

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013763.D
 Acq On : 04 Dec 2019 20:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 12/5/2019 11:25:27 AM

Quant Time: Dec 05 04:21:57 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	638698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	977111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	884931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	348647	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.49	113	297509	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	1115561	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.14	95	406516	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	333080	46.853	ug/l	99
3) Chloromethane	1.32	50	362191	45.405	ug/l	99
4) Vinyl Chloride	1.40	62	436826	48.654	ug/l	98
5) Bromomethane	1.63	94	250538	41.552	ug/l	98
6) Chloroethane	1.71	64	237568	46.500	ug/l	97
7) Trichlorofluoromethane	1.92	101	476086	47.755	ug/l	100
8) Diethyl Ether	2.18	74	226246	50.162	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	283176	46.503	ug/l	98
10) Methyl Iodide	2.50	142	326779	44.362	ug/l	99
11) Tert butyl alcohol	3.04	59	428714	234.273	ug/l	99
12) 1,1-Dichloroethene	2.36	96	294467	48.446	ug/l	97
13) Acrolein	2.28	56	289704	237.037	ug/l	99
14) Allyl chloride	2.72	41	521549	47.282	ug/l	99
15) Acrylonitrile	3.13	53	910341	240.997	ug/l	100
16) Acetone	2.44	43	792160	216.419	ug/l	99
17) Carbon Disulfide	2.56	76	769498	44.409	ug/l	99
18) Methyl Acetate	2.76	43	529355	51.936	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1002220	49.772	ug/l	98
20) Methylene Chloride	2.84	84	333478	47.422	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	311047	46.974	ug/l	99
22) Diisopropyl ether	3.84	45	1044960	49.198	ug/l	97
23) Vinyl Acetate	3.80	43	4304537	243.617	ug/l	100
24) 1,1-Dichloroethane	3.69	63	563993	48.574	ug/l	98
25) 2-Butanone	4.66	43	1299745	238.928	ug/l	97
26) 2,2-Dichloropropane	4.57	77	433355	45.110	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	365637	48.083	ug/l	98
28) Bromochloromethane	5.00	49	230700	50.279	ug/l	100
29) Tetrahydrofuran	5.12	42	829909	247.473	ug/l	99
30) Chloroform	5.20	83	618089	52.490	ug/l	95
31) Cyclohexane	5.57	56	497364	45.415	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	485512	49.339	ug/l	99
36) 1,1-Dichloropropene	5.79	75	420936	47.458	ug/l	100
37) Ethyl Acetate	4.82	43	495145	49.761	ug/l	99
38) Carbon Tetrachloride	5.78	117	409446	50.063	ug/l	100

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 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)
39) Methylcyclohexane	7.46	83	499676	45.575	ug/l	99
40) Benzene	6.14	78	1293498	47.882	ug/l	98
41) Methacrylonitrile	5.03	41	274218	50.251	ug/l	98
42) 1,2-Dichloroethane	6.18	62	462192	50.168	ug/l	100
43) Isopropyl Acetate	6.43	43	806959	49.260	ug/l	100
44) Trichloroethene	7.21	130	352868	47.595	ug/l	98
45) 1,2-Dichloropropane	7.51	63	338981	50.153	ug/l	95
46) Dibromomethane	7.65	93	221778	48.313	ug/l	99
47) Bromodichloromethane	7.89	83	449676	51.817	ug/l	99
48) Methyl methacrylate	7.76	41	403328	50.673	ug/l	98
49) 1,4-Dioxane	7.73	88	184606	1036.164	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2572761	249.675	ug/l	100
52) Toluene	8.78	92	815303	48.581	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	489395	49.545	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	541416	50.170	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	338869	50.107	ug/l	98
56) Ethyl methacrylate	9.17	69	552635	50.826	ug/l	98
57) 1,3-Dichloropropane	9.37	76	564019	48.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1020112	239.290	ug/l	98
59) 2-Hexanone	9.49	43	1990673	247.698	ug/l	99
60) Dibromochloromethane	9.58	129	363785	51.832	ug/l	100
61) 1,2-Dibromoethane	9.67	107	354889	49.132	ug/l	99
64) Tetrachloroethene	9.33	164	306975	46.516	ug/l	99
65) Chlorobenzene	10.14	112	886900	48.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	335032	50.781	ug/l	100
67) Ethyl Benzene	10.25	91	1565965	49.600	ug/l	98
68) m/p-Xylenes	10.35	106	1187766	98.264	ug/l	100
69) o-Xylene	10.70	106	591682	50.190	ug/l	99
70) Styrene	10.71	104	1011159	50.989	ug/l	99
71) Bromoform	10.85	173	289697	53.068	ug/l	99
73) Isopropylbenzene	11.01	105	1536278	49.223	ug/l	100
74) N-amyl acetate	10.89	43	727288	50.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	546794	50.518	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	424876m	42.456	ug/l	
77) Bromobenzene	11.25	156	410803	48.722	ug/l	99
78) n-propylbenzene	11.35	91	1715239	49.231	ug/l	99
79) 2-Chlorotoluene	11.42	91	1012524	48.446	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1286438	50.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	180608	49.375	ug/l	98
82) 4-Chlorotoluene	11.51	91	1172893	48.453	ug/l	100
83) tert-Butylbenzene	11.77	119	1318510	50.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1294906	49.879	ug/l	100
85) sec-Butylbenzene	11.94	105	1471878	49.568	ug/l	100
86) p-Isopropyltoluene	12.06	119	1359734	49.223	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	718118	48.859	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	710682	47.472	ug/l	99
89) n-Butylbenzene	12.39	91	1164316	49.418	ug/l	100
90) Hexachloroethane	12.59	117	251509	50.371	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	719284	49.531	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	117909	50.025	ug/l	96

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ClientSampleId :
VSTDCCC050EC

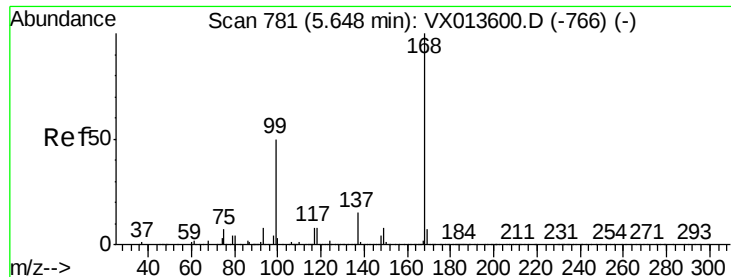
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	498174	49.223	ug/l	99
94) Hexachlorobutadiene	13.78	225	225415	46.365	ug/l	99
95) Naphthalene	13.83	128	1572103	52.160	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	502535	50.149	ug/l	99

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



#1

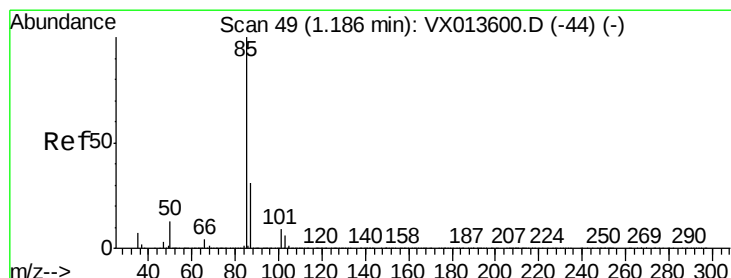
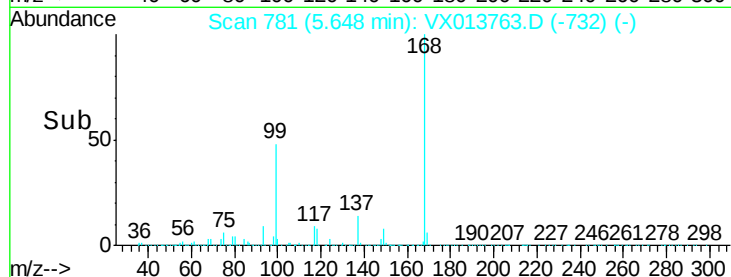
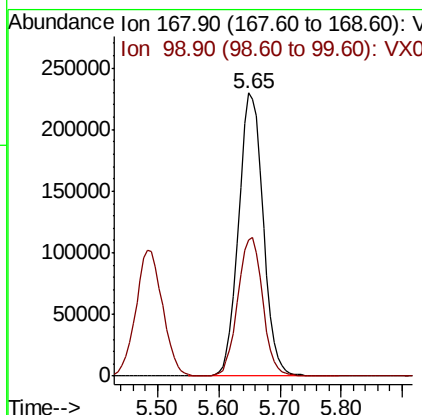
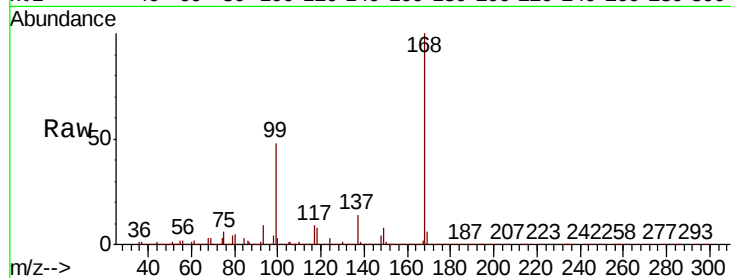
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.8	59.8

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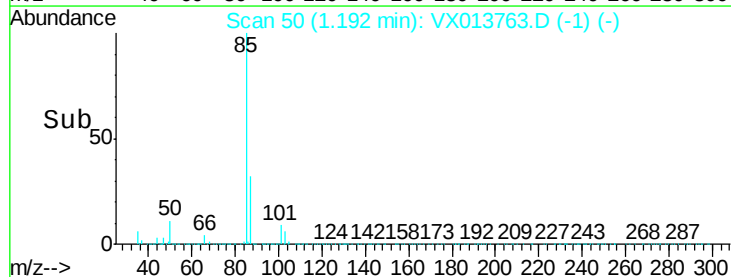
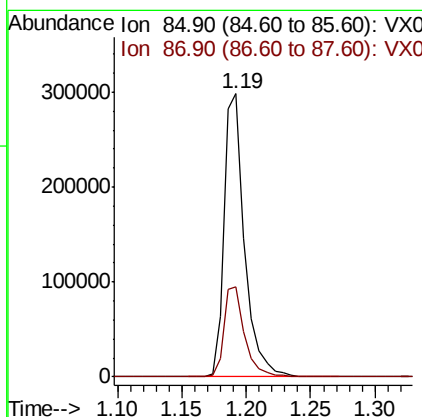
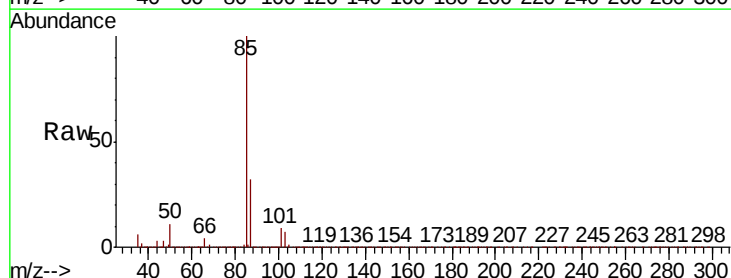
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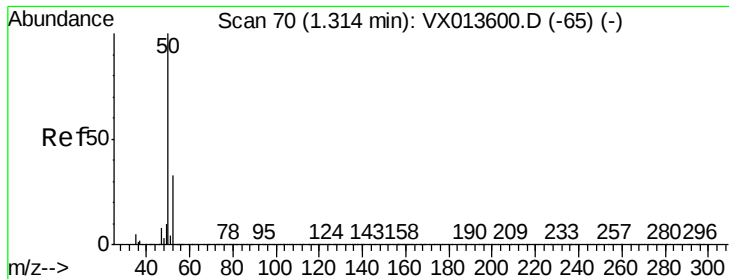


#2

Dichlorodifluoromethane
 Concen: 46.853 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.7	47.1





#3

Chloromethane

Concen: 45.405 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 362191

Ion Ratio Lower Upper

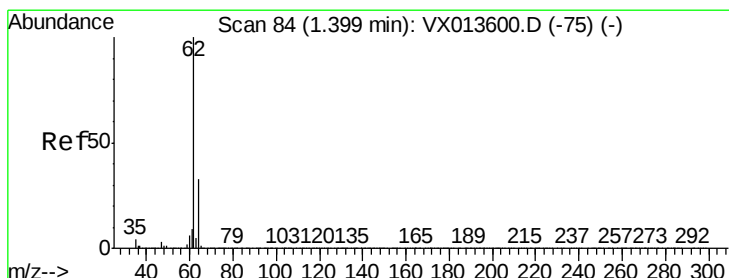
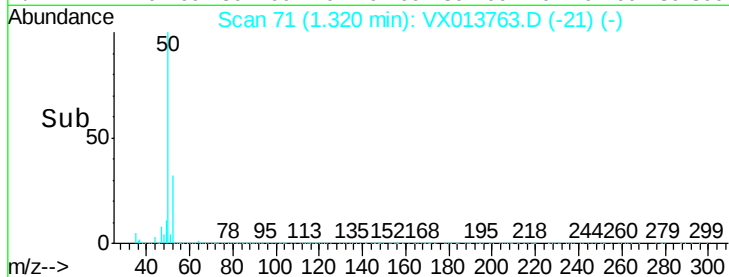
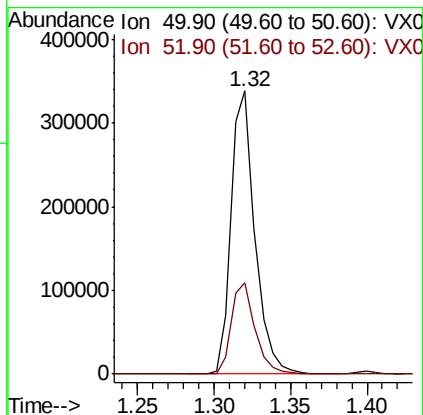
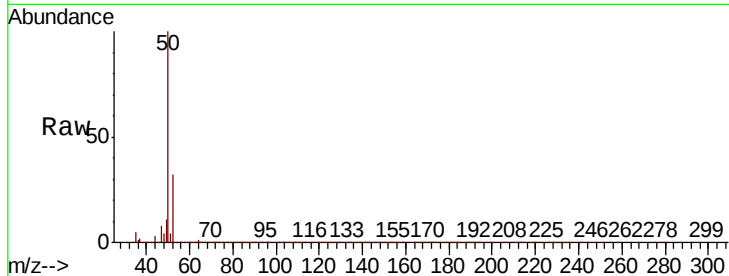
50 100

52 32.1 26.0 39.0

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#4

Vinyl Chloride

Concen: 48.654 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013763.D

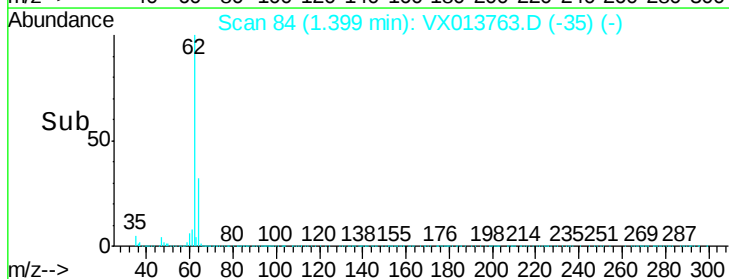
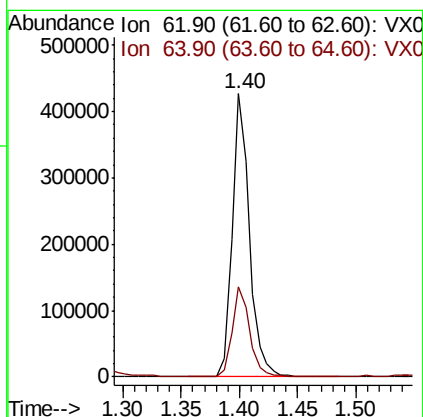
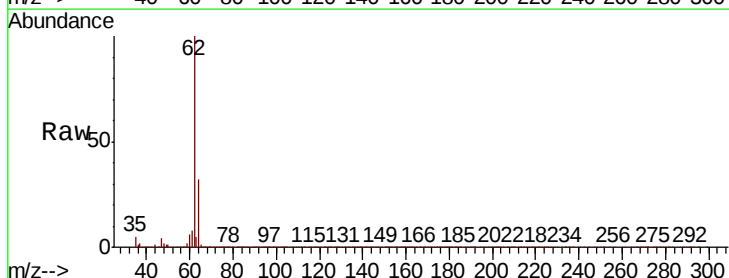
Acq: 04 Dec 2019 20:33

Tgt Ion: 62 Resp: 436826

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 41.552 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 250538

Ion Ratio Lower Upper

94 100

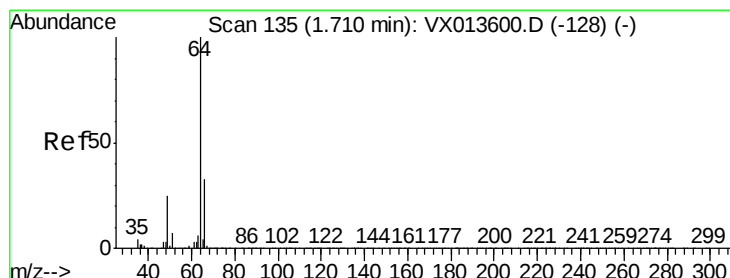
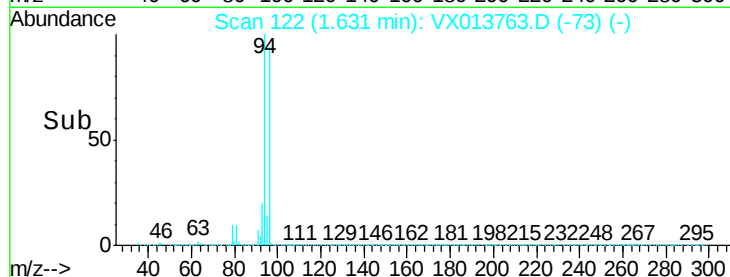
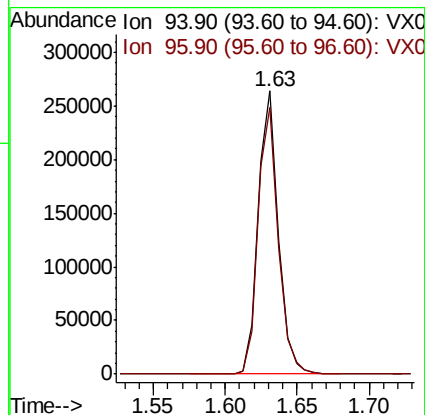
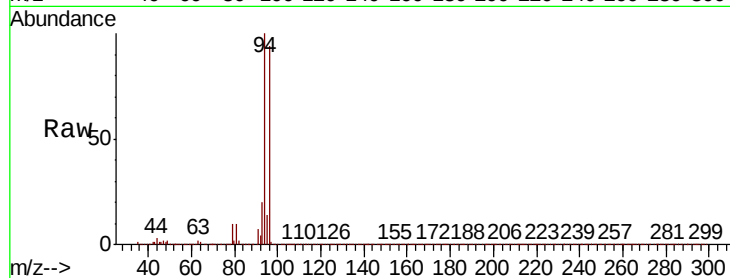
96 94.2 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 46.500 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013763.D

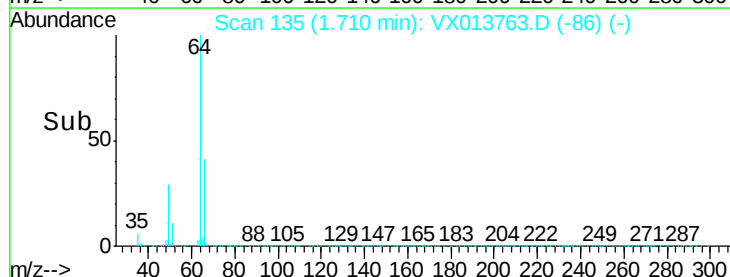
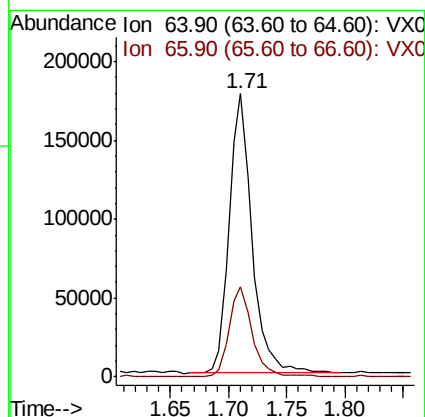
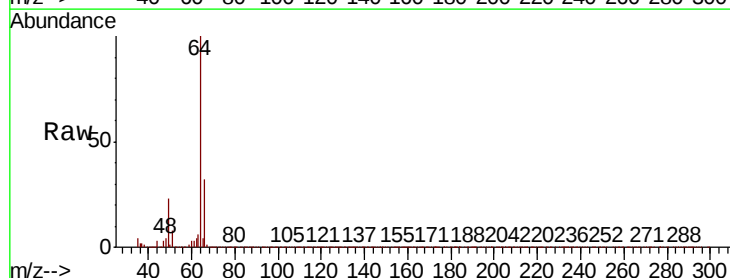
Acq: 04 Dec 2019 20:33

Tgt Ion: 64 Resp: 237568

Ion Ratio Lower Upper

64 100

66 31.9 26.7 40.1





#7

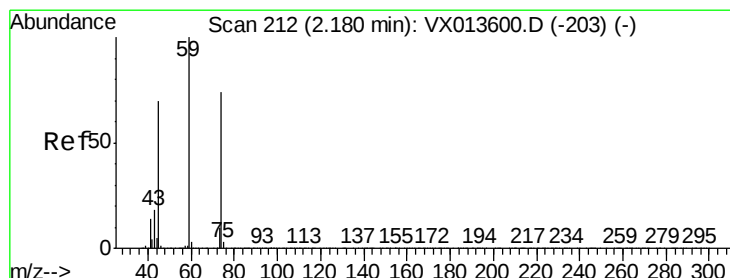
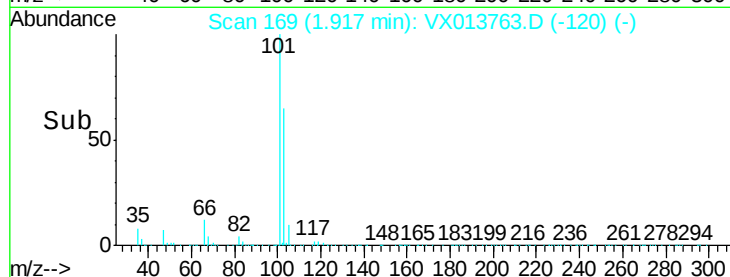
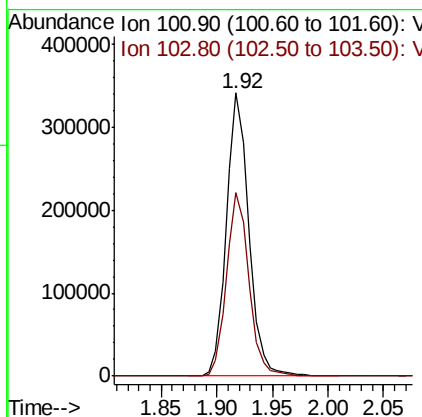
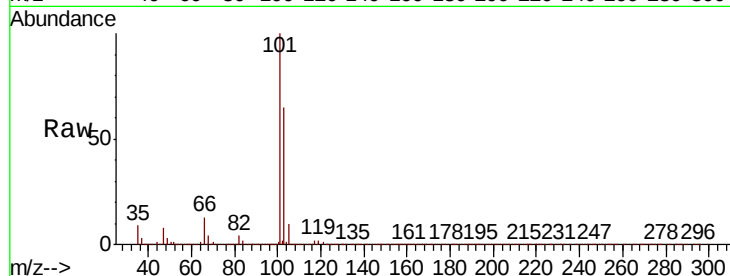
Trichlorofluoromethane
Concen: 47.755 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

Manual Integrations
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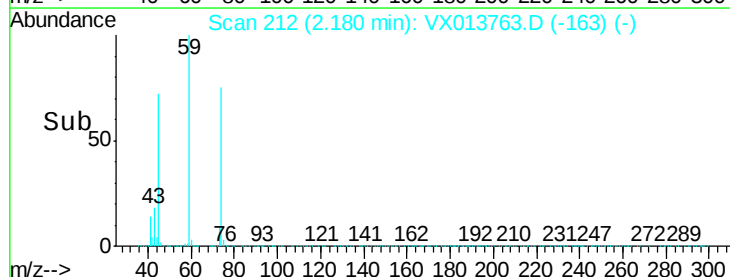
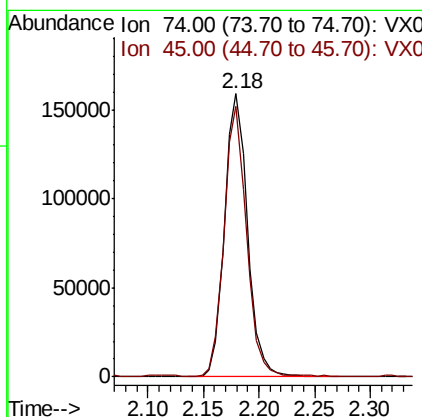
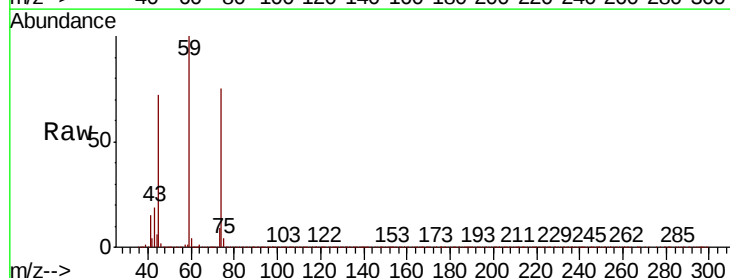
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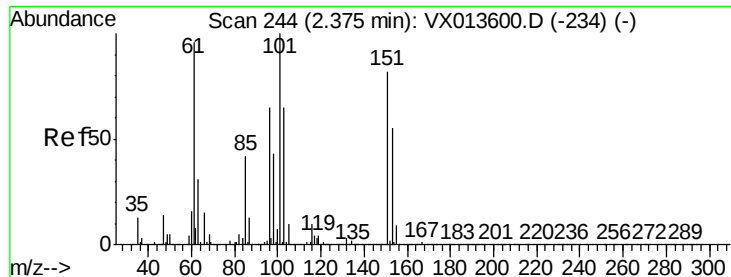


#8

Diethyl Ether
Concen: 50.162 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.503 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

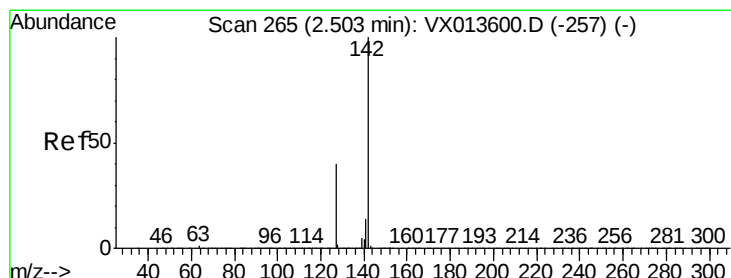
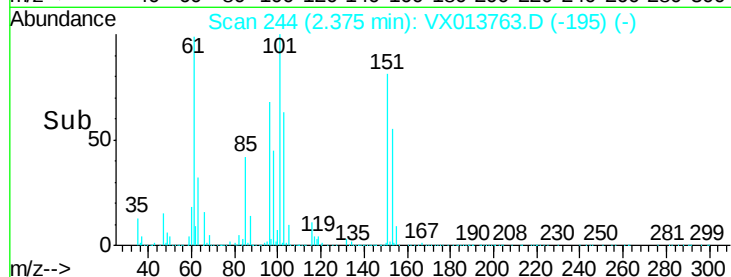
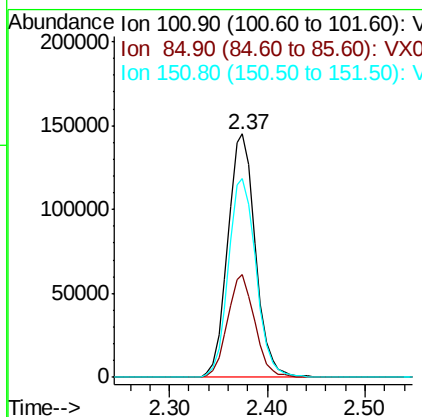
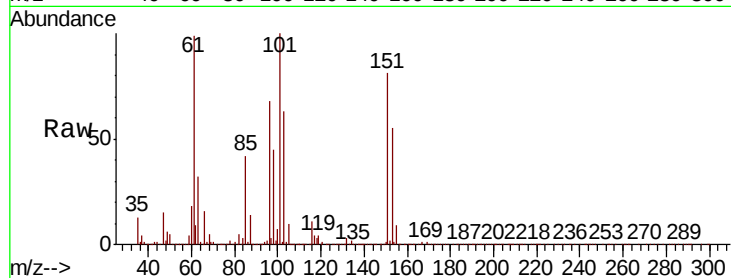
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	283176
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.9	50.9
151	82.0	64.2	96.2

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#10

Methyl Iodide

Concen: 44.362 ug/l

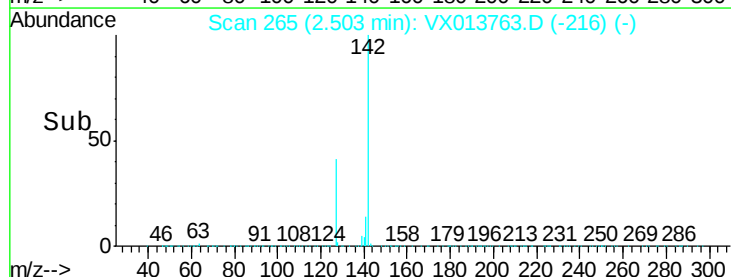
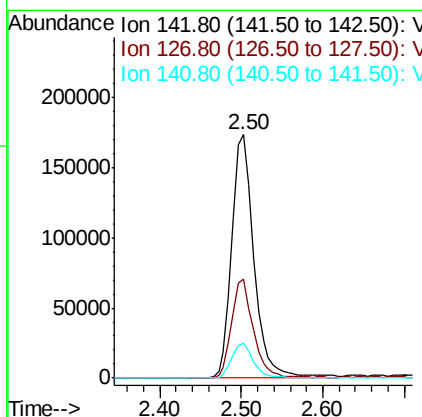
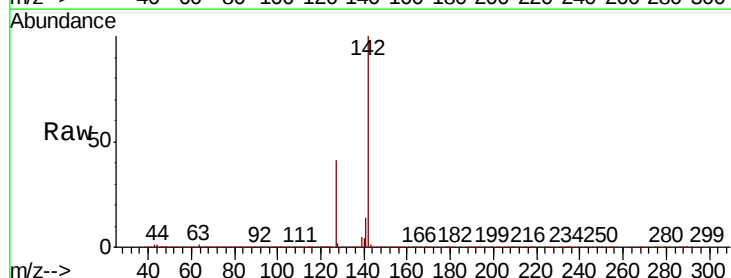
RT: 2.50 min Scan# 265

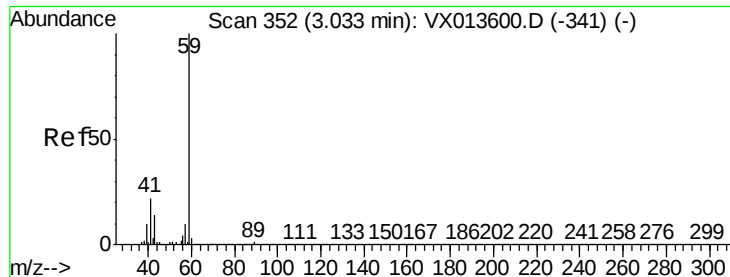
Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	142	Resp:	326779
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.0	46.4
141	13.8	11.6	17.4





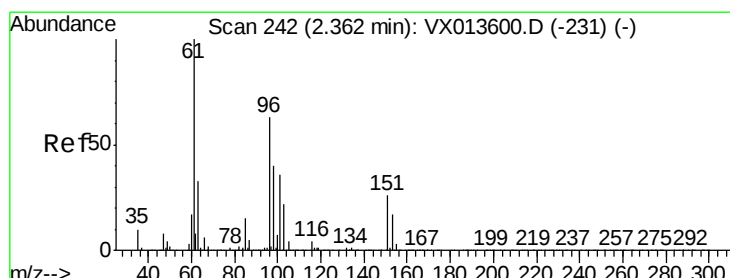
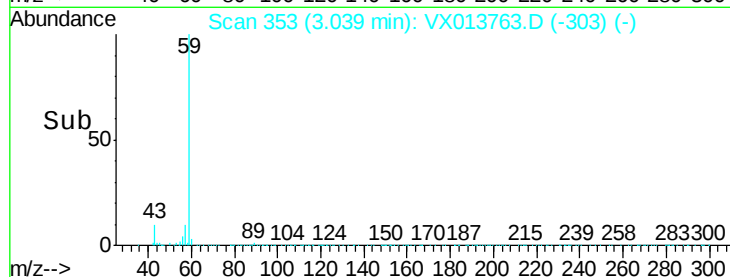
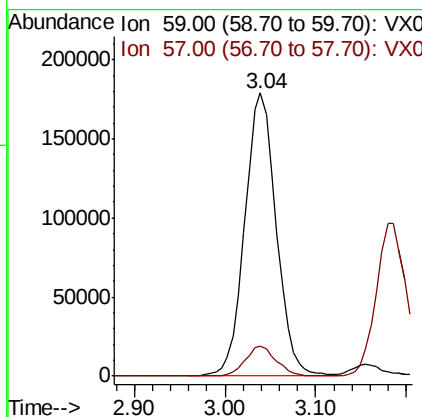
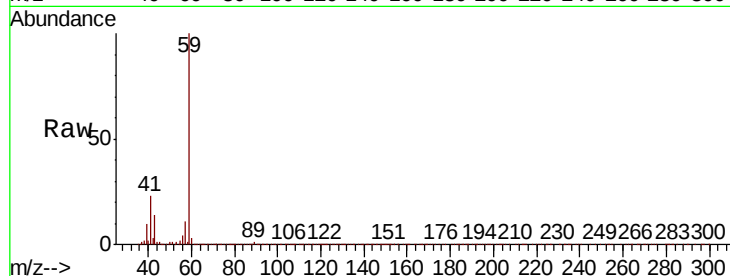
#11
Tert butyl alcohol
Concen: 234.273 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.6

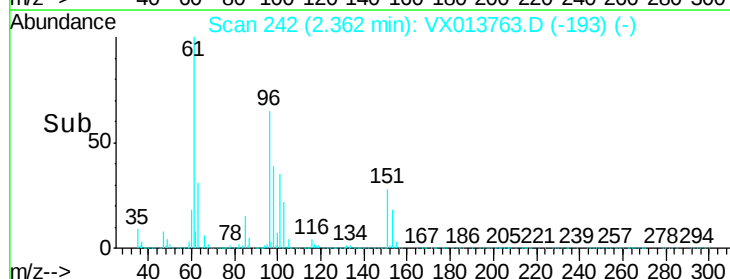
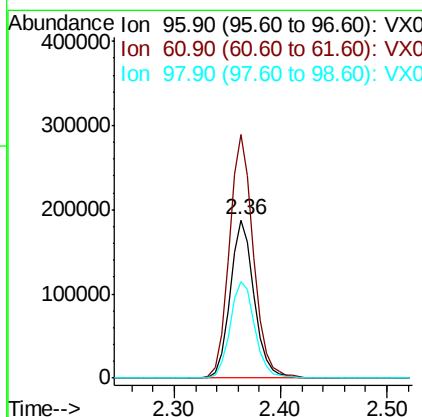
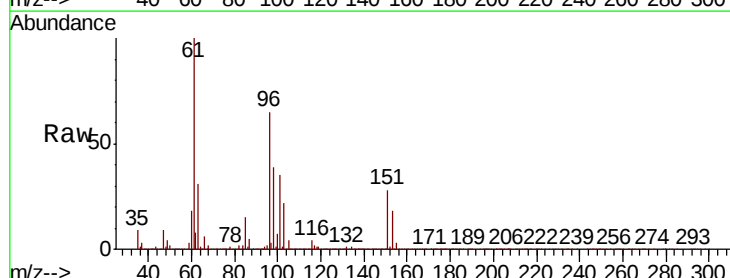
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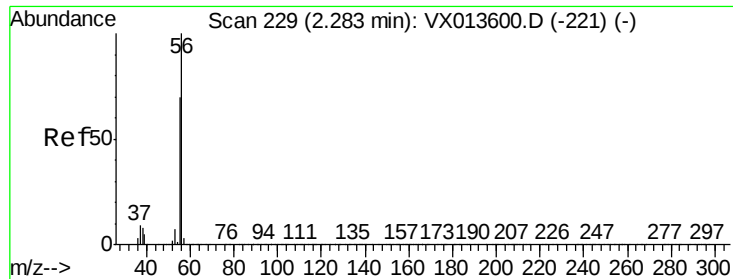
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#12
1,1-Dichloroethene
Concen: 48.446 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	126.6	190.0
98	60.6	50.6	76.0





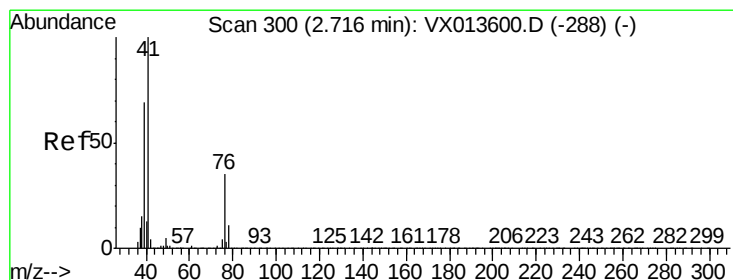
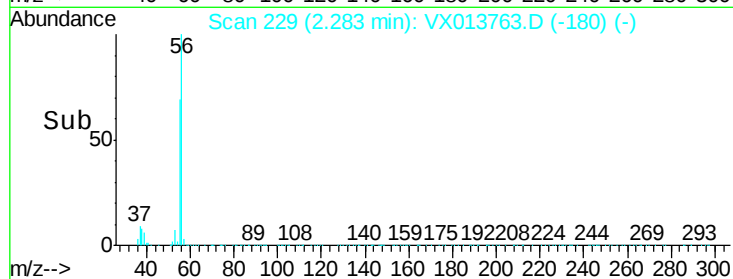
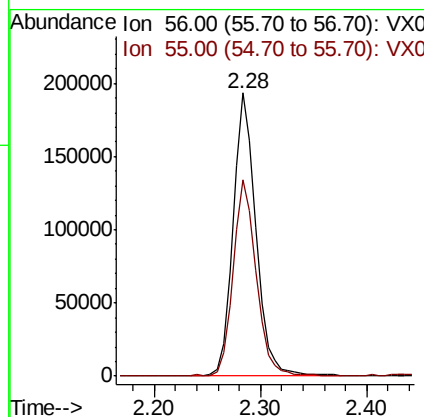
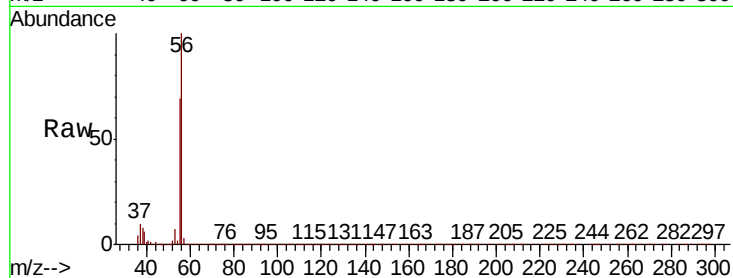
#13
Acrolein
Concen: 237.037 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.2	84.4

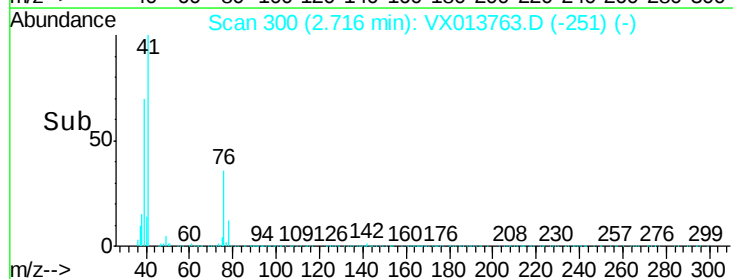
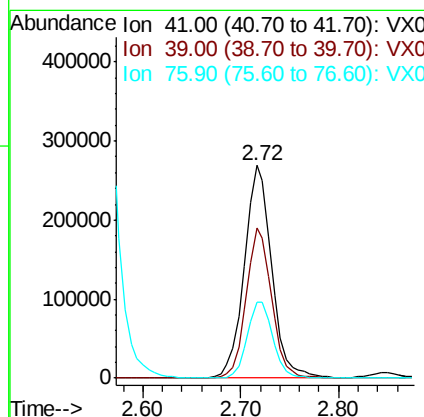
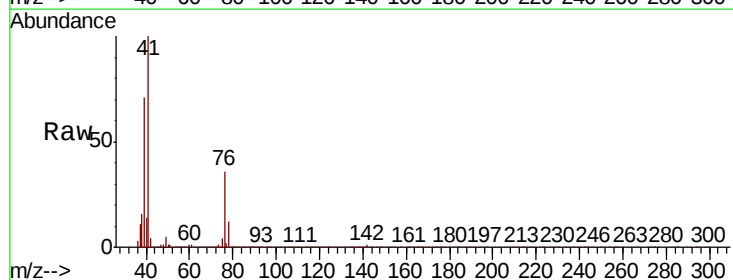
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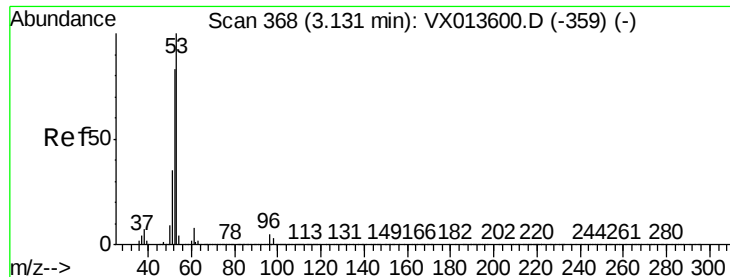
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#14
Allyl chloride
Concen: 47.282 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	51.7	77.5
76	33.2	25.9	38.9





#15

Acrylonitrile

Concen: 240.997 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

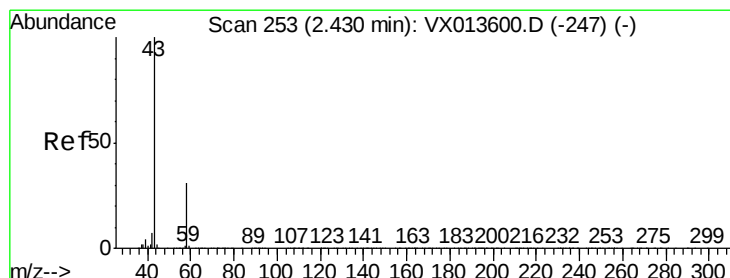
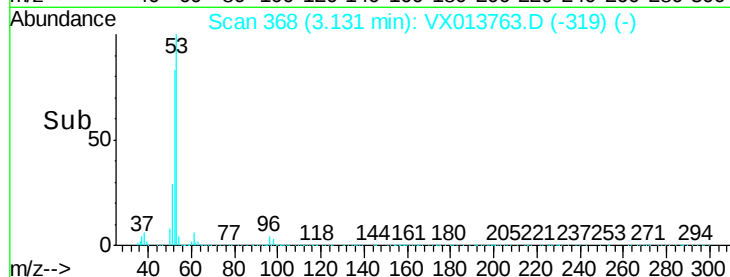
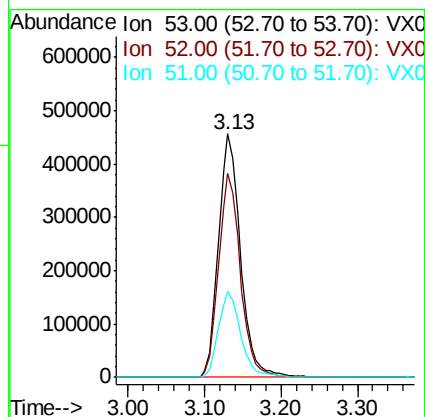
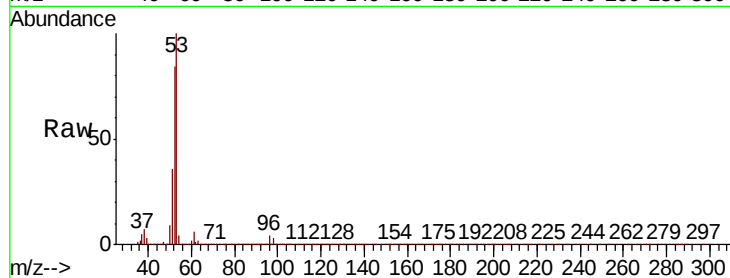
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	910341
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.2	99.2
51	35.8	29.0	43.6

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#16

Acetone

Concen: 216.419 ug/l

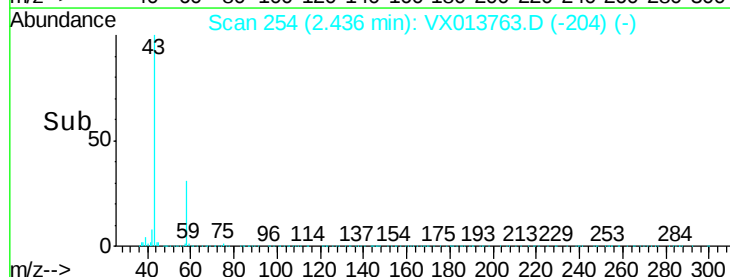
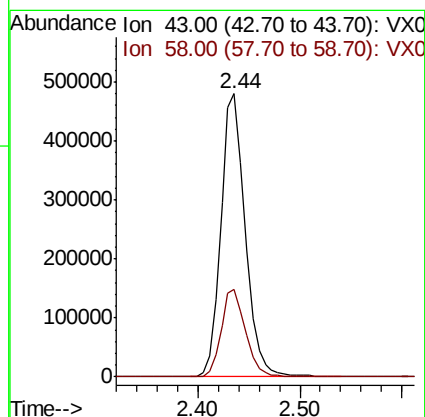
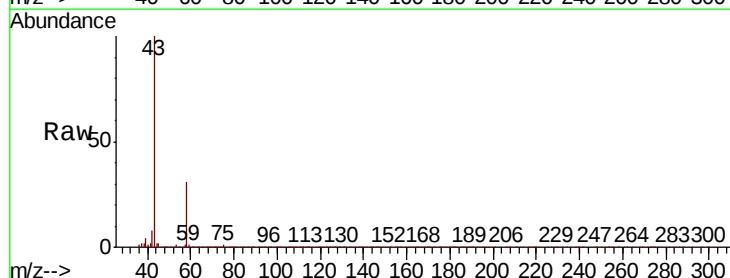
RT: 2.44 min Scan# 254

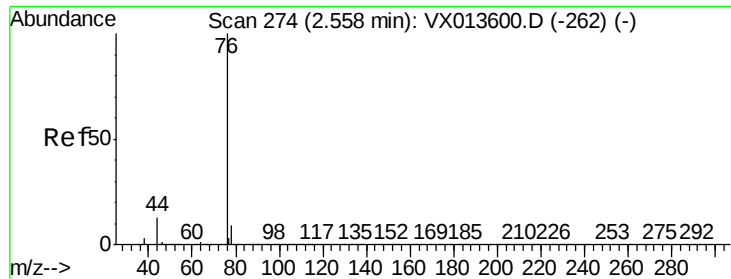
Delta R.T. 0.01 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	43	Resp:	792160
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.6	36.8





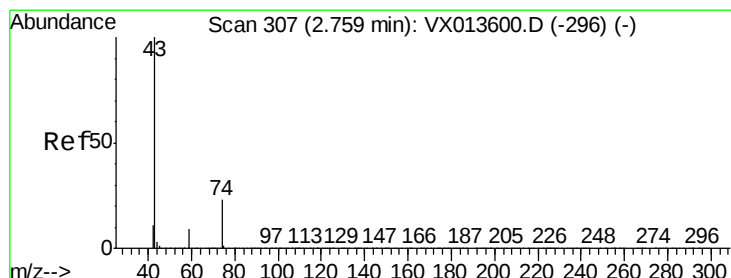
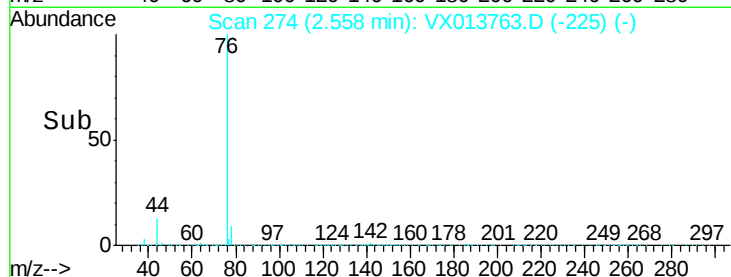
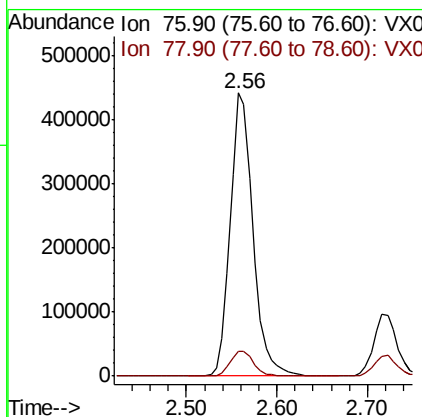
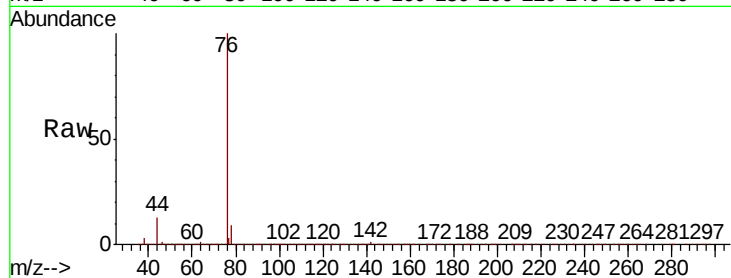
#17
Carbon Disulfide
Concen: 44.409 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

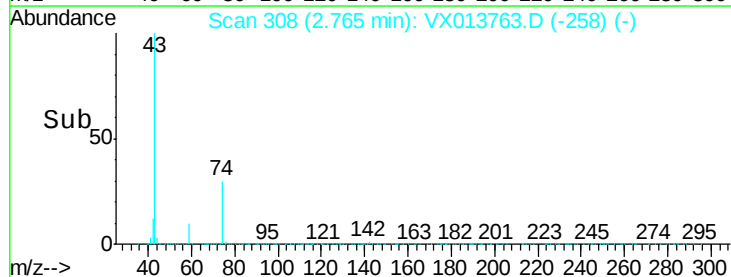
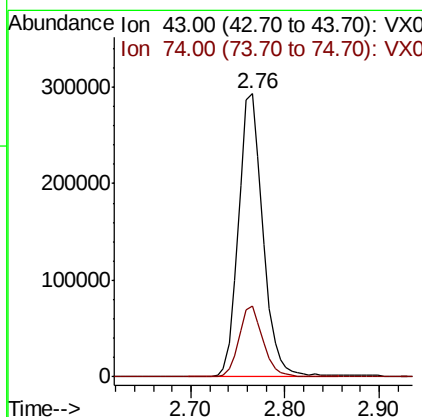
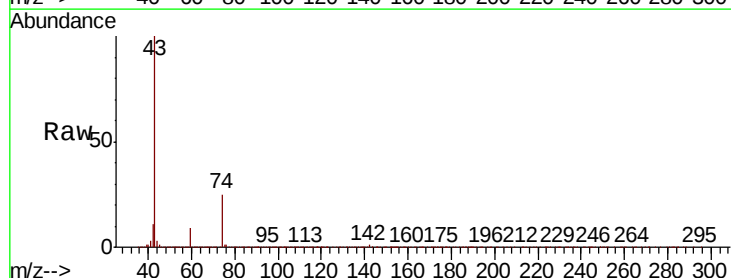
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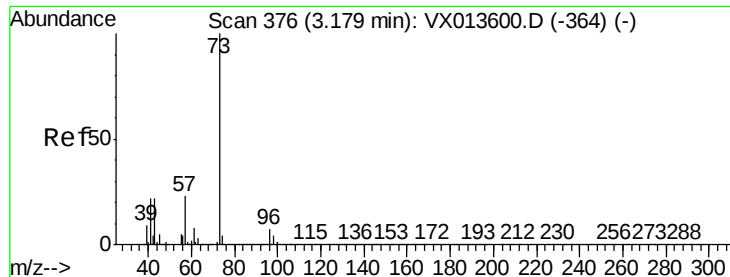
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#18
Methyl Acetate
Concen: 51.936 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.5	29.3





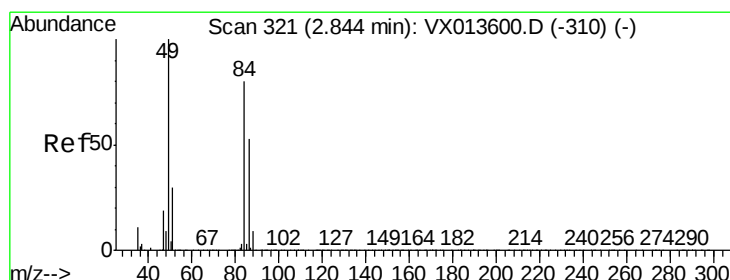
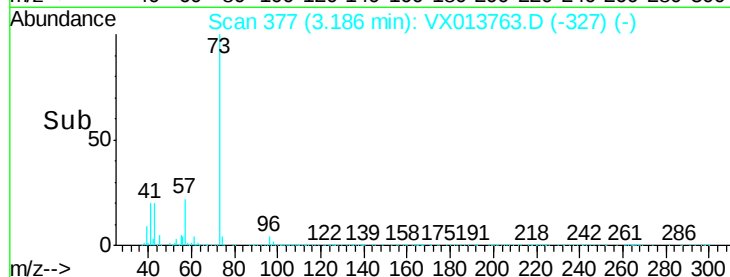
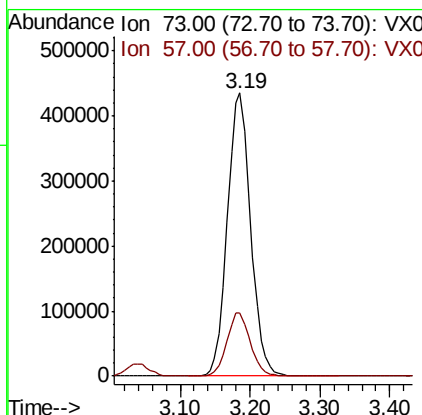
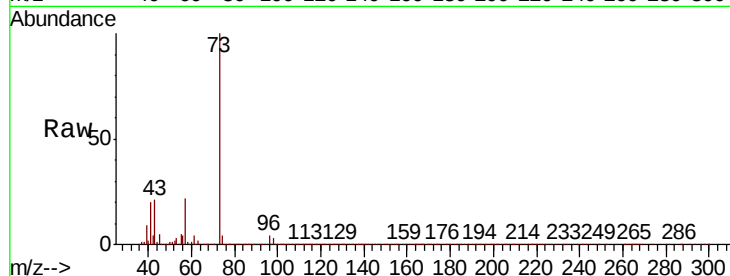
#19
Methvl tert-butvl Ether
Concen: 49.772 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1002220
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5

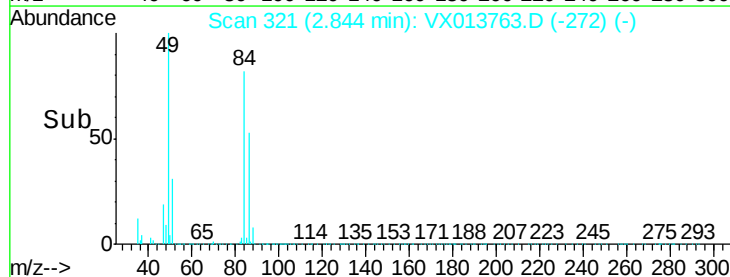
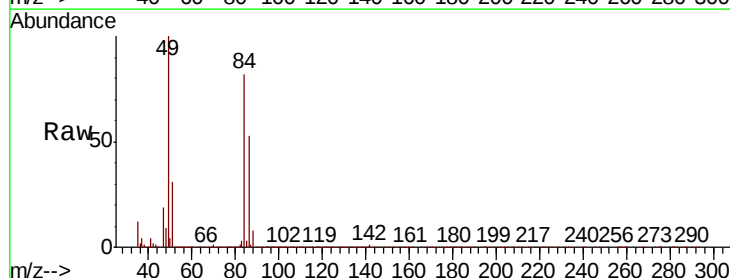
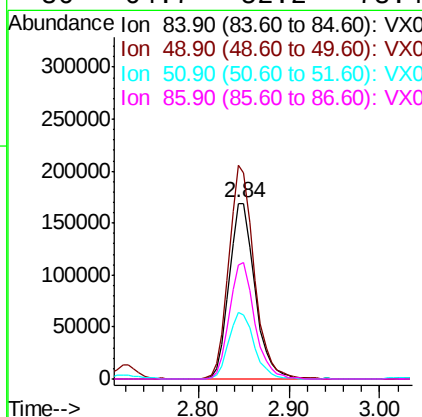
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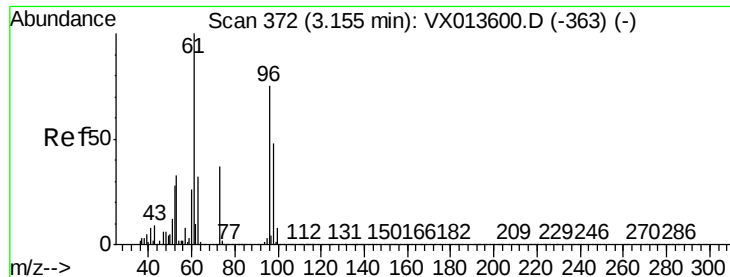
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#20
Methylene Chloride
Concen: 47.422 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion: 84 Resp: 333478
Ion Ratio Lower Upper
84 100
49 121.6 99.7 149.5
51 37.9 29.9 44.9
86 64.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.974 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

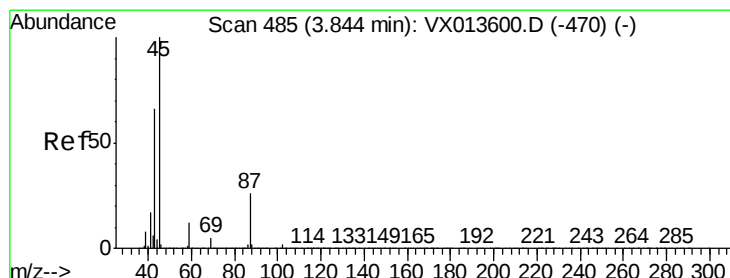
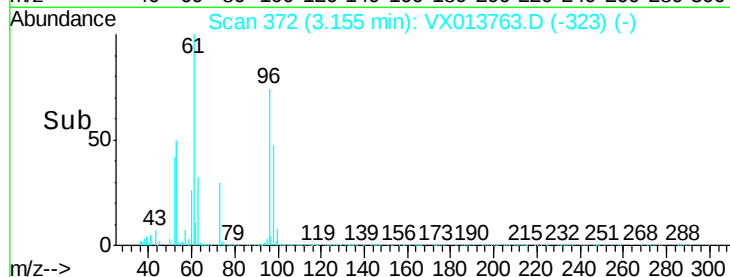
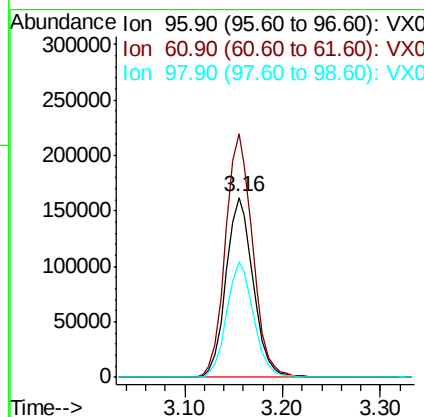
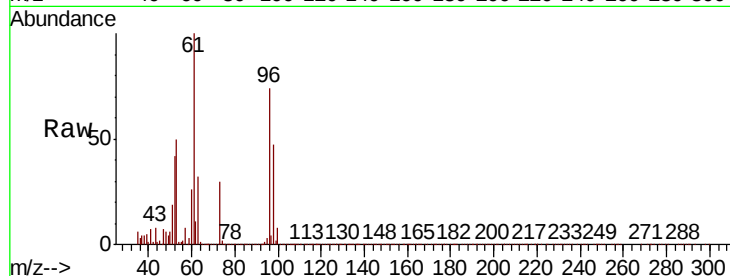
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	311047
Ion Ratio	Lower	Upper	
96	100		
61	135.0	107.2	160.8
98	63.9	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.198 ug/l

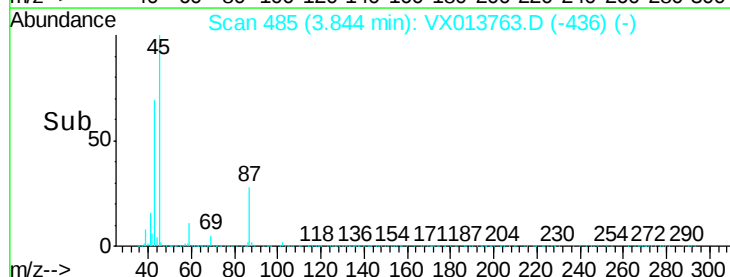
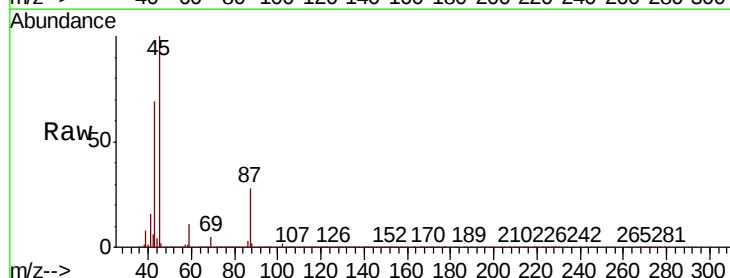
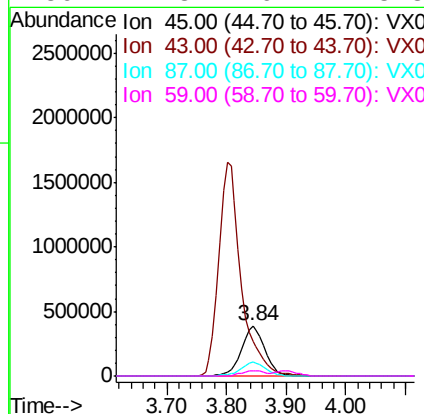
RT: 3.84 min Scan# 485

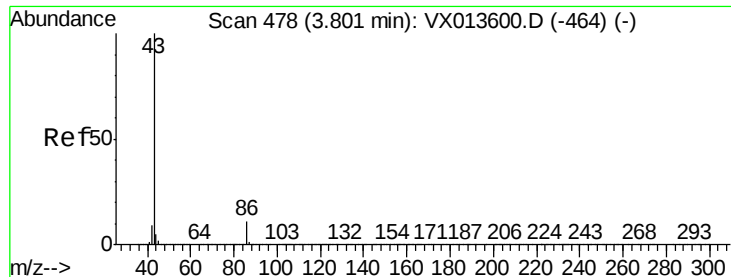
Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	45	Resp:	1044960
Ion Ratio	Lower	Upper	
45	100		
43	69.1	52.6	79.0
87	27.6	21.1	31.7
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 243.617 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tot Ion: 43 Resp: 4304537

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

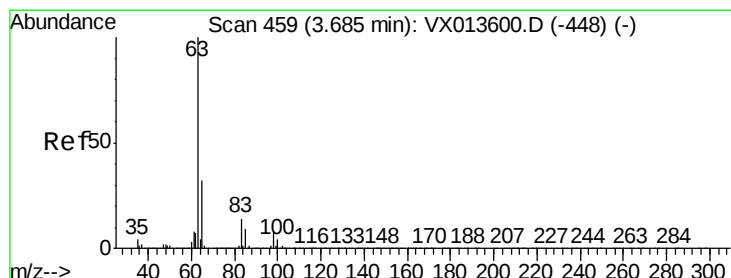
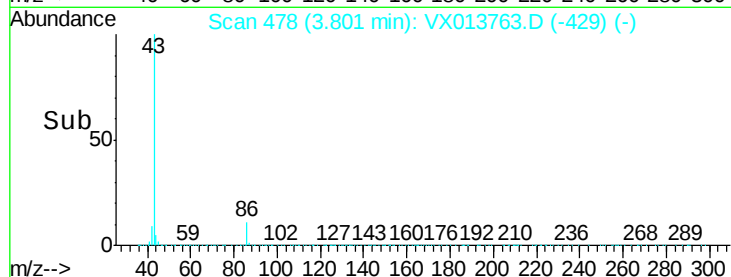
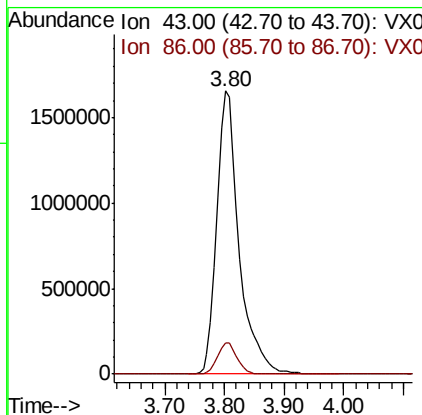
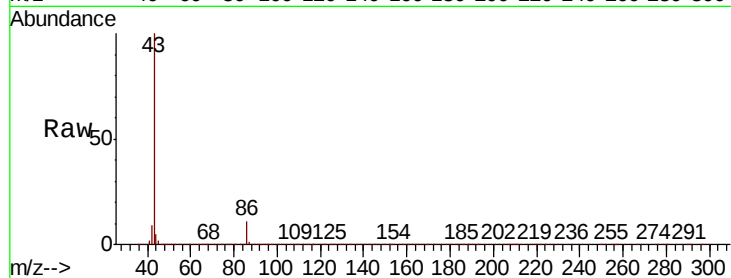
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 48.574 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

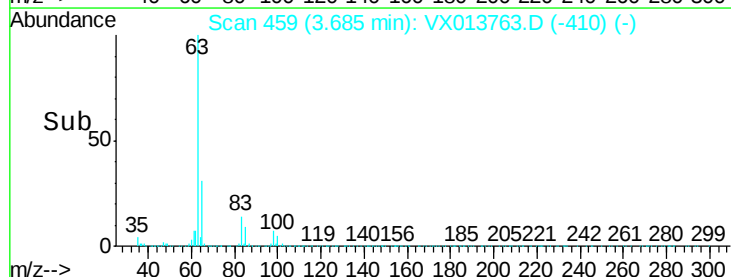
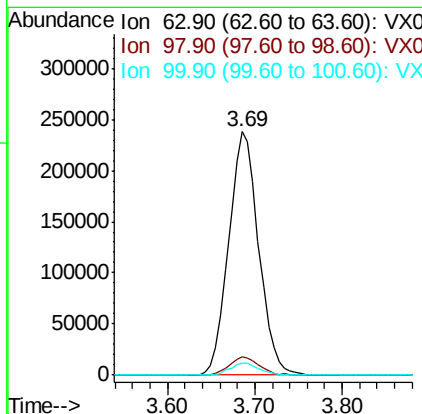
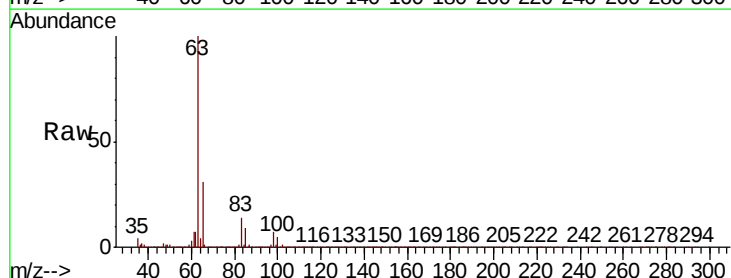
Tgt Ion: 63 Resp: 563993

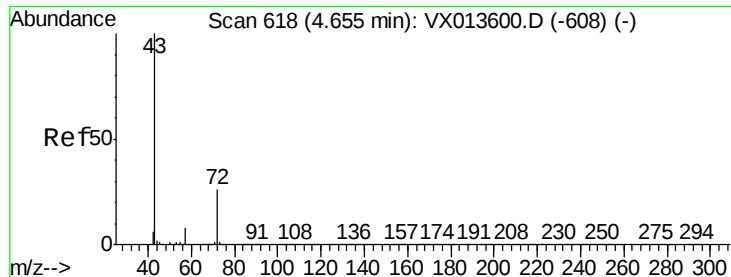
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 238.928 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1299745

Ion Ratio Lower Upper

43 100

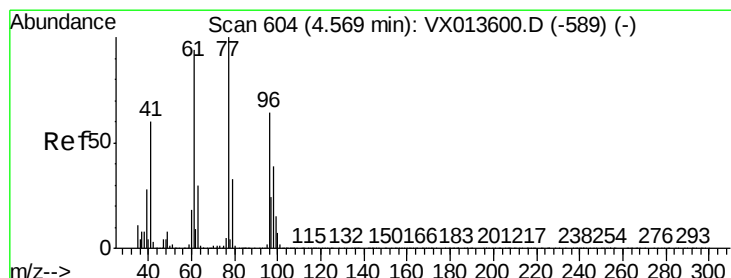
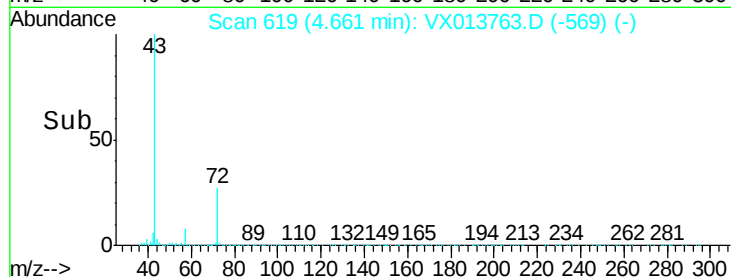
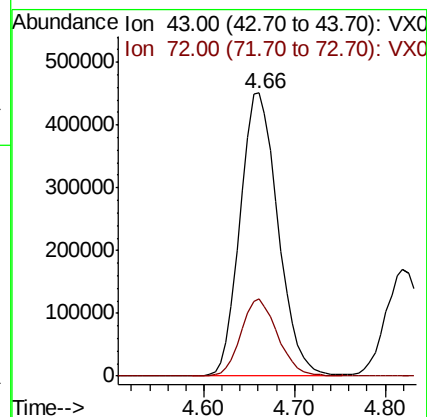
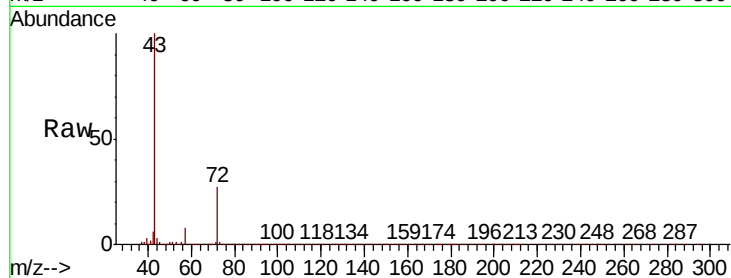
72 27.1 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 45.110 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013763.D

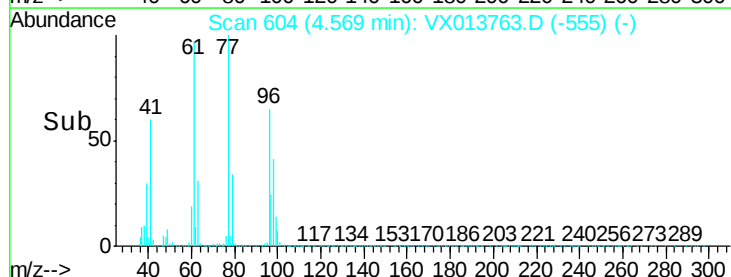
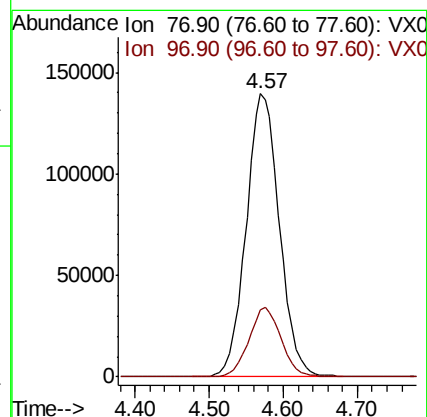
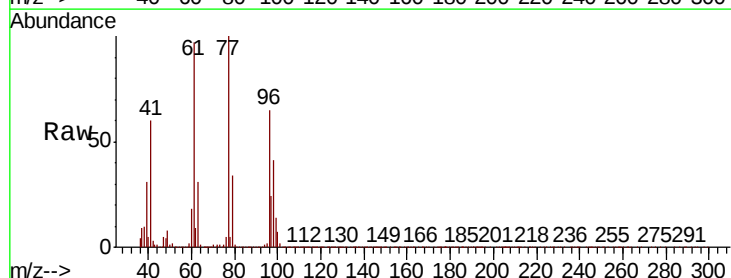
Acq: 04 Dec 2019 20:33

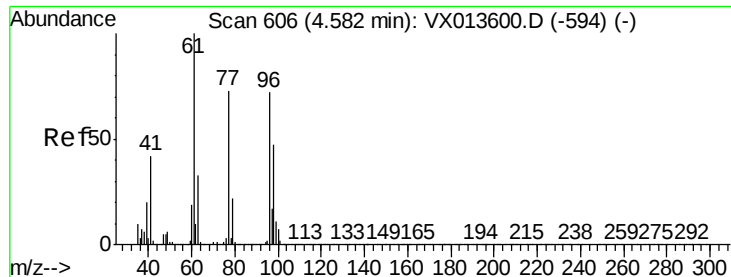
Tgt Ion: 77 Resp: 433355

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

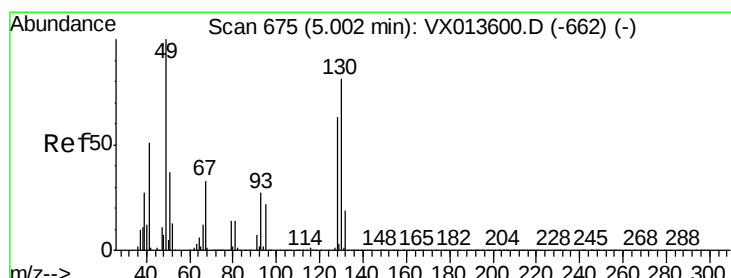
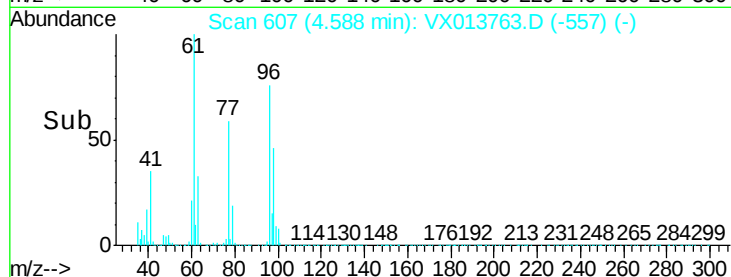
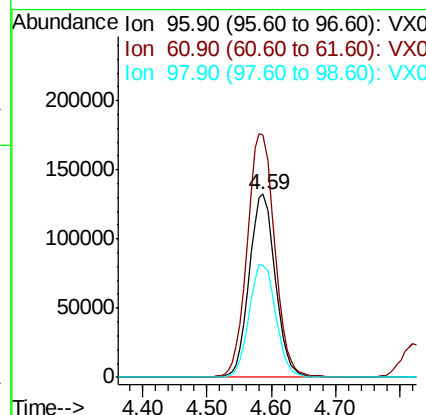
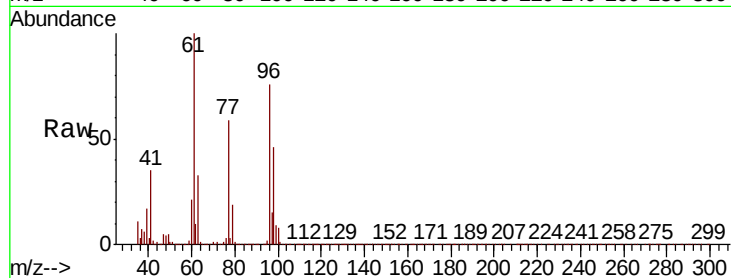
cis-1,2-Dichloroethene
Concen: 48.083 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	365637		
61	139.9	0.0	286.4	
98	63.7	0.0	127.4	

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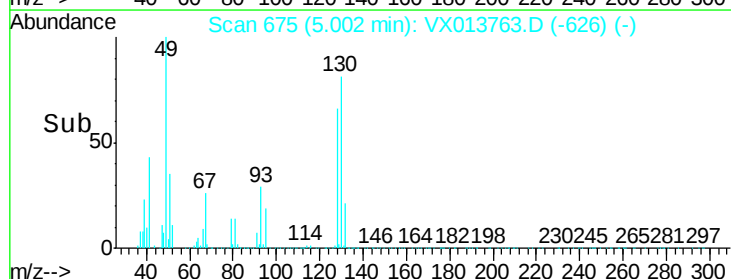
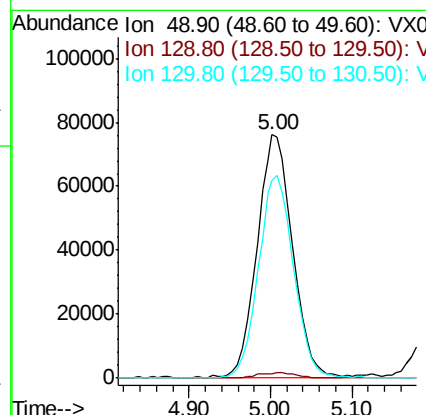
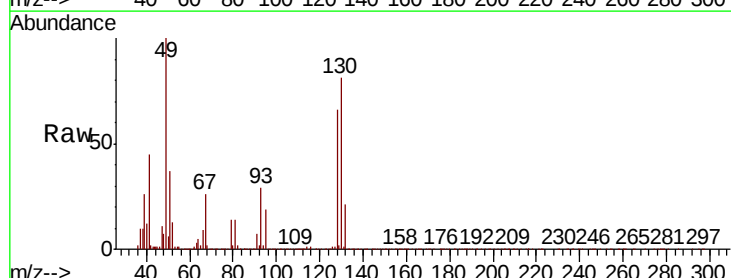
apatel
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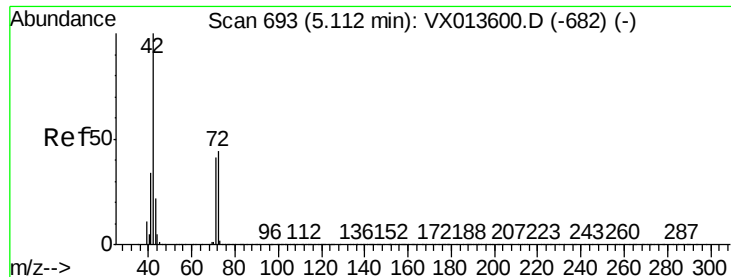


#28

Bromochloromethane
Concen: 50.279 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	230700		
129	2.4	0.0	5.0	
130	82.1	65.4	98.0	





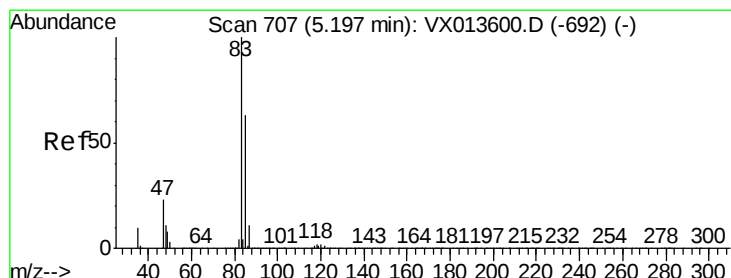
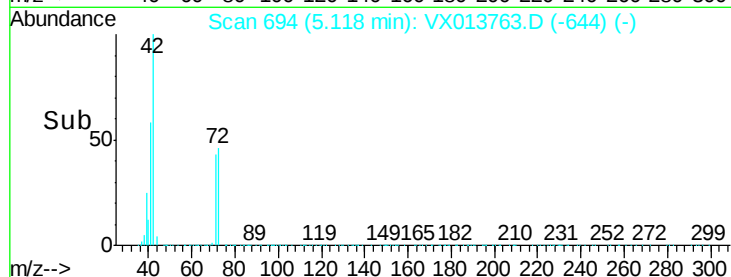
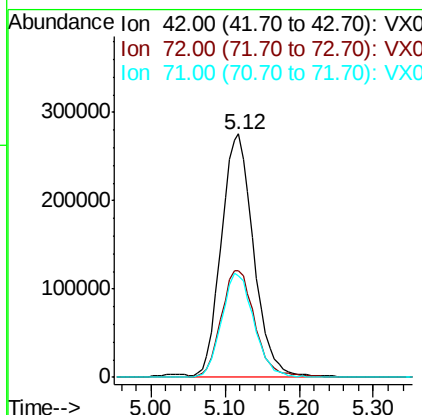
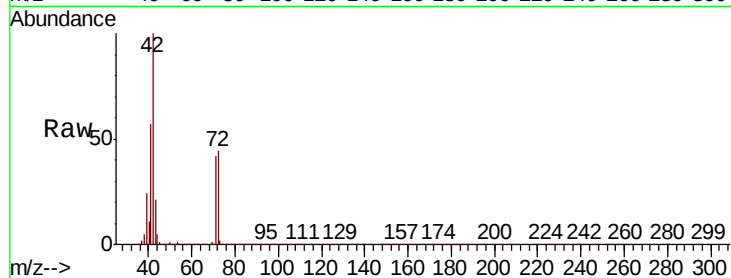
#29
Tetrahydrofuran
Concen: 247.473 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	829909
Ion Ratio		Lower	Upper
42	100		
72	45.7	36.3	54.5
71	42.8	33.2	49.8

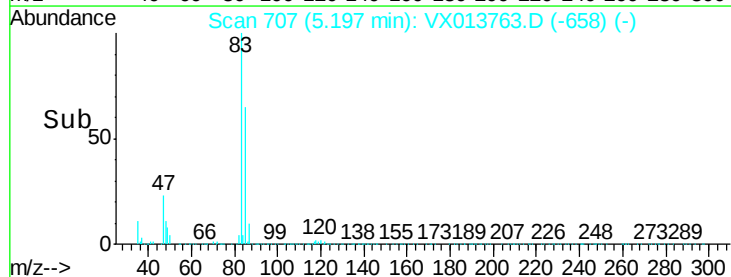
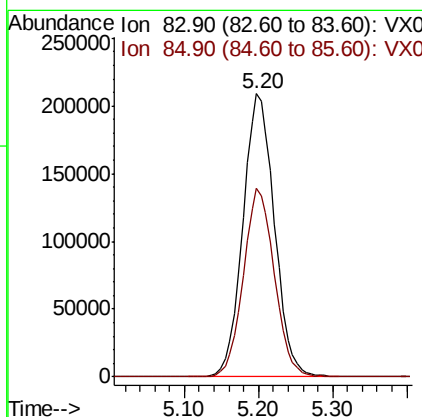
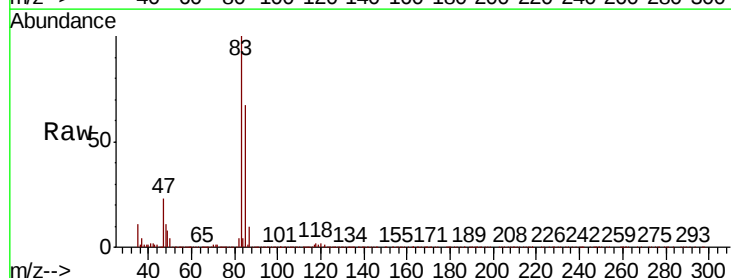
Manual Integrations
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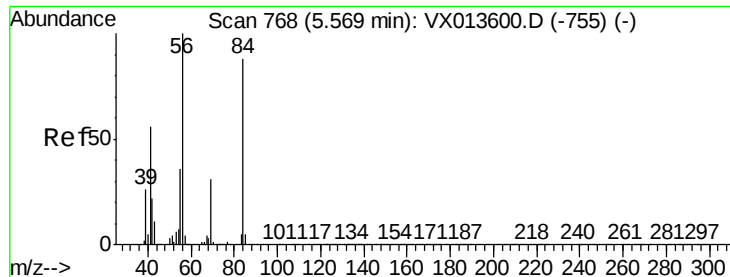
apatel
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#30
Chloroform
Concen: 52.490 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion:	83	Resp:	618089
Ion Ratio		Lower	Upper
83	100		
85	66.7	50.2	75.4





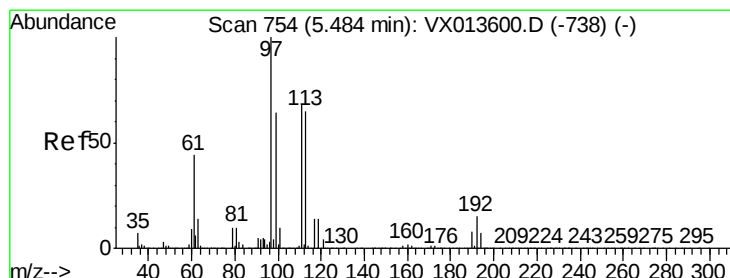
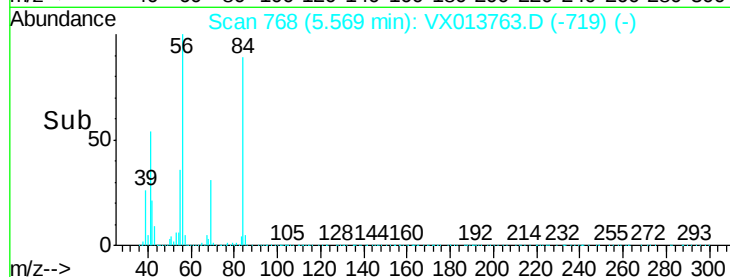
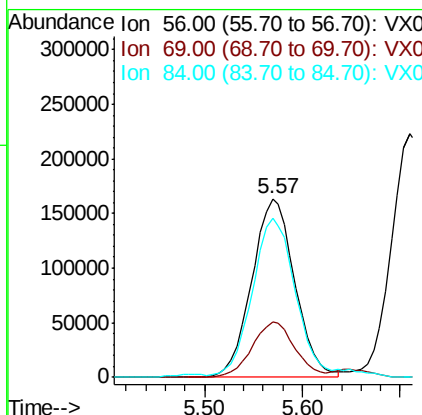
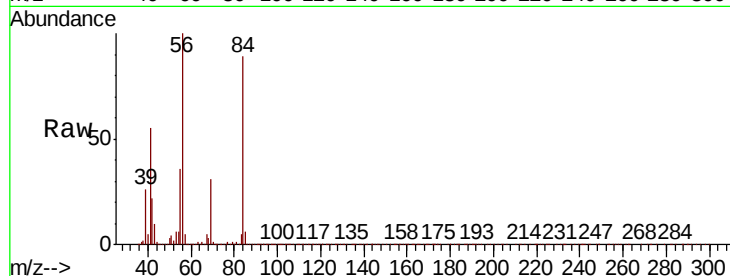
#31
Cyclohexane
Concen: 45.415 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	87.4	70.0	105.0

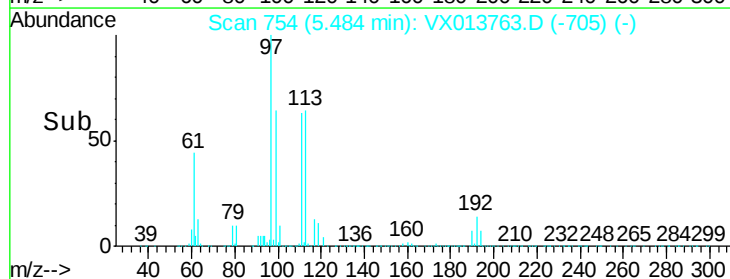
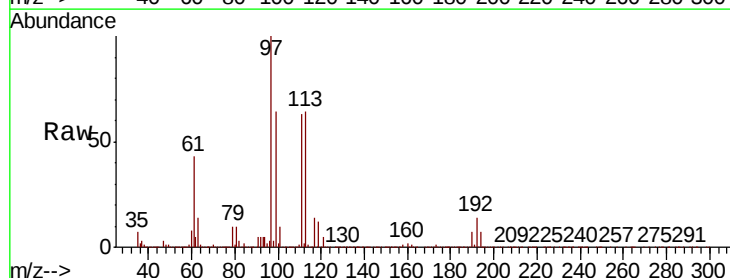
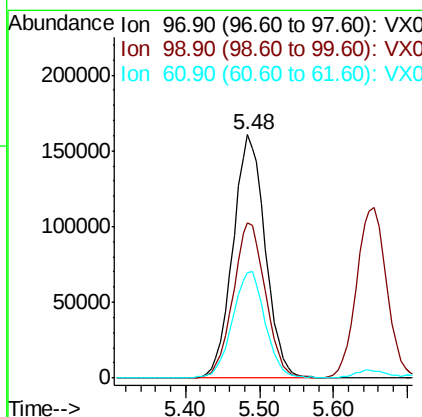
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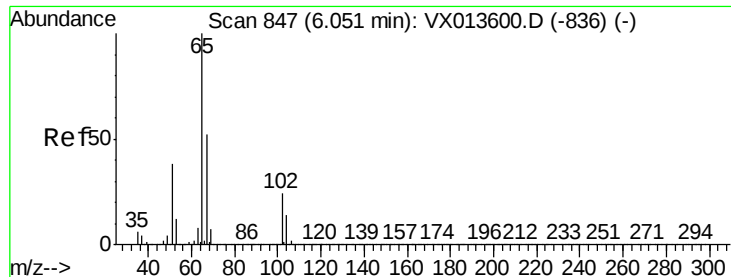
apatel
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#32
1,1,1-Trichloroethane
Concen: 49.339 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	43.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.027 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 348647

Ion Ratio Lower Upper

65 100

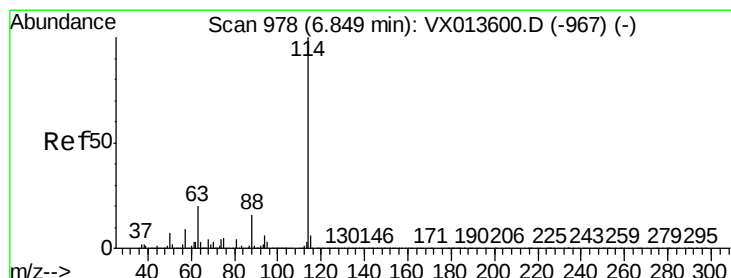
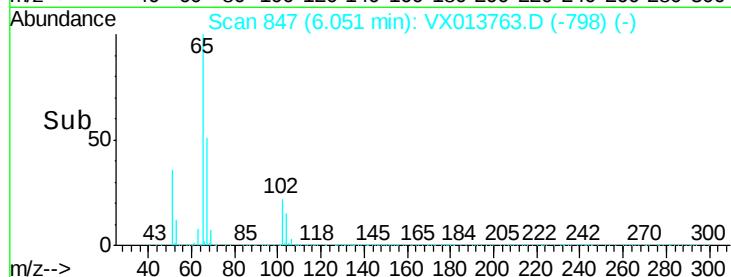
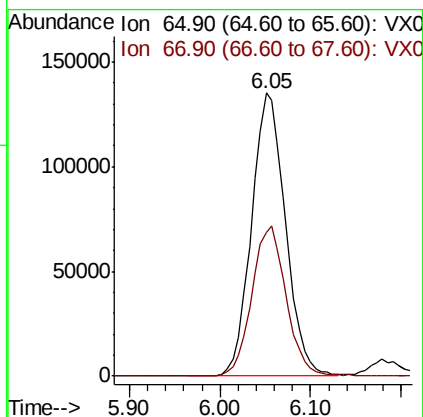
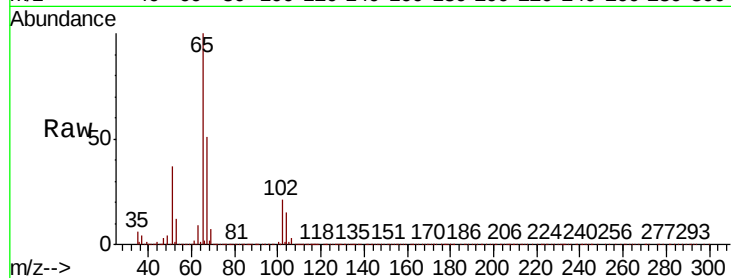
67 53.2 0.0 104.4

Manual Integrations

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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: VX013763.D

Acq: 04 Dec 2019 20:33

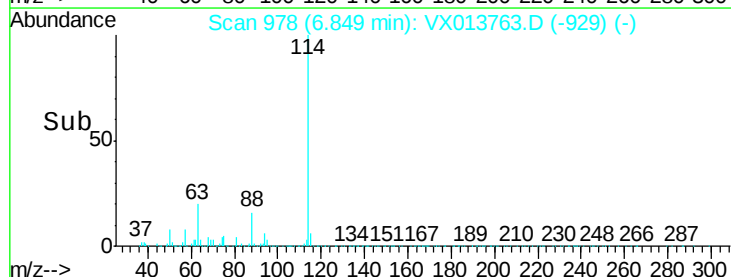
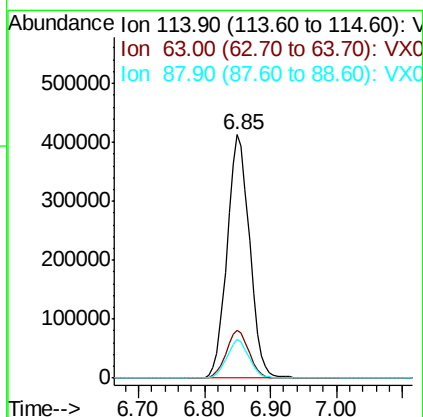
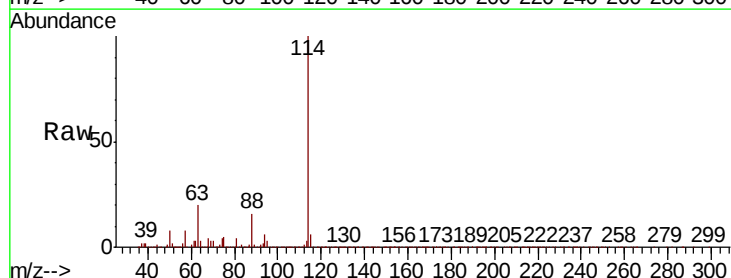
Tgt Ion: 114 Resp: 977111

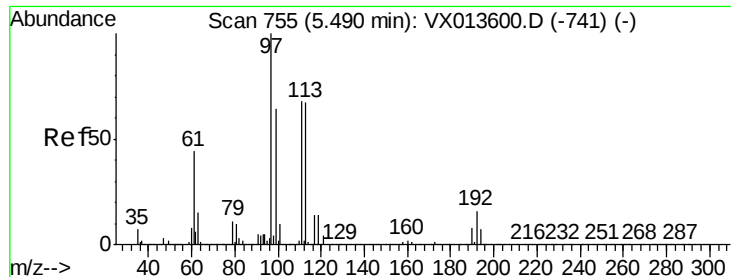
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.251 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

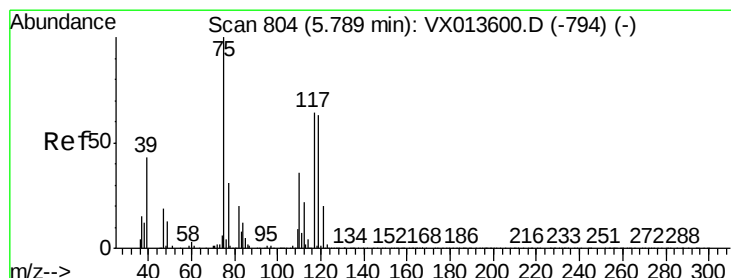
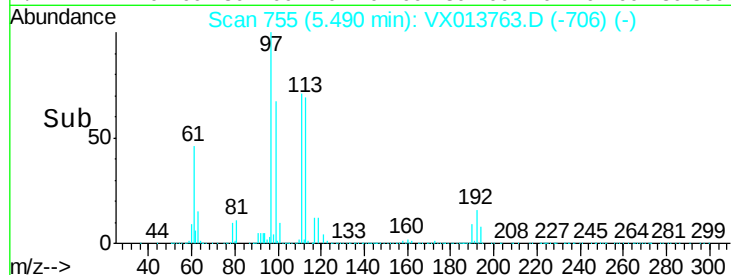
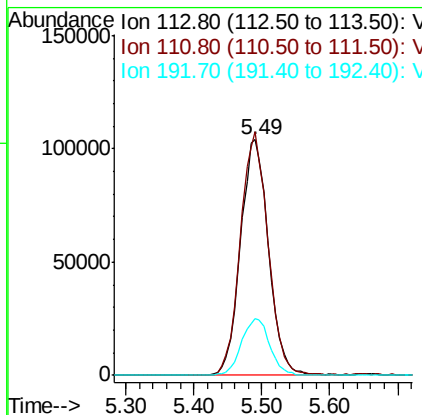
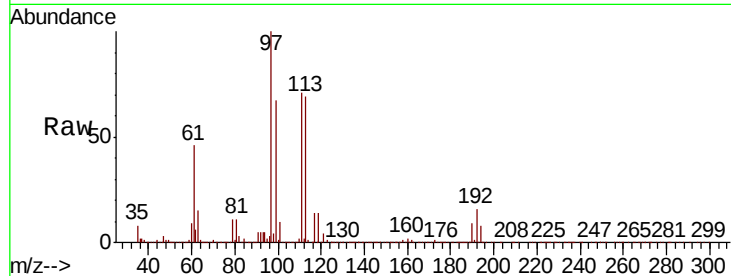
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	297509
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.6	125.4
192	24.2	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.458 ug/l

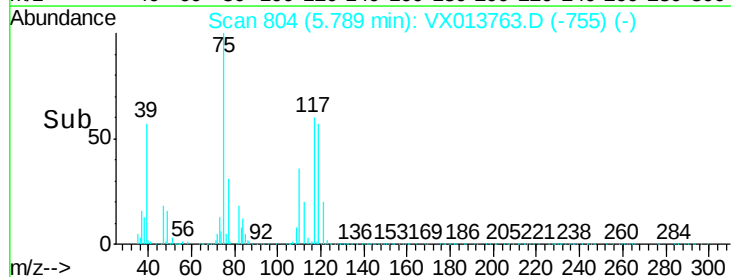
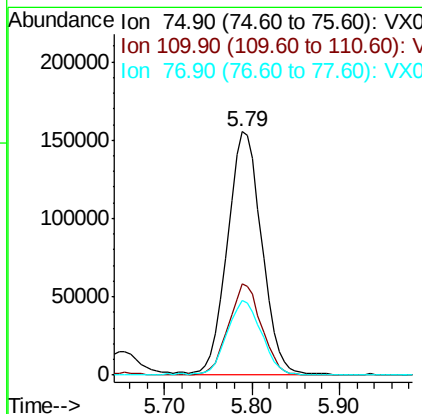
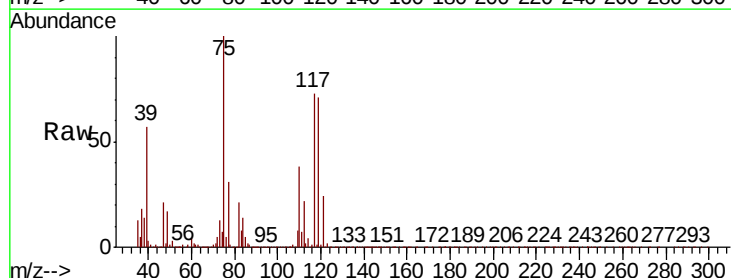
RT: 5.79 min Scan# 804

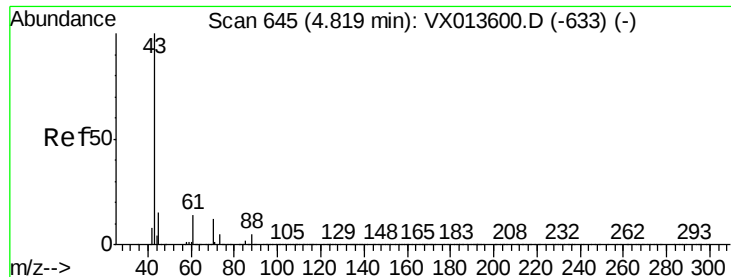
Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	75	Resp:	420936
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.1
77	30.6	24.5	36.7





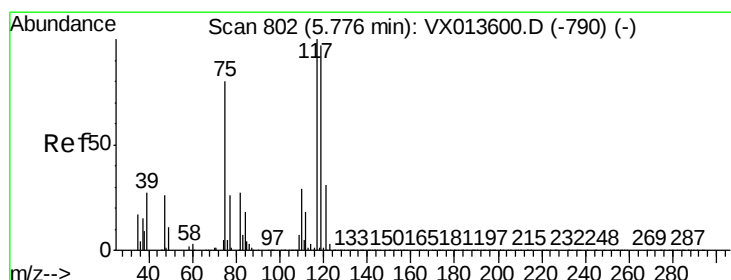
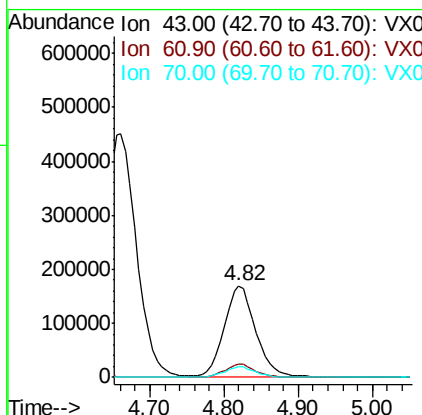
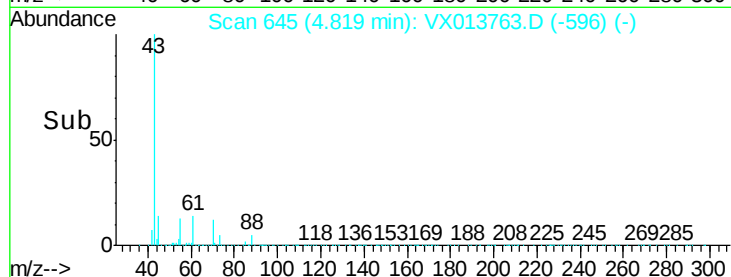
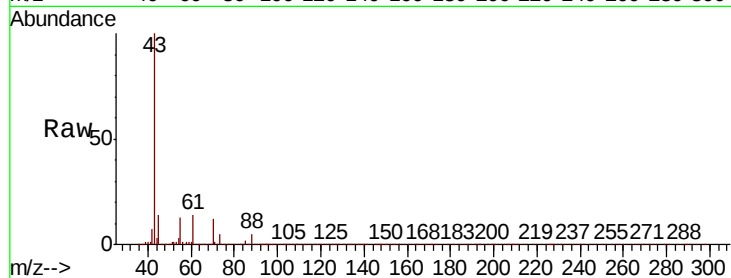
#37
Ethyl Acetate
Concen: 49.761 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	495145
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	11.0	8.6	12.8

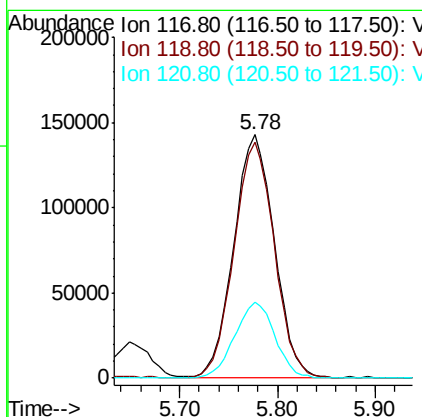
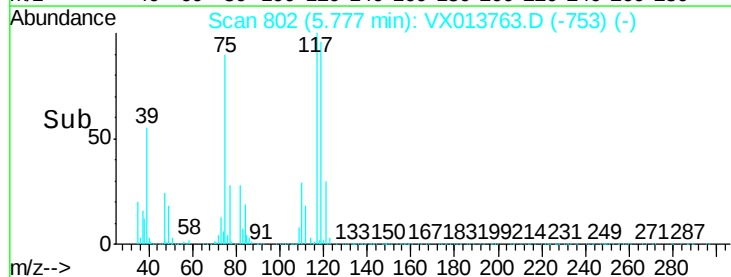
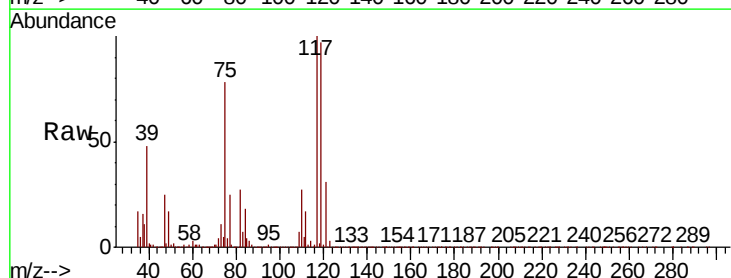
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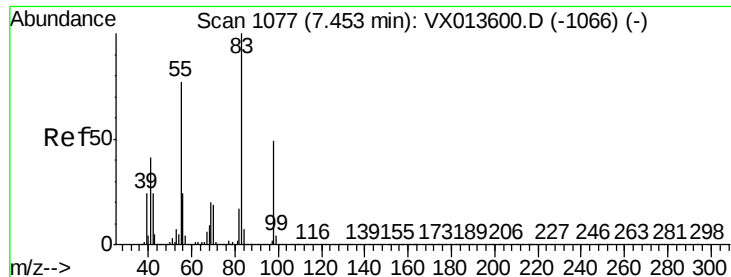
apatel
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#38
Carbon Tetrachloride
Concen: 50.063 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion:	117	Resp:	409446
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.5	116.3
121	31.1	25.0	37.6





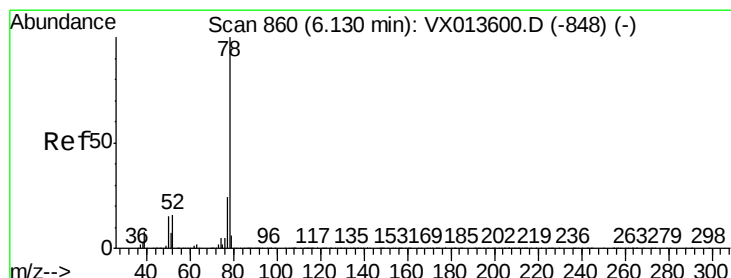
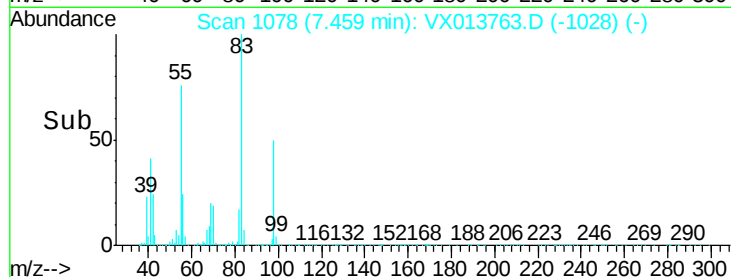
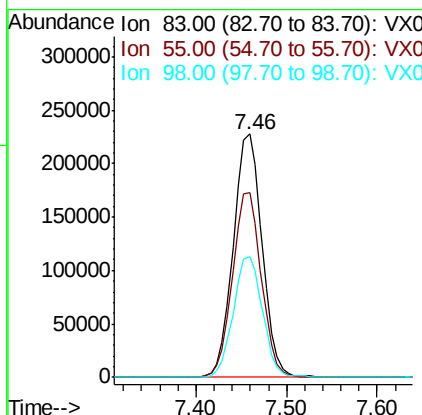
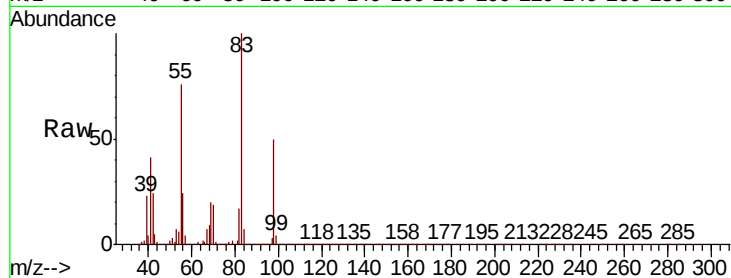
#39
Methvlcvclohexane
Concen: 45.575 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.9	92.9
98	49.8	39.4	59.0

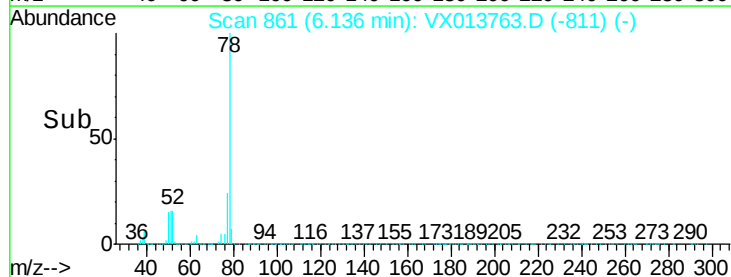
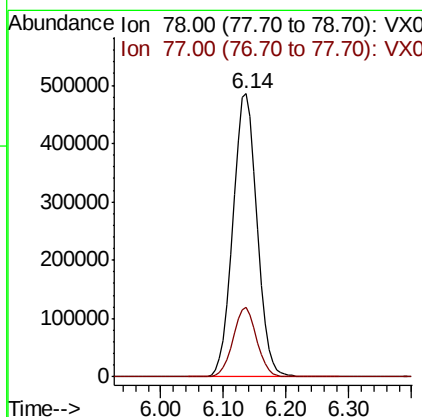
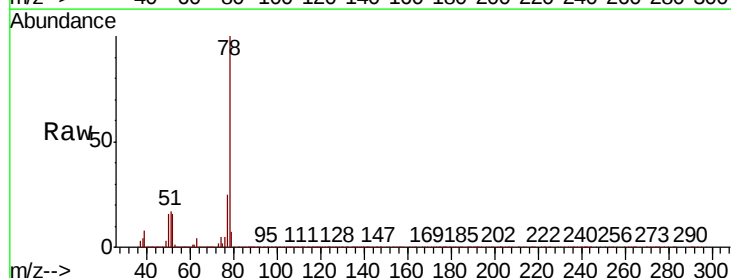
Manual Integrations
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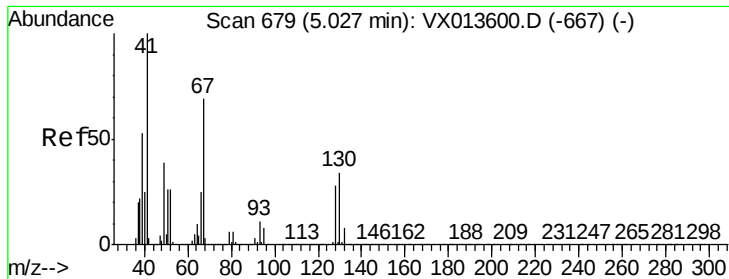
apatel
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#40
Benzene
Concen: 47.882 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





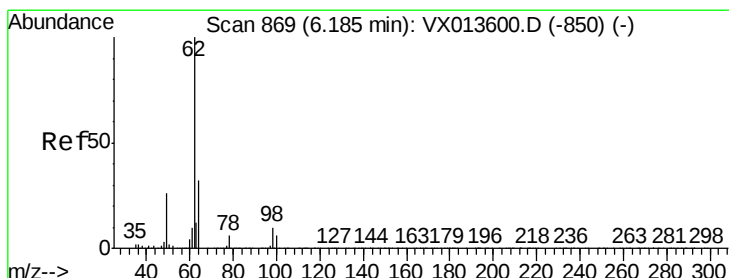
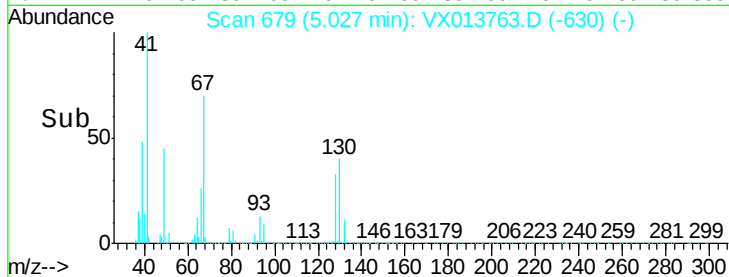
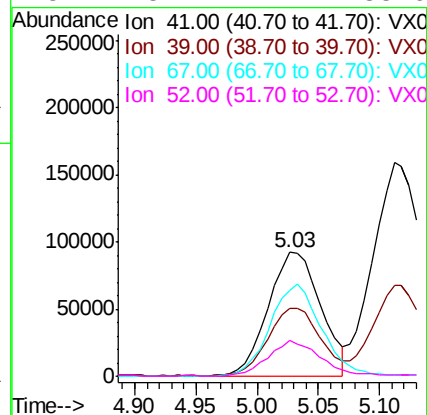
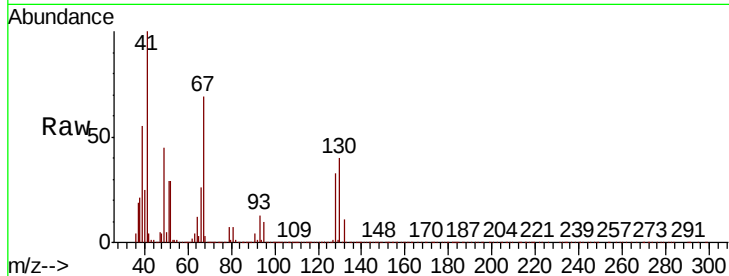
#41
Methacrylonitrile
Concen: 50.251 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
274218	41	100		
	39	54.8	42.9	64.3
	67	73.9	57.4	86.0
	52	28.1	22.4	33.6

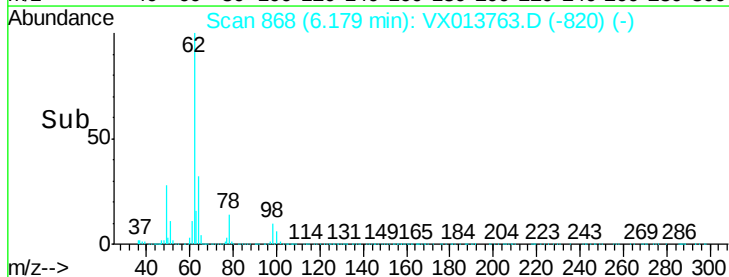
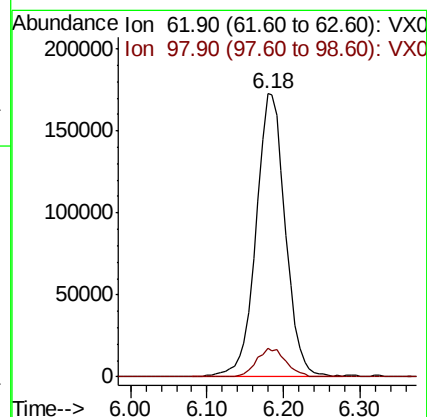
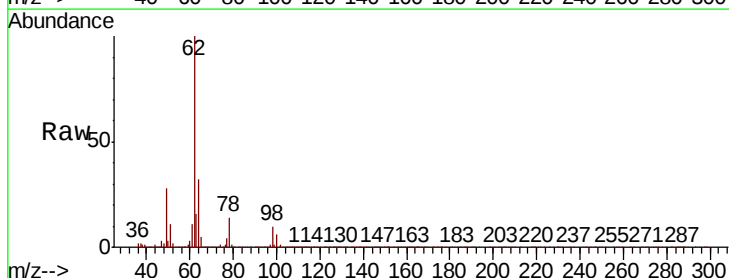
Manual Integrations
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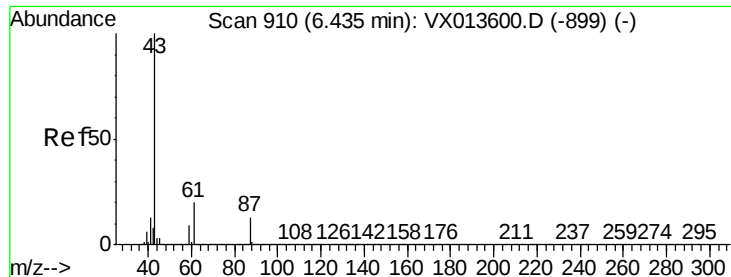
apatel
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#42
1,2-Dichloroethane
Concen: 50.168 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
462192	62	100		
	98	10.3	0.0	20.8





#43

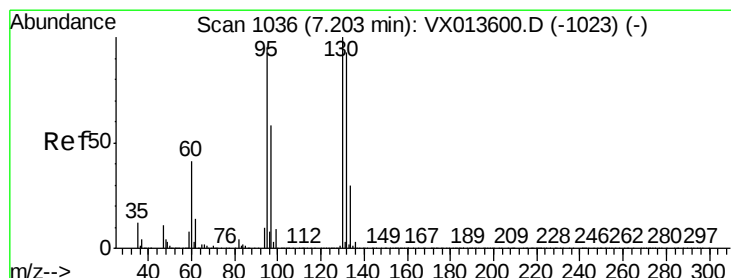
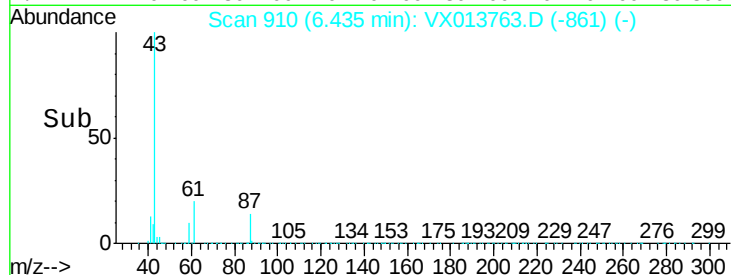
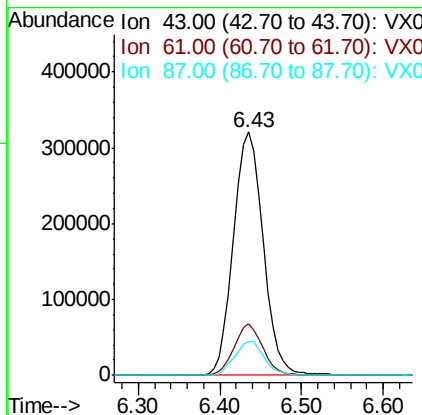
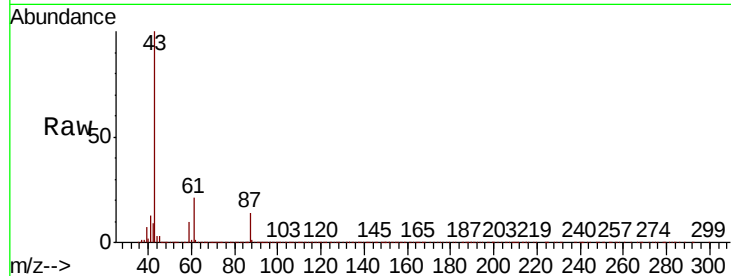
Isopropyl Acetate
 Concen: 49.260 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.3	24.5
87	13.7	10.8	16.2

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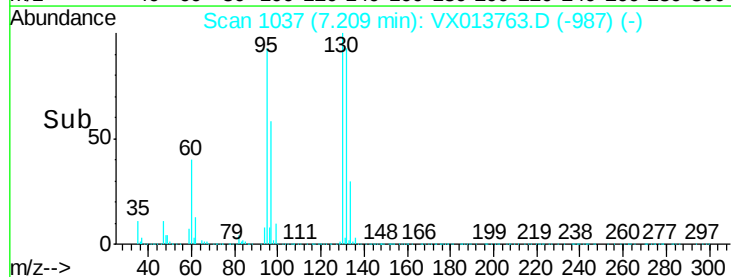
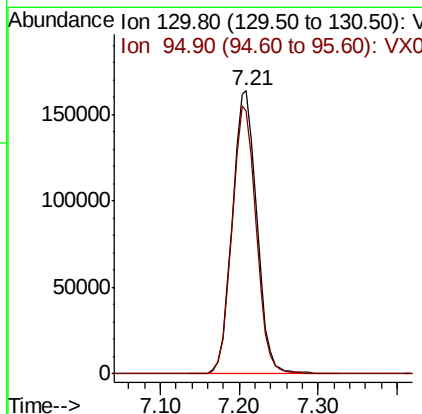
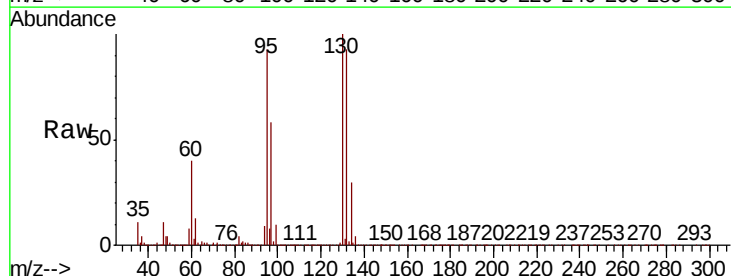
apatel
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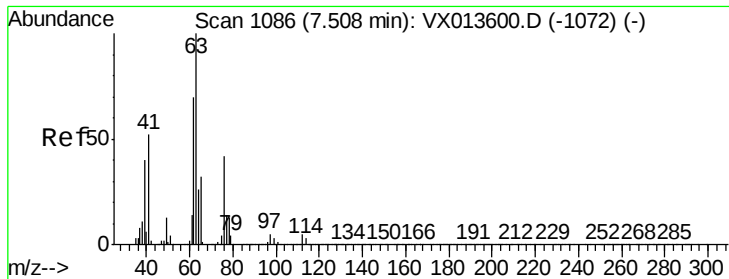


#44

Trichloroethene
 Concen: 47.595 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	190.8





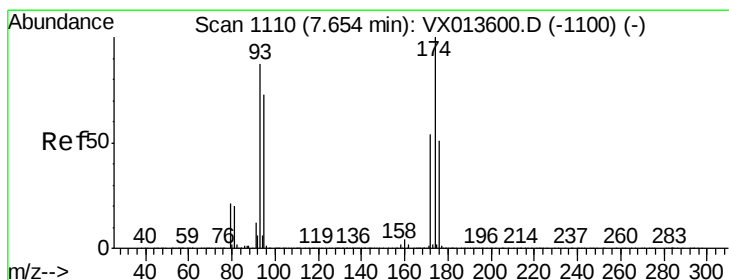
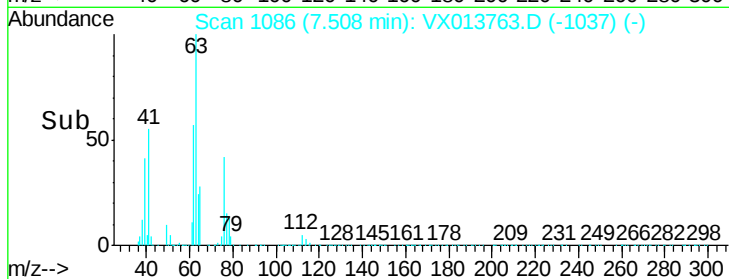
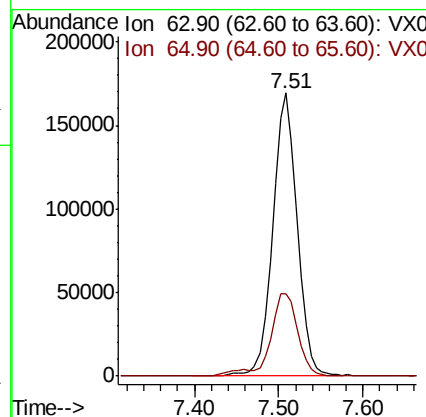
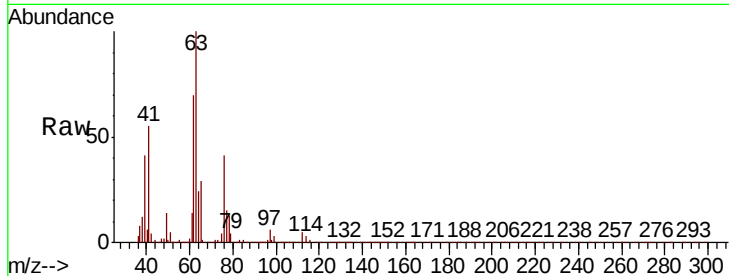
#45
 1,2-Dichloropropane
 Concen: 50.153 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	25.5	38.3

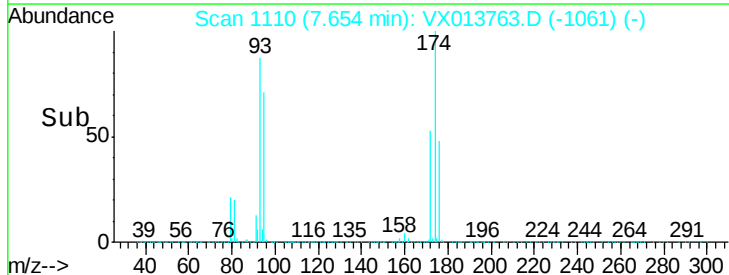
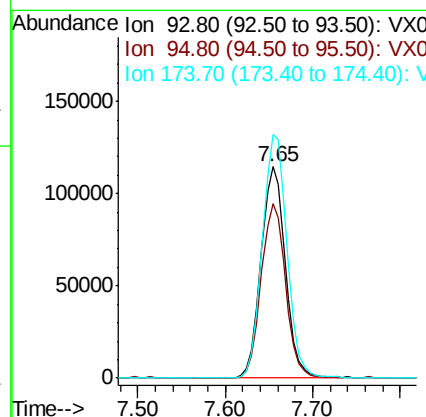
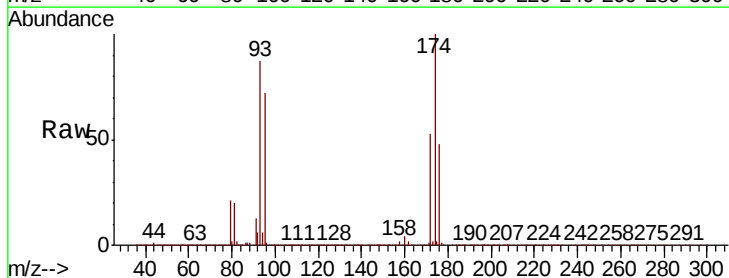
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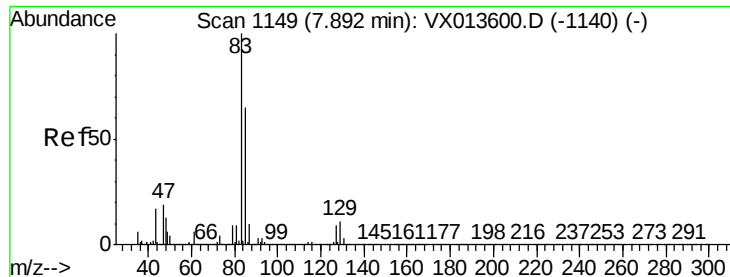
apatel
 12/5/2019 11:25:27 AM



#46
 Dibromomethane
 Concen: 48.313 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.2	99.2
174	117.2	93.4	140.0





#47

Bromodichloromethane

Concen: 51.817 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

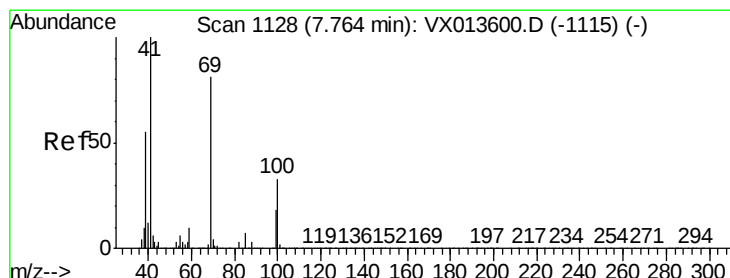
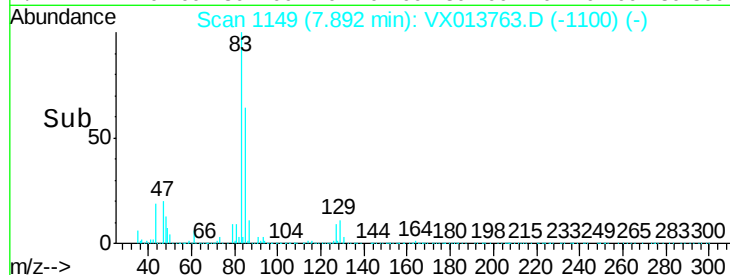
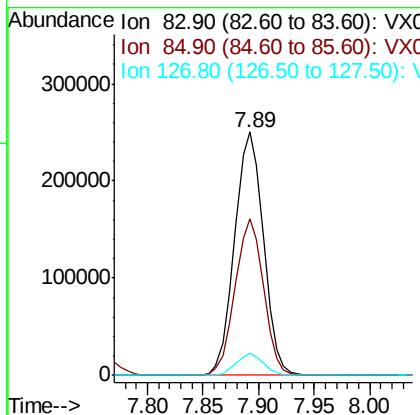
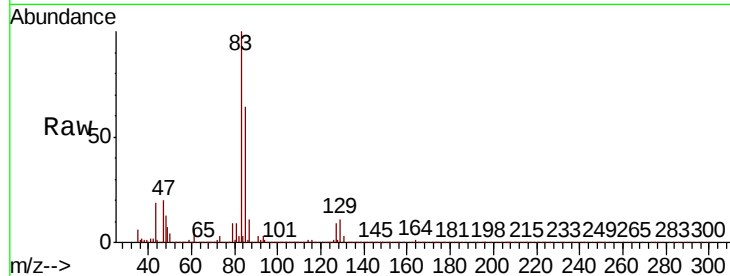
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	449676
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.1	78.1
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.673 ug/l

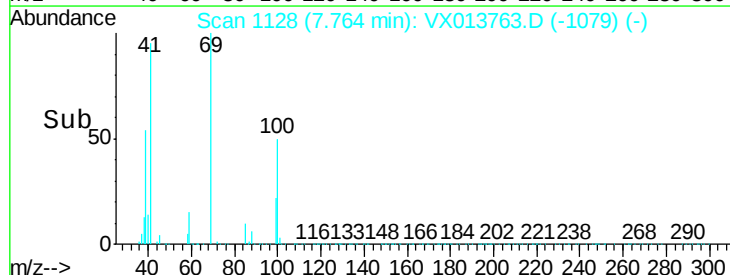
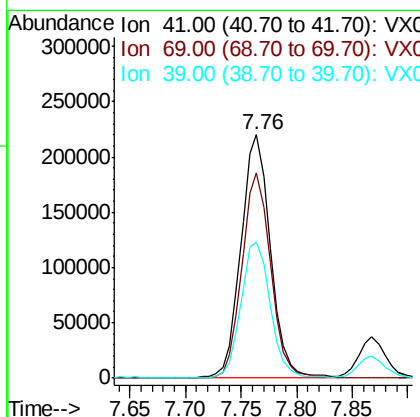
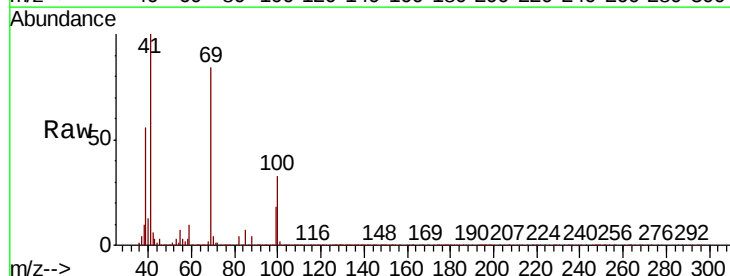
RT: 7.76 min Scan# 1128

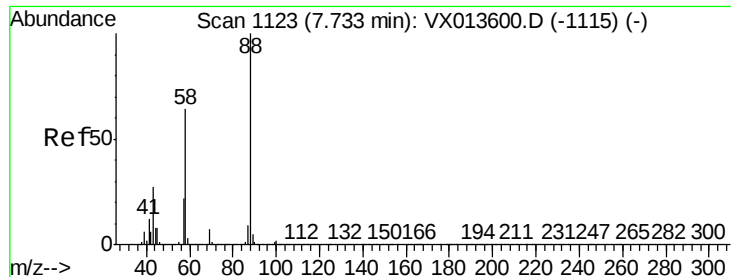
Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	41	Resp:	403328
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	55.7	43.8	65.6





#49

1,4-Dioxane

Concen: 1036.164 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

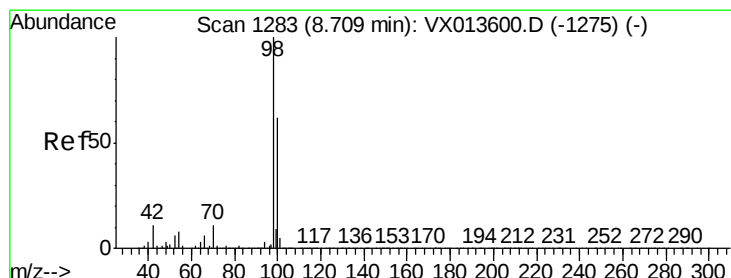
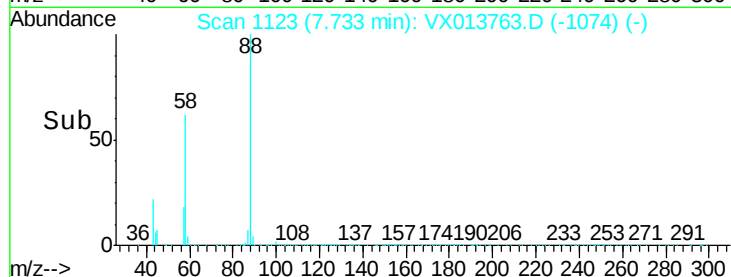
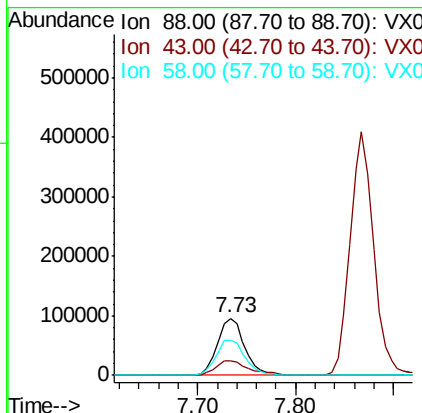
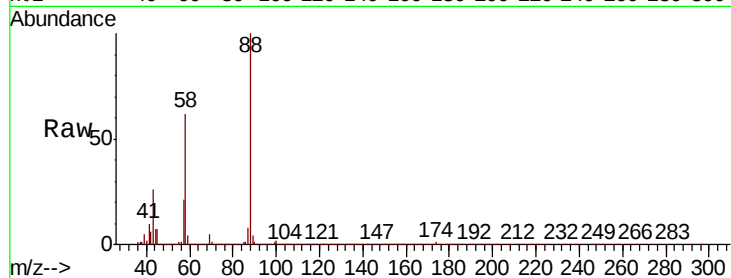
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	184606
Ion Ratio	Lower	Upper	
88	100		
43	30.7	25.8	38.6
58	66.2	54.6	82.0

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#50

Toluene-d8

Concen: 47.400 ug/l

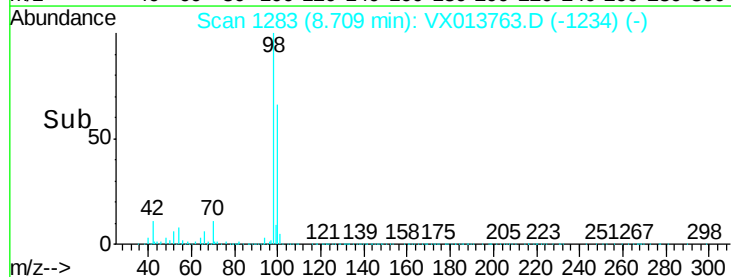
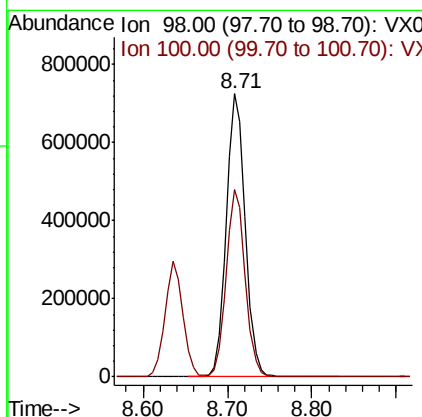
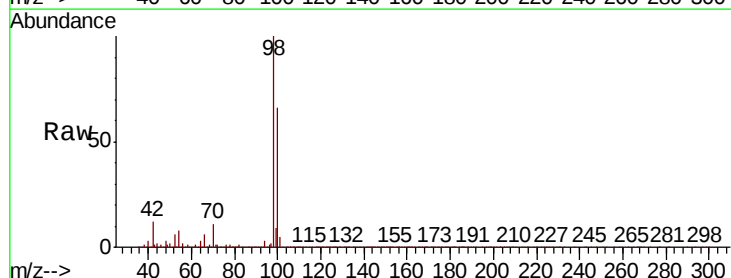
RT: 8.71 min Scan# 1283

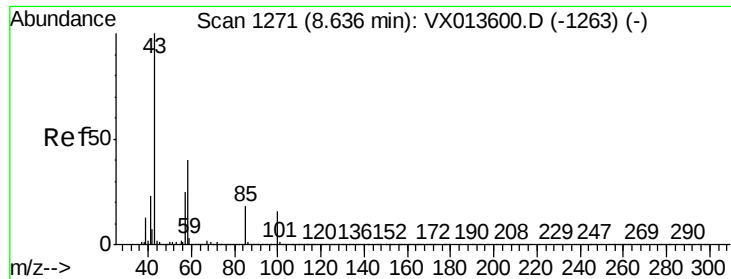
Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	98	Resp:	1115561
Ion Ratio	Lower	Upper	
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 249.675 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2572761

Ion Ratio Lower Upper

43 100

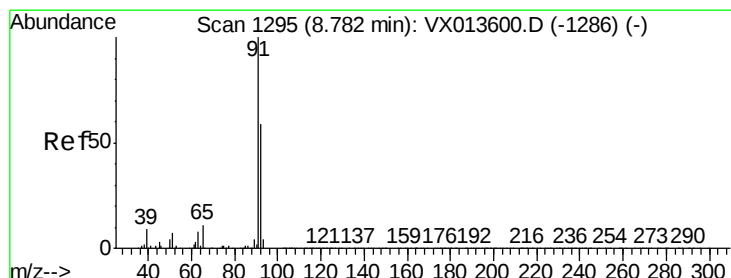
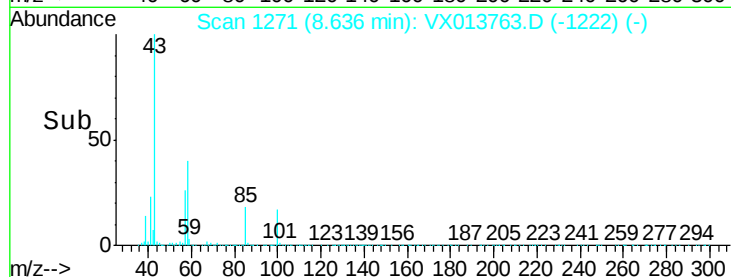
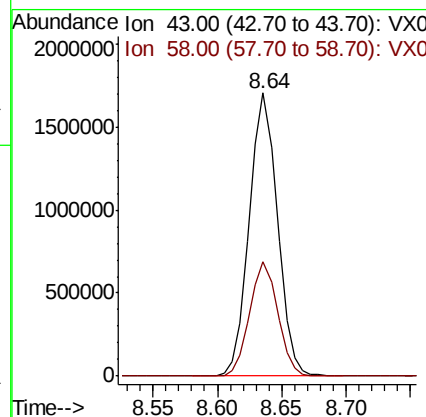
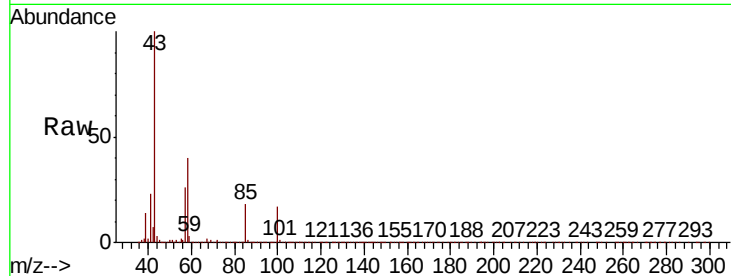
58 40.4 32.1 48.1

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#52

Toluene

Concen: 48.581 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013763.D

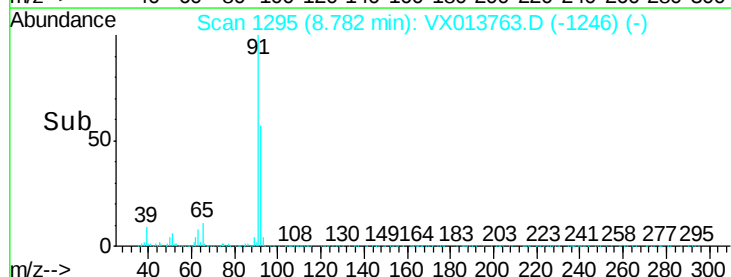
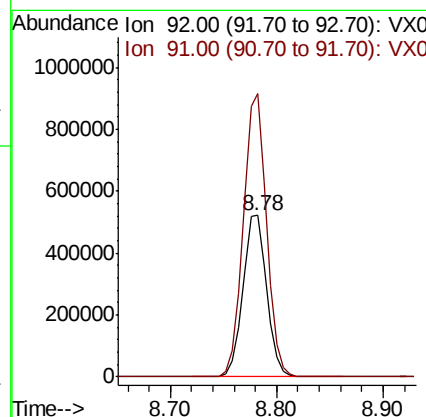
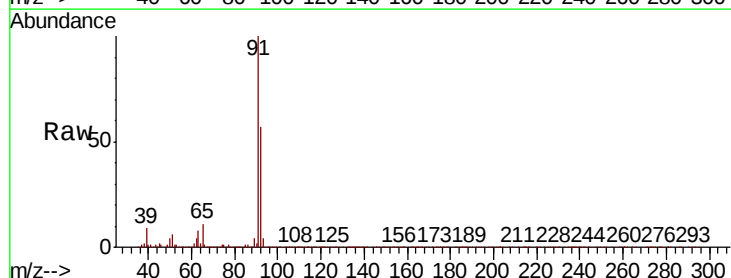
Acq: 04 Dec 2019 20:33

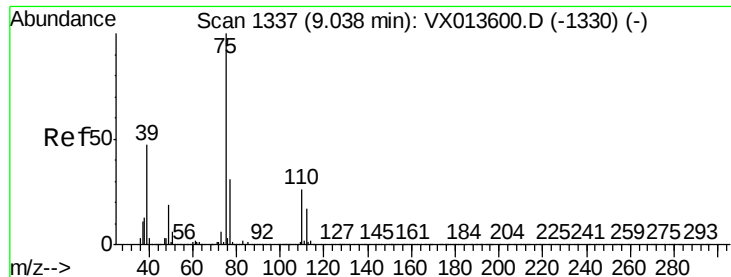
Tgt Ion: 92 Resp: 815303

Ion Ratio Lower Upper

92 100

91 171.9 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 49.545 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 489395

Ion Ratio Lower Upper

75 100

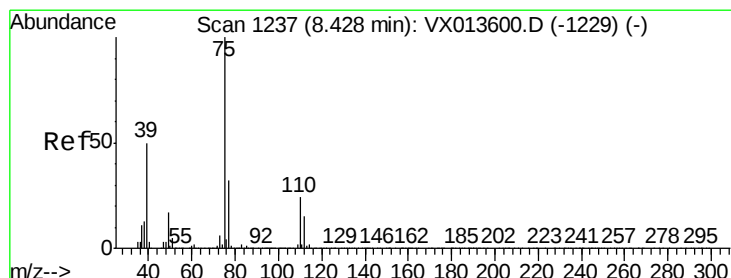
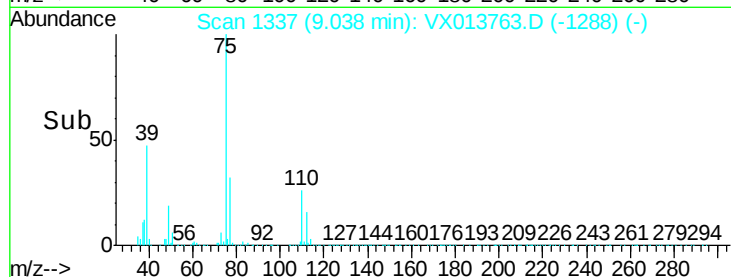
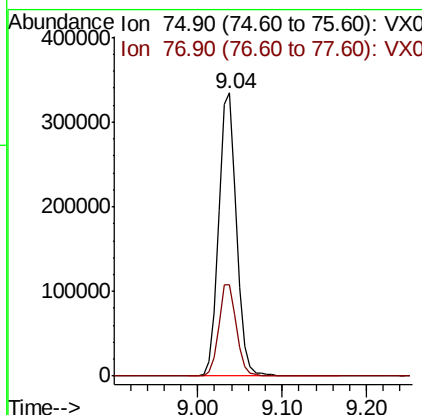
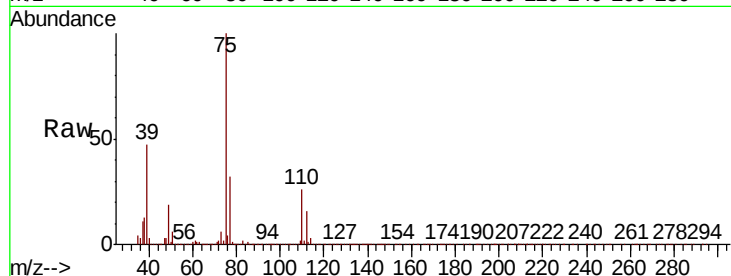
77 32.1 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 50.170 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

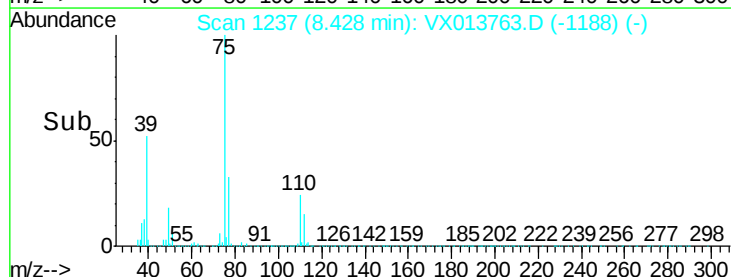
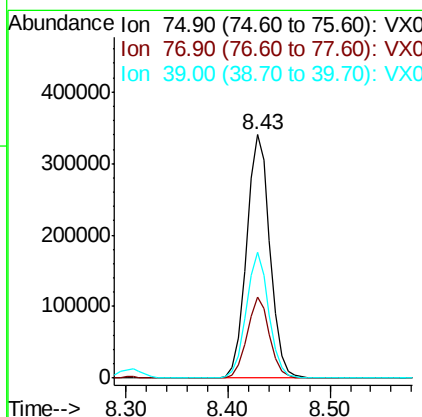
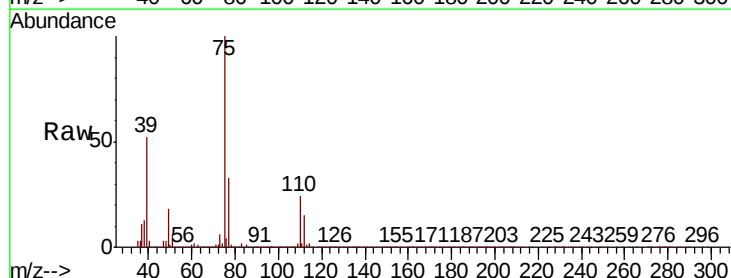
Tgt Ion: 75 Resp: 541416

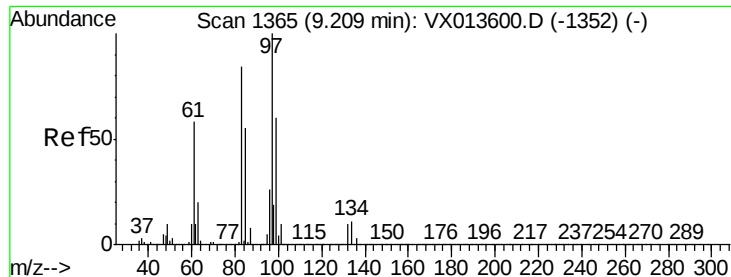
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

39 51.7 39.9 59.9





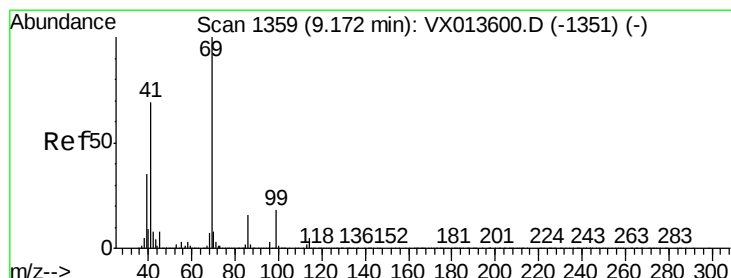
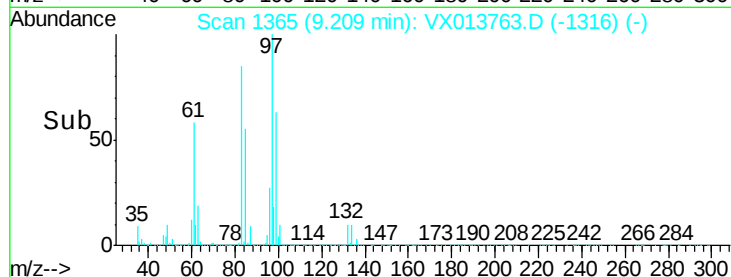
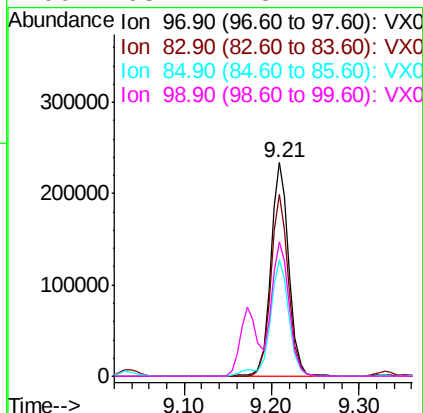
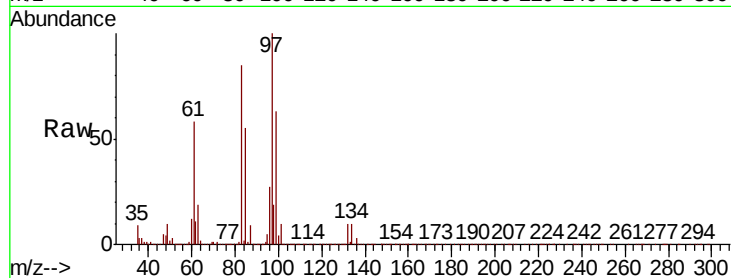
#55
 1,1,2-Trichloroethane
 Concen: 50.107 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		338869		
83	85.0	67.3	100.9		
85	54.5	43.6	65.4		
99	63.1	48.2	72.4		

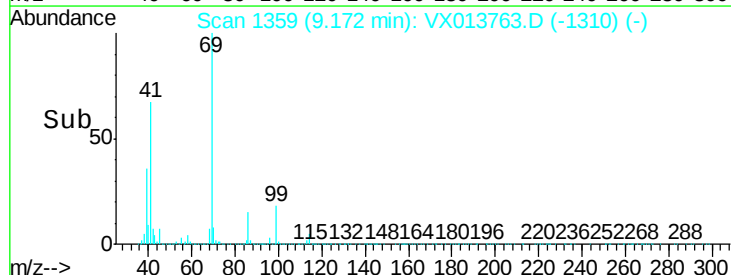
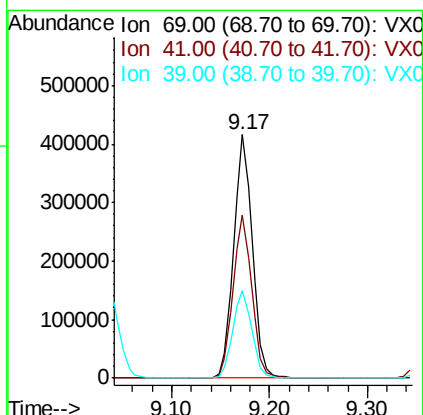
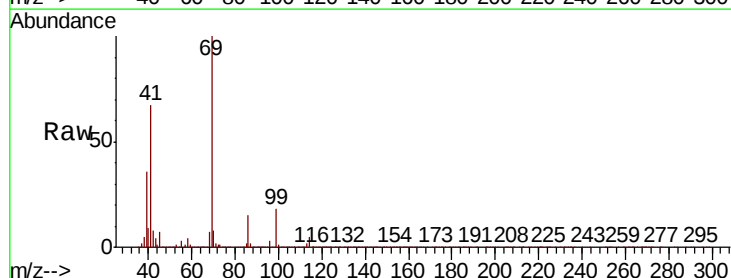
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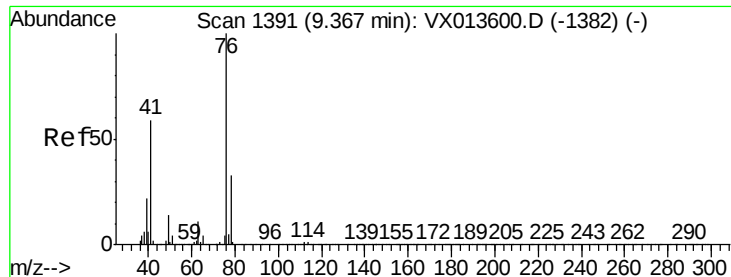
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#56
 Ethyl methacrylate
 Concen: 50.826 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		552635		
41	67.1	55.0	82.4		
39	36.6	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.384 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 564019

Ion Ratio Lower Upper

76 100

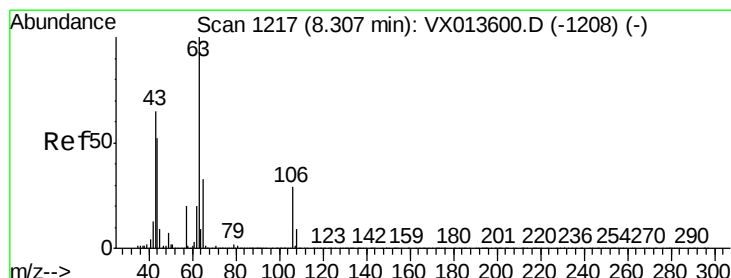
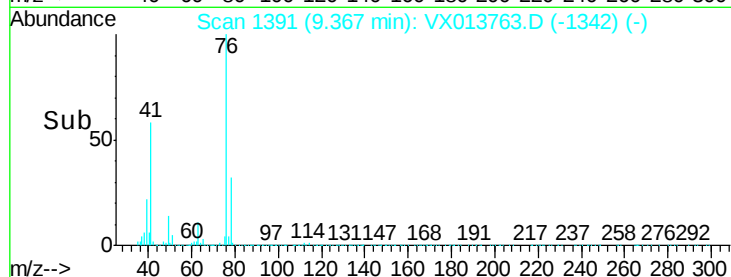
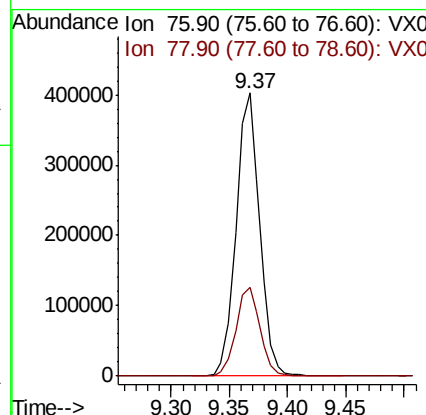
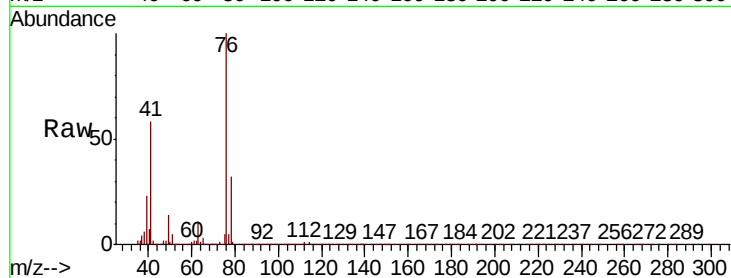
78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 239.290 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013763.D

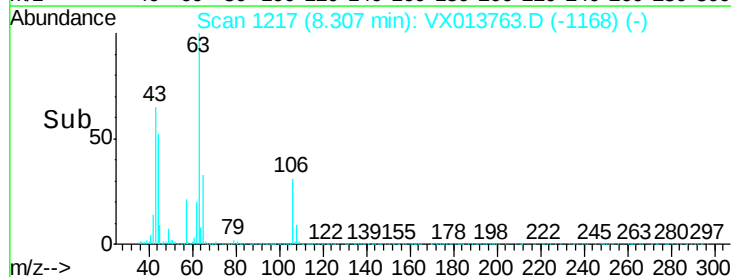
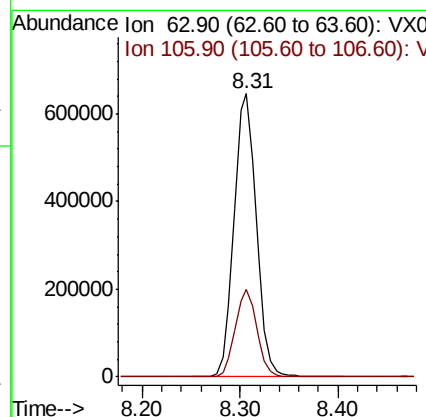
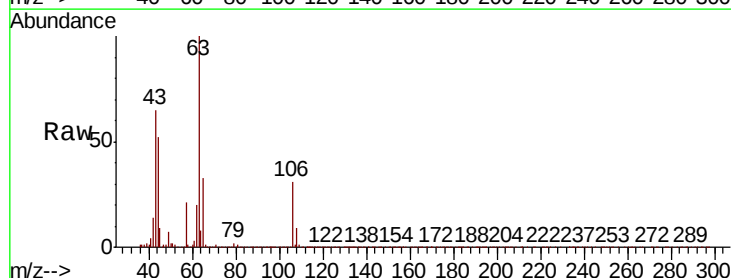
Acq: 04 Dec 2019 20:33

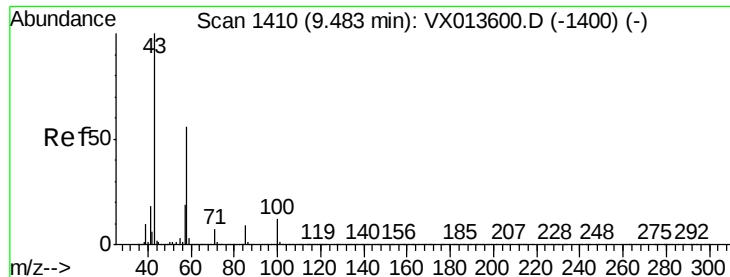
Tgt Ion: 63 Resp: 1020112

Ion Ratio Lower Upper

63 100

106 30.1 23.4 35.0





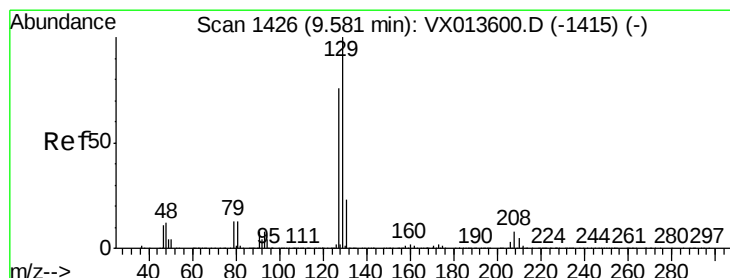
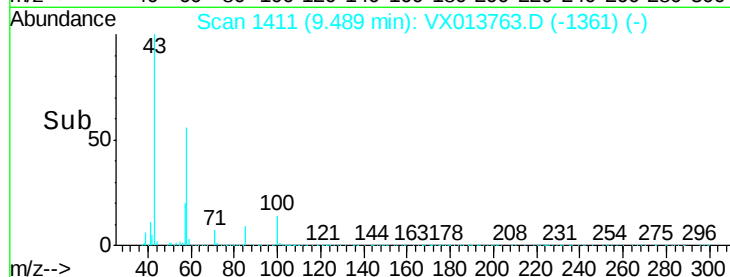
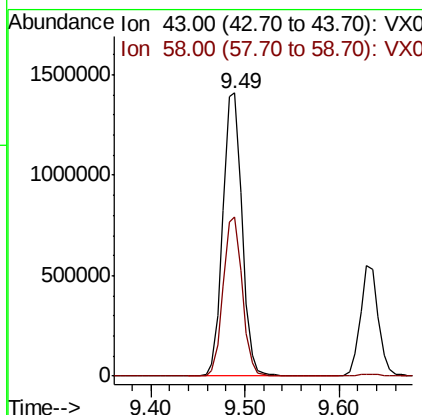
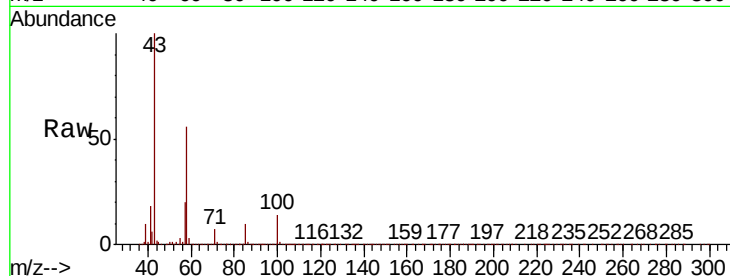
#59
2-Hexanone
Concen: 247.698 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1990673
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4

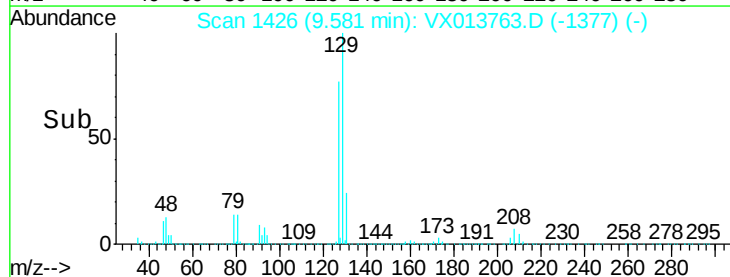
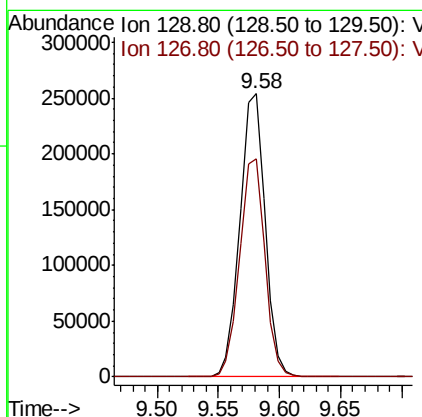
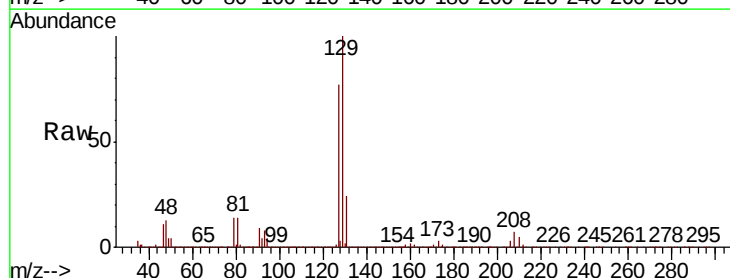
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#60
Dibromochloromethane
Concen: 51.832 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion: 129 Resp: 363785
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.132 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 354889

Ion Ratio Lower Upper

107 100

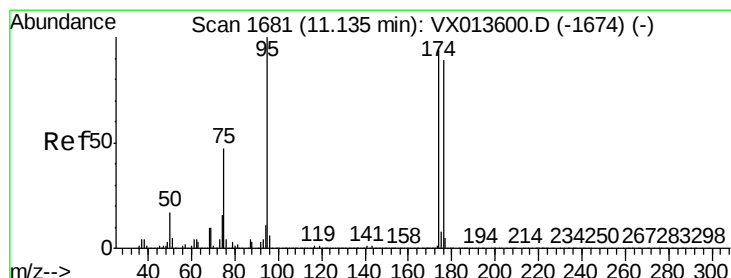
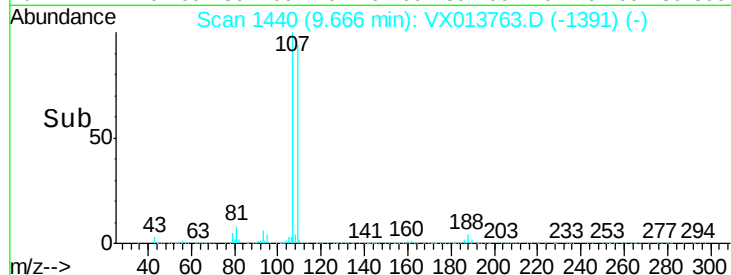
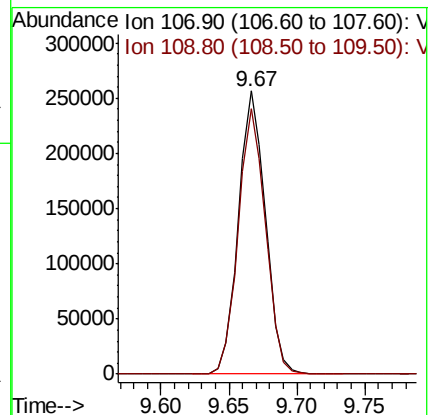
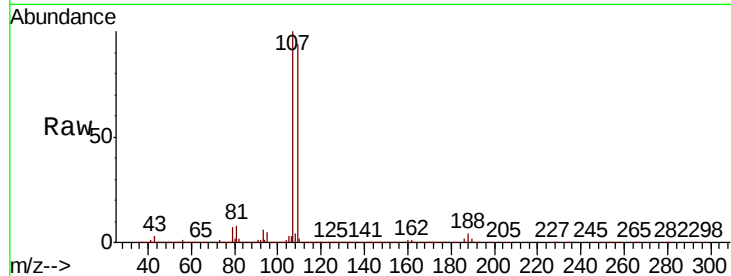
109 94.5 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 47.900 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

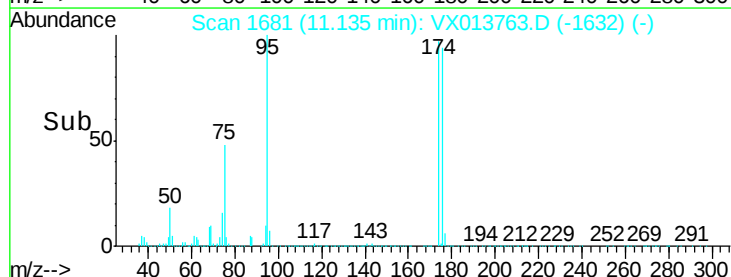
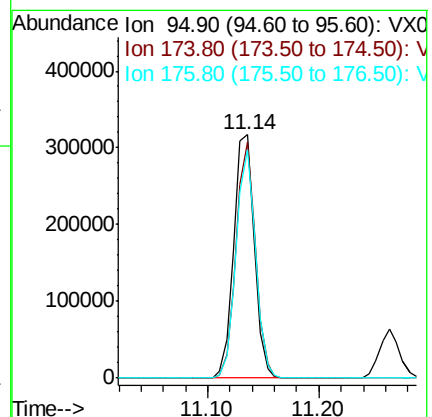
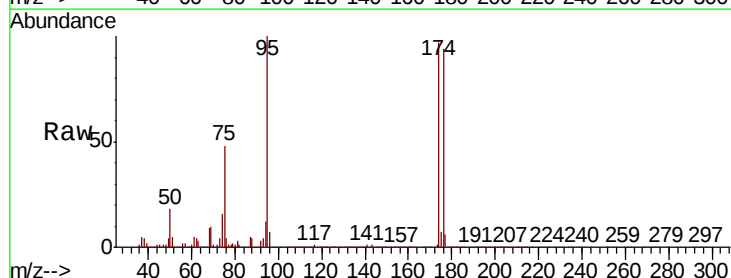
Tgt Ion: 95 Resp: 406516

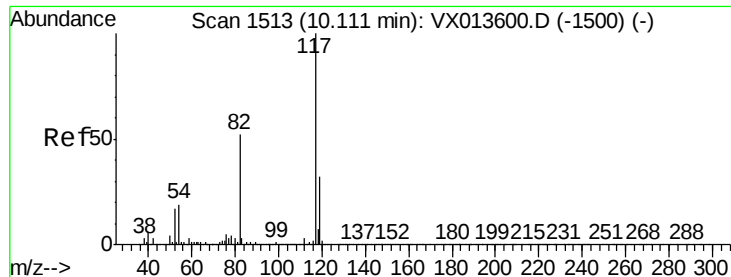
Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.0

176 89.1 0.0 173.6





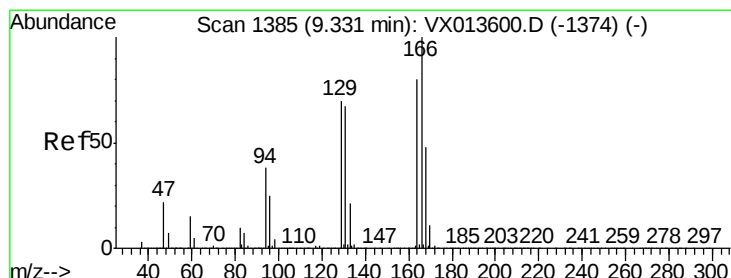
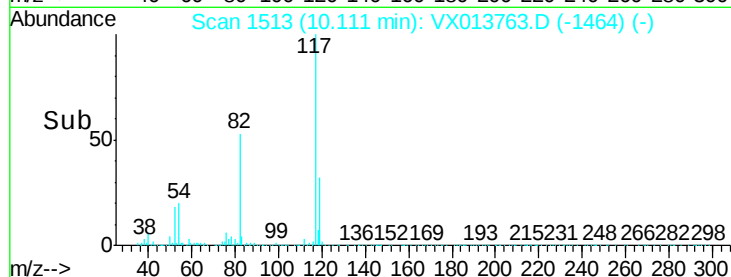
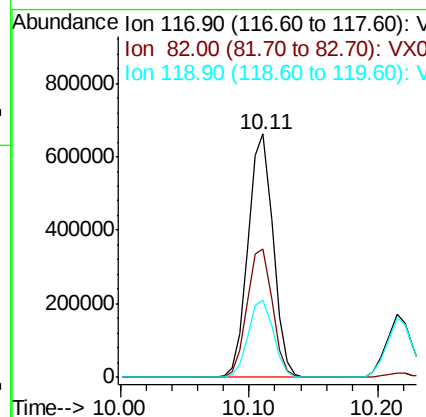
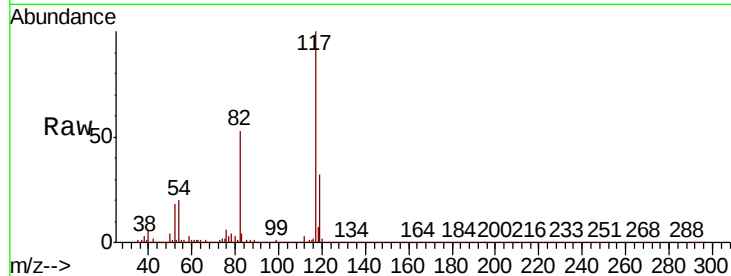
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	884931		
82	52.5		41.8	62.8
119	32.0		25.8	38.8

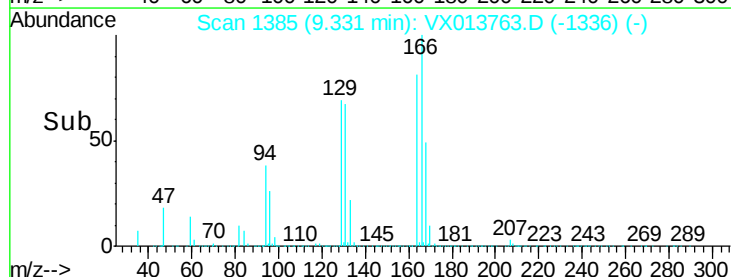
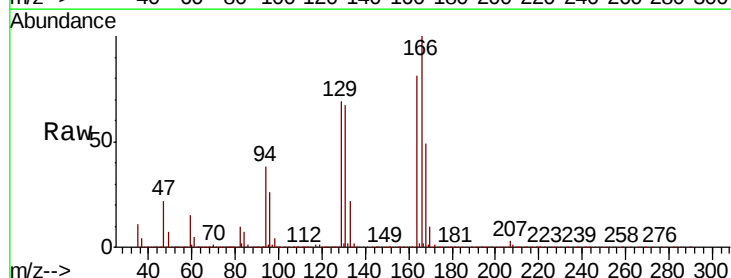
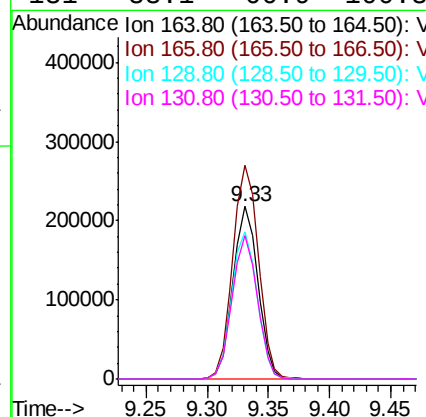
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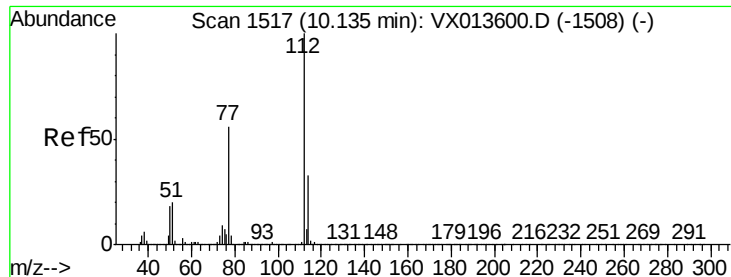
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#64
Tetrachloroethene
Concen: 46.516 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	306975		
166	124.0		99.7	149.5
129	85.3		70.1	105.1
131	83.1		66.9	100.3





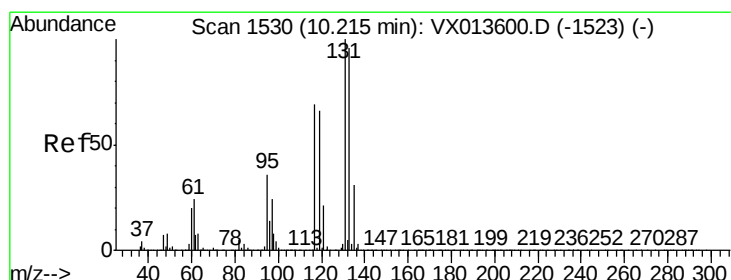
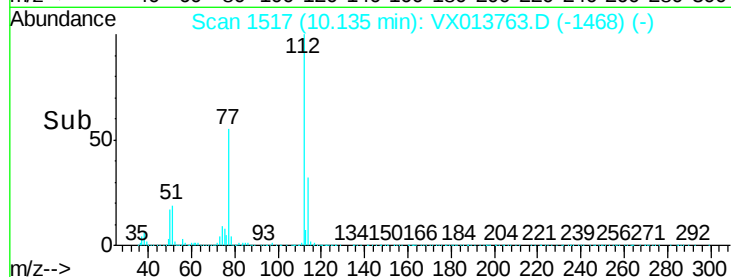
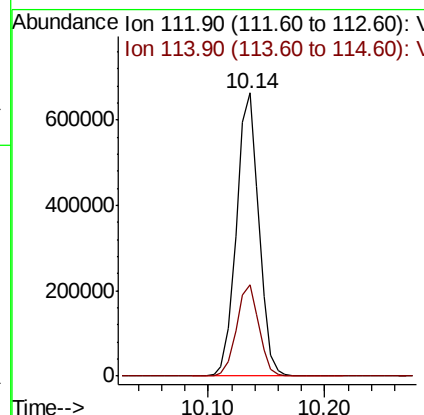
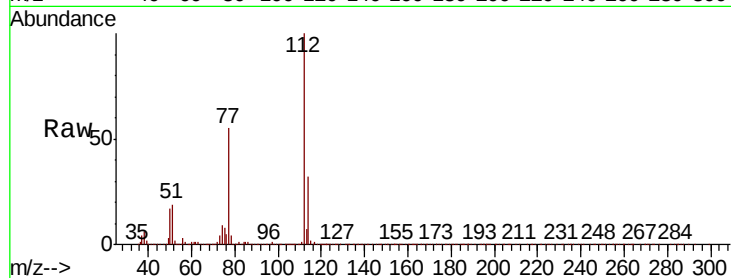
#65
Chlorobenzene
Concen: 48.272 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.1	39.1

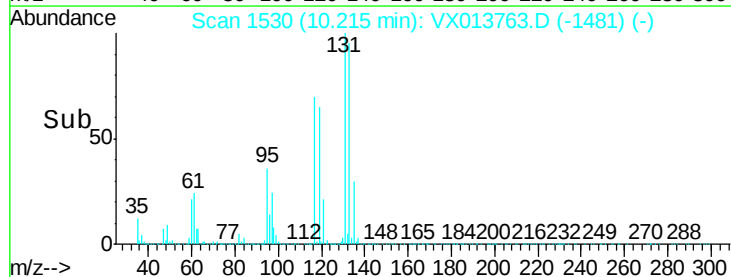
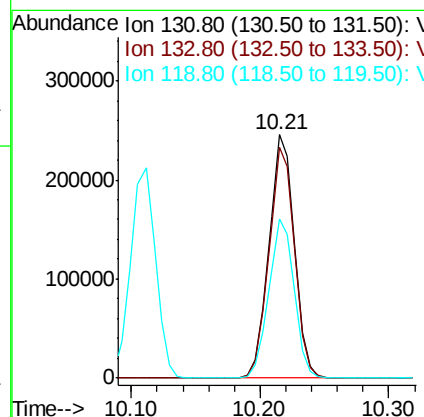
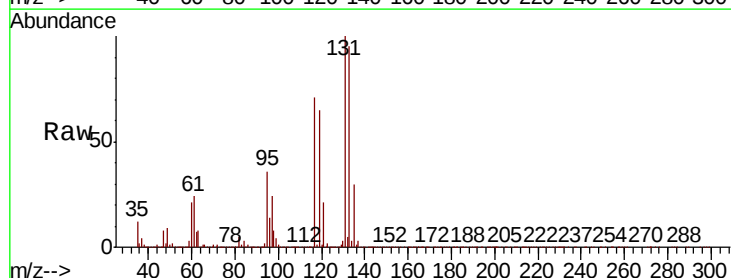
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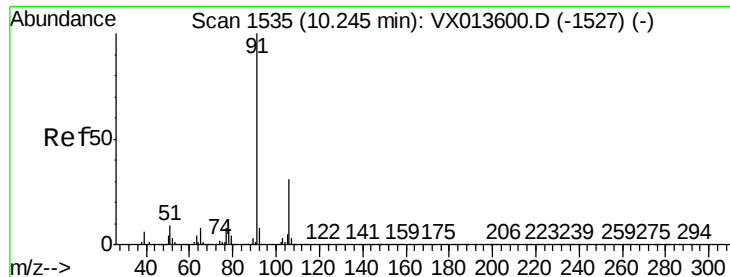
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.781 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.7	143.1
119	65.4	32.9	98.6





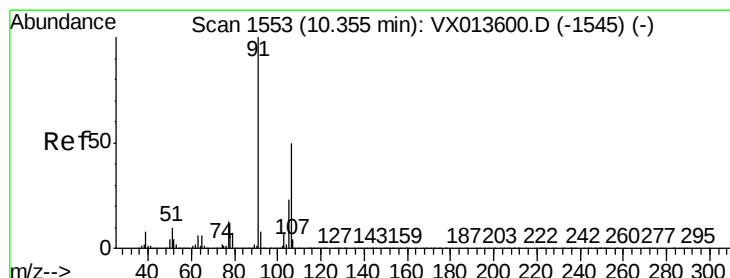
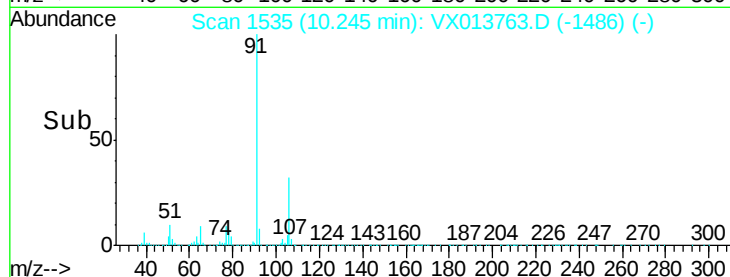
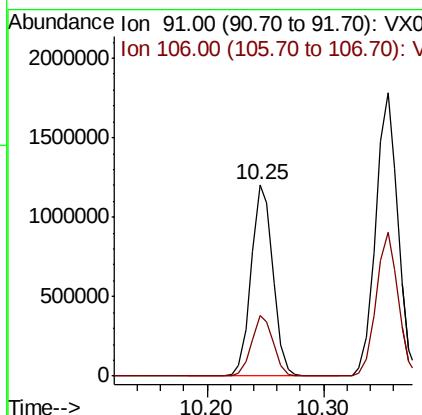
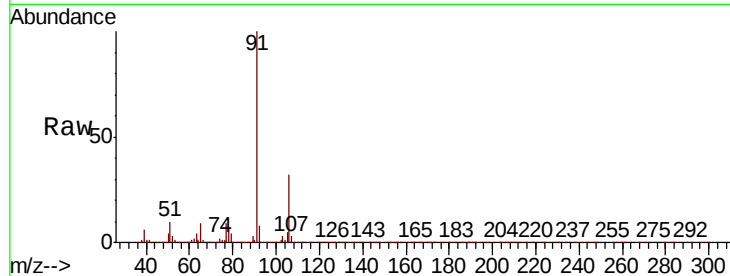
#67
Ethyl Benzene
Concen: 49.600 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1565965
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

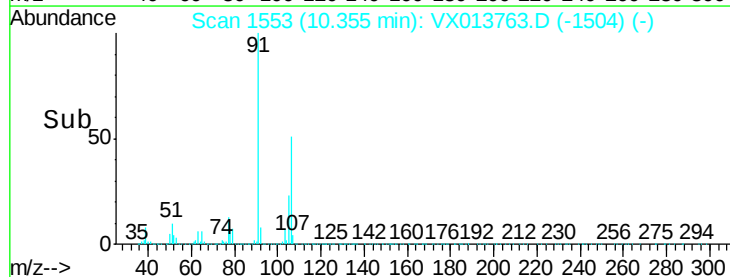
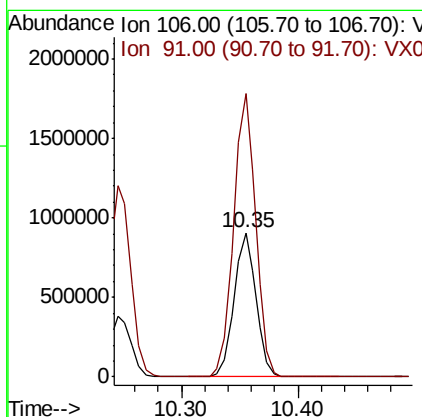
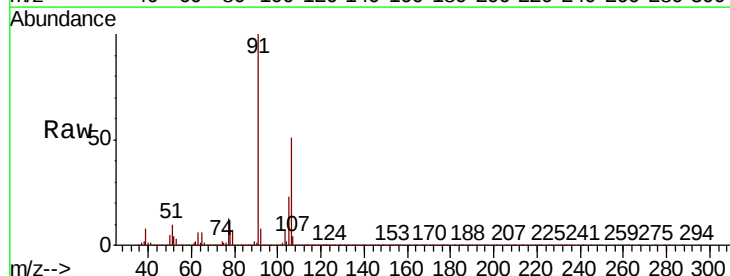
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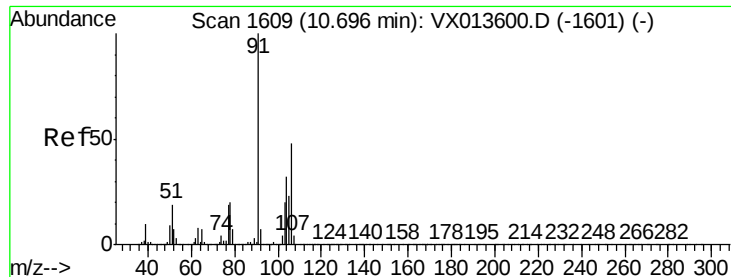
apatel
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#68
m/p-Xylenes
Concen: 98.264 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion: 106 Resp: 1187766
Ion Ratio Lower Upper
106 100
91 198.1 159.0 238.4





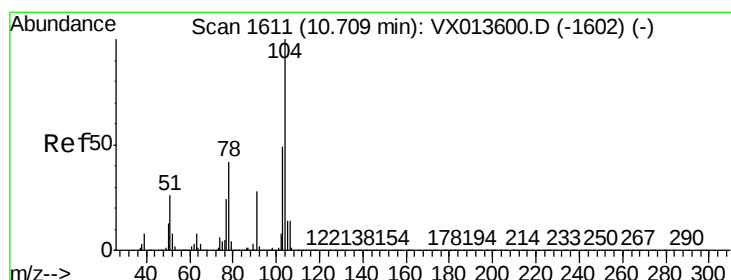
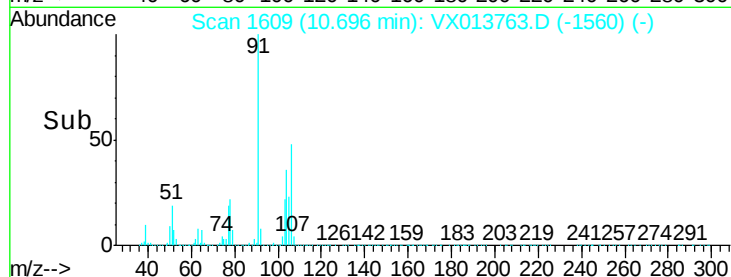
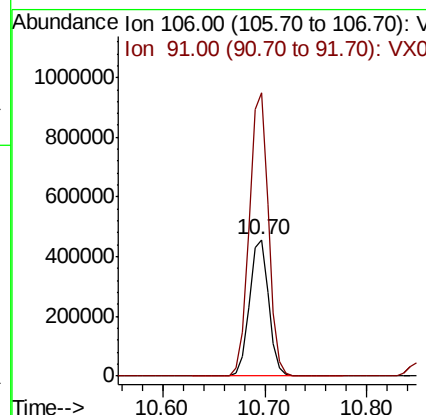
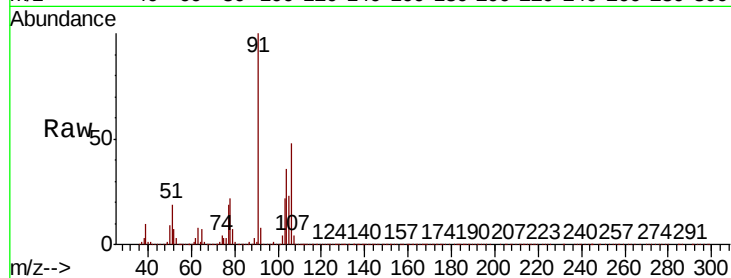
#69
o-Xylene
Concen: 50.190 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion:106 Resp: 591682
Ion Ratio Lower Upper
106 100
91 207.3 104.1 312.2

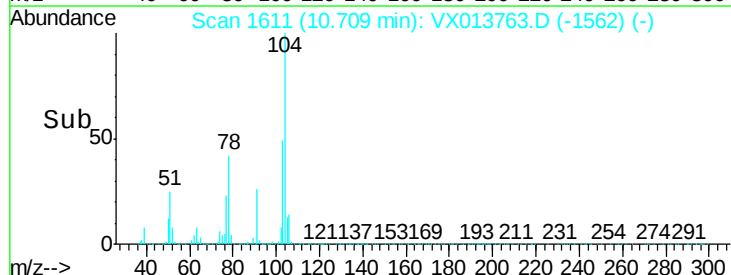
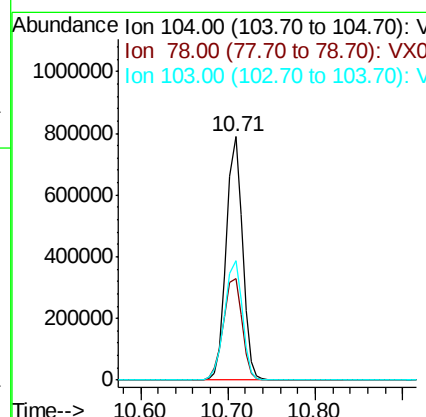
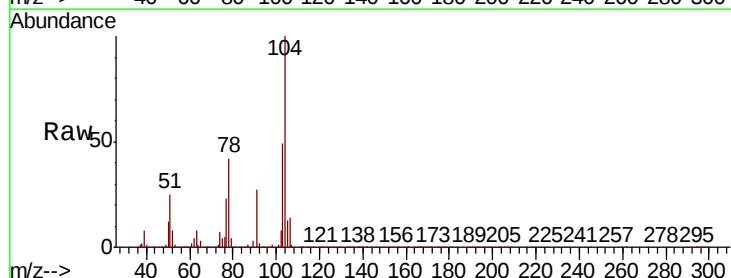
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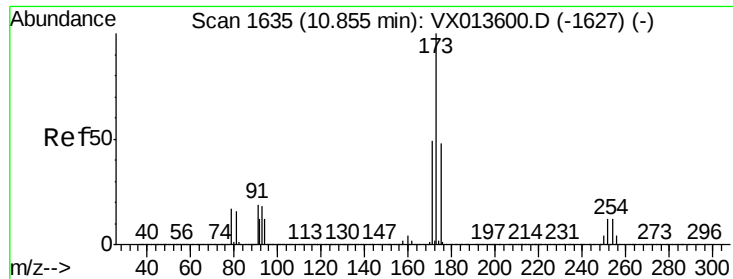
apatel
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#70
Styrene
Concen: 50.989 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion:104 Resp: 1011159
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 53.068 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

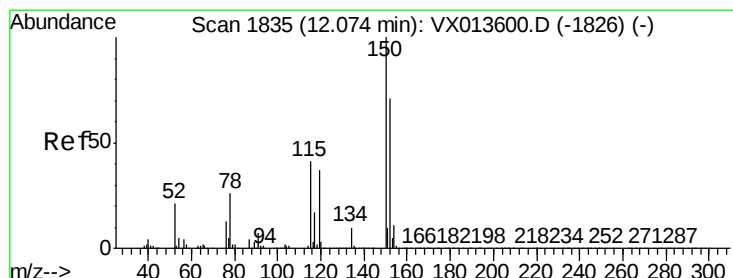
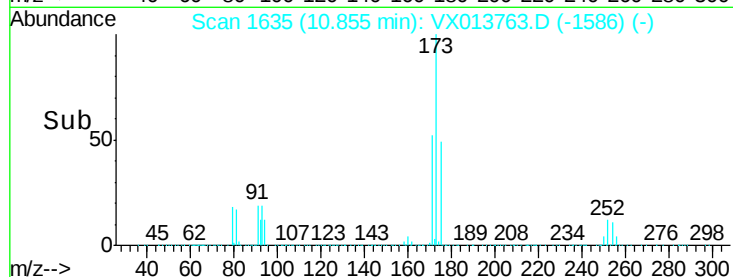
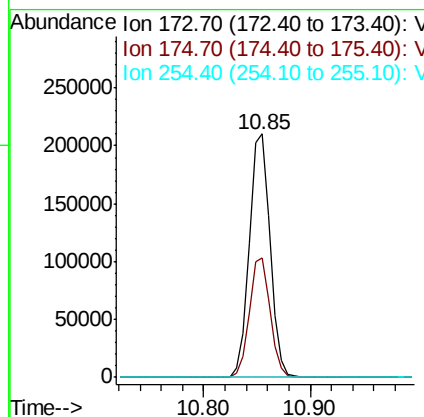
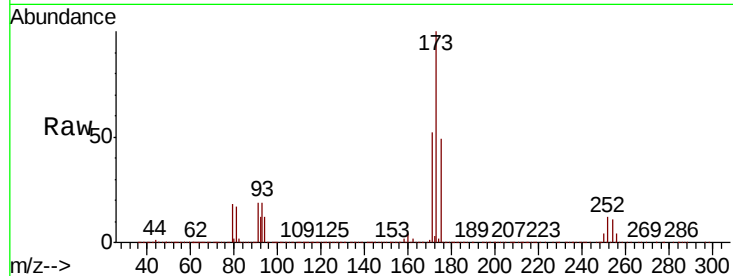
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	289697
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.3	72.8
254	0.3	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

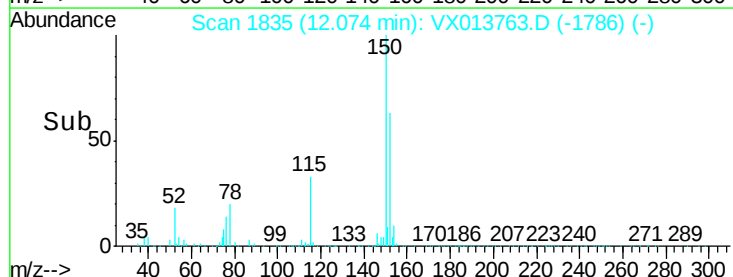
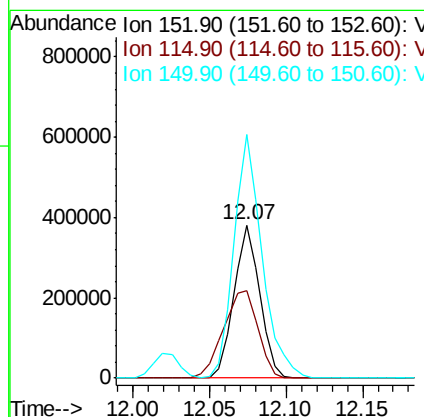
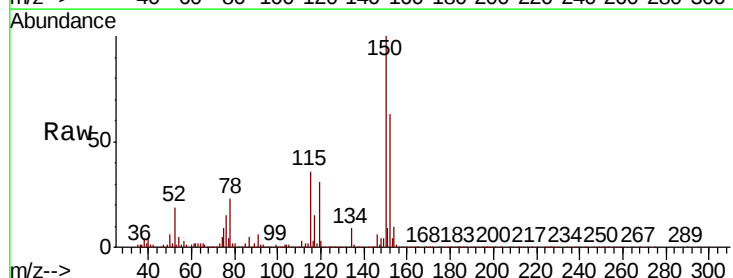
RT: 12.07 min Scan# 1835

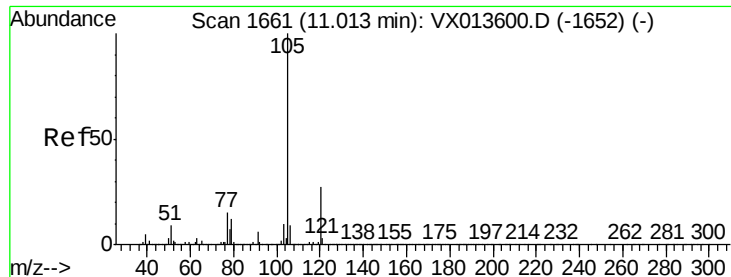
Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	152	Resp:	444936
Ion Ratio	Lower	Upper	
152	100		
115	76.7	38.4	115.1
150	173.9	0.0	346.8





#73

Isopropylbenzene

Concen: 49.223 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1536278

Ion Ratio Lower Upper

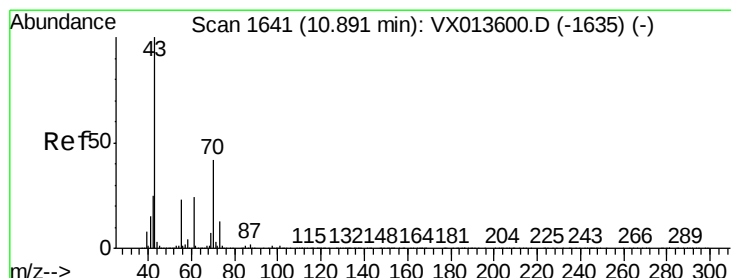
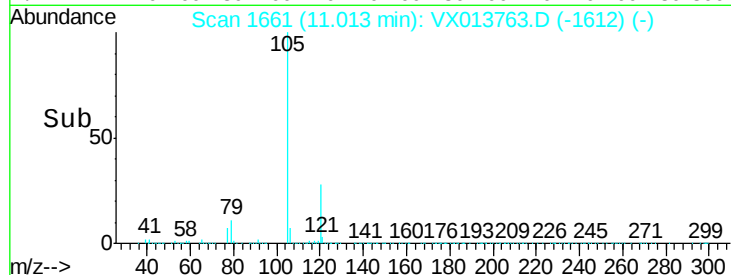
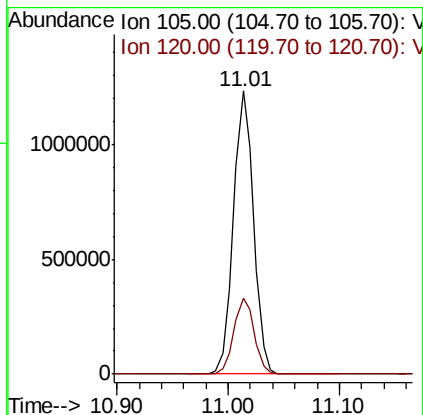
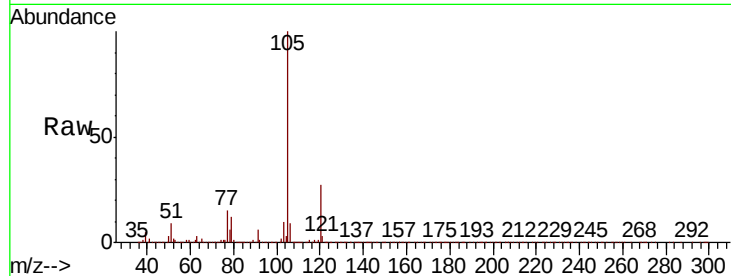
105 100

120 27.1 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.869 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion: 43 Resp: 727288

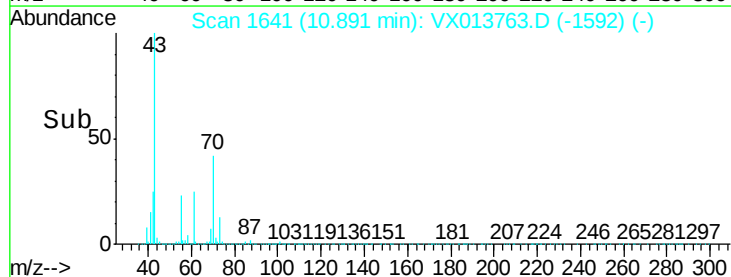
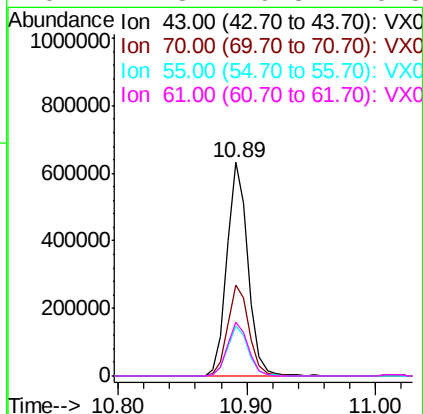
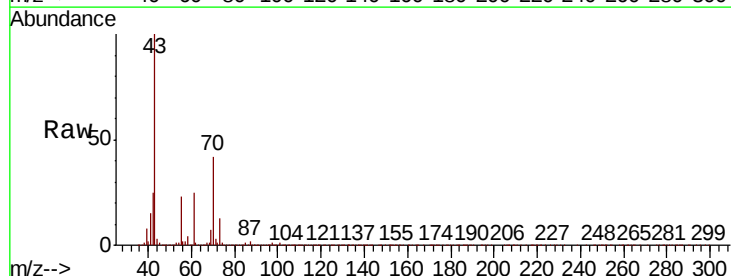
Ion Ratio Lower Upper

43 100

70 43.2 34.3 51.5

55 23.5 18.5 27.7

61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.518 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

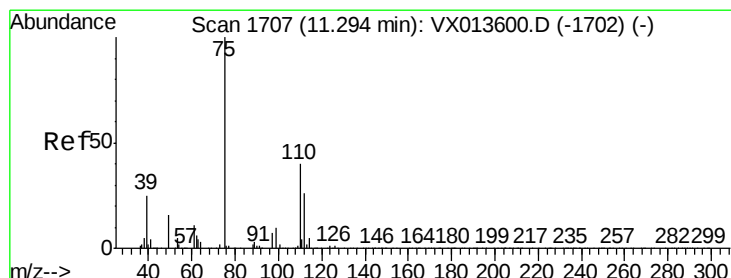
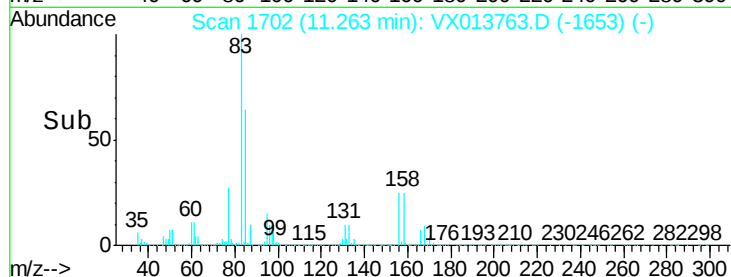
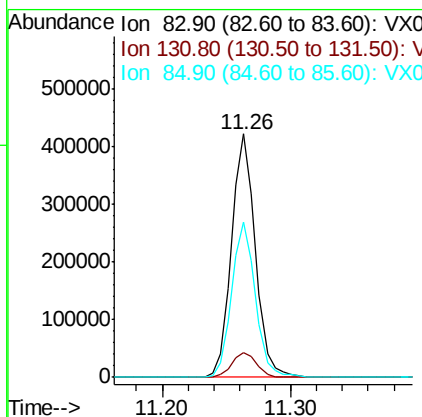
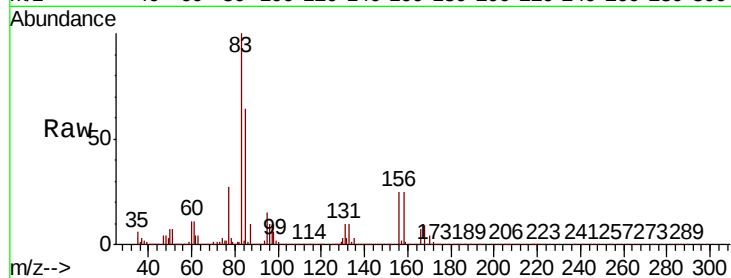
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	546794
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.6	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 42.456 ug/l m

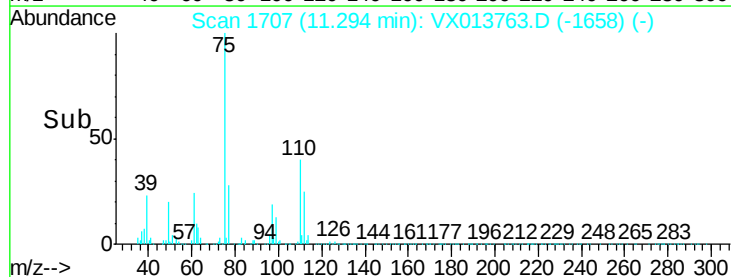
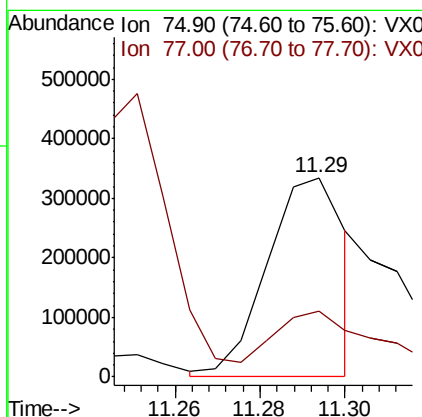
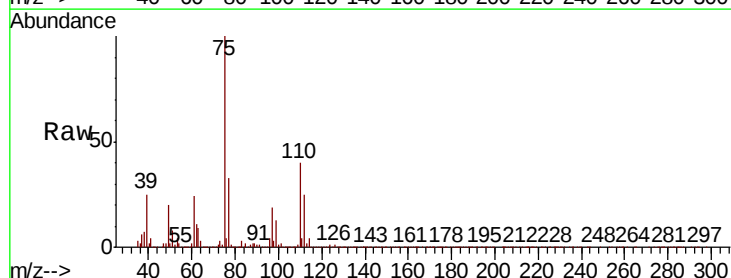
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	75	Resp:	424876
Ion Ratio	Lower	Upper	
75	100		
77	44.3	19.1	57.5





#77

Bromobenzene

Concen: 48.722 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

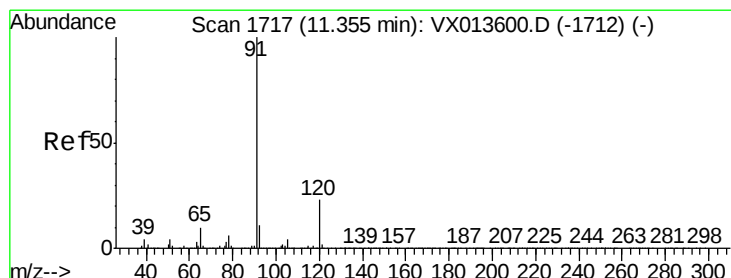
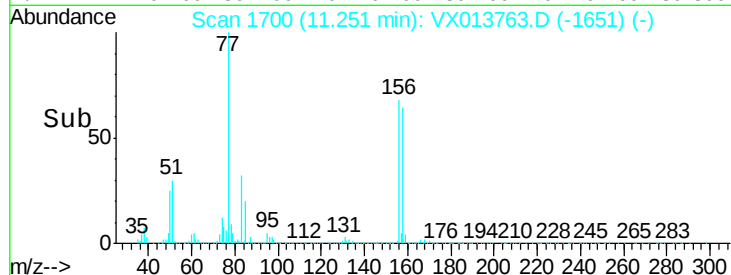
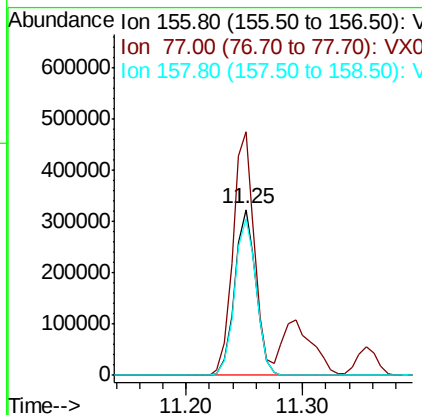
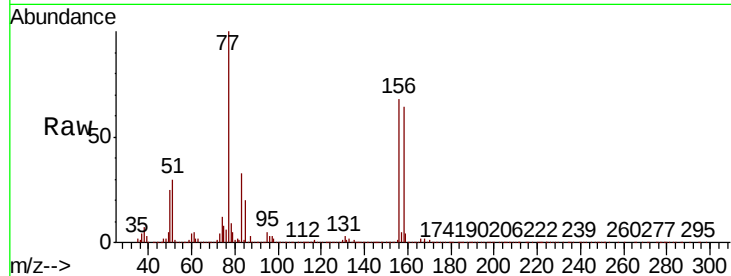
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.8	74.4	223.1
158	96.3	48.9	146.6

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#78

n-propylbenzene

Concen: 49.231 ug/l

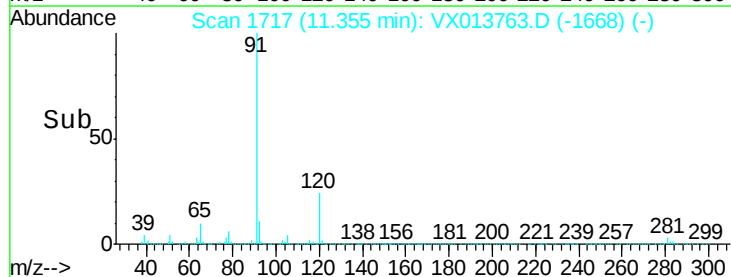
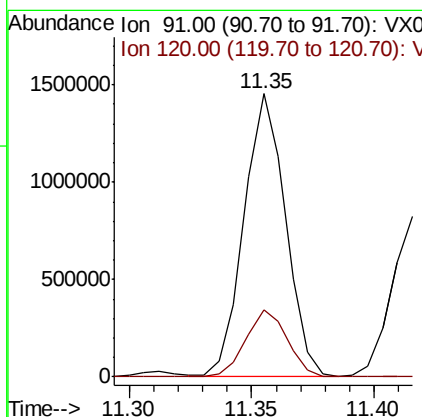
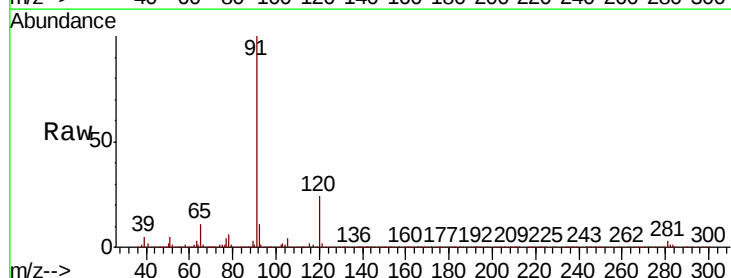
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.3





#79

2-Chlorotoluene

Concen: 48.446 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1012524

Ion Ratio Lower Upper

91 100

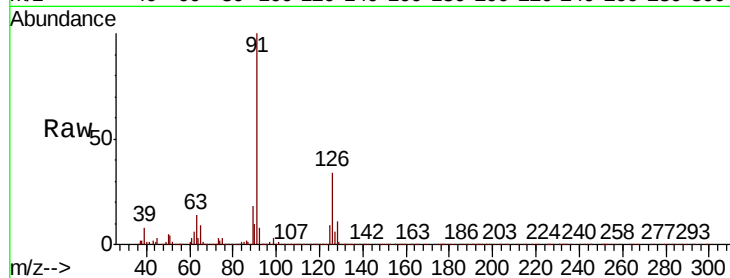
126 35.2 17.5 52.5

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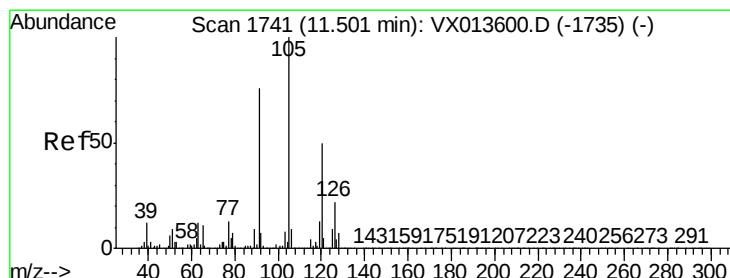
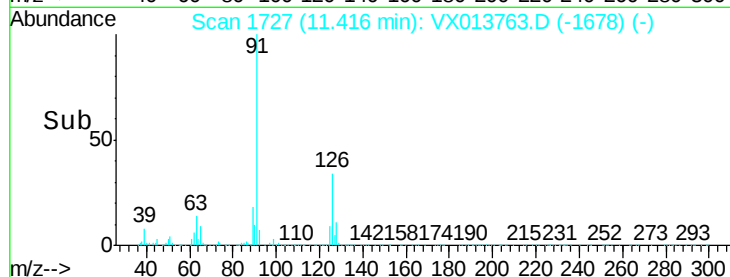
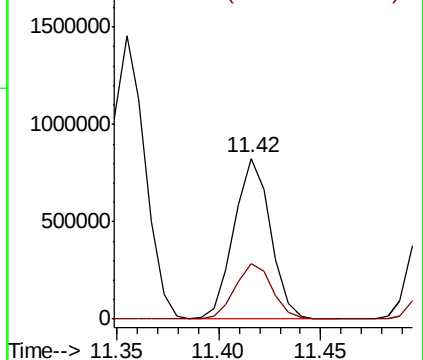
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.291 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013763.D

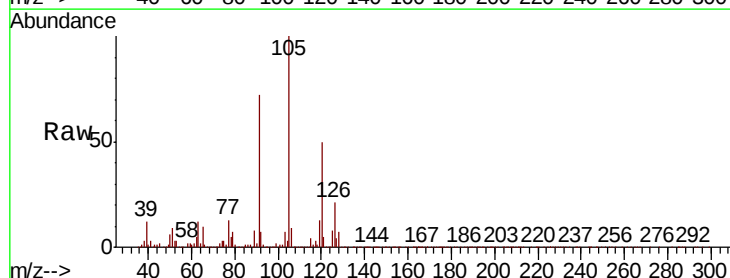
Acq: 04 Dec 2019 20:33

Tgt Ion: 105 Resp: 1286438

Ion Ratio Lower Upper

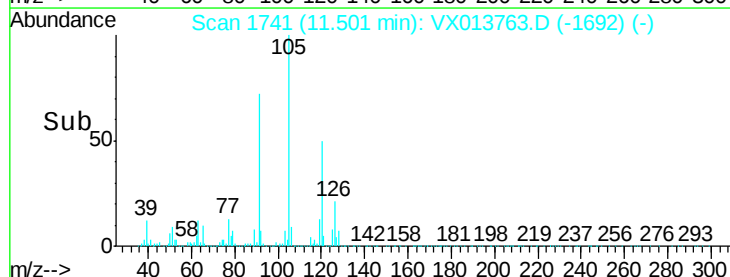
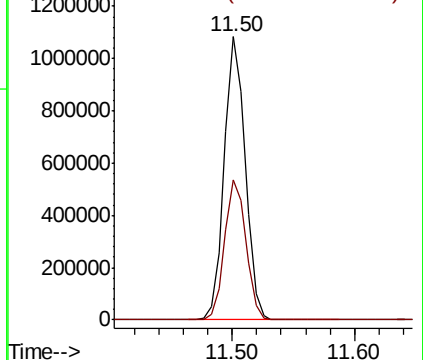
105 100

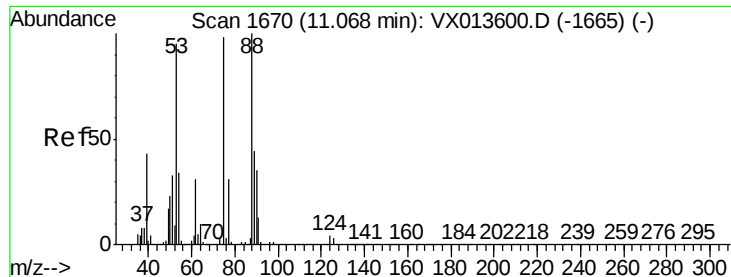
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





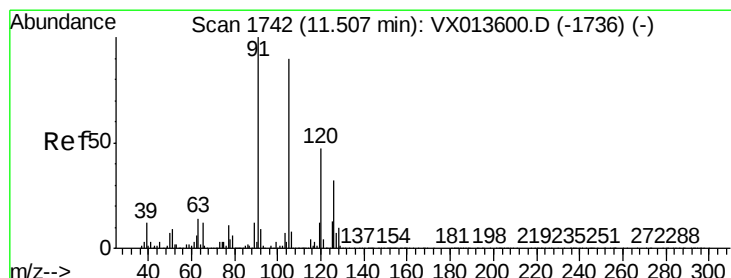
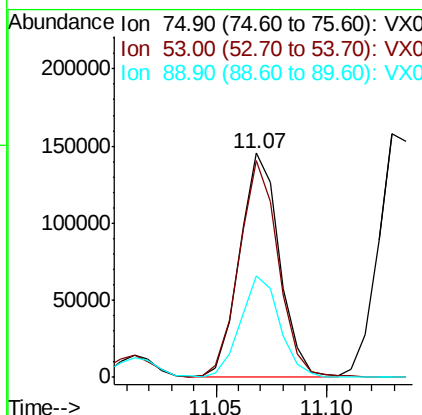
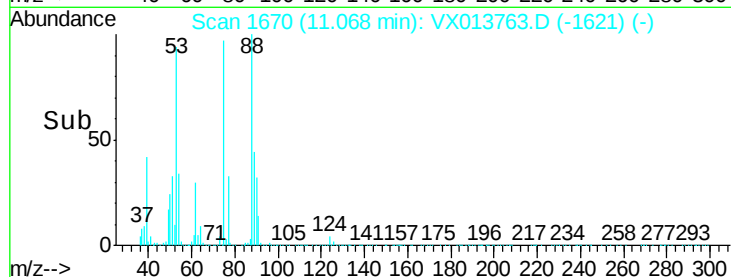
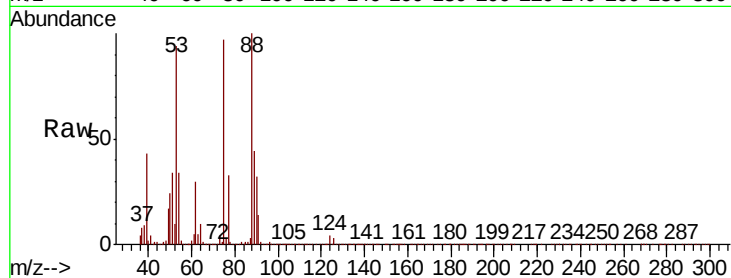
#81
trans-1,4-Dichloro-2-butene
Concen: 49.375 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	78.2	117.2
89	45.2	35.4	53.2

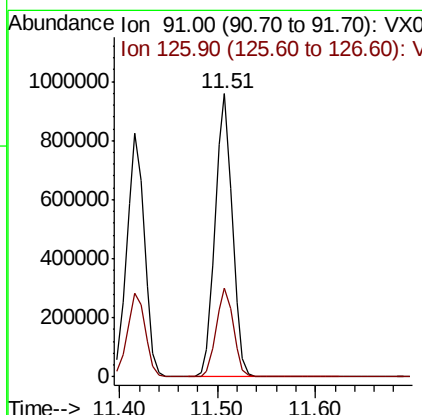
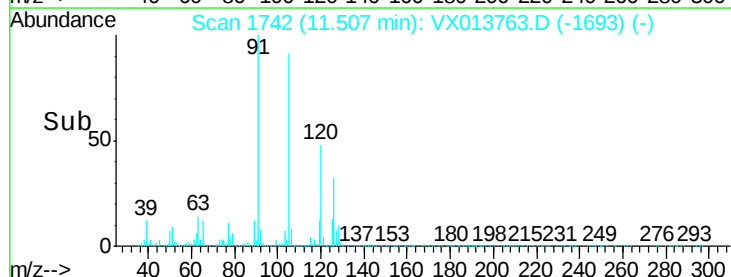
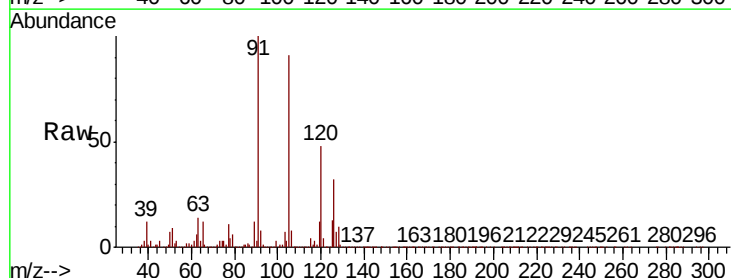
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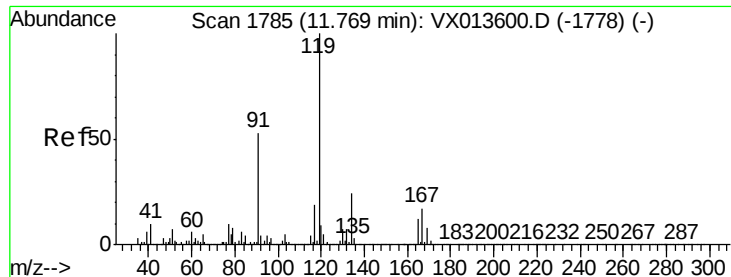
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#82
4-Chlorotoluene
Concen: 48.453 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





#83

tert-Butylbenzene

Concen: 50.718 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1318510

Ion Ratio Lower Upper

119 100

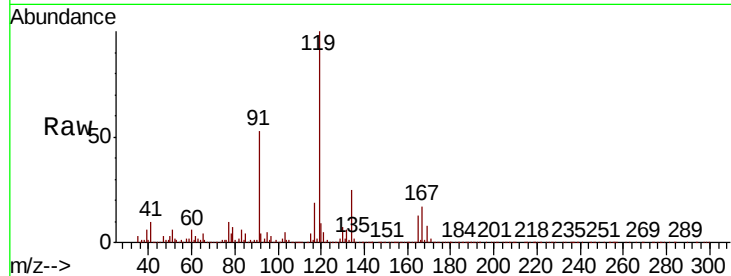
91 53.3 27.2 81.6

134 24.0 11.7 35.1

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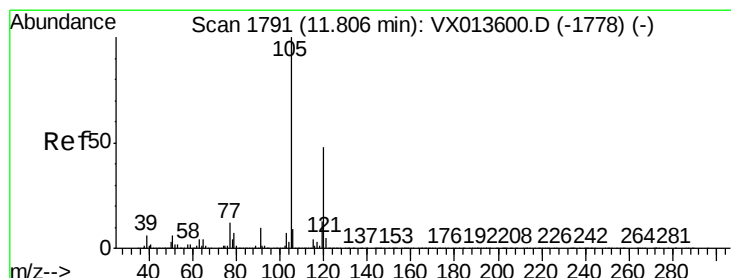
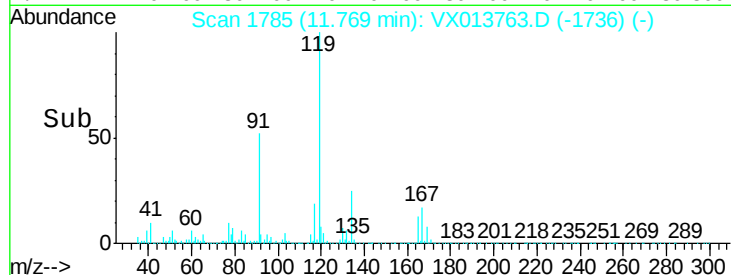
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

11.77

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 49.879 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013763.D

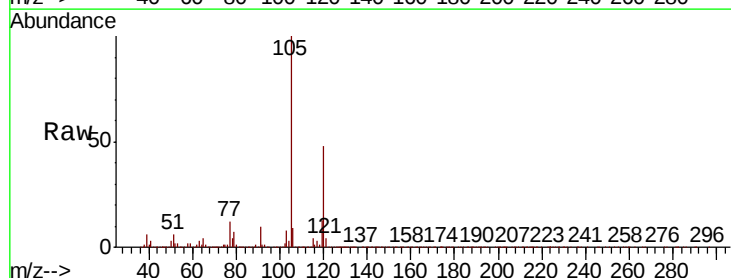
Acq: 04 Dec 2019 20:33

Tgt Ion:105 Resp: 1294906

Ion Ratio Lower Upper

105 100

120 46.0 23.1 69.3

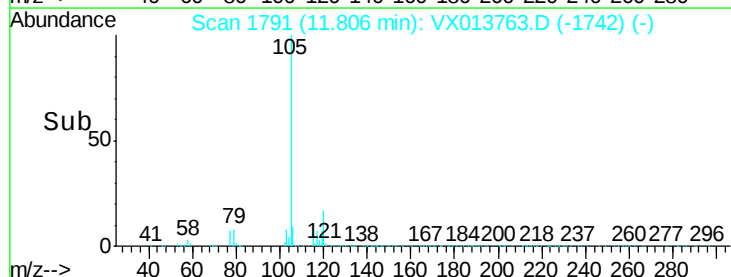


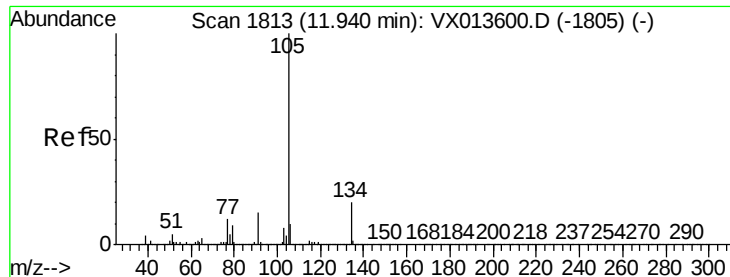
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

Time-->





#85

sec-Butylbenzene

Concen: 49.568 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1471878

Ion Ratio Lower Upper

105 100

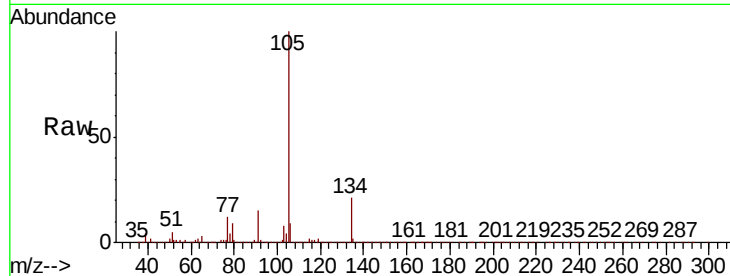
134 21.0 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

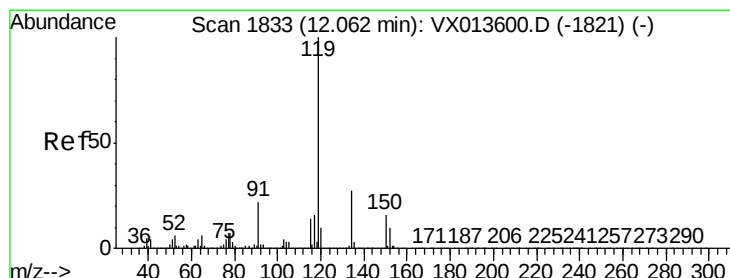
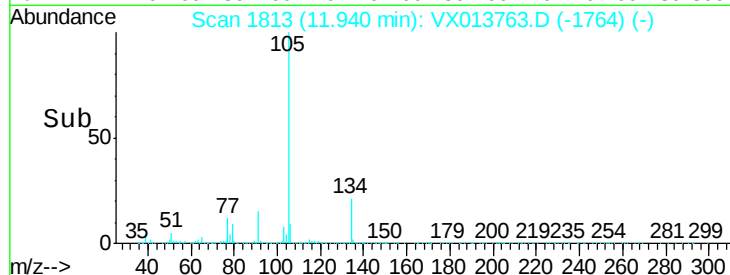
11.94

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.223 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

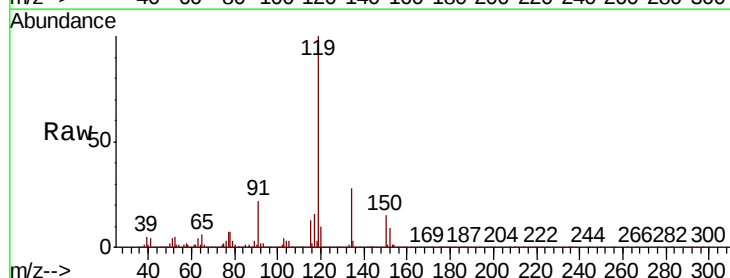
Tgt Ion:119 Resp: 1359734

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

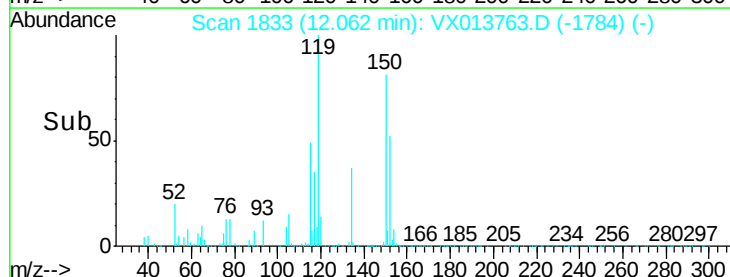
1500000

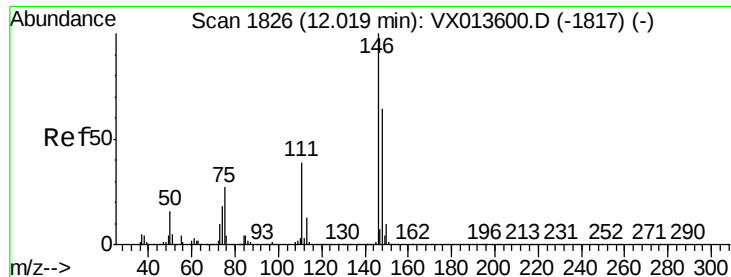
1000000

500000

0

Time-->





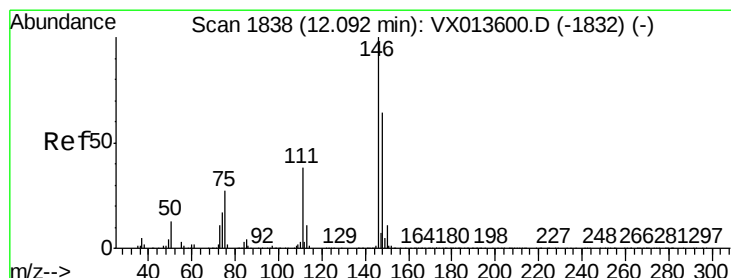
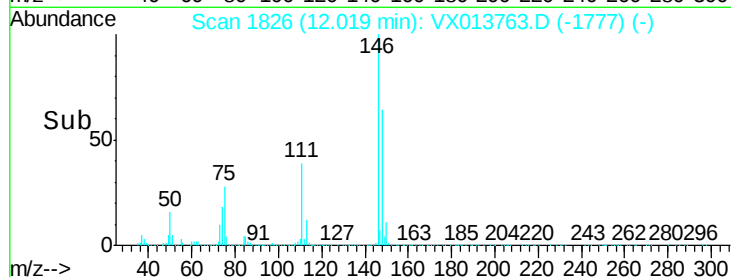
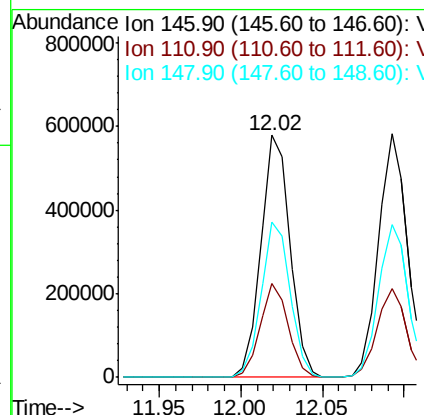
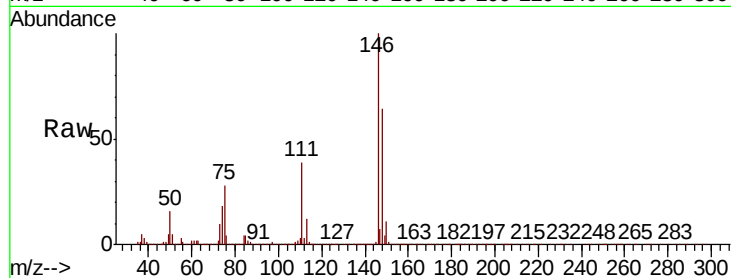
#87
 1,3-Dichlorobenzene
 Concen: 48.859 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.9	31.8	95.4

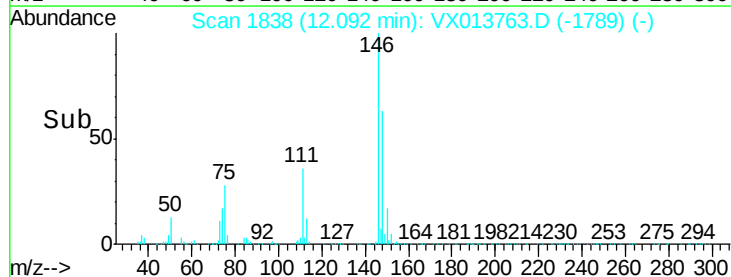
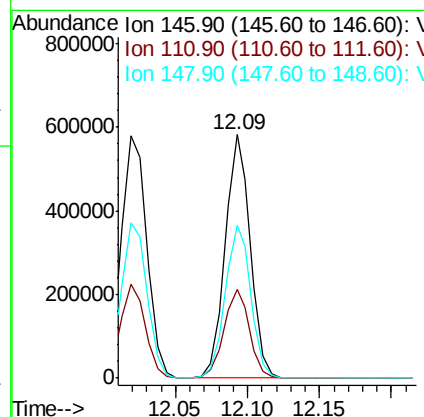
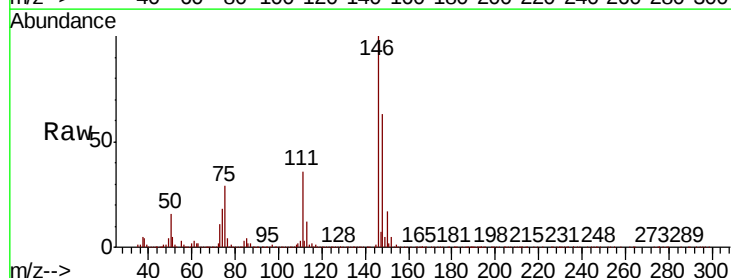
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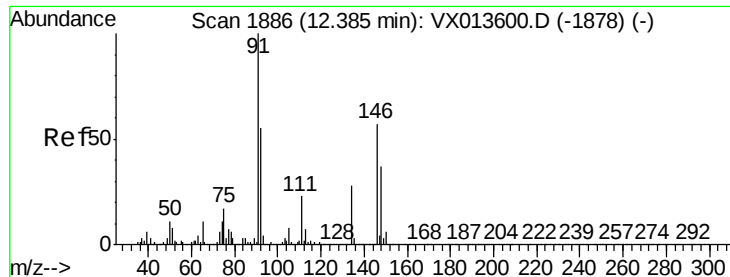
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#88
 1,4-Dichlorobenzene
 Concen: 47.472 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.2	31.9	95.5





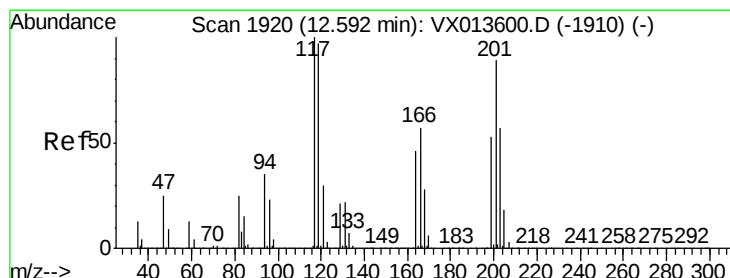
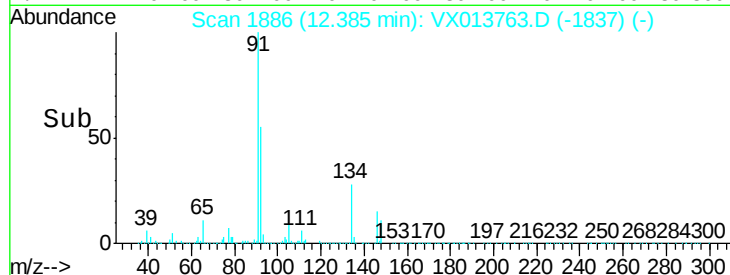
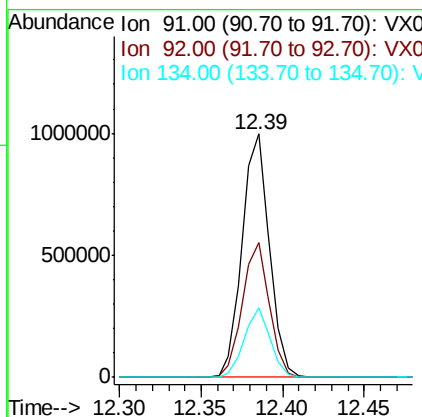
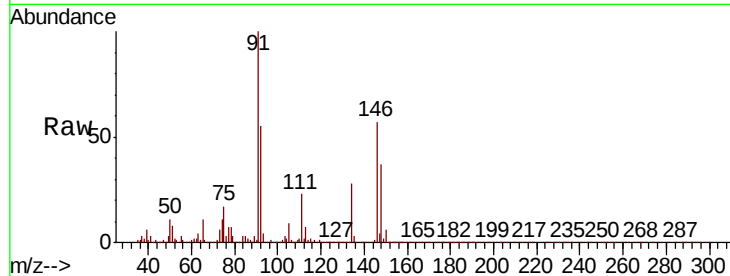
#89
n-Butylbenzene
Concen: 49.418 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	27.5	13.5	40.4

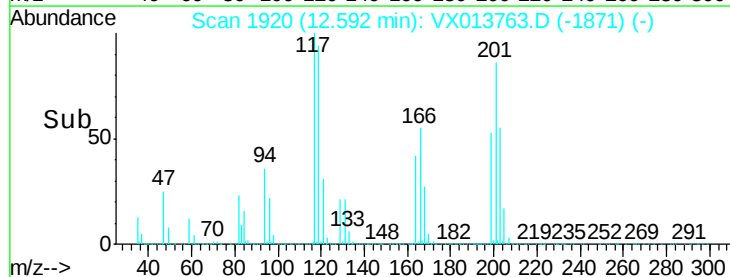
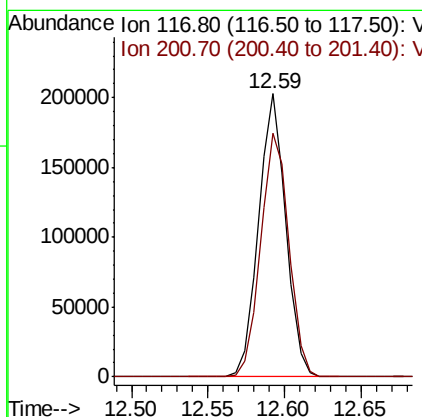
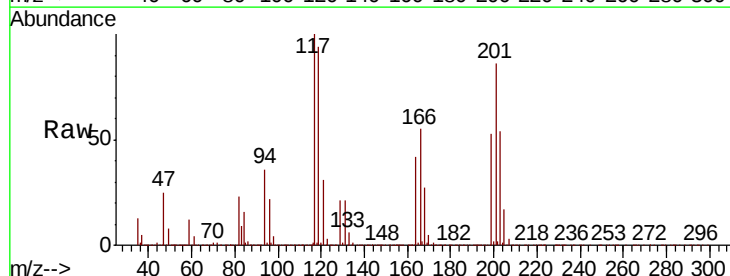
Manual Integrations
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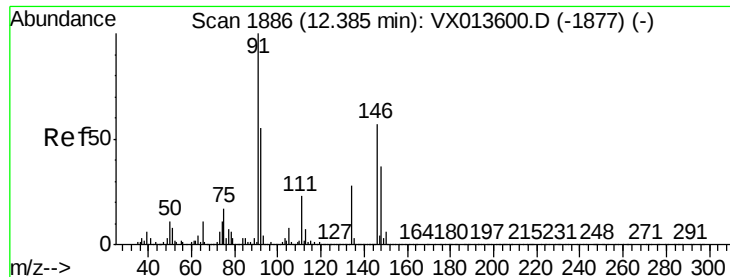
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#90
Hexachloroethane
Concen: 50.371 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	44.1	132.4





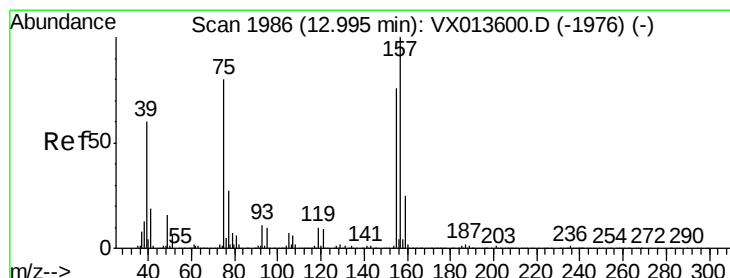
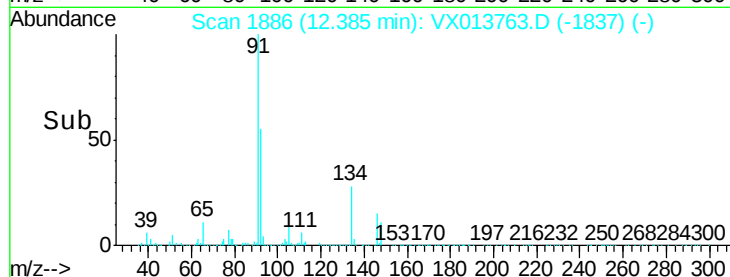
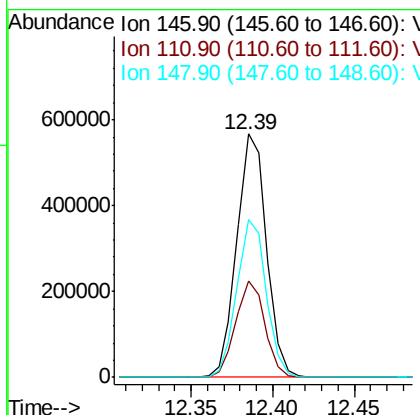
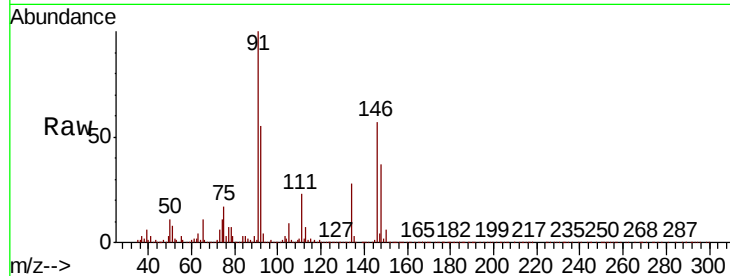
#91
 1,2-Dichlorobenzene
 Concen: 49.531 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.0	31.9	95.7

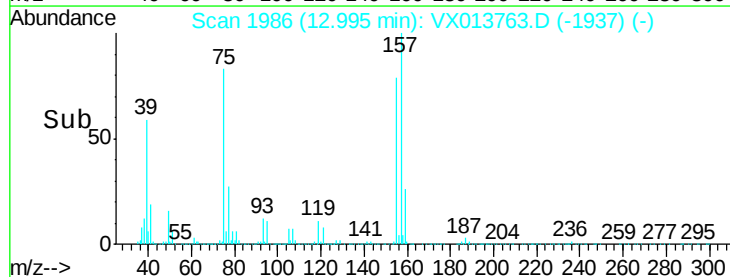
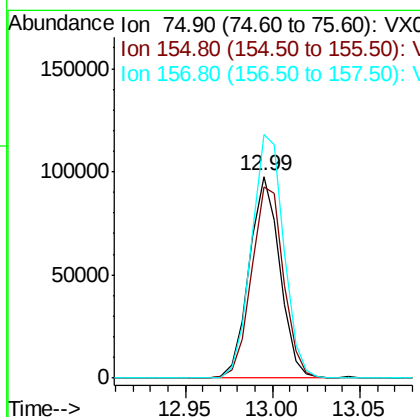
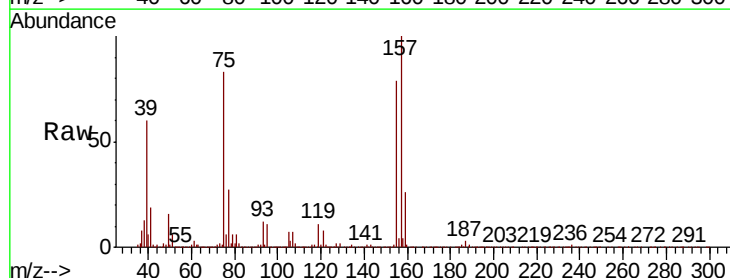
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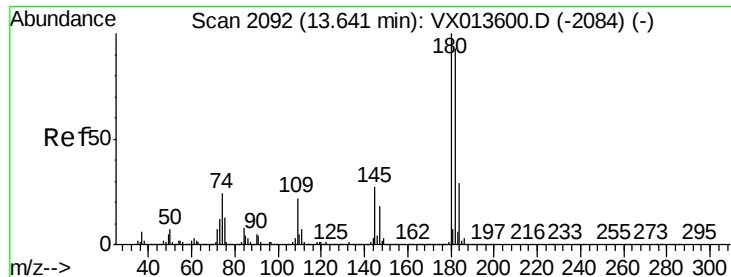
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.025 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013763.D
 Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	47.6	142.8
157	128.3	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 49.223 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Instrument :

MSVOA_X

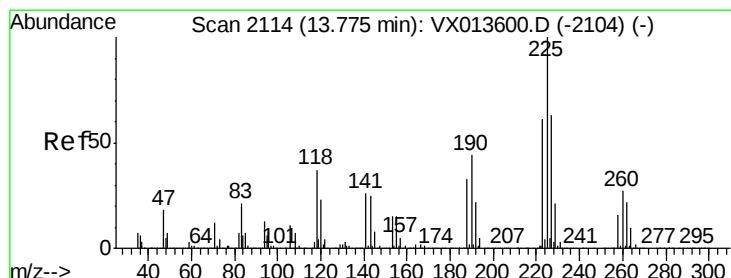
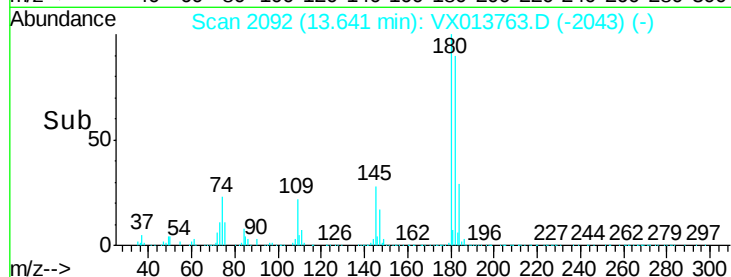
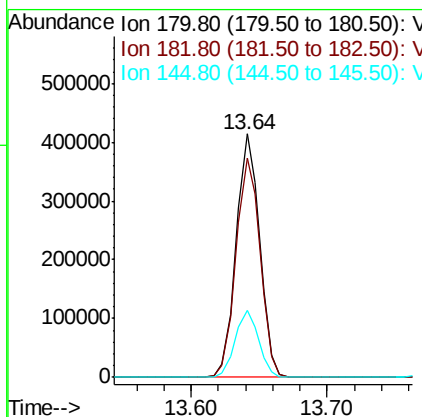
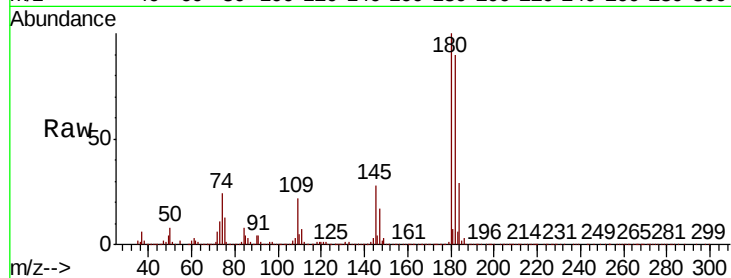
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	498174
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.2	141.6
145	27.5	13.8	41.4

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#94

Hexachlorobutadiene

Concen: 46.365 ug/l

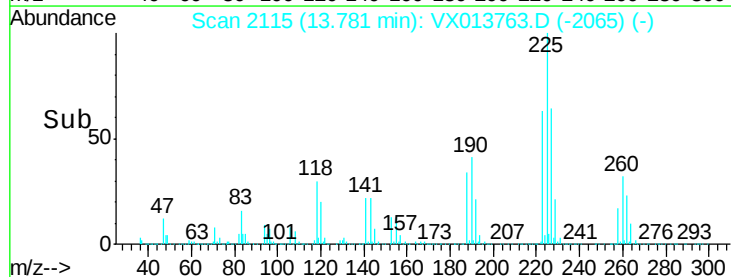
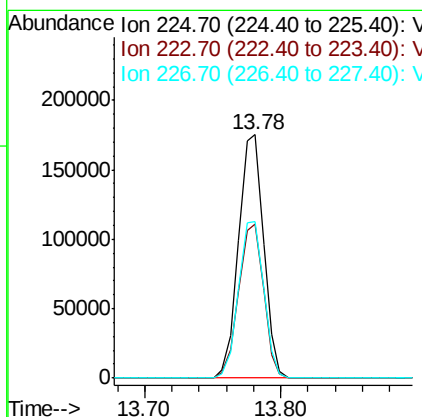
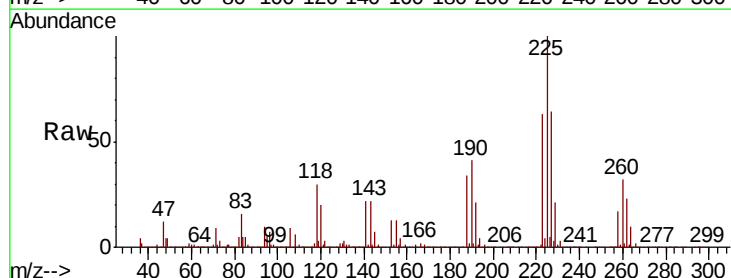
RT: 13.78 min Scan# 2115

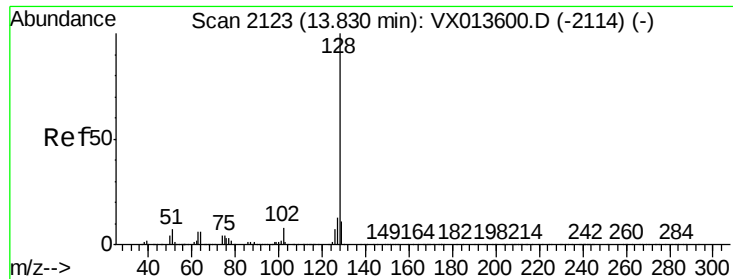
Delta R.T. 0.01 min

Lab File: VX013763.D

Acq: 04 Dec 2019 20:33

Tgt Ion:	225	Resp:	225415
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.9	95.5
227	64.7	32.1	96.3





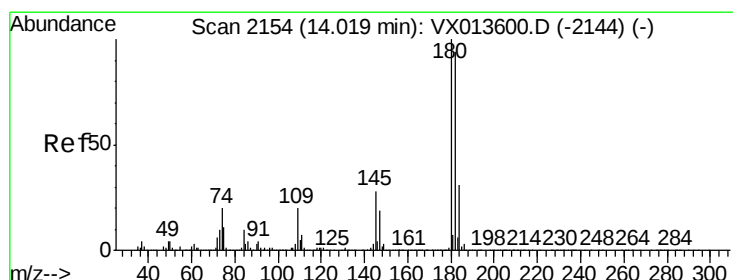
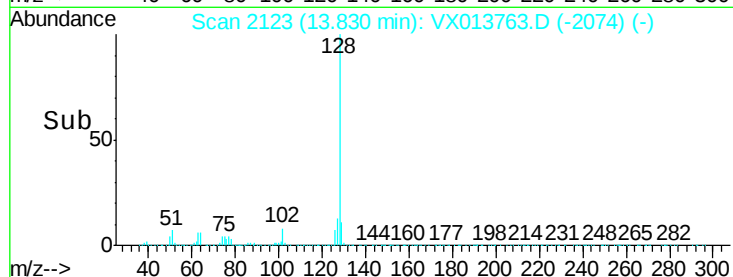
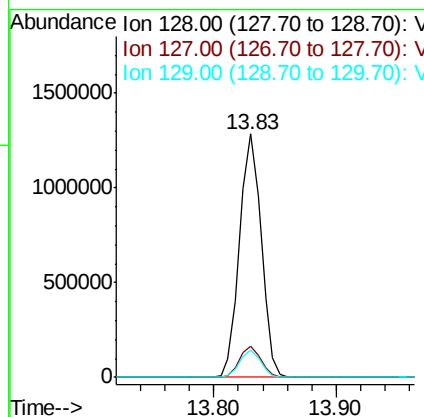
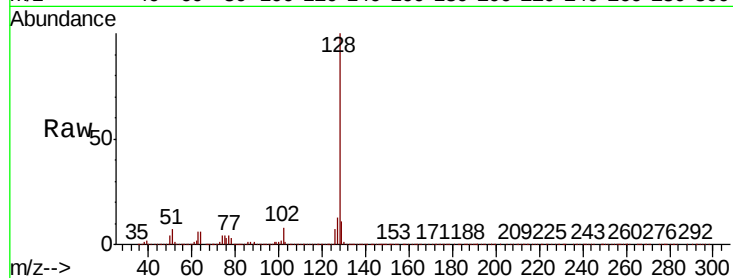
#95
Naphthalene
Concen: 52.160 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
12/5/2019 11:25:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.149 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX013763.D
Acq: 04 Dec 2019 20:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	29.7	15.0	45.0

