

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014389.D
 Acq On : 31 Dec 2019 18:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/2/2020 9:54:47 AM

Quant Time: Jan 01 04:32:45 2020
 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	492691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	690196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	285983	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.49	113	241002	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	8.71	98	916895	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.13	95	334154	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	180328	40.911	ug/l	99
3) Chloromethane	1.32	50	243107	41.098	ug/l	100
4) Vinyl Chloride	1.40	62	271888	43.560	ug/l	98
5) Bromomethane	1.63	94	201473	45.479	ug/l	97
6) Chloroethane	1.71	64	176249	45.752	ug/l	97
7) Trichlorofluoromethane	1.92	101	364290	47.147	ug/l	99
8) Diethyl Ether	2.18	74	172620	47.603	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	219116	47.045	ug/l	99
10) Methyl Iodide	2.50	142	242478	40.029	ug/l	99
11) Tert butyl alcohol	3.03	59	307739	255.053	ug/l	98
12) 1,1-Dichloroethene	2.36	96	222388	46.924	ug/l	98
13) Acrolein	2.28	56	177380	256.820	ug/l	98
14) Allyl chloride	2.72	41	409957	48.447	ug/l	100
15) Acrylonitrile	3.13	53	733280	260.378	ug/l	100
16) Acetone	2.43	43	663998	183.162	ug/l	99
17) Carbon Disulfide	2.56	76	519611	39.650	ug/l	100
18) Methyl Acetate	2.76	43	379404	52.816	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	804584	51.663	ug/l	99
20) Methylene Chloride	2.85	84	260901	45.702	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	240227	46.009	ug/l	99
22) Diisopropyl ether	3.84	45	870170	51.603	ug/l	98
23) Vinyl Acetate	3.80	43	3679133	267.361	ug/l	100
24) 1,1-Dichloroethane	3.69	63	456685	48.678	ug/l	99
25) 2-Butanone	4.65	43	1047346	234.335	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336618	46.213	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	286576	48.531	ug/l	99
28) Bromochloromethane	5.00	49	193323	53.548	ug/l	97
29) Tetrahydrofuran	5.11	42	662116	264.860	ug/l	99
30) Chloroform	5.20	83	448958	50.481	ug/l	99
31) Cyclohexane	5.58	56	392218	47.005	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	380327	50.176	ug/l	97
36) 1,1-Dichloropropene	5.79	75	326497	46.605	ug/l	100
37) Ethyl Acetate	4.82	43	405482	52.413	ug/l	99
38) Carbon Tetrachloride	5.78	117	311304	48.778	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397951	46.004	ug/l	100
40) Benzene	6.14	78	1035503	48.039	ug/l	99
41) Methacrylonitrile	5.03	41	223031	51.959	ug/l	98
42) 1,2-Dichloroethane	6.19	62	353441	48.371	ug/l	100
43) Isopropyl Acetate	6.43	43	670862	52.399	ug/l	100
44) Trichloroethene	7.20	130	282061	47.375	ug/l	99
45) 1,2-Dichloropropane	7.51	63	274964	49.768	ug/l	96
46) Dibromomethane	7.65	93	175702	48.101	ug/l	99
47) Bromodichloromethane	7.89	83	344936	50.140	ug/l	99
48) Methyl methacrylate	7.76	41	325369	51.899	ug/l	99
49) 1,4-Dioxane	7.73	88	118352	927.653	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2070181	257.467	ug/l	99
52) Toluene	8.78	92	650052	47.712	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	389604	51.648	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	434788	51.737	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	273521	50.090	ug/l	98
56) Ethyl methacrylate	9.17	69	442851	51.628	ug/l	100
57) 1,3-Dichloropropane	9.37	76	454770	49.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	881815	271.652	ug/l	100
59) 2-Hexanone	9.48	43	1578787	243.916	ug/l	100
60) Dibromochloromethane	9.57	129	281036	51.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281192	50.329	ug/l	99
64) Tetrachloroethene	9.33	164	292079	47.824	ug/l	98
65) Chlorobenzene	10.14	112	710388	48.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	266402	50.841	ug/l	98
67) Ethyl Benzene	10.25	91	1249937	49.541	ug/l	99
68) m/p-Xylenes	10.36	106	948856	97.781	ug/l	99
69) o-Xylene	10.70	106	467666	49.139	ug/l	99
70) Styrene	10.71	104	796376	49.485	ug/l	98
71) Bromoform	10.85	173	216771	51.465	ug/l	100
73) Isopropylbenzene	11.01	105	1232144	50.179	ug/l	100
74) N-amyl acetate	10.89	43	589599	51.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	419479	49.276	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	346115m	45.714	ug/l	
77) Bromobenzene	11.25	156	324228	47.992	ug/l	99
78) n-propylbenzene	11.35	91	1386672	50.347	ug/l	99
79) 2-Chlorotoluene	11.42	91	822480	49.126	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1024920	49.596	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135033	50.339	ug/l	98
82) 4-Chlorotoluene	11.51	91	950351	48.935	ug/l	99
83) tert-Butylbenzene	11.76	119	984247	48.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1041351	50.318	ug/l	100
85) sec-Butylbenzene	11.94	105	1192590	50.233	ug/l	100
86) p-Isopropyltoluene	12.06	119	1106939	50.971	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566098	47.811	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	569775	47.326	ug/l	99
89) n-Butylbenzene	12.39	91	951511	51.348	ug/l	99
90) Hexachloroethane	12.59	117	192906	49.454	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	568279	47.677	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91563	48.604	ug/l	98

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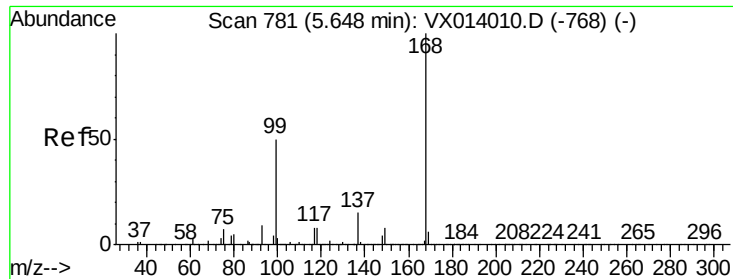
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	397717	51.338	ug/l	99
94) Hexachlorobutadiene	13.78	225	180509	48.482	ug/l	98
95) Naphthalene	13.83	128	1257855	55.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	406520	53.157	ug/l	100

(#) = 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: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 492691

Ion Ratio Lower Upper

168 100

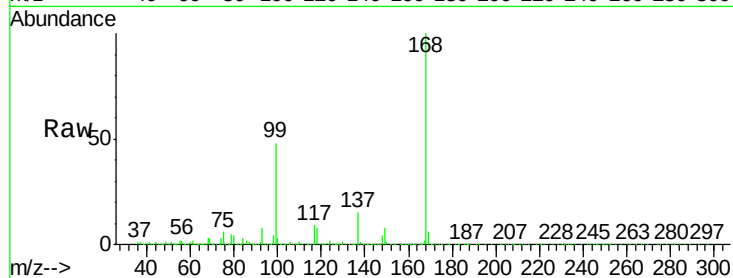
99 47.9 40.3 60.5

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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

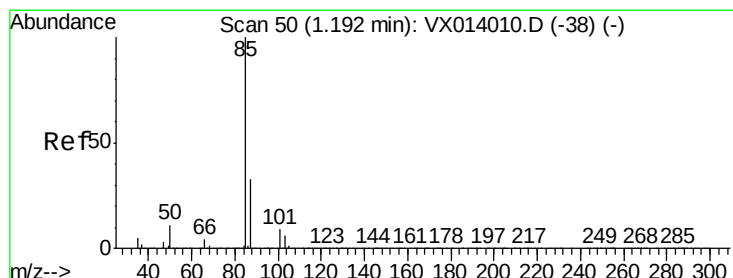
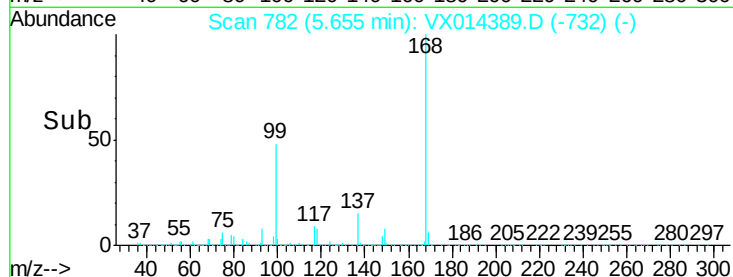
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.911 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014389.D

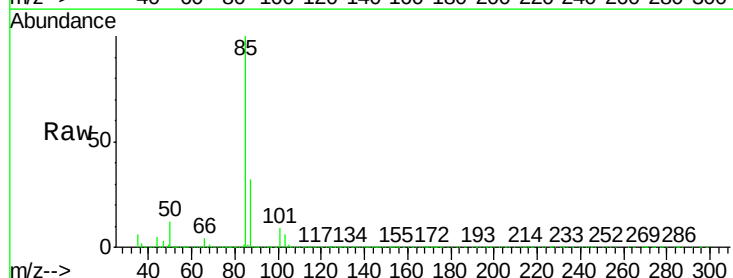
Acq: 31 Dec 2019 18:46

Tgt Ion: 85 Resp: 180328

Ion Ratio Lower Upper

85 100

87 32.1 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

150000

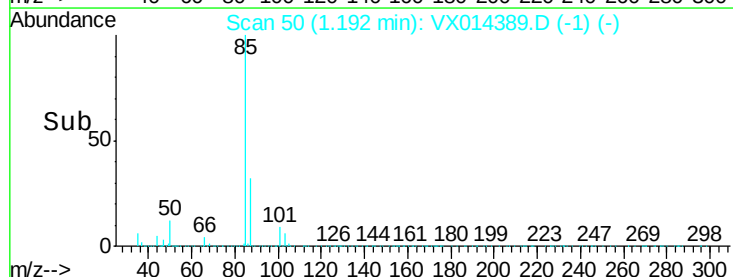
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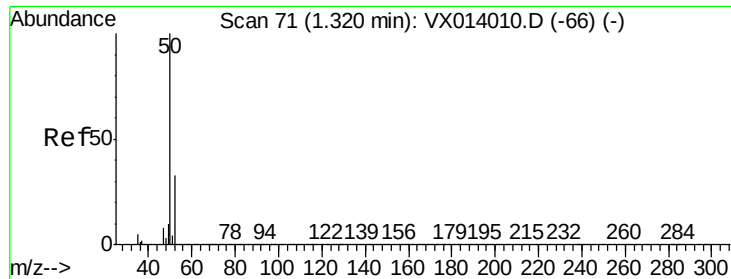
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 41.098 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 243107

Ion Ratio Lower Upper

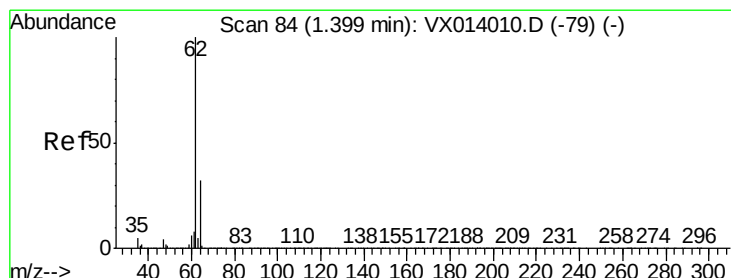
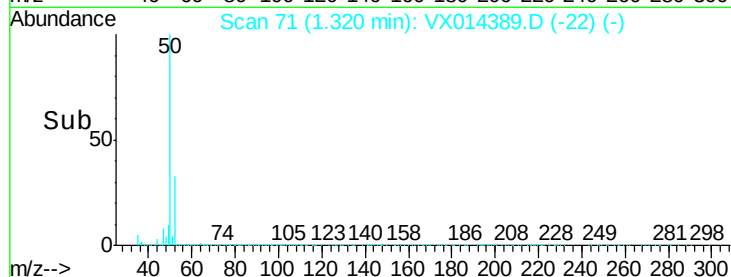
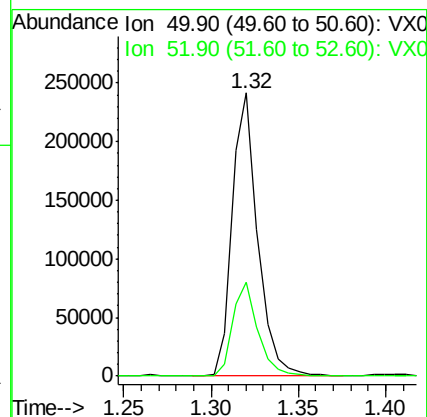
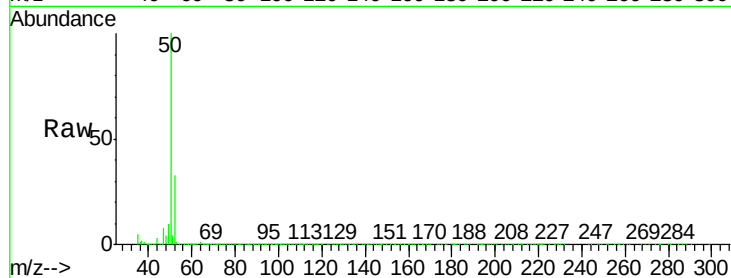
50 100

52 32.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 43.560 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014389.D

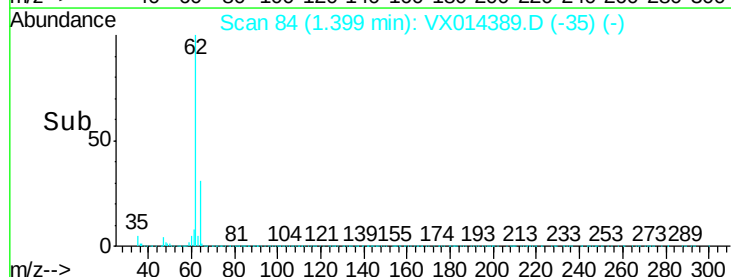
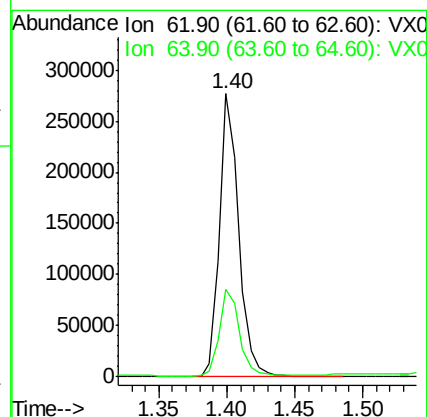
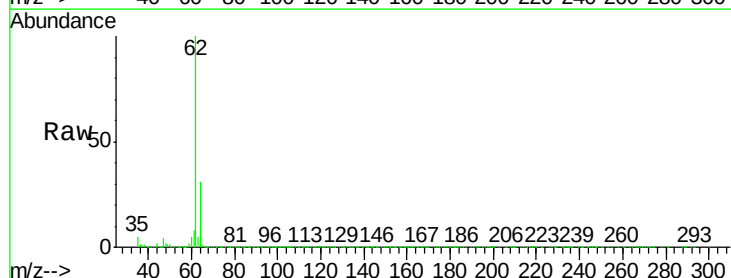
Acq: 31 Dec 2019 18:46

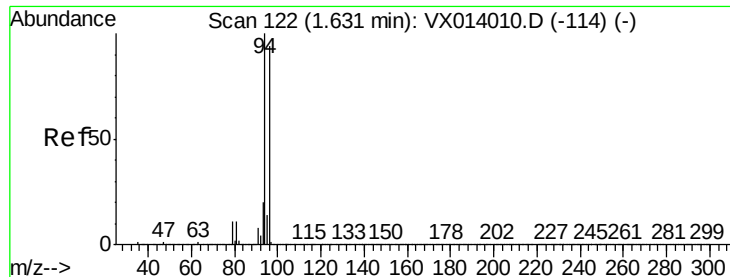
Tgt Ion: 62 Resp: 271888

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 45.479 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tot Ion: 94 Resp: 201473

Ion Ratio Lower Upper

94 100

96 96.9 75.2 112.8

Instrument :

MSVOA_X

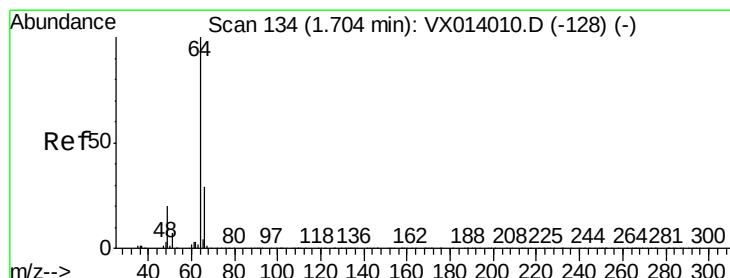
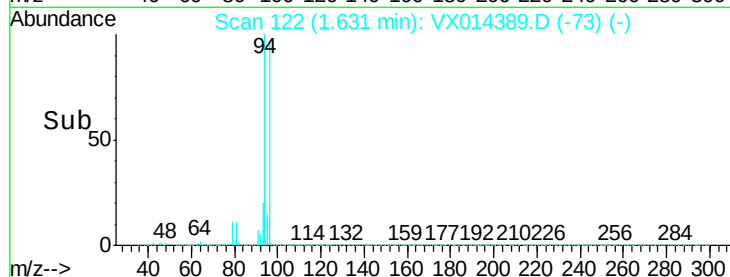
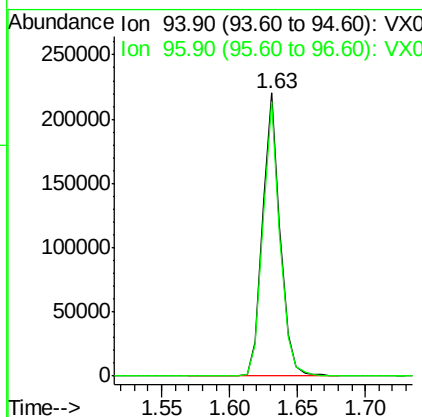
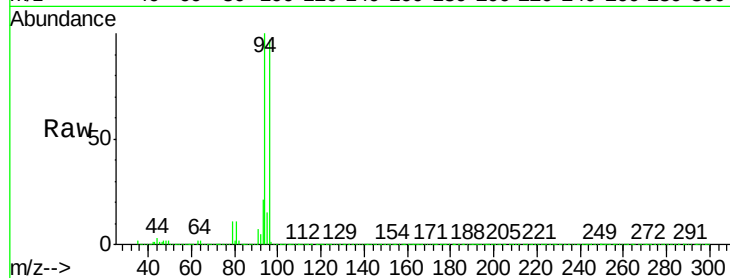
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#6

Chloroethane

Concen: 45.752 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014389.D

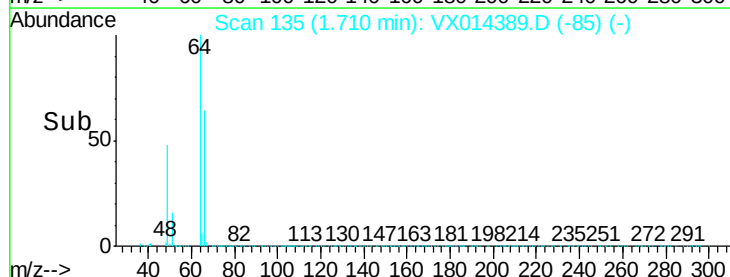
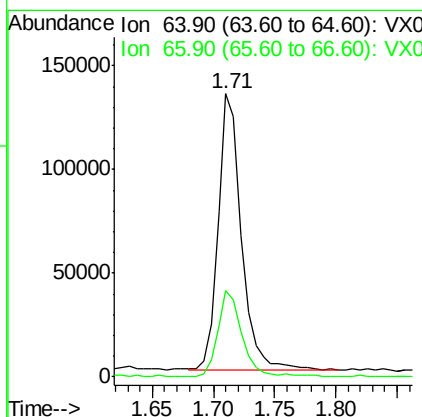
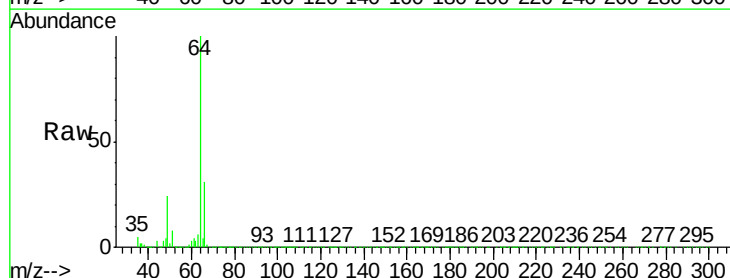
Acq: 31 Dec 2019 18:46

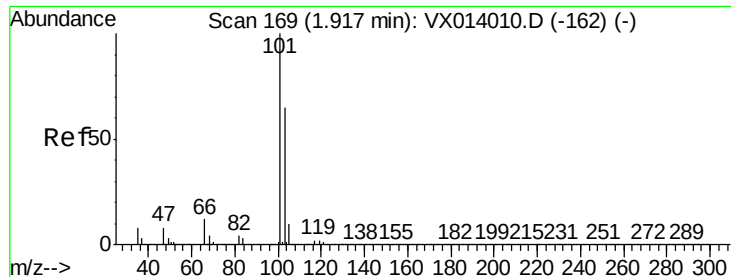
Tgt Ion: 64 Resp: 176249

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2





#7

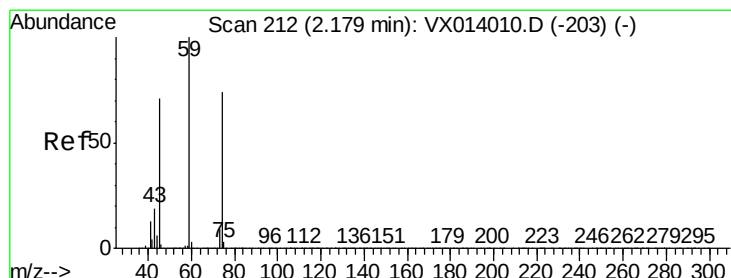
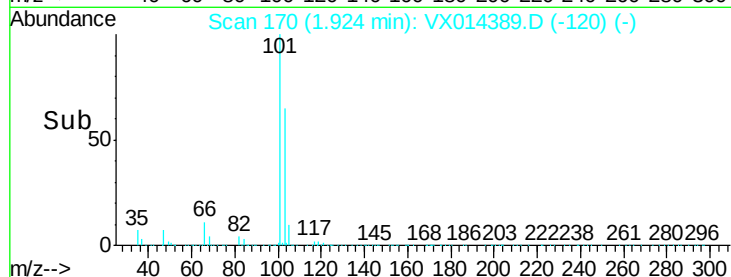
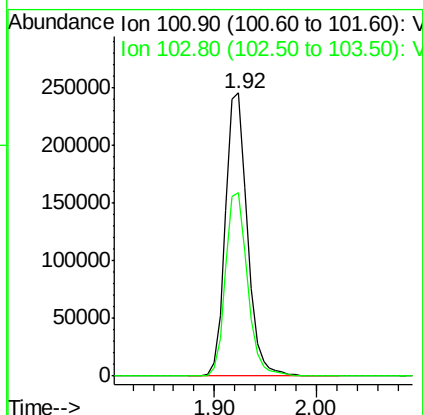
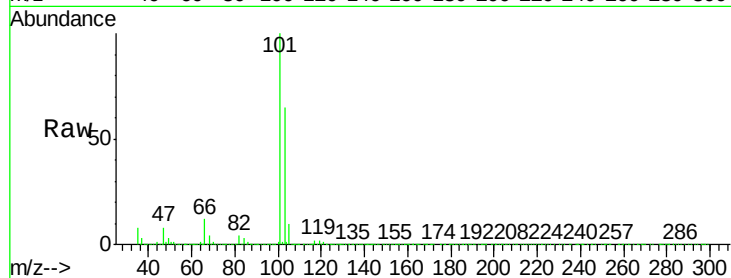
Trichlorofluoromethane
Concen: 47.147 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

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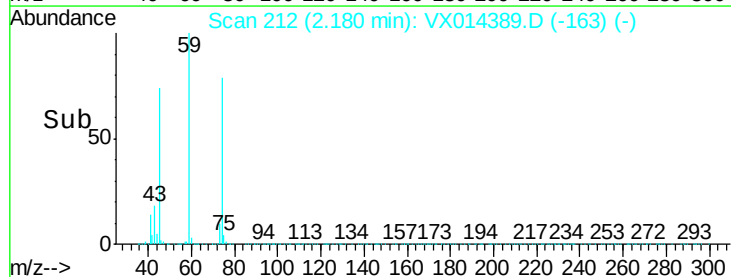
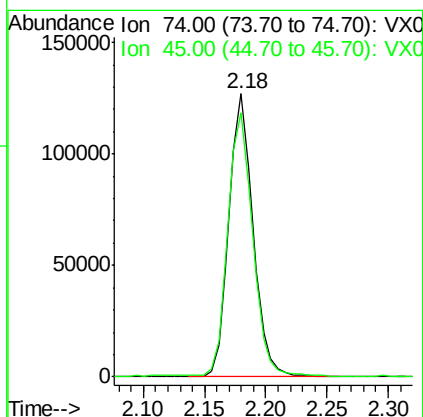
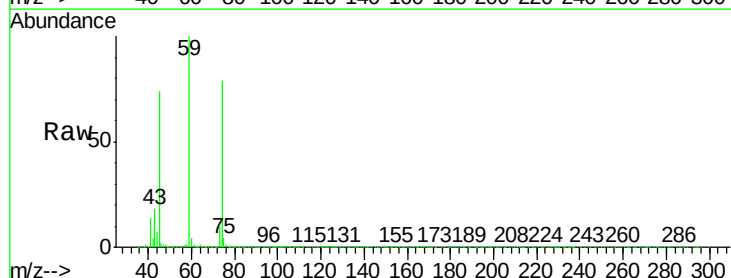
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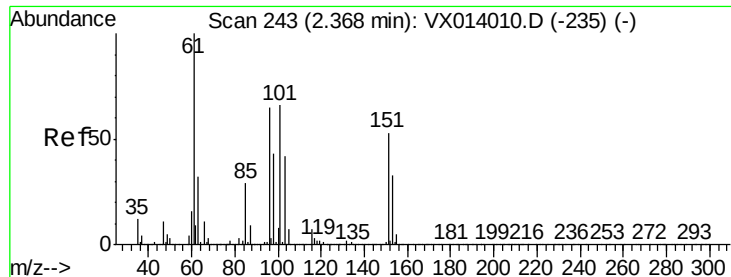


#8

Diethyl Ether
Concen: 47.603 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.045 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

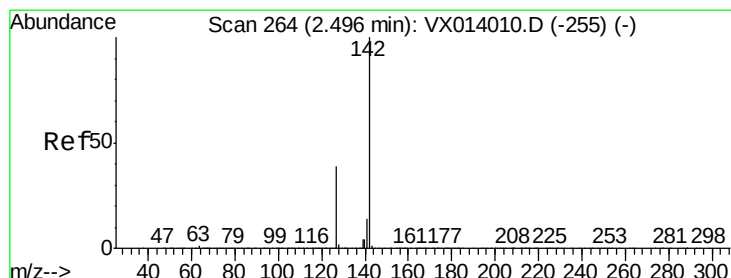
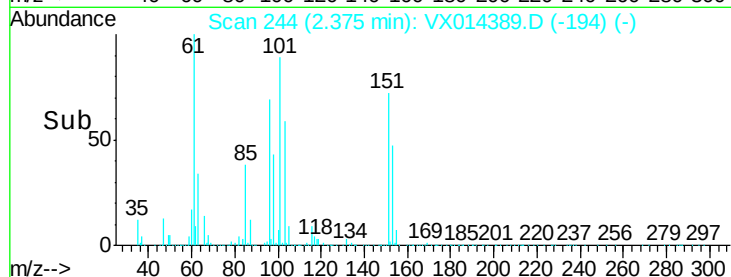
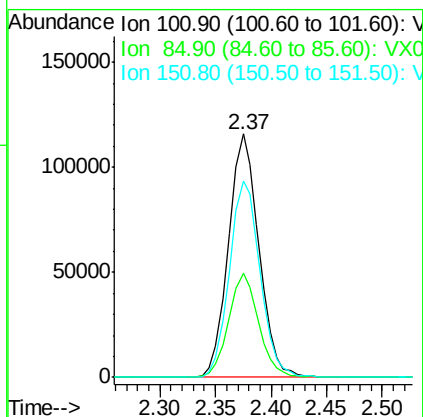
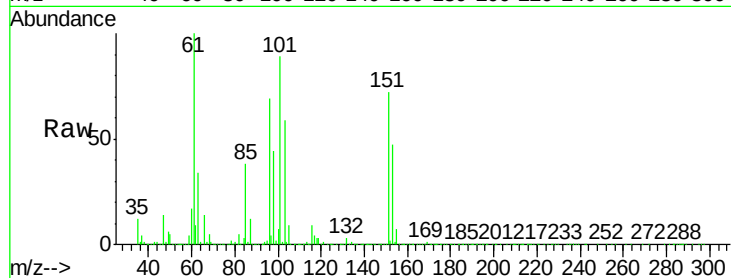
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	219116
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	81.8	64.5	96.7

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#10

Methyl Iodide

Concen: 40.029 ug/l

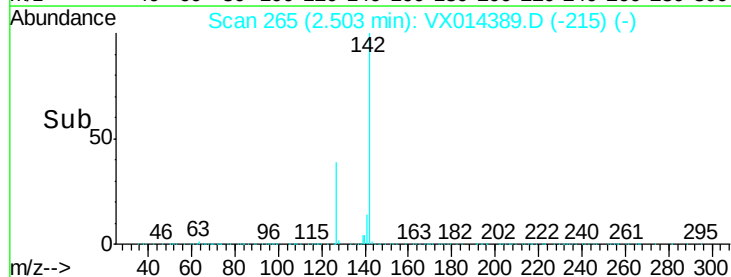
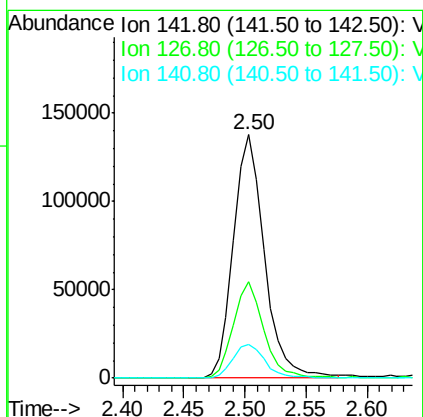
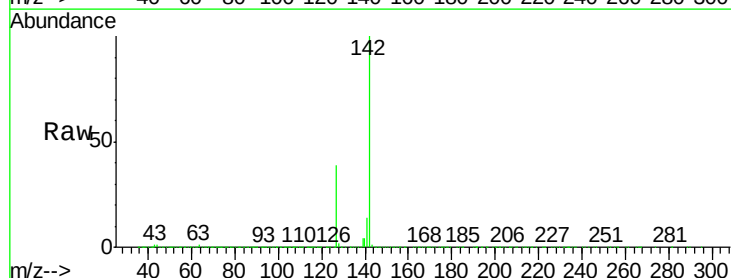
RT: 2.50 min Scan# 265

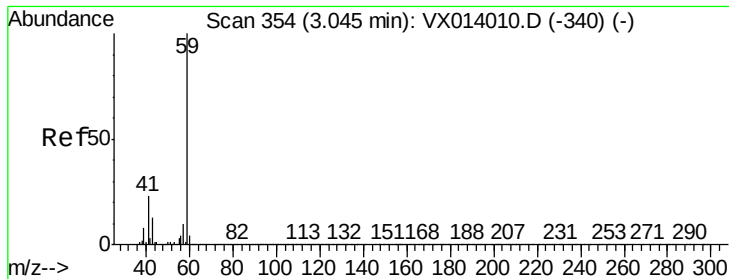
Delta R.T. 0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	142	Resp:	242478
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.6	47.4
141	14.3	11.6	17.4





#11

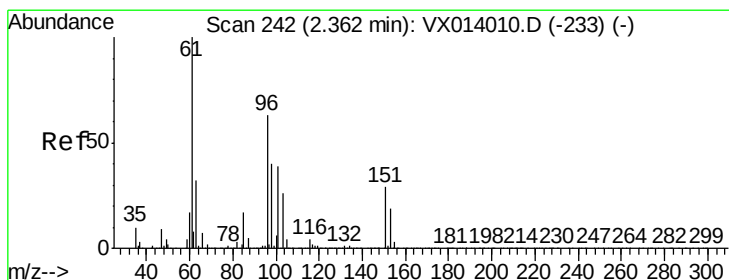
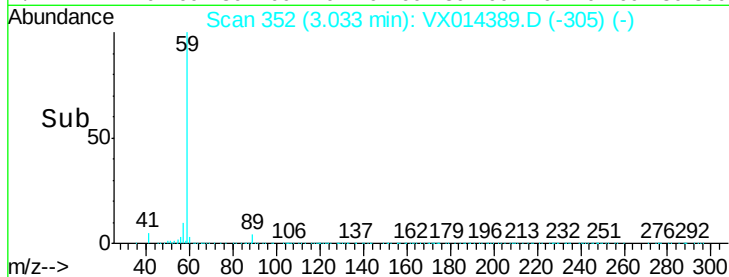
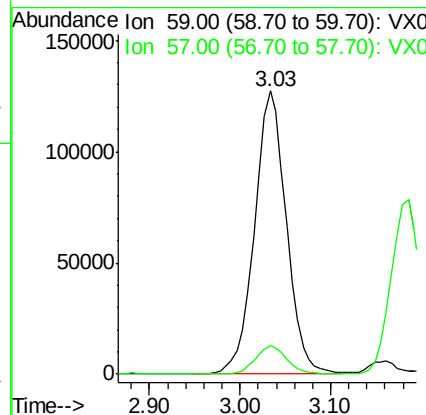
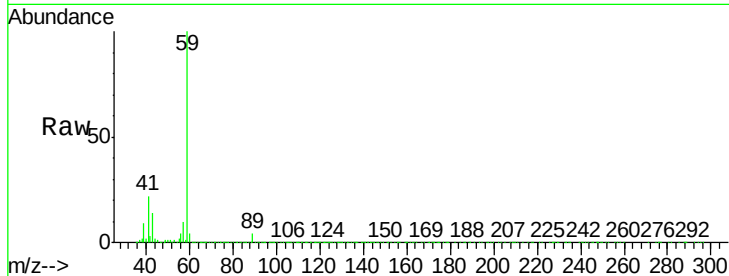
Tert butyl alcohol
Concen: 255.053 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

Manual Integrations
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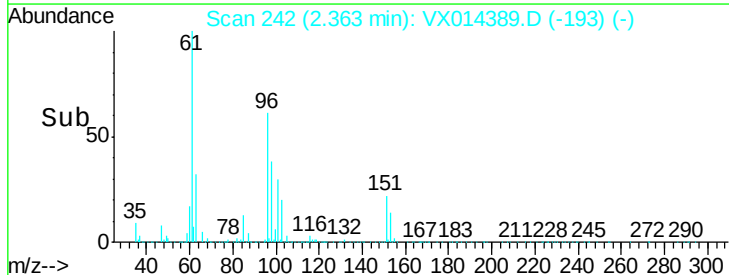
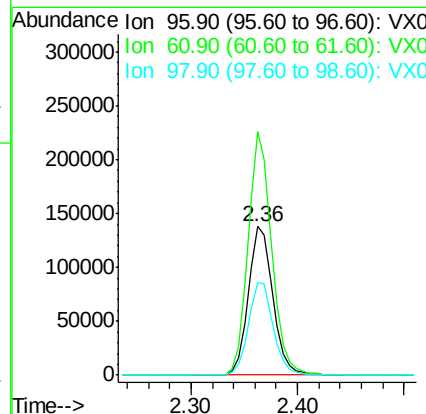
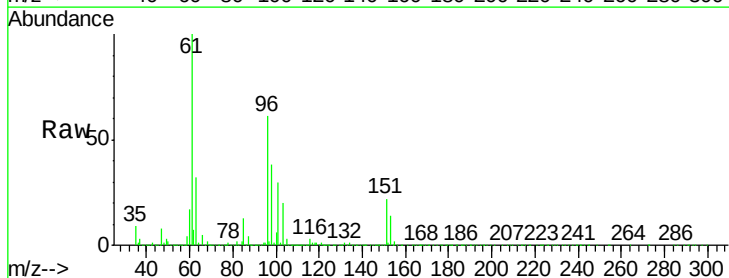
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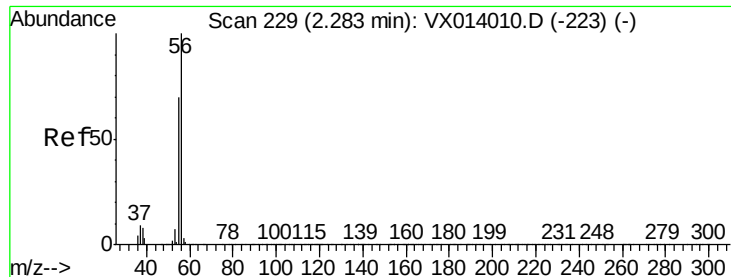


#12

1,1-Dichloroethene
Concen: 46.924 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	127.9	191.9
98	62.6	50.5	75.7





#13

Acrolein

Concen: 256.820 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 177380

Ion Ratio Lower Upper

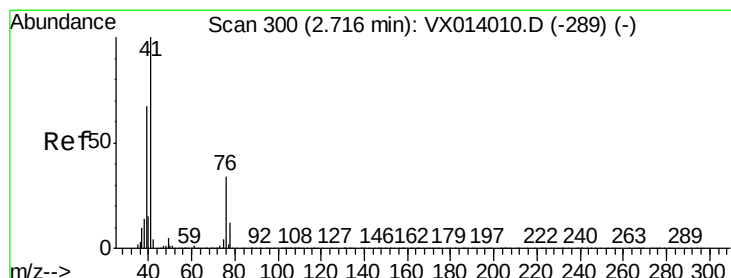
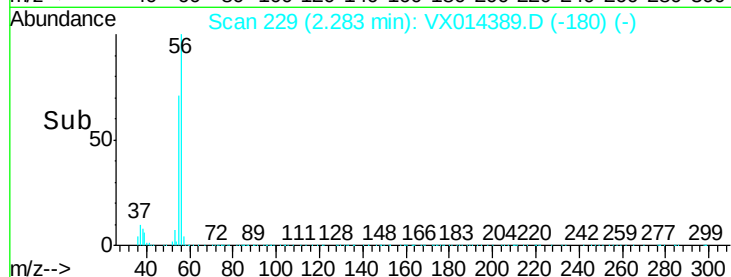
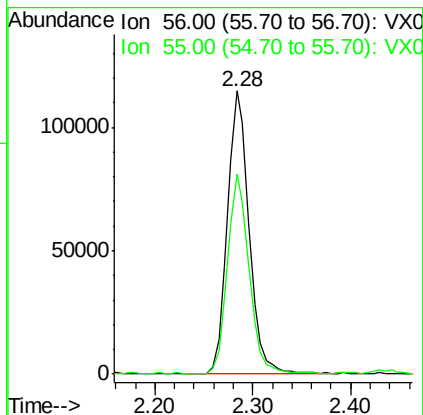
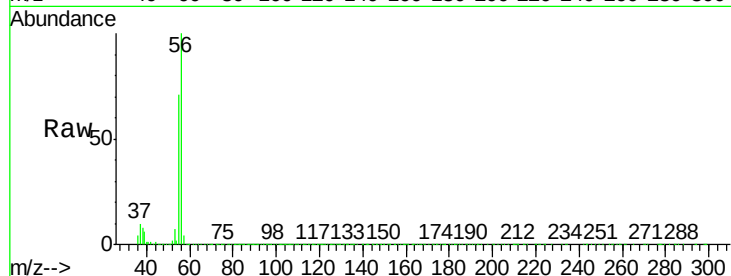
56 100

55 69.4 56.9 85.3

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#14

Allyl chloride

Concen: 48.447 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

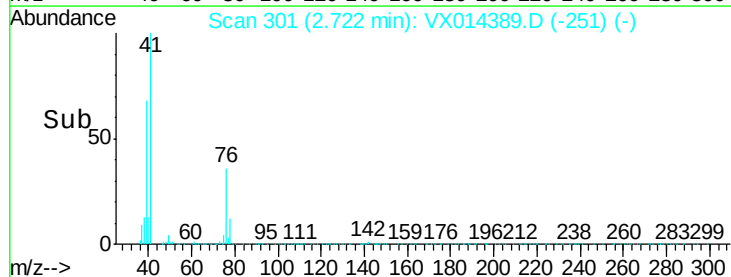
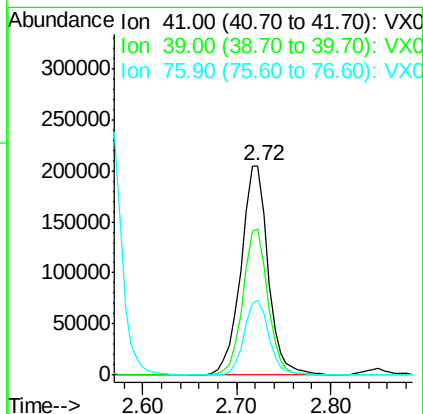
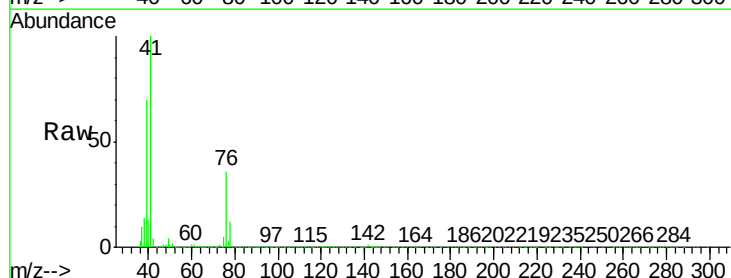
Tgt Ion: 41 Resp: 409957

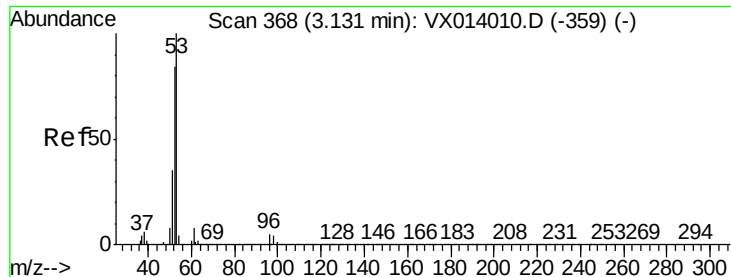
Ion Ratio Lower Upper

41 100

39 65.1 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 260.378 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

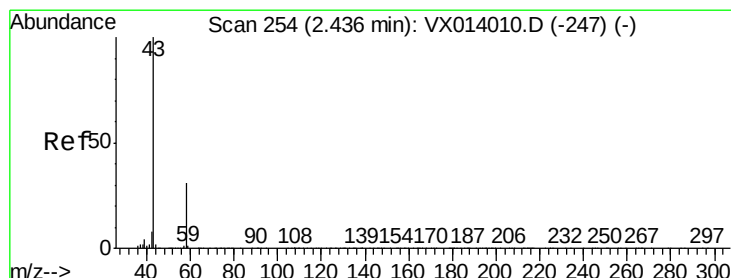
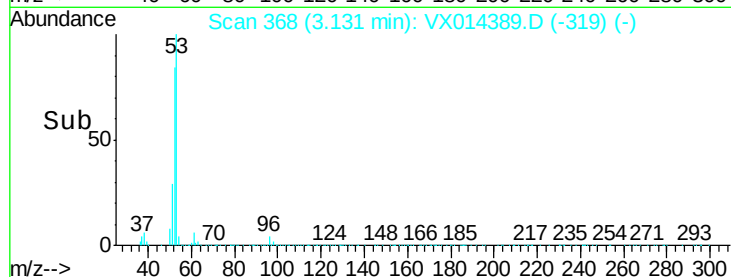
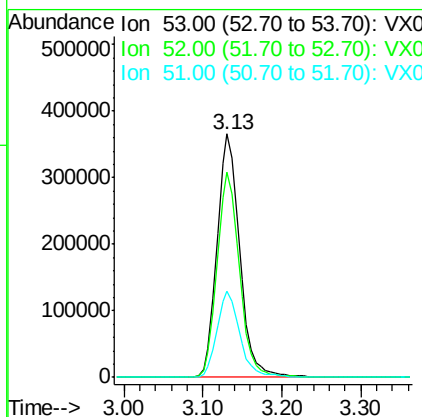
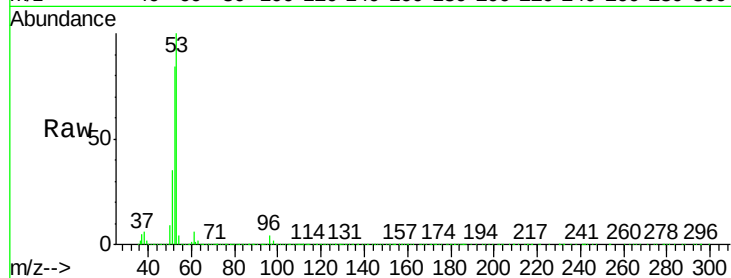
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	733280
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	35.5	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 183.162 ug/l

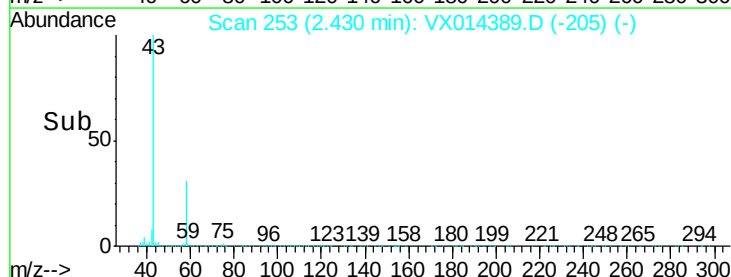
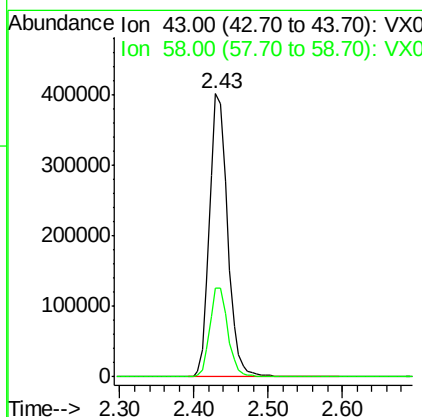
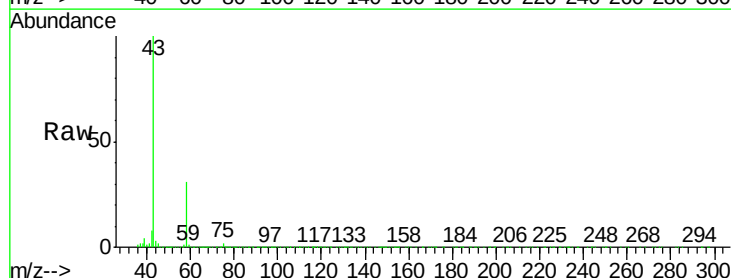
RT: 2.43 min Scan# 253

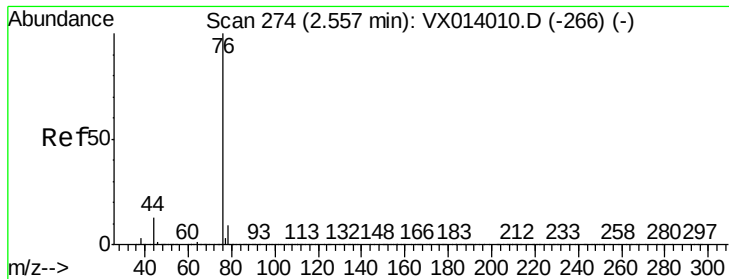
Delta R.T. -0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	43	Resp:	663998
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.9	37.3





#17

Carbon Disulfide

Concen: 39.650 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 519611

Ion Ratio Lower Upper

76 100

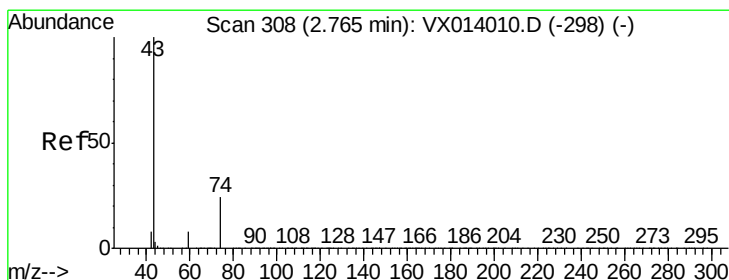
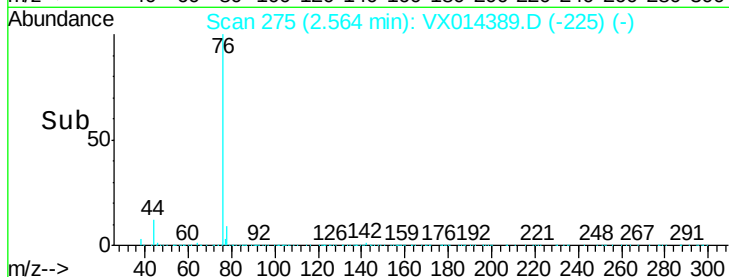
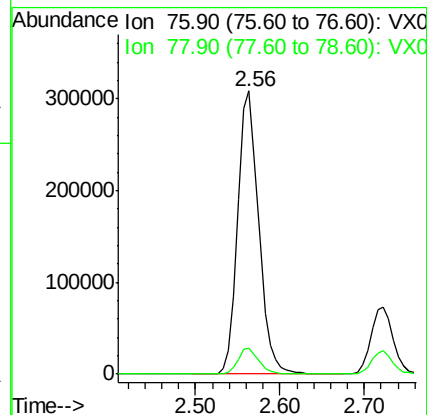
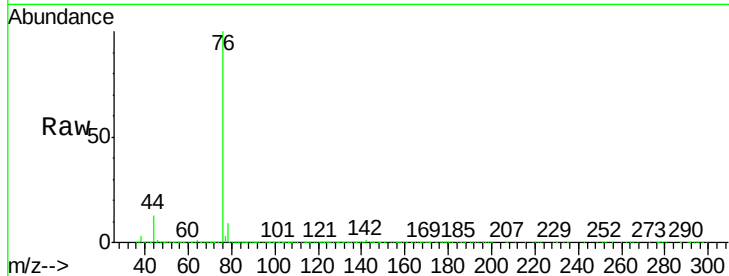
78 9.1 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 52.816 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014389.D

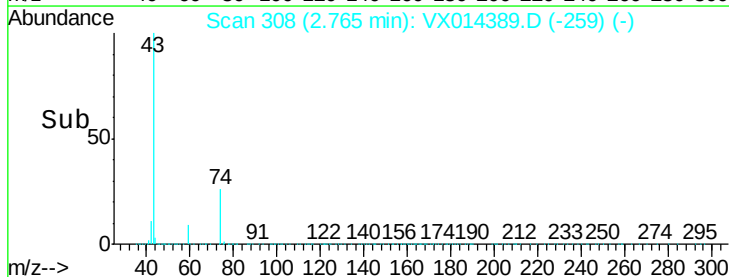
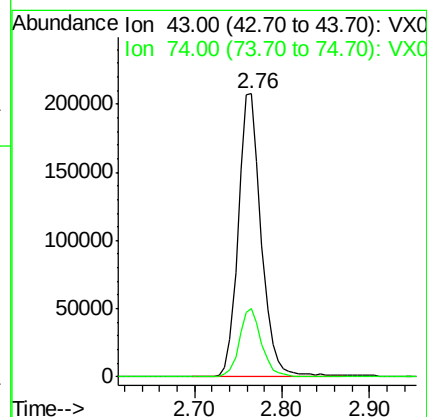
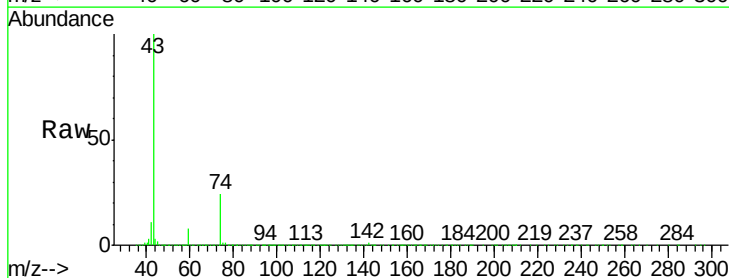
Acq: 31 Dec 2019 18:46

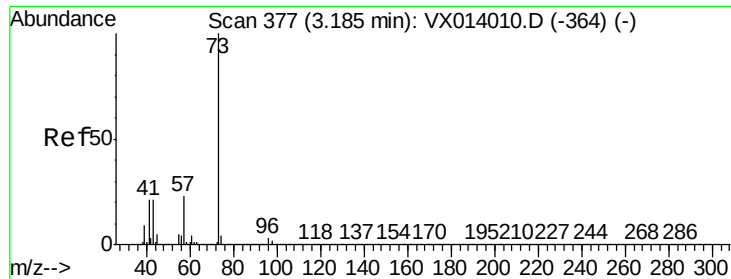
Tgt Ion: 43 Resp: 379404

Ion Ratio Lower Upper

43 100

74 23.5 19.5 29.3





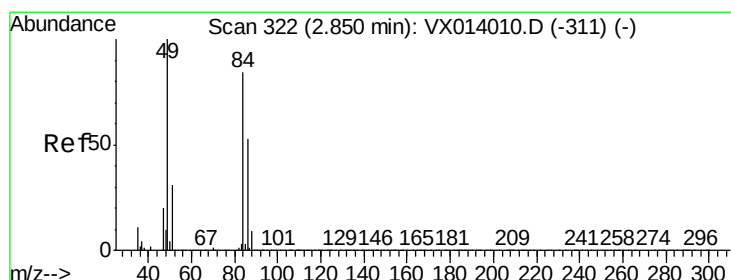
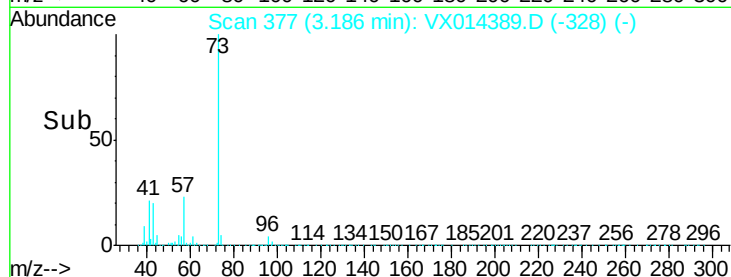
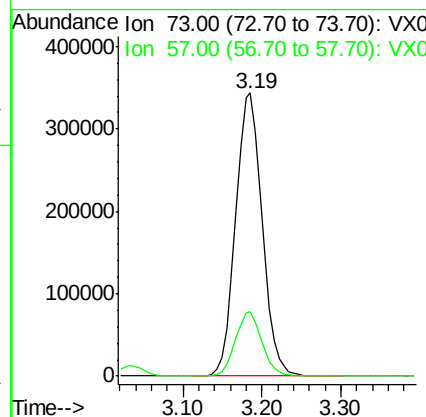
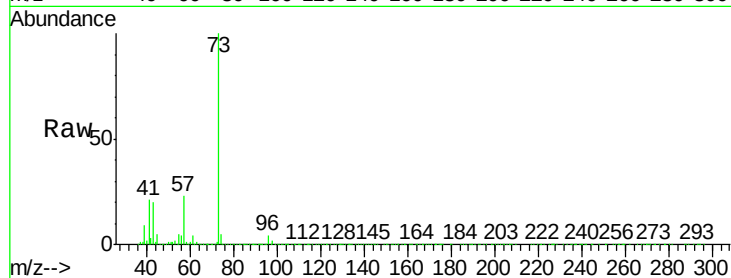
#19
Methyl tert-butyl Ether
Concen: 51.663 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.8	28.2

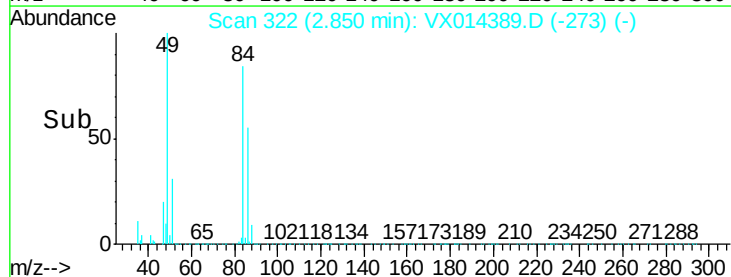
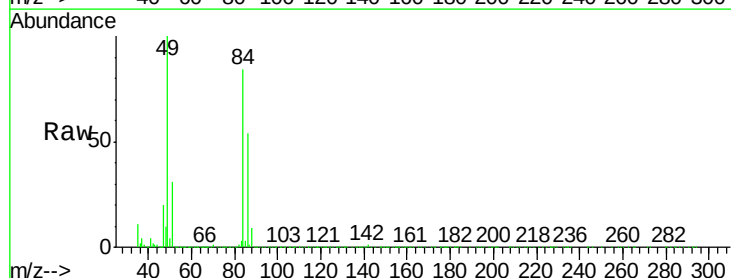
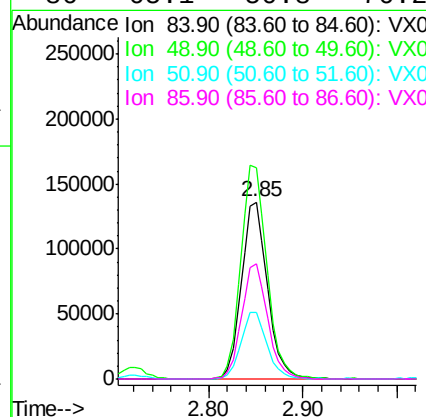
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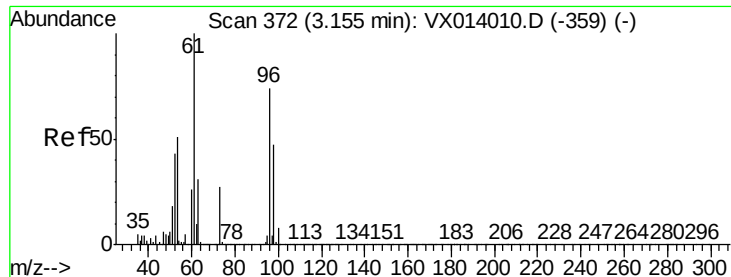
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#20
Methylene Chloride
Concen: 45.702 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	95.8	143.6
51	37.2	29.8	44.8
86	65.1	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.009 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

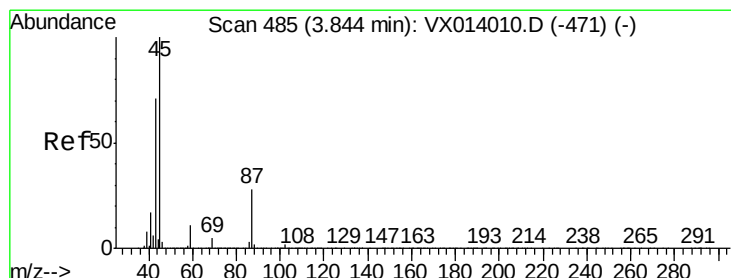
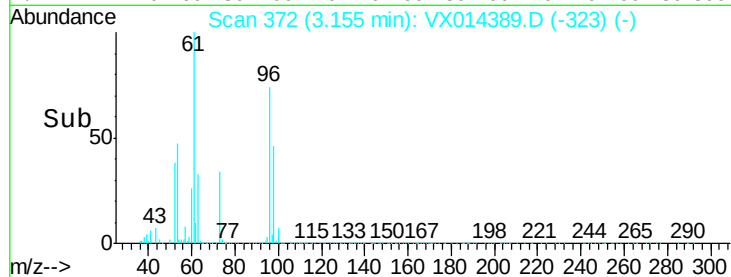
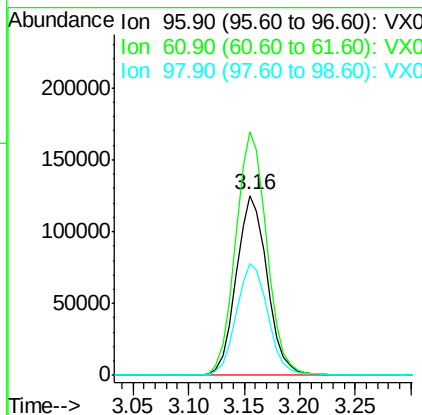
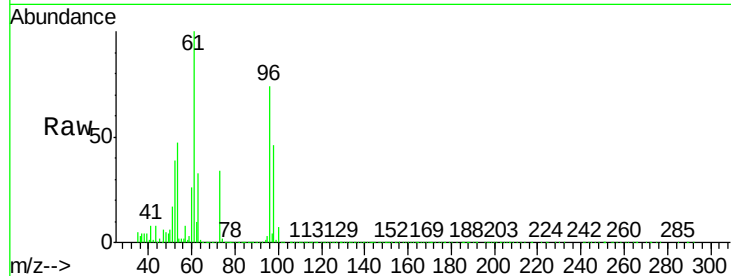
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	240227
Ion	Ratio	Lower	Upper
96	100		
61	135.2	108.3	162.5
98	62.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 51.603 ug/l

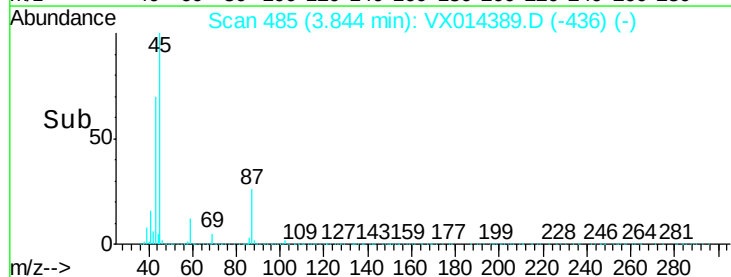
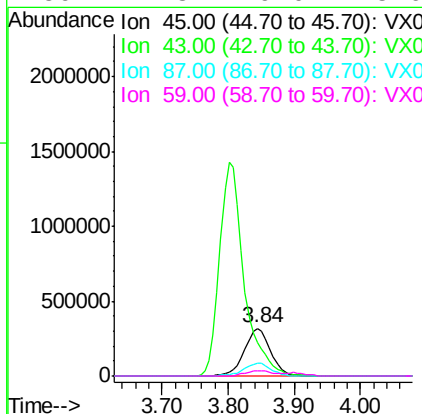
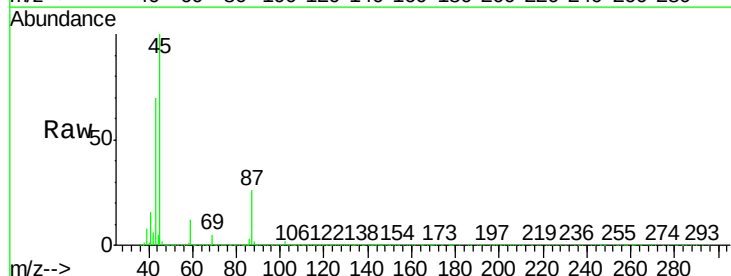
RT: 3.84 min Scan# 485

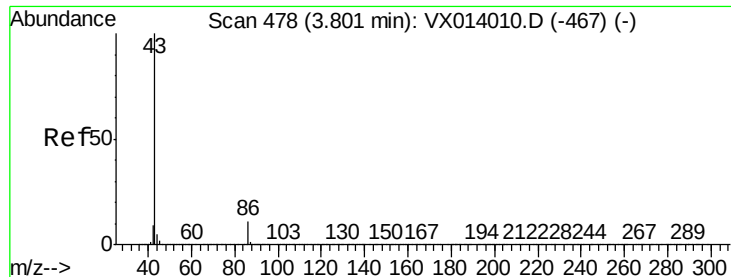
Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	45	Resp:	870170
Ion	Ratio	Lower	Upper
45	100		
43	69.9	57.4	86.0
87	26.4	21.9	32.9
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 267.361 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tot Ion: 43 Resp: 3679133

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

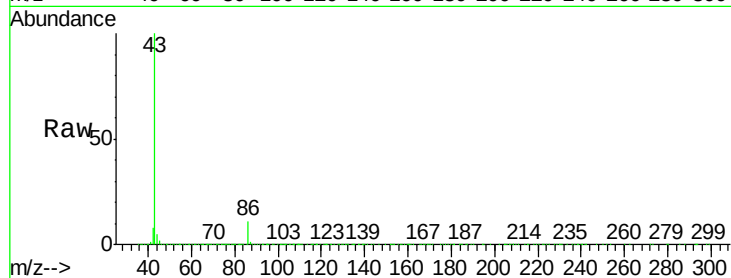
VSTDCCC050EC

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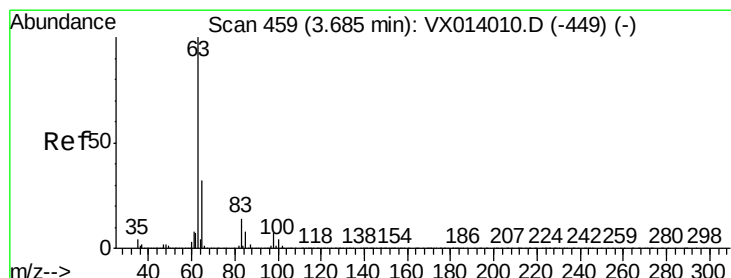
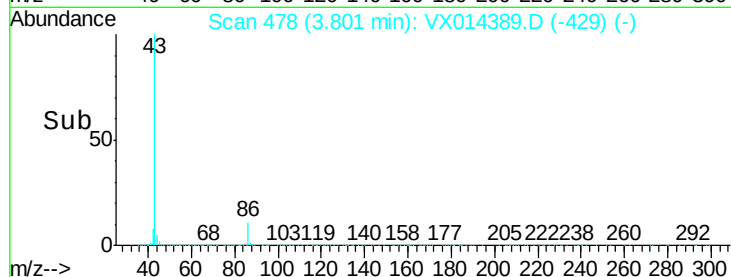
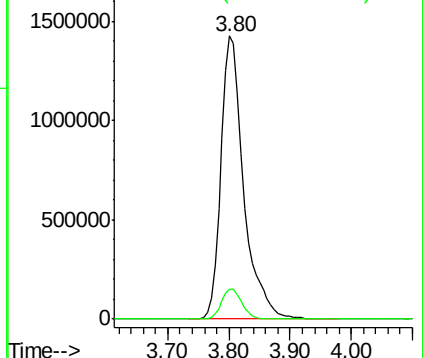
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.678 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

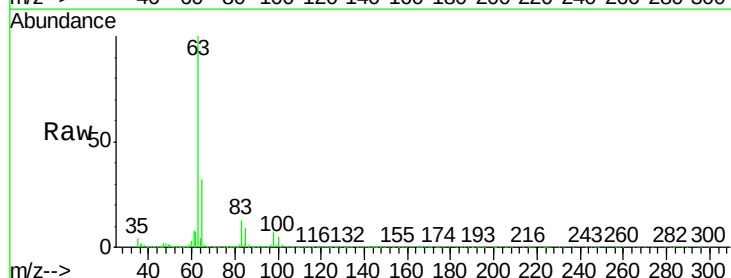
Tgt Ion: 63 Resp: 456685

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

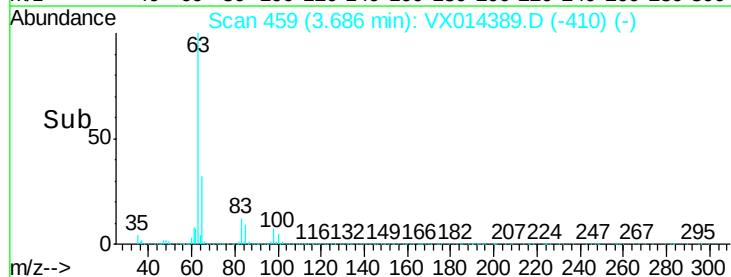
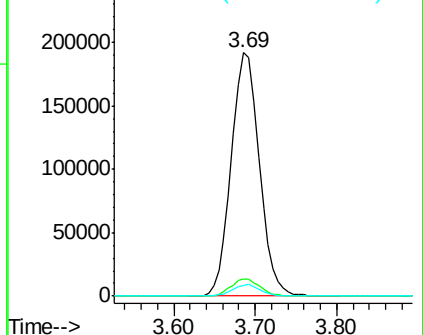
100 4.5 2.3 6.8

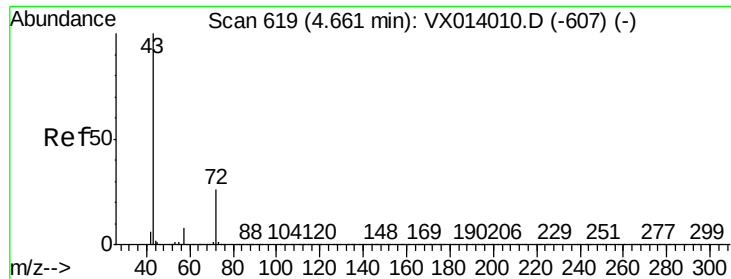


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 234.335 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tot Ion: 43 Resp: 1047346

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

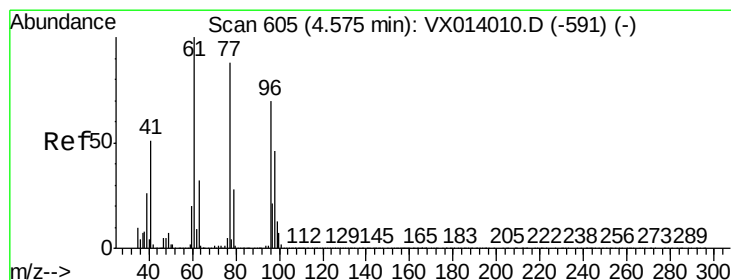
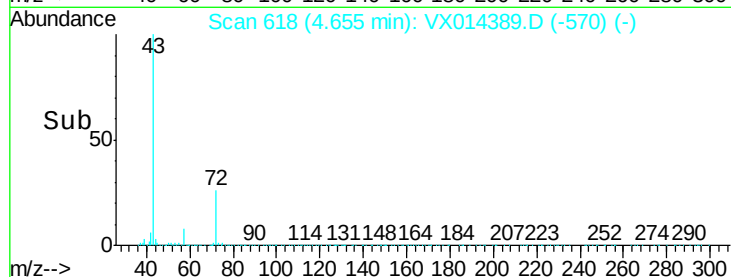
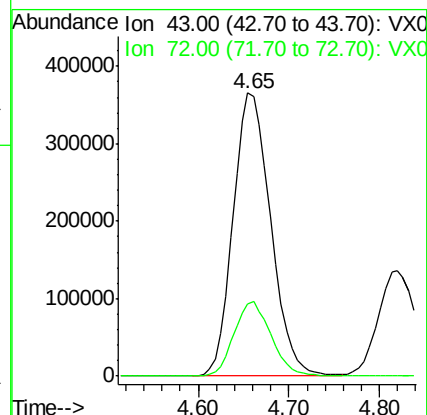
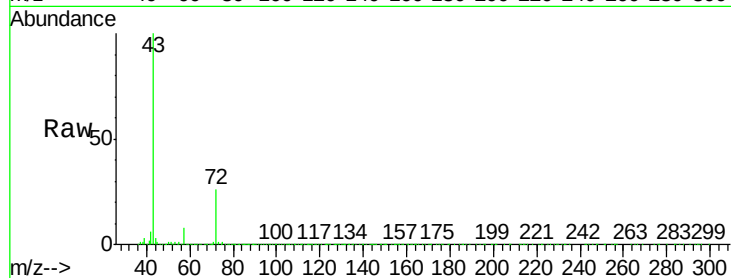
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 46.213 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014389.D

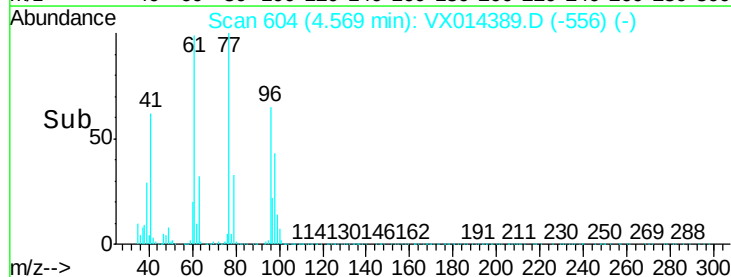
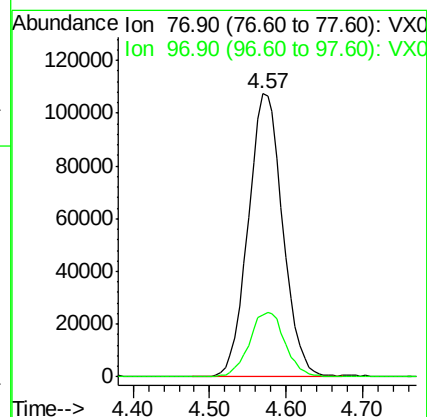
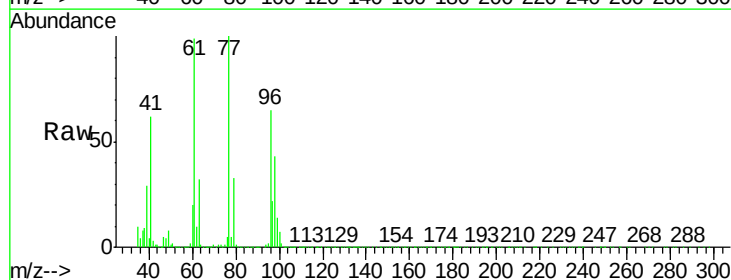
Acq: 31 Dec 2019 18:46

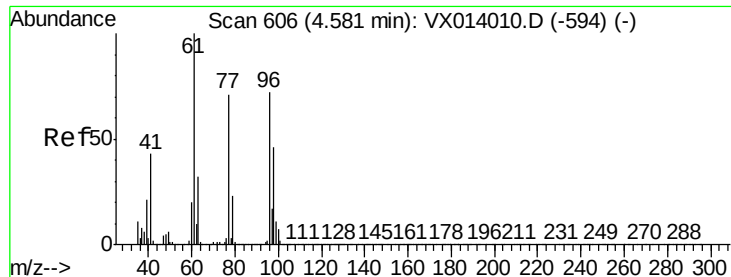
Tgt Ion: 77 Resp: 336618

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

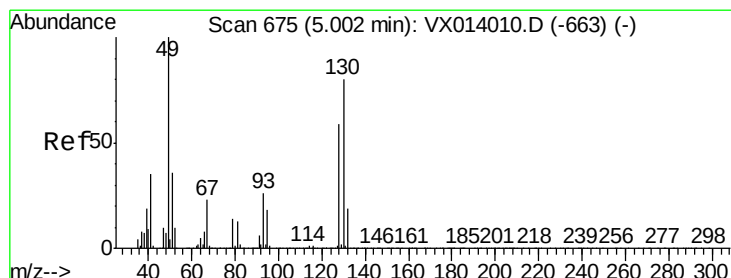
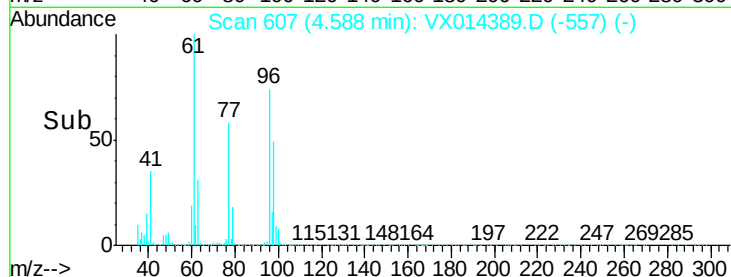
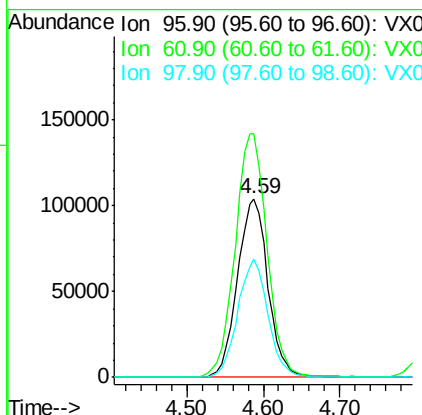
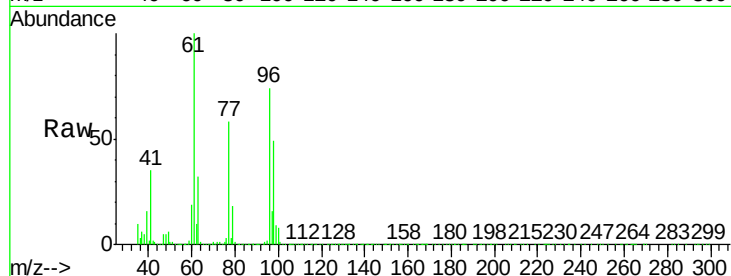
cis-1,2-Dichloroethene
Concen: 48.531 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	286576		
61	142.8	0.0	288.4	
98	65.7	0.0	129.6	

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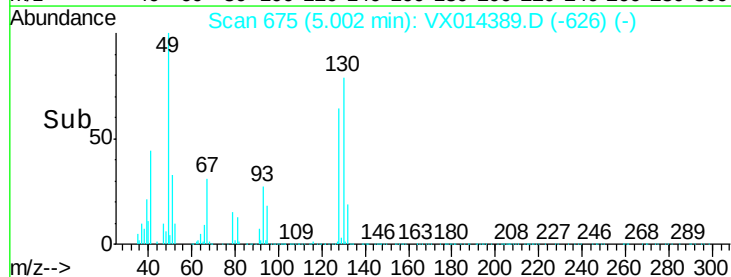
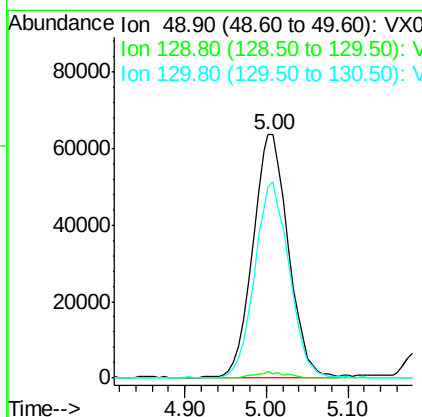
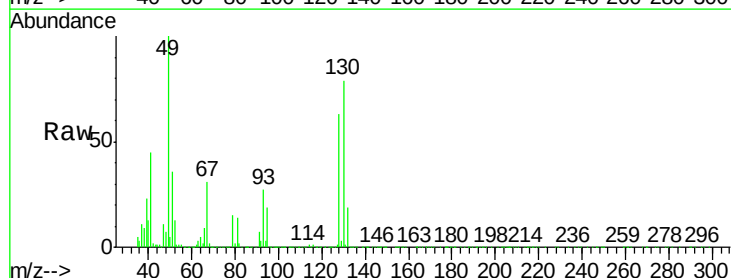
apatel
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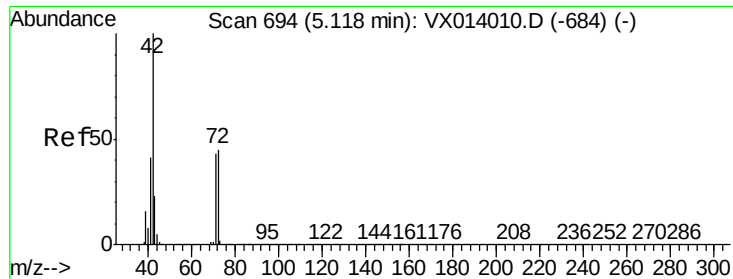


#28

Bromochloromethane
Concen: 53.548 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	193323		
129	2.4	0.0	5.0	
130	77.9	64.6	97.0	





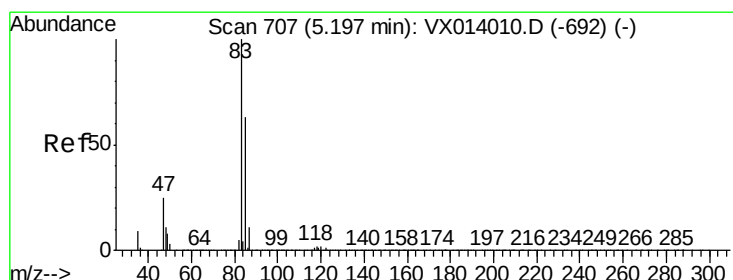
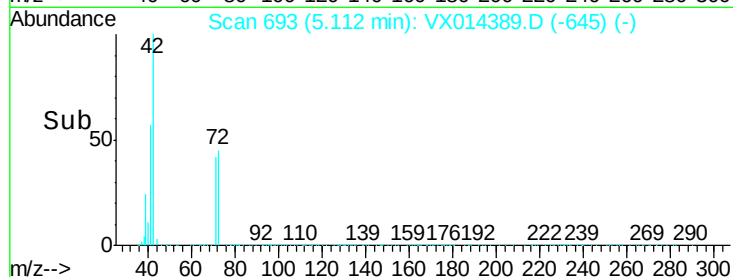
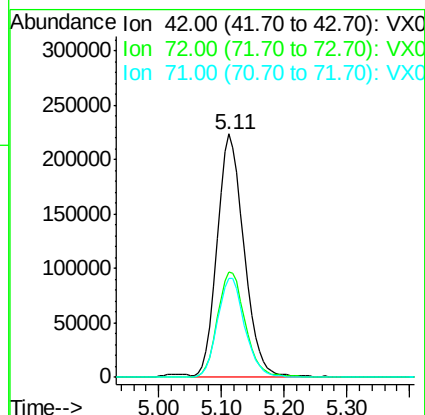
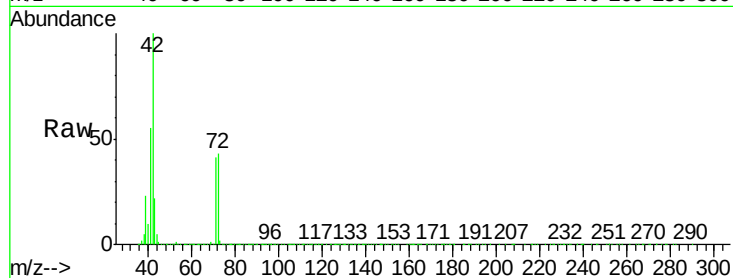
#29
Tetrahydrofuran
Concen: 264.860 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.8	53.8
71	41.4	33.6	50.4

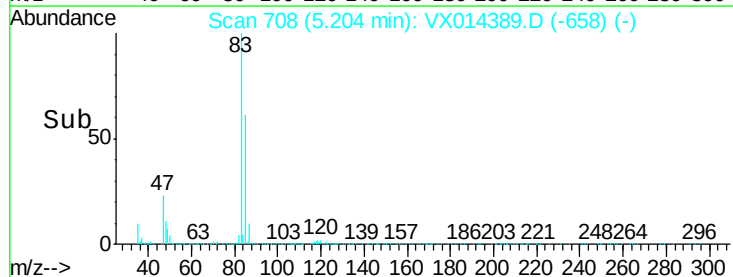
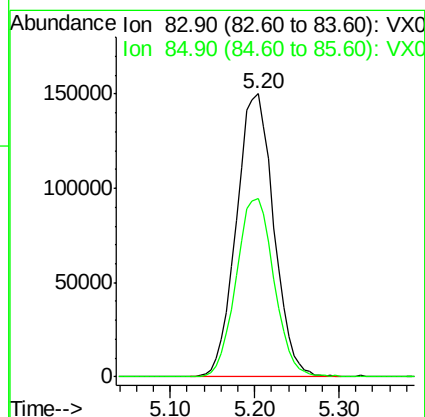
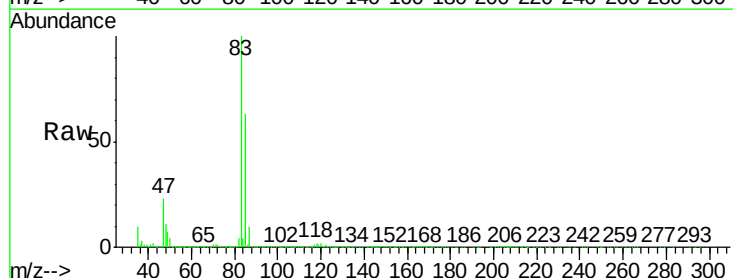
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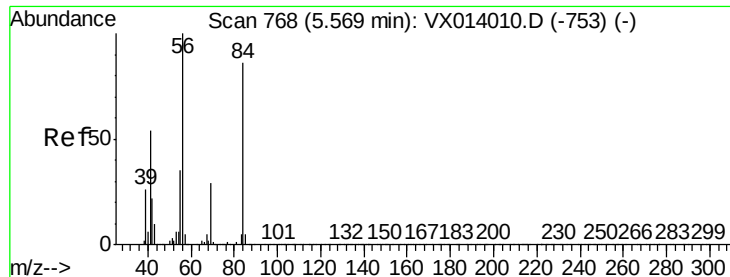
apatel
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#30
Chloroform
Concen: 50.481 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.8	76.2





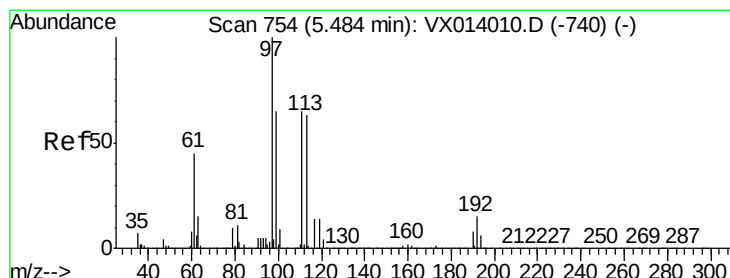
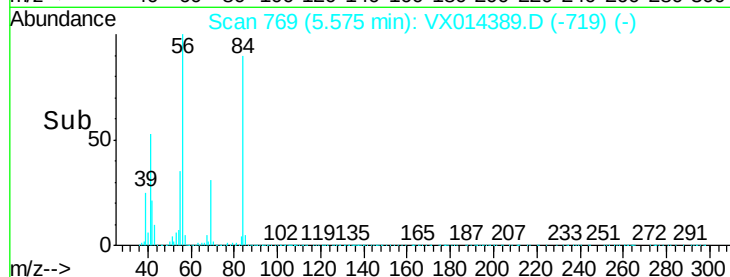
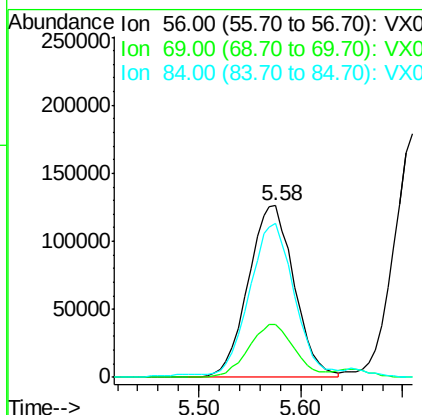
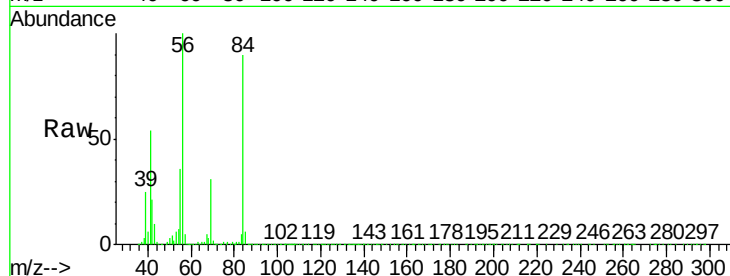
#31
Cyclohexane
Concen: 47.005 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.2	34.8
84	88.6	69.2	103.8

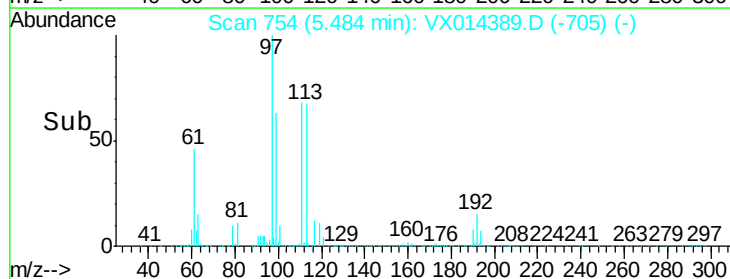
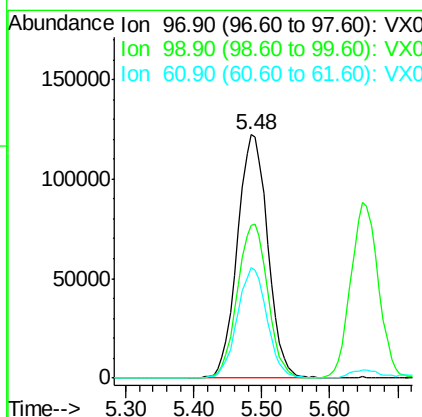
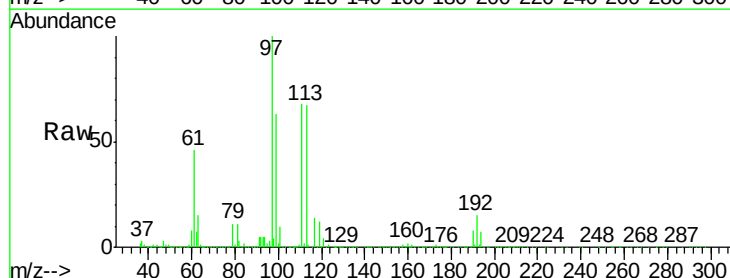
Manual Integrations
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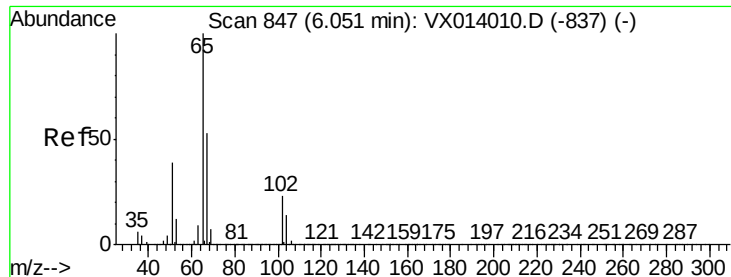
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#32
1,1,1-Trichloroethane
Concen: 50.176 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.0	78.0
61	43.9	36.7	55.1





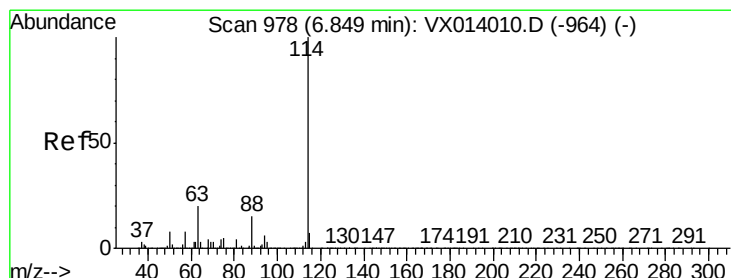
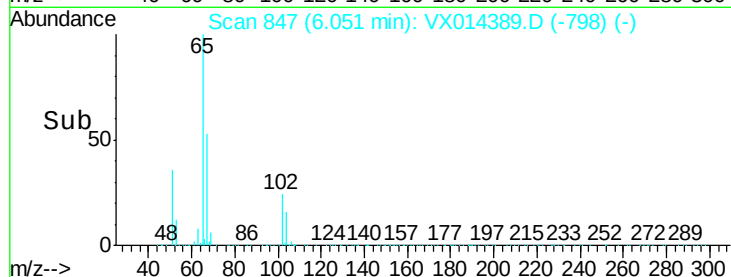
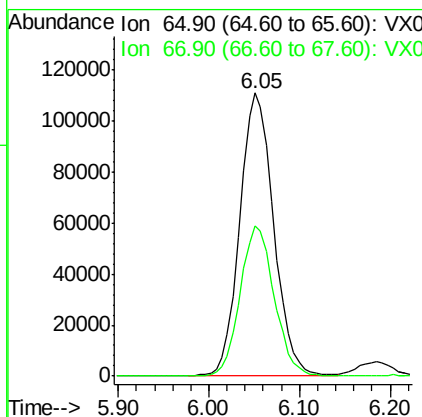
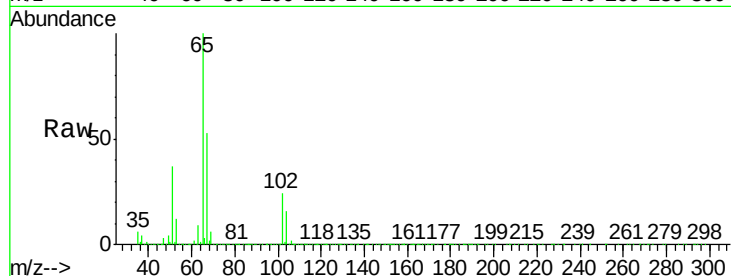
#33
 1,2-Dichloroethane-d4
 Concen: 51.215 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	285983		
67	52.9	0.0	106.4	

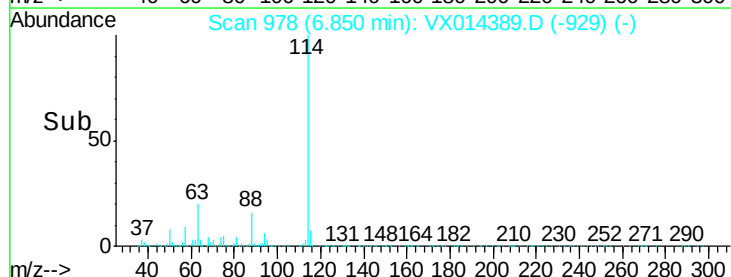
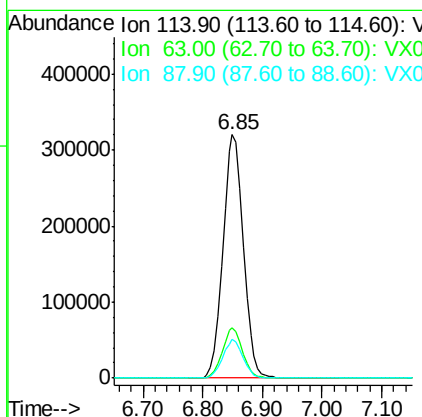
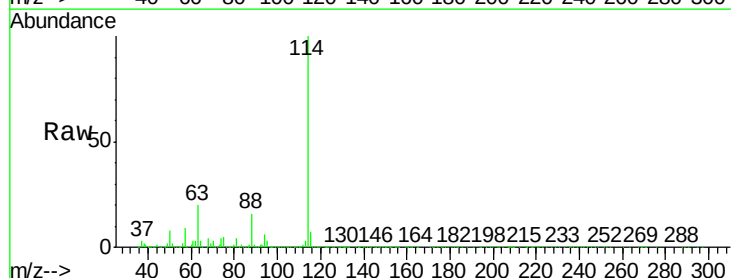
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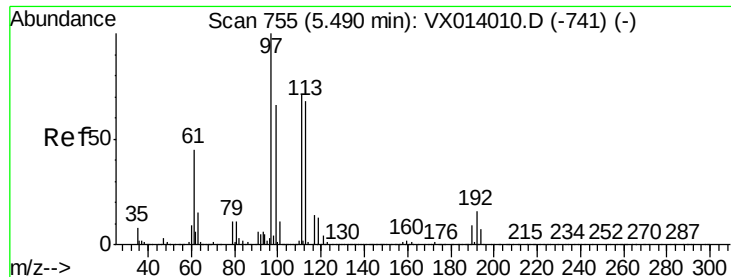
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	763513		
63	20.4	0.0	40.8	
88	16.2	0.0	30.4	





#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

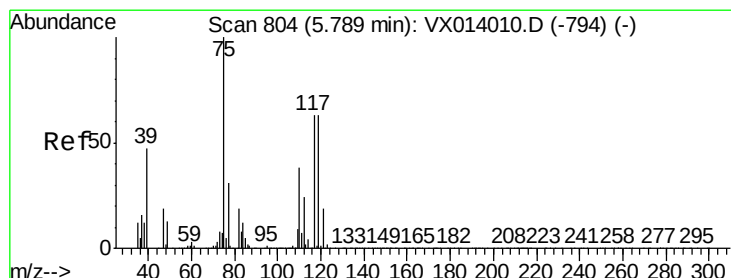
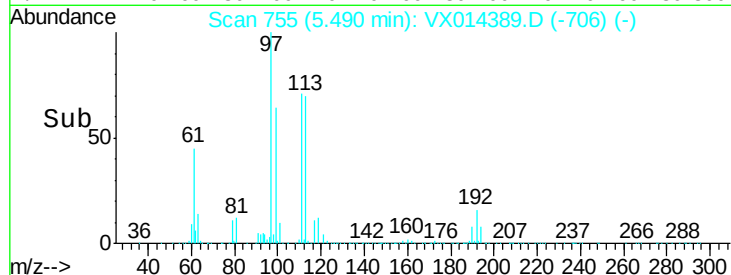
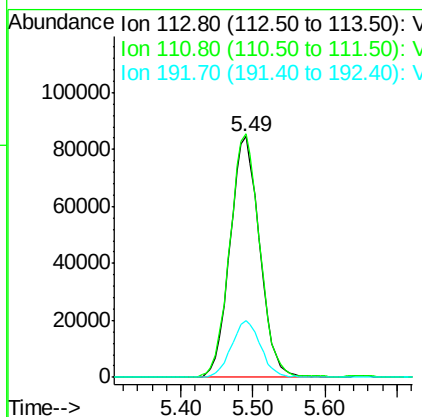
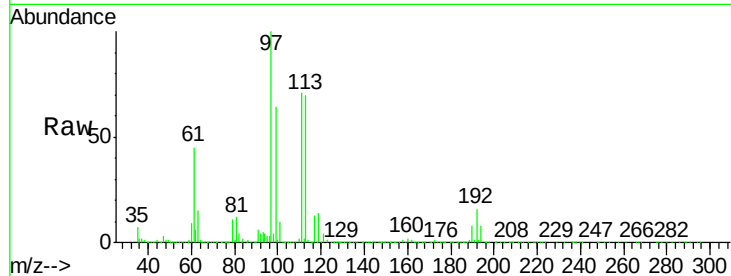
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	241002
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.0	123.0
192	23.3	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 46.605 ug/l

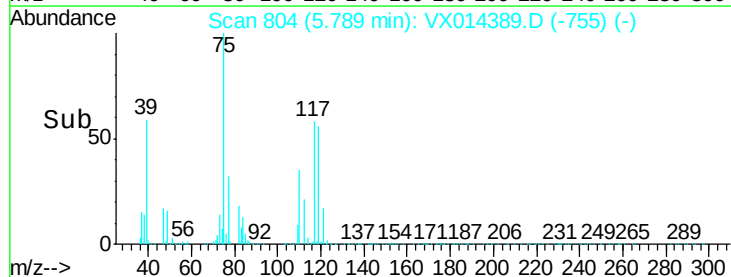
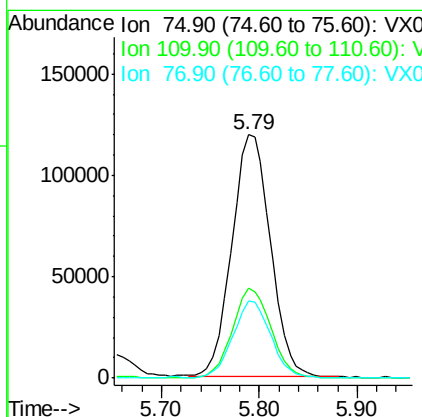
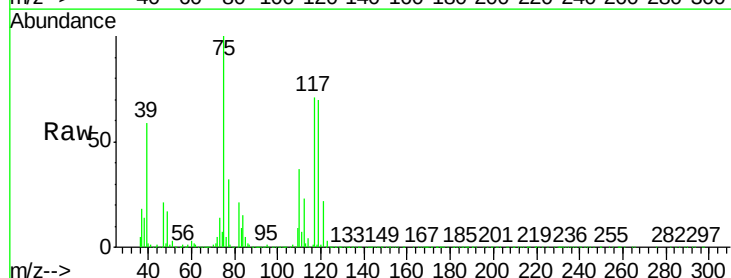
RT: 5.79 min Scan# 804

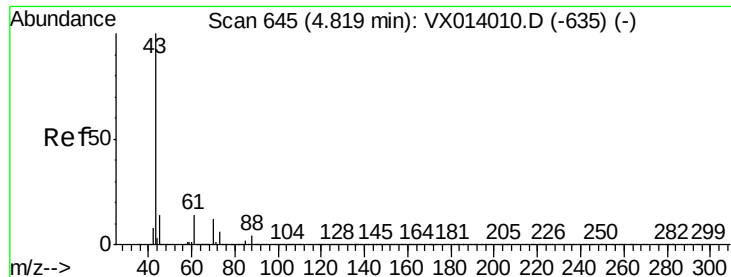
Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	75	Resp:	326497
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.3	54.9
77	31.0	24.8	37.2





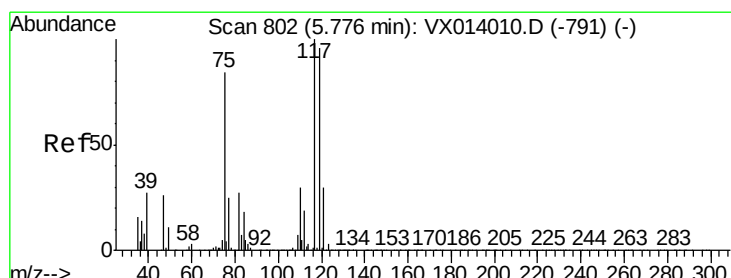
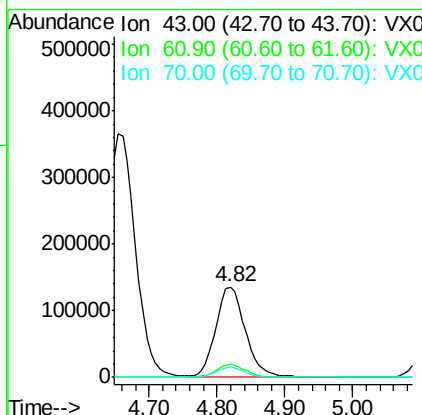
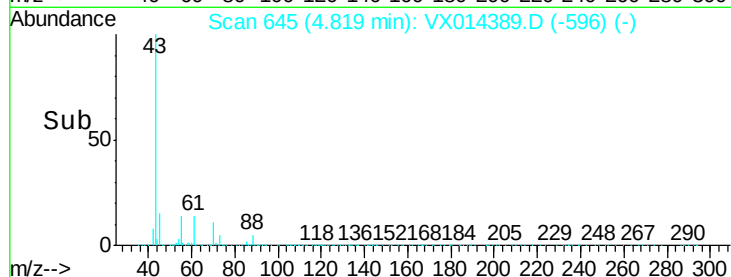
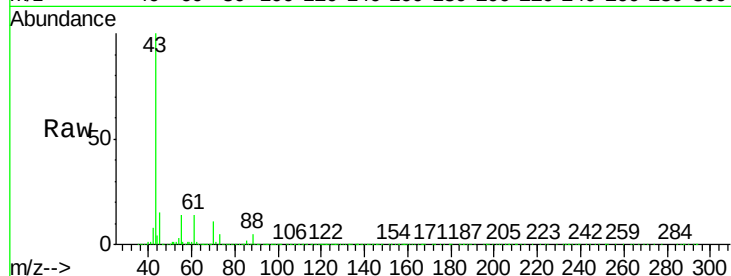
#37
Ethyl Acetate
Concen: 52.413 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	405482
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.8	16.2
70	11.1	8.6	12.8

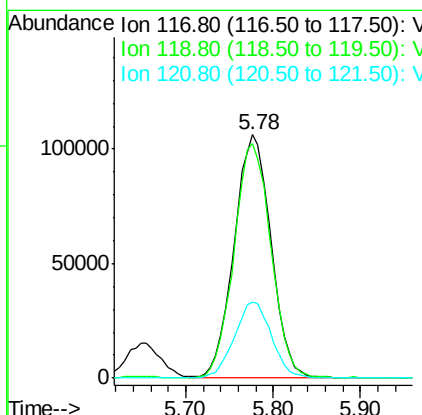
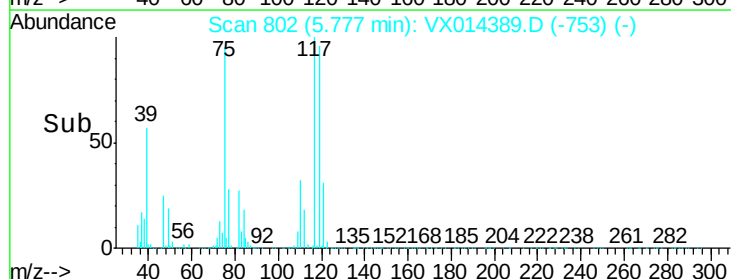
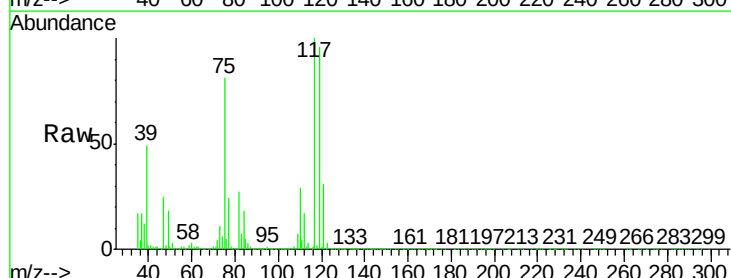
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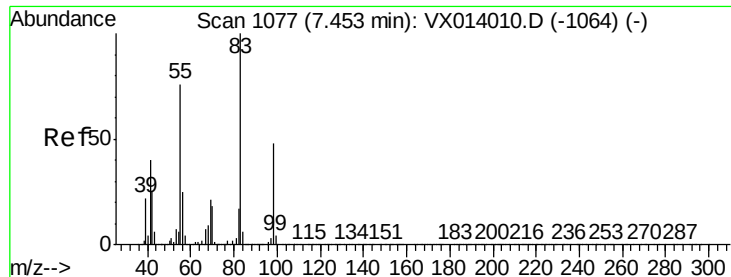
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#38
Carbon Tetrachloride
Concen: 48.778 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	117	Resp	311304
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.2	114.4
121	31.3	23.6	35.4





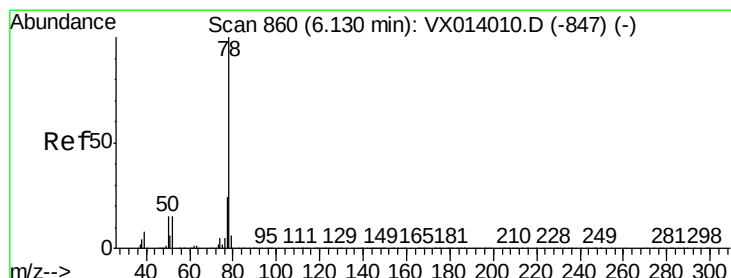
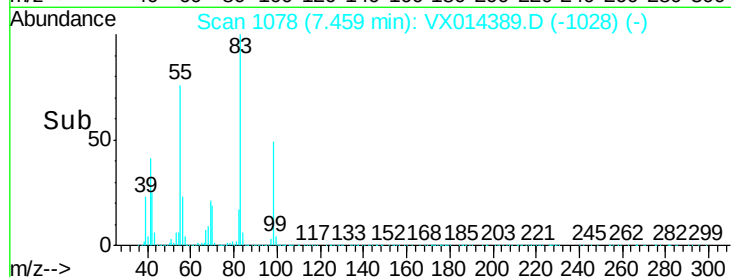
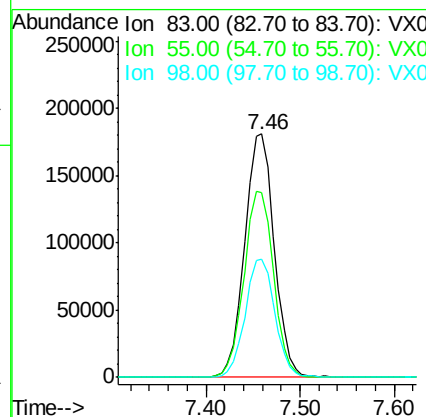
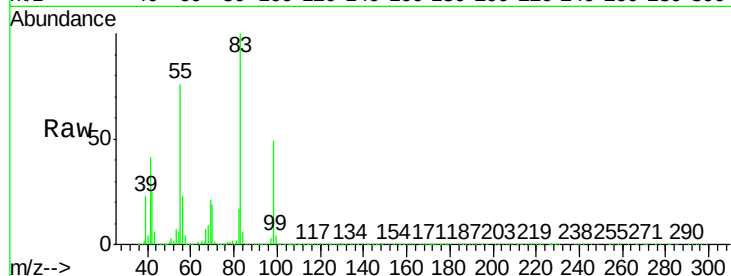
#39
Methylvlcyclohexane
Concen: 46.004 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	397951		
55	76.1	61.0	91.6	
98	48.5	38.6	57.8	

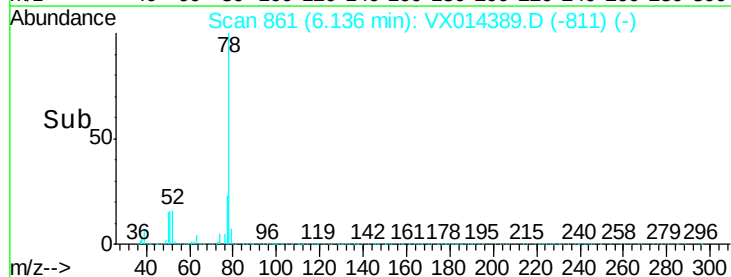
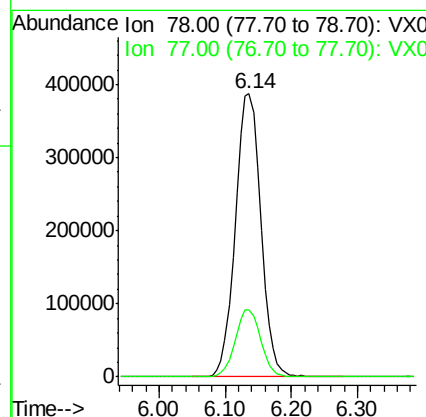
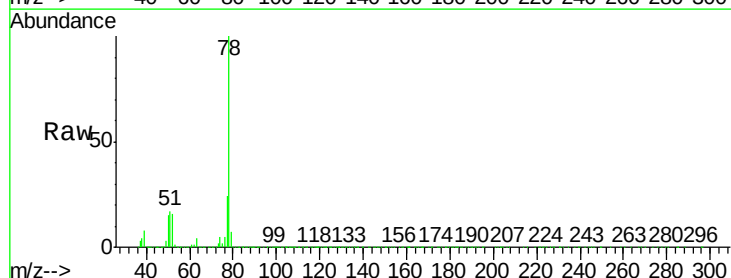
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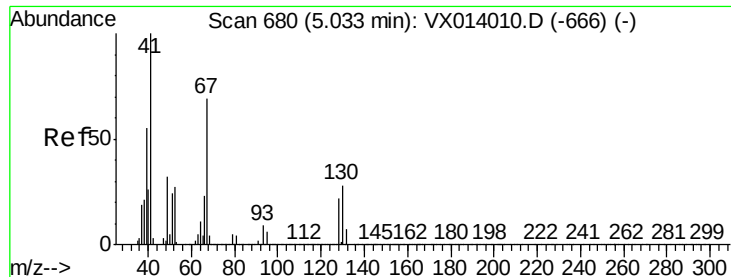
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#40
Benzene
Concen: 48.039 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1035503		
77	23.8	18.8	28.2	





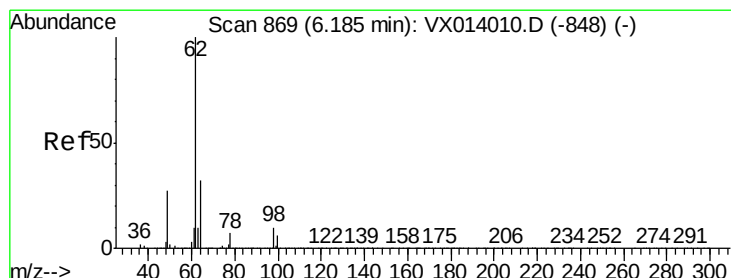
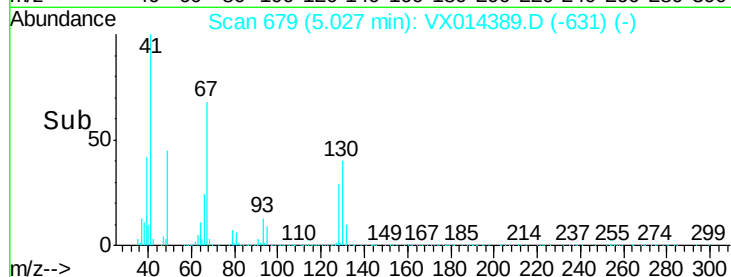
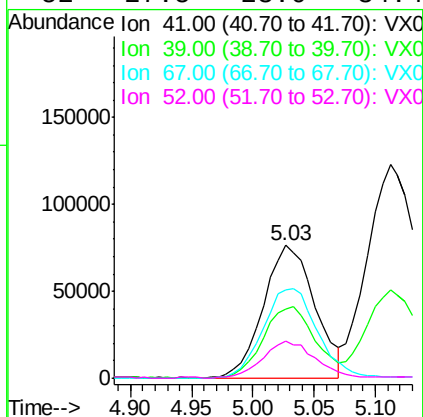
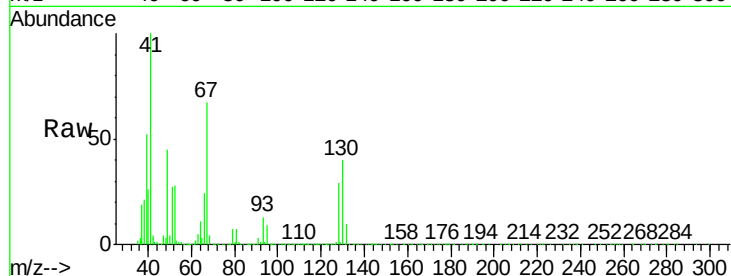
#41
Methacrylonitrile
Concen: 51.959 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		223031		
39	53.7	44.5	66.7		
67	71.3	57.4	86.0		
52	27.5	23.0	34.4		

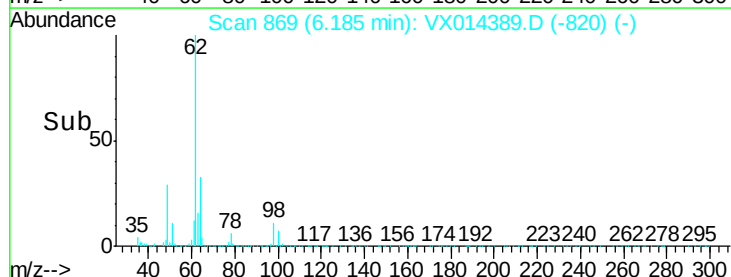
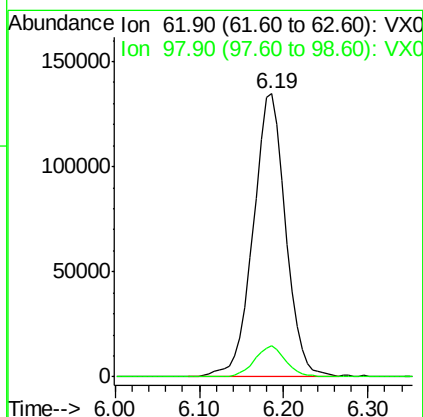
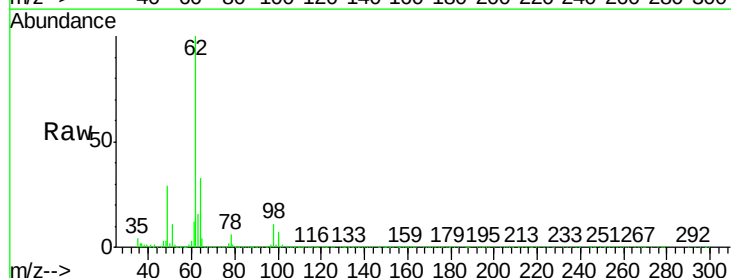
Manual Integrations
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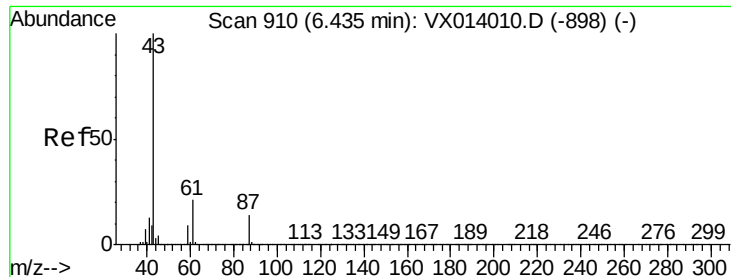
apatel
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#42
1,2-Dichloroethane
Concen: 48.371 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		353441		
98	10.6	0.0	21.0		





#43

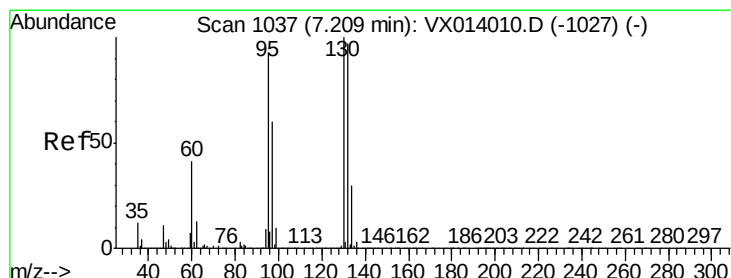
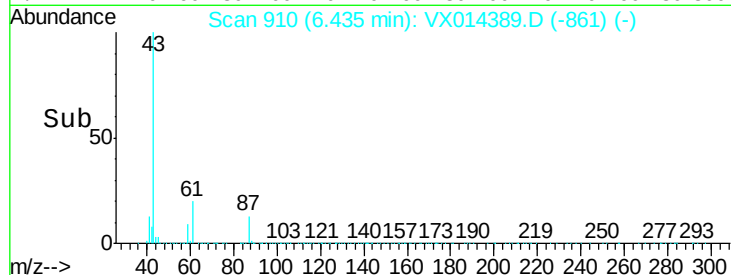
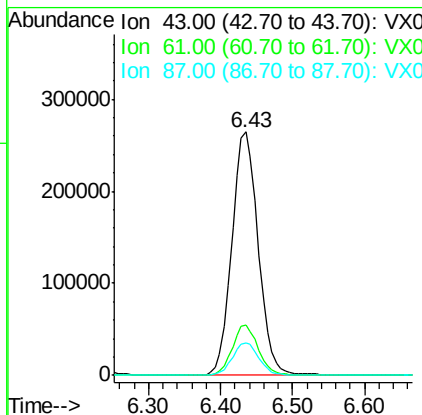
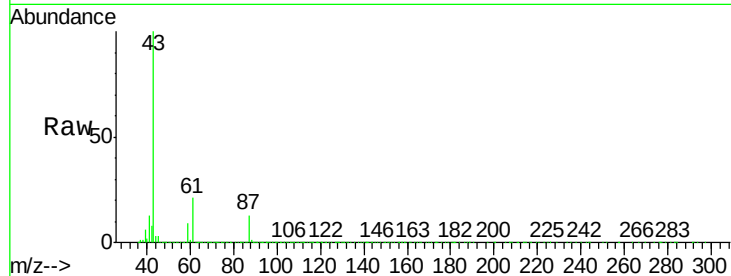
Isopropyl Acetate
 Concen: 52.399 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	670862
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.4	24.6
87	13.3	10.7	16.1

Manual Integrations
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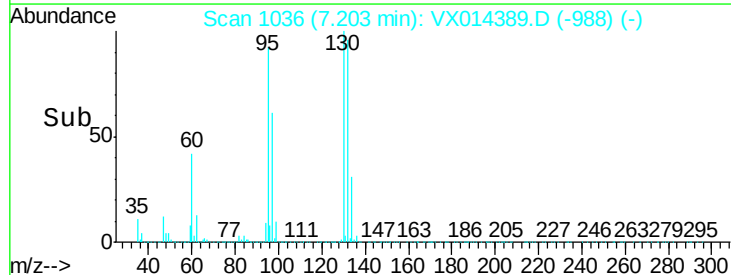
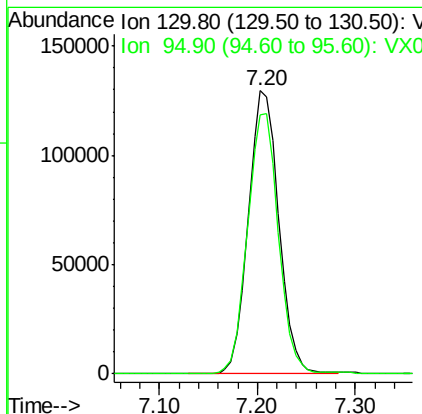
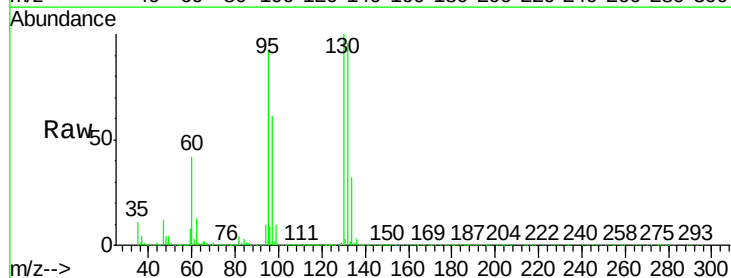
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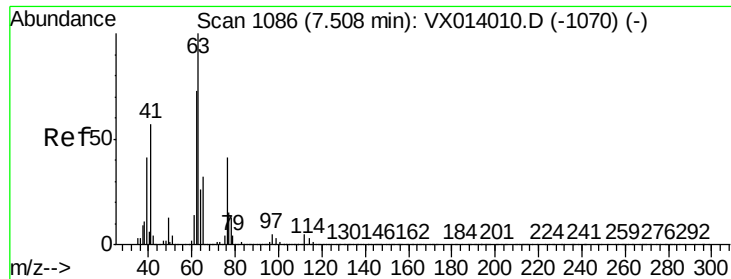


#44

Trichloroethene
 Concen: 47.375 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	130	Resp	282061
Ion Ratio	Lower	Upper	
130	100		
95	91.4	0.0	185.6





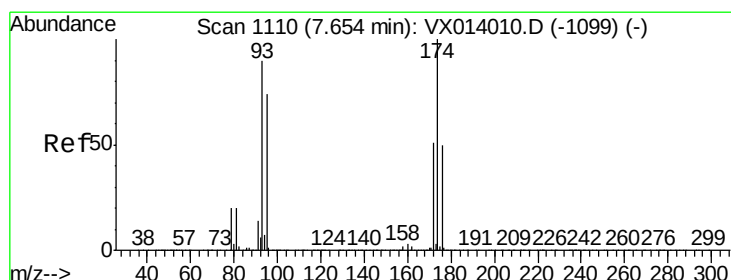
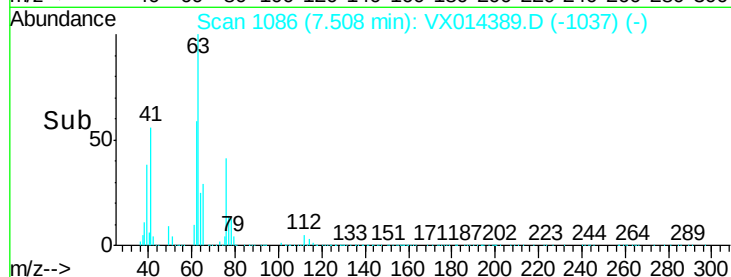
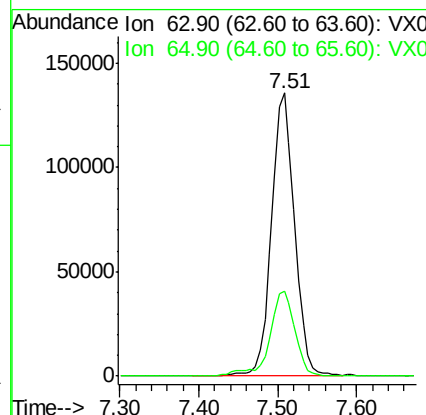
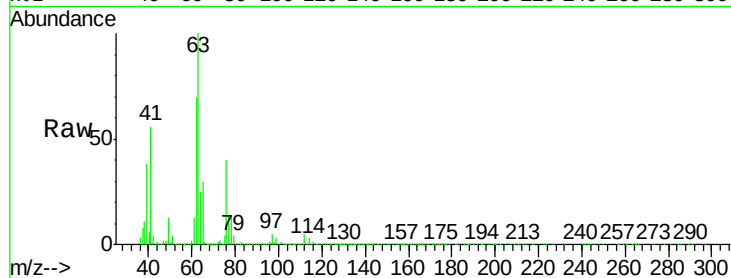
#45
 1,2-Dichloropropane
 Concen: 49.768 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.8	38.8

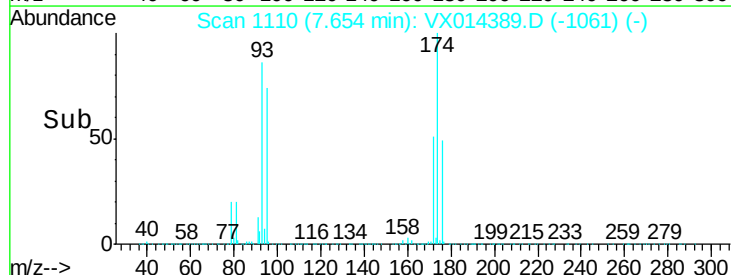
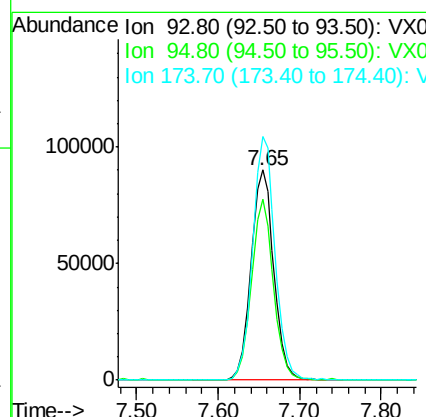
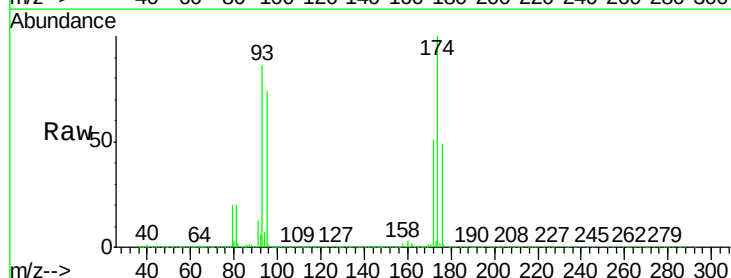
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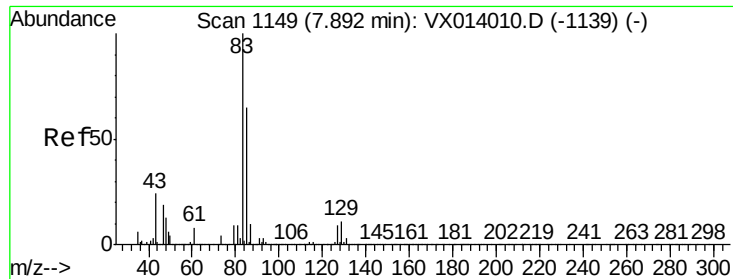
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#46
 Dibromomethane
 Concen: 48.101 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.3	100.9
174	114.8	91.6	137.4





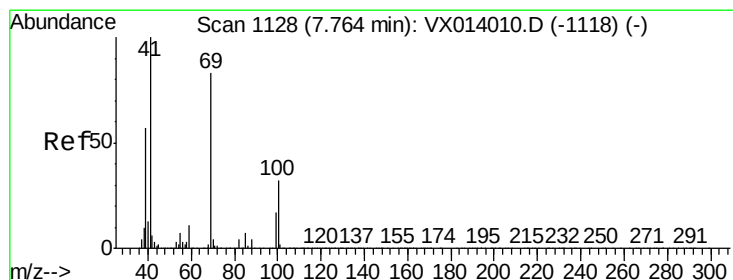
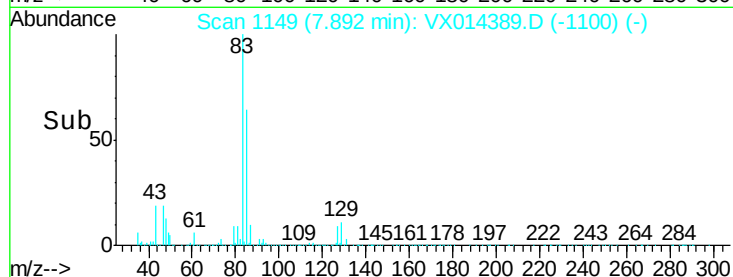
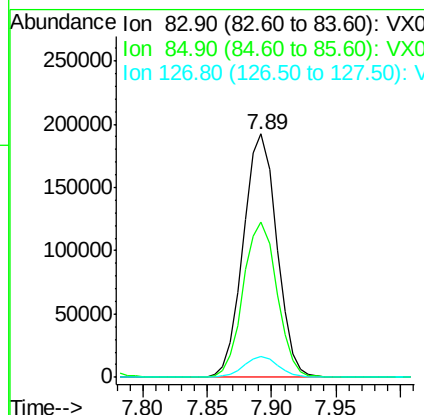
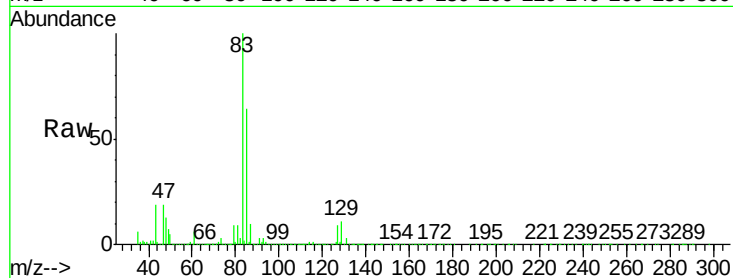
#47
Bromodichloromethane
Concen: 50.140 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	344936
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	8.7	7.0	10.4

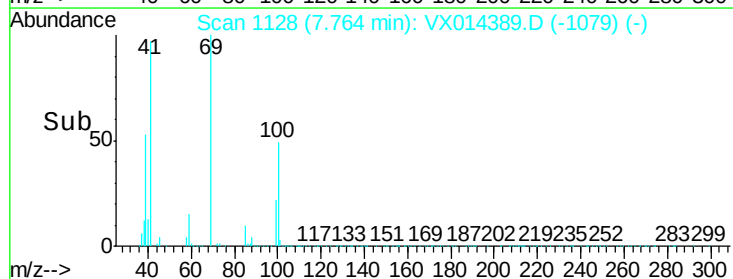
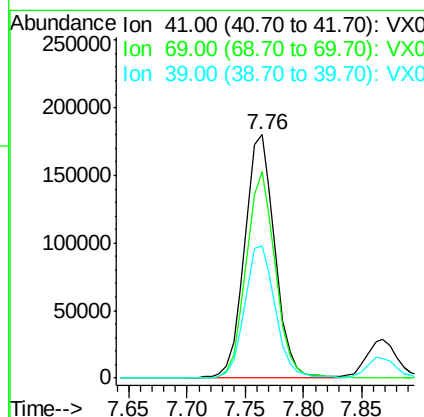
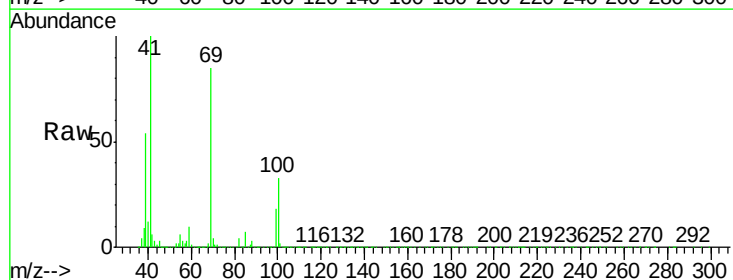
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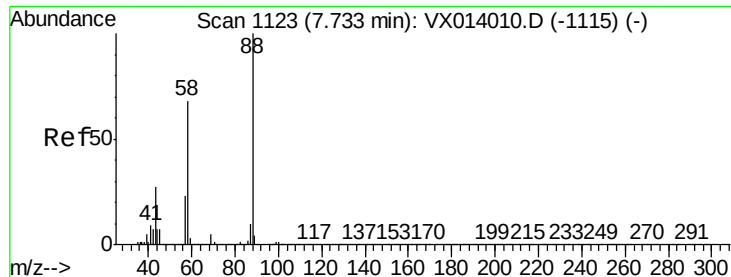
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#48
Methyl methacrylate
Concen: 51.899 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	41	Resp	325369
Ion Ratio	100	Lower	Upper
41	100		
69	82.4	65.8	98.6
39	54.8	44.6	67.0





#49

1,4-Dioxane

Concen: 927.653 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

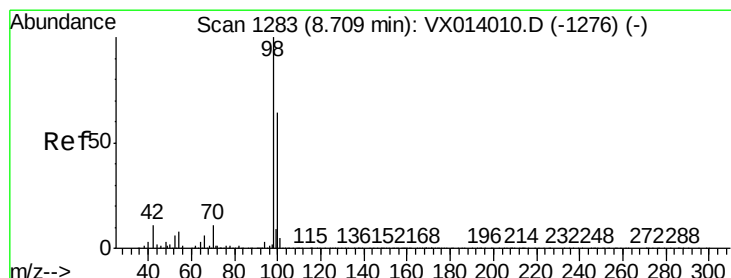
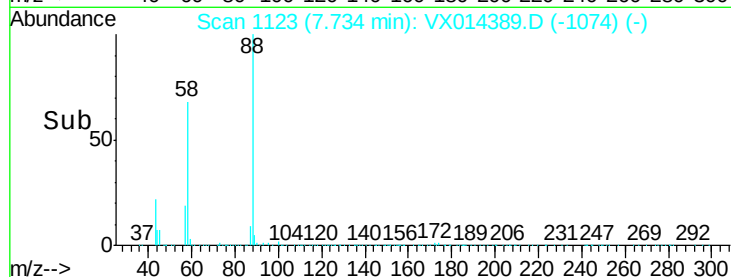
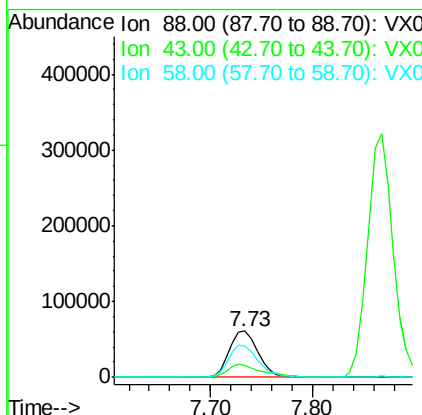
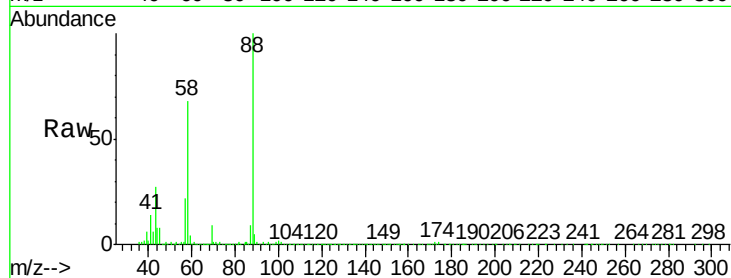
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	118352
Ion Ratio		Lower	Upper
88	100		
43	34.0	26.5	39.7
58	71.9	56.8	85.2

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#50

Toluene-d8

Concen: 50.742 ug/l

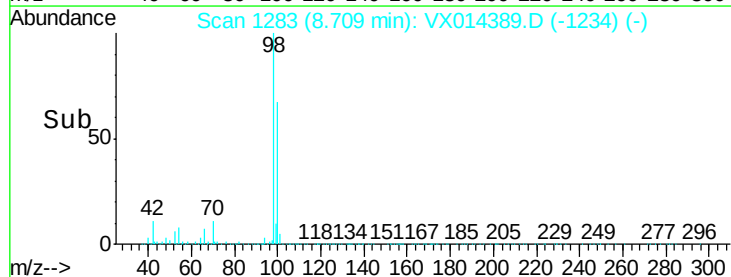
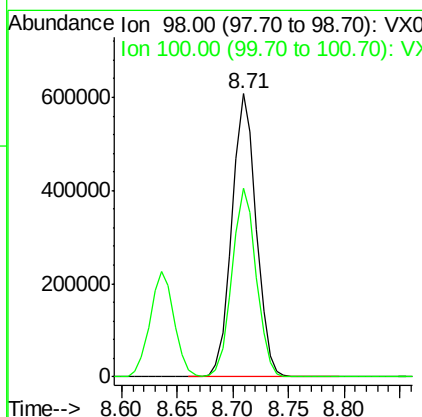
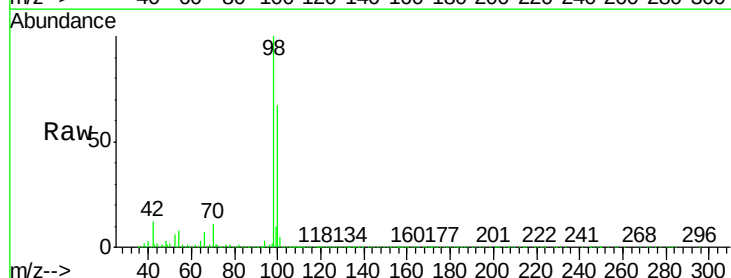
RT: 8.71 min Scan# 1283

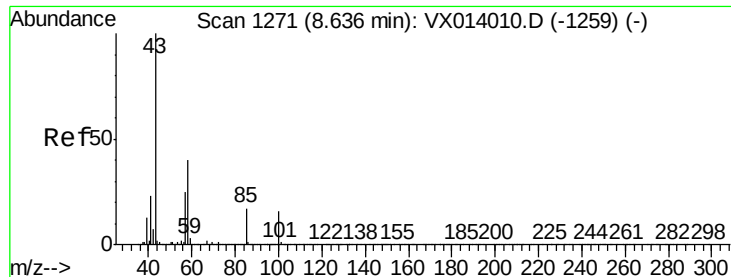
Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	98	Resp:	916895
Ion Ratio		Lower	Upper
98	100		
100	66.6	52.9	79.3





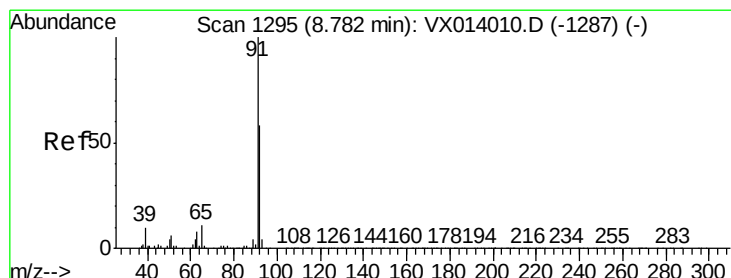
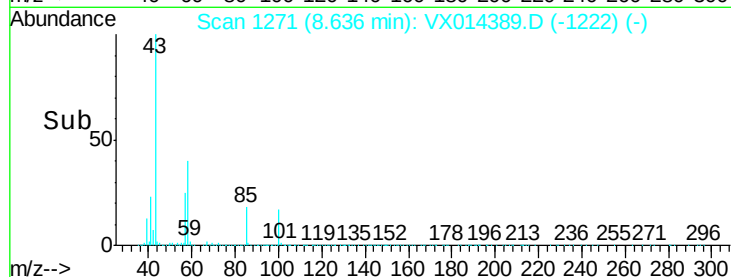
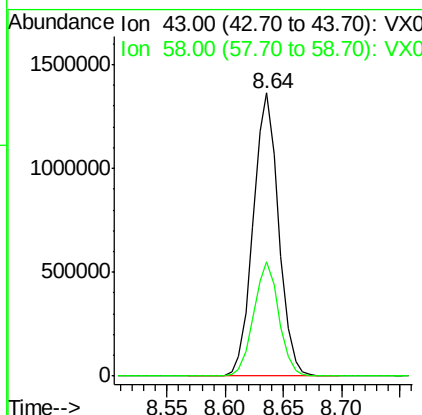
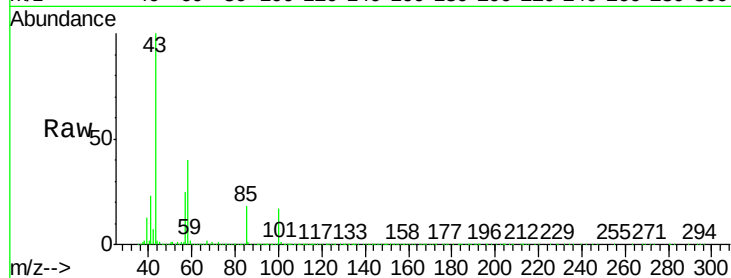
#51
4-Methyl-2-Pentanone
Concen: 257.467 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2070181
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2

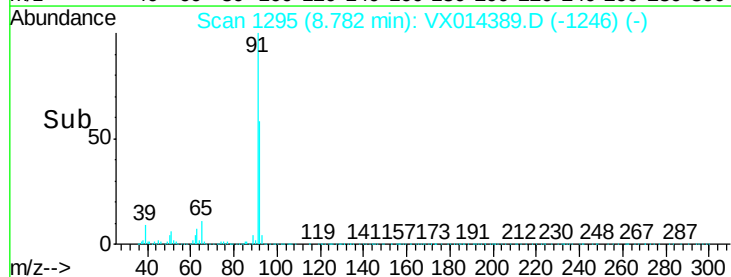
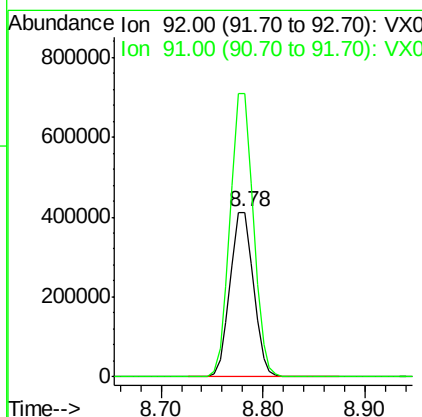
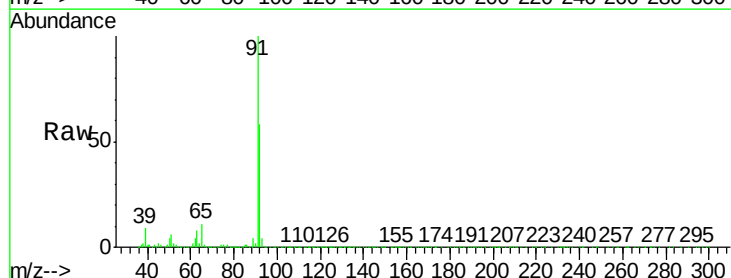
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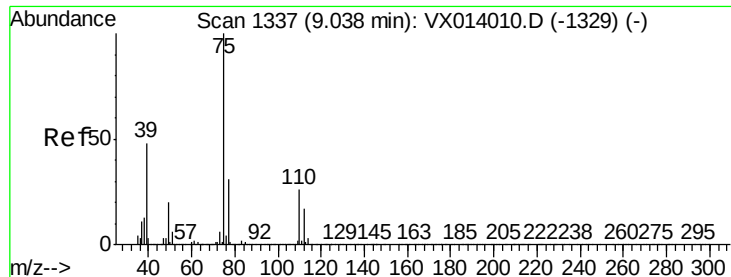
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#52
Toluene
Concen: 47.712 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion: 92 Resp: 650052
Ion Ratio Lower Upper
92 100
91 171.1 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 51.648 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 389604

Ion Ratio Lower Upper

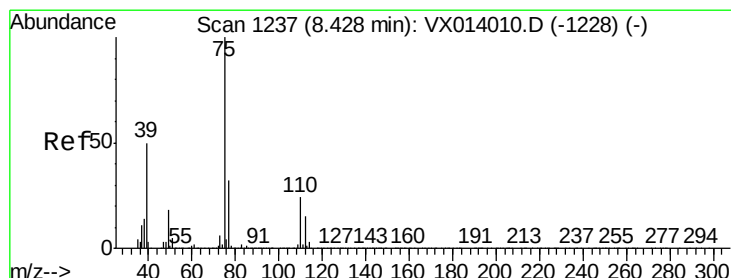
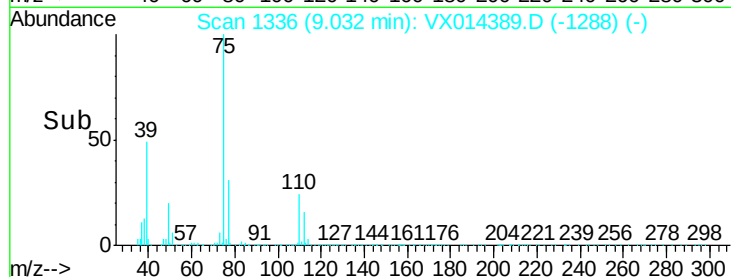
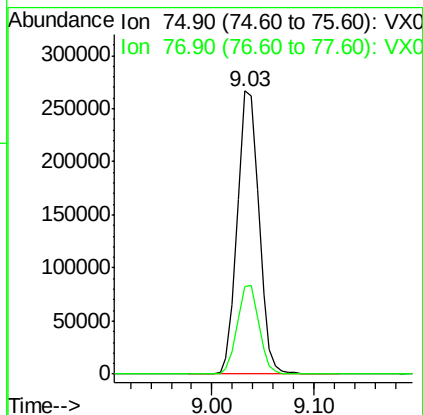
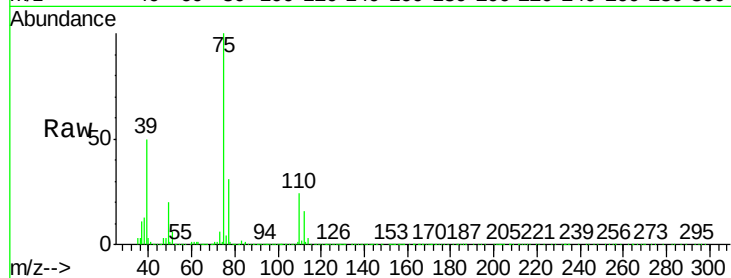
75 100

77 30.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 51.737 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

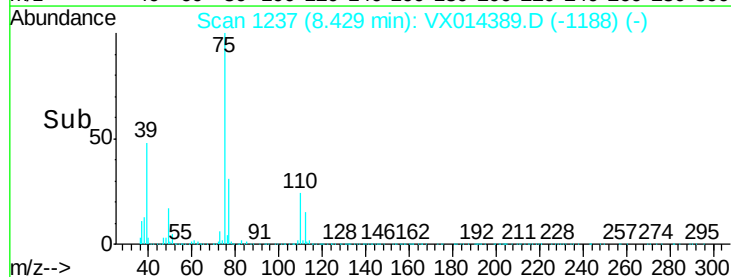
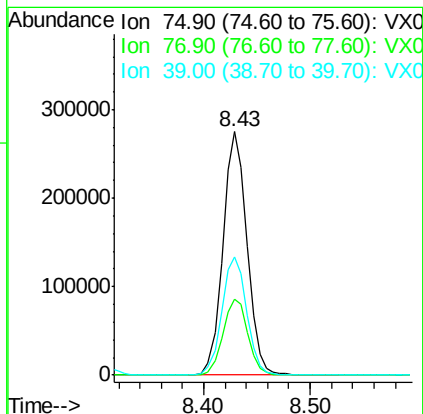
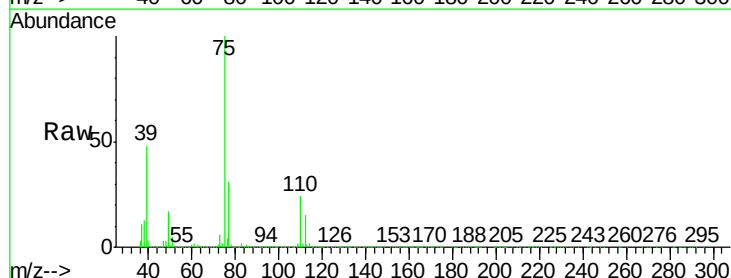
Tgt Ion: 75 Resp: 434788

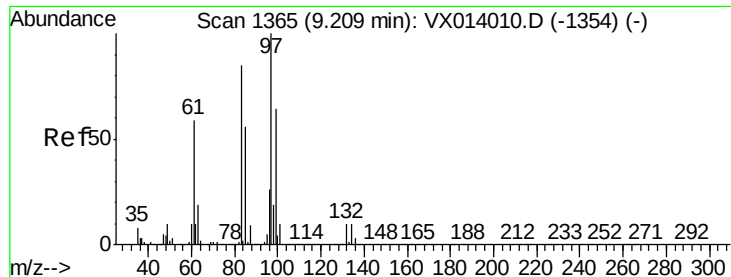
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 48.3 39.9 59.9





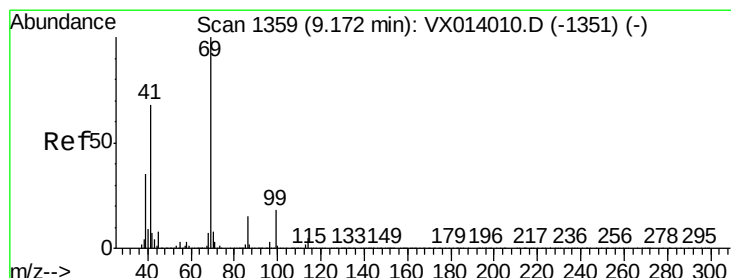
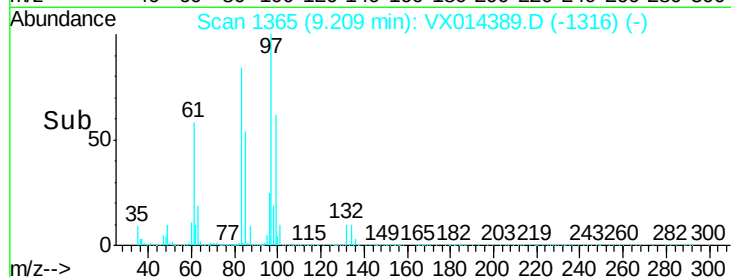
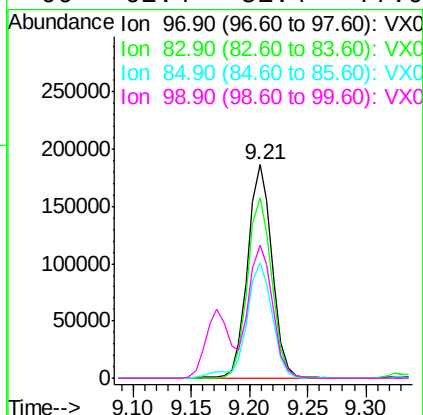
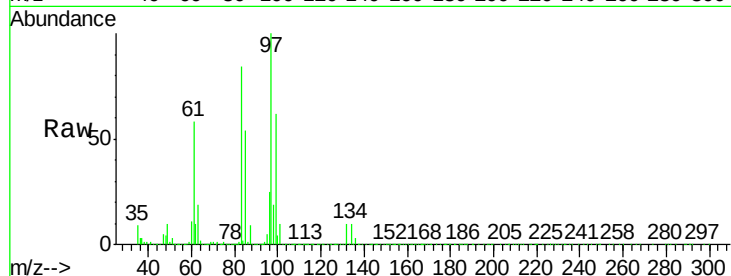
#55
 1,1,2-Trichloroethane
 Concen: 50.090 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		273521		
83	84.5	68.2	102.4		
85	53.9	44.6	66.8		
99	62.4	51.4	77.0		

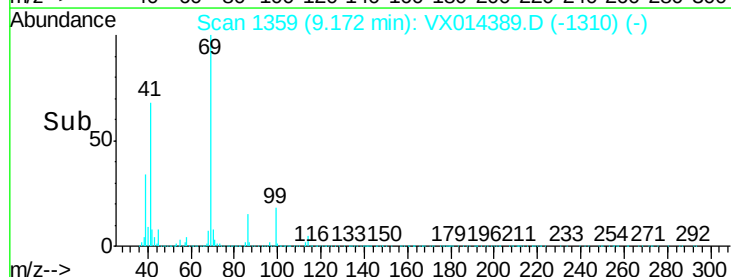
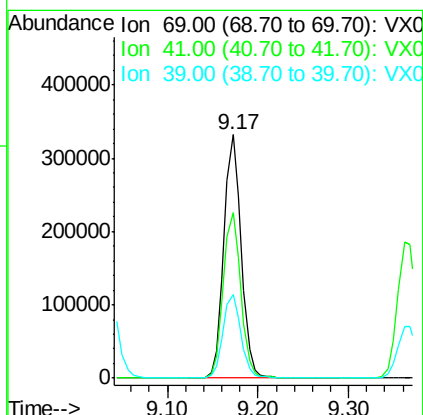
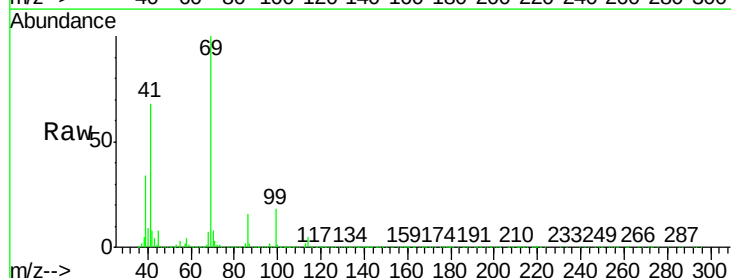
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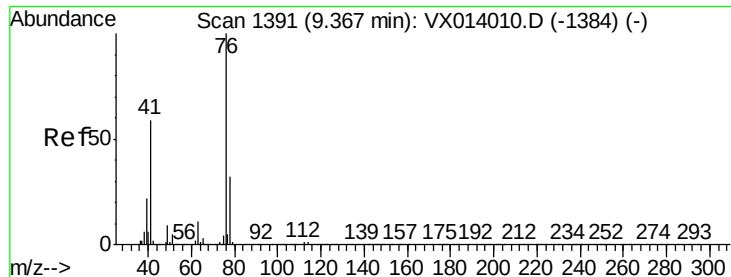
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#56
 Ethyl methacrylate
 Concen: 51.628 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		442851		
41	69.1	54.8	82.2		
39	35.4	28.3	42.5		





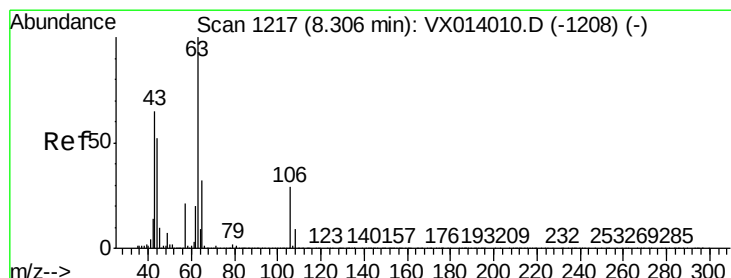
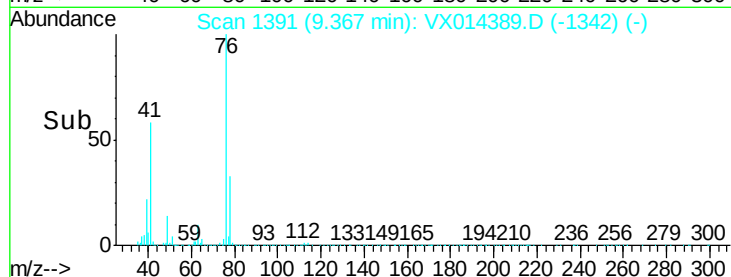
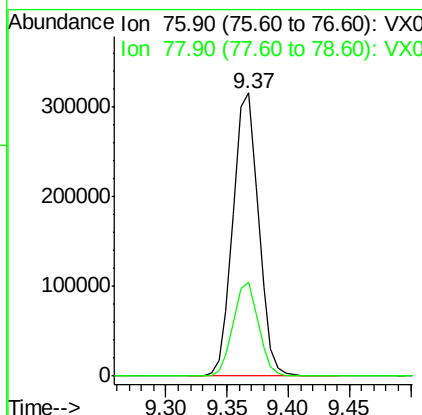
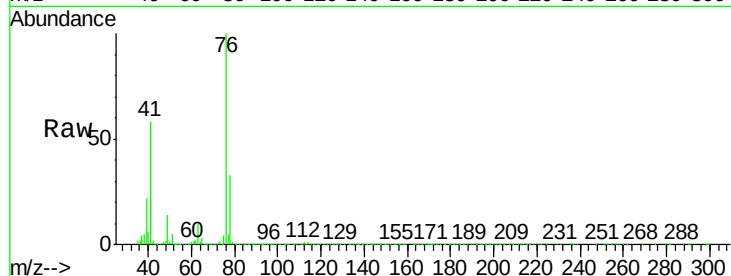
#57
 1,3-Dichloropropane
 Concen: 49.499 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 454770
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6

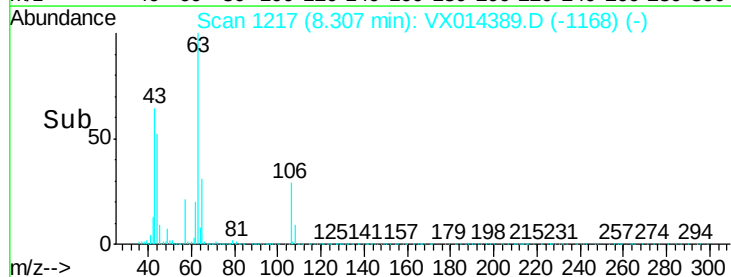
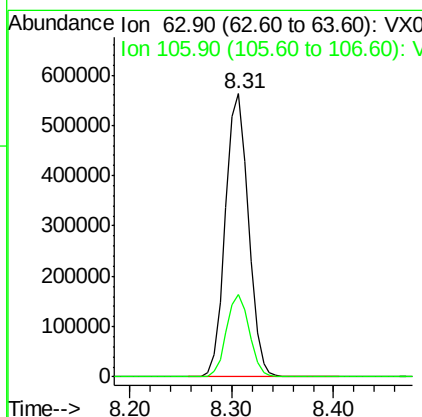
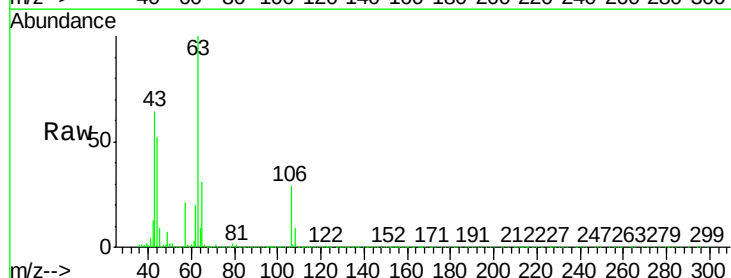
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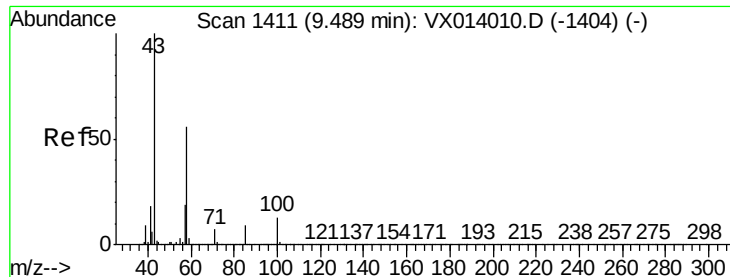
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#58
 2-Chloroethyl Vinyl ether
 Concen: 271.652 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion: 63 Resp: 881815
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.6





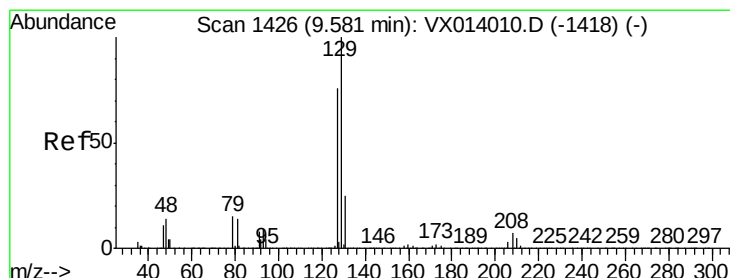
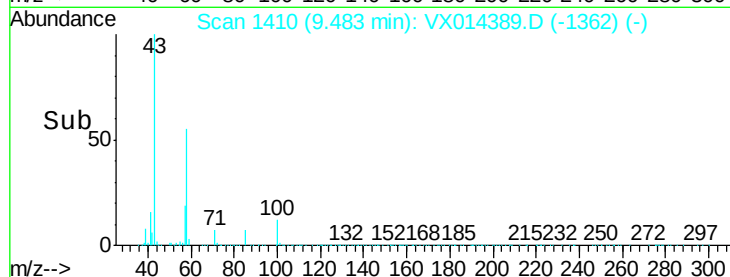
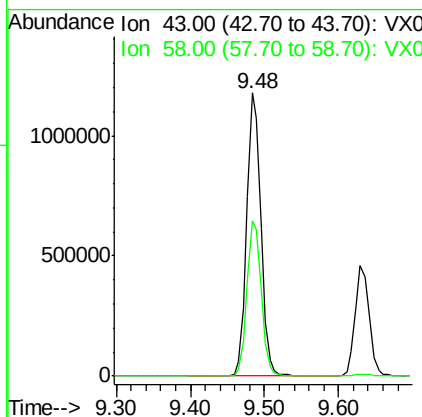
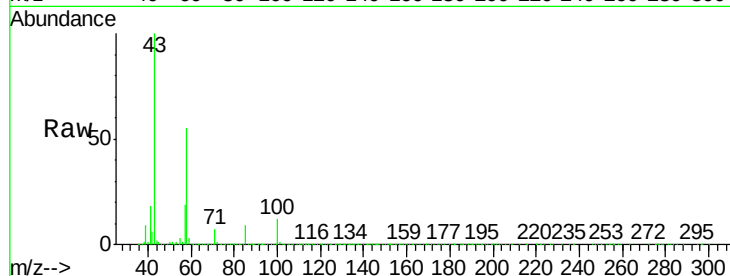
#59
2-Hexanone
Concen: 243.916 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1578787
Ion Ratio Lower Upper
43 100
58 55.8 28.0 84.0

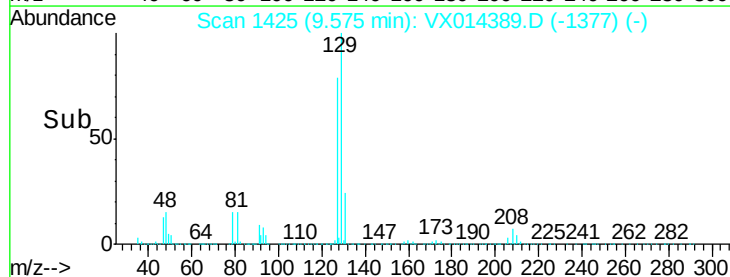
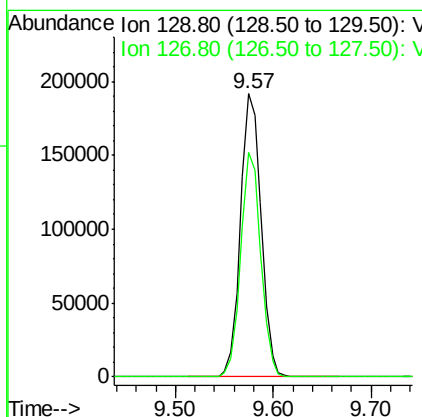
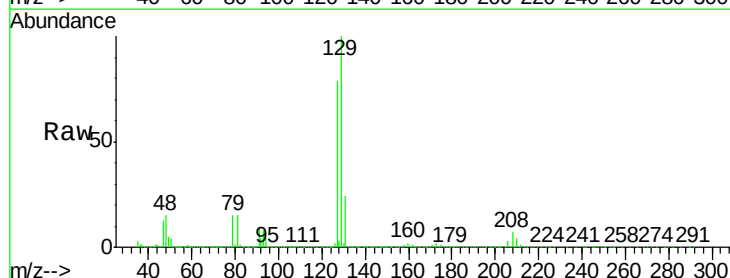
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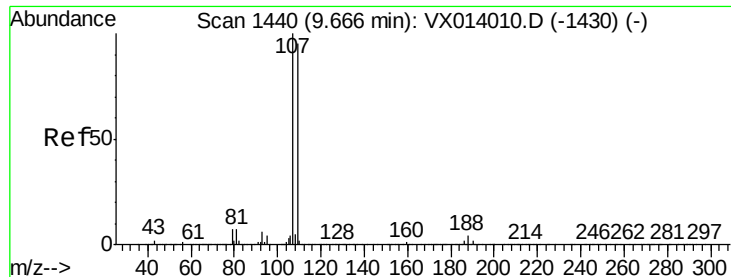
apatel
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#60
Dibromochloromethane
Concen: 51.776 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion: 129 Resp: 281036
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





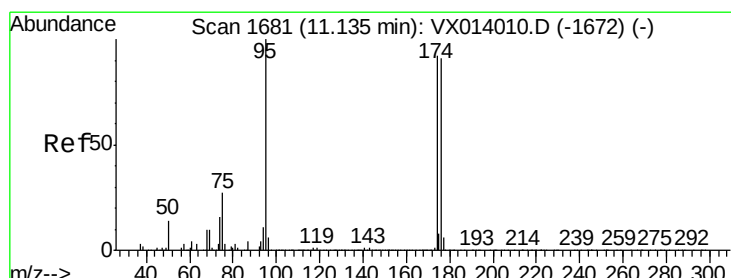
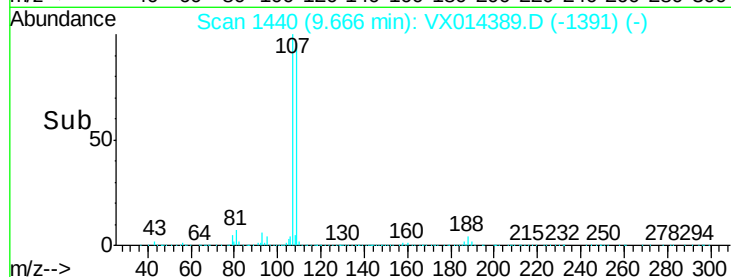
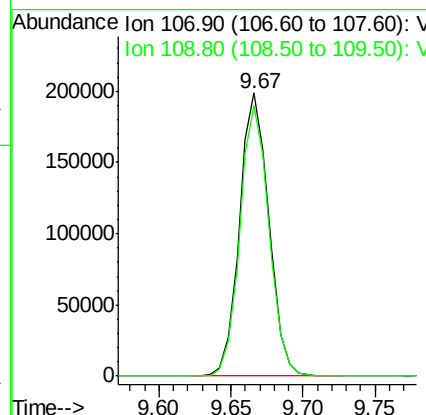
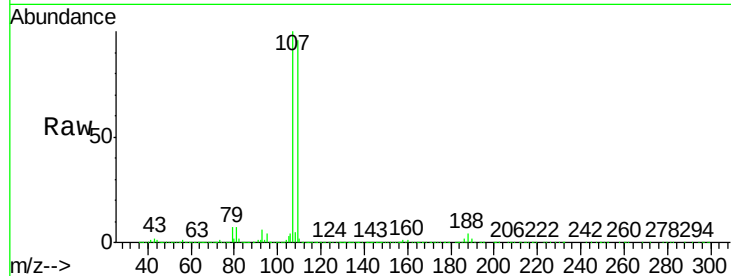
#61
 1,2-Dibromoethane
 Concen: 50.329 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.7	113.5

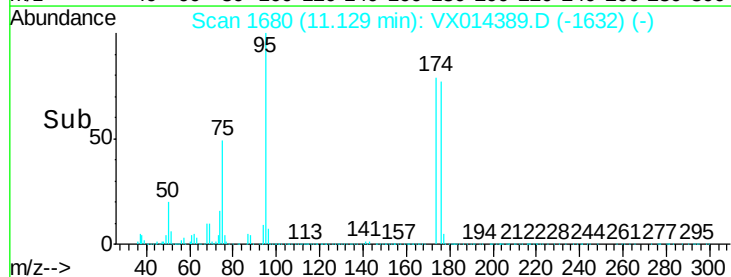
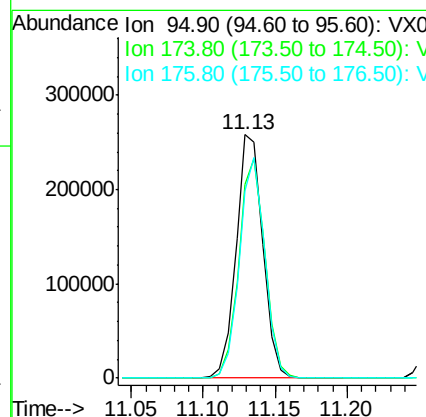
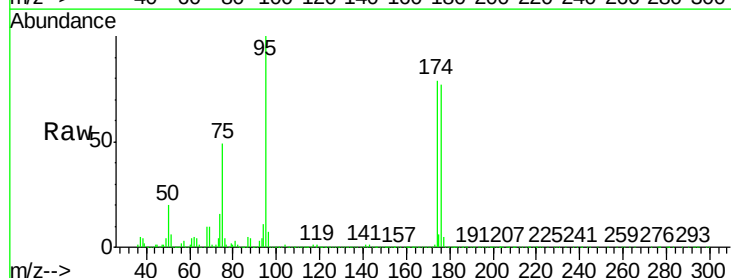
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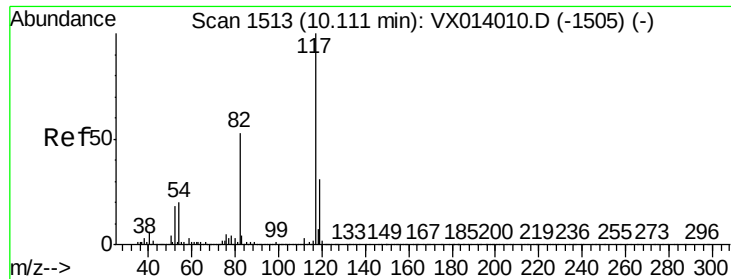
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.589 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	175.8
176	86.3	0.0	173.0





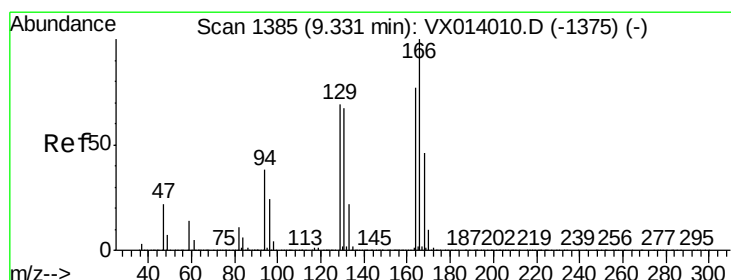
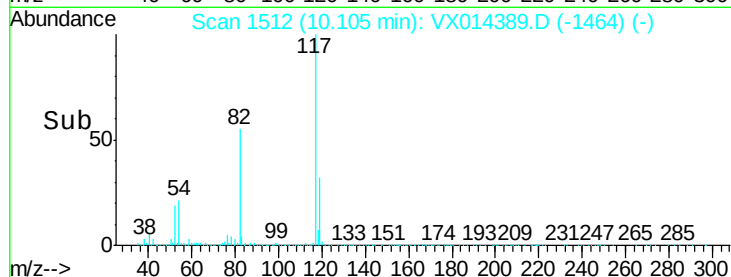
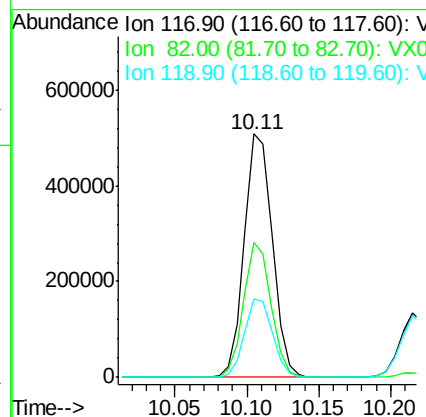
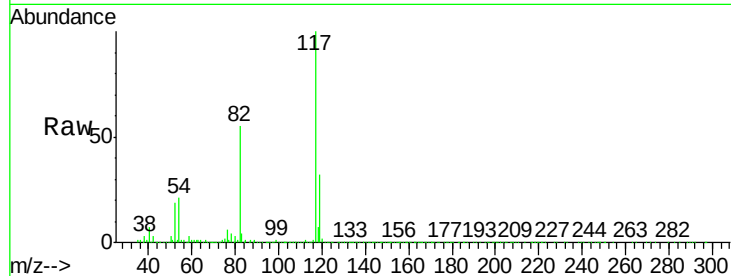
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.3	42.2	63.4
119	32.1	25.1	37.7

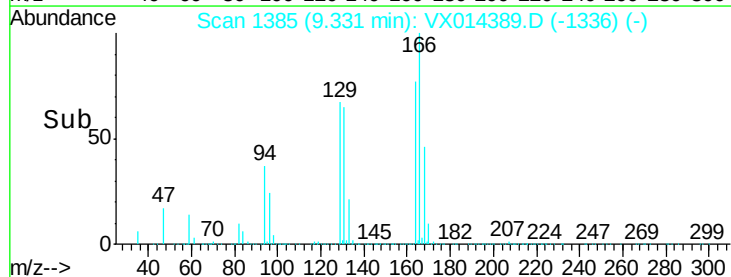
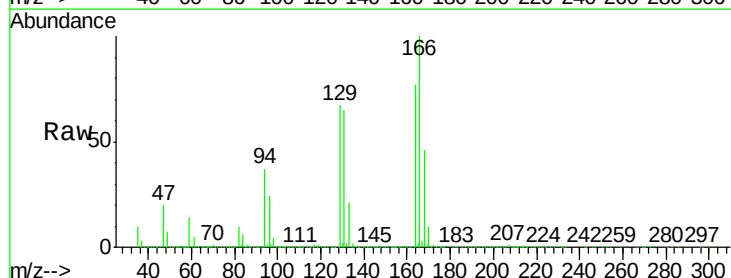
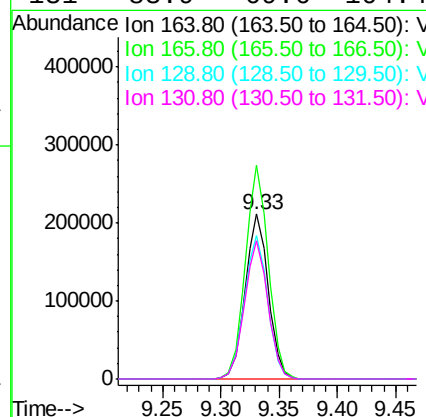
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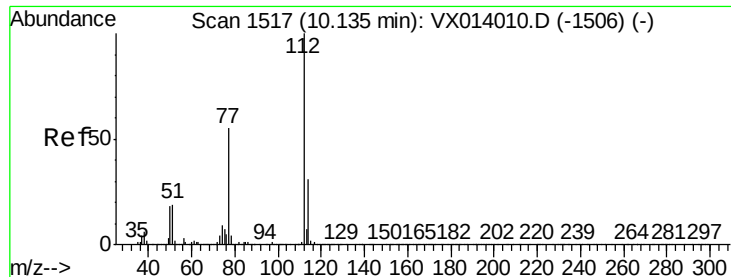
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#64
Tetrachloroethene
Concen: 47.824 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.7	104.0	156.0
129	87.2	72.2	108.4
131	83.9	69.6	104.4





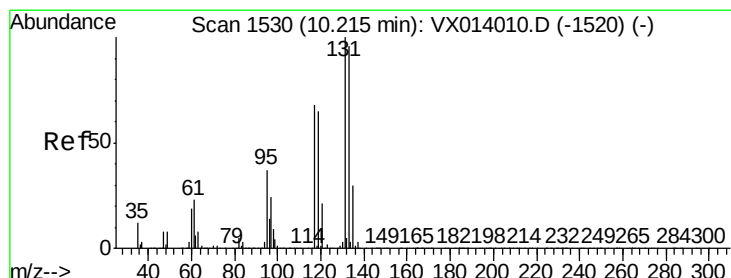
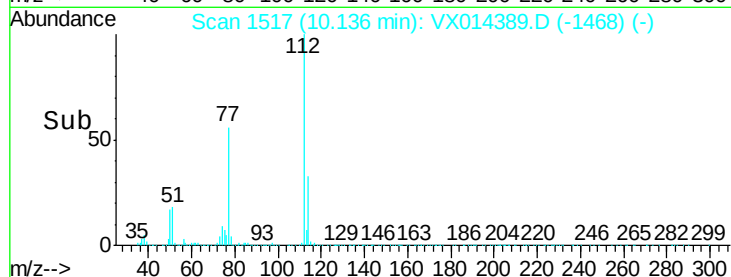
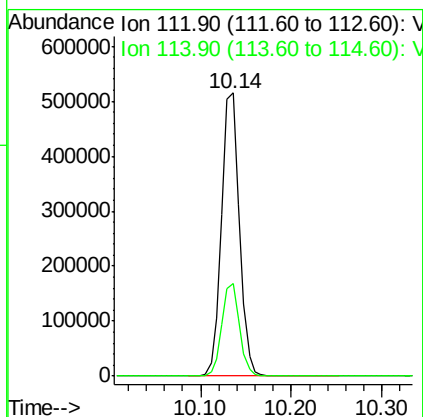
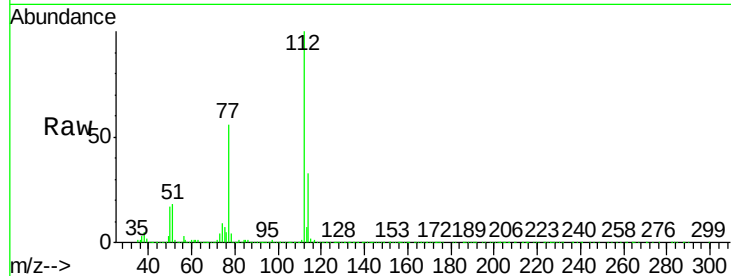
#65
Chlorobenzene
Concen: 48.407 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	24.9	37.3

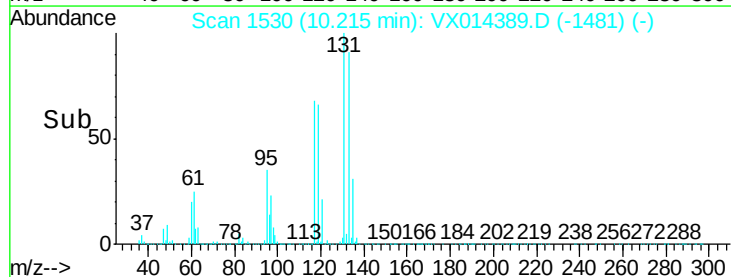
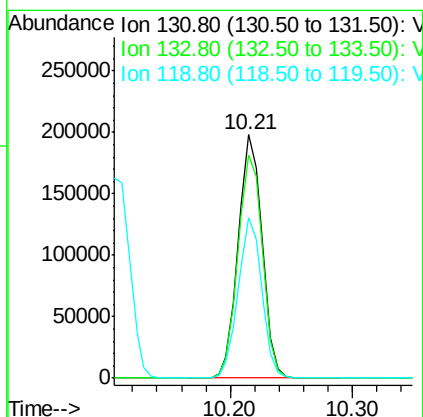
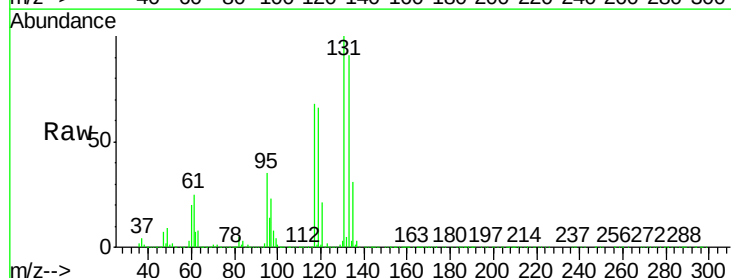
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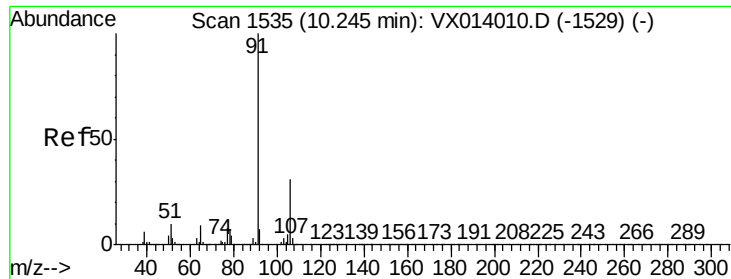
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.841 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	48.0	144.0
119	64.6	33.4	100.2





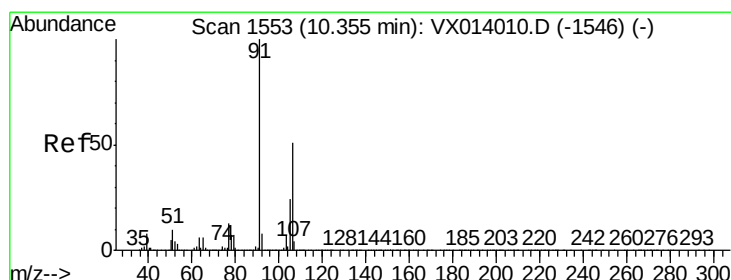
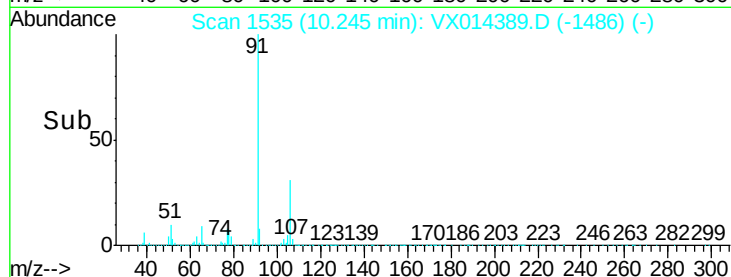
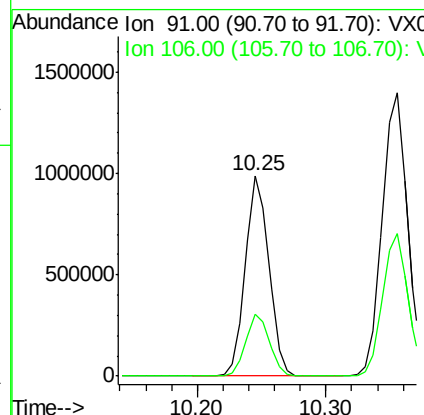
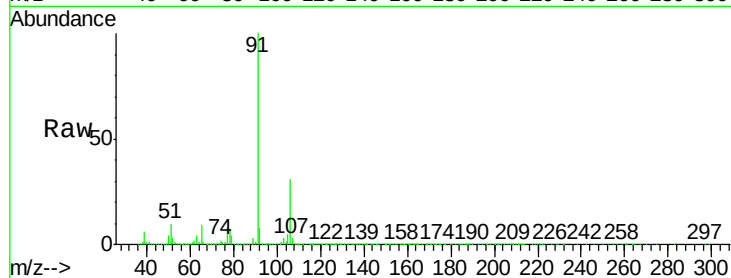
#67
Ethyl Benzene
Concen: 49.541 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1249937
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

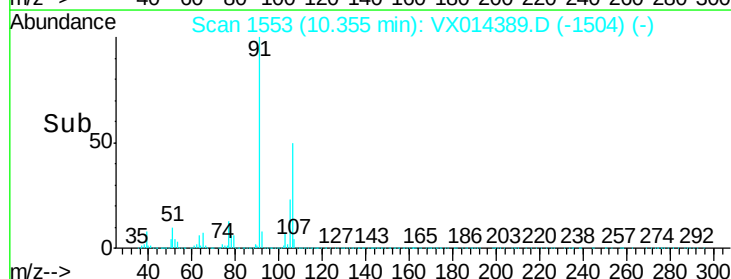
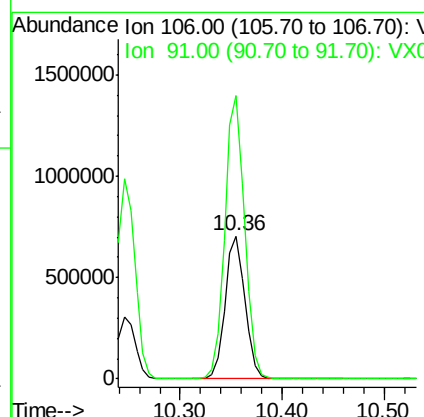
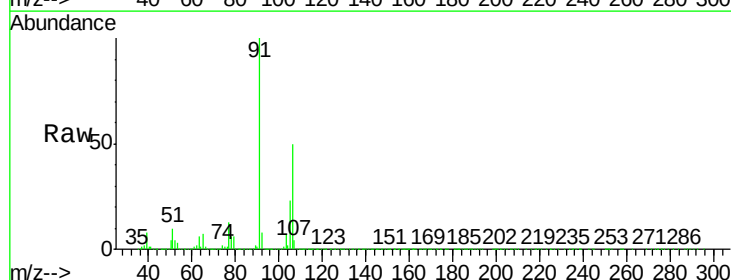
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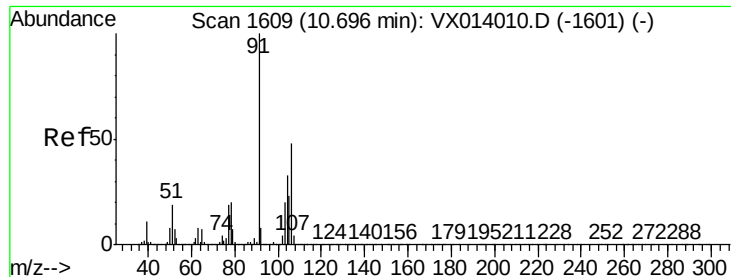
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#68
m/p-Xylenes
Concen: 97.781 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion: 106 Resp: 948856
Ion Ratio Lower Upper
106 100
91 199.2 158.6 238.0





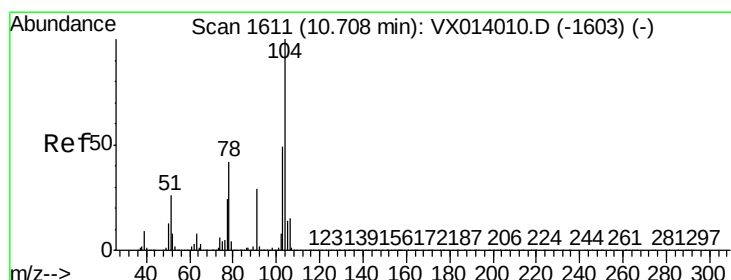
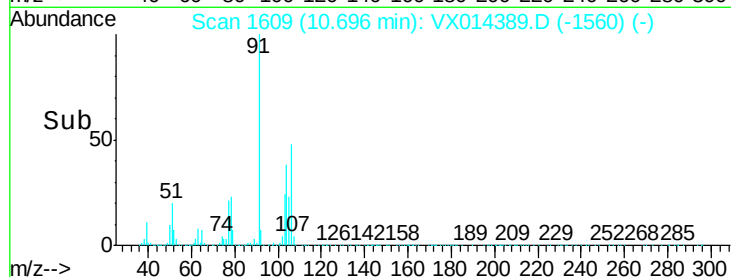
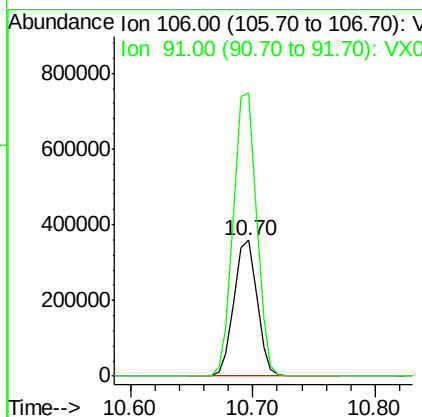
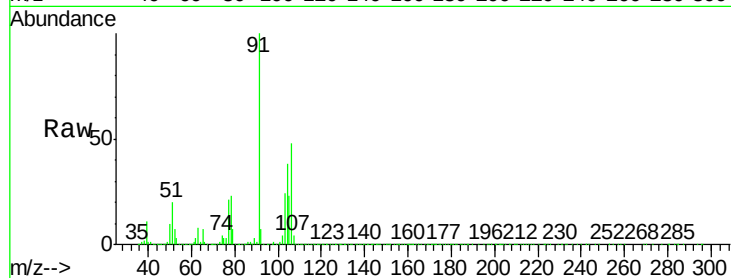
#69
o-Xylene
Concen: 49.139 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	104.2	312.6

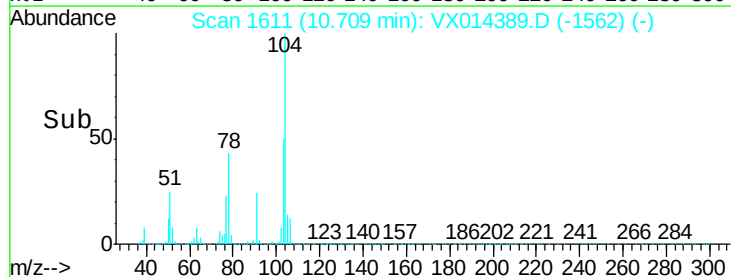
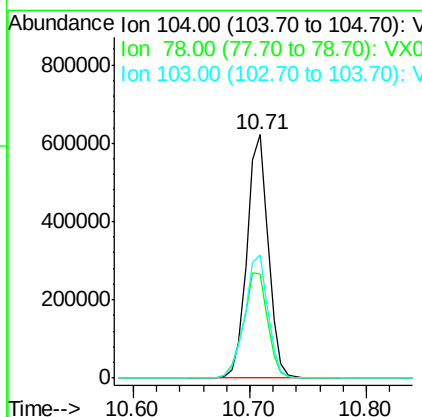
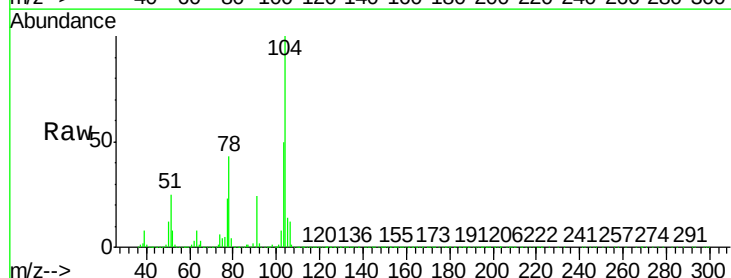
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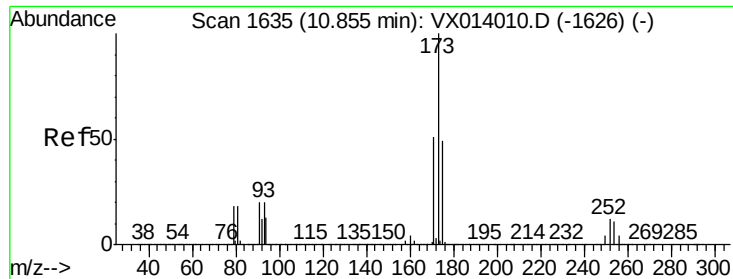
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#70
Styrene
Concen: 49.485 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.5	57.7
103	55.0	42.9	64.3





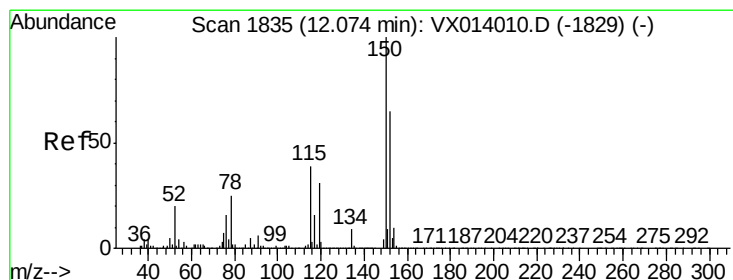
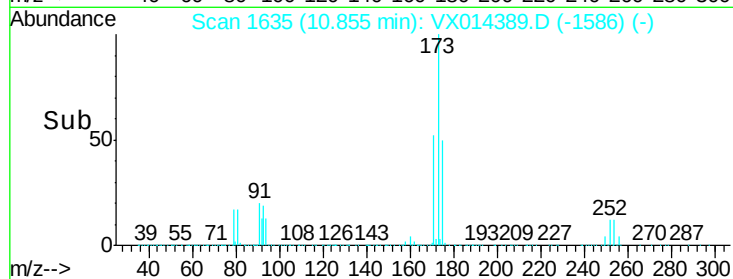
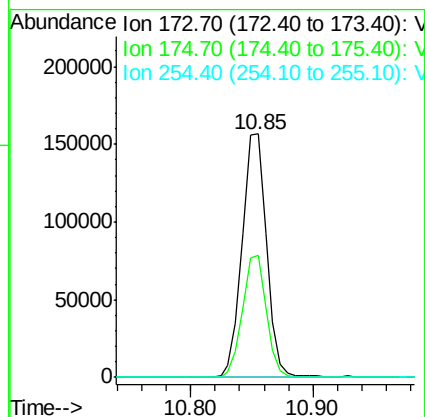
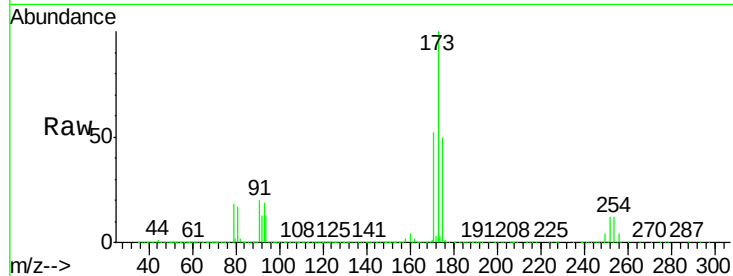
#71
Bromoform
Concen: 51.465 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.2	0.2	0.2

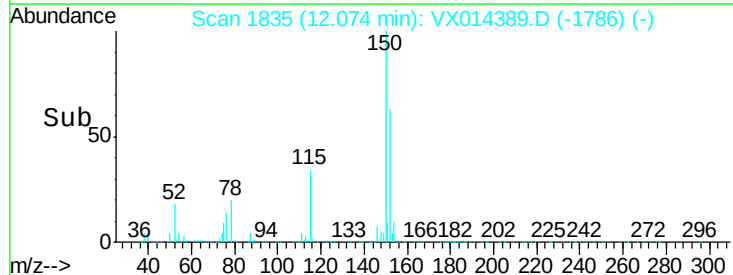
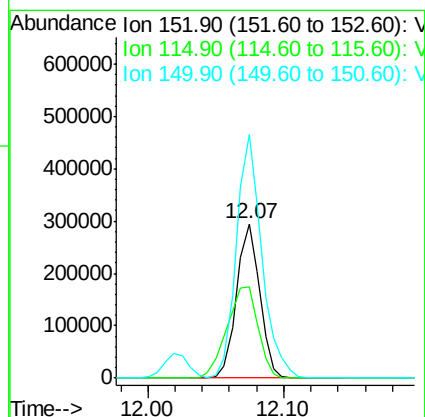
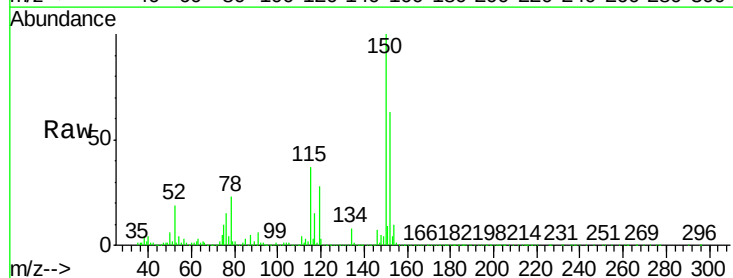
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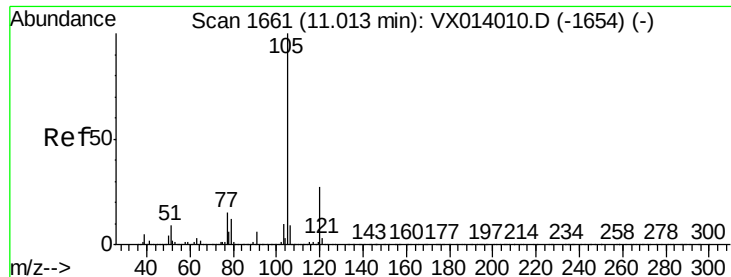
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.6	38.3	114.9
150	173.2	0.0	345.4





#73

Isopropylbenzene

Concen: 50.179 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1232144

Ion Ratio Lower Upper

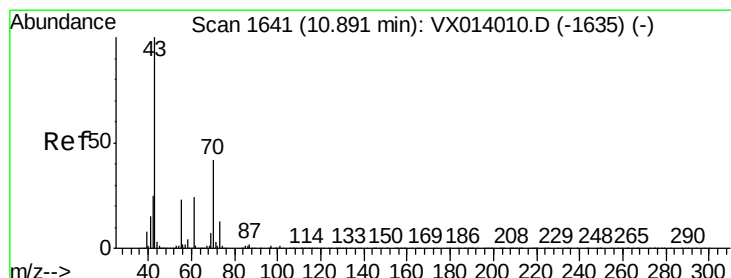
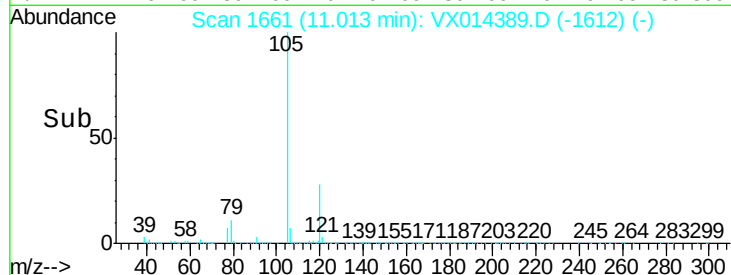
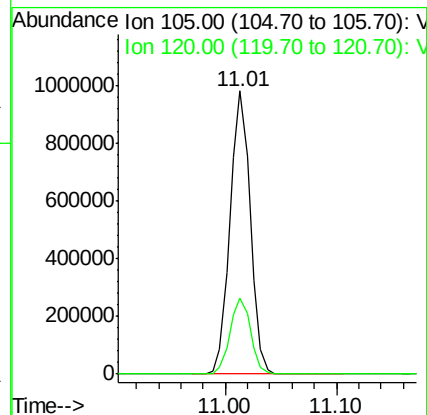
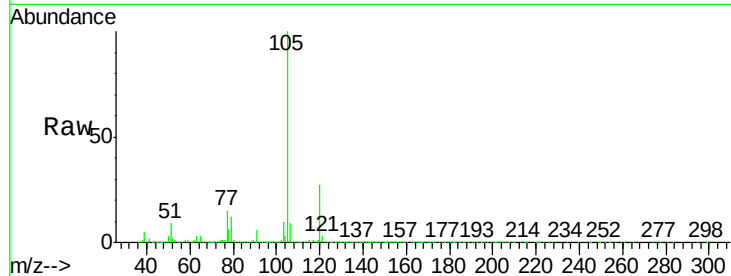
105 100

120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 51.226 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion: 43 Resp: 589599

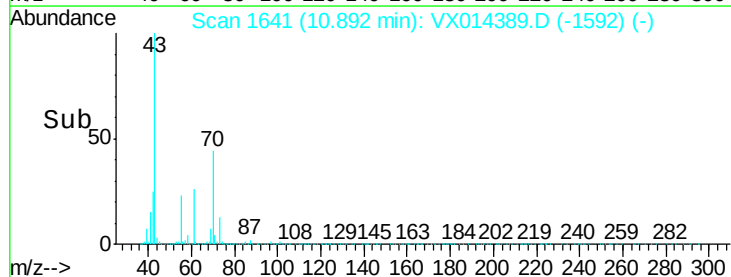
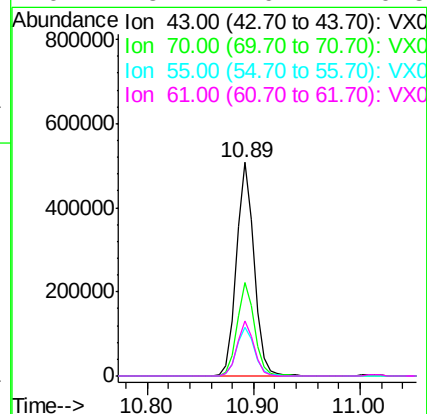
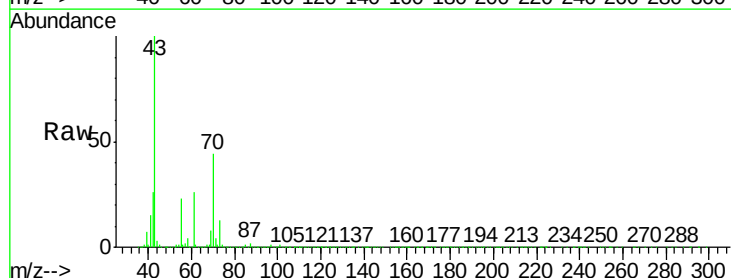
Ion Ratio Lower Upper

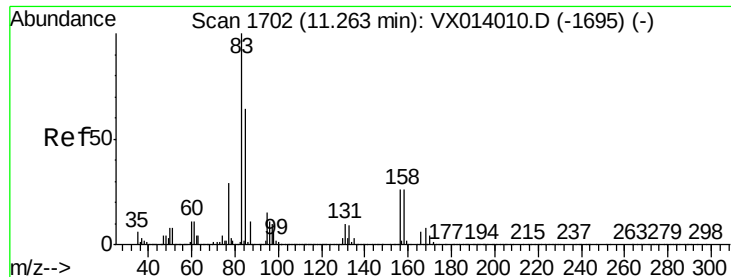
43 100

70 43.4 34.4 51.6

55 23.5 19.1 28.7

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.276 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

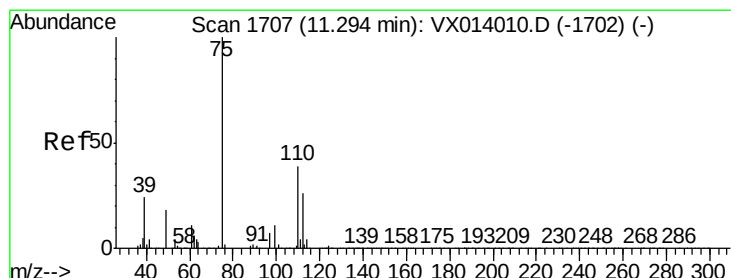
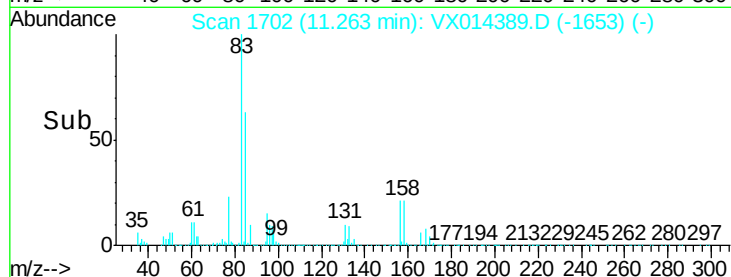
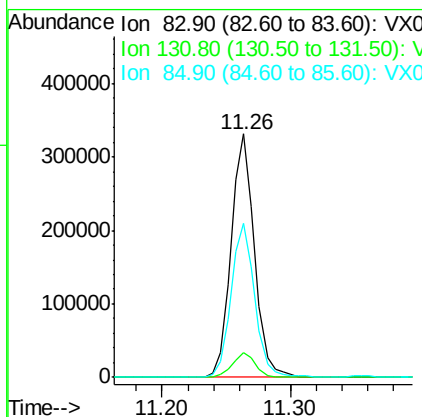
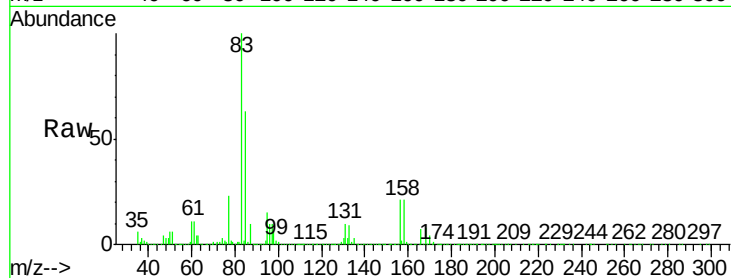
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	419479
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	64.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 45.714 ug/l m

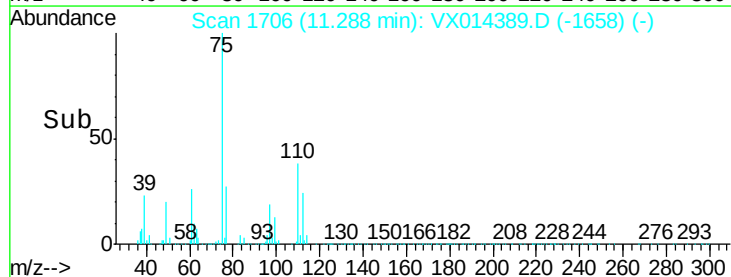
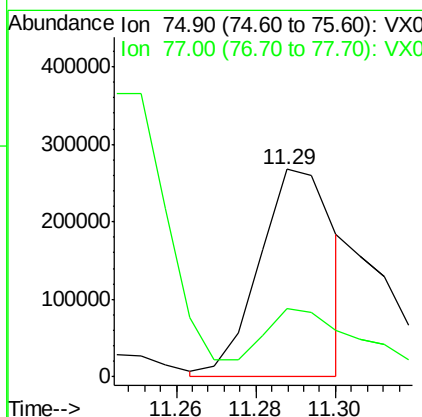
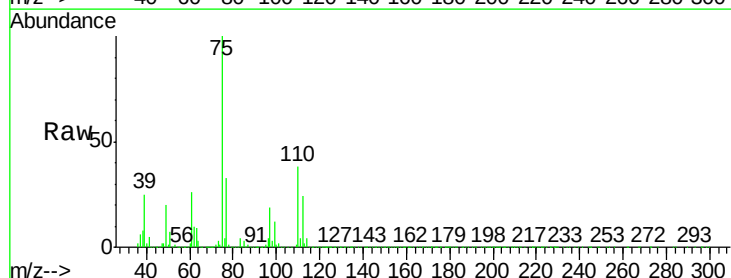
RT: 11.29 min Scan# 1706

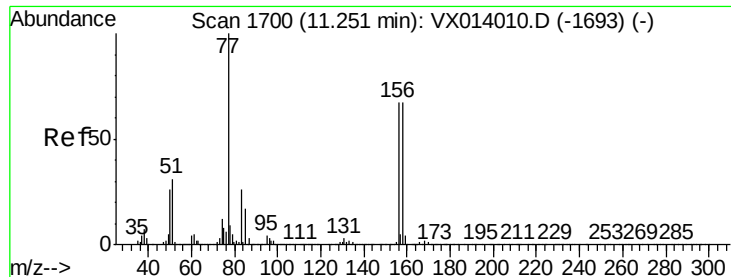
Delta R.T. -0.01 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	75	Resp:	346115
Ion Ratio	Lower	Upper	
75	100		
77	43.0	19.3	57.8





#77

Bromobenzene

Concen: 47.992 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

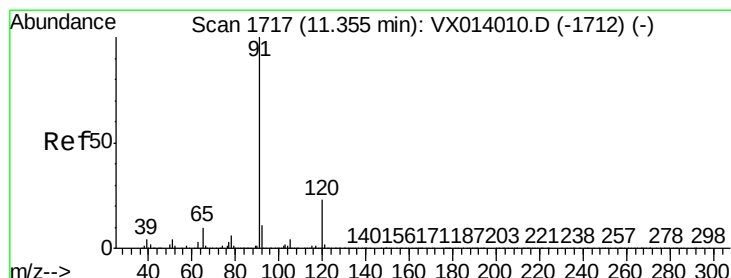
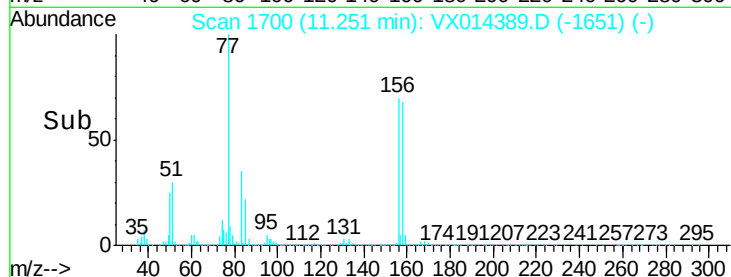
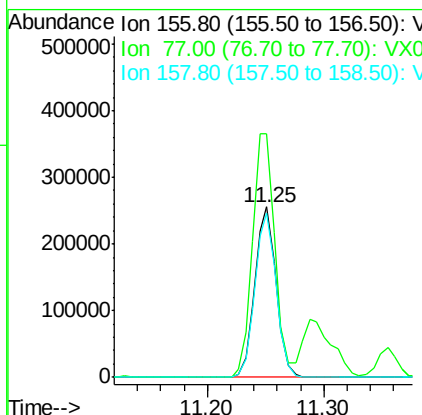
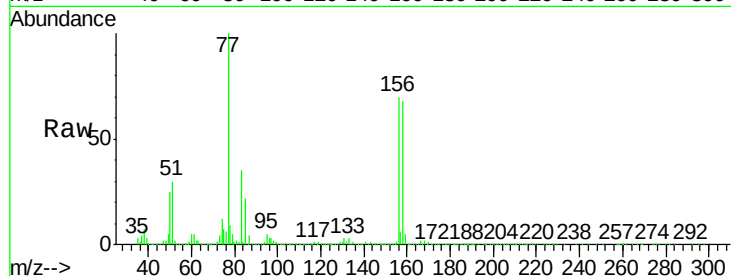
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	324228
Ion Ratio	Lower	Upper	
156	100		
77	152.2	76.5	229.5
158	96.4	49.3	147.9

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#78

n-propylbenzene

Concen: 50.347 ug/l

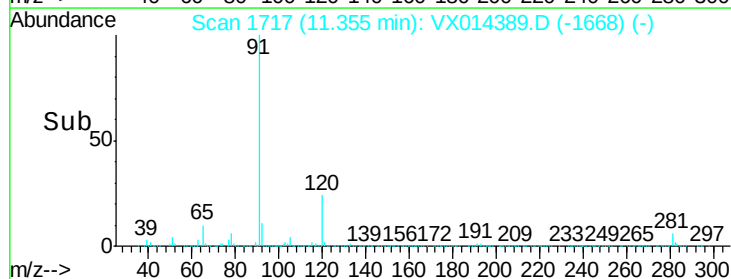
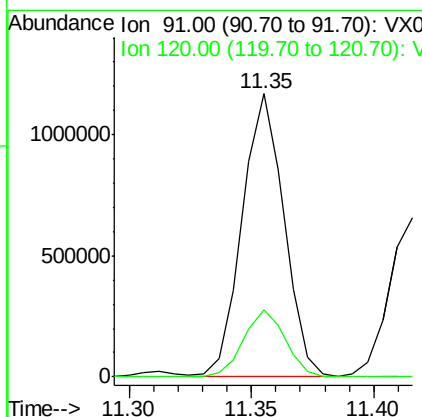
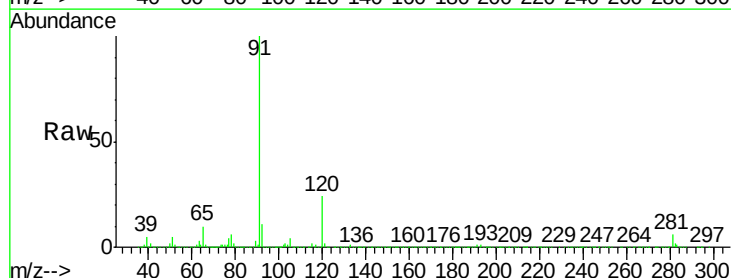
RT: 11.35 min Scan# 1717

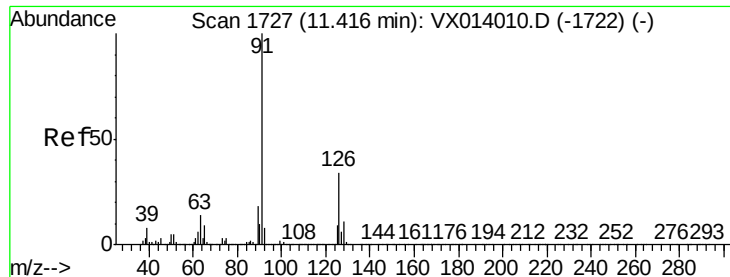
Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	91	Resp:	1386672
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





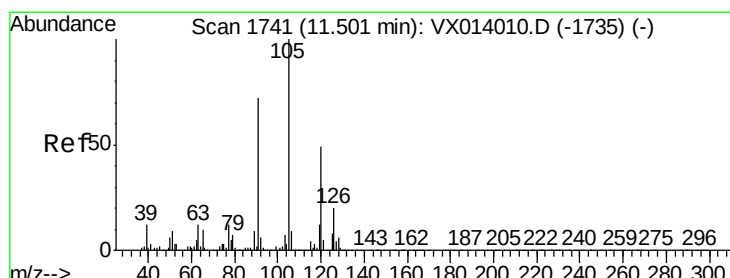
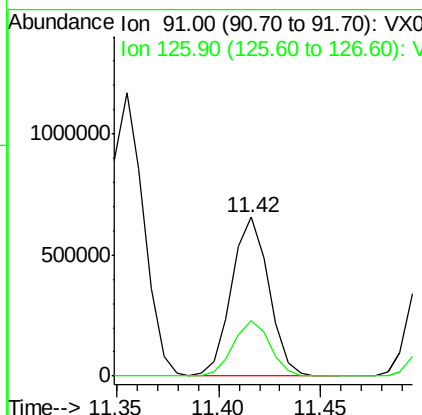
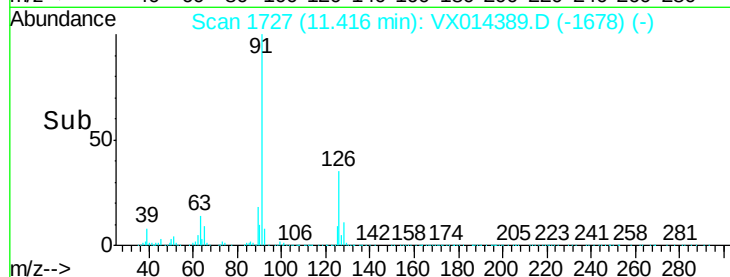
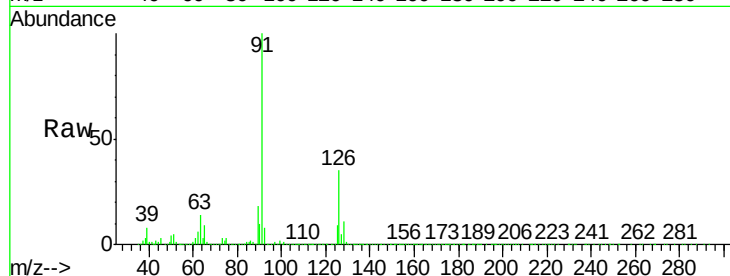
#79
2-Chlorotoluene
Concen: 49.126 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 822480
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

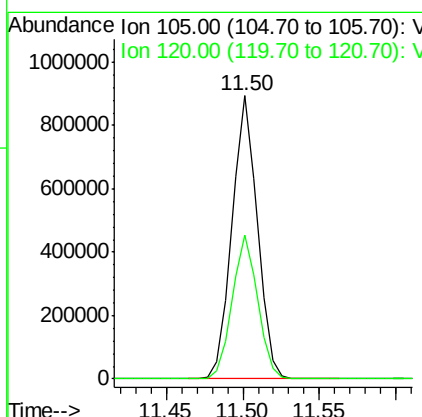
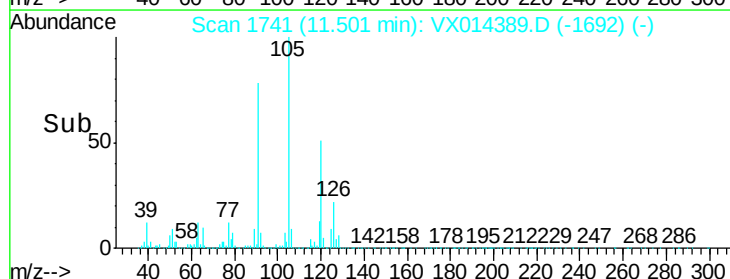
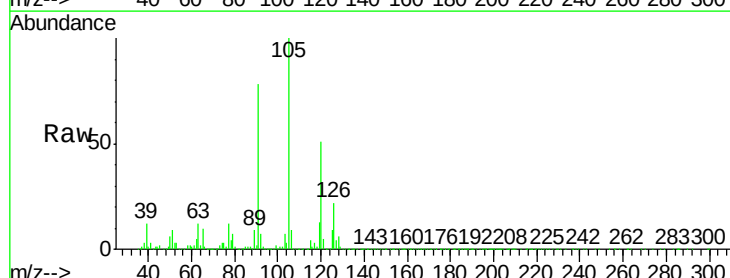
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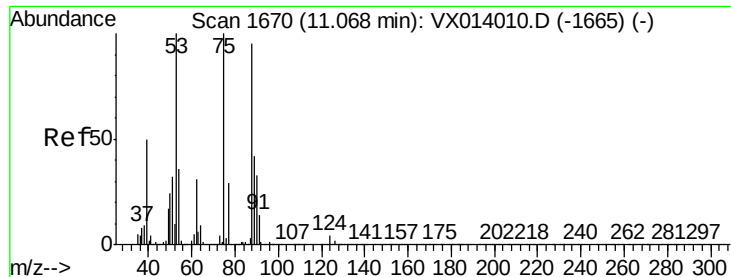
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 49.596 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion: 105 Resp: 1024920
Ion Ratio Lower Upper
105 100
120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.339 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

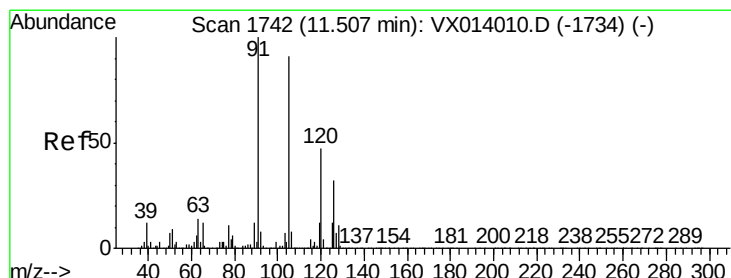
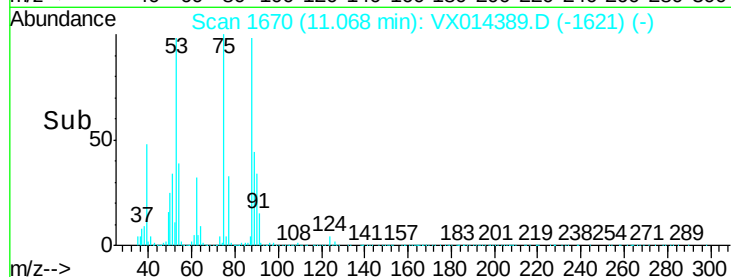
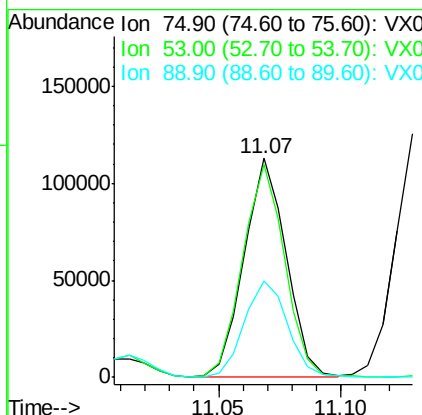
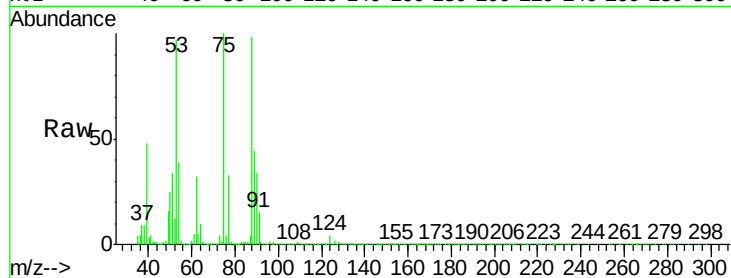
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	135033
Ion Ratio	Lower	Upper	
75	100		
53	96.8	76.7	115.1
89	45.0	34.6	51.8

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#82

4-Chlorotoluene

Concen: 48.935 ug/l

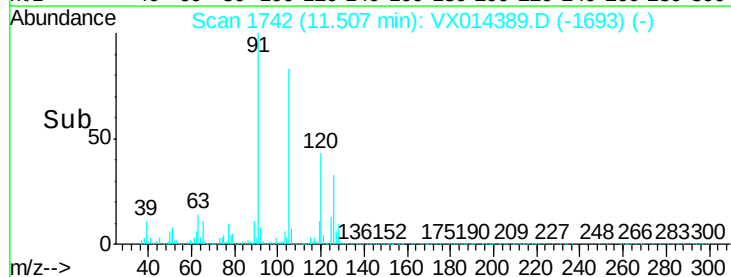
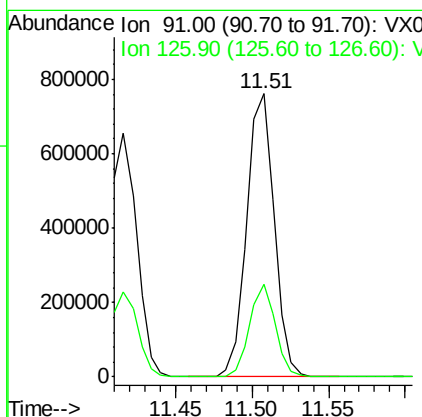
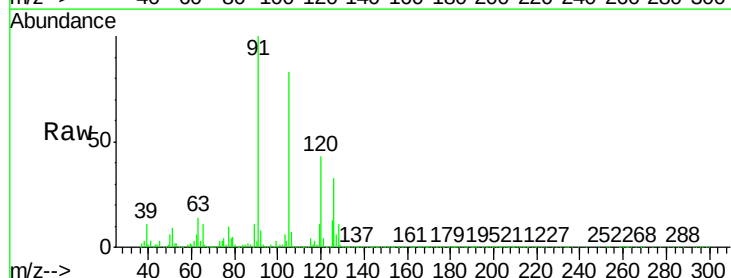
RT: 11.51 min Scan# 1742

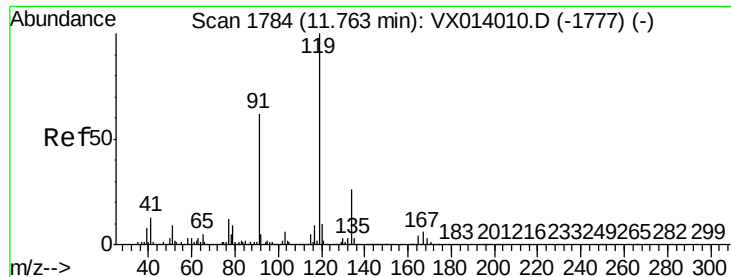
Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Tgt Ion:	91	Resp:	950351
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.6	46.8





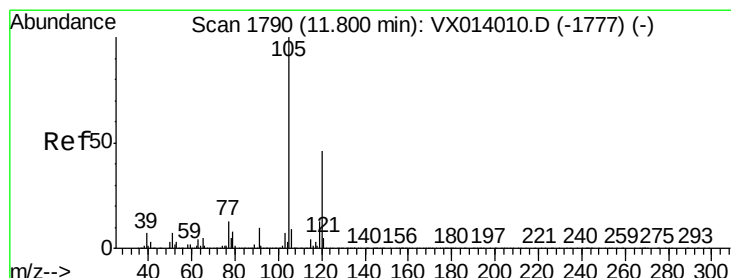
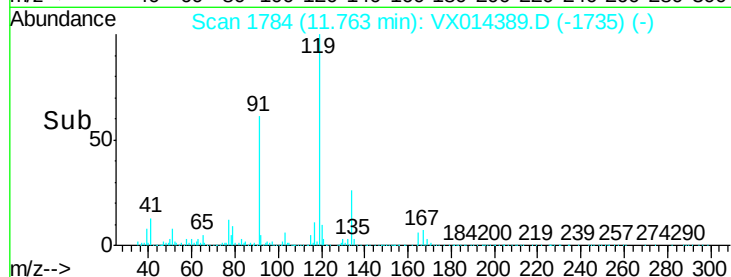
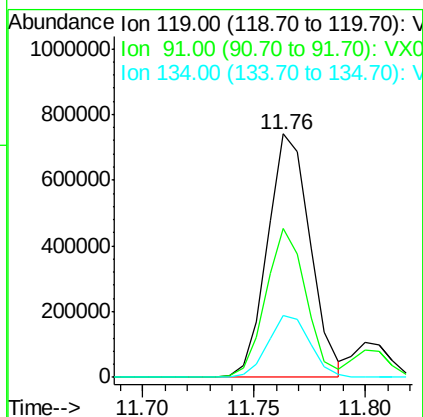
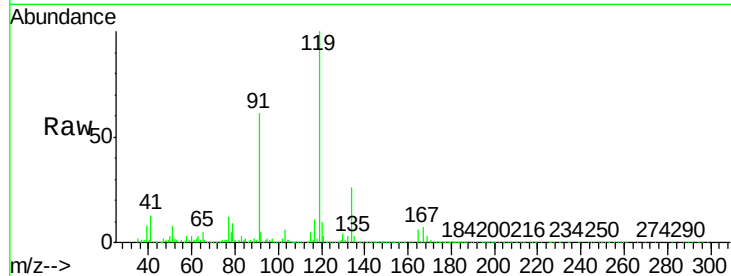
#83
 tert-Butylbenzene
 Concen: 48.941 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	28.5	85.6
134	24.9	12.2	36.6

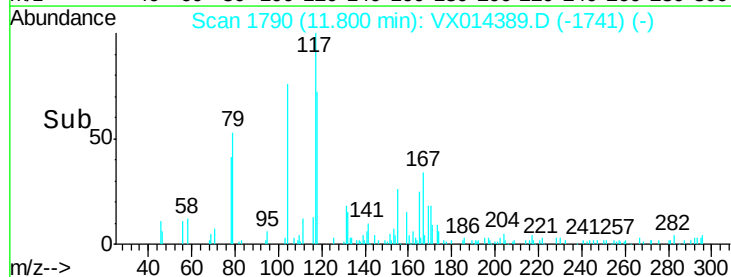
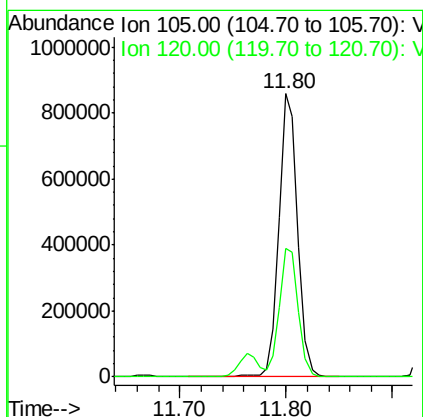
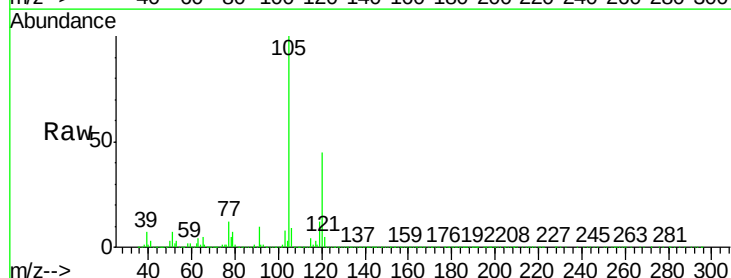
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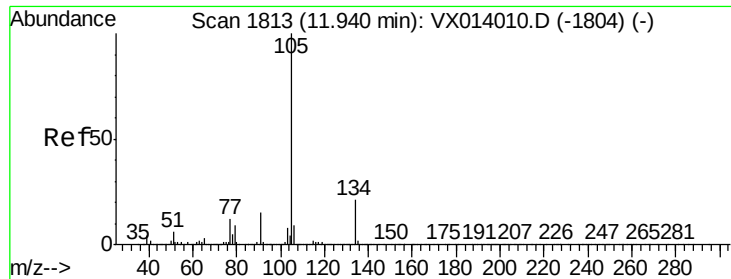
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.318 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.233 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1192590

Ion Ratio Lower Upper

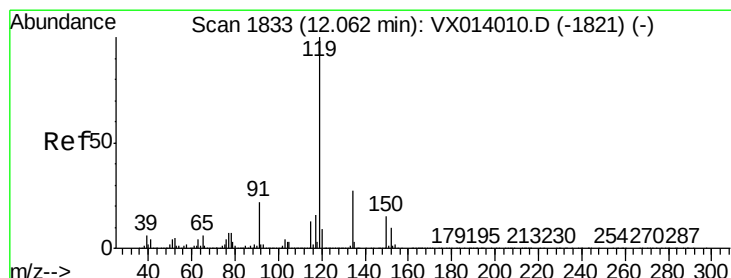
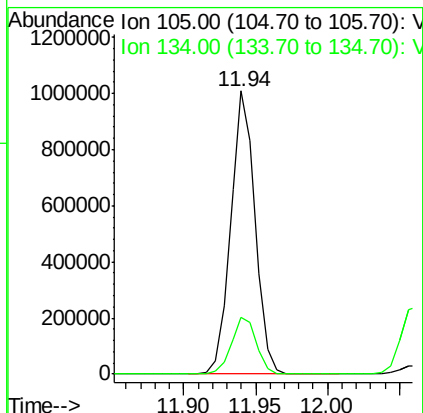
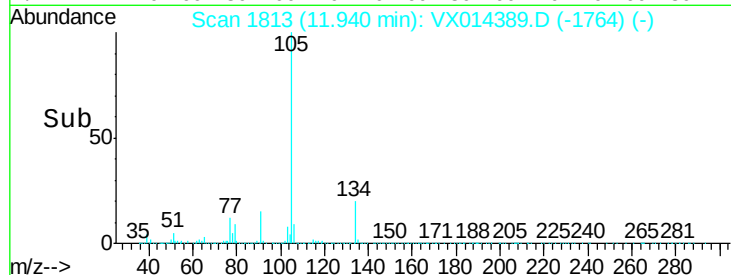
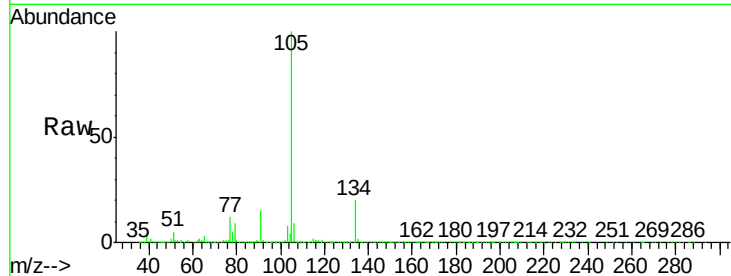
105 100

134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.971 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014389.D

Acq: 31 Dec 2019 18:46

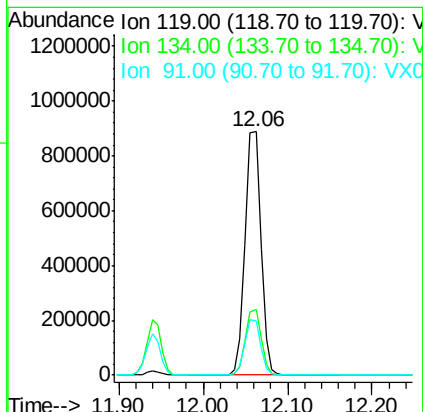
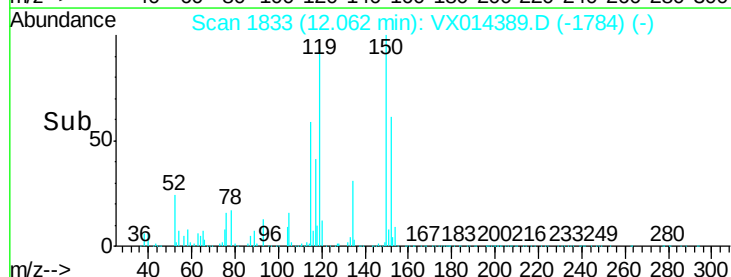
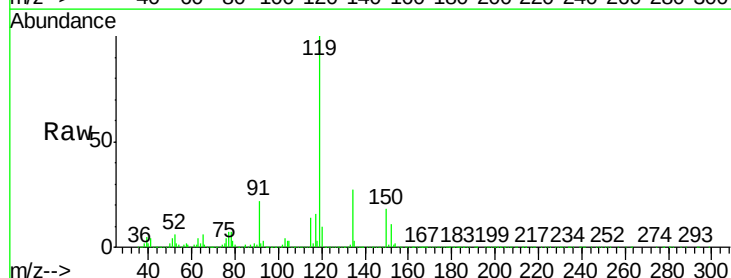
Tgt Ion:119 Resp: 1106939

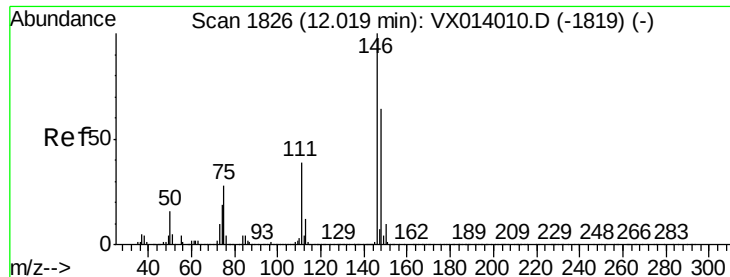
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.5 11.4 34.1





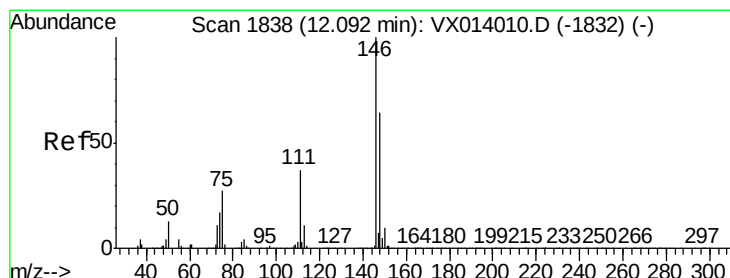
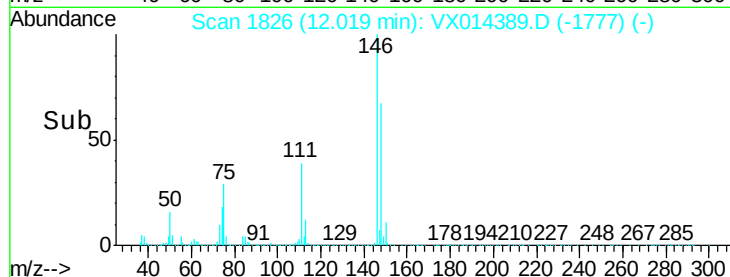
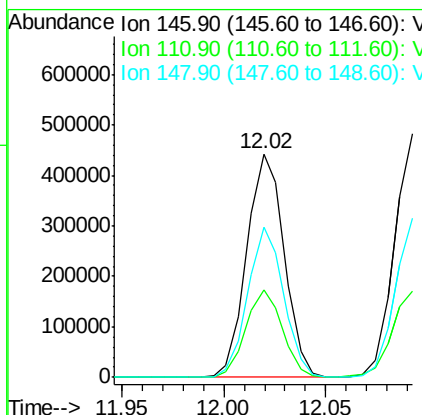
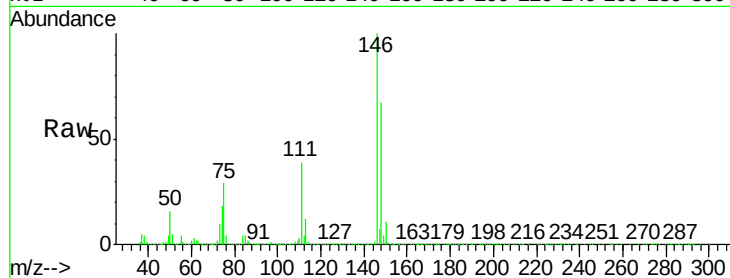
#87
 1,3-Dichlorobenzene
 Concen: 47.811 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.6	32.3	96.9

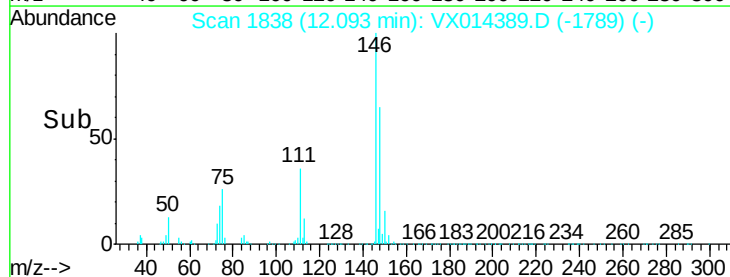
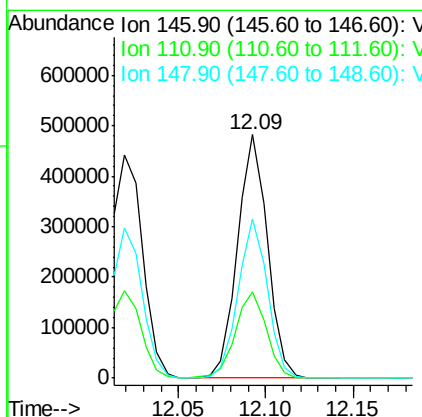
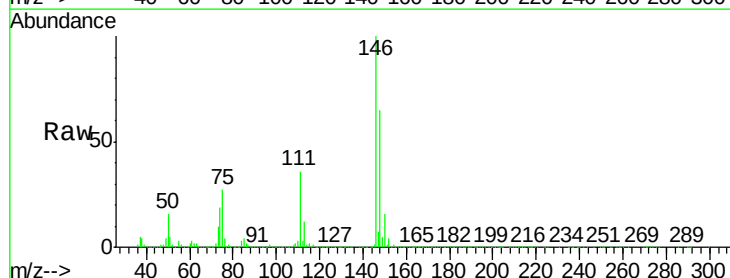
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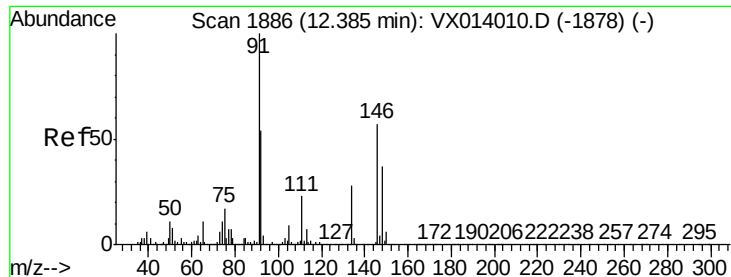
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#88
 1,4-Dichlorobenzene
 Concen: 47.326 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	64.4	31.9	95.9





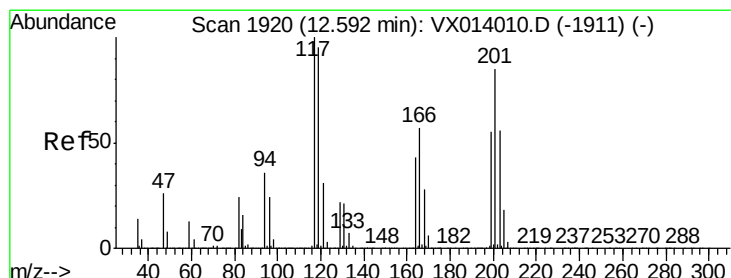
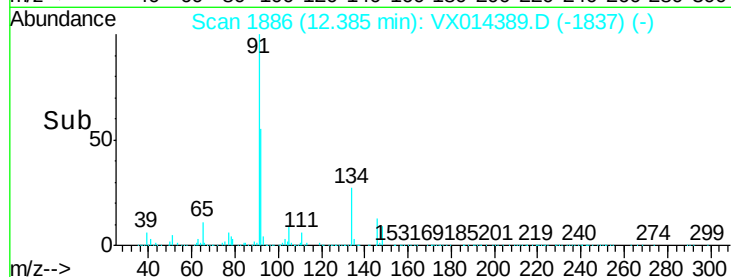
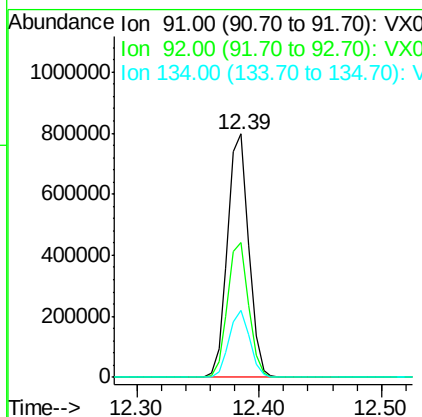
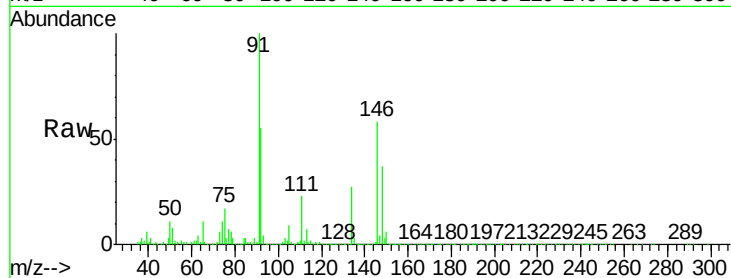
#89
n-Butylbenzene
Concen: 51.348 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	951511		
92	55.2	27.2	81.6	
134	26.8	13.4	40.1	

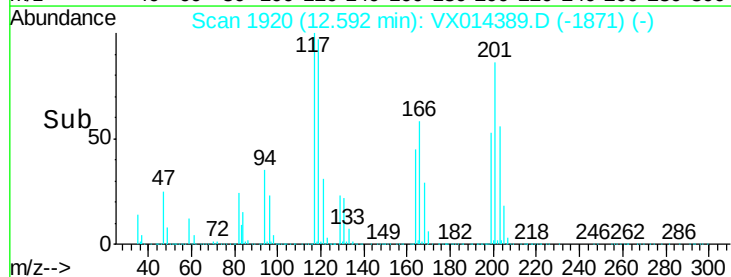
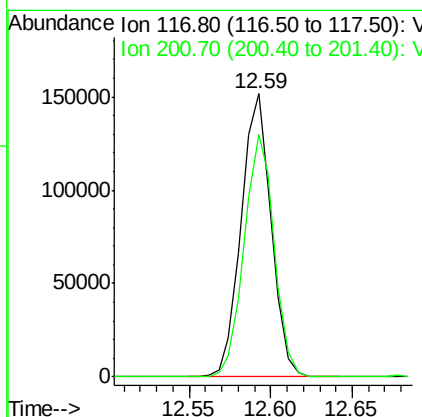
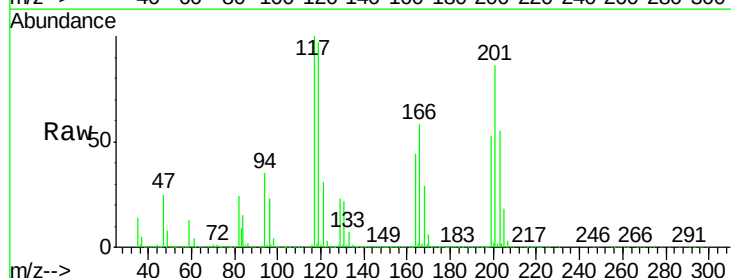
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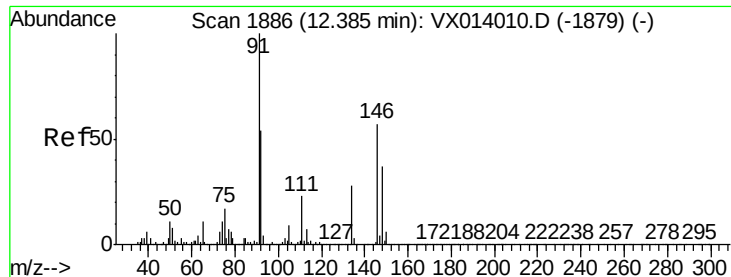
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#90
Hexachloroethane
Concen: 49.454 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	192906		
201	86.4	43.1	129.3	





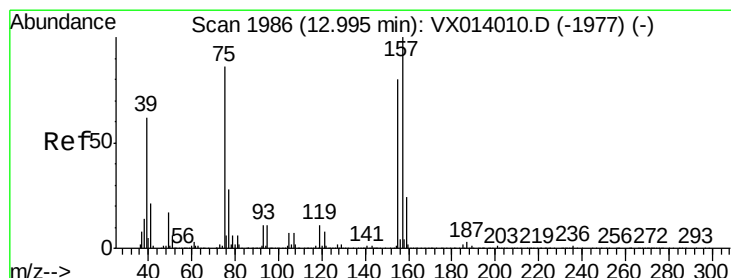
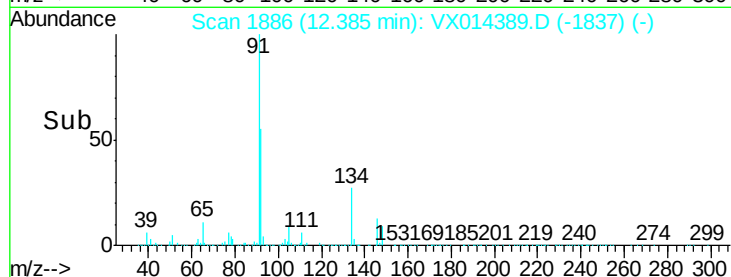
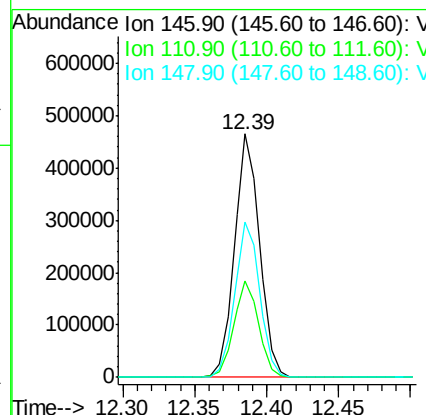
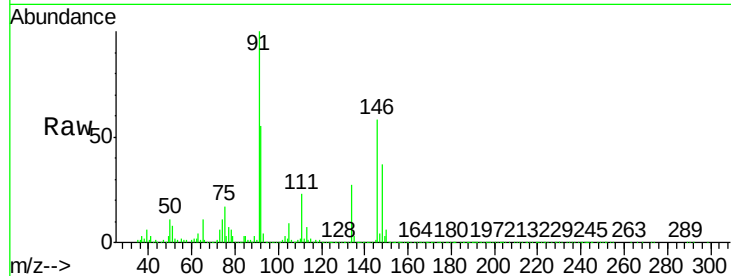
#91
 1,2-Dichlorobenzene
 Concen: 47.677 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	63.9	32.1	96.5

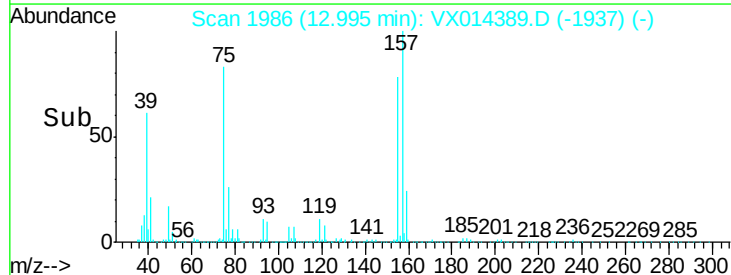
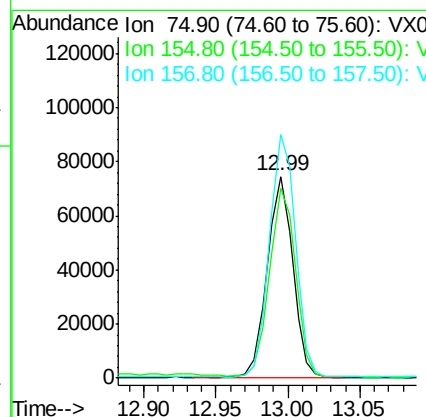
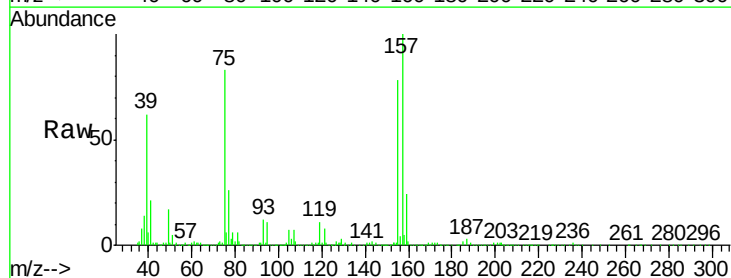
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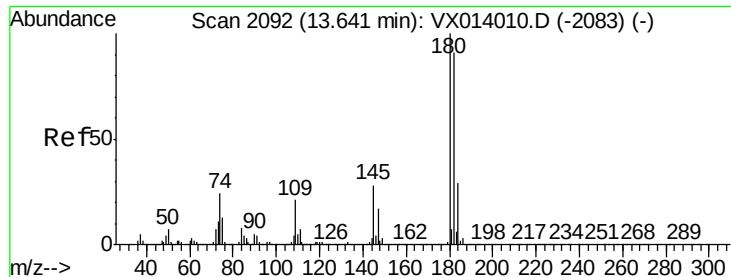
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.604 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.9	140.6
157	122.9	60.8	182.4





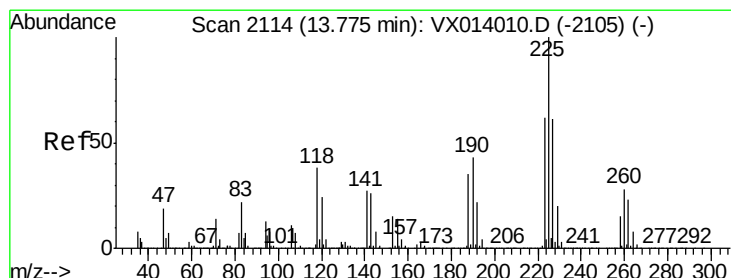
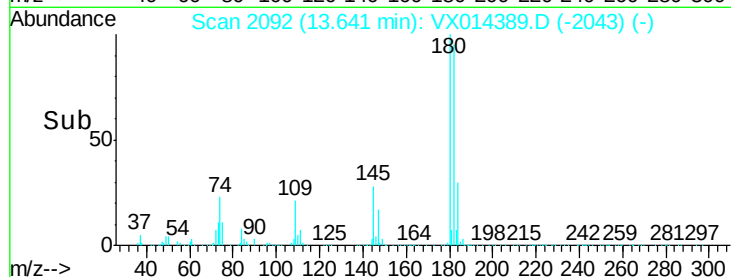
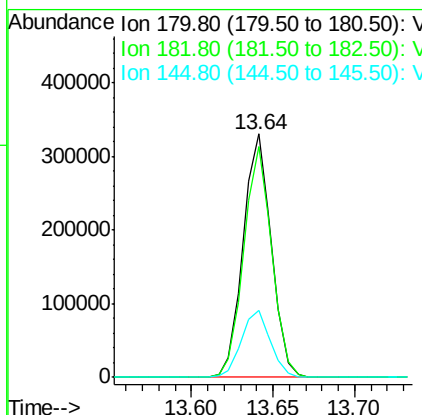
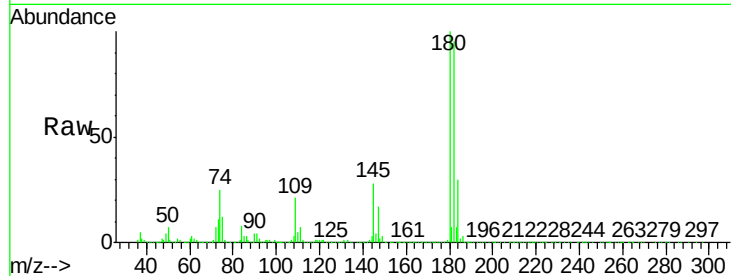
#93
 1,2,4-Trichlorobenzene
 Concen: 51.338 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	397717		
182	94.4	46.6	139.8	
145	28.1	14.2	42.6	

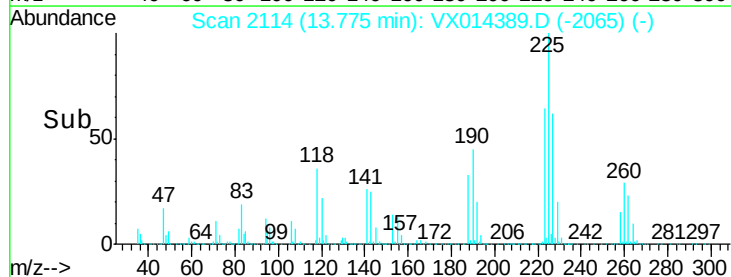
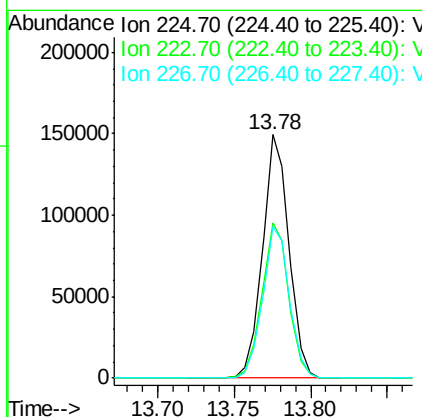
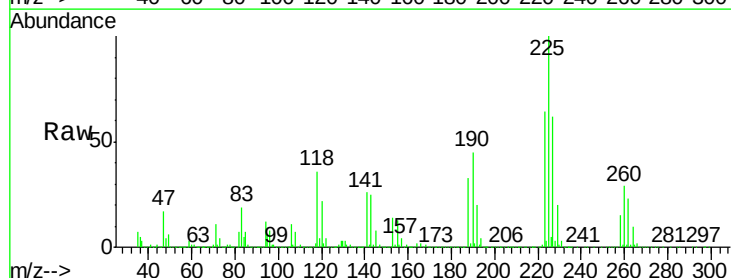
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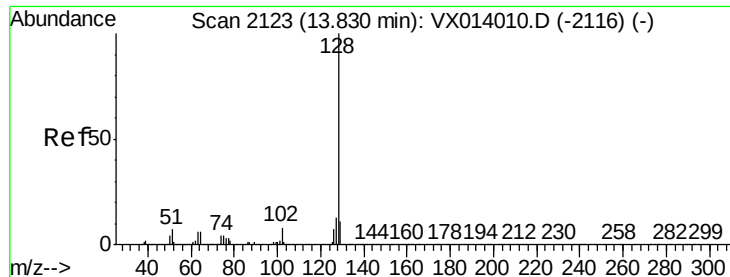
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#94
 Hexachlorobutadiene
 Concen: 48.482 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014389.D
 Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	180509		
223	64.1	30.9	92.5	
227	62.9	30.9	92.7	





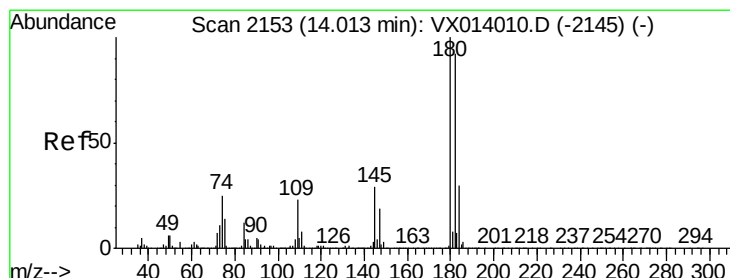
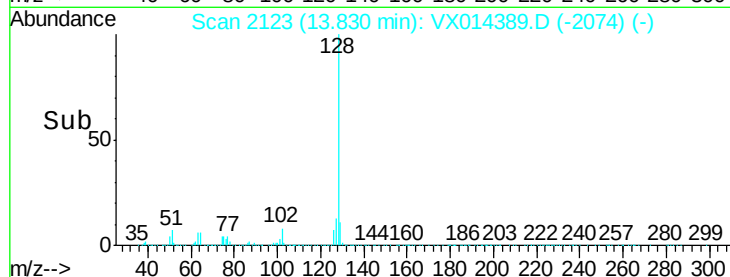
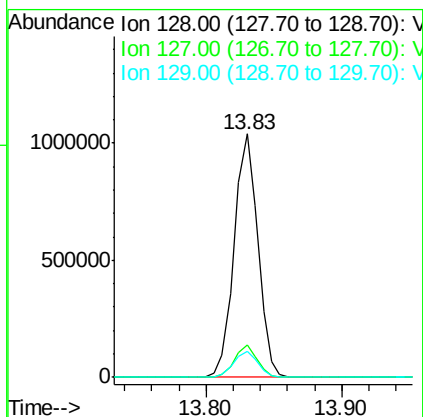
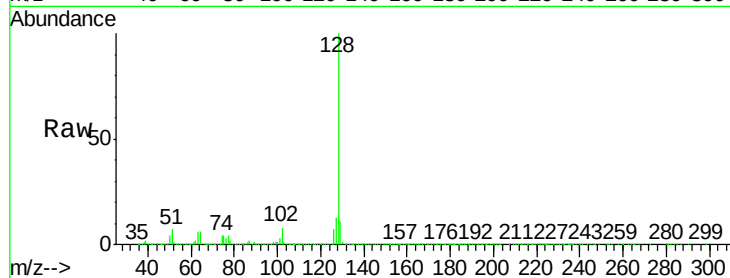
#95
Naphthalene
Concen: 55.263 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.157 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014389.D
Acq: 31 Dec 2019 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.8	140.3
145	29.4	14.8	44.4

