

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013652.D
 Acq On : 27 Nov 2019 15:00
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 12/2/2019 3:17:24 PM

Quant Time: Nov 29 04:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	113119	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	649136	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	576015	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	244186	29.23	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.43%
60) 4-Bromofluorobenzene	11.14	95	271648	29.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.80%
63) Toluene-d8	8.71	98	782484	30.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	174310	20.566	ug/l 100
3) Chloromethane	1.32	50	188883	20.448	ug/l 97
4) Vinyl Chloride	1.40	62	216703	20.647	ug/l 99
5) Bromomethane	1.63	94	119515	18.941	ug/l 96
6) Chloroethane	1.72	64	125555	21.762	ug/l 100
7) Trichlorofluoromethane	1.92	101	232626	20.587	ug/l 99
8) Diethyl Ether	2.18	74	104846	20.322	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140728	20.700	ug/l 99
10) 1,1-Dichloroethene	2.37	96	140227	20.072	ug/l 98
11) Methyl Iodide	2.50	142	165771	19.217	ug/l 98
12) Methyl Acetate	2.76	43	255614	20.880	ug/l 99
13) Acrolein	2.28	56	108785	83.658	ug/l 98
14) Acrylonitrile	3.13	53	454912	101.055	ug/l 99
15) Acetone	2.43	58	146085	107.148	ug/l 99
16) Carbon Disulfide	2.56	76	368786	18.926	ug/l 99
17) Allyl chloride	2.72	41	251956	19.584	ug/l 98
18) Methylene Chloride	2.85	84	161485	20.373	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	152645	20.444	ug/l 97
20) Diisopropyl ether	3.84	45	512546	20.707	ug/l 88
21) 1,1-Dichloroethane	3.69	63	274657	20.373	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	175746	20.646	ug/l 97
23) tert-Butyl Alcohol	3.03	59	206968	95.535	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	473553	20.481	ug/l 100
25) Chloroform	5.20	83	274722	20.818	ug/l 100
26) Cyclohexane	5.58	56	247645	20.228	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	203304	20.505	ug/l 98
30) 2-Butanone	4.66	43	680854	104.037	ug/l 99
31) 2,2-Dichloropropane	4.57	77	212602	19.800	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	229169	20.795	ug/l 97
33) Carbon Tetrachloride	5.78	117	192895	20.152	ug/l 98
34) Benzene	6.14	78	630709	20.972	ug/l 99
35) Methacrylonitrile	5.03	41	133887	20.487	ug/l 97
36) 1,2-Dichloroethane	6.19	62	221068	21.001	ug/l 100
37) Trichloroethene	7.21	130	170381	21.148	ug/l 98
38) Methylcyclohexane	7.46	83	251299	20.671	ug/l 99
39) 1,2-Dichloropropane	7.51	63	158051	20.325	ug/l 99
40) Dibromomethane	7.65	93	106063	20.495	ug/l 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	204176	20.211	ug/l	97
42) Vinyl Acetate	3.80	43	2104125	102.122	ug/l	100
43) Ethyl Acetate	4.82	43	251369	21.060	ug/l	97
44) Isopropyl Acetate	6.44	43	391258	20.392	ug/l	99
45) 1,4-Dioxane	7.73	88	86662	409.115	ug/l	97
46) Methyl methacrylate	7.76	41	188911	19.794	ug/l	99
47) n-amyl Acetate	10.89	43	330787	19.655	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	221090	19.517	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	247356	19.928	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	157364	20.550	ug/l	99
51) Ethyl methacrylate	9.17	69	254312	20.170	ug/l	99
52) 1,3-Dichloropropane	9.37	76	271218	20.718	ug/l	99
53) Dibromochloromethane	9.58	129	160659	19.795	ug/l	97
54) 1,2-Dibromoethane	9.67	107	169102	20.651	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	477672	88.666	ug/l	99
56) Bromoform	10.85	173	125835	19.482	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1259401	104.661	ug/l	99
59) 2-Hexanone	9.48	43	975970	102.508	ug/l	99
61) Tetrachloroethene	9.33	164	152311	21.443	ug/l	97
62) Toluene	8.78	91	675320	21.048	ug/l	100
64) Chlorobenzene	10.14	112	422967	21.084	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	154570	20.583	ug/l	99
66) Ethyl Benzene	10.25	91	736205	20.886	ug/l	98
67) m/p-Xylenes	10.36	106	562716	41.386	ug/l	99
68) o-Xylene	10.70	106	273240	20.823	ug/l	99
69) Styrene	10.71	104	465757	20.786	ug/l	100
70) Isopropylbenzene	11.01	105	724258	20.946	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	256267	20.699	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	203044m	19.423	ug/l	
73) Bromobenzene	11.25	156	187092	20.518	ug/l	99
74) n-propylbenzene	11.35	91	813790	20.710	ug/l	99
75) 2-Chlorotoluene	11.42	91	483279	20.682	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	607958	20.918	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	77668	18.375	ug/l	92
78) 4-Chlorotoluene	11.51	91	543898	20.316	ug/l	99
79) tert-butylbenzene	11.77	119	607859	20.729	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	596539	20.597	ug/l	100
81) sec-Butylbenzene	11.94	105	691099	20.657	ug/l	100
82) p-Isopropyltoluene	12.06	119	633432	20.549	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	328250	20.475	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	326926	20.544	ug/l	98
85) n-Butylbenzene	12.39	91	527842	19.840	ug/l	99
86) Hexachloroethane	12.59	117	106758	18.873	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	326361	20.359	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.99	75	53942	19.483	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	218313	19.751	ug/l	98
90) Hexachlorobutadiene	13.78	225	103262	19.496	ug/l	96
91) Naphthalene	13.83	128	692011	19.774	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	221043	19.789	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

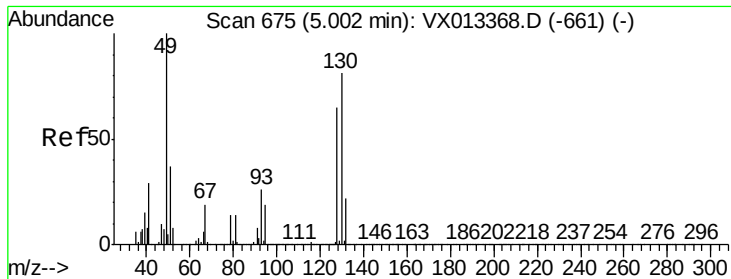
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

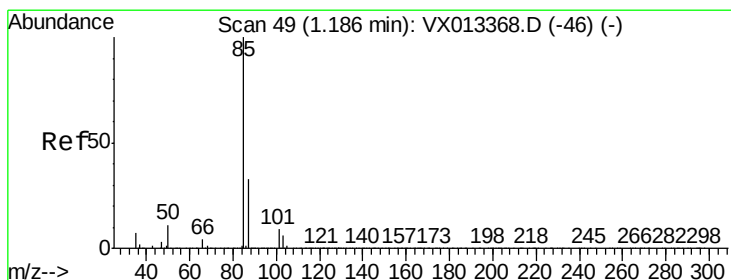
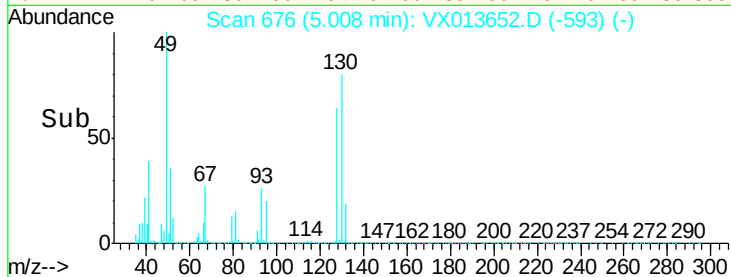
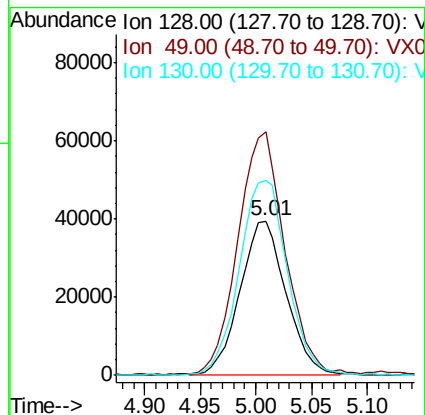
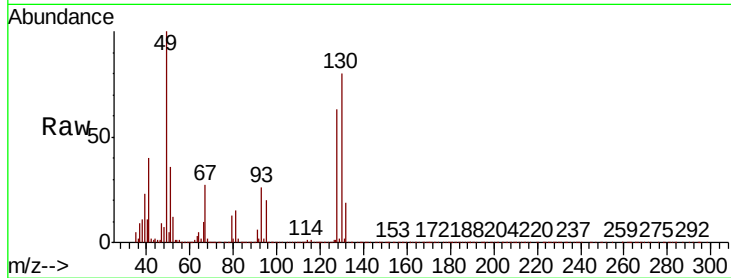
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	113119		
49	160.0	0.0	388.3	
130	132.5	0.0	318.5	

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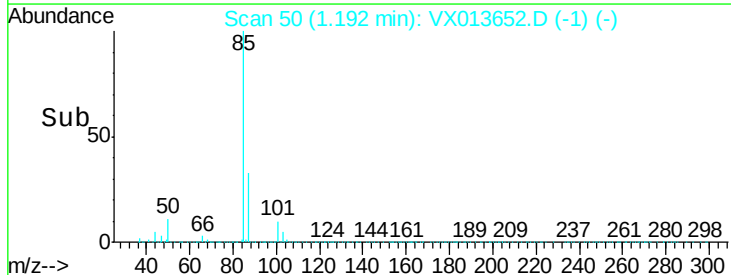
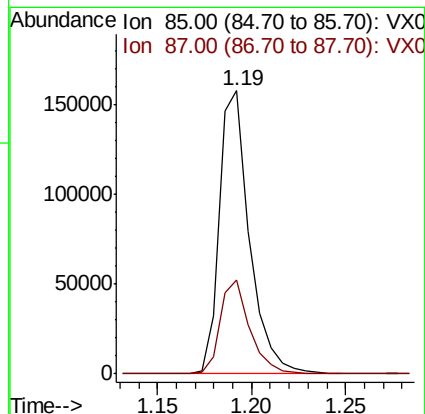
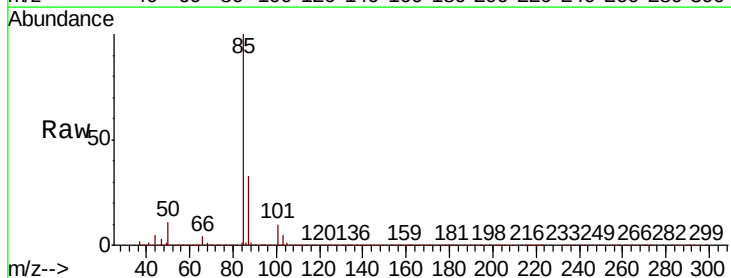
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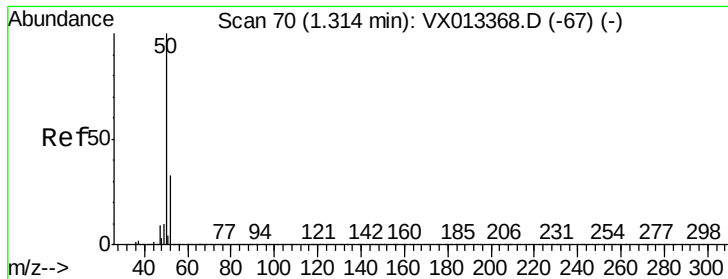


#2

Dichlorodifluoromethane
Concen: 20.566 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	174310		
87	33.1	16.6	49.7	





#3

Chloromethane

Concen: 20.448 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 188883

Ion Ratio Lower Upper

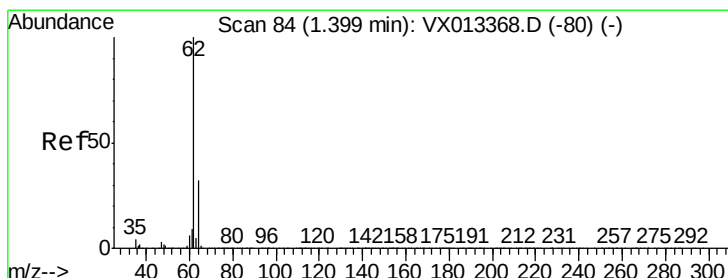
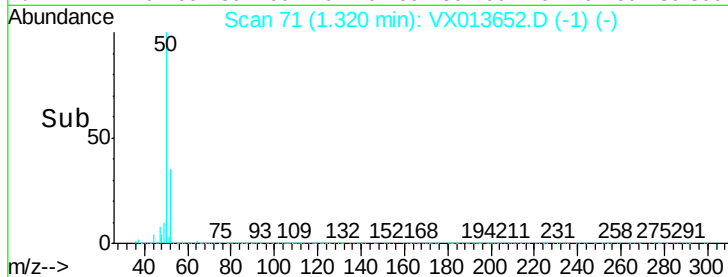
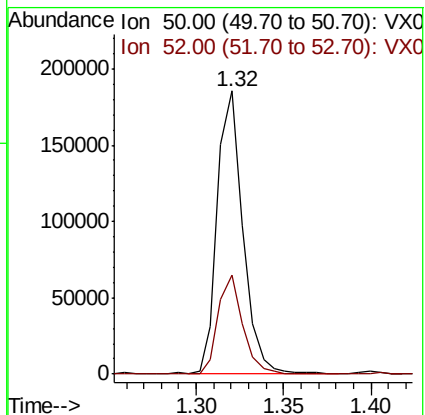
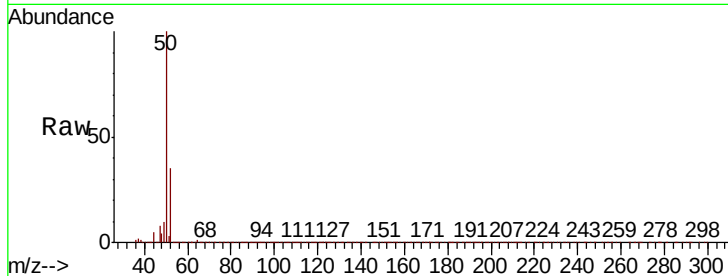
50 100

52 34.8 26.6 40.0

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#4

Vinyl Chloride

Concen: 20.647 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013652.D

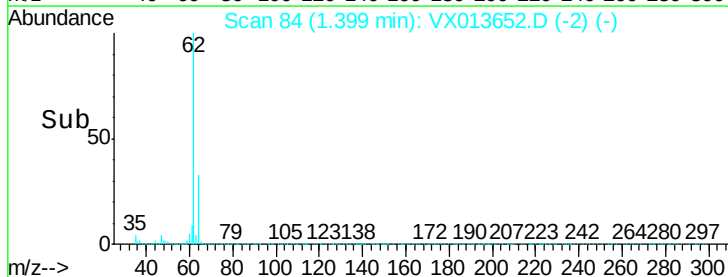
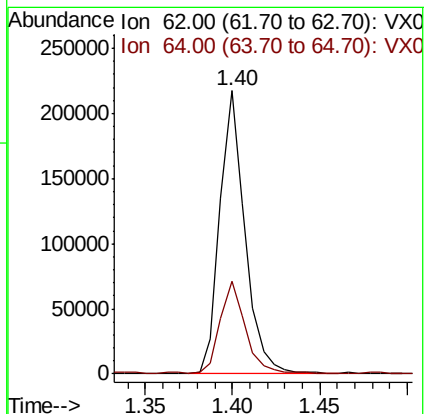
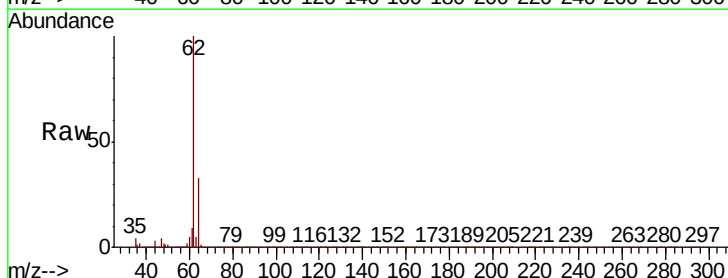
Acq: 27 Nov 2019 15:00

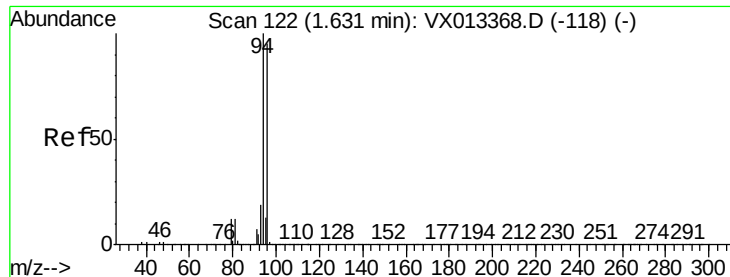
Tgt Ion: 62 Resp: 216703

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 18.941 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 94 Resp: 119515

Ion Ratio Lower Upper

94 100

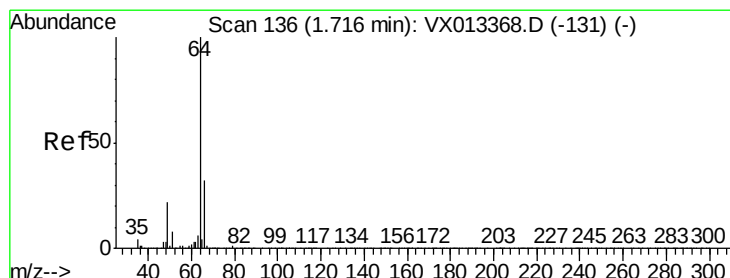
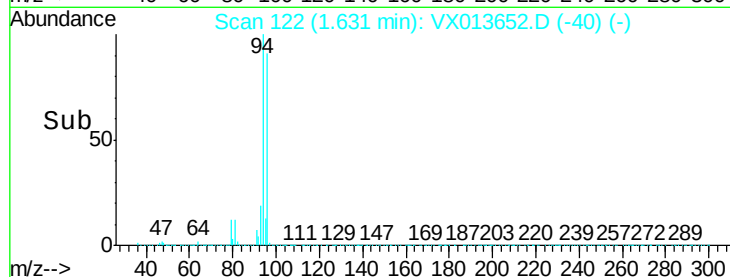
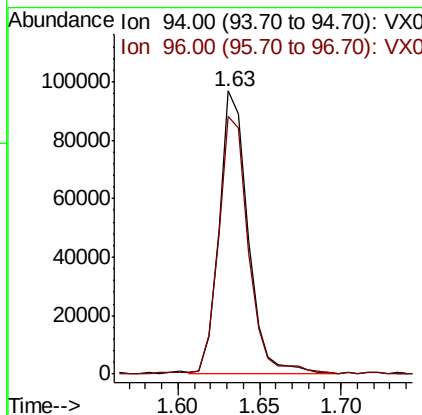
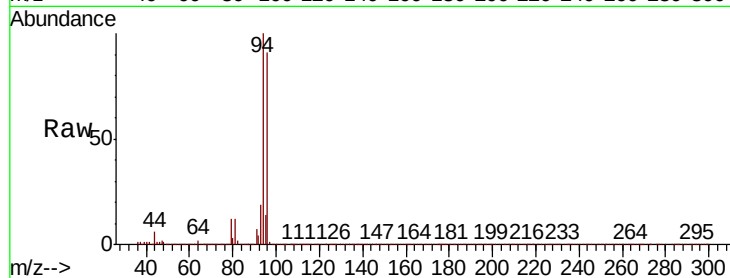
96 91.1 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 21.762 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013652.D

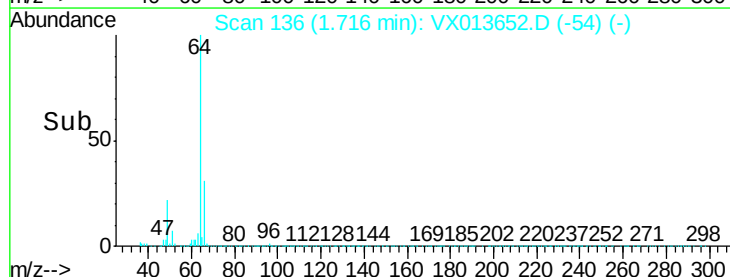
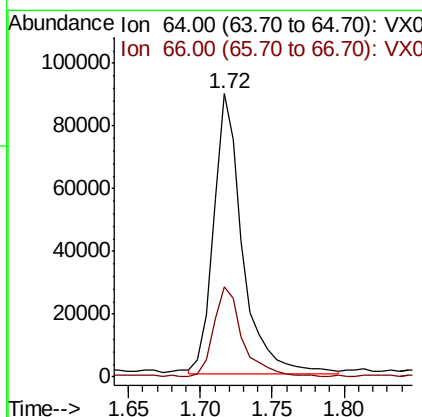
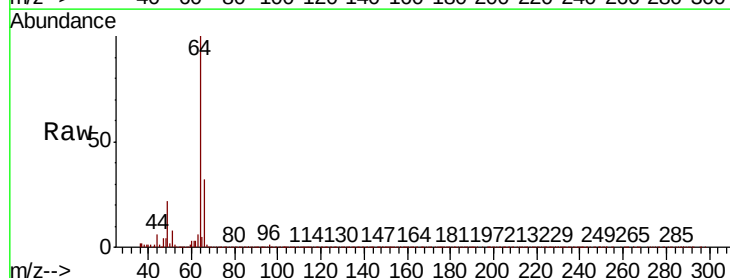
Acq: 27 Nov 2019 15:00

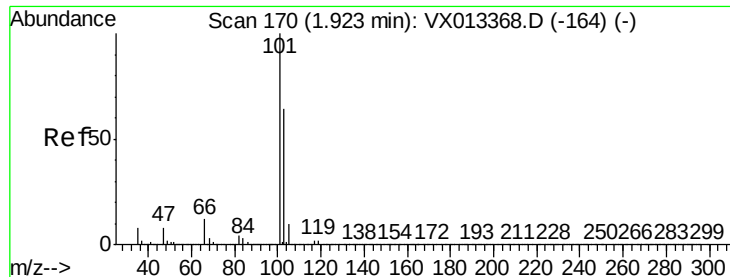
Tgt Ion: 64 Resp: 125555

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3





#7

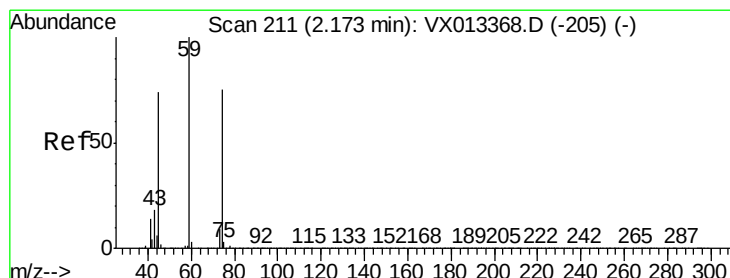
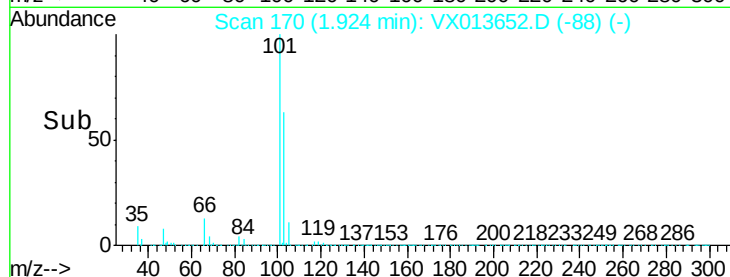
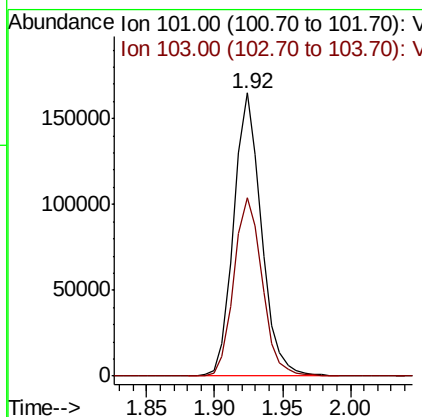
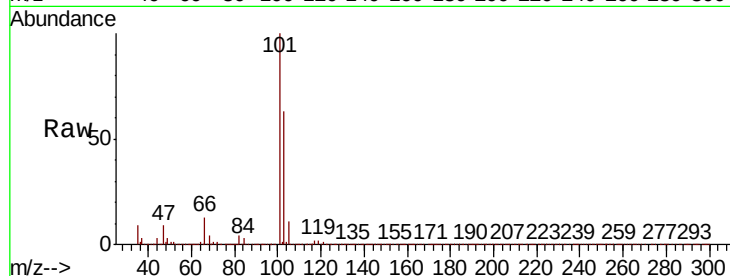
Trichlorofluoromethane
Concen: 20.587 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.2	76.8

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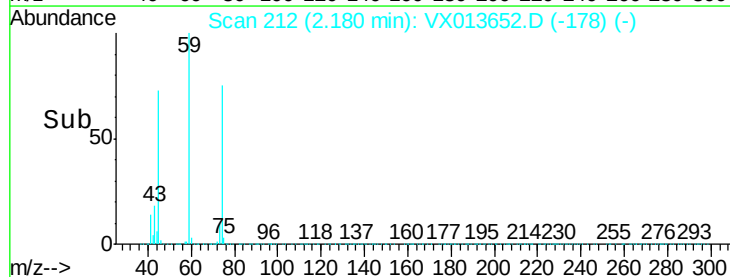
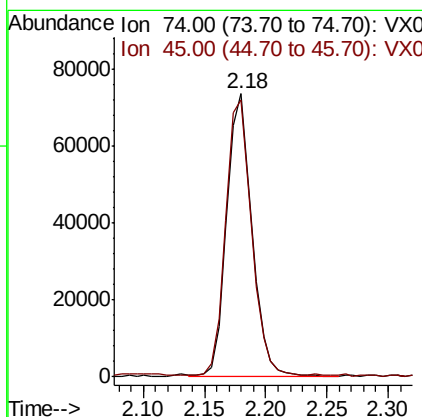
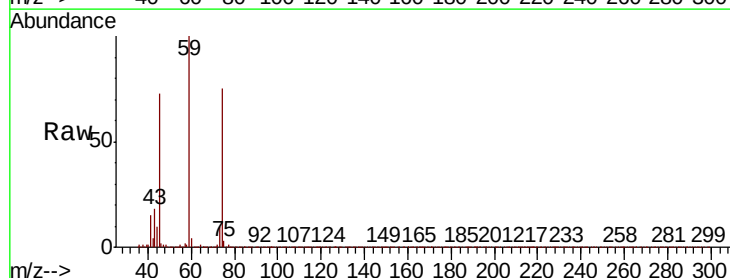
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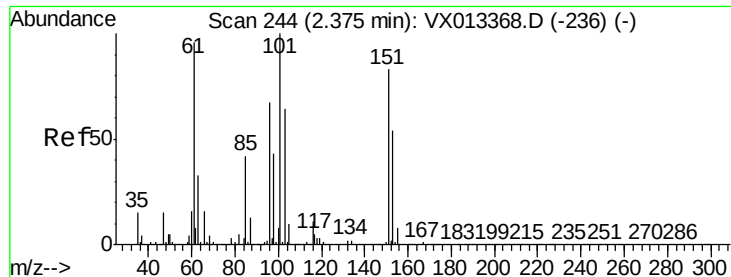


#8

Diethyl Ether
Concen: 20.322 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.700 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

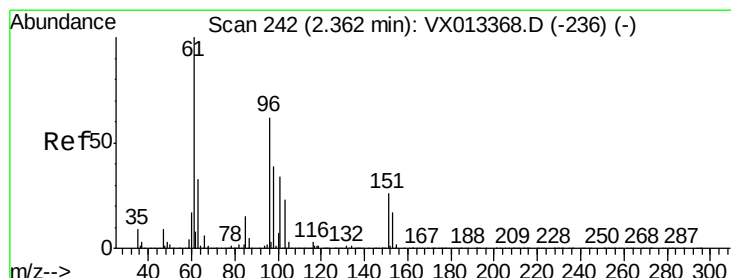
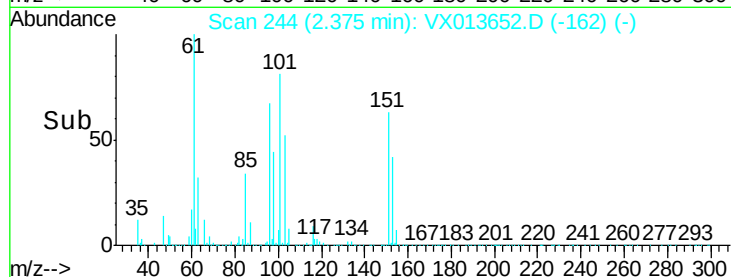
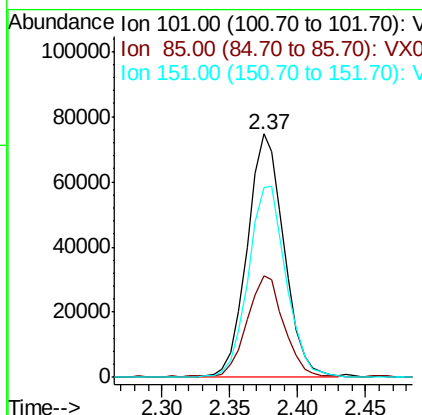
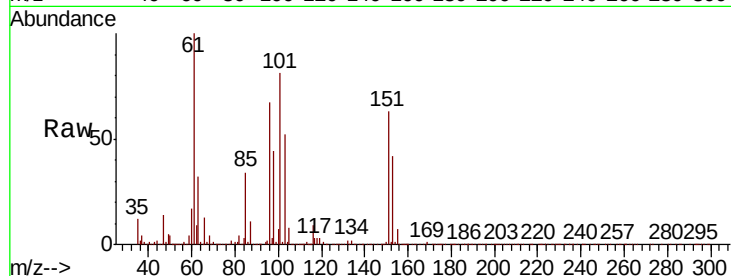
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	140728
Ion Ratio	Lower	Upper	
101	100		
85	41.0	0.0	83.2
151	81.3	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.072 ug/l

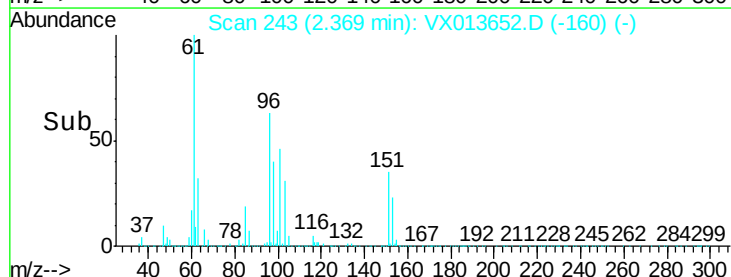
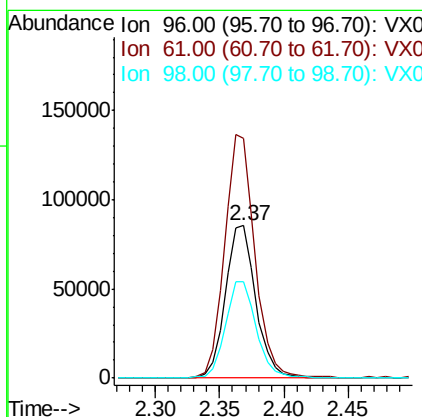
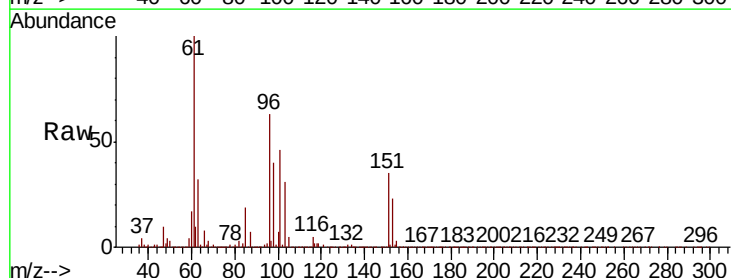
RT: 2.37 min Scan# 243

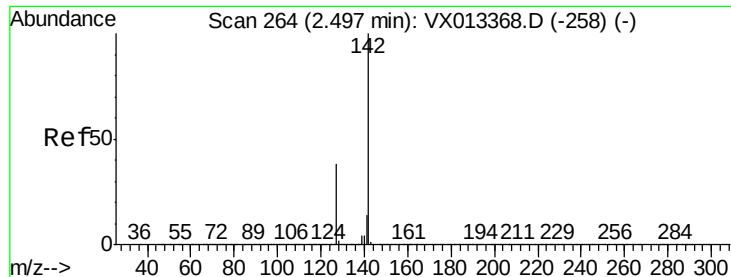
Delta R.T. 0.01 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	96	Resp:	140227
Ion Ratio	Lower	Upper	
96	100		
61	158.0	128.9	193.3
98	63.3	49.7	74.5





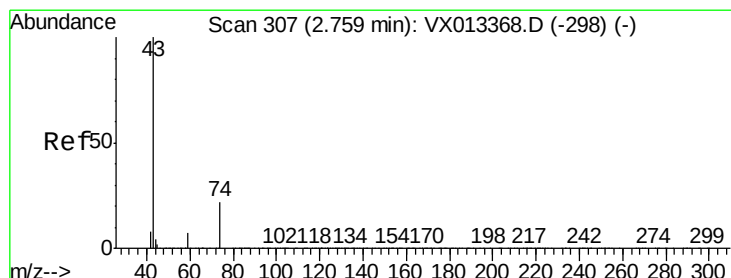
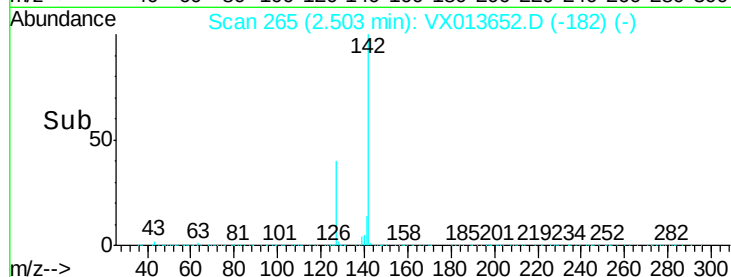
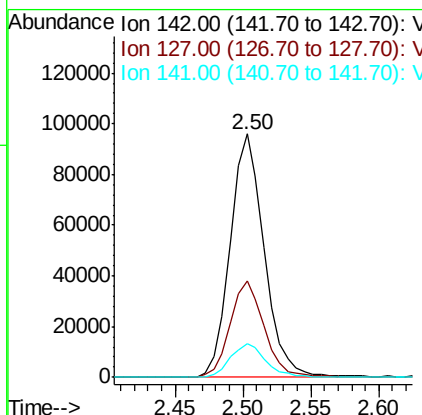
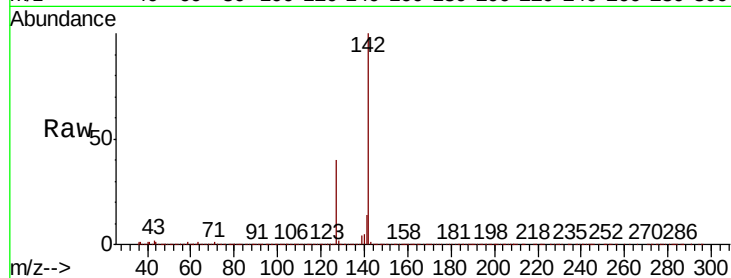
#11
Methyl Iodide
Concen: 19.217 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.6	19.1	57.5
141	13.8	7.0	21.0

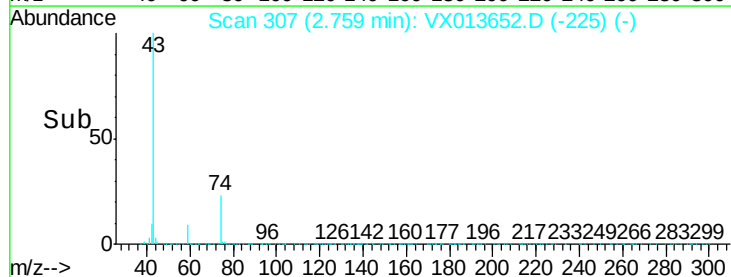
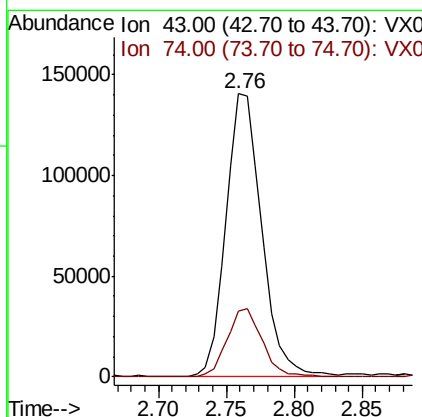
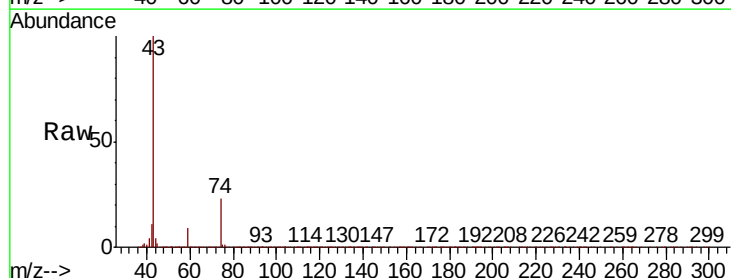
Manual Integrations
APPROVED

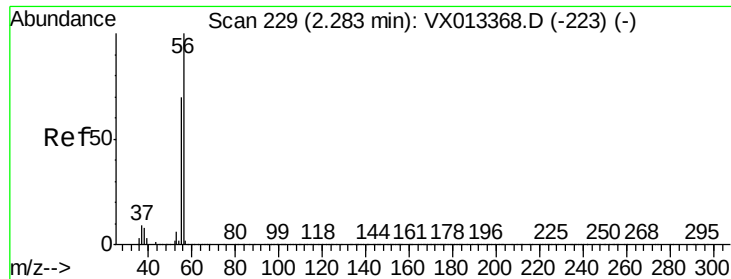
apatel
12/2/2019 3:17:24 PM



#12
Methyl Acetate
Concen: 20.880 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





#13

Acrolein

Concen: 83.658 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 108785

Ion Ratio Lower Upper

56 100

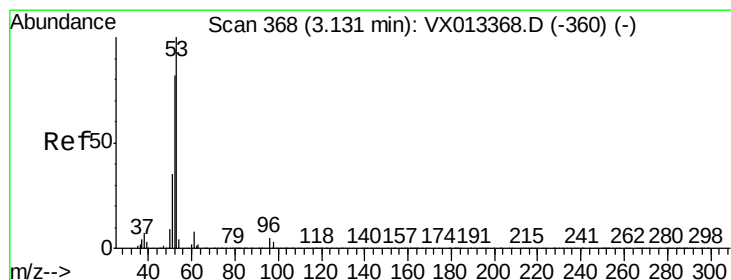
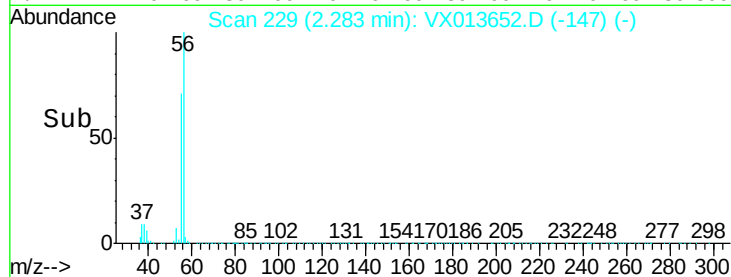
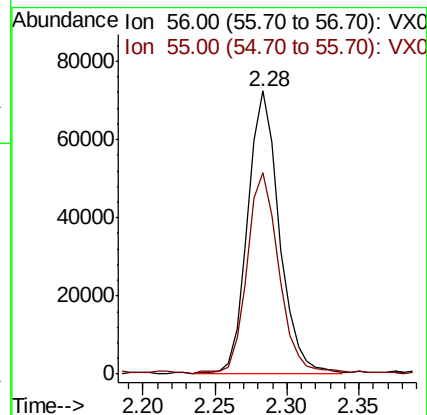
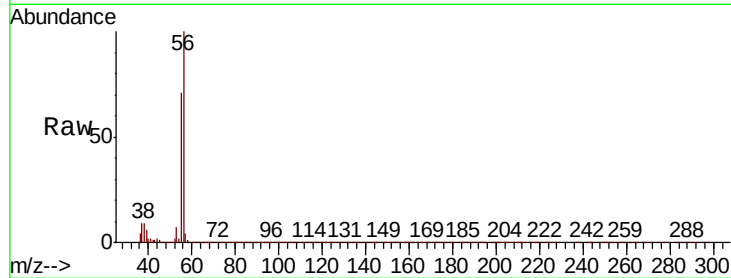
55 71.2 55.8 83.8

Manual Integrations

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apatel

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#14

Acrylonitrile

Concen: 101.055 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

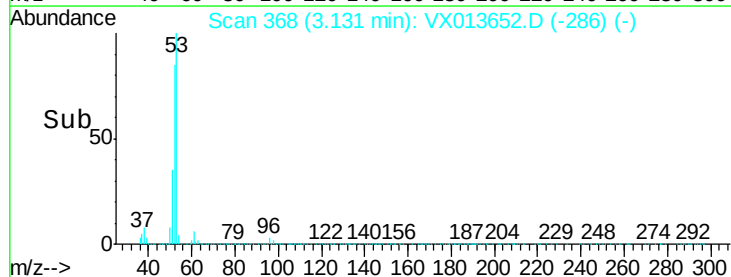
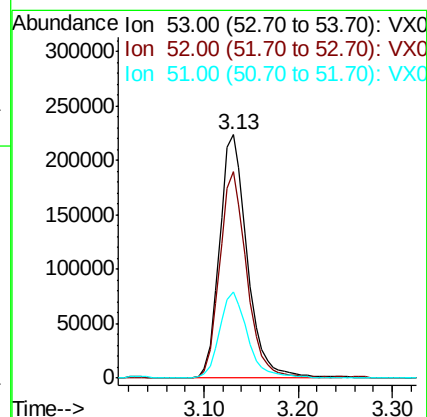
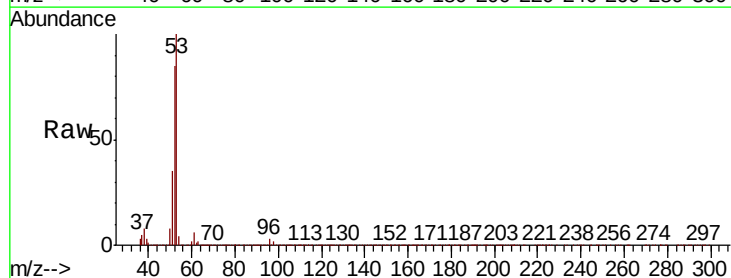
Tgt Ion: 53 Resp: 454912

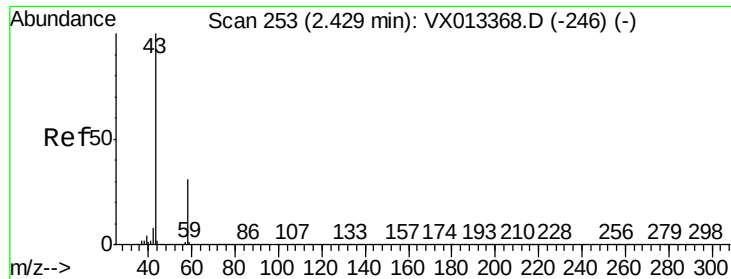
Ion Ratio Lower Upper

53 100

52 82.2 41.0 123.0

51 35.5 17.3 51.9





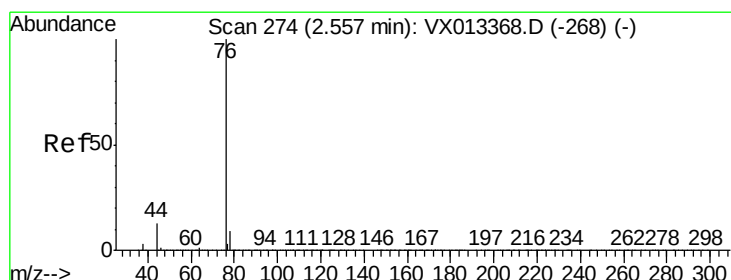
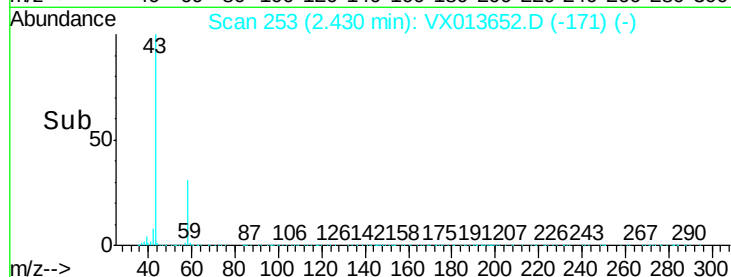
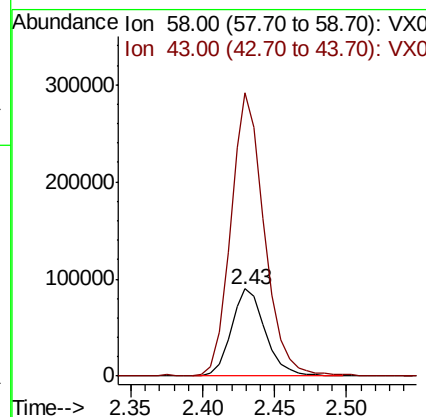
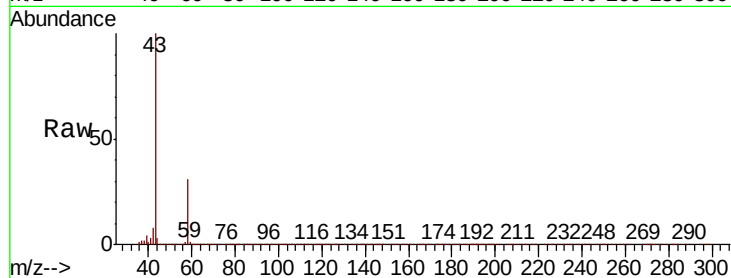
#15
Acetone
Concen: 107.148 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
58	100		
43	324.4	261.4	392.2

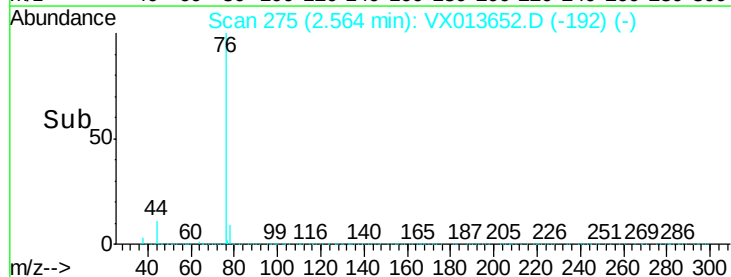
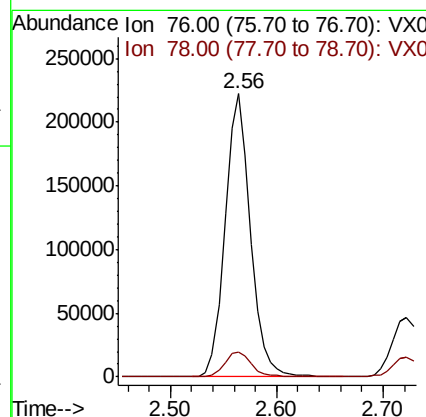
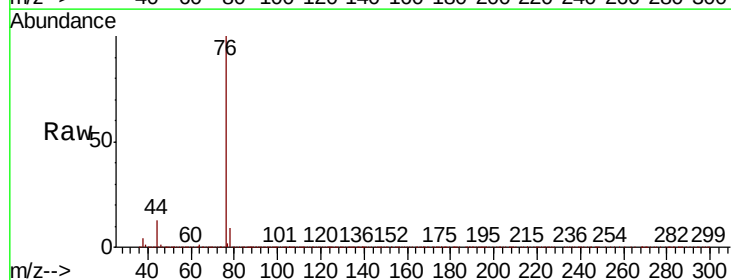
Manual Integrations
APPROVED

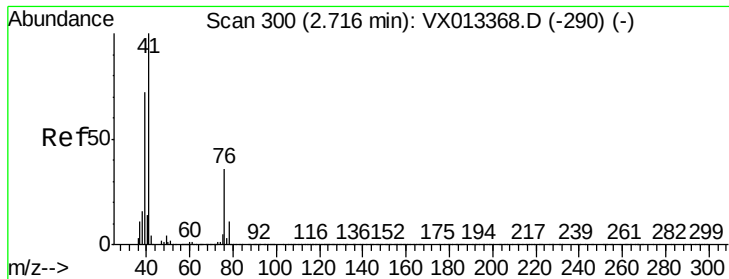
apatel
12/2/2019 3:17:24 PM



#16
Carbon Disulfide
Concen: 18.926 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0





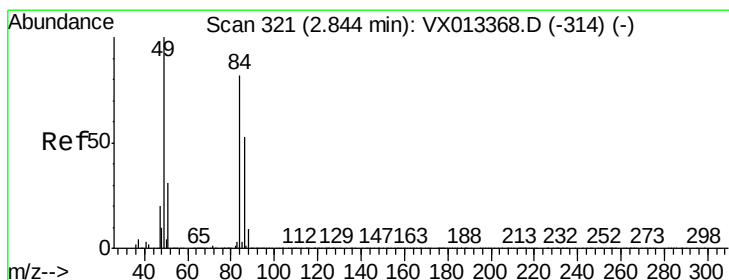
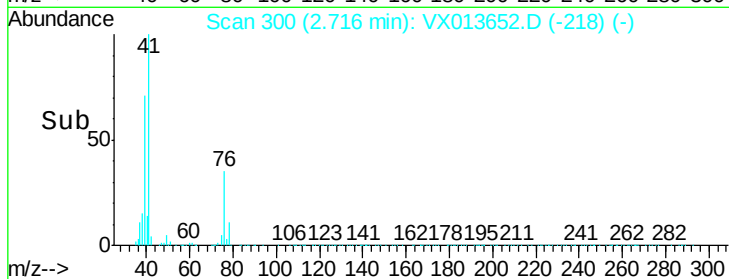
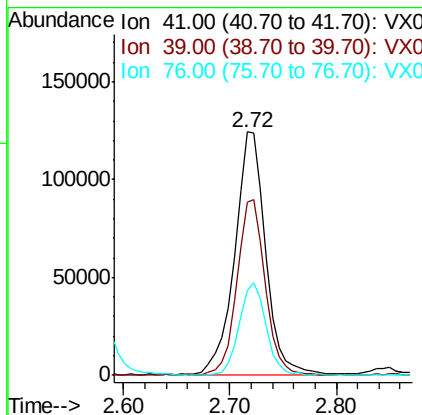
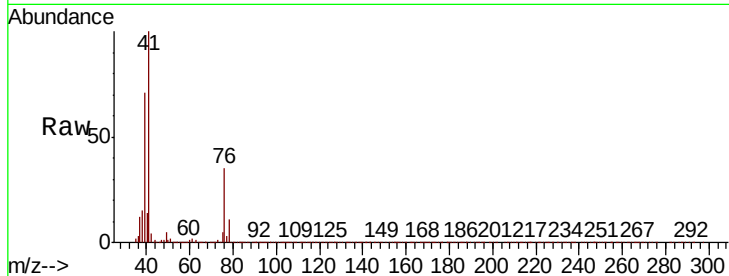
#17
Allvl chloride
Concen: 19.584 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100	251956		
39	71.1		36.1	108.3
76	34.7		18.1	54.4

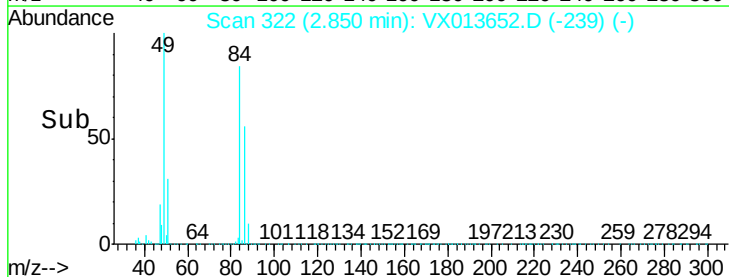
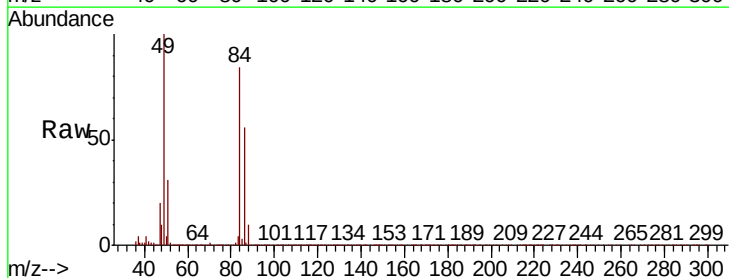
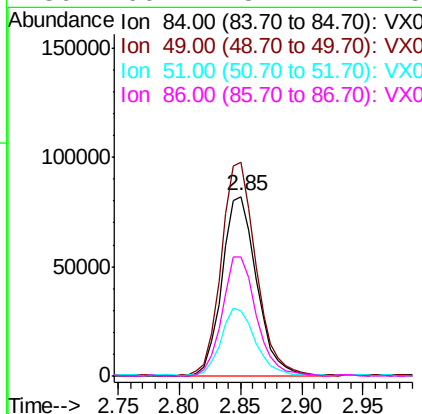
Manual Integrations
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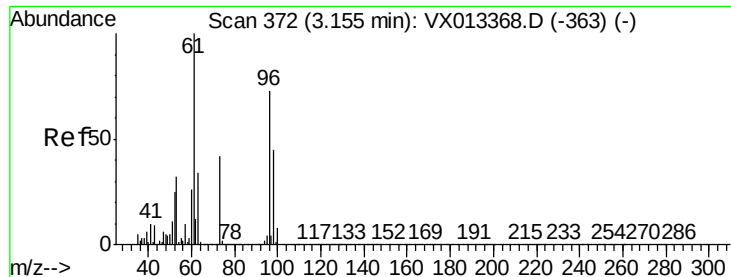
apatel
12/2/2019 3:17:24 PM



#18
Methylene Chloride
Concen: 20.373 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	161485		
49	118.9		96.8	145.2
51	36.3		30.0	45.0
86	66.4		51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 20.444 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

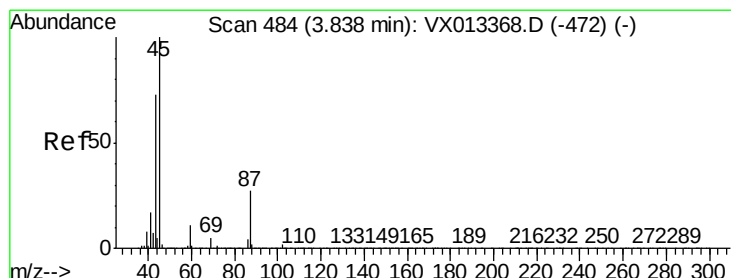
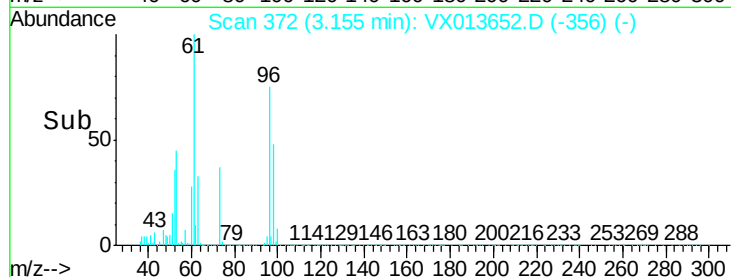
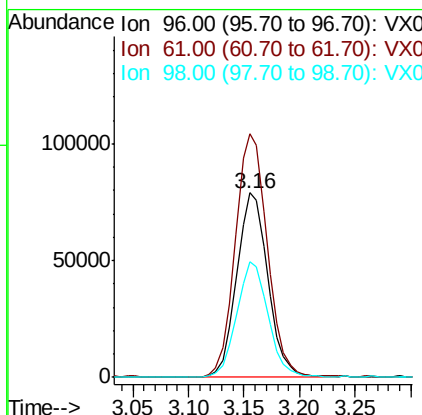
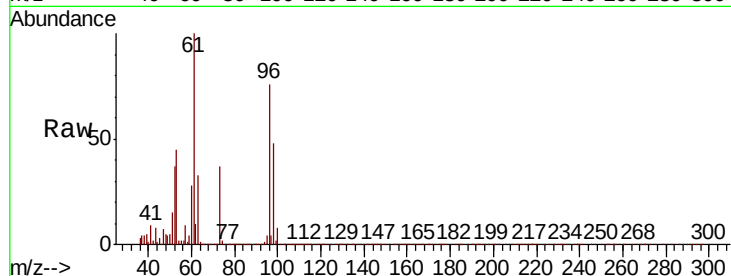
ClientSampled :

VSTDCCC020

Tot Ion:	96	Resp:	152645
Ion Ratio	Lower	Upper	
96	100		
61	132.1	109.9	164.9
98	62.7	49.7	74.5

Manual Integrations
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apatel
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#20

Diisopropyl ether

Concen: 20.707 ug/l

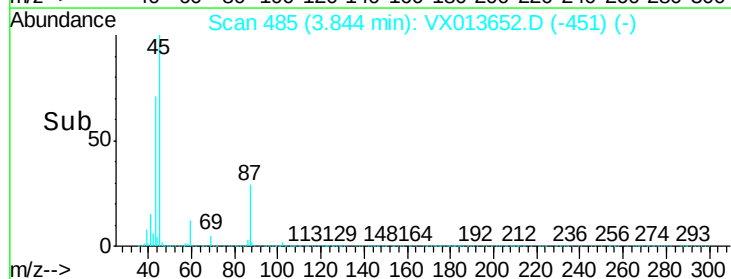
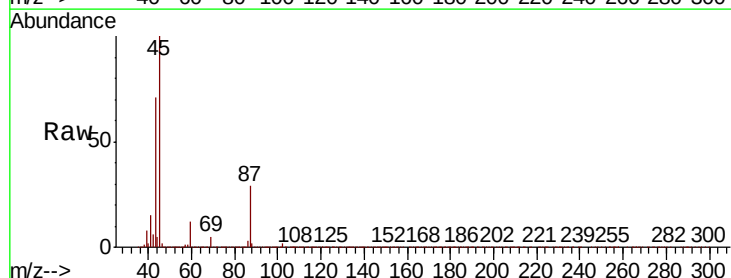
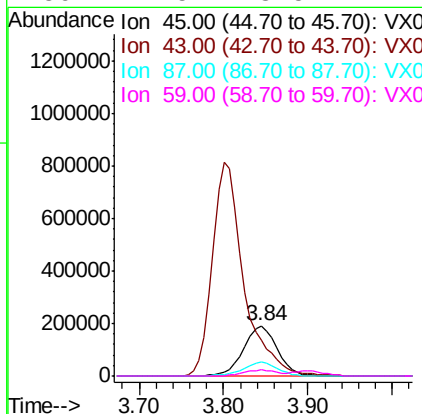
RT: 3.84 min Scan# 485

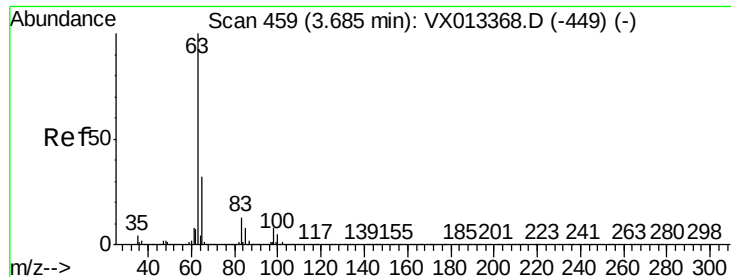
Delta R.T. 0.01 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	45	Resp:	512546
Ion Ratio	Lower	Upper	
45	100		
43	69.7	67.7	101.5
87	28.7	21.5	32.3
59	11.5	8.5	12.7





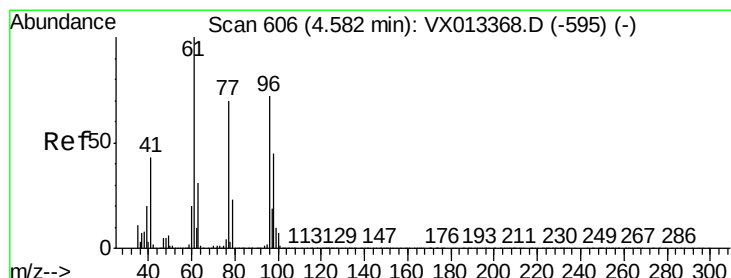
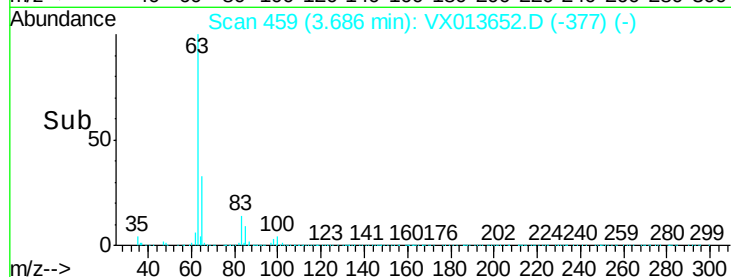
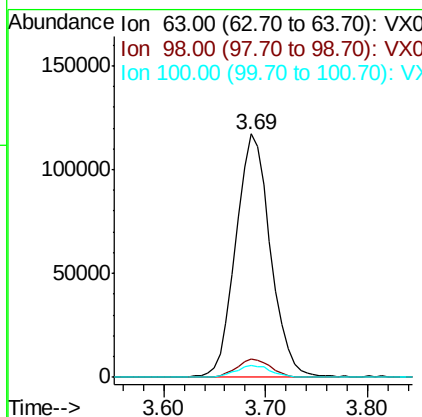
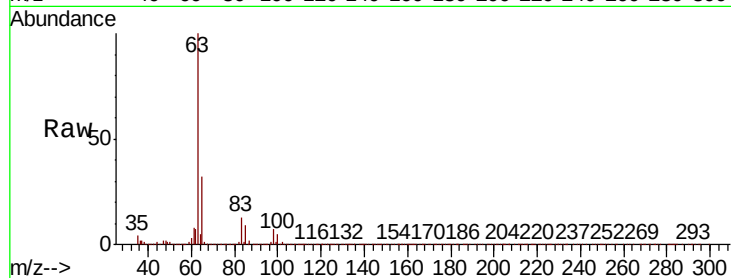
#21
 1,1-Dichloroethane
 Concen: 20.373 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	63	Resp:	274657
Ion Ratio	Lower	Upper	
63	100		
98	7.3	4.0	11.9
100	4.9	2.5	7.5

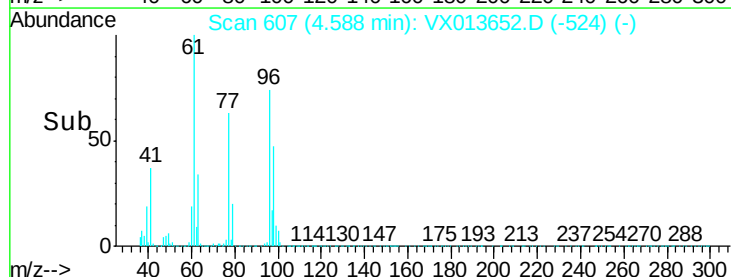
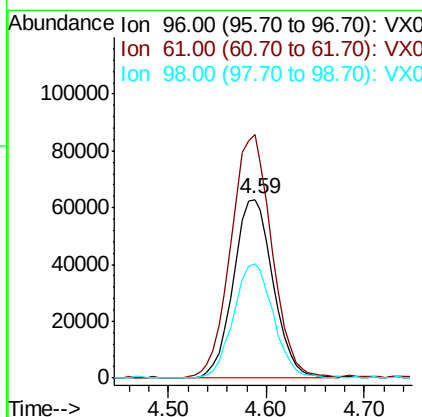
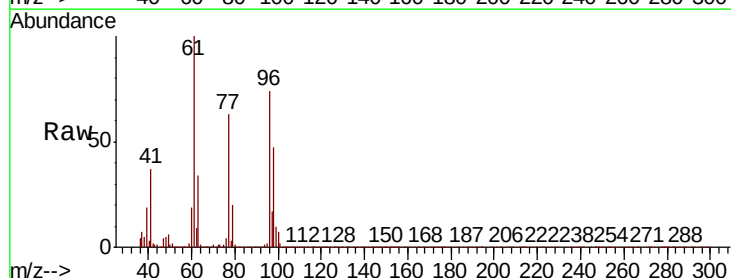
Manual Integrations
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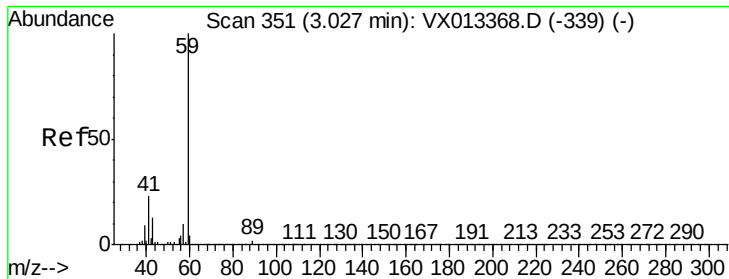
apatel
 12/2/2019 3:17:24 PM



#22
 cis-1,2-Dichloroethene
 Concen: 20.646 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion:	96	Resp:	175746
Ion Ratio	Lower	Upper	
96	100		
61	141.2	117.0	175.6
98	64.7	51.1	76.7





#23

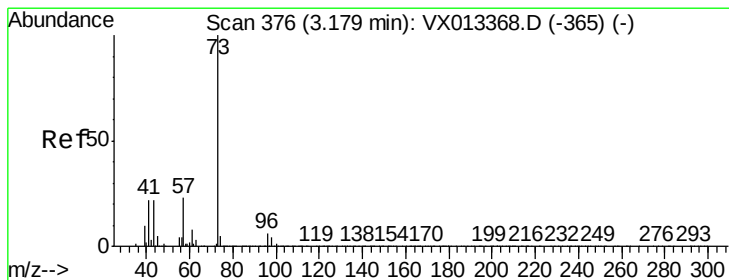
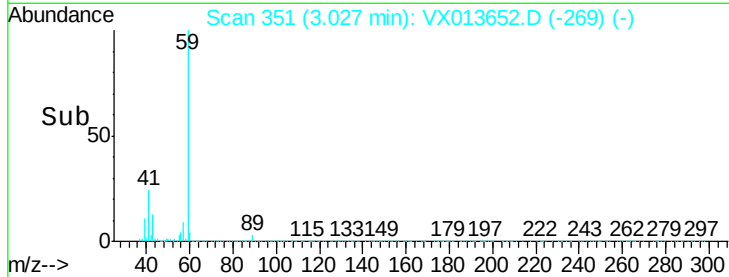
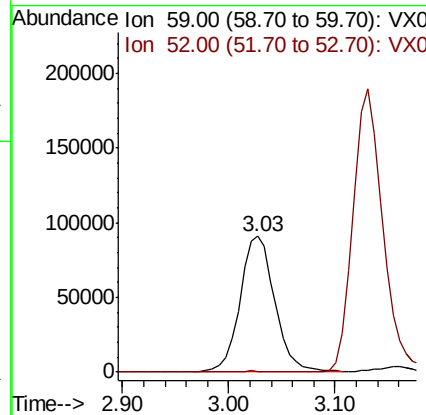
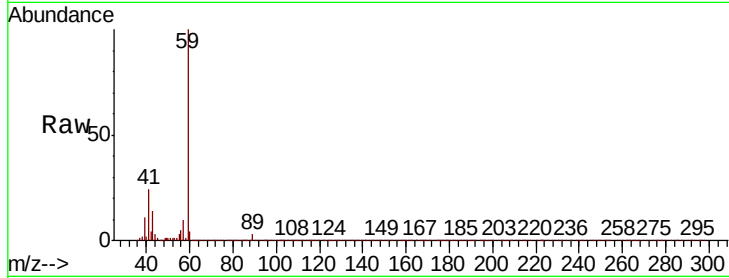
tert-Butyl Alcohol
Concen: 95.535 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

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

Manual Integrations
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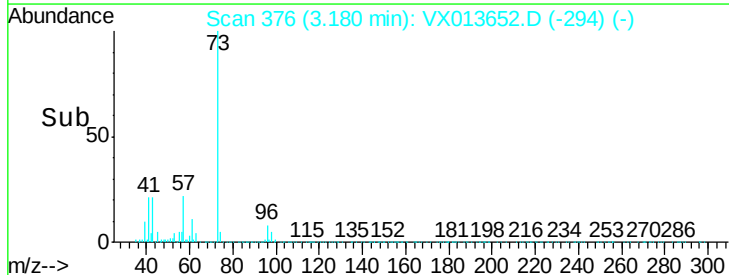
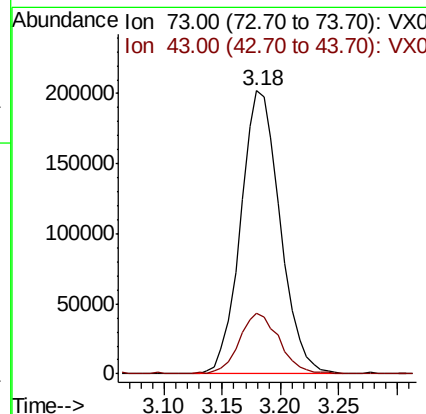
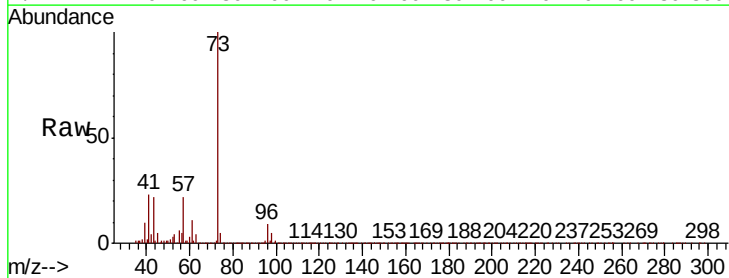
apatel
12/2/2019 3:17:24 PM

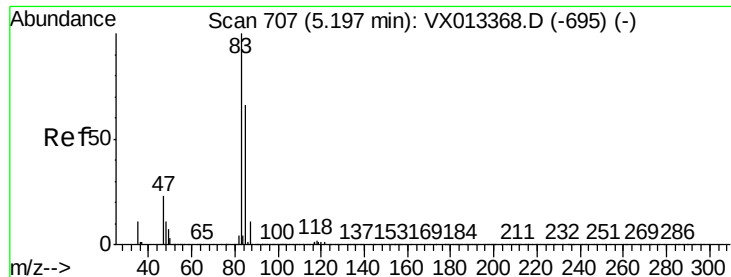


#24

Methyl tert-Butyl Ether
Concen: 20.481 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.0	25.6





#25

Chloroform

Concen: 20.818 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 274722

Ion Ratio Lower Upper

83 100

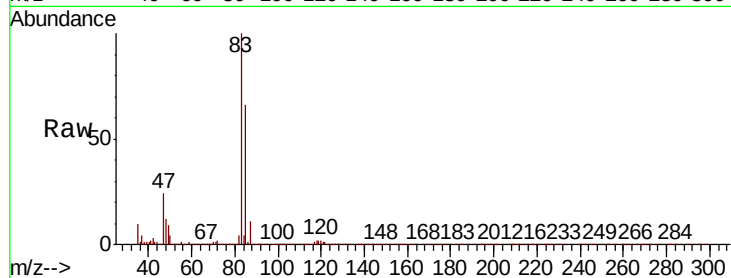
85 65.6 52.4 78.6

Manual Integrations

APPROVED

apatel

12/2/2019 3:17:24 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

100000

80000

60000

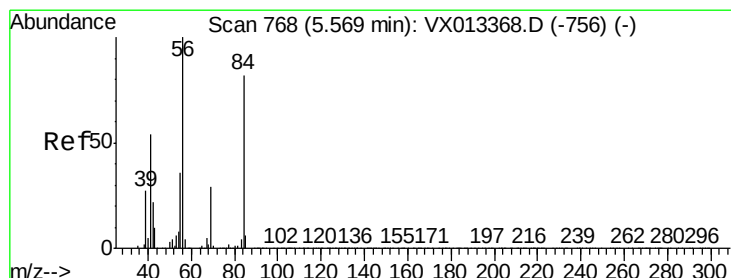
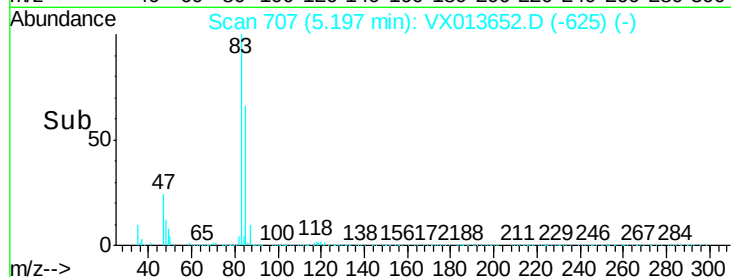
40000

20000

0

5.10 5.20 5.30

Time-->



#26

Cyclohexane

Concen: 20.228 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

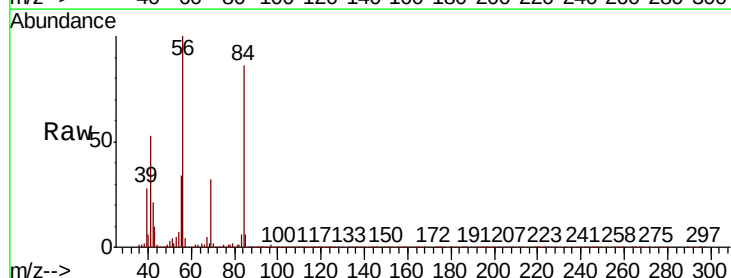
Tgt Ion: 56 Resp: 247645

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 88.2 70.5 105.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

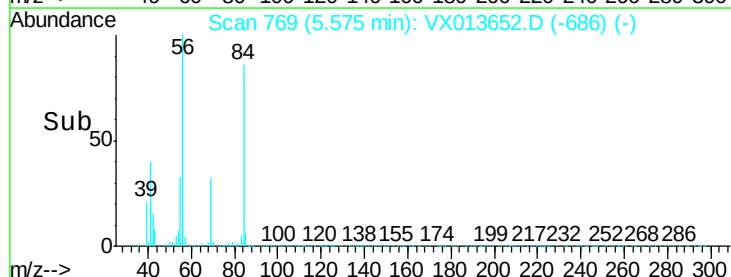
100000

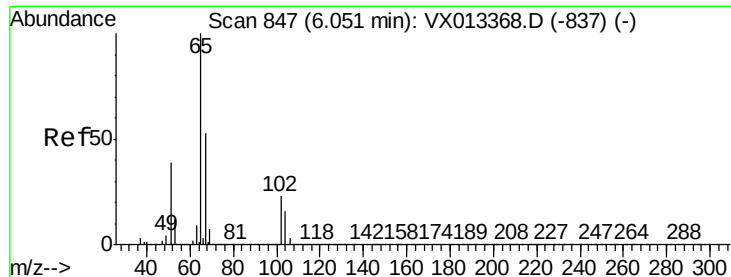
50000

0

5.50 5.58 5.60

Time-->





#27

1,2-Dichloroethane-d4

Concen: 29.234 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 65 Resp: 244186

Ion Ratio Lower Upper

65 100

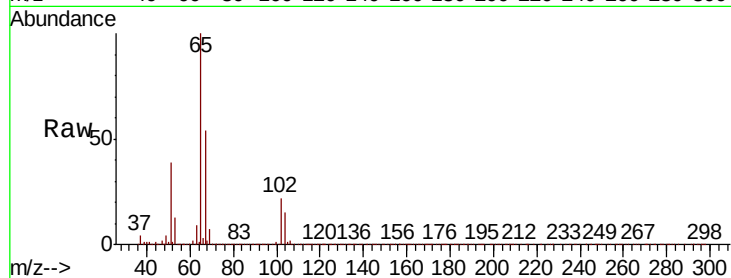
67 53.4 41.0 61.6

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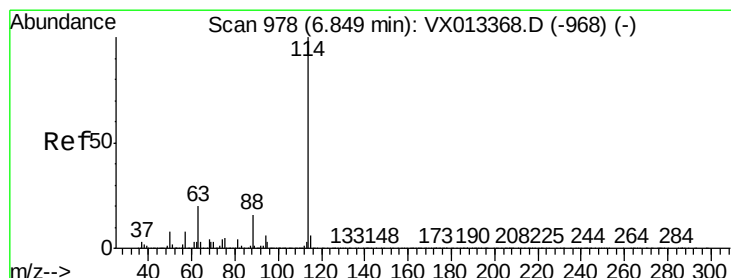
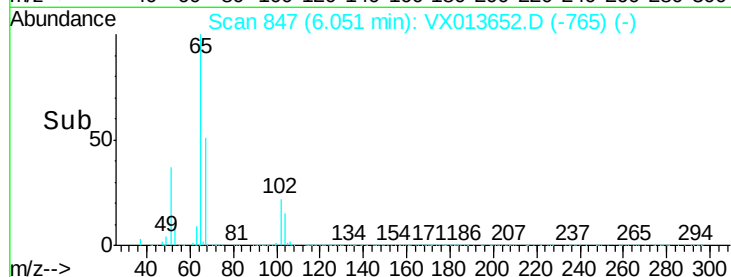
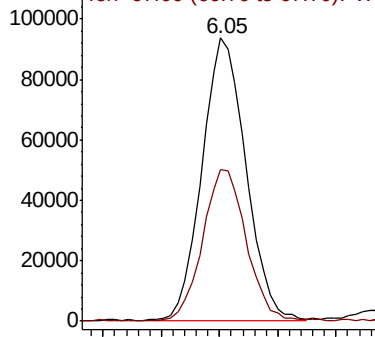
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

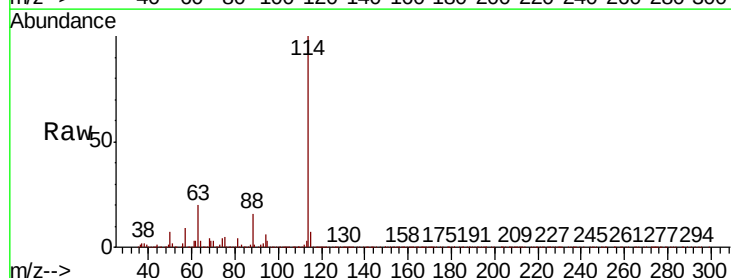
Tgt Ion: 114 Resp: 649136

Ion Ratio Lower Upper

114 100

63 19.8 16.1 24.1

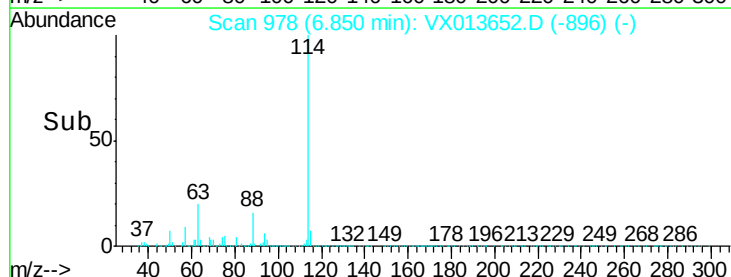
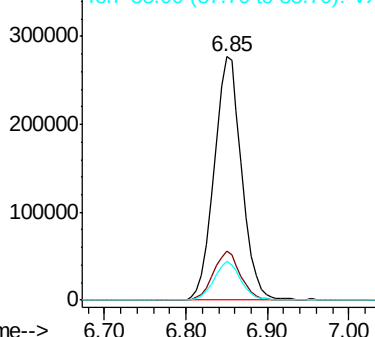
88 15.5 12.3 18.5

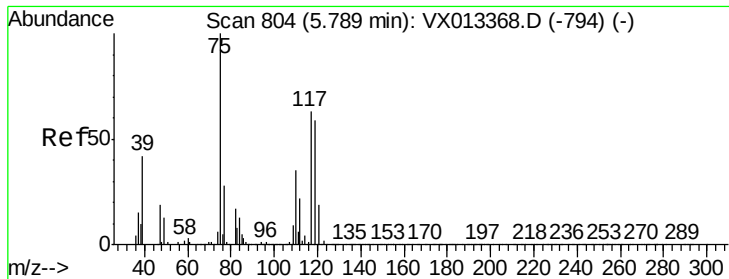


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





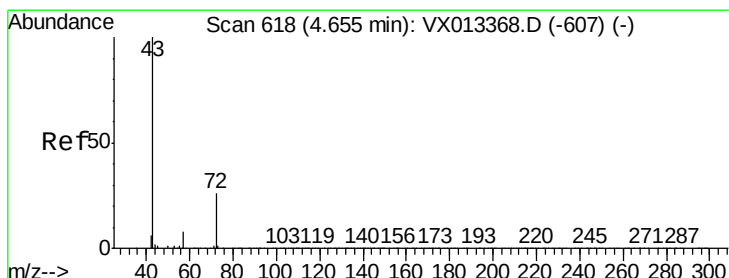
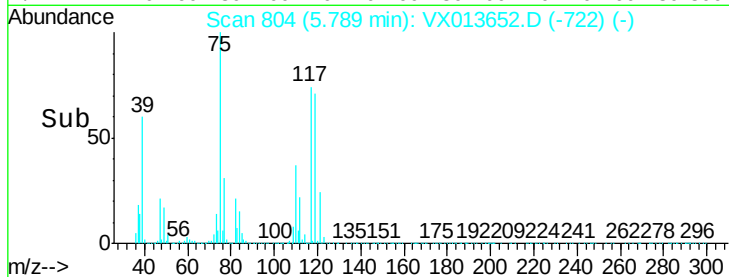
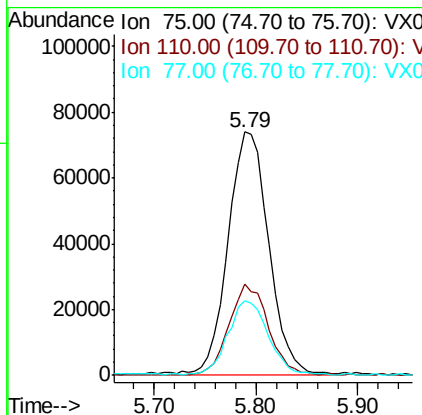
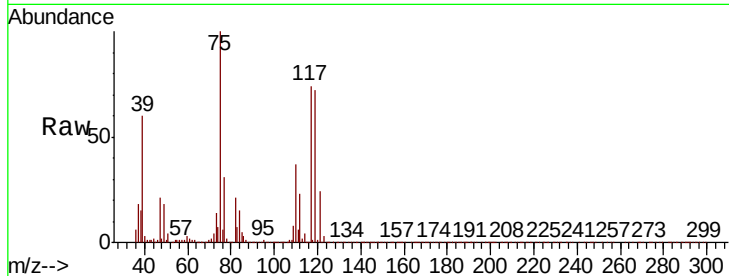
#29
 1,1-Dichloropropene
 Concen: 20.505 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	203304
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	74.6
77	30.2	0.0	62.6

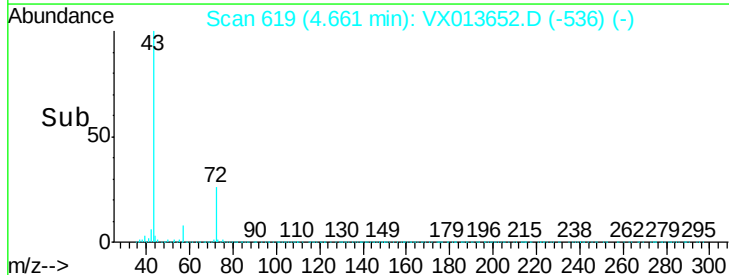
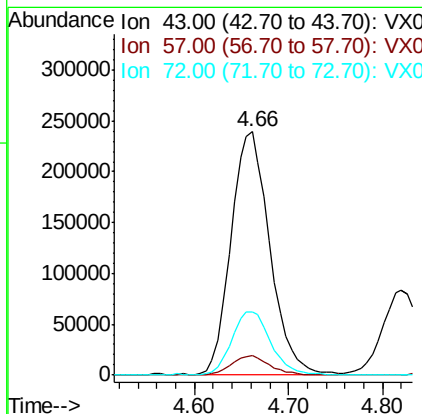
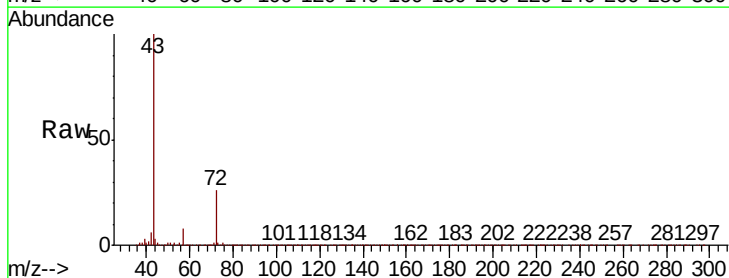
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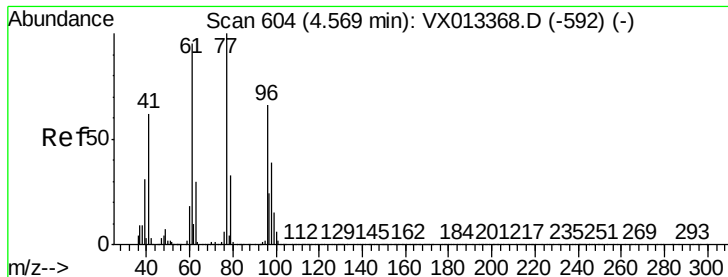
apatel
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#30
 2-Butanone
 Concen: 104.037 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion:	43	Resp:	680854
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.1	9.1
72	26.3	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.800 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 212602

Ion Ratio Lower Upper

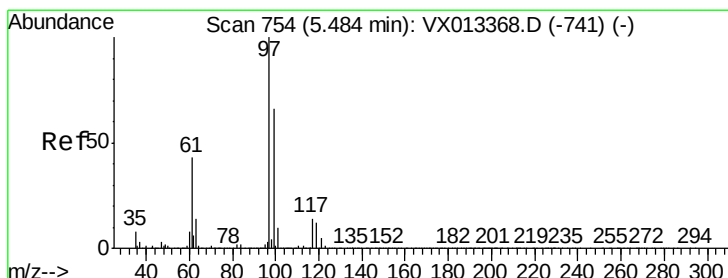
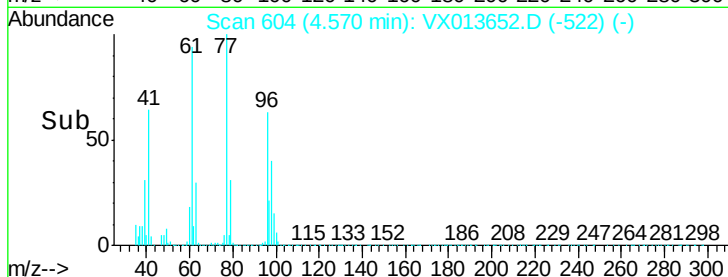
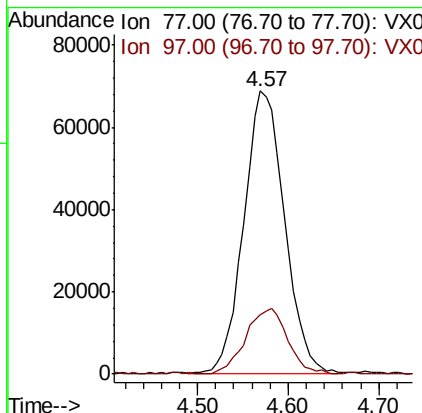
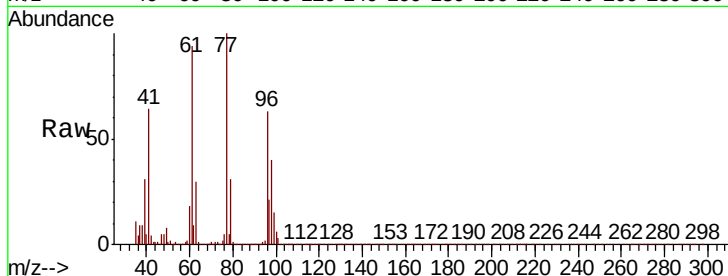
77 100

97 24.1 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 20.795 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

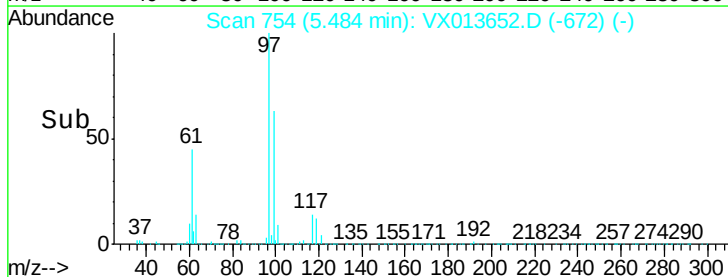
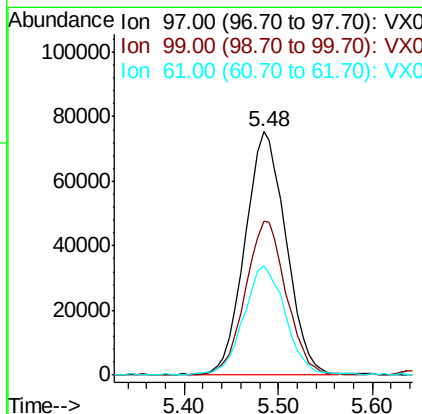
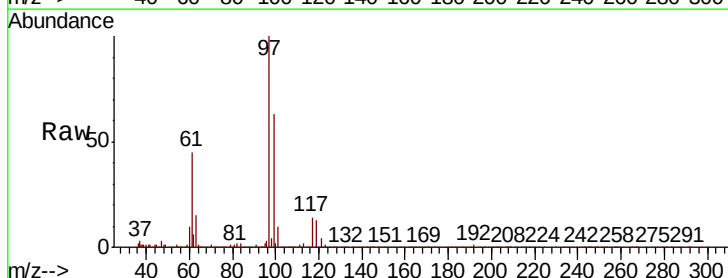
Tgt Ion: 97 Resp: 229169

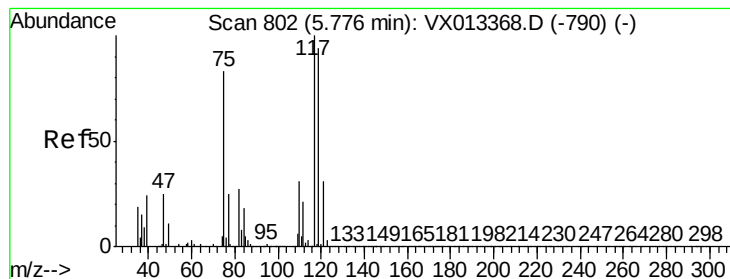
Ion Ratio Lower Upper

97 100

99 62.5 52.5 78.7

61 45.3 36.1 54.1





#33

Carbon Tetrachloride

Concen: 20.152 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

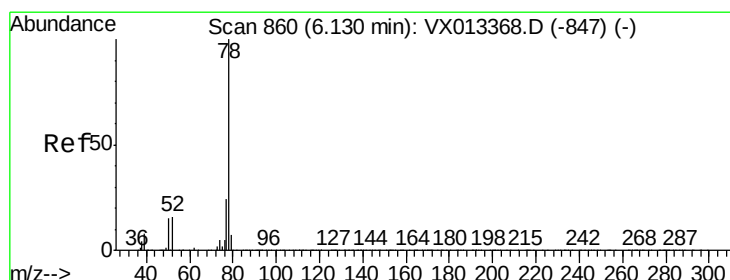
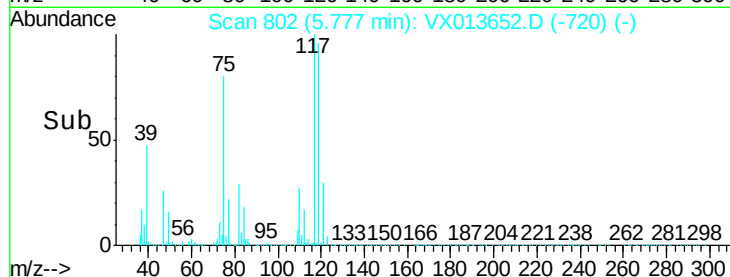
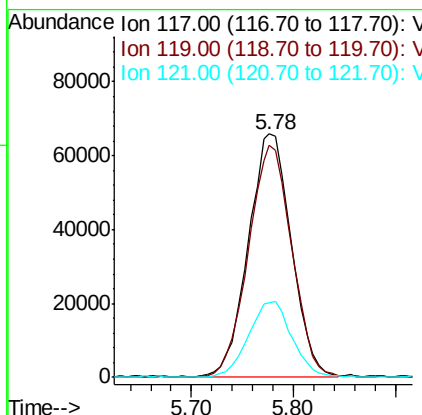
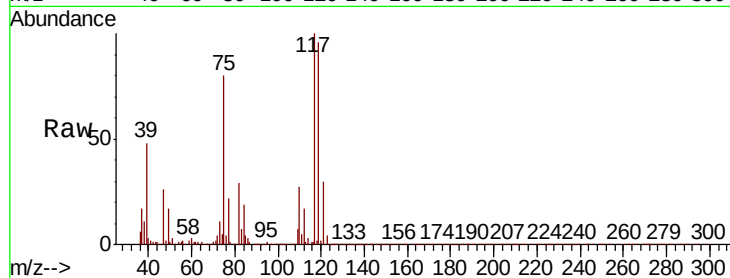
ClientSampled :

VSTDCCC020

Tot Ion:	117	Resp:	192895
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.0	112.6
121	30.3	24.9	37.3

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#34

Benzene

Concen: 20.972 ug/l

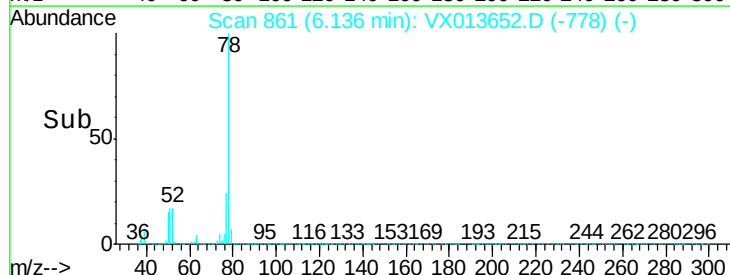
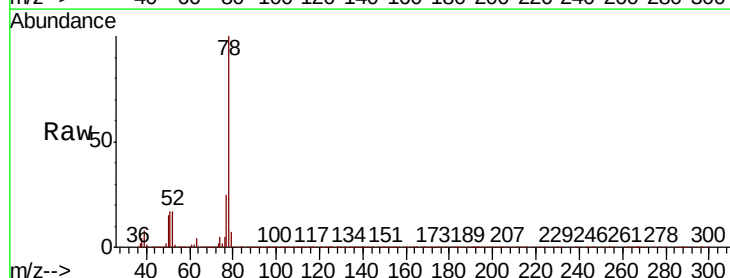
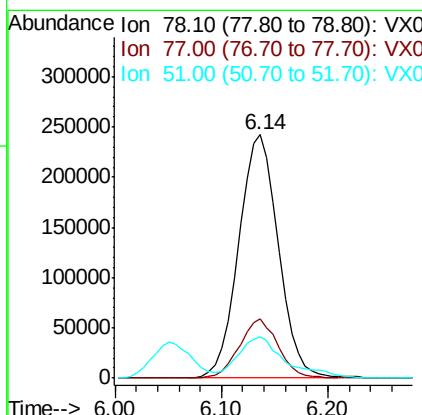
RT: 6.14 min Scan# 861

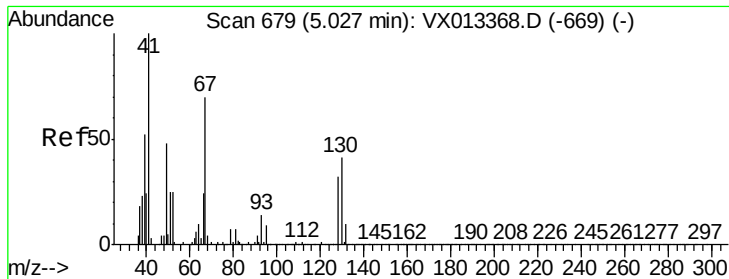
Delta R.T. 0.01 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	78	Resp:	630709
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.3	28.9
51	15.5	12.2	18.4





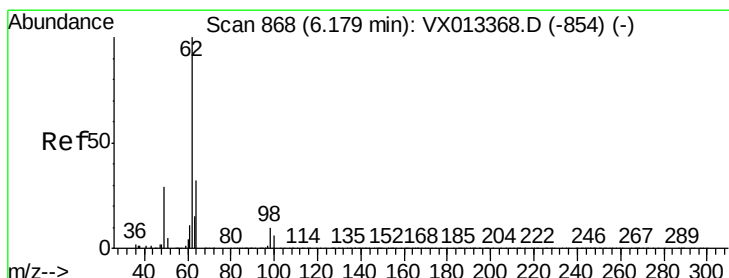
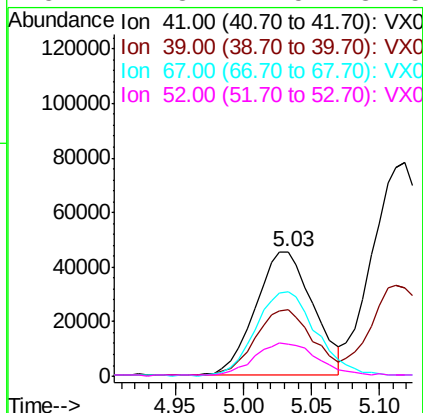
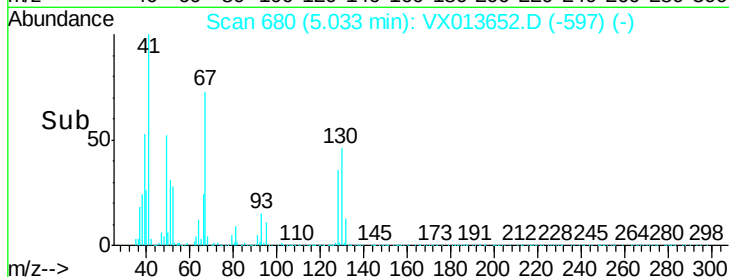
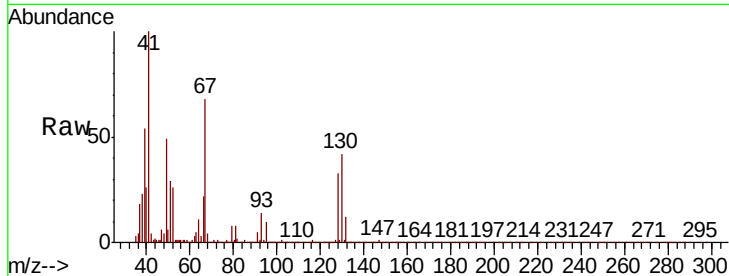
#35
Methacrylonitrile
Concen: 20.487 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	25.9	77.8	
67	67.9	35.1	105.5	
52	24.8	12.5	37.5	

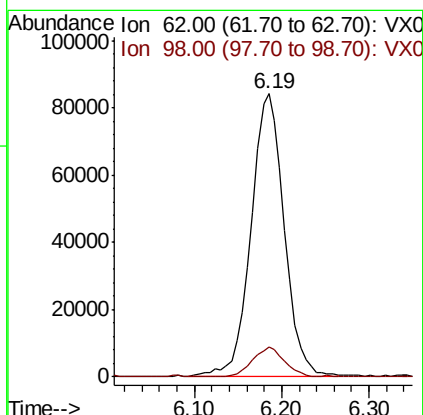
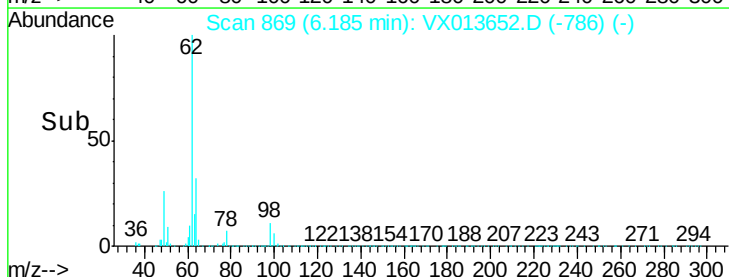
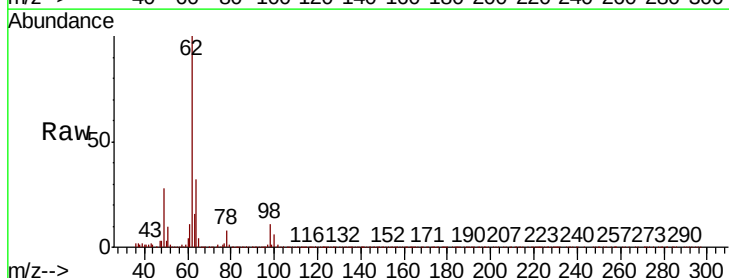
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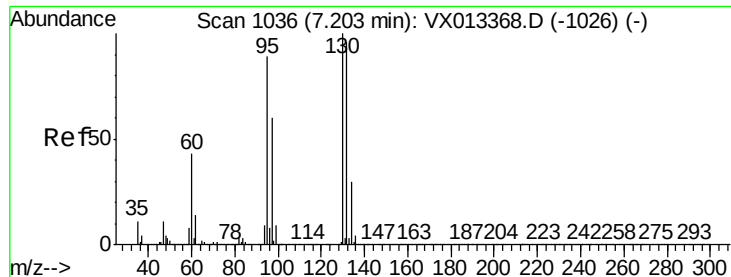
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#36
1,2-Dichloroethane
Concen: 21.001 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	8.2	12.2	





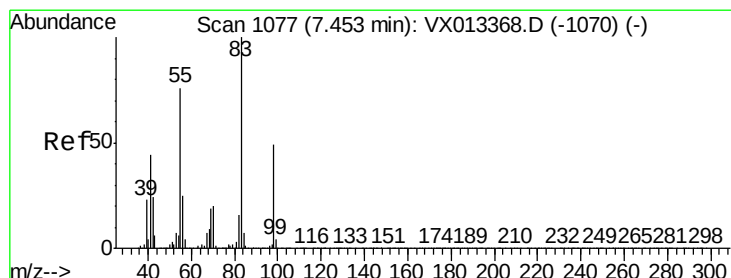
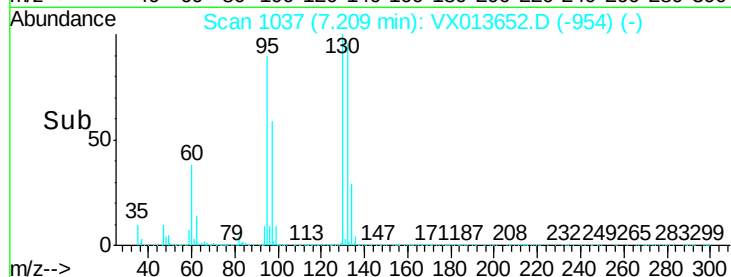
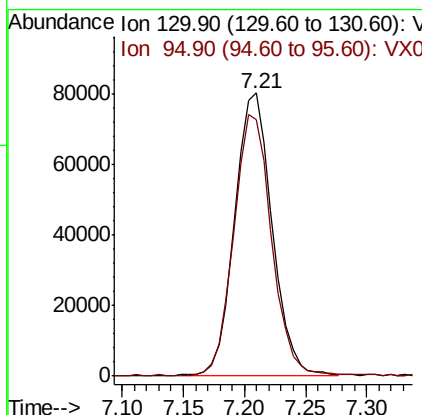
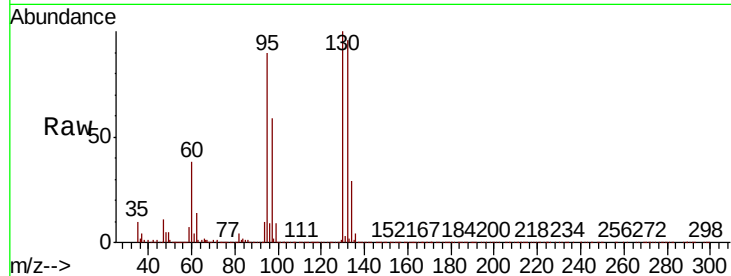
#37
 Trichloroethene
 Concen: 21.148 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
130	100	170381		
95	90.6	71.3	106.9	

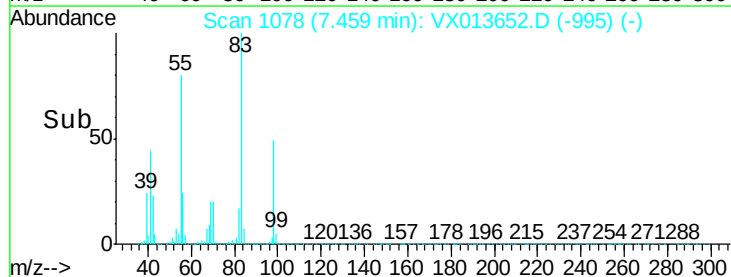
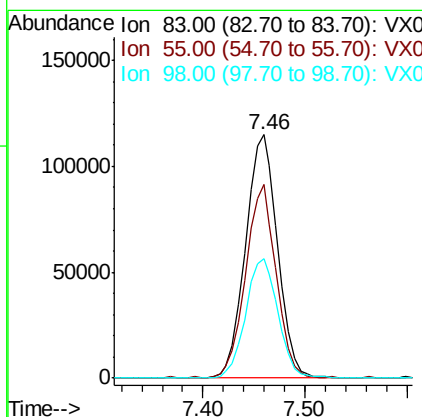
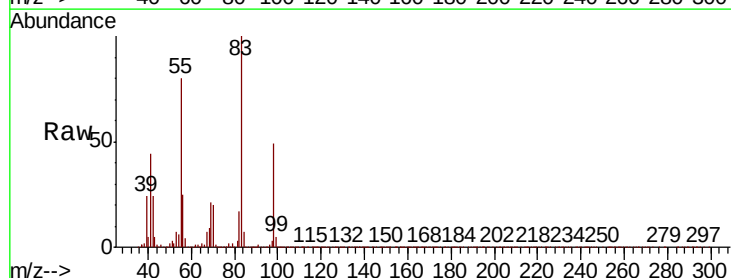
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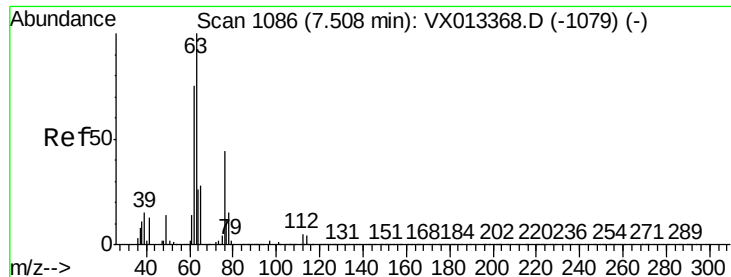
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#38
 Methylcyclohexane
 Concen: 20.671 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	251299		
55	75.5	37.9	113.7	
98	49.2	25.1	75.3	





#39

1,2-Dichloropropane

Concen: 20.325 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 158051

Ion Ratio Lower Upper

63 100

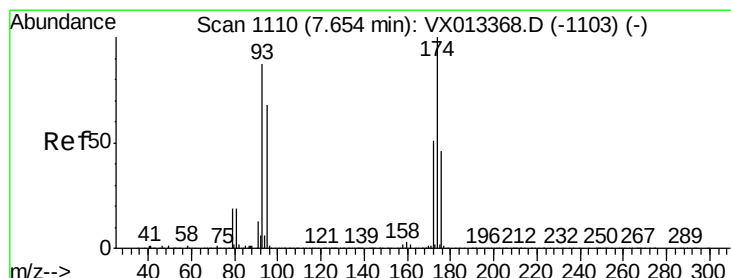
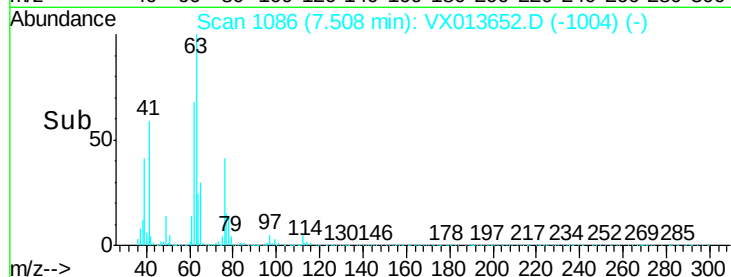
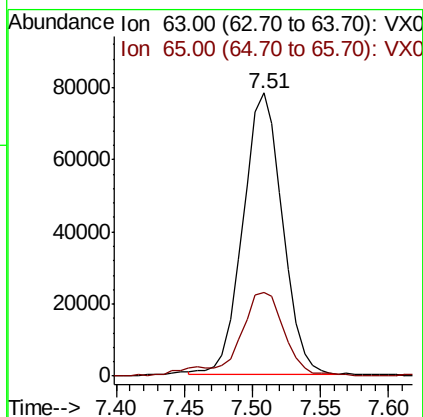
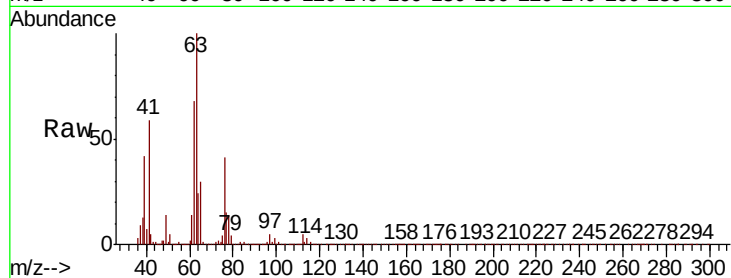
65 29.3 23.8 35.8

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#40

Dibromomethane

Concen: 20.495 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

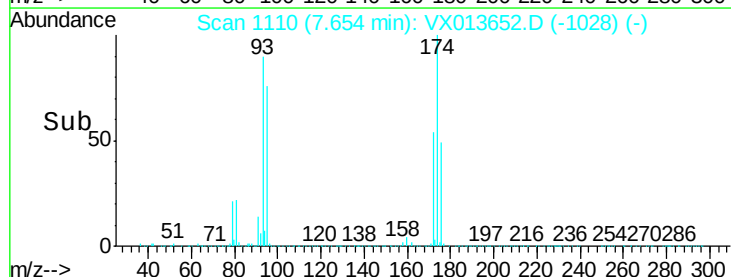
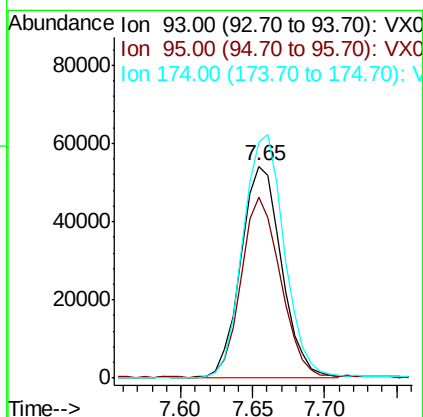
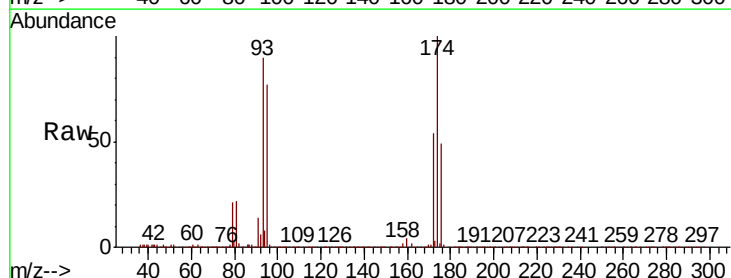
Tgt Ion: 93 Resp: 106063

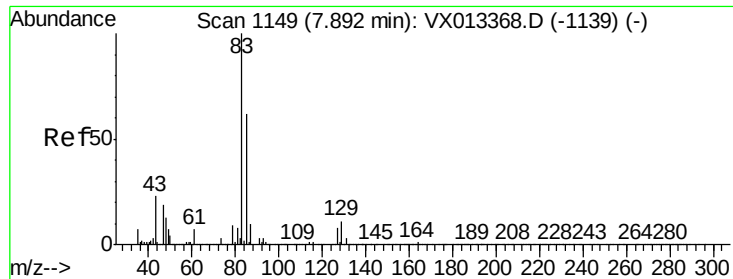
Ion Ratio Lower Upper

93 100

95 82.2 0.0 160.8

174 116.1 0.0 228.8





#41

Bromodichloromethane

Concen: 20.211 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

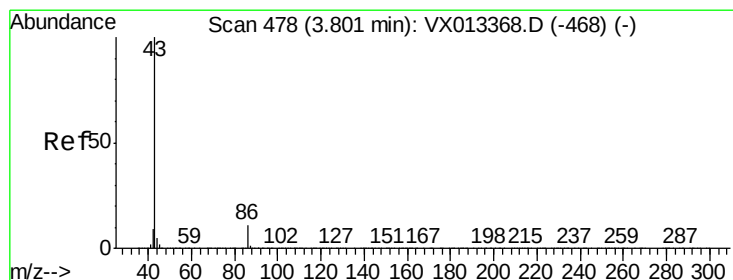
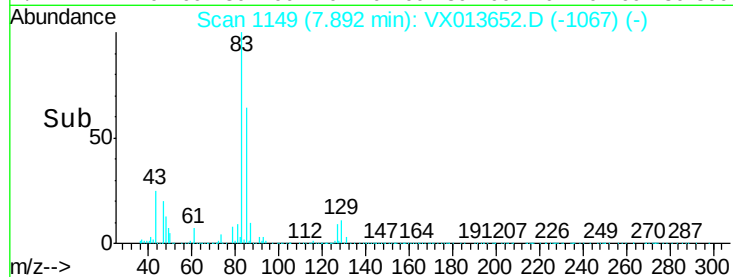
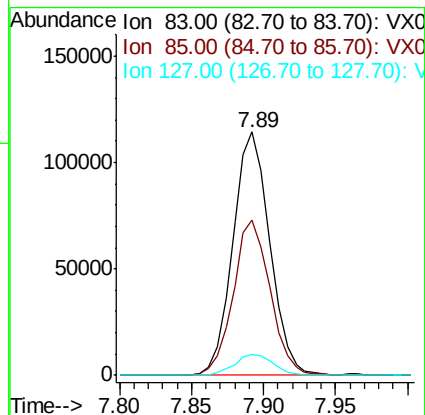
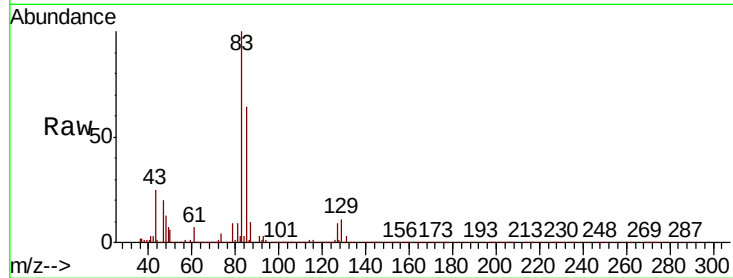
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	204176
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.3	73.9
127	8.6	6.6	10.0

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#42

Vinyl Acetate

Concen: 102.122 ug/l

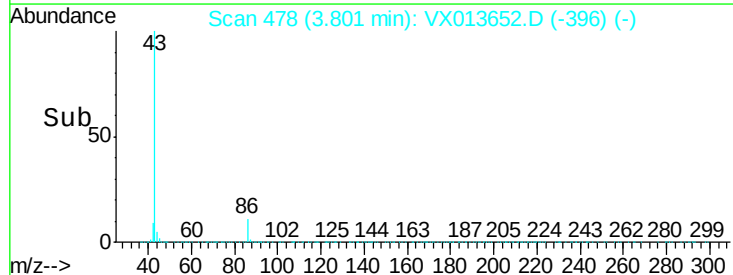
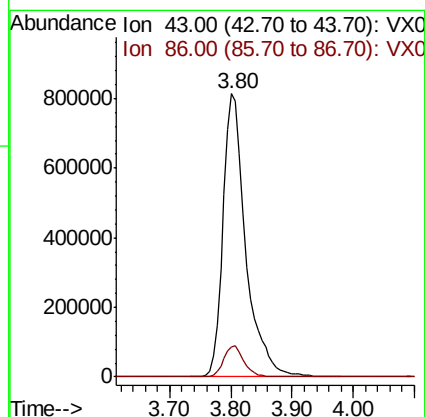
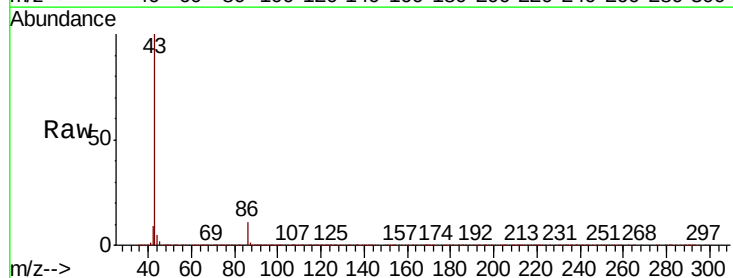
RT: 3.80 min Scan# 478

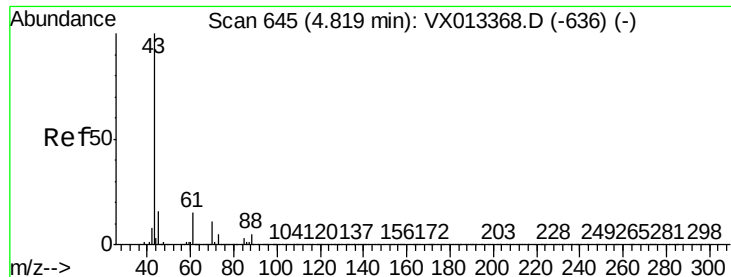
Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	43	Resp:	2104125
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.6	11.4





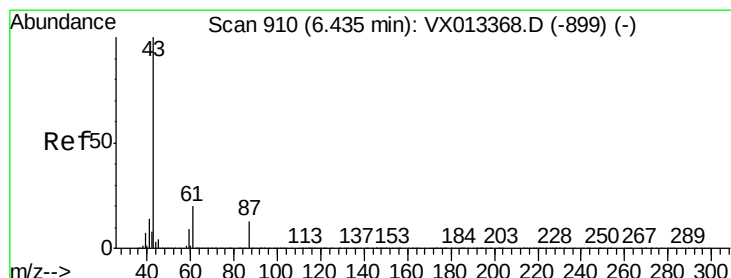
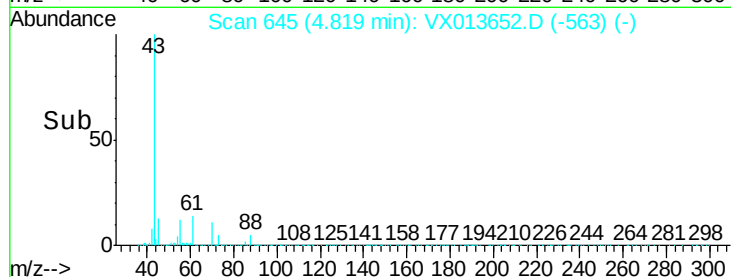
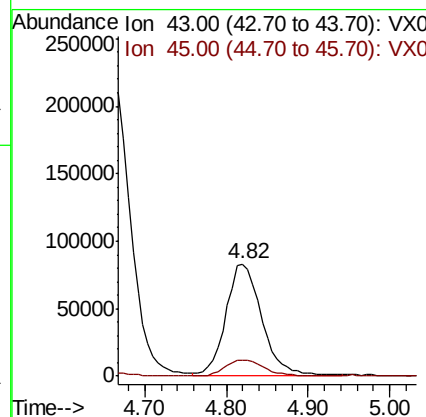
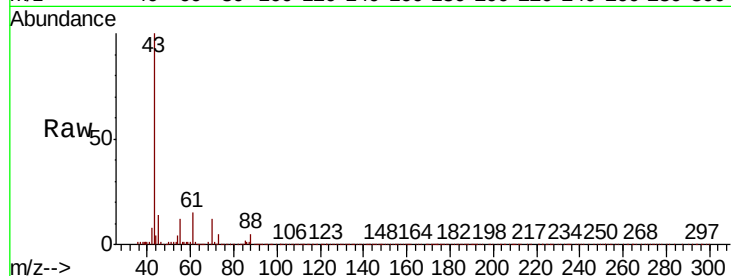
#43
Ethyl Acetate
Concen: 21.060 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.9	10.9	16.3

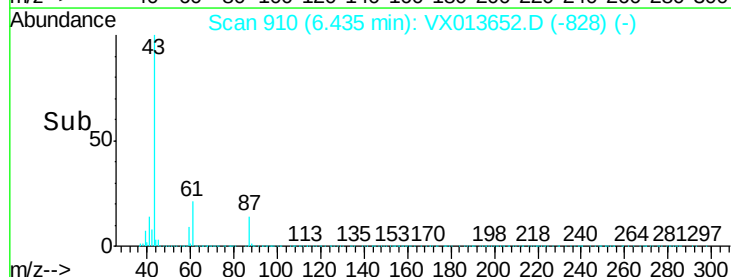
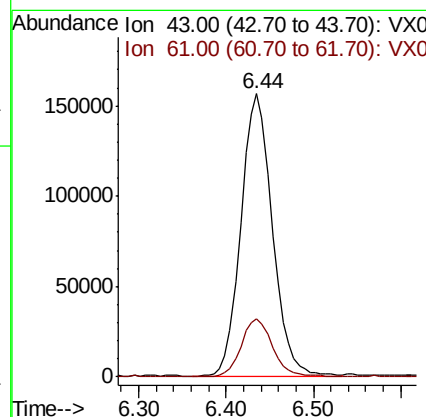
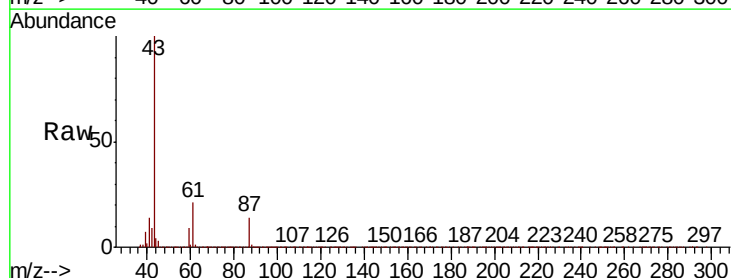
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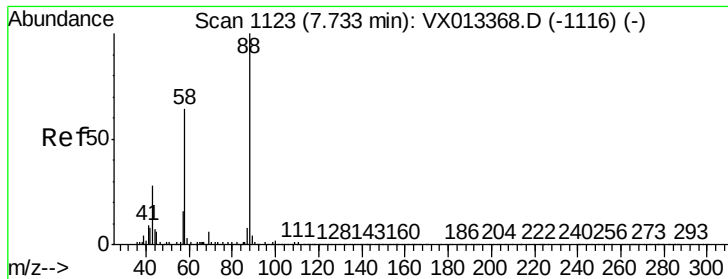
apatel
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#44
Isopropyl Acetate
Concen: 20.392 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8





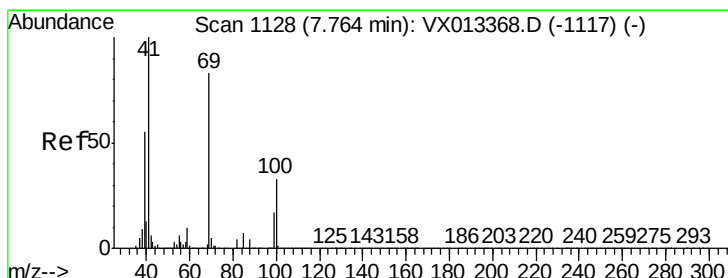
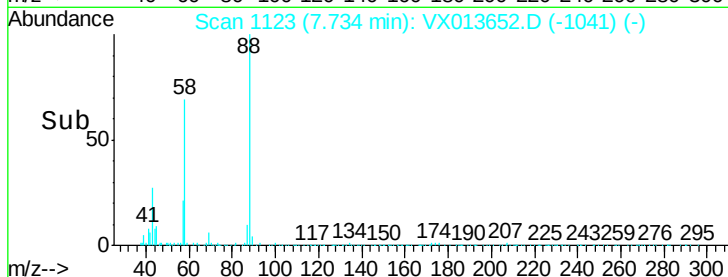
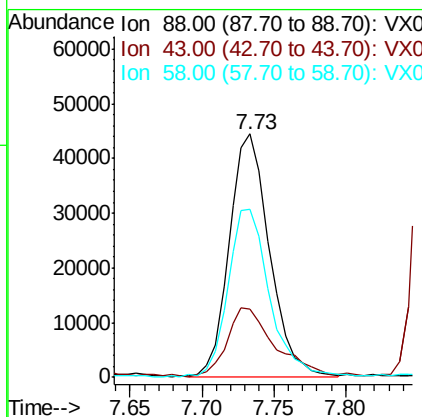
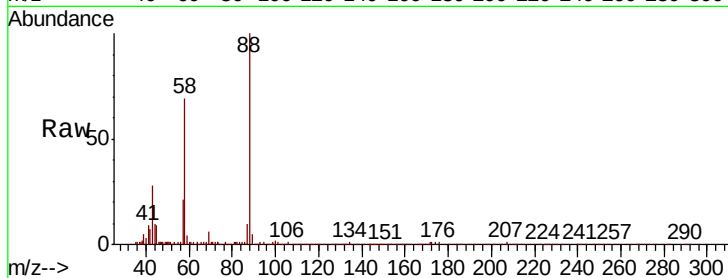
#45
1,4-Dioxane
Concen: 409.115 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	88	Resp:	86662
Ion Ratio	Lower	Upper	
88	100		
43	34.4	26.1	39.1
58	72.5	55.8	83.8

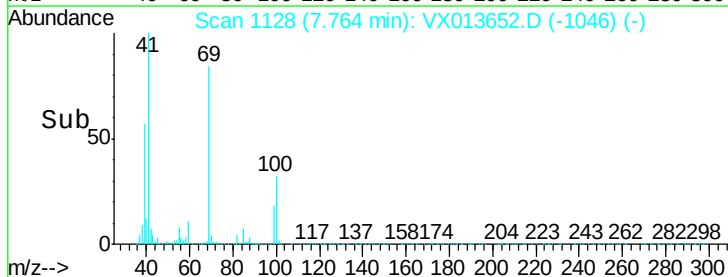
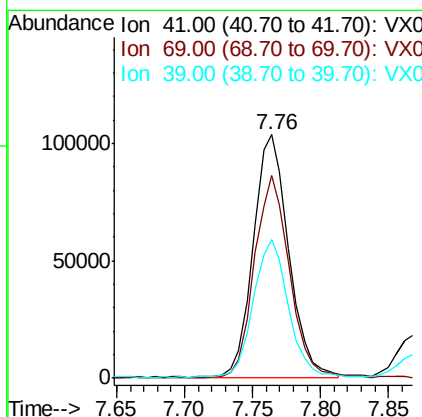
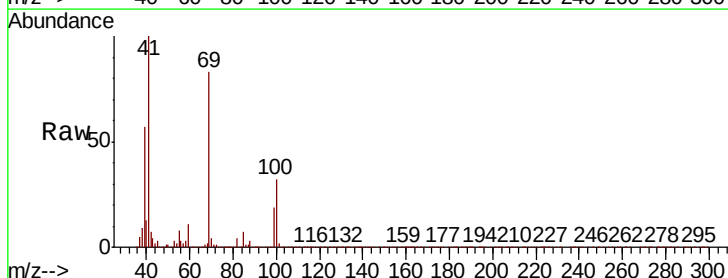
Manual Integrations
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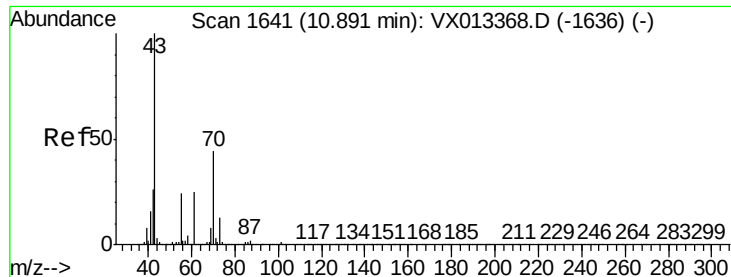
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#46
Methyl methacrylate
Concen: 19.794 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion:	41	Resp:	188911
Ion Ratio	Lower	Upper	
41	100		
69	83.6	41.4	124.4
39	56.8	27.9	83.6





#47

n-amvl Acetate

Concen: 19.655 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 330787

Ion Ratio Lower Upper

43 100

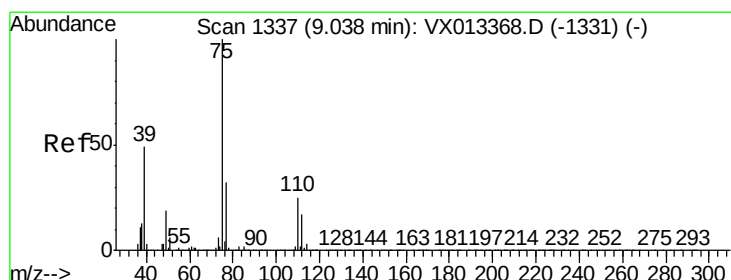
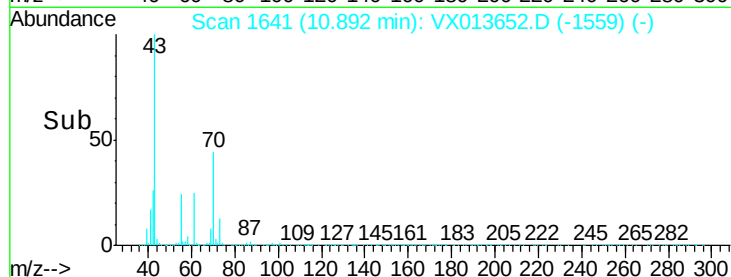
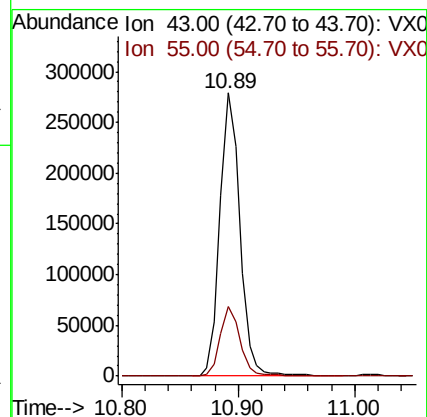
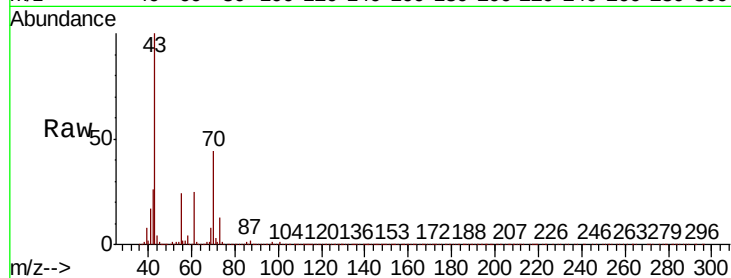
55 23.8 19.0 28.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.517 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013652.D

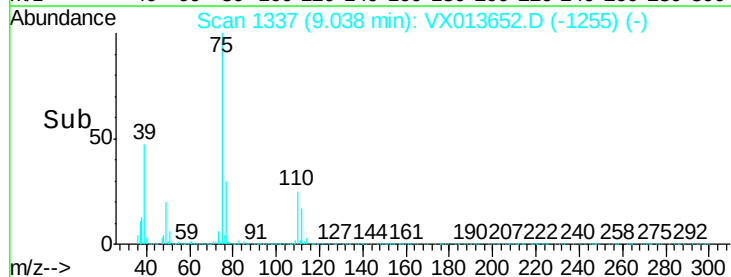
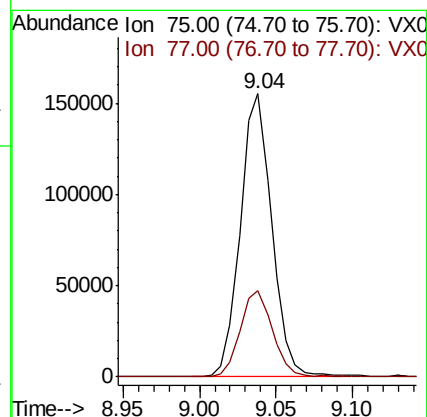
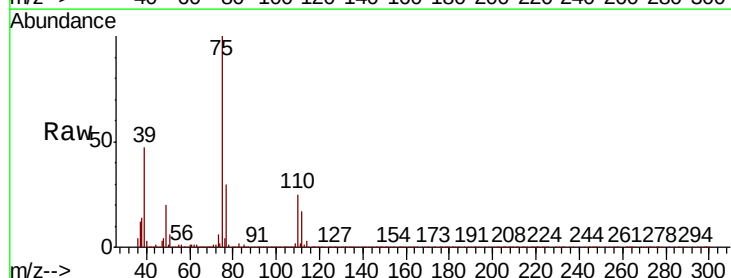
Acq: 27 Nov 2019 15:00

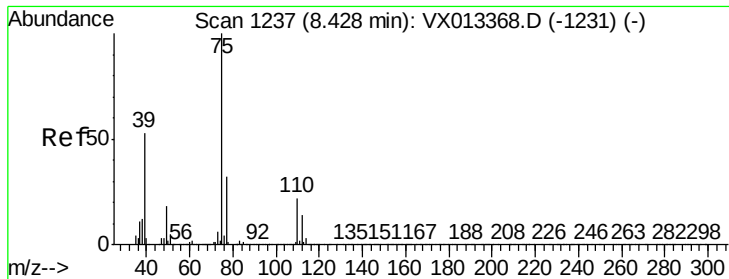
Tgt Ion: 75 Resp: 221090

Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9





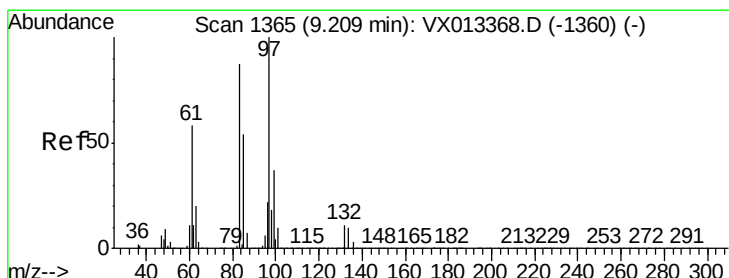
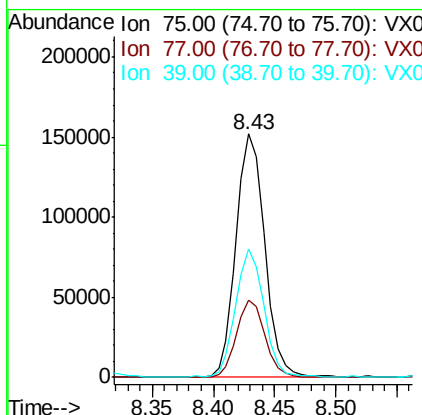
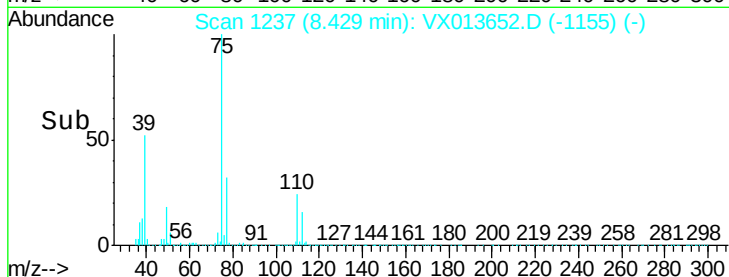
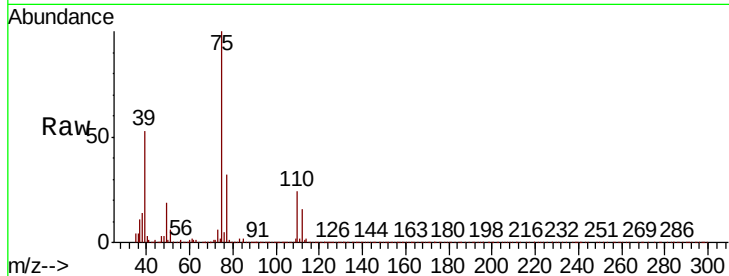
#49
 cis-1,3-Dichloropropene
 Concen: 19.928 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	52.4	42.2	63.4

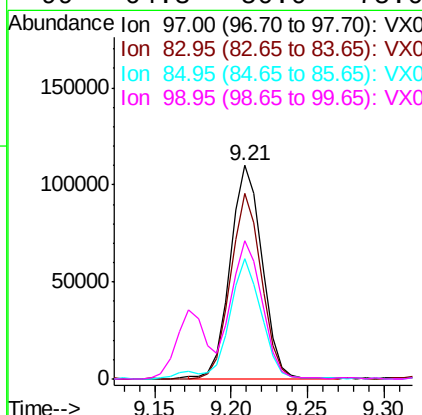
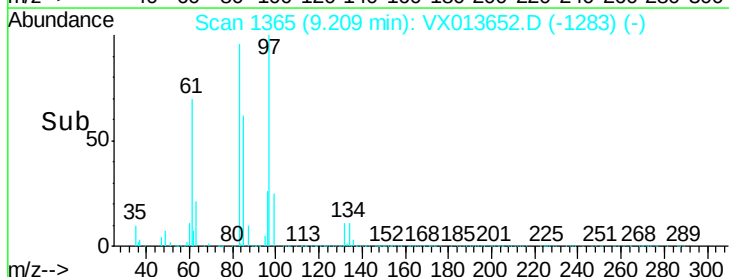
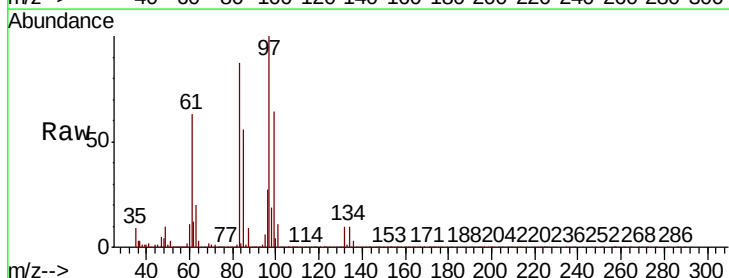
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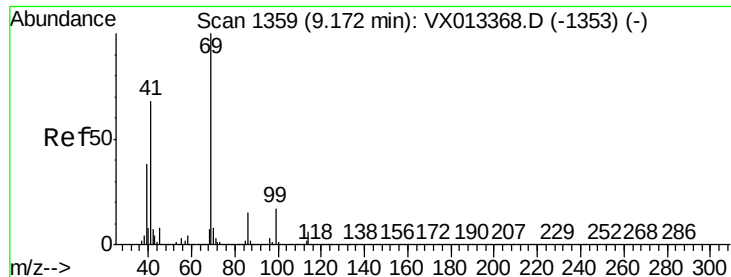
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#50
 1,1,2-Trichloroethane
 Concen: 20.550 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.6	104.4
85	56.2	45.5	68.3
99	64.3	50.0	75.0





#51

Ethyl methacrylate

Concen: 20.170 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

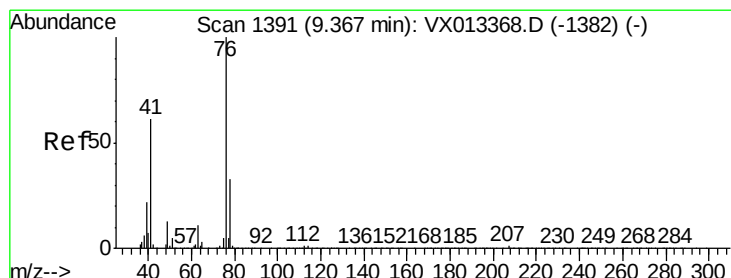
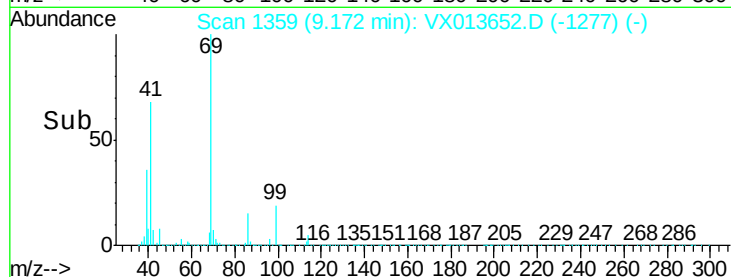
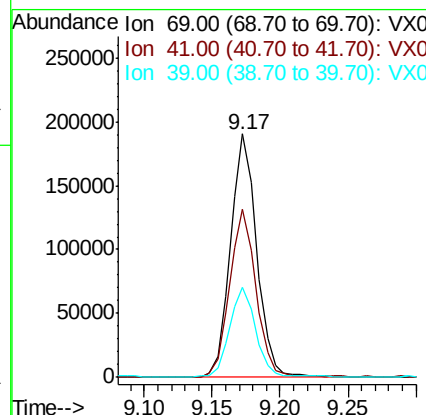
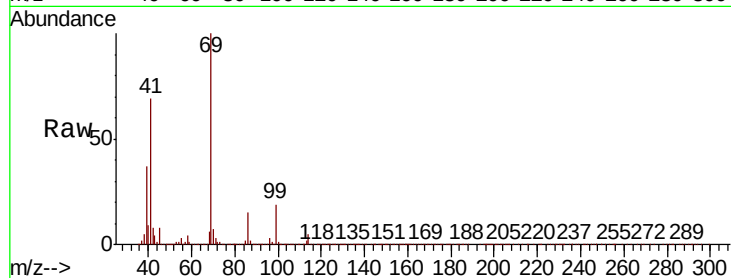
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	254312
Ion Ratio	Lower	Upper	
69	100		
41	69.0	33.9	101.6
39	36.8	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.718 ug/l

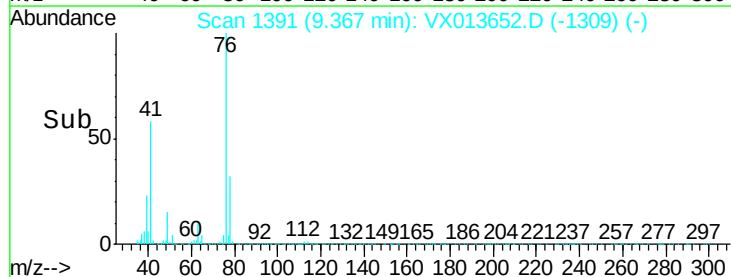
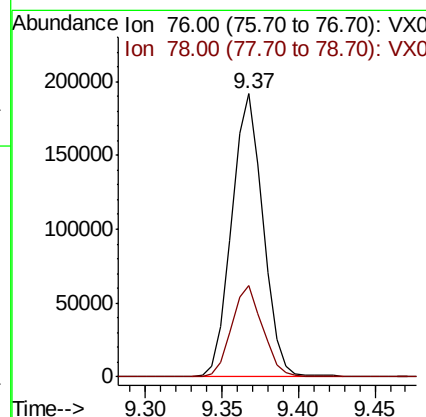
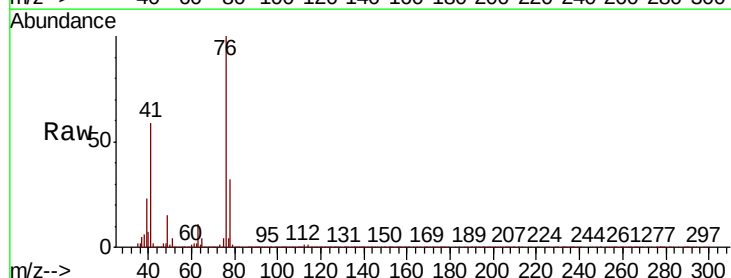
RT: 9.37 min Scan# 1391

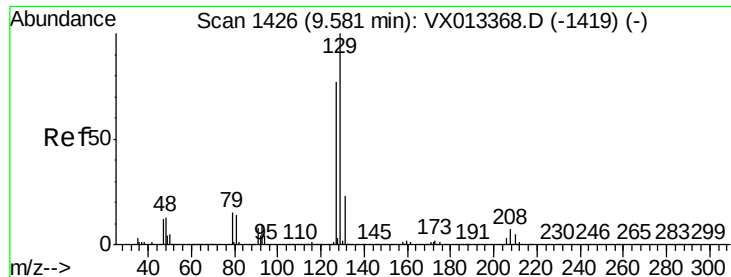
Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	76	Resp:	271218
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.6





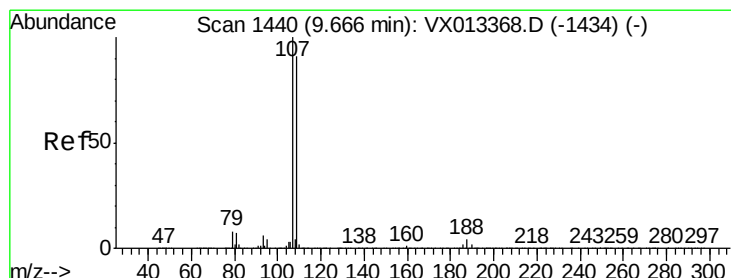
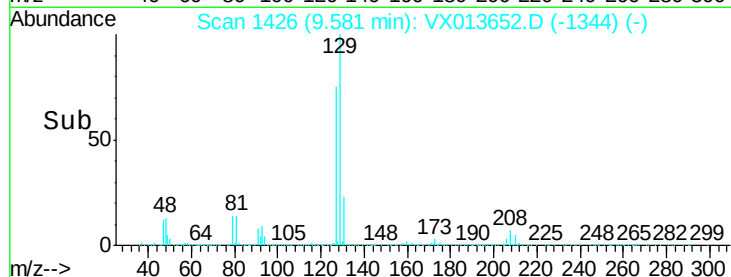
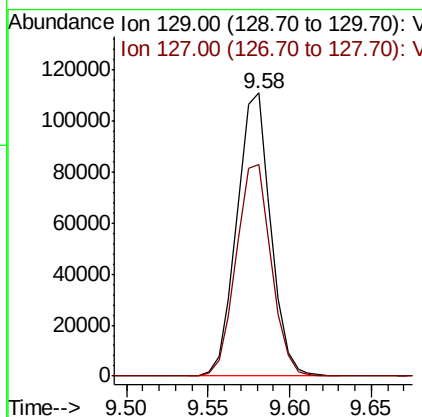
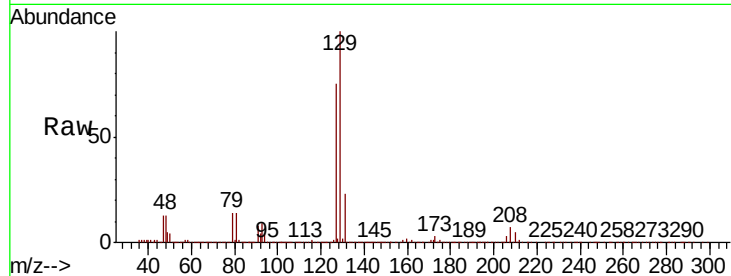
#53
Dibromochloromethane
Concen: 19.795 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.6	119.0

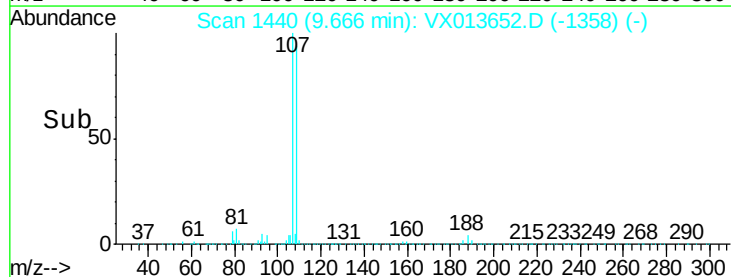
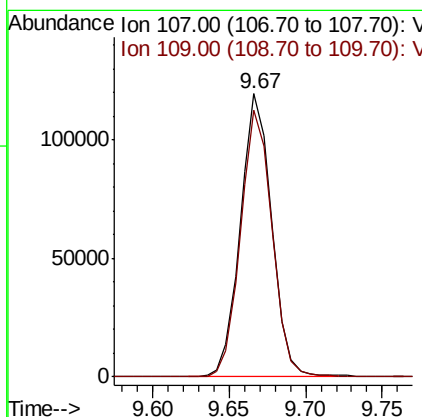
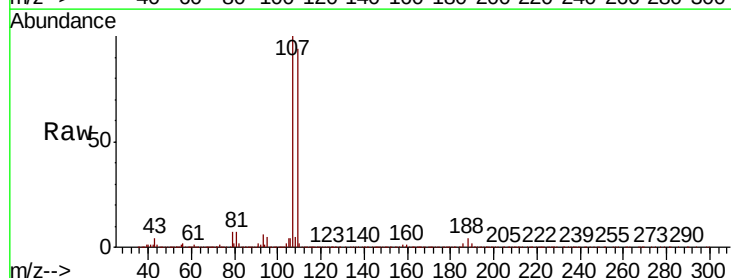
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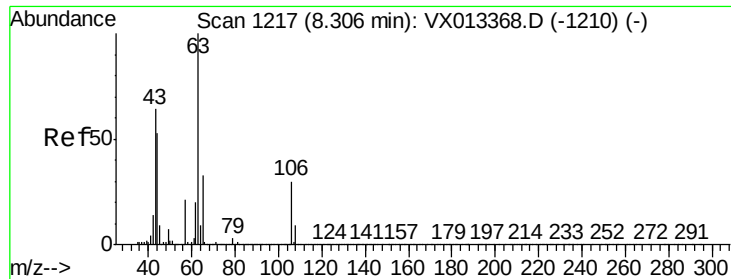
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#54
1,2-Dibromoethane
Concen: 20.651 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	73.9	110.9





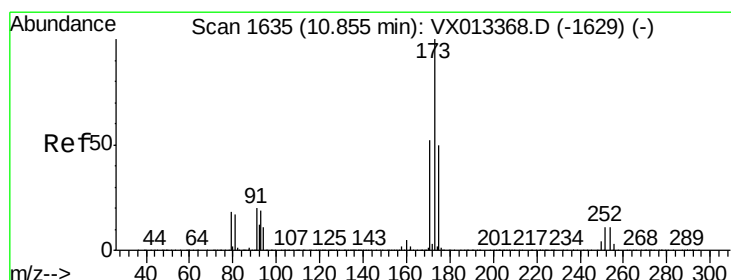
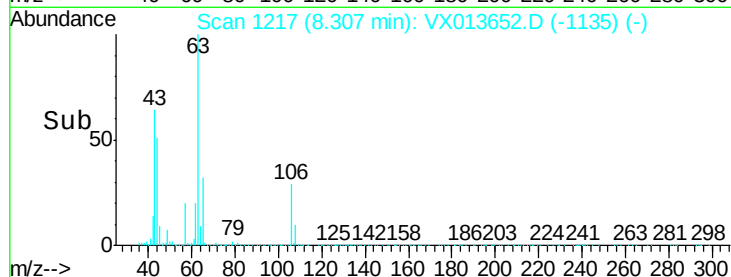
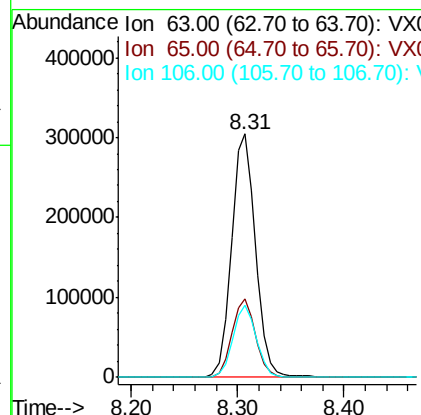
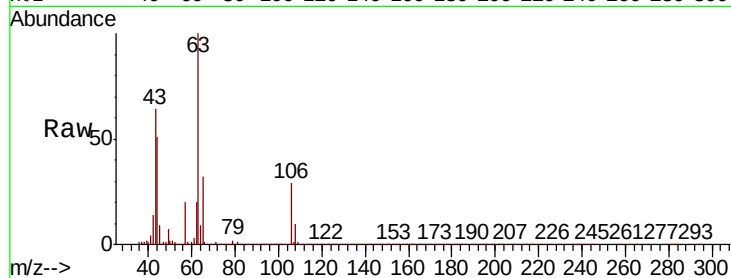
#55
2-Chloroethyl vinyl ether
Concen: 88.666 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

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

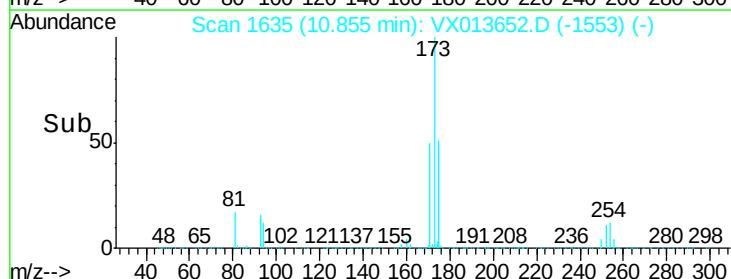
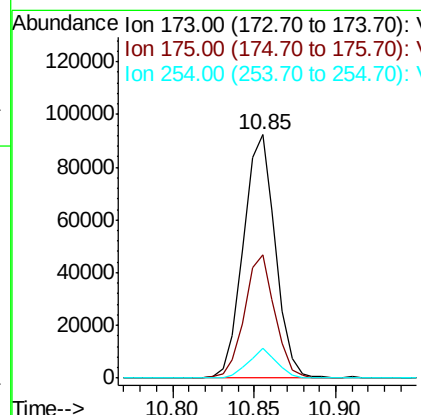
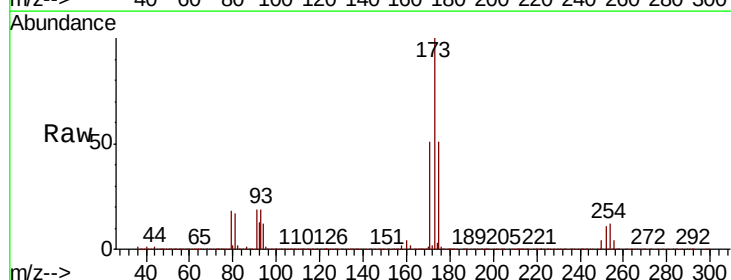
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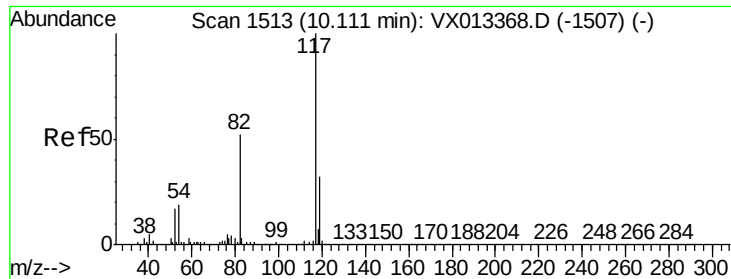
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#56
Bromoform
Concen: 19.482 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.4	59.0
254	11.0	8.6	12.8





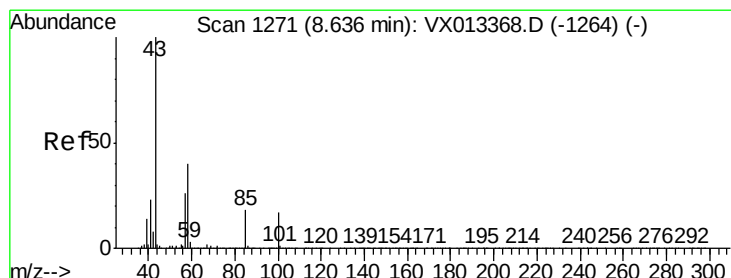
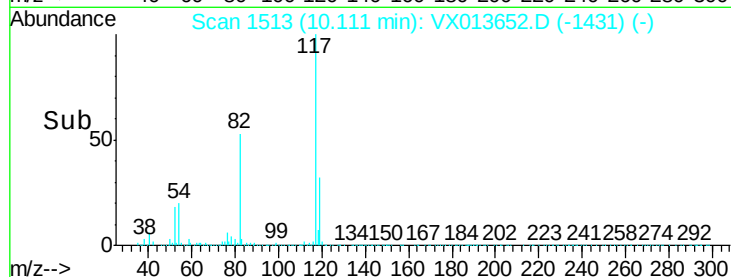
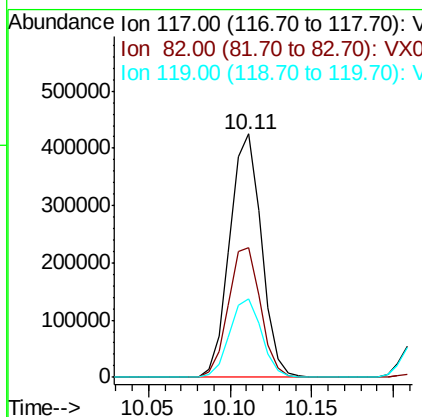
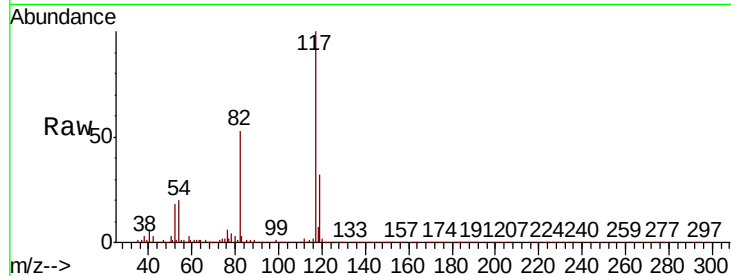
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

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

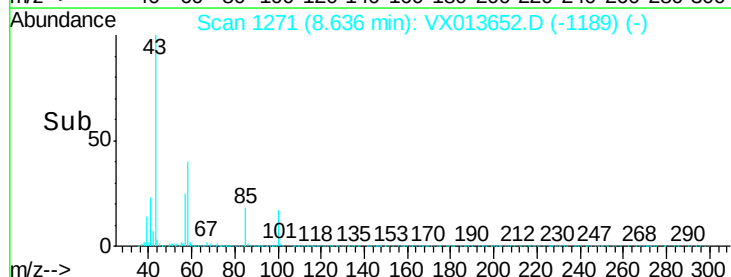
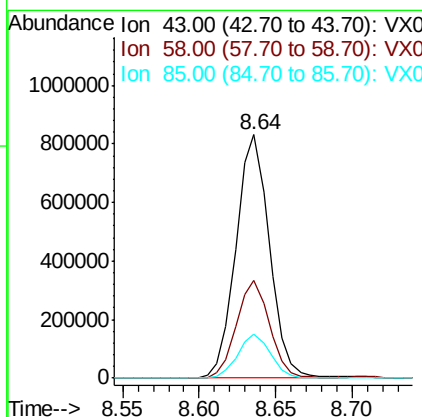
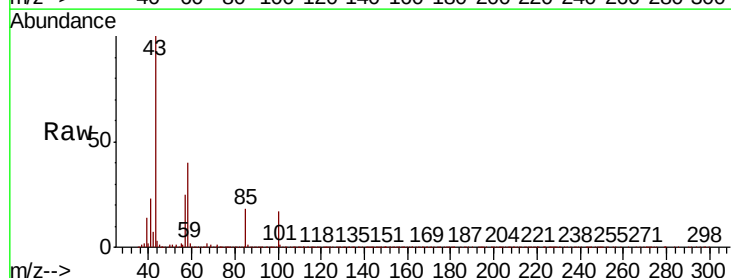
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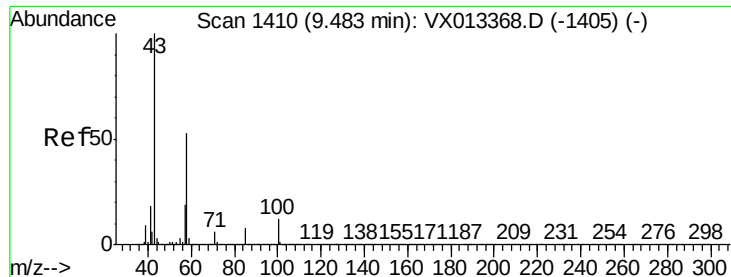
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#58
4-Methyl-2-Pentanone
Concen: 104.661 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.6	47.4
85	18.0	14.2	21.2





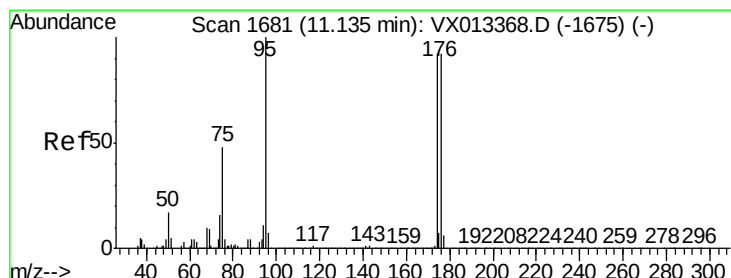
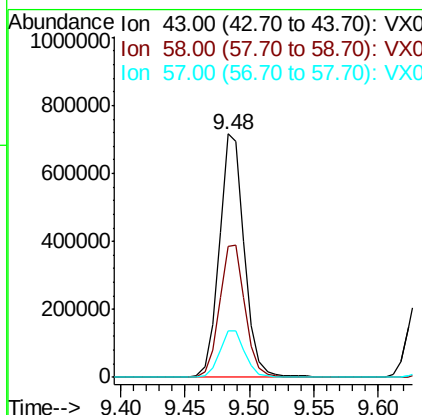
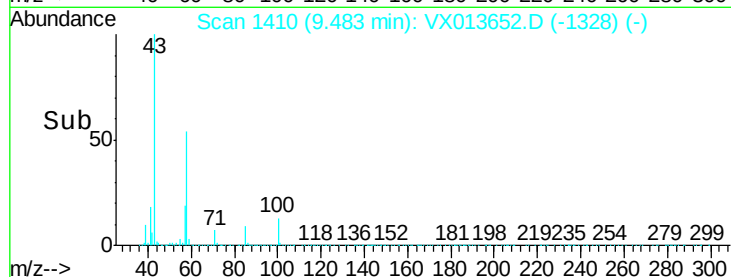
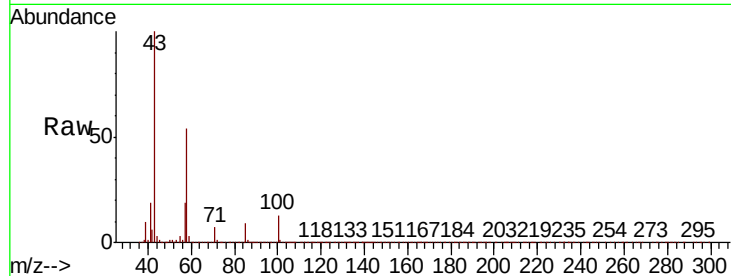
#59
2-Hexanone
Concen: 102.508 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	43.8	65.6
57	19.4	15.1	22.7

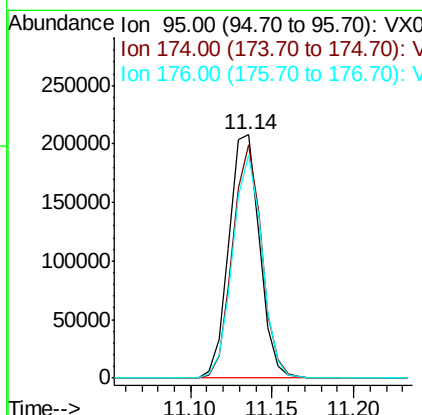
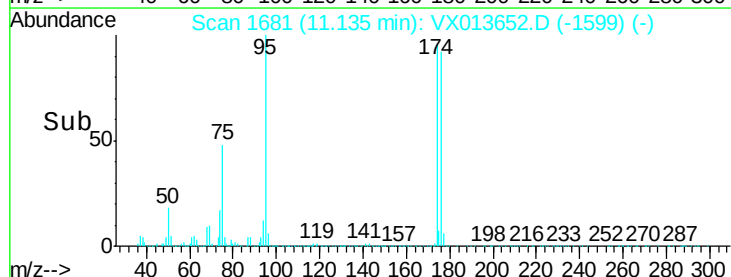
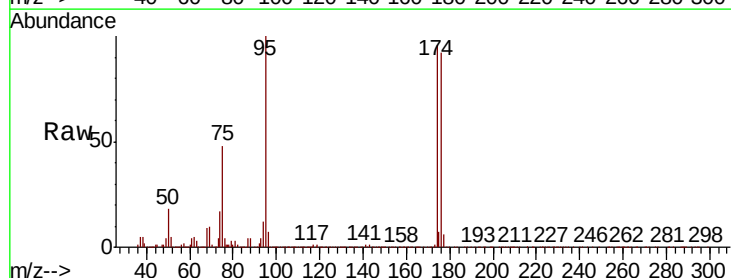
Manual Integrations
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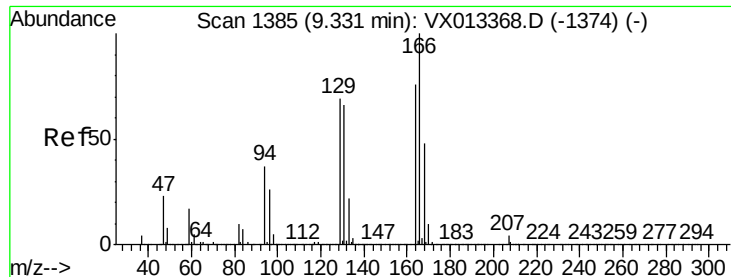
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#60
4-Bromofluorobenzene
Concen: 29.341 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.7	70.2	105.2
176	88.0	68.3	102.5





#61

Tetrachloroethene

Concen: 21.443 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

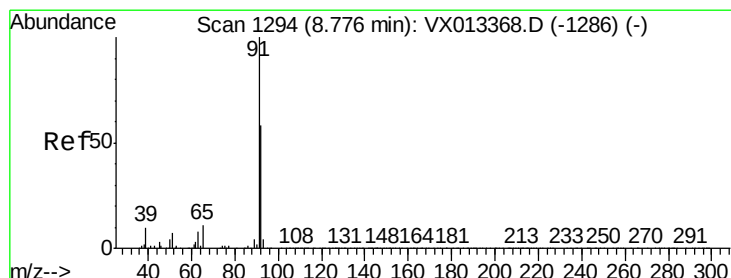
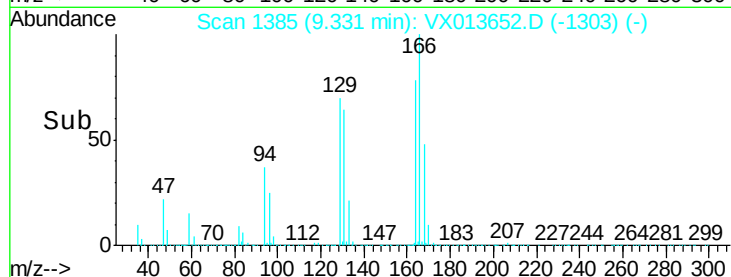
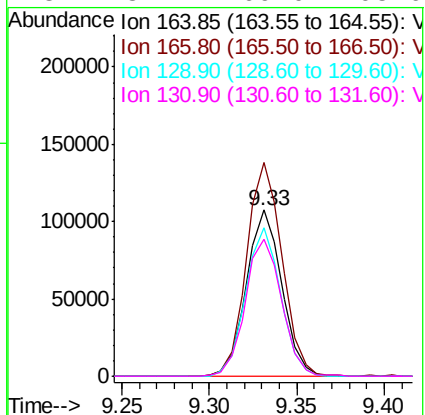
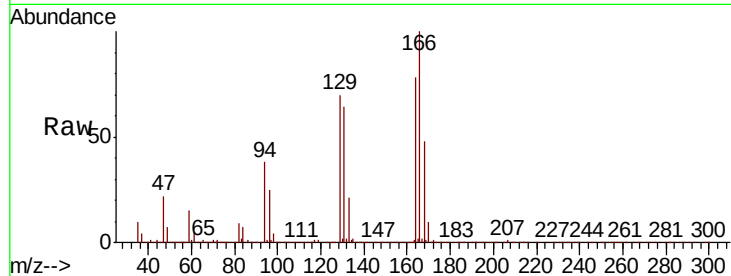
ClientSampleId :

VSTDCCC020

Tot Ion:	164	Resp:	152311
Ion Ratio	Lower	Upper	
164	100		
166	128.3	104.9	157.3
129	89.5	72.3	108.5
131	82.2	69.0	103.6

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#62

Toluene

Concen: 21.048 ug/l

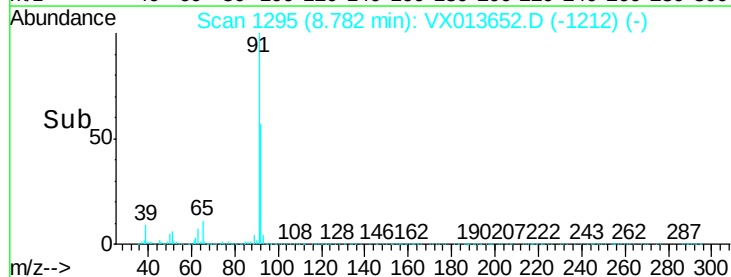
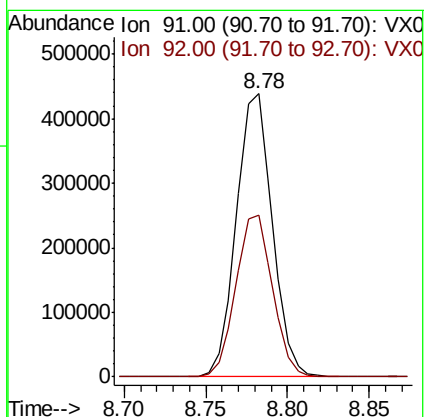
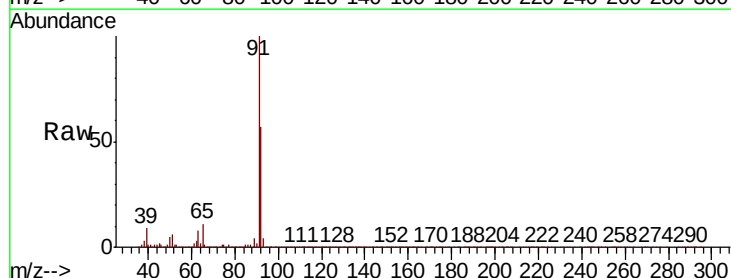
RT: 8.78 min Scan# 1295

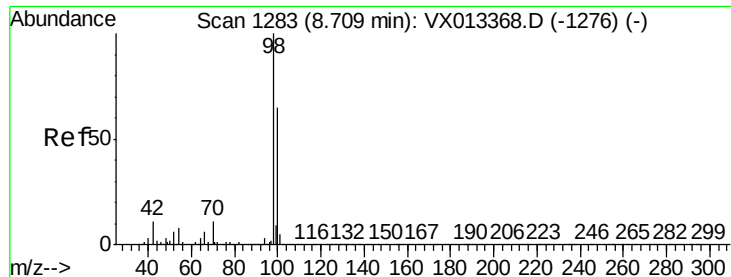
Delta R.T. 0.01 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	91	Resp:	675320
Ion Ratio	Lower	Upper	
91	100		
92	58.3	46.6	69.8





#63

Toluene-d8

Concen: 30.041 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 98 Resp: 782484

Ion Ratio Lower Upper

98 100

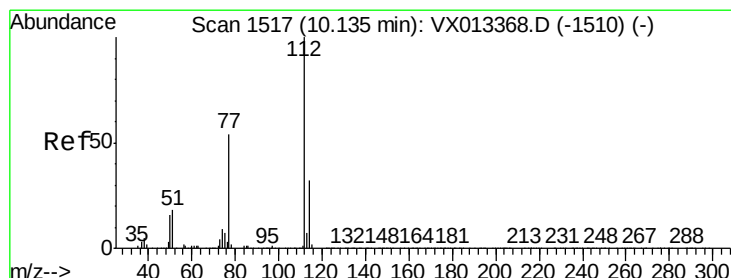
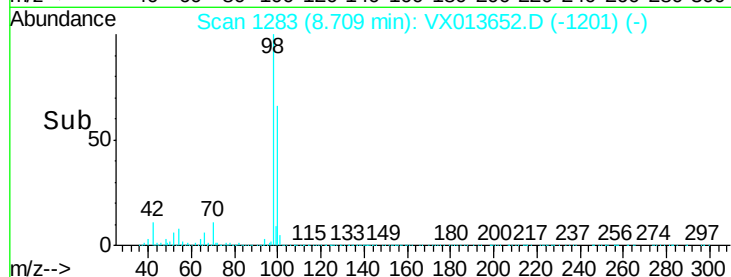
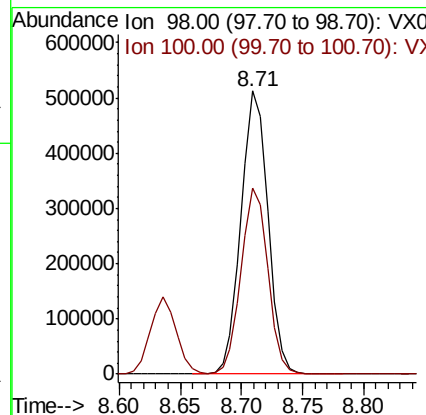
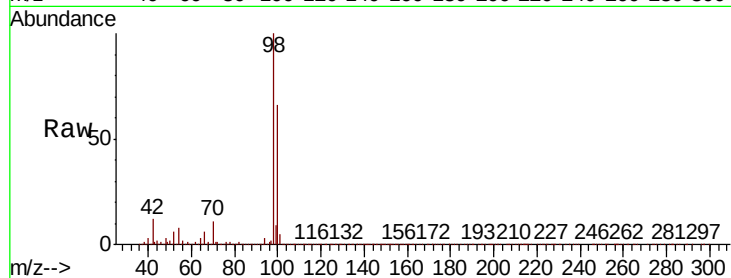
100 65.4 52.5 78.7

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#64

Chlorobenzene

Concen: 21.084 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013652.D

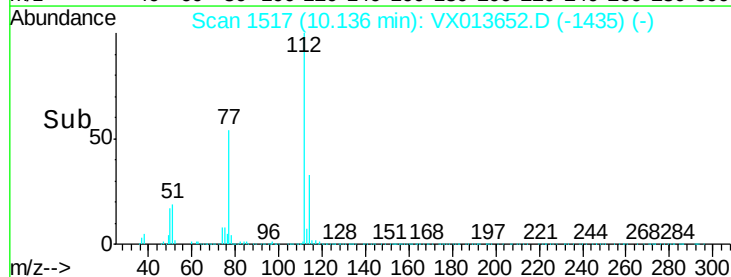
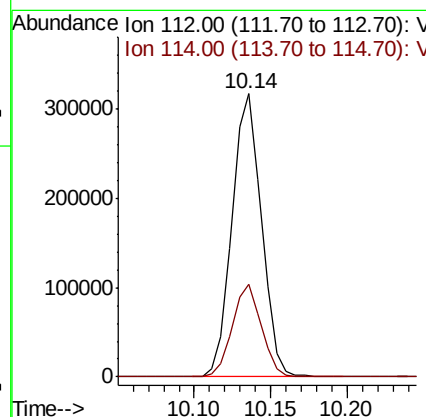
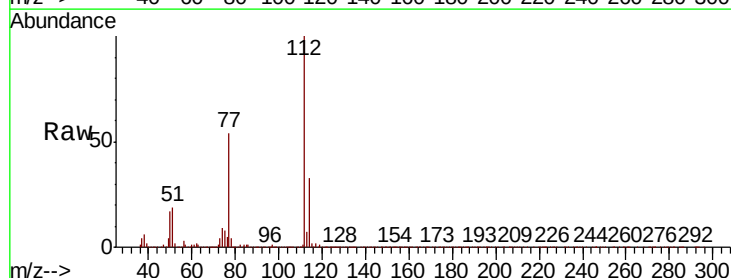
Acq: 27 Nov 2019 15:00

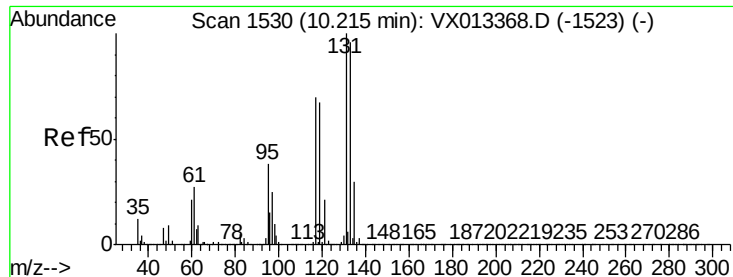
Tgt Ion: 112 Resp: 422967

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5





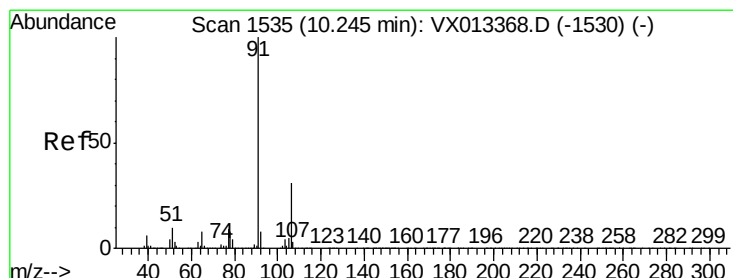
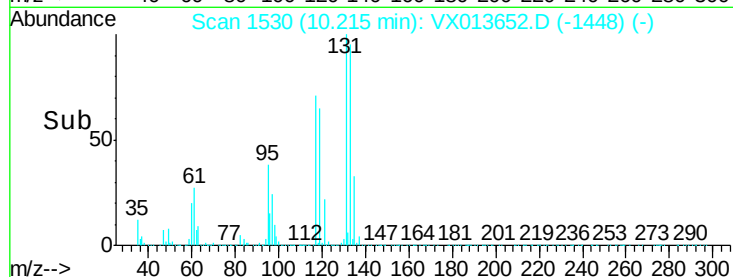
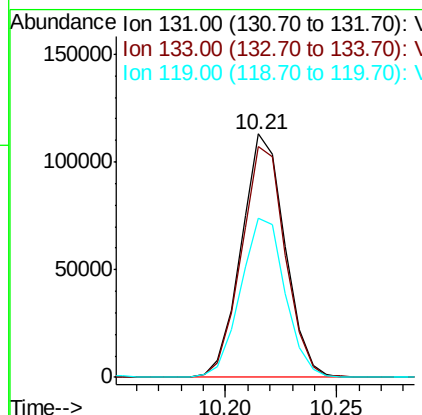
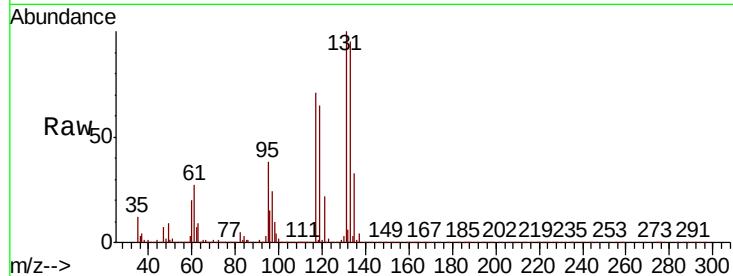
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.583 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	154570		
133	94.8	0.0	192.2	
119	66.7	0.0	134.4	

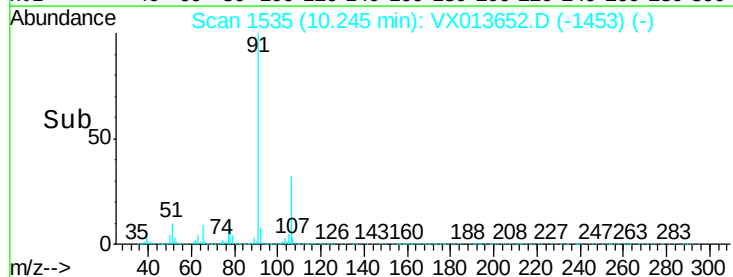
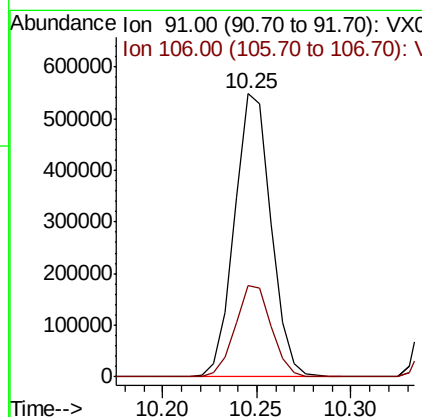
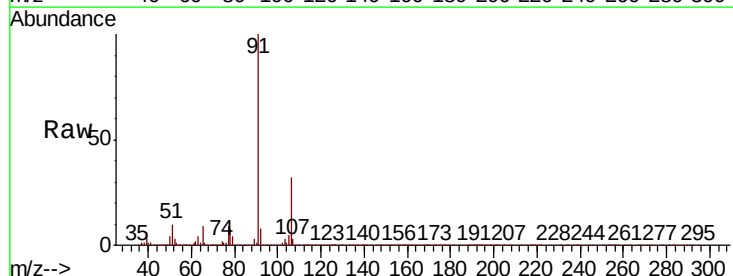
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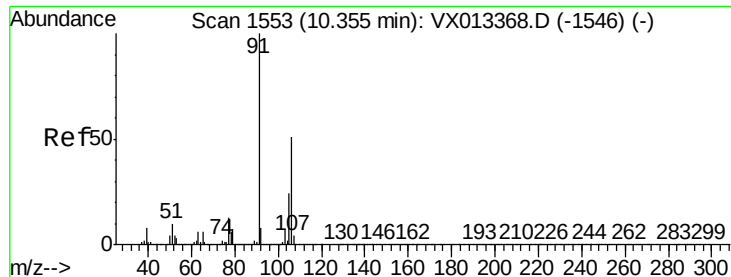
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#66
 Ethyl Benzene
 Concen: 20.886 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	736205		
106	32.2	25.0	37.4	





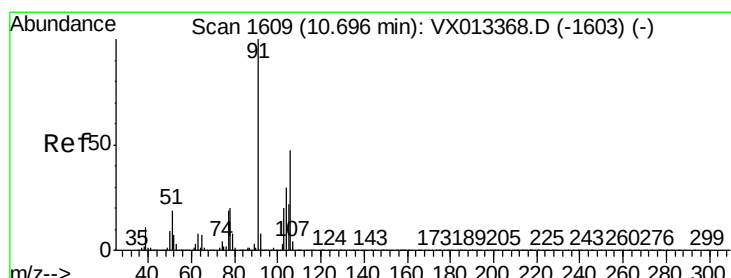
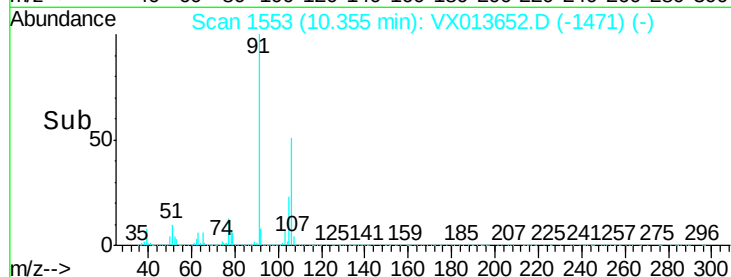
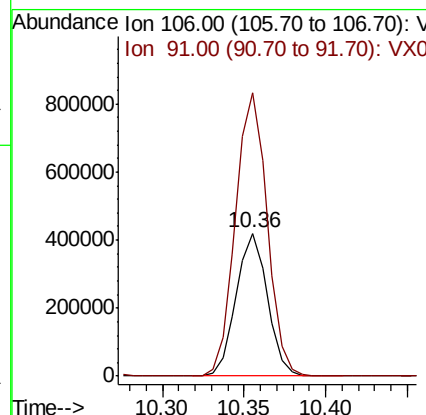
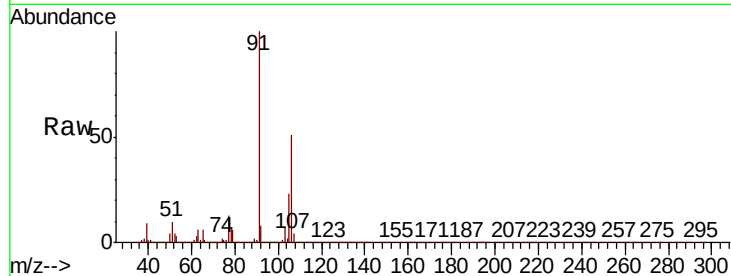
#67
m/p-Xylenes
Concen: 41.386 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 562716
Ion Ratio Lower Upper
106 100
91 200.1 158.4 237.6

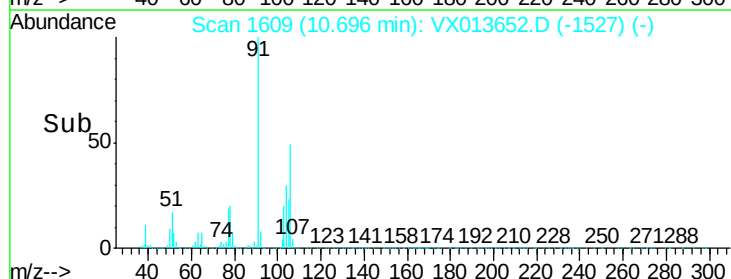
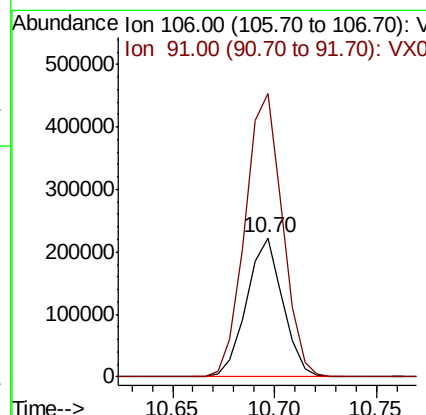
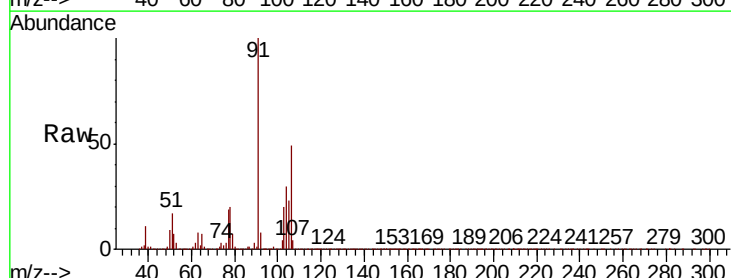
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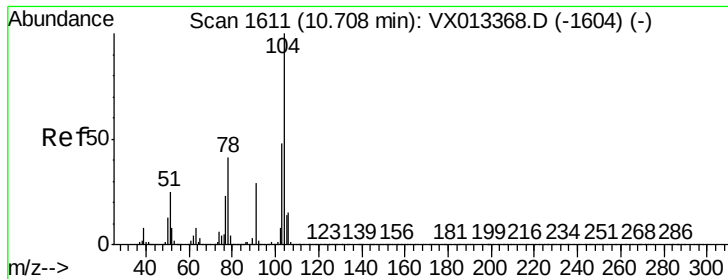
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#68
o-Xylene
Concen: 20.823 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion:106 Resp: 273240
Ion Ratio Lower Upper
106 100
91 210.7 106.4 319.2





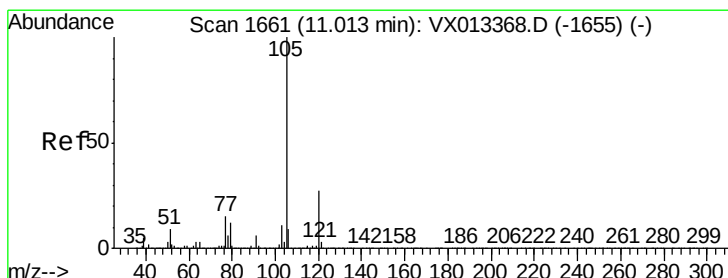
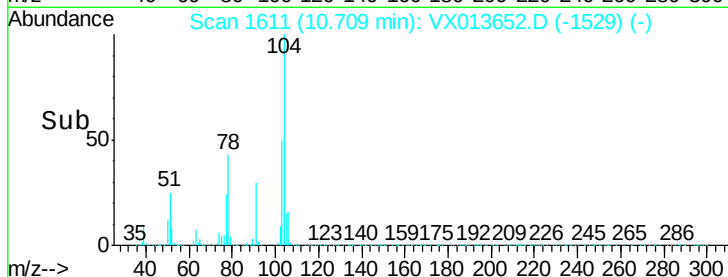
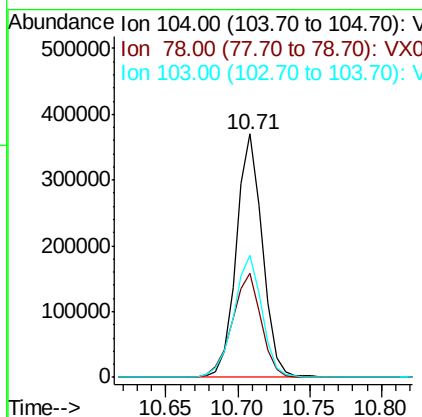
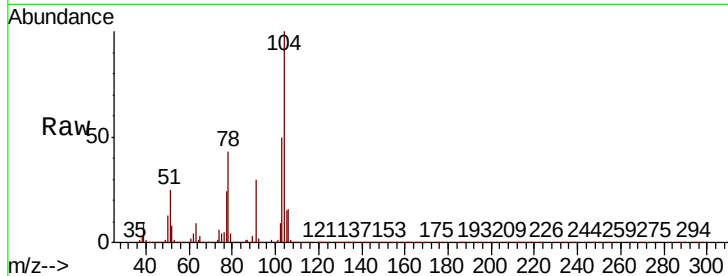
#69
Stvrene
Concen: 20.786 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	465757		
78	47.7	38.2	57.4	
103	53.9	43.2	64.8	

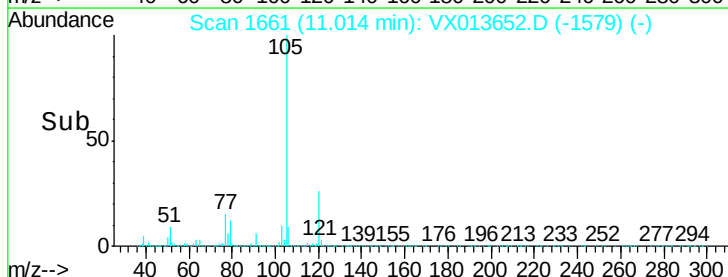
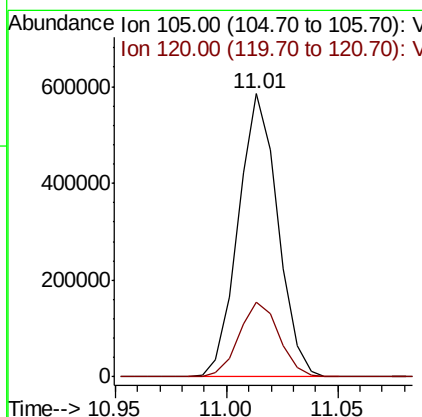
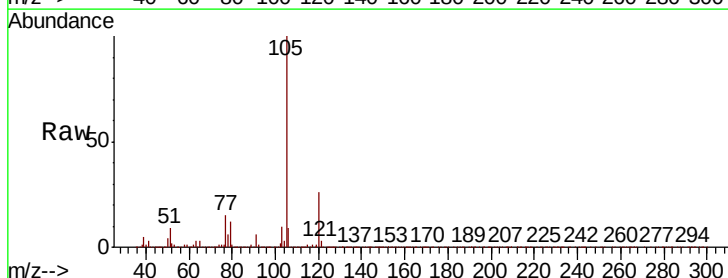
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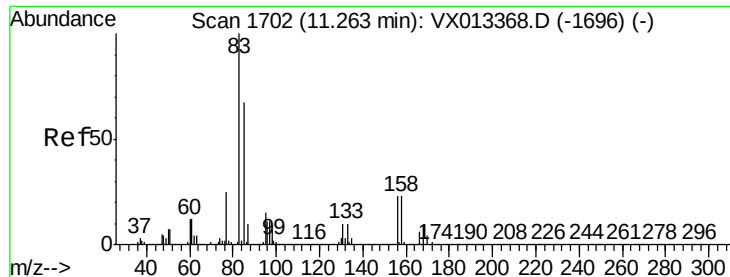
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#70
Isopropylbenzene
Concen: 20.946 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	724258		
120	26.6	18.8	34.8	





#71

1,1,2,2-Tetrachloroethane

Concen: 20.699 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

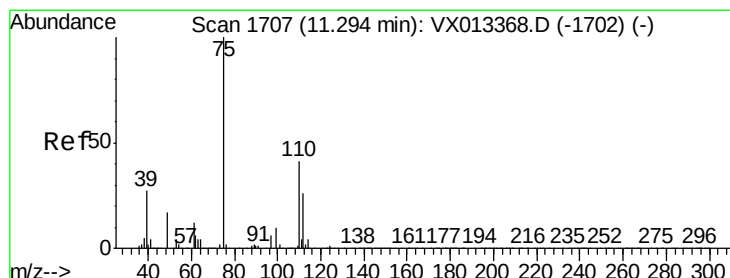
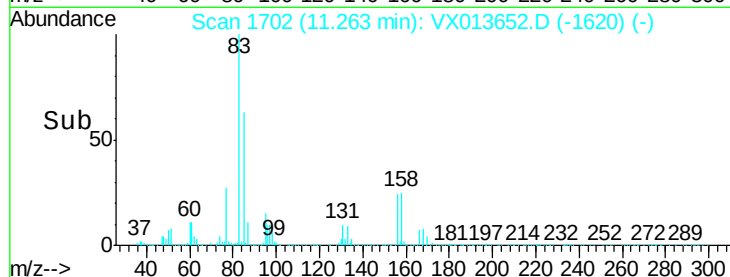
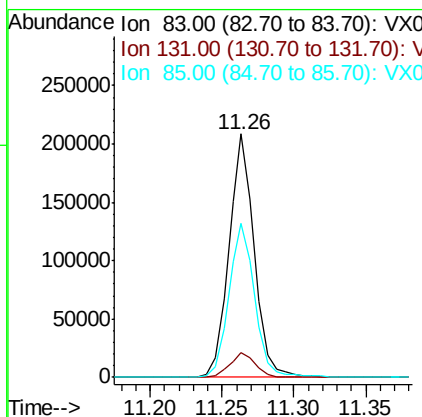
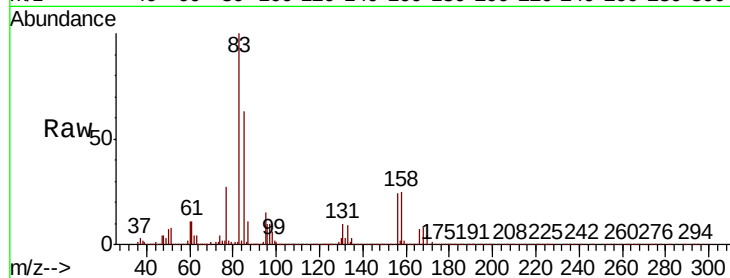
ClientSampled :

VSTDCCC020

Tot Ion:	83	Resp:	256267
Ion Ratio		Lower	Upper
83	100		
131	10.1	4.7	14.1
85	64.1	32.6	97.7

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#72

1,2,3-Trichloropropane

Concen: 19.423 ug/l m

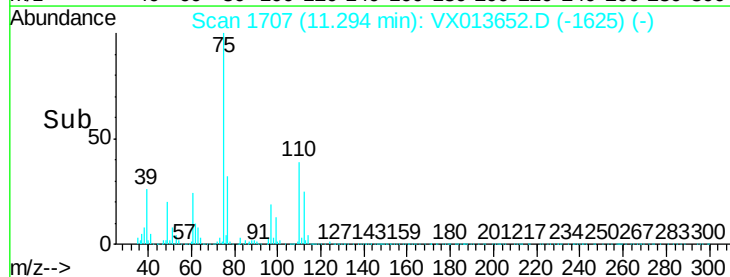
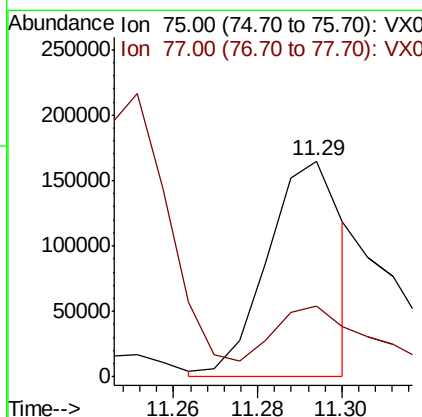
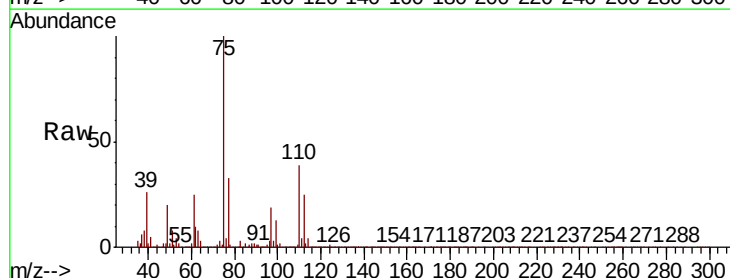
RT: 11.29 min Scan# 1707

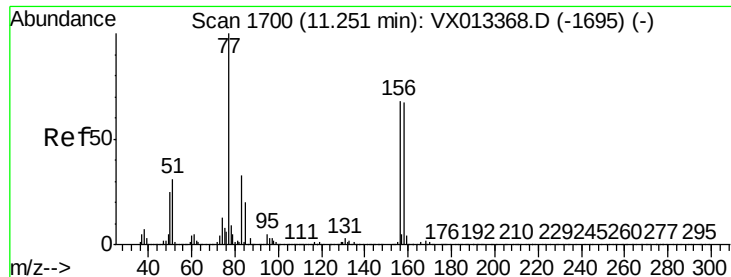
Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	75	Resp:	203044
Ion Ratio		Lower	Upper
75	100		
77	41.8	0.0	86.2





#73

Bromobenzene

Concen: 20.518 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

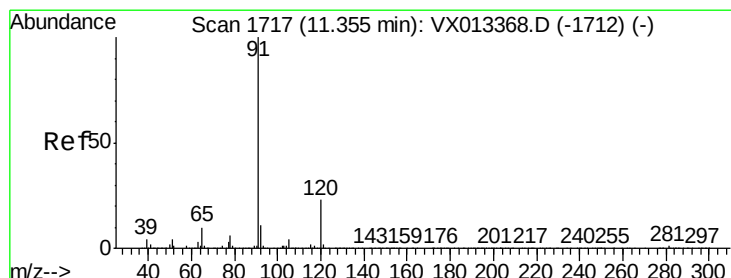
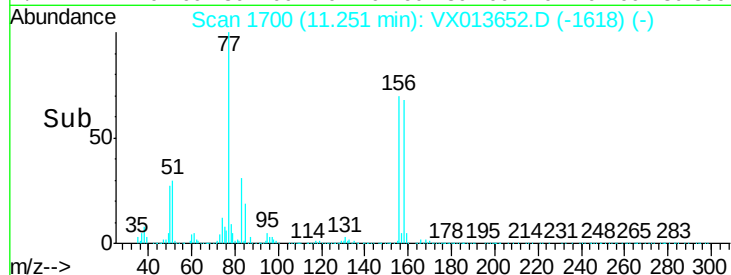
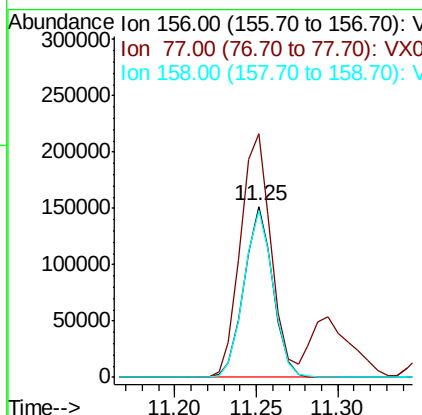
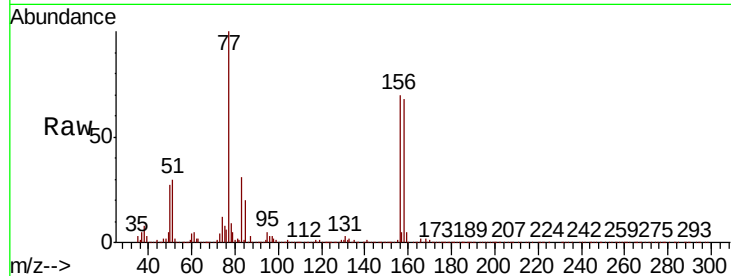
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	187092
Ion Ratio	Lower	Upper	
156	100		
77	152.0	0.0	308.8
158	99.1	0.0	197.0

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#74

n-propylbenzene

Concen: 20.710 ug/l

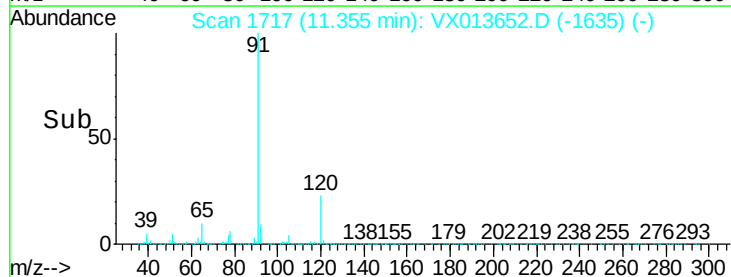
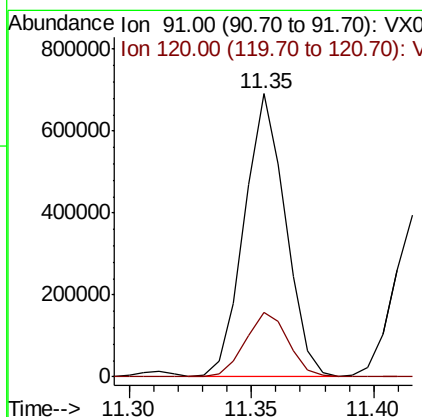
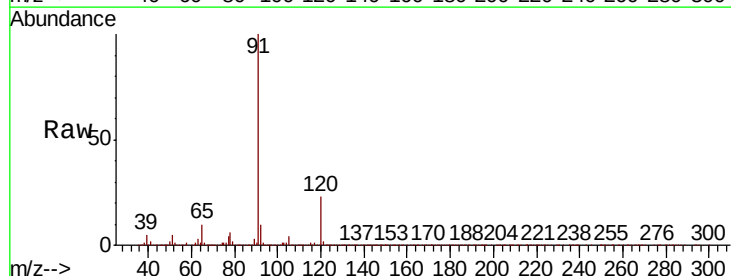
RT: 11.35 min Scan# 1717

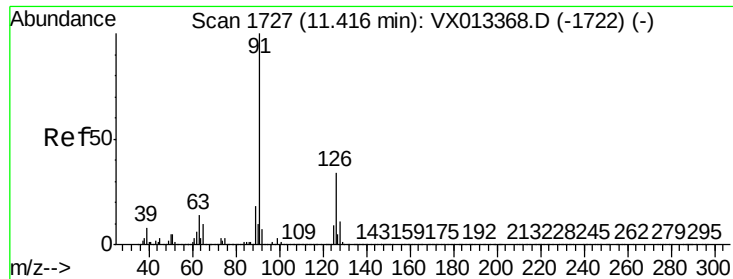
Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	91	Resp:	813790
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.682 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 483279

Ion Ratio Lower Upper

91 100

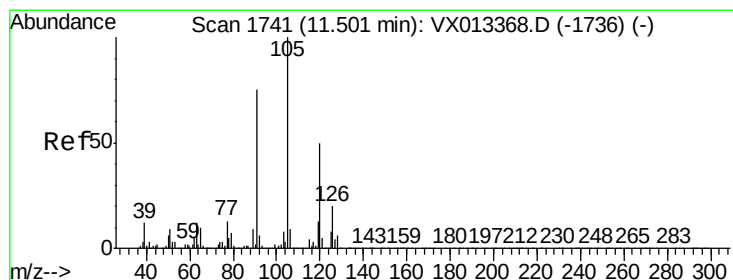
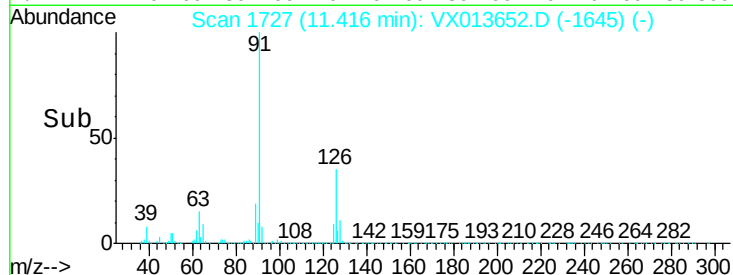
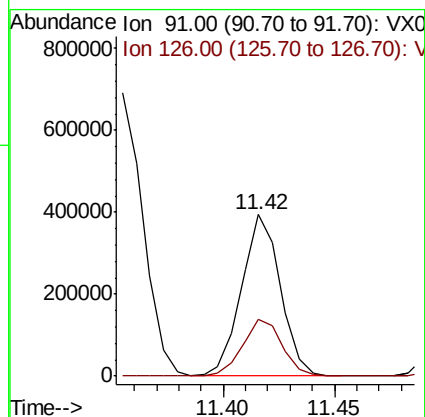
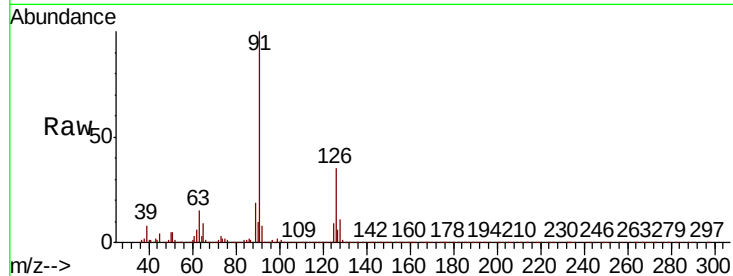
126 35.6 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 20.918 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013652.D

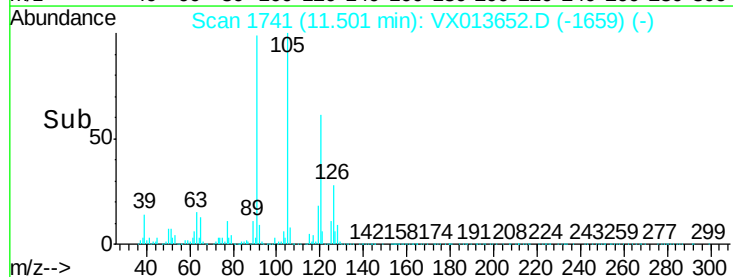
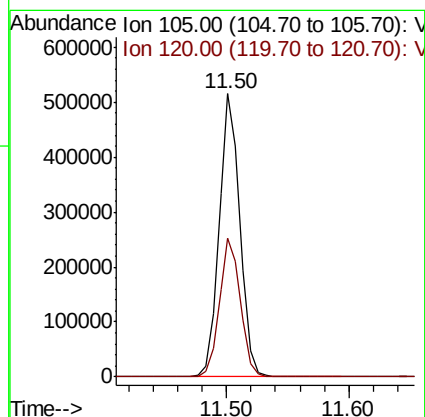
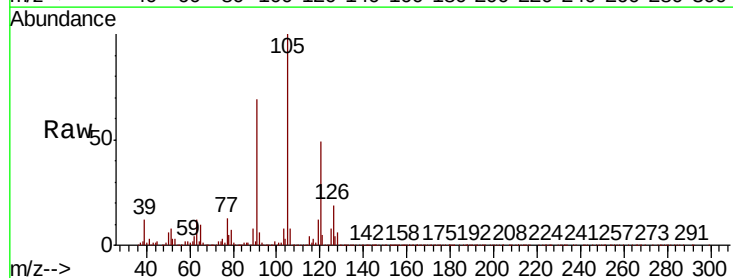
Acq: 27 Nov 2019 15:00

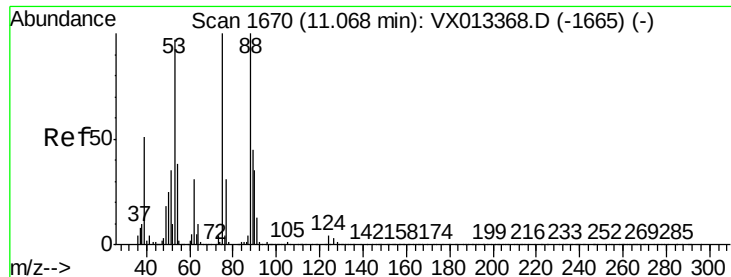
Tgt Ion: 105 Resp: 607958

Ion Ratio Lower Upper

105 100

120 49.4 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.375 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

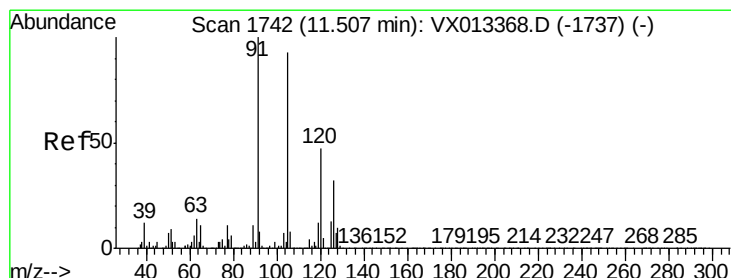
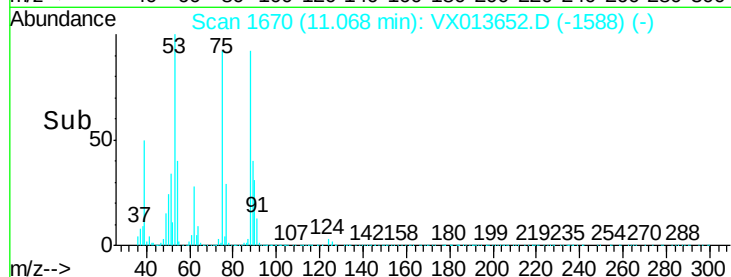
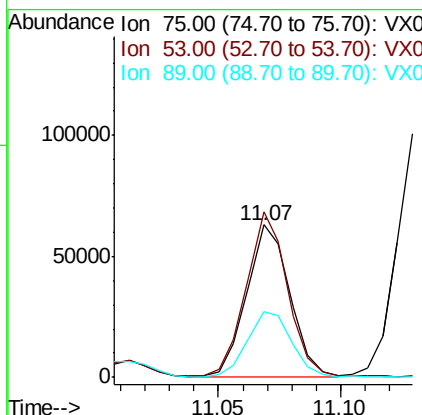
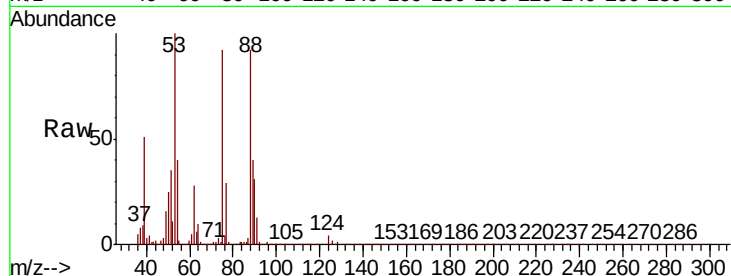
ClientSampled :

VSTDCCC020

Tot Ion:	75	Resp:	77668
Ion	Ratio	Lower	Upper
75	100		
53	108.0	48.8	146.3
89	43.1	22.3	66.8

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#78

4-Chlorotoluene

Concen: 20.316 ug/l

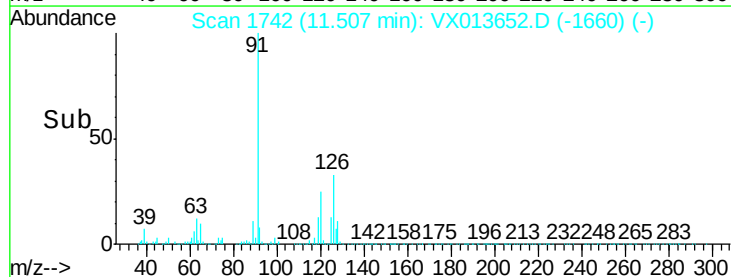
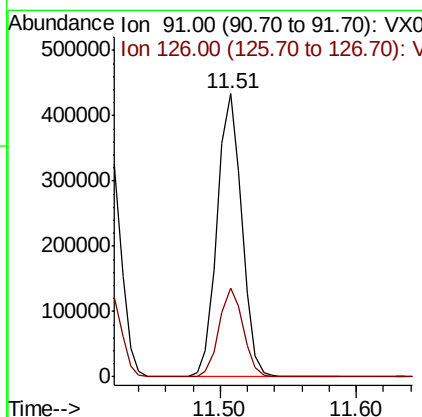
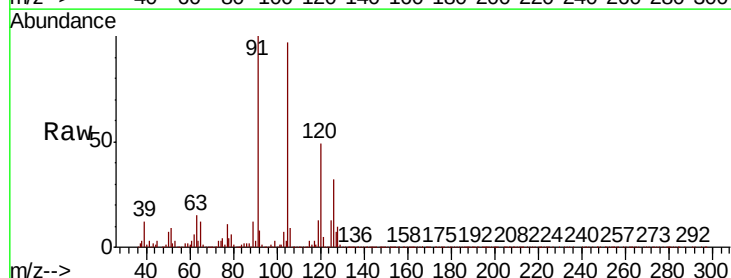
RT: 11.51 min Scan# 1742

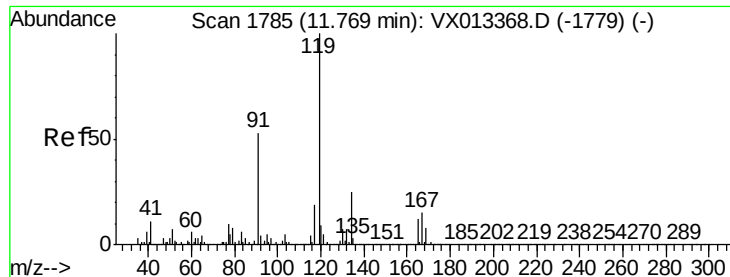
Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	91	Resp:	543898
Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	61.0





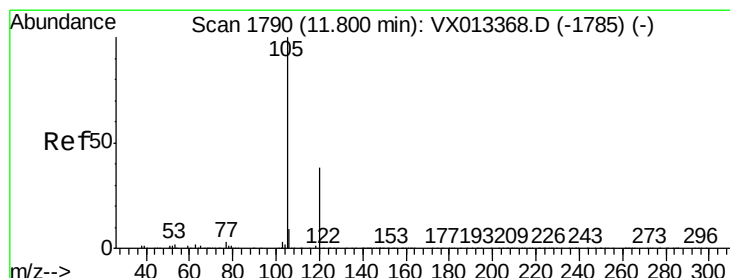
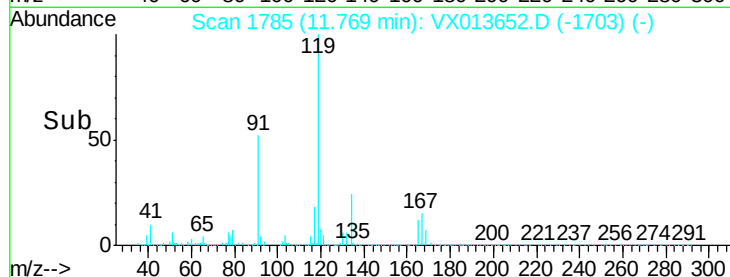
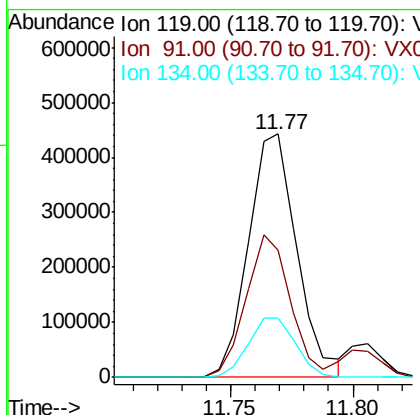
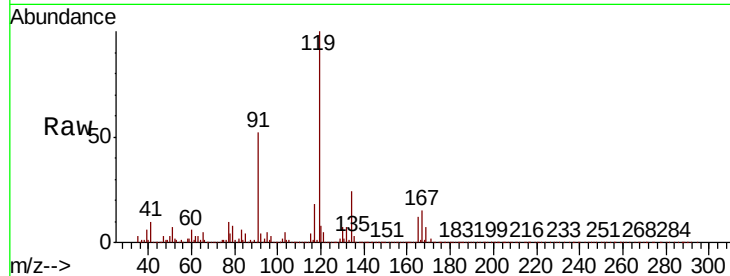
#79
tert-butylbenzene
Concen: 20.729 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	607859		
91	53.6	0.0	109.6	
134	23.9	0.0	47.8	

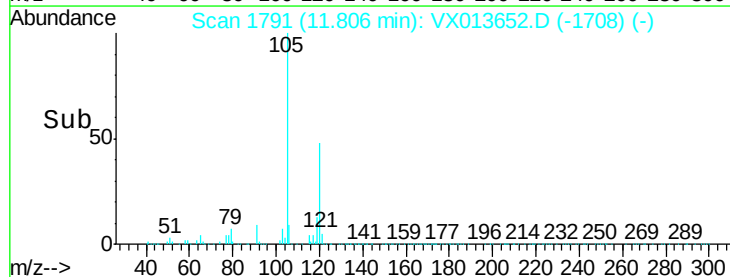
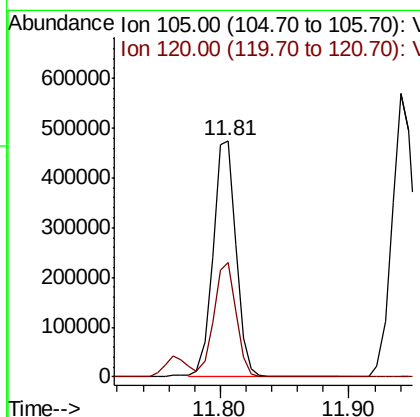
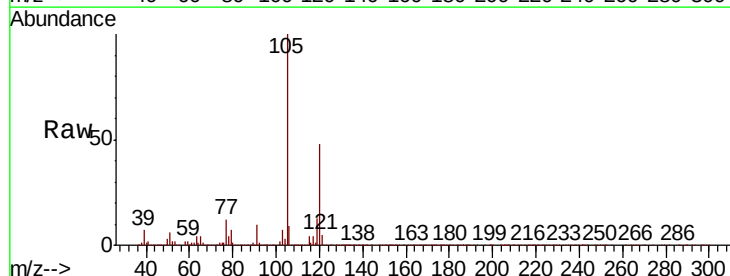
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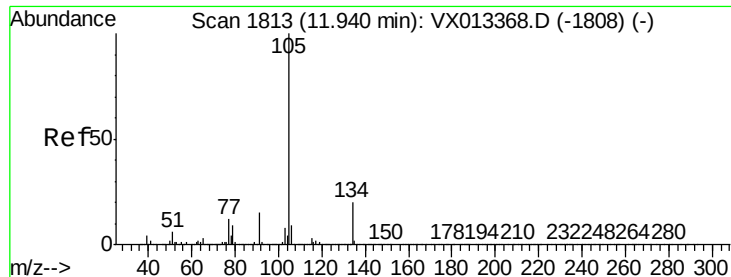
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 20.597 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	596539		
120	46.7	0.0	94.0	





#81

sec-Butylbenzene

Concen: 20.657 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 691099

Ion Ratio Lower Upper

105 100

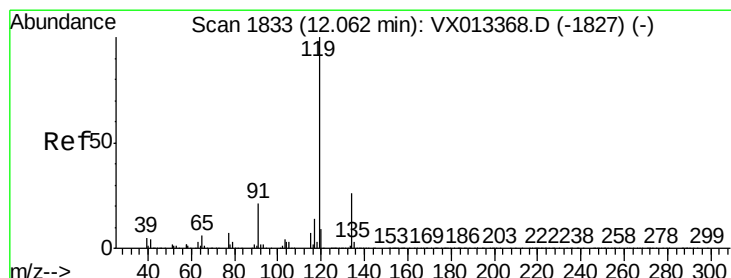
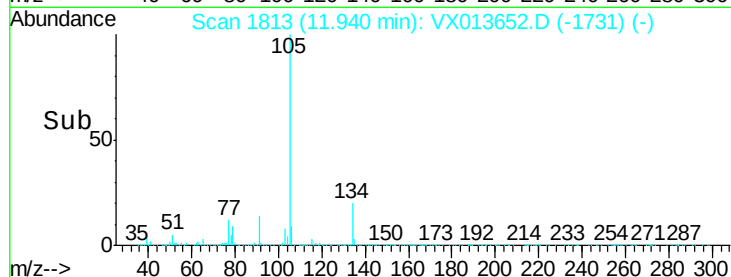
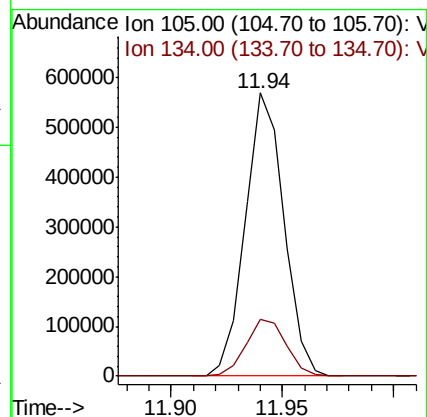
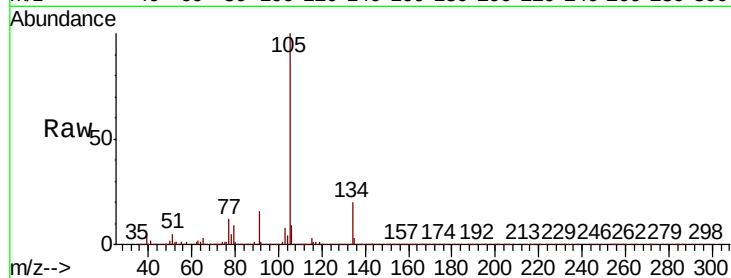
134 20.8 0.0 41.2

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#82

p-Isopropyltoluene

Concen: 20.549 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

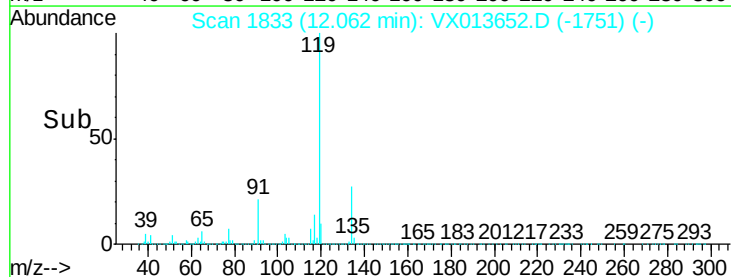
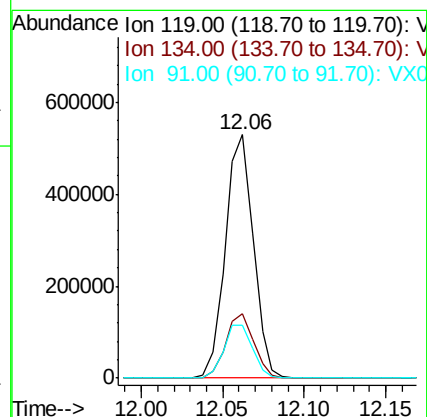
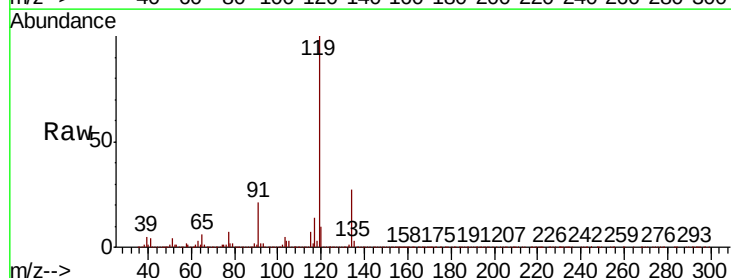
Tgt Ion:119 Resp: 633432

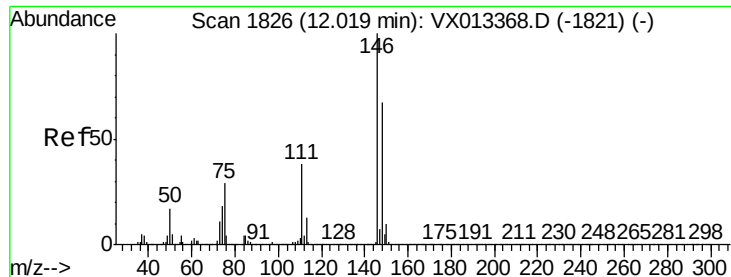
Ion Ratio Lower Upper

119 100

134 26.5 0.0 51.6

91 22.4 0.0 44.2





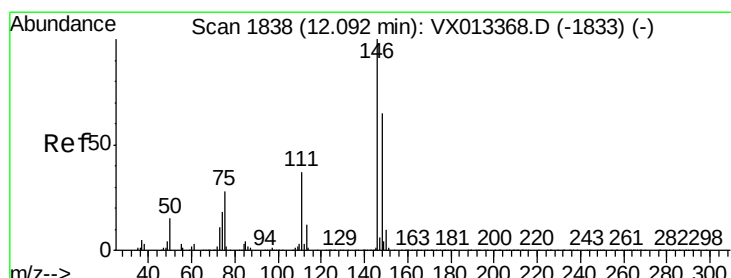
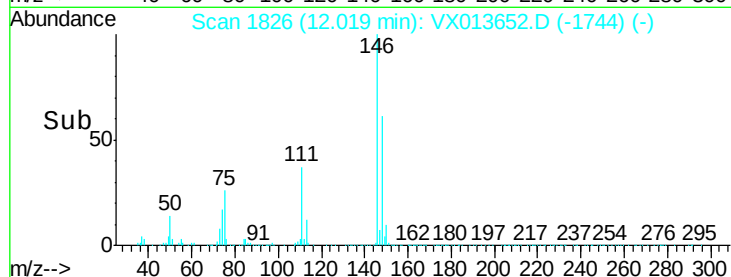
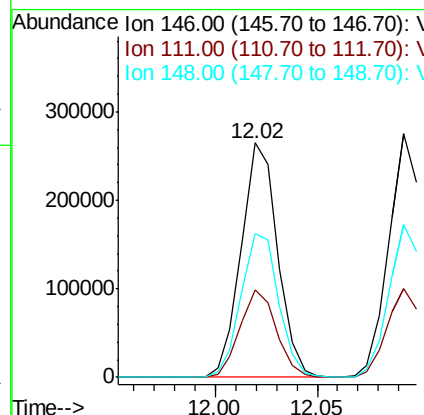
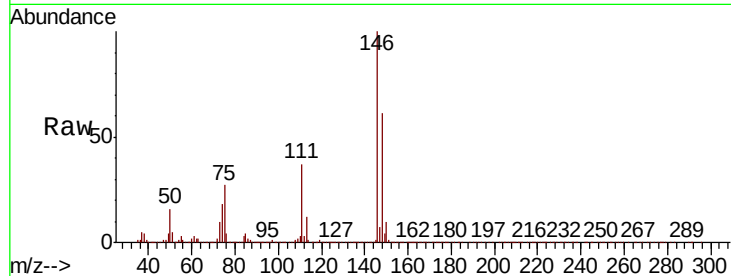
#83
 1,3-Dichlorobenzene
 Concen: 20.475 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.6	32.3	96.9

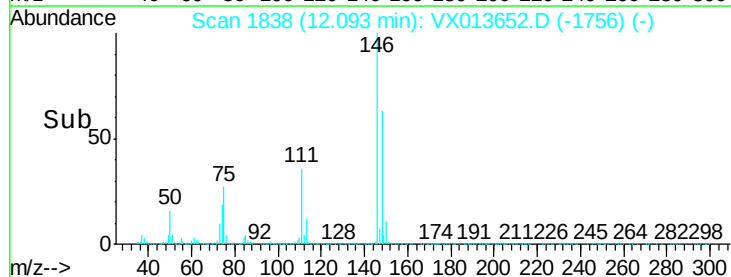
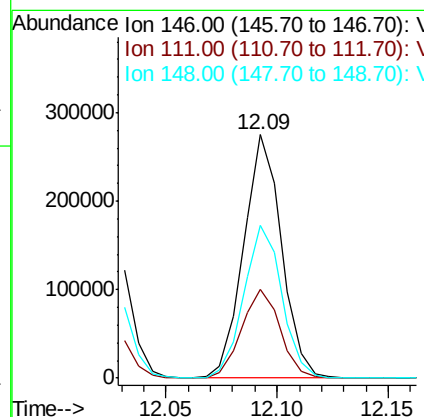
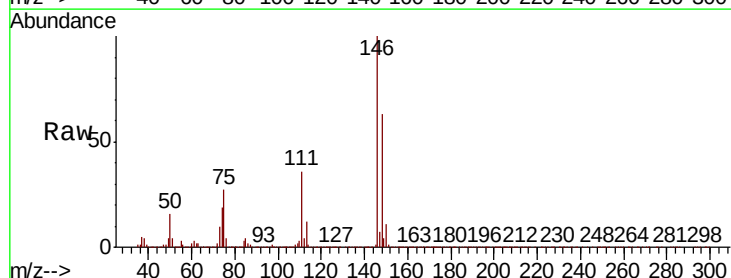
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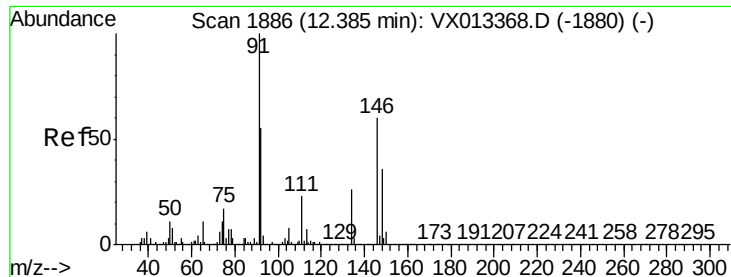
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#84
 1,4-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.6
148	63.1	32.5	97.4





#85

n-Butylbenzene

Concen: 19.840 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Instrument :

MSVOA_X

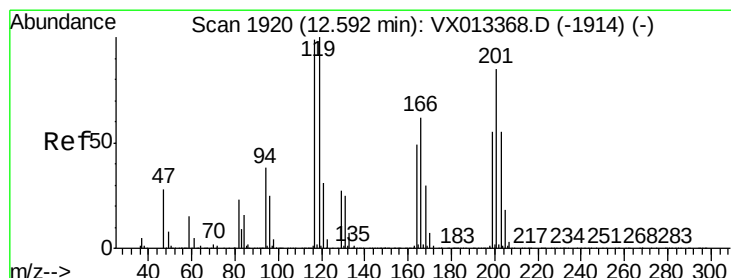
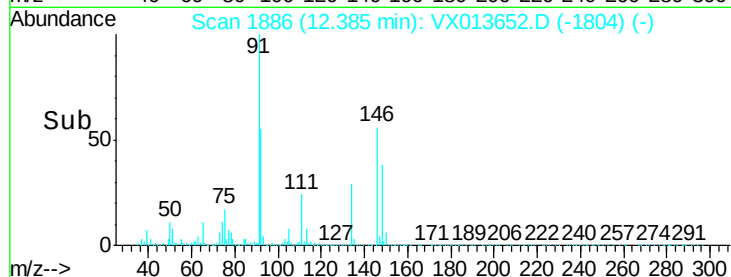
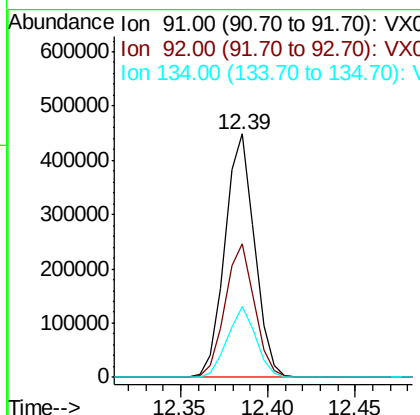
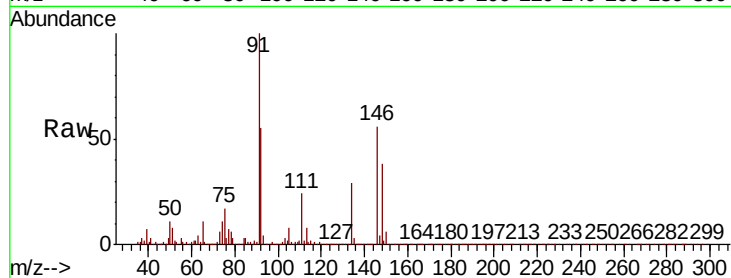
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	527842
Ion Ratio	Lower	Upper	
91	100		
92	54.2	0.0	109.0
134	27.8	0.0	53.0

Manual Integrations
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#86

Hexachloroethane

Concen: 18.873 ug/l

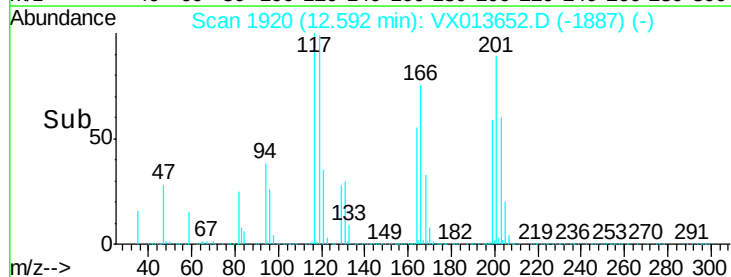
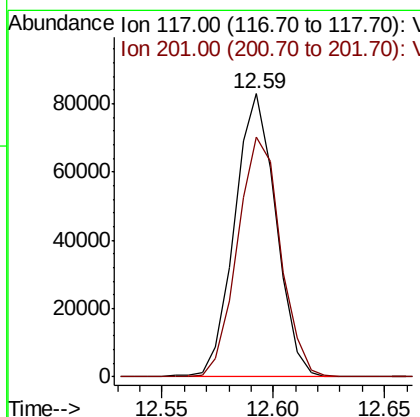
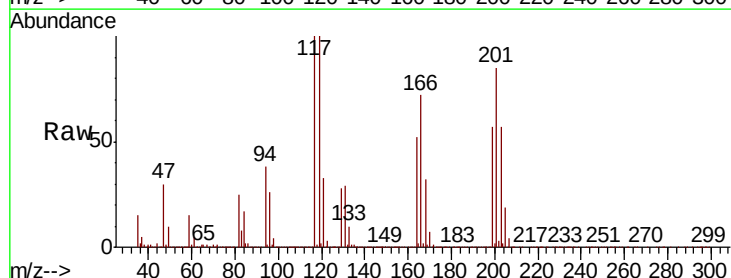
RT: 12.59 min Scan# 1920

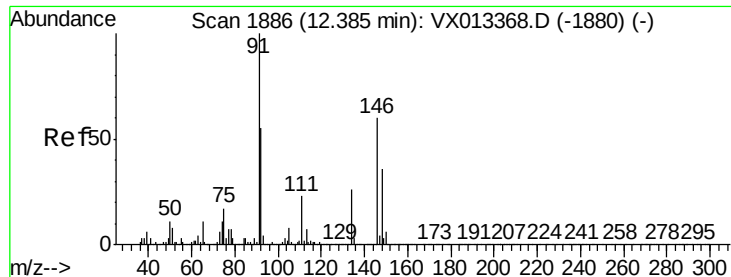
Delta R.T. 0.00 min

Lab File: VX013652.D

Acq: 27 Nov 2019 15:00

Tgt Ion:	117	Resp:	106758
Ion Ratio	Lower	Upper	
117	100		
201	88.7	44.5	133.3





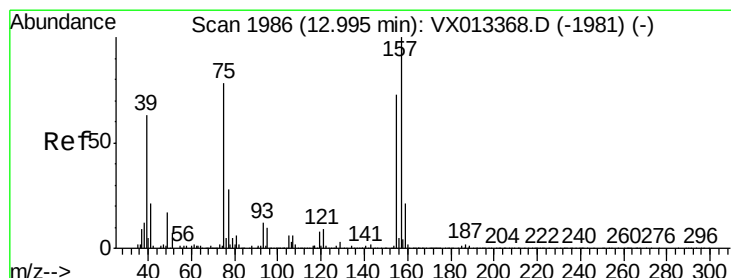
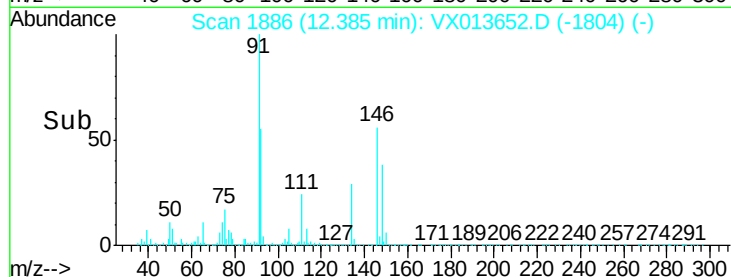
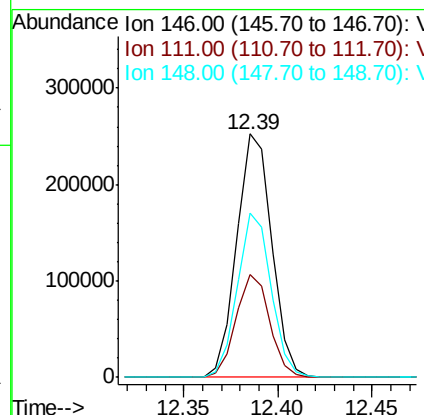
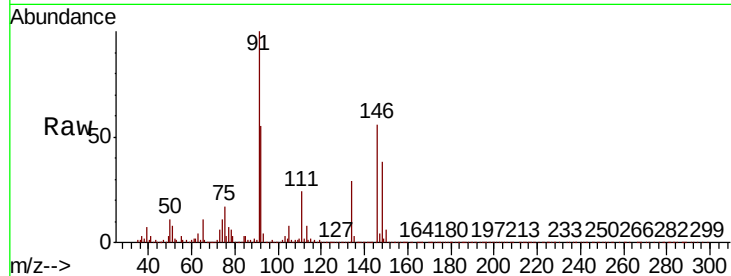
#87
 1,2-Dichlorobenzene
 Concen: 20.359 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	65.0	31.6	94.7

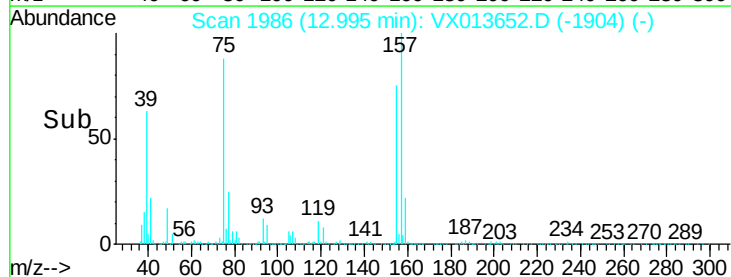
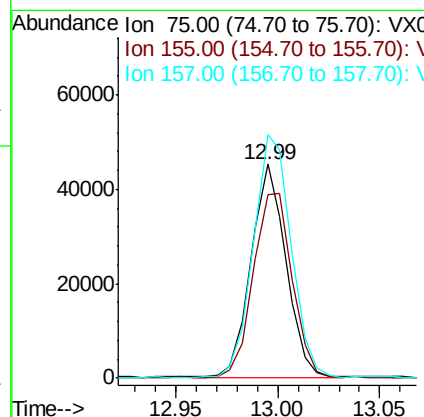
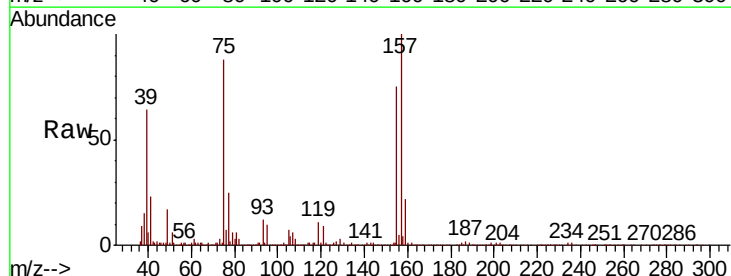
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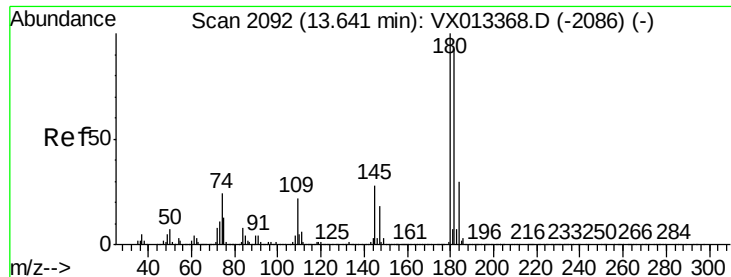
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.483 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	76.9	115.3
157	123.6	101.2	151.8





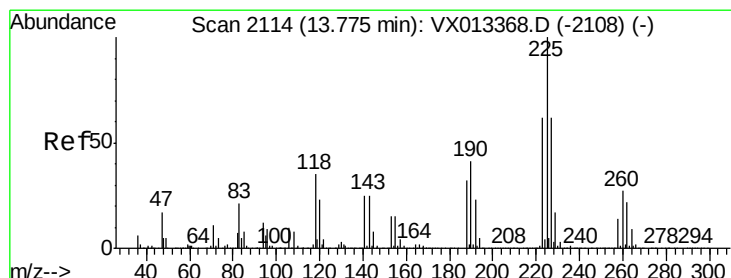
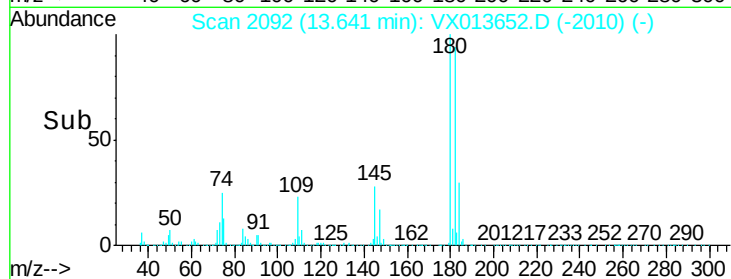
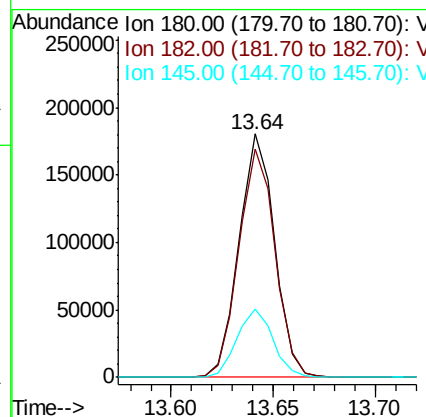
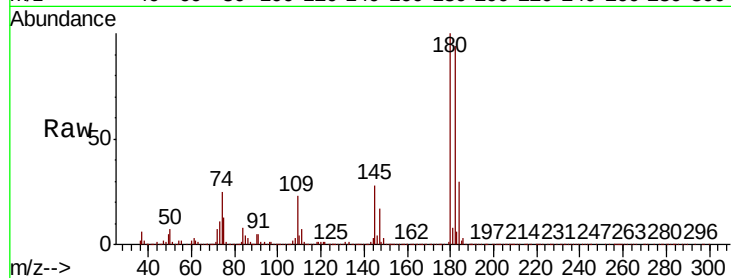
#89
 1,2,4-Trichlorobenzene
 Concen: 19.751 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218313		
182	95.1	74.7	112.1	
145	28.0	22.1	33.1	

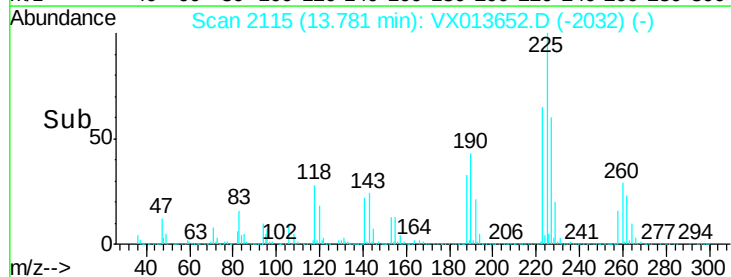
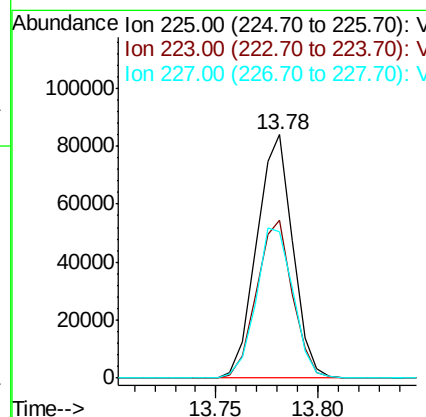
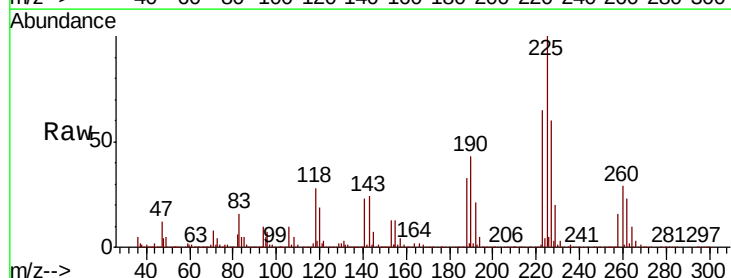
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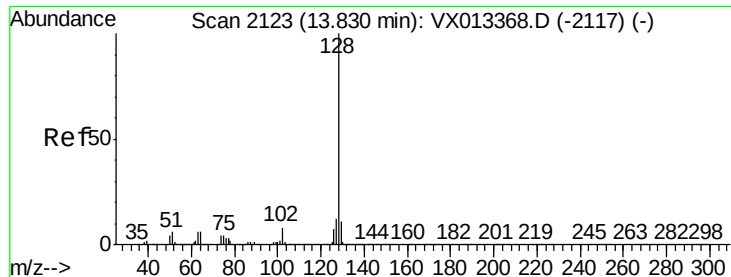
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#90
 Hexachlorobutadiene
 Concen: 19.496 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013652.D
 Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103262		
223	64.7	0.0	123.0	
227	63.8	0.0	121.8	





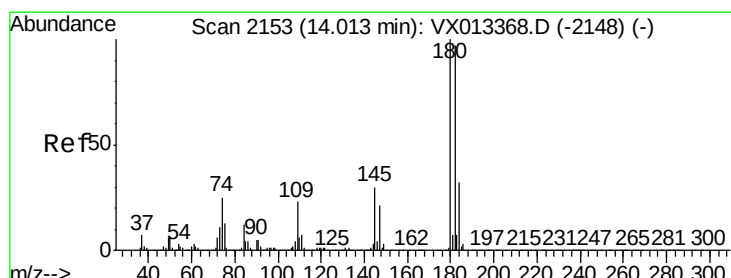
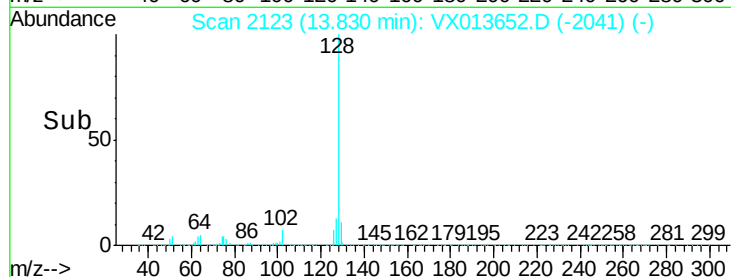
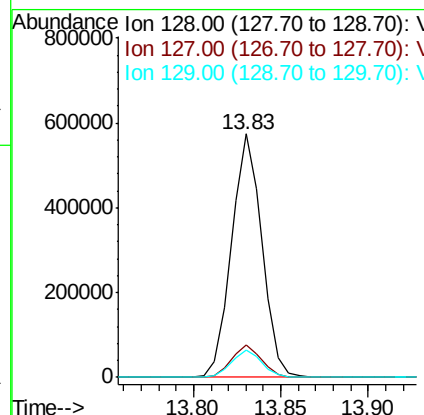
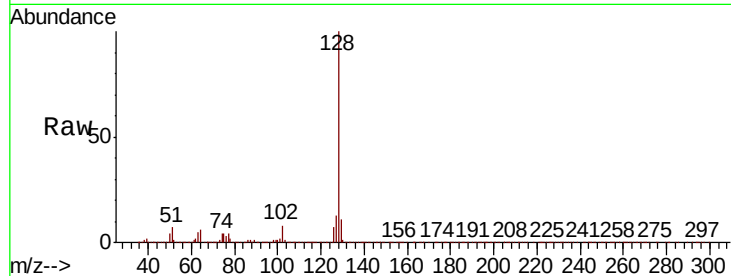
#91
Naphthalene
Concen: 19.774 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	692011		
127	13.0		10.2	15.2
129	11.1		8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 19.789 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013652.D
Acq: 27 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	221043		
182	94.9		0.0	191.0
145	29.9		0.0	59.0

