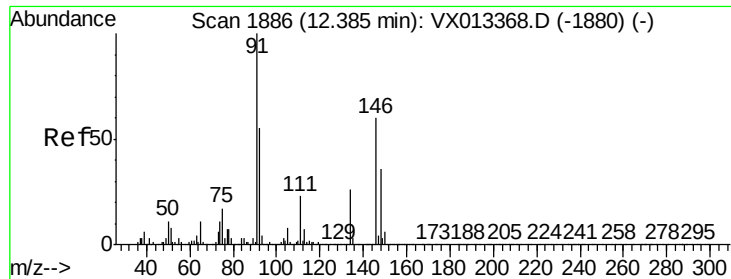
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#84
1,4-Dichlorobenzene
Concen: 17.622 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	62.6	32.5	97.4





#85

n-Butylbenzene

Concen: 17.115 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Instrument :

MSVOA_X

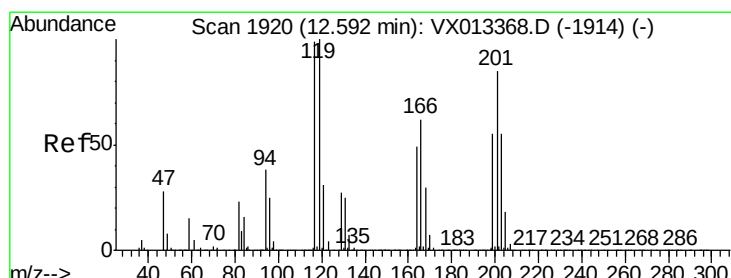
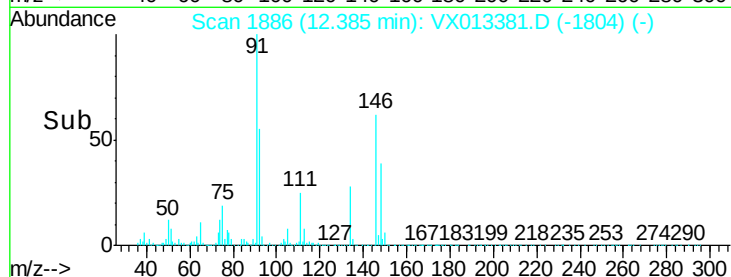
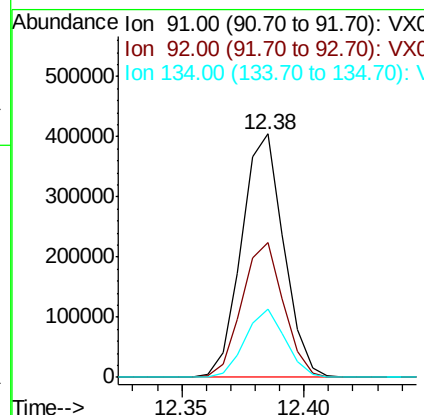
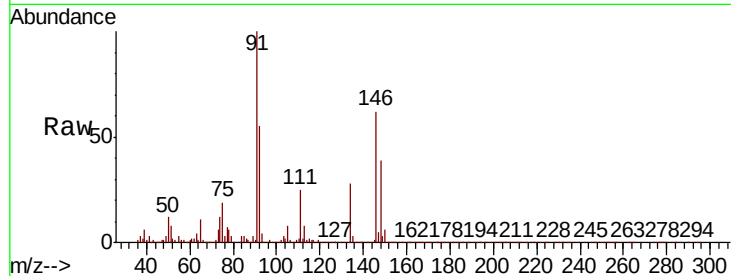
ClientSampleId :

VX1112WBSD01

Tot Ion:	91	Resp:	485675
Ion Ratio	Lower	Upper	
91	100		
92	54.7	0.0	109.0
134	26.7	0.0	53.0

Manual Integrations
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#86

Hexachloroethane

Concen: 16.766 ug/l

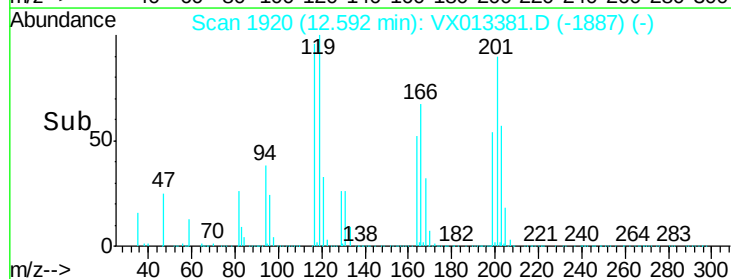
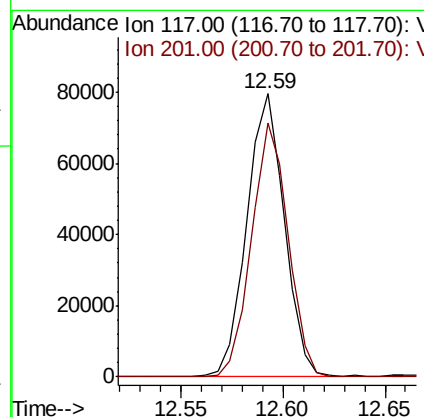
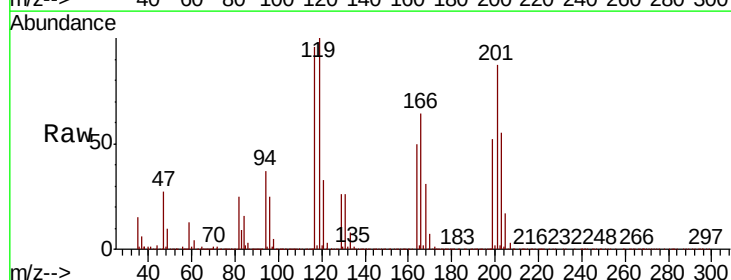
RT: 12.59 min Scan# 1920

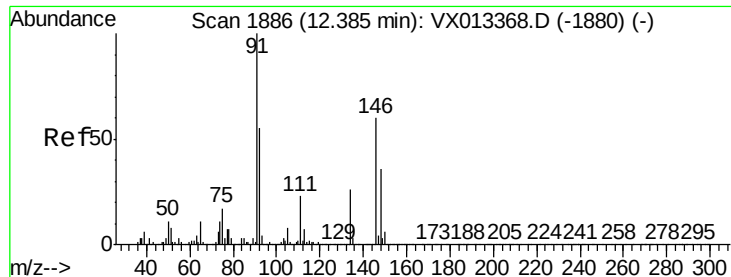
Delta R.T. -0.00 min

Lab File: VX013381.D

Acq: 12 Nov 2019 13:08

Tgt Ion:	117	Resp:	101156
Ion Ratio	Lower	Upper	
117	100		
201	87.7	44.5	133.3





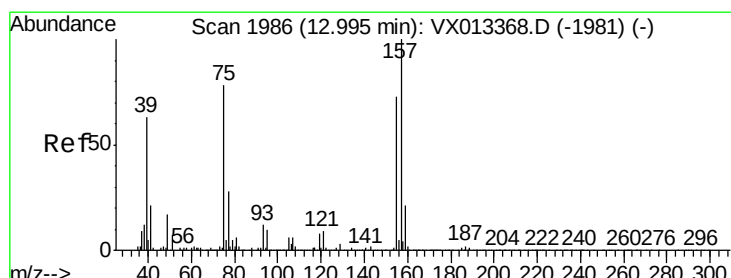
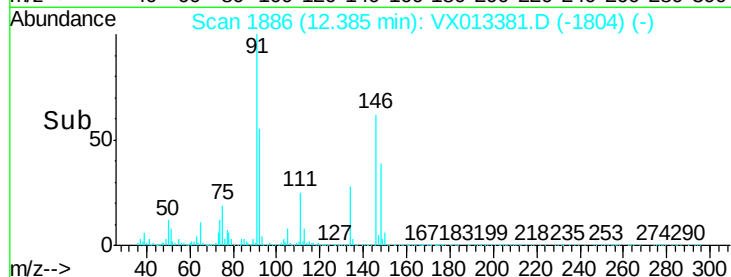
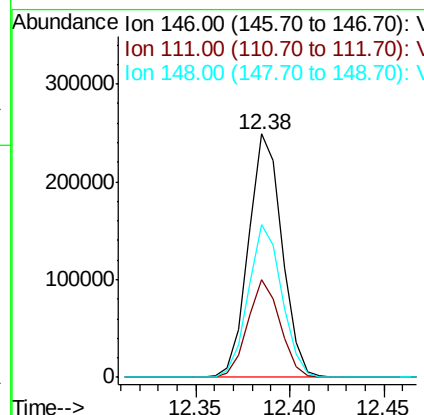
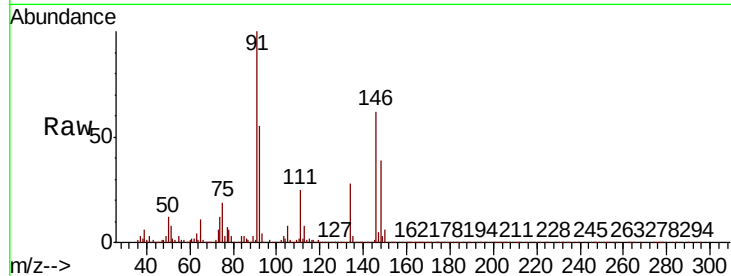
#87
 1,2-Dichlorobenzene
 Concen: 17.982 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	63.0	31.6	94.7

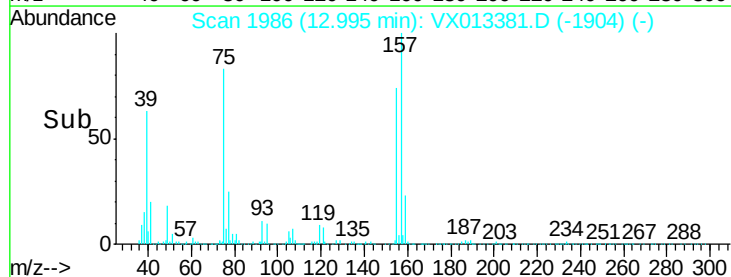
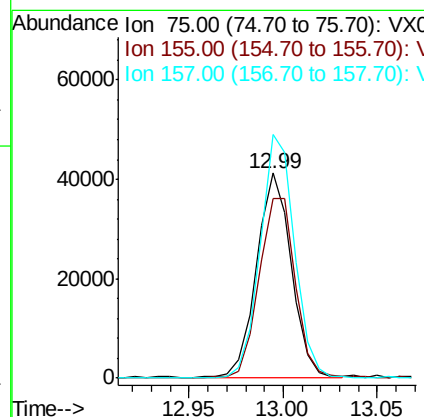
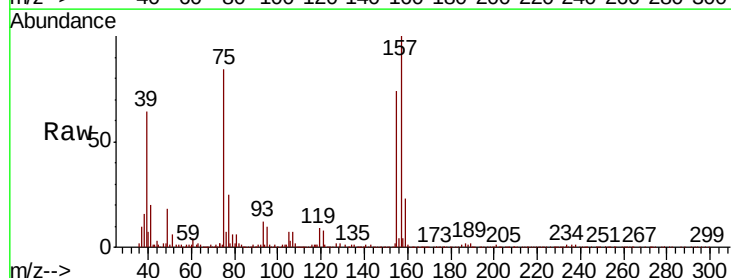
Manual Integrations
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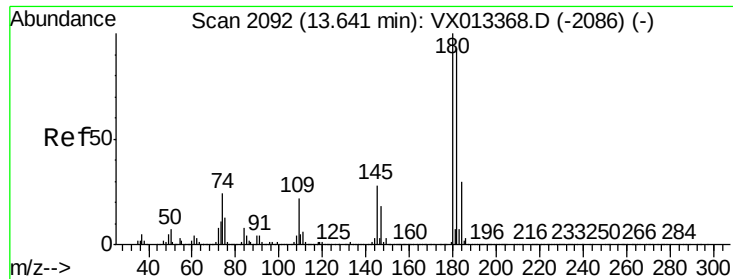
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.727 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013381.D
 Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	76.9	115.3
157	117.7	101.2	151.8





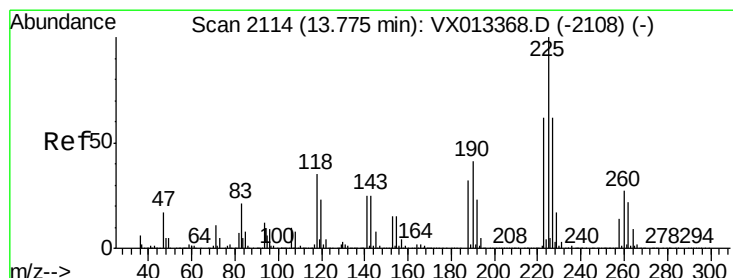
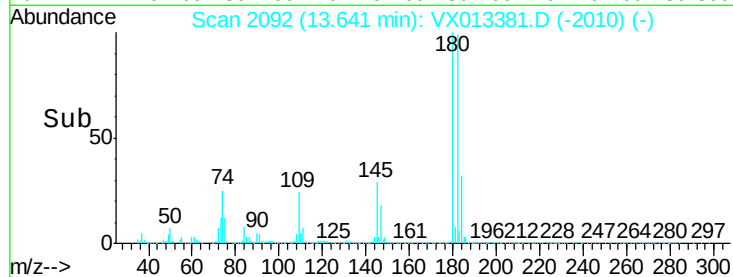
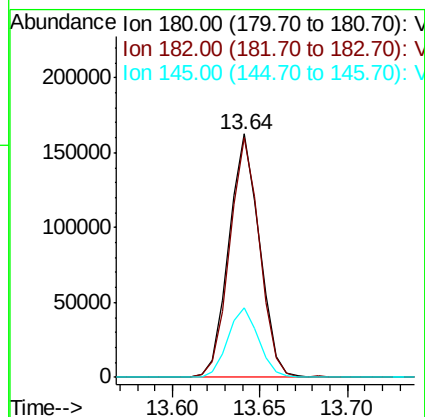
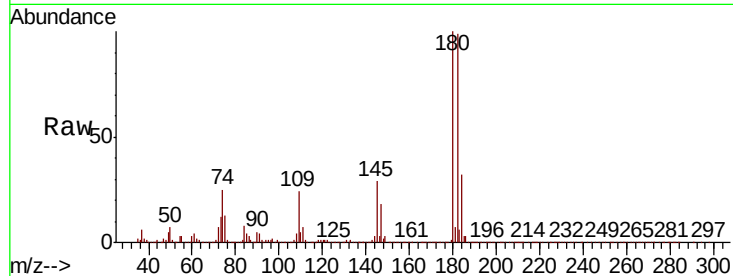
#89
1,2,4-Trichlorobenzene
Concen: 16.762 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	197615		
182	96.1	74.7	112.1	
145	28.9	22.1	33.1	

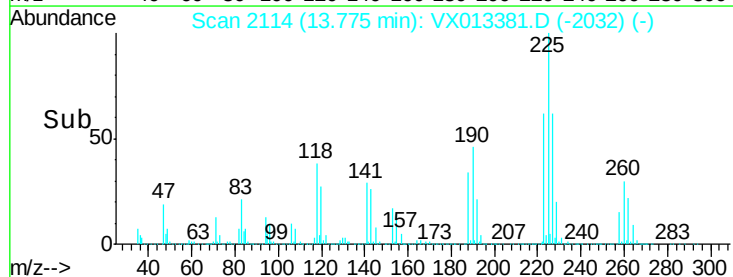
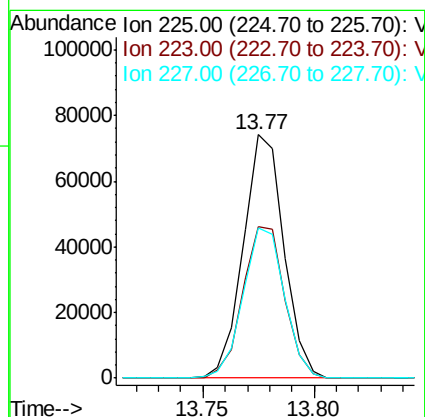
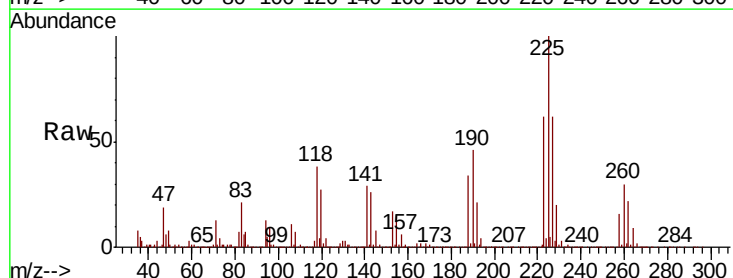
Manual Integrations
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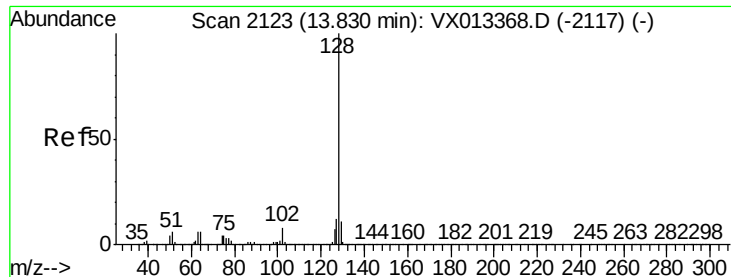
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#90
Hexachlorobutadiene
Concen: 16.765 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94713		
223	64.2	0.0	123.0	
227	63.0	0.0	121.8	





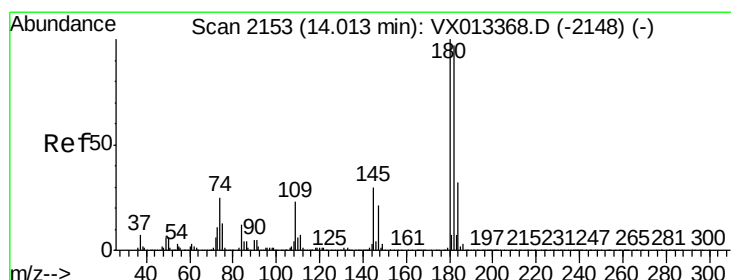
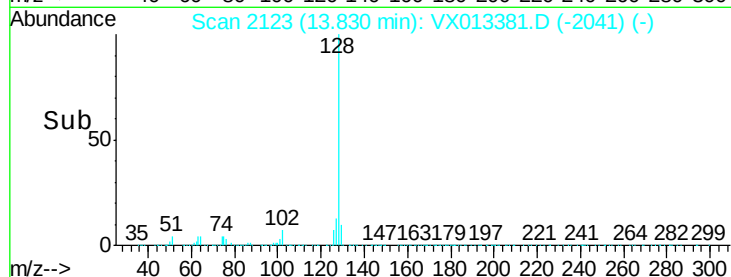
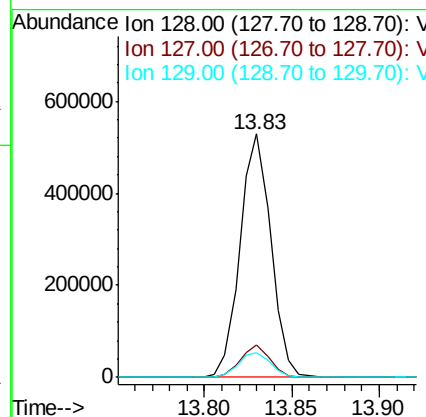
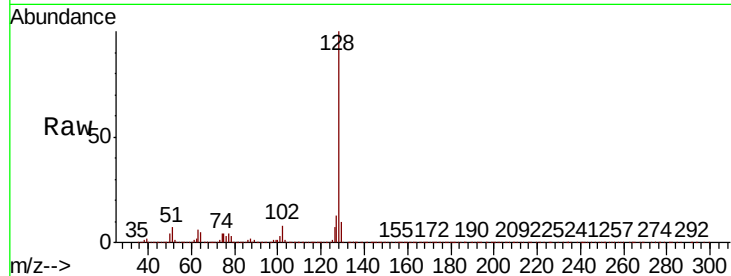
#91
Naphthalene
Concen: 17.375 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Instrument :
MSVOA_X
ClientSampled :
VX1112WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		648577		
127	12.8	10.2		15.2	
129	10.6	8.8		13.2	

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.068 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013381.D
Acq: 12 Nov 2019 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		203357		
182	95.5	0.0		191.0	
145	30.6	0.0		59.0	

