

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014161.D
 Acq On : 20 Dec 2019 08:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/20/2019 5:27:02 PM

Quant Time: Dec 20 14:03:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	510081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	814611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	731644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	306948	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	5.49	113	253388	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	8.71	98	973610	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	344574	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	203554	44.606	ug/l	99
3) Chloromethane	1.32	50	278625	45.497	ug/l	100
4) Vinyl Chloride	1.40	62	305401	47.261	ug/l	99
5) Bromomethane	1.63	94	167721	36.569	ug/l	100
6) Chloroethane	1.72	64	199427	50.004	ug/l	92
7) Trichlorofluoromethane	1.92	101	393698	49.216	ug/l	99
8) Diethyl Ether	2.18	74	183749	48.944	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	224502	46.558	ug/l	99
10) Methyl Iodide	2.50	142	237267	37.977	ug/l	99
11) Tert butyl alcohol	3.03	59	309520	247.783	ug/l	99
12) 1,1-Dichloroethene	2.36	96	240405	48.996	ug/l	98
13) Acrolein	2.28	56	171887	240.383	ug/l	99
14) Allyl chloride	2.72	41	420515	48.000	ug/l	100
15) Acrylonitrile	3.13	53	748112	256.588	ug/l	99
16) Acetone	2.43	43	641415	170.901	ug/l	98
17) Carbon Disulfide	2.56	76	628340	46.186	ug/l	99
18) Methyl Acetate	2.76	43	388848	52.285	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	838425	52.000	ug/l	97
20) Methylene Chloride	2.85	84	281410	47.614	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	260921	48.269	ug/l	99
22) Diisopropyl ether	3.84	45	905567	51.872	ug/l	96
23) Vinyl Acetate	3.80	43	3406222	239.090	ug/l	100
24) 1,1-Dichloroethane	3.69	63	482450	49.671	ug/l	99
25) 2-Butanone	4.65	43	1057923	228.632	ug/l	100
26) 2,2-Dichloropropane	4.58	77	253388	33.600	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	305122	49.910	ug/l	96
28) Bromochloromethane	5.00	49	195904	52.423	ug/l	100
29) Tetrahydrofuran	5.11	42	678292	262.080	ug/l	99
30) Chloroform	5.20	83	474566	51.541	ug/l	96
31) Cyclohexane	5.57	56	422214	48.875	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	397255	50.623	ug/l	99
36) 1,1-Dichloropropene	5.79	75	351184	46.984	ug/l	99
37) Ethyl Acetate	4.82	43	416011	50.401	ug/l	100
38) Carbon Tetrachloride	5.78	117	333675	49.004	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	402557	43.618	ug/l	99
40) Benzene	6.14	78	1109174	48.229	ug/l	99
41) Methacrylonitrile	5.03	41	229803	50.178	ug/l	98
42) 1,2-Dichloroethane	6.18	62	379049	48.622	ug/l	99
43) Isopropyl Acetate	6.43	43	688943	50.436	ug/l	100
44) Trichloroethene	7.21	130	301125	47.404	ug/l	97
45) 1,2-Dichloropropane	7.51	63	289220	49.065	ug/l	98
46) Dibromomethane	7.65	93	184427	47.322	ug/l	98
47) Bromodichloromethane	7.89	83	368923	50.263	ug/l	96
48) Methyl methacrylate	7.76	41	336980	50.379	ug/l	99
49) 1,4-Dioxane	7.73	88	142700	1048.335	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2124385	247.636	ug/l	100
52) Toluene	8.78	92	688435	47.359	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	383616	47.665	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	432720	48.261	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283637	48.684	ug/l	99
56) Ethyl methacrylate	9.17	69	465888	50.907	ug/l	99
57) 1,3-Dichloropropane	9.37	76	482583	49.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	908976	262.455	ug/l	99
59) 2-Hexanone	9.48	43	1608514	232.920	ug/l	100
60) Dibromochloromethane	9.57	129	296462	51.192	ug/l	100
61) 1,2-Dibromoethane	9.67	107	298295	50.041	ug/l	100
64) Tetrachloroethene	9.33	164	372425	57.525	ug/l	97
65) Chlorobenzene	10.14	112	750248	48.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	279328	50.288	ug/l	99
67) Ethyl Benzene	10.25	91	1310083	48.984	ug/l	100
68) m/p-Xylenes	10.35	106	995442	96.770	ug/l	100
69) o-Xylene	10.70	106	488367	48.408	ug/l	99
70) Styrene	10.71	104	832922	48.824	ug/l	99
71) Bromoform	10.85	173	228457	51.167	ug/l	99
73) Isopropylbenzene	11.01	105	1280054	50.074	ug/l	100
74) N-amyl acetate	10.89	43	605714	50.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	427777	48.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	405025m	51.384	ug/l	
77) Bromobenzene	11.25	156	337361	47.965	ug/l	98
78) n-propylbenzene	11.35	91	1431911	49.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	846924	48.590	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1059483	49.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124748	44.670	ug/l	98
82) 4-Chlorotoluene	11.51	91	973784	48.163	ug/l	100
83) tert-Butylbenzene	11.76	119	967966	46.232	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1072279	49.769	ug/l	100
85) sec-Butylbenzene	11.94	105	1217892	49.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	1111962	49.182	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	585643	47.510	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	583816	46.579	ug/l	100
89) n-Butylbenzene	12.38	91	921900	47.788	ug/l	99
90) Hexachloroethane	12.59	117	197715	48.686	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	594082	47.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	94574	48.221	ug/l	99

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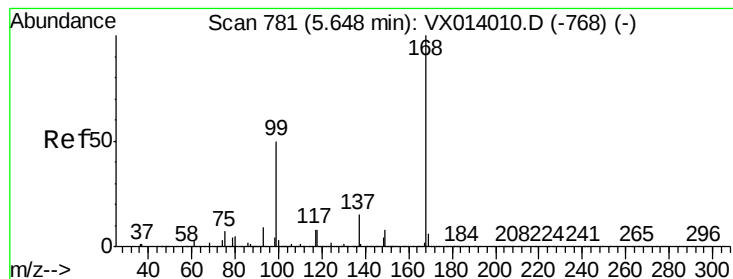
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	392481	48.663	ug/l	99
94) Hexachlorobutadiene	13.77	225	177090	45.687	ug/l	99
95) Naphthalene	13.83	128	1274013	53.764	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	390290	49.021	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: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 168 Resp: 510081

Ion Ratio Lower Upper

168 100

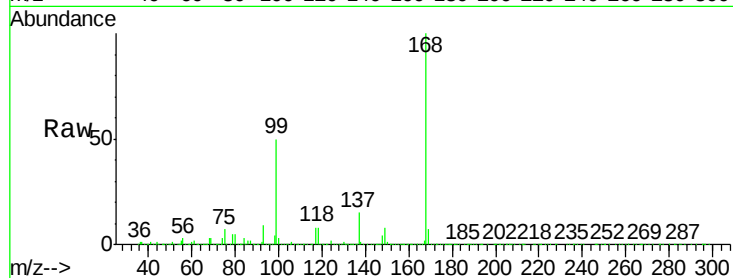
99 49.7 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

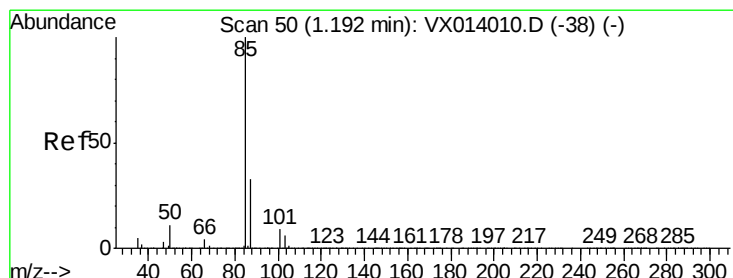
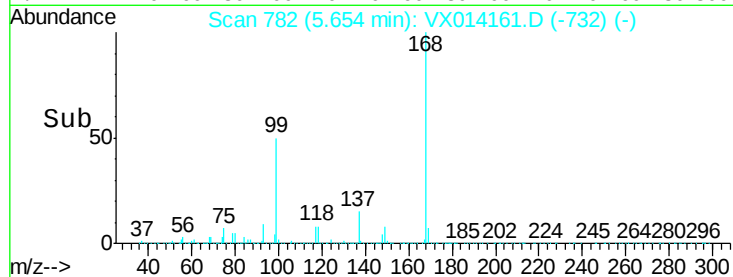
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.606 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014161.D

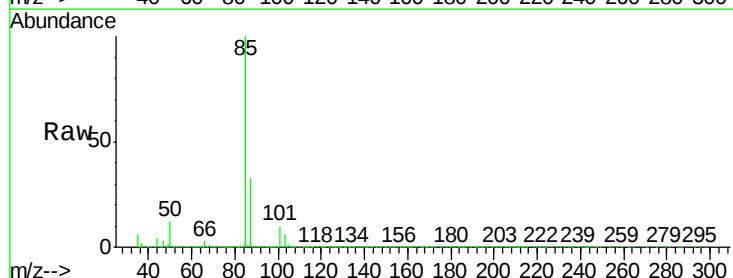
Acq: 20 Dec 2019 08:22

Tgt Ion: 85 Resp: 203554

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

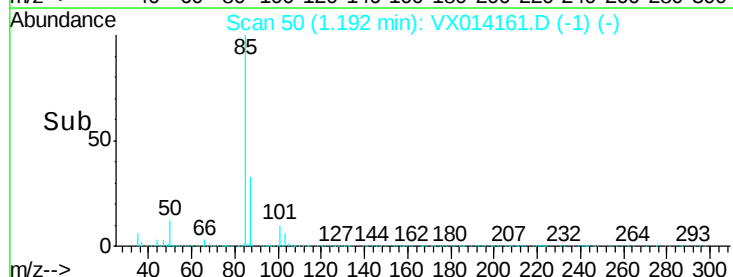
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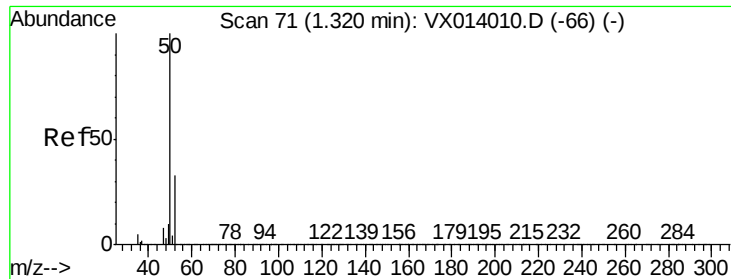
100000

50000

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Time-->





#3

Chloromethane

Concen: 45.497 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 278625

Ion Ratio Lower Upper

50 100

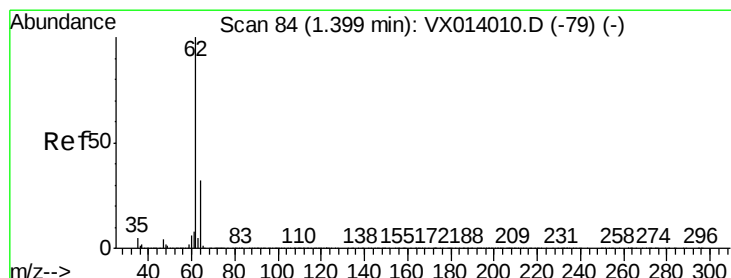
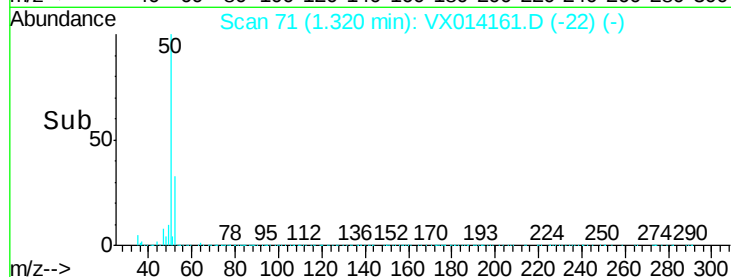
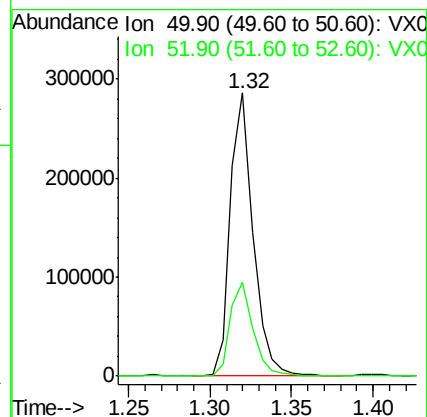
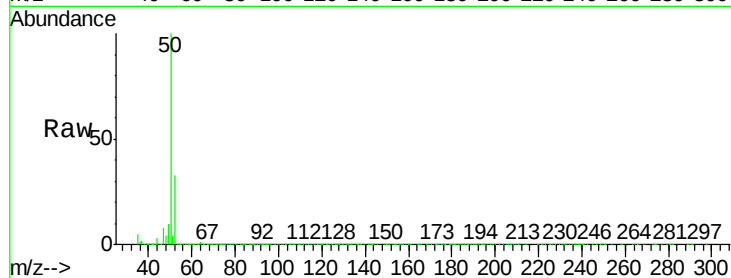
52 33.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.261 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014161.D

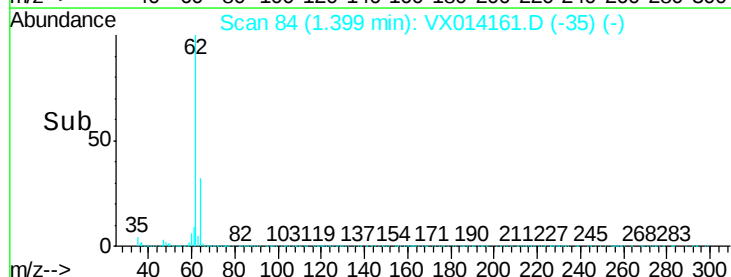
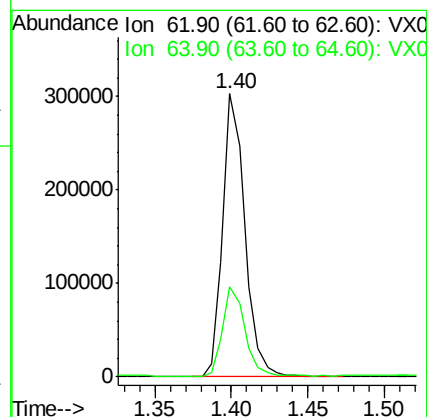
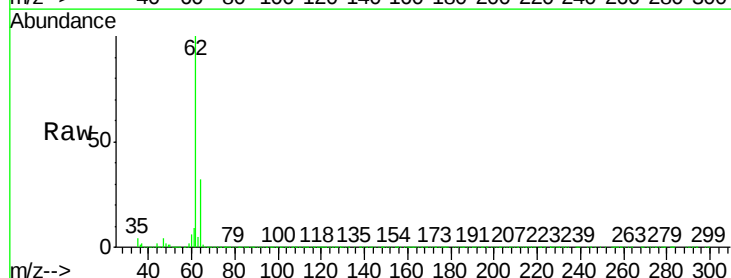
Acq: 20 Dec 2019 08:22

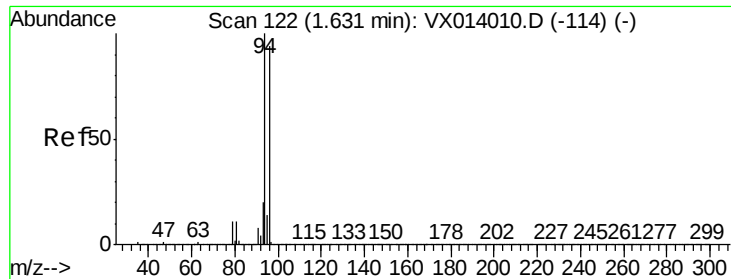
Tgt Ion: 62 Resp: 305401

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 36.569 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 167721

Ion Ratio Lower Upper

94 100

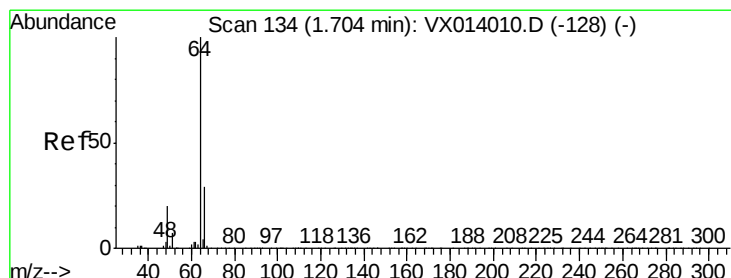
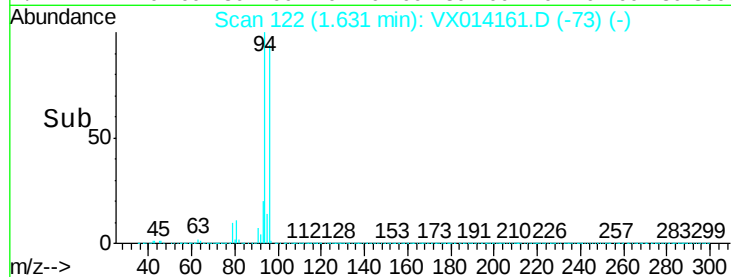
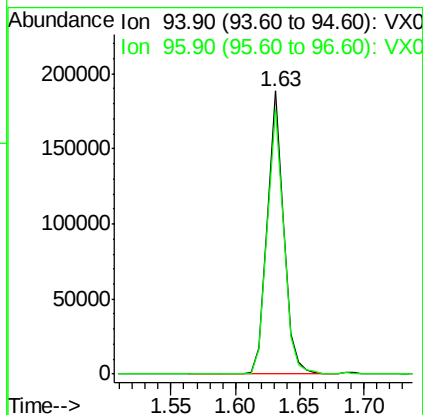
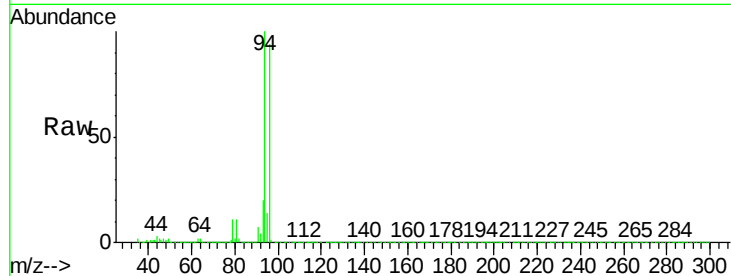
96 93.6 75.2 112.8

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#6

Chloroethane

Concen: 50.004 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014161.D

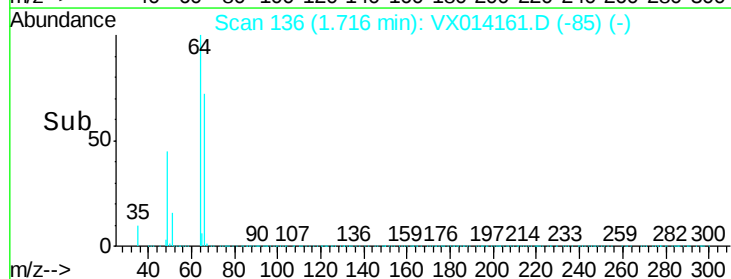
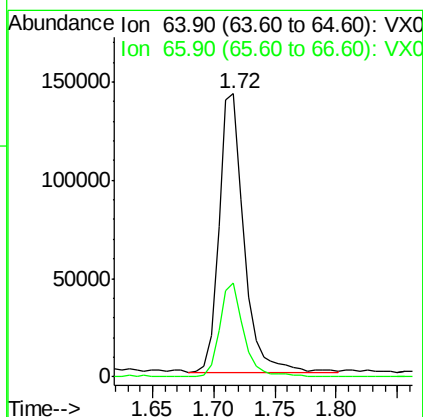
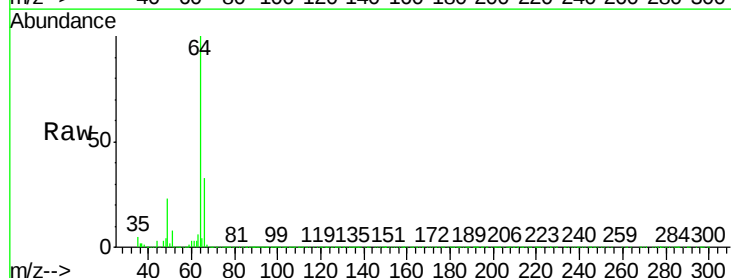
Acq: 20 Dec 2019 08:22

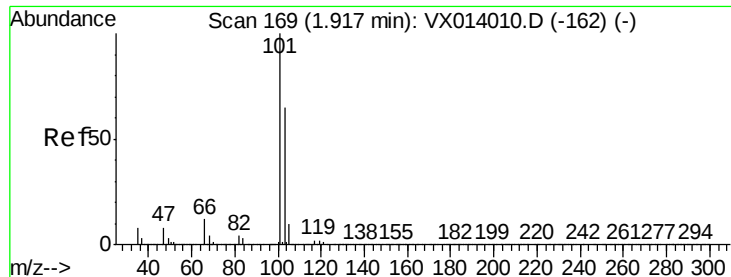
Tgt Ion: 64 Resp: 199427

Ion Ratio Lower Upper

64 100

66 33.5 23.4 35.2





#7

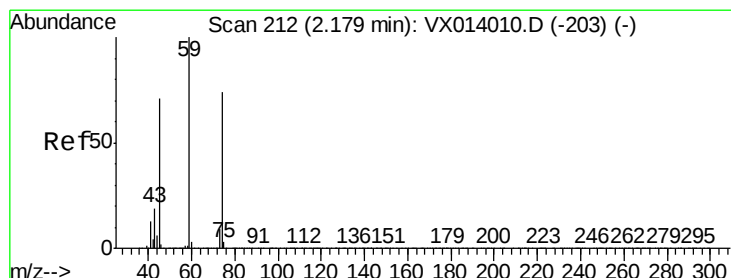
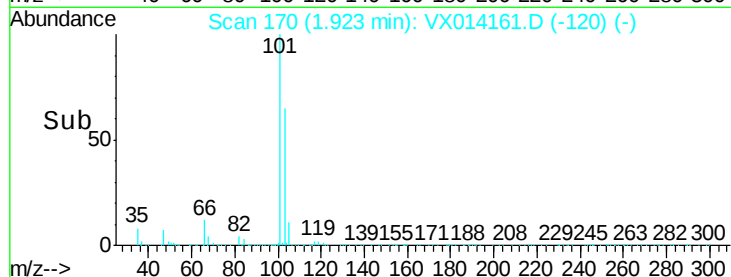
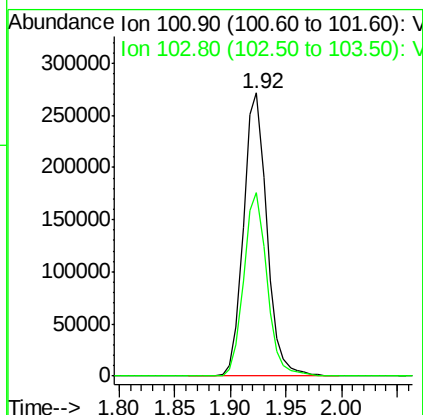
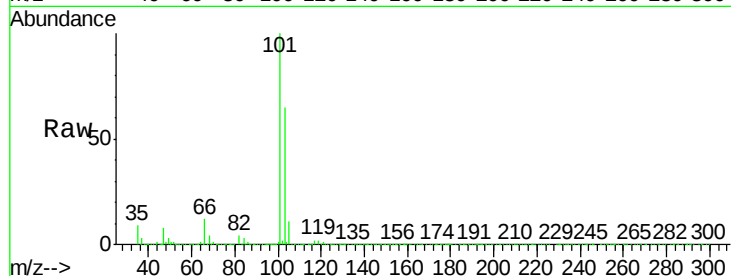
Trichlorofluoromethane
Concen: 49.216 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

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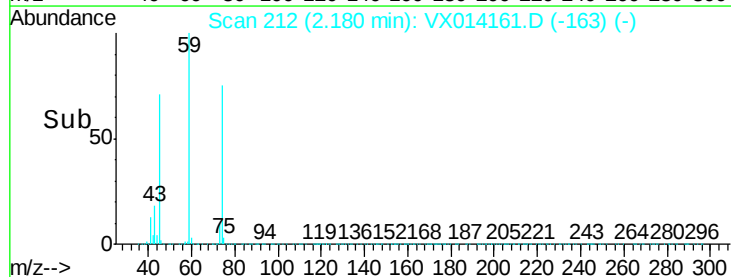
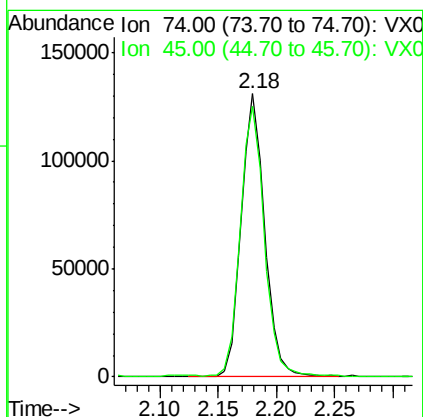
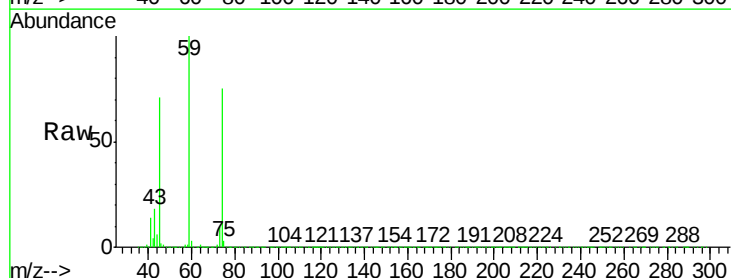
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#8

Diethyl Ether
Concen: 48.944 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.558 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

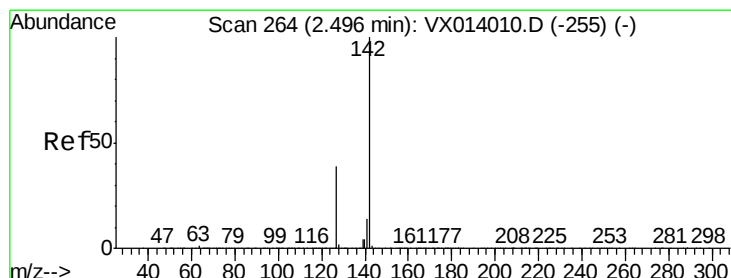
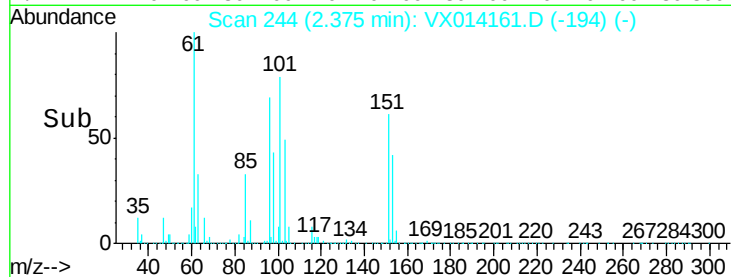
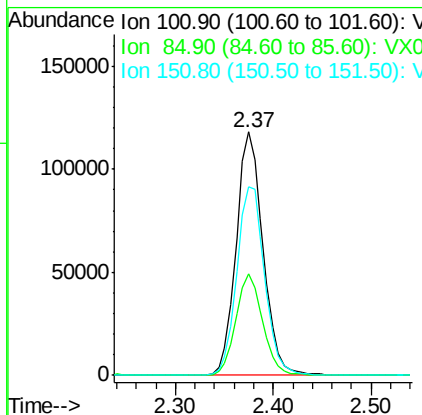
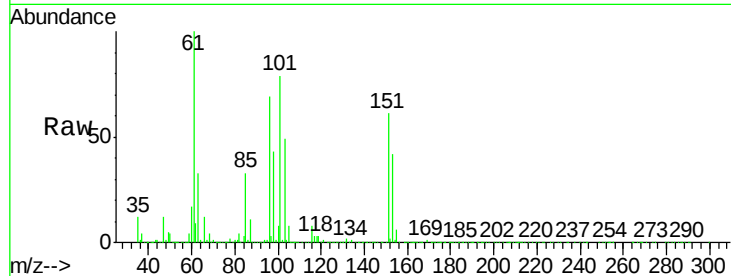
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	224502
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.7	50.5
151	80.3	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 37.977 ug/l

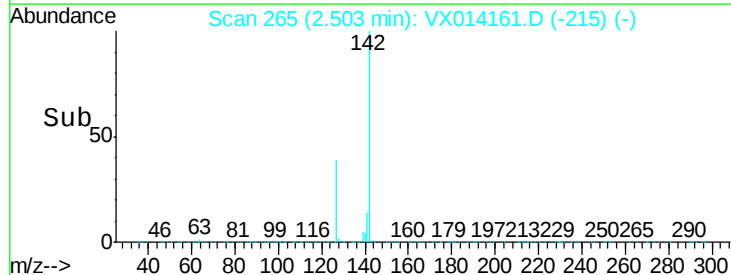
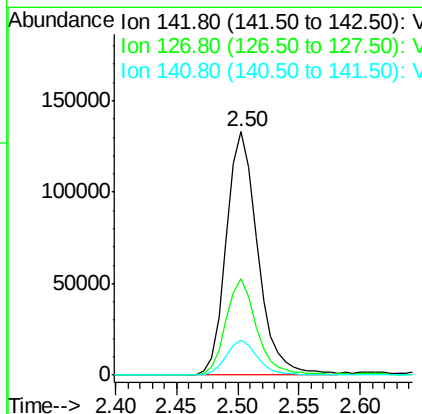
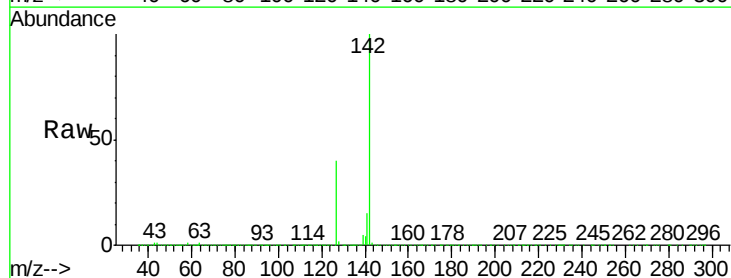
RT: 2.50 min Scan# 265

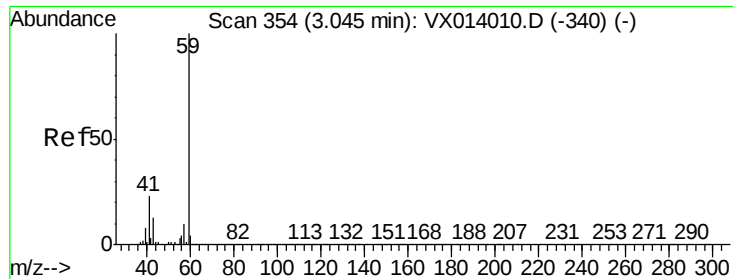
Delta R.T. 0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	142	Resp:	237267
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.6	47.4
141	14.7	11.6	17.4





#11

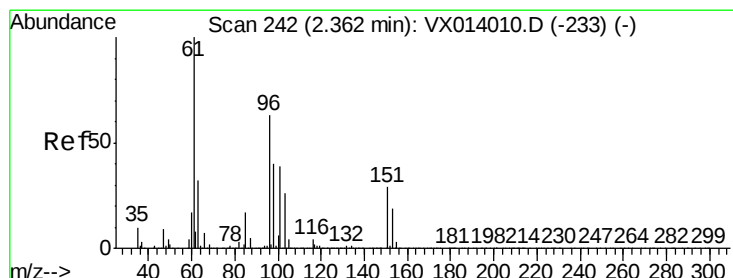
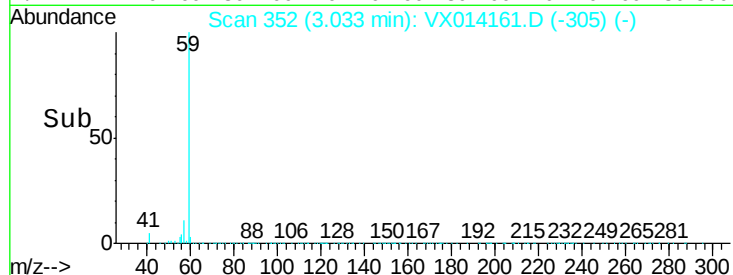
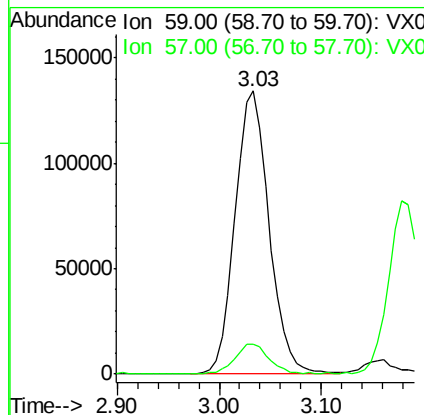
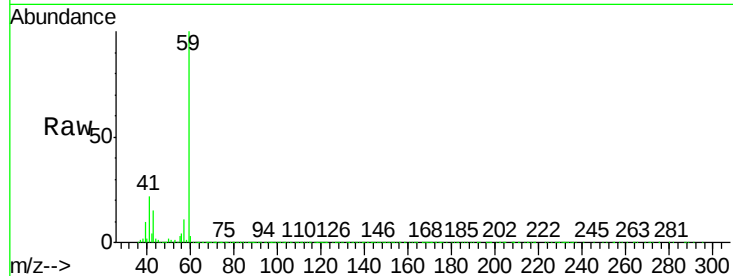
Tert butyl alcohol
Concen: 247.783 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

Manual Integrations
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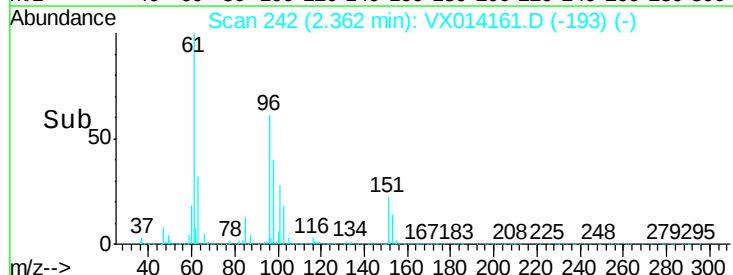
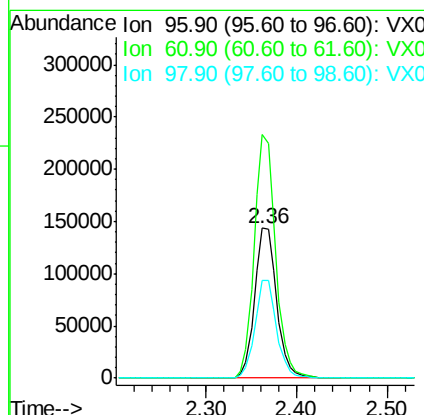
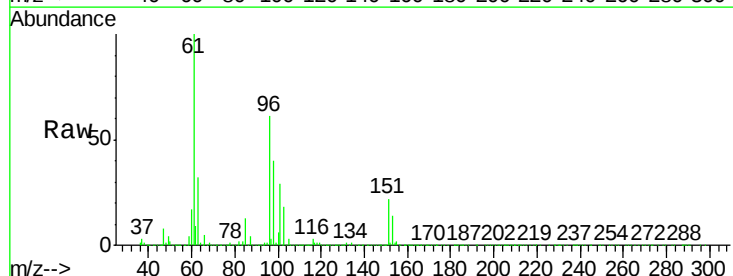
apatel
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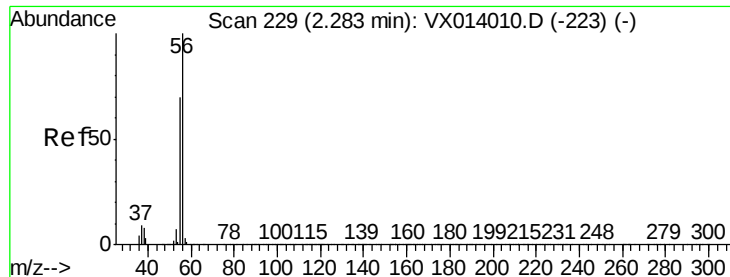


#12

1,1-Dichloroethene
Concen: 48.996 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.7	127.9	191.9
98	65.0	50.5	75.7





#13

Acrolein

Concen: 240.383 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 171887

Ion Ratio Lower Upper

56 100

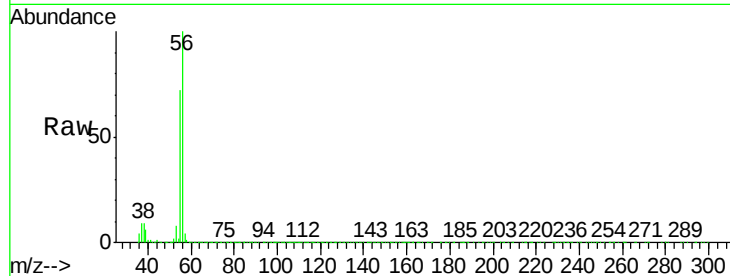
55 69.9 56.9 85.3

Manual Integrations

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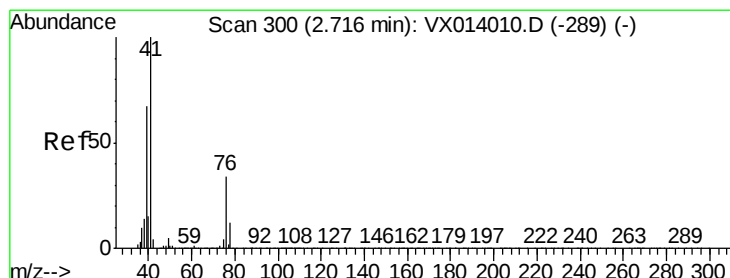
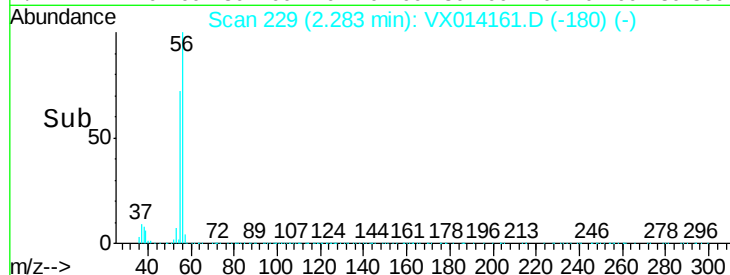
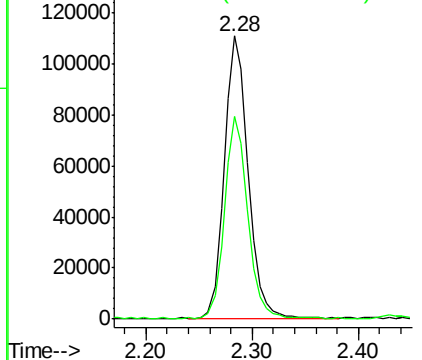
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.000 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

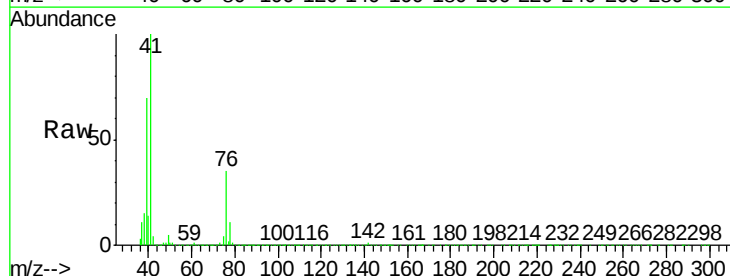
Tgt Ion: 41 Resp: 420515

Ion Ratio Lower Upper

41 100

39 64.8 51.8 77.8

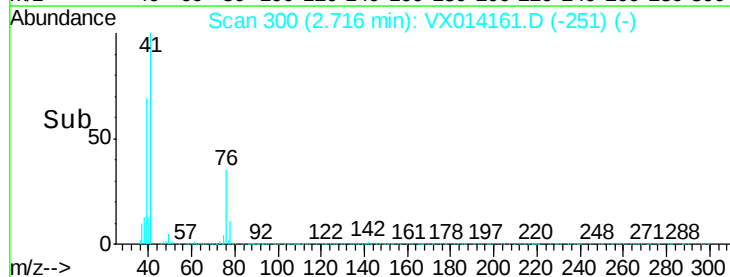
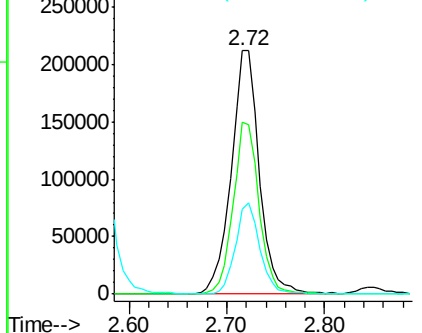
76 32.7 25.9 38.9

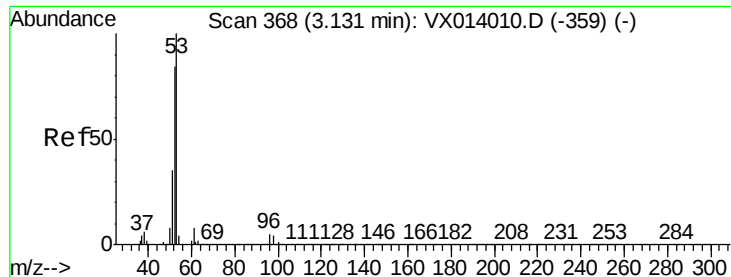


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 256.588 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

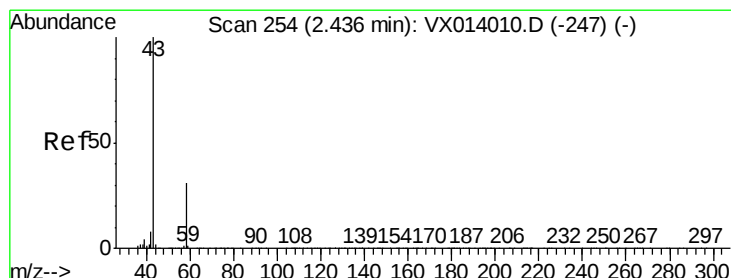
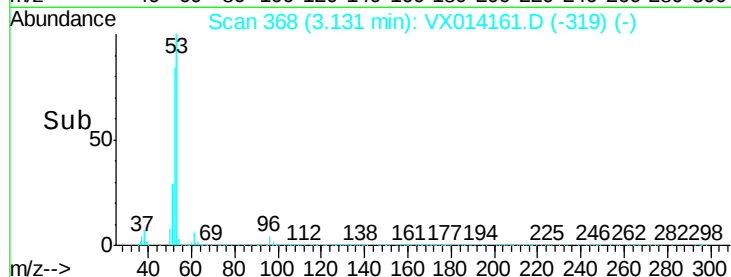
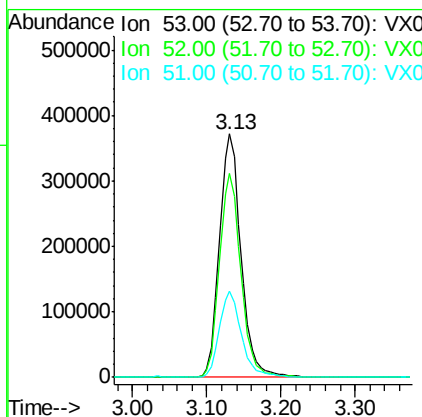
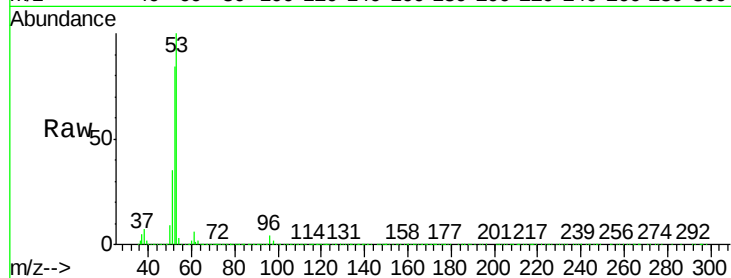
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	748112
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.5	99.7
51	35.9	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 170.901 ug/l

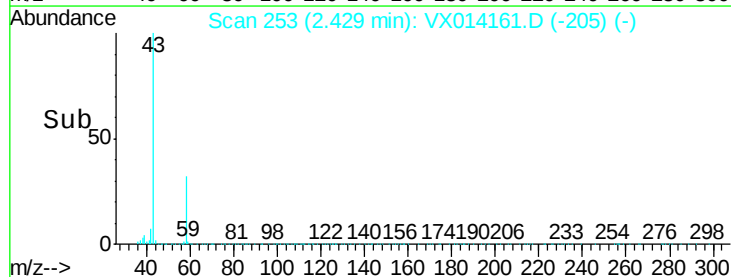
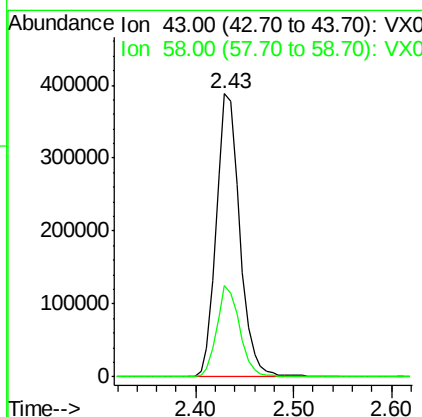
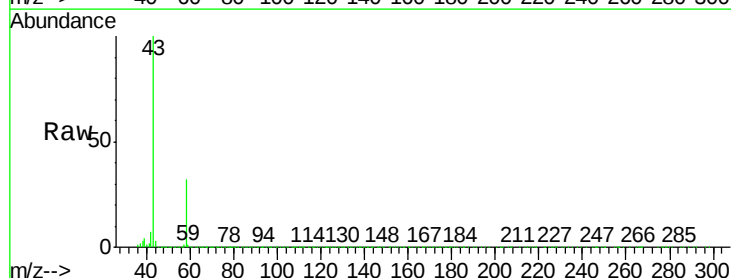
RT: 2.43 min Scan# 253

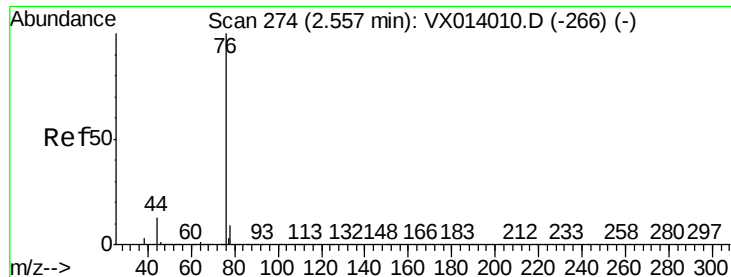
Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	43	Resp:	641415
Ion Ratio		Lower	Upper
43	100		
58	32.0	24.9	37.3





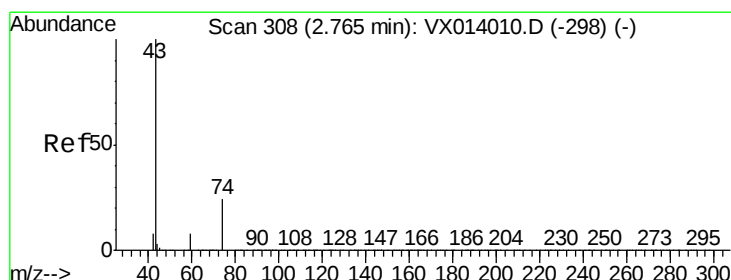
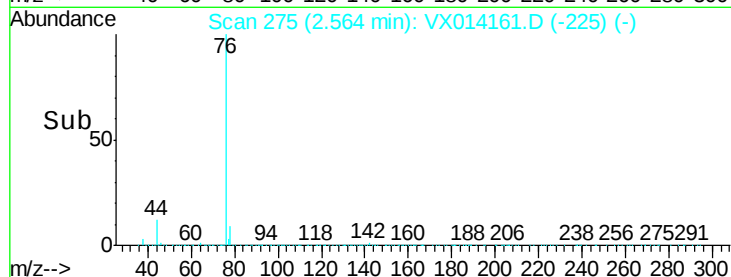
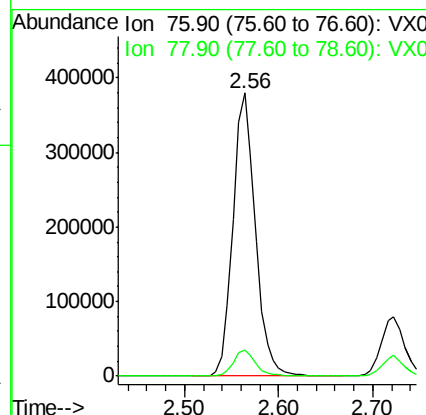
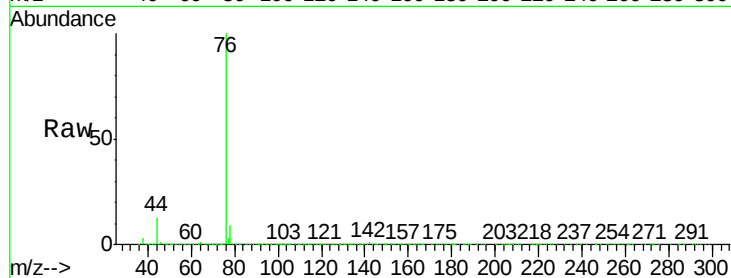
#17
Carbon Disulfide
Concen: 46.186 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

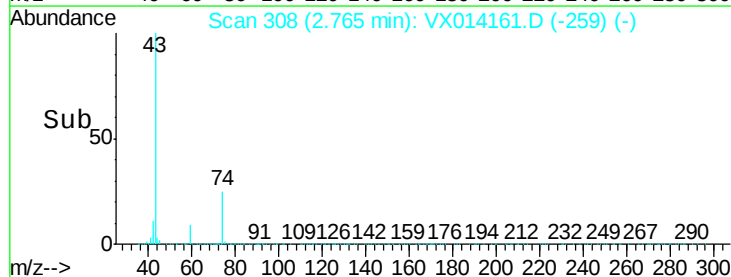
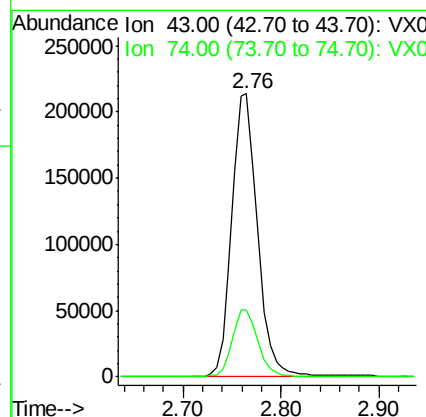
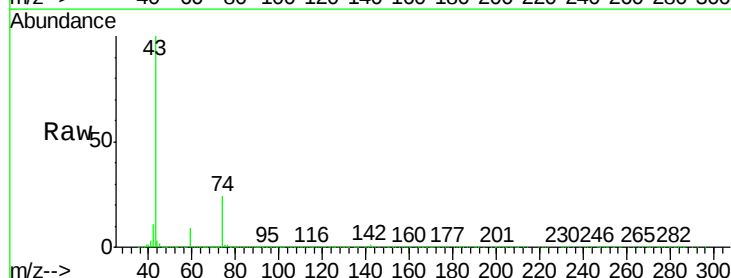
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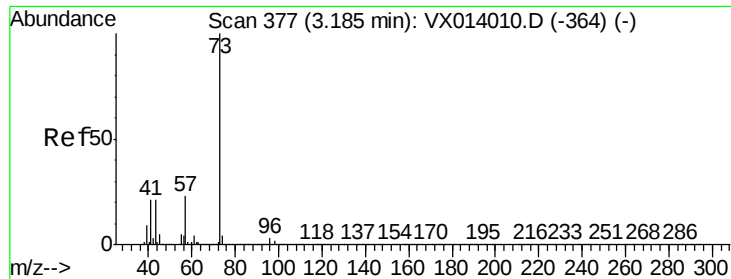
apatel
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#18
Methyl Acetate
Concen: 52.285 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.5	29.3





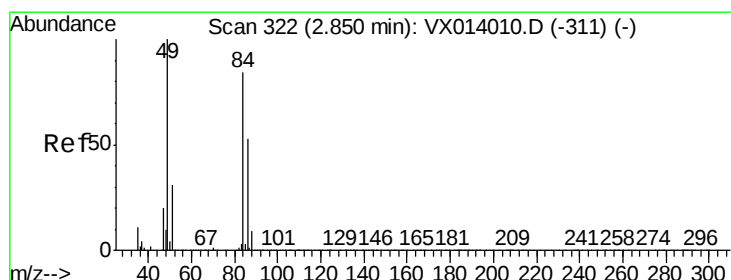
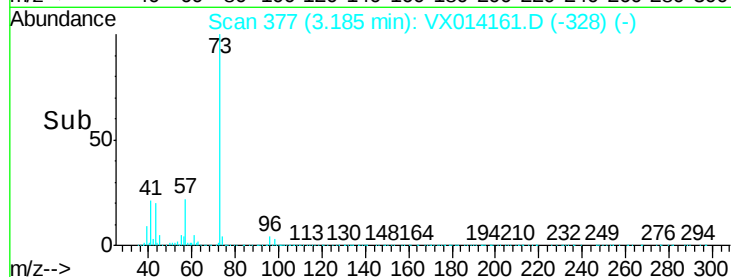
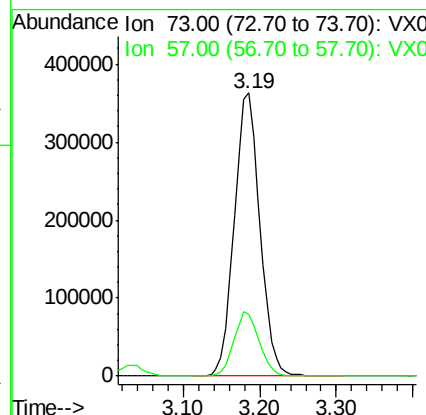
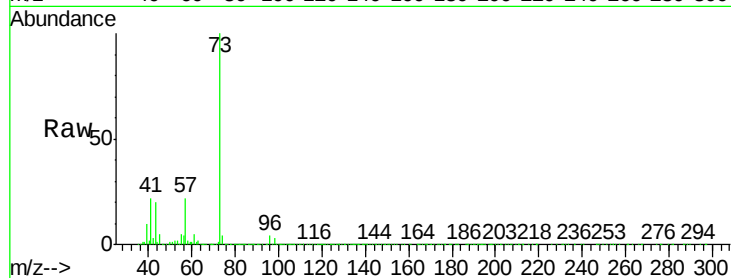
#19
Methvl tert-butvl Ether
Concen: 52.000 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

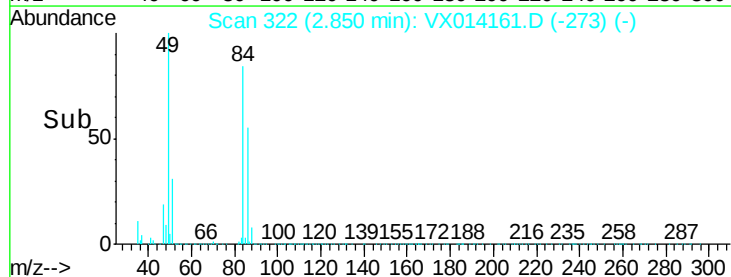
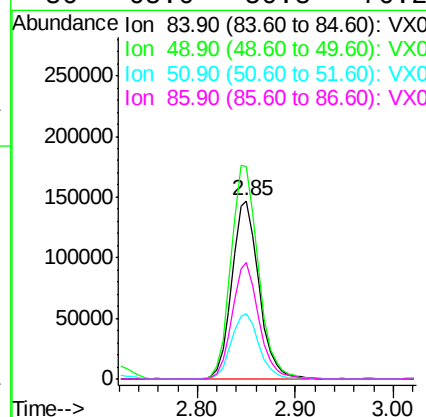
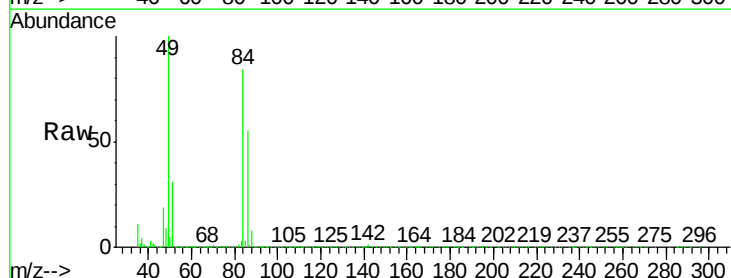
Manual Integrations
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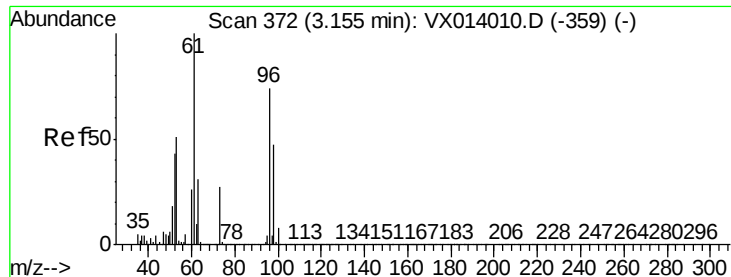
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#20
Methylene Chloride
Concen: 47.614 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.8	143.6
51	36.1	29.8	44.8
86	65.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.269 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

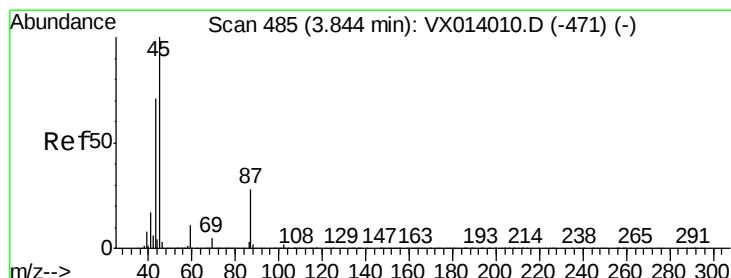
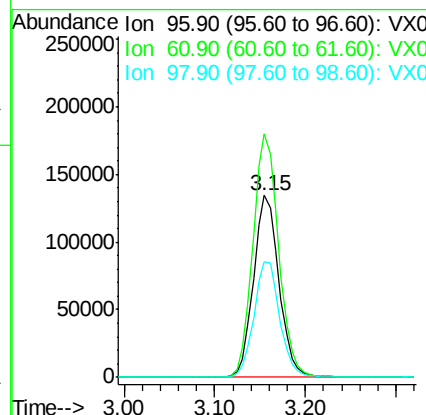
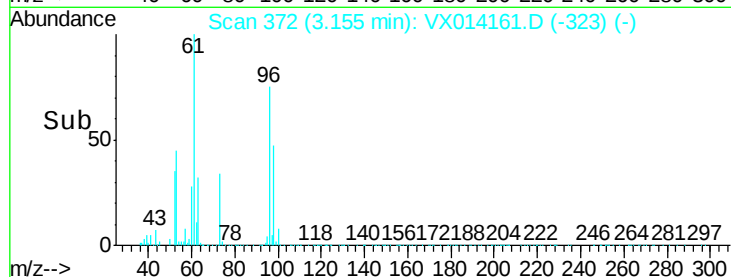
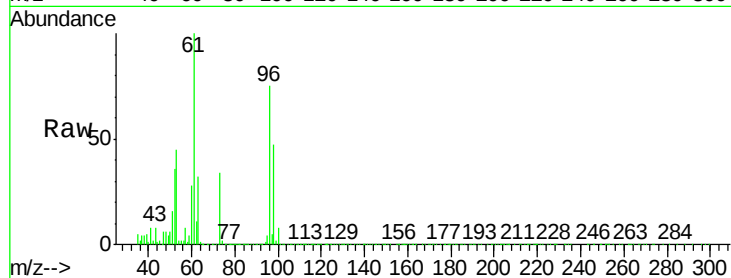
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	260921
Ion Ratio	Lower	Upper	
96	100		
61	134.0	108.3	162.5
98	63.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.872 ug/l

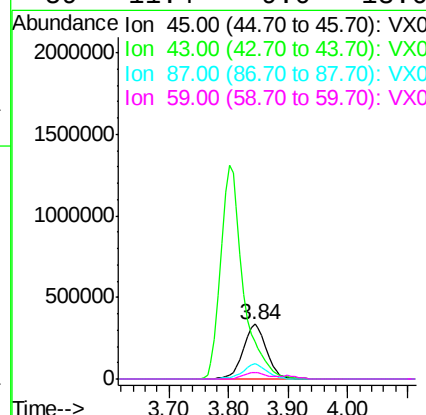
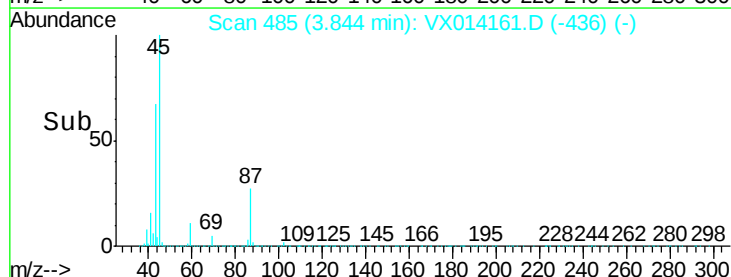
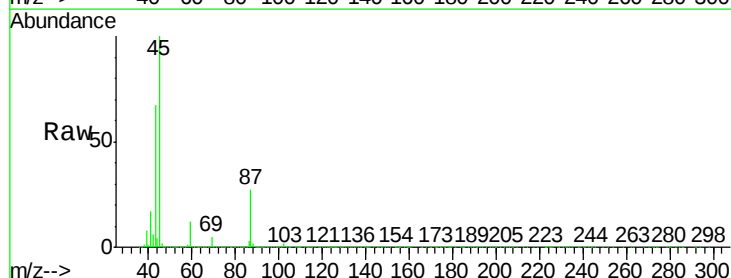
RT: 3.84 min Scan# 485

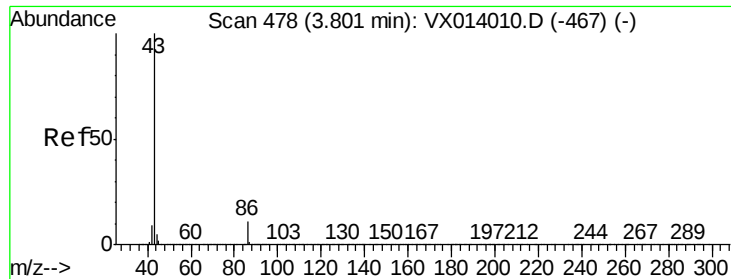
Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	45	Resp:	905567
Ion Ratio	Lower	Upper	
45	100		
43	66.9	57.4	86.0
87	27.0	21.9	32.9
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 239.090 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3406222

Ion Ratio Lower Upper

43 100

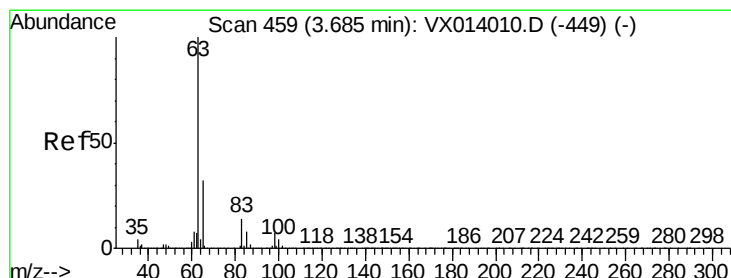
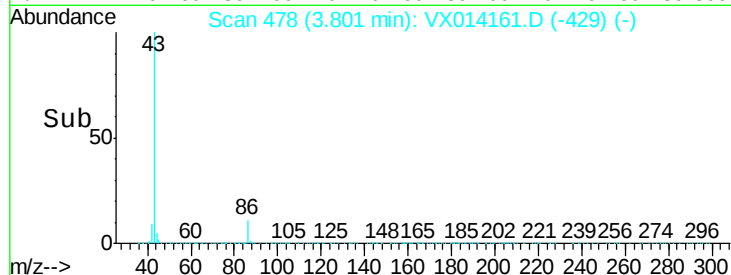
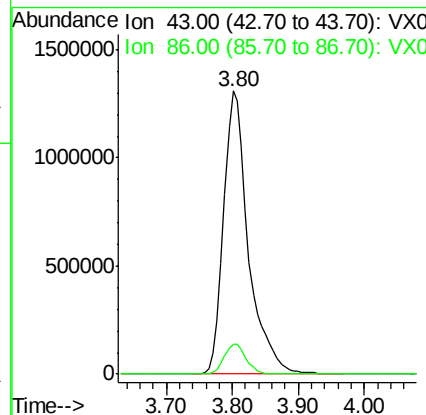
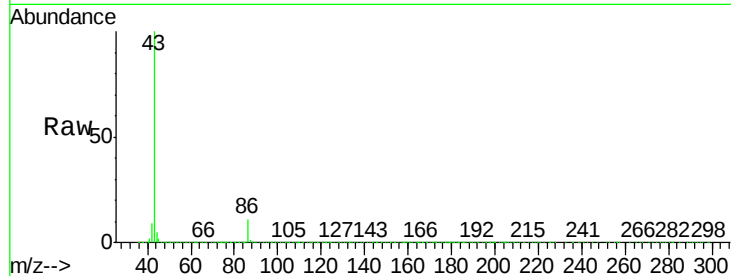
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.671 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

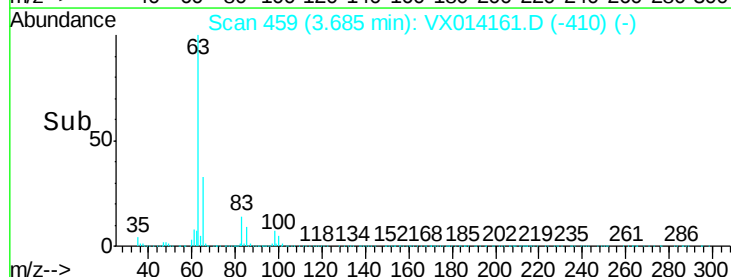
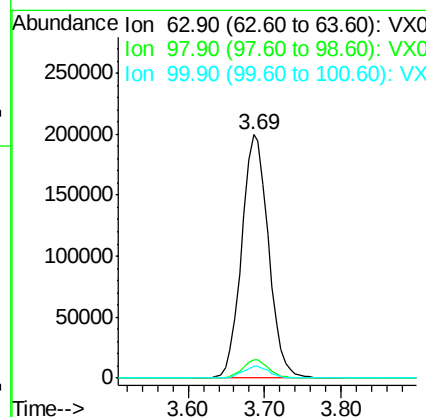
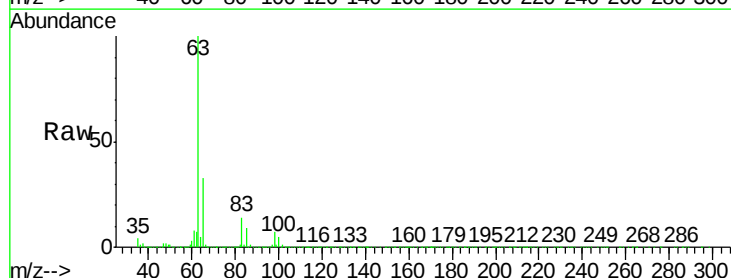
Tgt Ion: 63 Resp: 482450

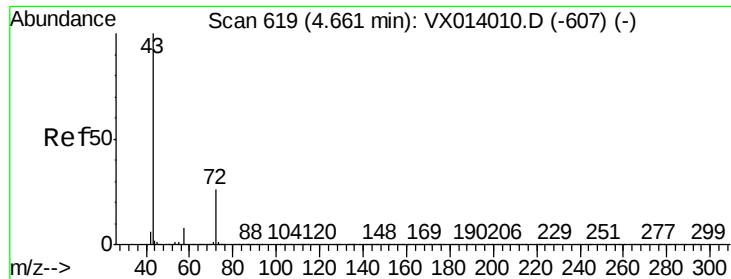
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 228.632 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tot Ion: 43 Resp: 1057923

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

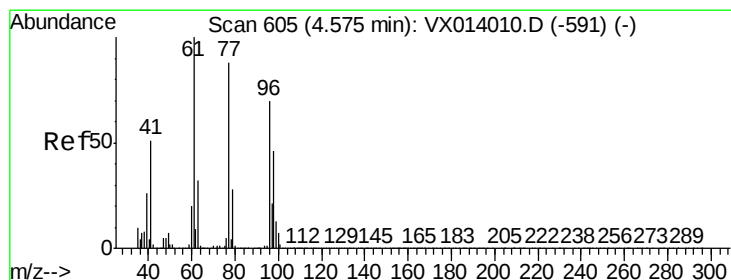
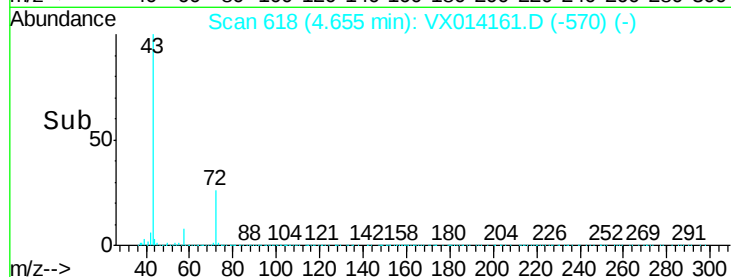
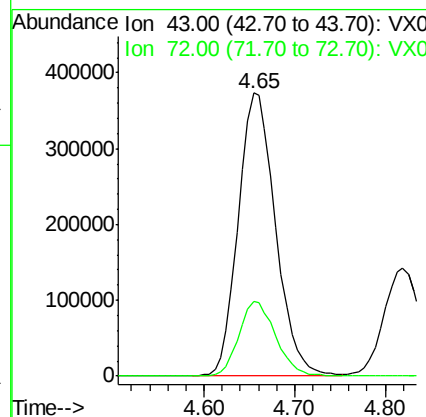
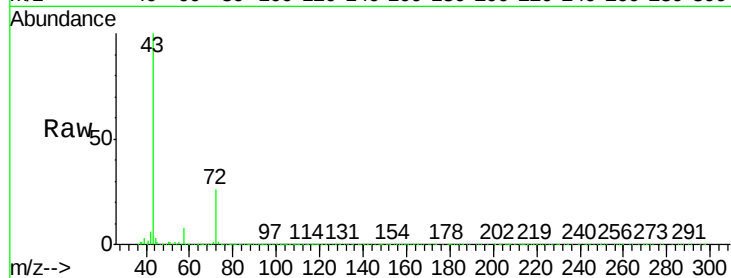
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 33.600 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014161.D

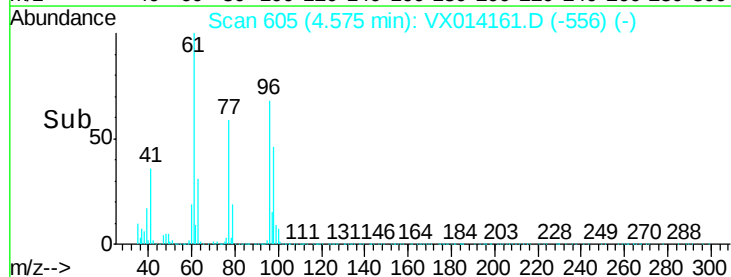
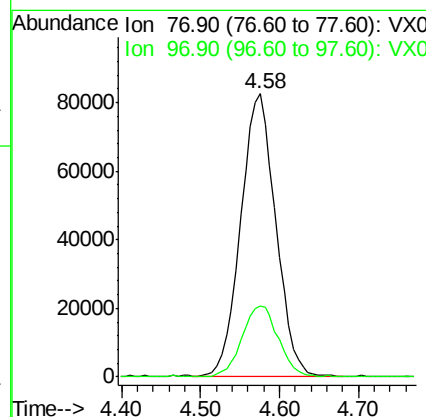
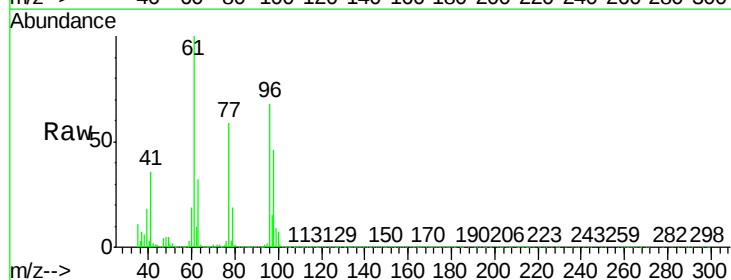
Acq: 20 Dec 2019 08:22

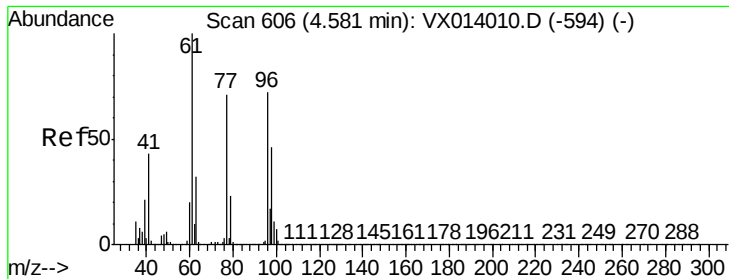
Tgt Ion: 77 Resp: 253388

Ion Ratio Lower Upper

77 100

97 26.4 11.9 35.9





#27

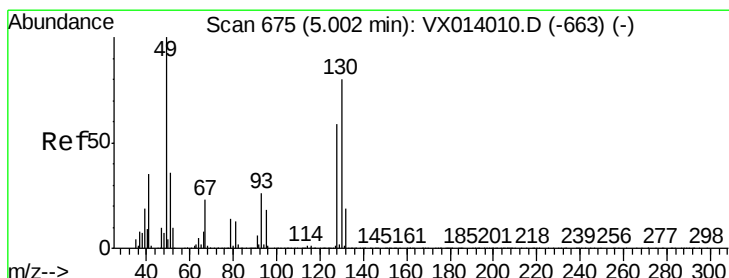
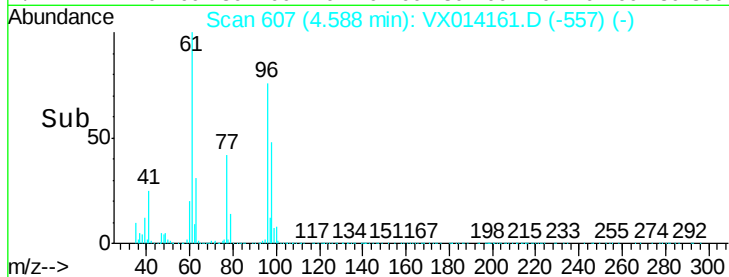
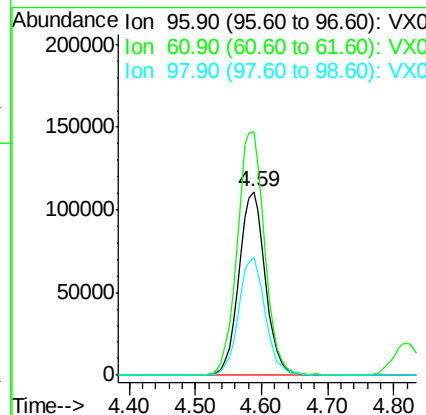
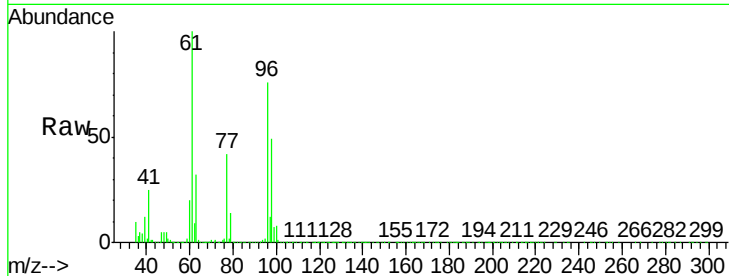
cis-1,2-Dichloroethene
Concen: 49.910 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	305122		
61	137.8	0.0	288.4	
98	65.0	0.0	129.6	

Manual Integrations
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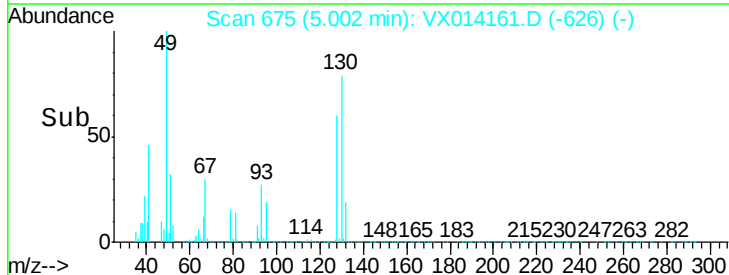
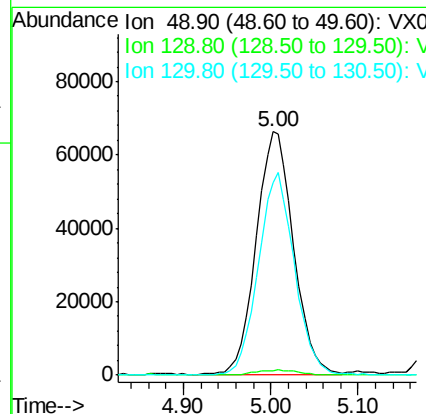
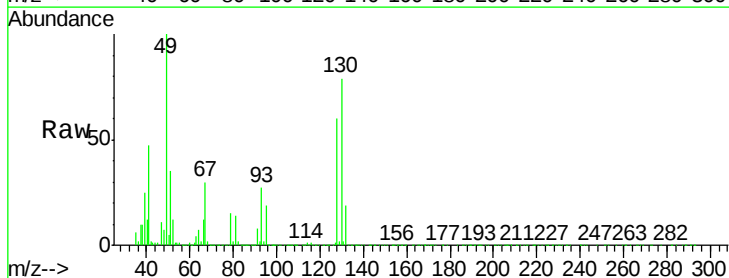
apatel
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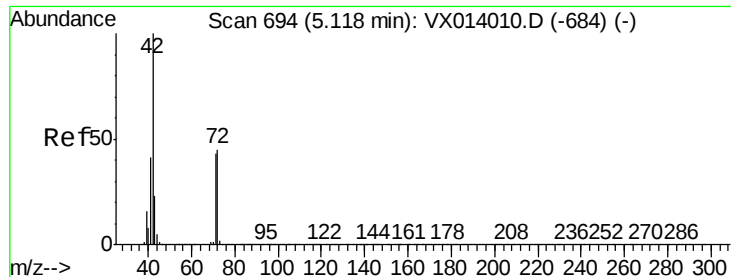


#28

Bromochloromethane
Concen: 52.423 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	195904		
129	2.6	0.0	5.0	
130	80.9	64.6	97.0	





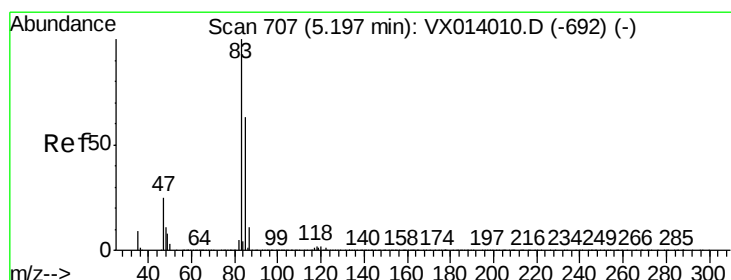
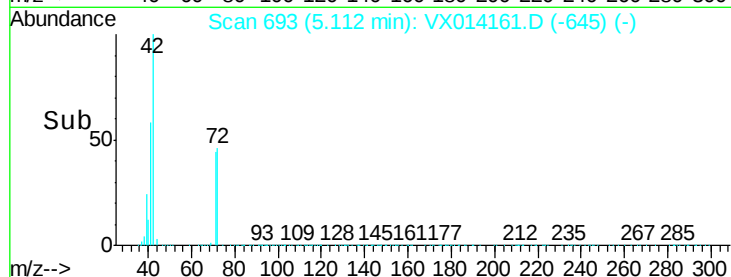
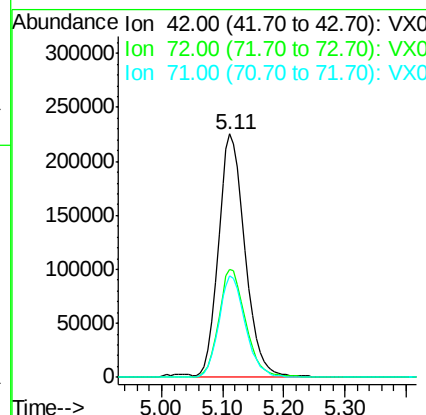
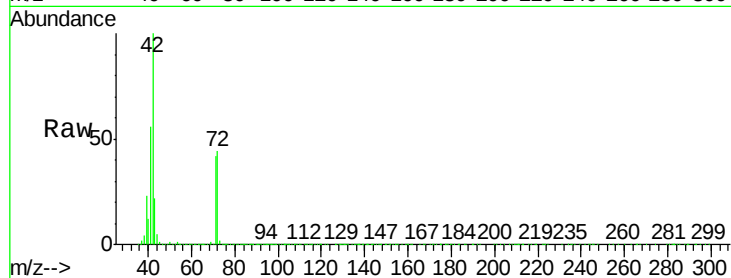
#29
Tetrahydrofuran
Concen: 262.080 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	35.8	53.8
71	41.7	33.6	50.4

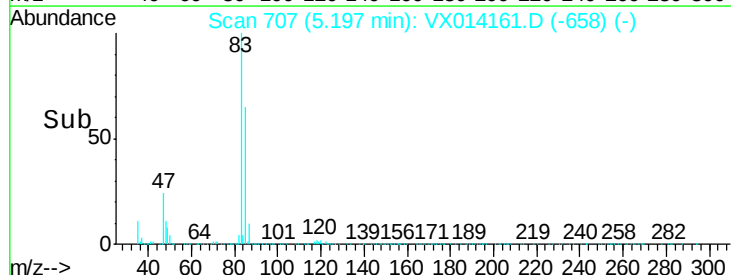
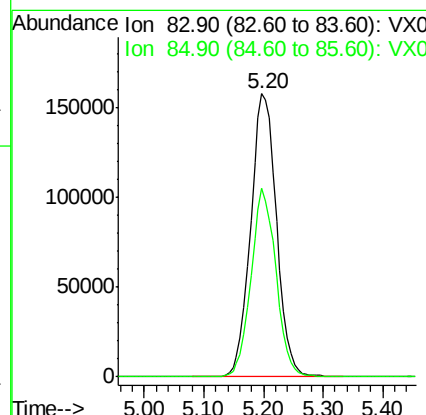
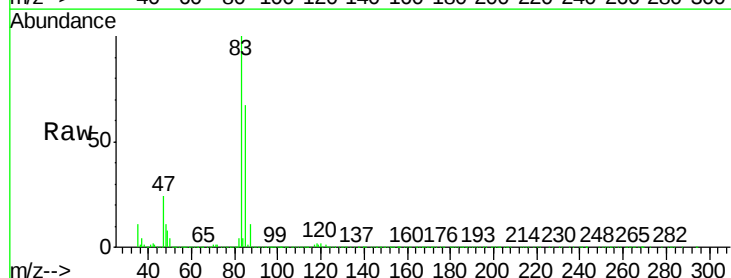
Manual Integrations
APPROVED

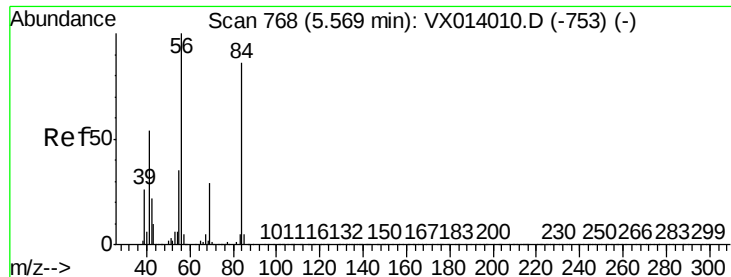
apatel
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#30
Chloroform
Concen: 51.541 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.8	76.2





#31

Cyclohexane

Concen: 48.875 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

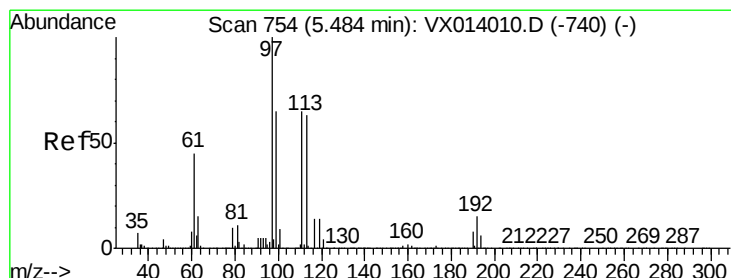
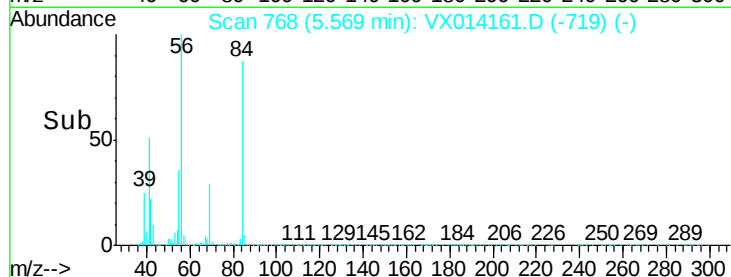
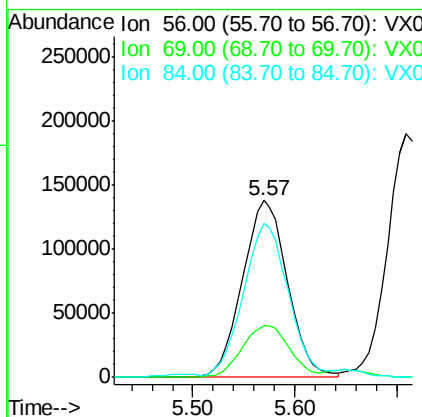
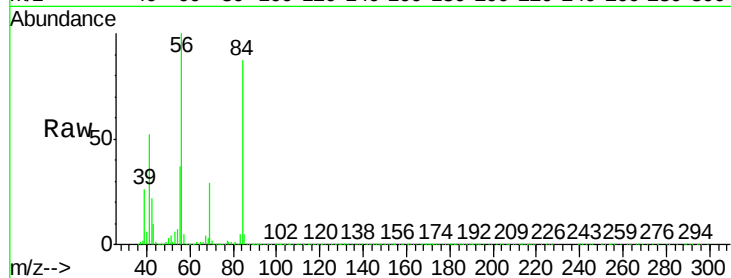
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	422214
Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.2	34.8
84	85.6	69.2	103.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.623 ug/l

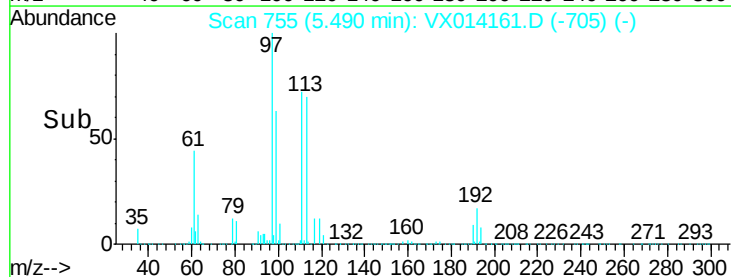
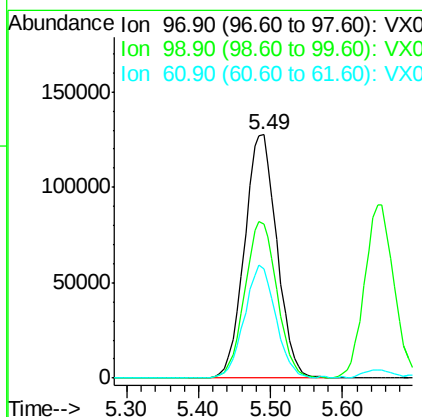
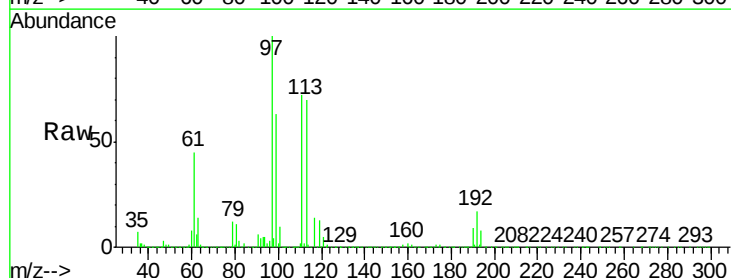
RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	97	Resp:	397255
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	44.6	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 53.095 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 306948

Ion Ratio Lower Upper

65 100

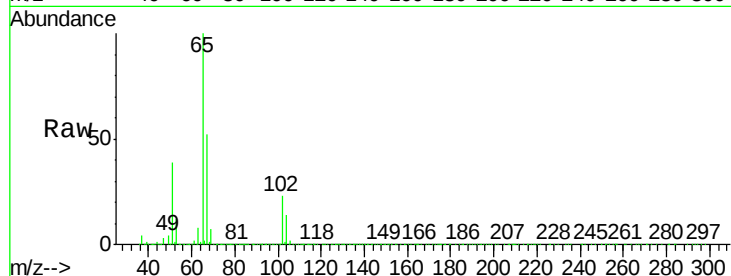
67 52.6 0.0 106.4

Manual Integrations

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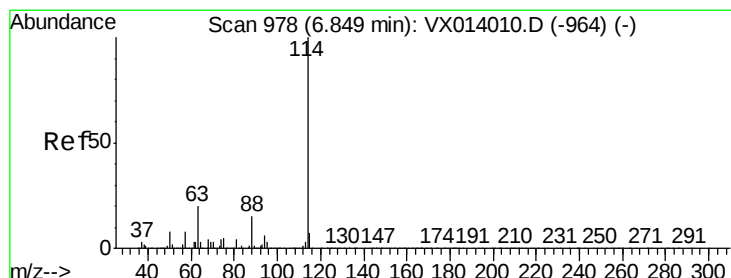
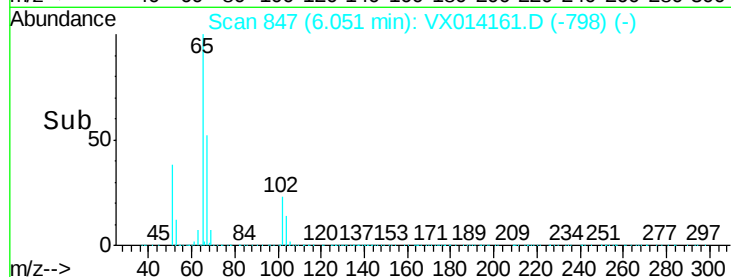
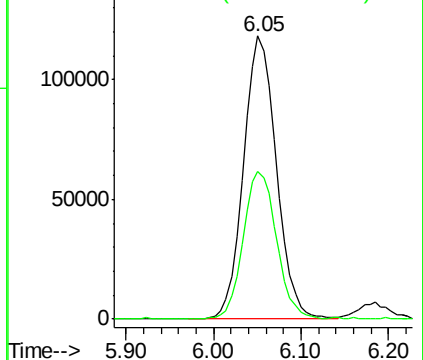
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

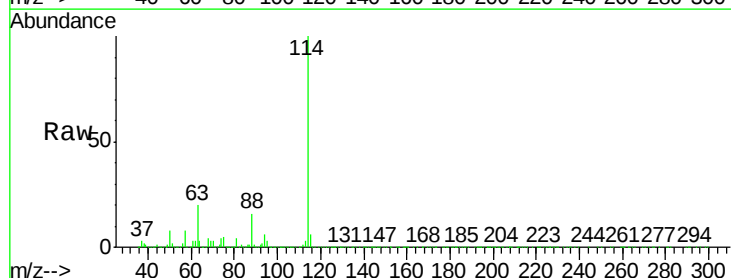
Tgt Ion: 114 Resp: 814611

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

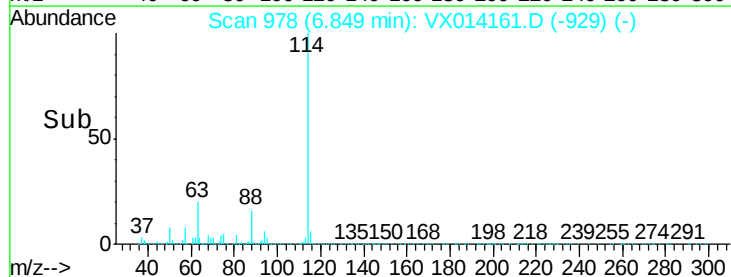
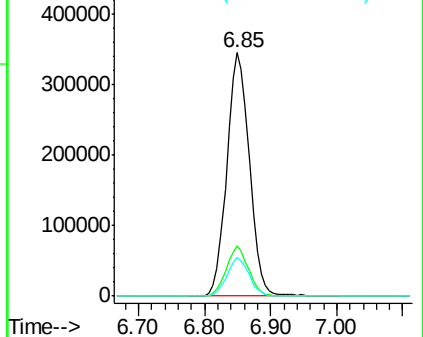
88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.169 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

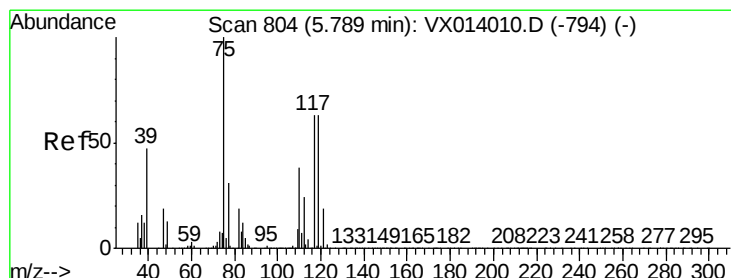
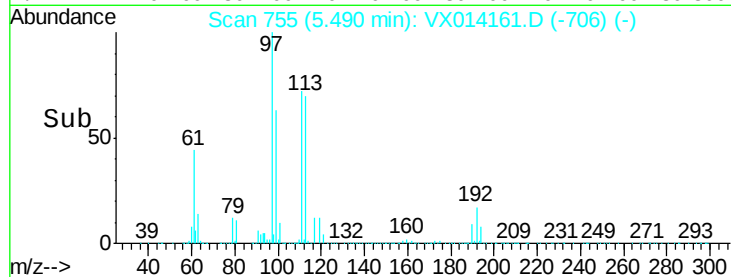
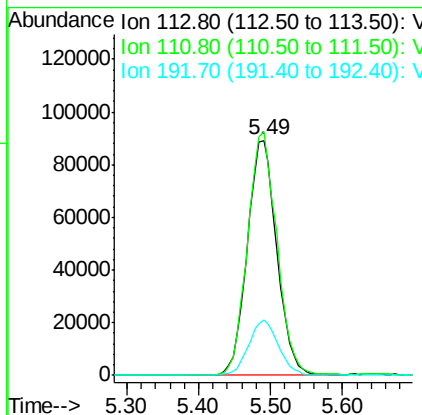
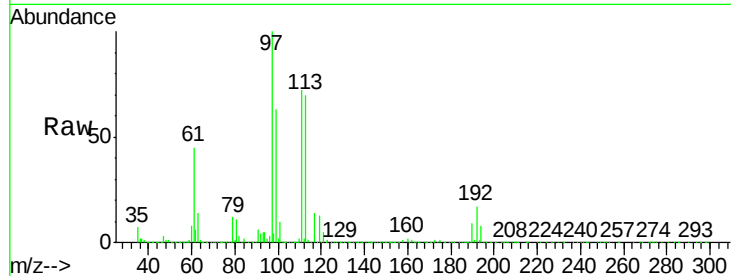
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	253388
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.0	123.0
192	24.0	19.3	28.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.984 ug/l

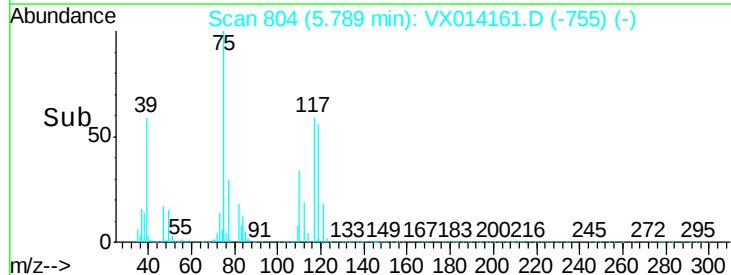
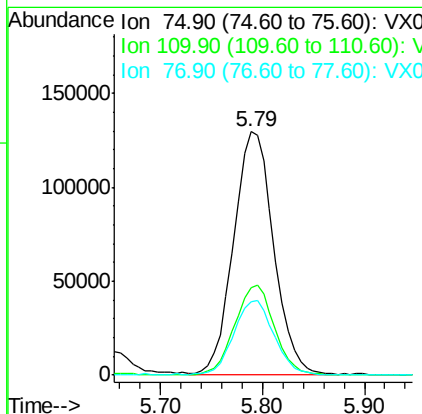
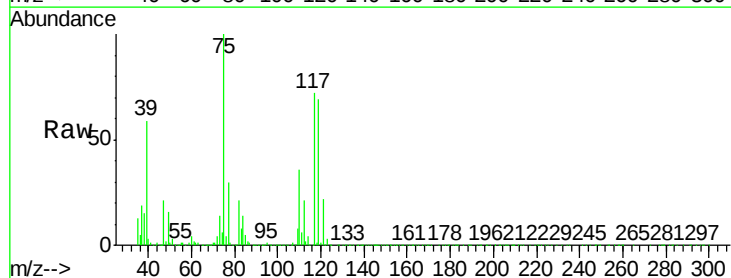
RT: 5.79 min Scan# 804

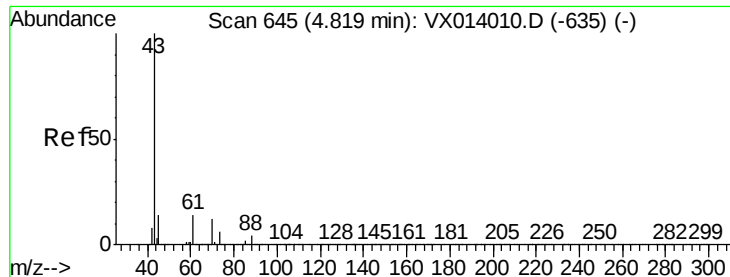
Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	75	Resp:	351184
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.9
77	30.6	24.8	37.2





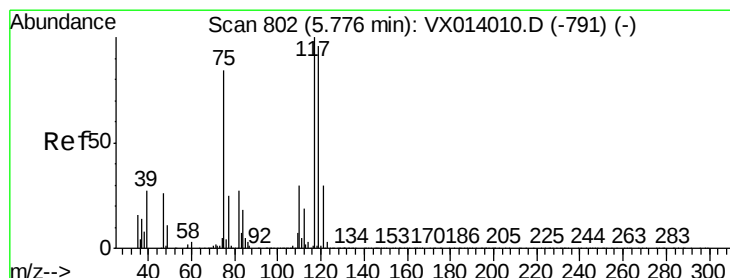
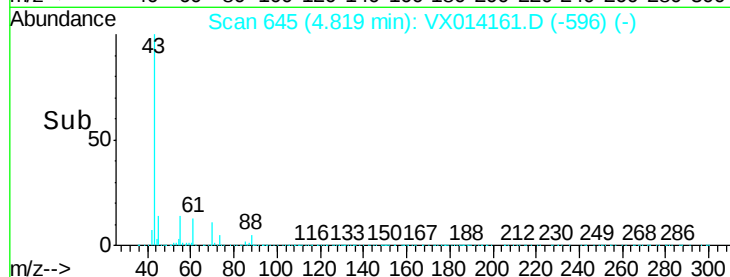
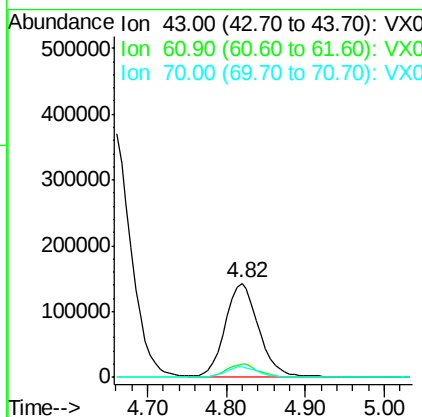
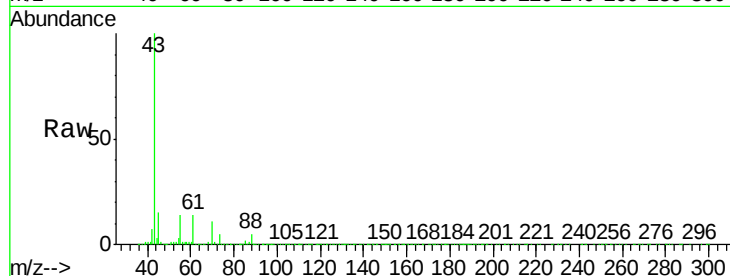
#37
Ethyl Acetate
Concen: 50.401 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	11.0	8.6	12.8

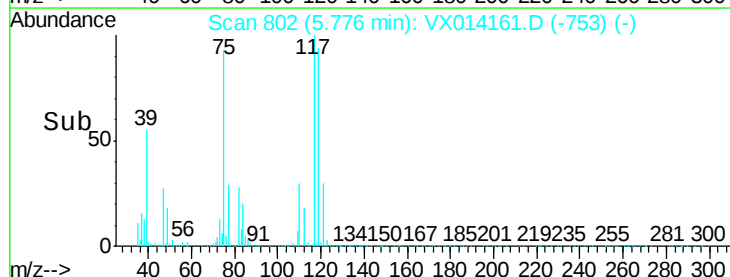
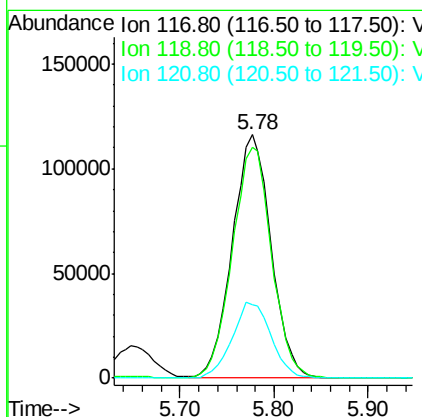
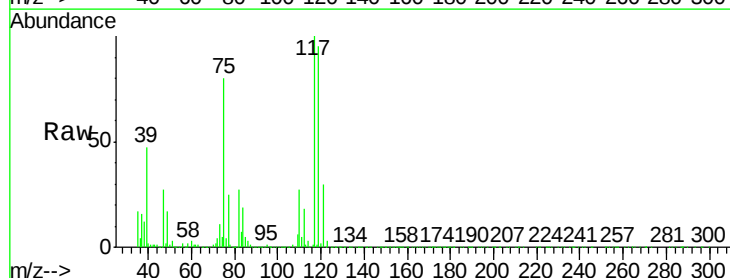
Manual Integrations
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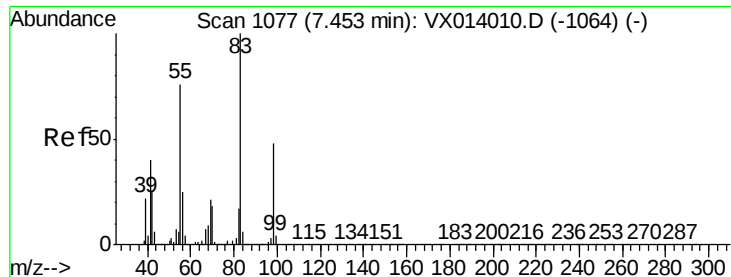
apatel
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#38
Carbon Tetrachloride
Concen: 49.004 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.4
121	30.2	23.6	35.4





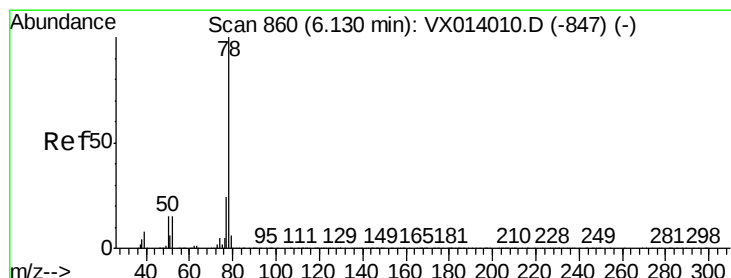
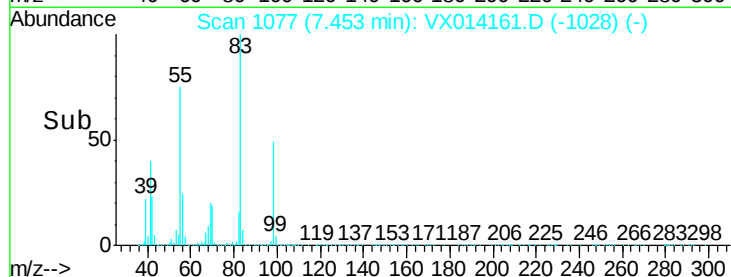
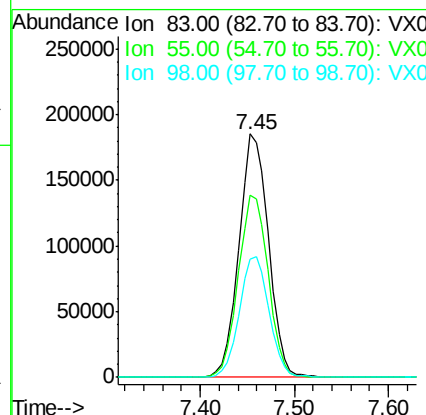
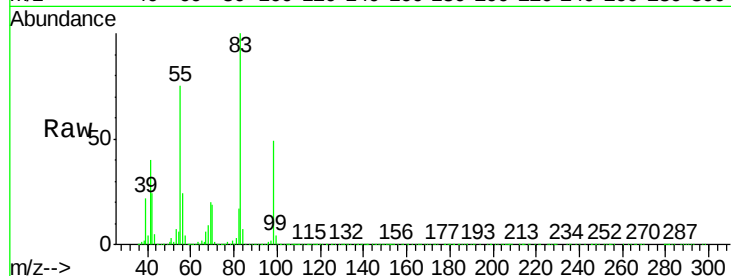
#39
Methvlcvclohexane
Concen: 43.618 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.0	91.6
98	48.6	38.6	57.8

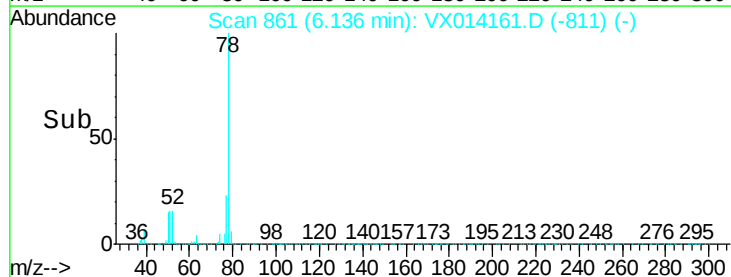
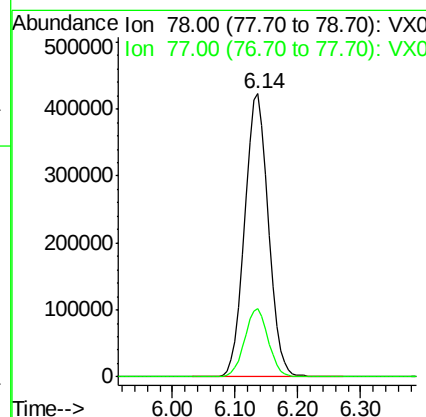
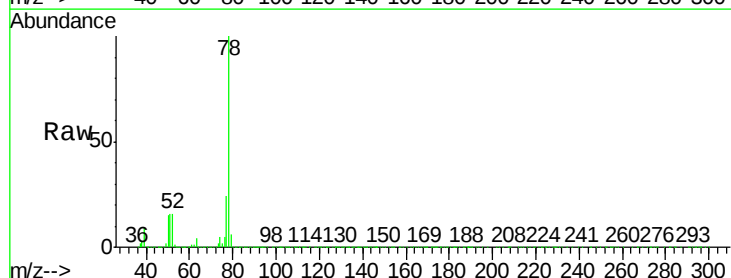
Manual Integrations
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#40
Benzene
Concen: 48.229 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





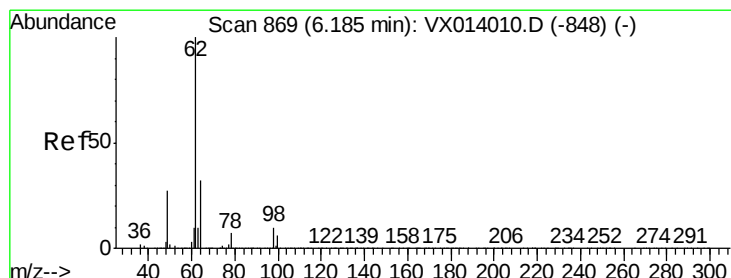
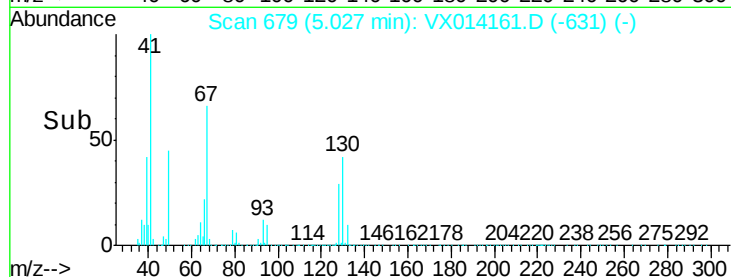
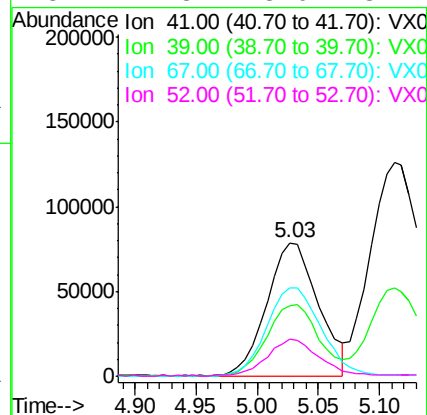
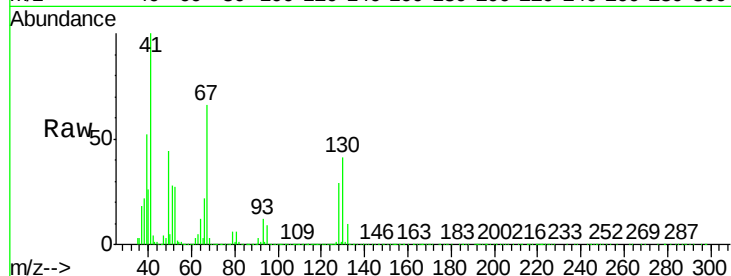
#41
Methacrylonitrile
Concen: 50.178 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		229803		
39	54.2	44.5	66.7		
67	70.4	57.4	86.0		
52	27.3	23.0	34.4		

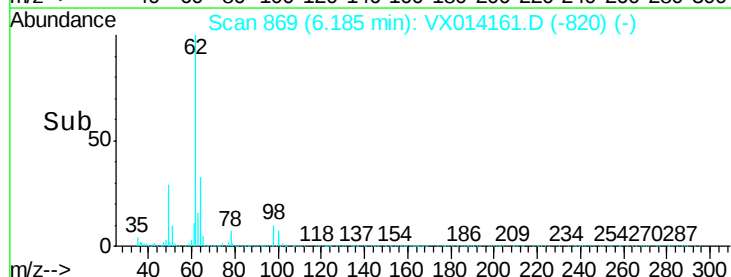
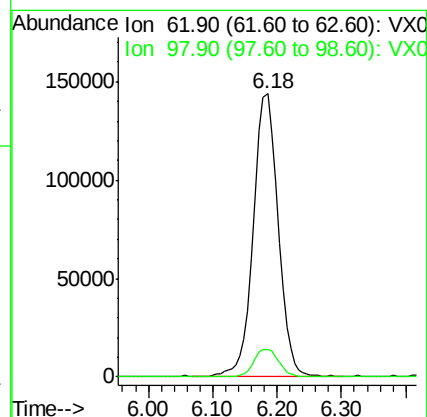
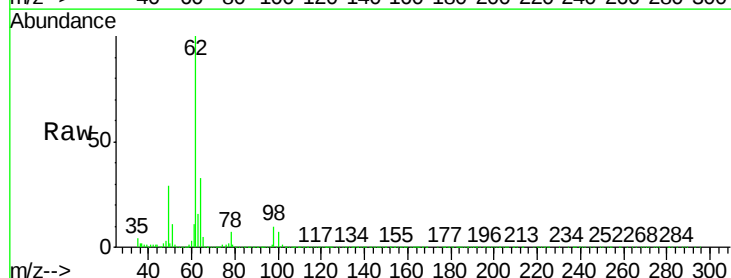
Manual Integrations
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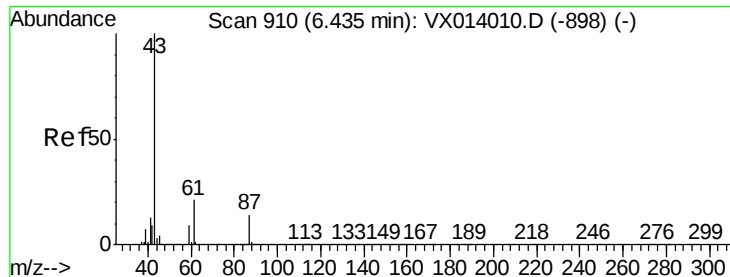
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#42
1,2-Dichloroethane
Concen: 48.622 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		379049		
98	10.1	0.0	21.0		





#43

Isopropyl Acetate

Concen: 50.436 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

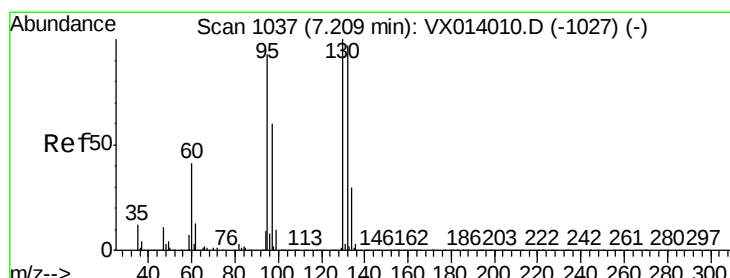
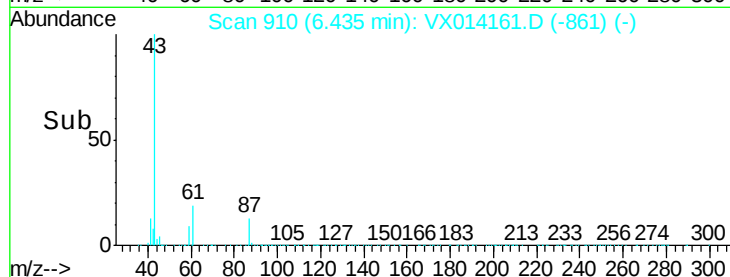
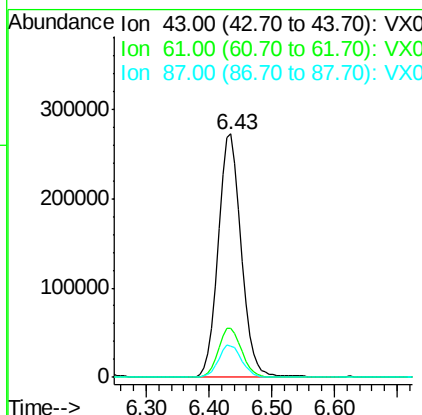
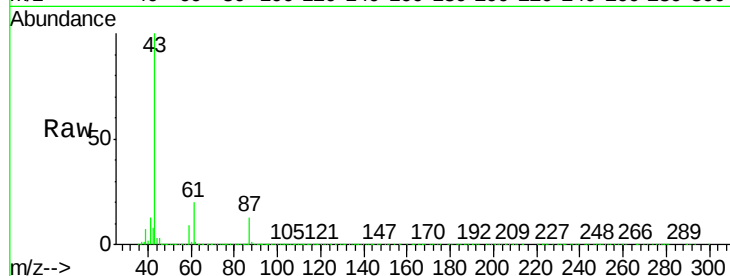
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	688943
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.4	24.6
87	13.6	10.7	16.1

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#44

Trichloroethene

Concen: 47.404 ug/l

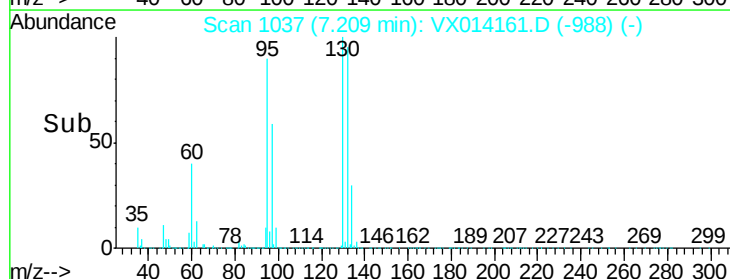
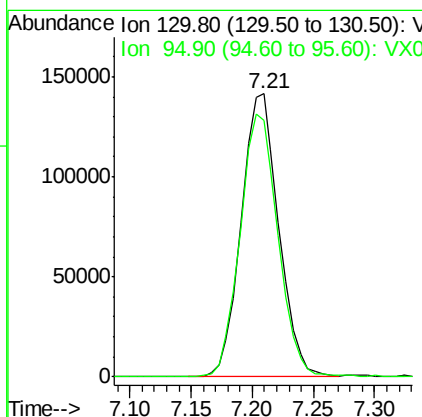
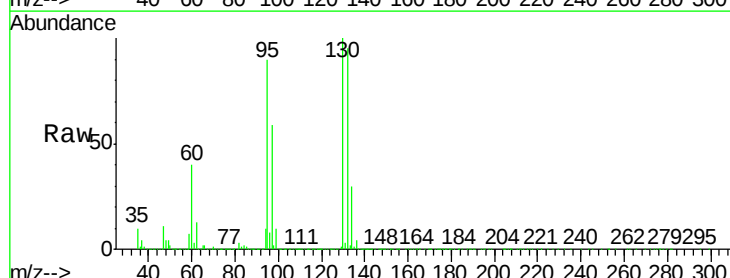
RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	130	Resp:	301125
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	185.6





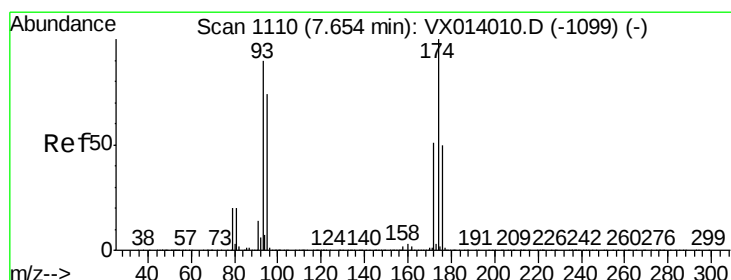
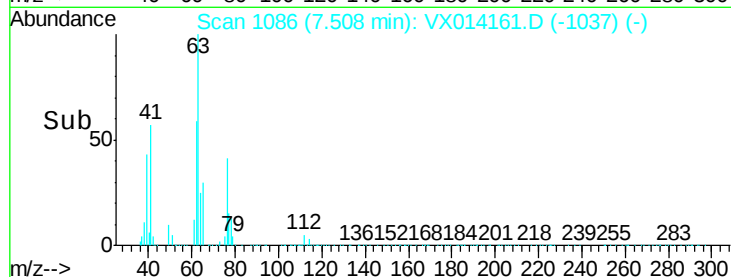
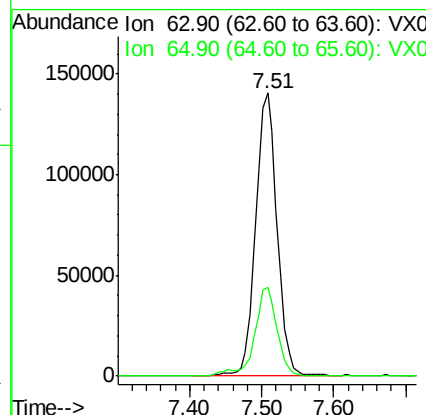
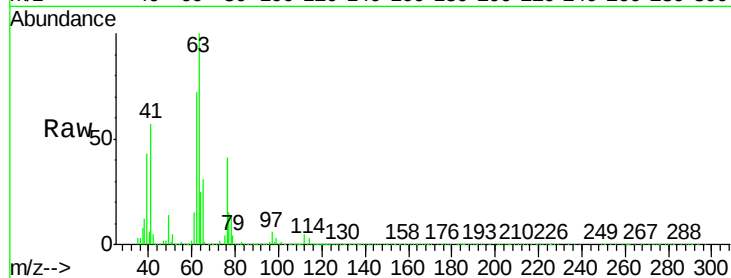
#45
 1,2-Dichloropropane
 Concen: 49.065 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.8	38.8

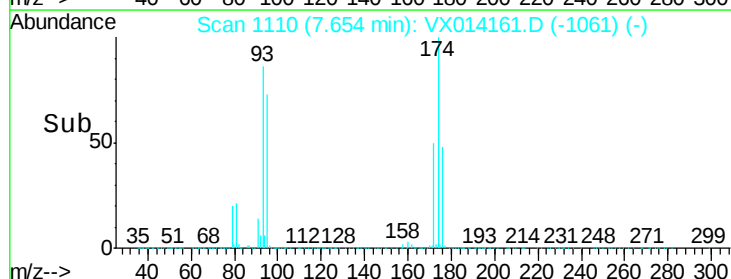
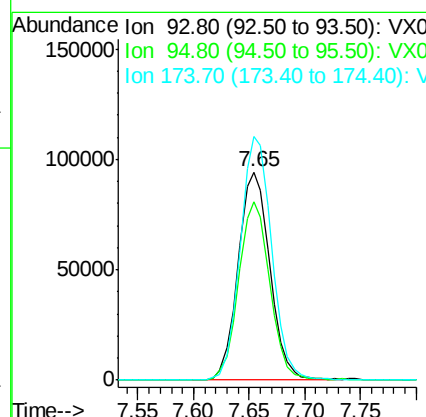
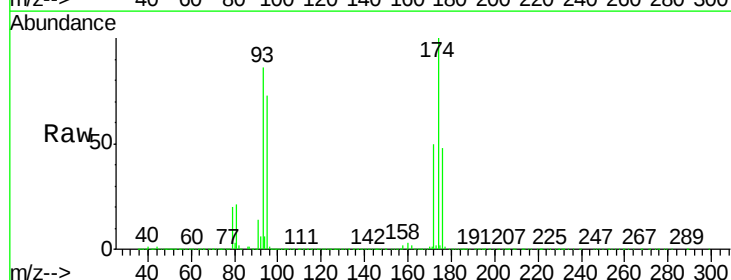
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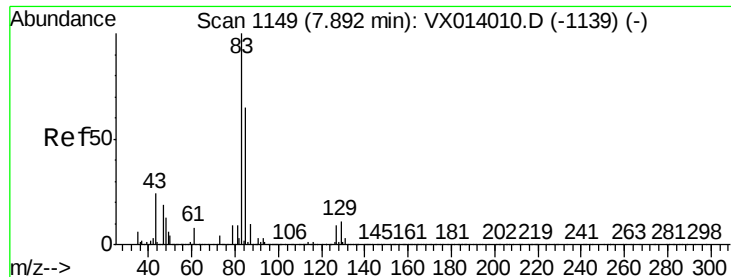
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#46
 Dibromomethane
 Concen: 47.322 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.3	100.9
174	117.2	91.6	137.4





#47

Bromodichloromethane

Concen: 50.263 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

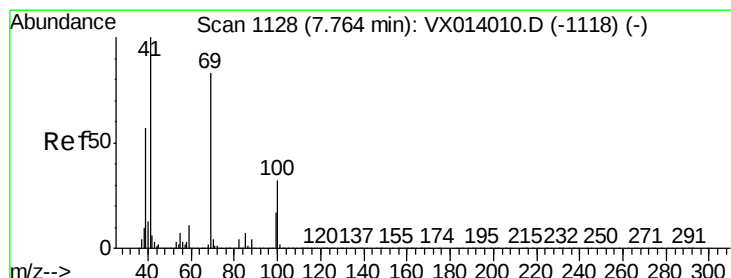
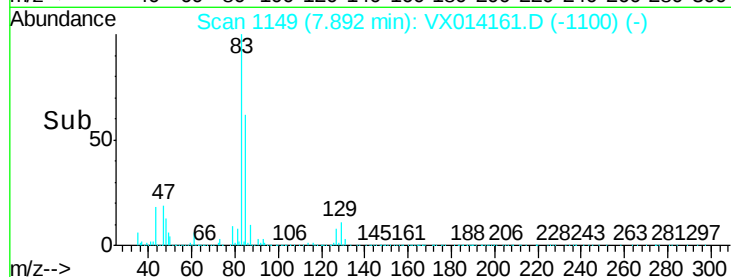
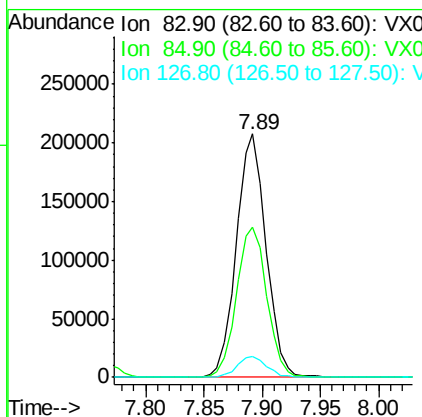
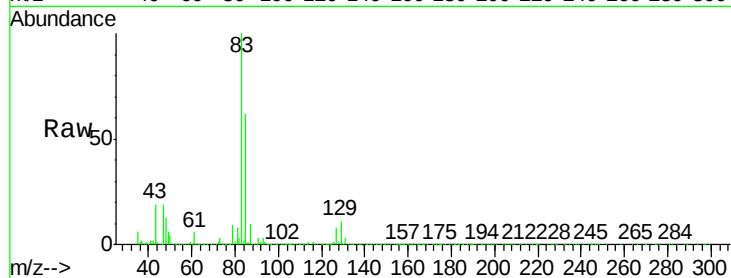
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	368923
Ion Ratio	Lower	Upper	
83	100		
85	61.7	51.8	77.8
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.379 ug/l

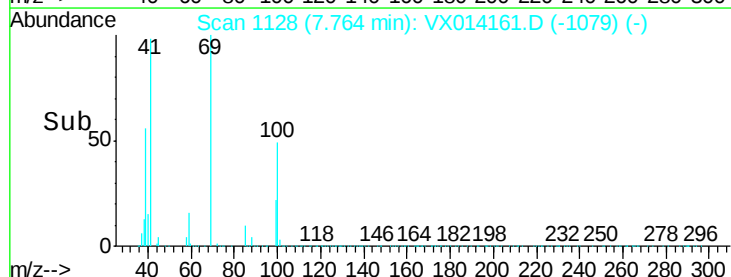
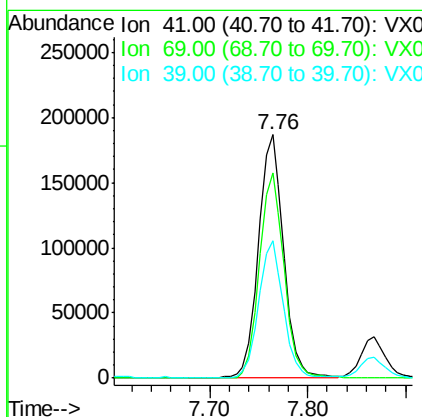
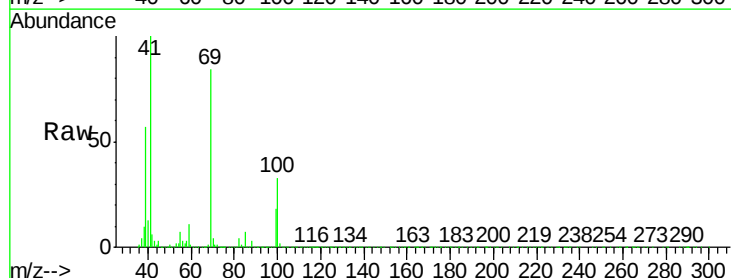
RT: 7.76 min Scan# 1128

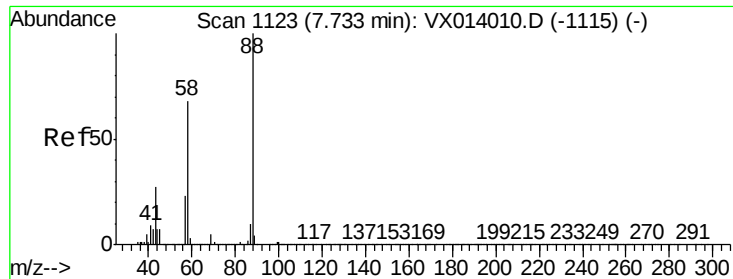
Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	41	Resp:	336980
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.8	98.6
39	54.7	44.6	67.0





#49

1,4-Dioxane

Concen: 1048.335 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

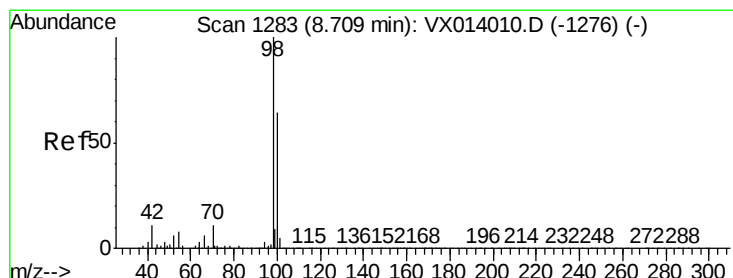
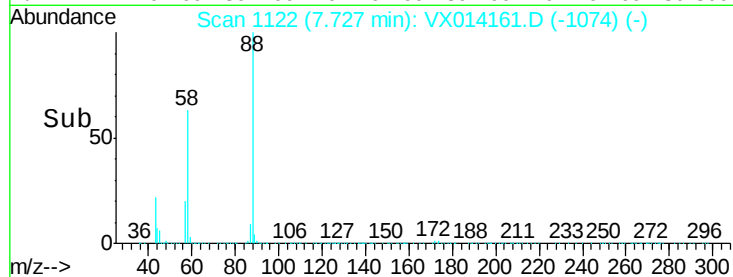
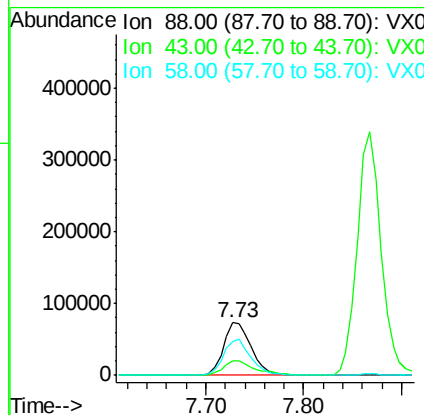
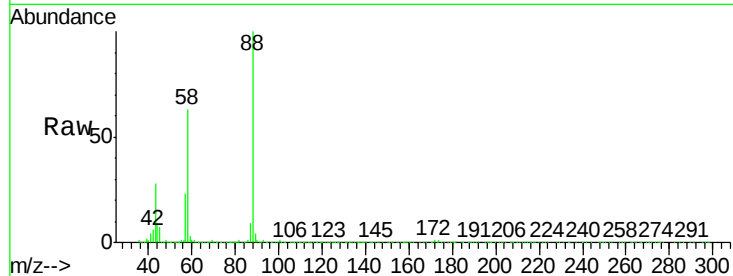
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	142700
Ion Ratio	Lower	Upper	
88	100		
43	31.8	26.5	39.7
58	67.5	56.8	85.2

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#50

Toluene-d8

Concen: 50.501 ug/l

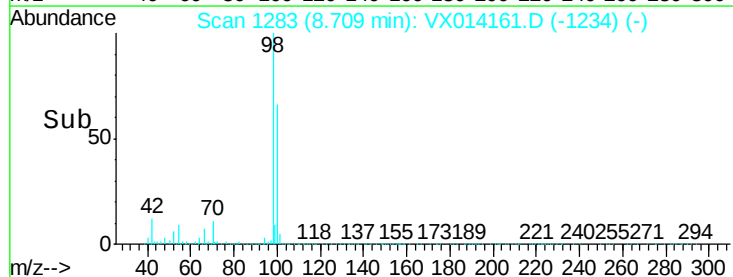
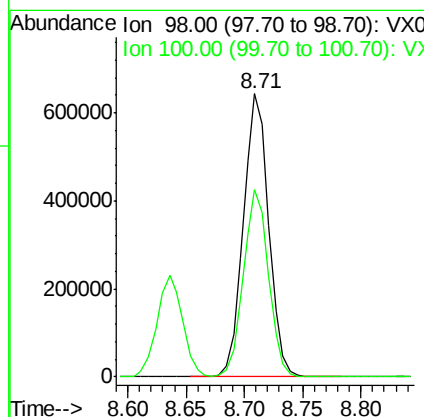
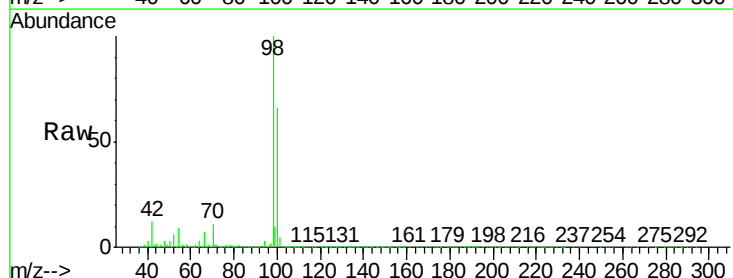
RT: 8.71 min Scan# 1283

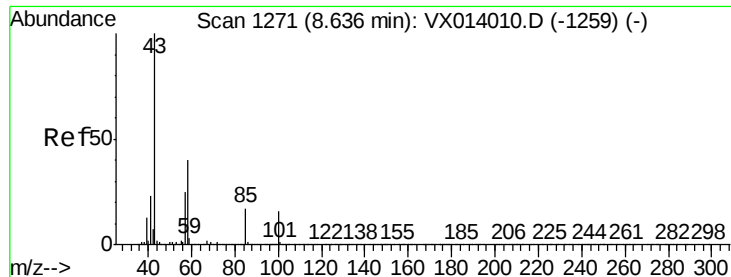
Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	98	Resp:	973610
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 247.636 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2124385

Ion Ratio Lower Upper

43 100

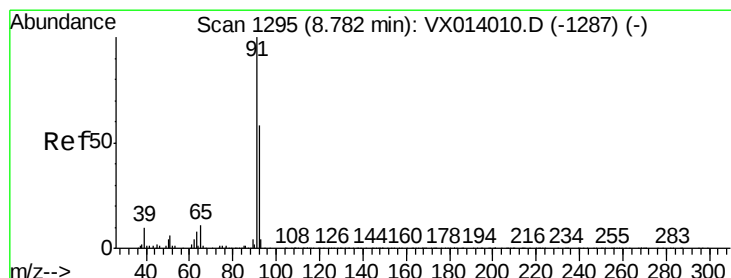
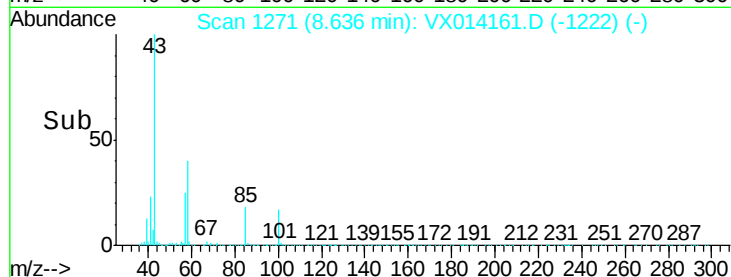
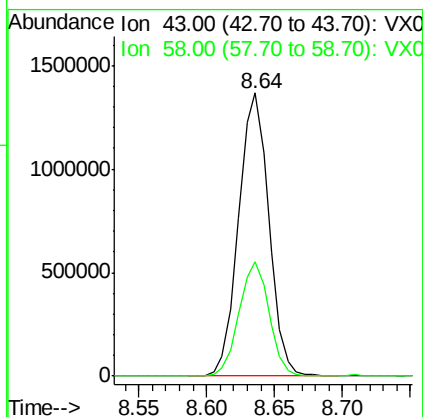
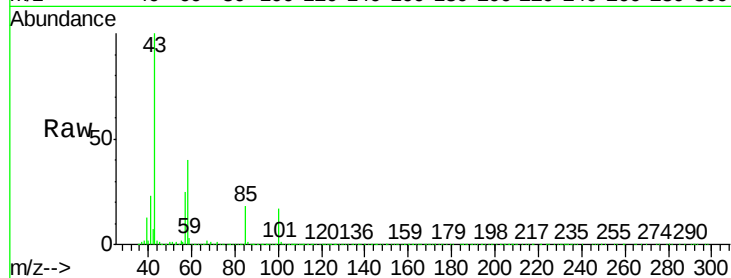
58 40.0 32.2 48.2

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#52

Toluene

Concen: 47.359 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014161.D

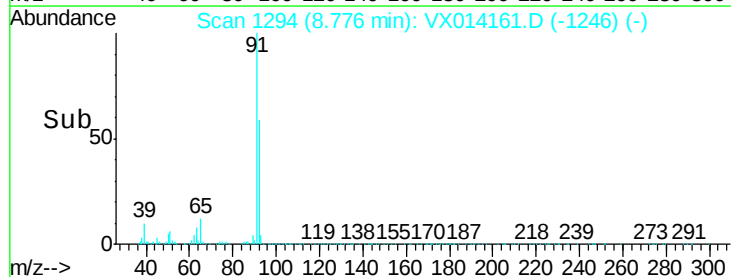
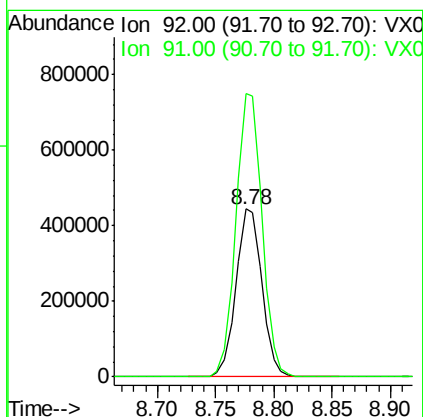
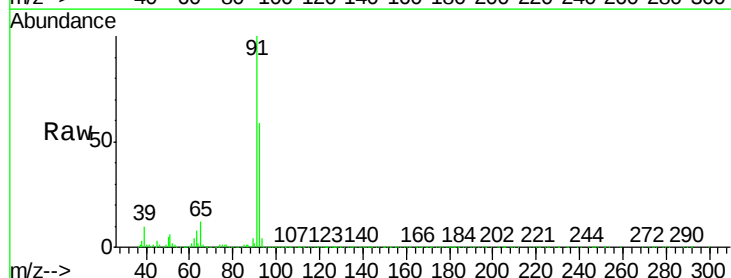
Acq: 20 Dec 2019 08:22

Tgt Ion: 92 Resp: 688435

Ion Ratio Lower Upper

92 100

91 170.5 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 47.665 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 383616

Ion Ratio Lower Upper

75 100

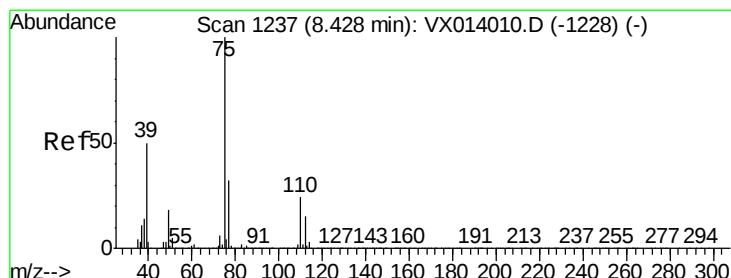
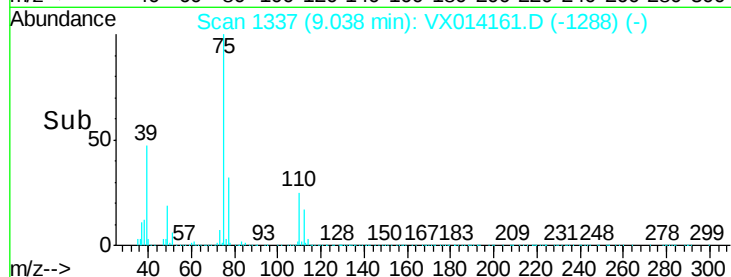
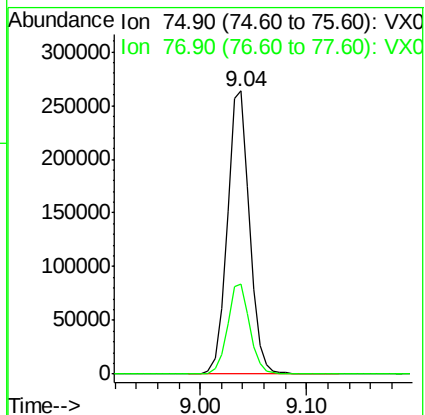
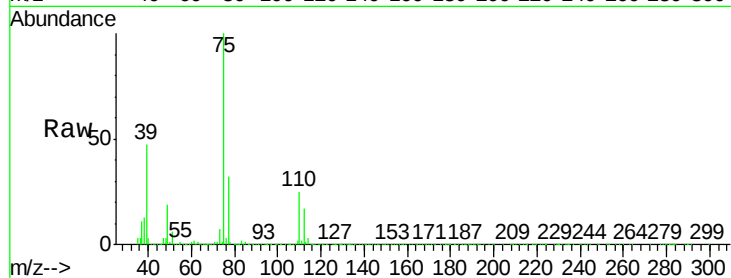
77 31.6 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 48.261 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

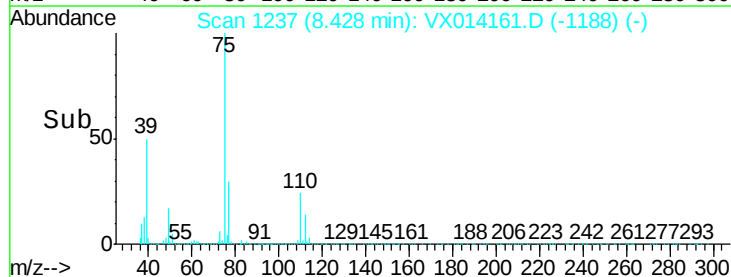
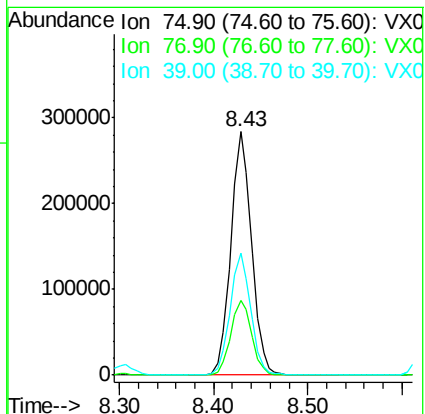
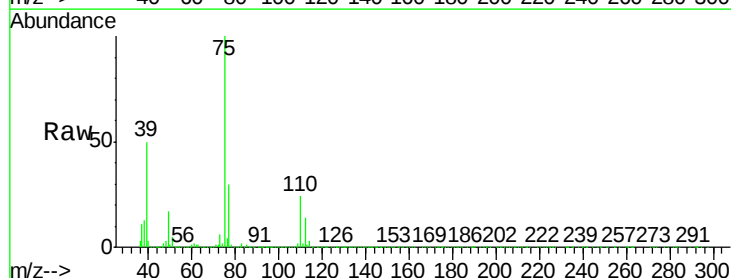
Tgt Ion: 75 Resp: 432720

Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

39 49.7 39.9 59.9





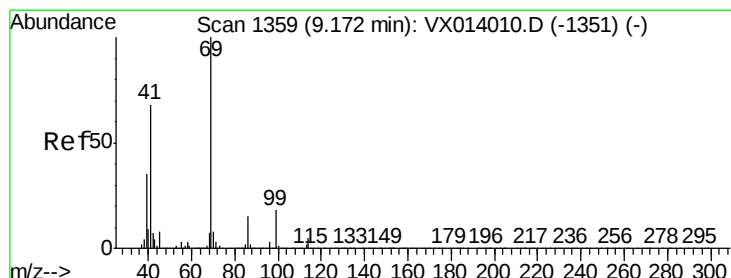
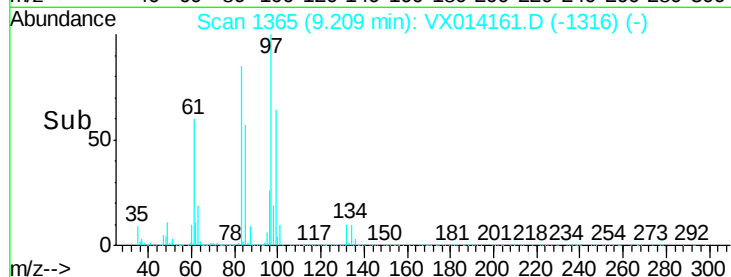
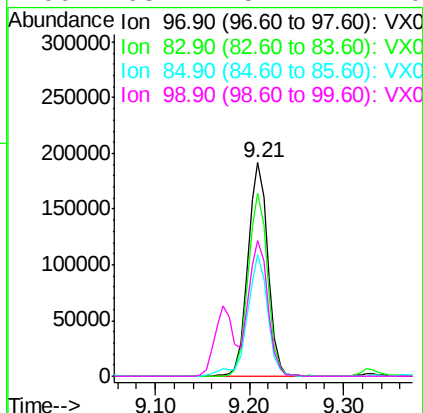
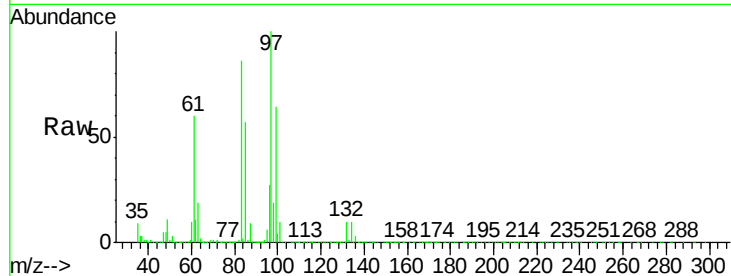
#55
 1,1,2-Trichloroethane
 Concen: 48.684 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		283637		
83	85.4	68.2	102.4		
85	56.8	44.6	66.8		
99	63.4	51.4	77.0		

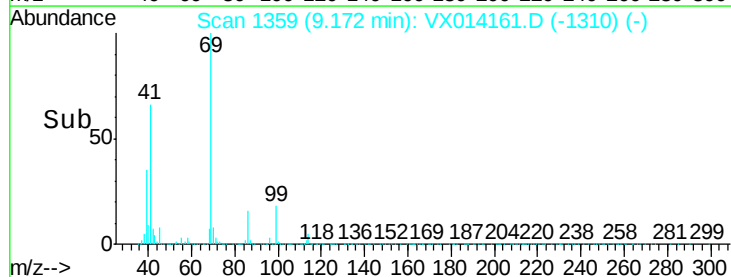
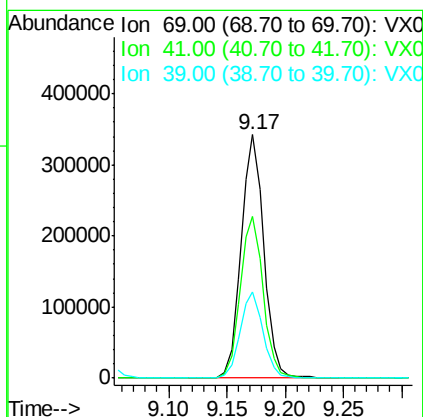
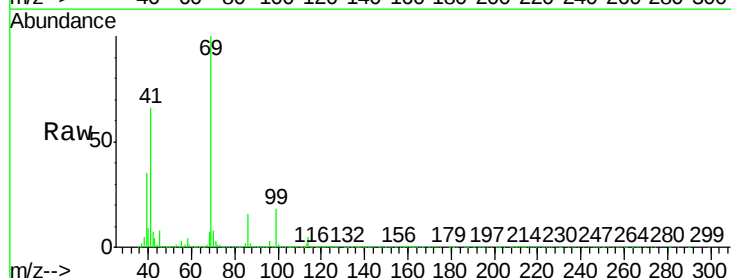
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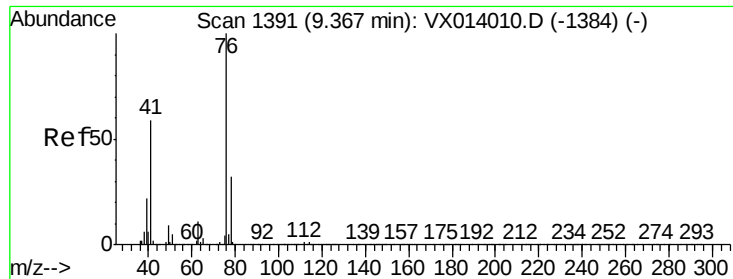
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#56
 Ethyl methacrylate
 Concen: 50.907 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		465888		
41	67.2	54.8	82.2		
39	35.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 49.231 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 482583

Ion Ratio Lower Upper

76 100

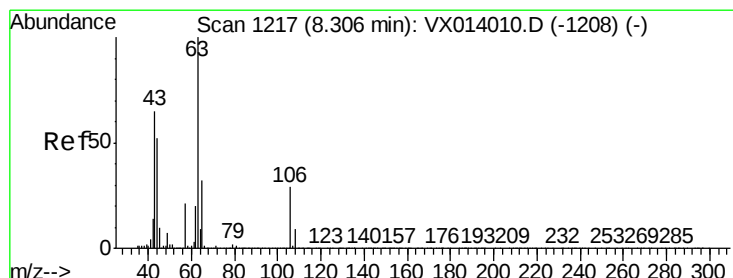
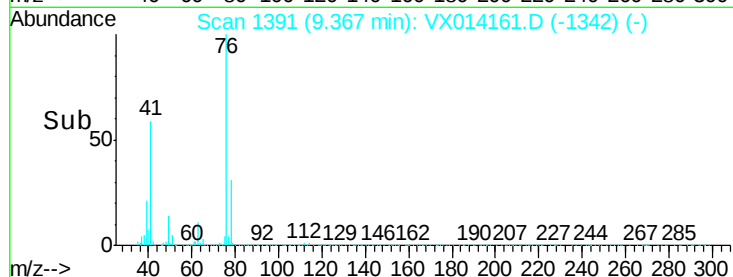
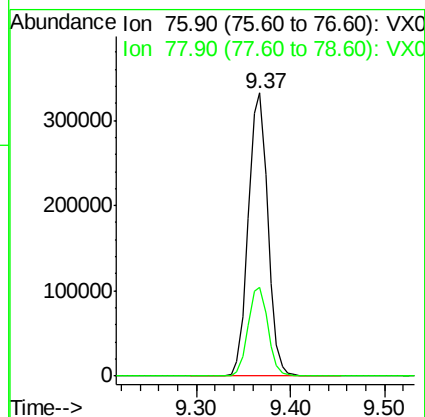
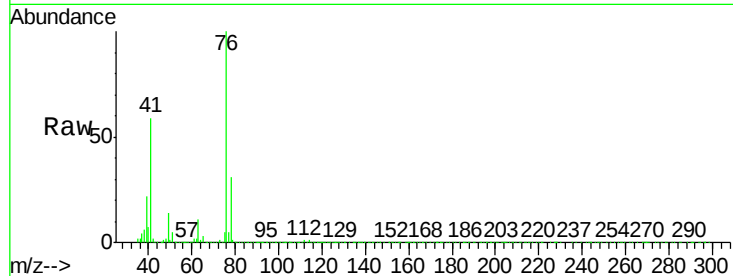
78 31.9 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 262.455 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014161.D

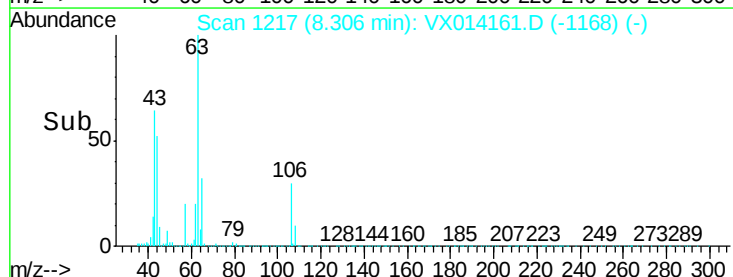
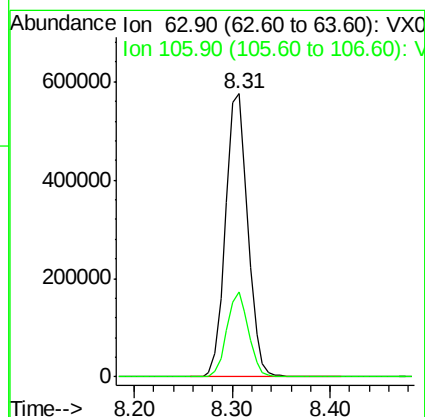
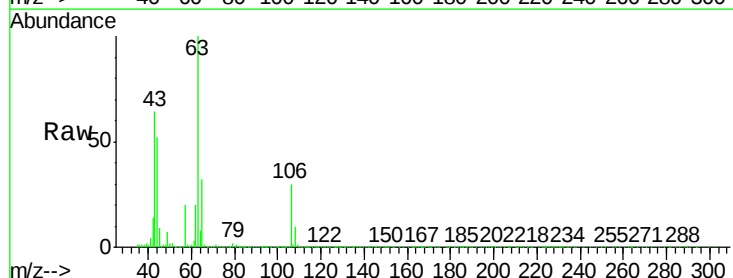
Acq: 20 Dec 2019 08:22

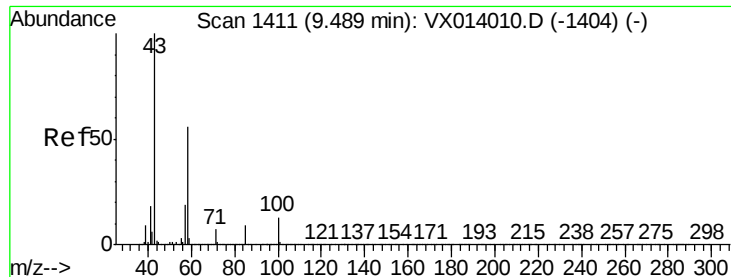
Tgt Ion: 63 Resp: 908976

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6





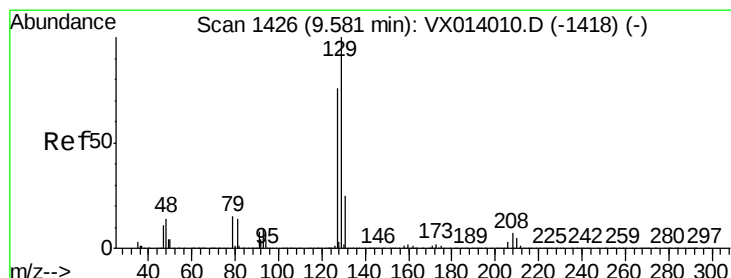
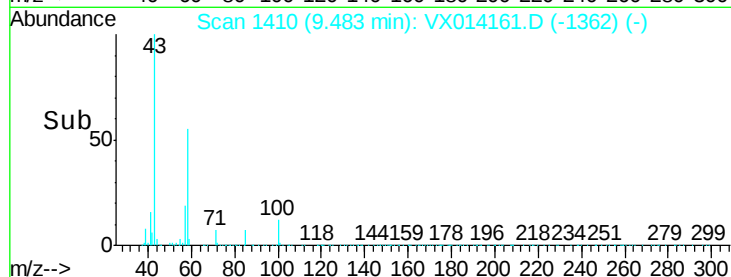
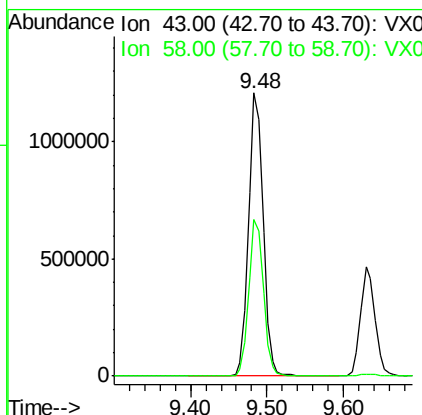
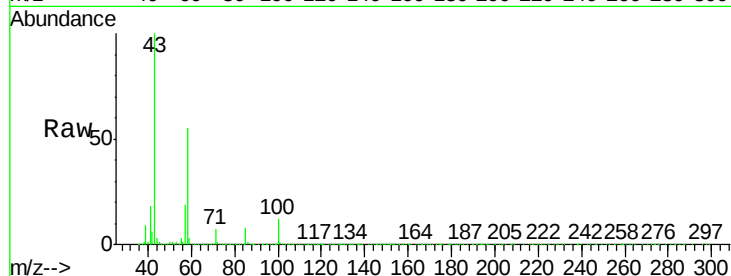
#59
2-Hexanone
Concen: 232.920 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1608514
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0

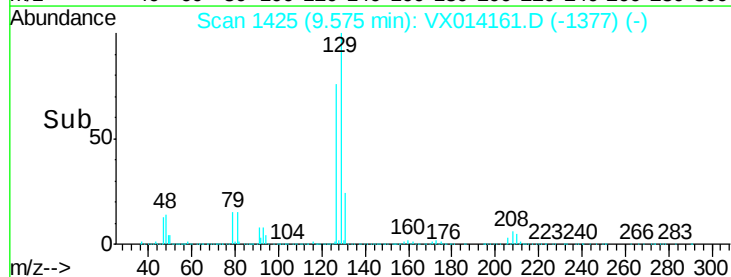
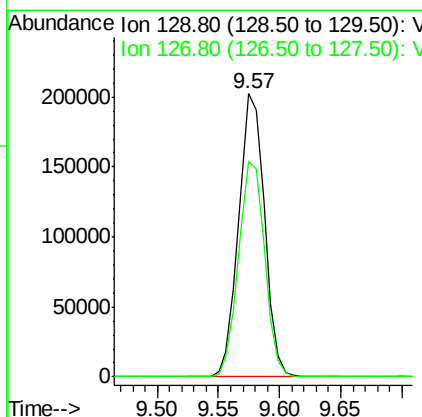
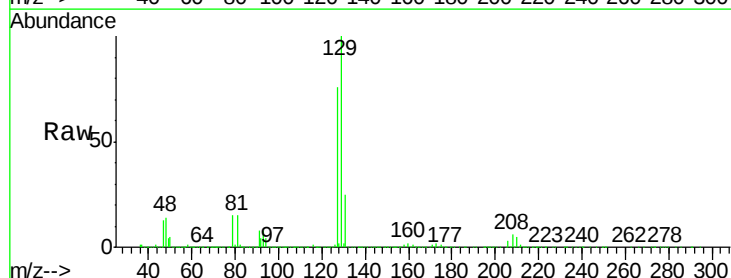
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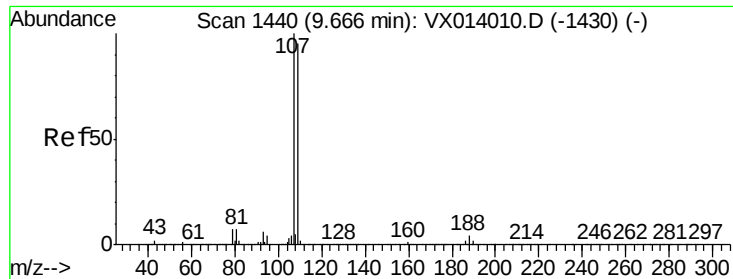
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#60
Dibromochloromethane
Concen: 51.192 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 129 Resp: 296462
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.041 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 298295

Ion Ratio Lower Upper

107 100

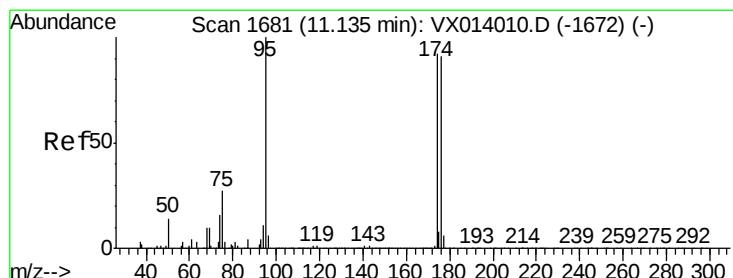
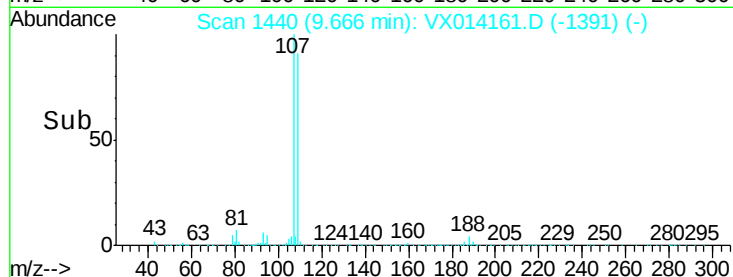
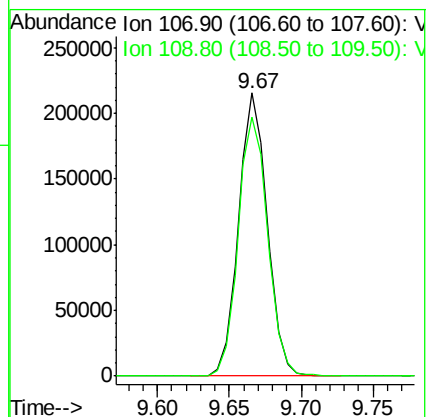
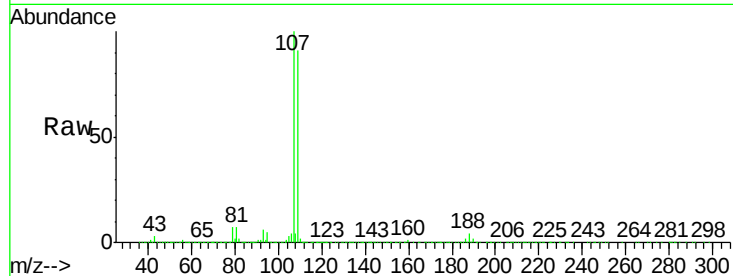
109 94.2 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.894 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

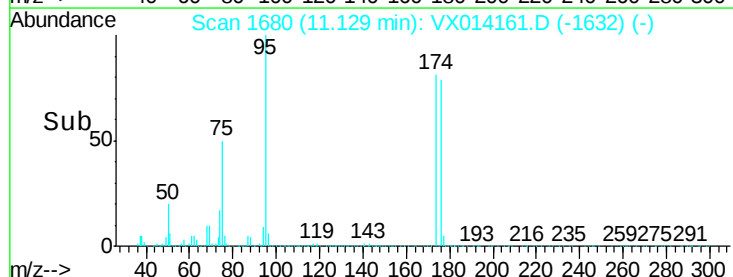
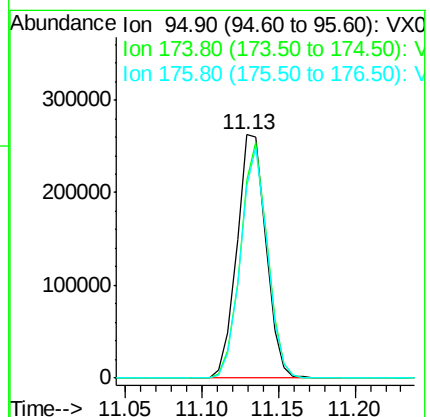
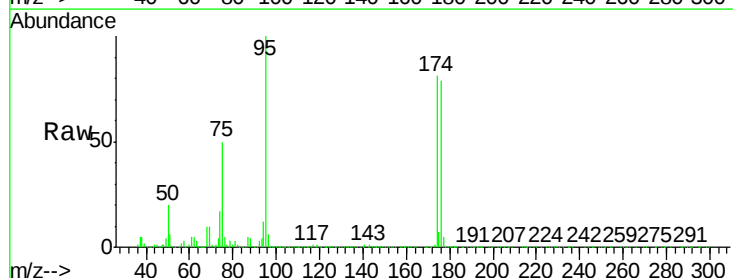
Tgt Ion: 95 Resp: 344574

Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.8

176 87.3 0.0 173.0





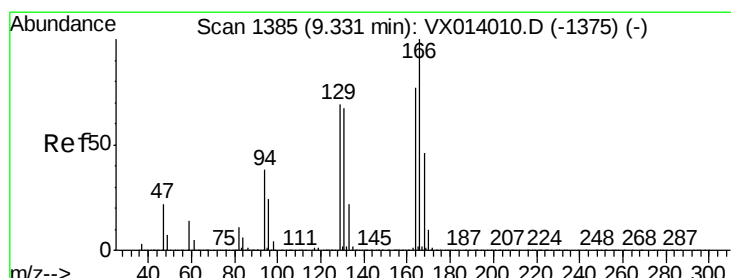
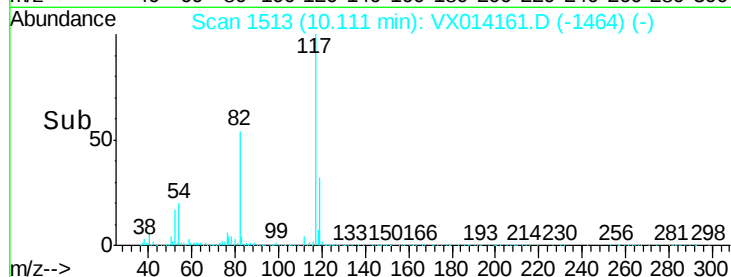
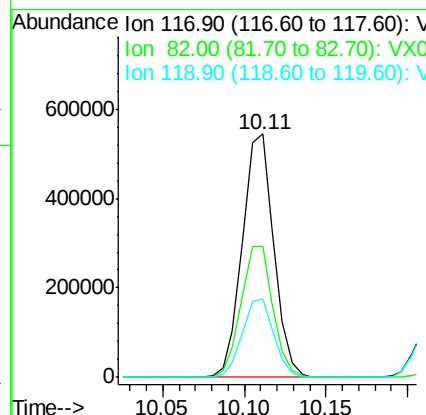
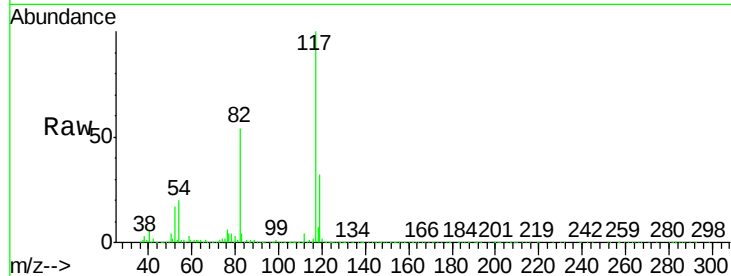
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.4
119	32.2	25.1	37.7

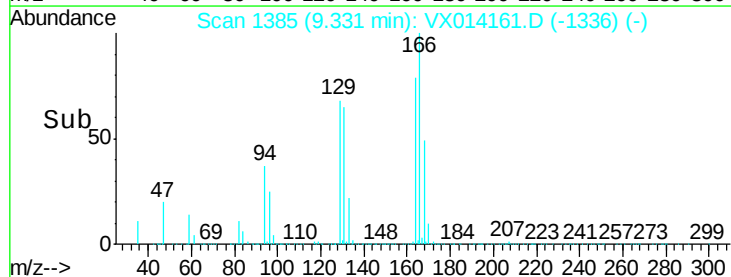
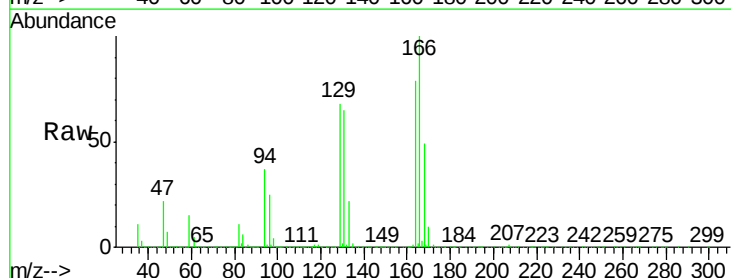
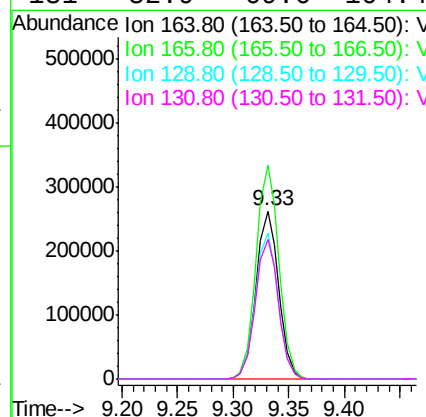
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#64
Tetrachloroethene
Concen: 57.525 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.0	156.0
129	86.9	72.2	108.4
131	82.9	69.6	104.4





#65

Chlorobenzene

Concen: 48.227 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 750248

Ion Ratio Lower Upper

112 100

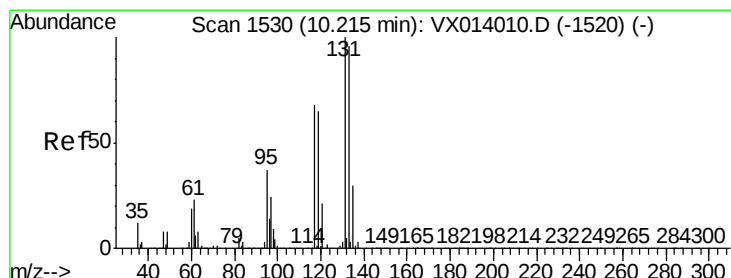
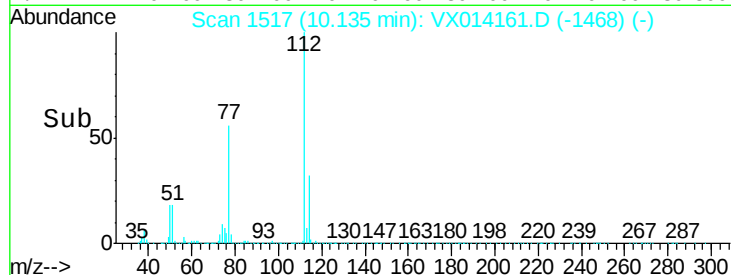
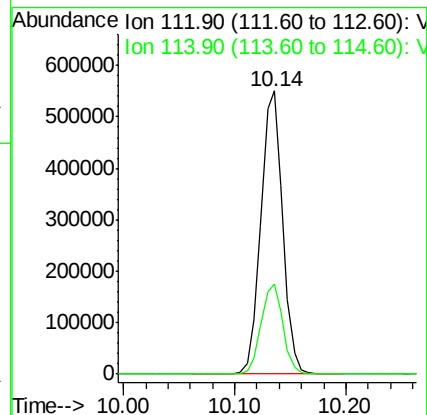
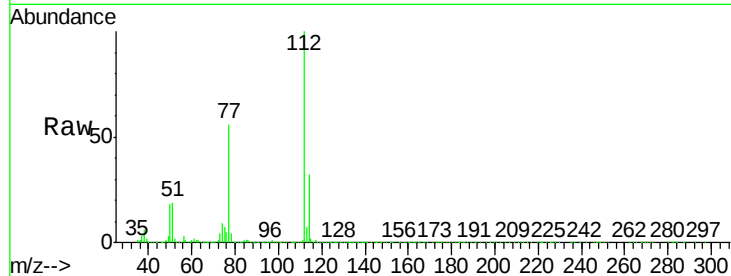
114 31.6 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.288 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

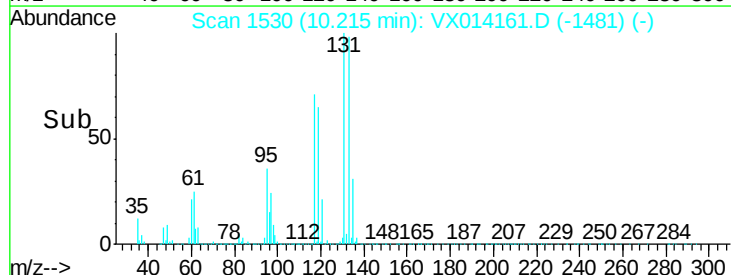
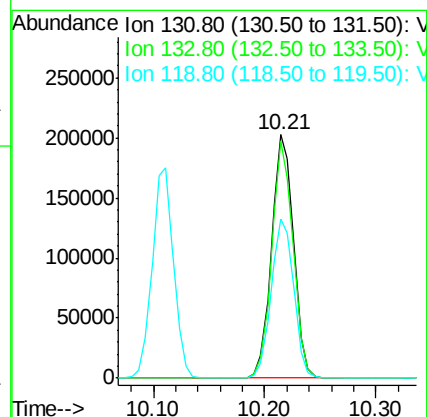
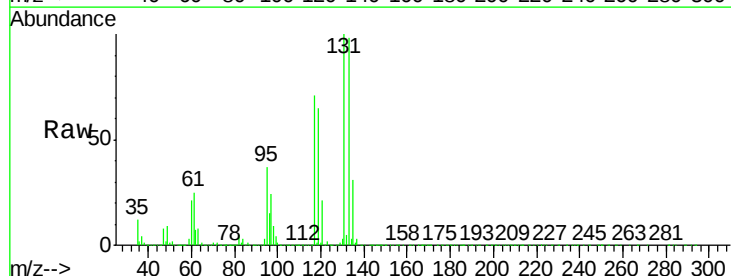
Tgt Ion:131 Resp: 279328

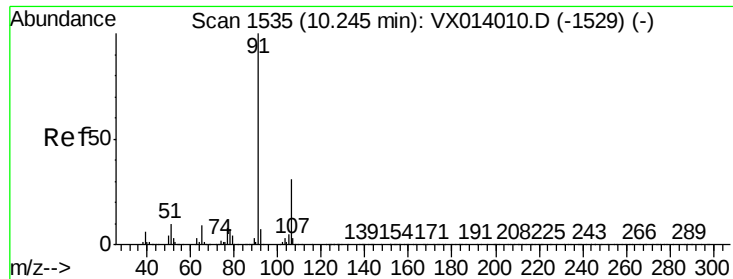
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.0

119 66.7 33.4 100.2





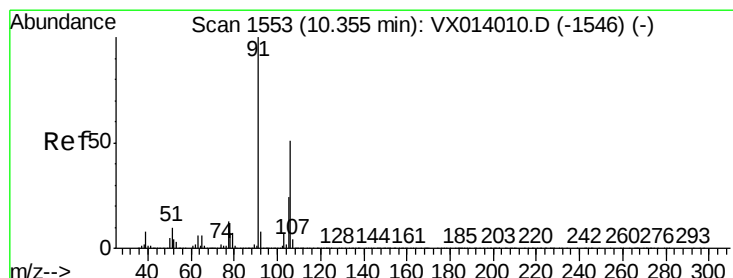
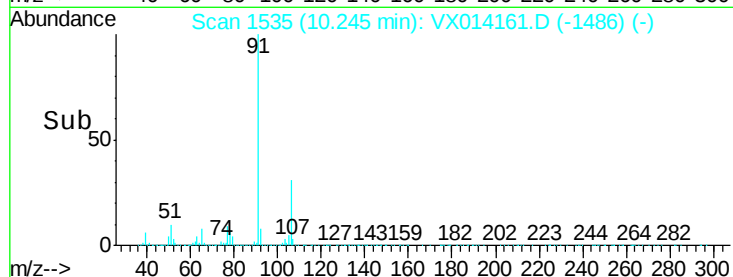
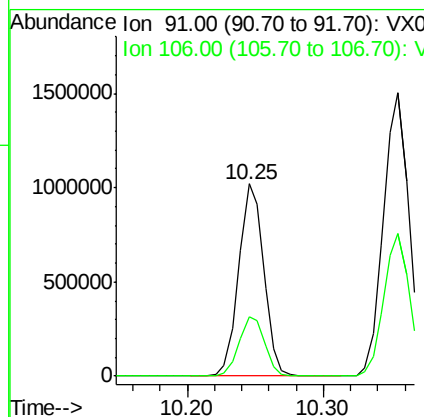
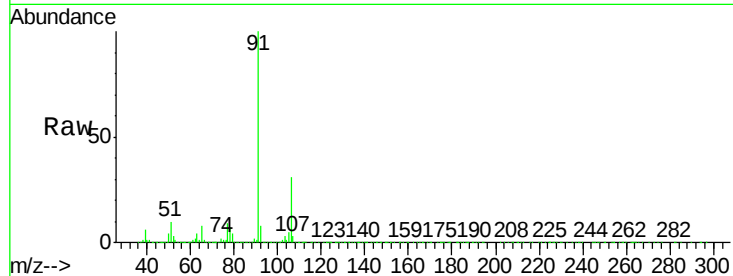
#67
Ethyl Benzene
Concen: 48.984 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1310083
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

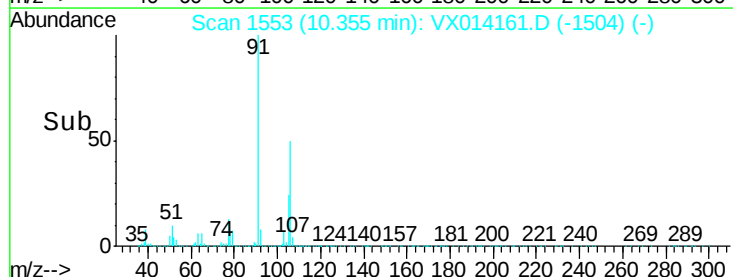
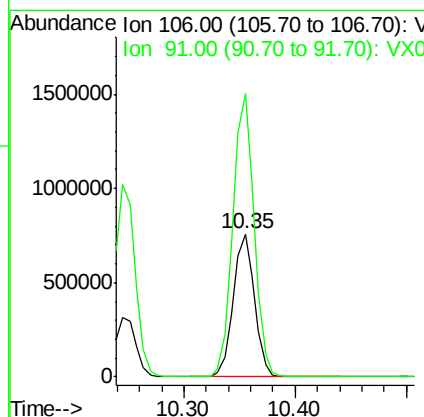
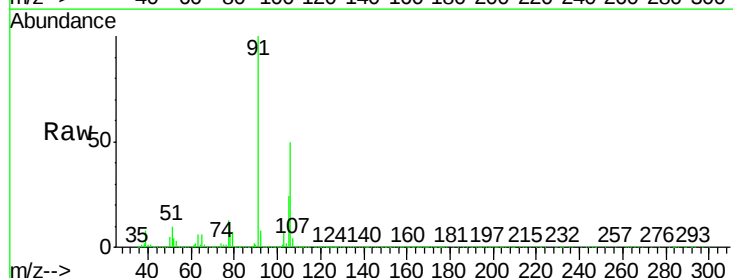
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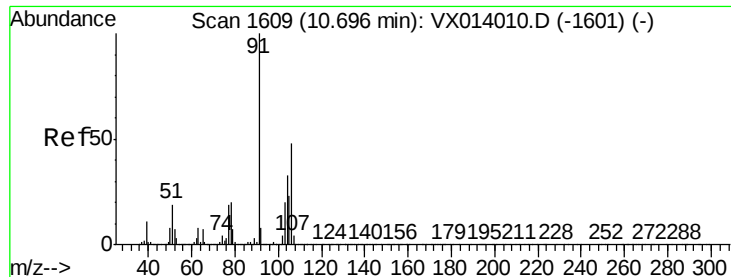
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#68
m/p-Xylenes
Concen: 96.770 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion: 106 Resp: 995442
Ion Ratio Lower Upper
106 100
91 198.8 158.6 238.0





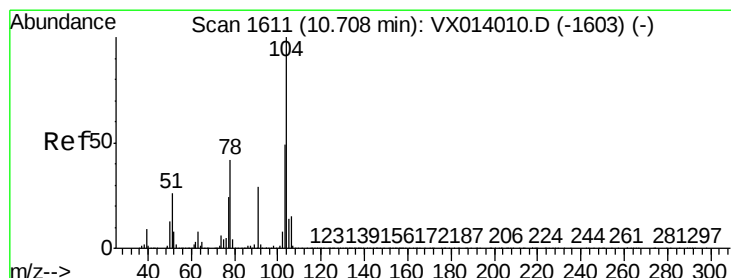
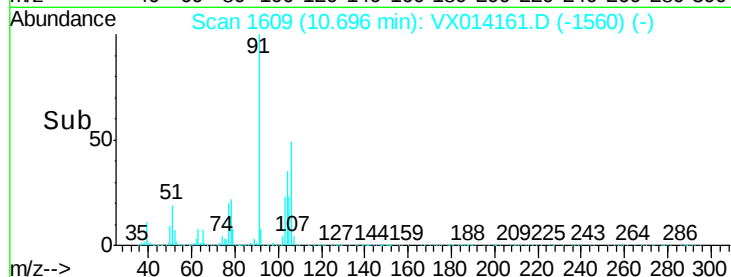
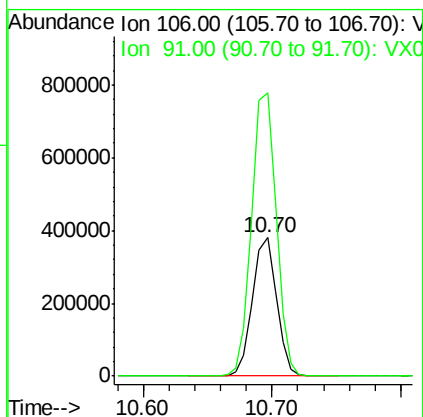
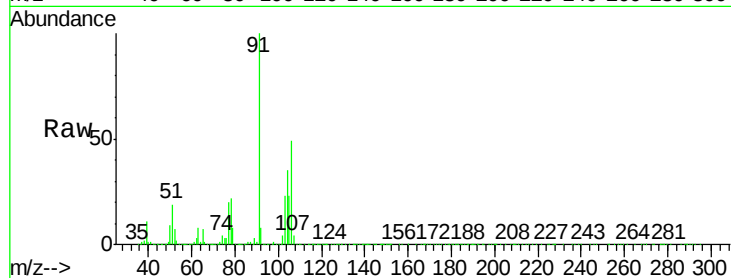
#69
o-Xylene
Concen: 48.408 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	104.2	312.6

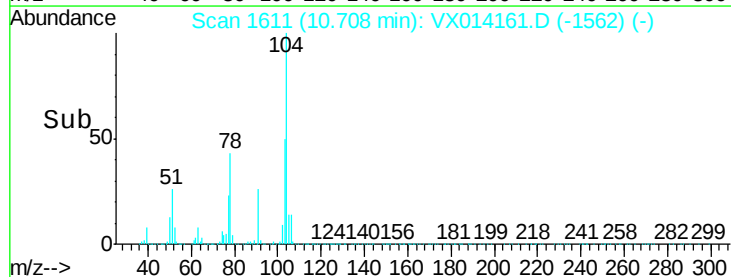
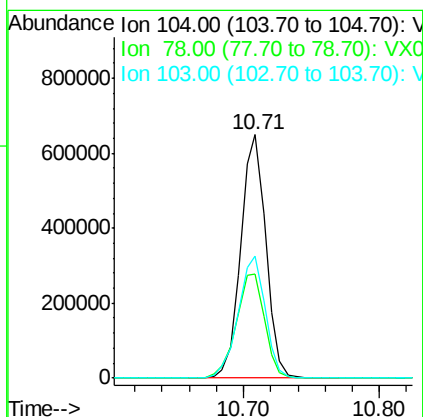
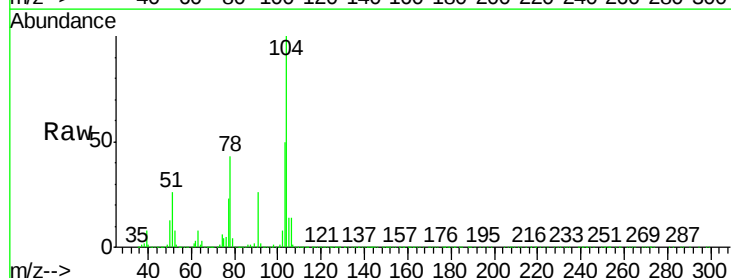
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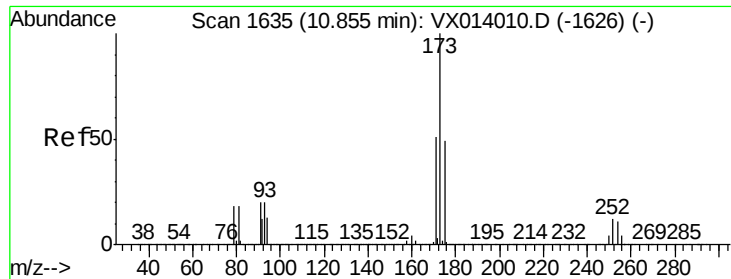
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#70
Styrene
Concen: 48.824 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.3	42.9	64.3





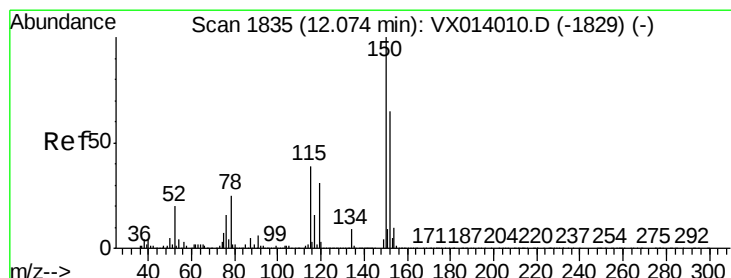
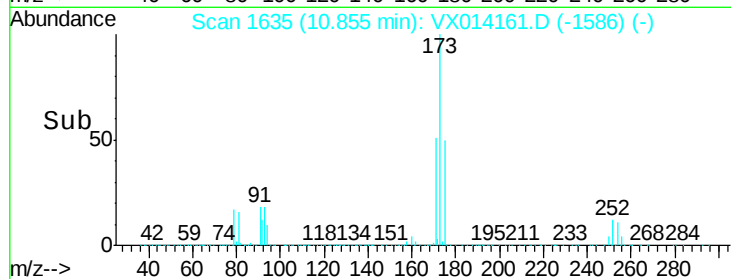
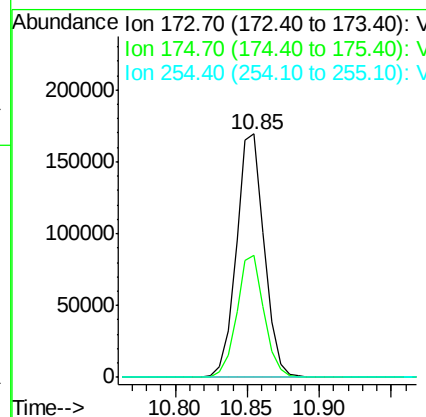
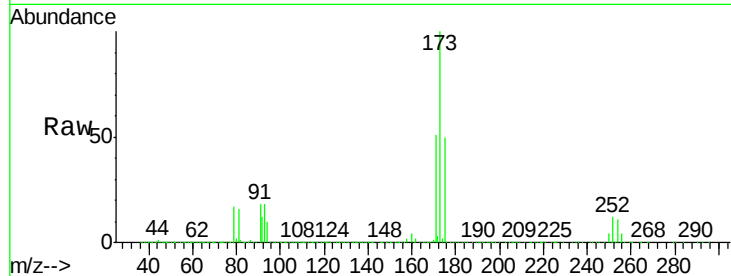
#71
Bromoform
Concen: 51.167 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.4
254	0.2	0.2	0.2

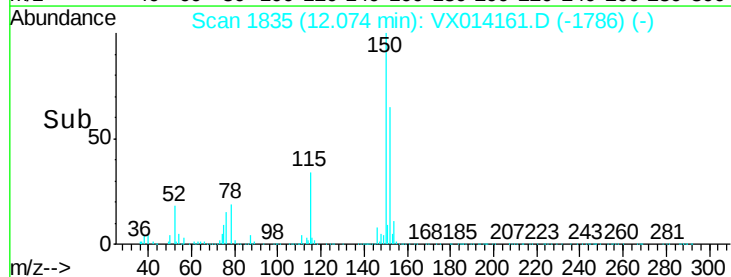
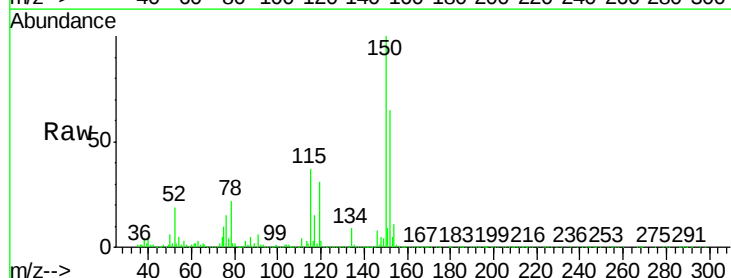
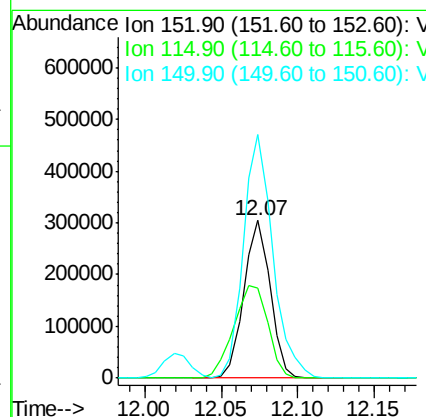
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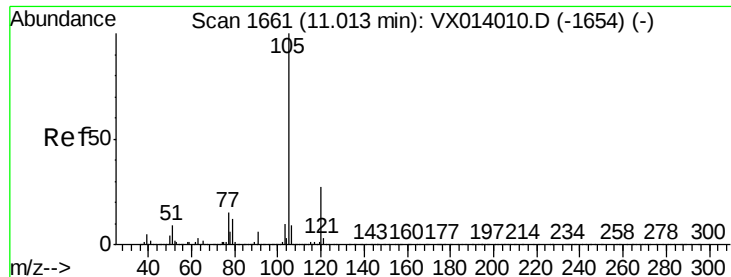
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.5	38.3	114.9
150	172.6	0.0	345.4





#73

Isopropylbenzene

Concen: 50.074 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1280054

Ion Ratio Lower Upper

105 100

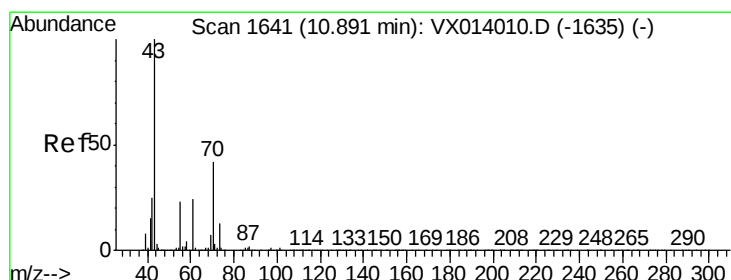
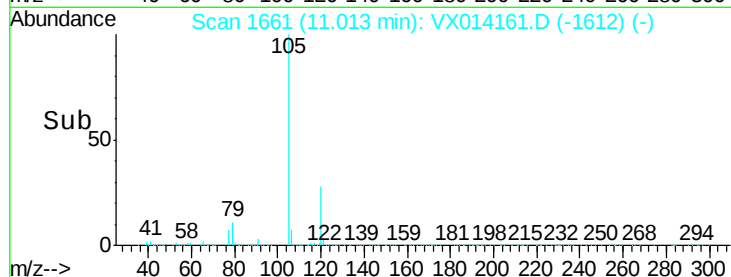
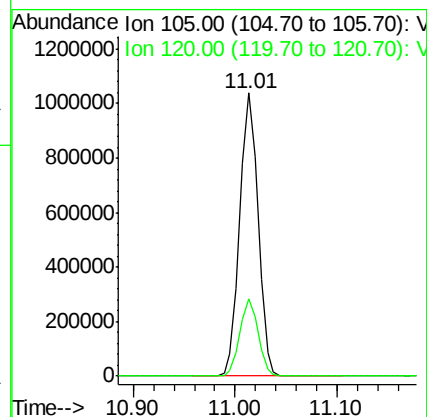
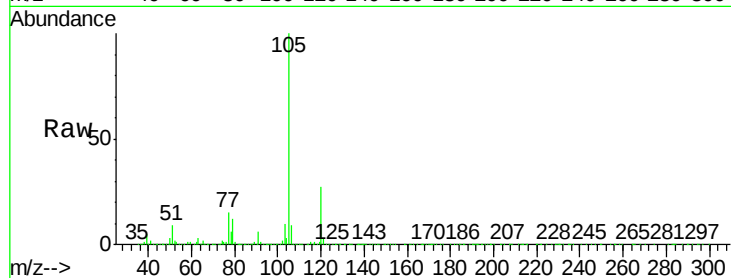
120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 50.549 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion: 43 Resp: 605714

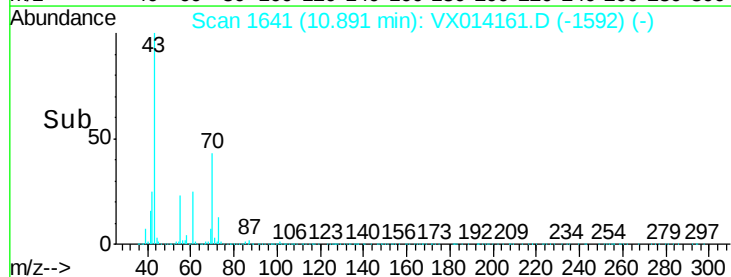
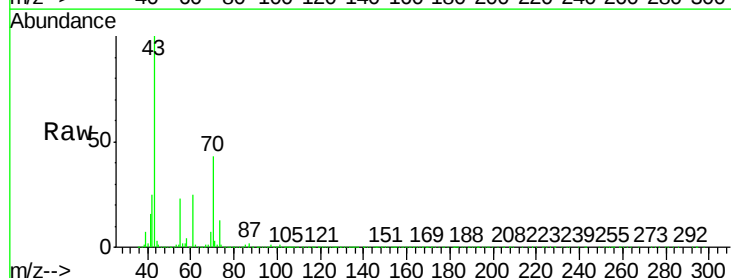
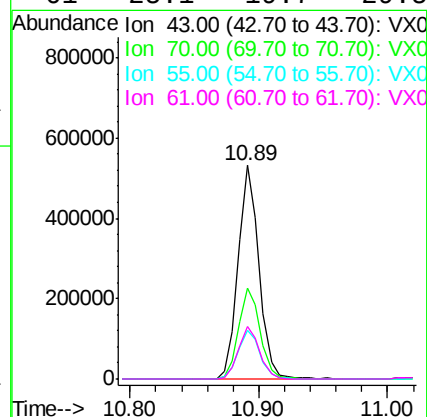
Ion Ratio Lower Upper

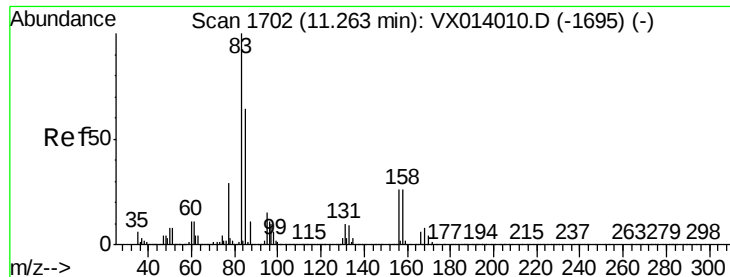
43 100

70 43.8 34.4 51.6

55 23.8 19.1 28.7

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.268 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

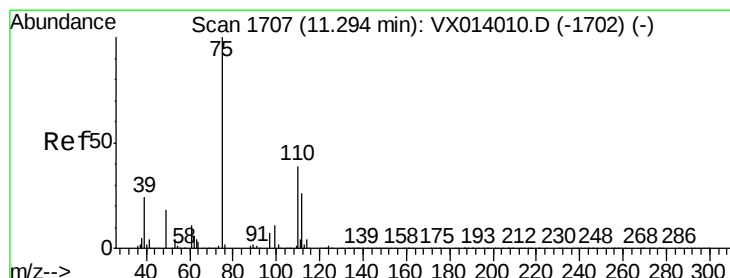
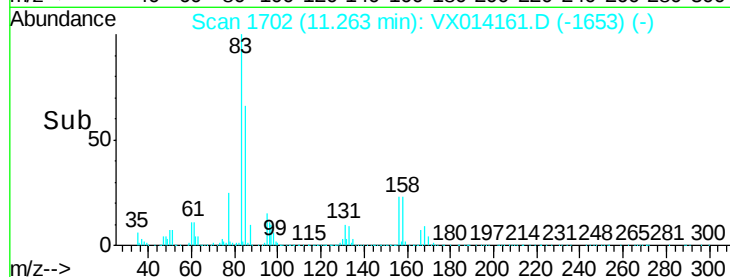
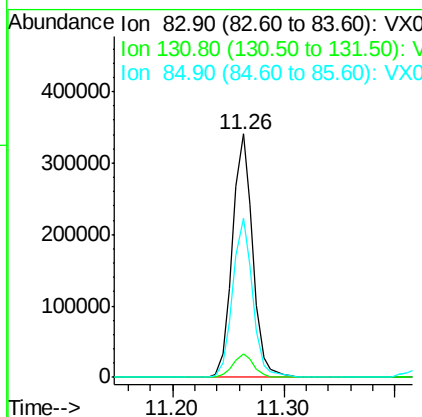
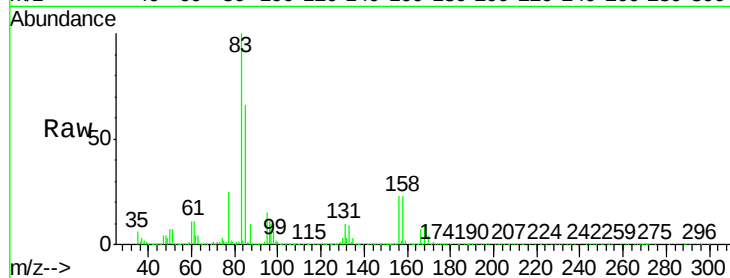
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	427777
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	64.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 51.384 ug/l m

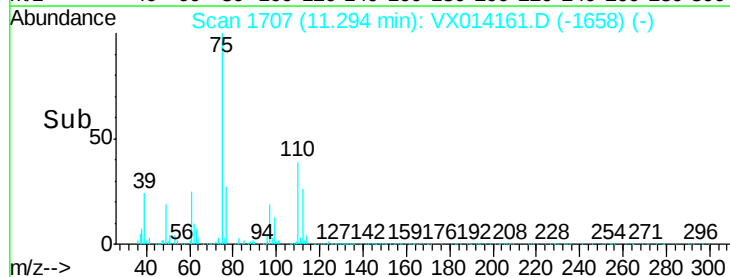
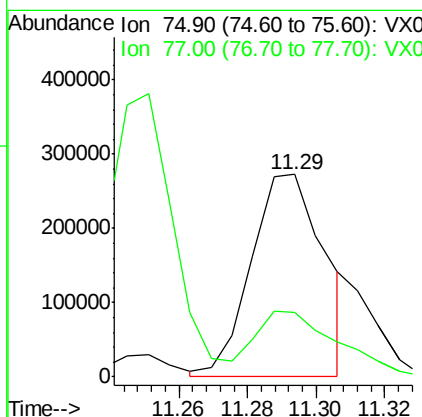
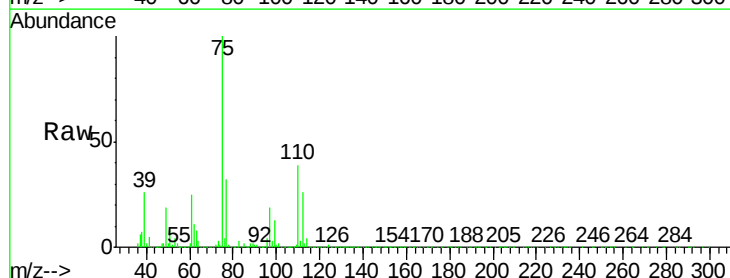
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	75	Resp:	405025
Ion Ratio	Lower	Upper	
75	100		
77	36.5	19.3	57.8





#77

Bromobenzene

Concen: 47.965 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

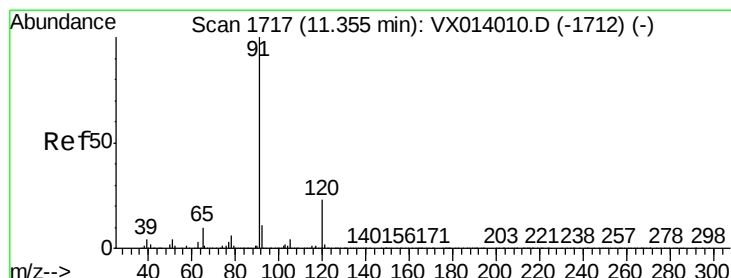
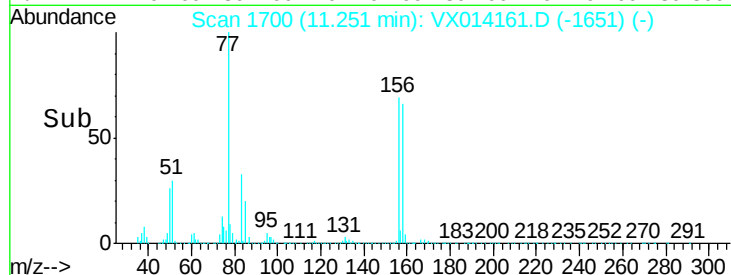
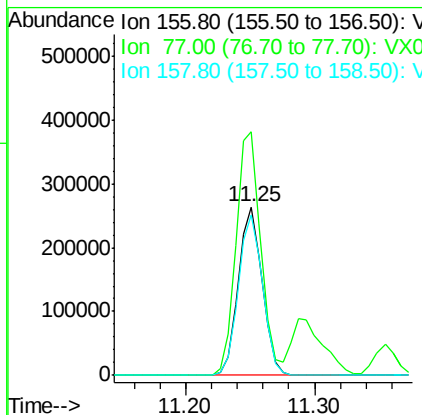
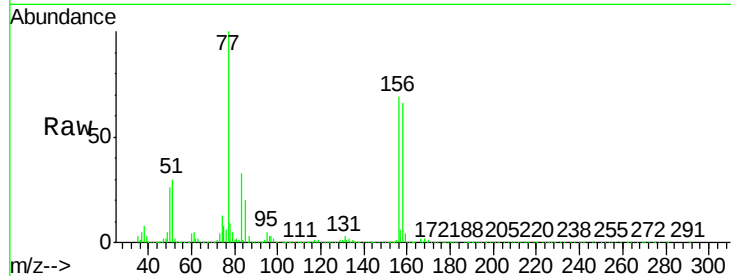
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	337361
Ion Ratio	Lower	Upper	
156	100		
77	151.5	76.5	229.5
158	96.5	49.3	147.9

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#78

n-propylbenzene

Concen: 49.938 ug/l

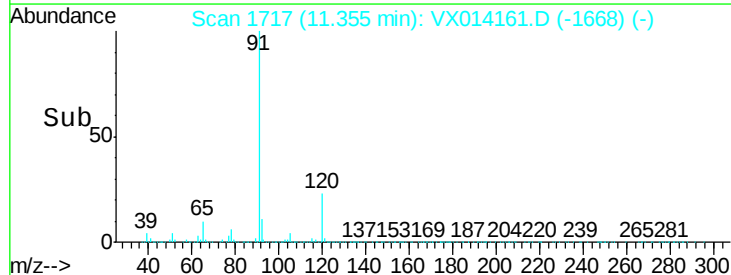
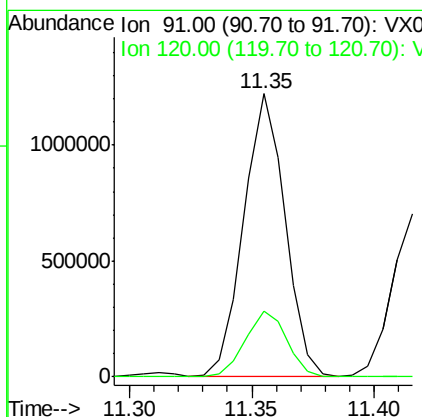
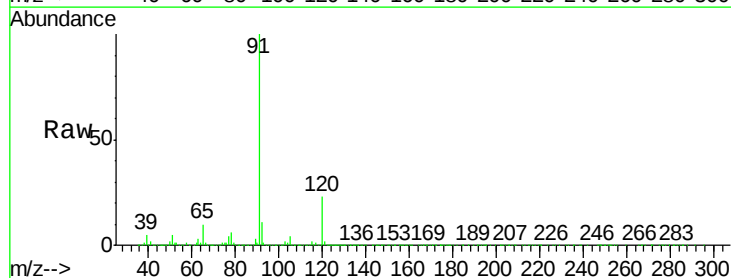
RT: 11.35 min Scan# 1717

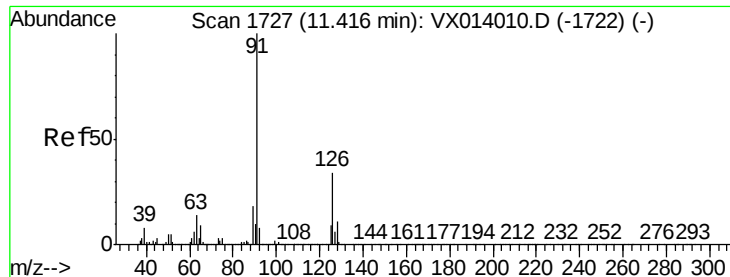
Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Tgt Ion:	91	Resp:	1431911
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 48.590 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 846924

Ion Ratio Lower Upper

91 100

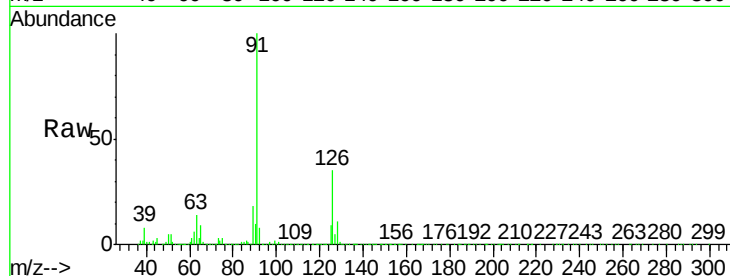
126 35.2 17.2 51.6

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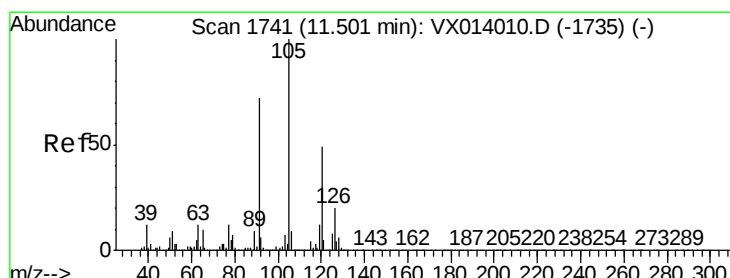
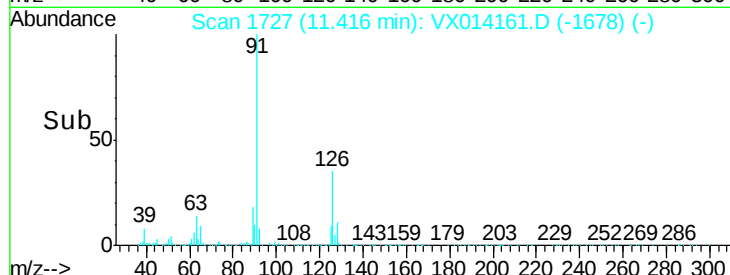
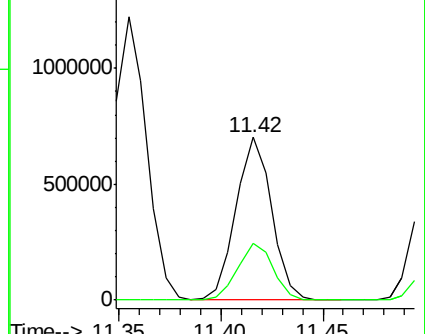
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.246 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014161.D

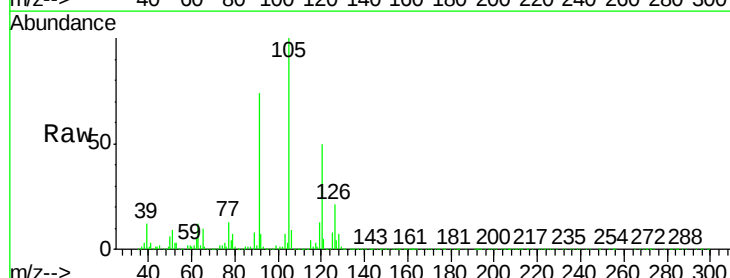
Acq: 20 Dec 2019 08:22

Tgt Ion:105 Resp: 1059483

Ion Ratio Lower Upper

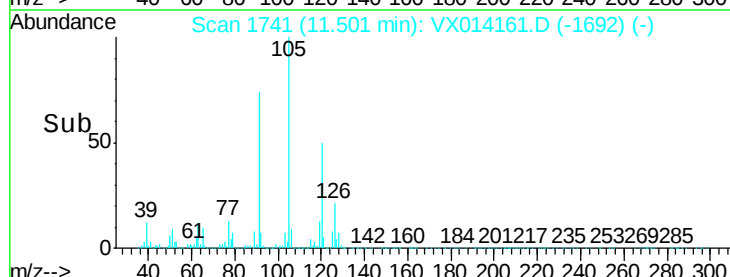
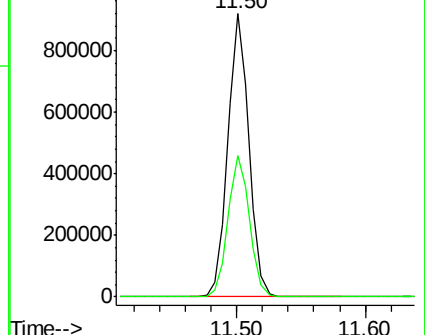
105 100

120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





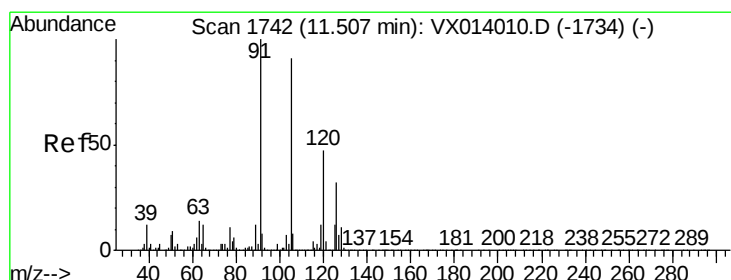
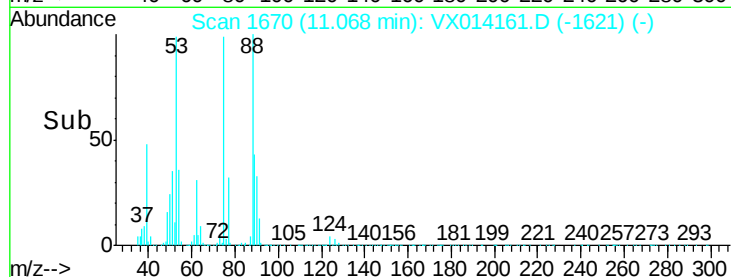
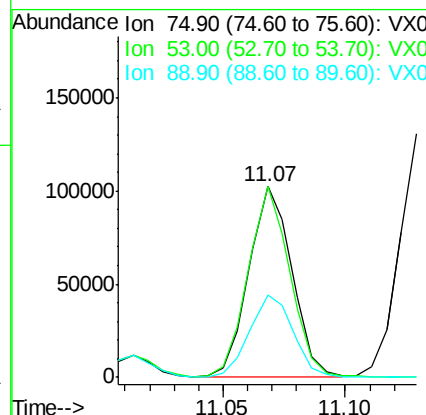
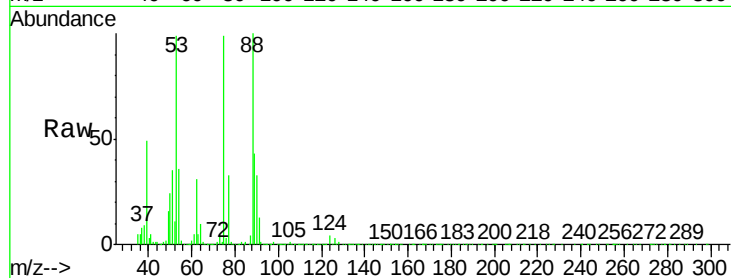
#81
trans-1,4-Dichloro-2-butene
Concen: 44.670 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	76.7	115.1
89	44.5	34.6	51.8

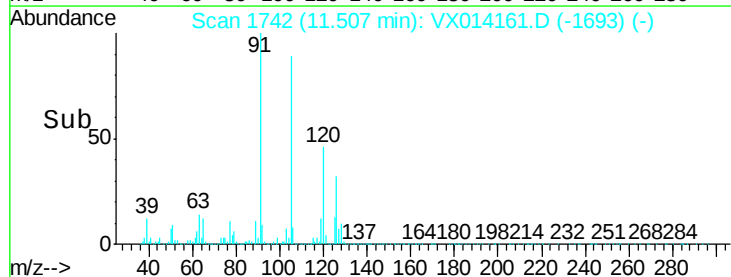
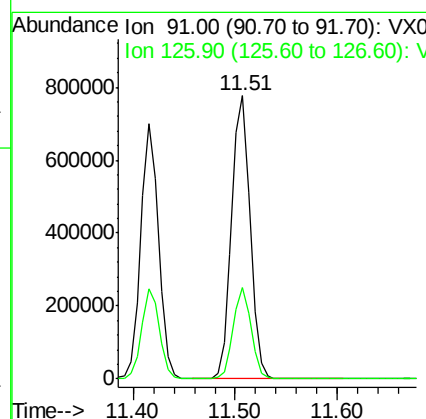
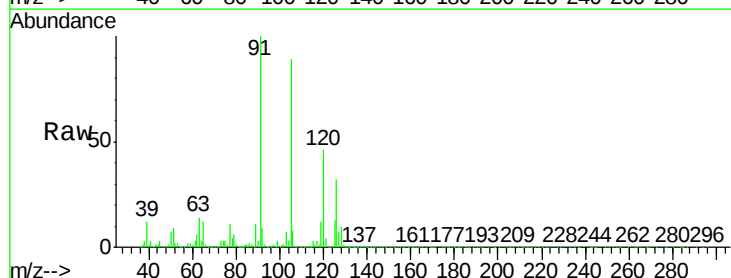
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#82
4-Chlorotoluene
Concen: 48.163 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.8





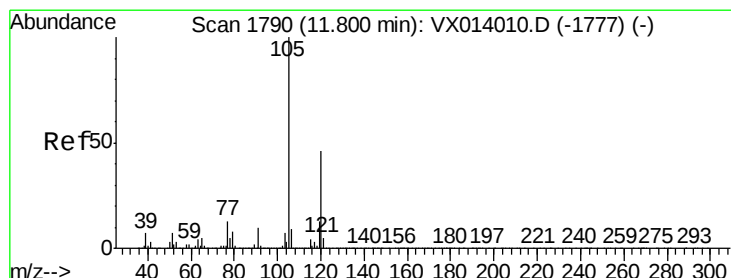
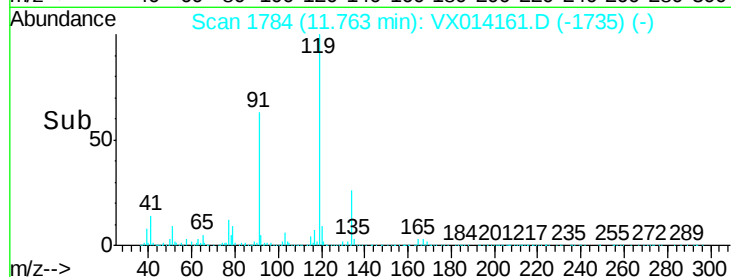
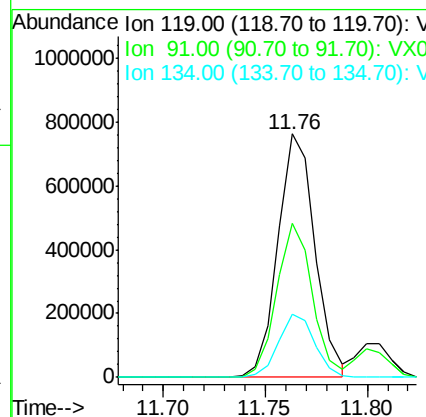
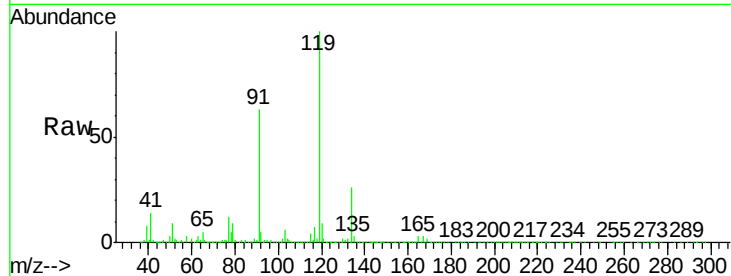
#83
tert-Butylbenzene
Concen: 46.232 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	28.5	85.6
134	25.4	12.2	36.6

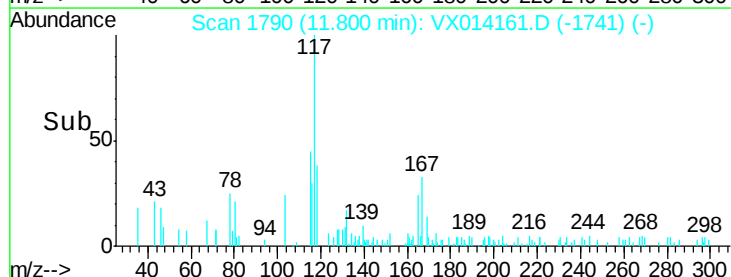
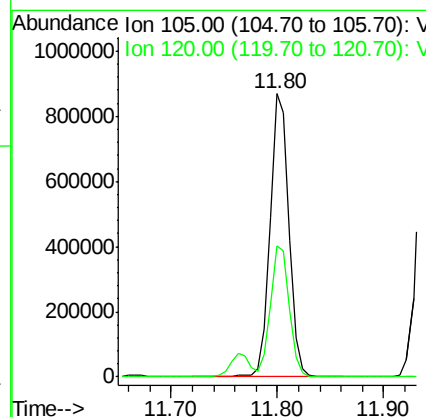
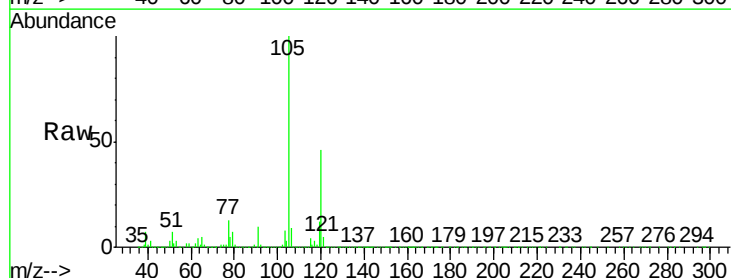
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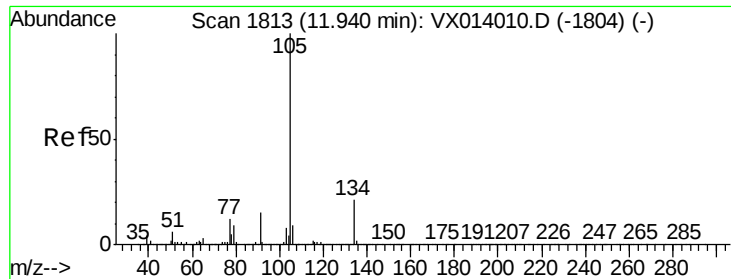
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#84
1,2,4-Trimethylbenzene
Concen: 49.769 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.274 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1217892

Ion Ratio Lower Upper

105 100

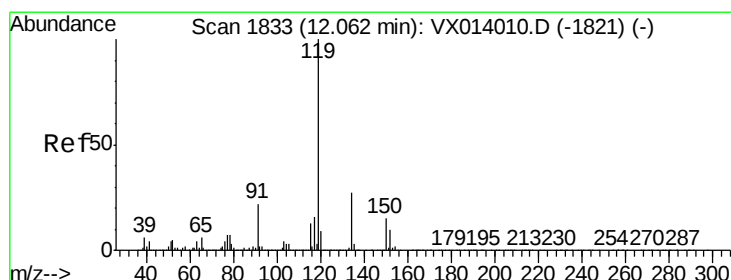
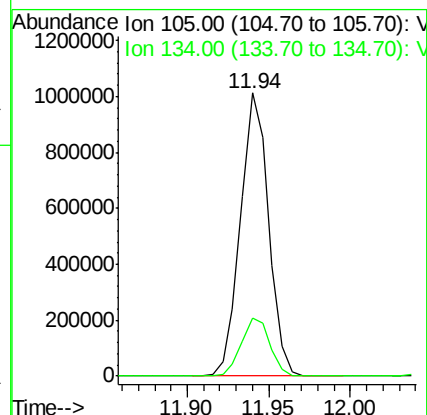
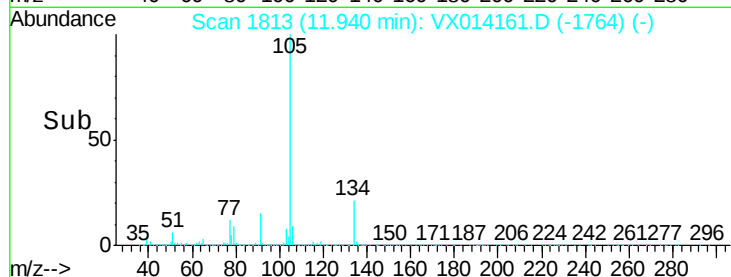
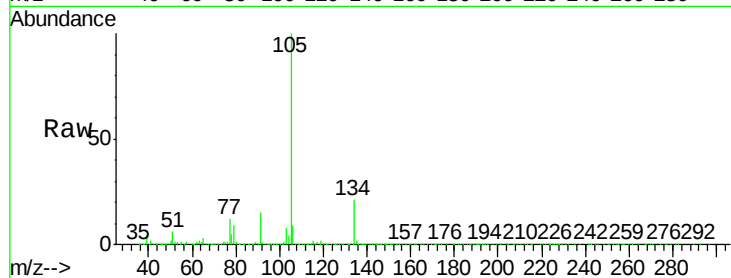
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.182 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014161.D

Acq: 20 Dec 2019 08:22

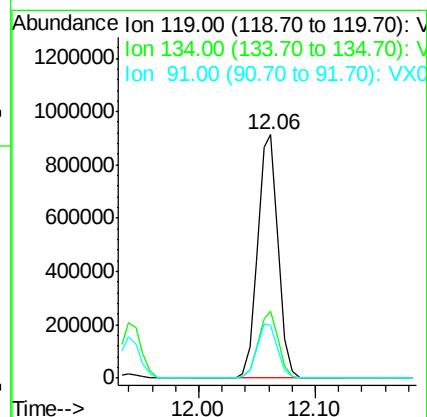
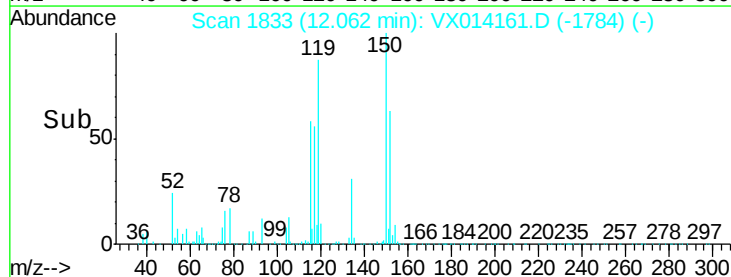
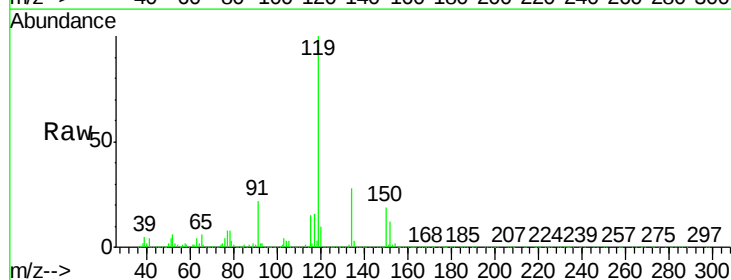
Tgt Ion:119 Resp: 1111962

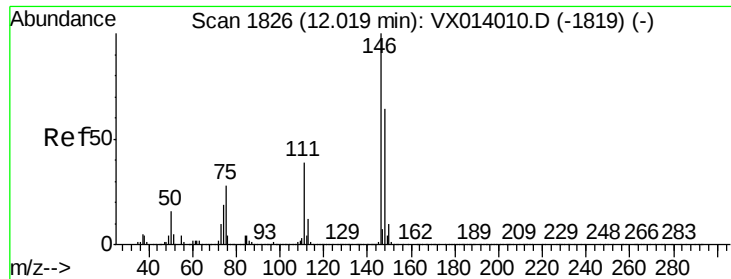
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.5 11.4 34.1





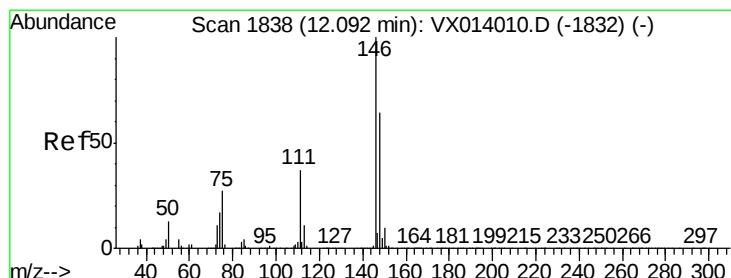
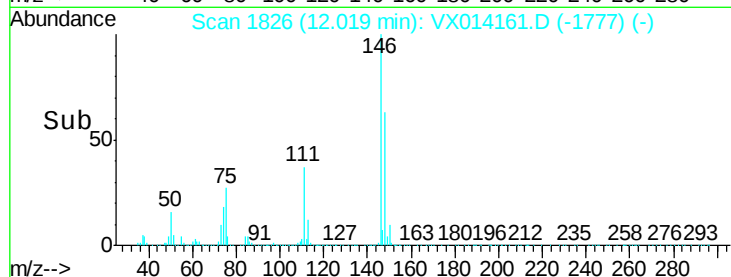
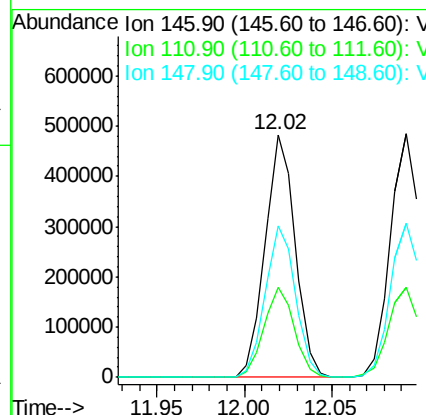
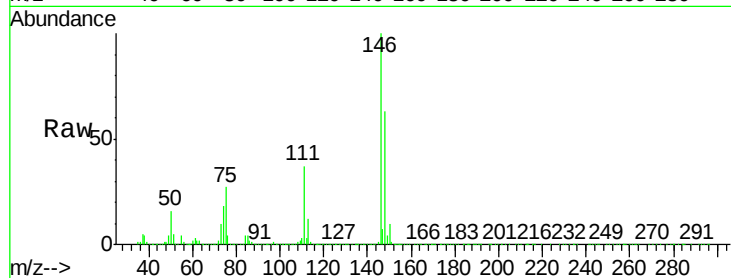
#87
 1,3-Dichlorobenzene
 Concen: 47.510 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	62.8	32.3	96.9

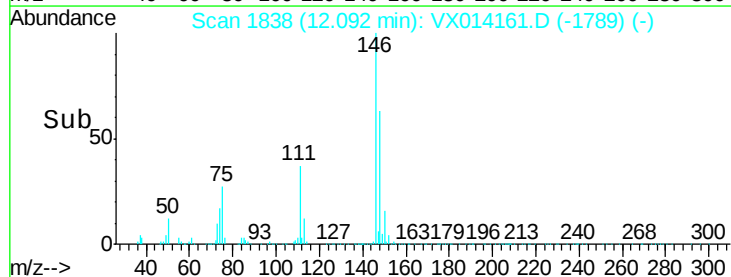
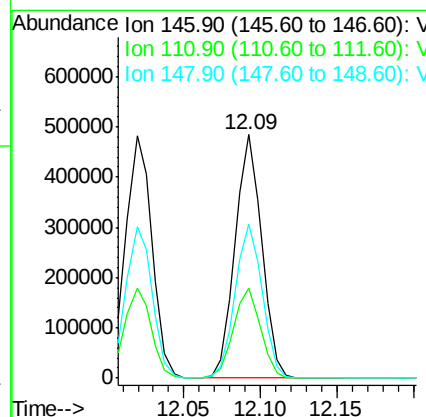
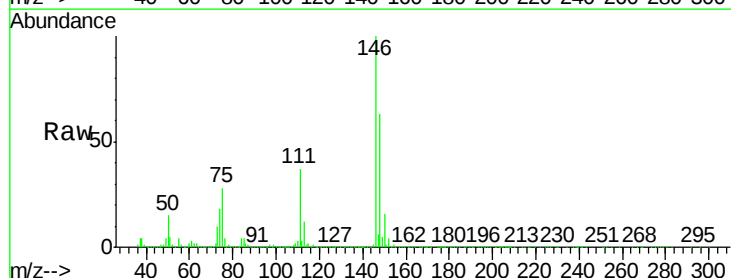
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#88
 1,4-Dichlorobenzene
 Concen: 46.579 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.3	31.9	95.9





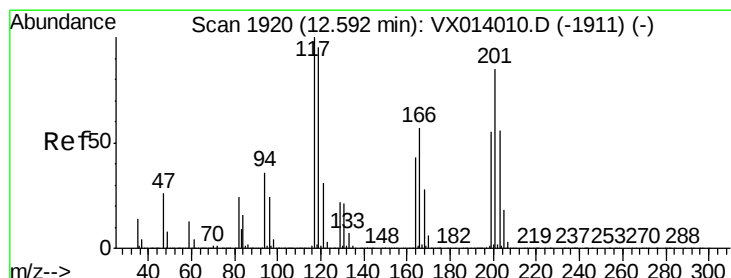
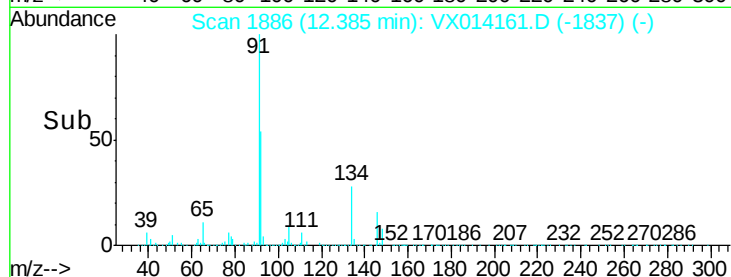
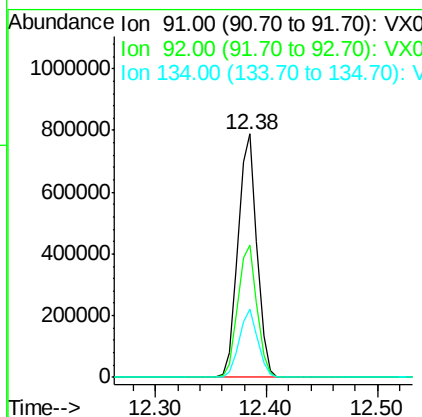
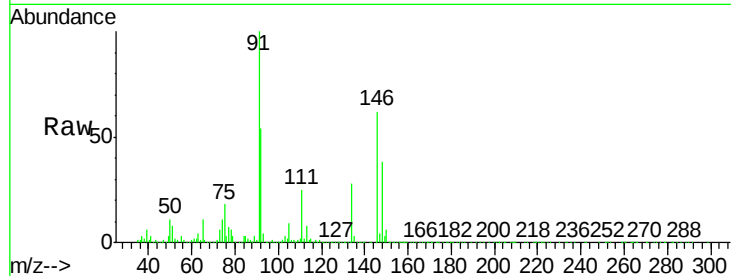
#89
n-Butylbenzene
Concen: 47.788 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.0	27.2	81.6	
134	27.3	13.4	40.1	

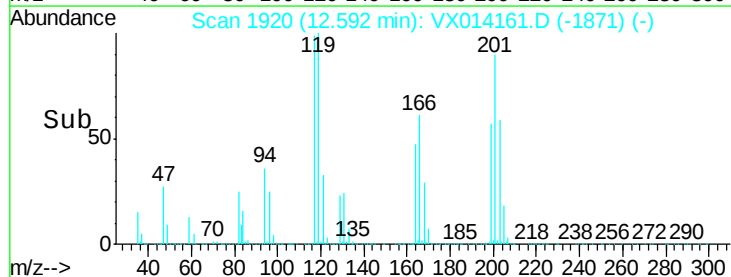
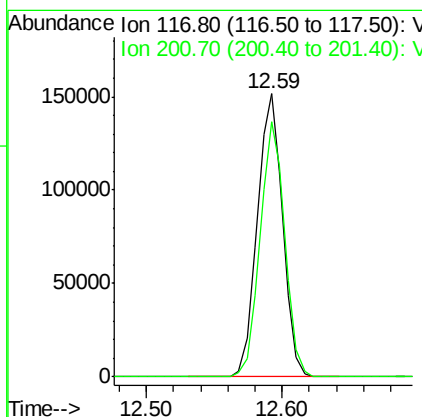
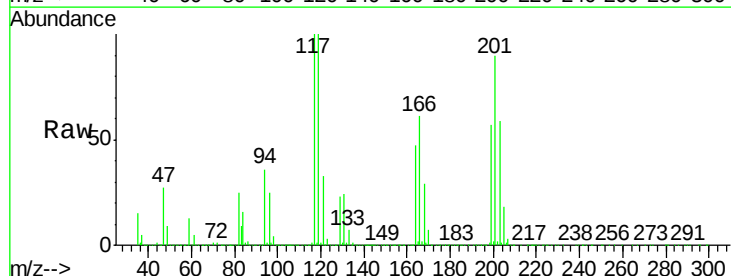
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#90
Hexachloroethane
Concen: 48.686 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.3	43.1	129.3	





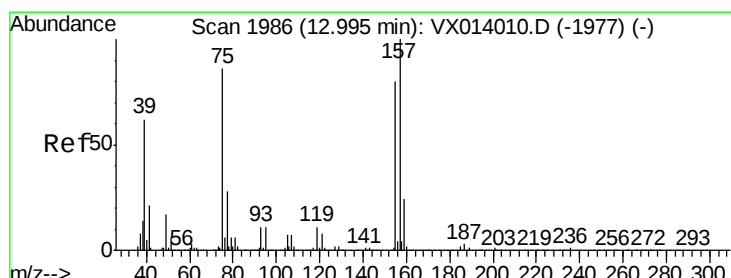
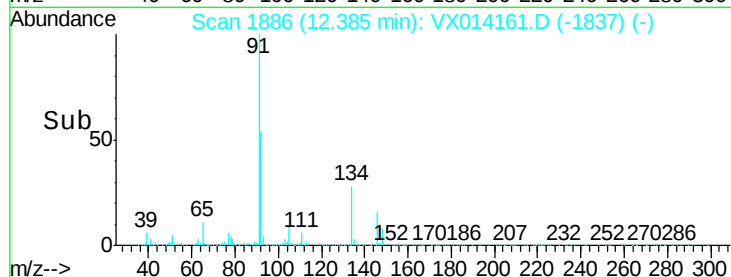
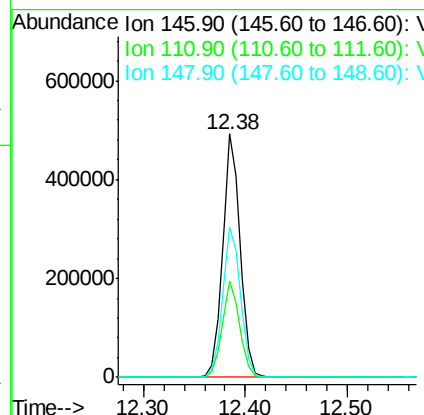
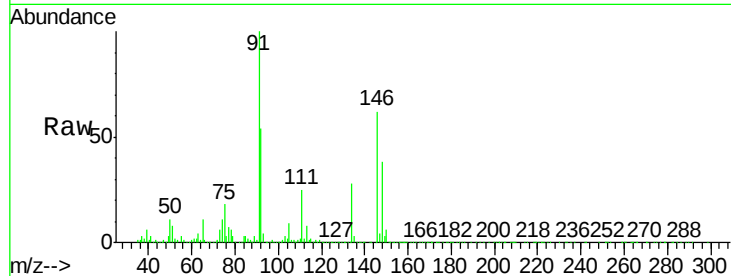
#91
 1,2-Dichlorobenzene
 Concen: 47.875 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	63.3	32.1	96.5

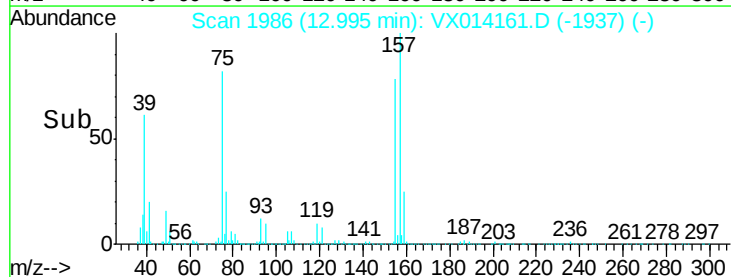
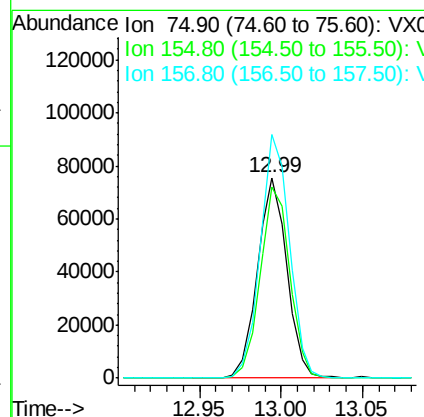
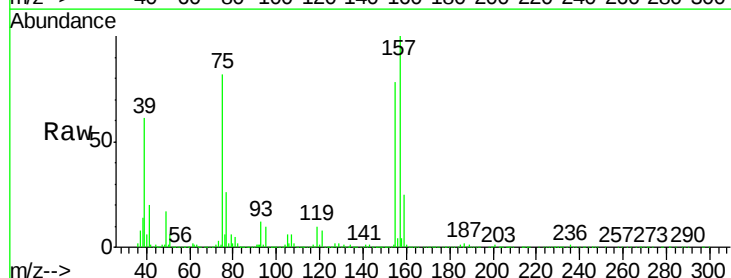
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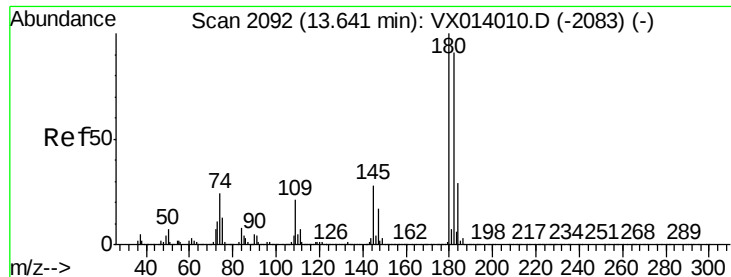
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.221 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014161.D
 Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.9	140.6
157	121.4	60.8	182.4





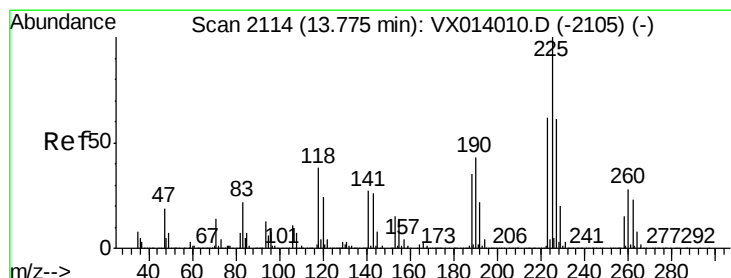
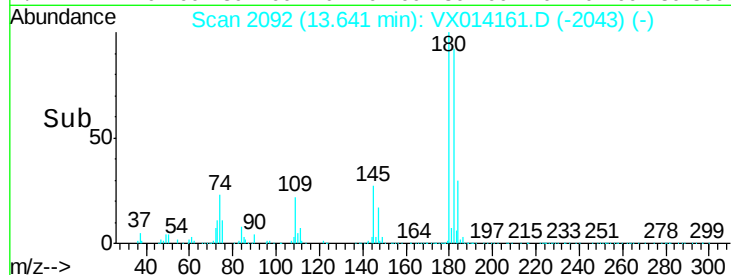
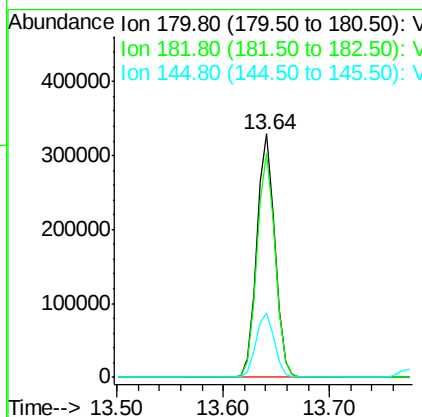
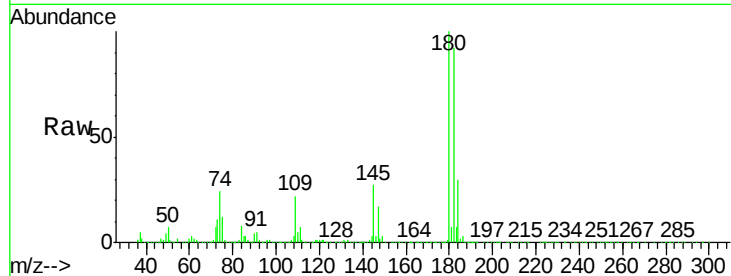
#93
1,2,4-Trichlorobenzene
Concen: 48.663 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.6	139.8
145	26.9	14.2	42.6

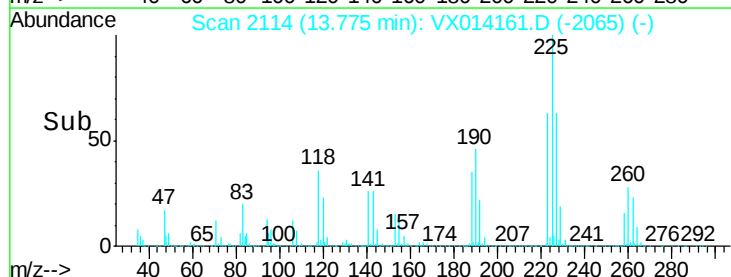
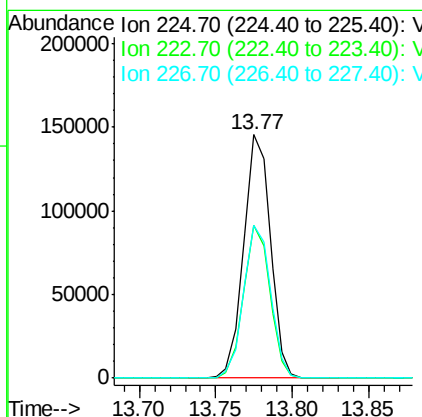
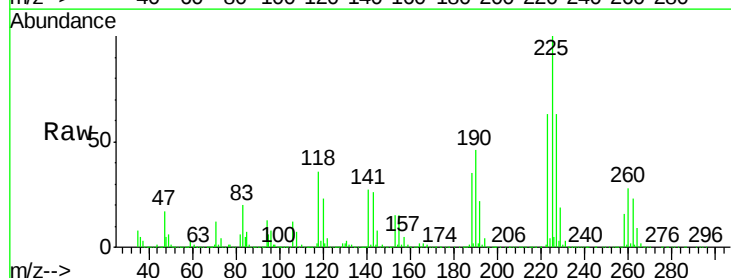
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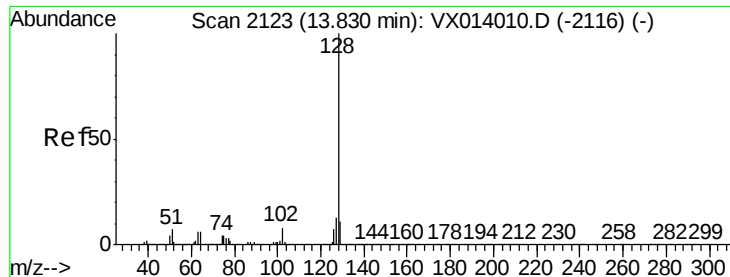
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#94
Hexachlorobutadiene
Concen: 45.687 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.9	92.5
227	63.3	30.9	92.7





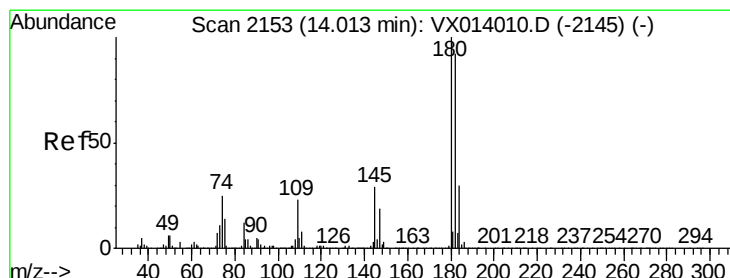
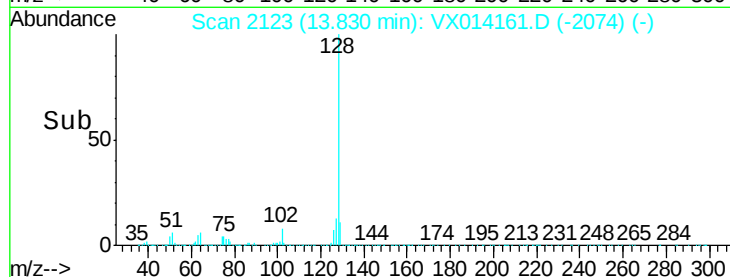
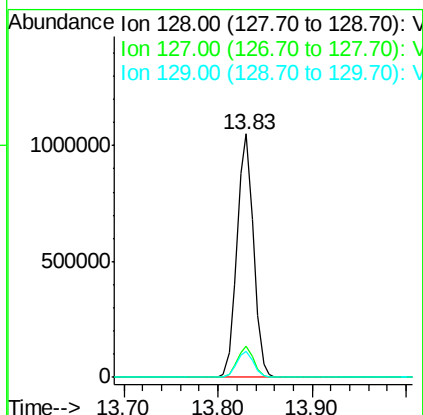
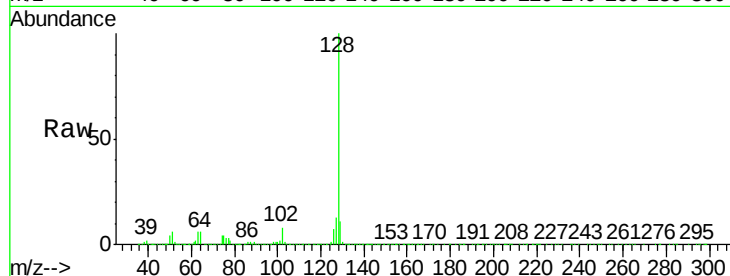
#95
Naphthalene
Concen: 53.764 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.021 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014161.D
Acq: 20 Dec 2019 08:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	29.9	14.8	44.4

