

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013915.D
 Acq On : 10 Dec 2019 22:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 12/11/2019 2:14:13 PM

Quant Time: Dec 11 06:10:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	524467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	827675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	368286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	289224	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.49	113	244217	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	911749	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
62) 4-Bromofluorobenzene	11.14	95	333799	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	264207	45.259	ug/l	99
3) Chloromethane	1.32	50	303352	46.312	ug/l	100
4) Vinyl Chloride	1.40	62	366974	49.776	ug/l	96
5) Bromomethane	1.63	94	237655	48.000	ug/l	99
6) Chloroethane	1.71	64	206287	49.171	ug/l	98
7) Trichlorofluoromethane	1.92	101	388585	47.467	ug/l	98
8) Diethyl Ether	2.18	74	187314	50.576	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242871	48.571	ug/l	99
10) Methyl Iodide	2.50	142	308771	51.047	ug/l	99
11) Tert butyl alcohol	3.04	59	333262	221.778	ug/l	99
12) 1,1-Dichloroethene	2.36	96	241038	48.293	ug/l	100
13) Acrolein	2.28	56	262326	260.768	ug/l	99
14) Allyl chloride	2.72	41	444194	49.040	ug/l	99
15) Acrylonitrile	3.13	53	800853	258.189	ug/l	99
16) Acetone	2.44	43	767487	255.347	ug/l	100
17) Carbon Disulfide	2.56	76	591732	41.588	ug/l	99
18) Methyl Acetate	2.76	43	465212	55.583	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	847878	51.279	ug/l	97
20) Methylene Chloride	2.84	84	289415	50.120	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	259366	47.701	ug/l	99
22) Diisopropyl ether	3.84	45	922953	52.918	ug/l	98
23) Vinyl Acetate	3.80	43	3712660	255.884	ug/l	99
24) 1,1-Dichloroethane	3.69	63	494809	51.897	ug/l	99
25) 2-Butanone	4.66	43	1153651	258.262	ug/l	99
26) 2,2-Dichloropropane	4.57	77	339864	43.083	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	308189	49.356	ug/l	98
28) Bromochloromethane	5.01	49	215370	57.163	ug/l	99
29) Tetrahydrofuran	5.11	42	720293	261.567	ug/l	99
30) Chloroform	5.20	83	485218	50.181	ug/l	97
31) Cyclohexane	5.57	56	417289	46.402	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	406338	50.287	ug/l	100
36) 1,1-Dichloropropene	5.79	75	353250	47.017	ug/l	99
37) Ethyl Acetate	4.82	43	427790	50.754	ug/l	99
38) Carbon Tetrachloride	5.78	117	337448	48.709	ug/l	98

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Quant Time: Dec 11 06:10:23 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415444	44.734	ug/l	99
40) Benzene	6.14	78	1113854	48.677	ug/l	98
41) Methacrylonitrile	5.03	41	241985	52.350	ug/l	99
42) 1,2-Dichloroethane	6.18	62	387596	49.667	ug/l	100
43) Isopropyl Acetate	6.43	43	694222	50.029	ug/l	99
44) Trichloroethene	7.21	130	296186	47.163	ug/l	99
45) 1,2-Dichloropropane	7.51	63	295505	51.615	ug/l	99
46) Dibromomethane	7.65	93	188251	48.413	ug/l	98
47) Bromodichloromethane	7.89	83	372230	50.637	ug/l	98
48) Methyl methacrylate	7.76	41	348745	51.726	ug/l	100
49) 1,4-Dioxane	7.73	88	129979	861.271	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2243690	257.053	ug/l	100
52) Toluene	8.78	92	693647	48.795	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	406315	48.561	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	452370	49.487	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	295773	51.630	ug/l	98
56) Ethyl methacrylate	9.17	69	469720	51.000	ug/l	100
57) 1,3-Dichloropropane	9.37	76	493416	49.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	880310	243.779	ug/l	99
59) 2-Hexanone	9.49	43	1726482	253.612	ug/l	99
60) Dibromochloromethane	9.58	129	306707	51.589	ug/l	99
61) 1,2-Dibromoethane	9.67	107	303699	49.637	ug/l	98
64) Tetrachloroethene	9.33	164	293428	52.427	ug/l	99
65) Chlorobenzene	10.14	112	752129	48.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	280170	50.071	ug/l	99
67) Ethyl Benzene	10.25	91	1322810	49.402	ug/l	100
68) m/p-Xylenes	10.35	106	1006335	98.165	ug/l	99
69) o-Xylene	10.70	106	490458	49.054	ug/l	98
70) Styrene	10.71	104	843007	50.123	ug/l	100
71) Bromoform	10.85	173	236587	51.101	ug/l #	100
73) Isopropylbenzene	11.01	105	1294458	50.107	ug/l	100
74) N-amyl acetate	10.89	43	608651	51.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	463216	51.704	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	429435m	51.843	ug/l	
77) Bromobenzene	11.25	156	343101	49.161	ug/l	99
78) n-propylbenzene	11.35	91	1456098	50.491	ug/l	100
79) 2-Chlorotoluene	11.42	91	873543	50.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1081966	51.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	140202	46.306	ug/l	98
82) 4-Chlorotoluene	11.51	91	994486	49.634	ug/l	99
83) tert-Butylbenzene	11.76	119	1074805	49.949	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1088335	50.647	ug/l	100
85) sec-Butylbenzene	11.94	105	1250560	50.880	ug/l	100
86) p-Isopropyltoluene	12.06	119	1144254	50.043	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	589843	48.484	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	591556	47.739	ug/l	99
89) n-Butylbenzene	12.39	91	969111	49.693	ug/l	100
90) Hexachloroethane	12.59	117	205808	49.797	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	599629	49.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	99217	50.855	ug/l	98

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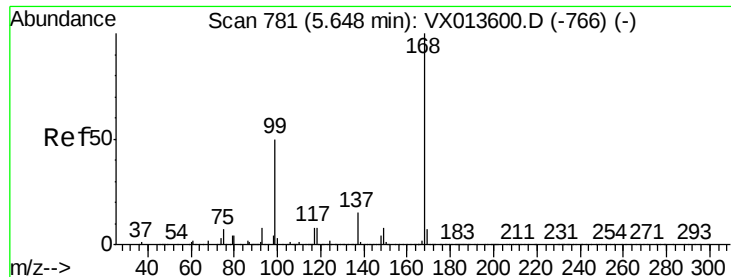
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	400993	47.867	ug/l	98
94) Hexachlorobutadiene	13.78	225	184051	45.736	ug/l	99
95) Naphthalene	13.83	128	1269176	50.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	406221	48.975	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 524467

Ion Ratio Lower Upper

168 100

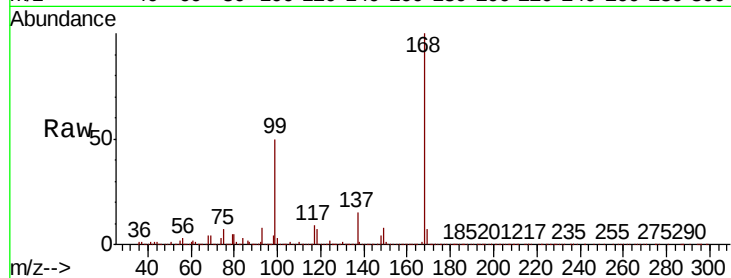
99 49.6 39.8 59.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

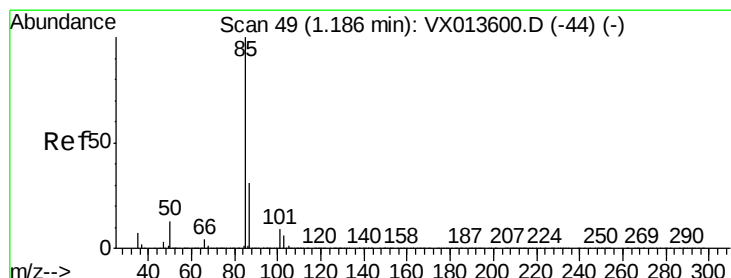
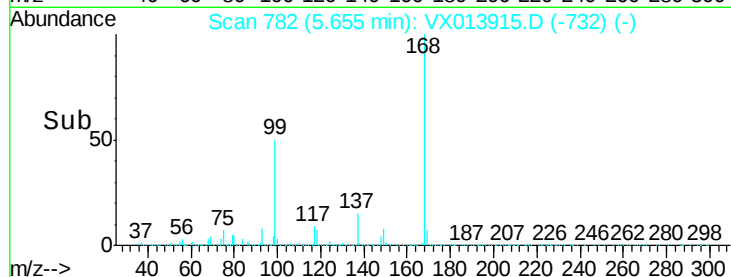
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.259 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013915.D

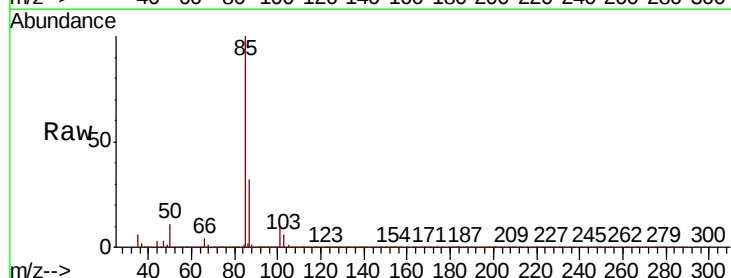
Acq: 10 Dec 2019 22:13

Tgt Ion: 85 Resp: 264207

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

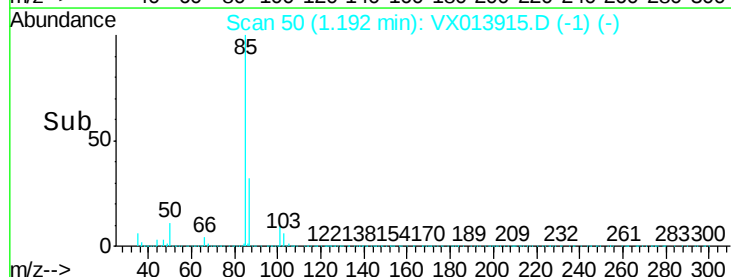
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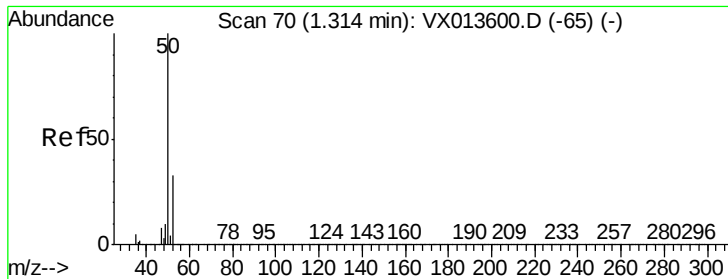
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50000

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Time-->





#3

Chloromethane

Concen: 46.312 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 303352

Ion Ratio Lower Upper

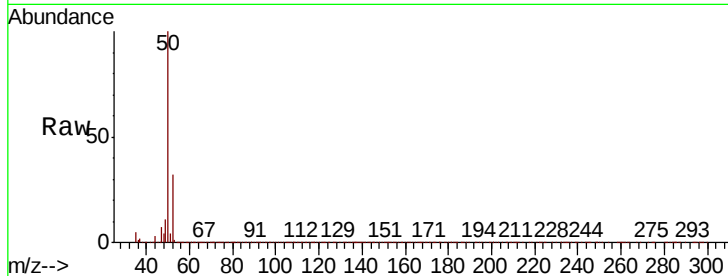
50 100

52 32.4 26.0 39.0

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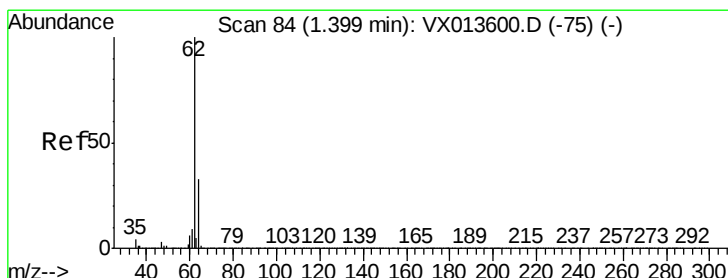
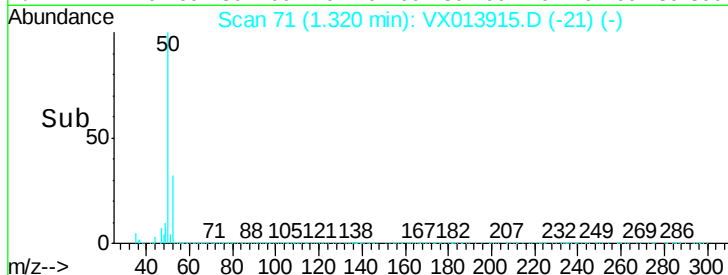
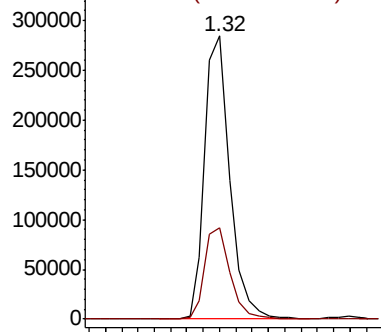
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.776 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013915.D

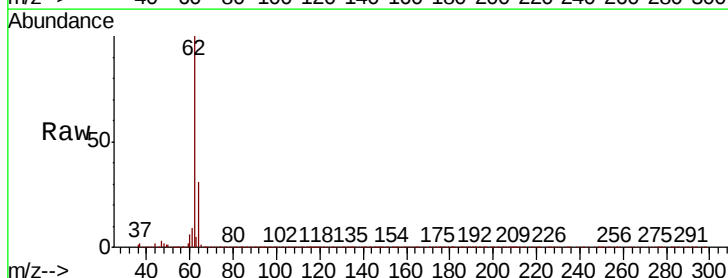
Acq: 10 Dec 2019 22:13

Tgt Ion: 62 Resp: 366974

Ion Ratio Lower Upper

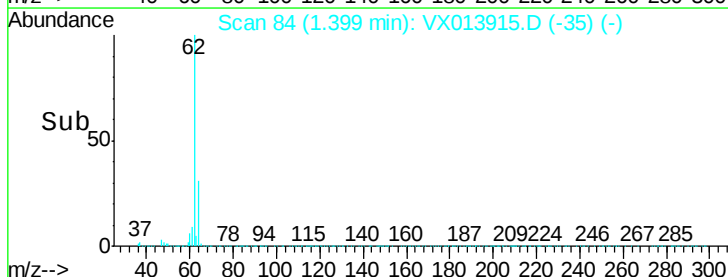
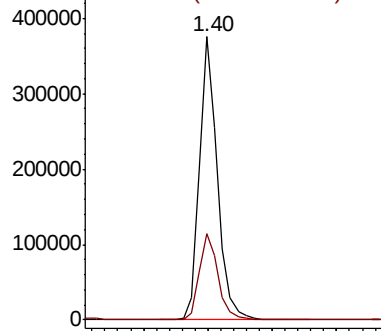
62 100

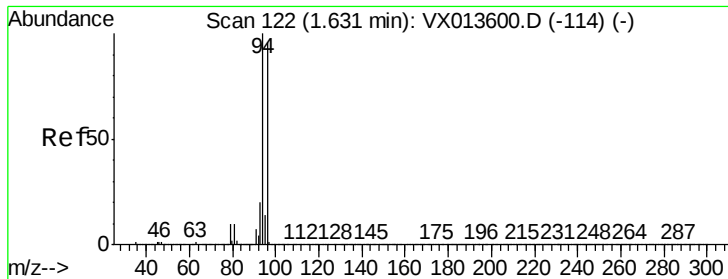
64 30.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.000 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 237655

Ion Ratio Lower Upper

94 100

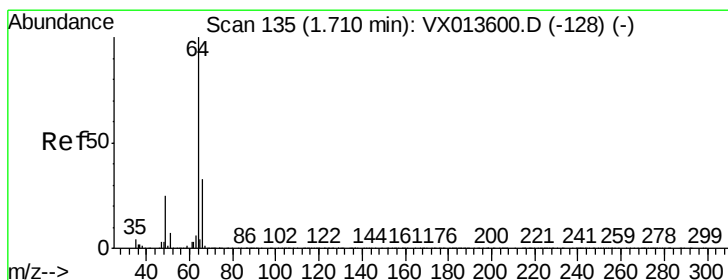
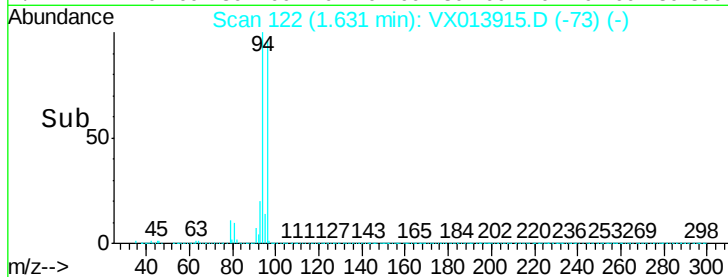
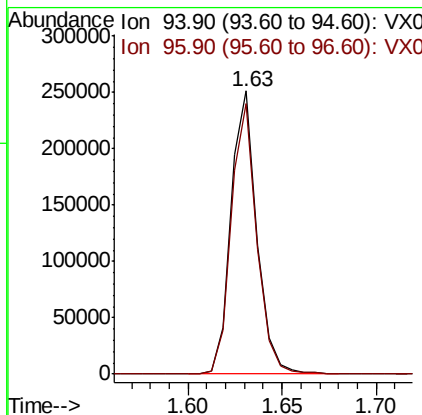
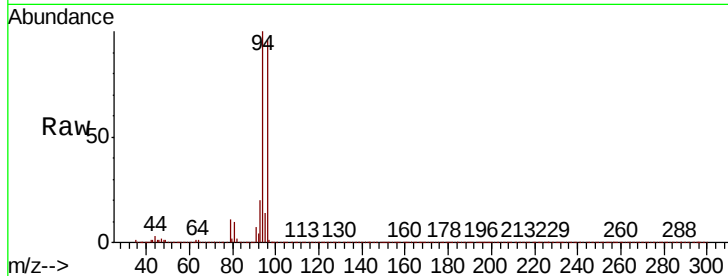
96 95.7 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 49.171 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013915.D

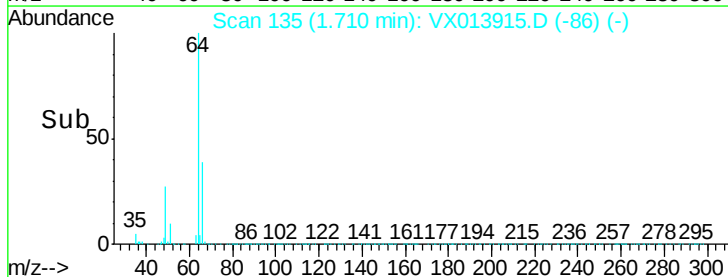
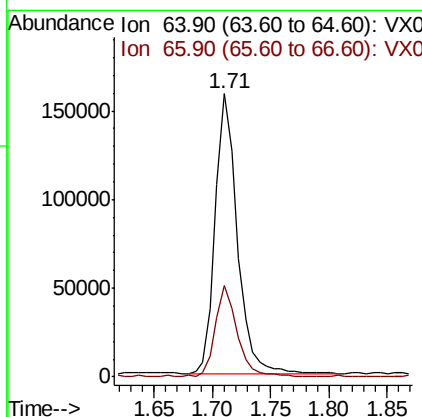
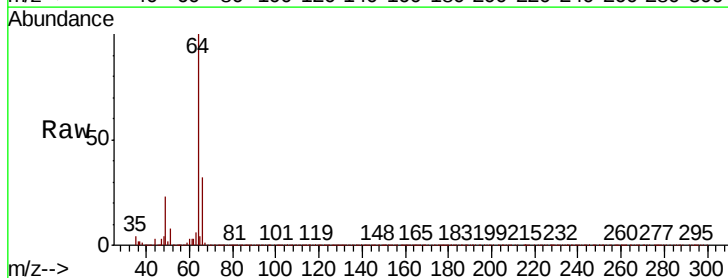
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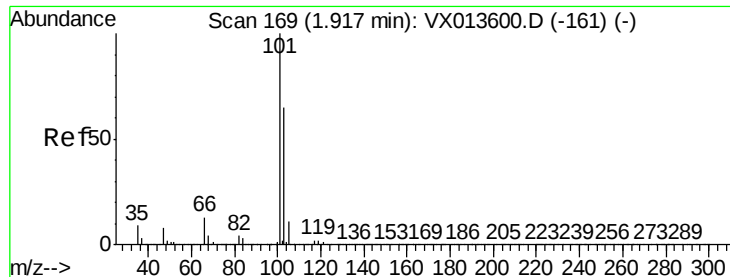
Tgt Ion: 64 Resp: 206287

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1





#7

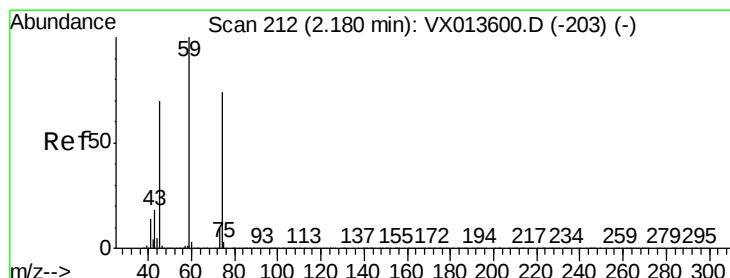
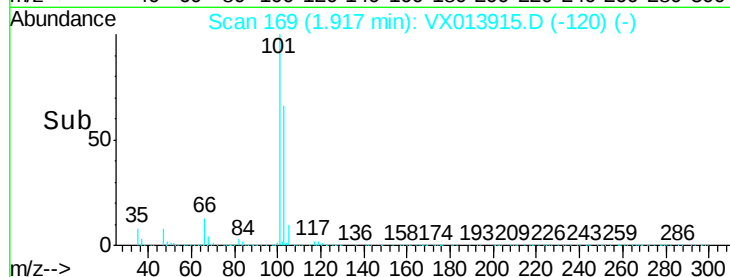
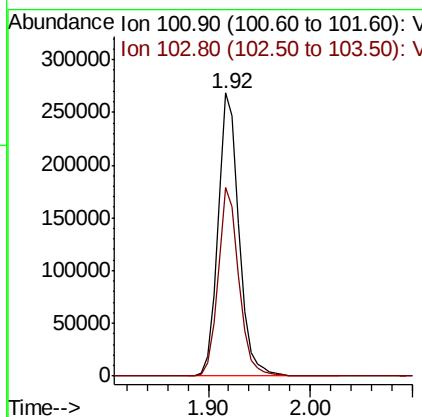
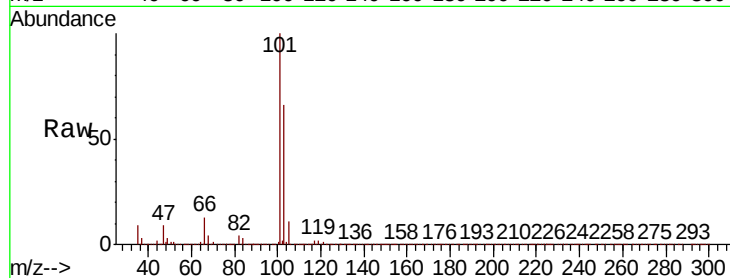
Trichlorofluoromethane
Concen: 47.467 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	388585		
103	66.4	51.8	77.6	

Manual Integrations
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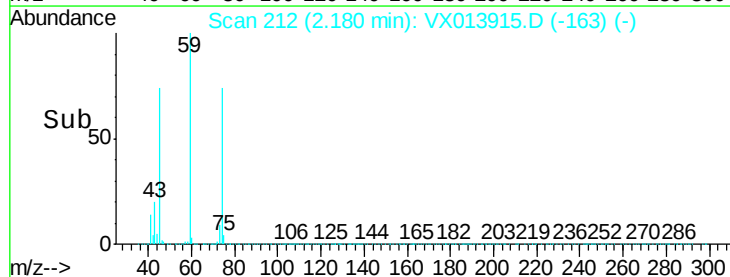
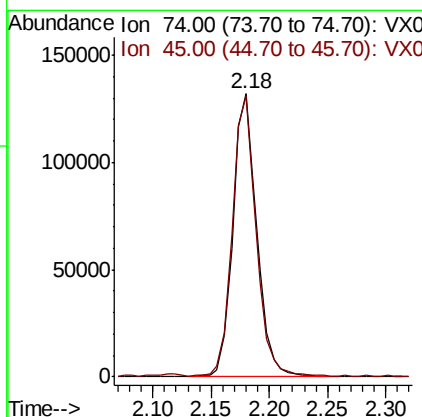
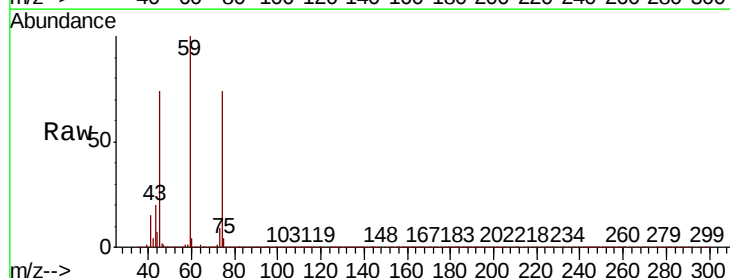
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12/11/2019 2:14:13 PM

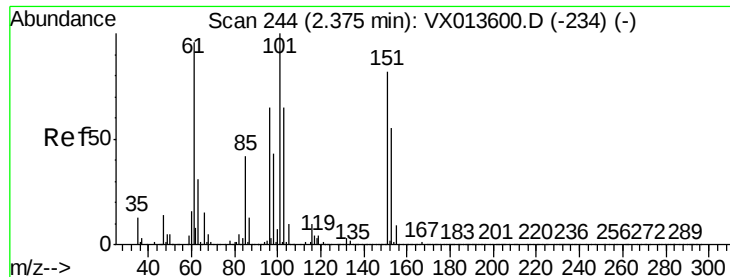


#8

Diethyl Ether
Concen: 50.576 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	187314		
45	98.6	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.571 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

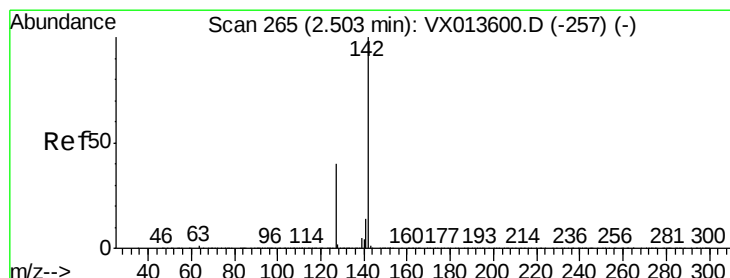
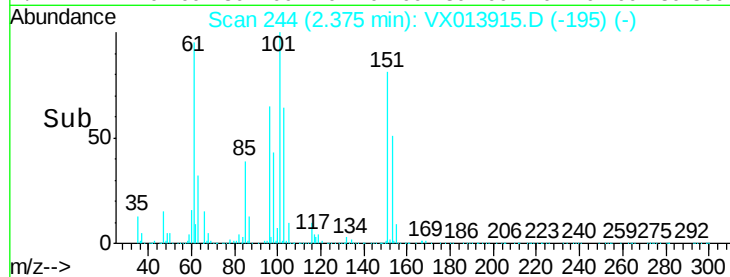
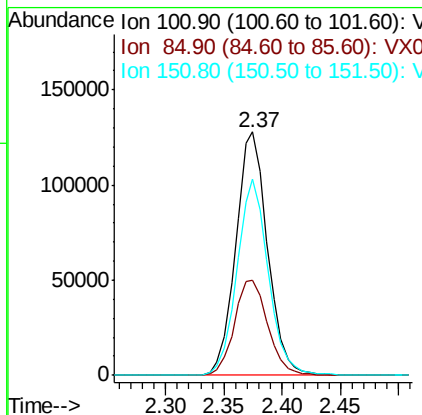
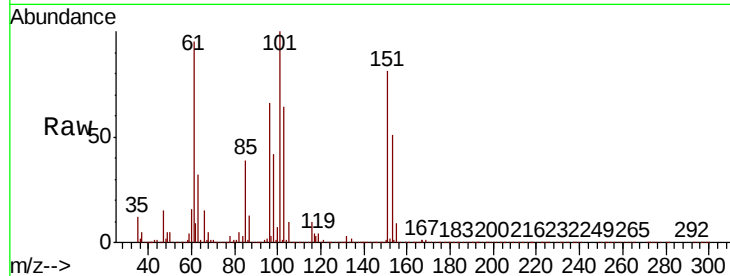
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	242871
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.9	50.9
151	79.5	64.2	96.2

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#10

Methyl Iodide

Concen: 51.047 ug/l

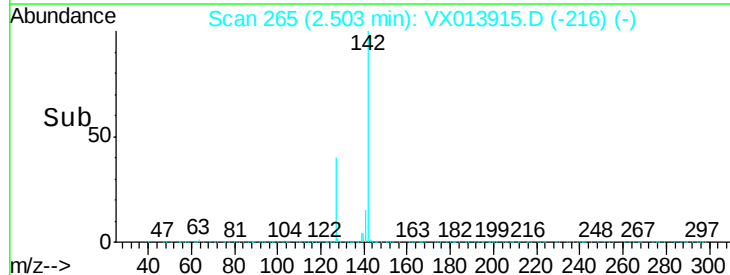
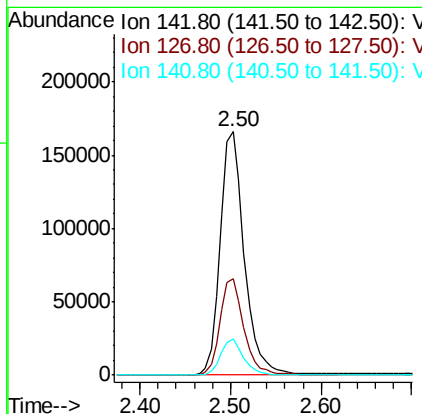
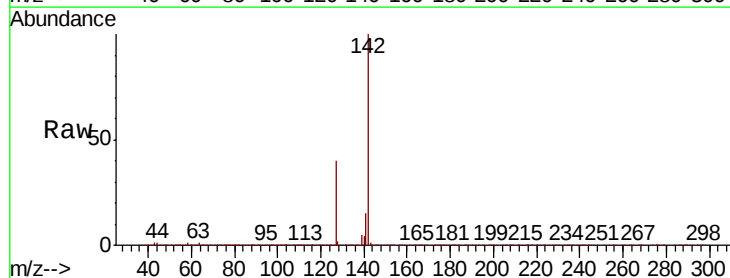
RT: 2.50 min Scan# 265

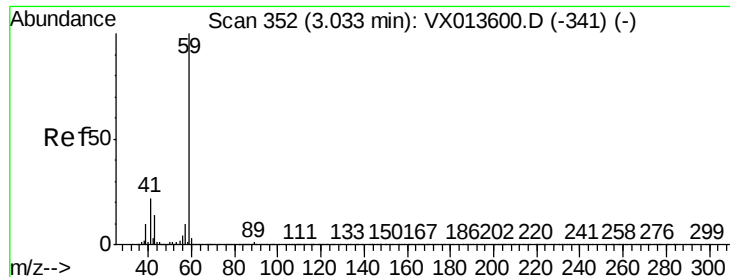
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	142	Resp:	308771
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.0	46.4
141	14.1	11.6	17.4





#11

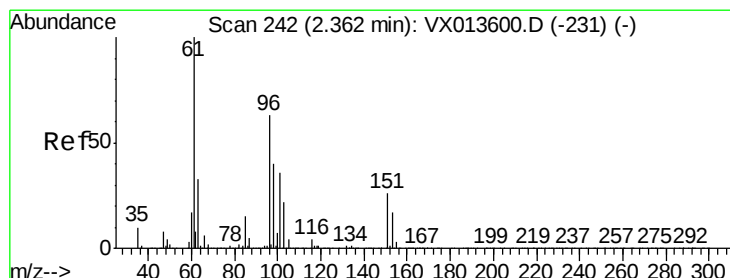
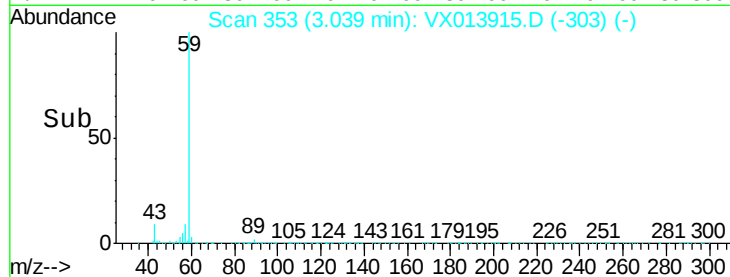
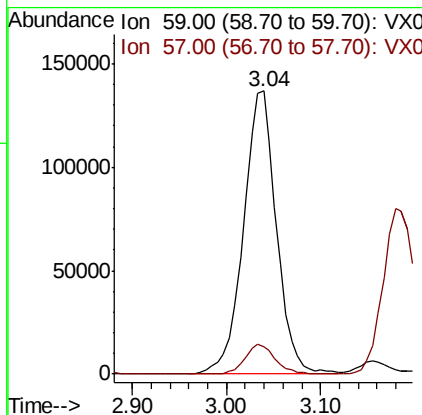
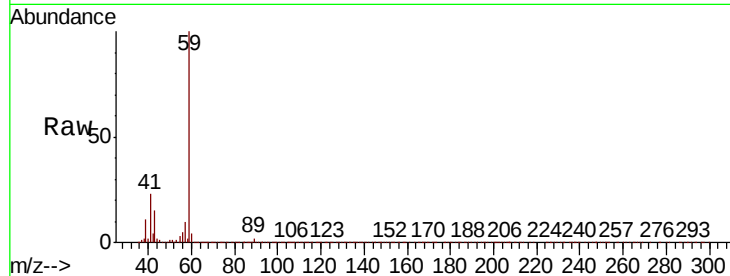
Tert butyl alcohol
Concen: 221.778 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

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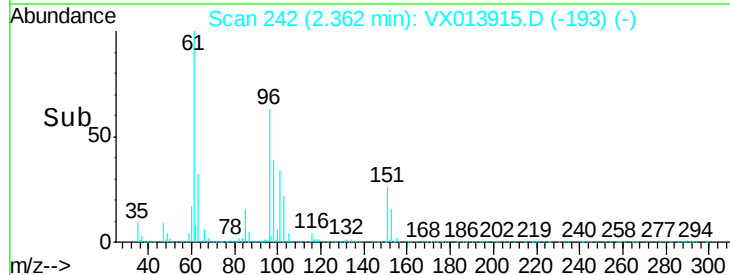
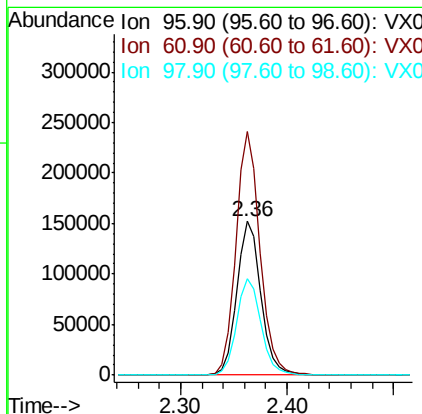
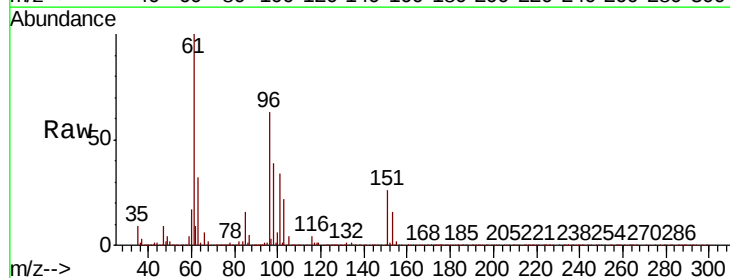
apatel
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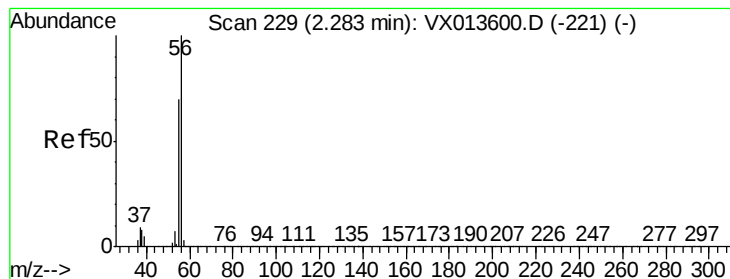


#12

1,1-Dichloroethene
Concen: 48.293 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	126.6	190.0
98	62.3	50.6	76.0





#13

Acrolein

Concen: 260.768 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 262326

Ion Ratio Lower Upper

56 100

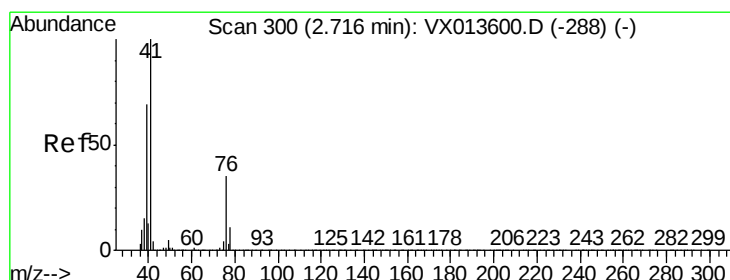
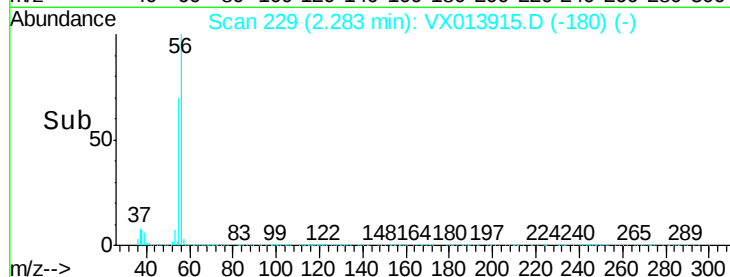
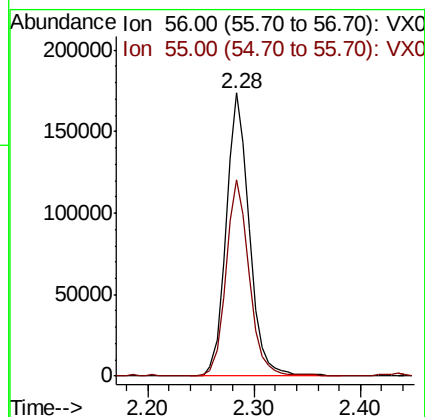
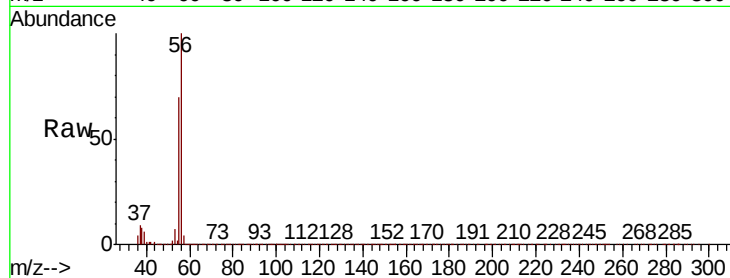
55 69.4 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 49.040 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

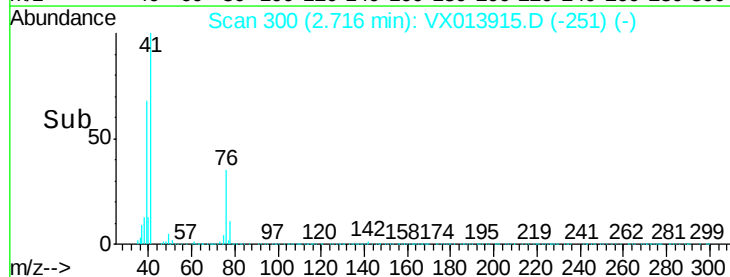
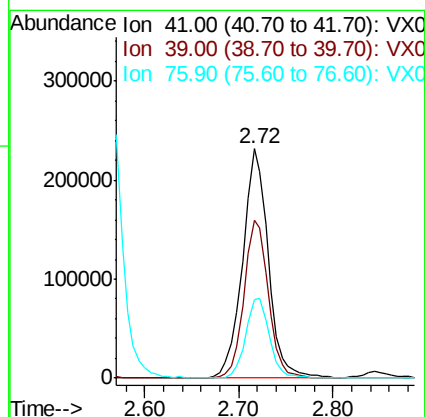
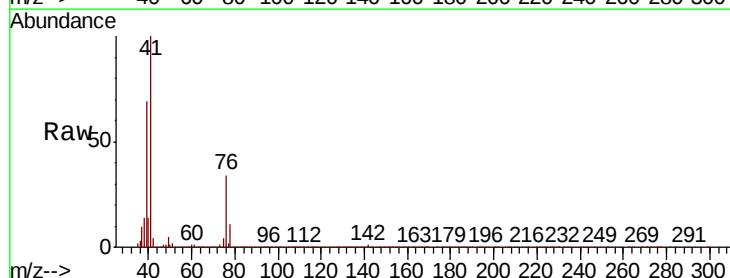
Tgt Ion: 41 Resp: 444194

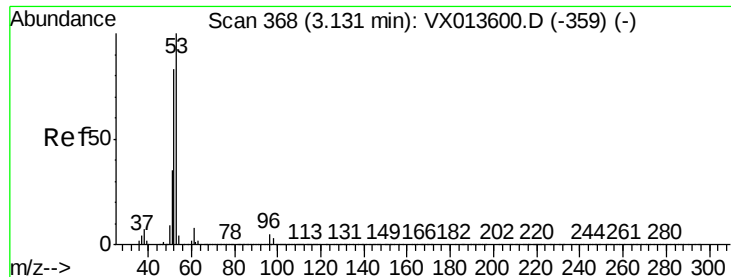
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 258.189 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

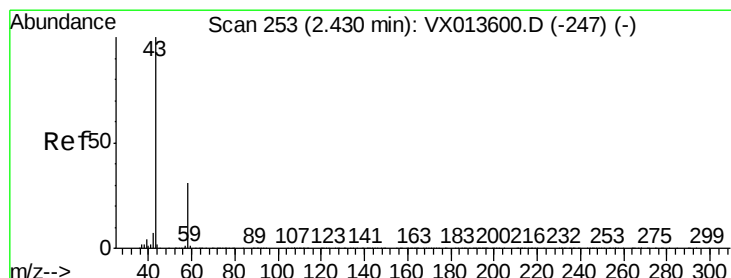
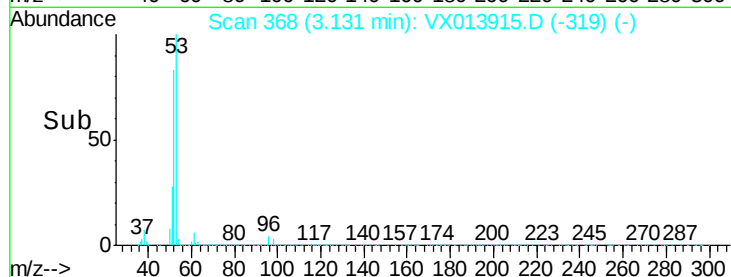
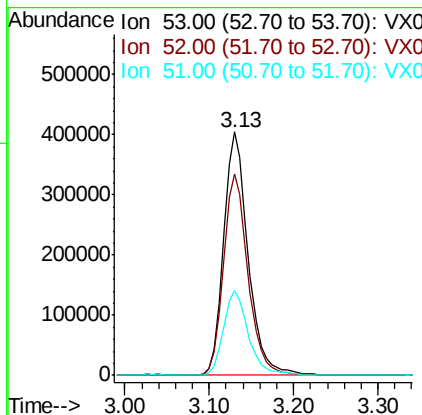
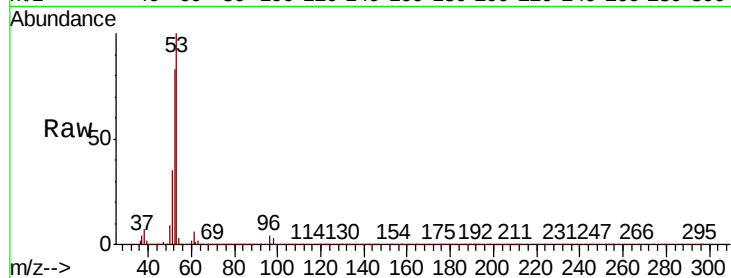
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	800853
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.2	99.2
51	35.6	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 255.347 ug/l

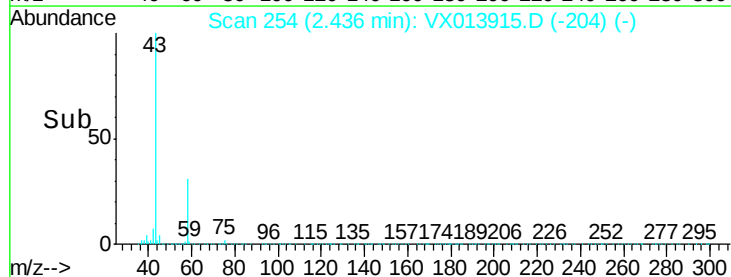
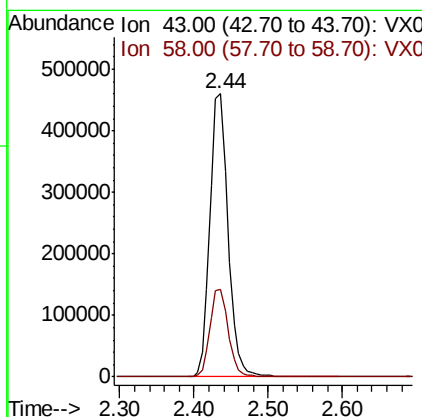
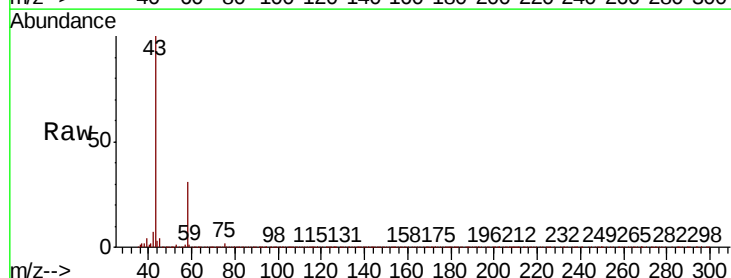
RT: 2.44 min Scan# 254

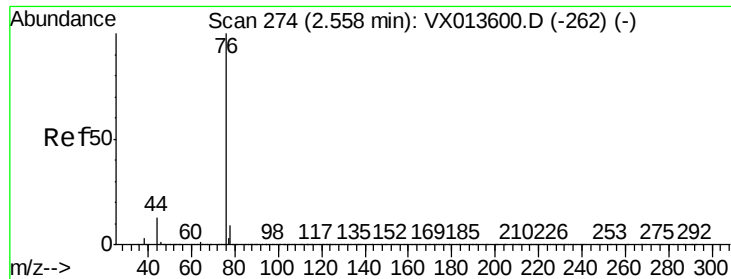
Delta R.T. 0.01 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	43	Resp:	767487
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.6	36.8





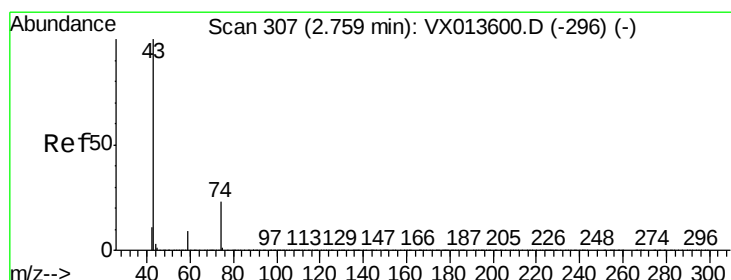
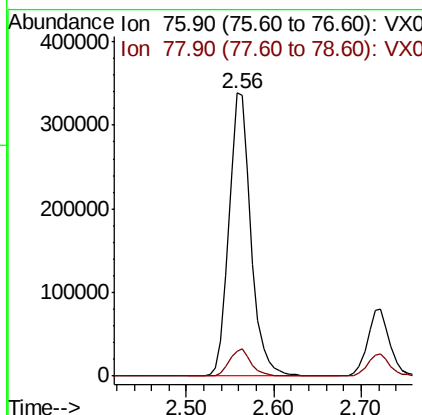
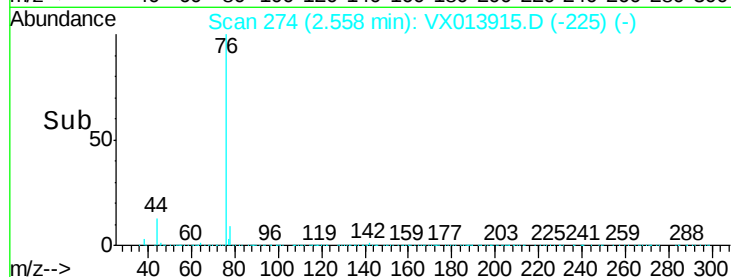
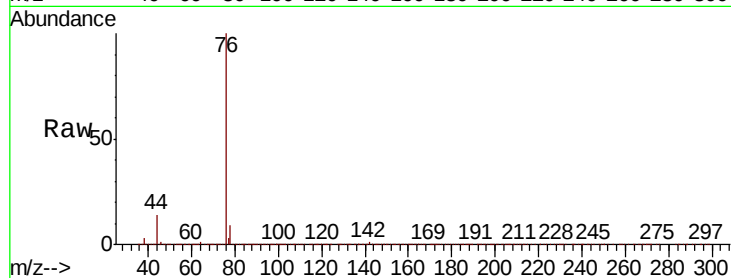
#17
Carbon Disulfide
Concen: 41.588 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

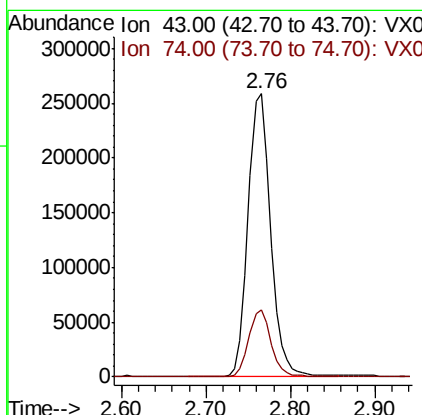
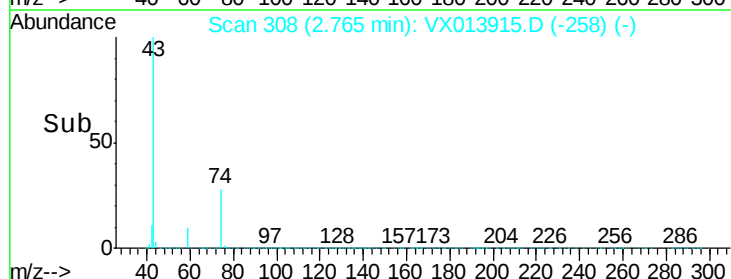
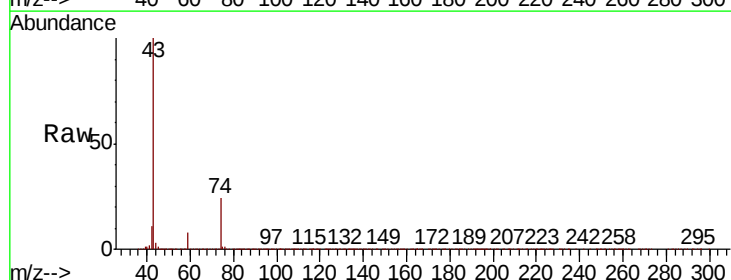
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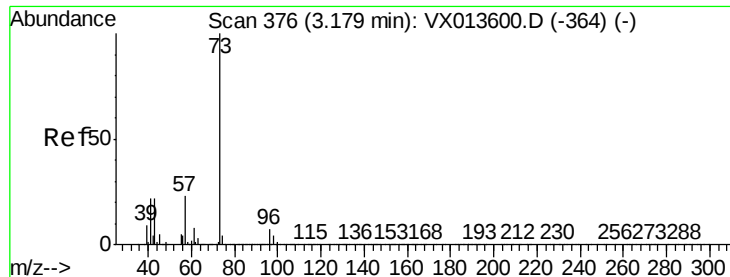
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#18
Methyl Acetate
Concen: 55.583 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





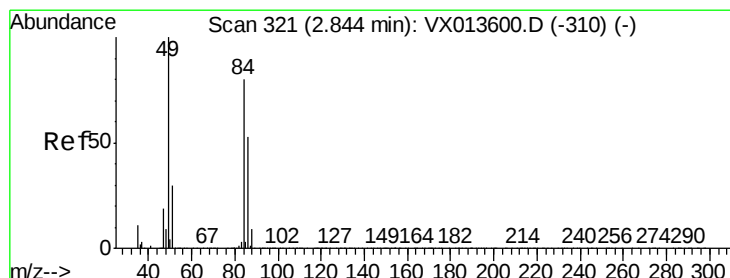
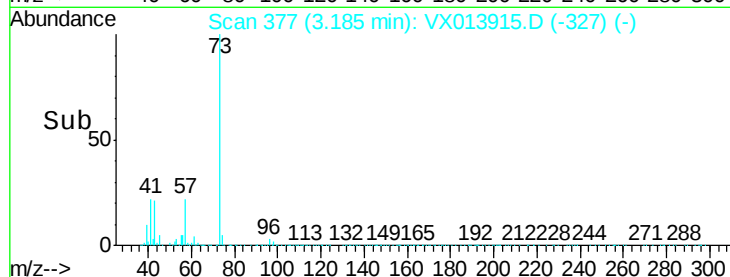
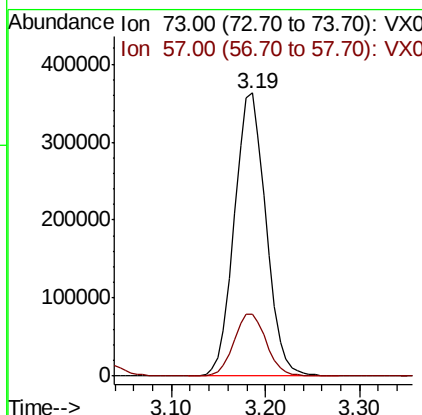
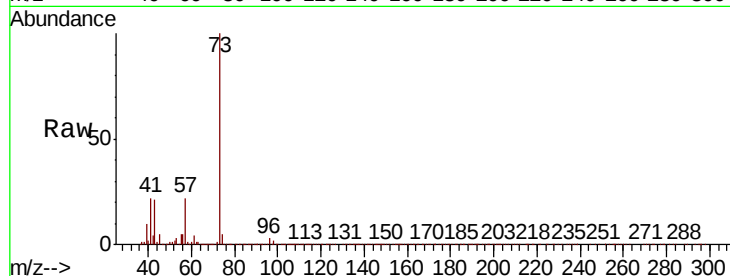
#19
Methvl tert-butvl Ether
Concen: 51.279 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.3	27.5

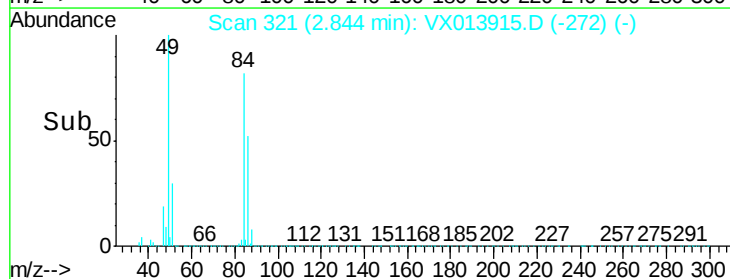
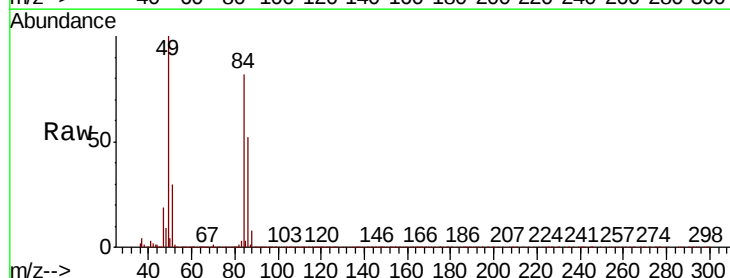
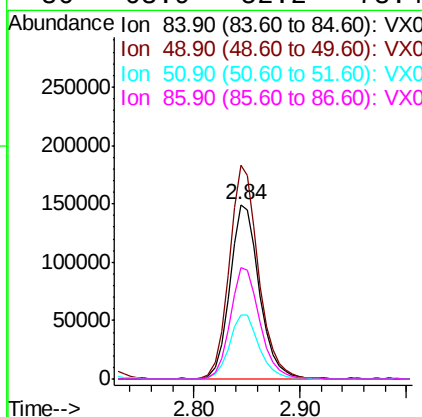
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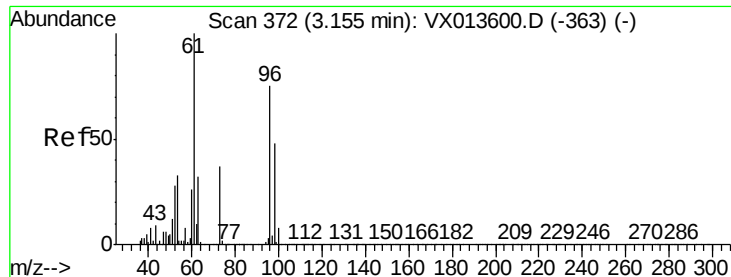
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#20
Methylene Chloride
Concen: 50.120 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.7	149.5
51	36.5	29.9	44.9
86	63.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 47.701 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

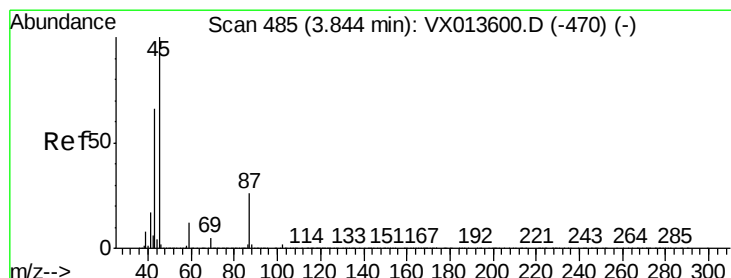
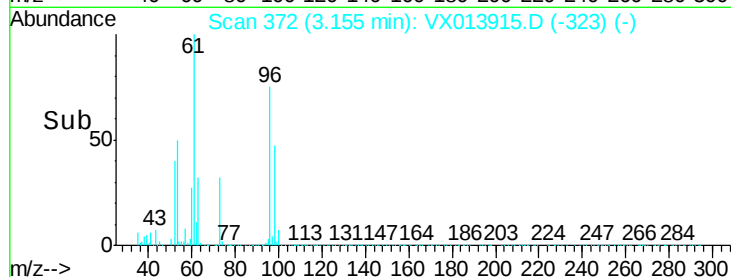
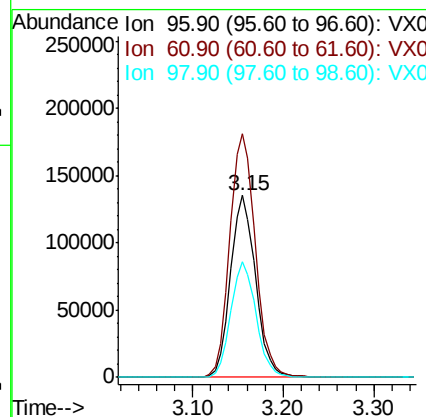
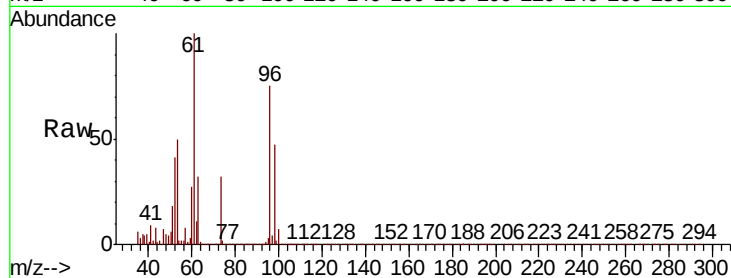
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	259366
Ion	Ratio	Lower	Upper
96	100		
61	133.7	107.2	160.8
98	63.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.918 ug/l

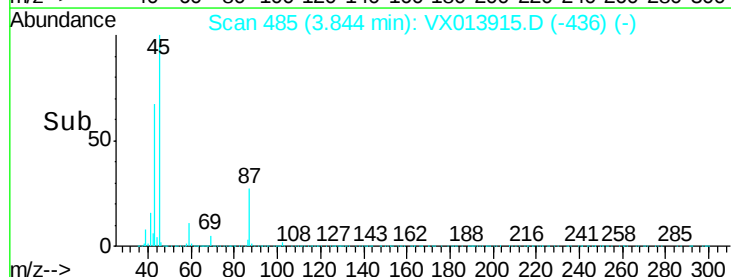
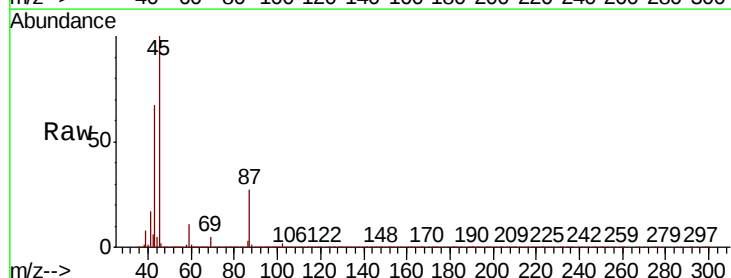
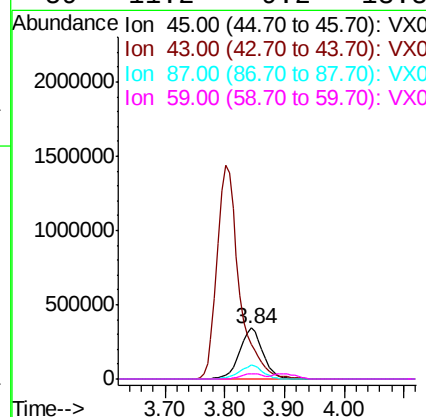
RT: 3.84 min Scan# 485

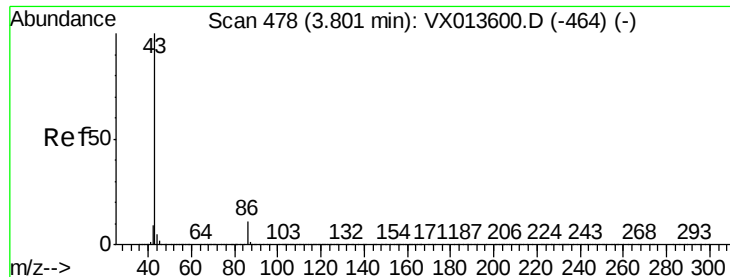
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	45	Resp:	922953
Ion	Ratio	Lower	Upper
45	100		
43	67.2	52.6	79.0
87	27.2	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 255.884 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3712660

Ion Ratio Lower Upper

43 100

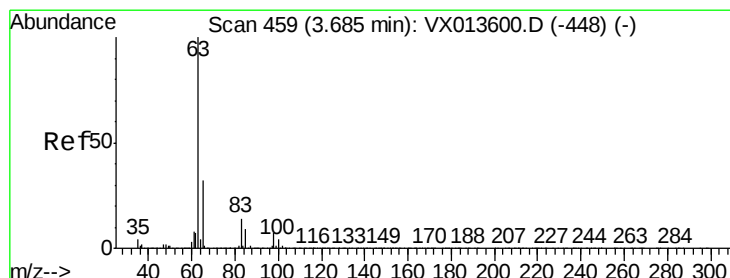
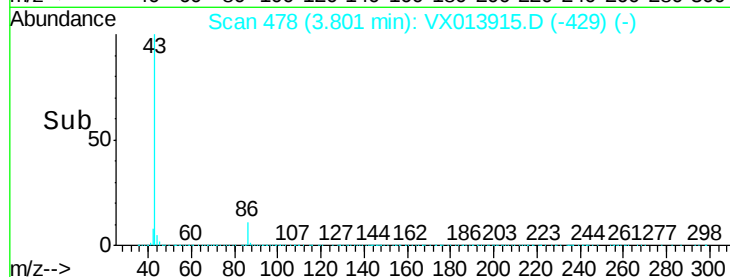
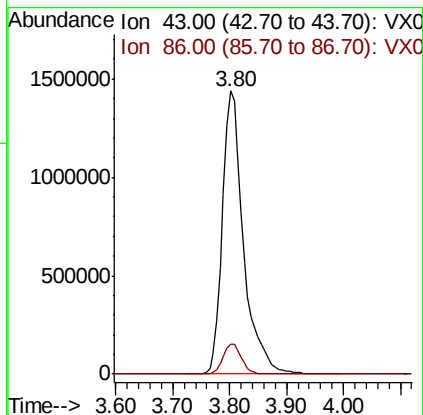
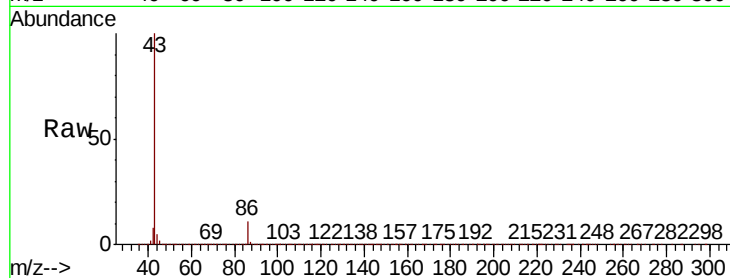
86 10.5 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 51.897 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

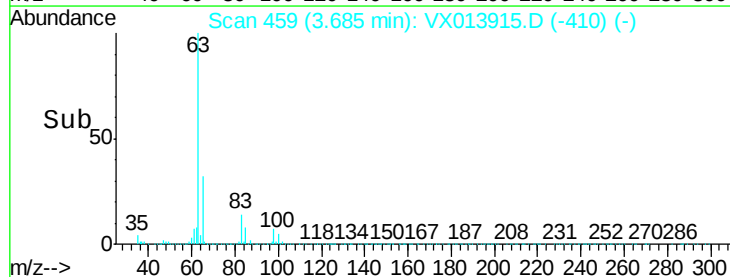
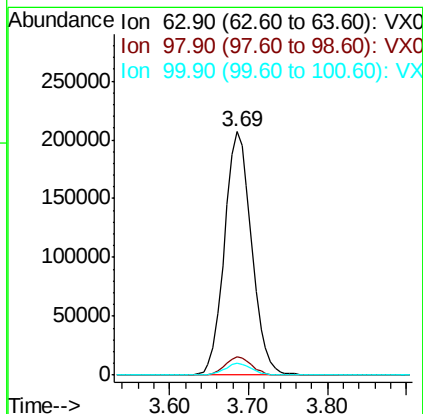
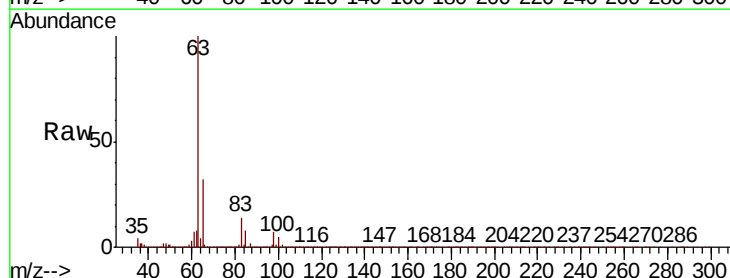
Tgt Ion: 63 Resp: 494809

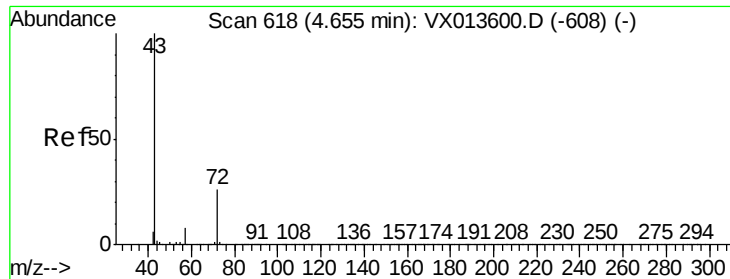
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 258.262 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1153651

Ion Ratio Lower Upper

43 100

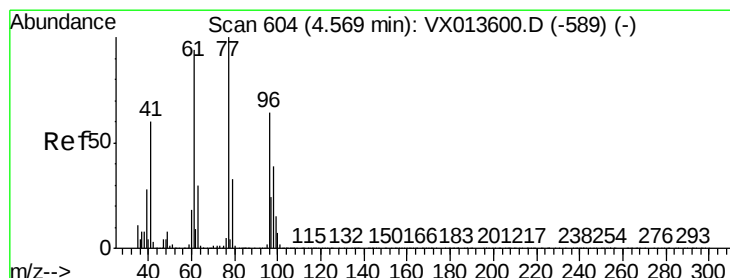
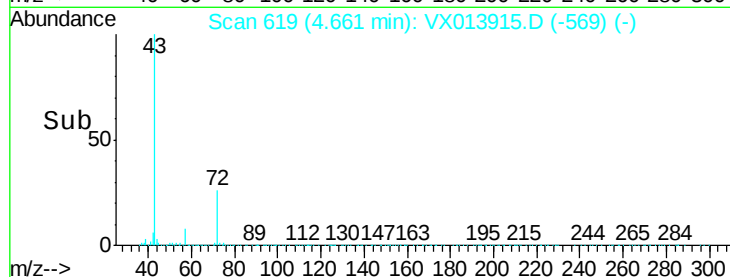
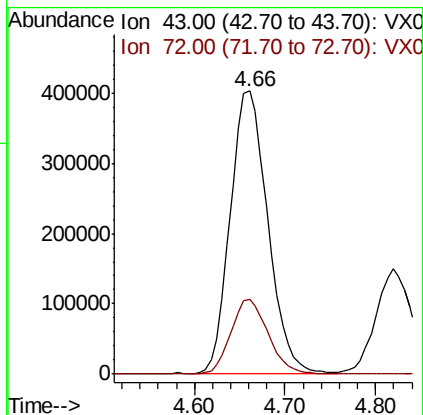
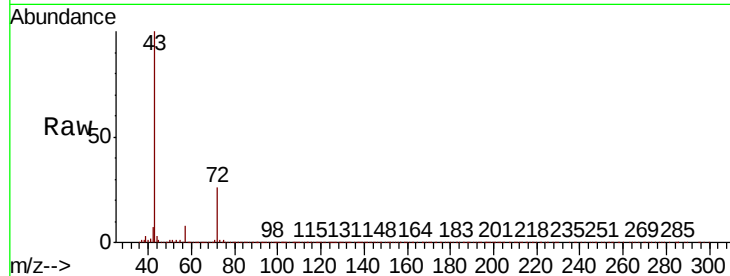
72 26.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 43.083 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013915.D

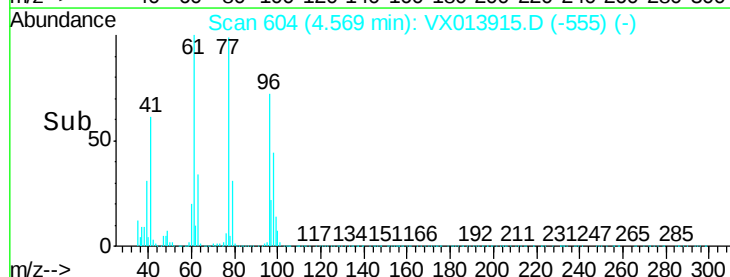
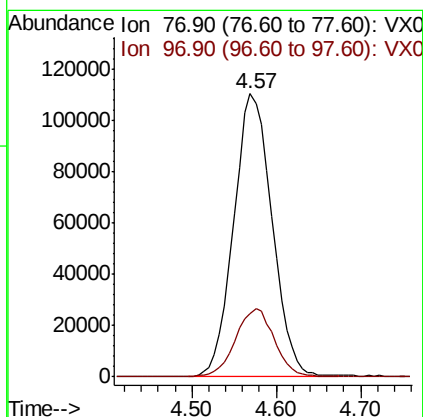
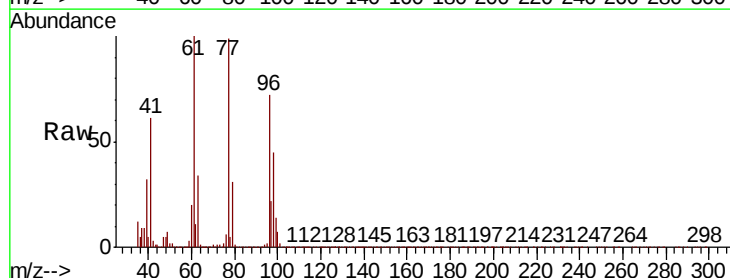
Acq: 10 Dec 2019 22:13

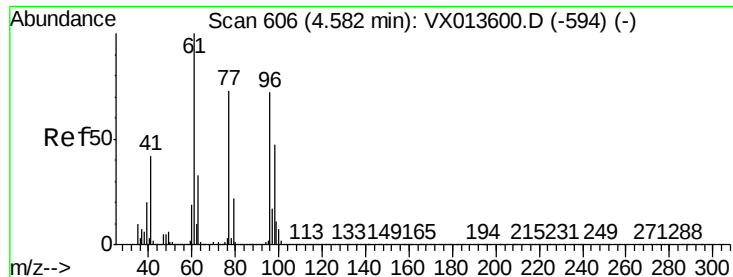
Tgt Ion: 77 Resp: 339864

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

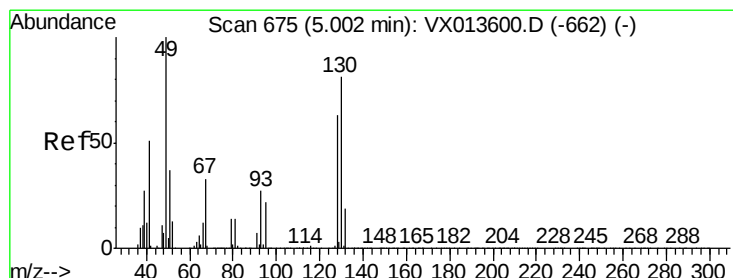
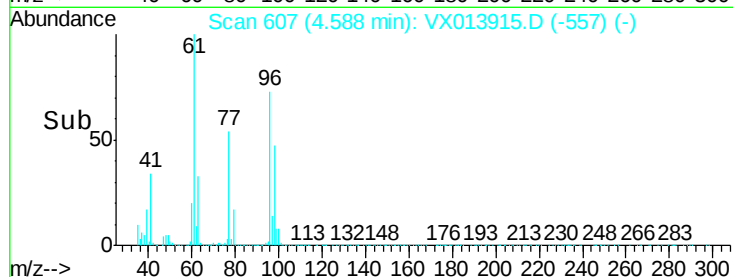
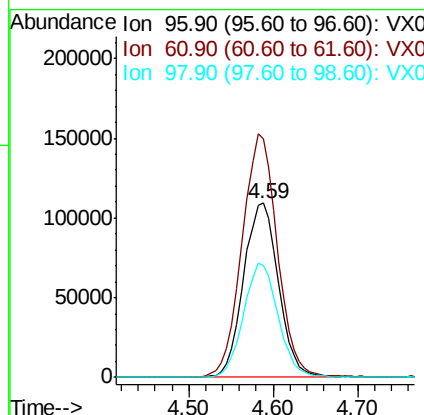
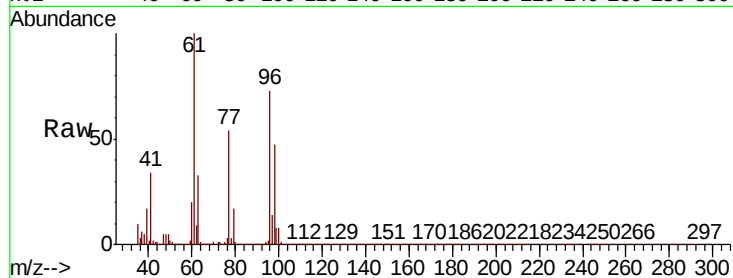
cis-1,2-Dichloroethene
Concen: 49.356 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.3	0.0	286.4	
98	64.9	0.0	127.4	

Manual Integrations
APPROVED

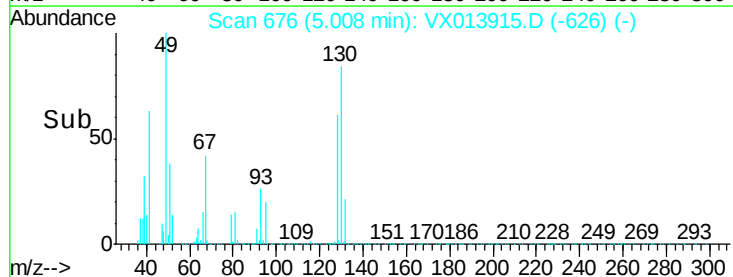
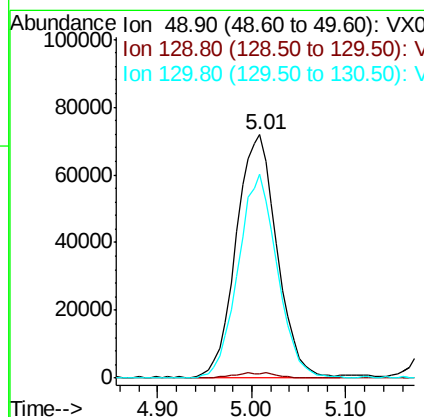
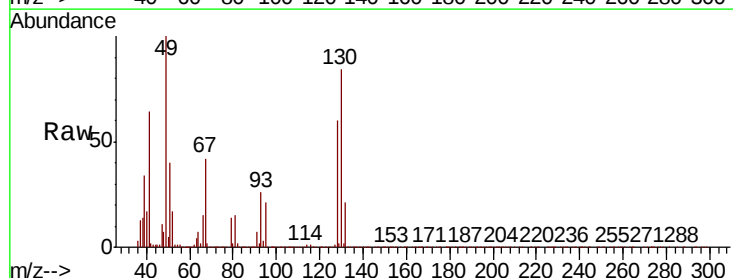
apatel
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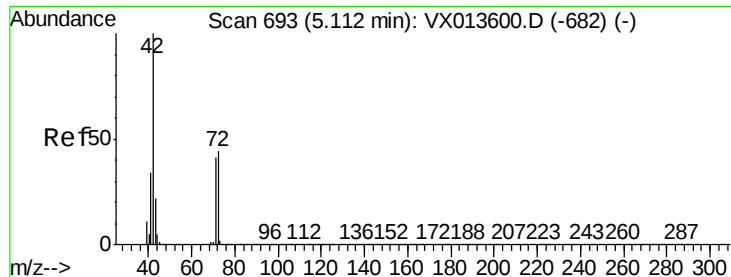


#28

Bromochloromethane
Concen: 57.163 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	5.0	
130	80.9	65.4	98.0	





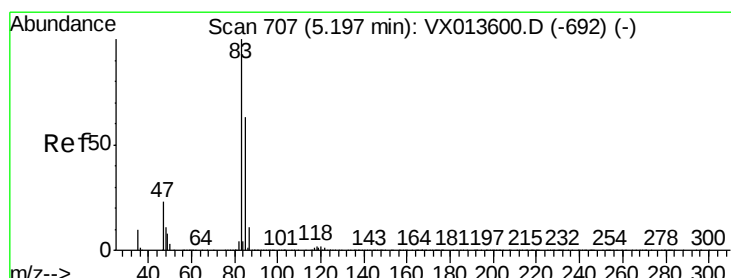
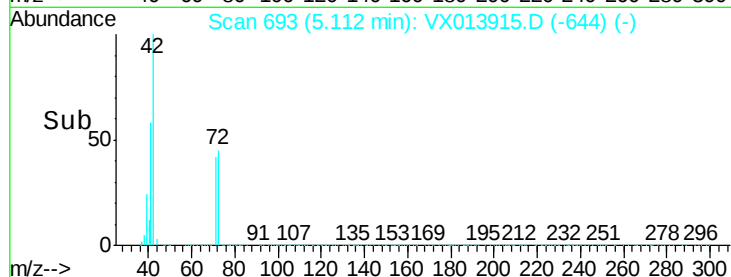
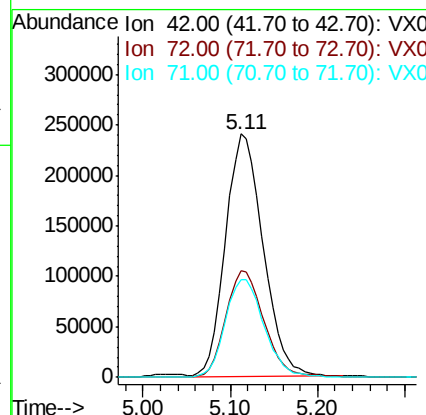
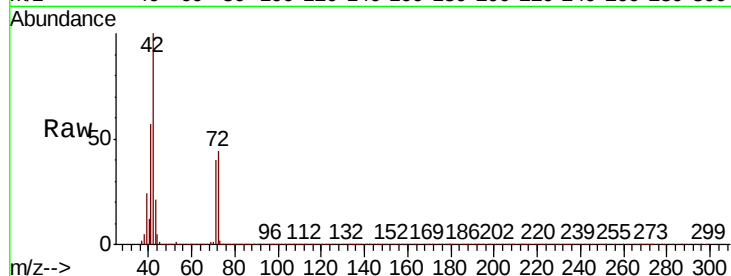
#29
Tetrahydrofuran
Concen: 261.567 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.4	33.2	49.8

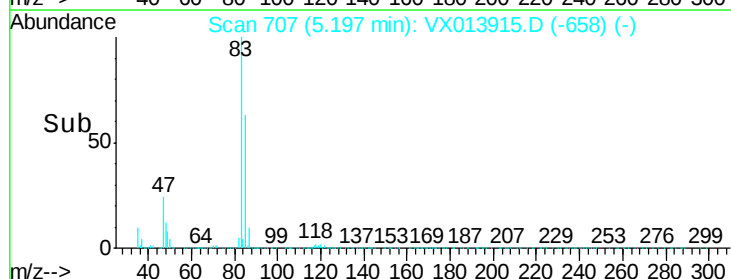
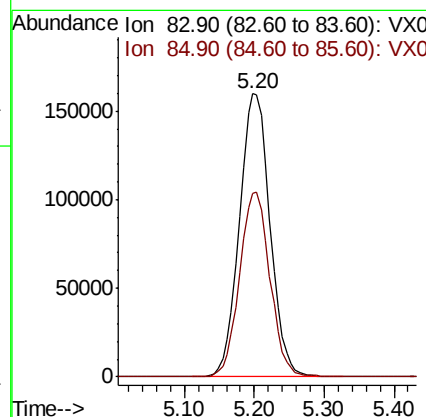
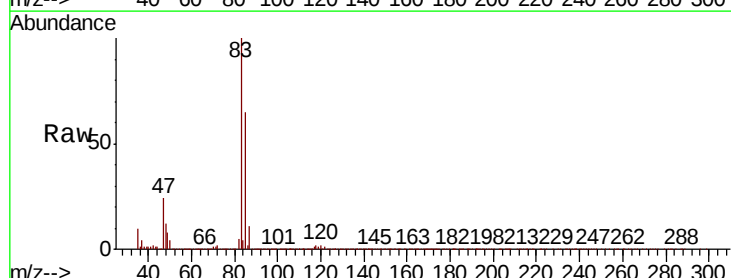
Manual Integrations
APPROVED

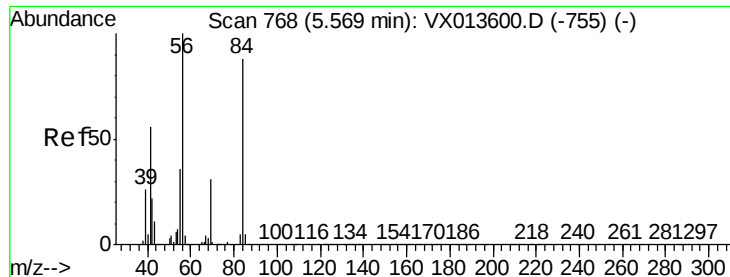
apatel
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#30
Chloroform
Concen: 50.181 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4





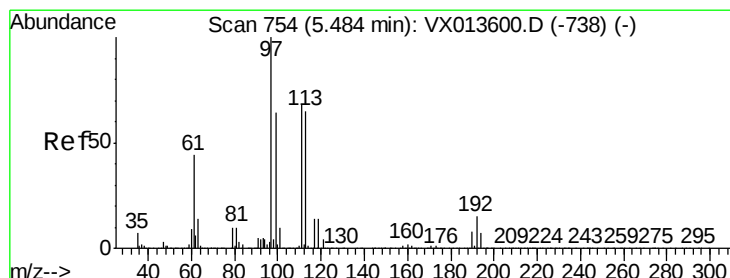
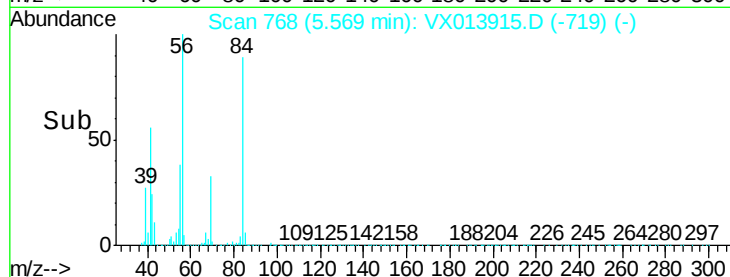
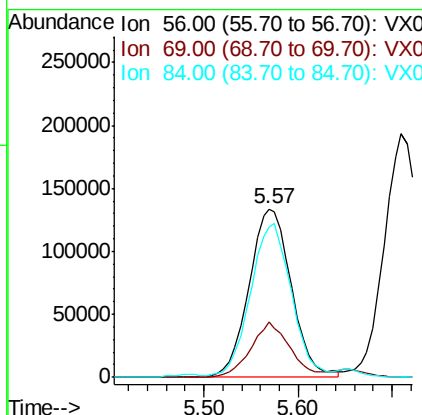
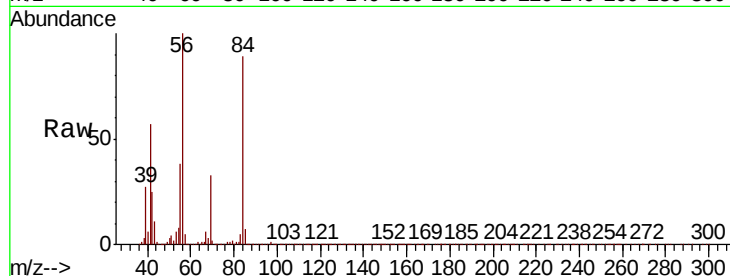
#31
Cyclohexane
Concen: 46.402 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.6	36.8
84	87.6	70.0	105.0

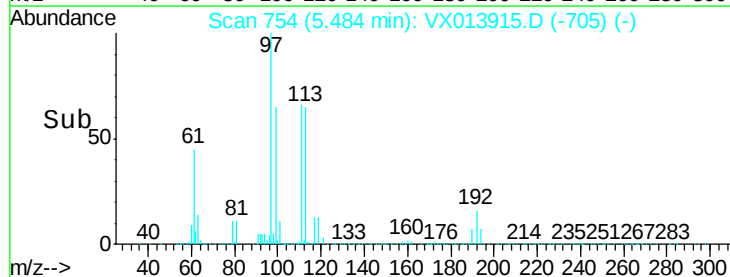
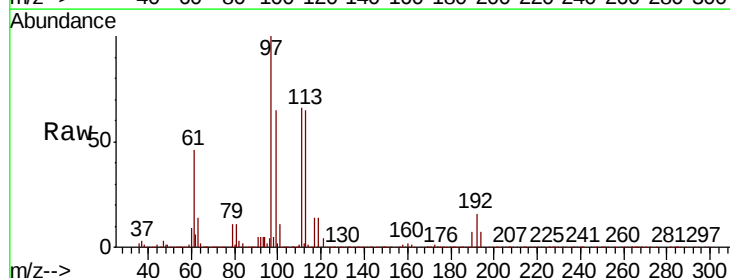
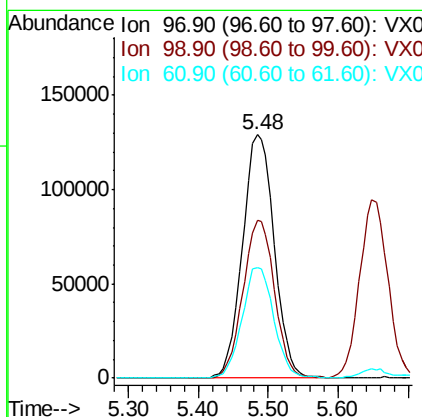
Manual Integrations
APPROVED

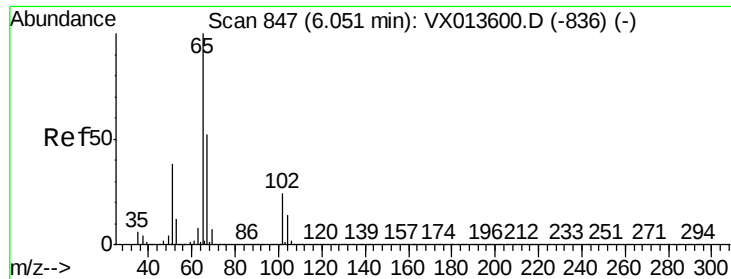
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#32
1,1,1-Trichloroethane
Concen: 50.287 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	45.4	36.1	54.1





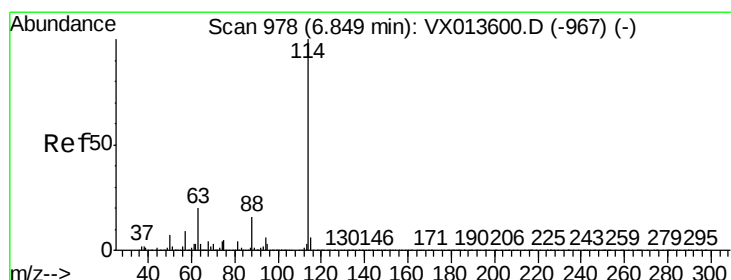
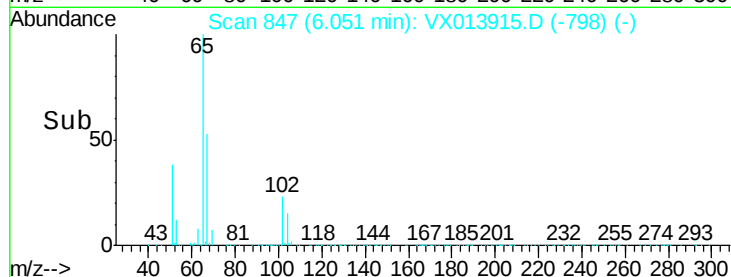
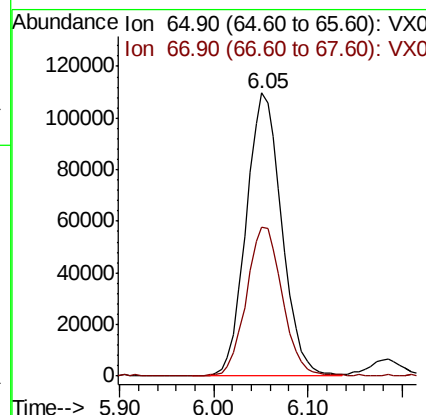
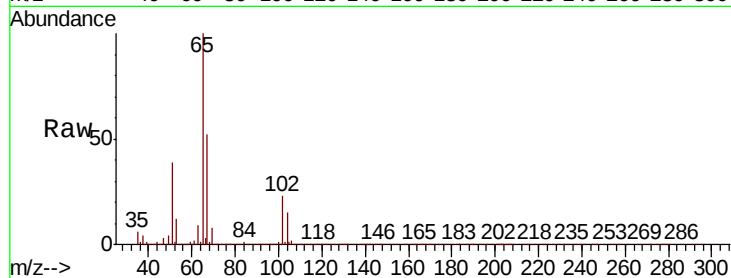
#33
 1,2-Dichloroethane-d4
 Concen: 47.508 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4

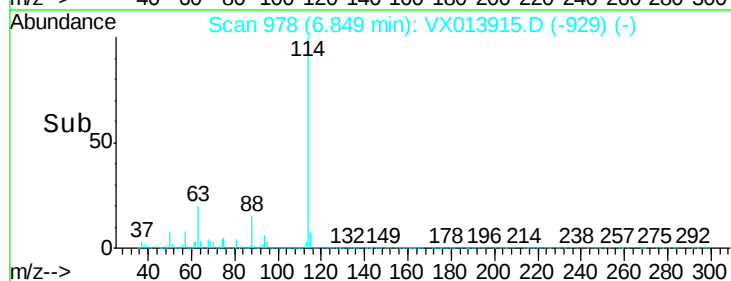
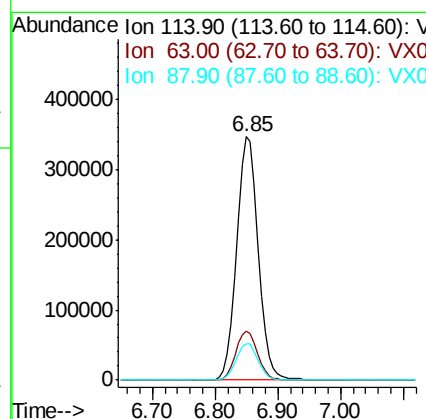
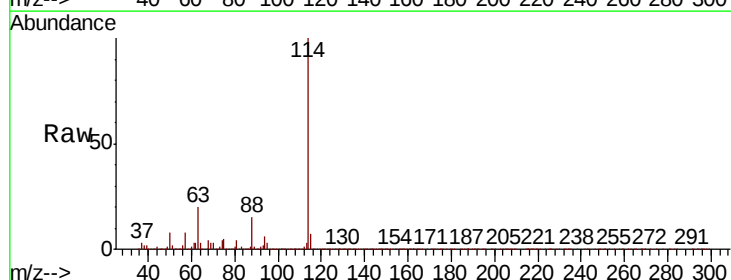
Manual Integrations
 APPROVED

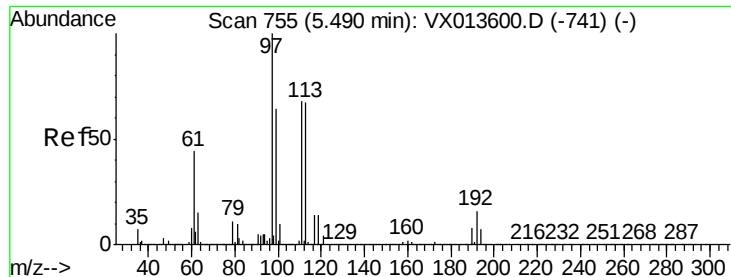
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	14.7	0.0	31.4





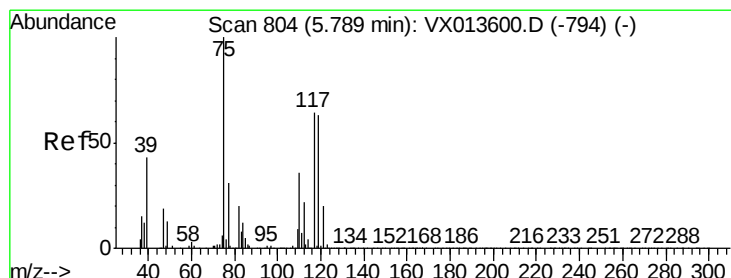
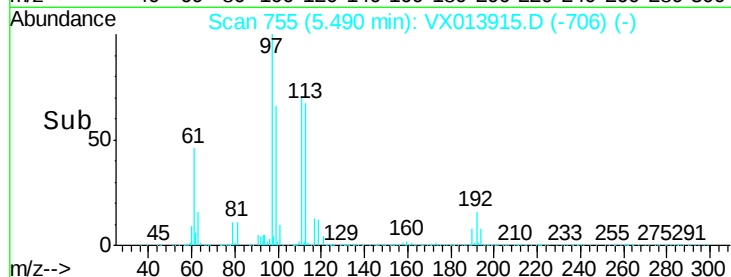
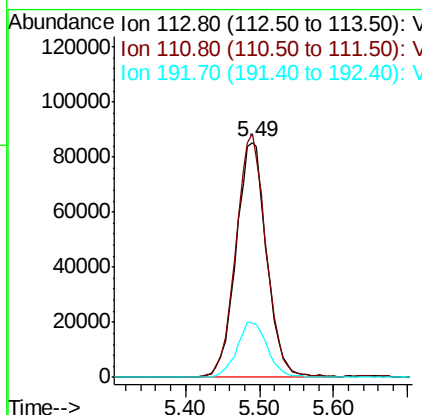
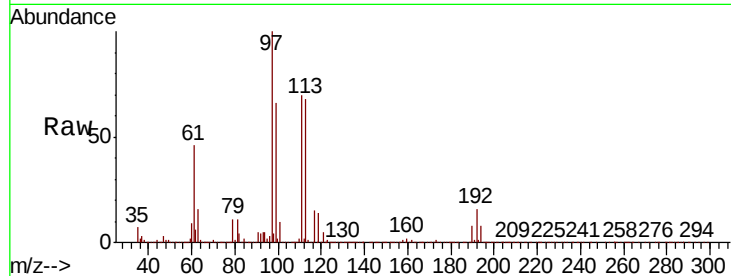
#35
Dibromofluoromethane
Concen: 47.729 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.6	125.4
192	23.3	19.2	28.8

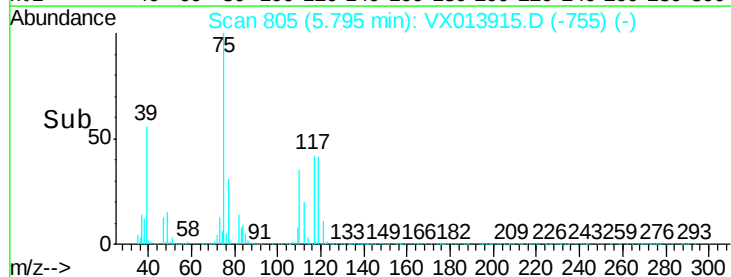
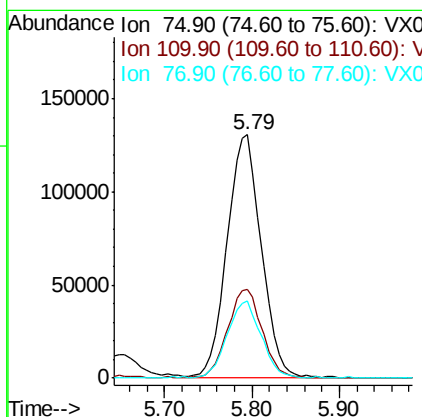
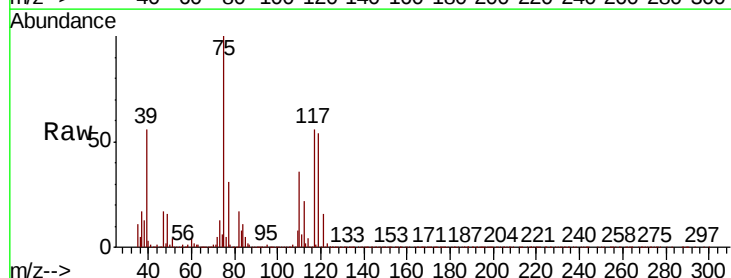
Manual Integrations
APPROVED

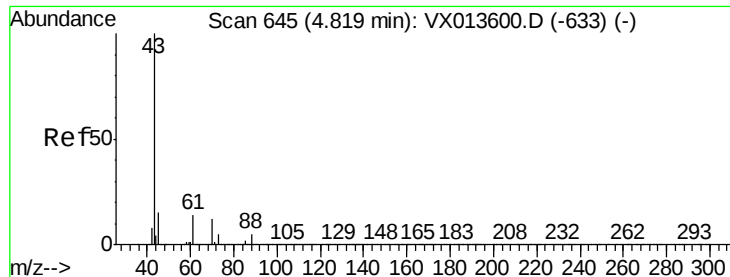
apatel
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#36
1,1-Dichloropropene
Concen: 47.017 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.1	54.1
77	31.0	24.5	36.7





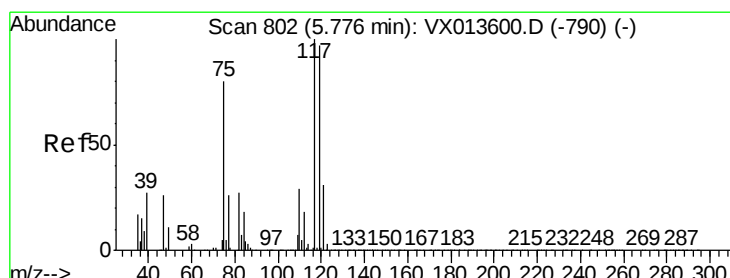
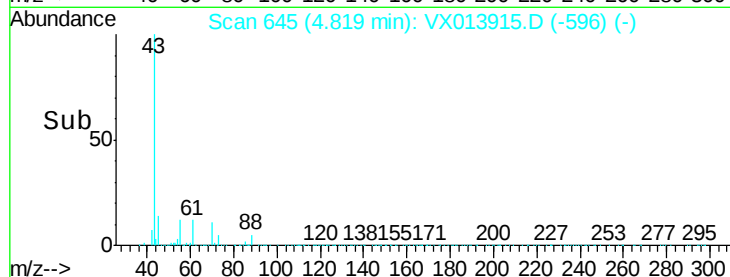
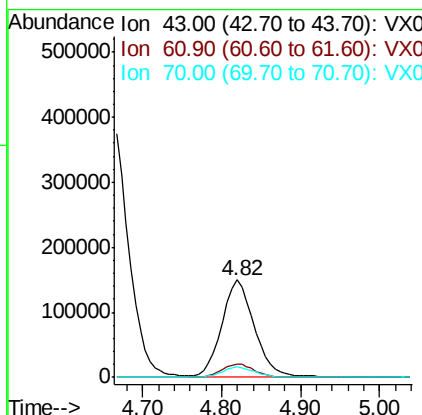
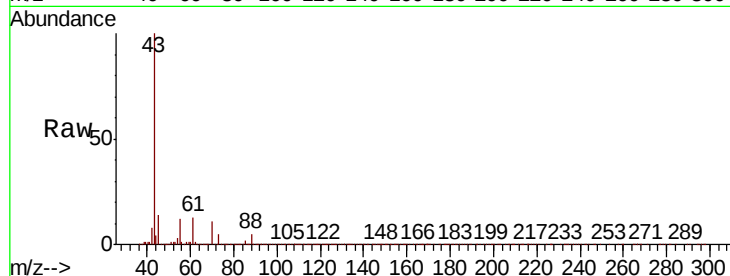
#37
Ethyl Acetate
Concen: 50.754 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.3	8.6	12.8

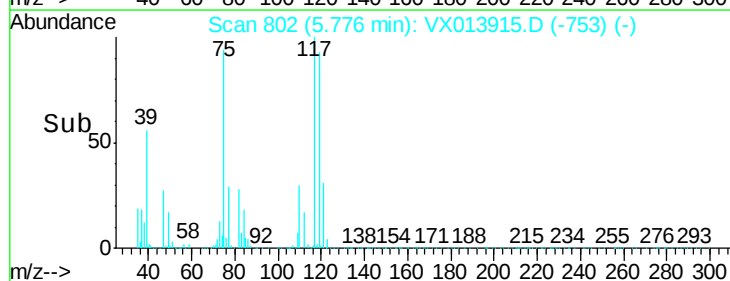
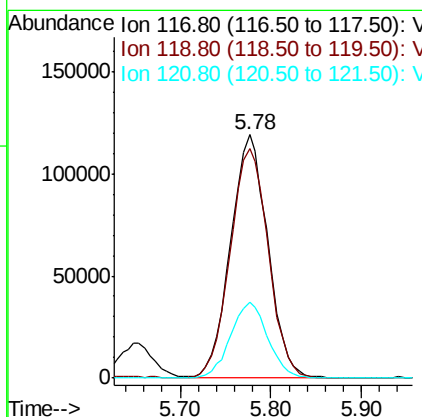
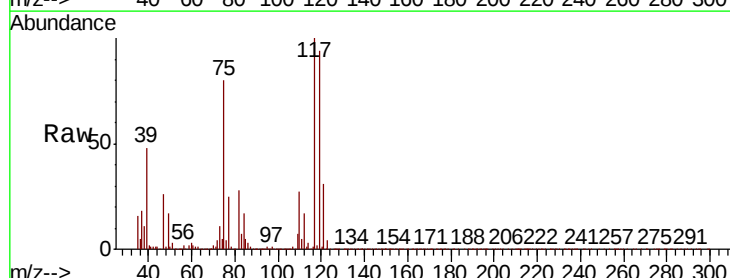
Manual Integrations
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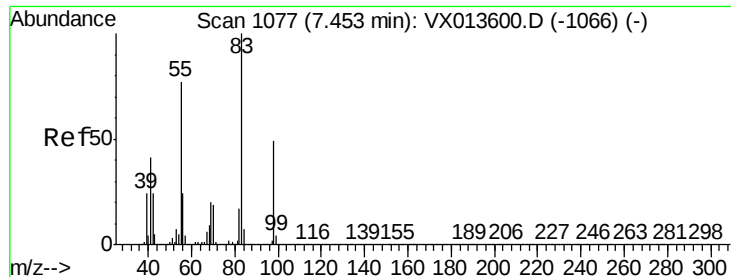
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#38
Carbon Tetrachloride
Concen: 48.709 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.5	116.3
121	31.0	25.0	37.6





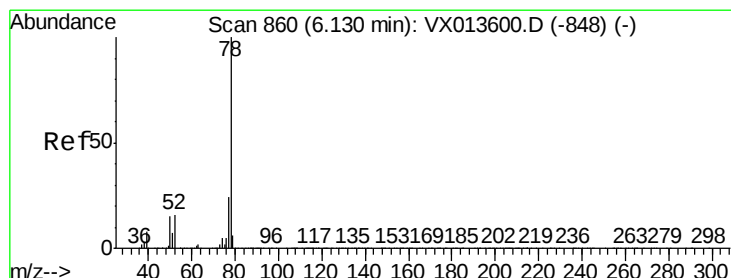
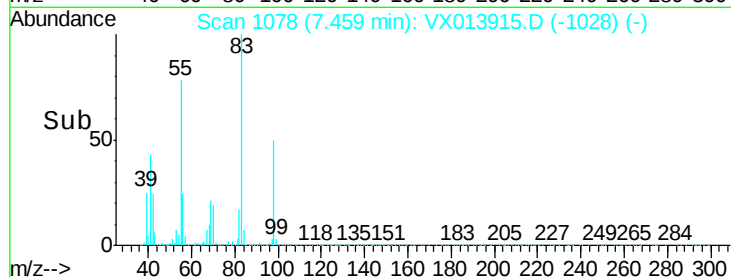
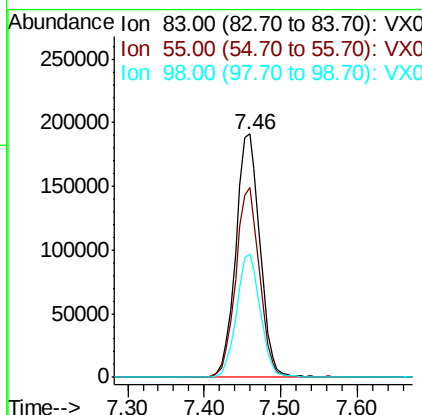
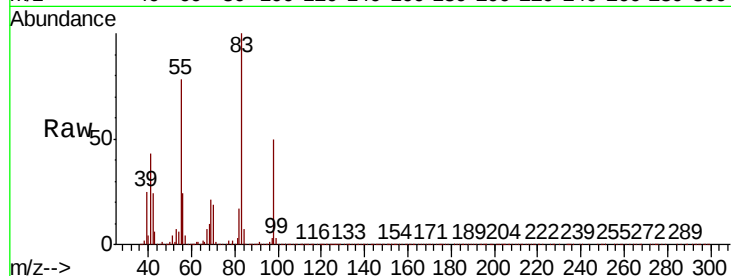
#39
Methvlcvclohexane
Concen: 44.734 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.9	92.9
98	50.5	39.4	59.0

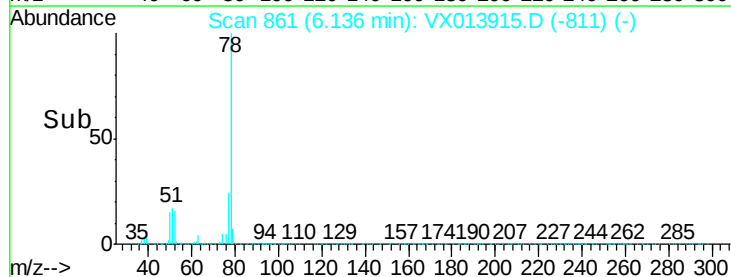
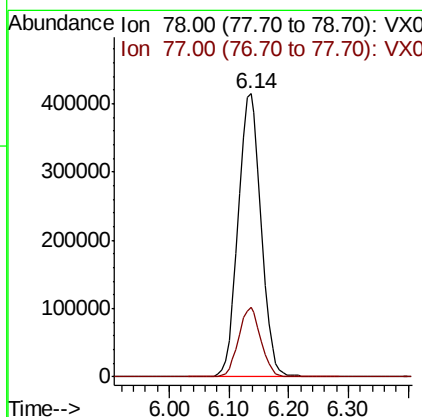
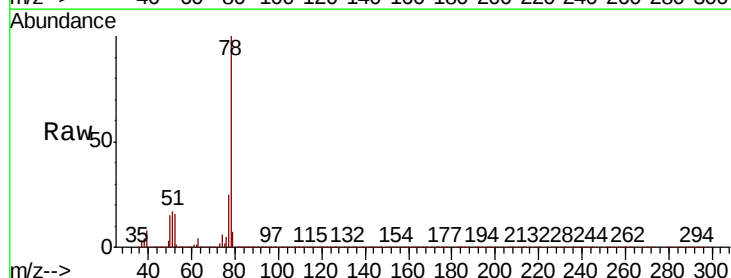
Manual Integrations
APPROVED

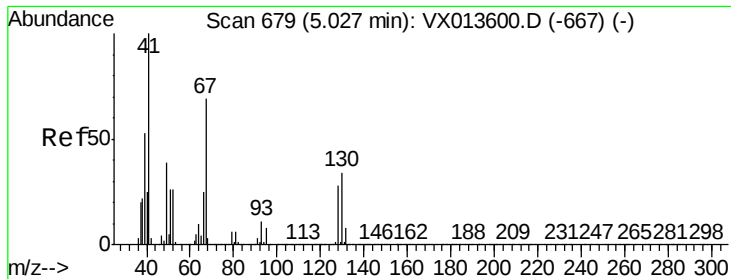
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#40
Benzene
Concen: 48.677 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





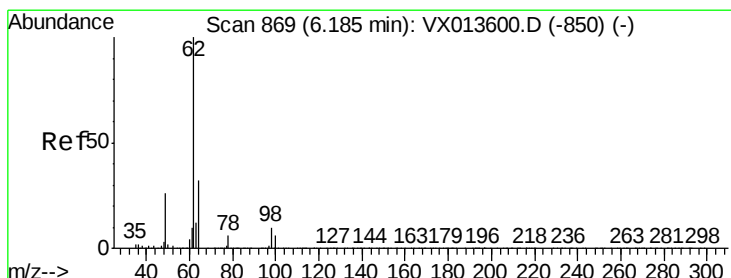
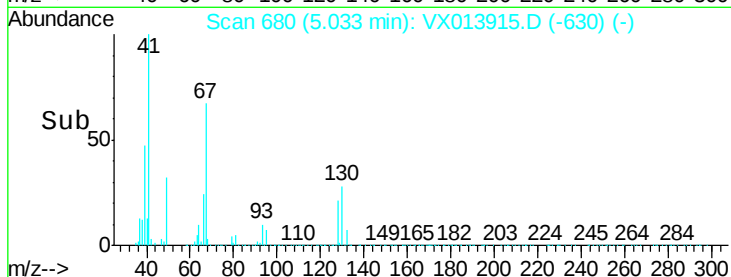
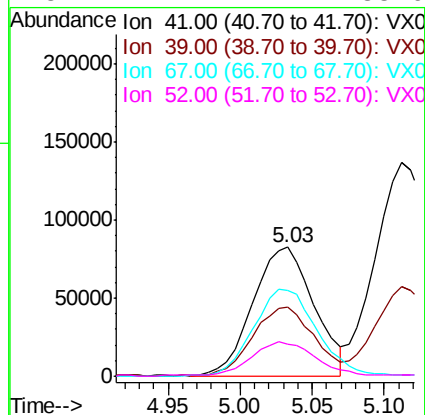
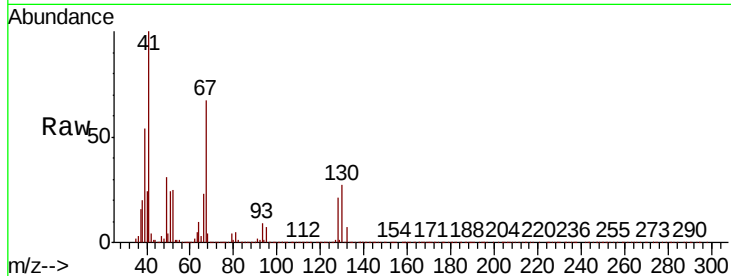
#41
Methacrylonitrile
Concen: 52.350 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		241985		
39	53.5	42.9	64.3		
67	70.1	57.4	86.0		
52	27.7	22.4	33.6		

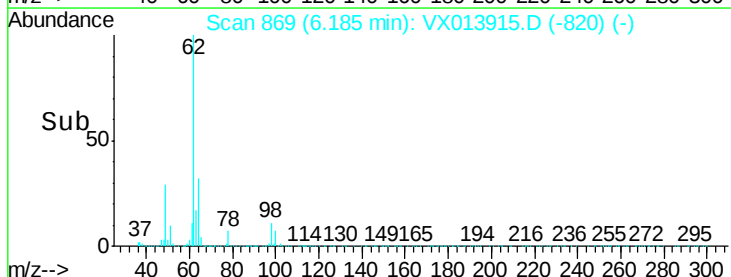
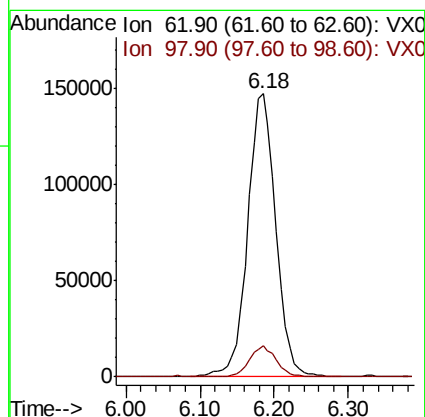
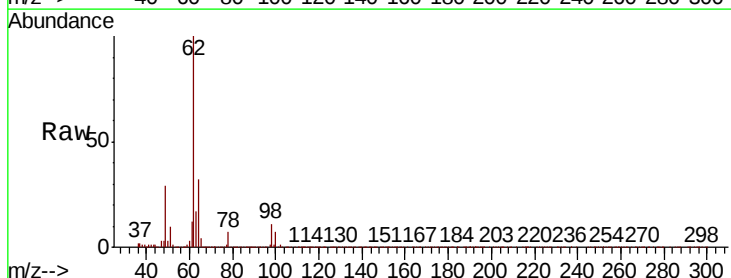
Manual Integrations
APPROVED

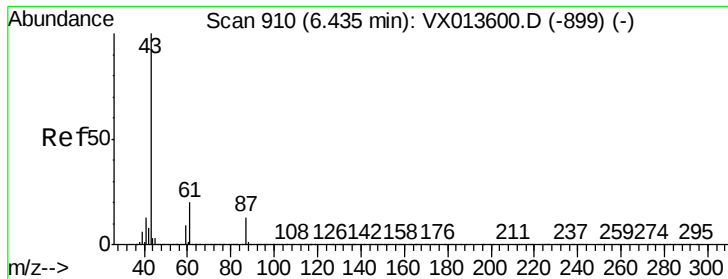
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#42
1,2-Dichloroethane
Concen: 49.667 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		387596		
98	10.4	0.0	20.8		





#43

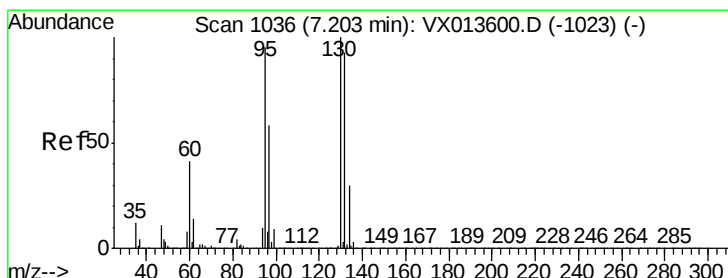
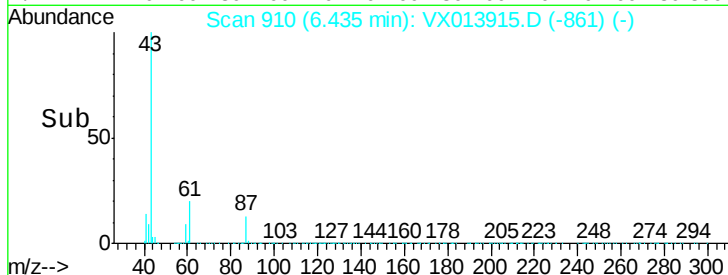
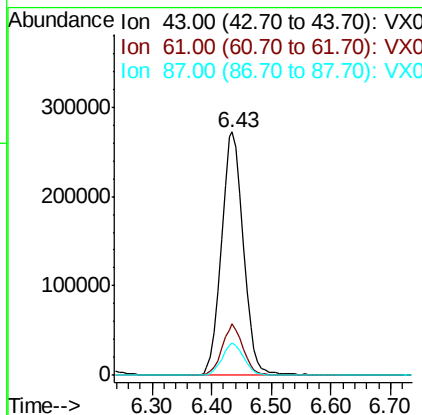
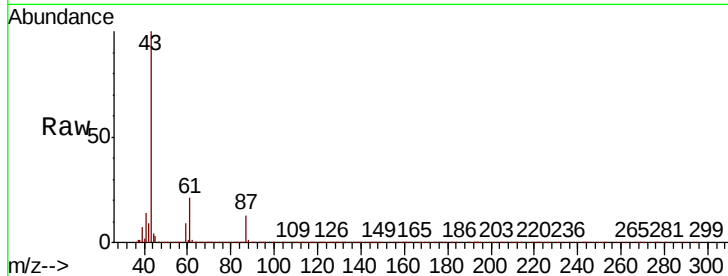
Isopropyl Acetate
 Concen: 50.029 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	13.1	10.8	16.2

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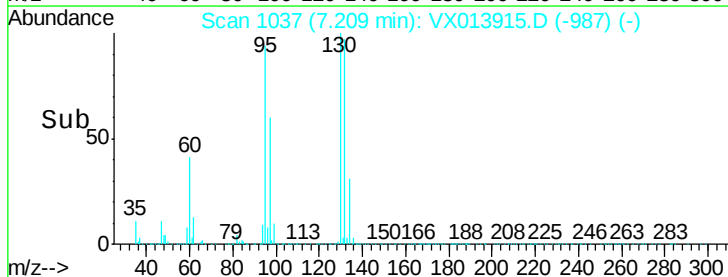
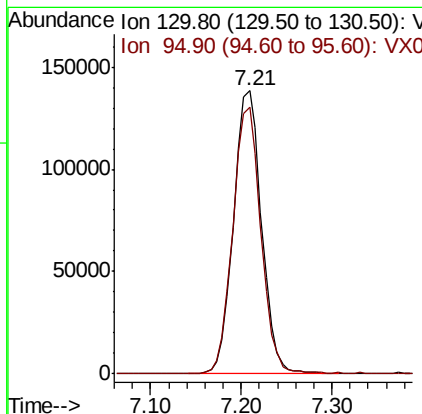
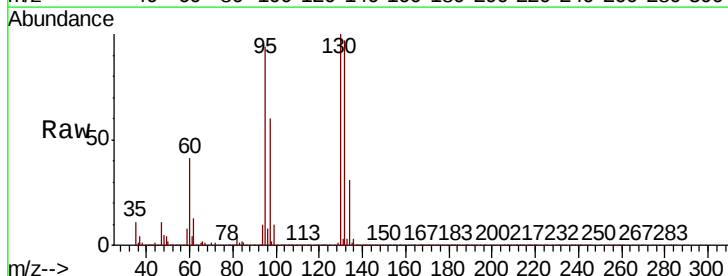
apatel
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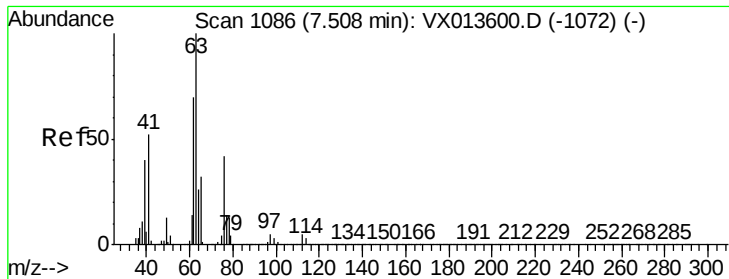


#44

Trichloroethene
 Concen: 47.163 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.615 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 295505

Ion Ratio Lower Upper

63 100

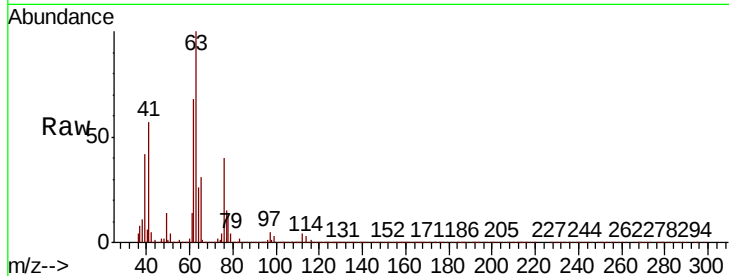
65 31.1 25.5 38.3

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

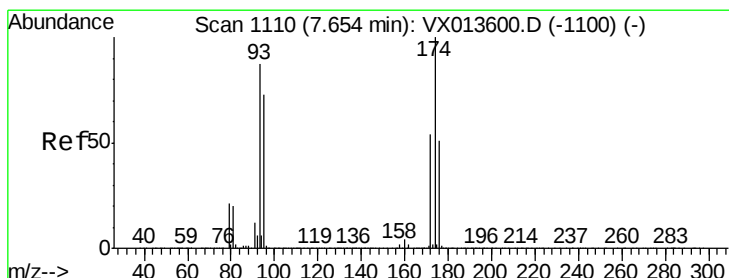
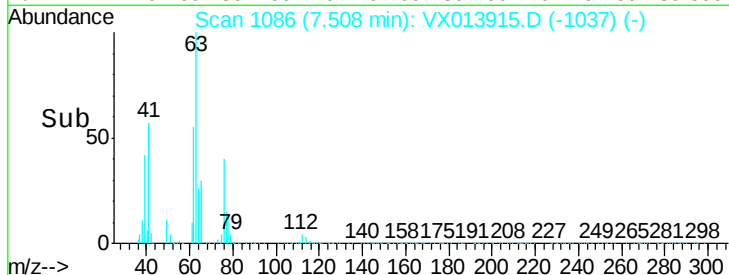
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.413 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

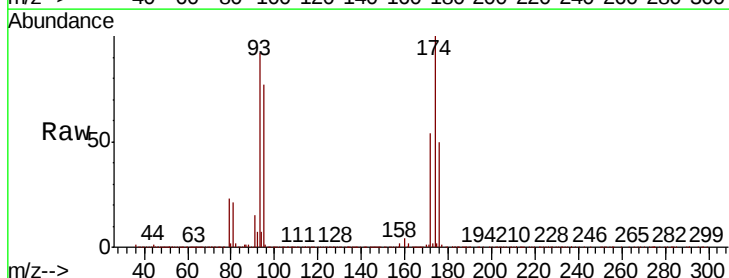
Tgt Ion: 93 Resp: 188251

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 114.8 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

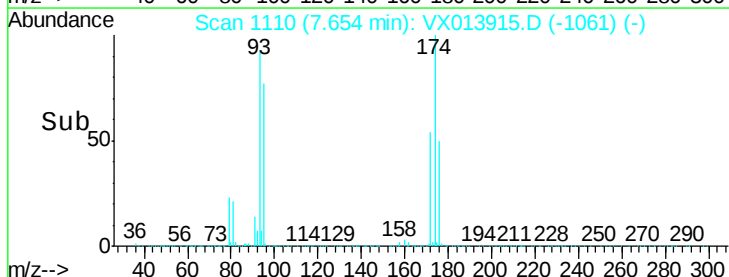
150000

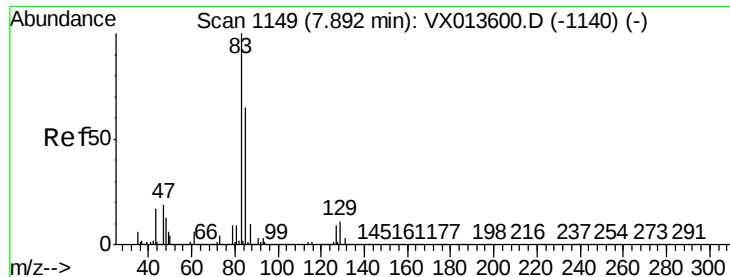
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.637 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

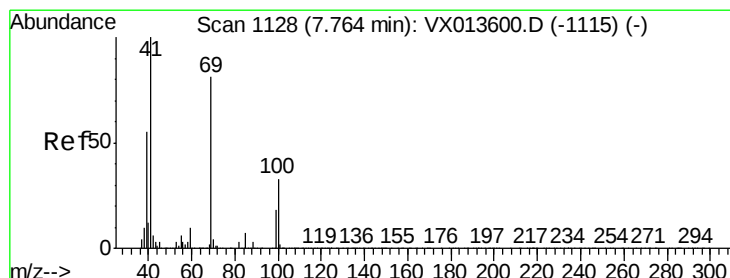
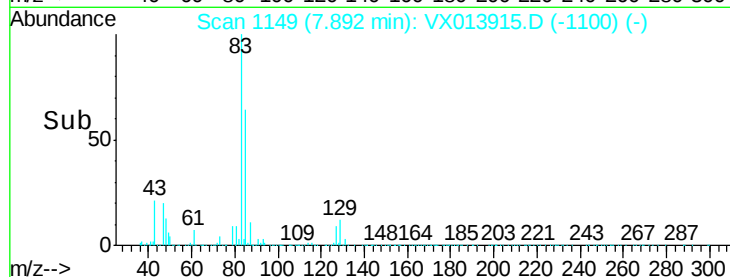
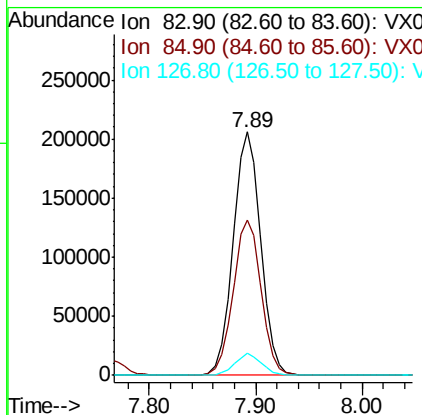
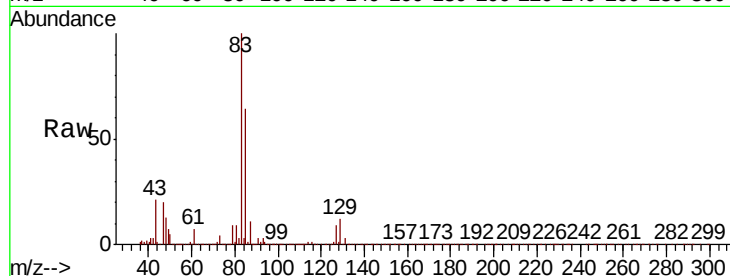
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	372230
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.1	78.1
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 51.726 ug/l

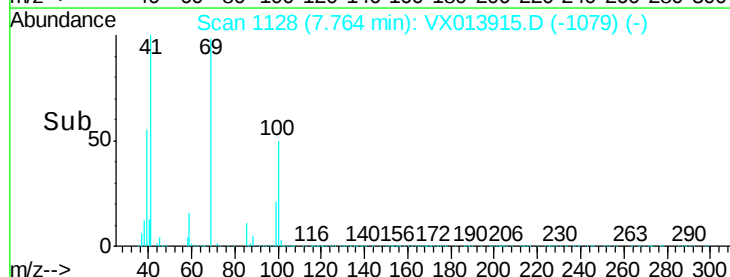
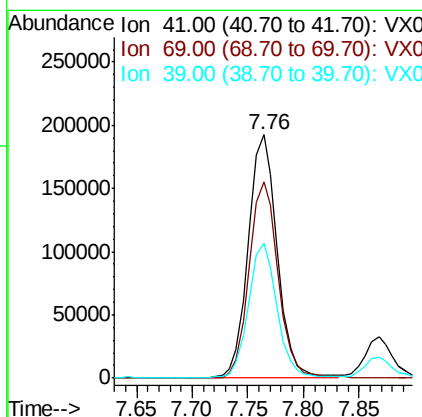
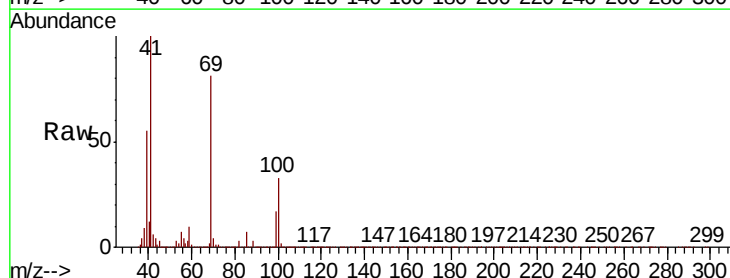
RT: 7.76 min Scan# 1128

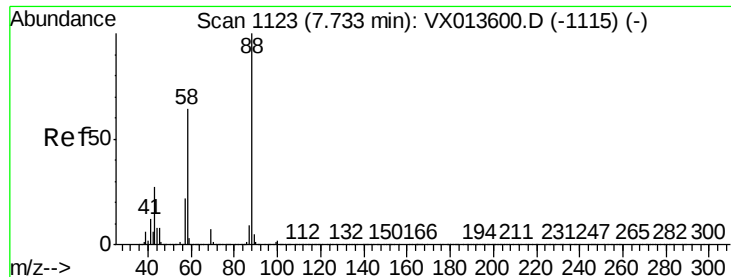
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	41	Resp:	348745
Ion Ratio	Lower	Upper	
41	100		
69	81.2	64.7	97.1
39	55.2	43.8	65.6





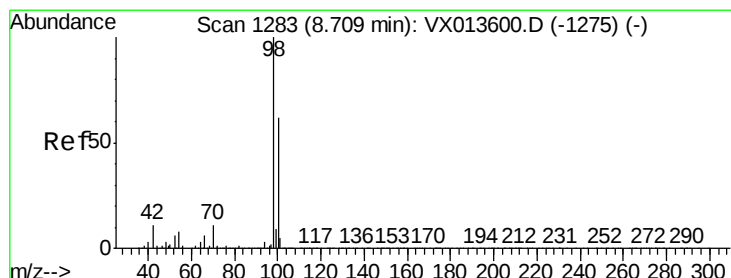
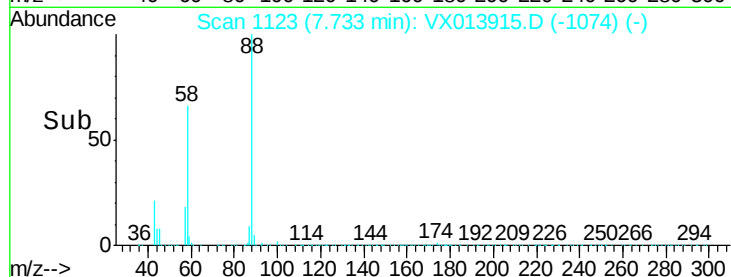
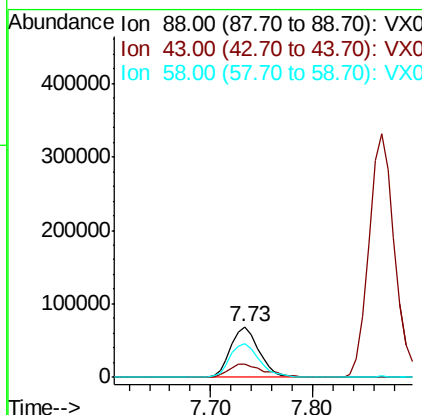
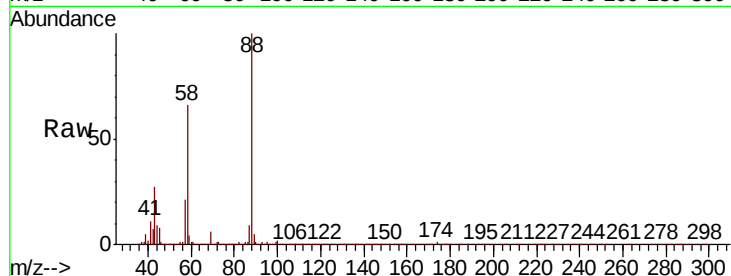
#49
1,4-Dioxane
Concen: 861.271 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	25.8	38.6
58	71.2	54.6	82.0

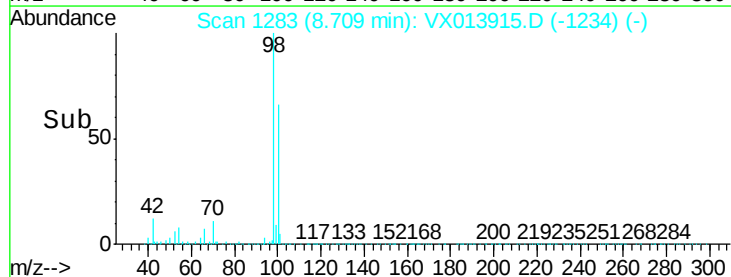
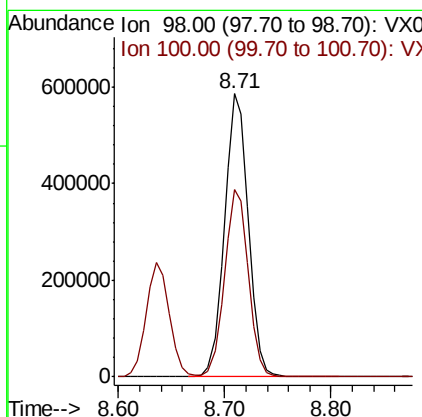
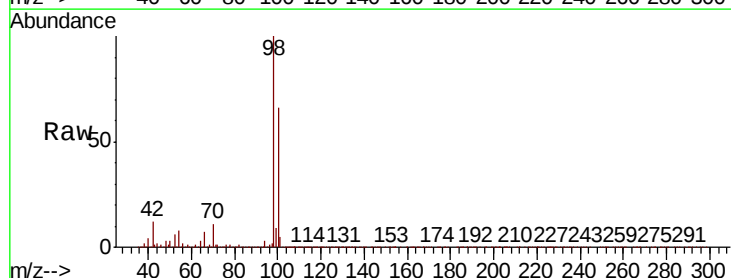
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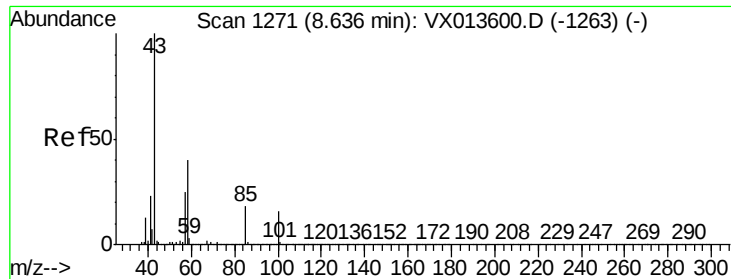
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#50
Toluene-d8
Concen: 45.735 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 257.053 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2243690

Ion Ratio Lower Upper

43 100

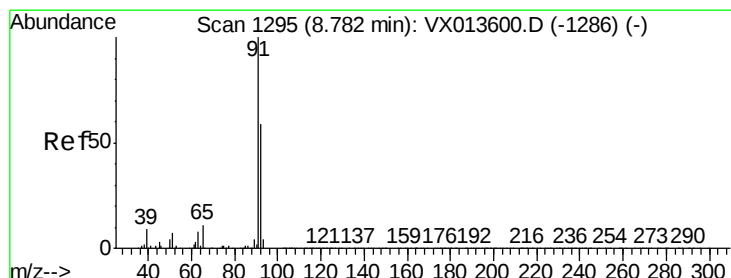
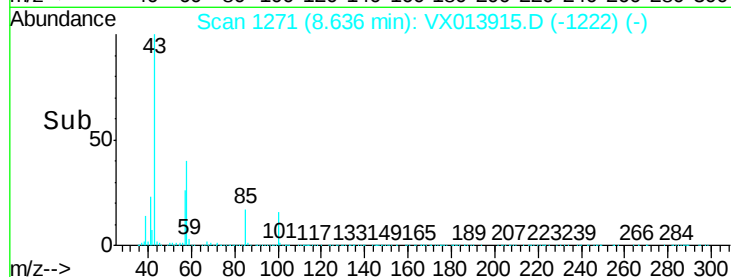
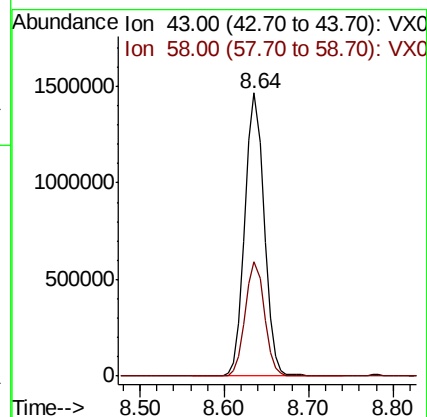
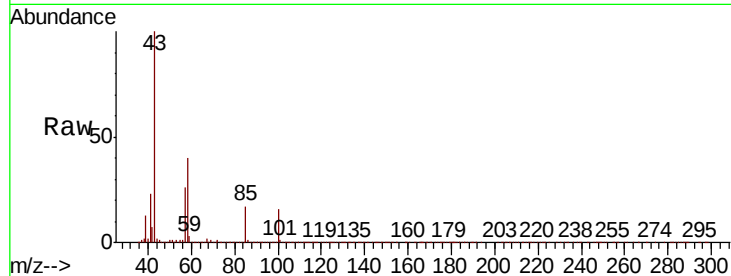
58 40.0 32.1 48.1

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#52

Toluene

Concen: 48.795 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013915.D

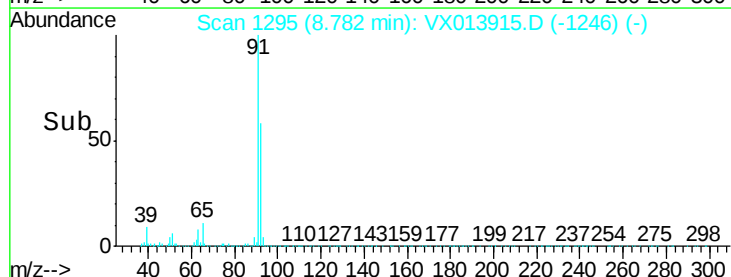
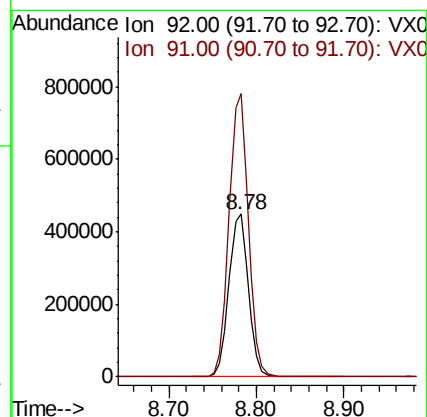
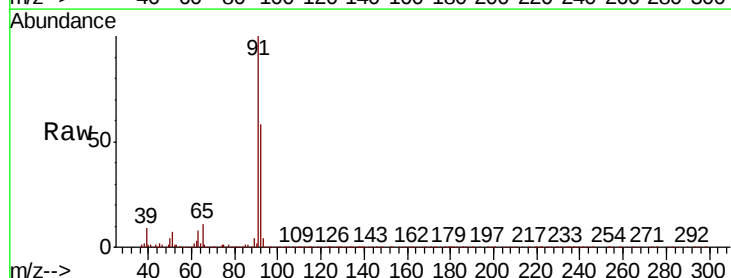
Acq: 10 Dec 2019 22:13

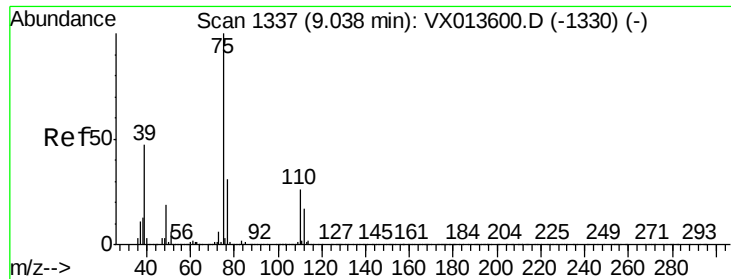
Tgt Ion: 92 Resp: 693647

Ion Ratio Lower Upper

92 100

91 172.2 136.2 204.2





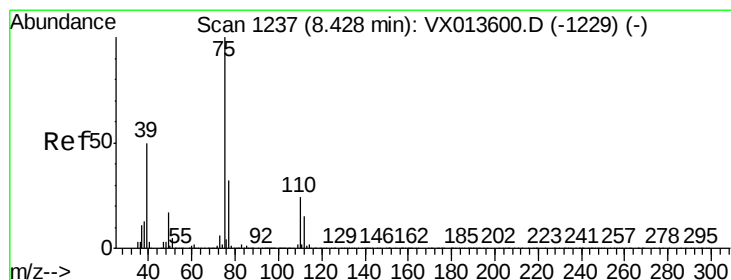
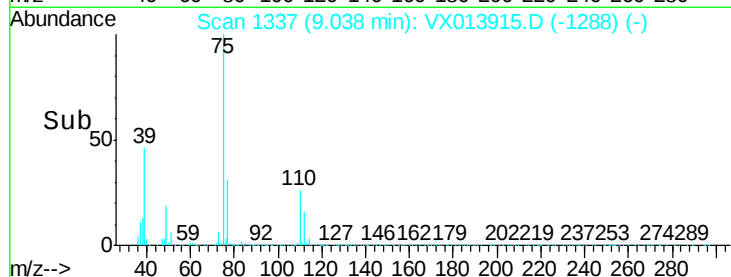
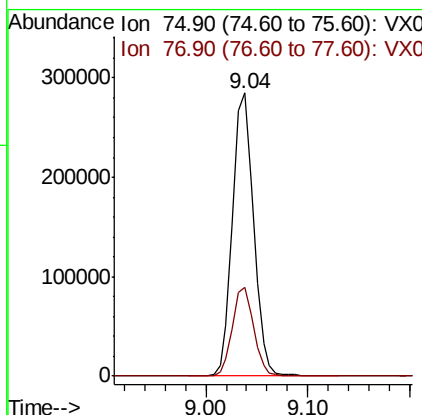
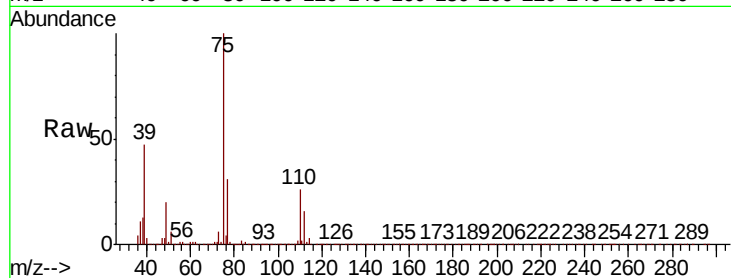
#53
t-1,3-Dichloropropene
Concen: 48.561 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.4	36.6

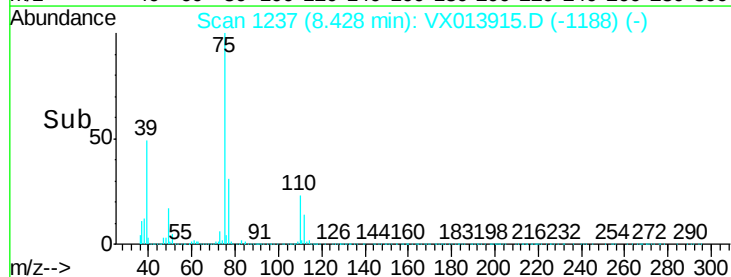
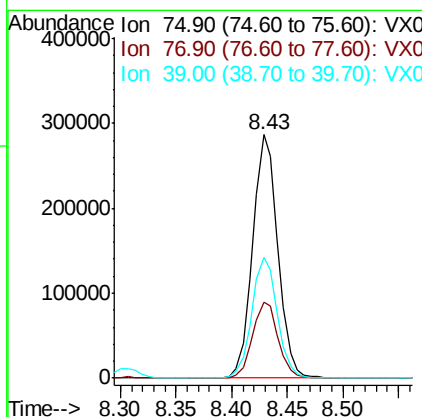
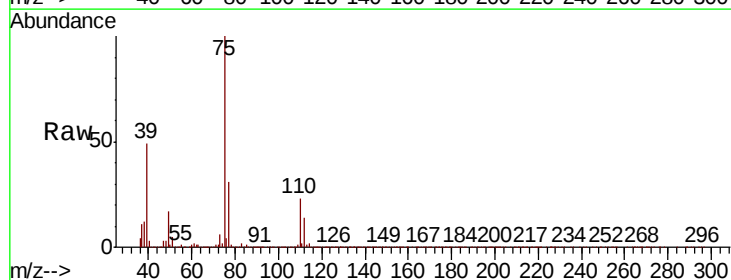
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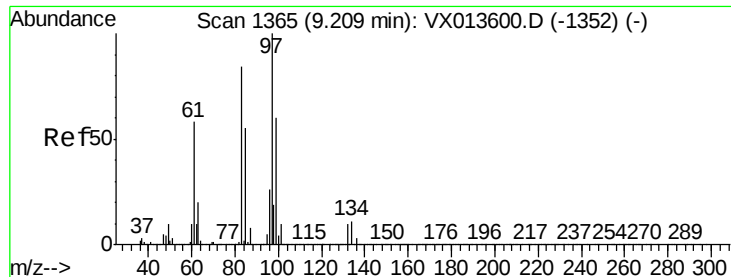
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#54
cis-1,3-Dichloropropene
Concen: 49.487 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.6
39	49.3	39.9	59.9





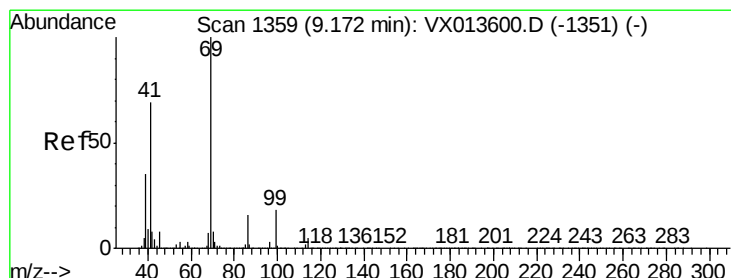
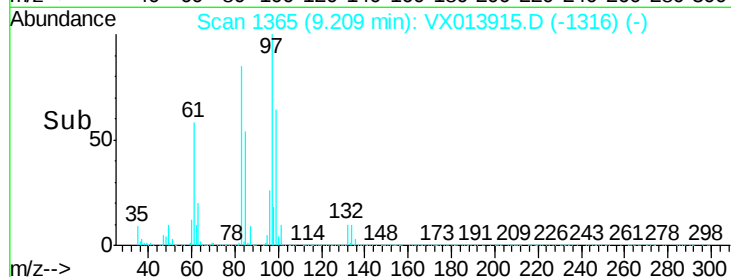
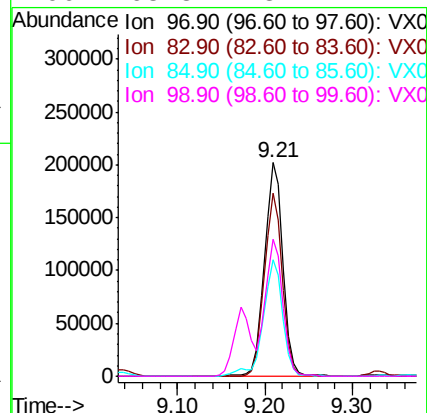
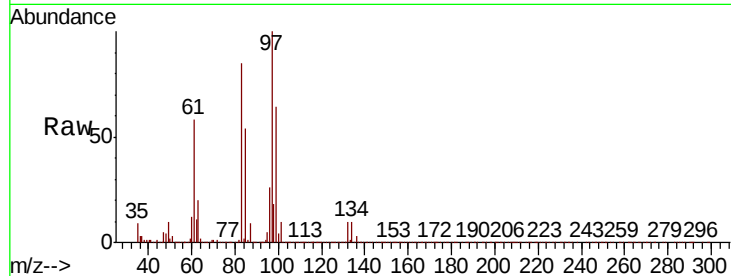
#55
 1,1,2-Trichloroethane
 Concen: 51.630 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		295773		
83	85.4	67.3	100.9		
85	54.4	43.6	65.4		
99	63.8	48.2	72.4		

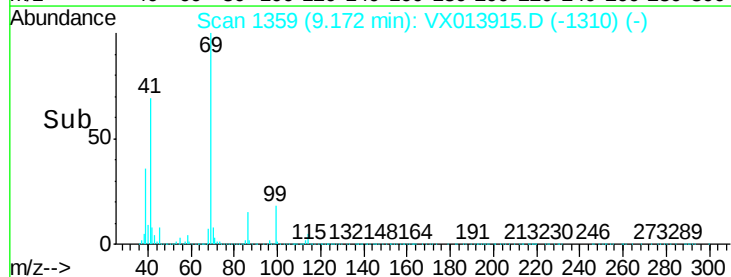
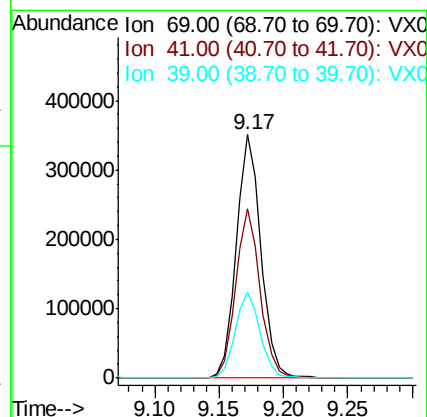
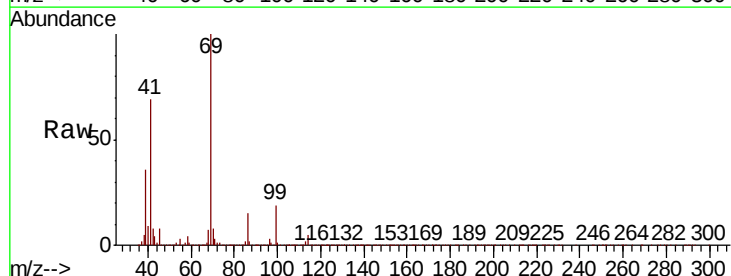
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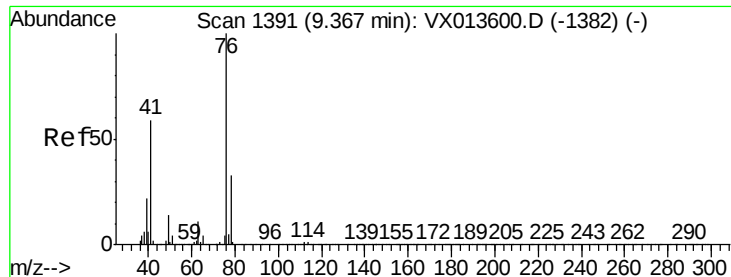
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#56
 Ethyl methacrylate
 Concen: 51.000 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		469720		
41	68.5	55.0	82.4		
39	35.8	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.970 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 493416

Ion Ratio Lower Upper

76 100

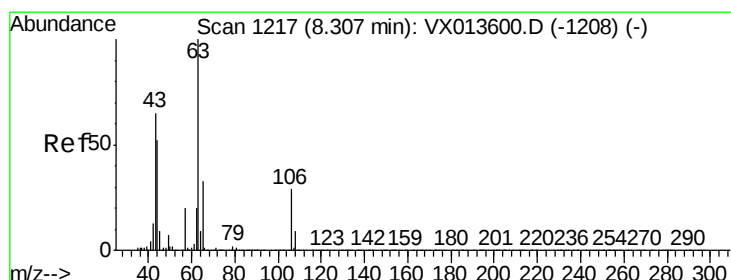
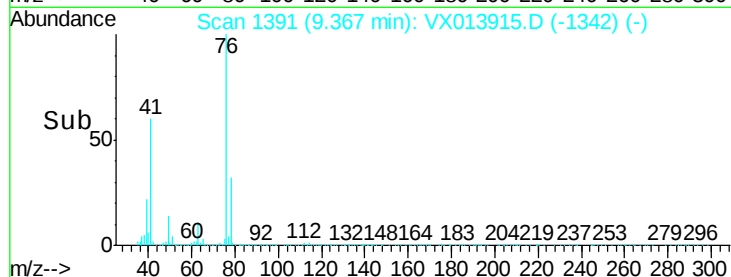
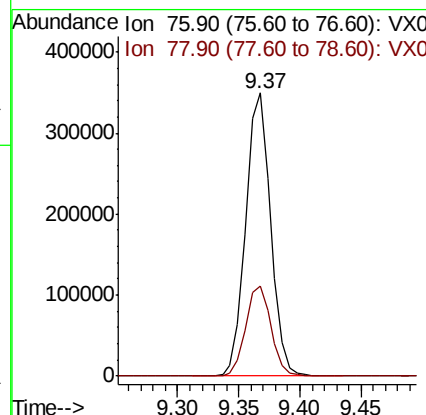
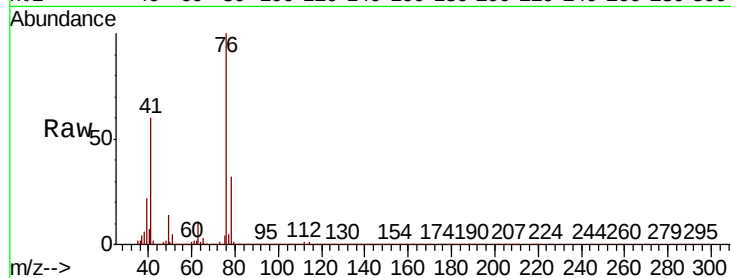
78 32.6 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 243.779 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013915.D

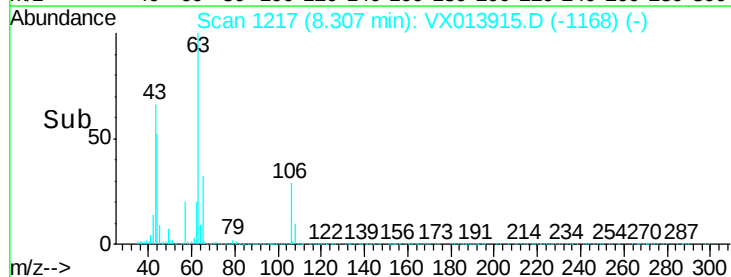
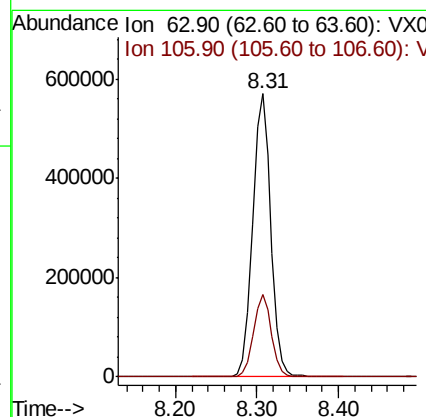
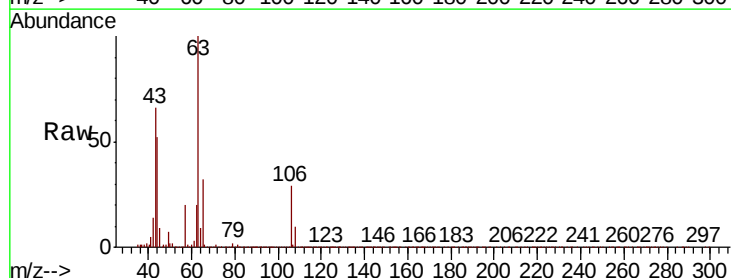
Acq: 10 Dec 2019 22:13

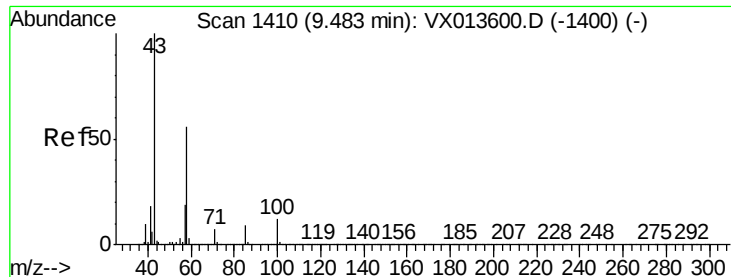
Tgt Ion: 63 Resp: 880310

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.0





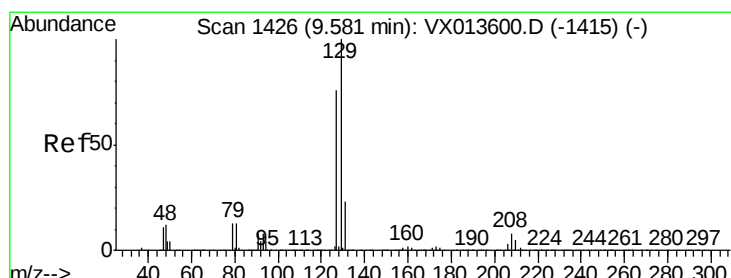
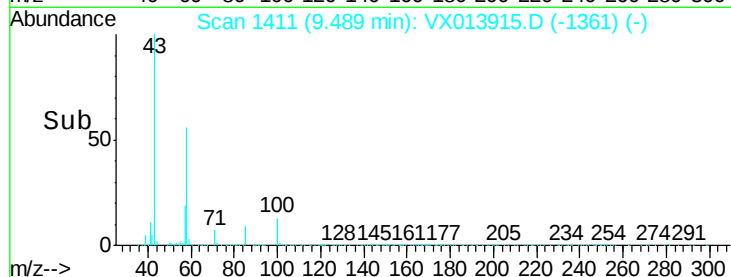
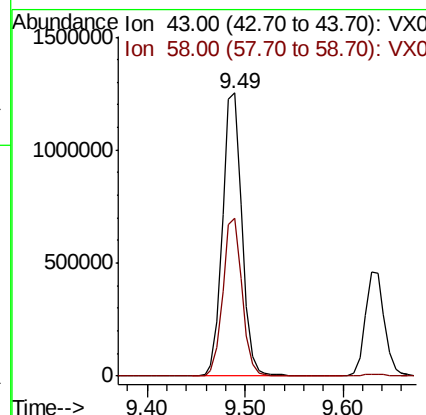
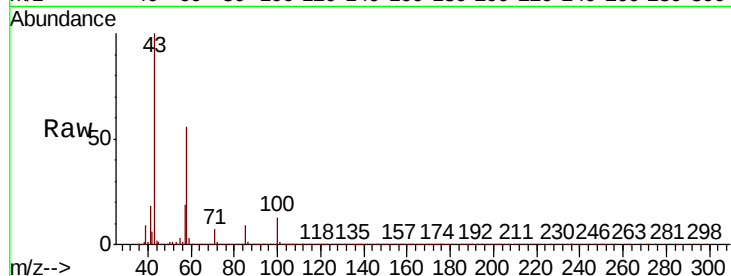
#59
2-Hexanone
Concen: 253.612 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1726482
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

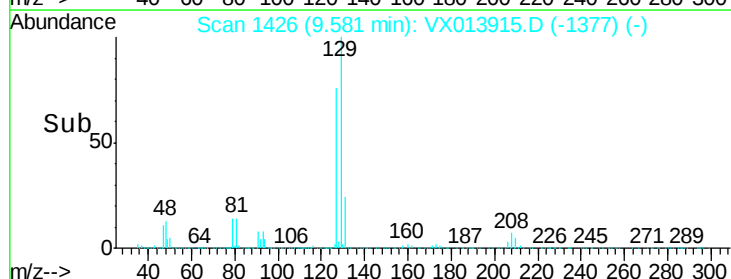
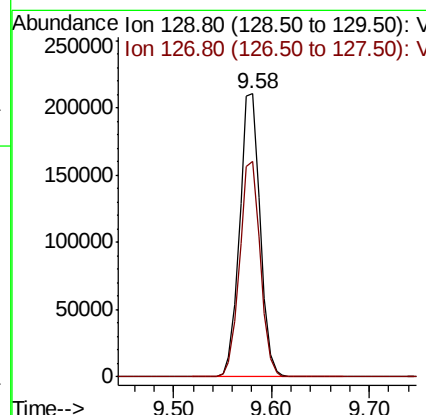
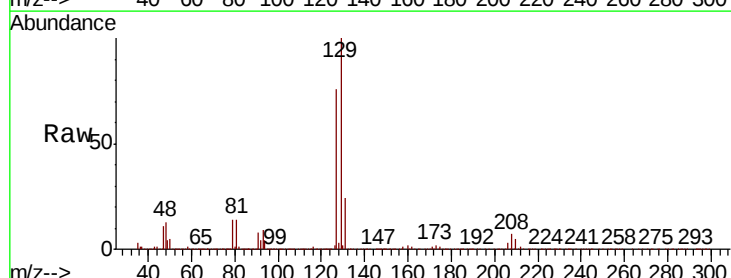
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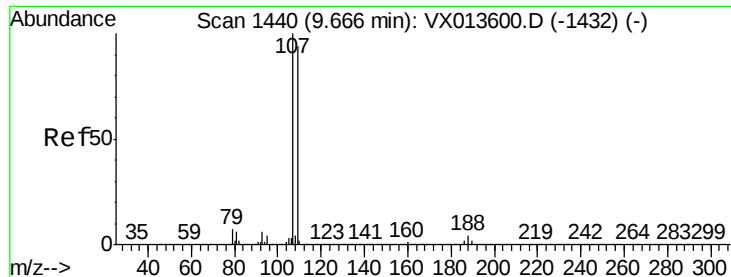
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#60
Dibromochloromethane
Concen: 51.589 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion: 129 Resp: 306707
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





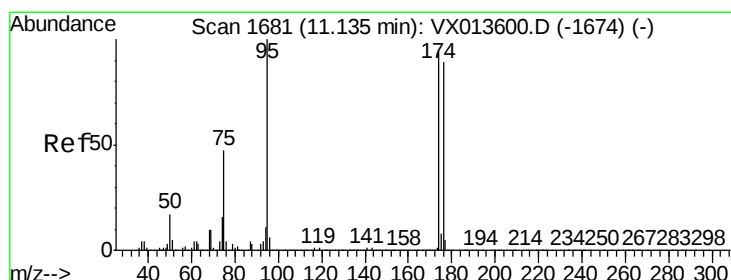
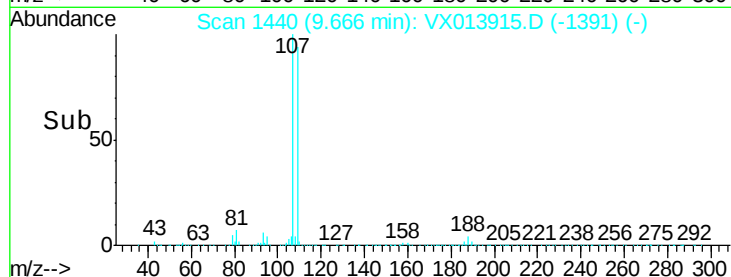
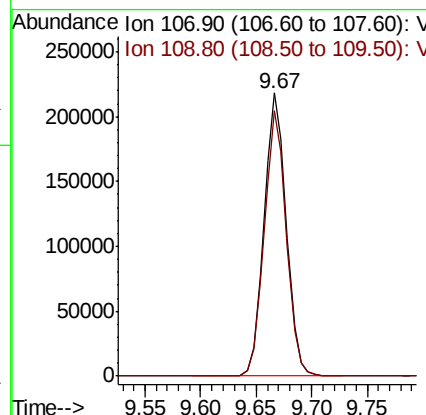
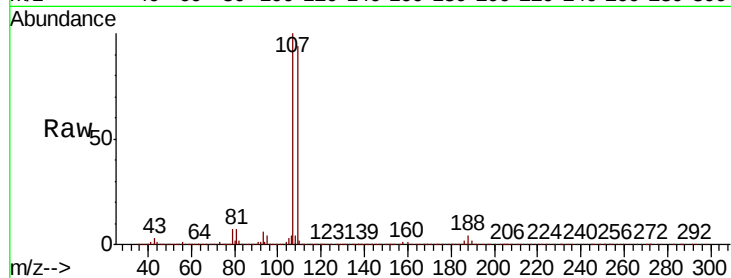
#61
 1,2-Dibromoethane
 Concen: 49.637 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	303699		
109	93.4	76.1	114.1	

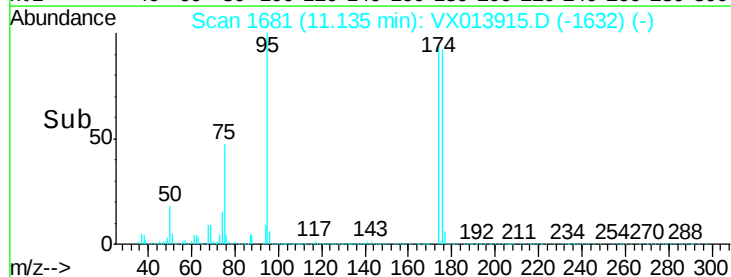
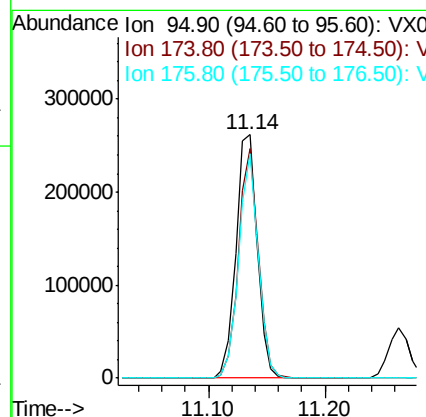
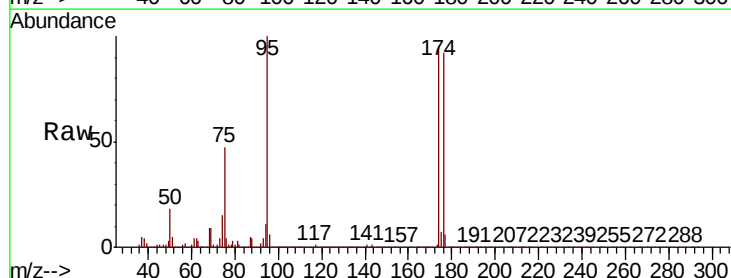
Manual Integrations
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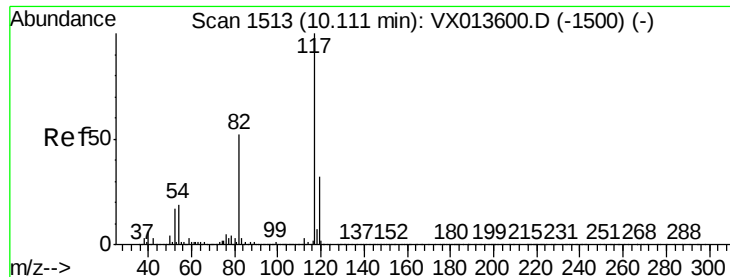
apatel
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#62
 4-Bromofluorobenzene
 Concen: 46.433 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	333799		
174	88.6	0.0	180.0	
176	85.6	0.0	173.6	





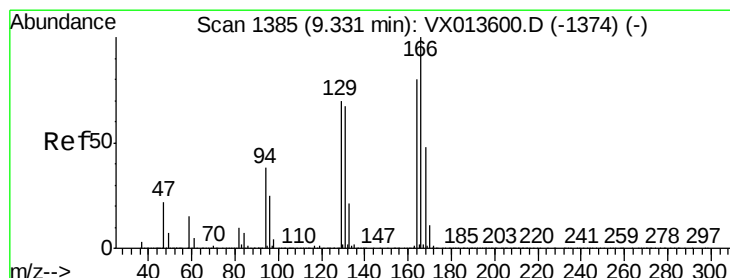
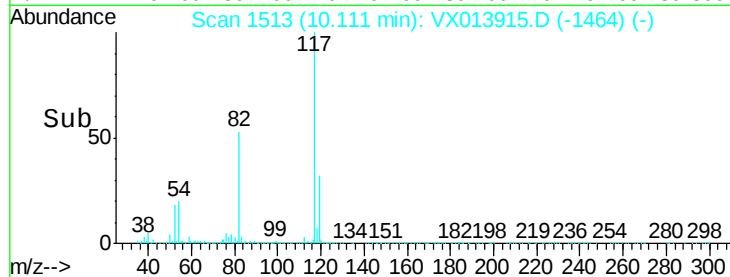
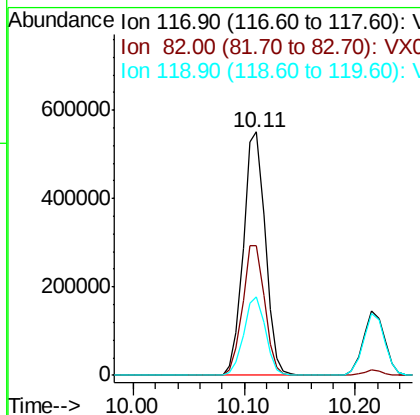
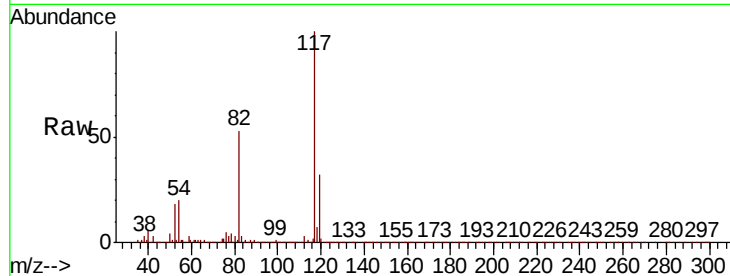
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.0	41.8	62.8
119	32.0	25.8	38.8

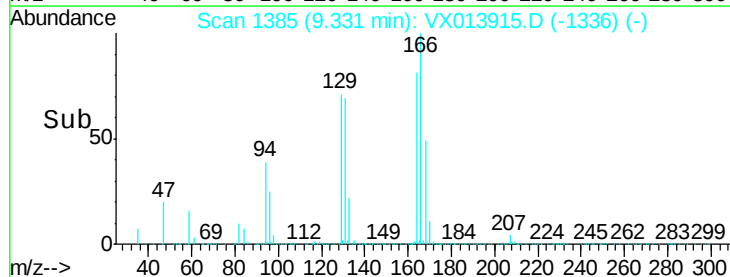
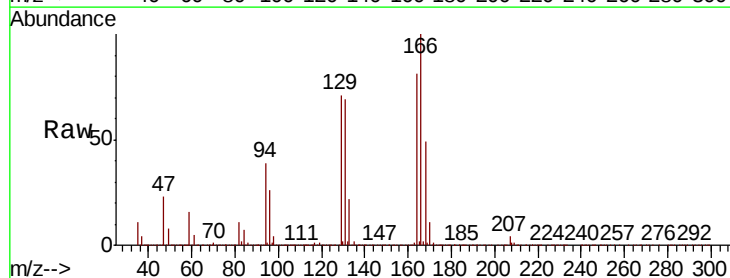
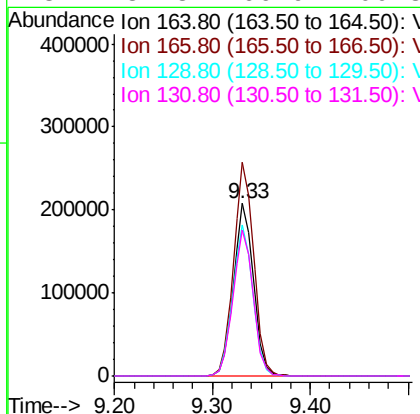
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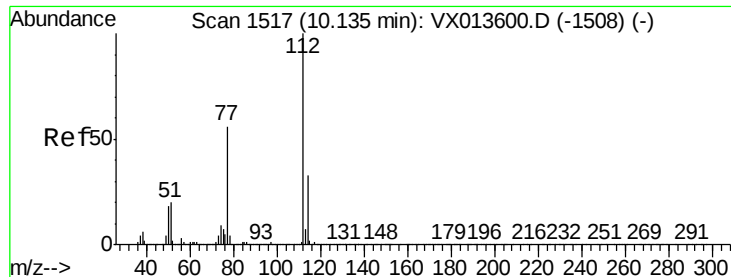
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#64
Tetrachloroethene
Concen: 52.427 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	123.8	99.7	149.5
129	87.6	70.1	105.1
131	84.8	66.9	100.3





#65

Chlorobenzene

Concen: 48.268 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 752129

Ion Ratio Lower Upper

112 100

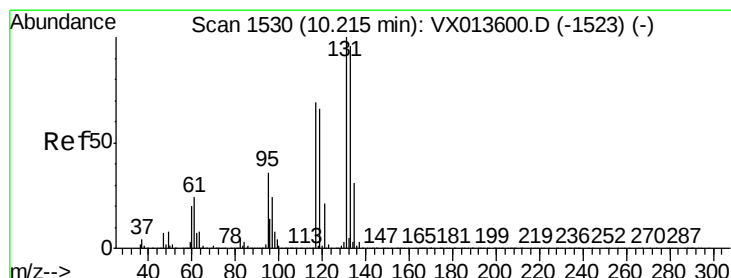
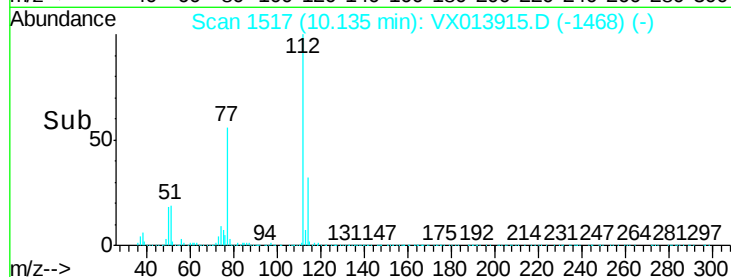
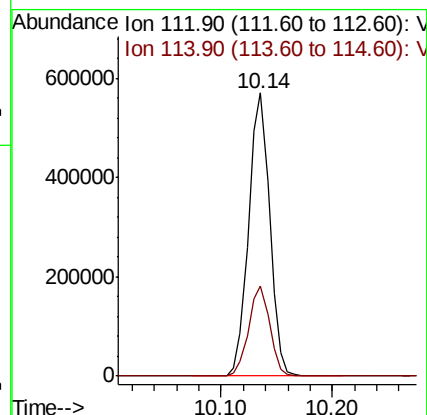
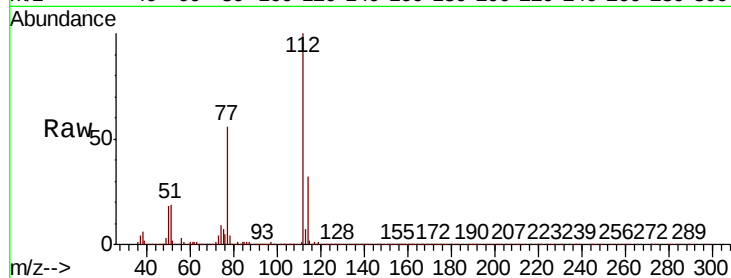
114 31.7 26.1 39.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.071 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

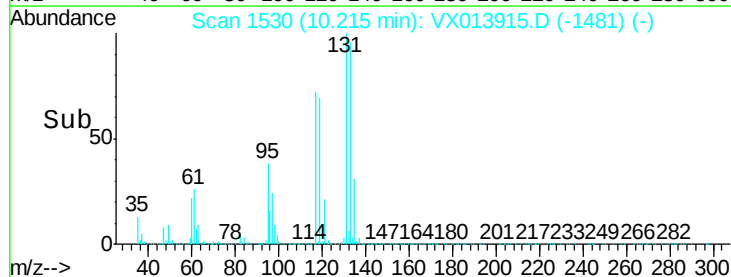
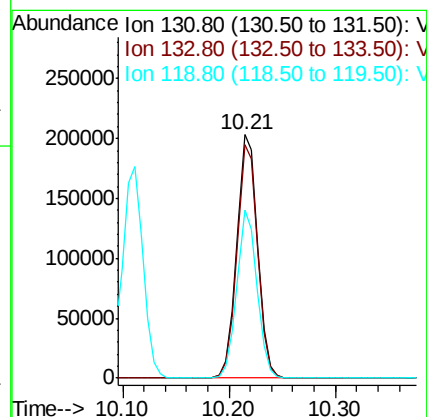
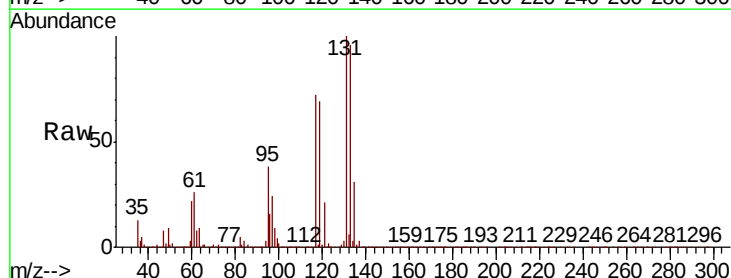
Tgt Ion:131 Resp: 280170

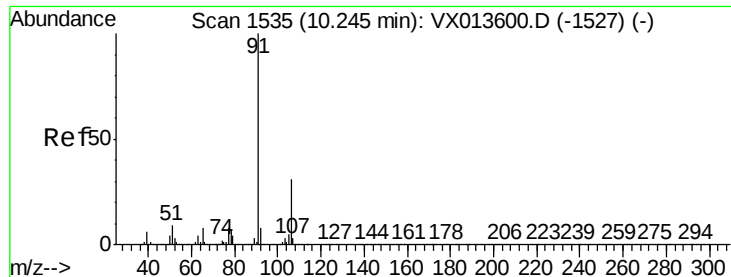
Ion Ratio Lower Upper

131 100

133 94.8 47.7 143.1

119 66.9 32.9 98.6





#67

Ethyl Benzene

Concen: 49.402 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1322810

Ion Ratio Lower Upper

91 100

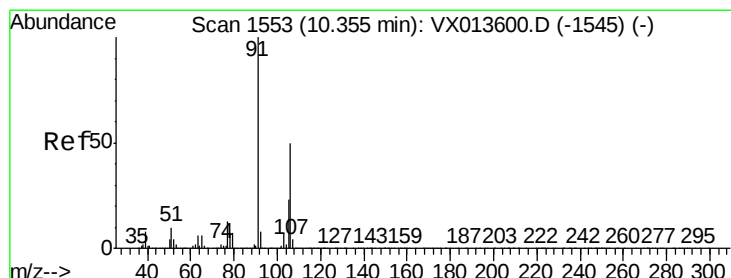
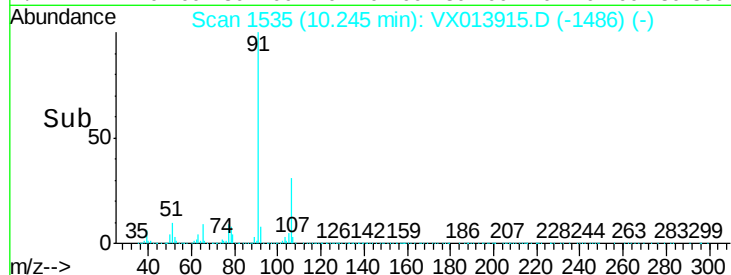
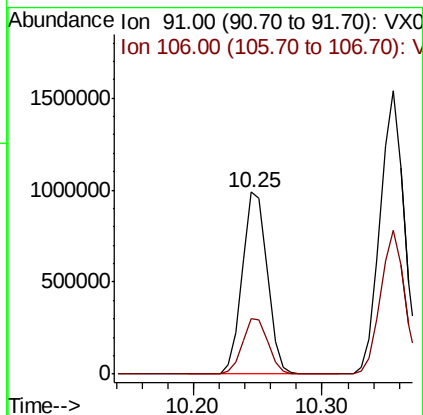
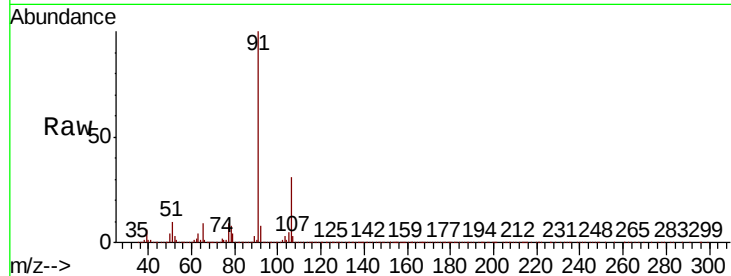
106 30.6 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.165 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013915.D

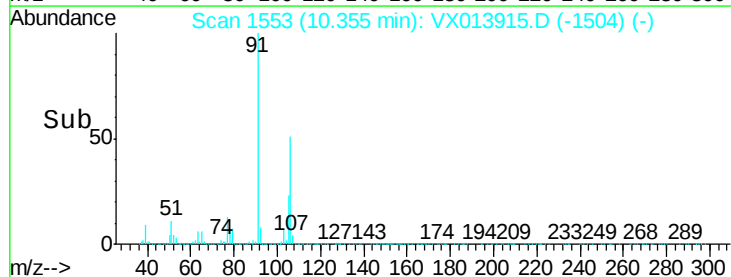
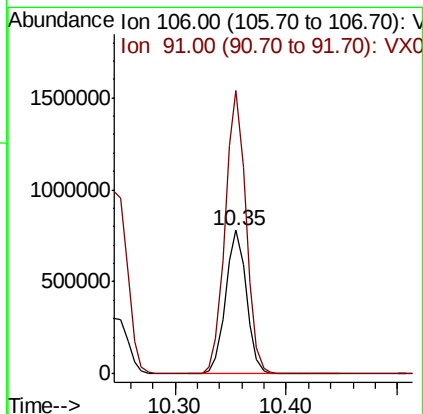
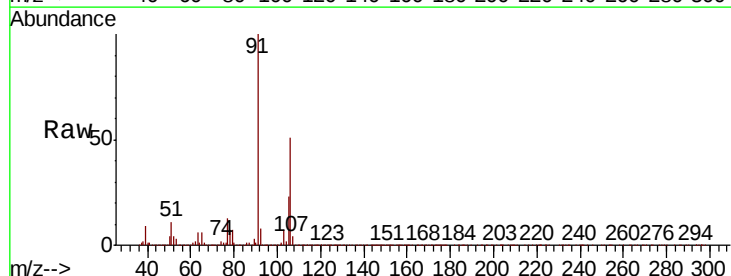
Acq: 10 Dec 2019 22:13

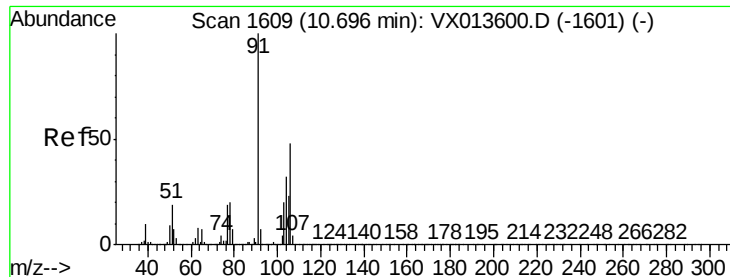
Tgt Ion: 106 Resp: 1006335

Ion Ratio Lower Upper

106 100

91 197.4 159.0 238.4





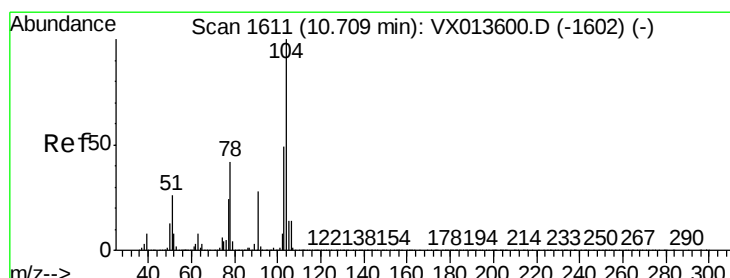
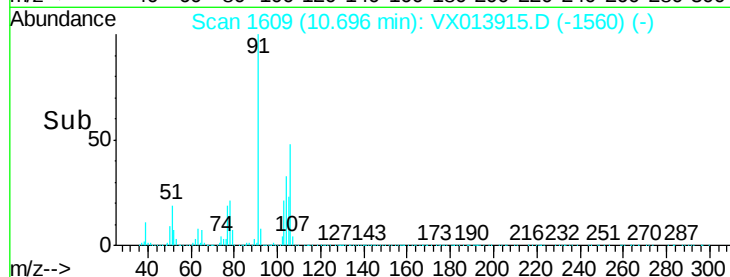
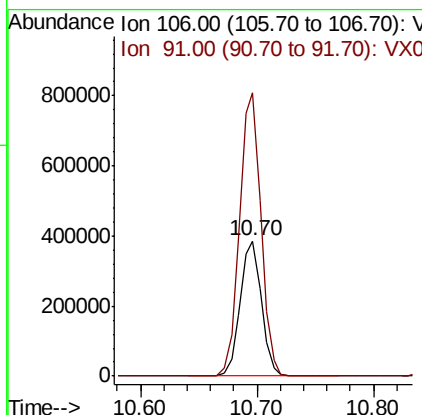
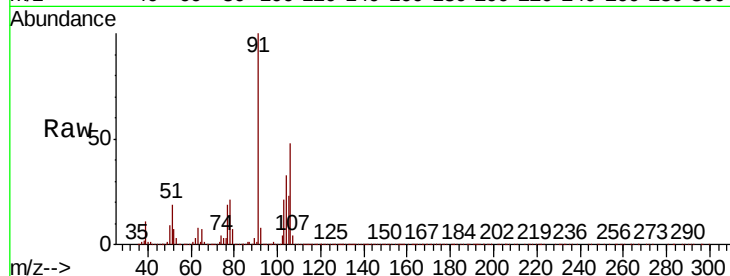
#69
o-Xylene
Concen: 49.054 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 490458
Ion Ratio Lower Upper
106 100
91 210.6 104.1 312.2

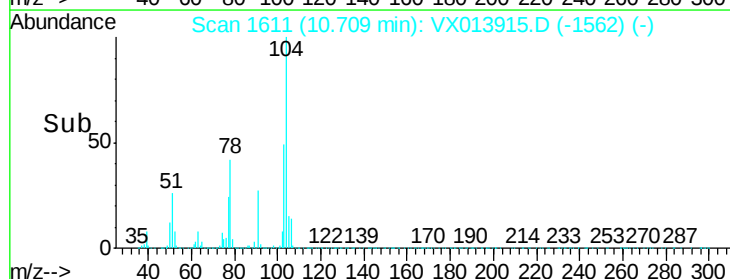
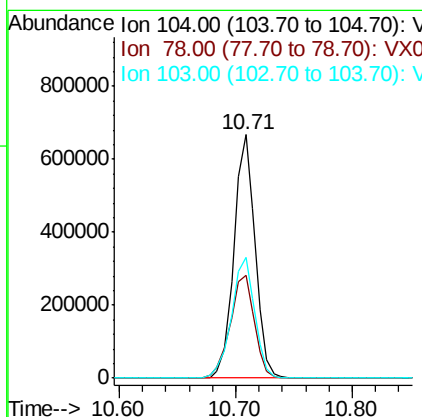
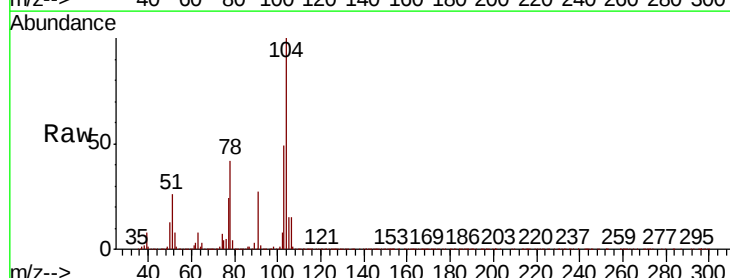
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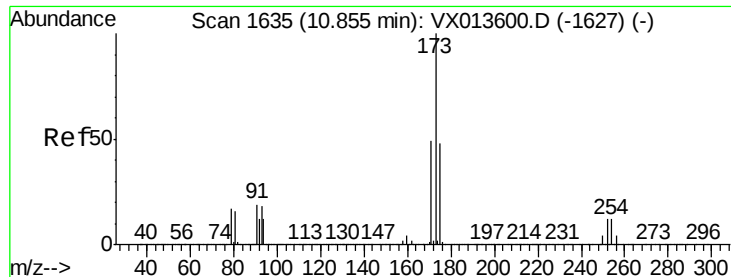
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#70
Styrene
Concen: 50.123 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion:104 Resp: 843007
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.4 43.7 65.5





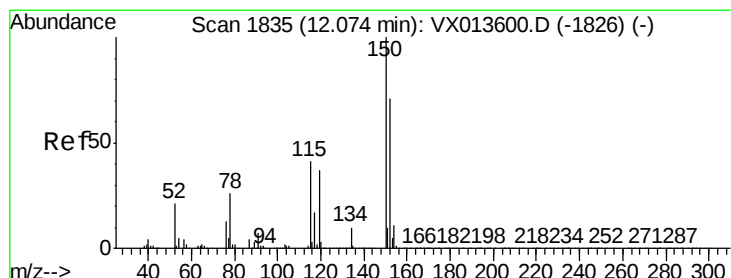
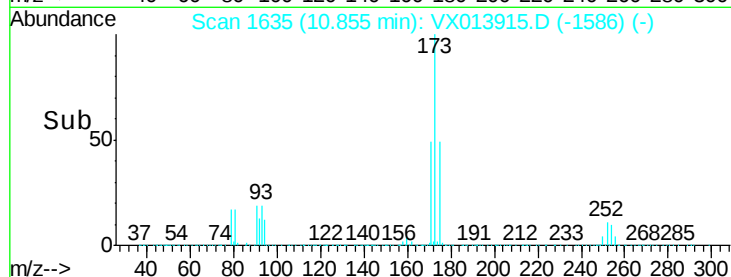
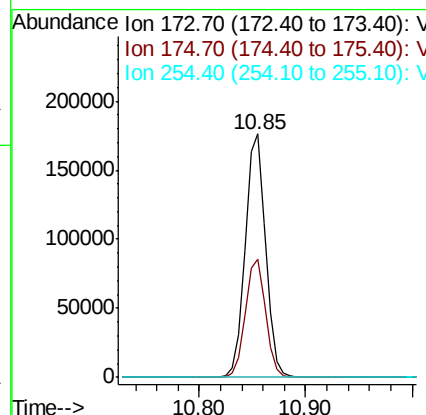
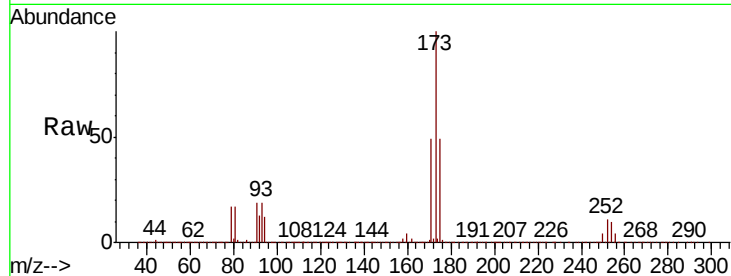
#71
Bromoform
Concen: 51.101 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.2	0.2	0.4

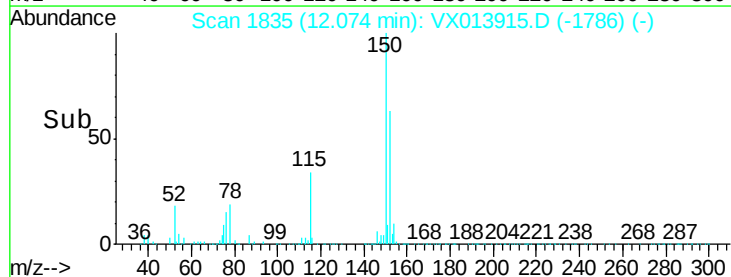
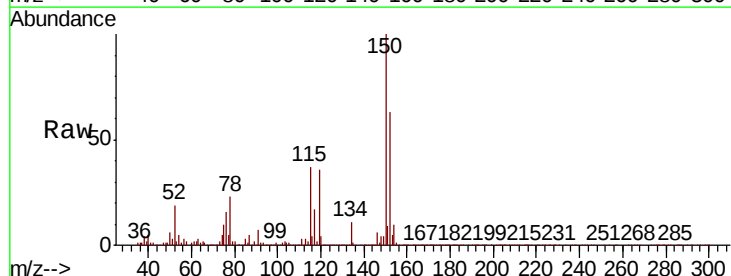
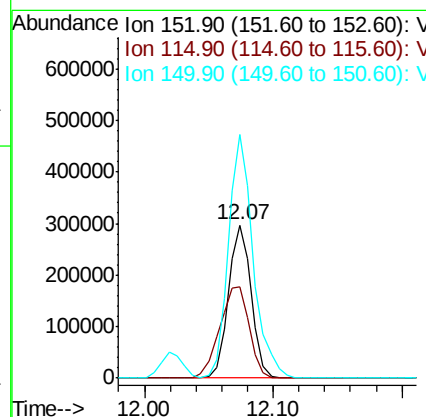
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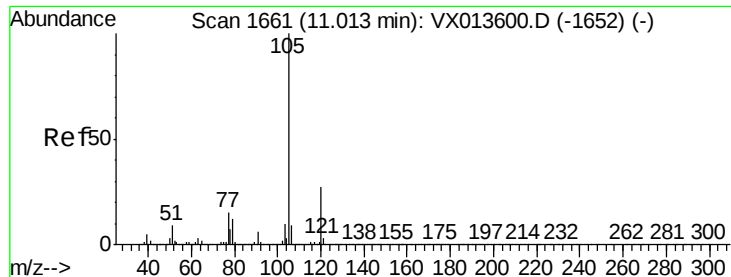
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	38.4	115.1
150	172.3	0.0	346.8





#73

Isopropylbenzene

Concen: 50.107 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1294458

Ion Ratio Lower Upper

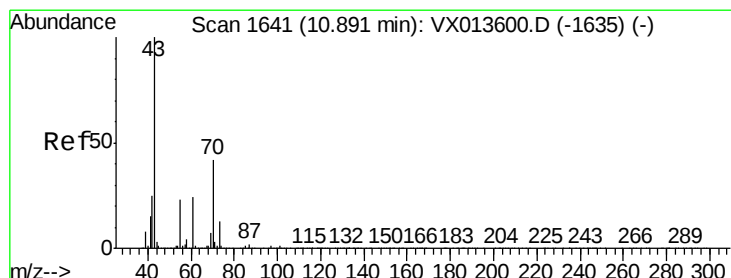
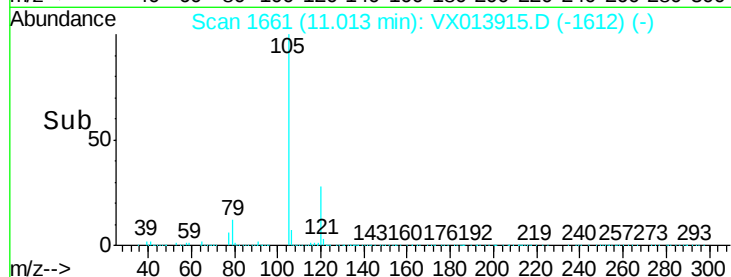
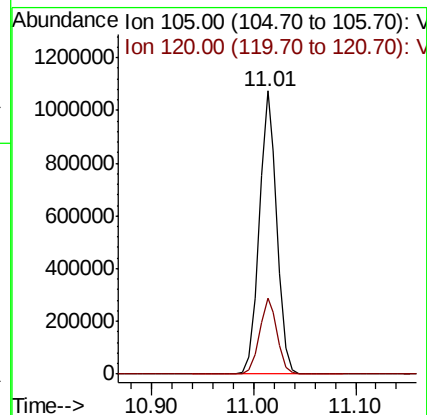
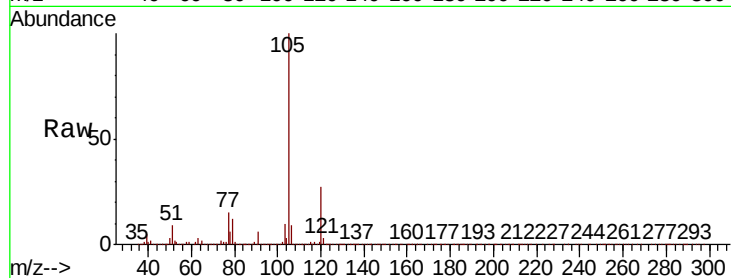
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 51.432 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion: 43 Resp: 608651

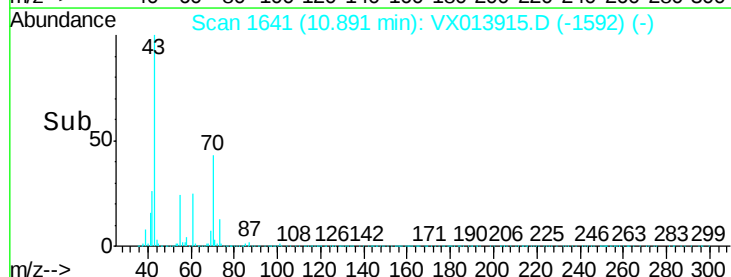
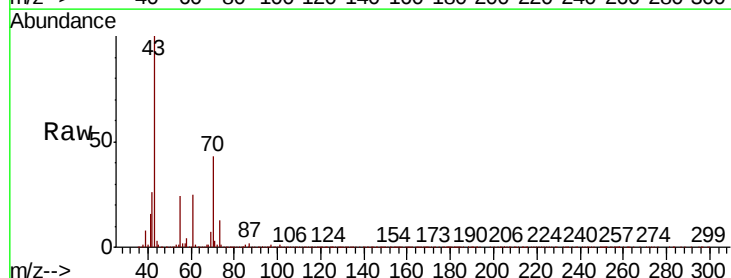
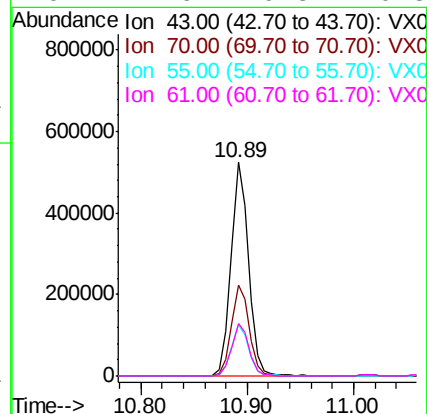
Ion Ratio Lower Upper

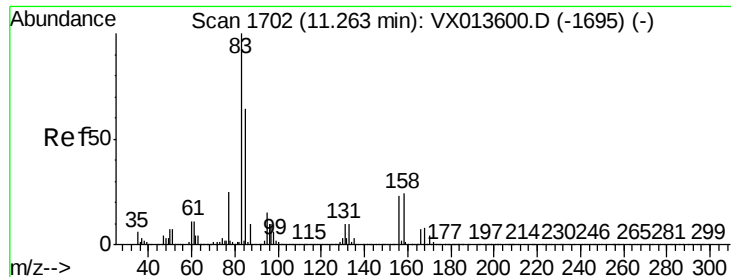
43 100

70 43.0 34.3 51.5

55 24.5 18.5 27.7

61 24.6 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.704 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

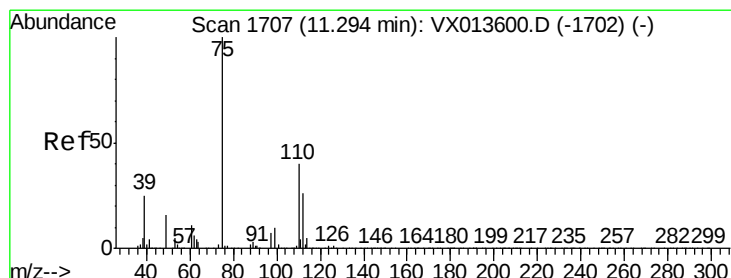
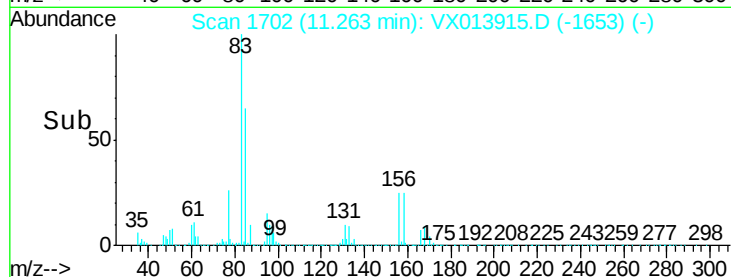
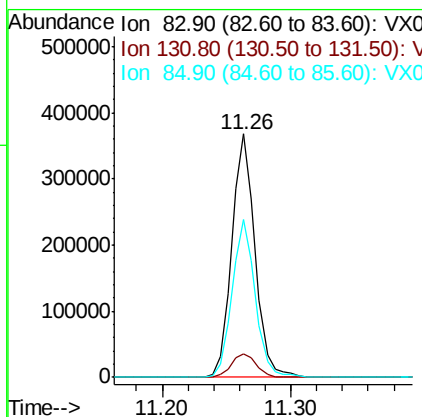
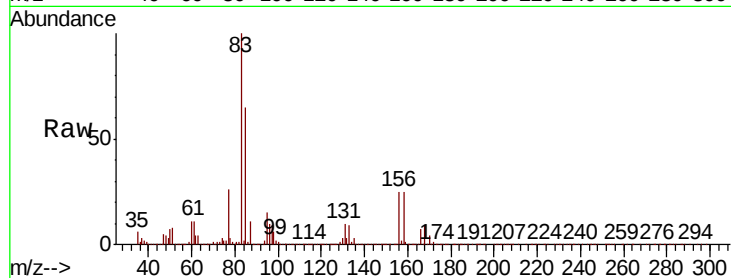
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	463216
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.6	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 51.843 ug/l m

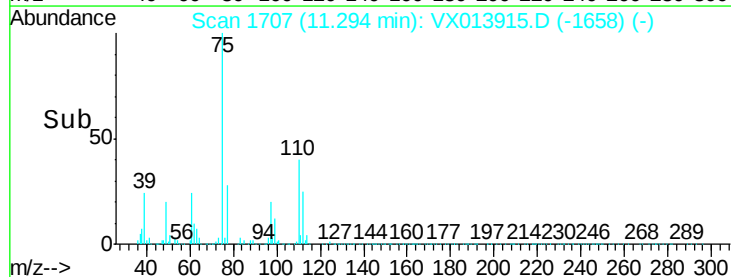
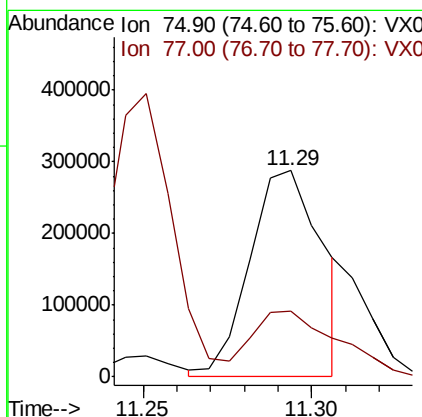
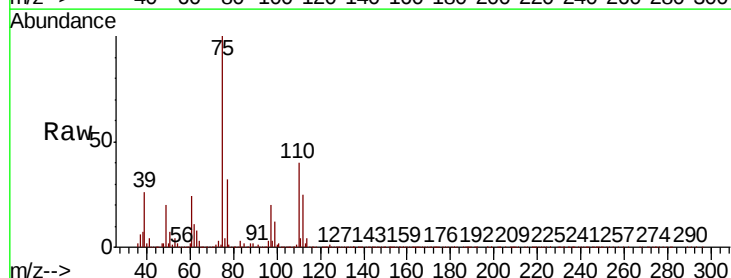
RT: 11.29 min Scan# 1707

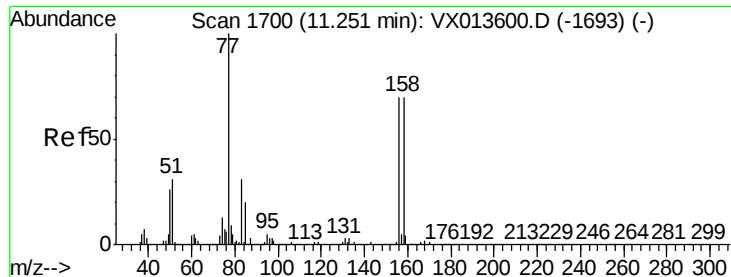
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	75	Resp:	429435
Ion Ratio	Lower	Upper	
75	100		
77	37.6	19.1	57.5





#77

Bromobenzene

Concen: 49.161 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

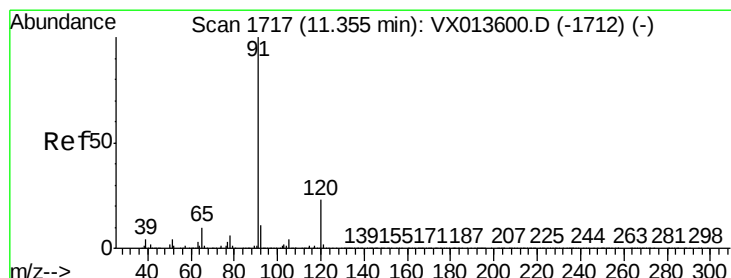
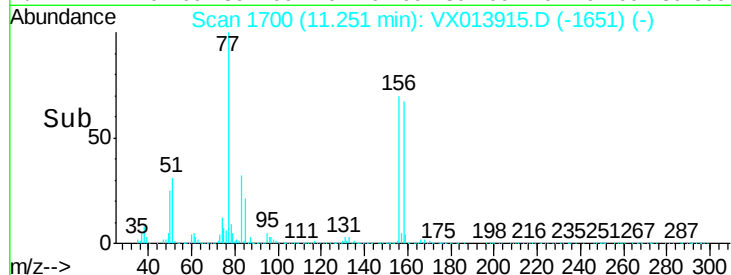
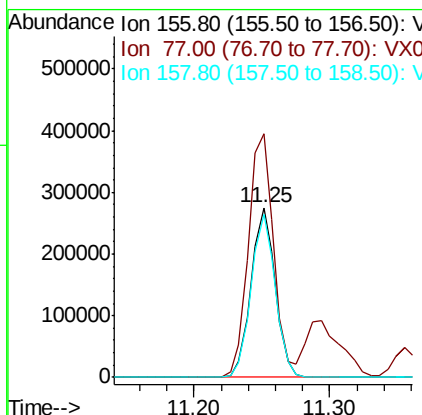
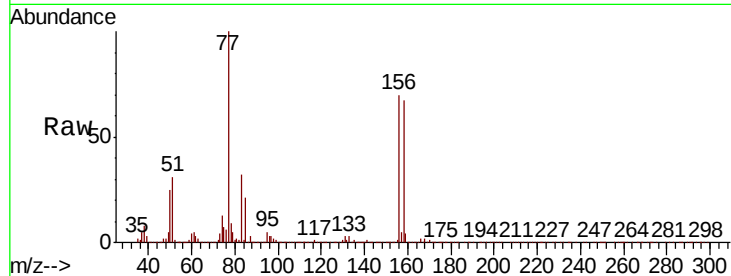
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	343101
Ion Ratio	Lower	Upper	
156	100		
77	150.4	74.4	223.1
158	96.8	48.9	146.6

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#78

n-propylbenzene

Concen: 50.491 ug/l

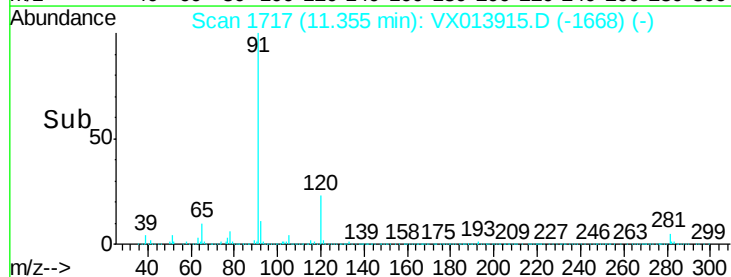
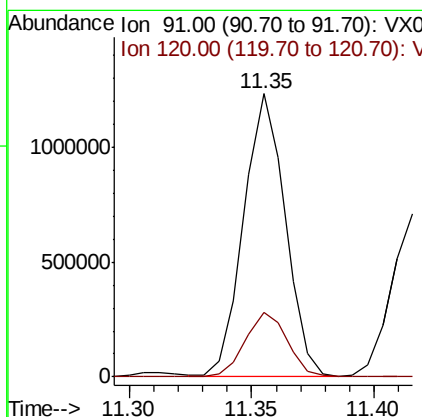
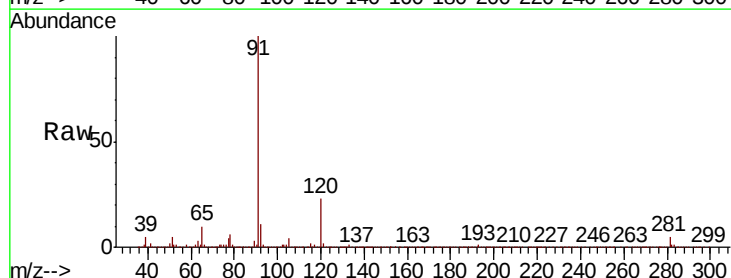
RT: 11.35 min Scan# 1717

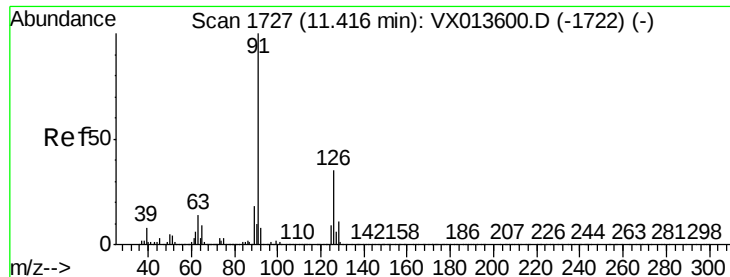
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	91	Resp:	1456098
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.3





#79

2-Chlorotoluene

Concen: 50.496 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 873543

Ion Ratio Lower Upper

91 100

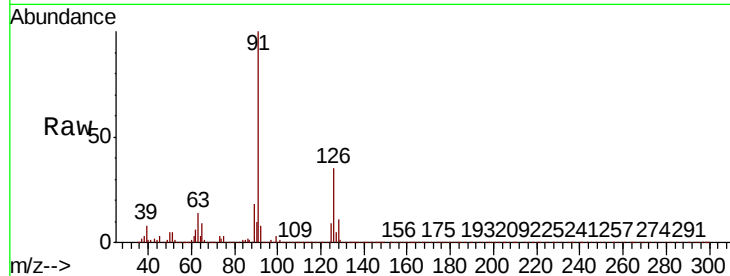
126 35.0 17.5 52.5

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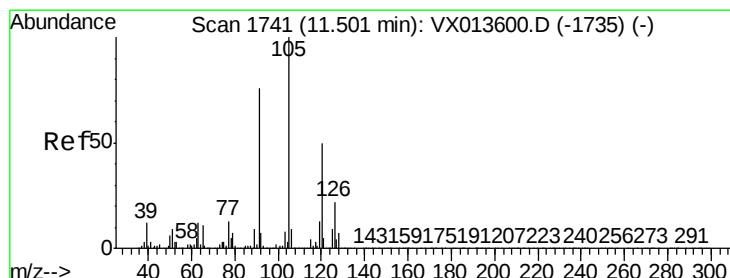
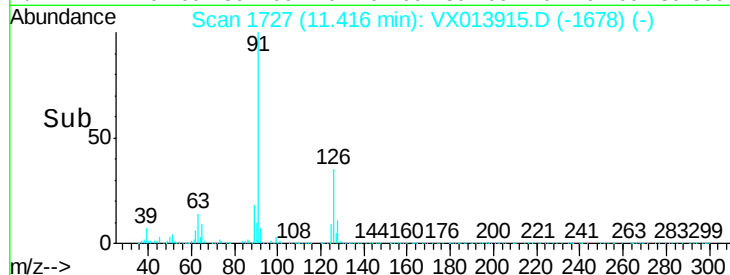
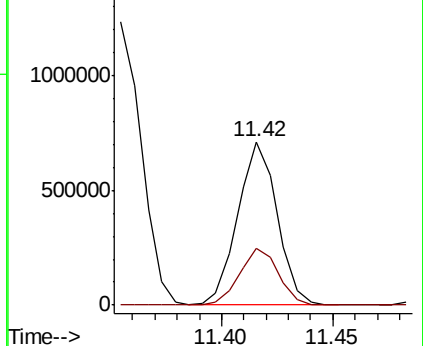
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Abundance Ion 91.00 (90.70 to 91.70): VX013915.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX013915.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.101 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013915.D

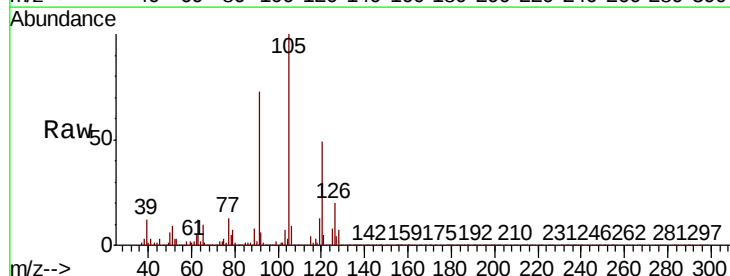
Acq: 10 Dec 2019 22:13

Tgt Ion: 105 Resp: 1081966

Ion Ratio Lower Upper

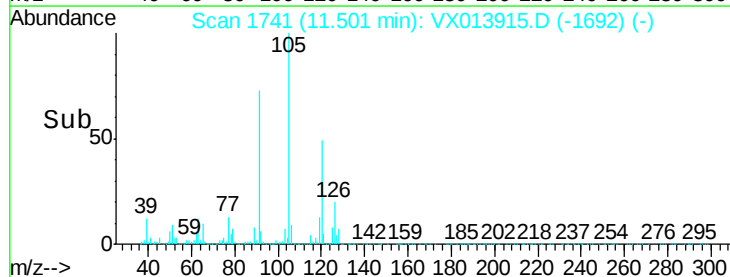
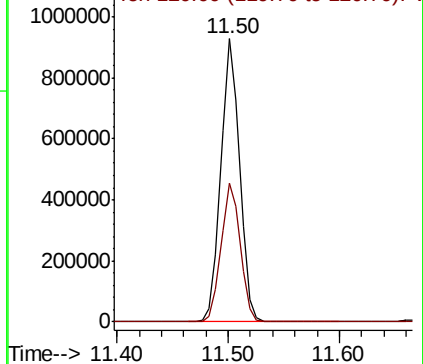
105 100

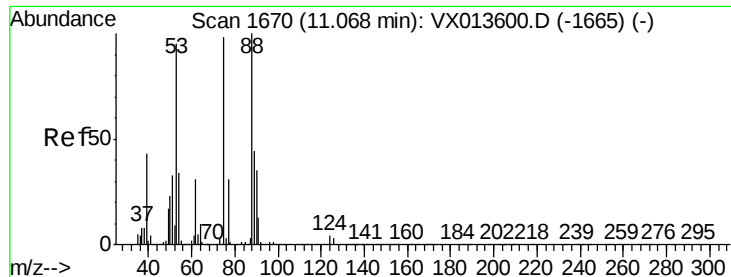
120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013915.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX013915.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.306 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

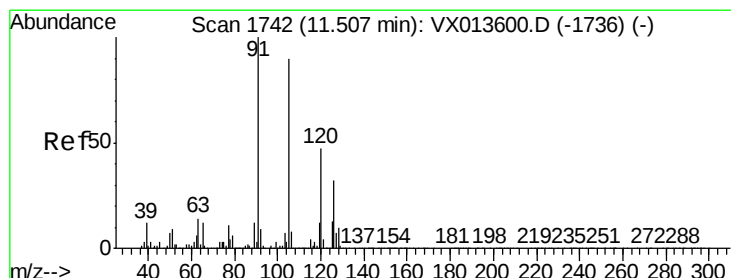
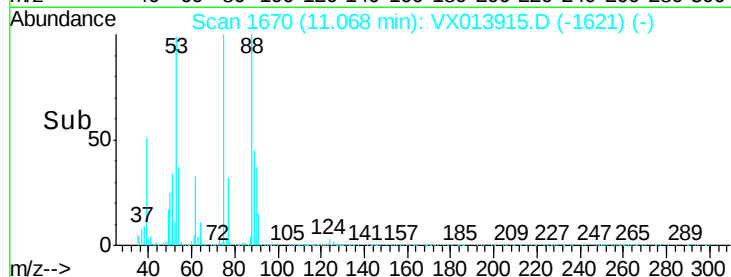
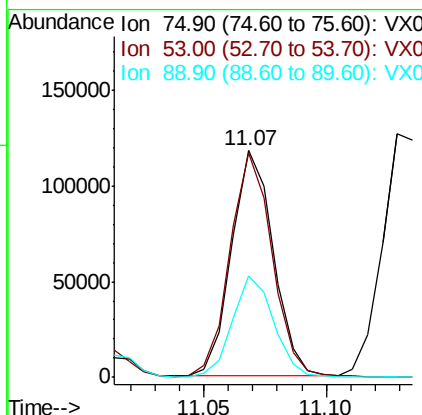
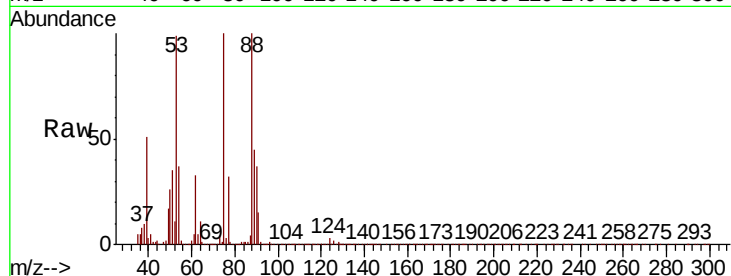
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	140202
Ion Ratio	Lower	Upper	
75	100		
53	100.5	78.2	117.2
89	45.1	35.4	53.2

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#82

4-Chlorotoluene

Concen: 49.634 ug/l

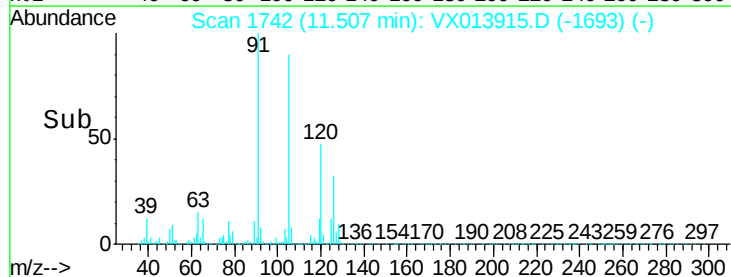
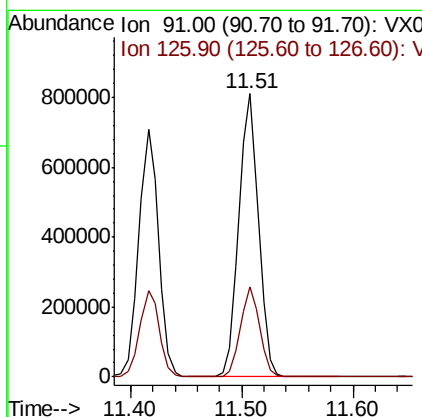
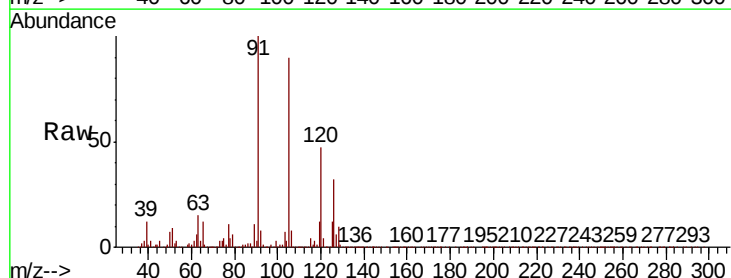
RT: 11.51 min Scan# 1742

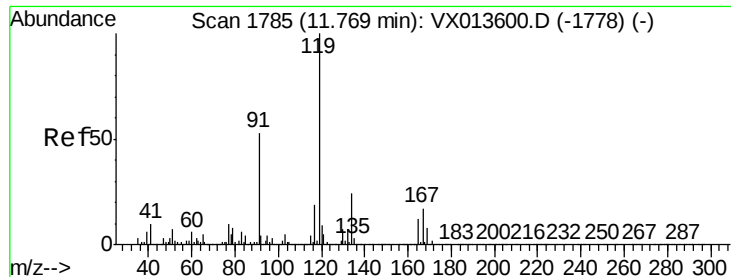
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	91	Resp:	994486
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.7	47.0





#83

tert-Butylbenzene

Concen: 49.949 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1074805

Ion Ratio Lower Upper

119 100

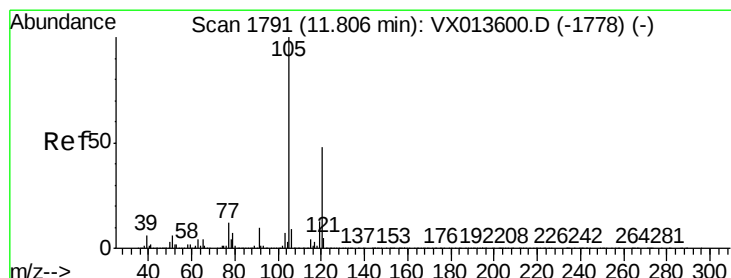
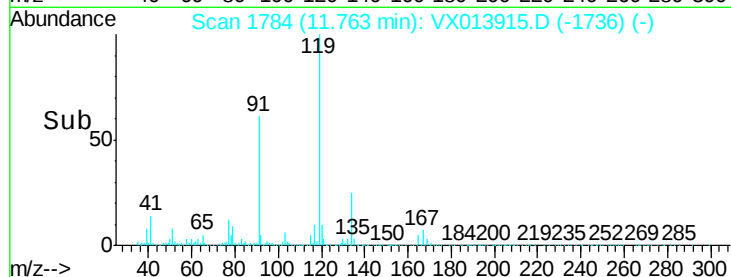
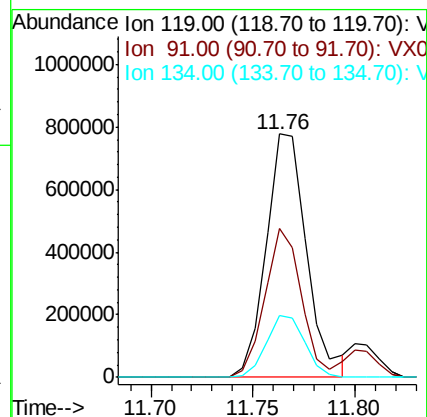
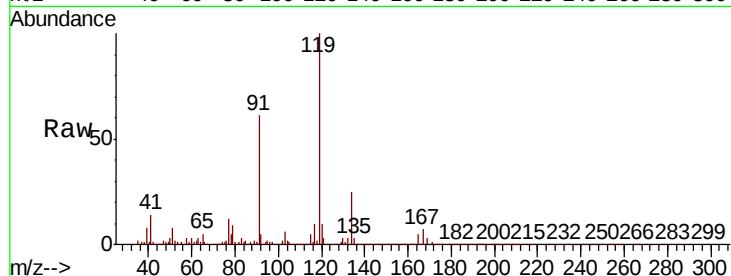
91 54.9 27.2 81.6

134 24.2 11.7 35.1

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#84

1,2,4-Trimethylbenzene

Concen: 50.647 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013915.D

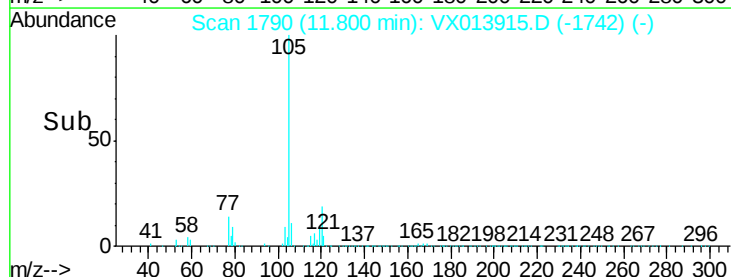
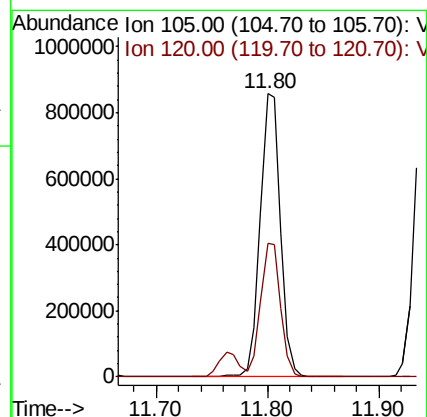
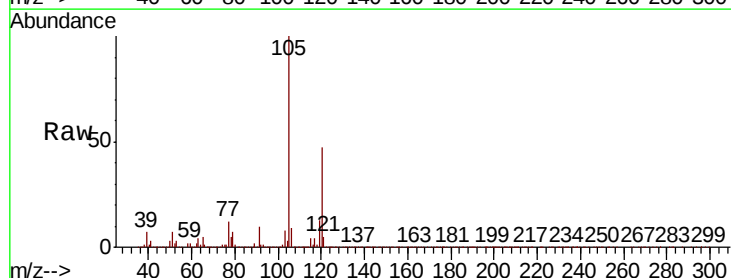
Acq: 10 Dec 2019 22:13

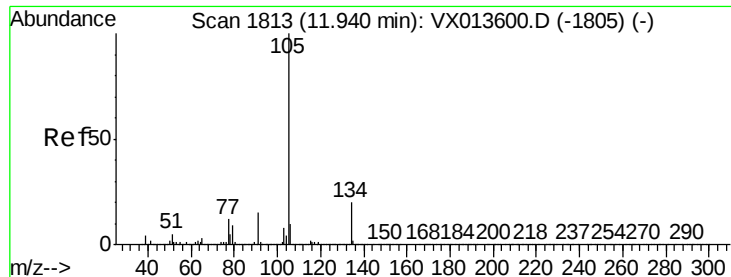
Tgt Ion:105 Resp: 1088335

Ion Ratio Lower Upper

105 100

120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.880 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1250560

Ion Ratio Lower Upper

105 100

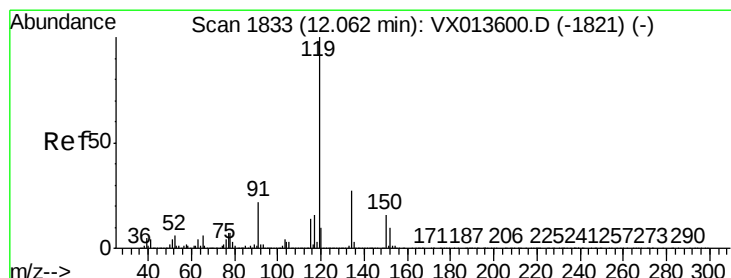
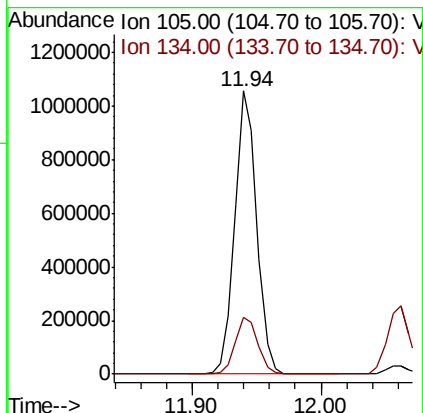
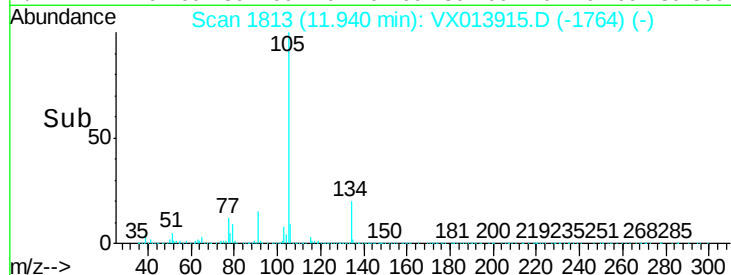
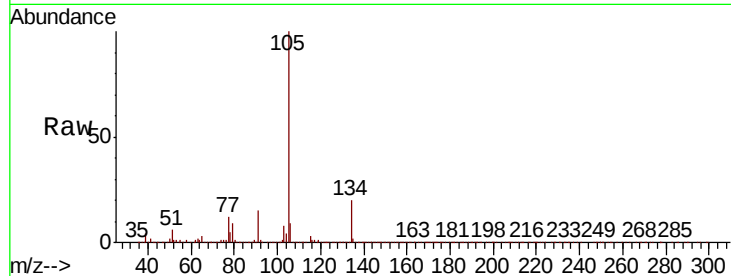
134 20.7 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 50.043 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

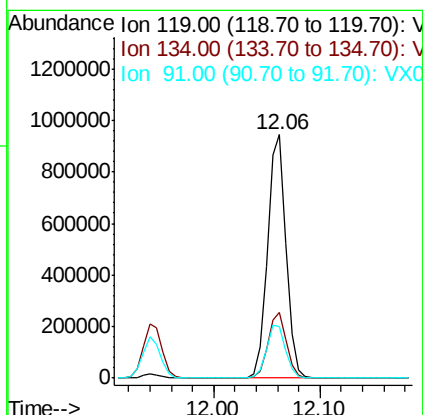
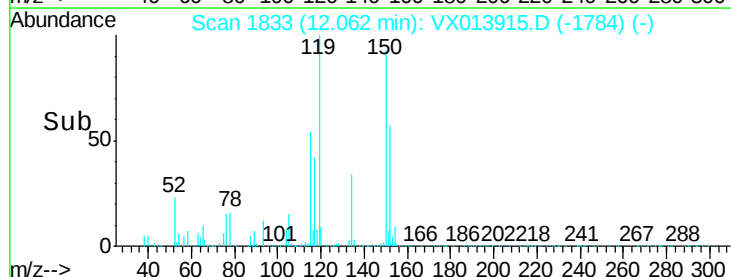
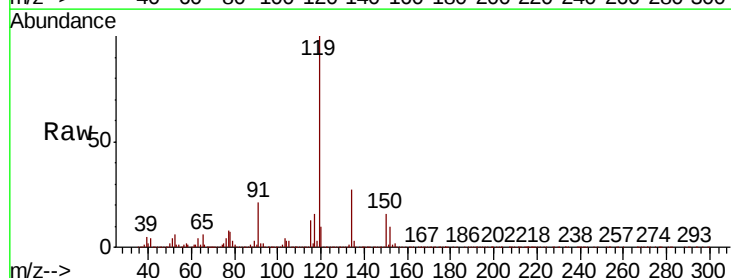
Tgt Ion:119 Resp: 1144254

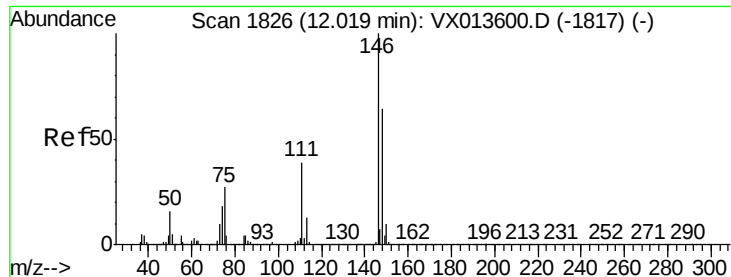
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.6 11.3 33.8





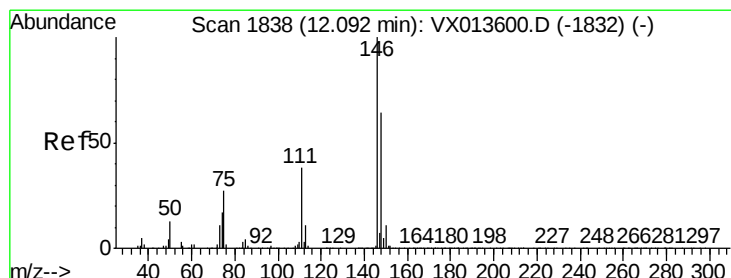
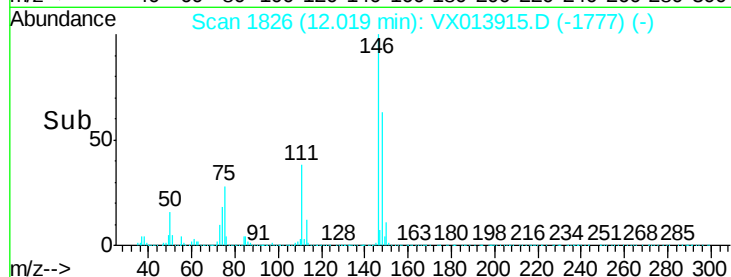
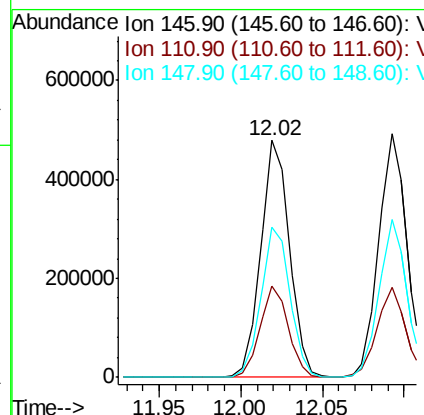
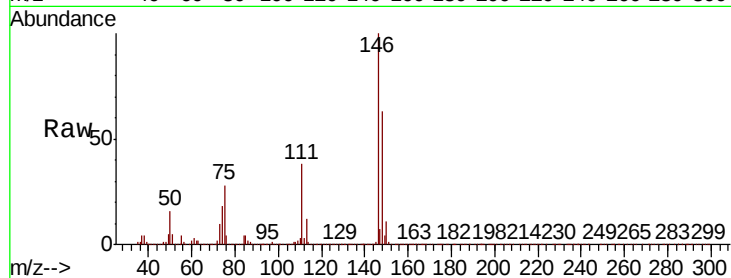
#87
 1,3-Dichlorobenzene
 Concen: 48.484 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	64.0	31.8	95.4

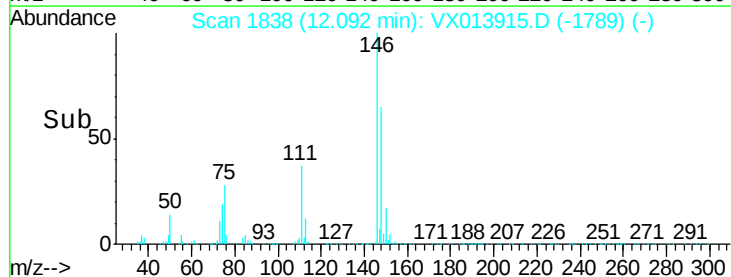
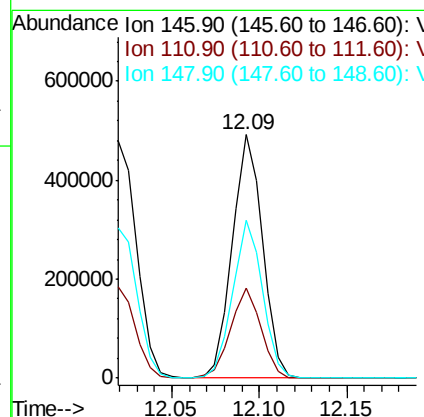
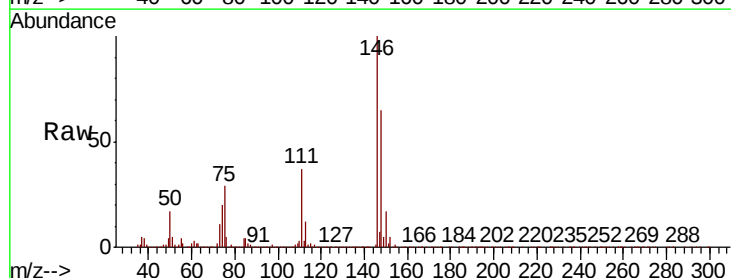
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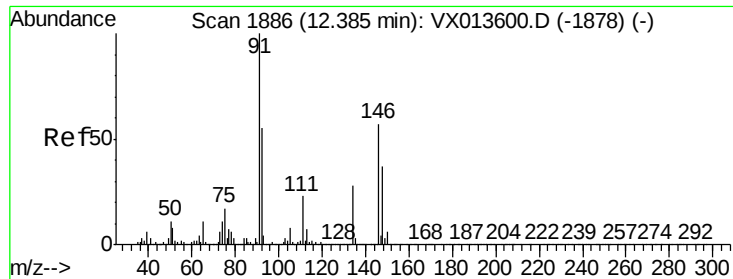
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#88
 1,4-Dichlorobenzene
 Concen: 47.739 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	64.1	31.9	95.5





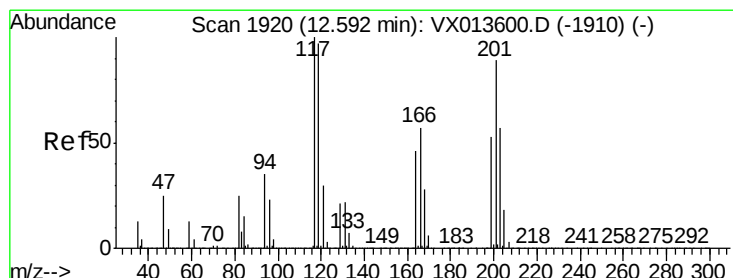
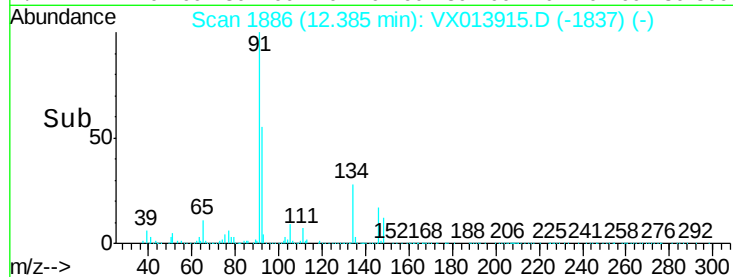
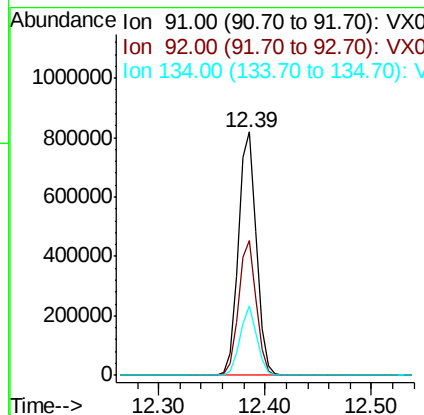
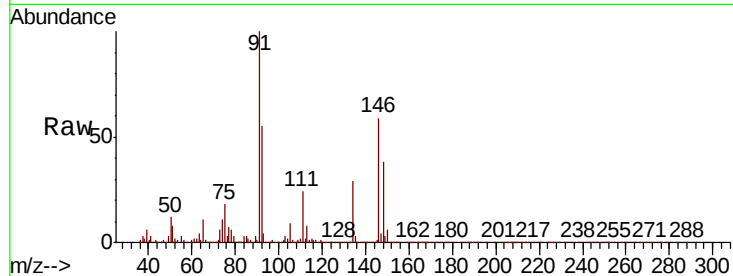
#89
n-Butylbenzene
Concen: 49.693 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	91	Resp:	969111
Ion Ratio	Lower	Upper	
91	100		
92	54.4	27.4	82.2
134	26.7	13.5	40.4

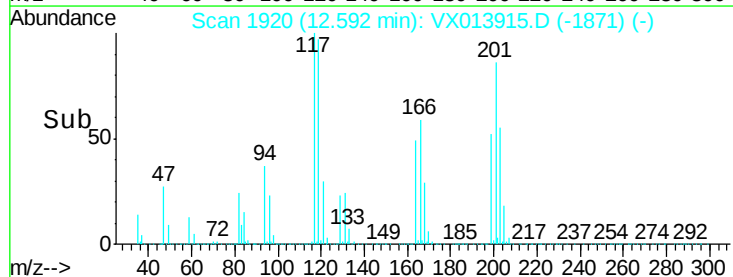
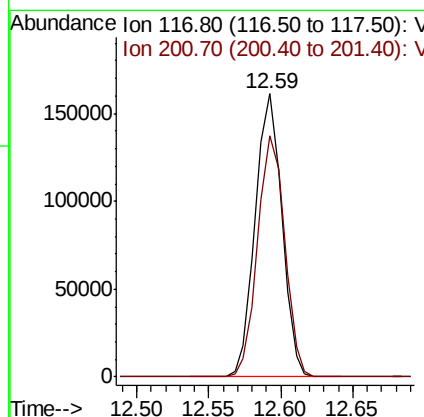
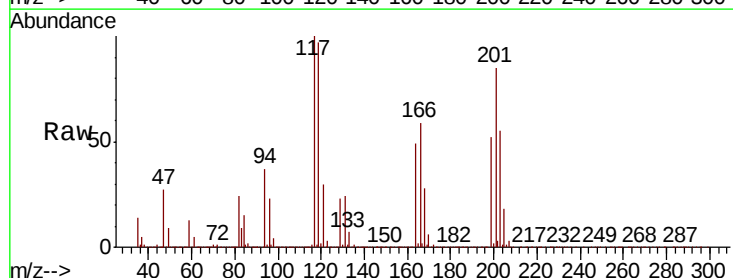
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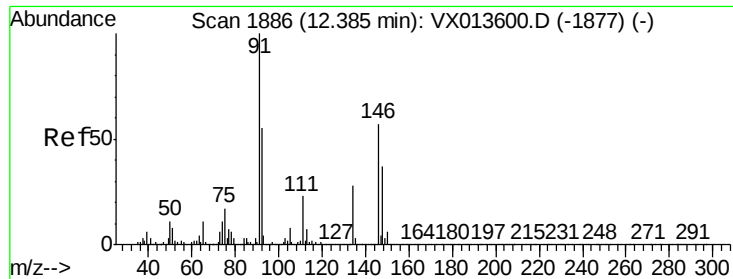
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#90
Hexachloroethane
Concen: 49.797 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013915.D
Acq: 10 Dec 2019 22:13

Tgt Ion:	117	Resp:	205808
Ion Ratio	Lower	Upper	
117	100		
201	86.8	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 49.885 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

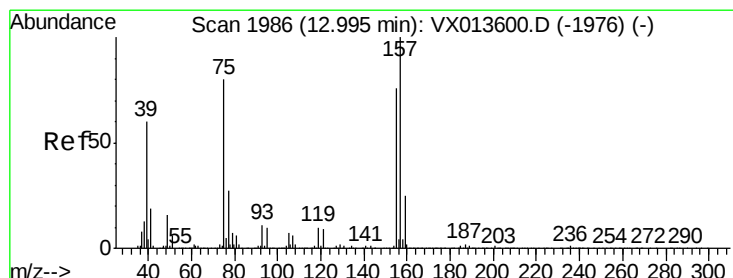
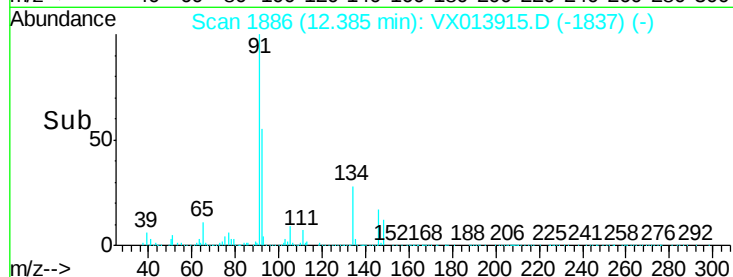
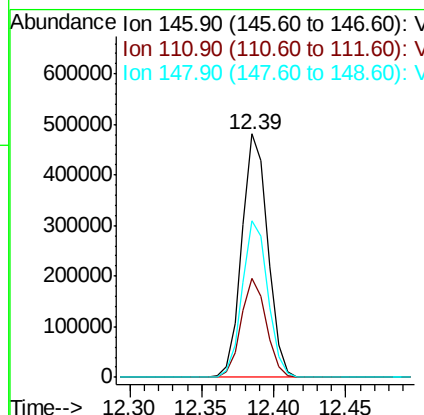
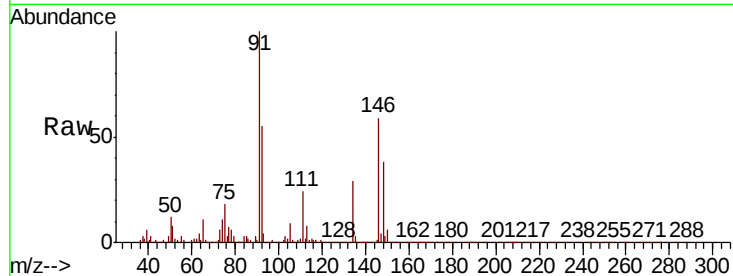
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	599629
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.6	58.7
148	63.6	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.855 ug/l

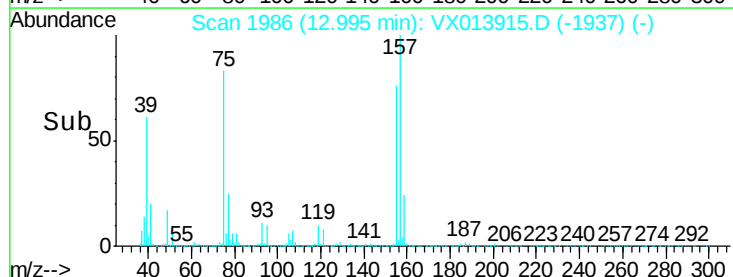
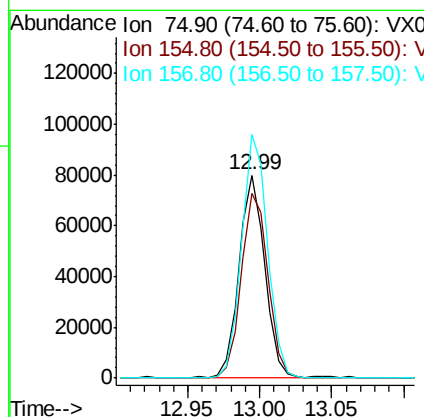
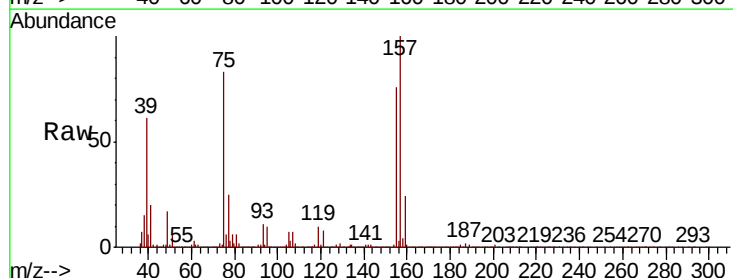
RT: 12.99 min Scan# 1886

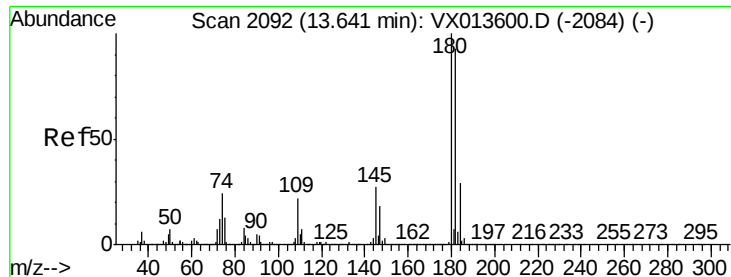
Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	75	Resp:	99217
Ion Ratio	Lower	Upper	
75	100		
155	94.6	47.6	142.8
157	121.5	62.1	186.2





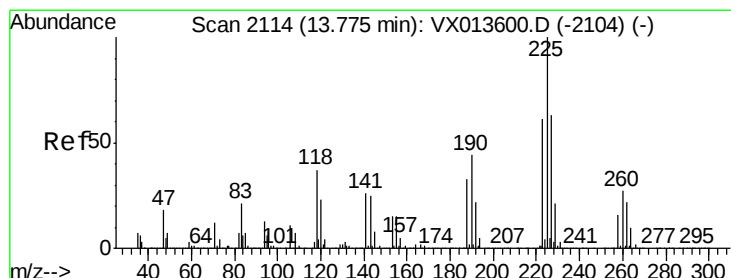
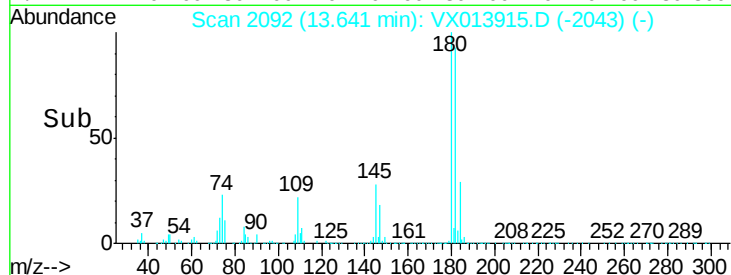
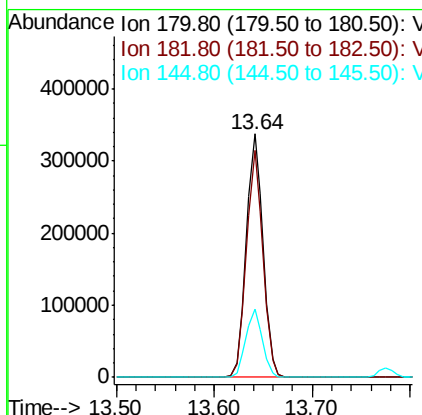
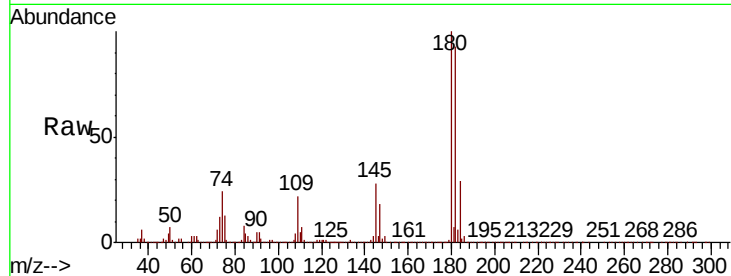
#93
 1,2,4-Trichlorobenzene
 Concen: 47.867 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	400993		
182	91.9	47.2	141.6	
145	27.9	13.8	41.4	

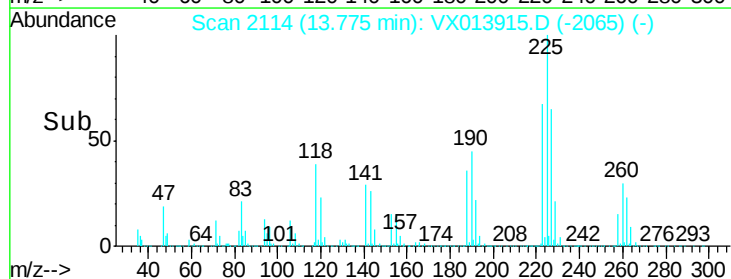
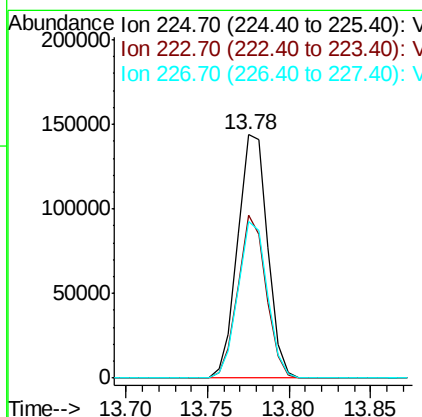
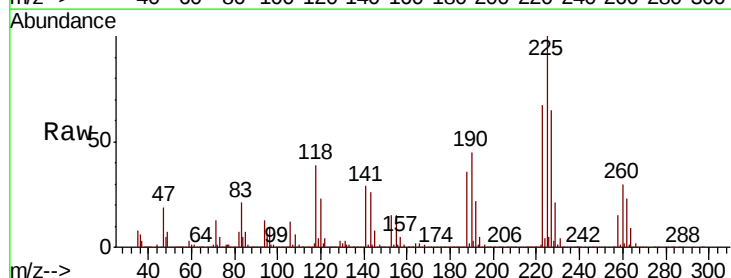
Manual Integrations
 APPROVED

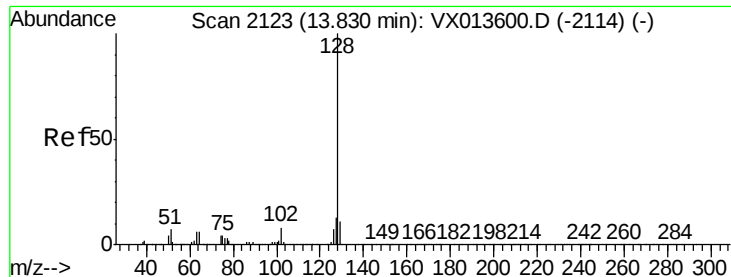
apatel
 12/11/2019 2:14:13 PM



#94
 Hexachlorobutadiene
 Concen: 45.736 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013915.D
 Acq: 10 Dec 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	184051		
223	63.4	31.9	95.5	
227	63.4	32.1	96.3	





#95

Naphthalene

Concen: 50.874 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Instrument :

MSVOA_X

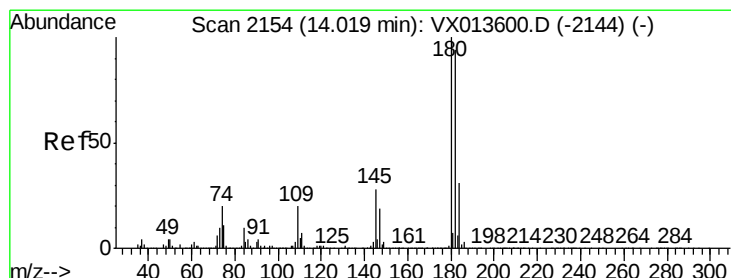
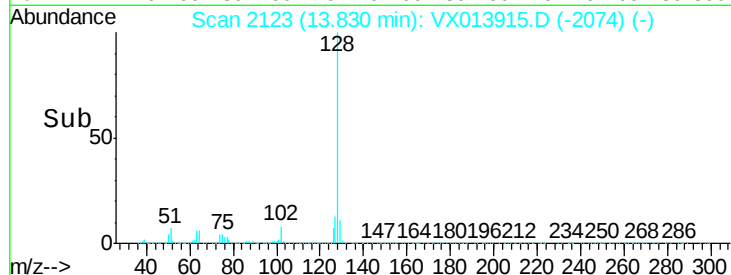
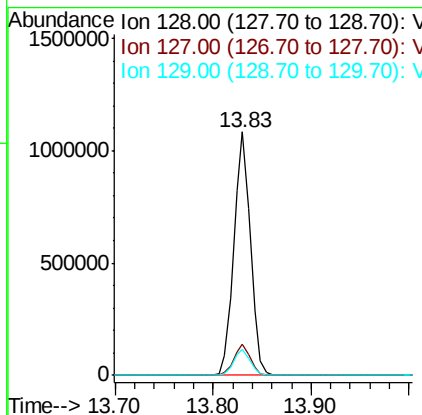
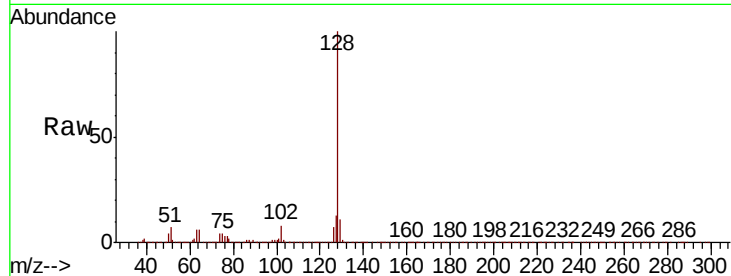
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1269176
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 2:14:13 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.975 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013915.D

Acq: 10 Dec 2019 22:13

Tgt Ion:	180	Resp:	406221
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.8
145	29.1	15.0	45.0

