

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112519\
 Data File : VX013594.D
 Acq On : 25 Nov 2019 20:39
 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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 11/27/2019 12:30:09 PM

Quant Time: Nov 26 04:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	633545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	984933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	891298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	457245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	378090	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	5.48	113	315535	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	8.71	98	1165227	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	423658	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	275552	37.748	ug/l	99
3) Chloromethane	1.32	50	317654	40.128	ug/l	97
4) Vinyl Chloride	1.40	62	386343	42.869	ug/l	100
5) Bromomethane	1.63	94	230669	36.729	ug/l	99
6) Chloroethane	1.71	64	226298	43.779	ug/l	98
7) Trichlorofluoromethane	1.92	101	443867	41.688	ug/l	100
8) Diethyl Ether	2.18	74	216652	46.014	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	276470	46.587	ug/l	98
10) Methyl Iodide	2.50	142	353426	48.103	ug/l	97
11) Tert butyl alcohol	3.03	59	407109	205.791	ug/l	99
12) 1,1-Dichloroethene	2.36	96	272338	46.863	ug/l	98
13) Acrolein	2.28	56	318572	297.130	ug/l	97
14) Allyl chloride	2.72	41	518694	49.123	ug/l	95
15) Acrylonitrile	3.13	53	948737	256.741	ug/l	98
16) Acetone	2.43	43	1002227	267.710	ug/l	100
17) Carbon Disulfide	2.56	76	604959	38.893	ug/l	100
18) Methyl Acetate	2.76	43	553762	53.578	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1028409	53.058	ug/l	99
20) Methylene Chloride	2.85	84	328235	47.454	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	293646	46.408	ug/l	97
22) Diisopropyl ether	3.84	45	1081797	53.067	ug/l	97
23) Vinyl Acetate	3.80	43	3674152	210.628	ug/l	100
24) 1,1-Dichloroethane	3.69	63	569633	49.951	ug/l	100
25) 2-Butanone	4.66	43	1400878	255.072	ug/l	98
26) 2,2-Dichloropropane	4.58	77	436684	48.135	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	368923	52.048	ug/l	97
28) Bromochloromethane	5.00	49	182894	56.485	ug/l	98
29) Tetrahydrofuran	5.11	42	840000	248.194	ug/l	99
30) Chloroform	5.20	83	571359	50.740	ug/l	99
31) Cyclohexane	5.57	56	455558	44.395	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	476147	49.134	ug/l	100
36) 1,1-Dichloropropene	5.79	75	401138	47.475	ug/l	98
37) Ethyl Acetate	4.82	43	505283	48.395	ug/l	100
38) Carbon Tetrachloride	5.78	117	398633	48.246	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	460554	43.744	ug/l	97
40) Benzene	6.14	78	1276015	48.481	ug/l	98
41) Methacrylonitrile	5.03	41	287871	49.191	ug/l	98
42) 1,2-Dichloroethane	6.18	62	450991	47.504	ug/l	97
43) Isopropyl Acetate	6.43	43	833540	51.269	ug/l	99
44) Trichloroethene	7.21	130	355745	49.102	ug/l	99
45) 1,2-Dichloropropane	7.51	63	341078	50.860	ug/l	99
46) Dibromomethane	7.65	93	221400	48.353	ug/l	98
47) Bromodichloromethane	7.89	83	447594	51.839	ug/l	96
48) Methyl methacrylate	7.76	41	405803	50.002	ug/l	96
49) 1,4-Dioxane	7.73	88	155245	835.288	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2657321	249.122	ug/l	99
52) Toluene	8.78	92	799463	49.008	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	496267	52.562	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	542555	51.371	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	350237	51.798	ug/l	98
56) Ethyl methacrylate	9.17	69	561102	48.652	ug/l	97
57) 1,3-Dichloropropane	9.37	76	581546	50.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1147167	248.132	ug/l	99
59) 2-Hexanone	9.49	43	2057328	249.585	ug/l	99
60) Dibromochloromethane	9.58	129	367431	53.134	ug/l	98
61) 1,2-Dibromoethane	9.67	107	356725	49.684	ug/l	100
64) Tetrachloroethene	9.33	164	465685	72.985	ug/l	97
65) Chlorobenzene	10.14	112	884682	49.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	341480	51.540	ug/l	99
67) Ethyl Benzene	10.25	91	1545199	49.616	ug/l	97
68) m/p-Xylenes	10.35	106	1171425	99.458	ug/l	100
69) o-Xylene	10.70	106	580406	50.334	ug/l	98
70) Styrene	10.71	104	1005327	52.155	ug/l	98
71) Bromoform	10.85	173	286408	46.838	ug/l	98
73) Isopropylbenzene	11.01	105	1529649	50.457	ug/l	99
74) N-amyl acetate	10.89	43	730298	51.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	536331	48.494	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	429291m	46.224	ug/l	
77) Bromobenzene	11.25	156	405734	50.203	ug/l	99
78) n-propylbenzene	11.35	91	1723966	51.050	ug/l	99
79) 2-Chlorotoluene	11.42	91	1034180	50.828	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1279844	50.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	179715	49.808	ug/l	97
82) 4-Chlorotoluene	11.51	91	1190974	50.004	ug/l	99
83) tert-Butylbenzene	11.76	119	1140059	44.850	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1295704	51.151	ug/l	98
85) sec-Butylbenzene	11.94	105	1498269	51.285	ug/l	99
86) p-Isopropyltoluene	12.06	119	1370486	50.945	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	721951	50.114	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	710895	48.434	ug/l	99
89) n-Butylbenzene	12.38	91	1191648	50.766	ug/l	99
90) Hexachloroethane	12.59	117	245716	51.265	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	731840	50.821	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119265	44.262	ug/l	98

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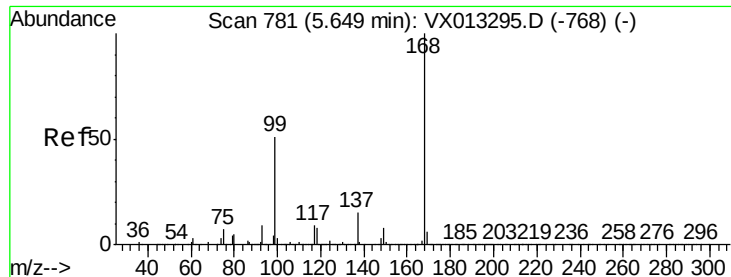
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	507520	50.526	ug/l	100
94) Hexachlorobutadiene	13.78	225	223441	45.468	ug/l	99
95) Naphthalene	13.83	128	1618114	51.343	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	519690	51.589	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 633545

Ion Ratio Lower Upper

168 100

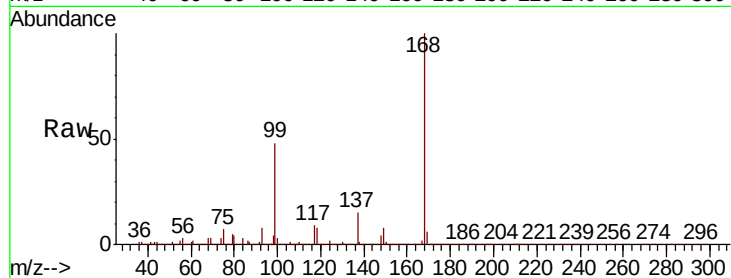
99 48.2 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

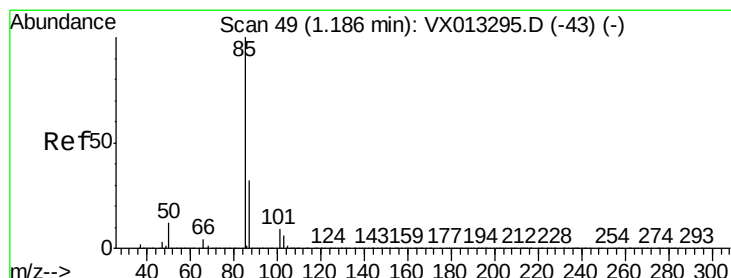
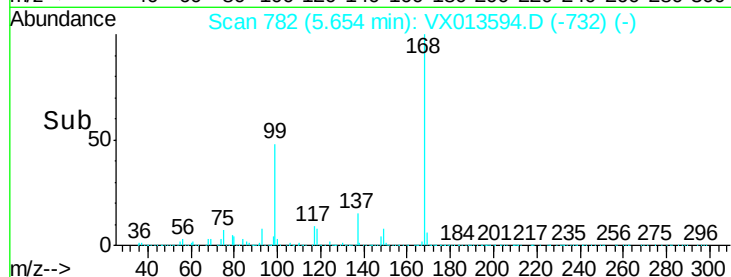
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 37.748 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013594.D

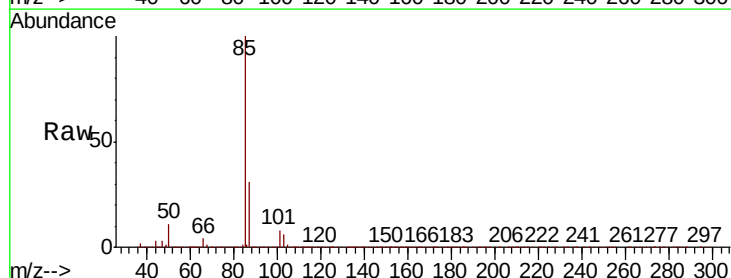
Acq: 25 Nov 2019 20:39

Tgt Ion: 85 Resp: 275552

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

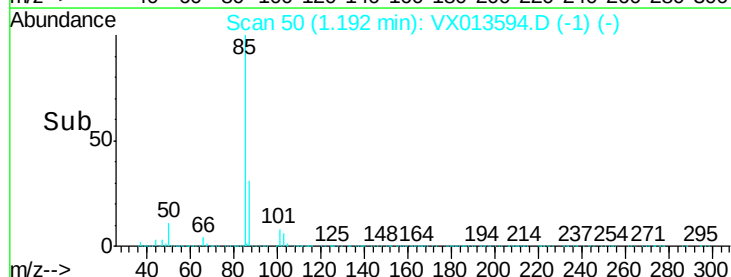
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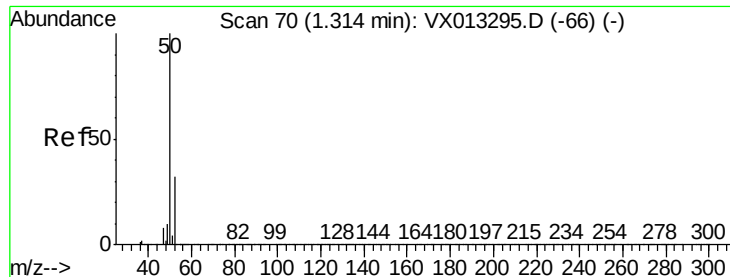
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1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.128 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 317654

Ion Ratio Lower Upper

50 100

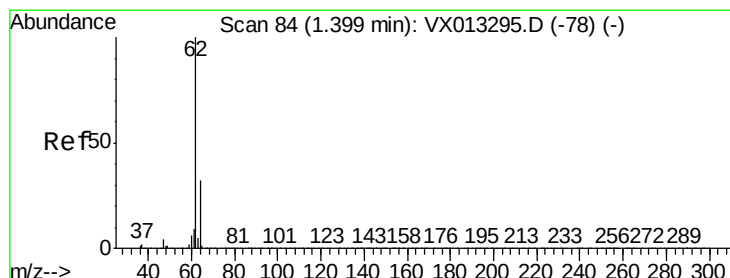
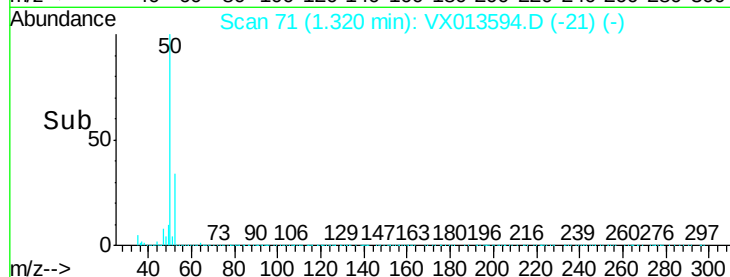
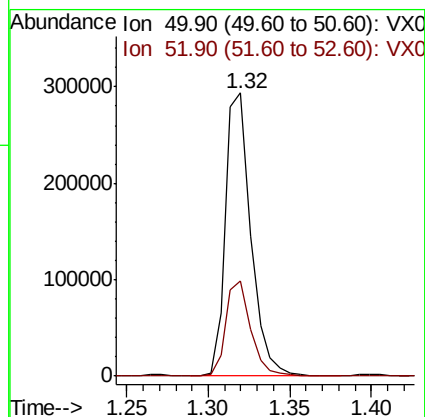
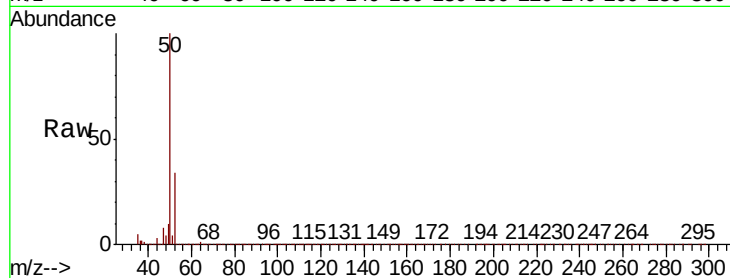
52 33.5 25.5 38.3

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#4

Vinyl Chloride

Concen: 42.869 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013594.D

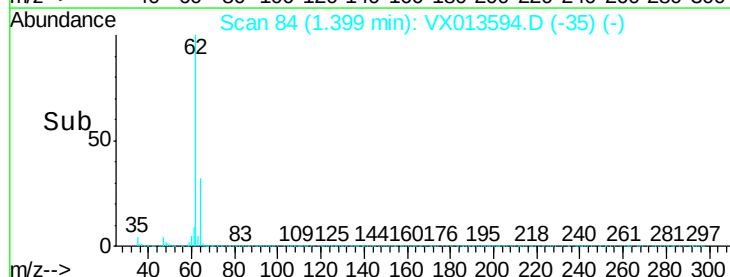
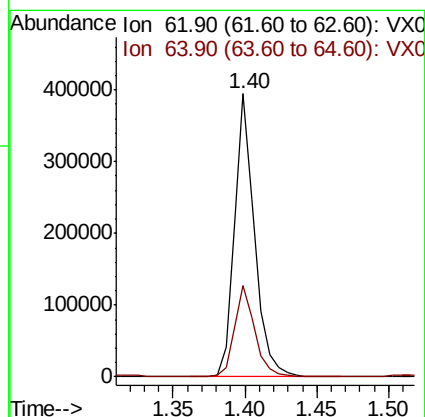
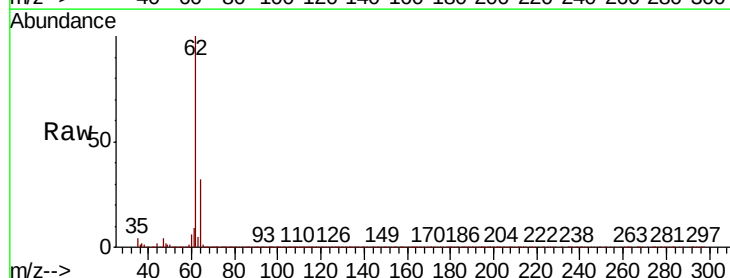
Acq: 25 Nov 2019 20:39

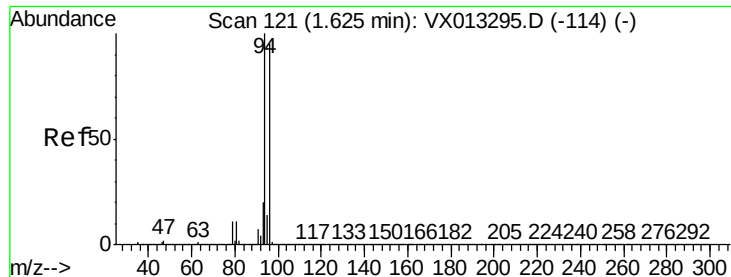
Tgt Ion: 62 Resp: 386343

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 36.729 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 230669

Ion Ratio Lower Upper

94 100

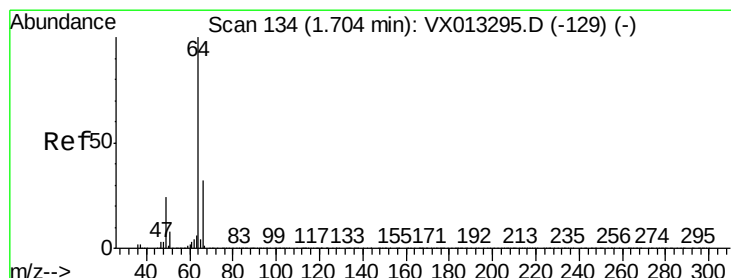
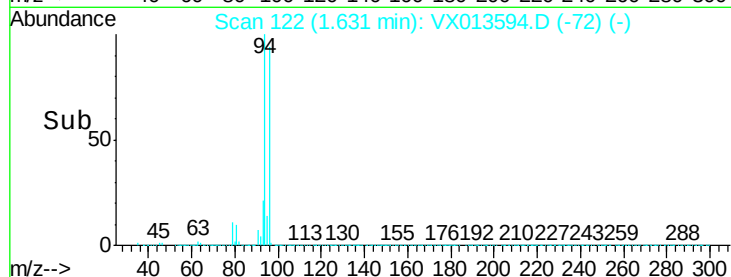
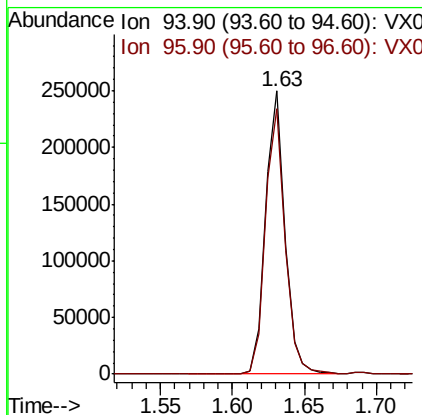
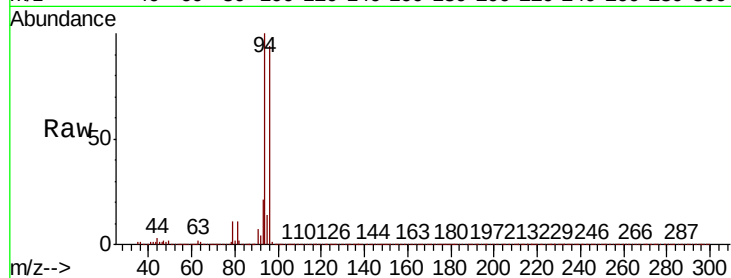
96 93.7 75.8 113.8

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#6

Chloroethane

Concen: 43.779 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013594.D

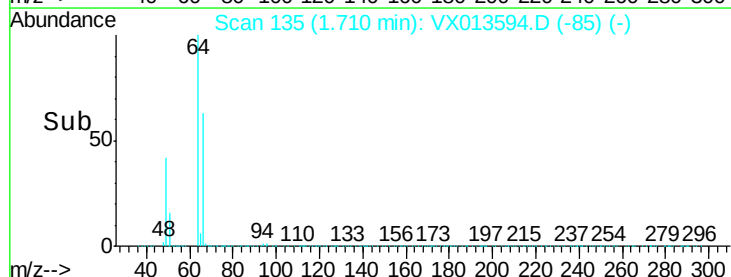
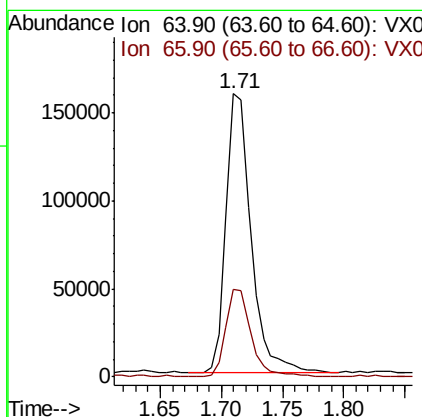
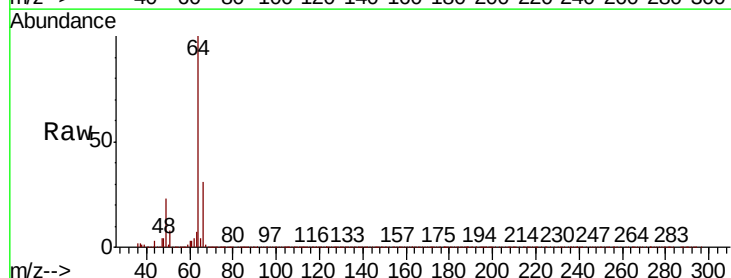
Acq: 25 Nov 2019 20:39

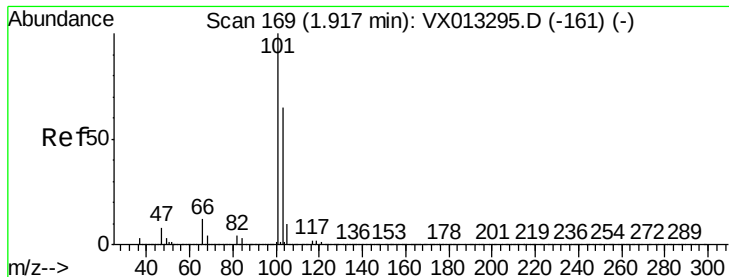
Tgt Ion: 64 Resp: 226298

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4





#7

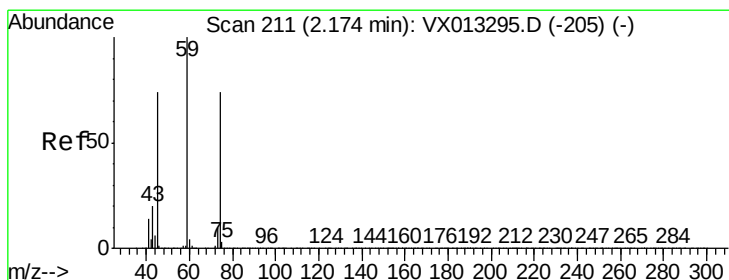
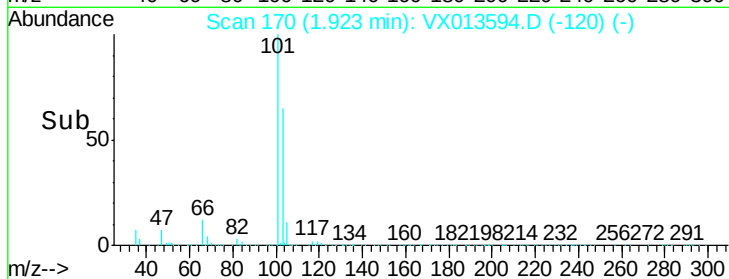
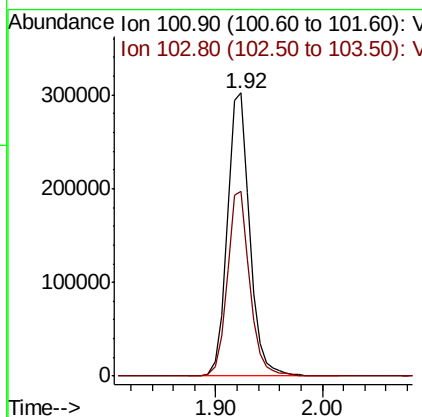
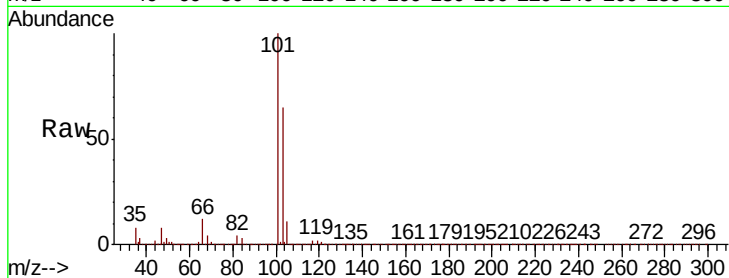
Trichlorofluoromethane
Concen: 41.688 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

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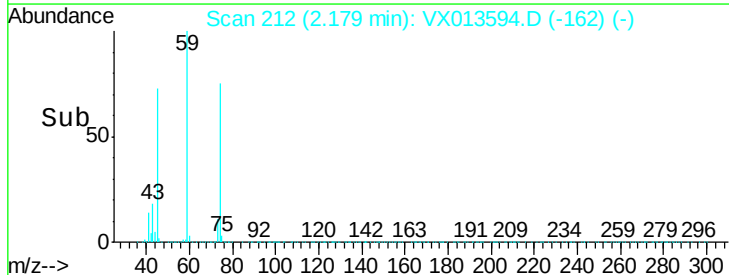
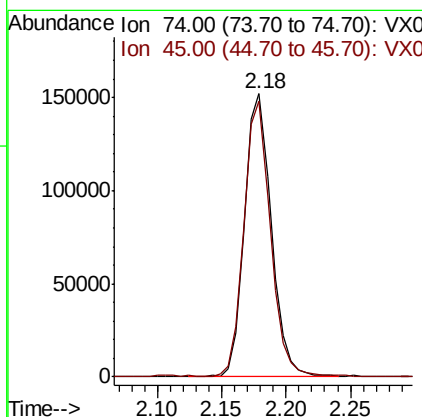
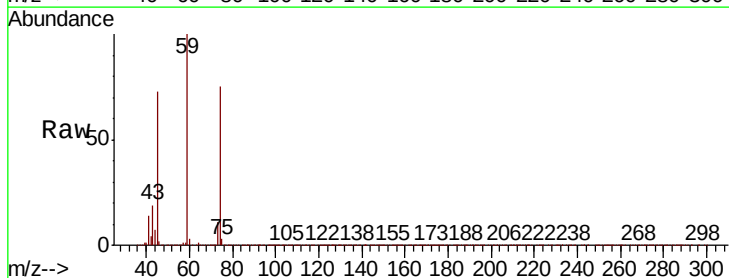
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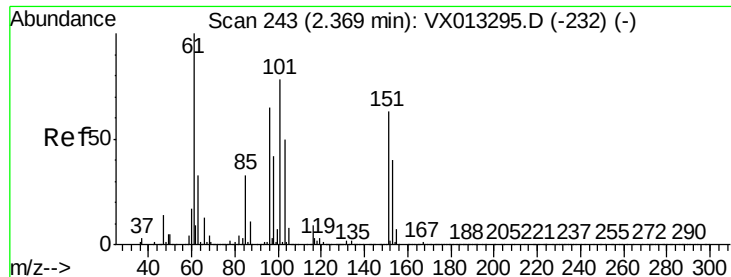


#8

Diethyl Ether
Concen: 46.014 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.587 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

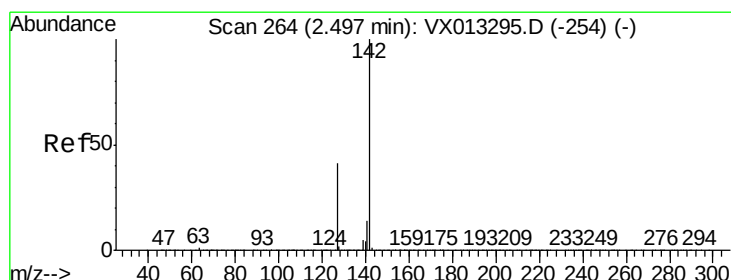
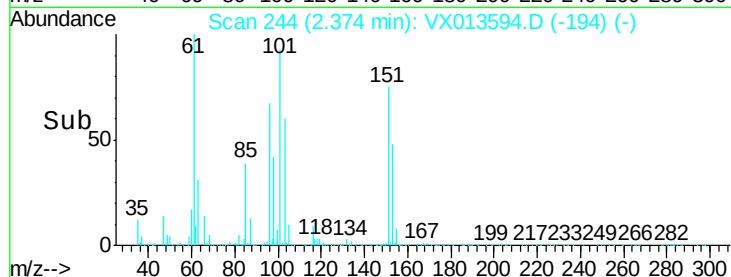
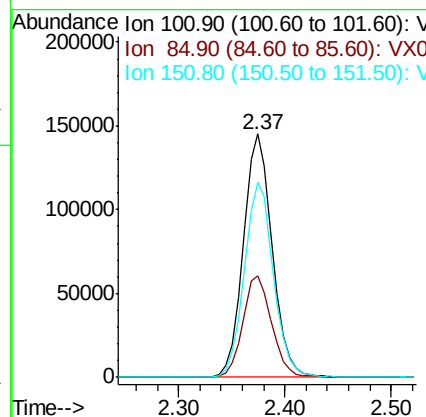
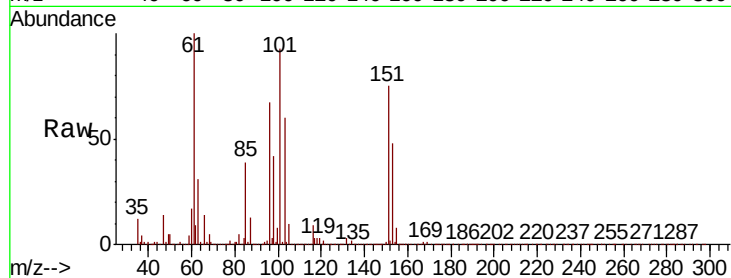
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	276470
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.4	51.6
151	81.1	66.4	99.6

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#10

Methyl Iodide

Concen: 48.103 ug/l

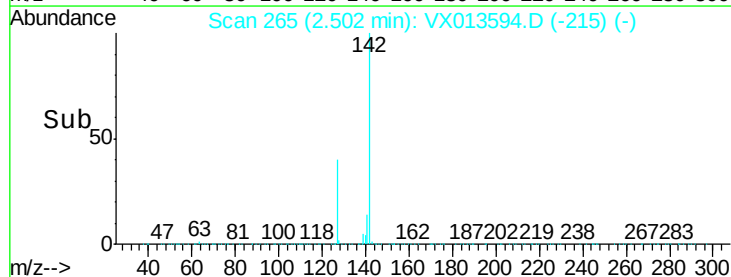
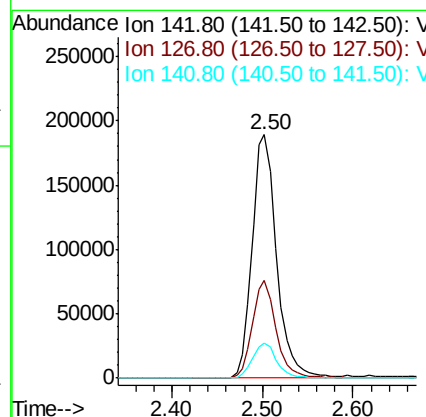
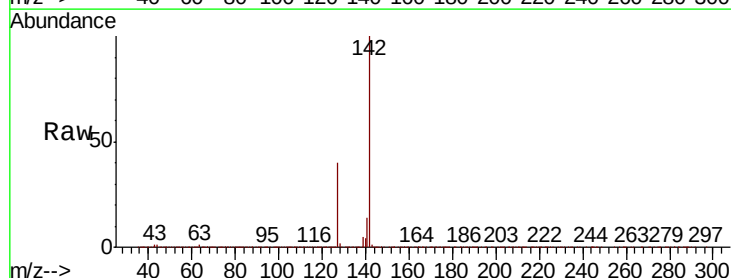
RT: 2.50 min Scan# 265

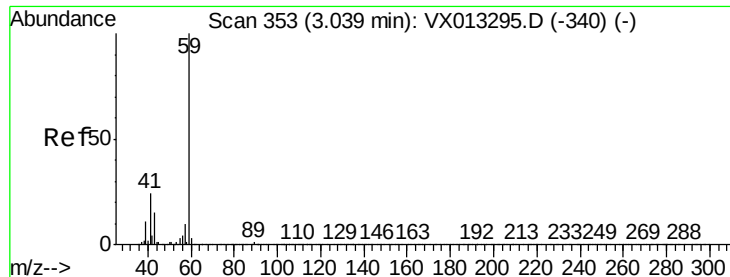
Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	142	Resp:	353426
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.6	49.0
141	14.2	11.6	17.4





#11

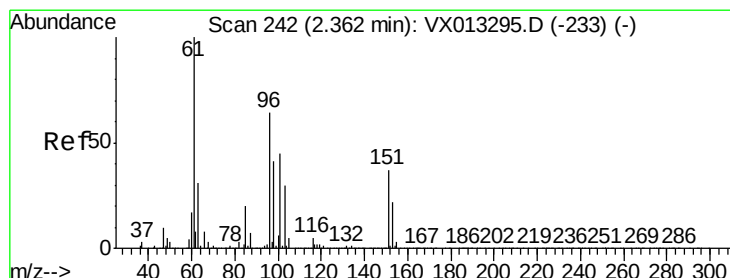
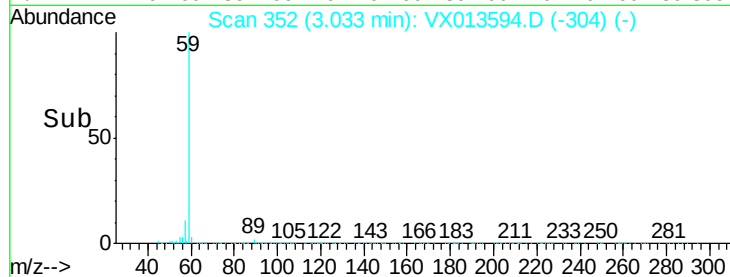
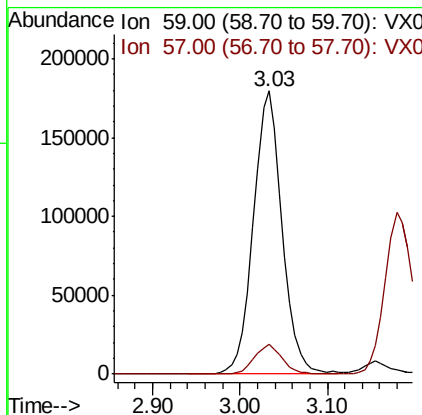
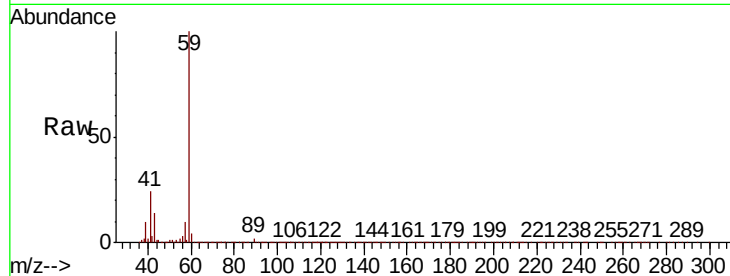
Tert butyl alcohol
Concen: 205.791 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.0	12.0

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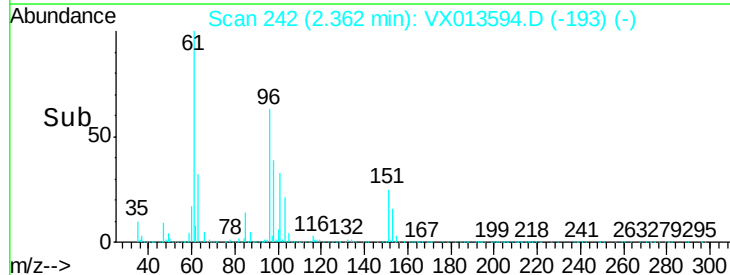
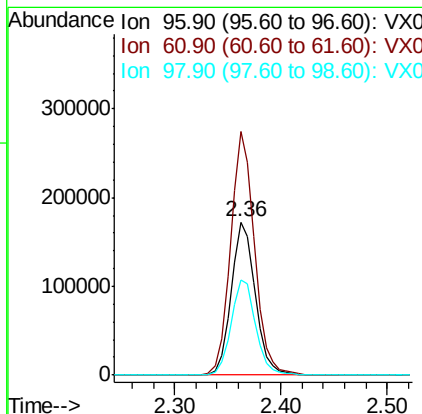
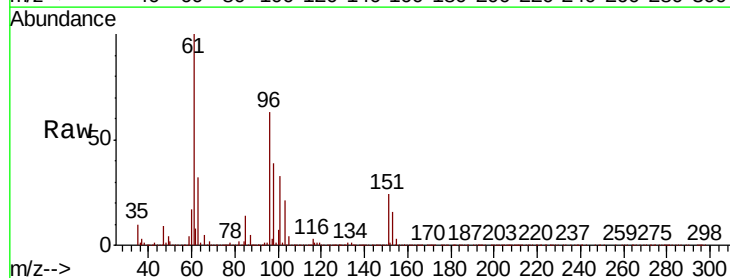
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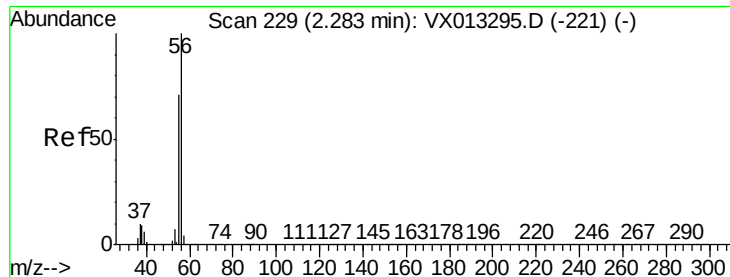


#12

1,1-Dichloroethene
Concen: 46.863 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	125.0	187.6
98	62.1	50.7	76.1





#13

Acrolein

Concen: 297.130 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 318572

Ion Ratio Lower Upper

56 100

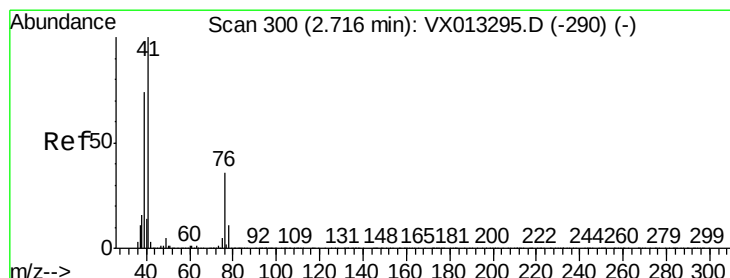
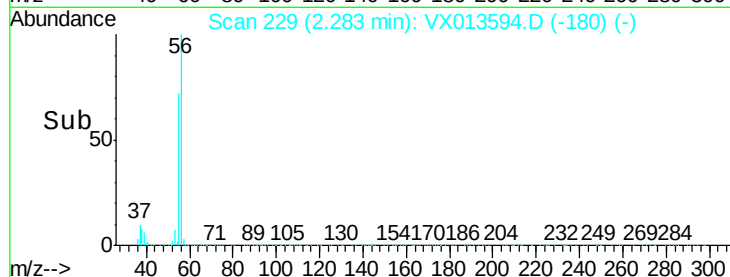
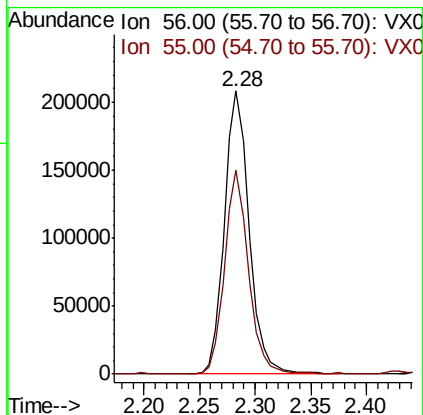
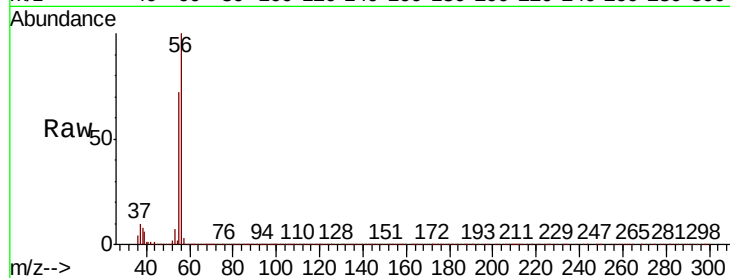
55 69.4 57.4 86.0

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#14

Allyl chloride

Concen: 49.123 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

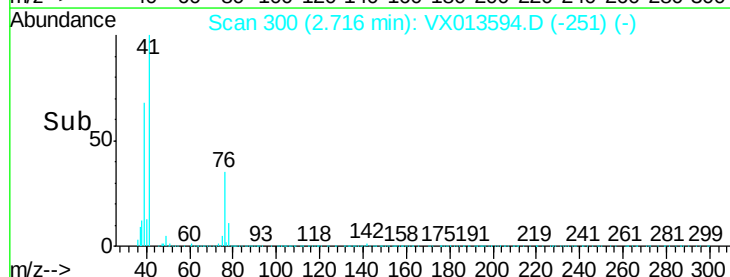
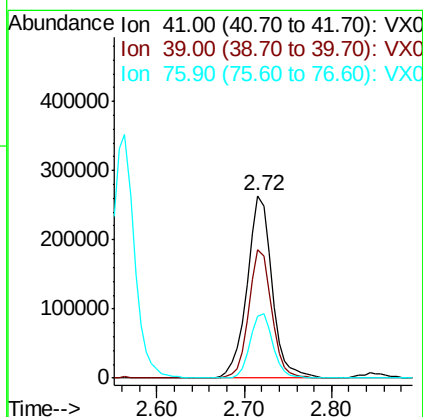
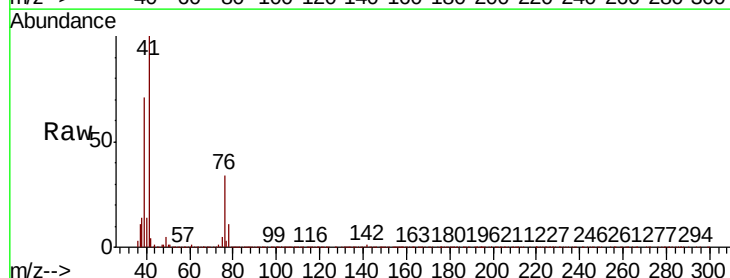
Tgt Ion: 41 Resp: 518694

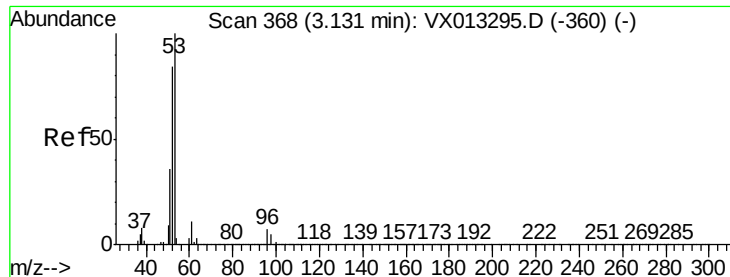
Ion Ratio Lower Upper

41 100

39 64.4 55.8 83.8

76 32.1 26.4 39.6





#15

Acrylonitrile

Concen: 256.741 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

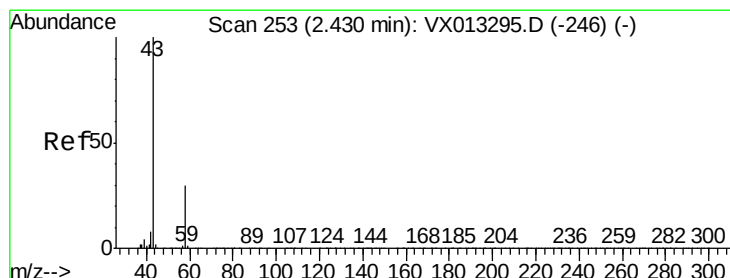
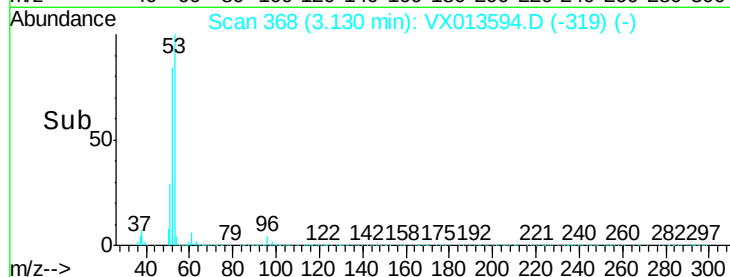
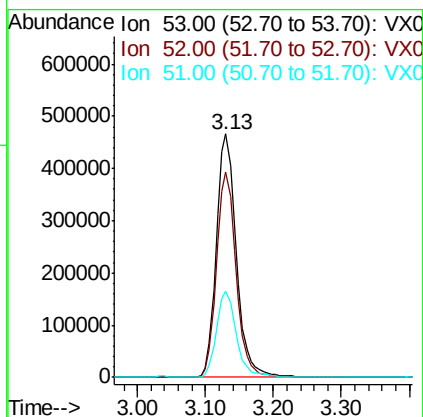
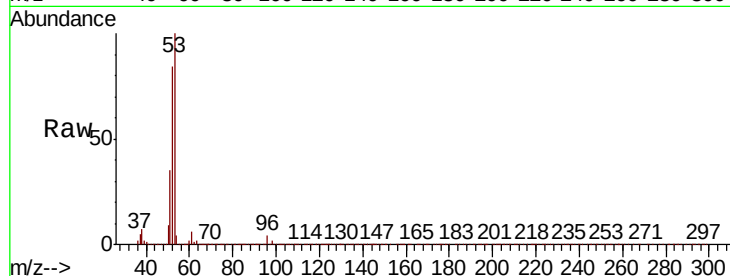
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	948737
Ion Ratio		Lower	Upper
53	100		
52	82.6	67.4	101.0
51	35.3	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 267.710 ug/l

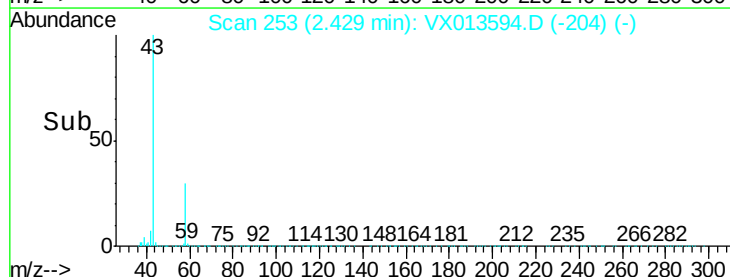
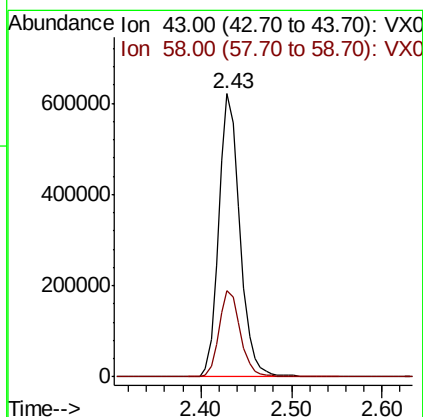
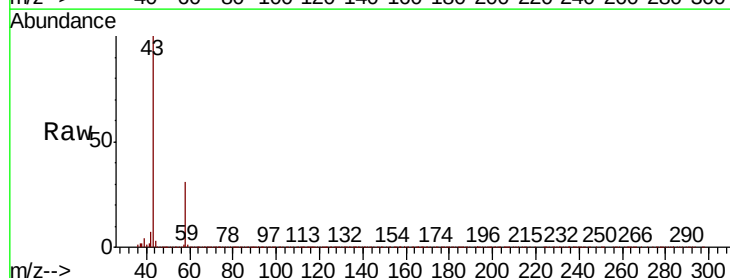
RT: 2.43 min Scan# 253

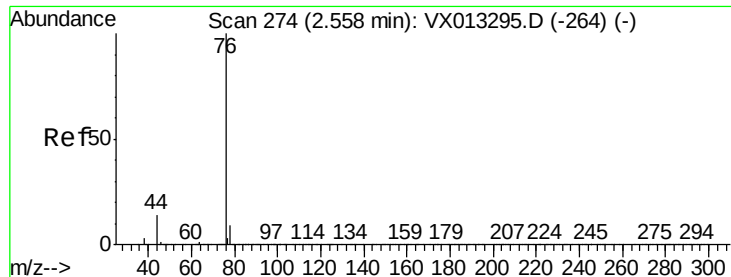
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	43	Resp:	1002227
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.3	36.5





#17

Carbon Disulfide

Concen: 38.893 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 604959

Ion Ratio Lower Upper

76 100

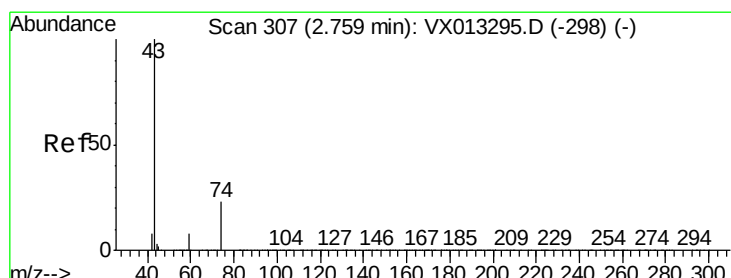
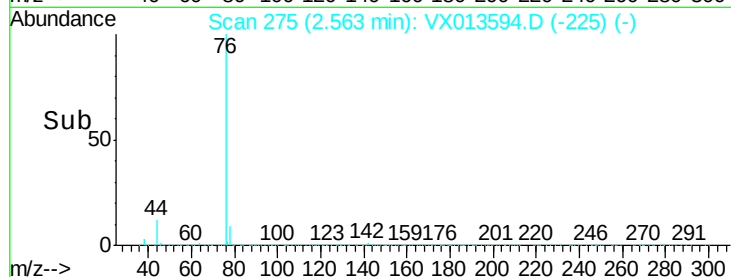
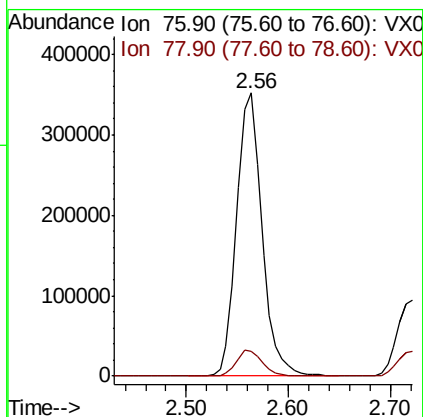
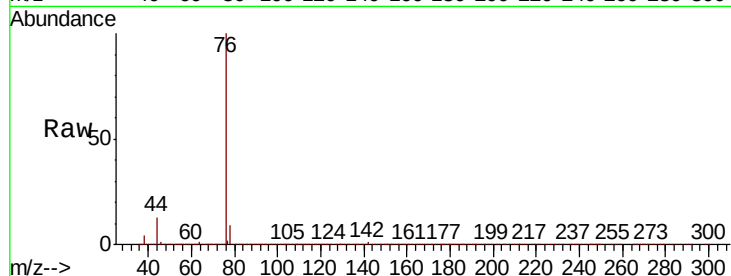
78 8.8 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 53.578 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013594.D

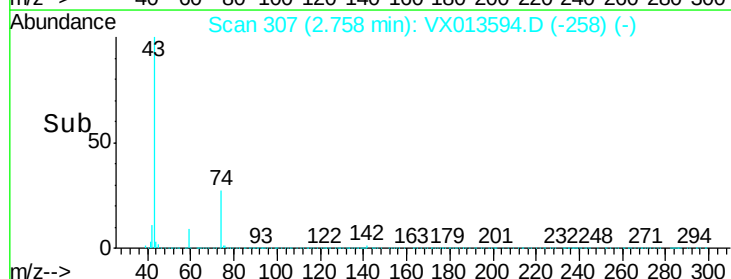
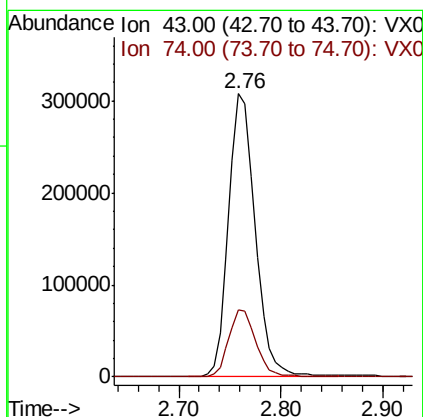
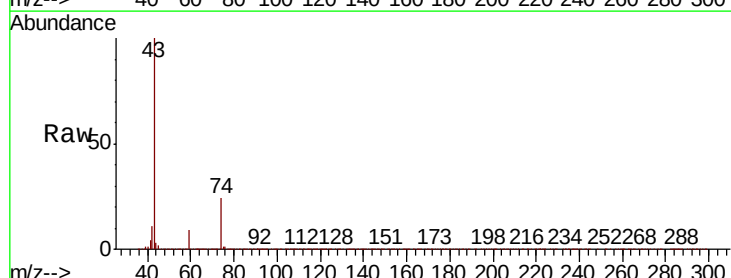
Acq: 25 Nov 2019 20:39

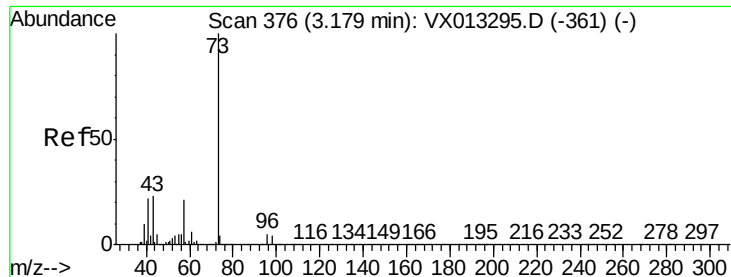
Tgt Ion: 43 Resp: 553762

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6





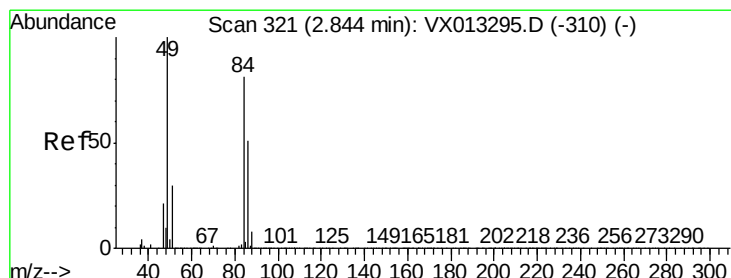
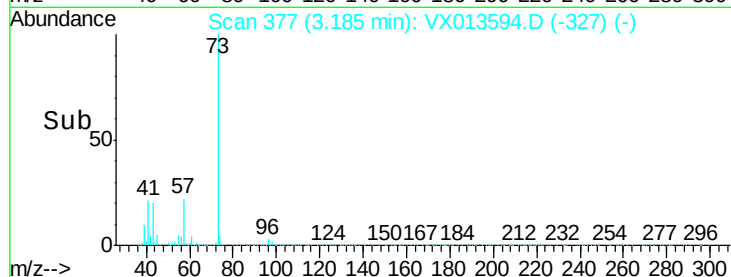
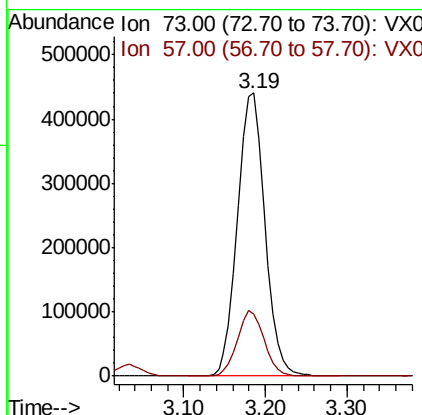
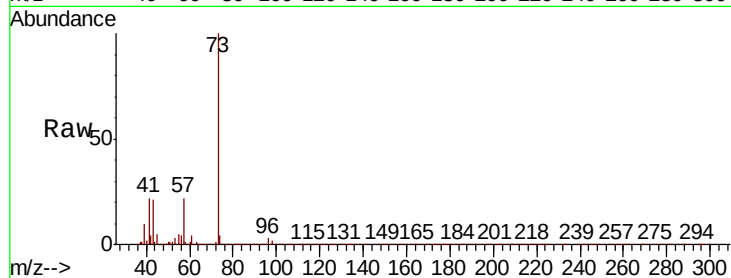
#19
Methyl tert-butyl Ether
Concen: 53.058 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1028409
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7

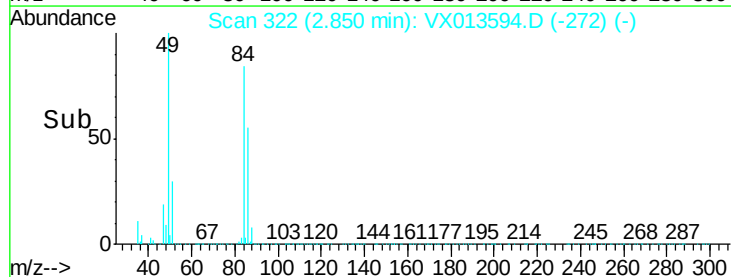
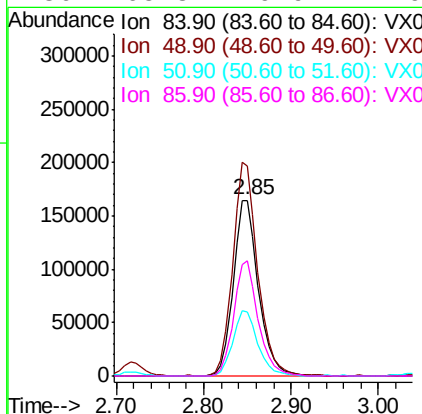
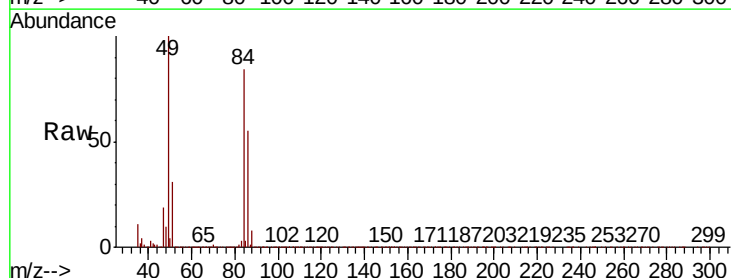
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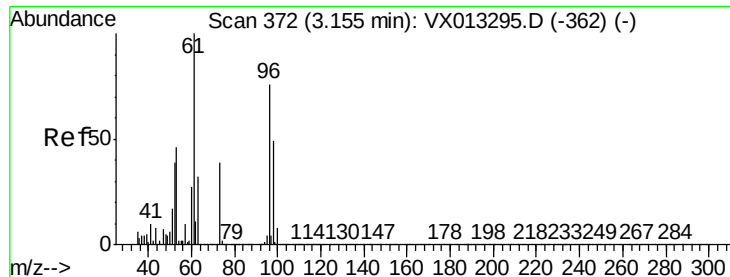
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#20
Methylene Chloride
Concen: 47.454 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion: 84 Resp: 328235
Ion Ratio Lower Upper
84 100
49 119.6 98.2 147.4
51 36.3 29.9 44.9
86 65.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.408 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

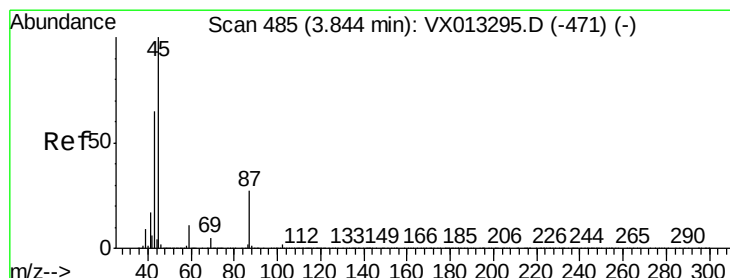
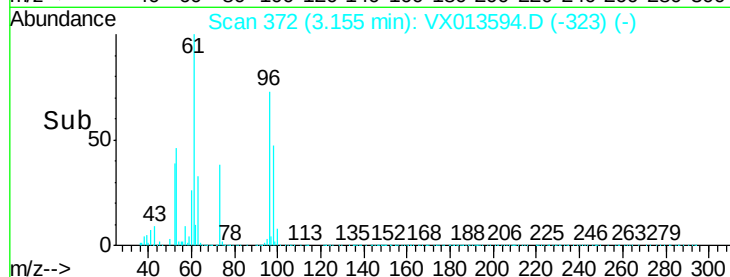
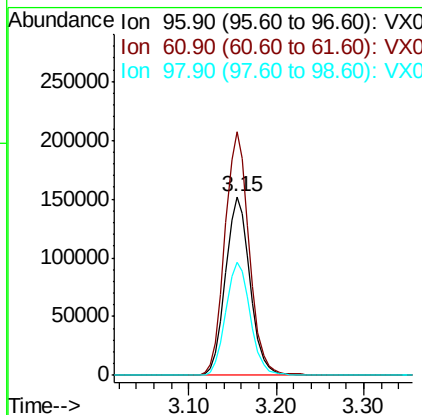
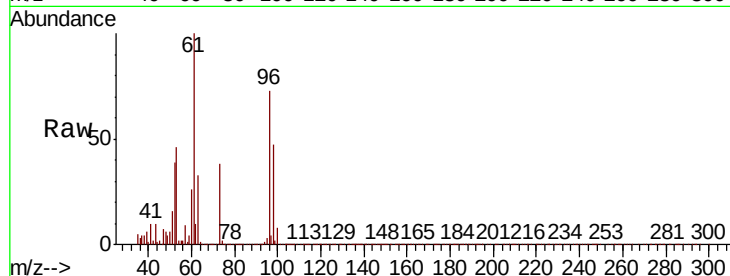
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	293646
Ion	Ratio	Lower	Upper
96	100		
61	136.2	105.8	158.6
98	63.6	51.8	77.6

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#22

Diisopropyl ether

Concen: 53.067 ug/l

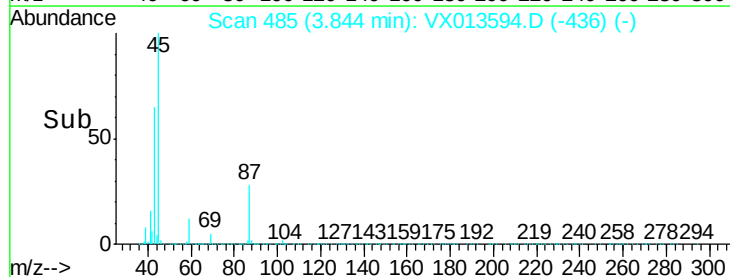
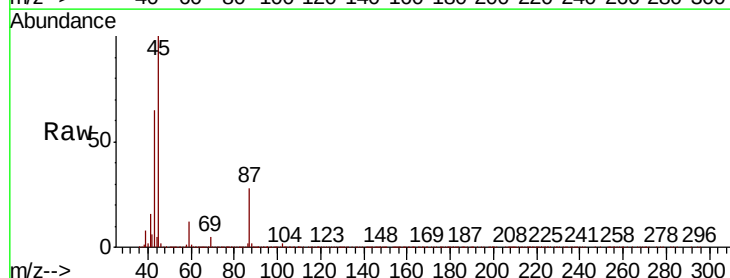
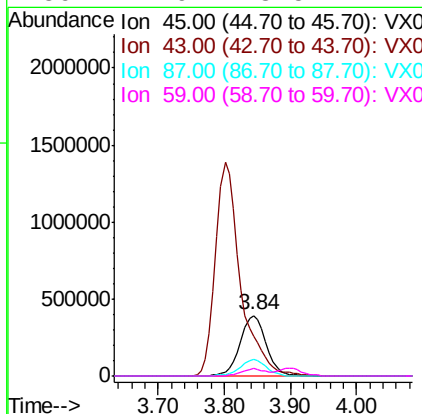
RT: 3.84 min Scan# 485

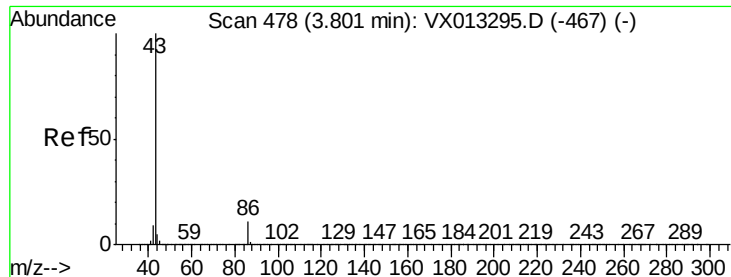
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	45	Resp:	1081797
Ion	Ratio	Lower	Upper
45	100		
43	64.6	54.2	81.2
87	28.0	21.8	32.8
59	11.9	8.5	12.7





#23

Vinyl Acetate

Concen: 210.628 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3674152

Ion Ratio Lower Upper

43 100

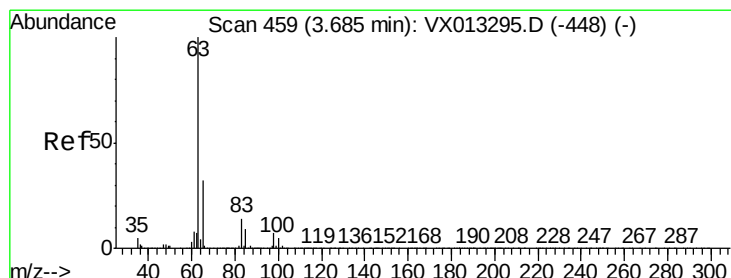
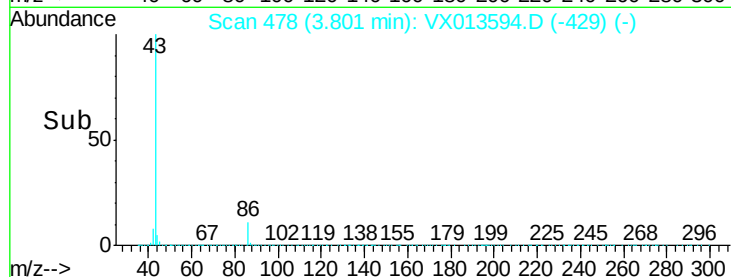
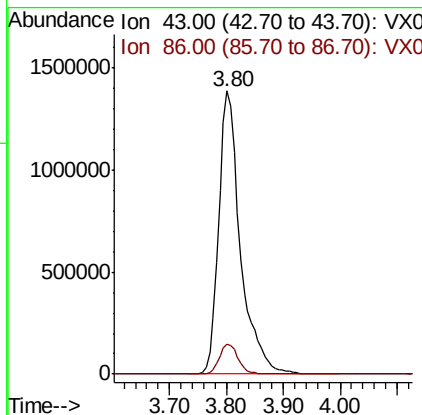
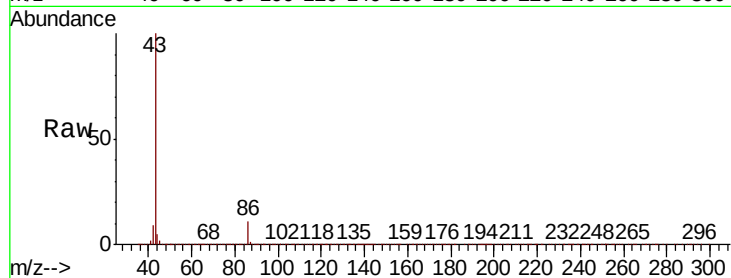
86 10.7 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 49.951 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

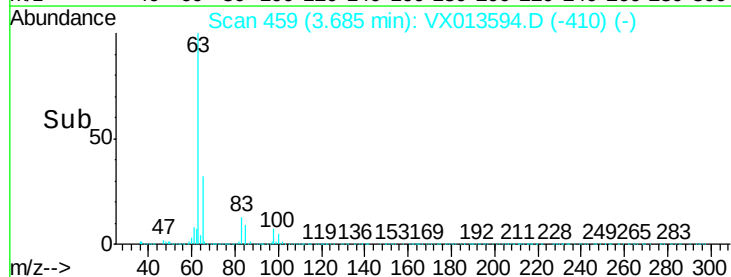
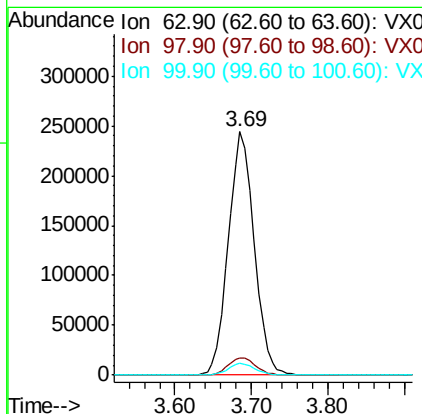
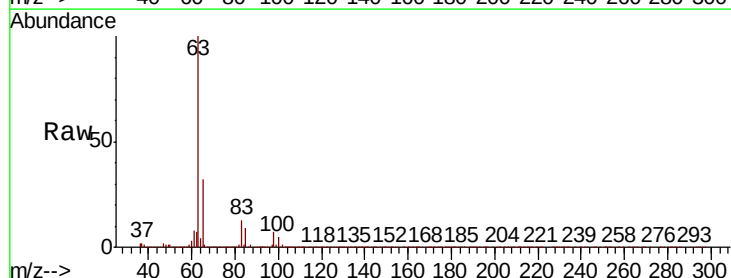
Tgt Ion: 63 Resp: 569633

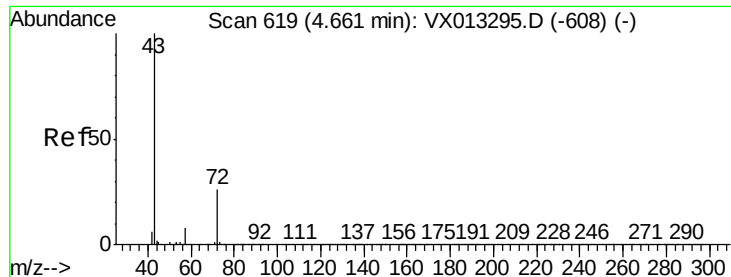
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 255.072 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tot Ion: 43 Resp: 1400878

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

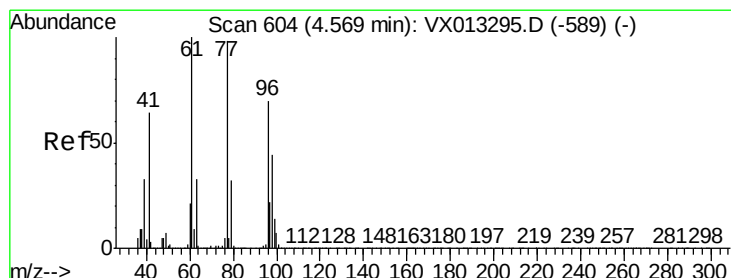
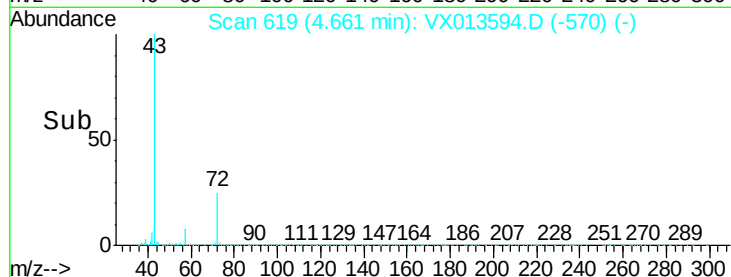
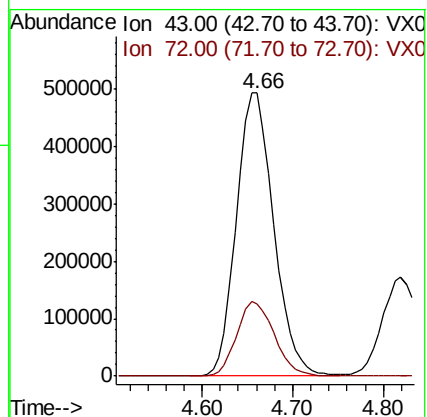
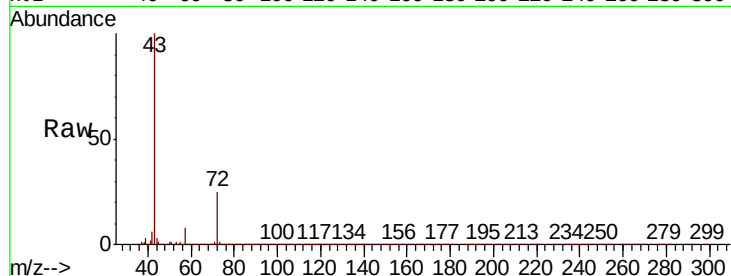
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 48.135 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013594.D

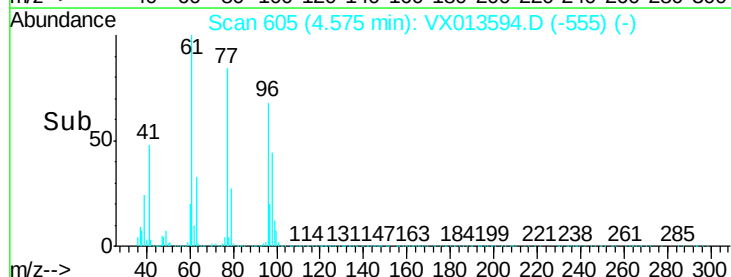
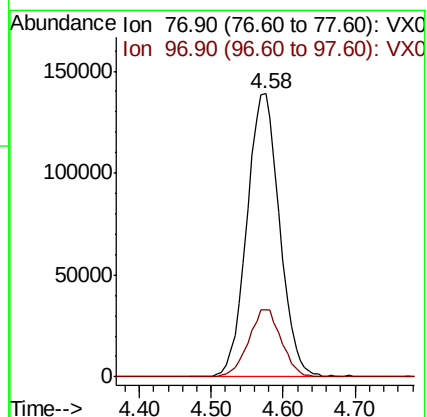
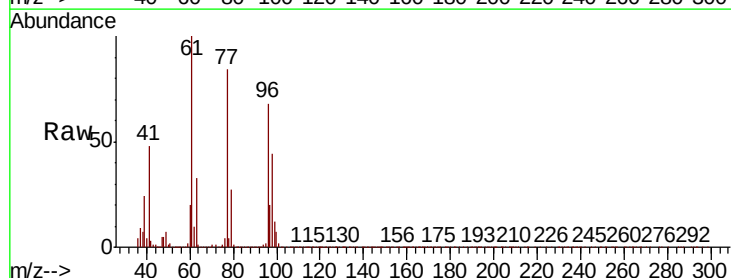
Acq: 25 Nov 2019 20:39

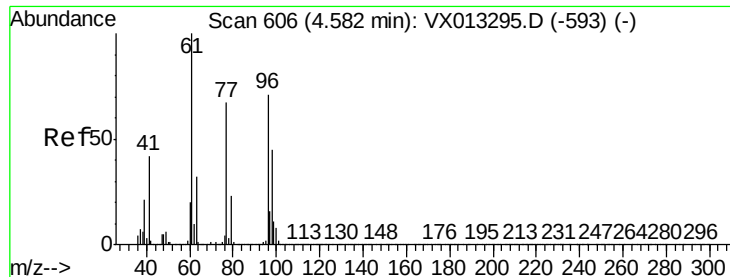
Tgt Ion: 77 Resp: 436684

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

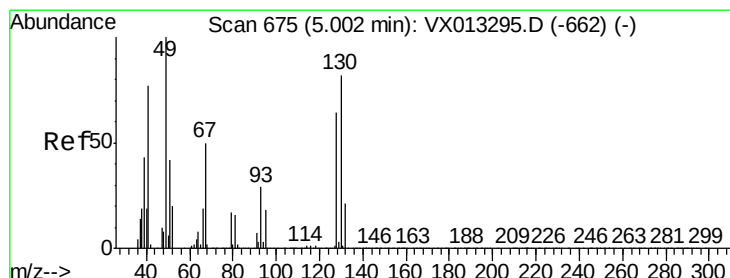
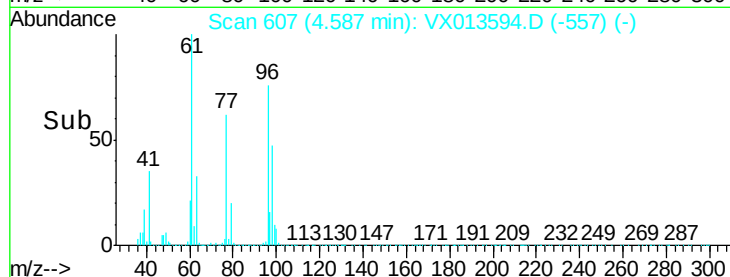
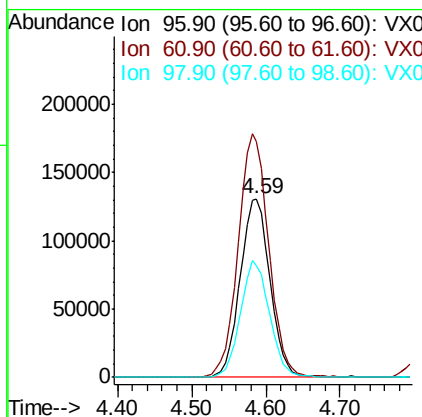
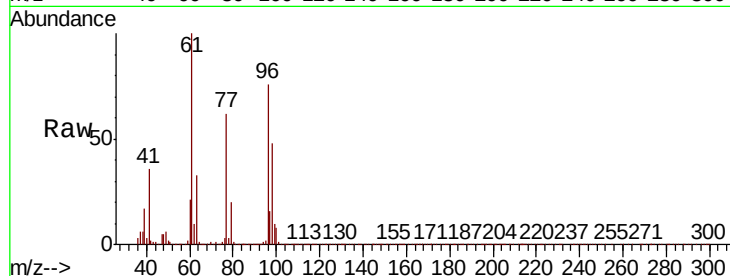
cis-1,2-Dichloroethene
Concen: 52.048 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.7	0.0	288.0	
98	63.6	0.0	129.6	

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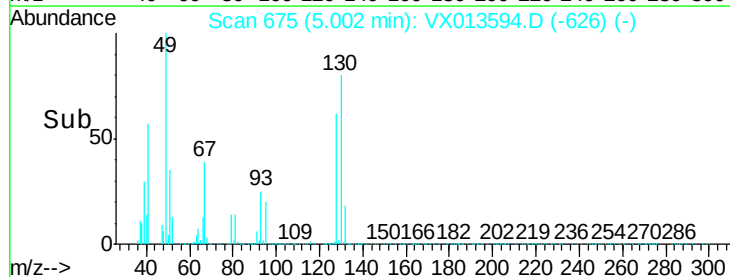
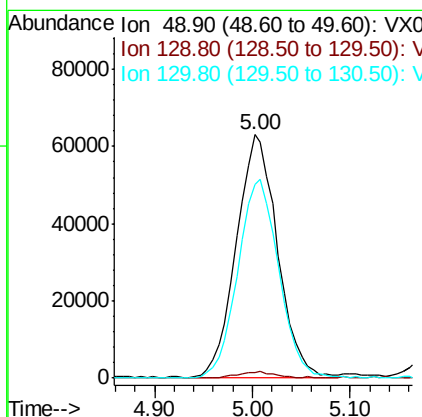
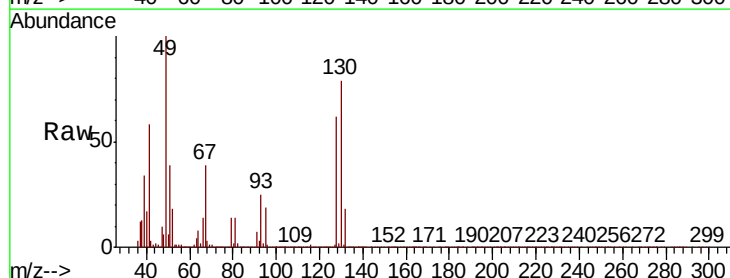
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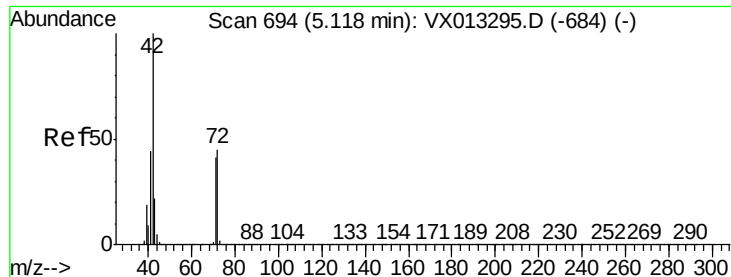


#28

Bromochloromethane
Concen: 56.485 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.2	
130	81.7	63.8	95.6	





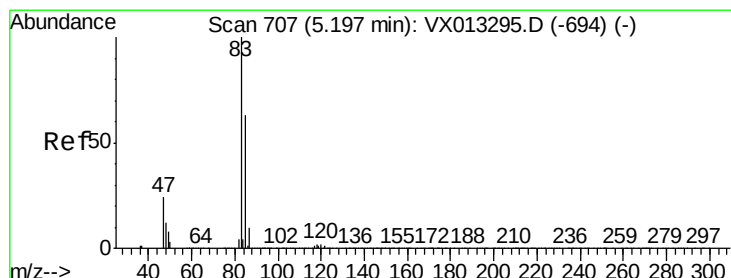
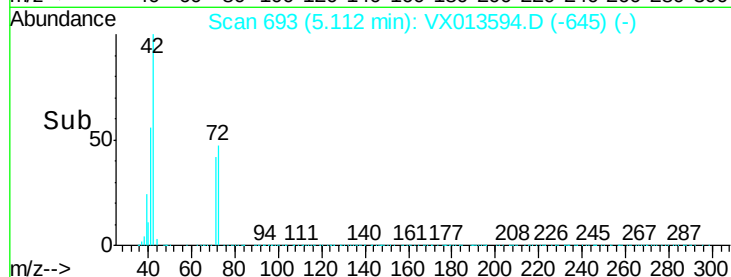
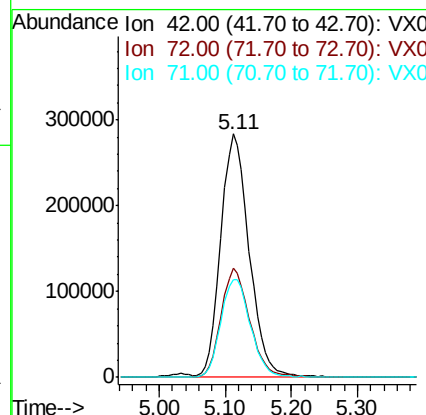
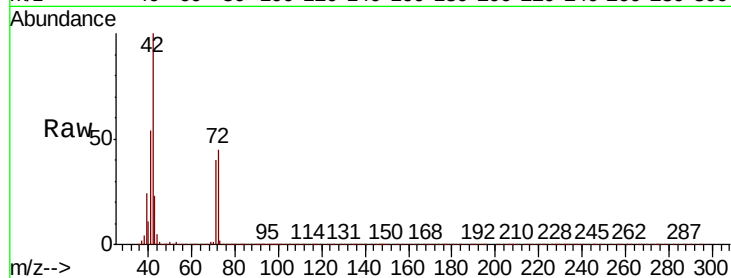
#29
Tetrahydrofuran
Concen: 248.194 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.8	53.8
71	42.0	33.4	50.0

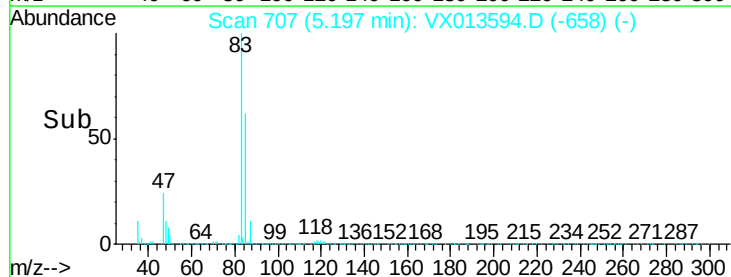
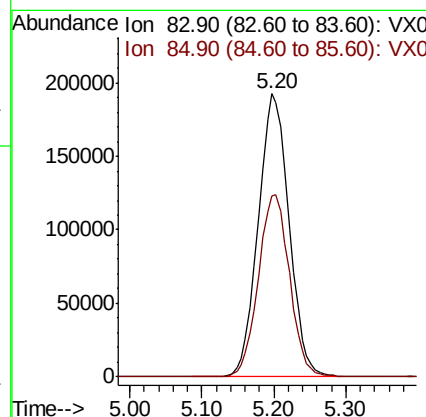
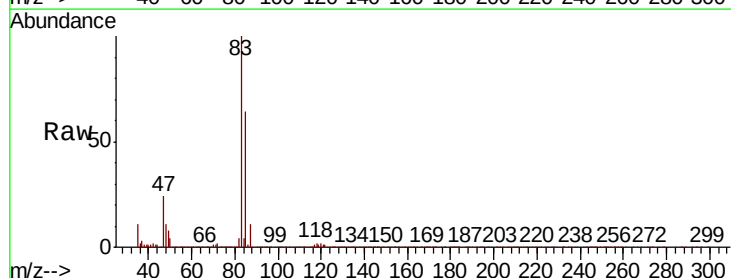
Manual Integrations
APPROVED

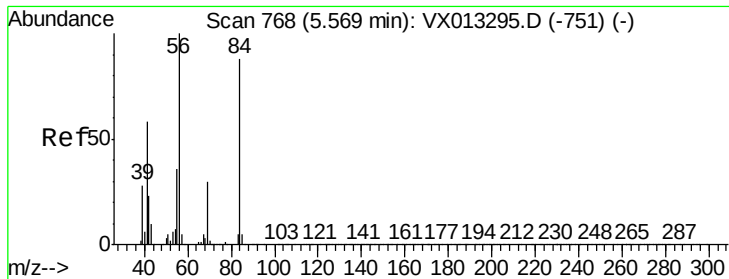
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#30
Chloroform
Concen: 50.740 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.4





#31

Cyclohexane

Concen: 44.395 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

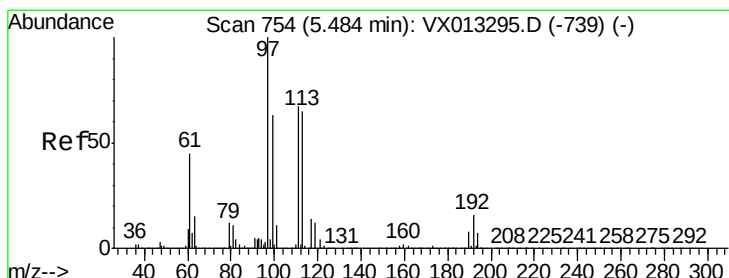
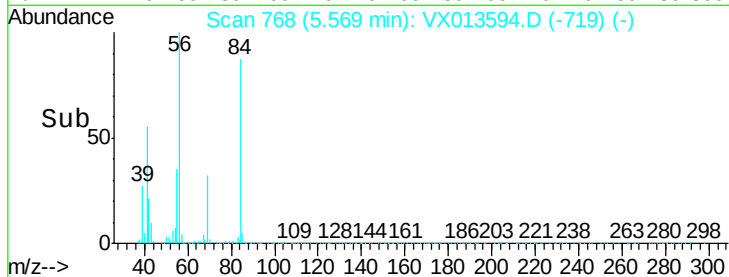
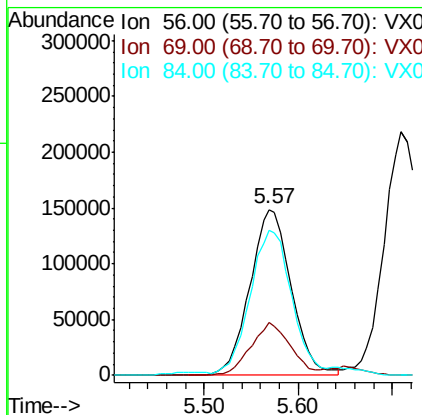
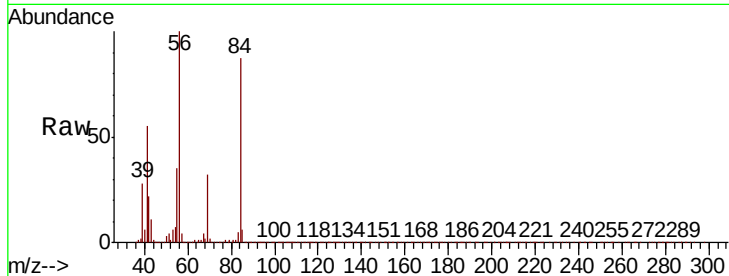
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	455558
Ion Ratio	Lower	Upper	
56	100		
69	31.5	23.7	35.5
84	85.3	70.6	105.8

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#32

1,1,1-Trichloroethane

Concen: 49.134 ug/l

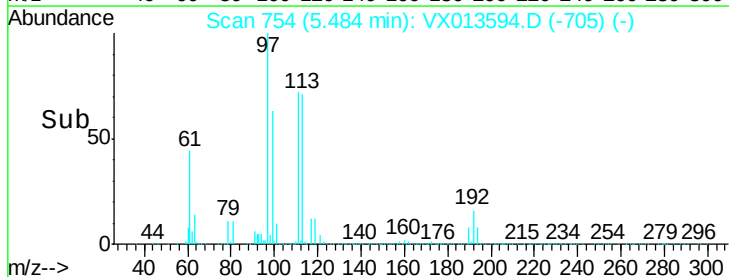
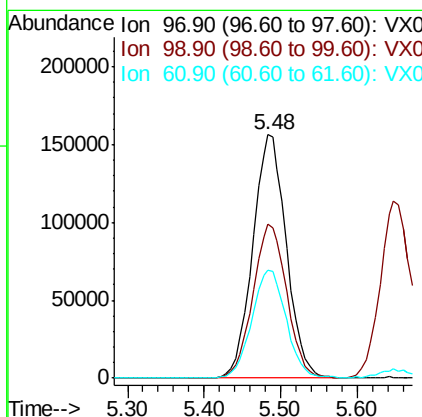
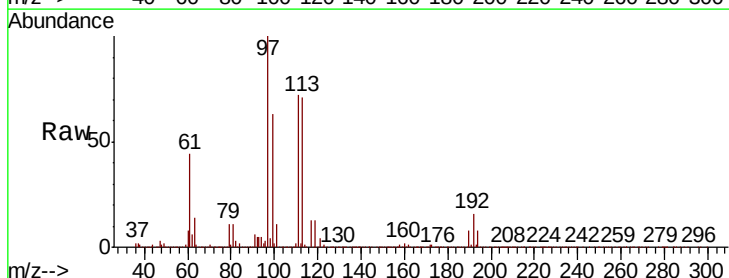
RT: 5.48 min Scan# 754

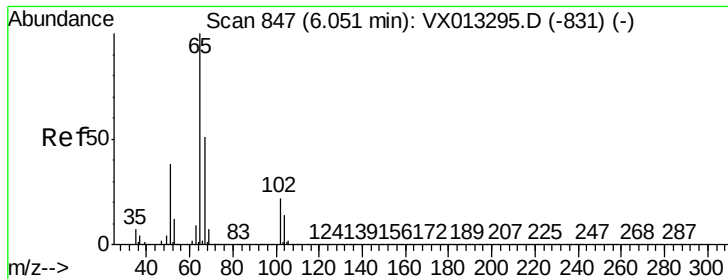
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	97	Resp:	476147
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.1	76.7
61	45.2	36.5	54.7





#33

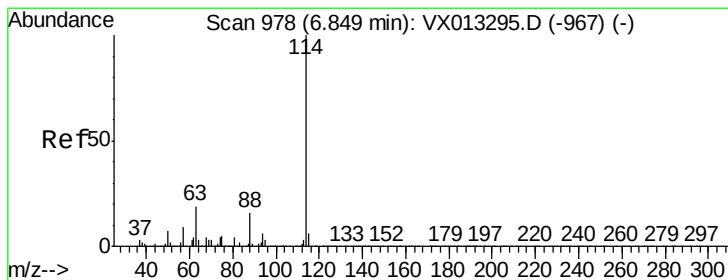
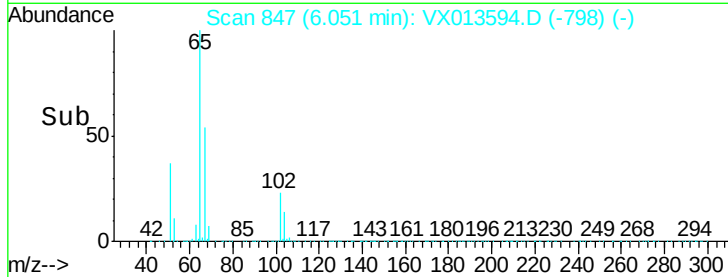
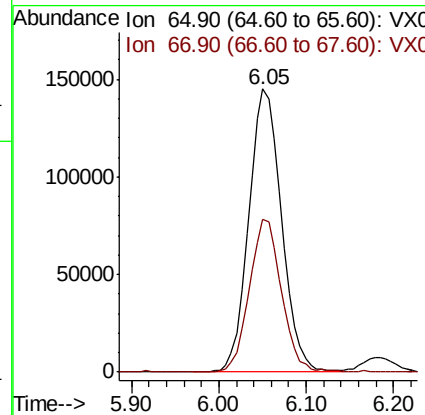
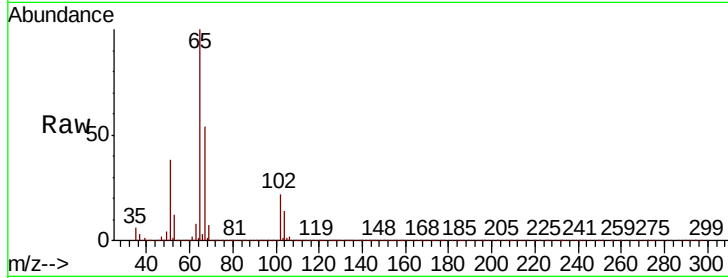
1,2-Dichloroethane-d4
Concen: 50.374 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.2

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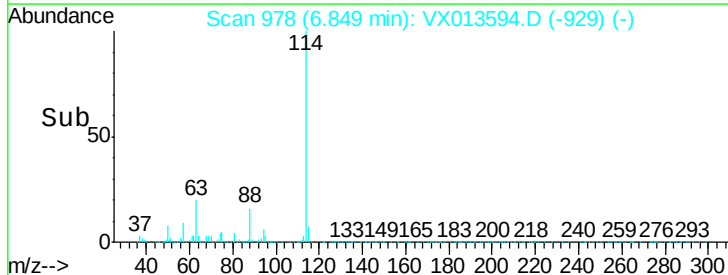
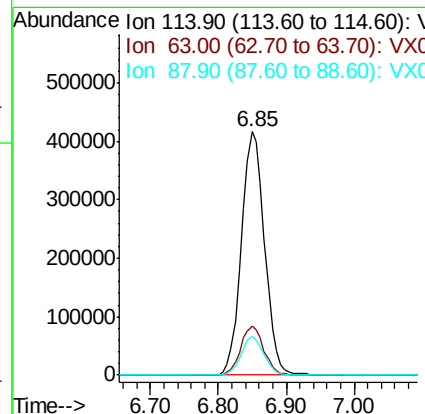
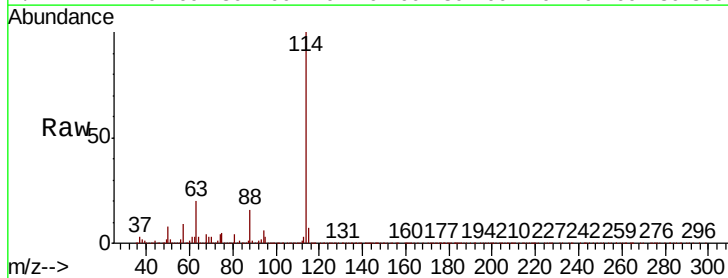
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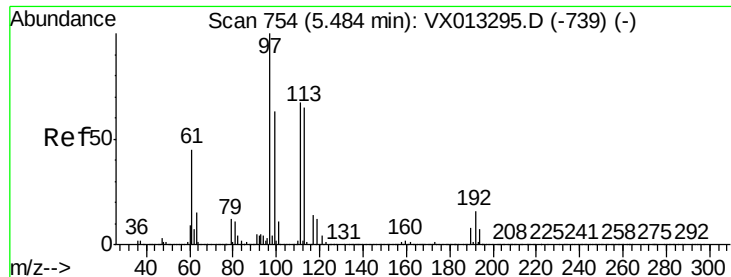


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.4
88	15.8	0.0	32.2





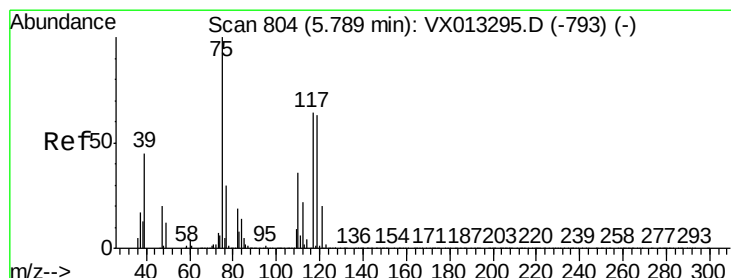
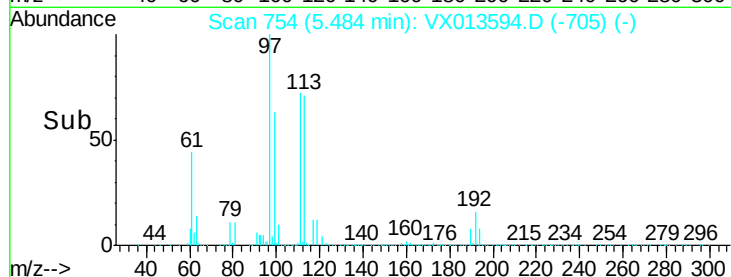
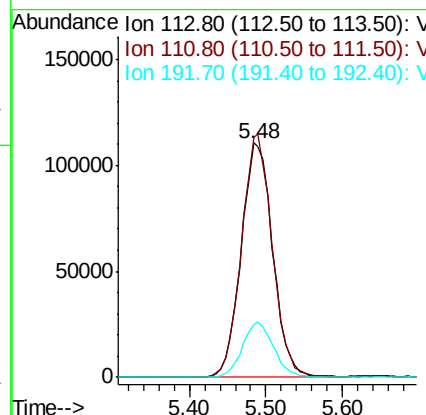
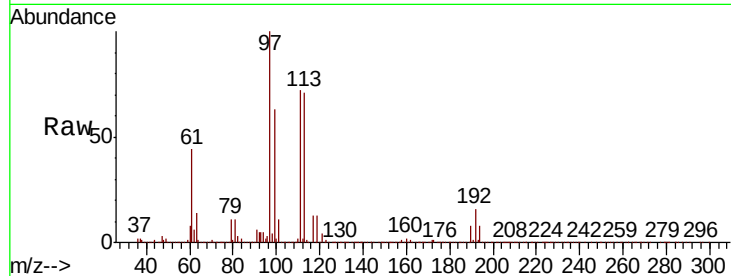
#35
 Dibromofluoromethane
 Concen: 51.077 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	23.2	19.1	28.7

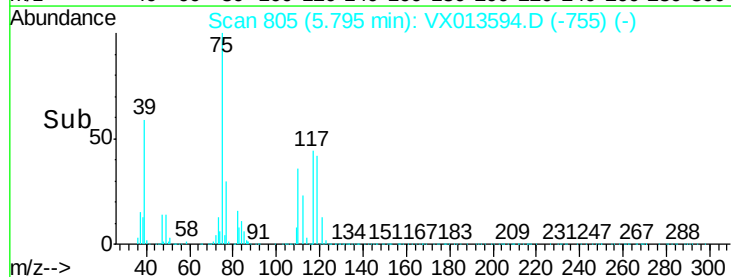
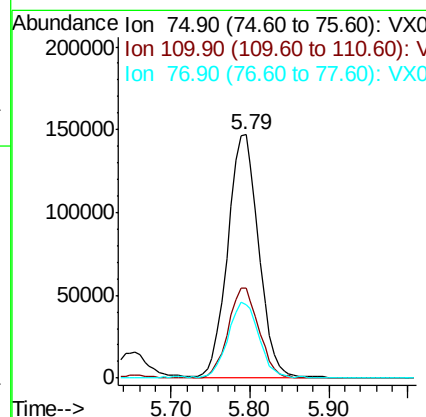
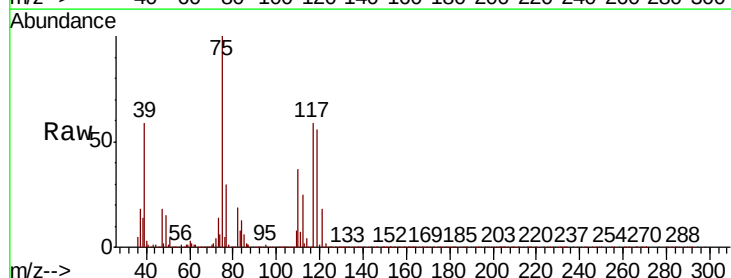
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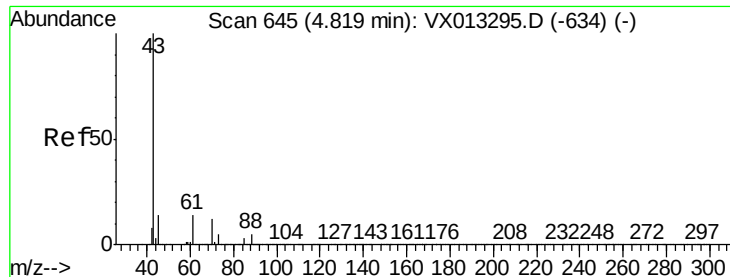
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#36
 1,1-Dichloropropene
 Concen: 47.475 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.1
77	30.1	25.0	37.4





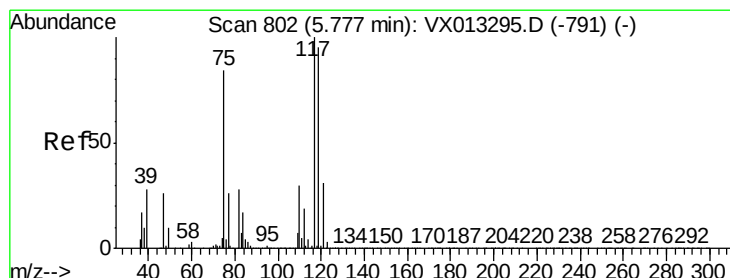
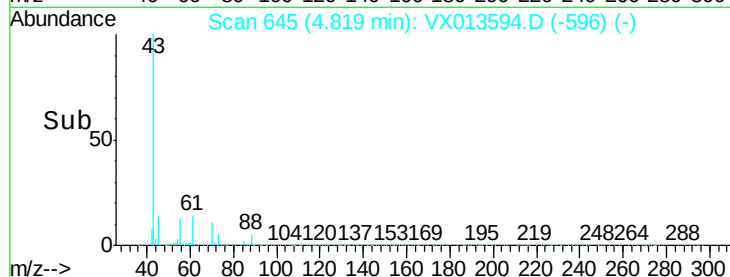
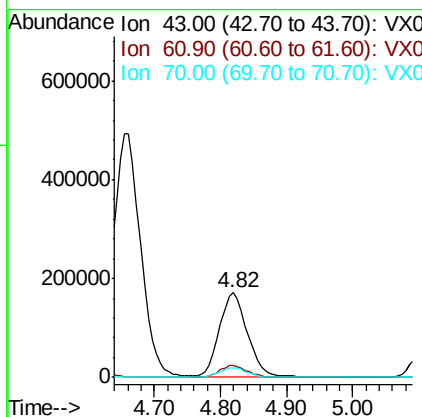
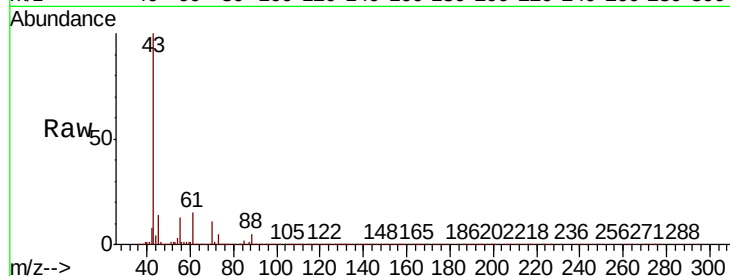
#37
Ethyl Acetate
Concen: 48.395 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	505283
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	11.2	8.7	13.1

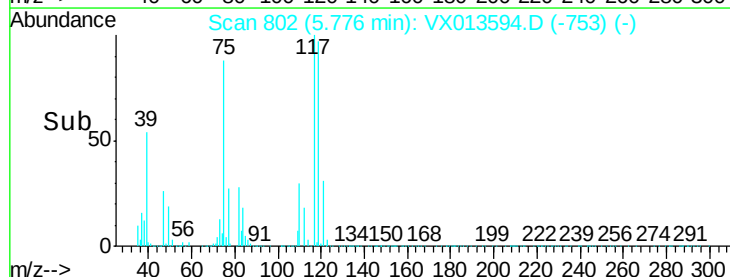
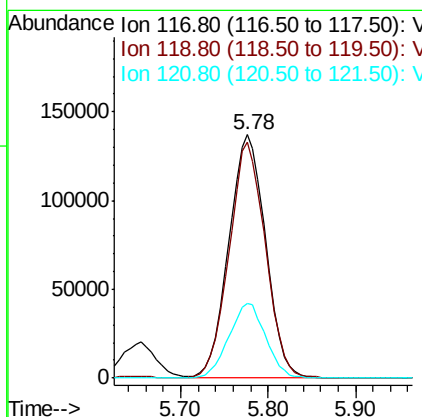
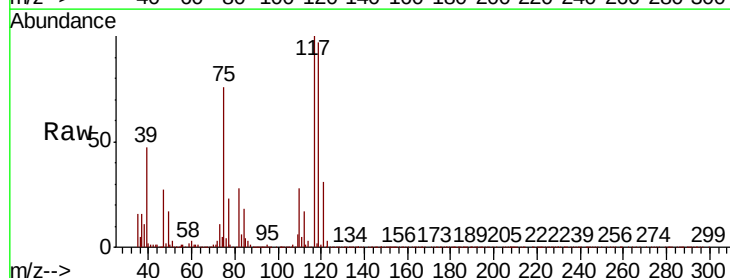
Manual Integrations
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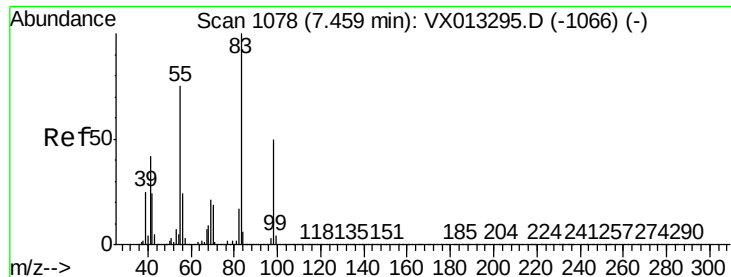
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#38
Carbon Tetrachloride
Concen: 48.246 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	117	Resp	398633
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.1	114.1
121	30.6	24.6	37.0





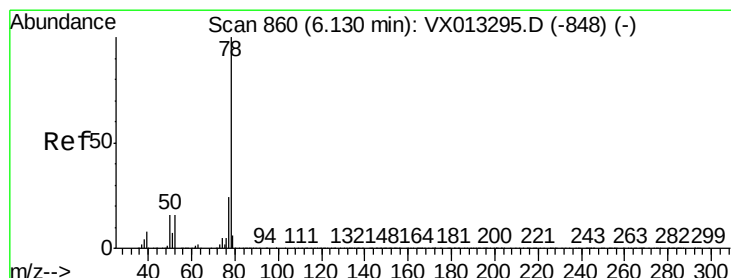
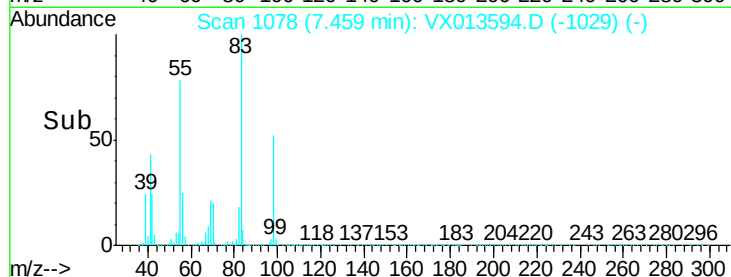
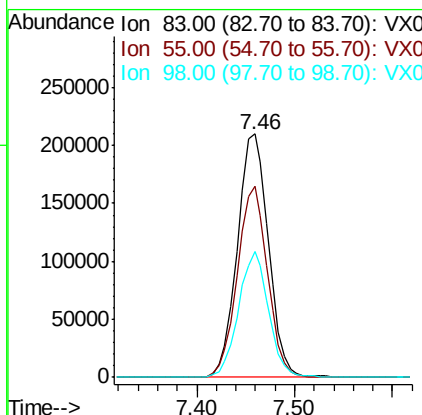
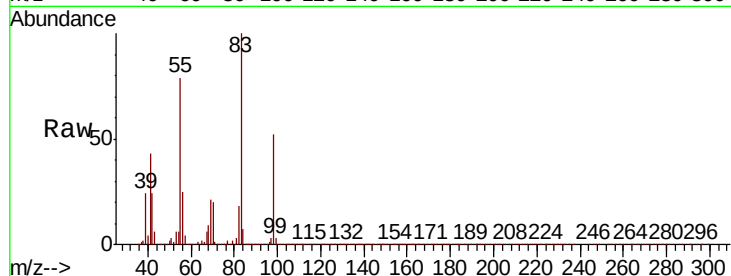
#39
Methylvlcyclohexane
Concen: 43.744 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.3	90.5
98	51.6	40.3	60.5

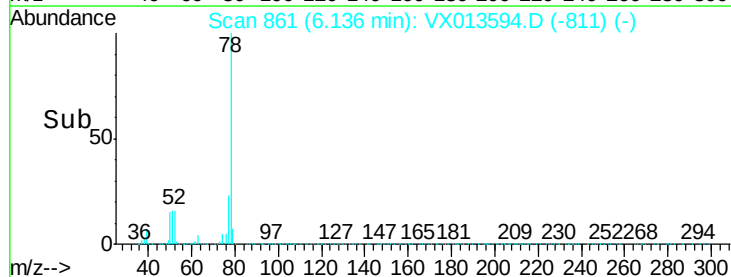
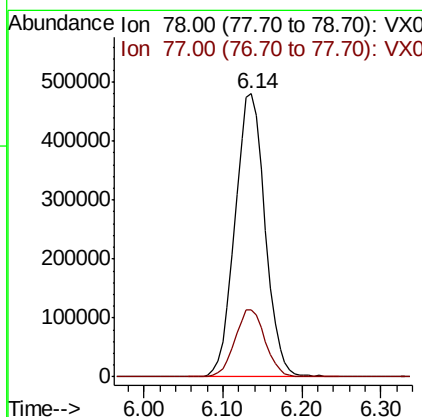
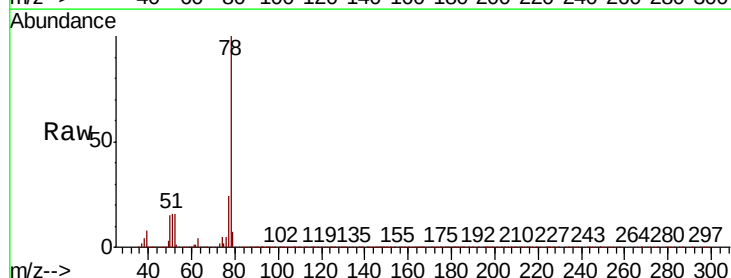
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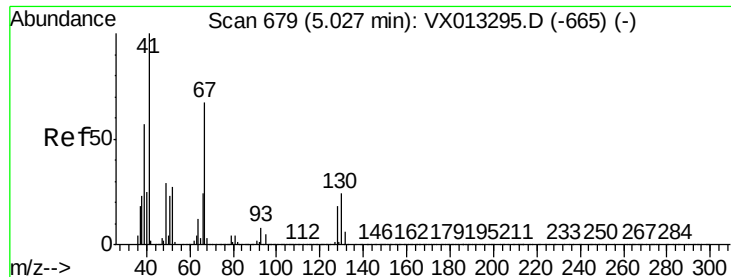
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#40
Benzene
Concen: 48.481 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





#41

Methacrylonitrile

Concen: 49.191 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

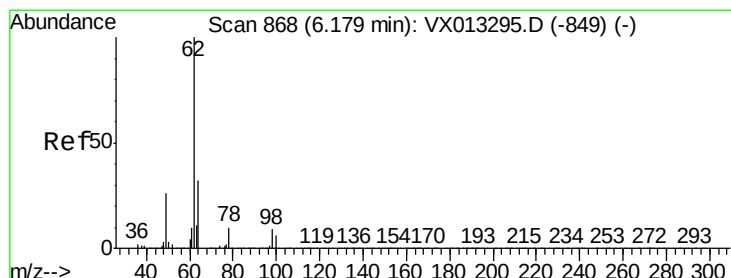
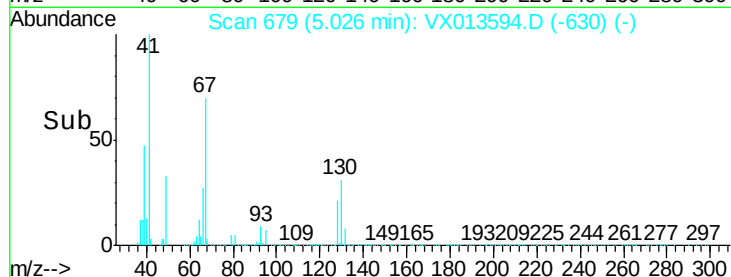
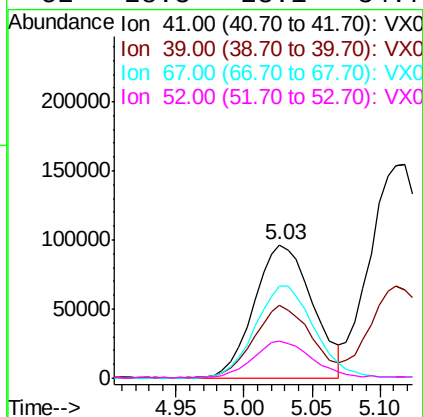
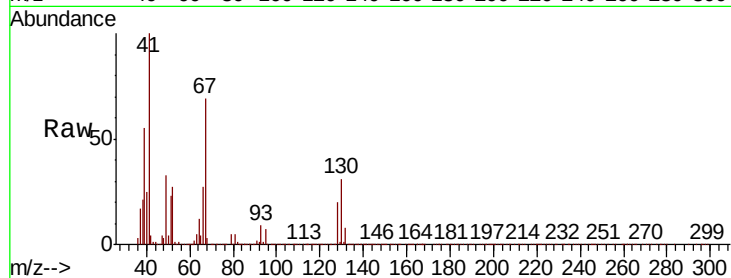
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	45.0	67.6	
67	71.4	55.4	83.2	
52	28.3	23.1	34.7	

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#42

1,2-Dichloroethane

Concen: 47.504 ug/l

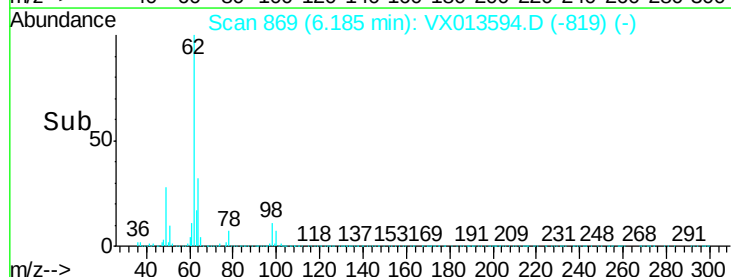
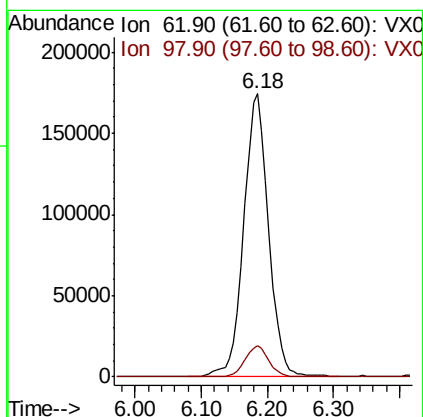
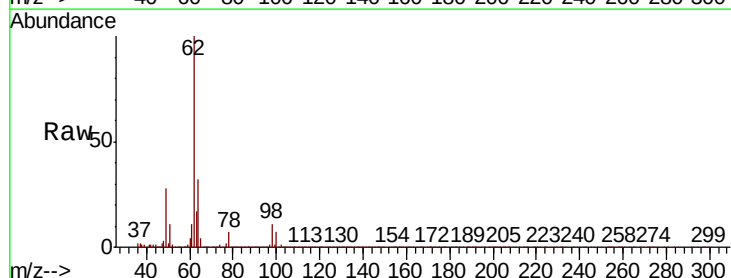
RT: 6.18 min Scan# 869

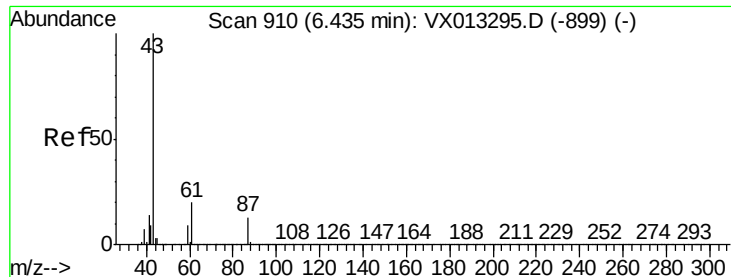
Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	19.4	





#43

Isopropyl Acetate

Concen: 51.269 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

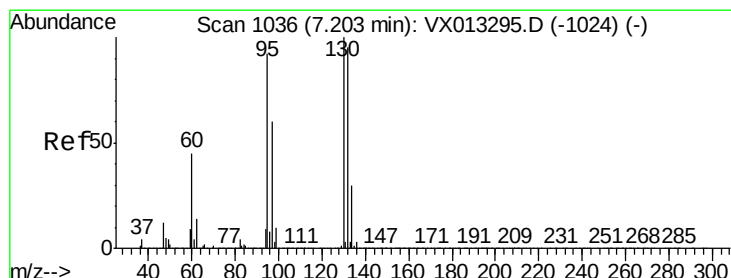
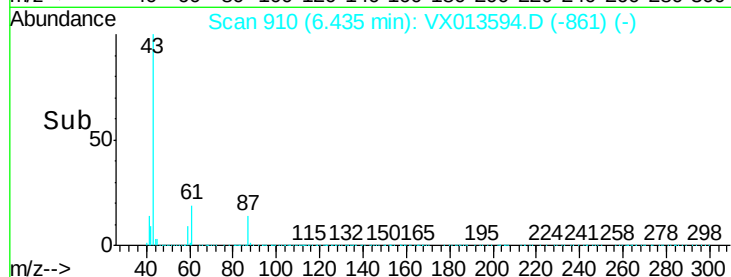
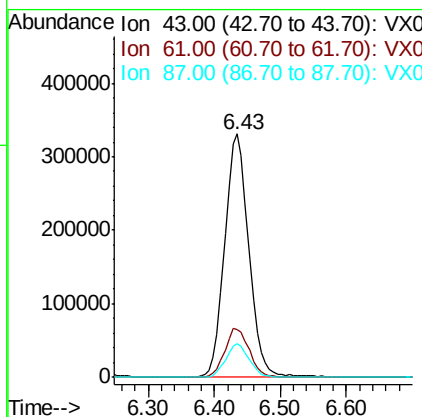
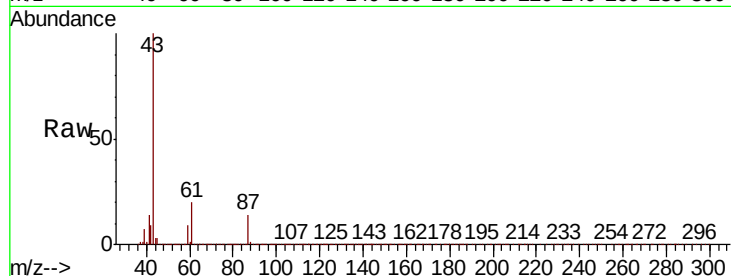
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	833540
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.4	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.102 ug/l

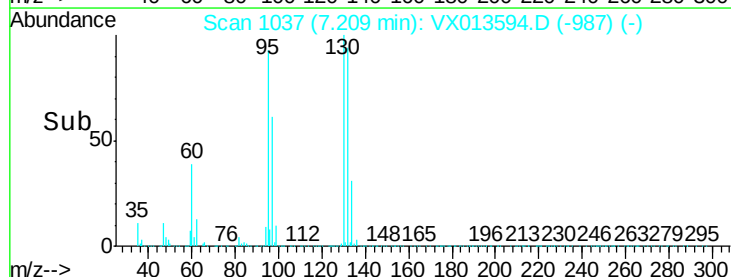
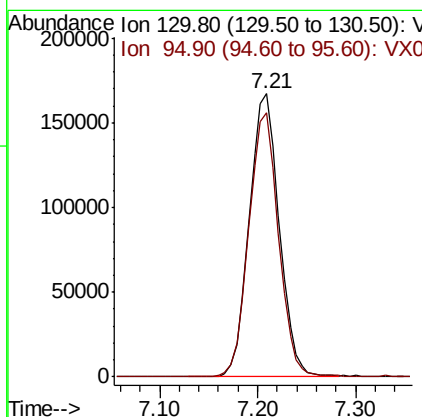
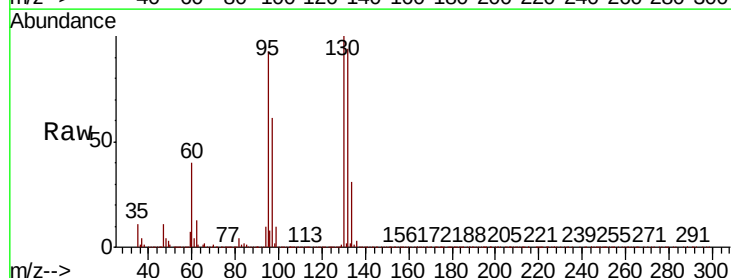
RT: 7.21 min Scan# 1037

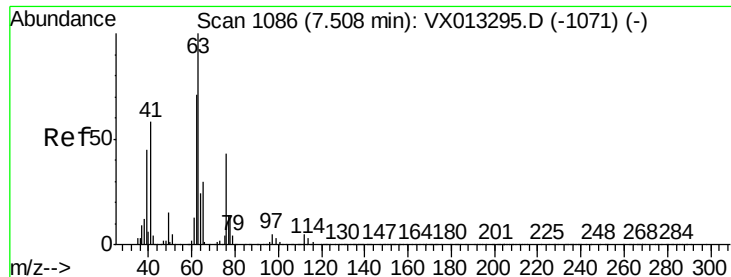
Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	130	Resp:	355745
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	184.8





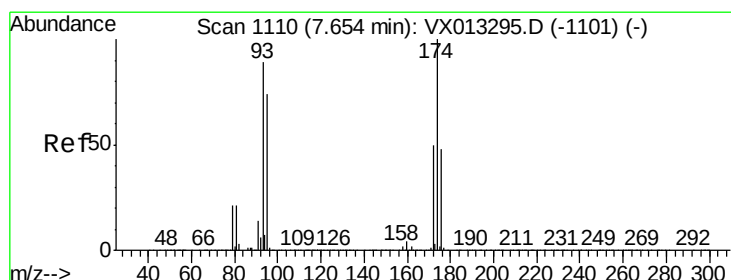
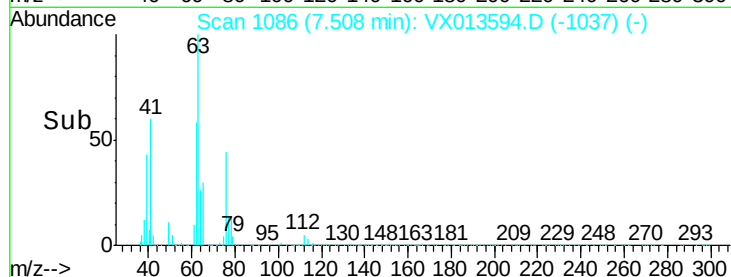
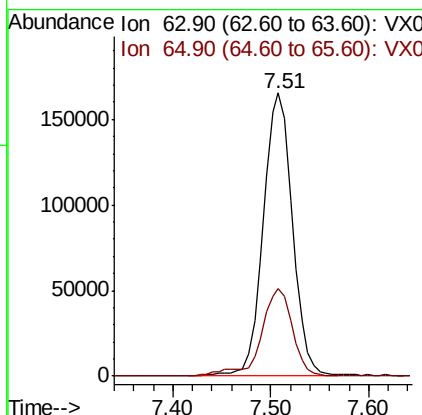
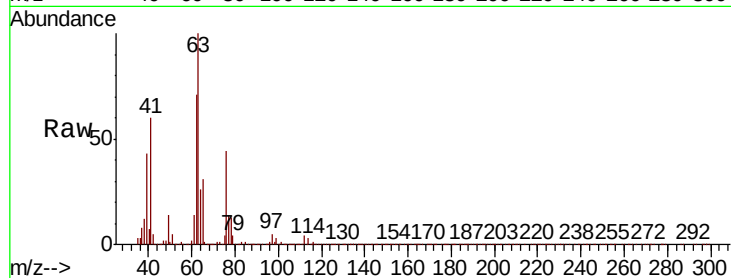
#45
 1,2-Dichloropropane
 Concen: 50.860 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.3	36.5

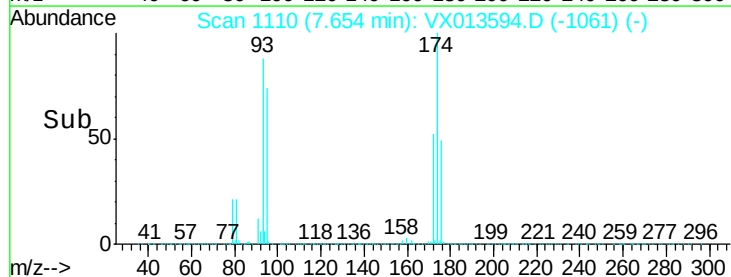
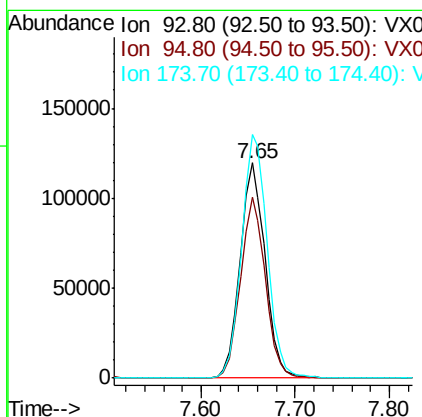
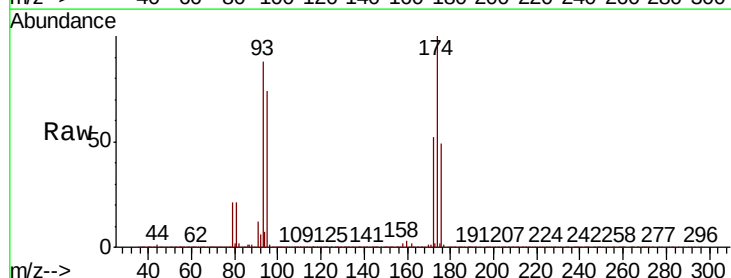
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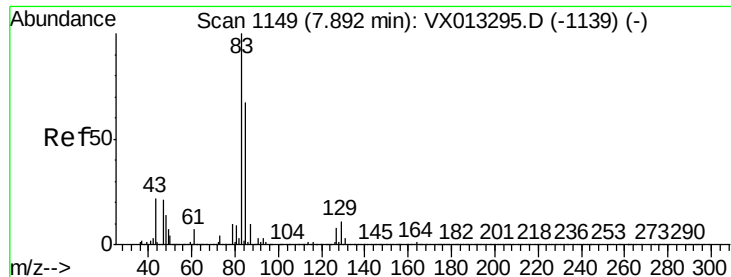
apatel
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#46
 Dibromomethane
 Concen: 48.353 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.8	98.6
174	116.1	90.4	135.6





#47

Bromodichloromethane

Concen: 51.839 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

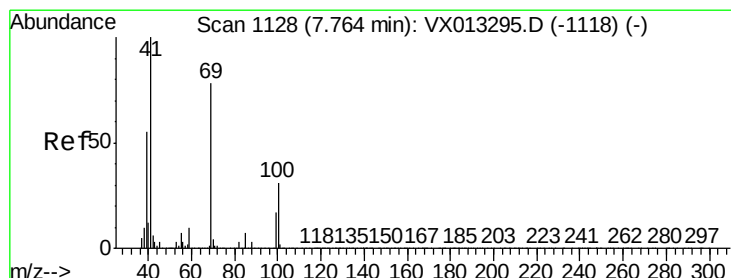
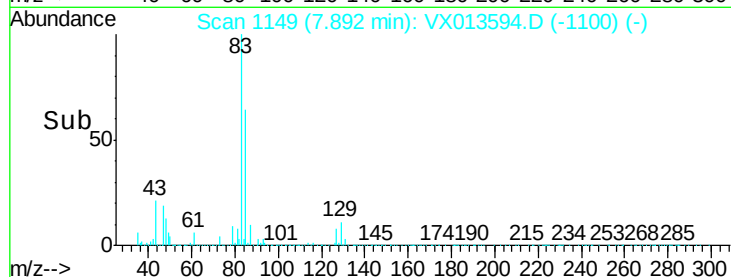
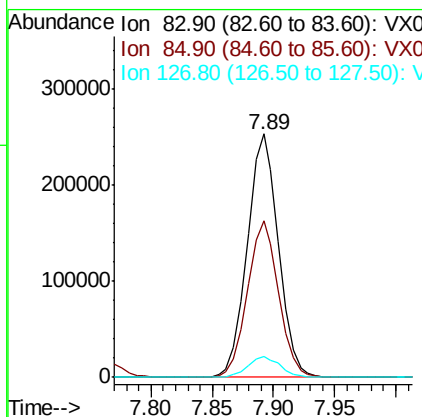
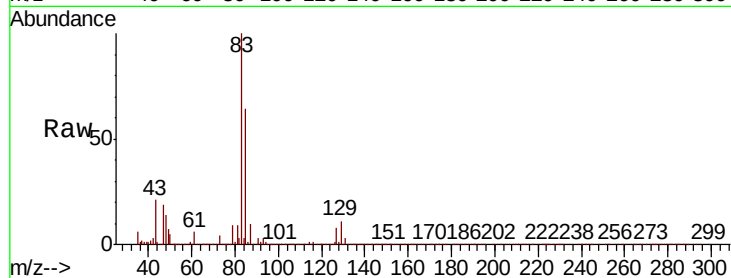
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	447594
Ion Ratio	Lower	Upper	
83	100		
85	64.0	53.7	80.5
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.002 ug/l

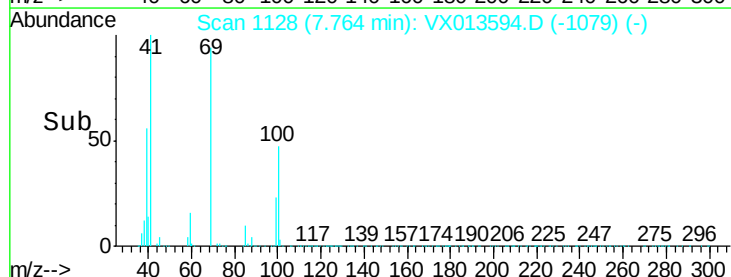
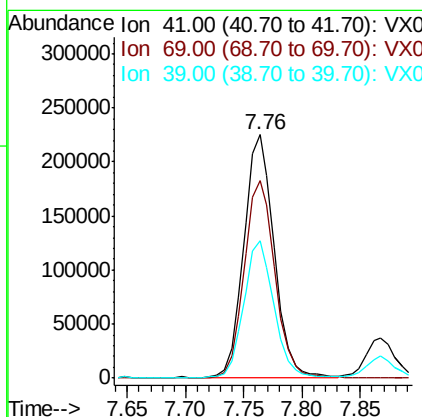
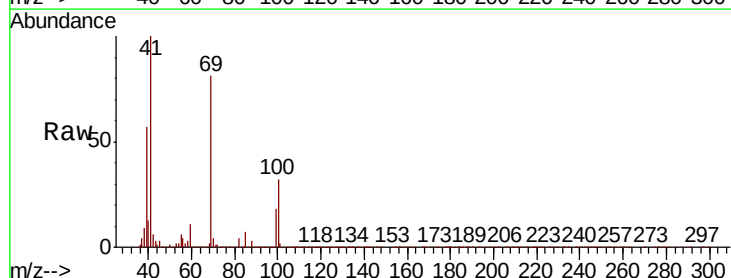
RT: 7.76 min Scan# 1128

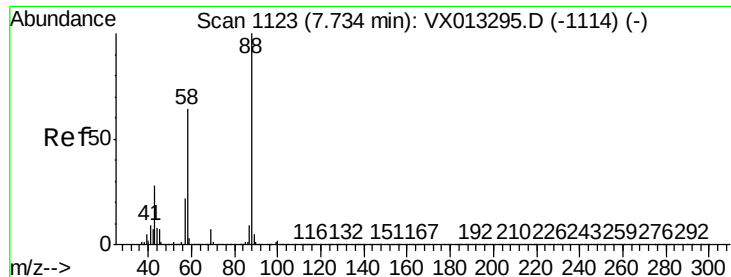
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	41	Resp:	405803
Ion Ratio	Lower	Upper	
41	100		
69	83.2	63.0	94.6
39	56.3	45.9	68.9





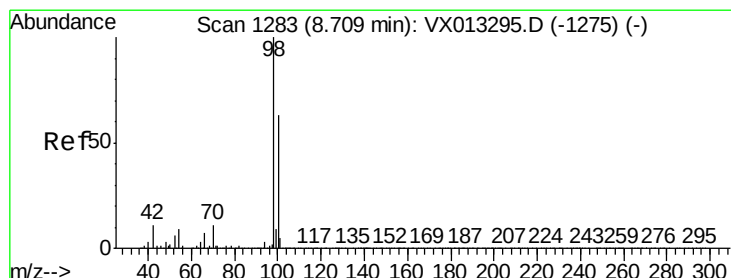
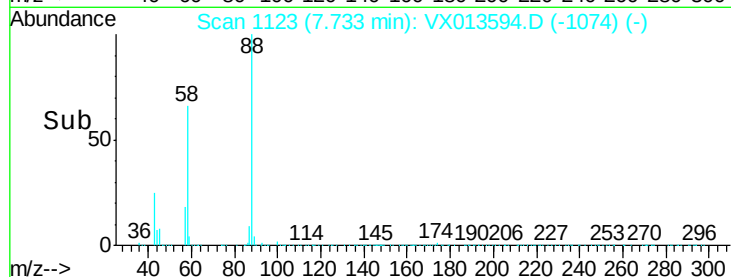
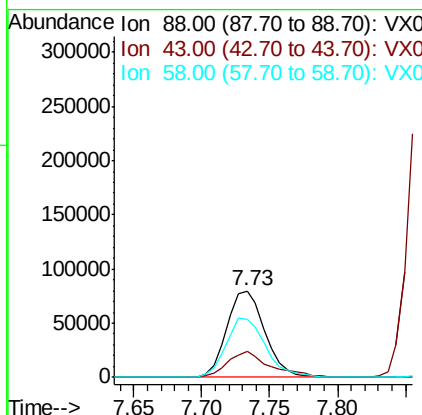
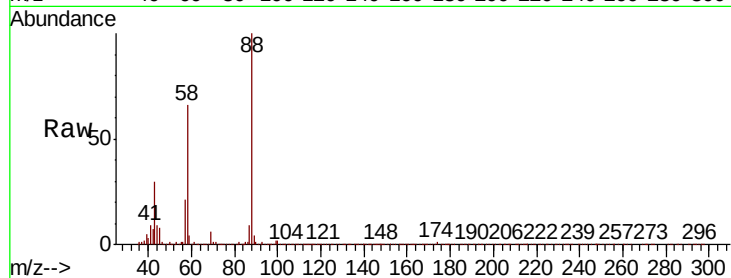
#49
1,4-Dioxane
Concen: 835.288 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.6	39.8
58	70.3	55.0	82.6

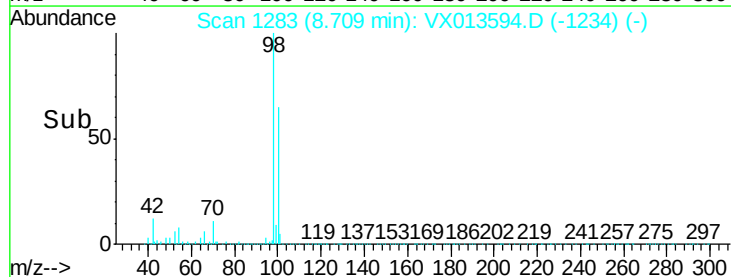
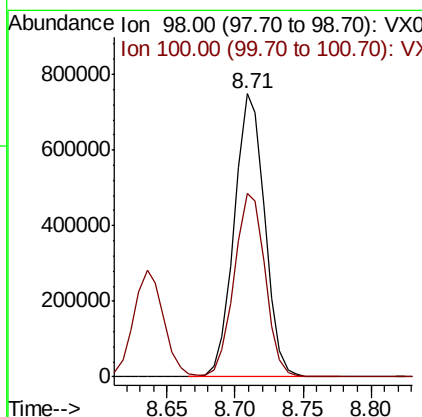
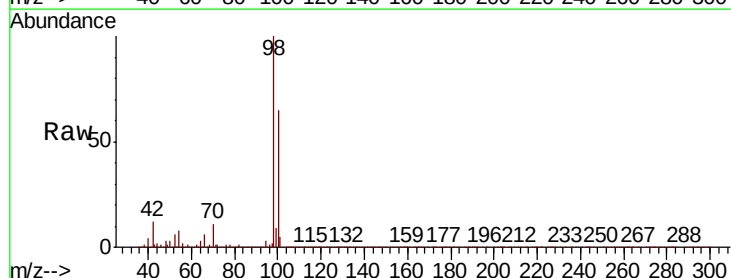
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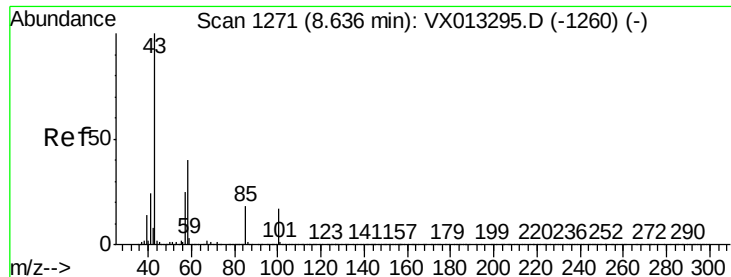
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#50
Toluene-d8
Concen: 50.033 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 249.122 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2657321

Ion Ratio Lower Upper

43 100

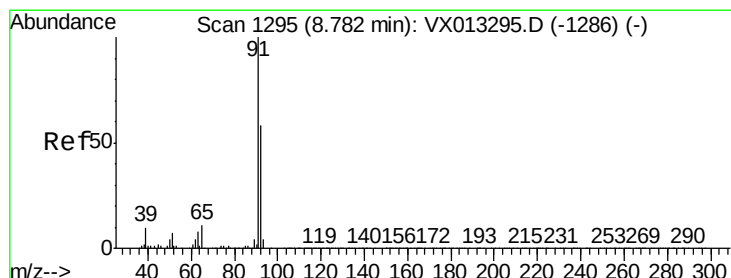
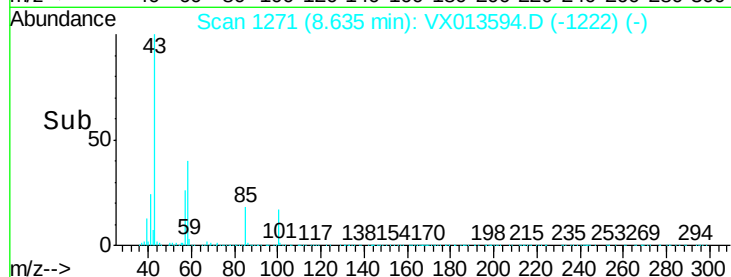
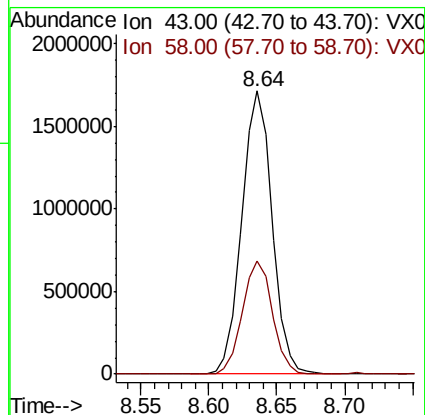
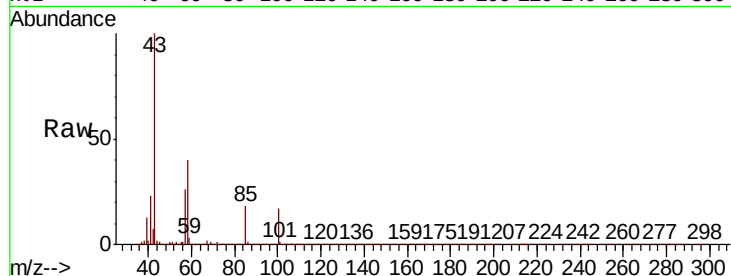
58 39.8 31.4 47.0

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#52

Toluene

Concen: 49.008 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013594.D

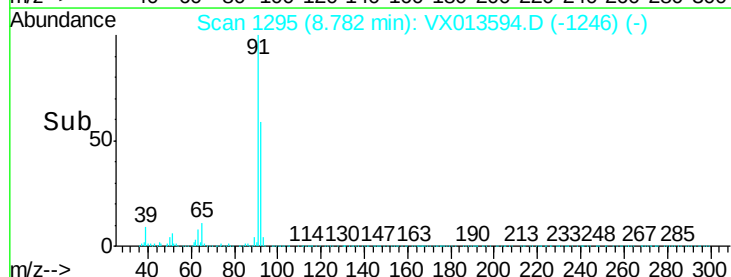
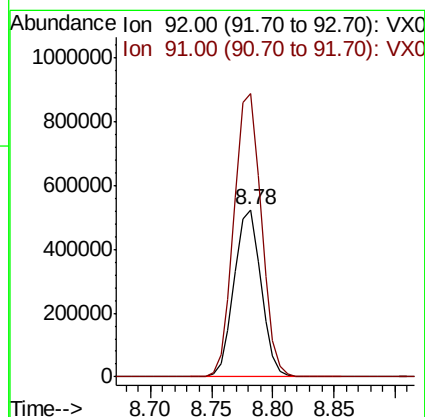
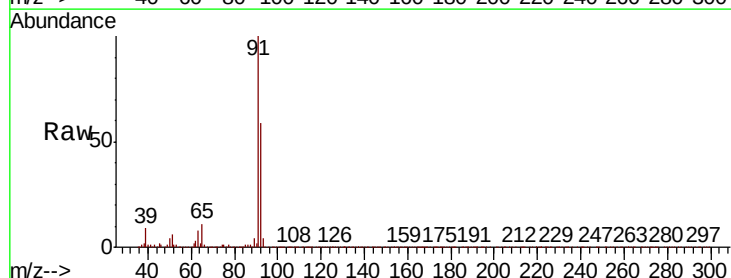
Acq: 25 Nov 2019 20:39

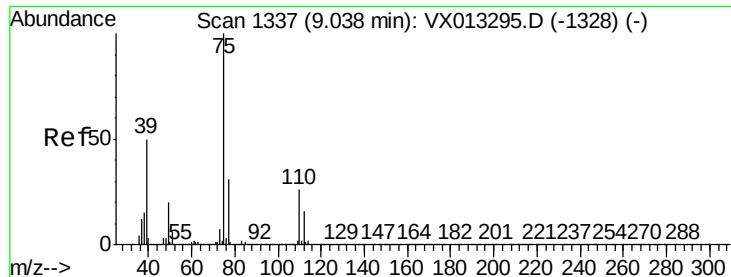
Tgt Ion: 92 Resp: 799463

Ion Ratio Lower Upper

92 100

91 172.2 138.0 207.0





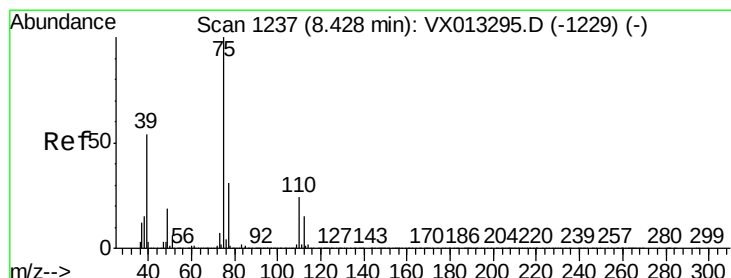
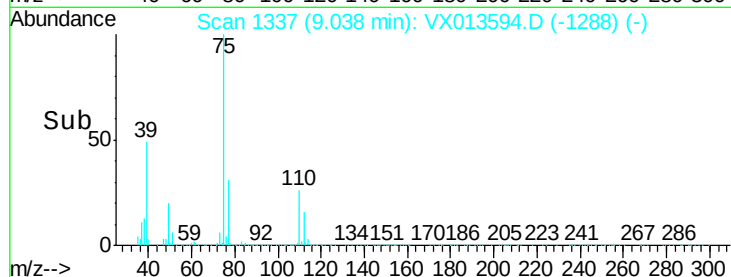
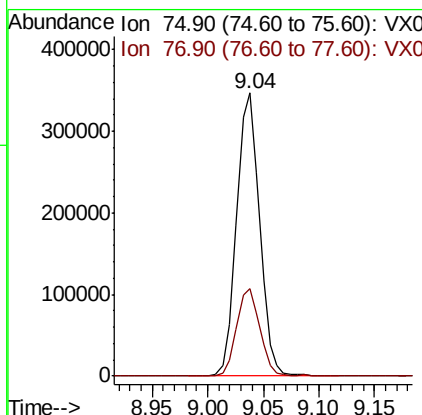
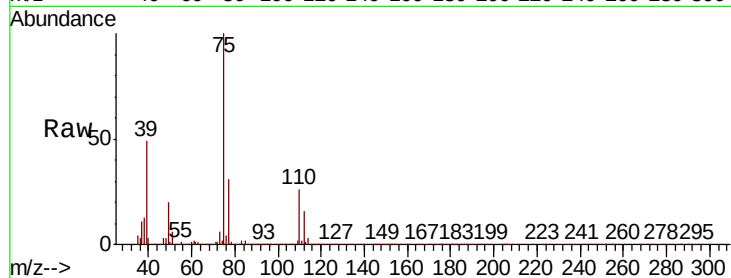
#53
t-1,3-Dichloropropene
Concen: 52.562 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.0	37.4

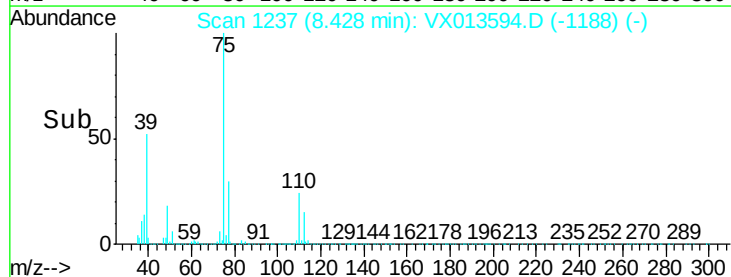
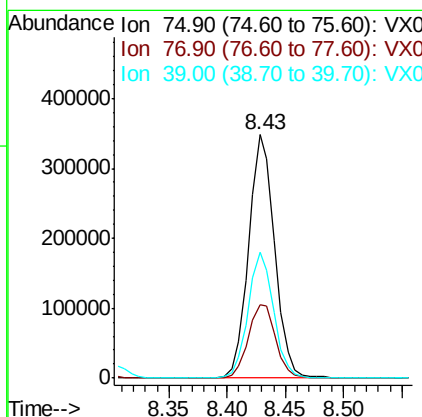
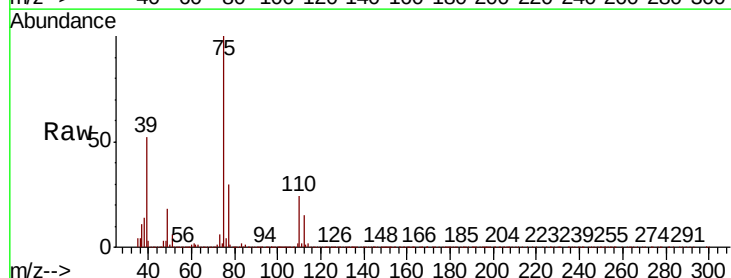
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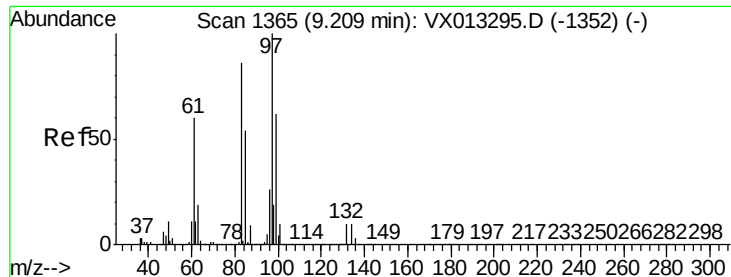
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#54
cis-1,3-Dichloropropene
Concen: 51.371 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.7	37.1
39	51.5	43.0	64.6





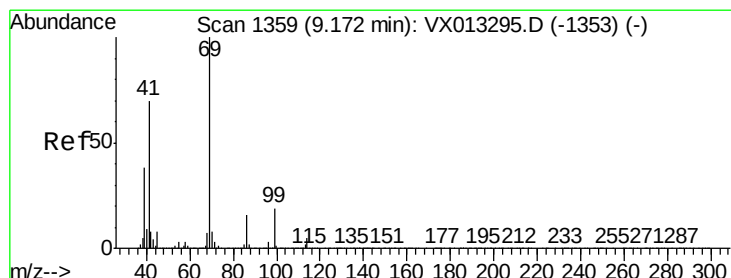
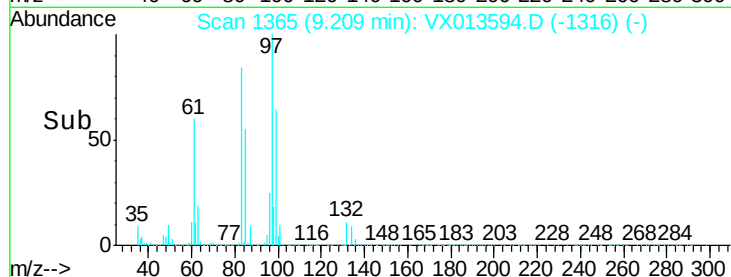
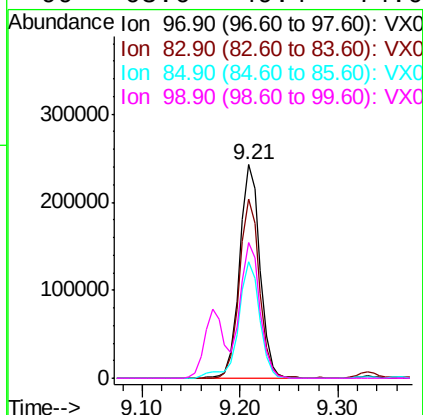
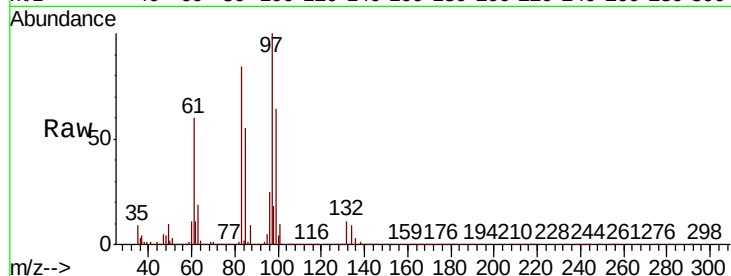
#55
 1,1,2-Trichloroethane
 Concen: 51.798 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	350237
Ion Ratio	Lower	Upper	
97	100		
83	83.9	68.6	103.0
85	54.7	43.1	64.7
99	63.6	49.4	74.0

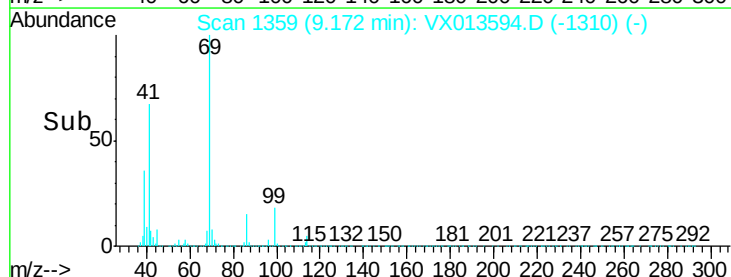
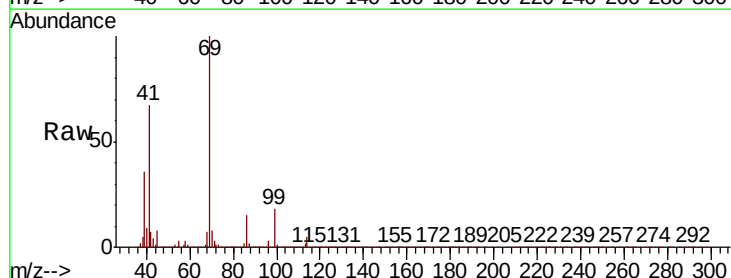
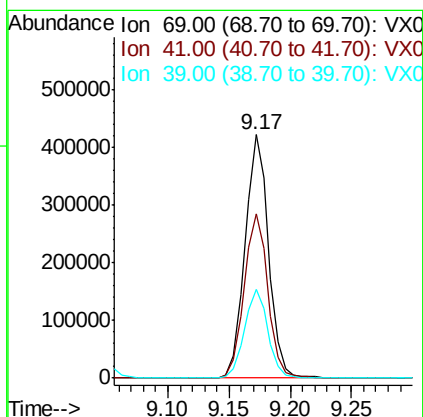
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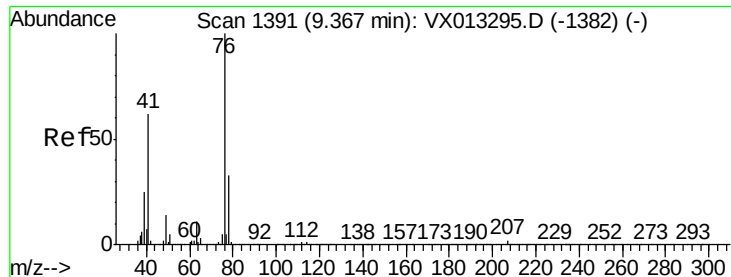
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#56
 Ethyl methacrylate
 Concen: 48.652 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Tgt Ion:	69	Resp:	561102
Ion Ratio	Lower	Upper	
69	100		
41	68.3	56.2	84.2
39	35.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 50.666 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 581546

Ion Ratio Lower Upper

76 100

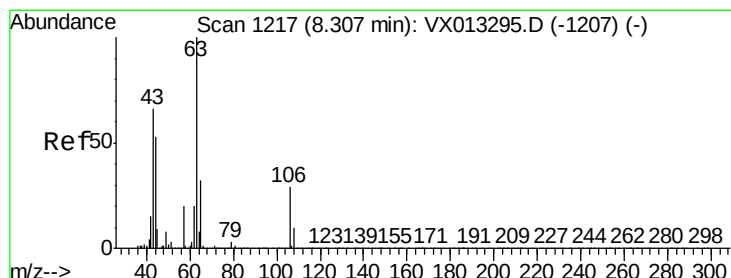
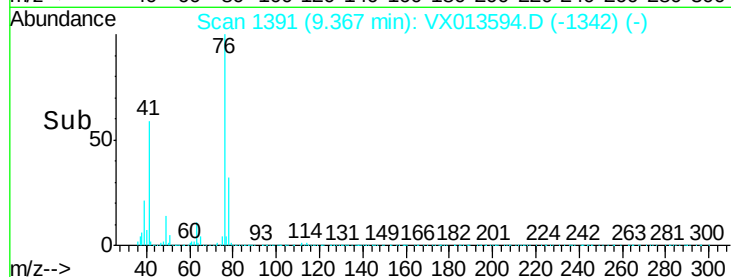
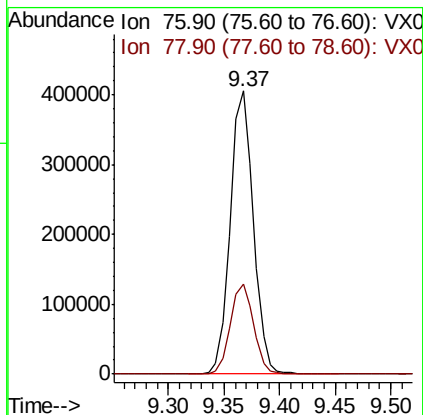
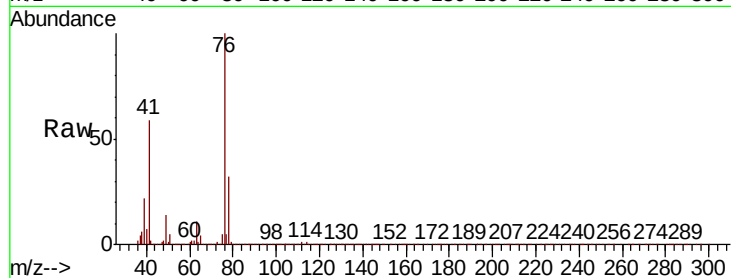
78 32.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 248.132 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013594.D

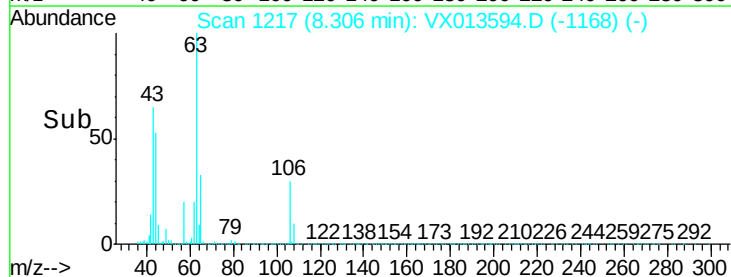
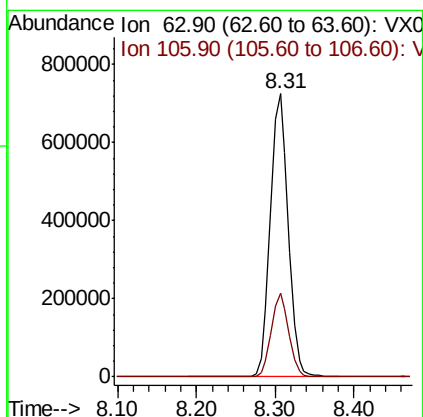
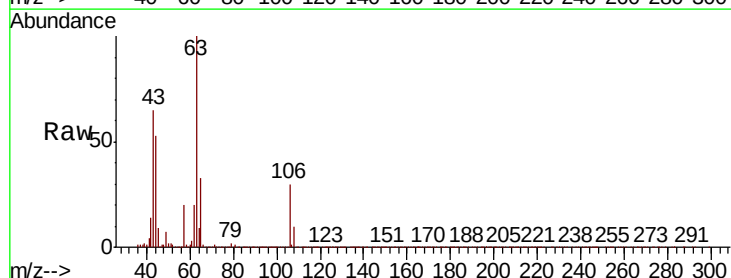
Acq: 25 Nov 2019 20:39

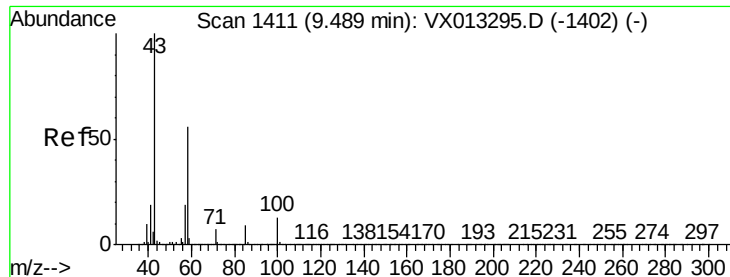
Tgt Ion: 63 Resp: 1147167

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.2





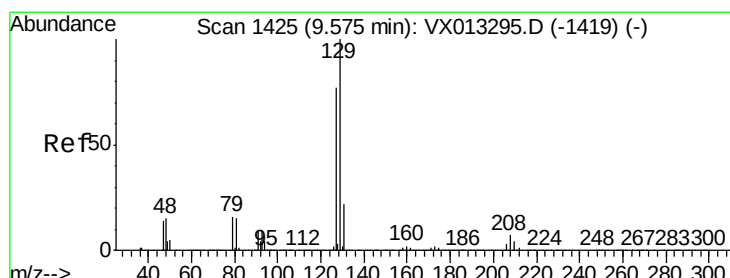
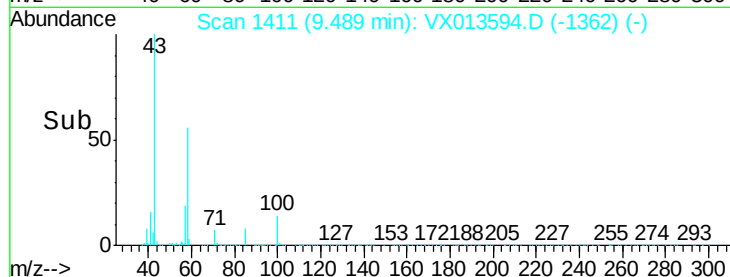
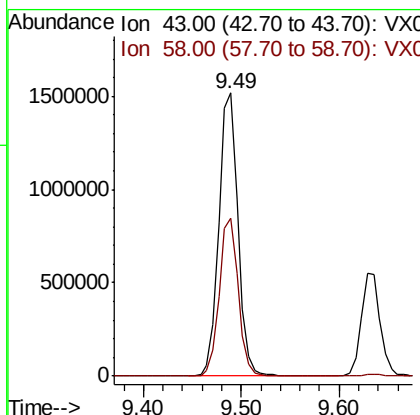
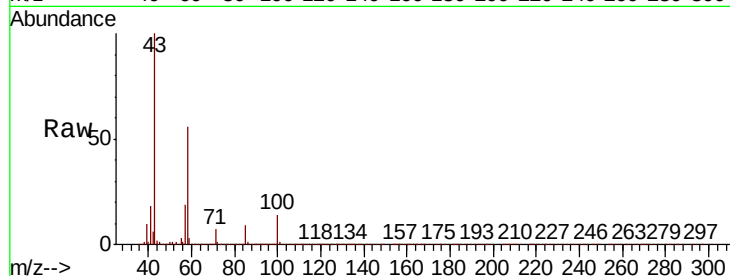
#59
2-Hexanone
Concen: 249.585 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2057328
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8

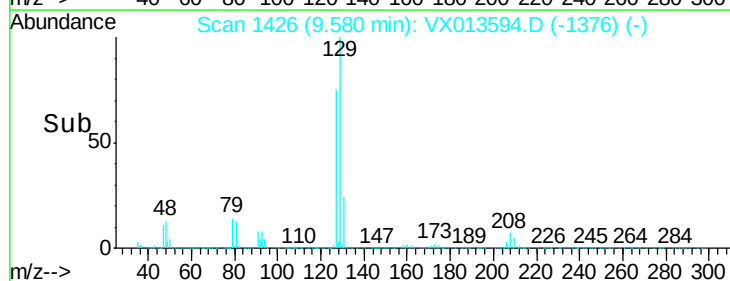
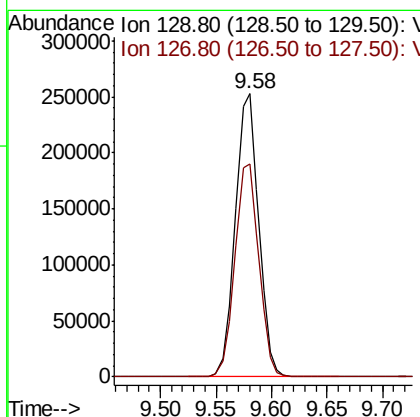
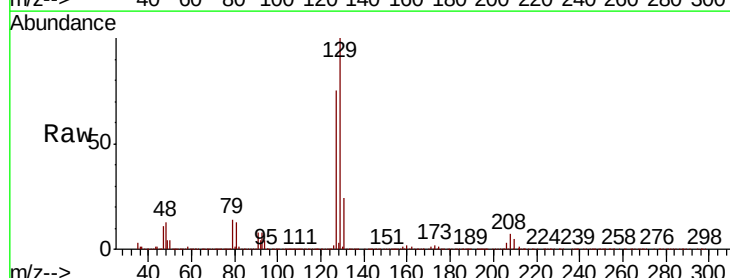
Manual Integrations
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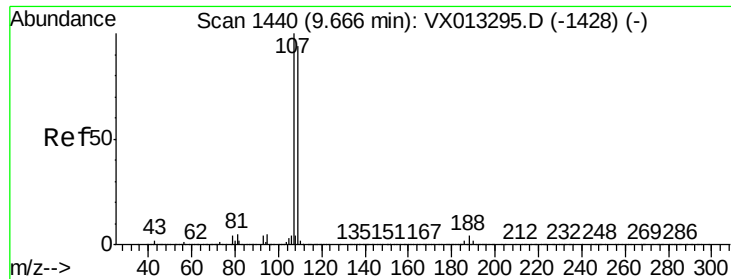
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#60
Dibromochloromethane
Concen: 53.134 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion: 129 Resp: 367431
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.684 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 356725

Ion Ratio Lower Upper

107 100

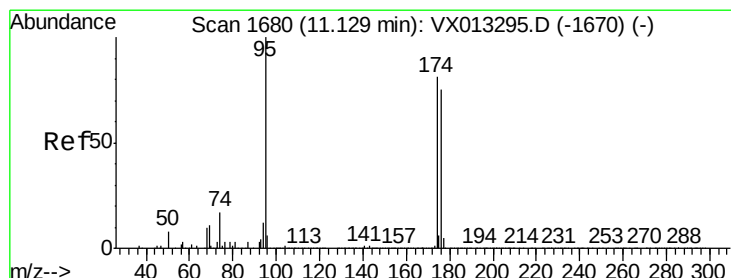
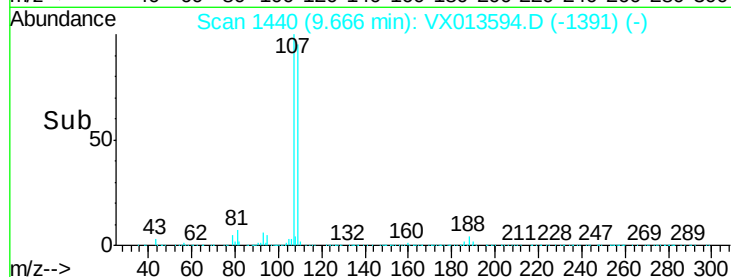
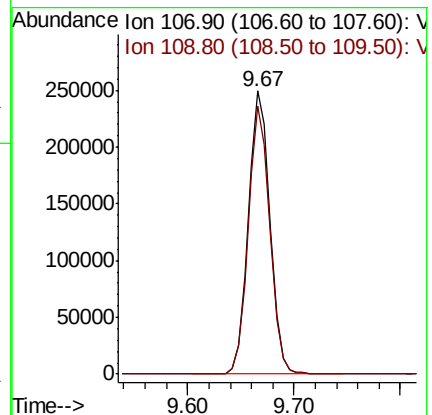
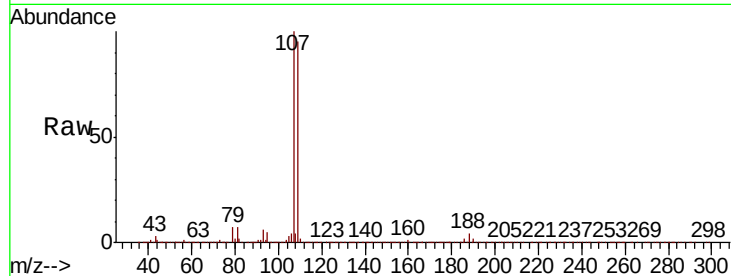
109 93.5 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 50.405 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

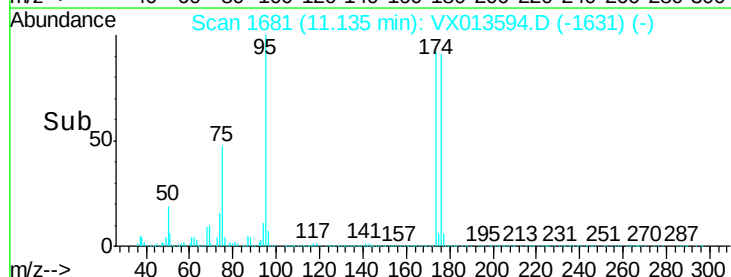
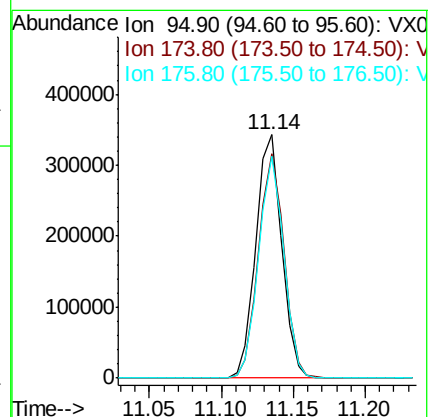
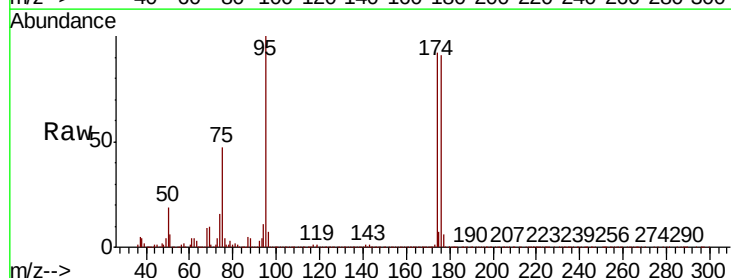
Tgt Ion: 95 Resp: 423658

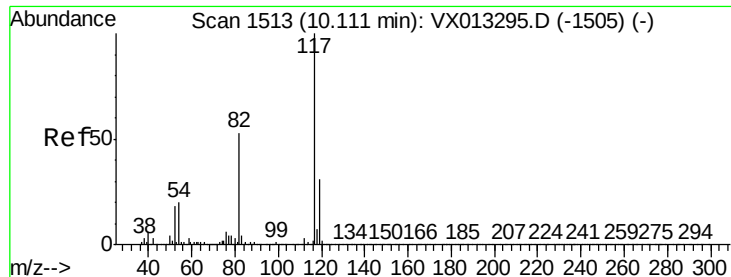
Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.8

176 89.1 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

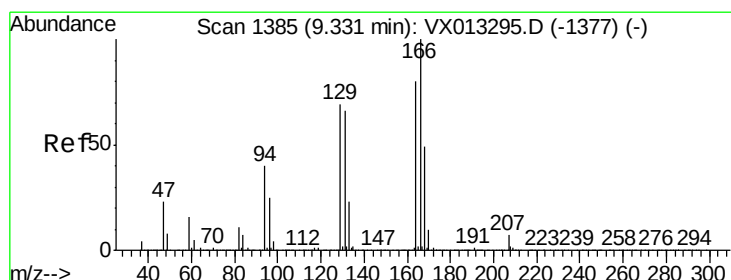
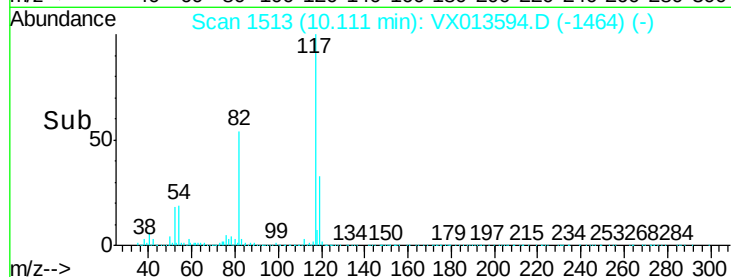
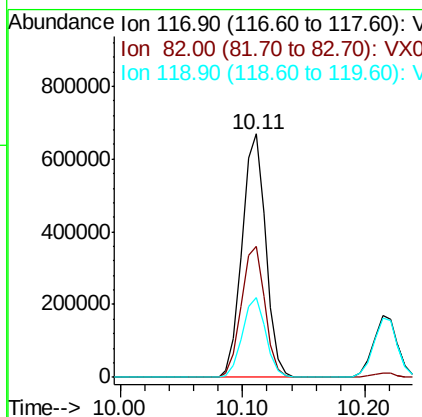
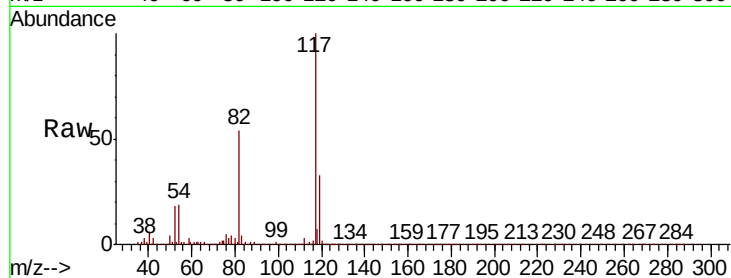
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	891298
Ion Ratio	Lower	Upper	
117	100		
82	53.8	42.6	64.0
119	32.7	24.8	37.2

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#64

Tetrachloroethene

Concen: 72.985 ug/l

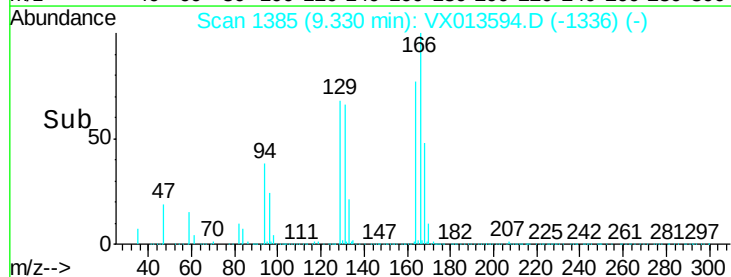
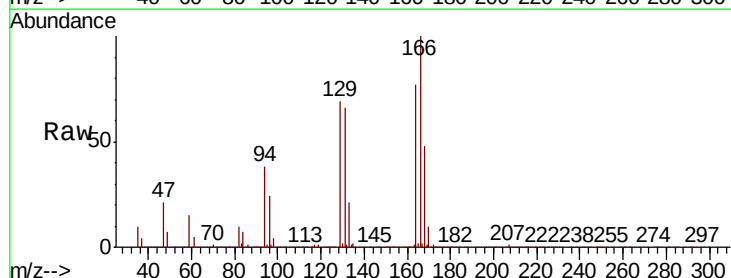
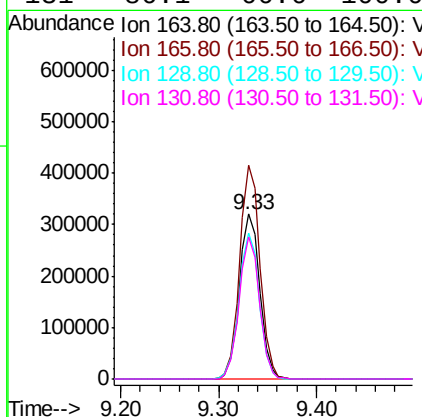
RT: 9.33 min Scan# 1385

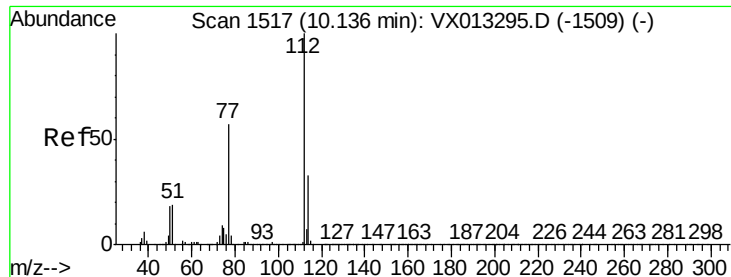
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	164	Resp:	465685
Ion Ratio	Lower	Upper	
164	100		
166	129.8	100.4	150.6
129	88.8	69.4	104.2
131	86.1	66.6	100.0





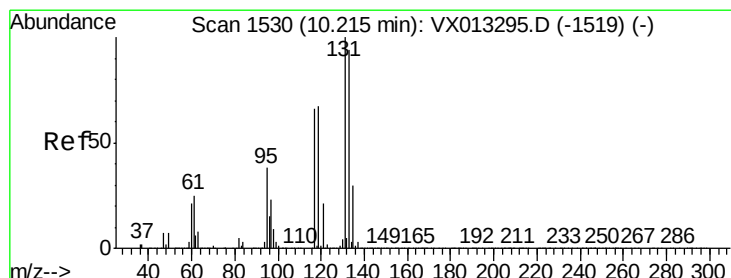
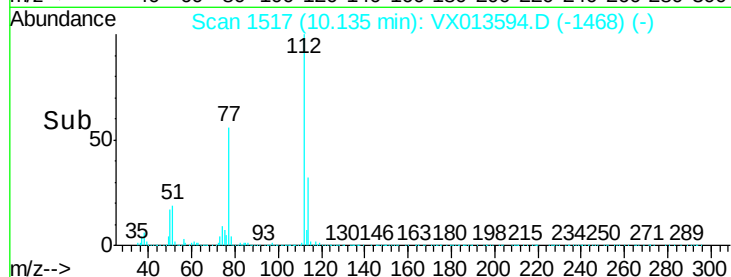
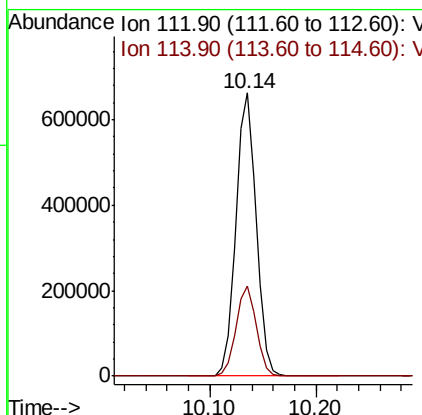
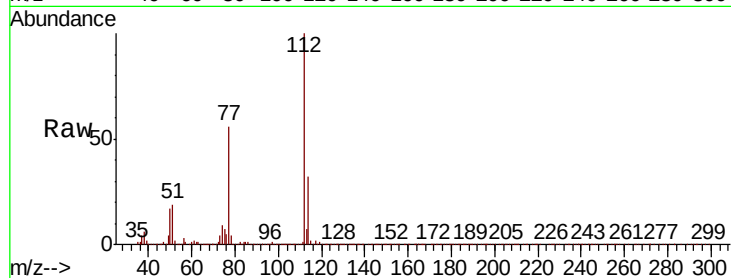
#65
Chlorobenzene
Concen: 49.027 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.4	39.6

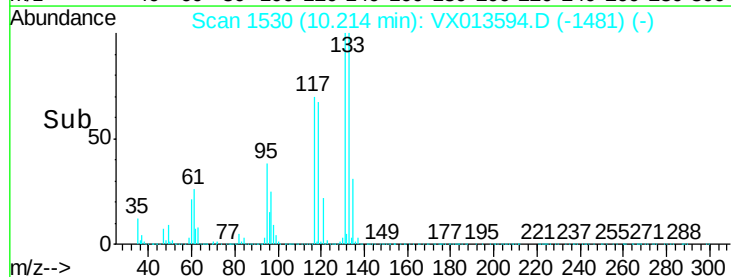
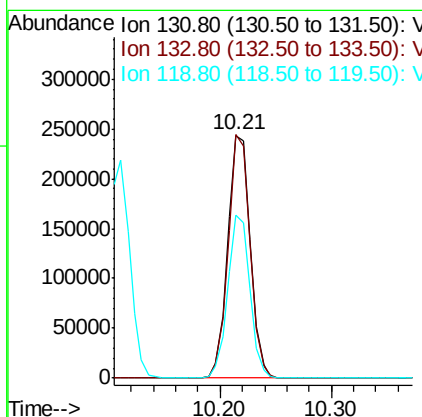
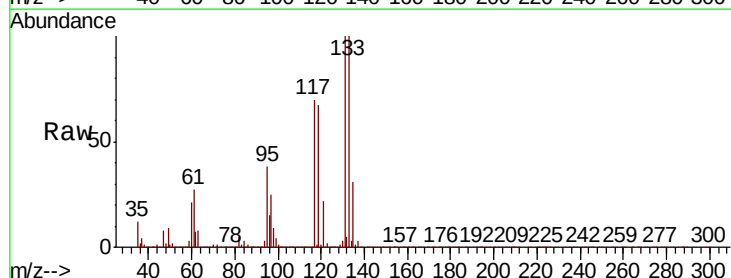
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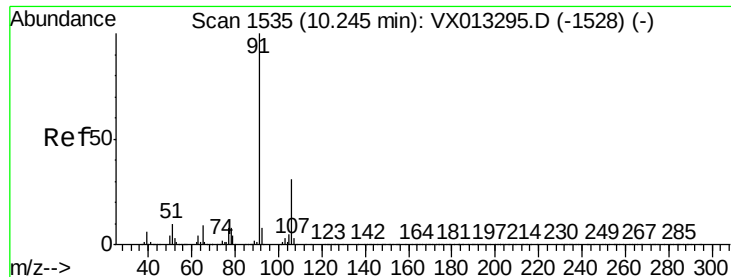
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.540 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	48.0	144.0
119	65.3	33.0	99.0





#67

Ethyl Benzene

Concen: 49.616 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1545199

Ion Ratio Lower Upper

91 100

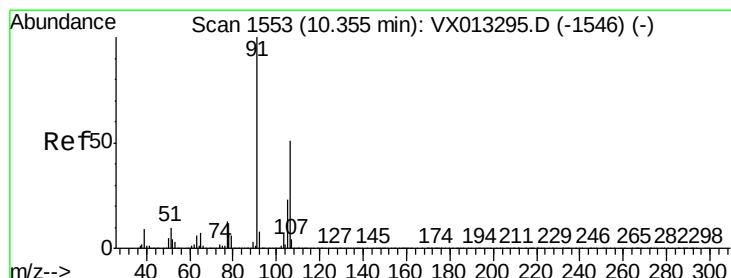
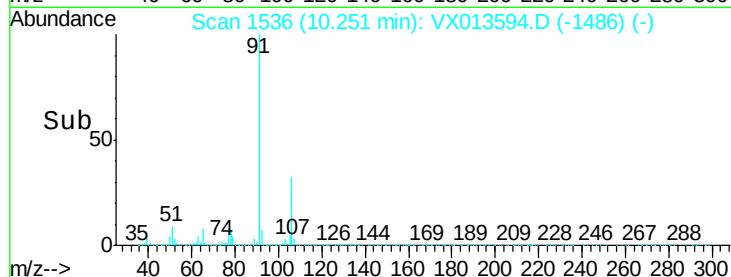
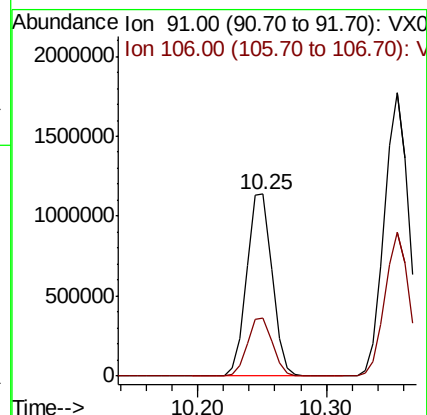
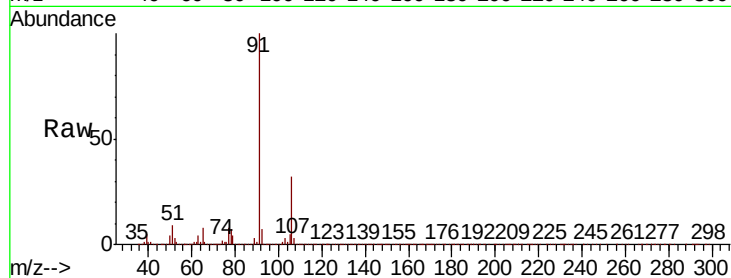
106 32.1 24.6 36.8

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#68

m/p-Xylenes

Concen: 99.458 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013594.D

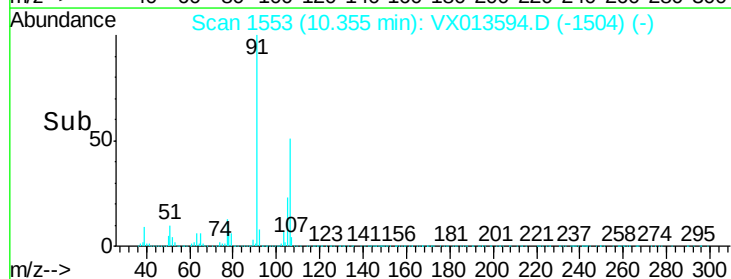
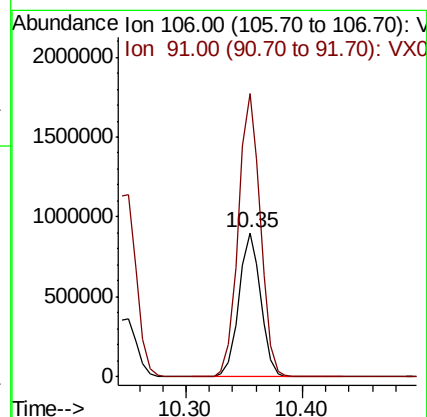
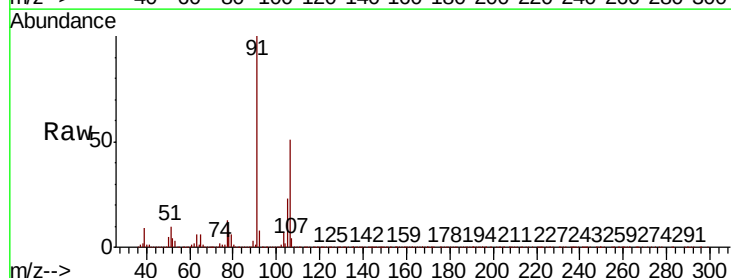
Acq: 25 Nov 2019 20:39

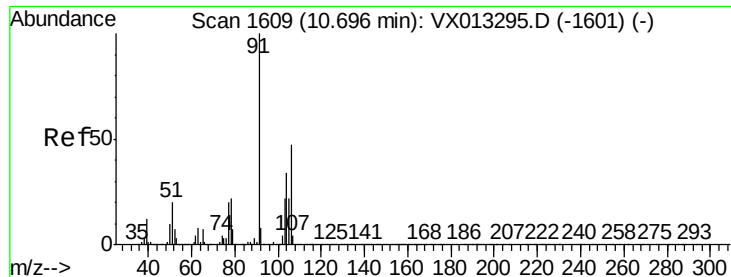
Tgt Ion: 106 Resp: 1171425

Ion Ratio Lower Upper

106 100

91 199.6 159.3 238.9





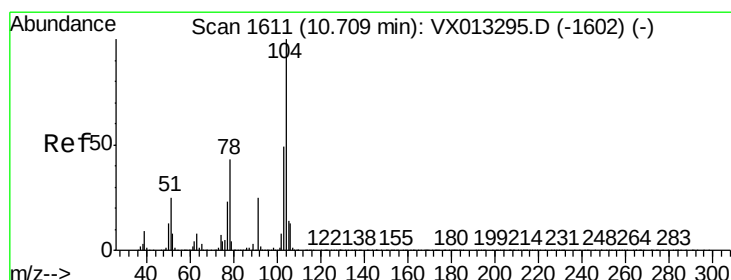
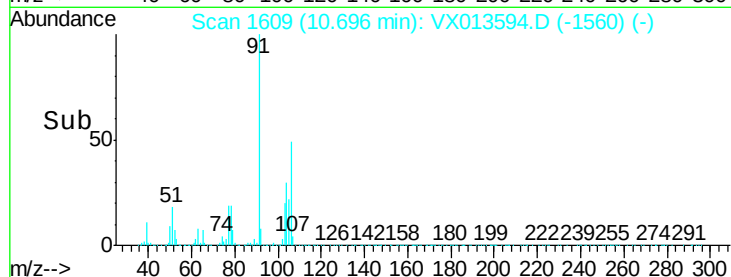
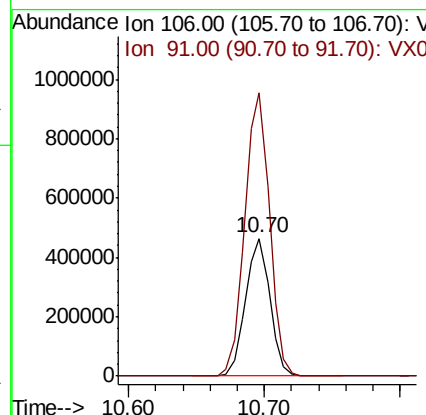
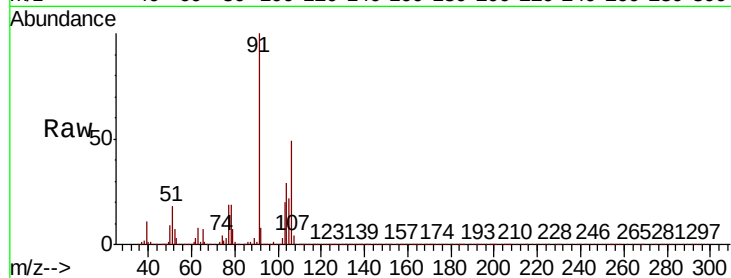
#69
o-Xylene
Concen: 50.334 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 580406
Ion Ratio Lower Upper
106 100
91 208.8 105.7 317.0

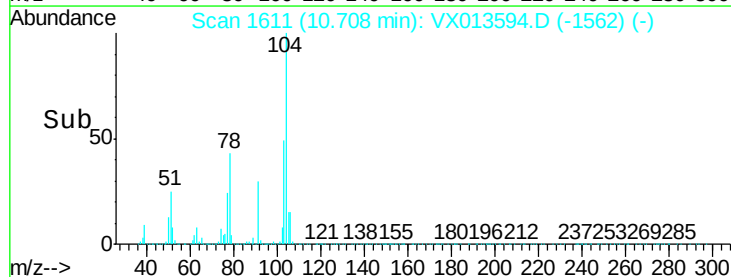
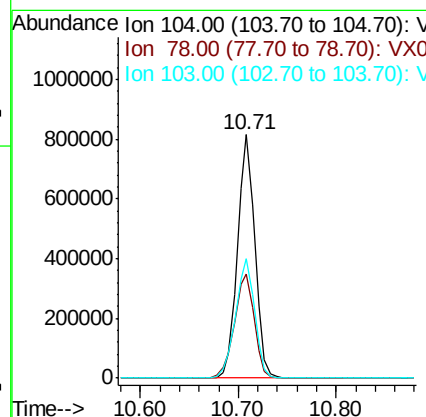
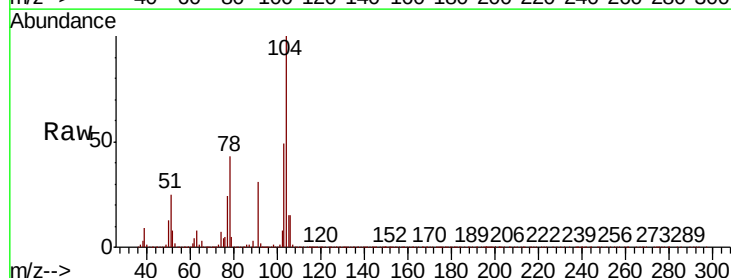
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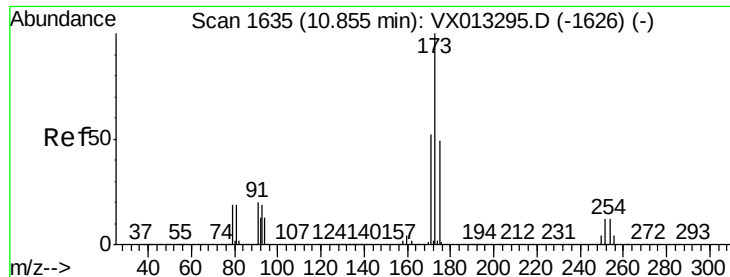
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#70
Styrene
Concen: 52.155 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion:104 Resp: 1005327
Ion Ratio Lower Upper
104 100
78 49.0 40.0 60.0
103 53.8 44.1 66.1





#71

Bromoform

Concen: 46.838 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

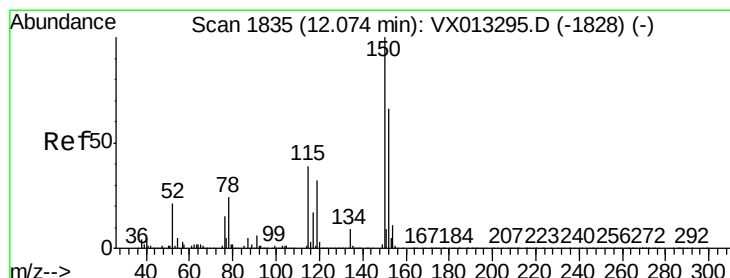
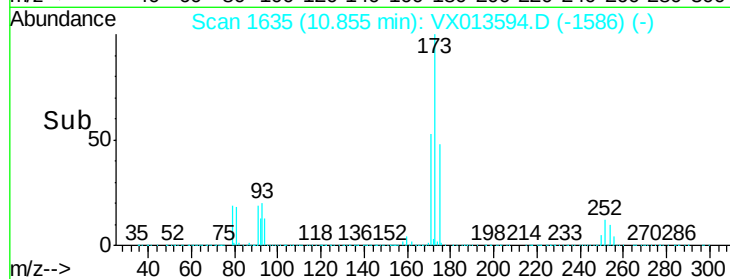
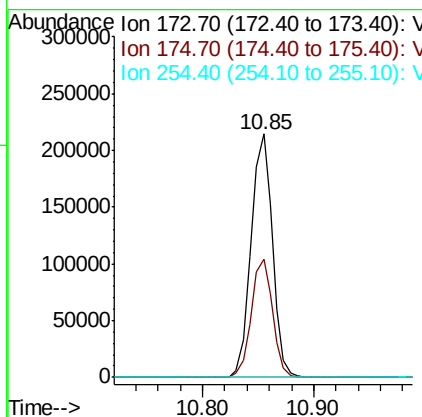
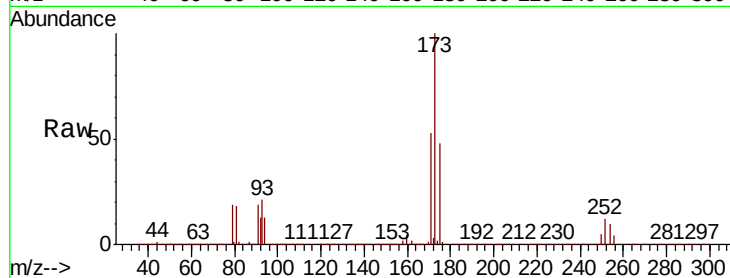
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	286408
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.8	74.4
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

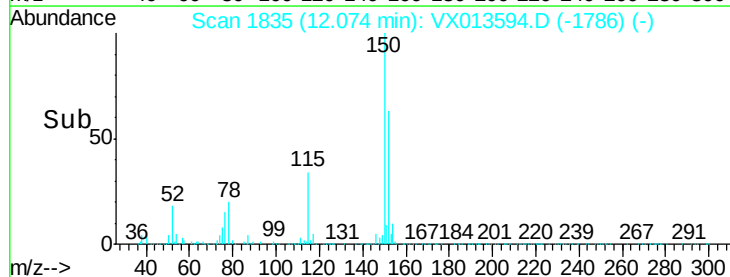
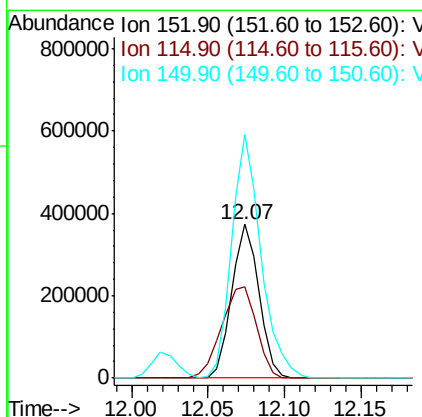
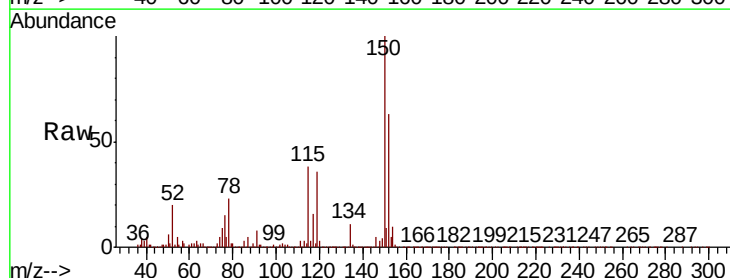
RT: 12.07 min Scan# 1835

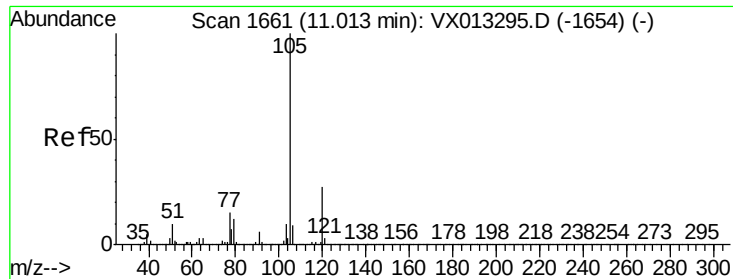
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	152	Resp:	457245
Ion Ratio	Lower	Upper	
152	100		
115	76.7	39.5	118.3
150	171.6	0.0	344.4





#73

Isopropylbenzene

Concen: 50.457 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1529649

Ion Ratio Lower Upper

105 100

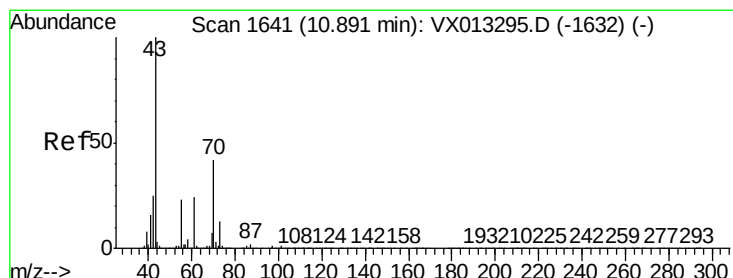
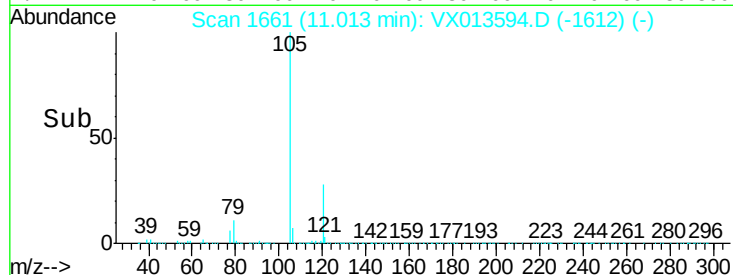
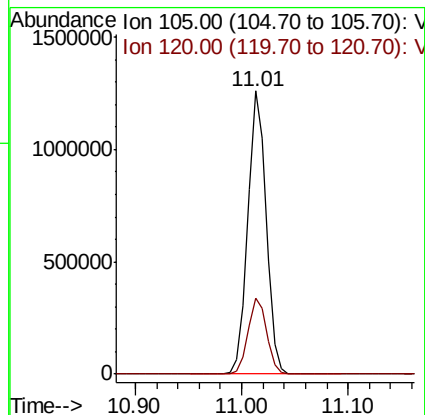
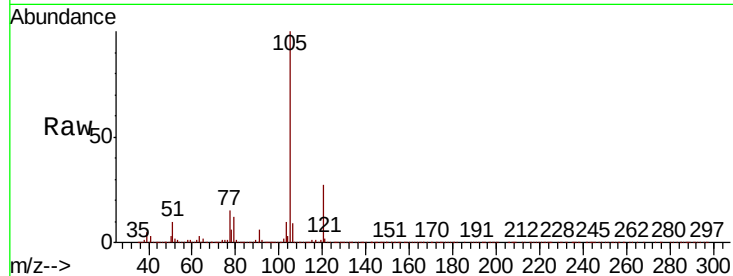
120 27.3 13.5 40.5

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#74

N-ethyl acetate

Concen: 51.948 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion: 43 Resp: 730298

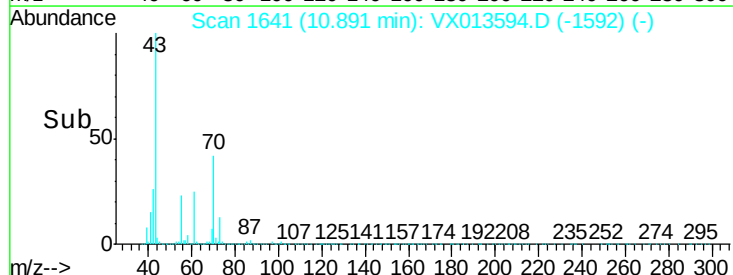
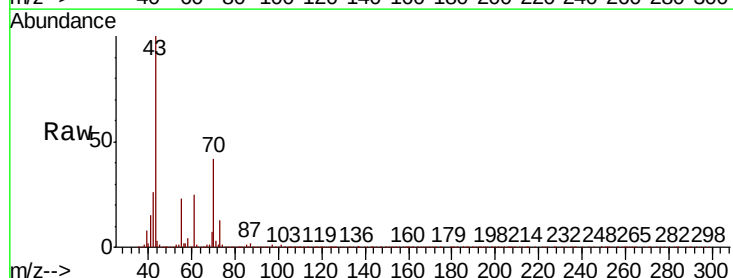
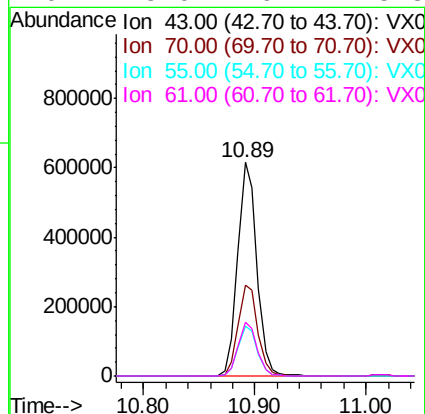
Ion Ratio Lower Upper

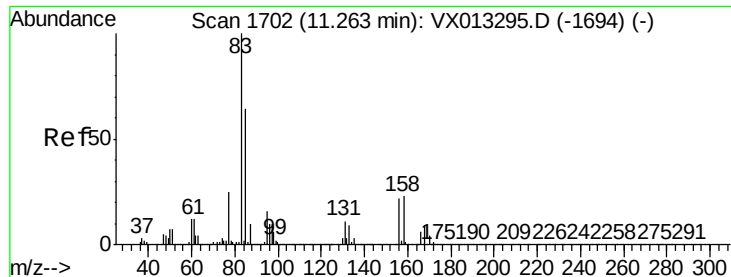
43 100

70 43.8 34.1 51.1

55 23.5 18.9 28.3

61 25.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.494 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

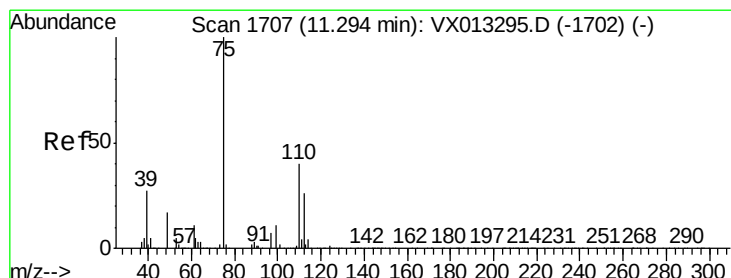
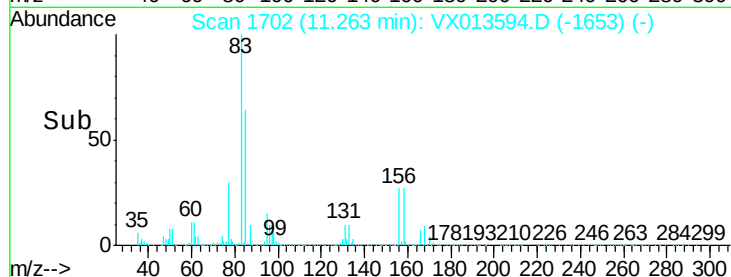
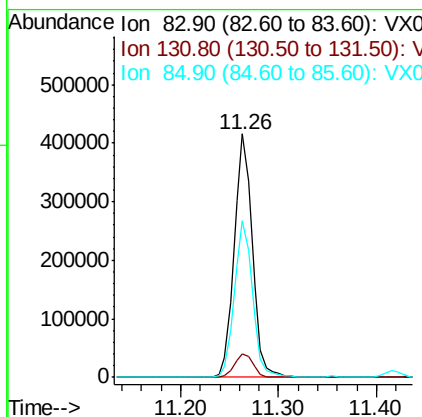
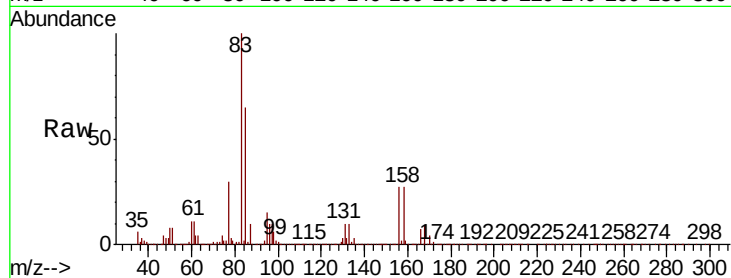
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	536331
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 46.224 ug/l m

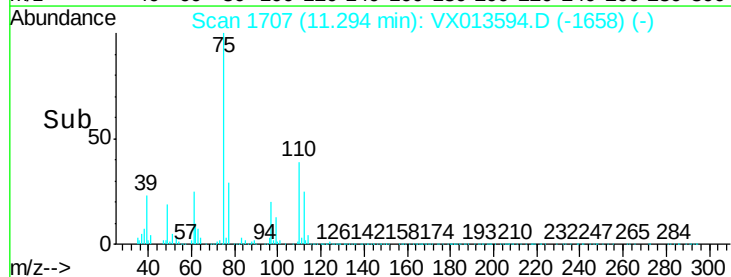
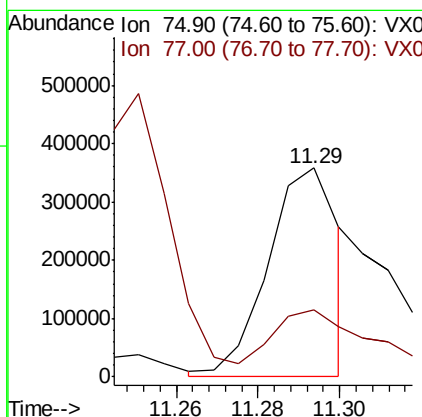
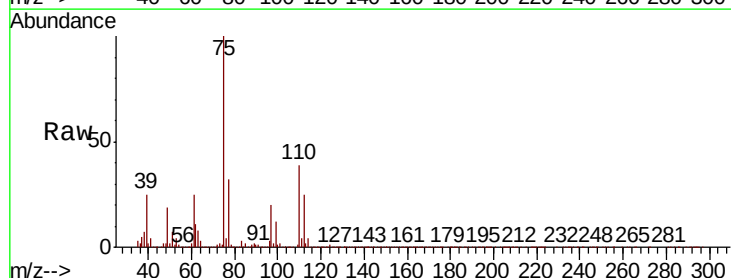
RT: 11.29 min Scan# 1707

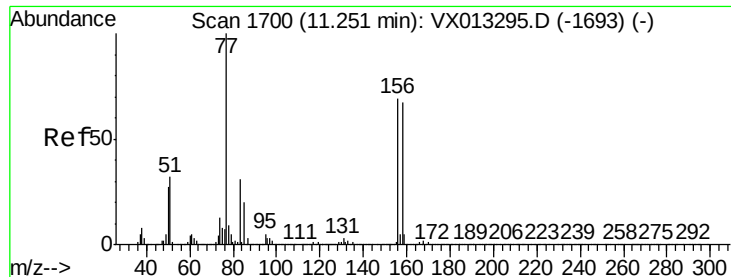
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion:	75	Resp:	429291
Ion Ratio	Lower	Upper	
75	100		
77	46.3	22.3	66.8





#77

Bromobenzene

Concen: 50.203 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

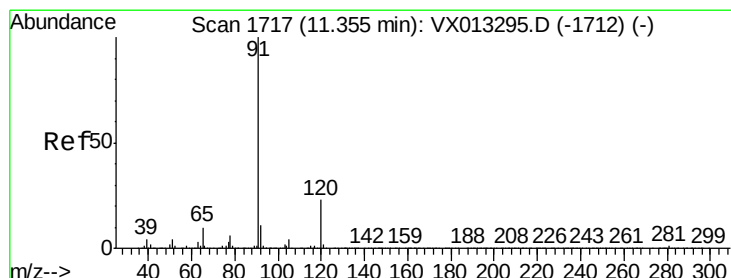
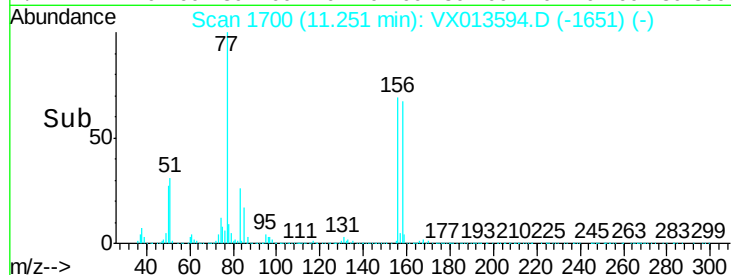
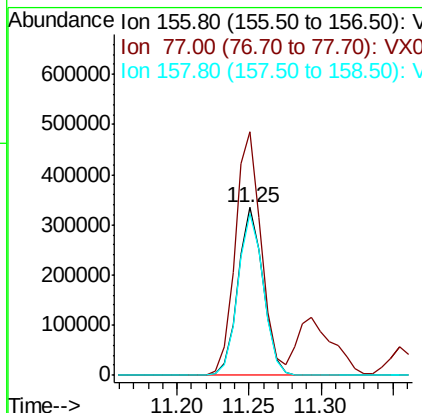
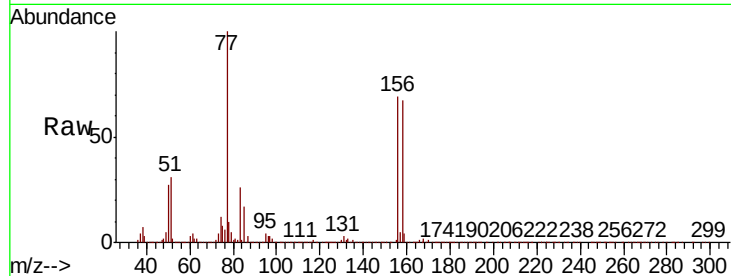
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	150.7		75.8	227.4	
158	97.5		47.6	142.8	

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#78

n-propylbenzene

Concen: 51.050 ug/l

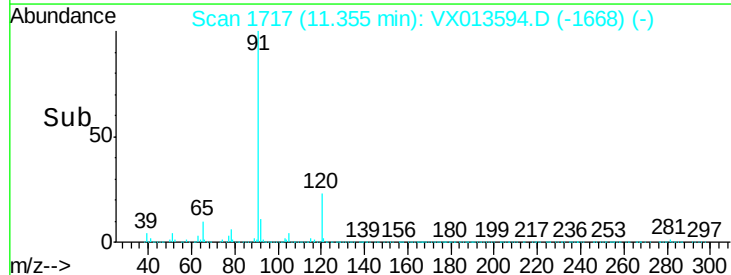
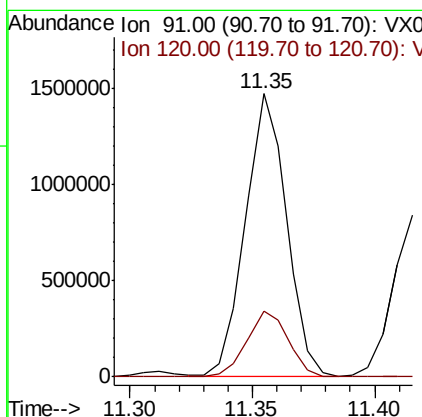
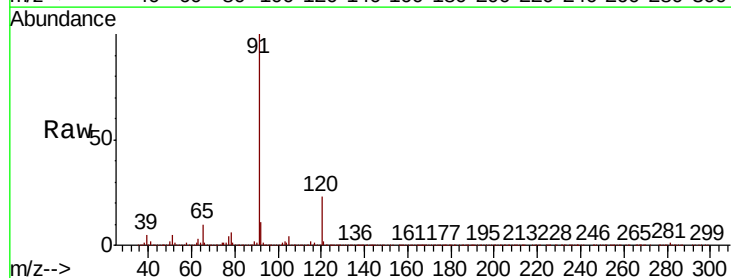
RT: 11.35 min Scan# 1717

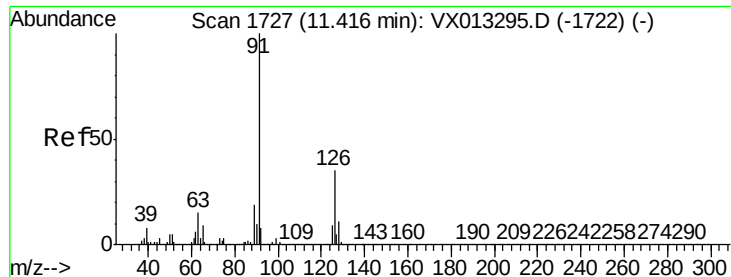
Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.7		11.6	34.8	





#79

2-Chlorotoluene

Concen: 50.828 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1034180

Ion Ratio Lower Upper

91 100

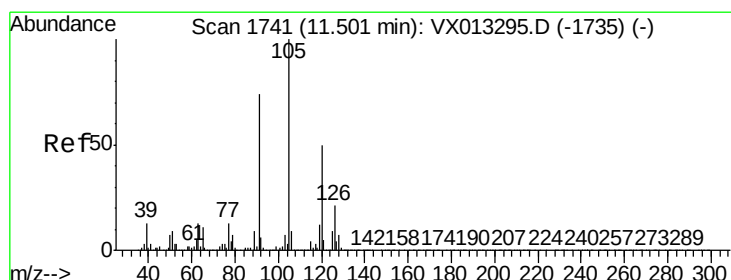
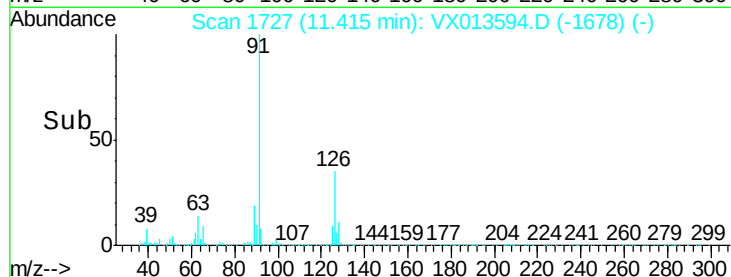
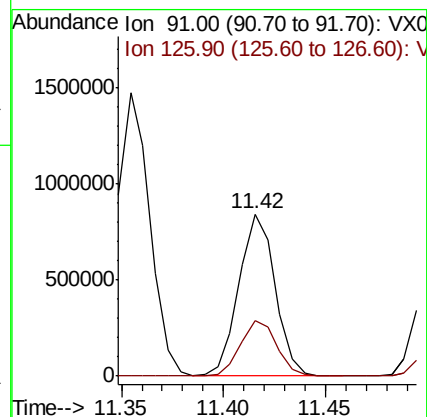
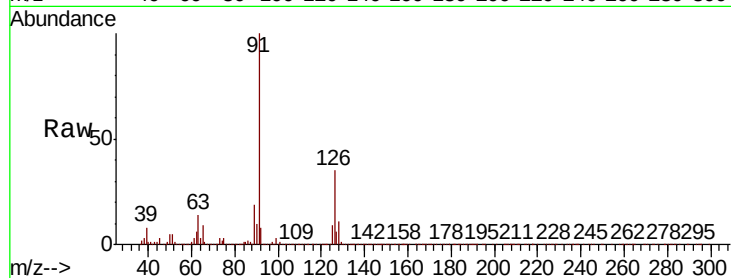
126 34.8 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.684 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013594.D

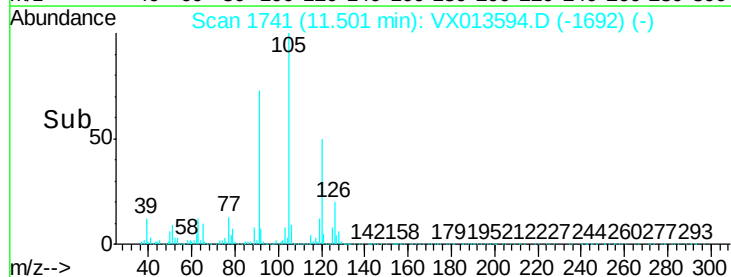
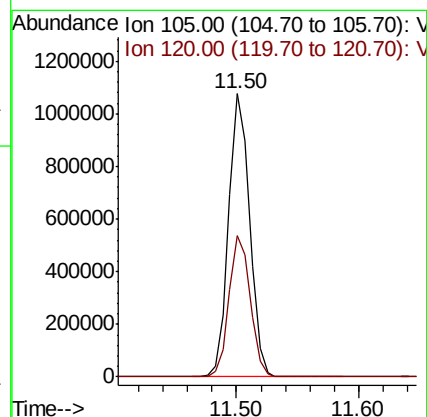
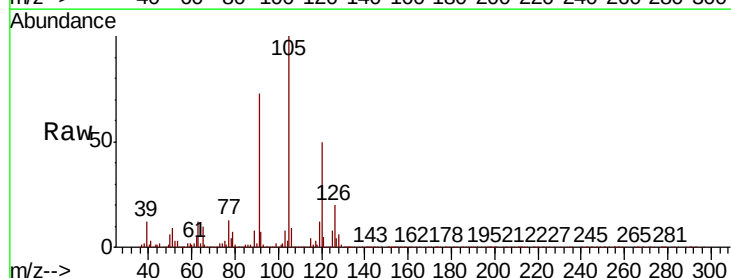
Acq: 25 Nov 2019 20:39

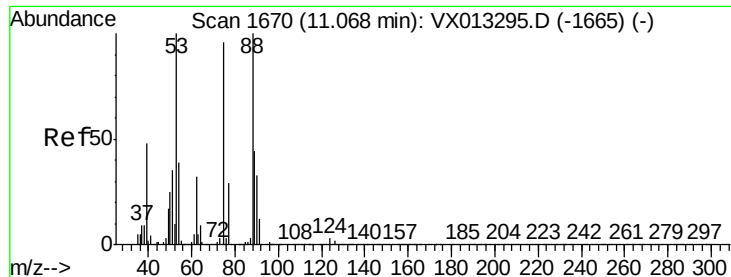
Tgt Ion: 105 Resp: 1279844

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8





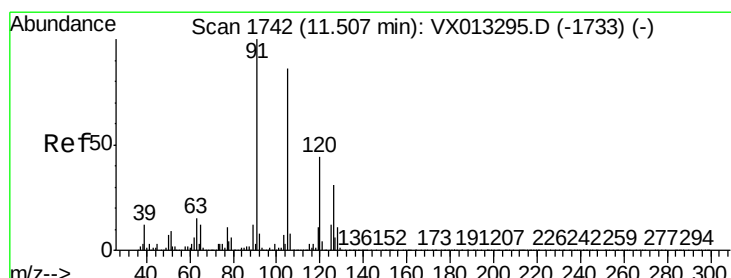
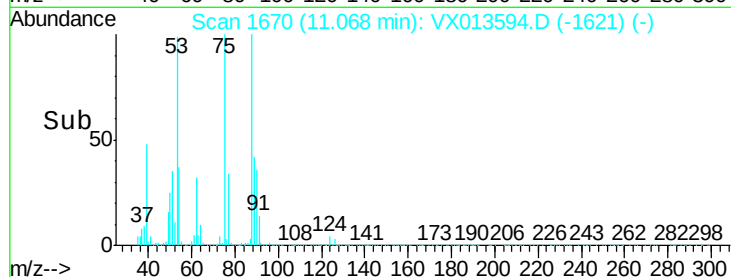
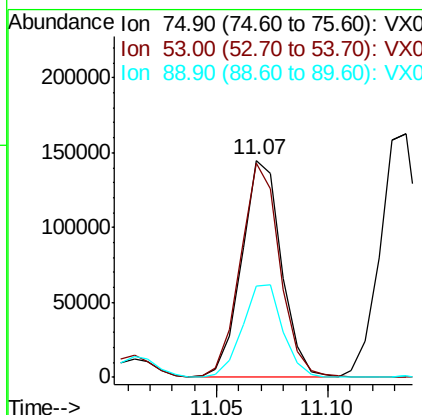
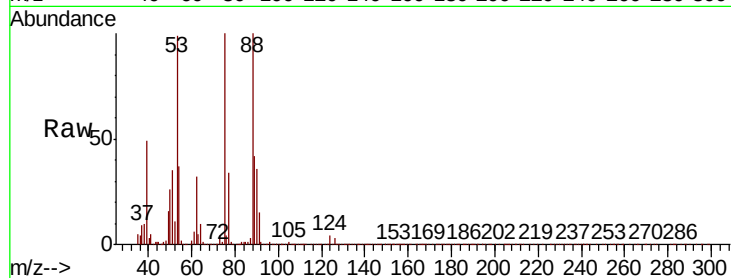
#81
trans-1,4-Dichloro-2-butene
Concen: 49.808 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.8	81.0	121.6
89	44.0	36.0	54.0

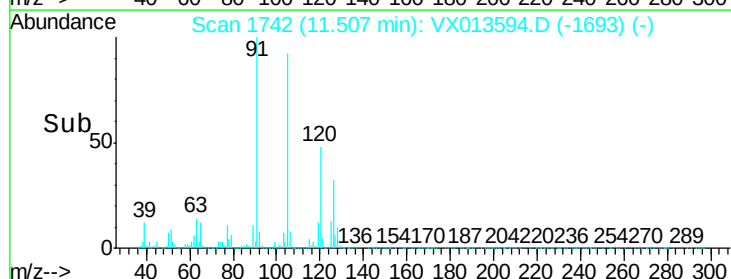
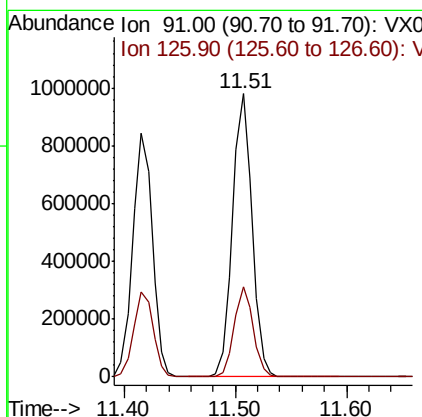
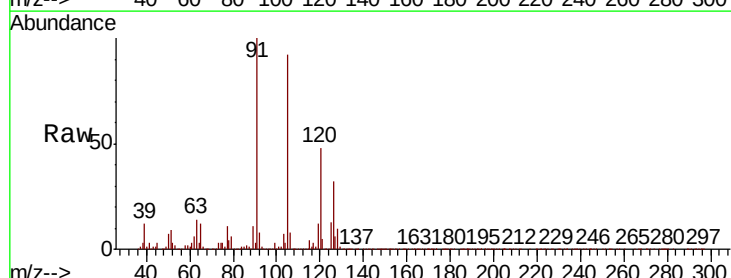
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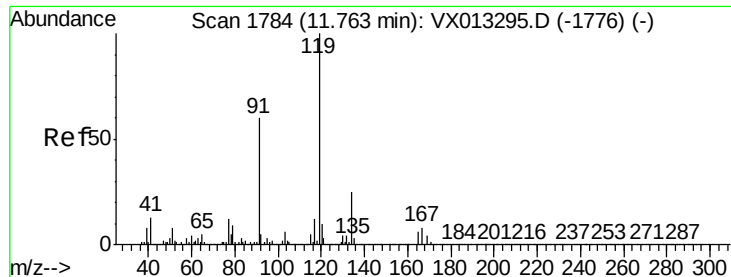
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#82
4-Chlorotoluene
Concen: 50.004 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.3	45.8





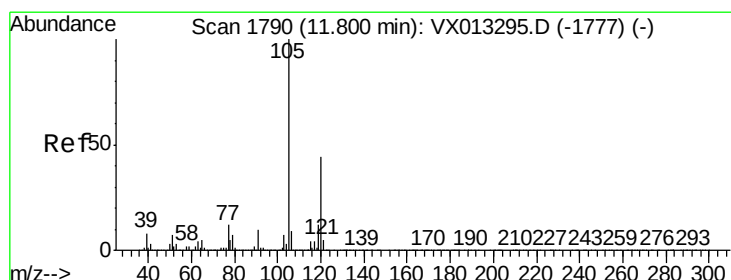
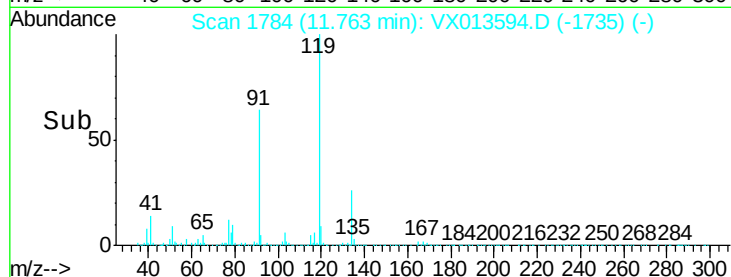
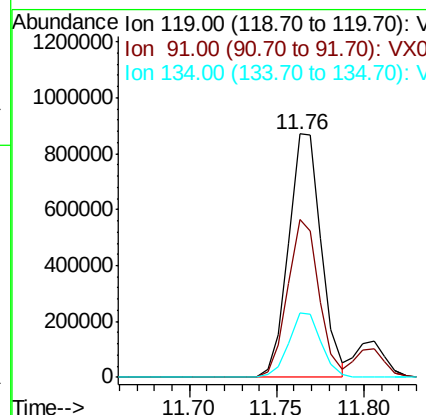
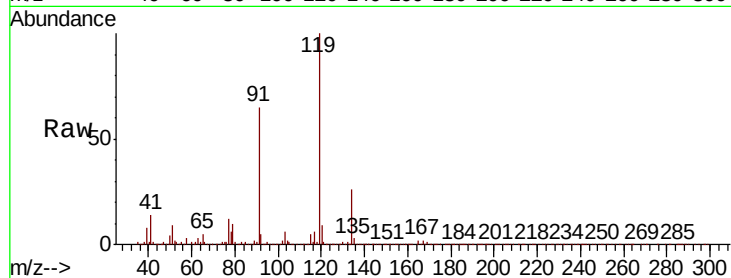
#83
tert-Butylbenzene
Concen: 44.850 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	26.9	80.7
134	26.0	11.7	35.1

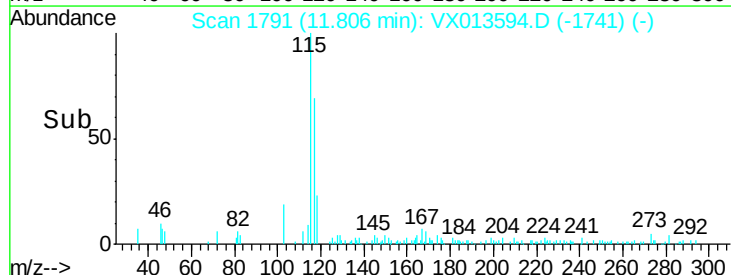
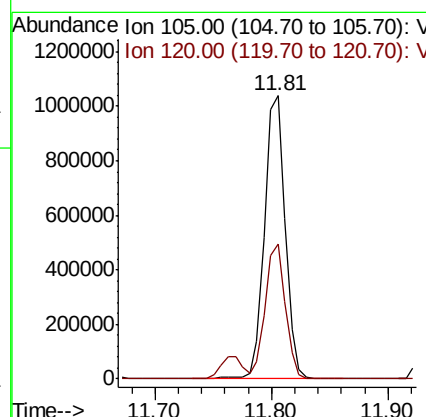
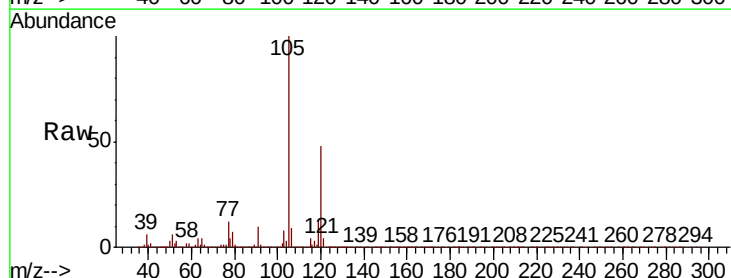
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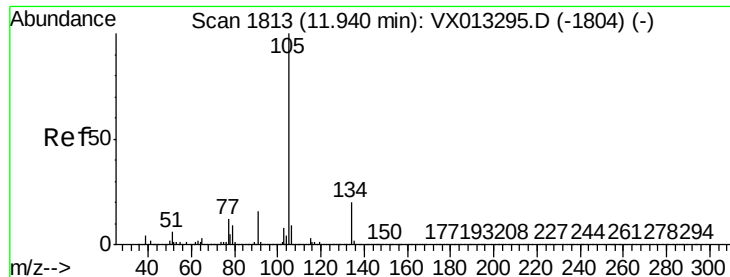
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#84
1,2,4-Trimethylbenzene
Concen: 51.151 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 51.285 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1498269

Ion Ratio Lower Upper

105 100

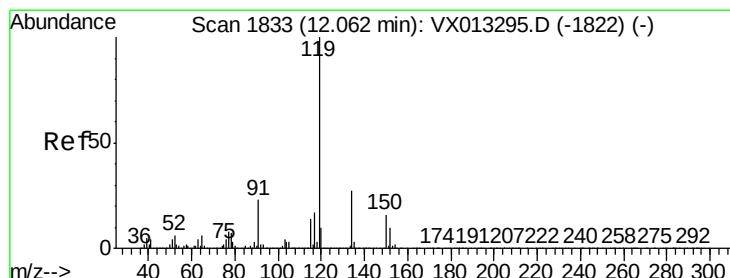
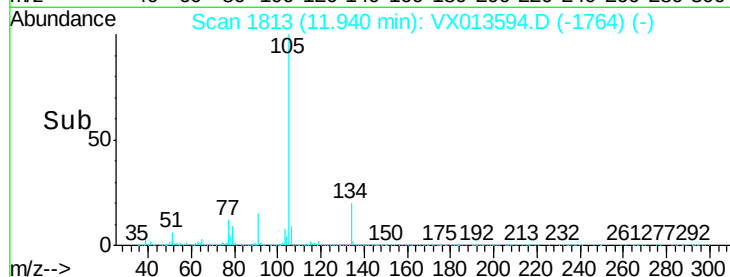
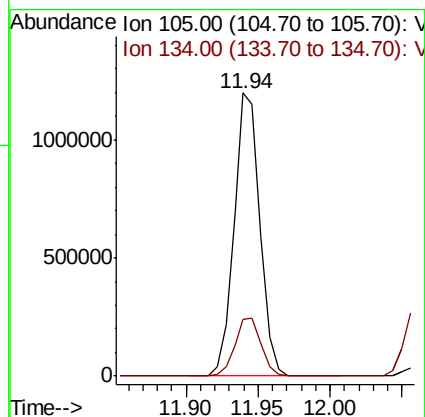
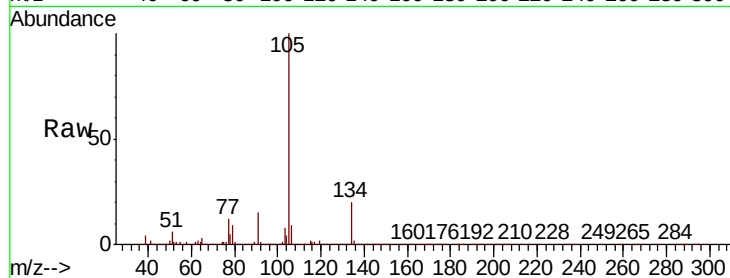
134 20.8 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.945 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013594.D

Acq: 25 Nov 2019 20:39

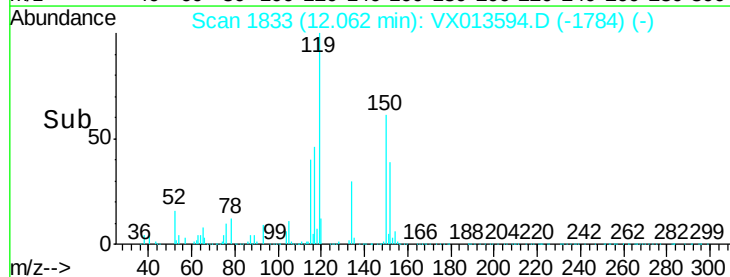
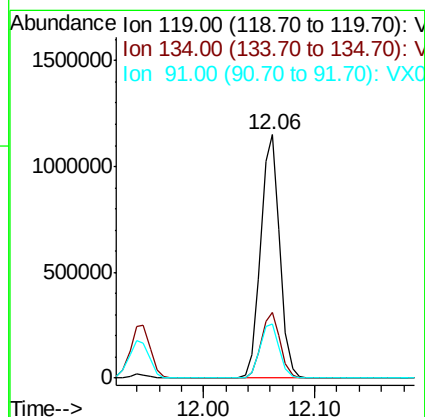
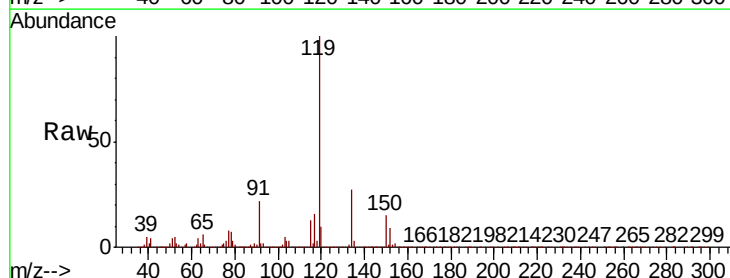
Tgt Ion:119 Resp: 1370486

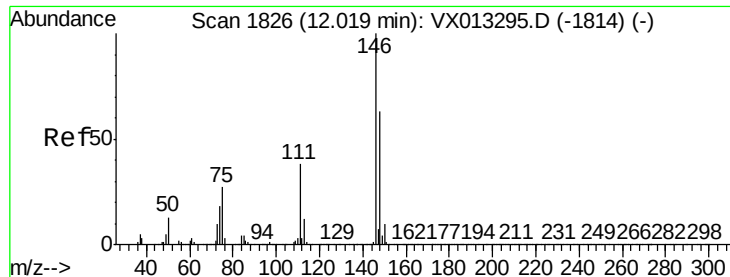
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.7 11.5 34.4





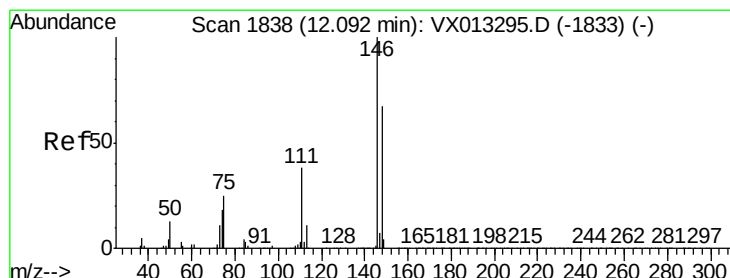
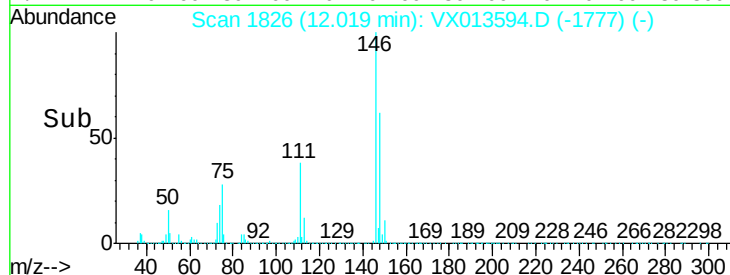
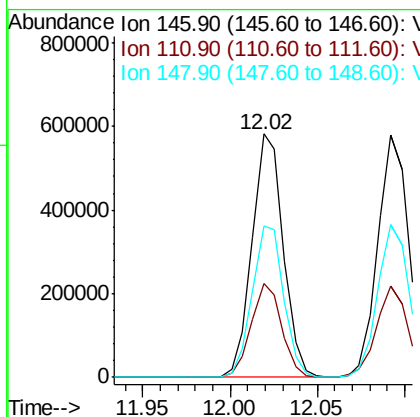
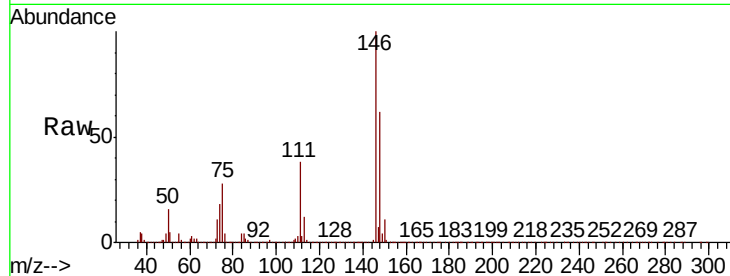
#87
 1,3-Dichlorobenzene
 Concen: 50.114 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	63.1	31.9	95.7

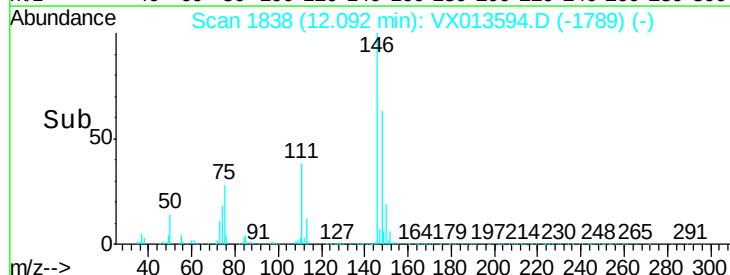
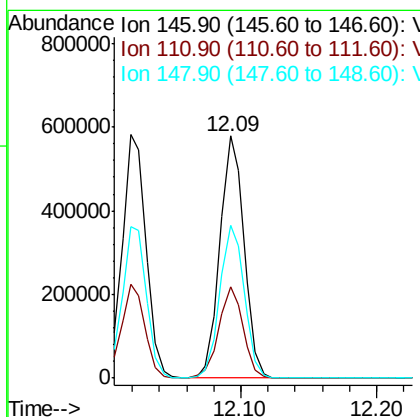
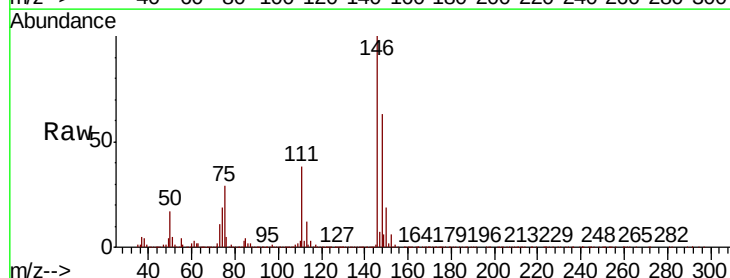
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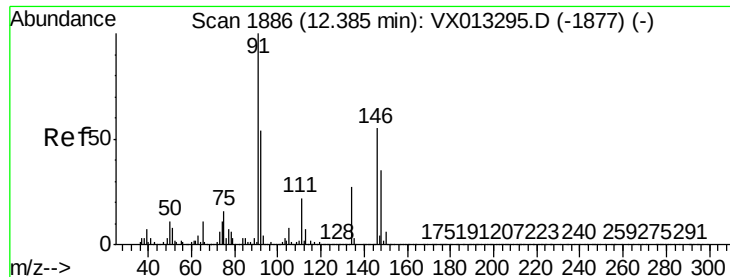
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#88
 1,4-Dichlorobenzene
 Concen: 48.434 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.2	32.4	97.0





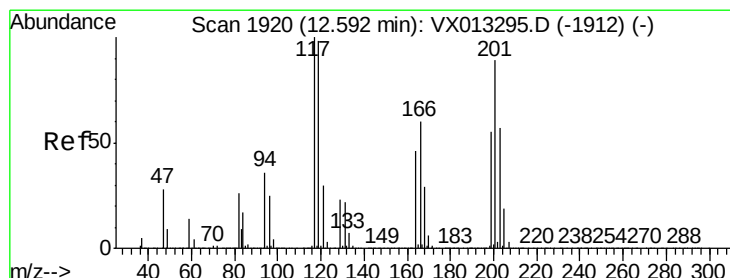
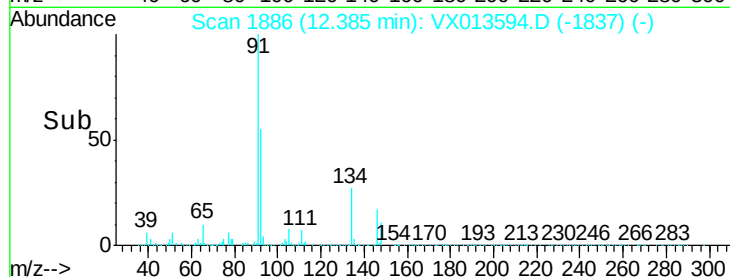
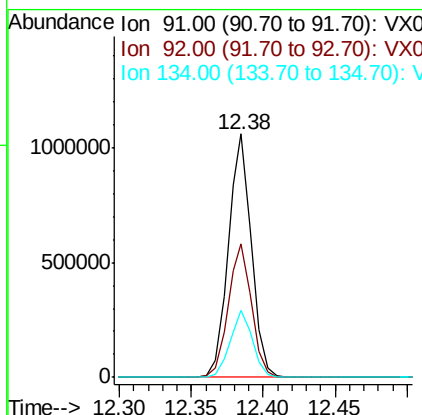
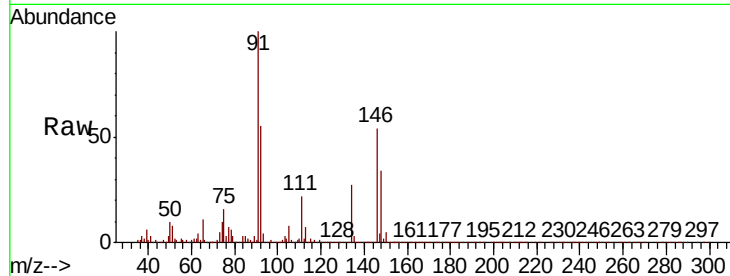
#89
n-Butylbenzene
Concen: 50.766 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.8
134	26.9	13.5	40.5

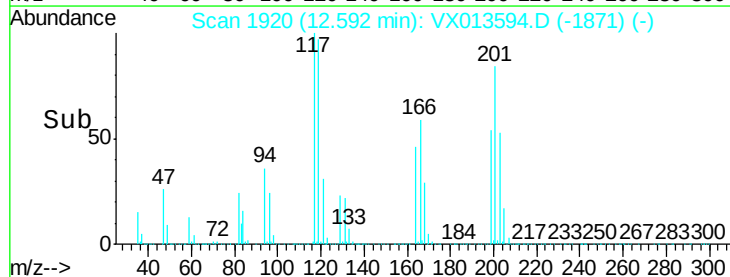
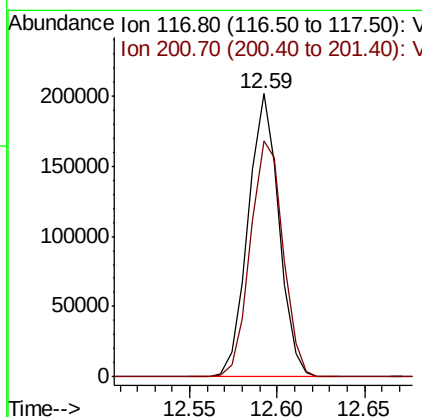
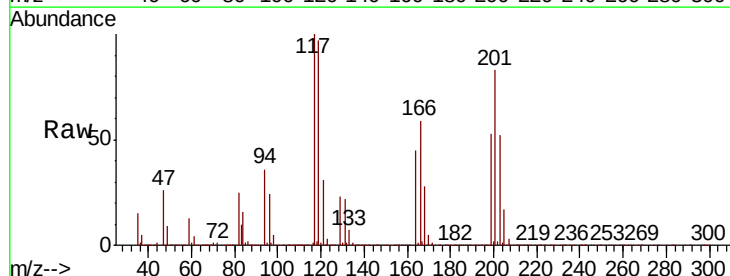
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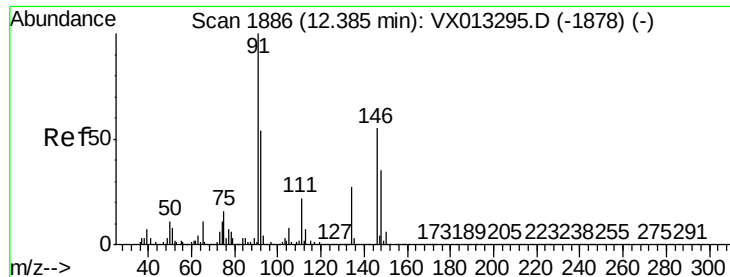
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#90
Hexachloroethane
Concen: 51.265 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	43.9	131.7





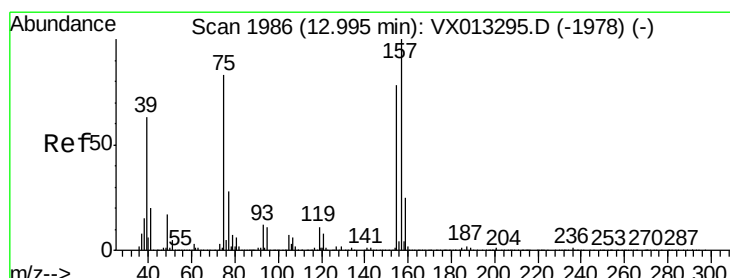
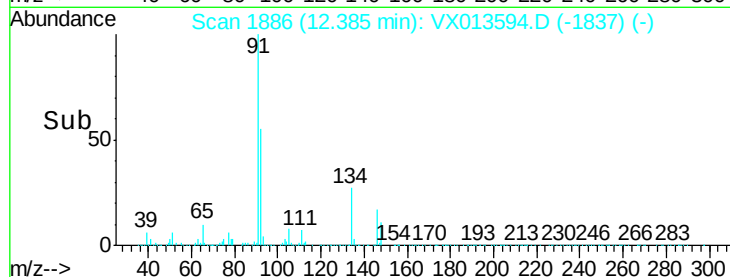
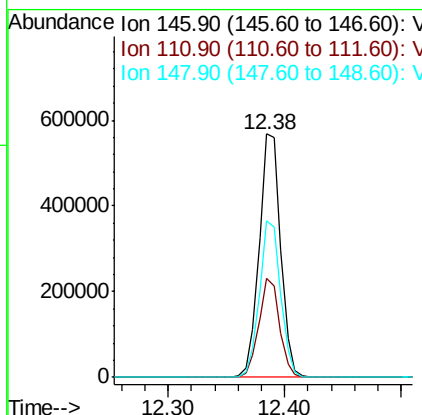
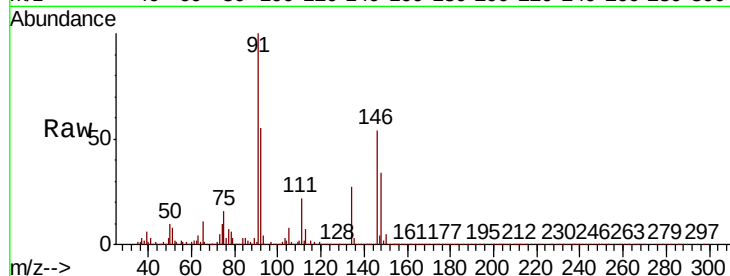
#91
 1,2-Dichlorobenzene
 Concen: 50.821 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	731840		
111	39.0	20.1	60.2	
148	63.6	32.0	96.0	

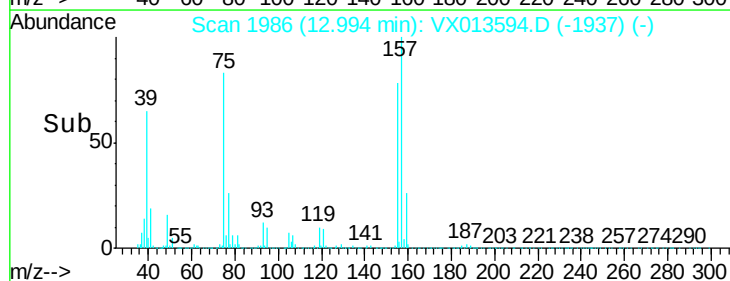
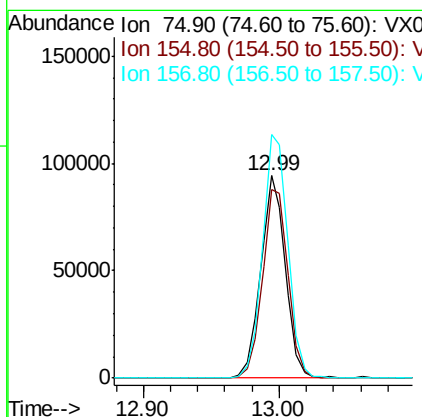
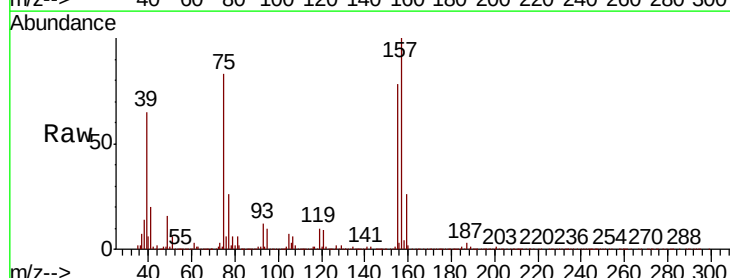
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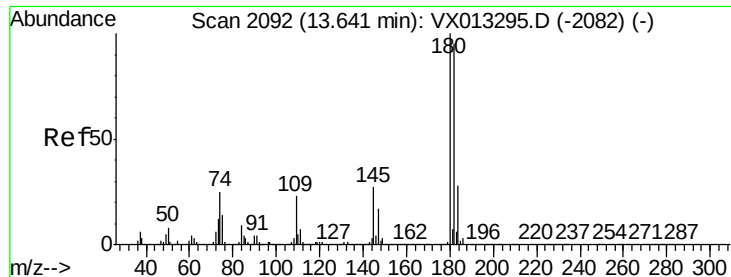
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.262 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	119265		
155	96.6	47.1	141.4	
157	125.4	61.3	183.8	





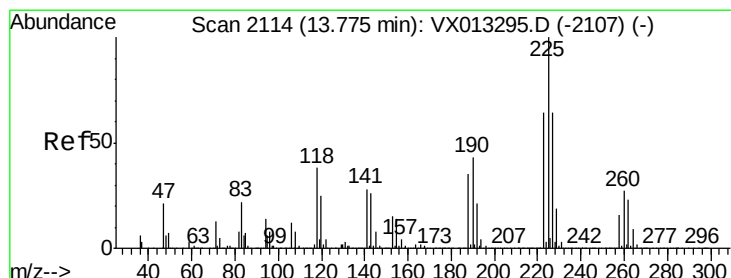
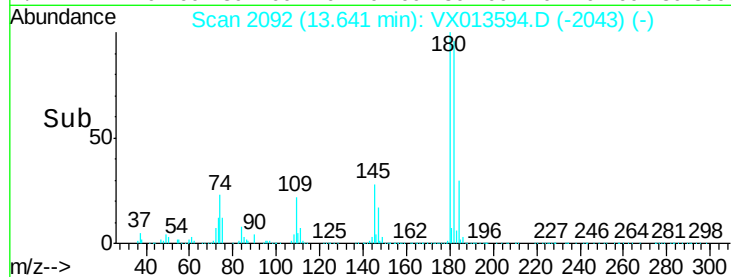
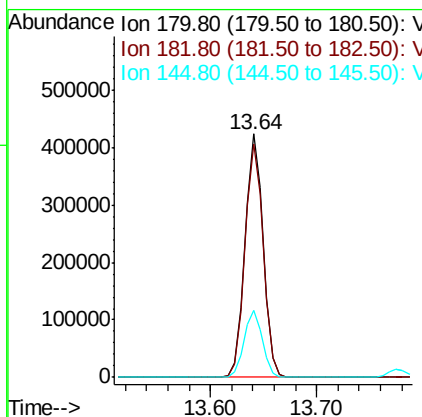
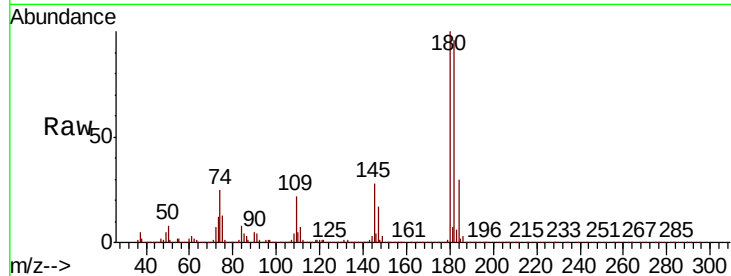
#93
 1,2,4-Trichlorobenzene
 Concen: 50.526 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	507520		
182	97.1	48.4	145.0	
145	27.9	14.1	42.4	

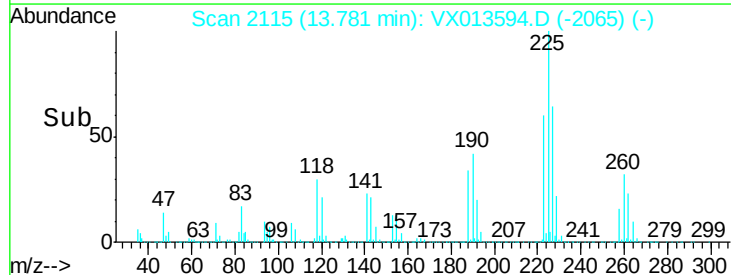
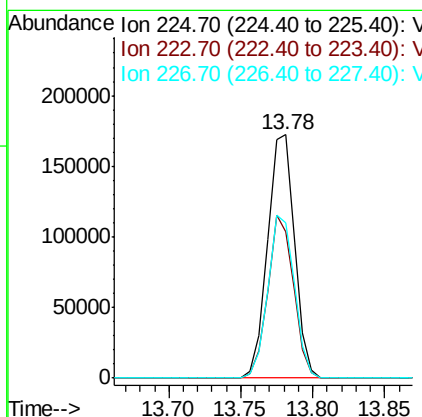
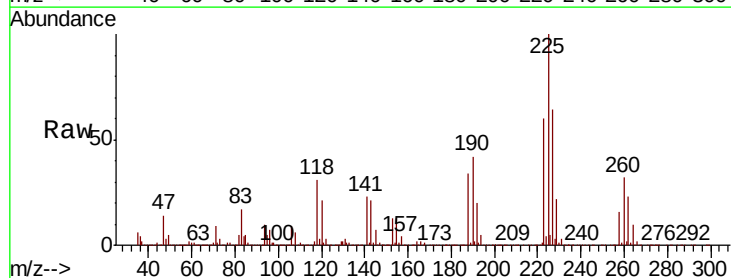
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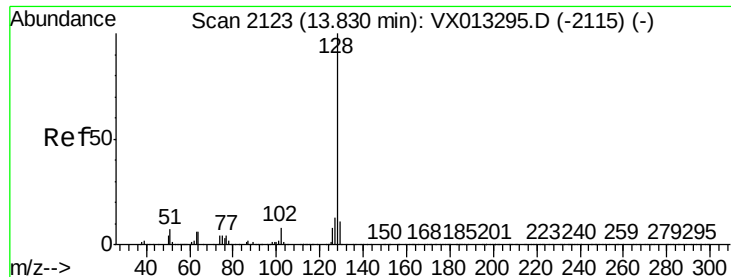
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#94
 Hexachlorobutadiene
 Concen: 45.468 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013594.D
 Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	223441		
223	63.6	31.9	95.7	
227	65.9	31.9	95.9	





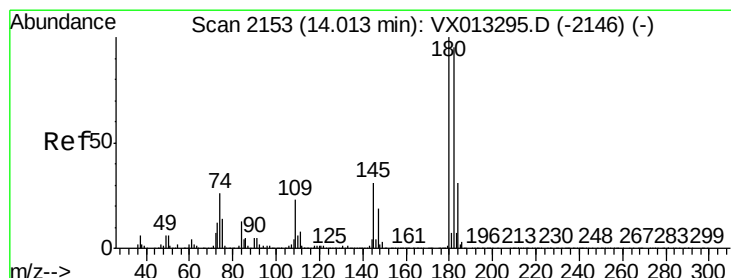
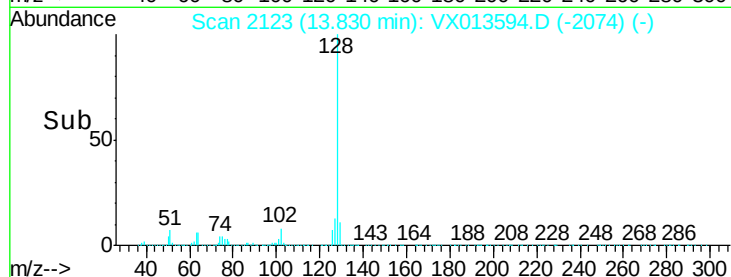
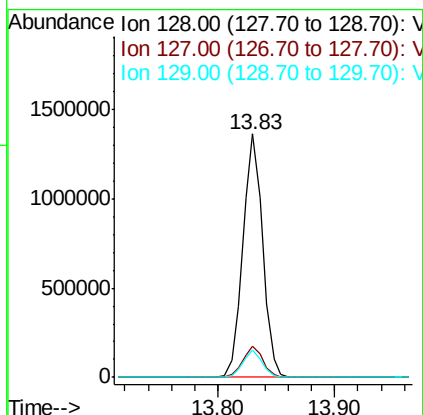
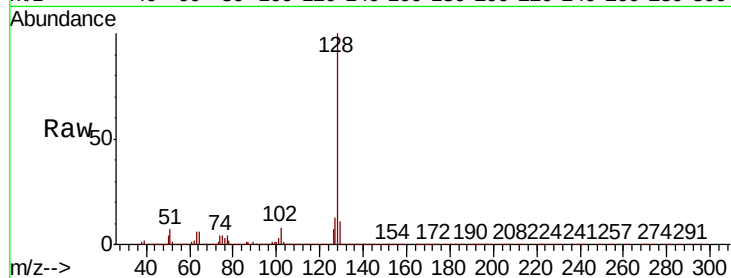
#95
Naphthalene
Concen: 51.343 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.5	12.7

Manual Integrations
APPROVED

apatel
11/27/2019 12:30:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.589 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013594.D
Acq: 25 Nov 2019 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.2
145	29.9	15.4	46.4

