

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014341.D
 Acq On : 28 Dec 2019 04:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/30/2019 11:05:06 AM

Quant Time: Dec 30 07:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	721016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320918	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	269214	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
35) Dibromofluoromethane	5.49	113	220892	50.40	ug/l	0.00
Spiked Amount						
			Recovery	=	100.80%	
50) Toluene-d8	8.71	98	863872	50.63	ug/l	0.00
Spiked Amount						
			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	309151	49.56	ug/l	0.00
Spiked Amount						
			Recovery	=	99.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	173063	41.548	ug/l	98
3) Chloromethane	1.32	50	256402	45.868	ug/l	99
4) Vinyl Chloride	1.40	62	272851	46.258	ug/l	98
5) Bromomethane	1.63	94	181848	43.438	ug/l	99
6) Chloroethane	1.72	64	175817	48.296	ug/l	93
7) Trichlorofluoromethane	1.92	101	349011	47.799	ug/l	97
8) Diethyl Ether	2.18	74	167142	48.774	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210171	47.750	ug/l	99
10) Methyl Iodide	2.50	142	272954	47.181	ug/l	99
11) Tert butyl alcohol	3.03	59	264347	231.840	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212968	47.551	ug/l	97
13) Acrolein	2.28	56	164957	252.732	ug/l	99
14) Allyl chloride	2.72	41	388420	48.573	ug/l	98
15) Acrylonitrile	3.13	53	700315	263.144	ug/l	99
16) Acetone	2.43	43	690908	201.676	ug/l	99
17) Carbon Disulfide	2.56	76	523521	42.223	ug/l	99
18) Methyl Acetate	2.76	43	393829	58.015	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	757813	51.491	ug/l	100
20) Methylene Chloride	2.85	84	256050	47.463	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	231575	46.933	ug/l	97
22) Diisopropyl ether	3.84	45	834224	52.351	ug/l	91
23) Vinyl Acetate	3.80	43	1889700	145.315	ug/l	100
24) 1,1-Dichloroethane	3.69	63	444608	50.149	ug/l	100
25) 2-Butanone	4.66	43	1017702	240.953	ug/l	99
26) 2,2-Dichloropropane	4.58	77	252226	36.642	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	273990	49.099	ug/l	98
28) Bromochloromethane	5.01	49	186930	54.780	ug/l	97
29) Tetrahydrofuran	5.11	42	624371	264.296	ug/l	99
30) Chloroform	5.20	83	429946	51.156	ug/l	99
31) Cyclohexane	5.58	56	379006	48.065	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	354409	49.478	ug/l	99
36) 1,1-Dichloropropene	5.79	75	318090	48.081	ug/l	99
37) Ethyl Acetate	4.82	43	372331	50.965	ug/l	99
38) Carbon Tetrachloride	5.78	117	295676	49.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373170	45.682	ug/l	96
40) Benzene	6.14	78	1003850	49.315	ug/l	99
41) Methacrylonitrile	5.03	41	212700	52.473	ug/l	97
42) 1,2-Dichloroethane	6.18	62	344751	49.963	ug/l	98
43) Isopropyl Acetate	6.43	43	619389	51.230	ug/l	99
44) Trichloroethene	7.21	130	296093	52.663	ug/l	99
45) 1,2-Dichloropropane	7.51	63	268910	51.541	ug/l	97
46) Dibromomethane	7.65	93	167141	48.454	ug/l	100
47) Bromodichloromethane	7.89	83	336362	51.775	ug/l	98
48) Methyl methacrylate	7.76	41	299978	50.669	ug/l	99
49) 1,4-Dioxane	7.73	88	109873	911.953	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1949261	256.717	ug/l	100
52) Toluene	8.78	92	625315	48.601	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	352764	49.521	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389844	49.123	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260913	50.597	ug/l	99
56) Ethyl methacrylate	9.17	69	416300	51.393	ug/l	99
57) 1,3-Dichloropropane	9.37	76	439458	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	818567	267.031	ug/l	100
59) 2-Hexanone	9.48	43	1502480	245.808	ug/l	99
60) Dibromochloromethane	9.57	129	270535	52.779	ug/l	100
61) 1,2-Dibromoethane	9.67	107	267891	50.774	ug/l	99
64) Tetrachloroethene	9.33	164	400368	68.751	ug/l	95
65) Chlorobenzene	10.14	112	677364	48.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	251789	50.395	ug/l	99
67) Ethyl Benzene	10.25	91	1187621	49.366	ug/l	100
68) m/p-Xylenes	10.35	106	901422	97.422	ug/l	99
69) o-Xylene	10.70	106	446621	49.216	ug/l	100
70) Styrene	10.71	104	759792	49.514	ug/l	99
71) Bromoform	10.85	173	205064	51.059	ug/l	99
73) Isopropylbenzene	11.01	105	1166558	51.629	ug/l	100
74) N-amyl acetate	10.89	43	542781	51.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342968	43.782	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	319272m	45.826	ug/l	
77) Bromobenzene	11.25	156	302566	48.670	ug/l	99
78) n-propylbenzene	11.35	91	1310133	51.693	ug/l	99
79) 2-Chlorotoluene	11.42	91	781864	50.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	981861	51.633	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116176	47.066	ug/l	97
82) 4-Chlorotoluene	11.51	91	900094	50.367	ug/l	99
83) tert-Butylbenzene	11.76	119	825655	44.616	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	971015	50.989	ug/l	100
85) sec-Butylbenzene	11.94	105	1128025	51.634	ug/l	100
86) p-Isopropyltoluene	12.06	119	1020789	51.081	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	530368	48.678	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	524733	47.365	ug/l	100
89) n-Butylbenzene	12.38	91	874024	51.258	ug/l	100
90) Hexachloroethane	12.59	117	178134	49.627	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	532462	48.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80429	46.397	ug/l	98

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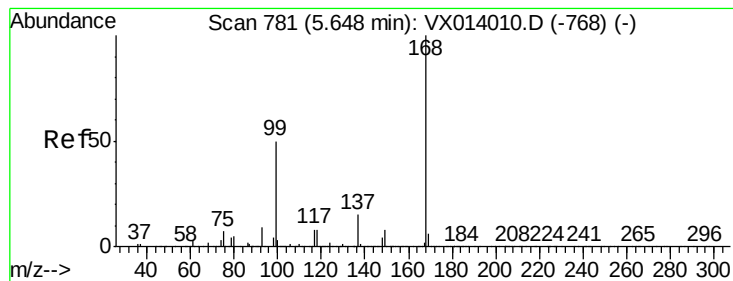
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	354305	49.701	ug/l	99
94) Hexachlorobutadiene	13.77	225	165309	48.250	ug/l	97
95) Naphthalene	13.83	128	1102718	52.649	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360603	51.243	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 465596

Ion Ratio Lower Upper

168 100

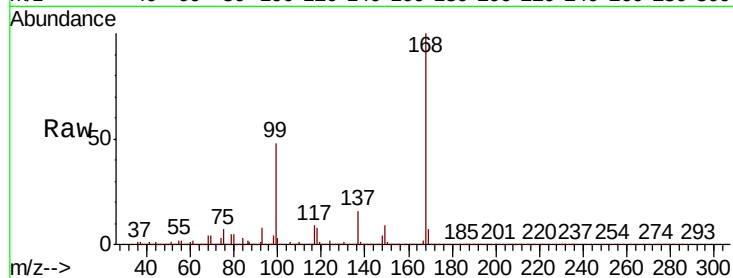
99 47.7 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

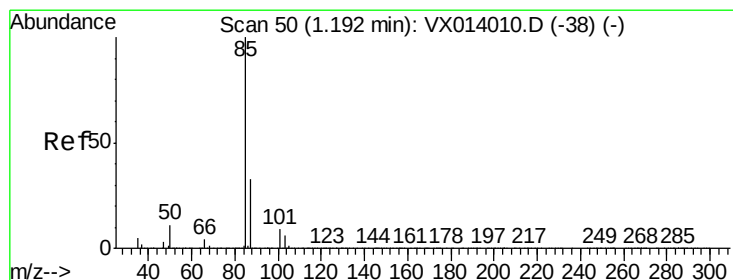
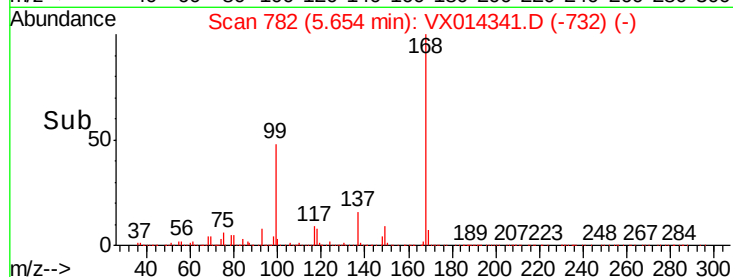
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.548 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014341.D

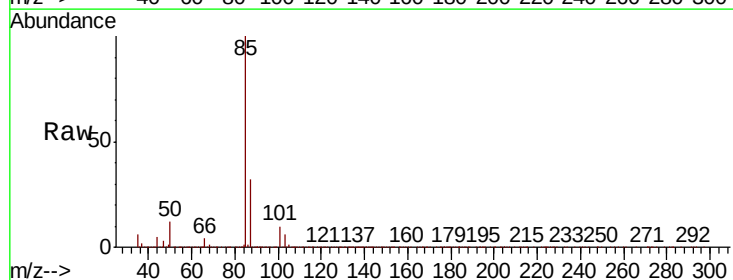
Acq: 28 Dec 2019 04:56

Tgt Ion: 85 Resp: 173063

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

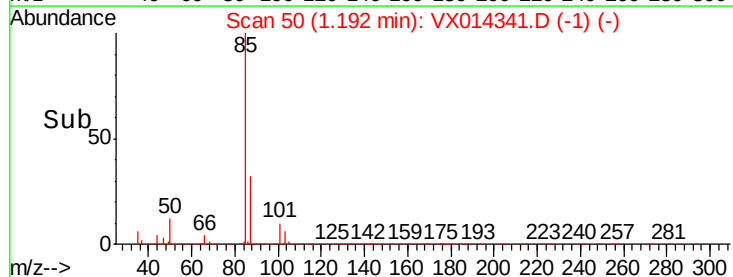
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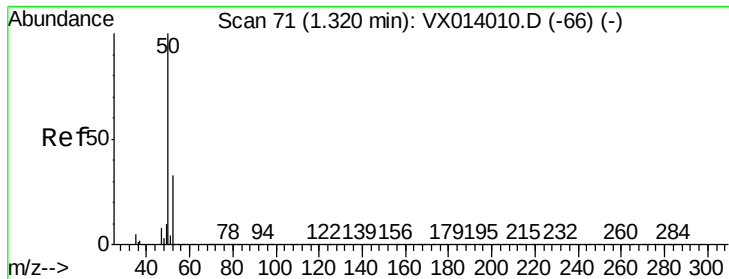
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.868 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 256402

Ion Ratio Lower Upper

50 100

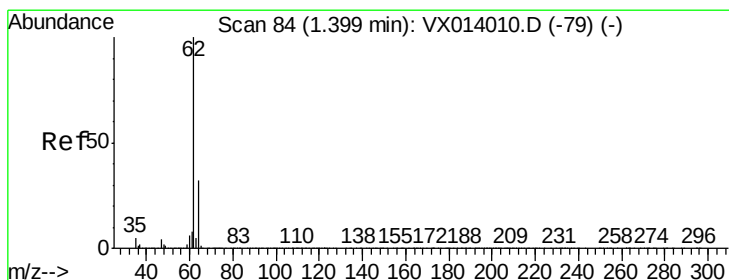
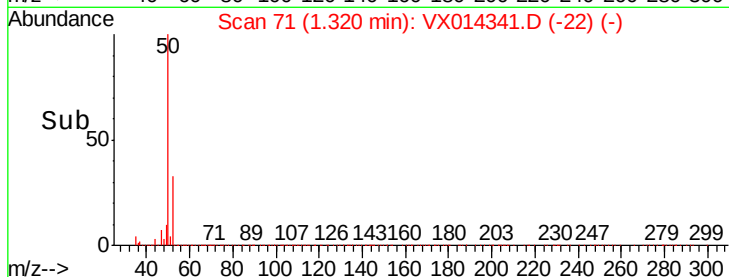
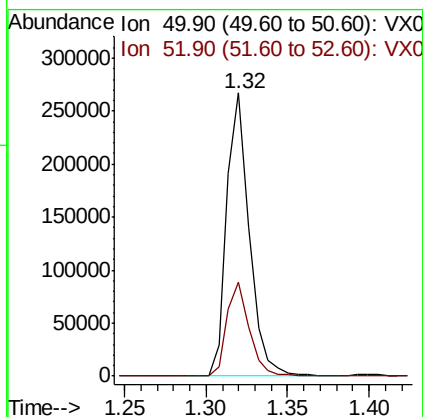
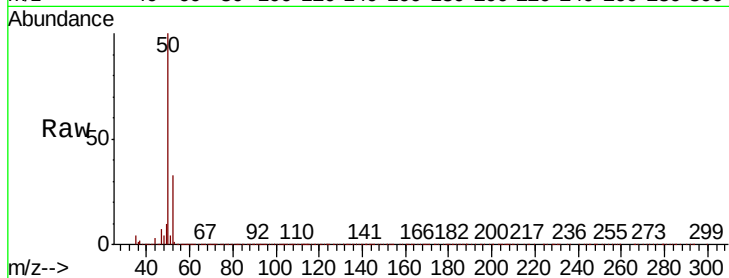
52 33.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 46.258 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014341.D

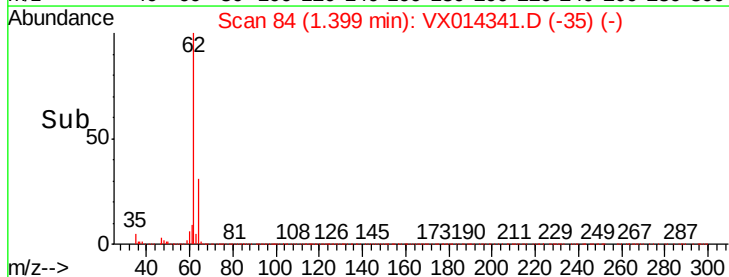
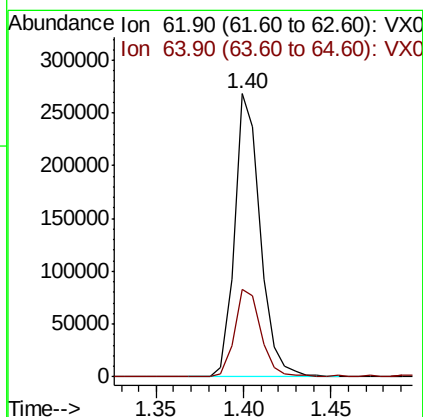
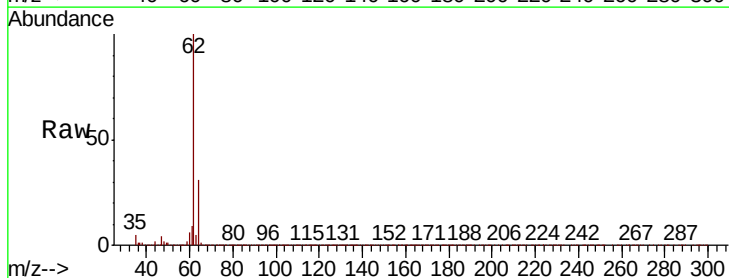
Acq: 28 Dec 2019 04:56

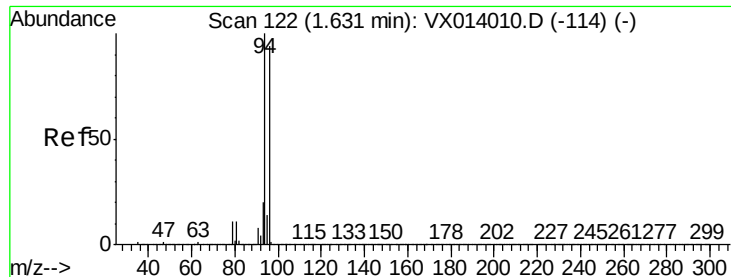
Tgt Ion: 62 Resp: 272851

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 43.438 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tot Ion: 94 Resp: 181848

Ion Ratio Lower Upper

94 100

96 93.2 75.2 112.8

Instrument :

MSVOA_X

ClientSampleId :

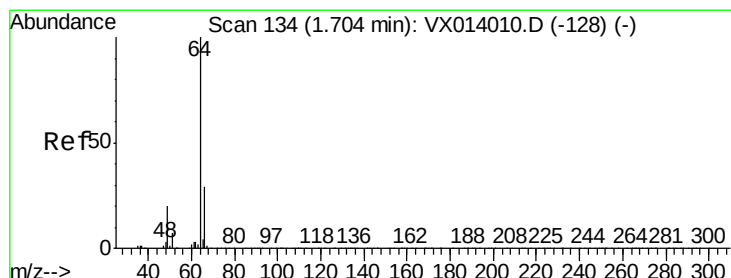
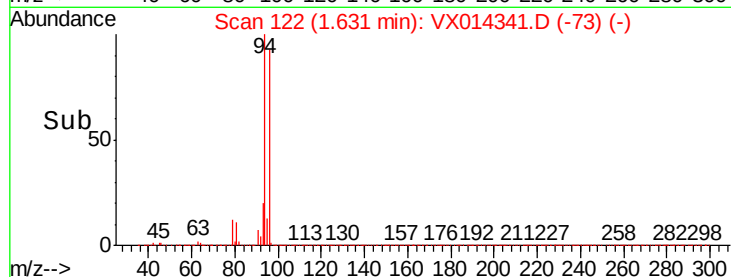
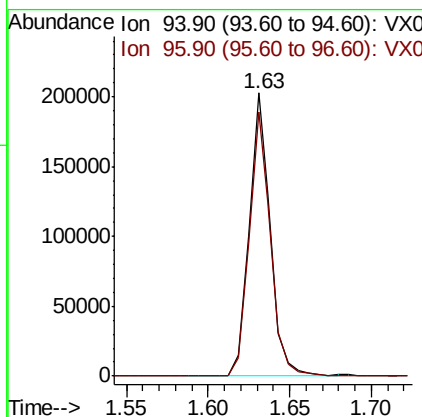
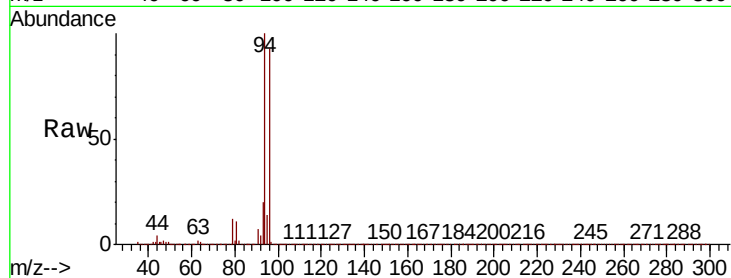
VSTDCCC050EC

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#6

Chloroethane

Concen: 48.296 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014341.D

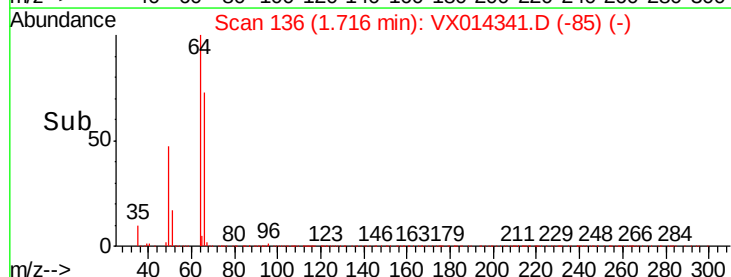
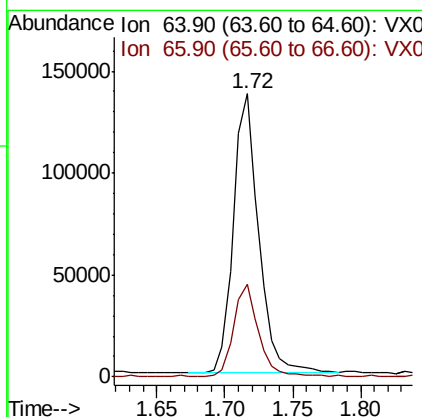
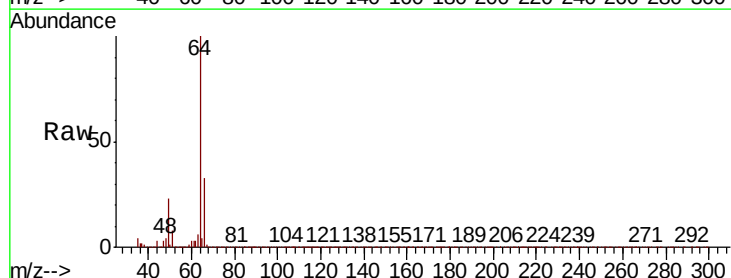
Acq: 28 Dec 2019 04:56

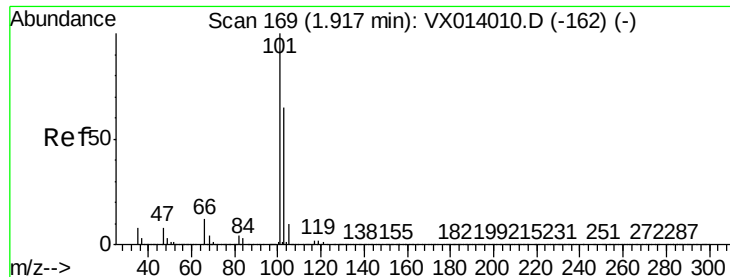
Tgt Ion: 64 Resp: 175817

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2





#7

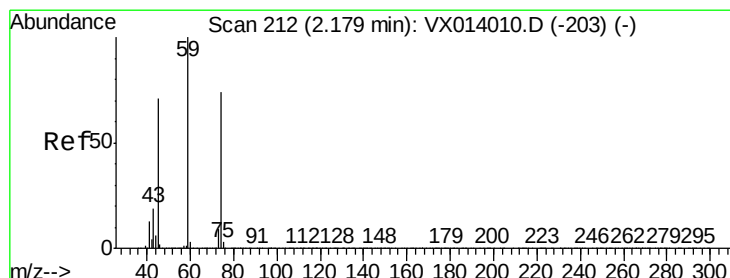
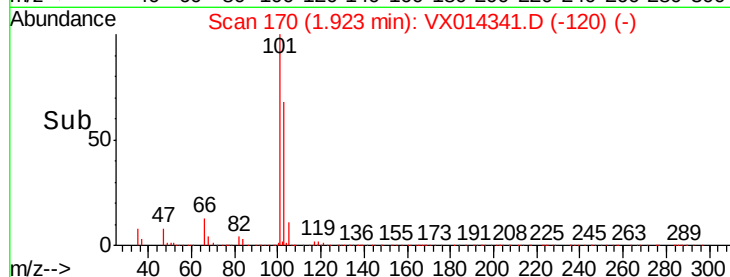
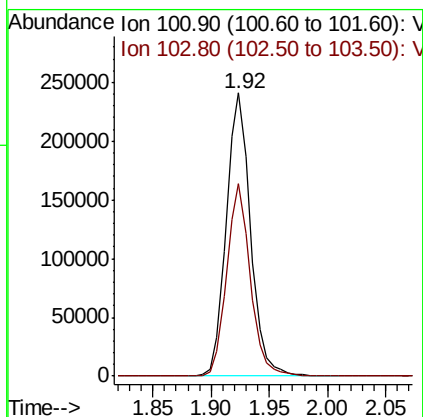
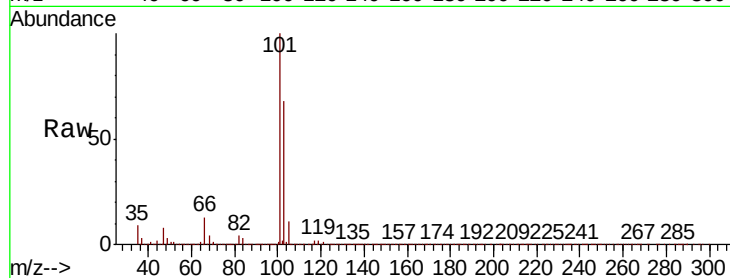
Trichlorofluoromethane
Concen: 47.799 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014341.D
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.2	78.4

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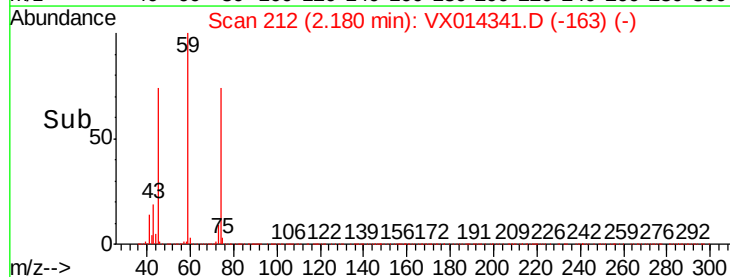
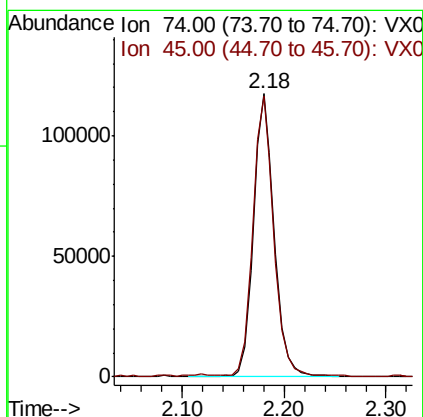
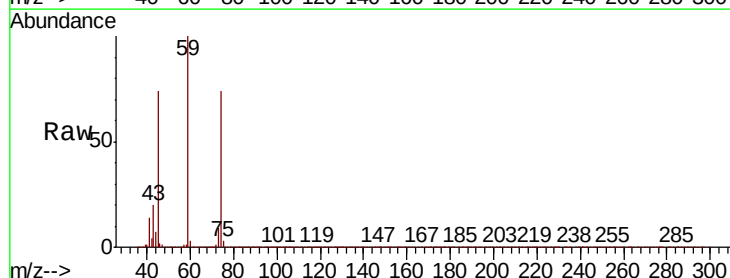
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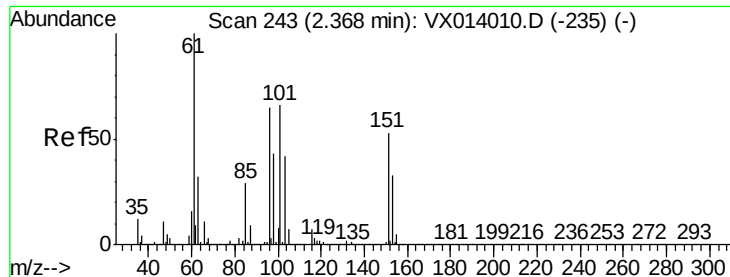


#8

Diethyl Ether
Concen: 48.774 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.750 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

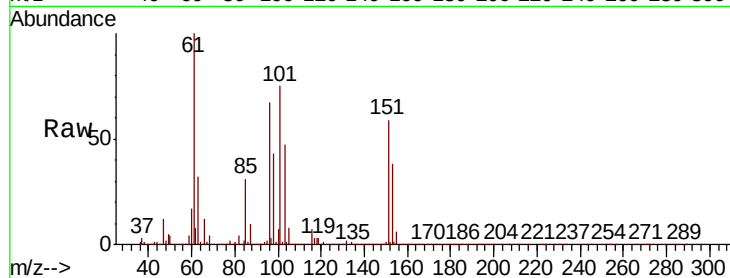
ClientSampleId :

VSTDCCC050EC

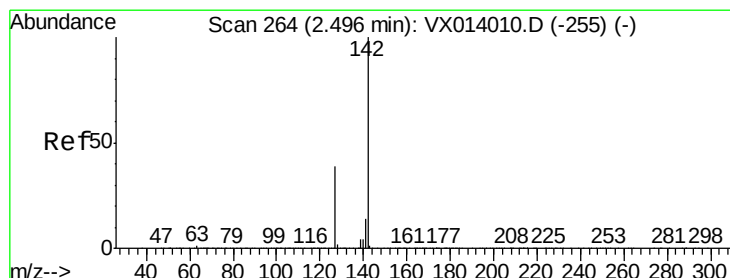
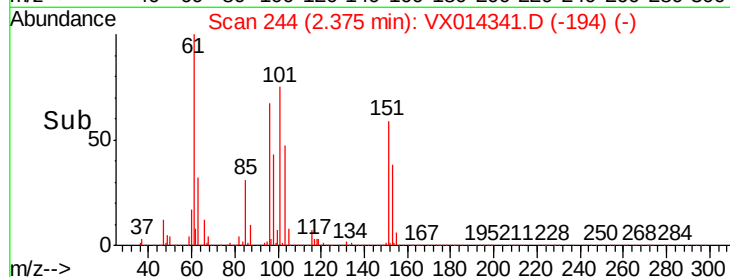
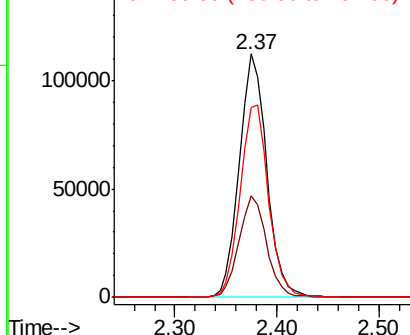
Tot Ion:	101	Resp:	210171
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.7	50.5
151	82.1	64.5	96.7

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Abundance Ion 100.90 (100.60 to 101.60): V
150000 Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.181 ug/l

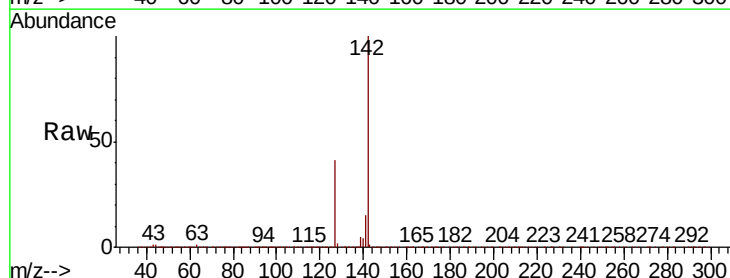
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

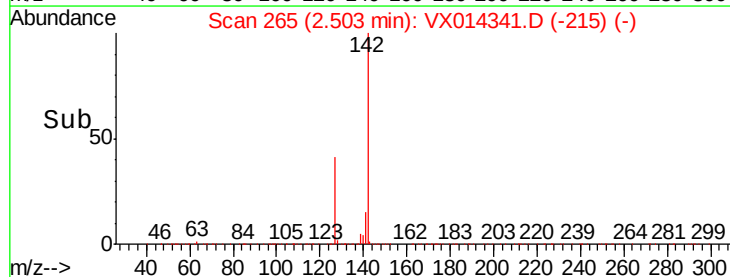
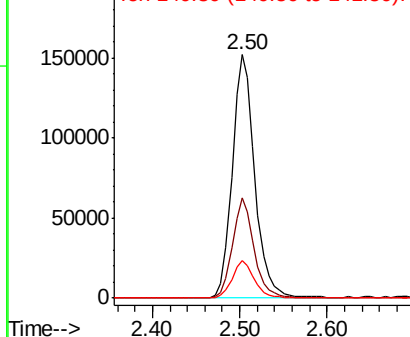
Lab File: VX014341.D

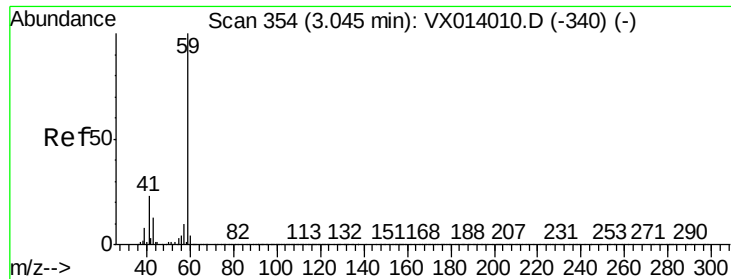
Acq: 28 Dec 2019 04:56

Tgt Ion:	142	Resp:	272954
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.6	47.4
141	14.7	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
200000 Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

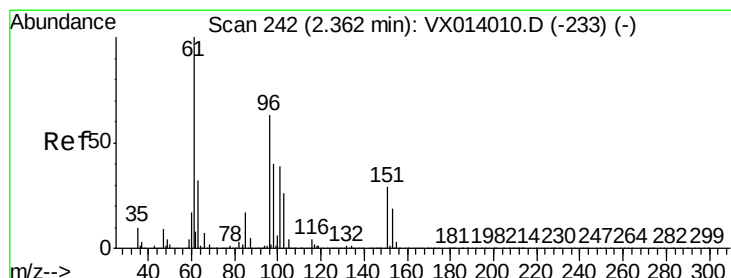
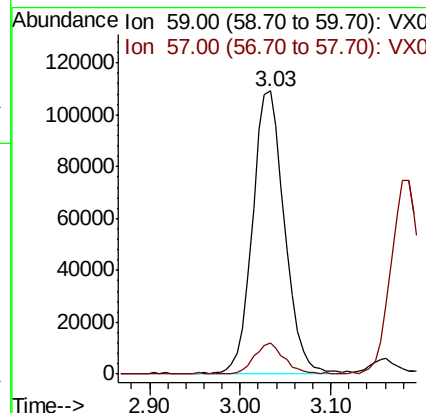
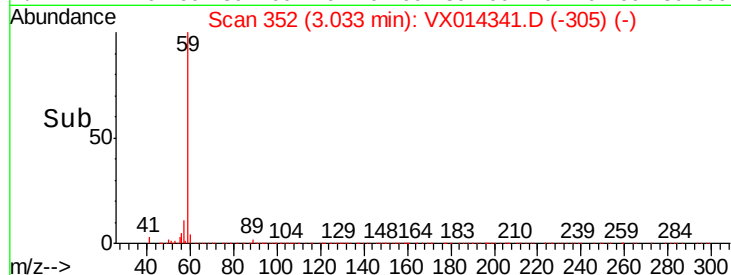
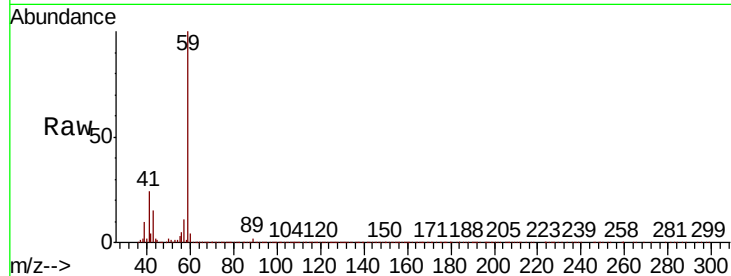
Tert butyl alcohol
Concen: 231.840 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

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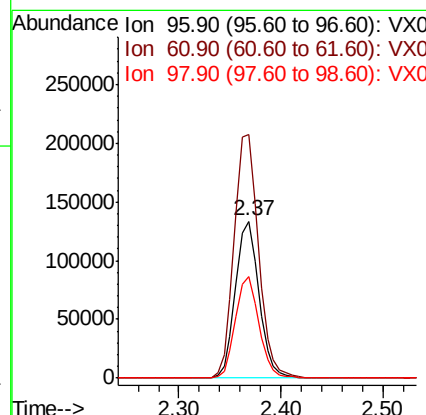
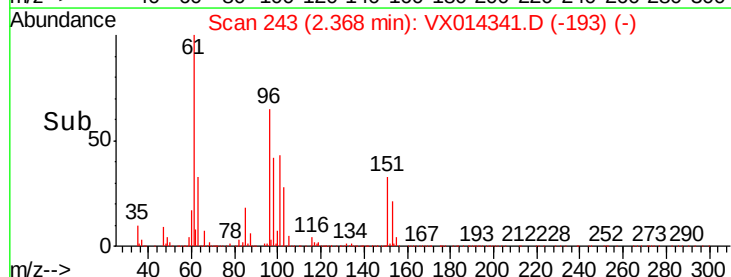
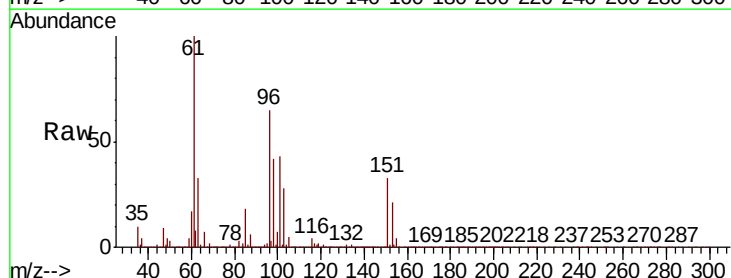
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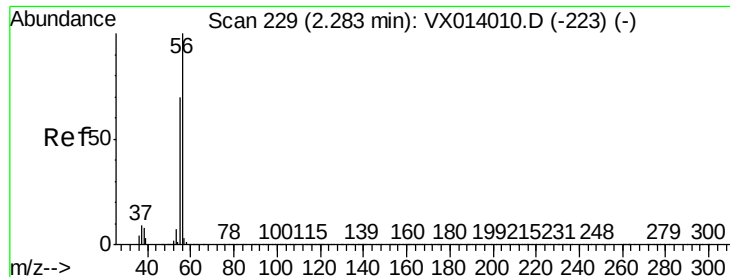


#12

1,1-Dichloroethene
Concen: 47.551 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	127.9	191.9
98	64.5	50.5	75.7





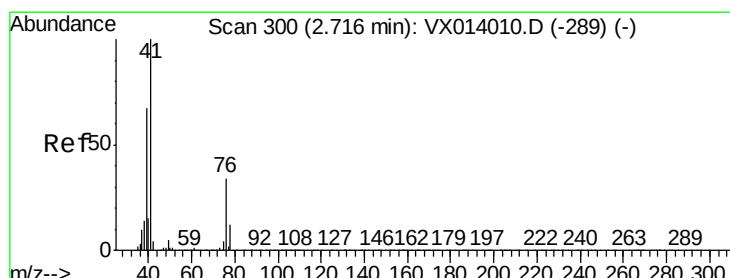
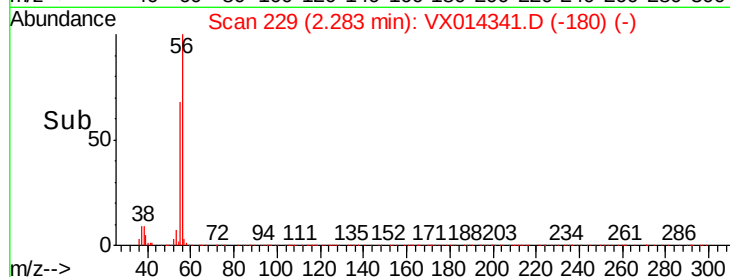
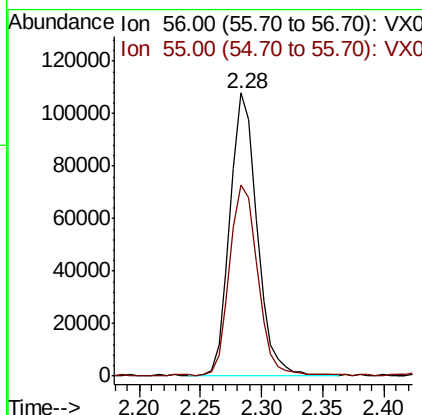
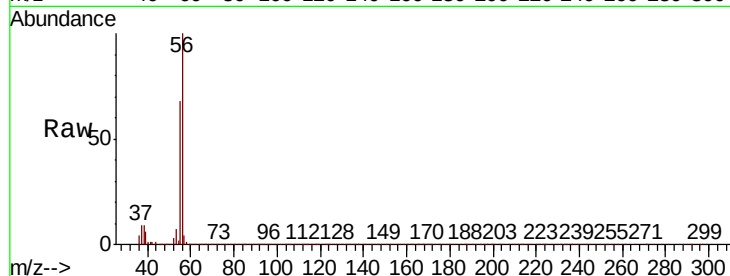
#13
Acrolein
Concen: 252.732 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.9	85.3

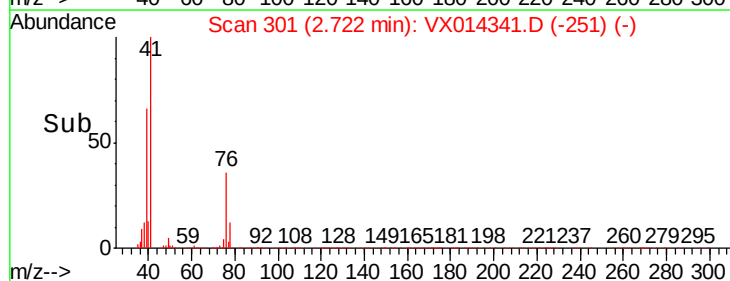
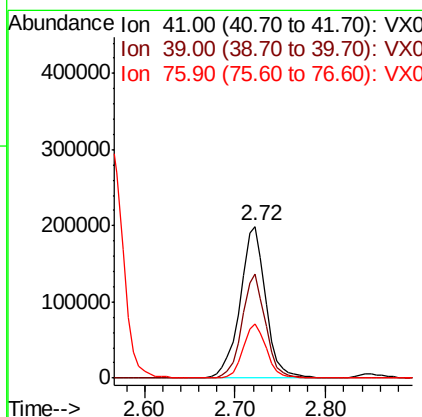
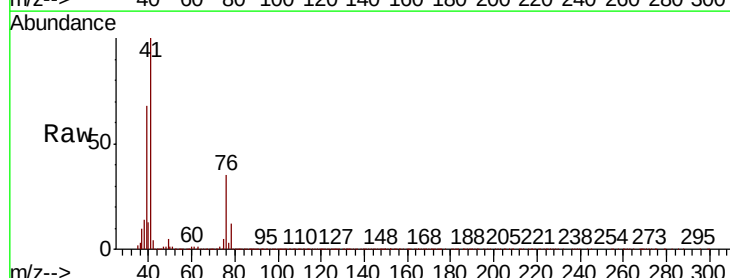
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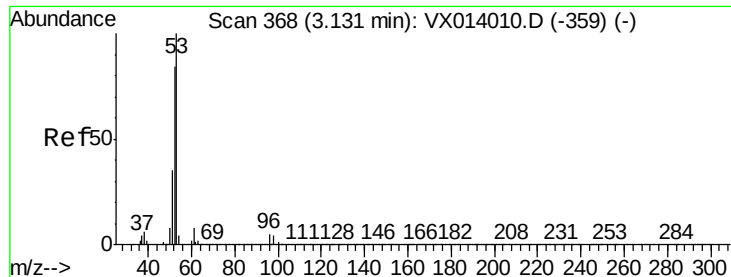
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#14
Allyl chloride
Concen: 48.573 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.2	51.8	77.8
76	32.0	25.9	38.9





#15

Acrylonitrile

Concen: 263.144 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

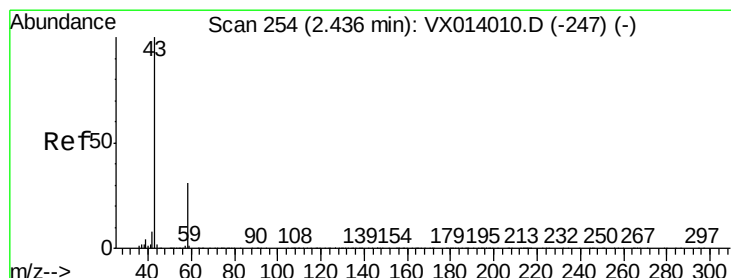
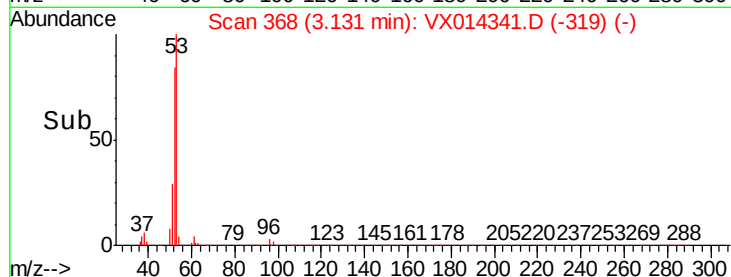
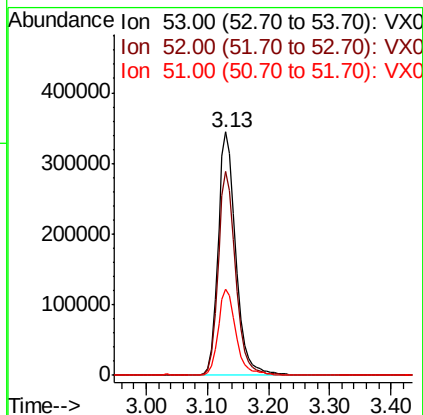
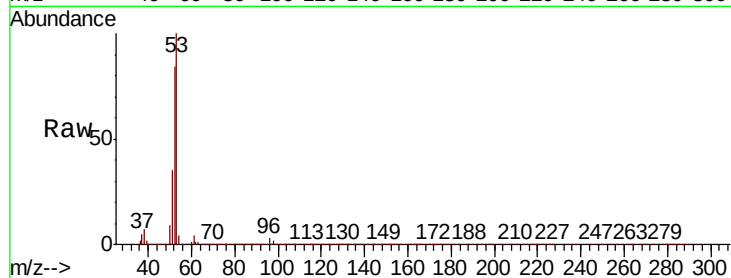
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.3	66.5	99.7	
51	35.5	28.1	42.1	

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#16

Acetone

Concen: 201.676 ug/l

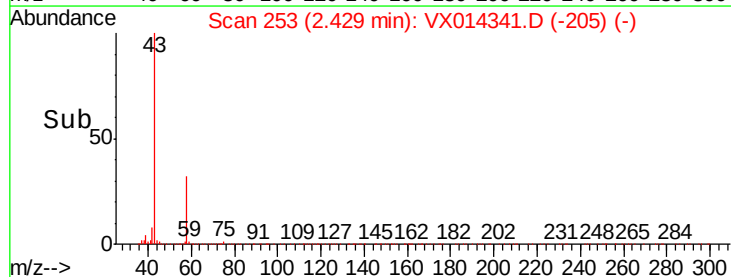
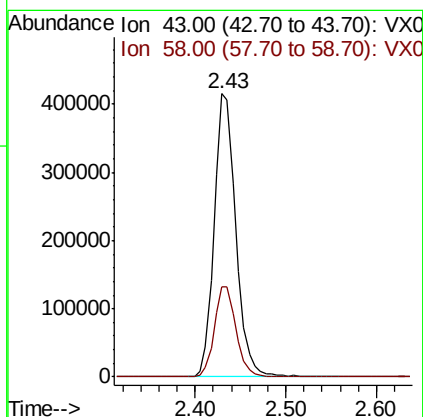
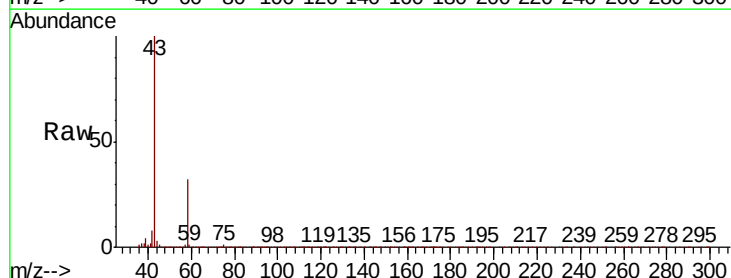
RT: 2.43 min Scan# 253

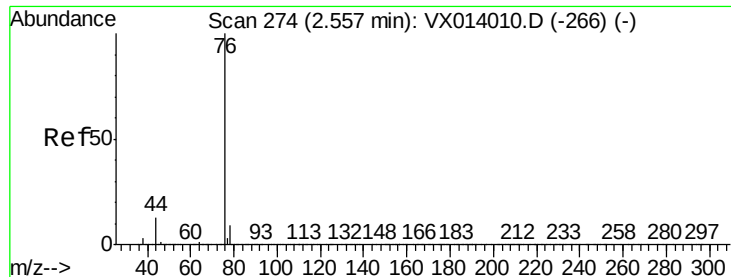
Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	31.7	24.9	37.3	





#17

Carbon Disulfide

Concen: 42.223 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 523521

Ion Ratio Lower Upper

76 100

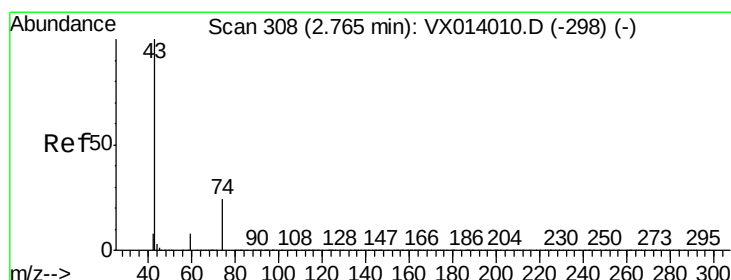
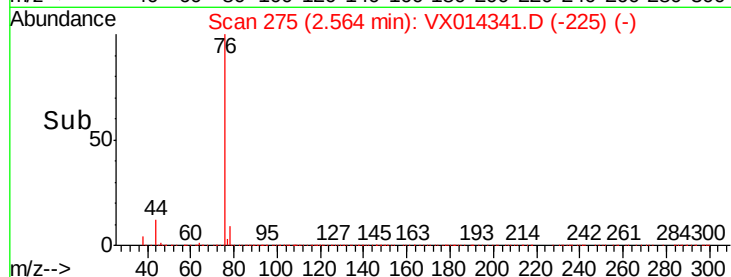
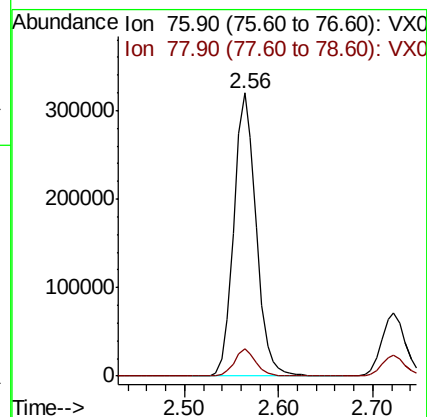
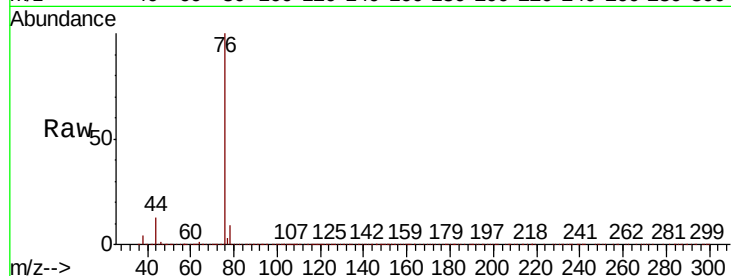
78 9.4 7.2 10.8

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#18

Methyl Acetate

Concen: 58.015 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014341.D

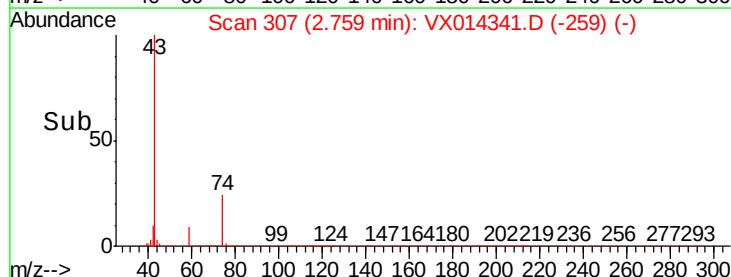
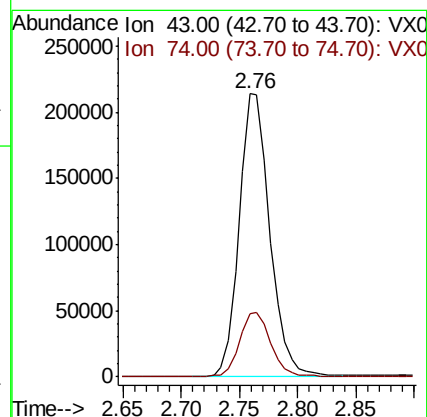
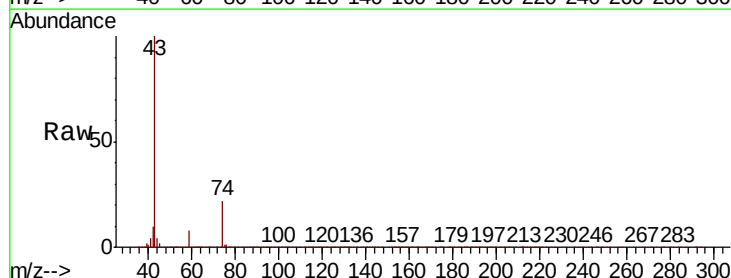
Acq: 28 Dec 2019 04:56

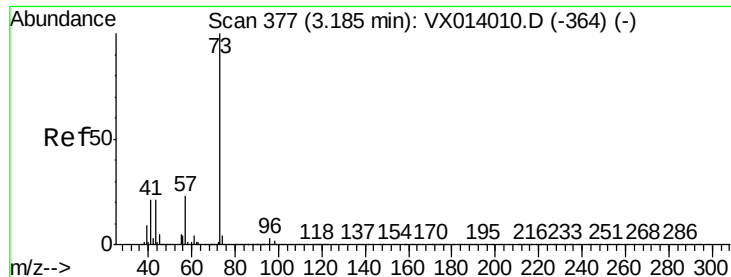
Tgt Ion: 43 Resp: 393829

Ion Ratio Lower Upper

43 100

74 23.5 19.5 29.3





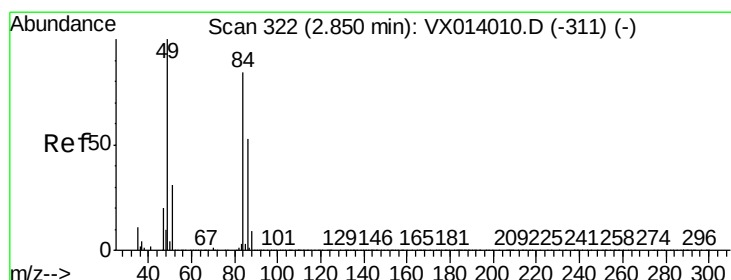
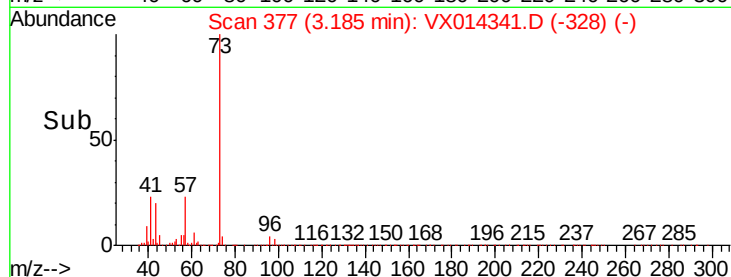
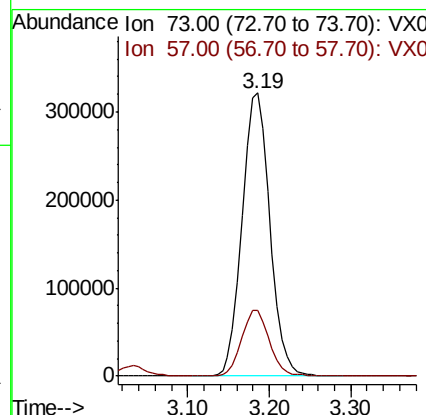
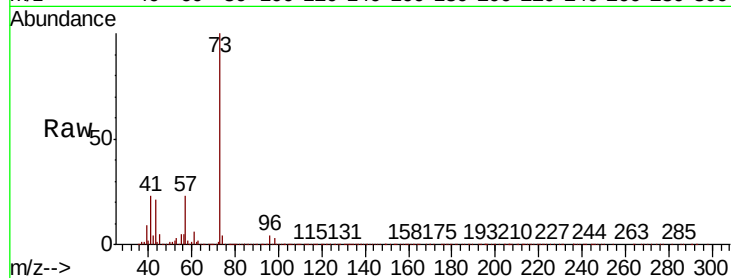
#19
Methyl tert-butyl Ether
Concen: 51.491 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.8	28.2

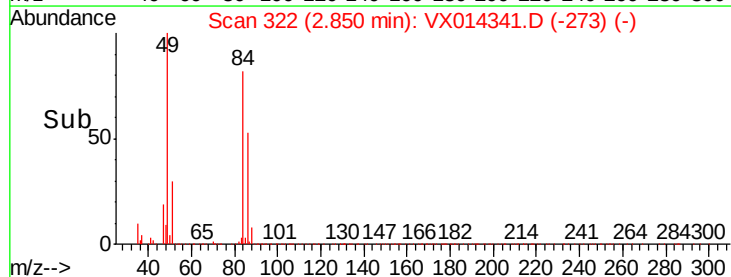
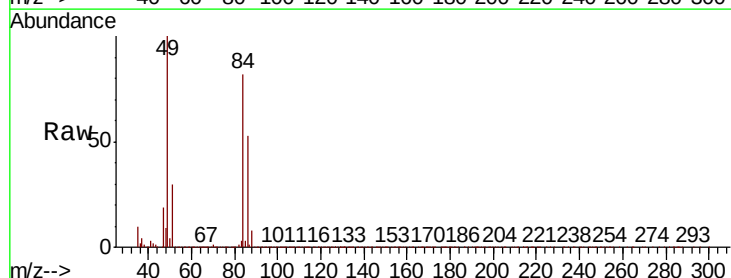
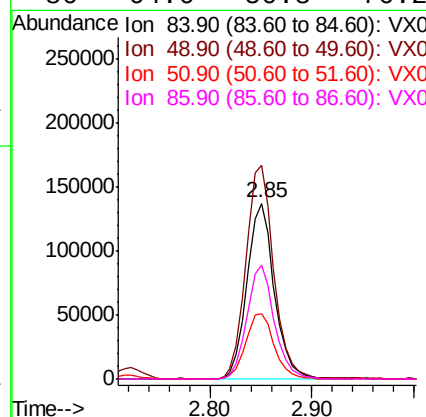
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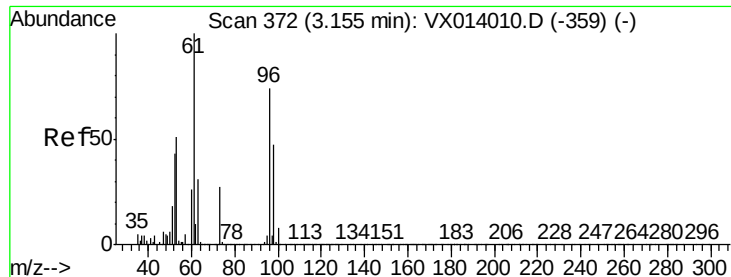
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#20
Methylene Chloride
Concen: 47.463 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	95.8	143.6
51	36.7	29.8	44.8
86	64.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.933 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

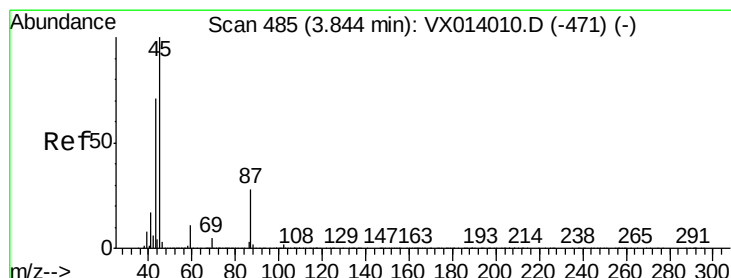
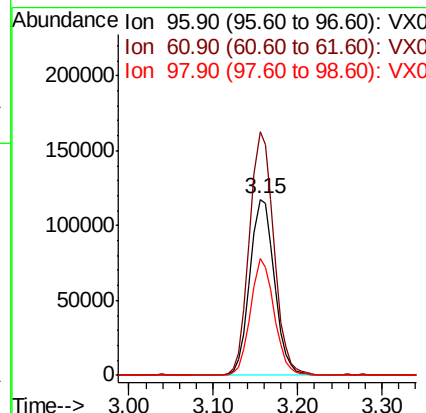
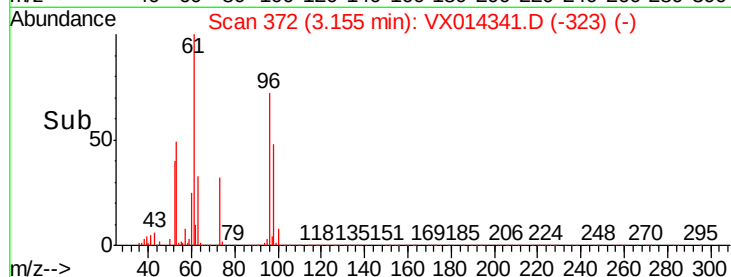
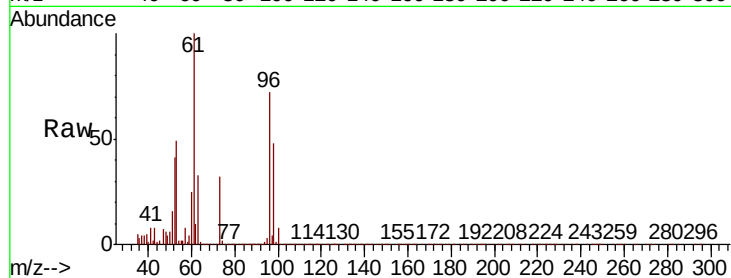
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	231575
Ion	Ratio	Lower	Upper
96	100		
61	138.1	108.3	162.5
98	66.6	50.8	76.2

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#22

Diisopropyl ether

Concen: 52.351 ug/l

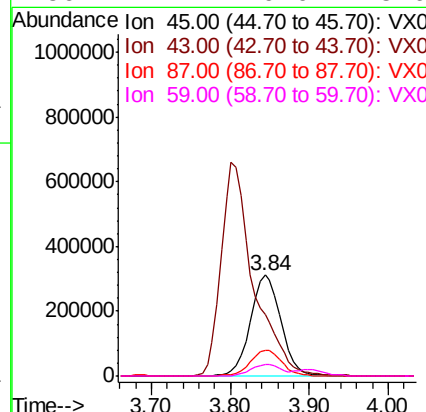
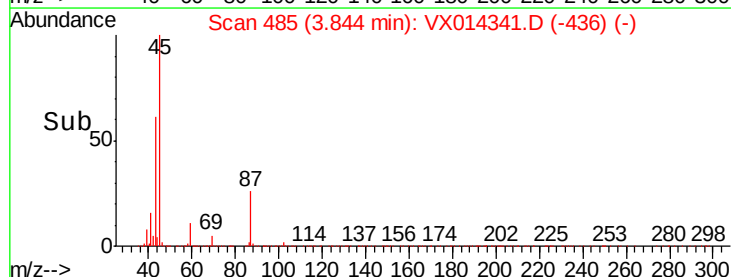
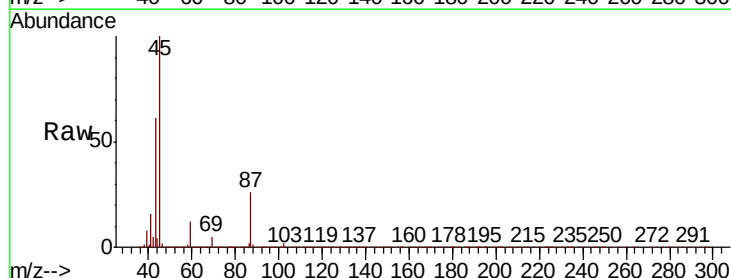
RT: 3.84 min Scan# 485

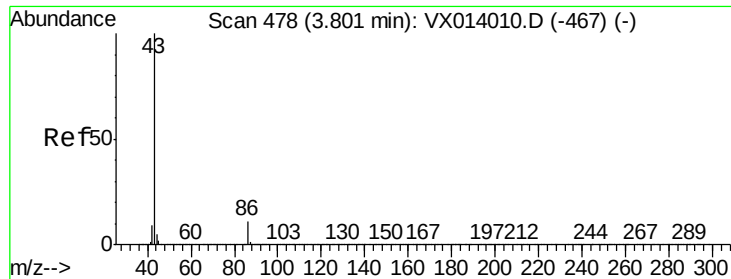
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	45	Resp:	834224
Ion	Ratio	Lower	Upper
45	100		
43	60.7	57.4	86.0
87	25.6	21.9	32.9
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 145.315 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1889700

Ion Ratio Lower Upper

43 100

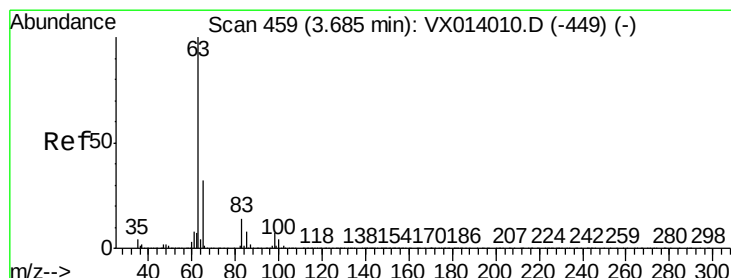
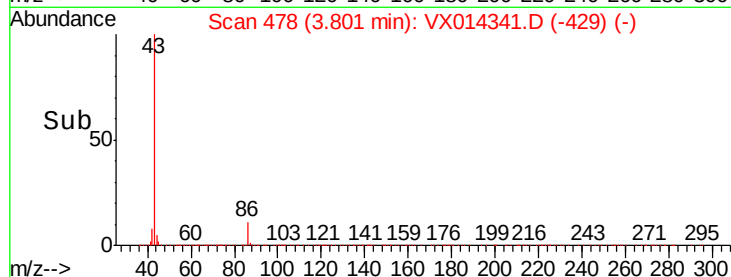
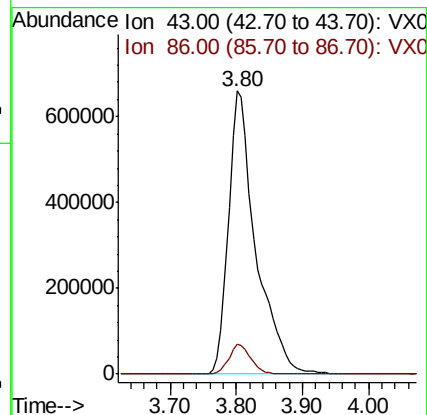
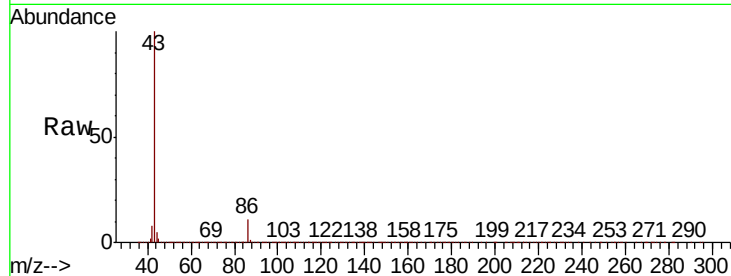
86 10.6 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 50.149 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

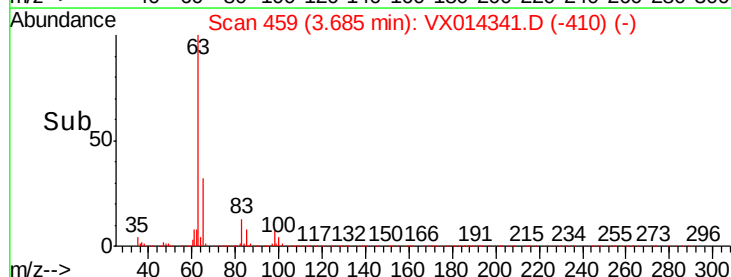
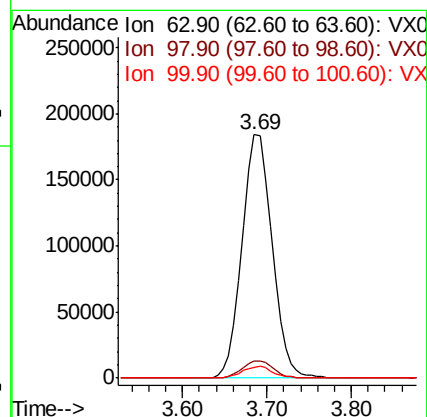
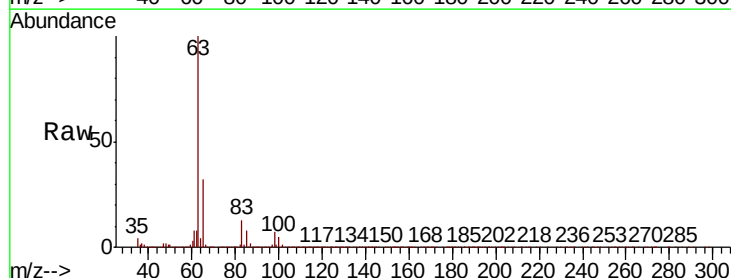
Tgt Ion: 63 Resp: 444608

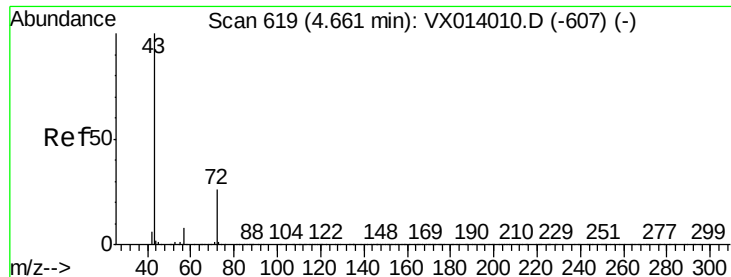
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 240.953 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tot Ion: 43 Resp: 1017702

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

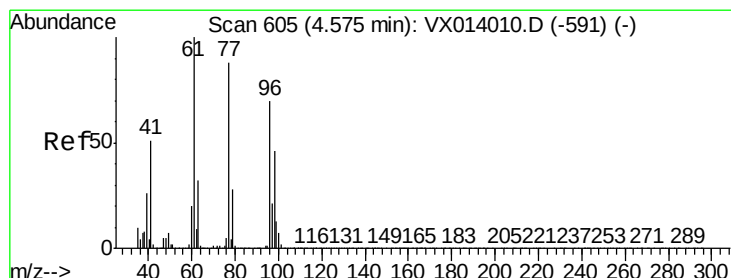
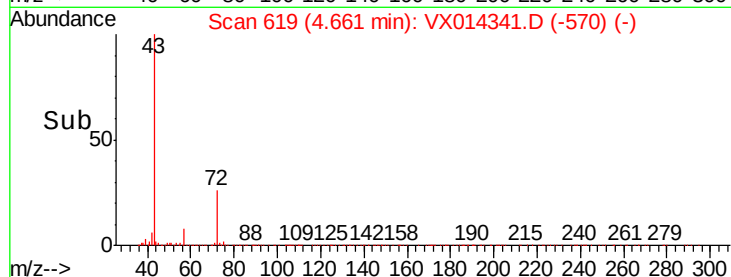
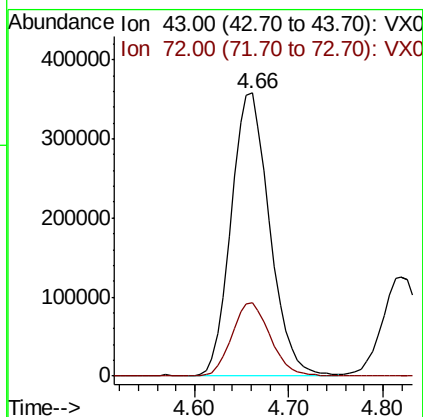
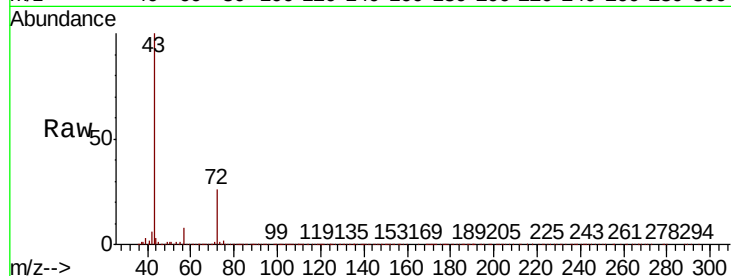
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 36.642 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014341.D

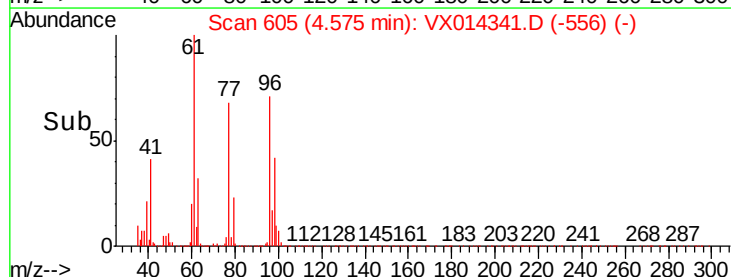
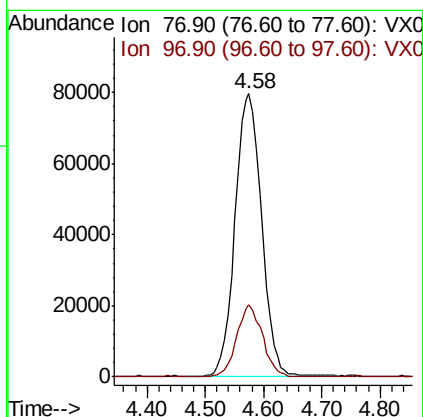
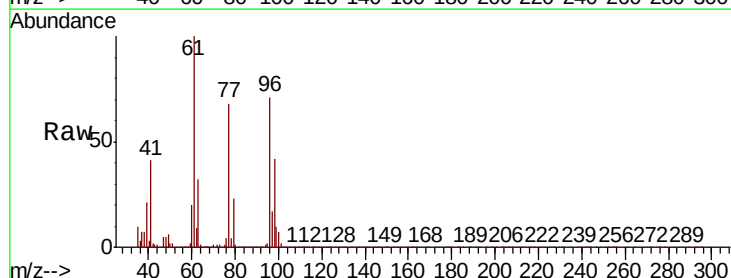
Acq: 28 Dec 2019 04:56

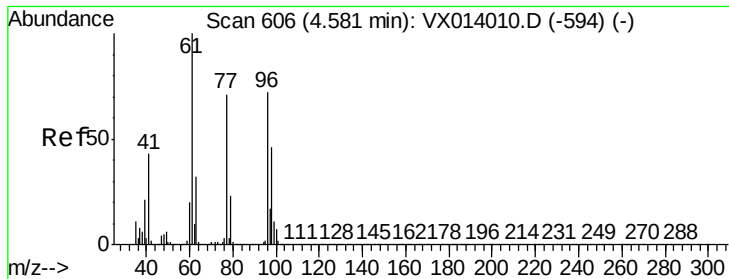
Tgt Ion: 77 Resp: 252226

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9





#27

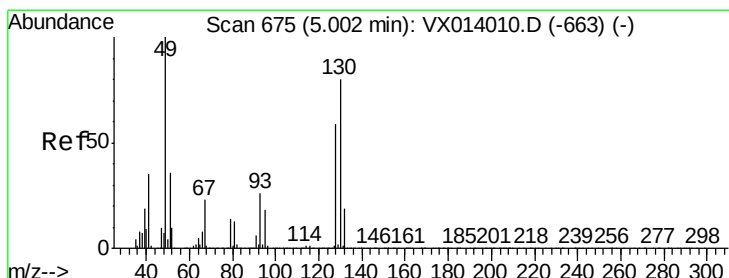
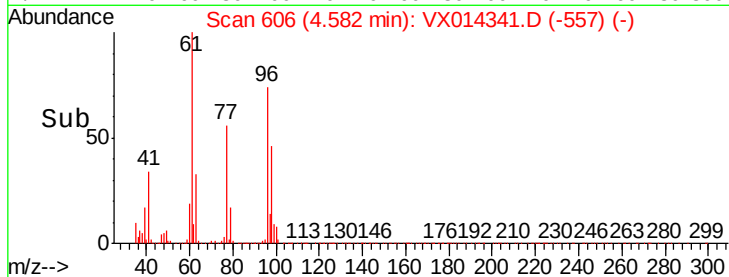
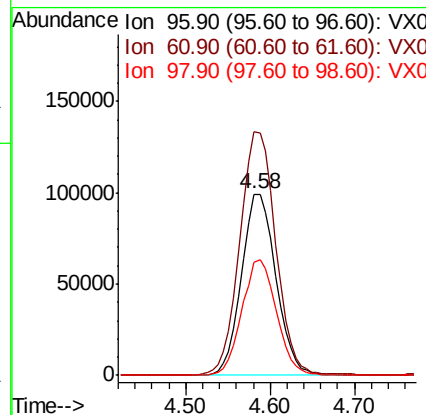
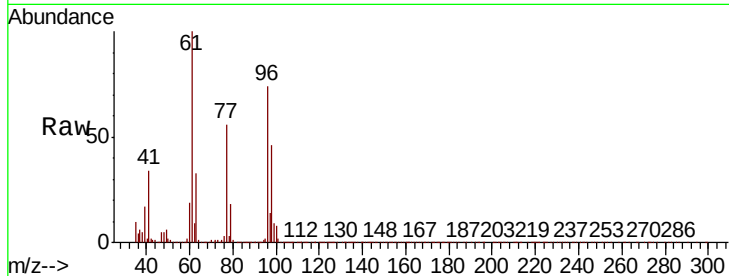
cis-1,2-Dichloroethene
Concen: 49.099 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	273990		
61	140.6	0.0	288.4	
98	63.9	0.0	129.6	

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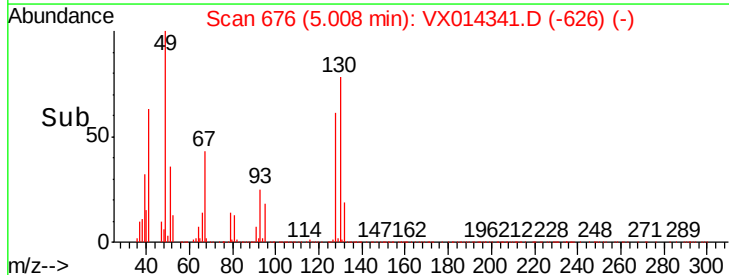
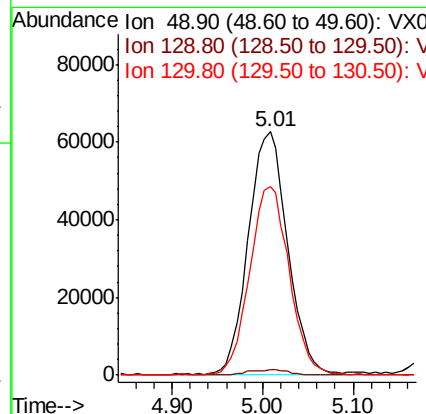
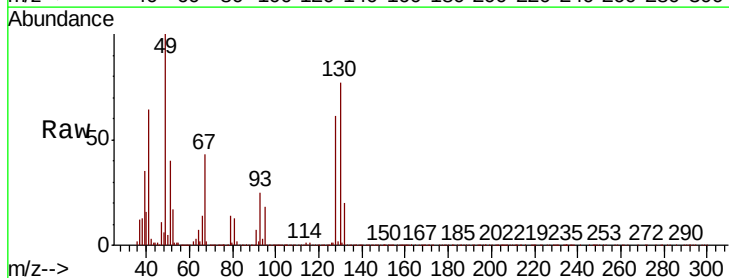
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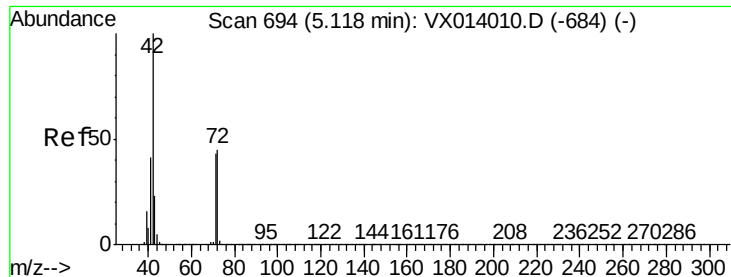


#28

Bromochloromethane
Concen: 54.780 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	186930		
129	2.5	0.0	5.0	
130	77.9	64.6	97.0	





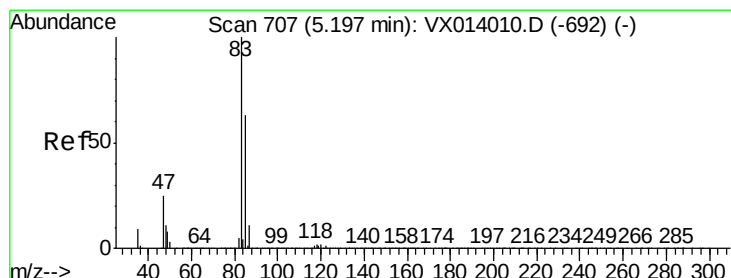
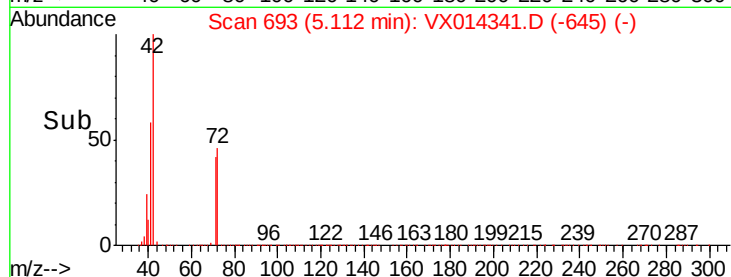
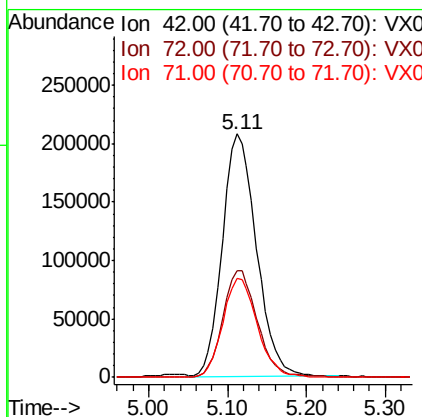
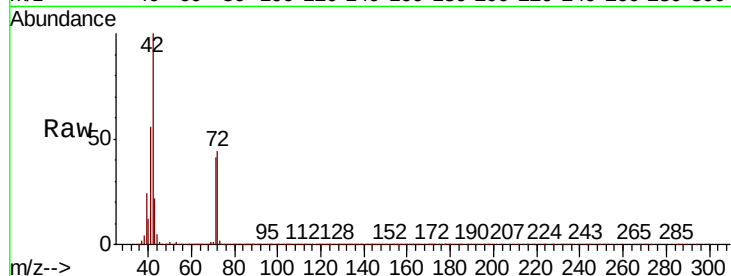
#29
Tetrahydrofuran
Concen: 264.296 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.8	53.8
71	41.2	33.6	50.4

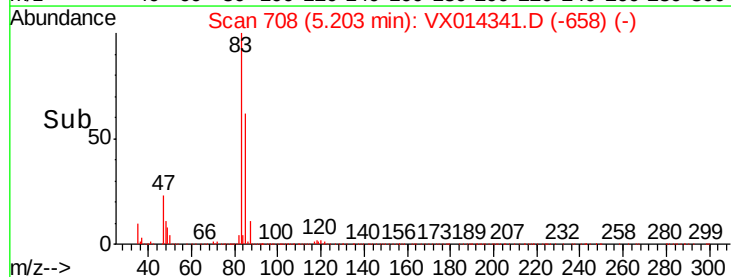
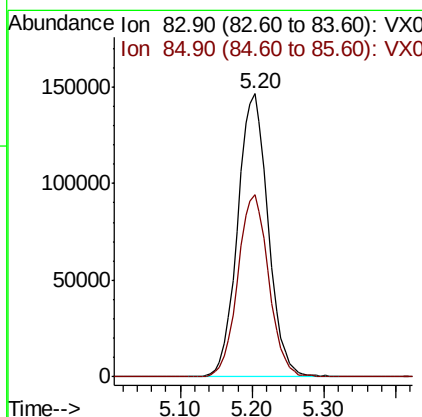
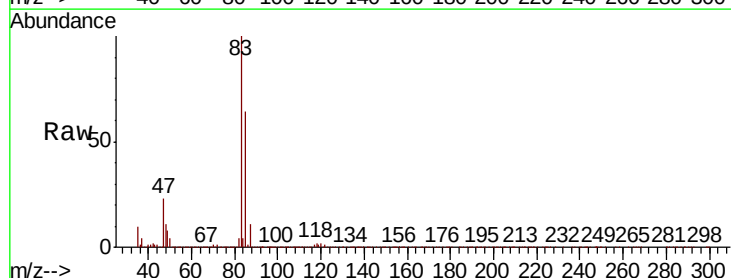
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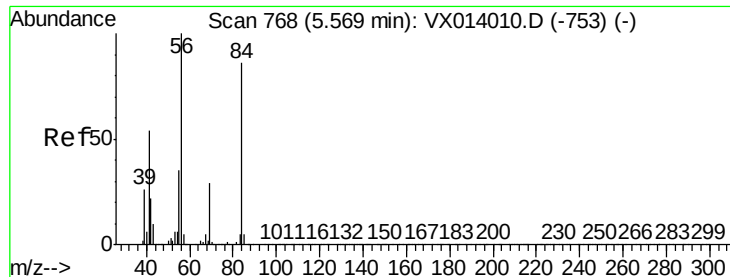
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#30
Chloroform
Concen: 51.156 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2





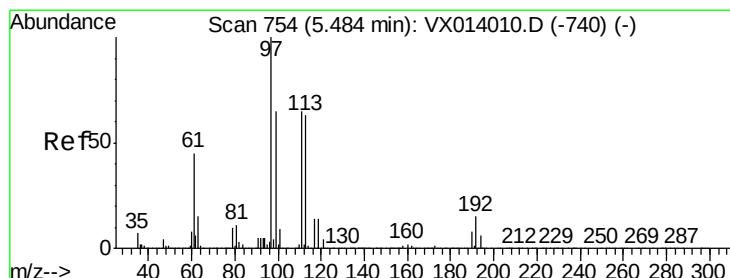
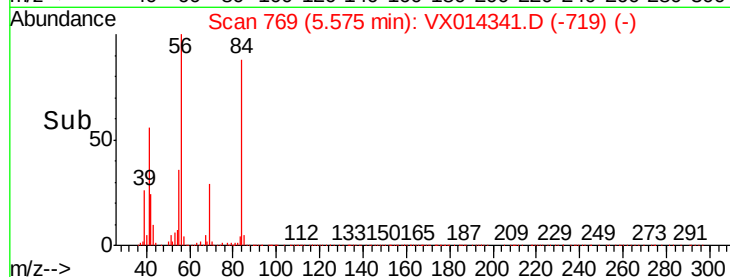
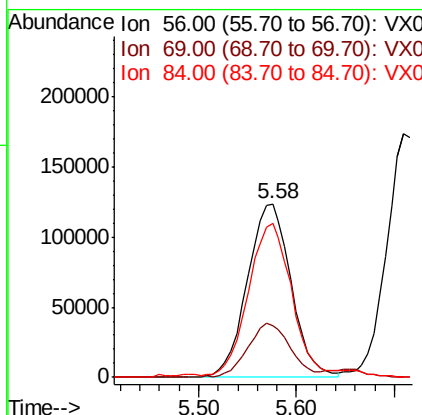
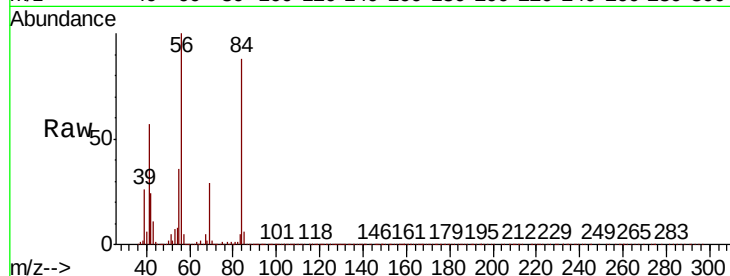
#31
Cyclohexane
Concen: 48.065 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.2	34.8
84	87.2	69.2	103.8

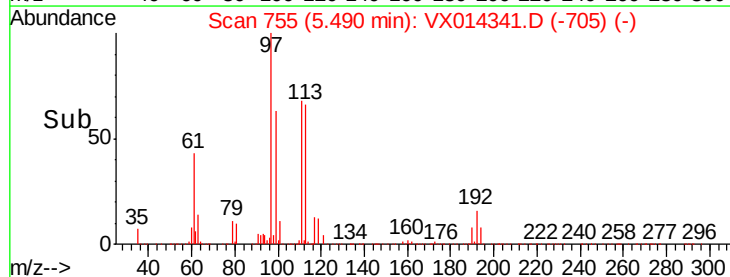
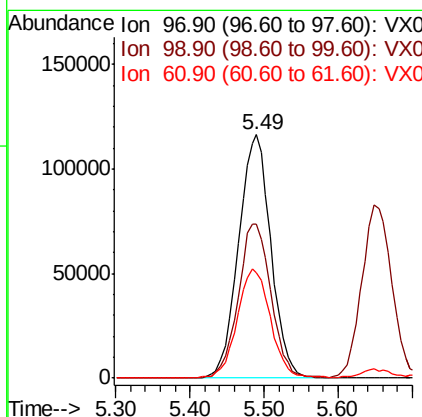
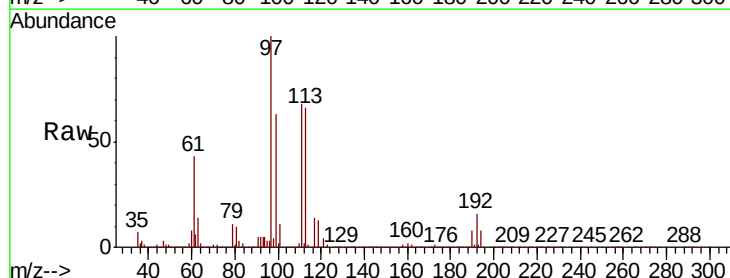
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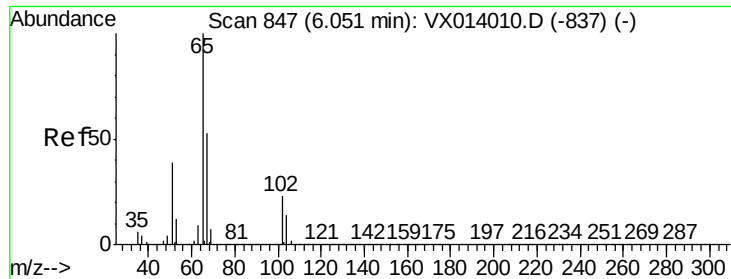
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#32
1,1,1-Trichloroethane
Concen: 49.478 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	45.6	36.7	55.1





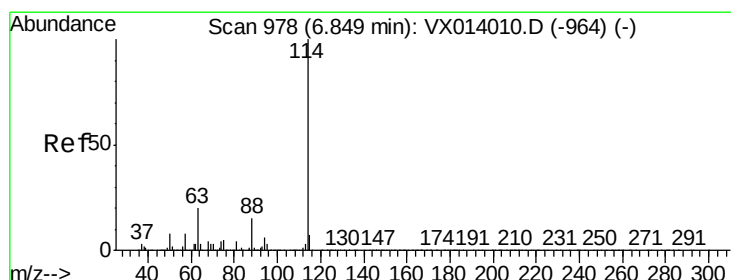
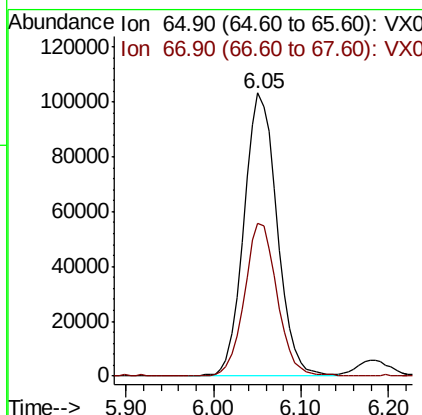
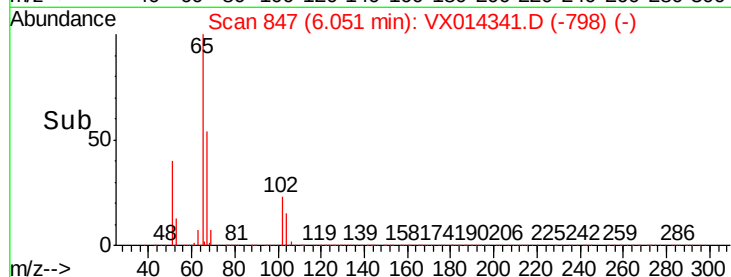
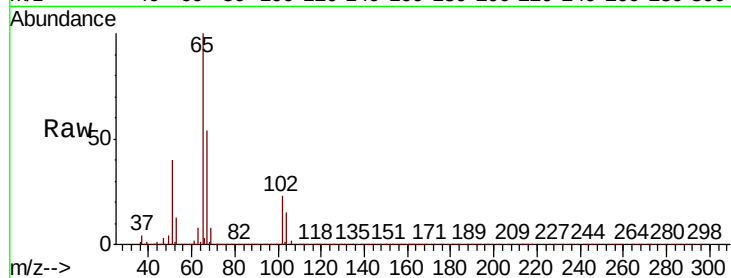
#33
 1,2-Dichloroethane-d4
 Concen: 51.018 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	269214		
67	53.2	0.0	106.4	

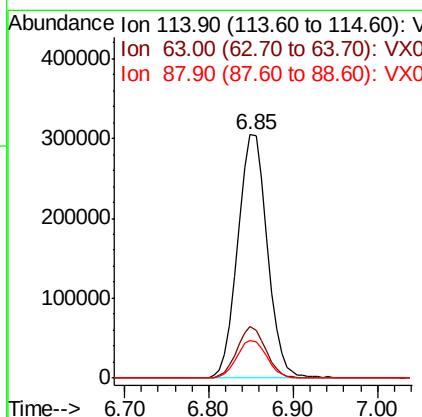
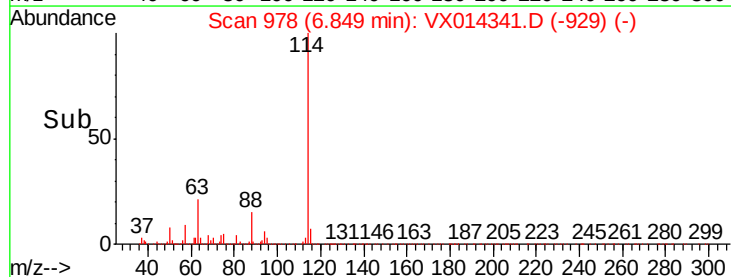
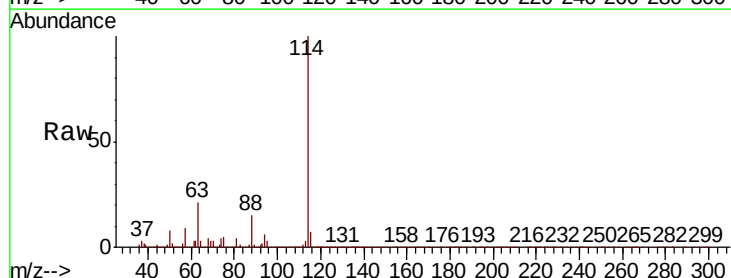
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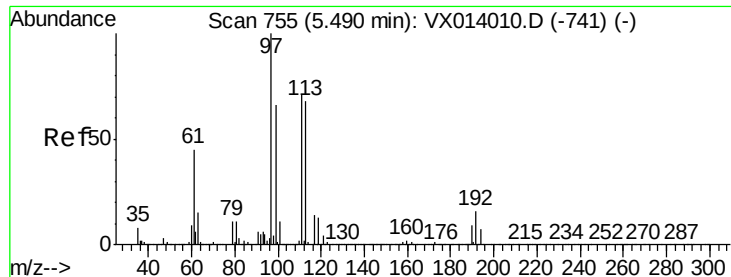
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	721016		
63	20.9	0.0	40.8	
88	15.4	0.0	30.4	





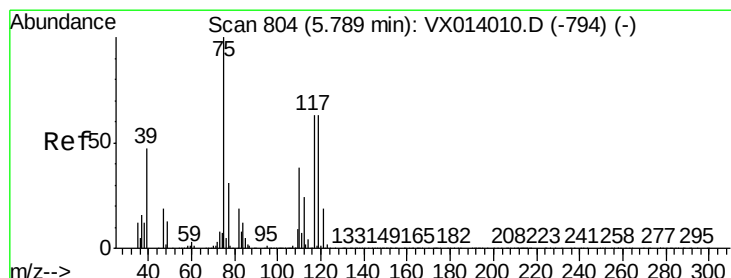
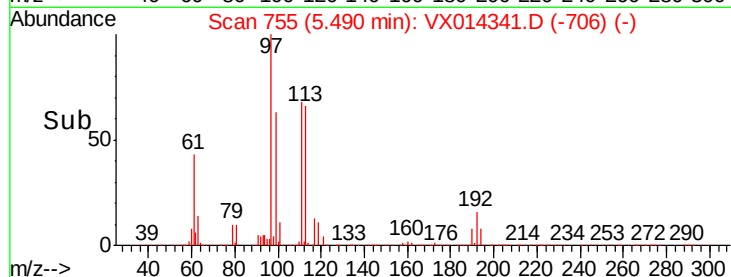
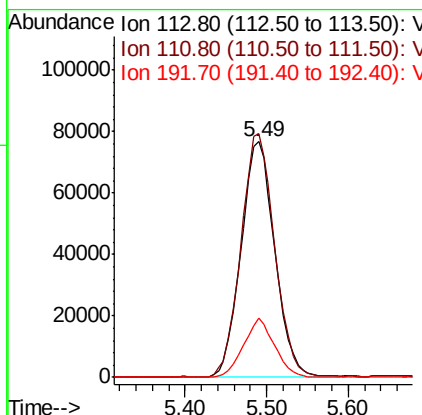
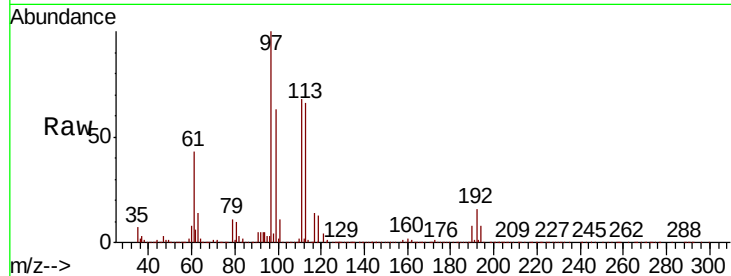
#35
 Dibromofluoromethane
 Concen: 50.398 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.0	19.3	28.9

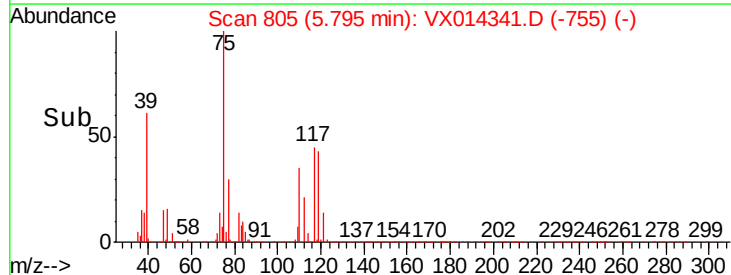
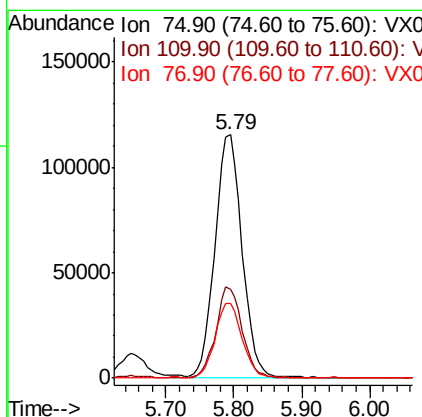
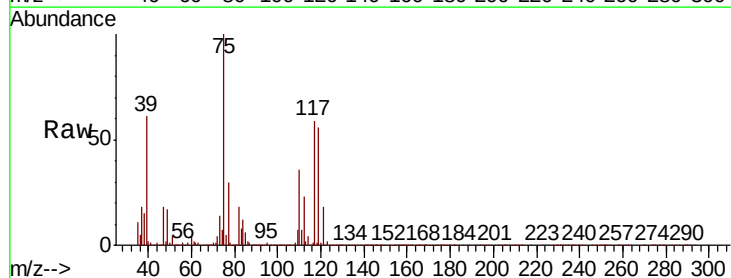
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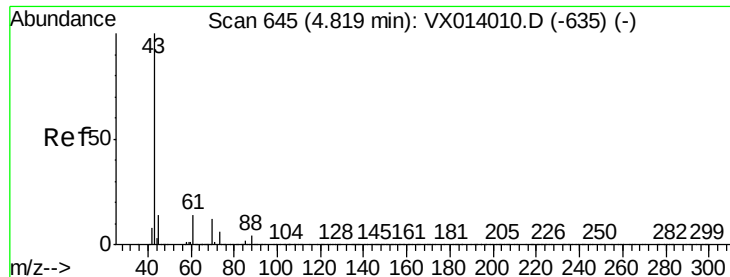
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#36
 1,1-Dichloropropene
 Concen: 48.081 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.3	54.9
77	30.4	24.8	37.2





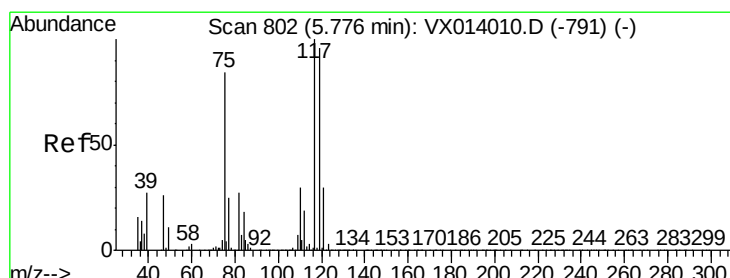
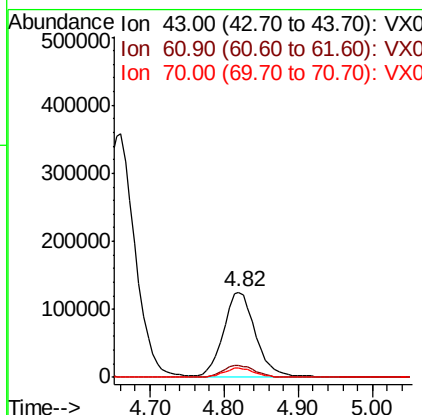
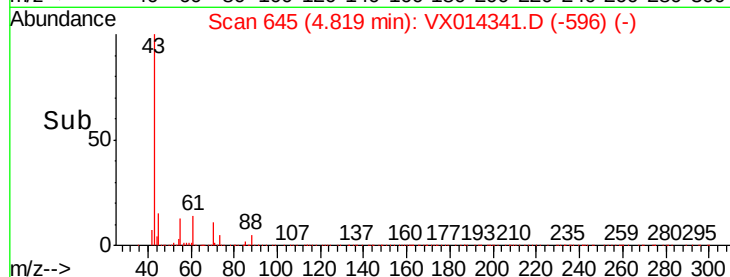
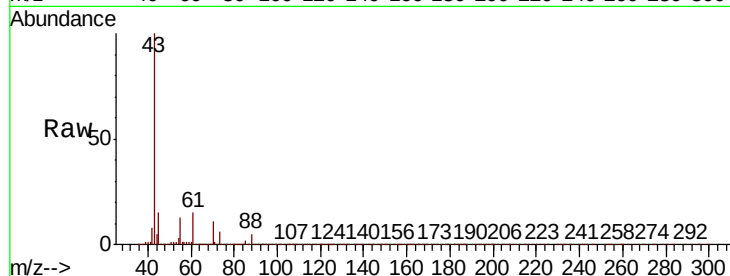
#37
Ethyl Acetate
Concen: 50.965 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.8	16.2
70	10.6	8.6	12.8

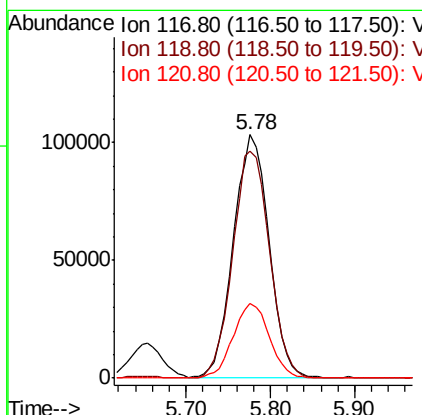
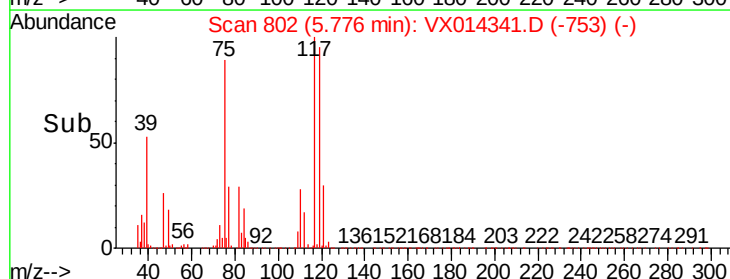
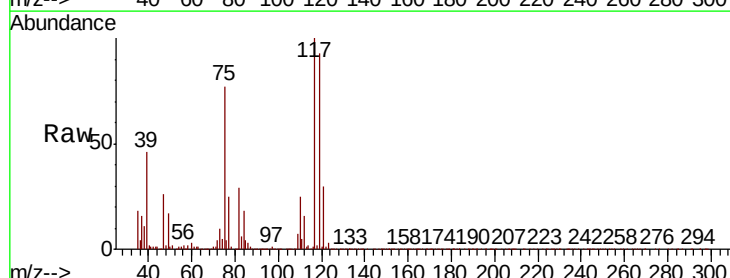
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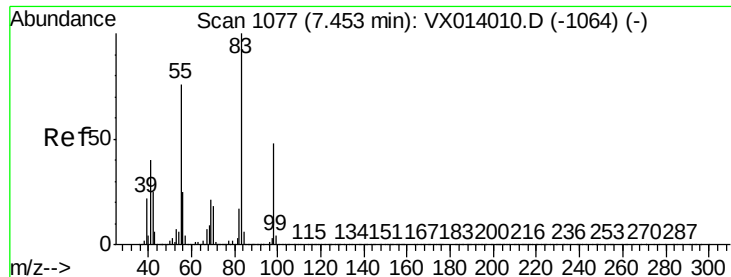
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#38
Carbon Tetrachloride
Concen: 49.060 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.4
121	30.4	23.6	35.4





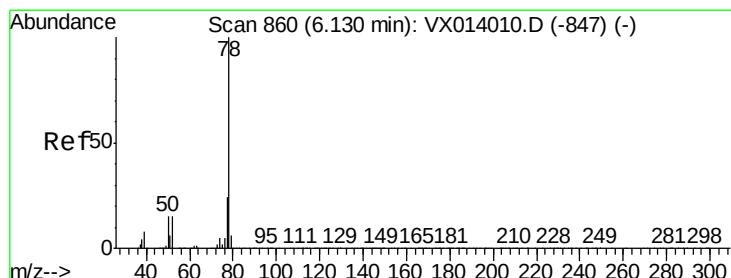
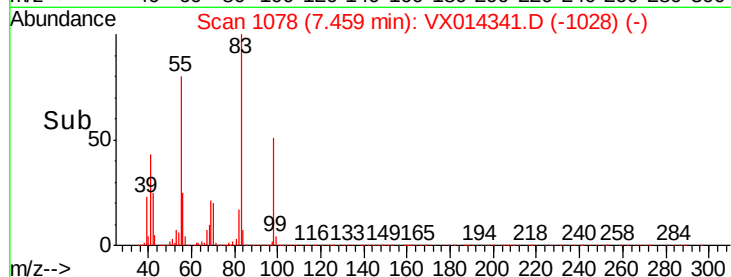
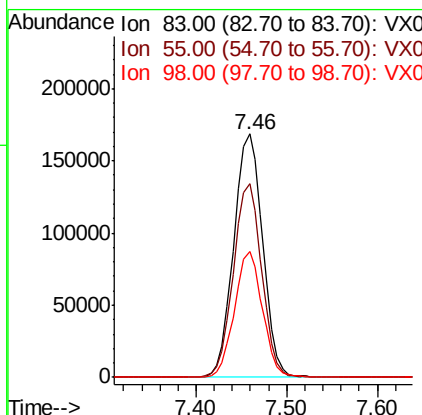
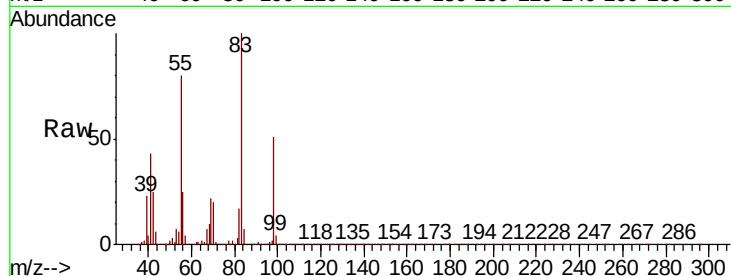
#39
Methylvlcyclohexane
Concen: 45.682 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	61.0	91.6
98	51.5	38.6	57.8

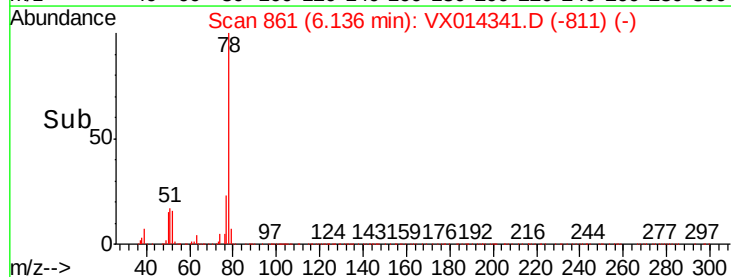
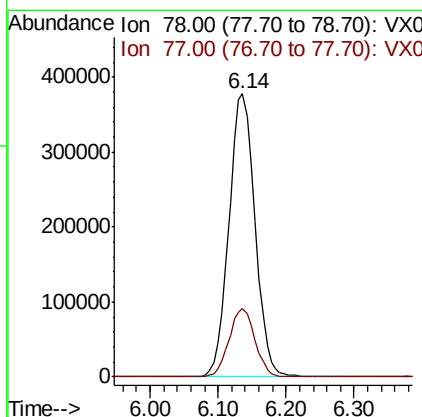
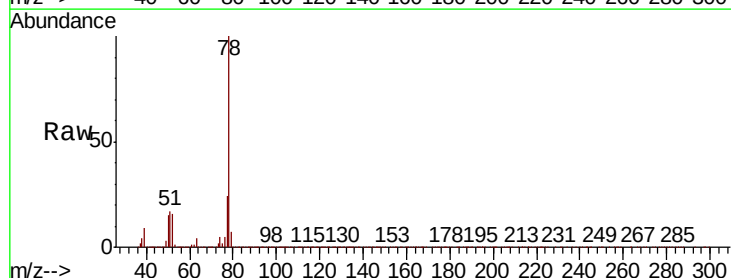
Manual Integrations
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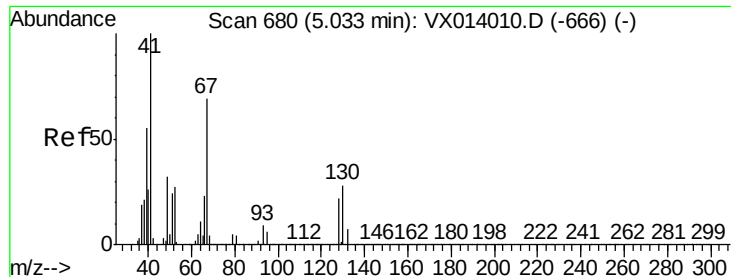
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#40
Benzene
Concen: 49.315 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





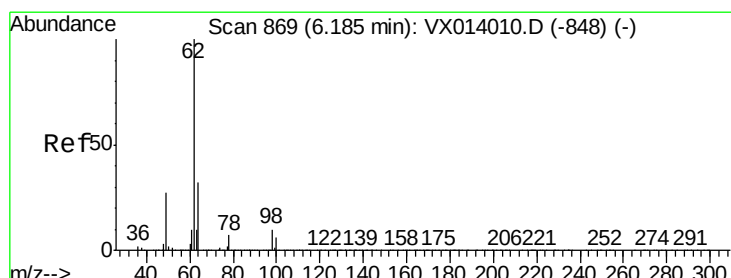
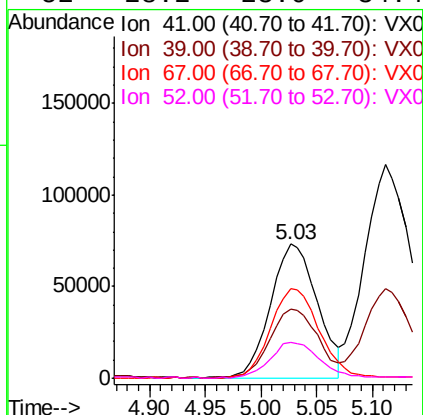
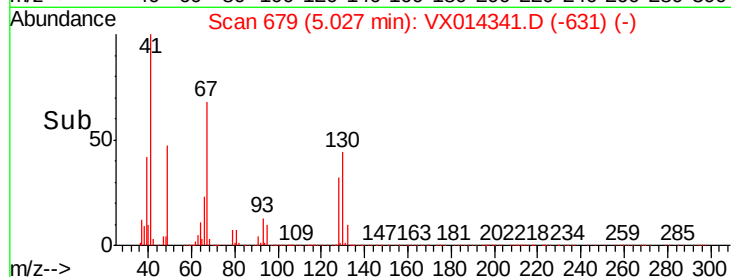
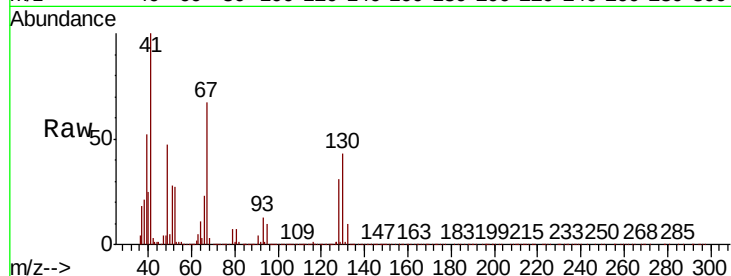
#41
Methacrylonitrile
Concen: 52.473 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		212700		
39	52.8	44.5	66.7		
67	69.5	57.4	86.0		
52	28.2	23.0	34.4		

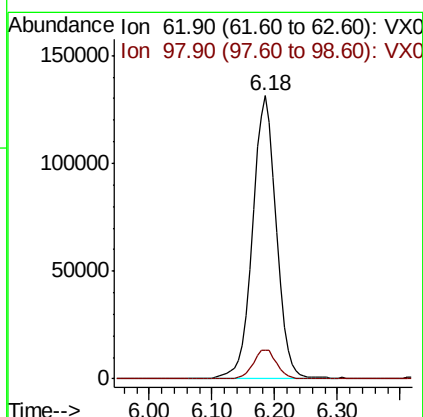
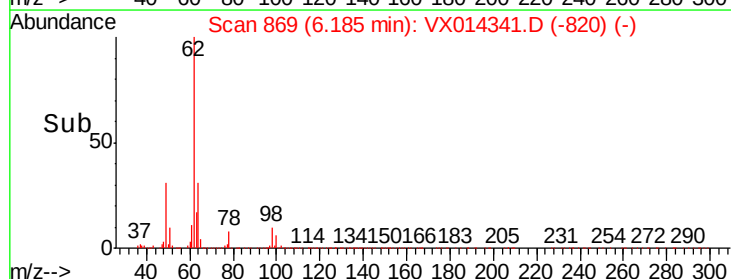
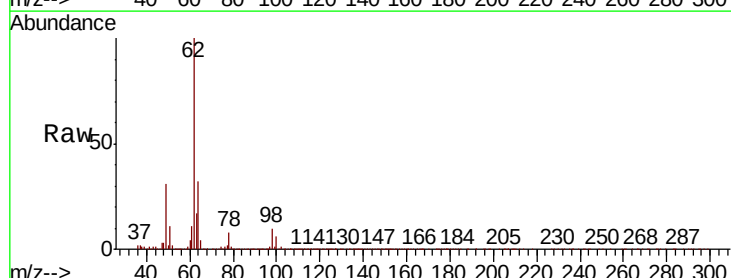
Manual Integrations
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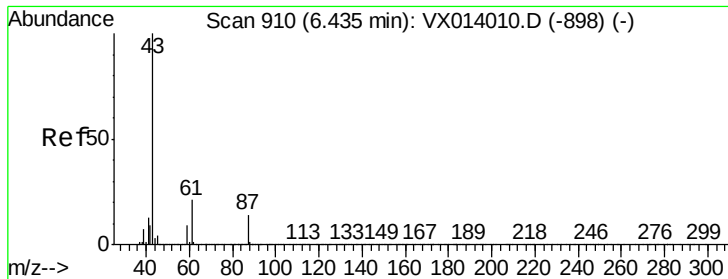
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#42
1,2-Dichloroethane
Concen: 49.963 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		344751		
98	9.9	0.0	21.0		





#43

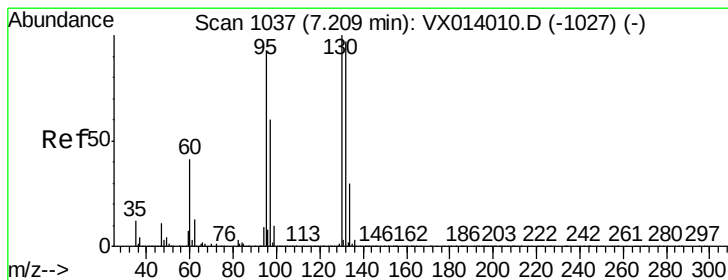
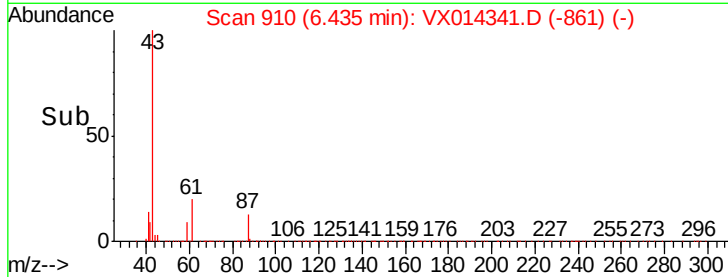
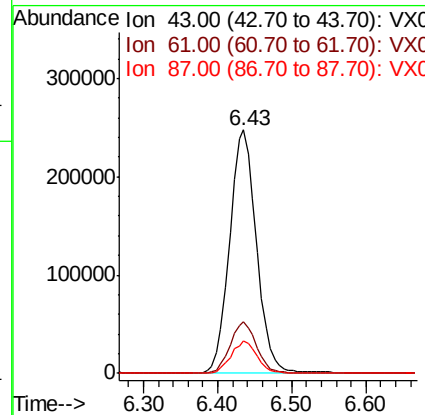
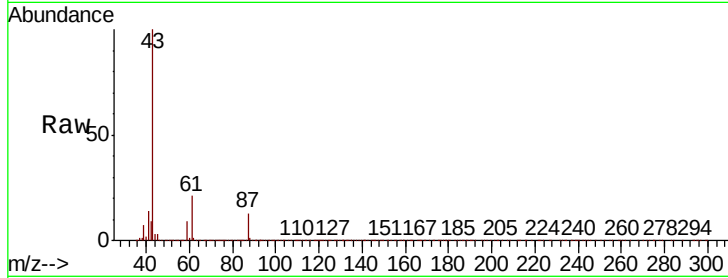
Isopropyl Acetate
 Concen: 51.230 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	619389
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.4	24.6
87	12.9	10.7	16.1

Manual Integrations
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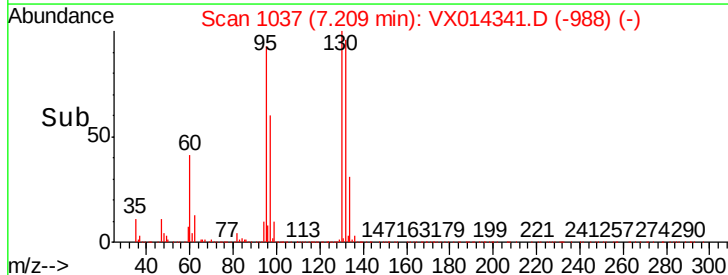
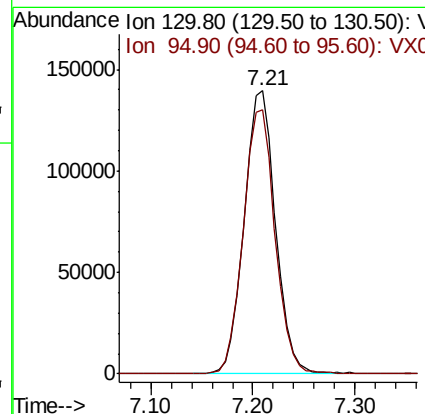
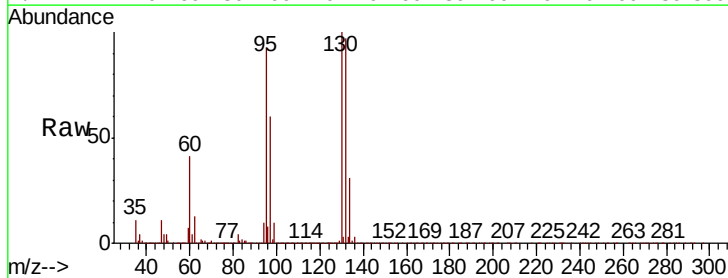
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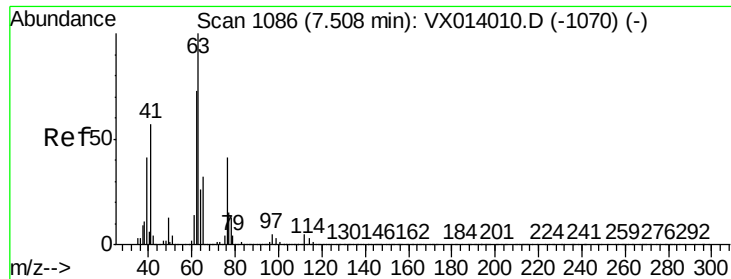


#44

Trichloroethene
 Concen: 52.663 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	130	Resp	296093
Ion Ratio	Lower	Upper	
130	100		
95	93.4	0.0	185.6





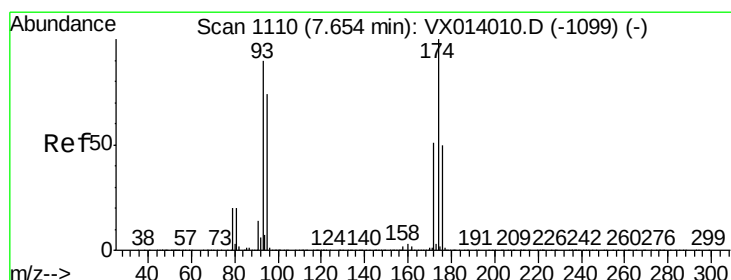
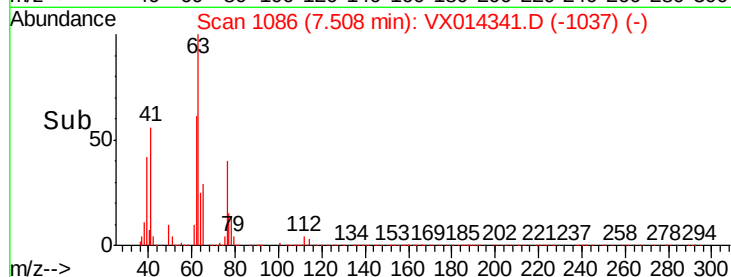
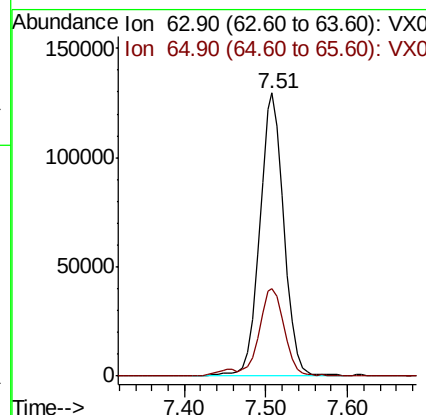
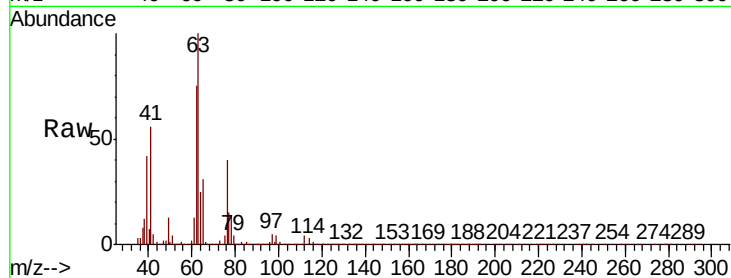
#45
 1,2-Dichloropropane
 Concen: 51.541 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.8	38.8

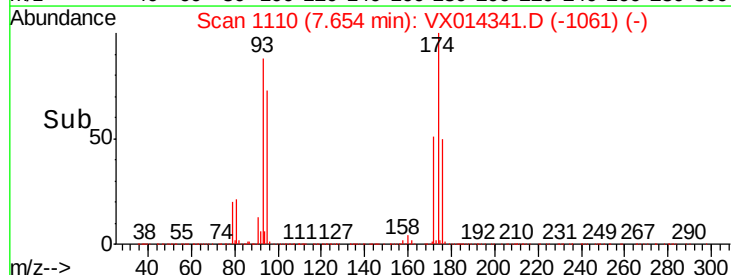
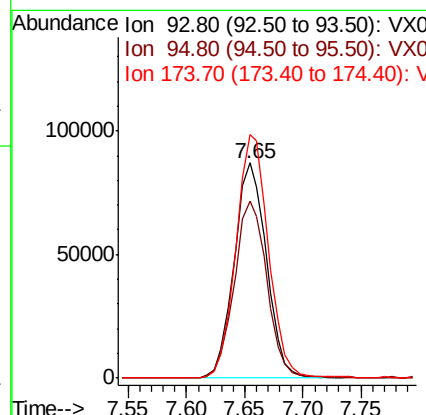
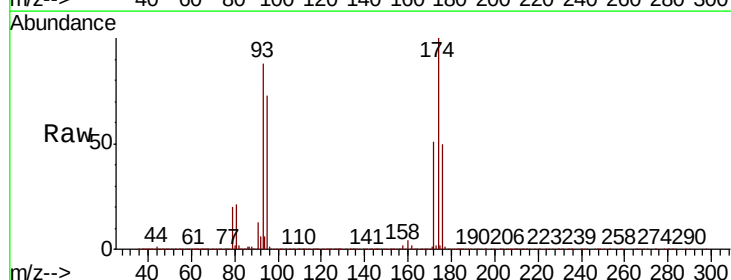
Manual Integrations
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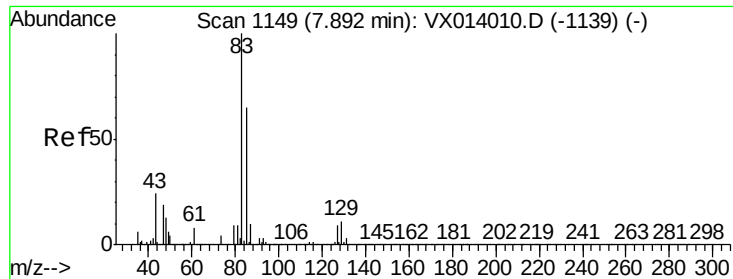
apatel
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#46
 Dibromomethane
 Concen: 48.454 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.3	100.9
174	113.9	91.6	137.4





#47

Bromodichloromethane

Concen: 51.775 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

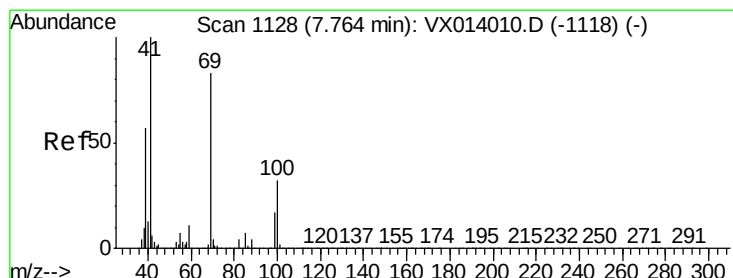
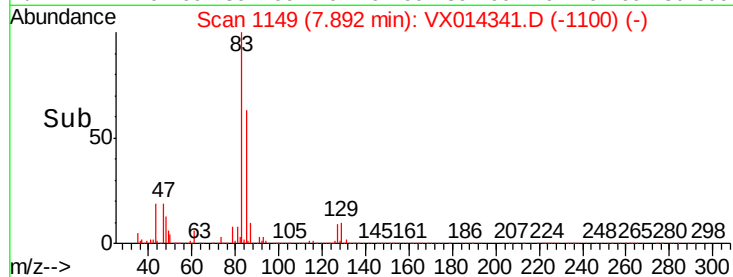
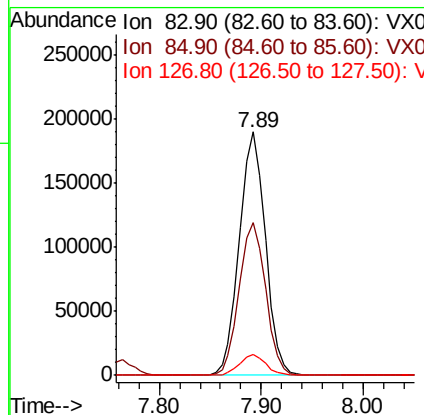
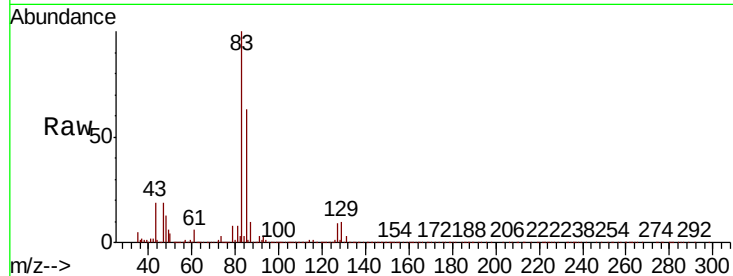
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	336362
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.8	77.8
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.669 ug/l

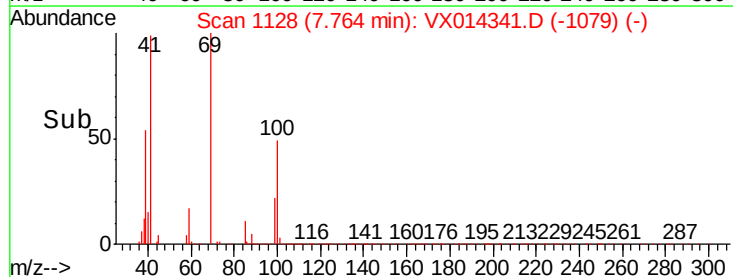
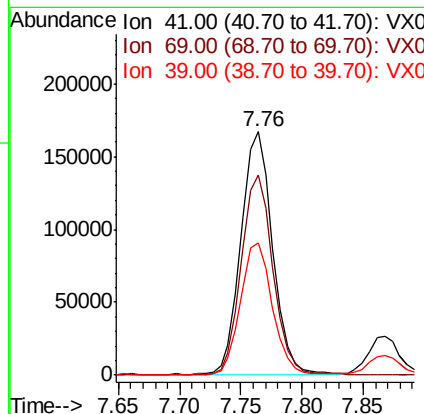
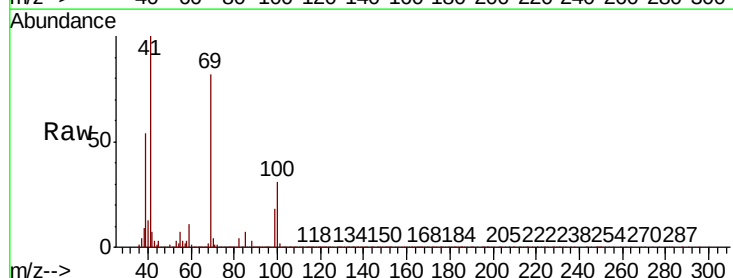
RT: 7.76 min Scan# 1128

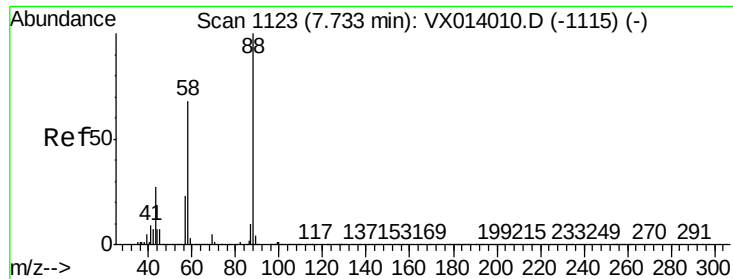
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	41	Resp:	299978
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.8	98.6
39	54.7	44.6	67.0





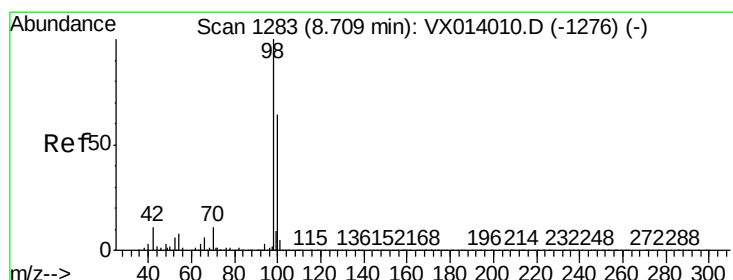
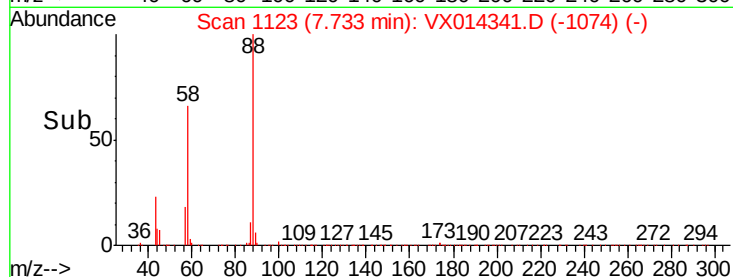
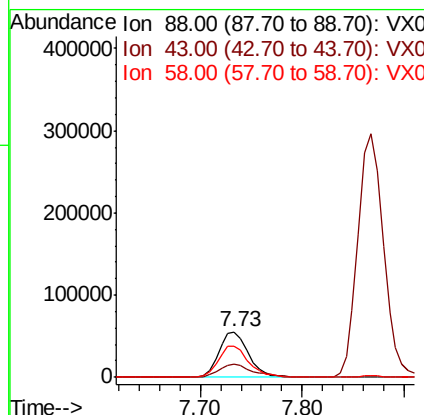
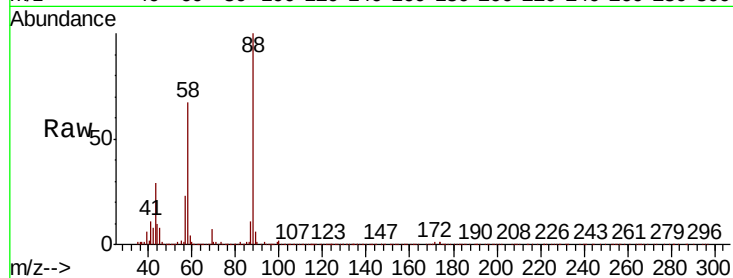
#49
1,4-Dioxane
Concen: 911.953 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.5	39.7
58	70.6	56.8	85.2

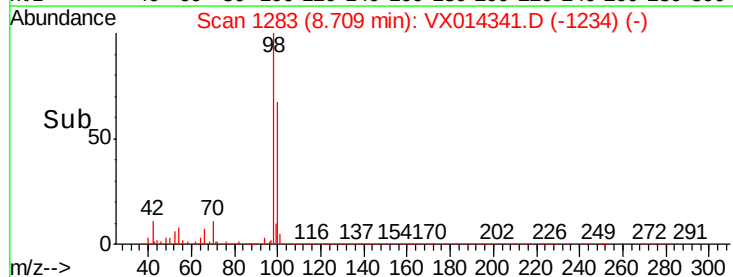
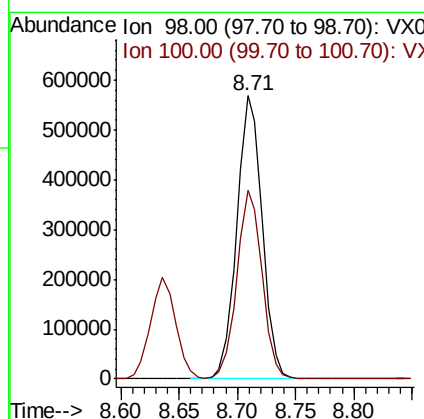
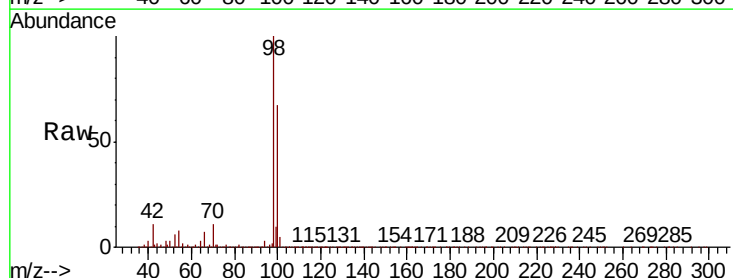
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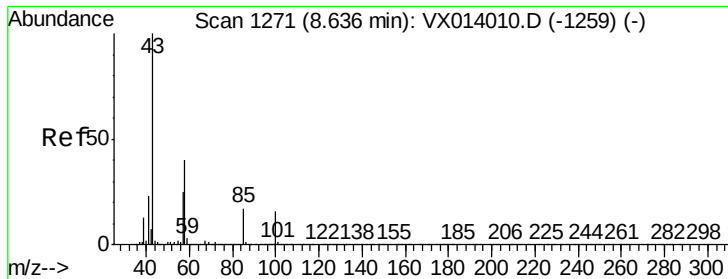
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#50
Toluene-d8
Concen: 50.625 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 256.717 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1949261

Ion Ratio Lower Upper

43 100

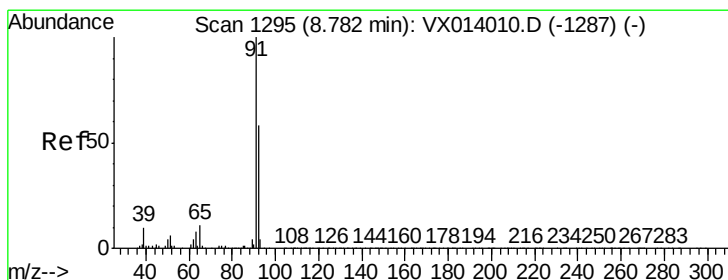
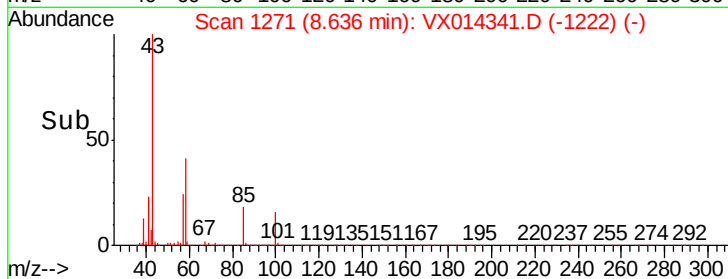
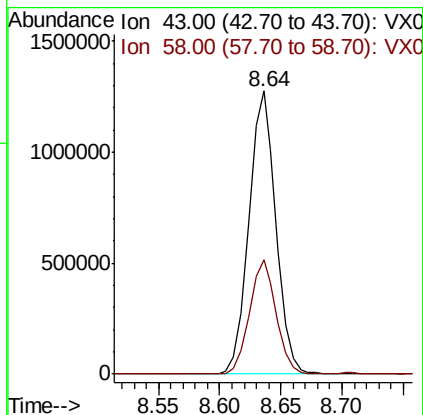
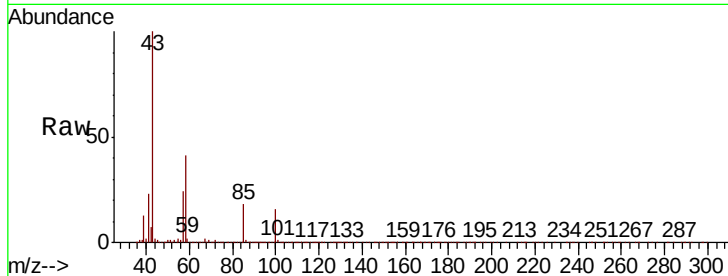
58 40.0 32.2 48.2

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#52

Toluene

Concen: 48.601 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014341.D

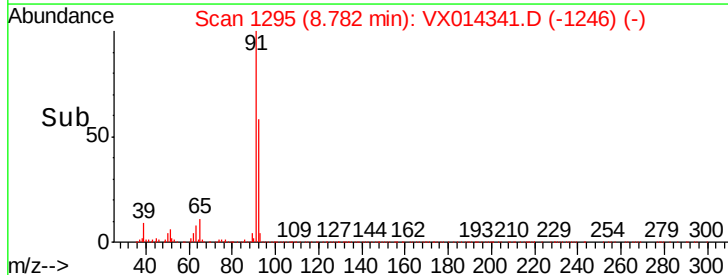
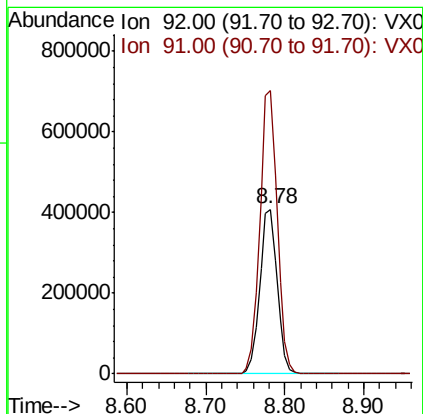
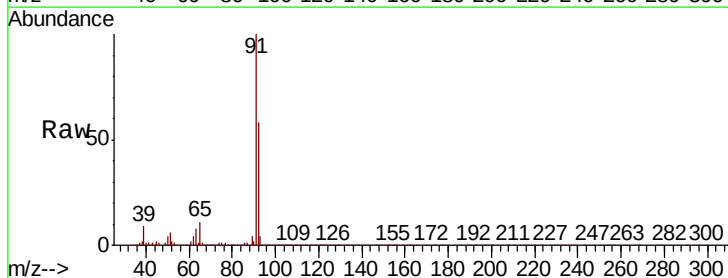
Acq: 28 Dec 2019 04:56

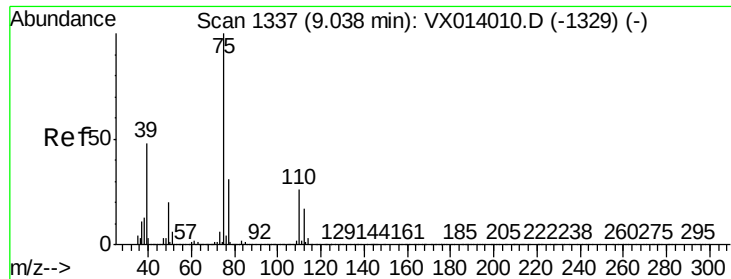
Tgt Ion: 92 Resp: 625315

Ion Ratio Lower Upper

92 100

91 172.6 136.2 204.4





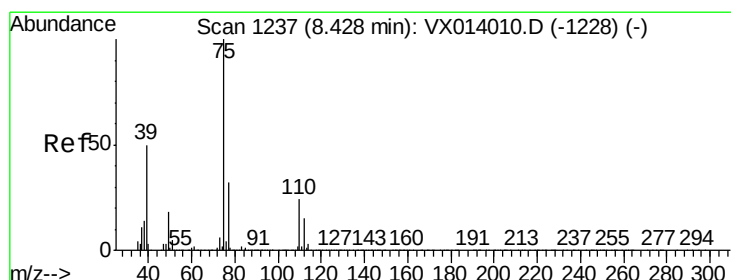
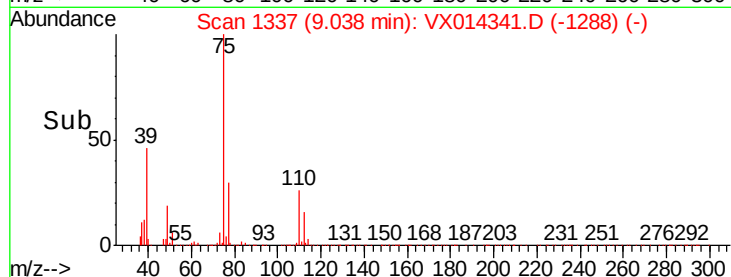
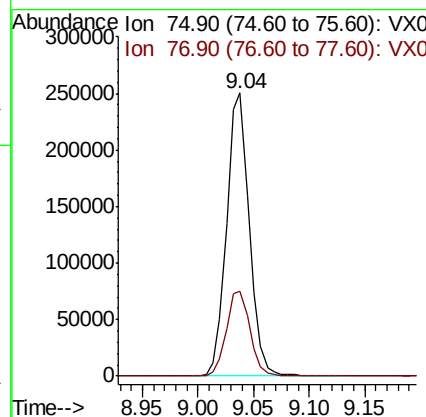
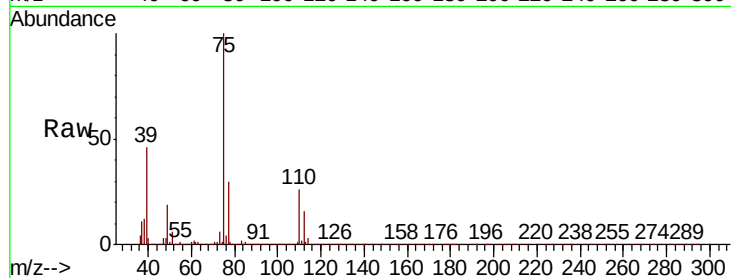
#53
t-1,3-Dichloropropene
Concen: 49.521 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7

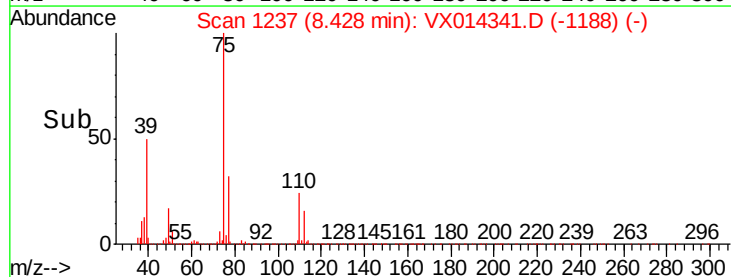
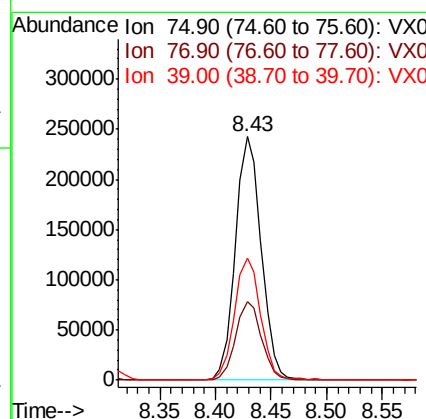
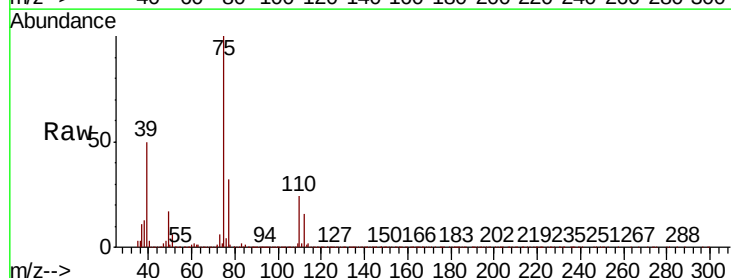
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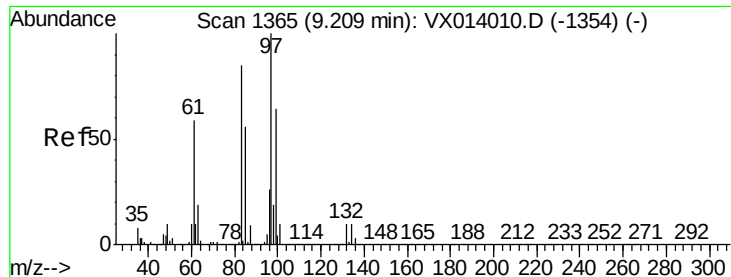
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#54
cis-1,3-Dichloropropene
Concen: 49.123 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
39	49.7	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 50.597 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

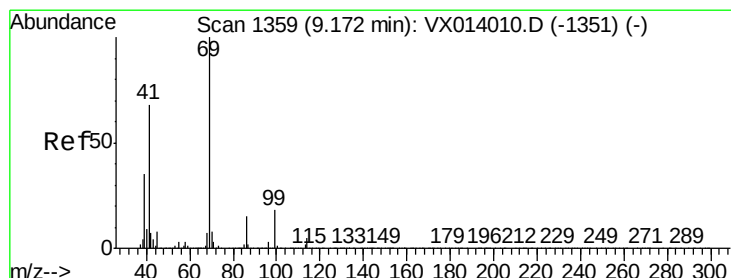
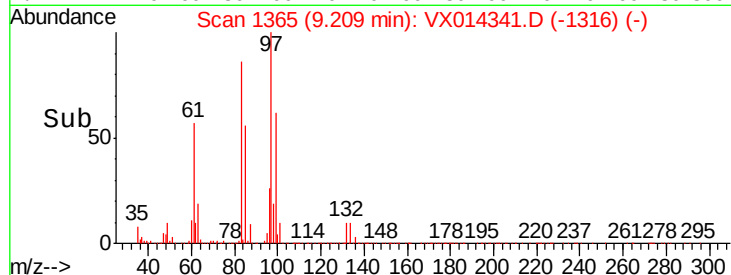
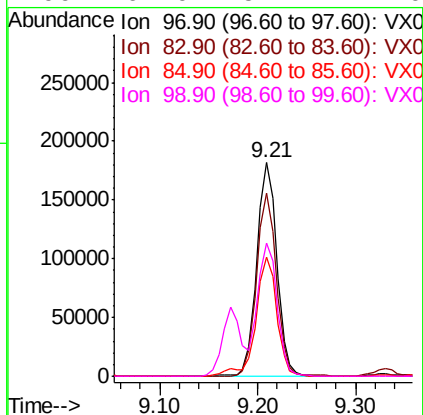
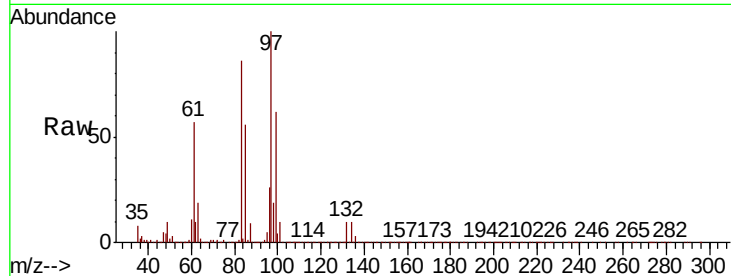
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	260913
Ion Ratio	Lower	Upper	
97	100		
83	85.7	68.2	102.4
85	55.6	44.6	66.8
99	62.0	51.4	77.0

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#56

Ethyl methacrylate

Concen: 51.393 ug/l

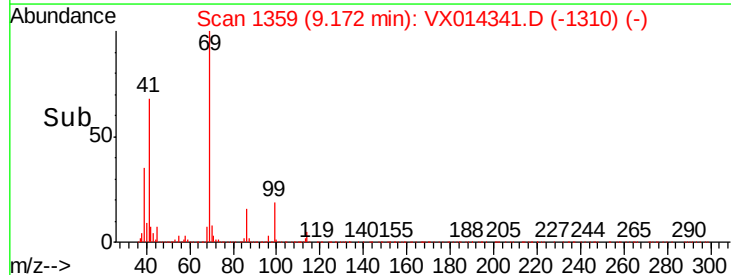
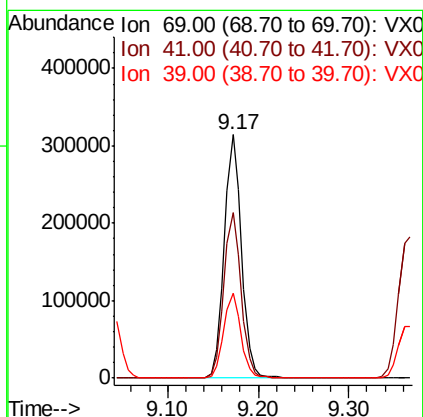
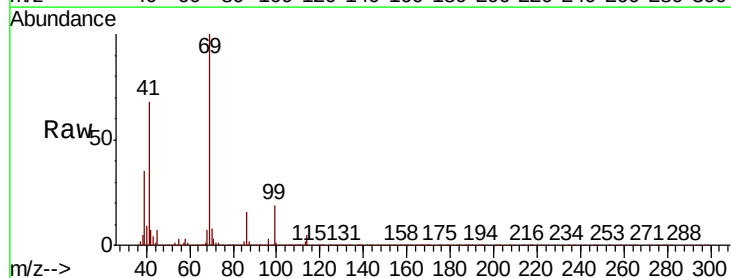
RT: 9.17 min Scan# 1359

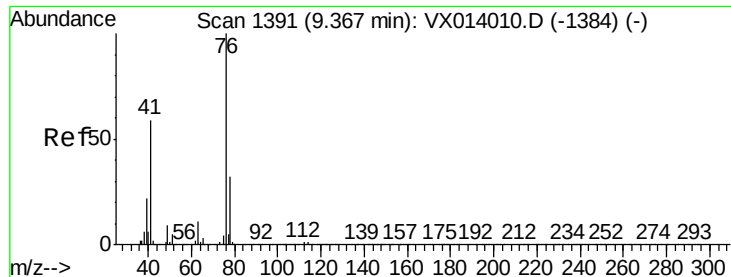
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	69	Resp:	416300
Ion Ratio	Lower	Upper	
69	100		
41	68.1	54.8	82.2
39	35.0	28.3	42.5





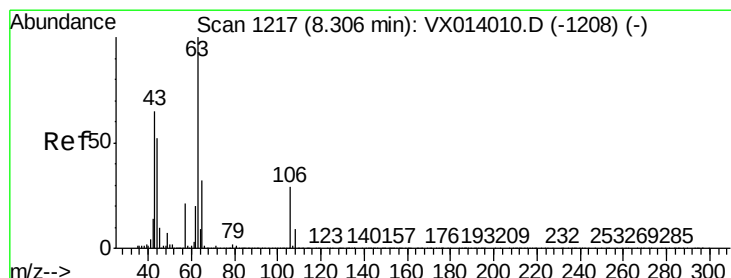
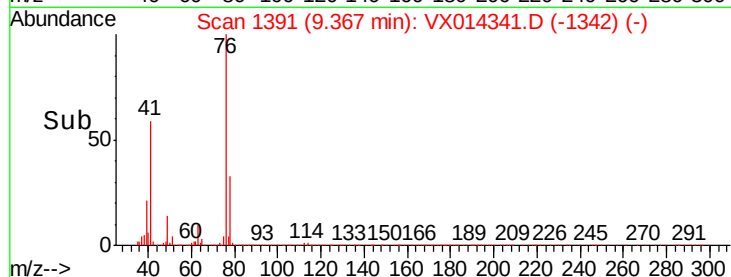
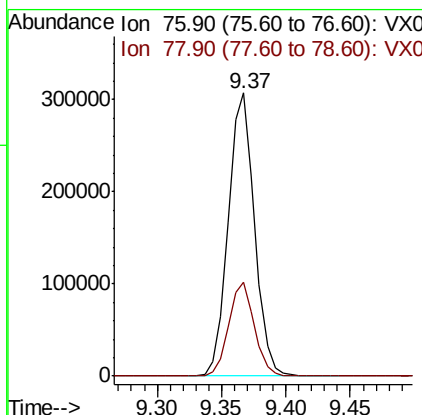
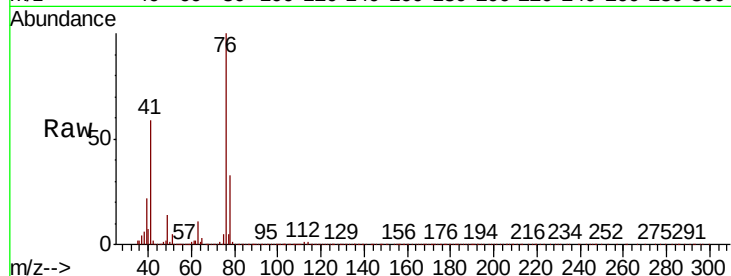
#57
 1,3-Dichloropropane
 Concen: 50.652 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

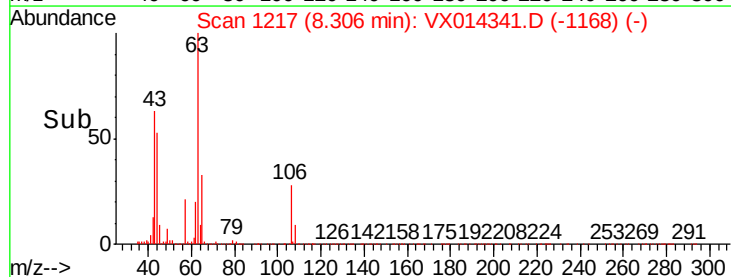
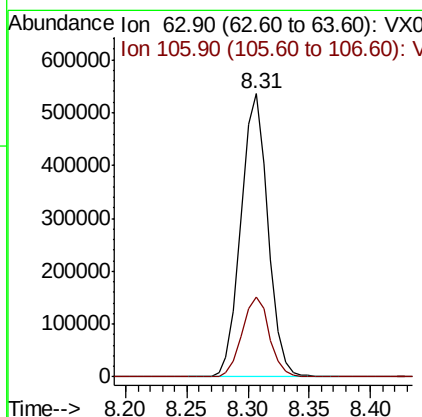
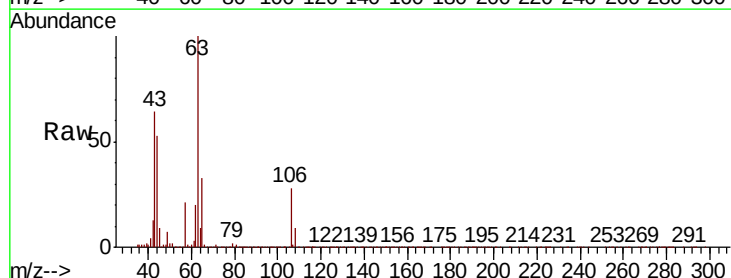
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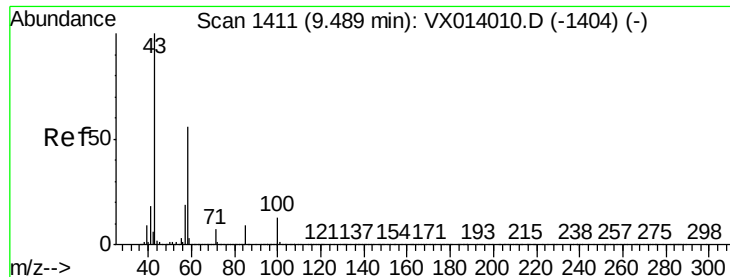
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.031 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.0	34.6





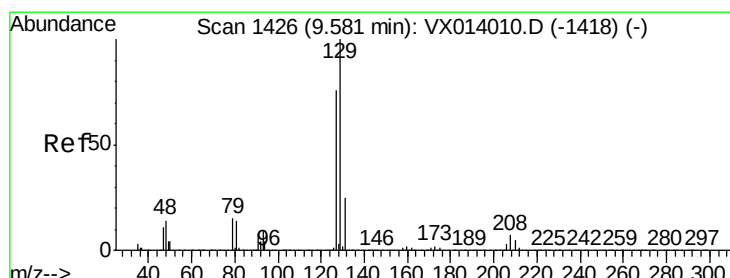
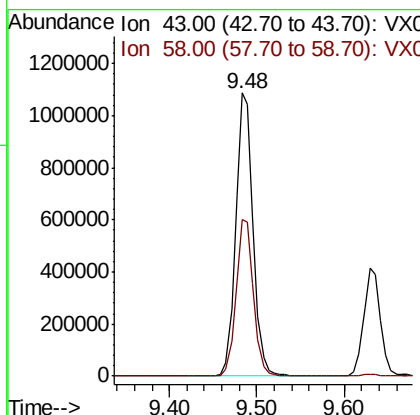
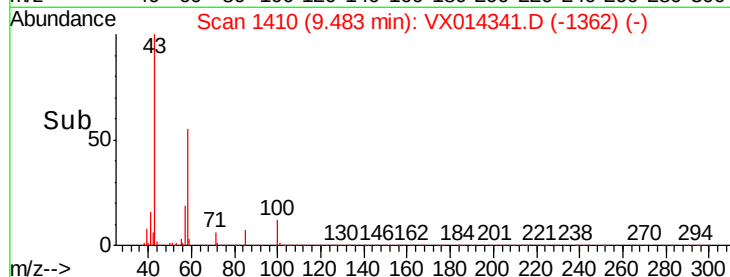
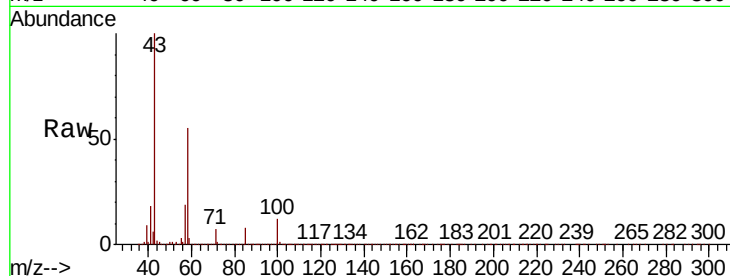
#59
2-Hexanone
Concen: 245.808 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1502480
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0

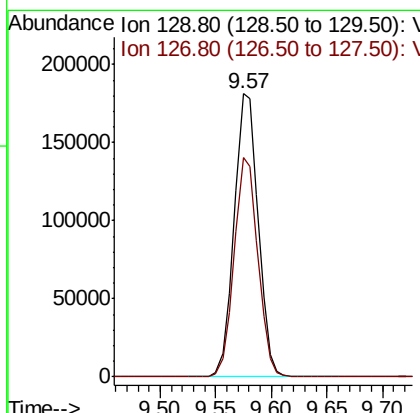
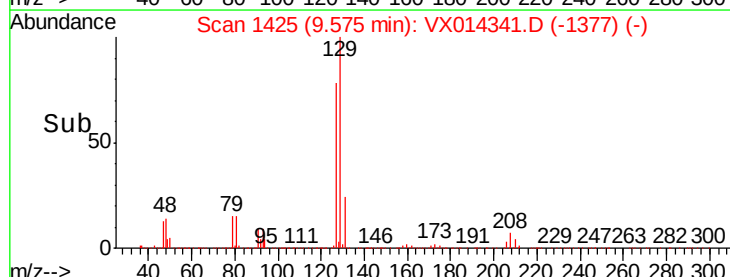
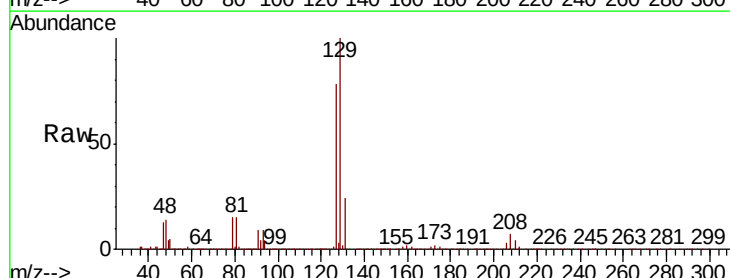
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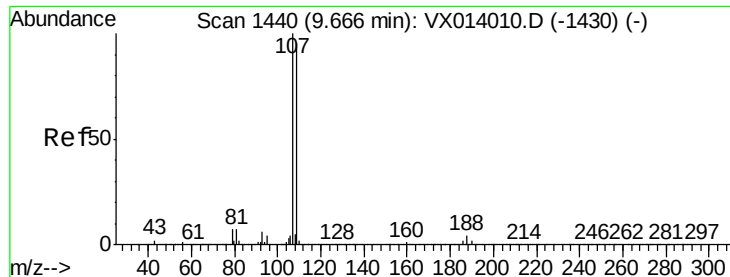
apatel
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#60
Dibromochloromethane
Concen: 52.779 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion: 129 Resp: 270535
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.774 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tot Ion: 107 Resp: 267891

Ion Ratio Lower Upper

107 100

109 93.3 75.7 113.5

Instrument :

MSVOA_X

ClientSampleId :

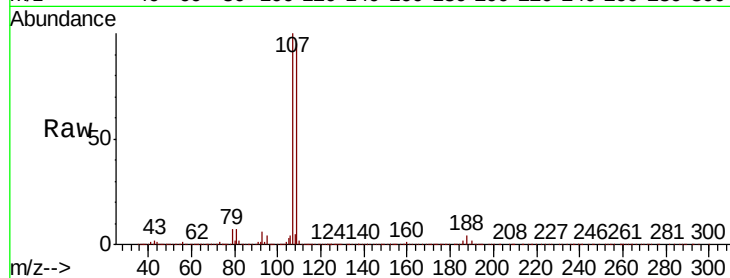
VSTDCCC050EC

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

150000

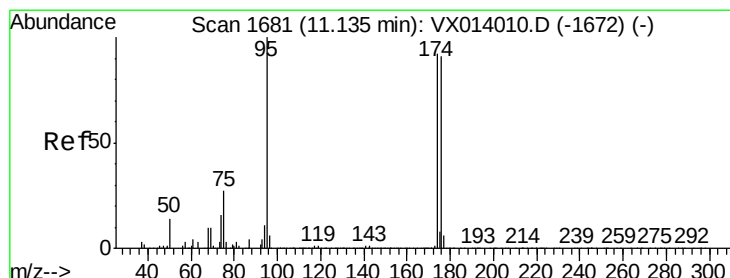
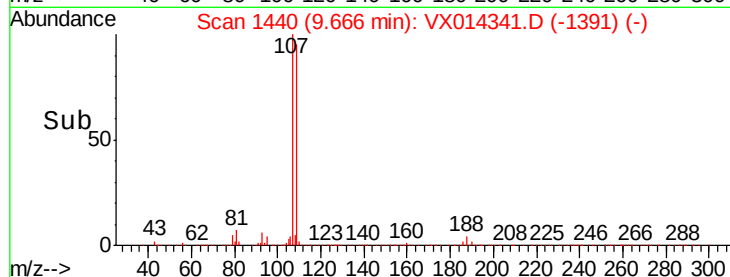
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.562 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

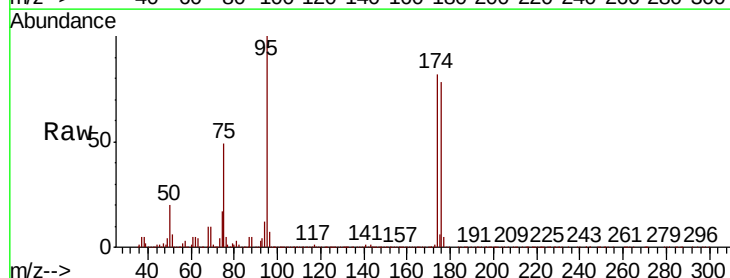
Tgt Ion: 95 Resp: 309151

Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.8

176 86.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

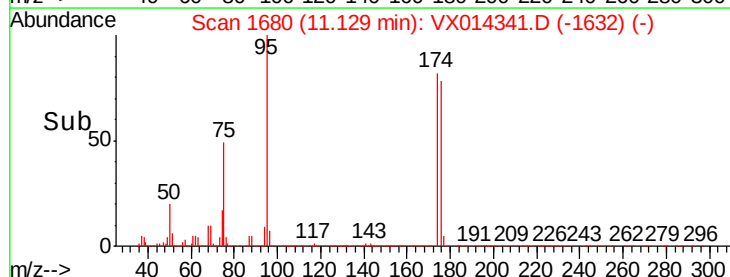
100000

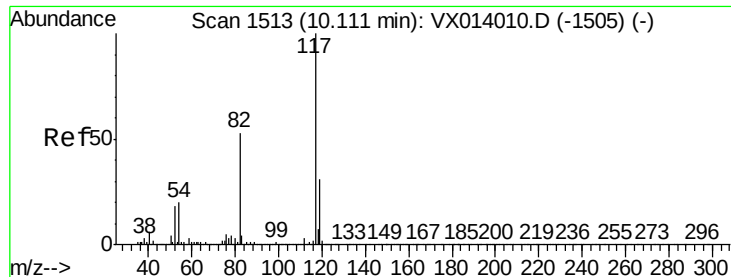
50000

0

11.10 11.13 11.20

Time-->





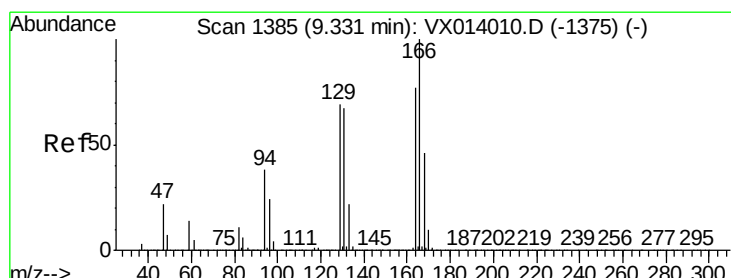
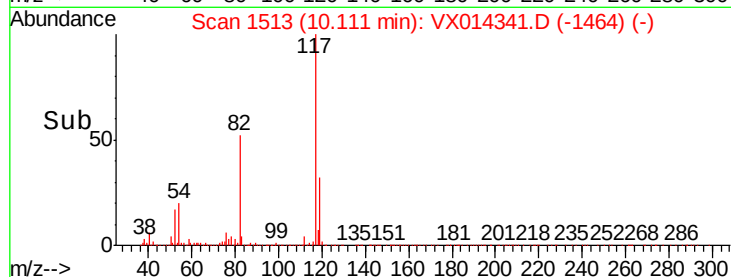
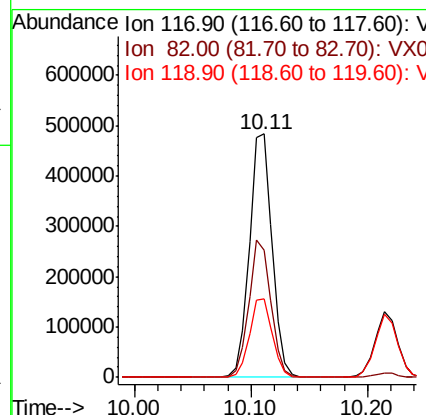
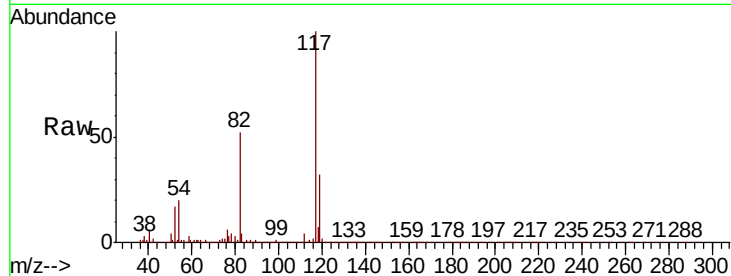
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	32.0	25.1	37.7

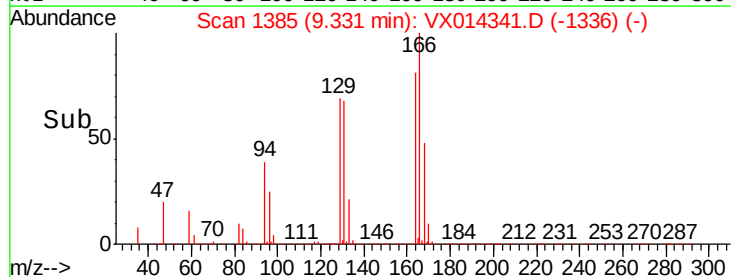
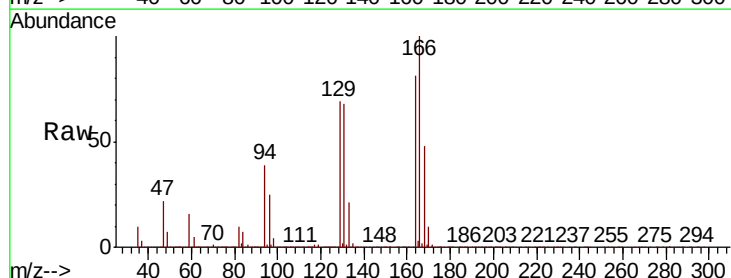
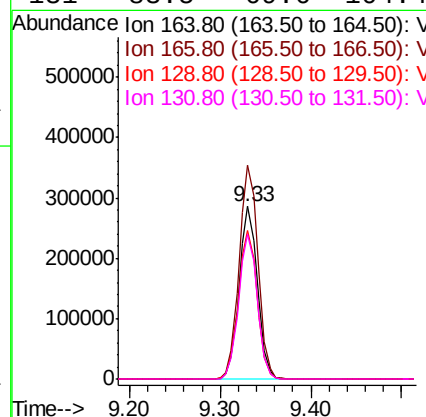
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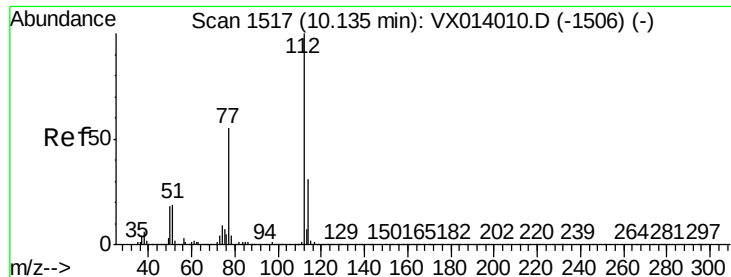
apatel
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#64
Tetrachloroethene
Concen: 68.751 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	104.0	156.0
129	85.9	72.2	108.4
131	83.5	69.6	104.4





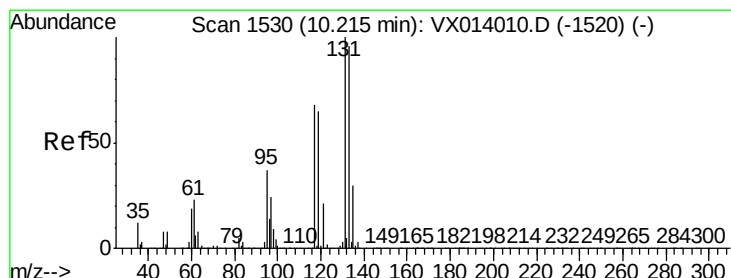
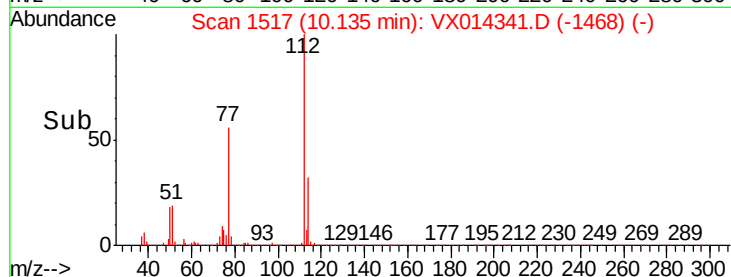
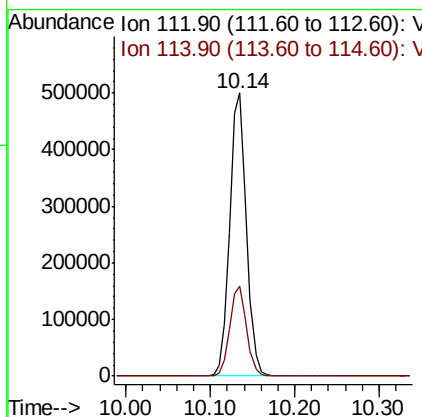
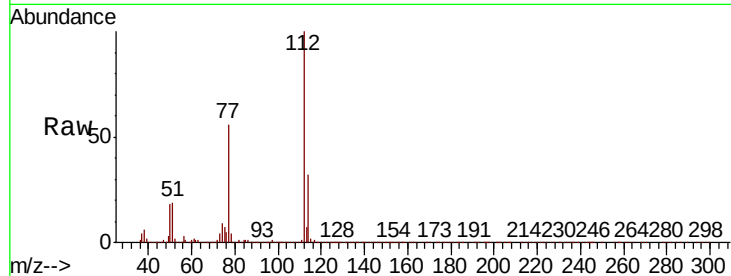
#65
Chlorobenzene
Concen: 48.407 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.9	37.3

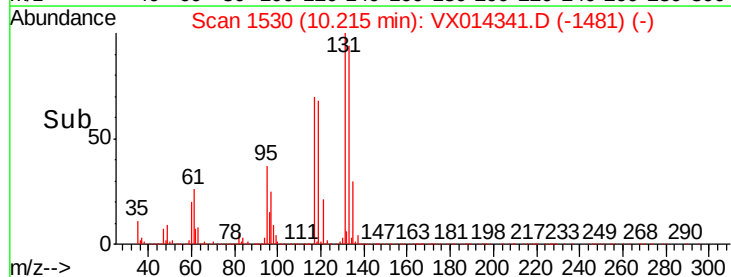
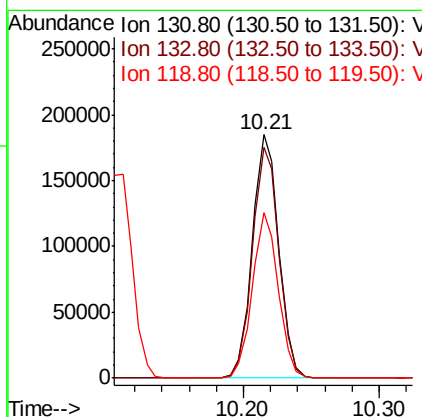
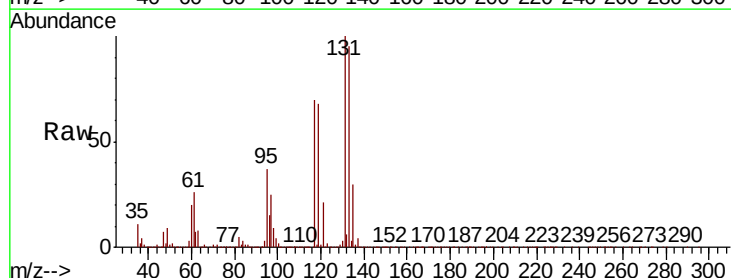
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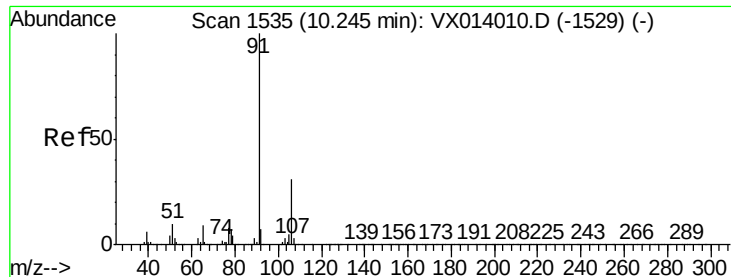
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.395 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.0	144.0
119	67.0	33.4	100.2





#67

Ethyl Benzene

Concen: 49.366 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1187621

Ion Ratio Lower Upper

91 100

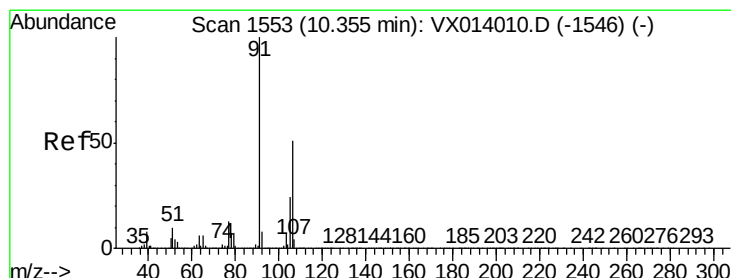
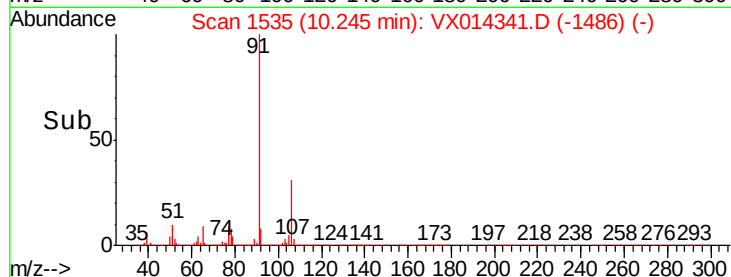
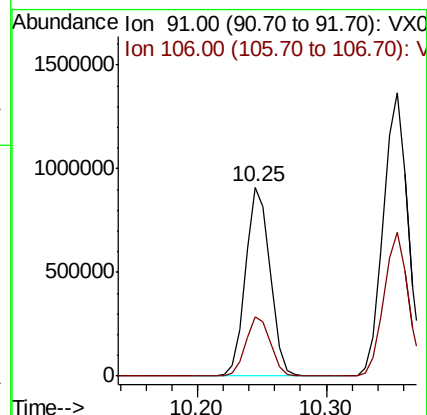
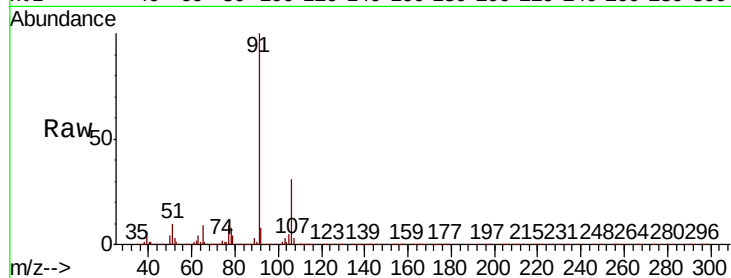
106 31.3 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 97.422 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014341.D

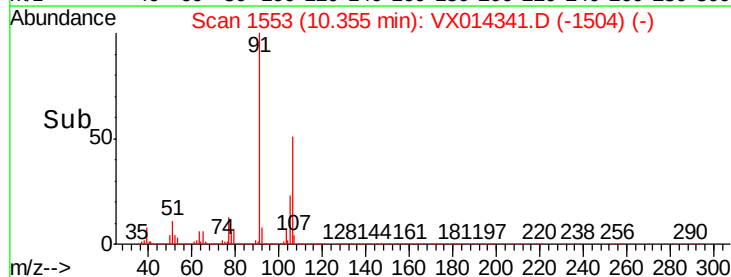
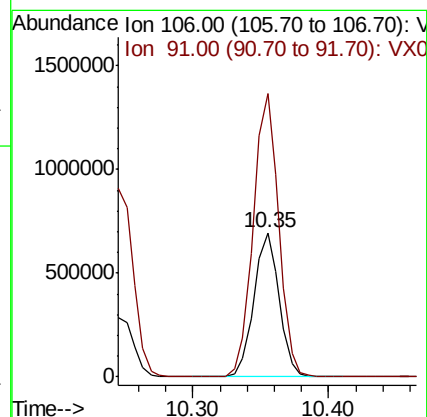
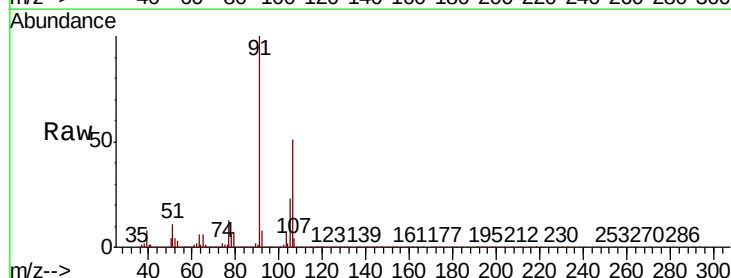
Acq: 28 Dec 2019 04:56

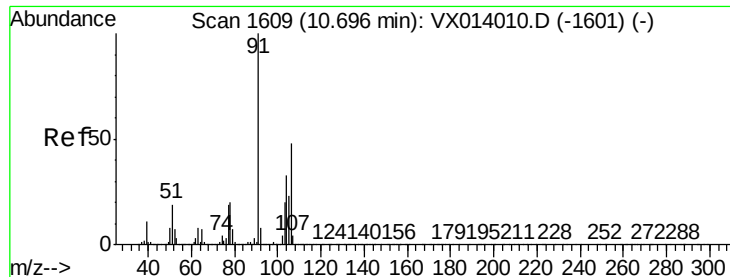
Tgt Ion: 106 Resp: 901422

Ion Ratio Lower Upper

106 100

91 199.2 158.6 238.0





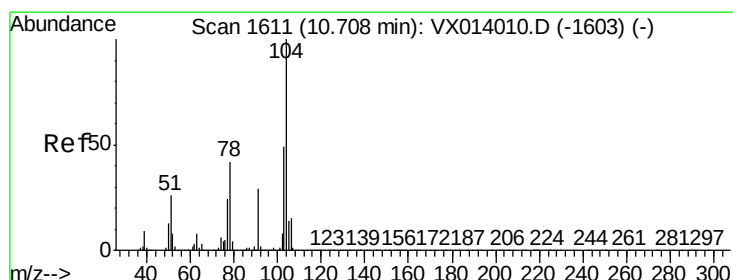
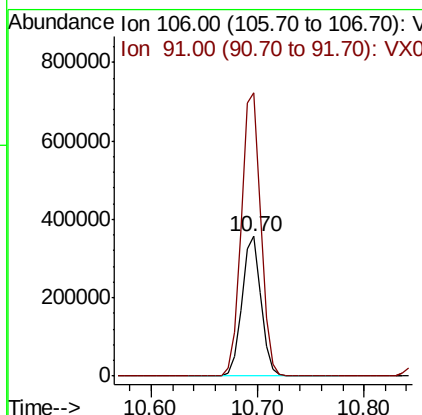
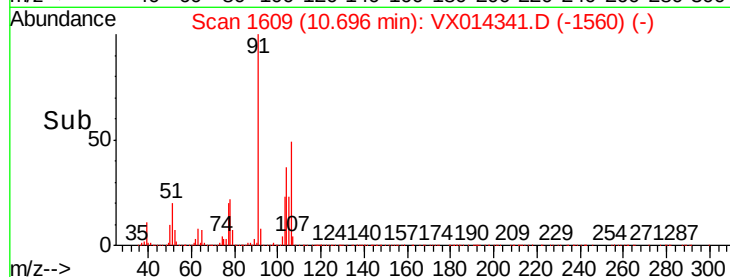
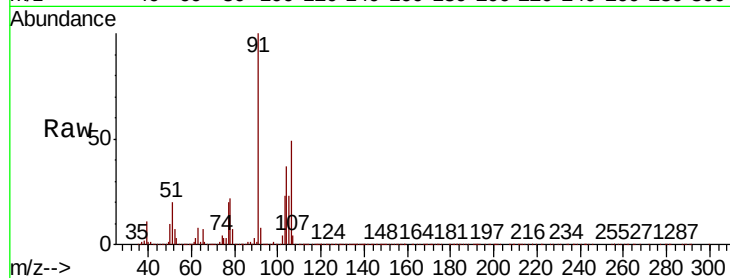
#69
o-Xylene
Concen: 49.216 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.5	104.2	312.6

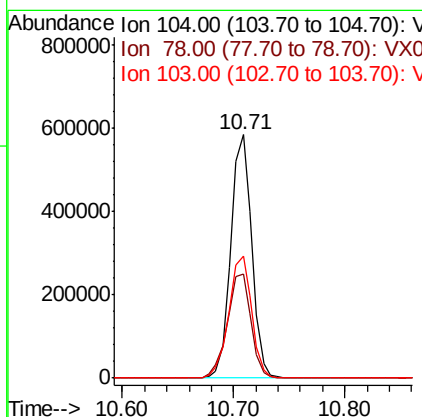
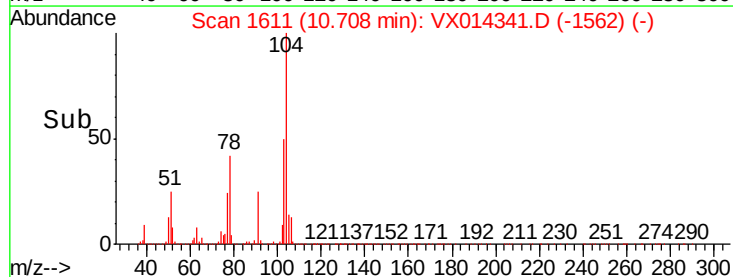
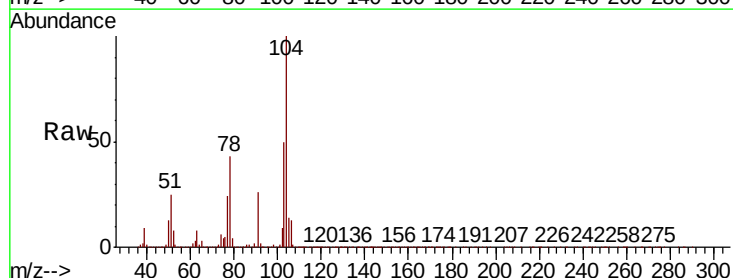
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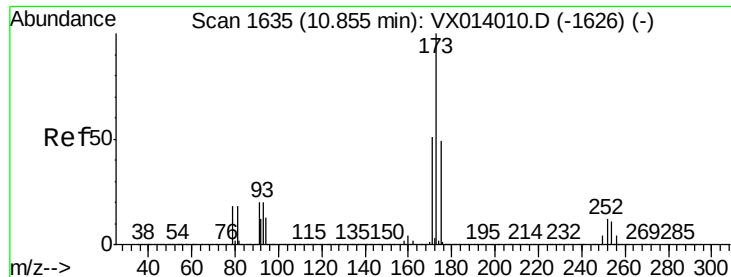
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#70
Styrene
Concen: 49.514 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.7	42.9	64.3





#71

Bromoform

Concen: 51.059 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

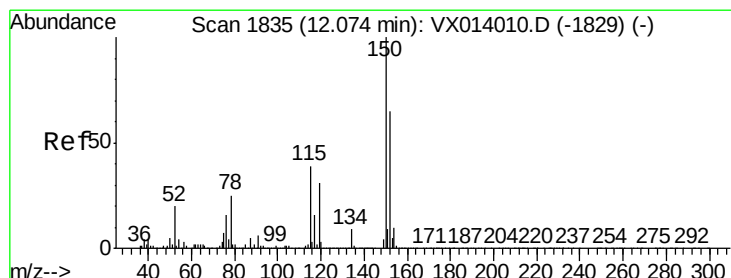
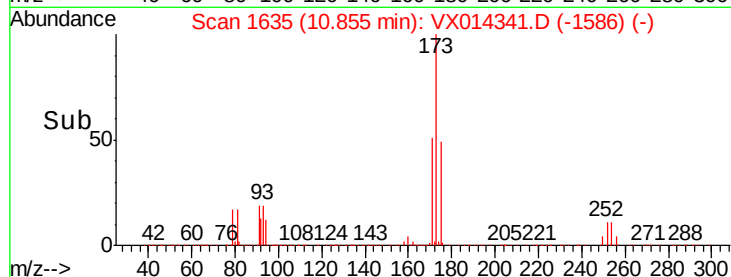
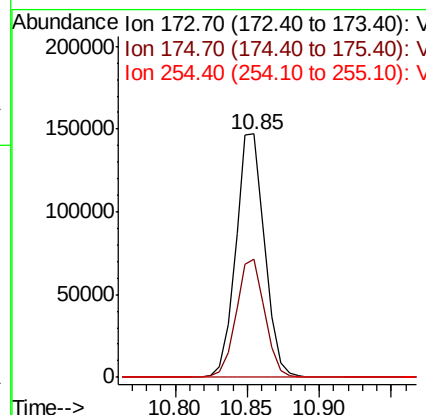
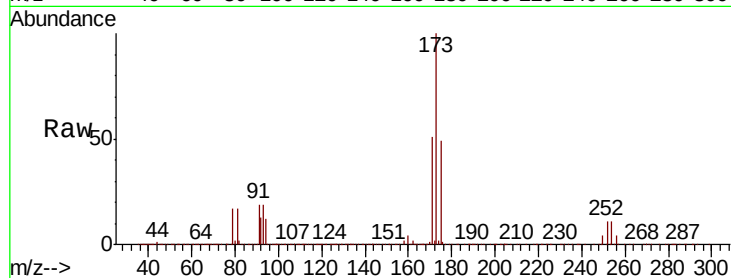
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	205064
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.4	73.4
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

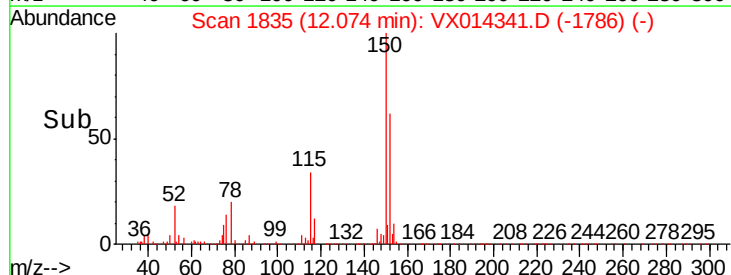
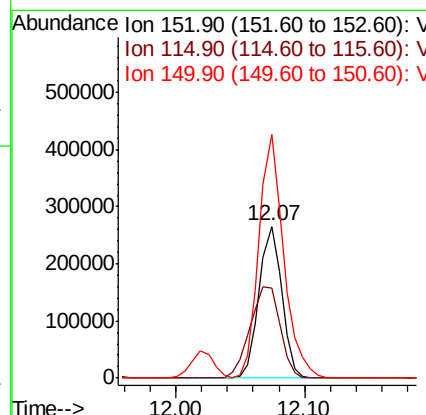
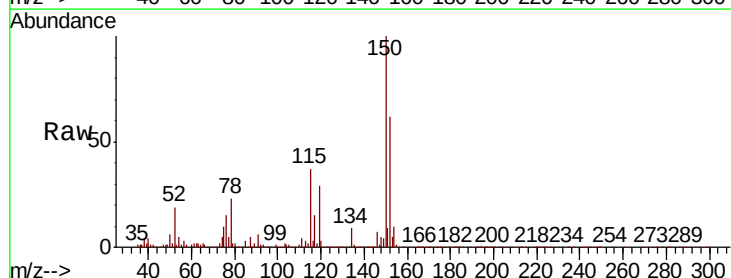
RT: 12.07 min Scan# 1835

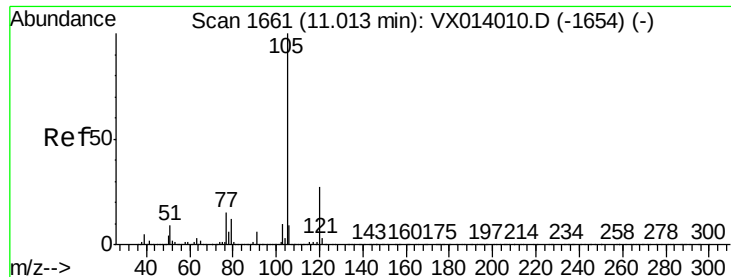
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	152	Resp:	320918
Ion Ratio	Lower	Upper	
152	100		
115	79.6	38.3	114.9
150	175.3	0.0	345.4





#73

Isopropylbenzene

Concen: 51.629 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1166558

Ion Ratio Lower Upper

105 100

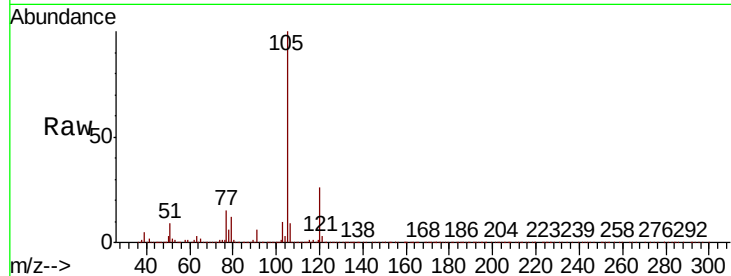
120 27.0 13.5 40.4

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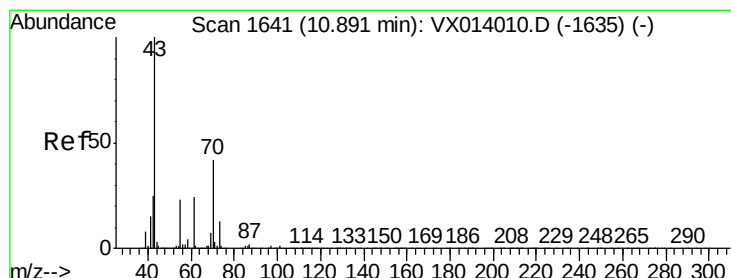
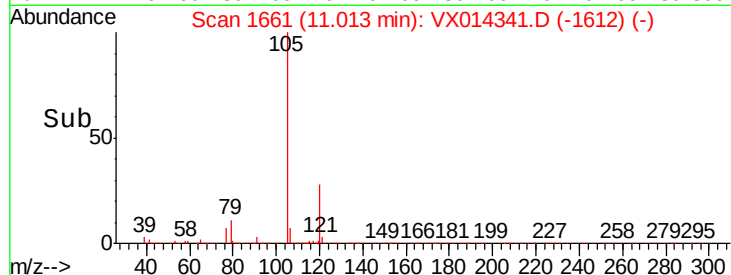
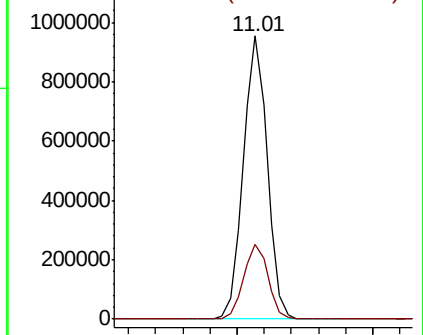
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.248 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion: 43 Resp: 542781

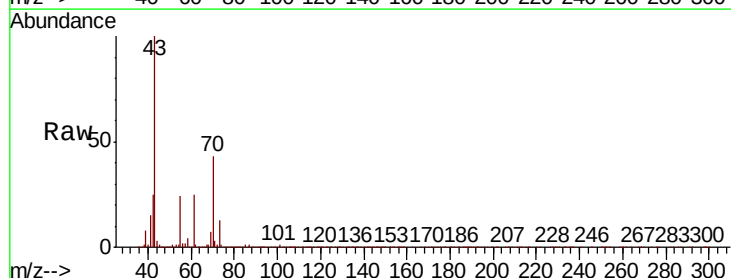
Ion Ratio Lower Upper

43 100

70 43.5 34.4 51.6

55 24.0 19.1 28.7

61 24.9 19.7 29.5

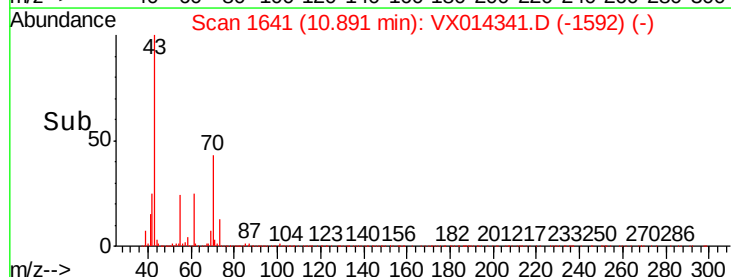
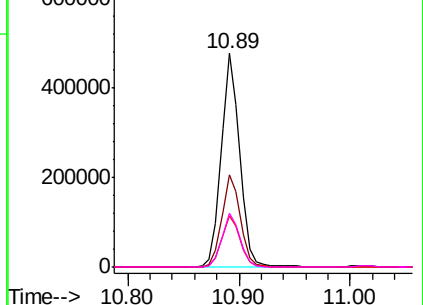


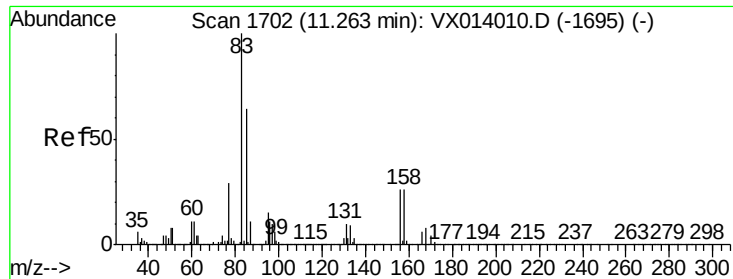
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.782 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 342968

Ion Ratio Lower Upper

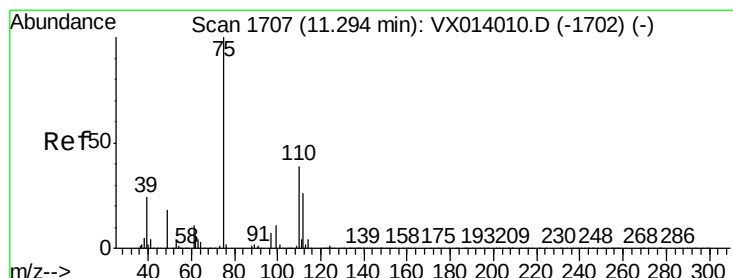
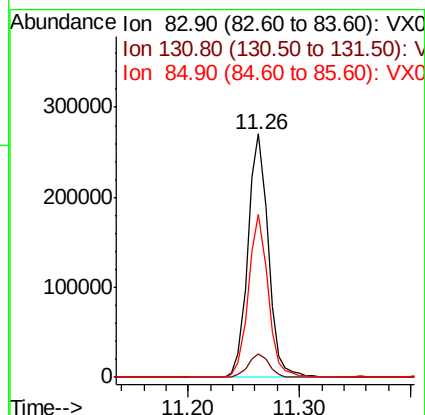
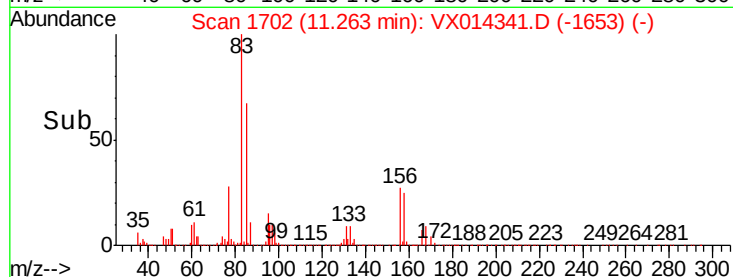
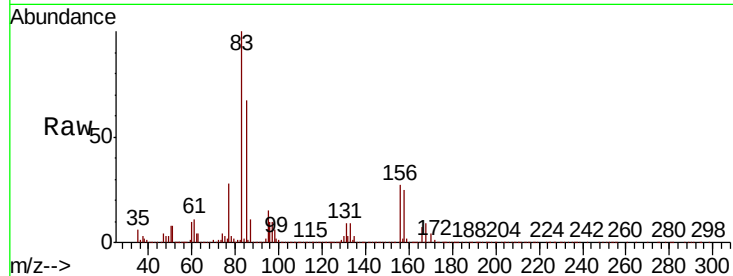
83 100

131 9.7 5.1 15.2

85 64.8 31.9 95.7

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#76

1,2,3-Trichloropropane

Concen: 45.826 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014341.D

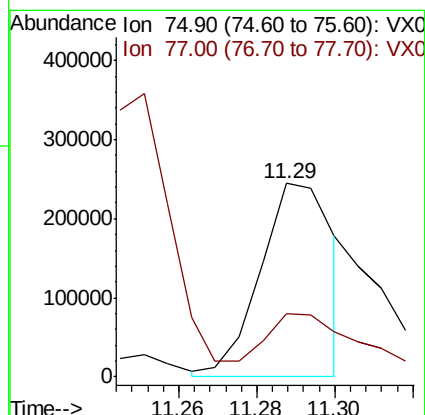
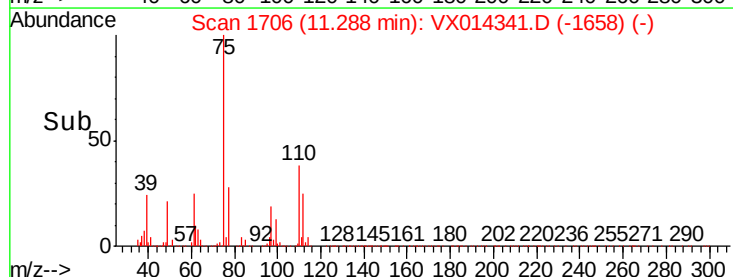
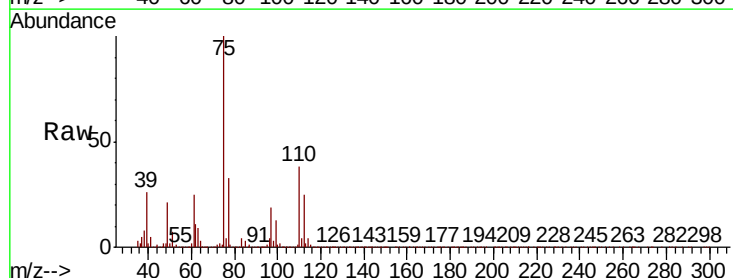
Acq: 28 Dec 2019 04:56

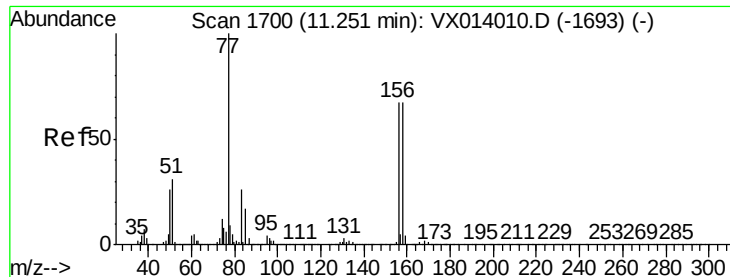
Tgt Ion: 75 Resp: 319272

Ion Ratio Lower Upper

75 100

77 42.3 19.3 57.8





#77

Bromobenzene

Concen: 48.670 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

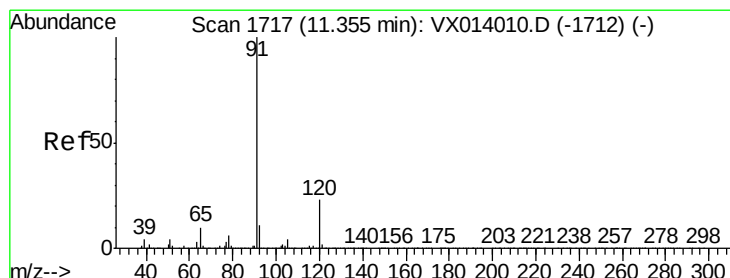
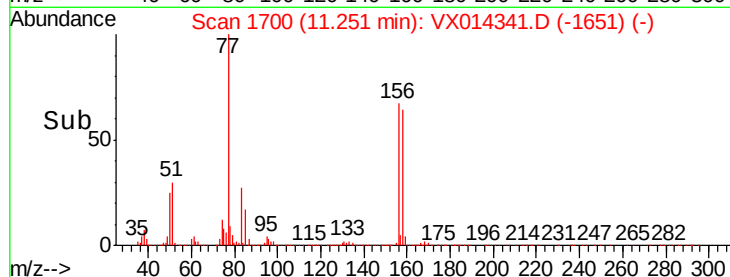
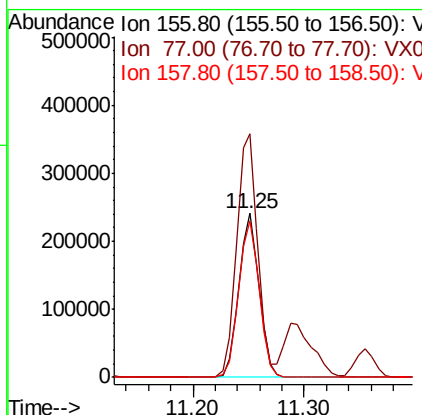
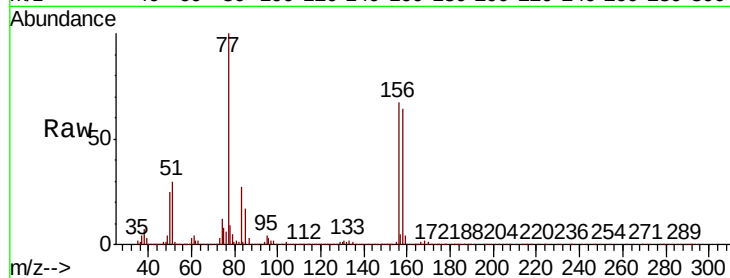
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	302566
Ion Ratio	Lower	Upper	
156	100		
77	152.2	76.5	229.5
158	96.7	49.3	147.9

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#78

n-propylbenzene

Concen: 51.693 ug/l

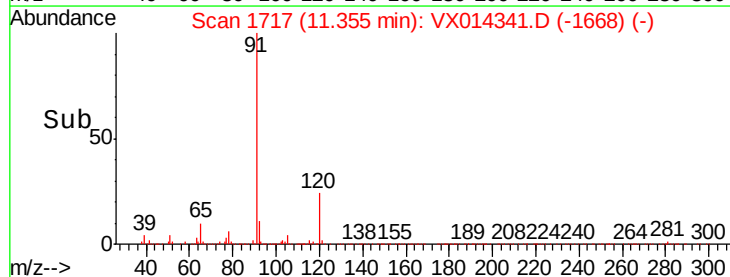
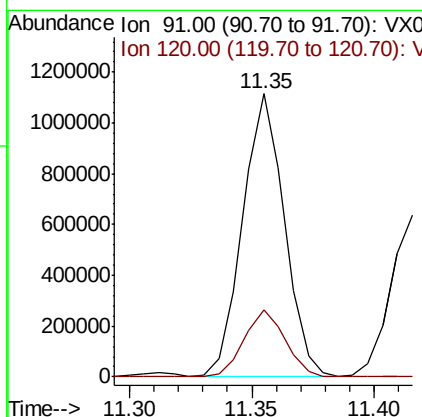
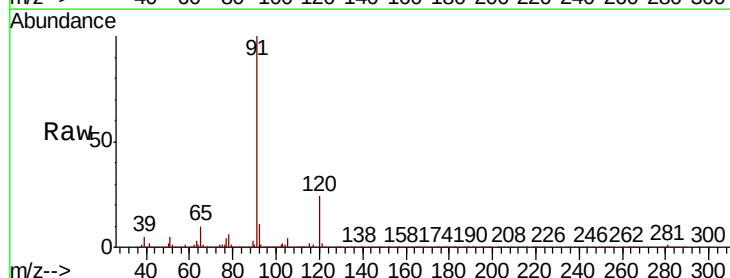
RT: 11.35 min Scan# 1717

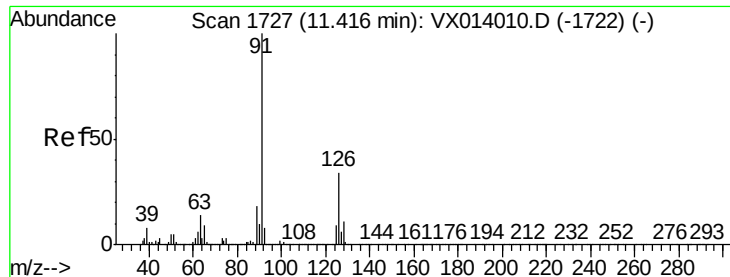
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	91	Resp:	1310133
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 50.750 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 781864

Ion Ratio Lower Upper

91 100

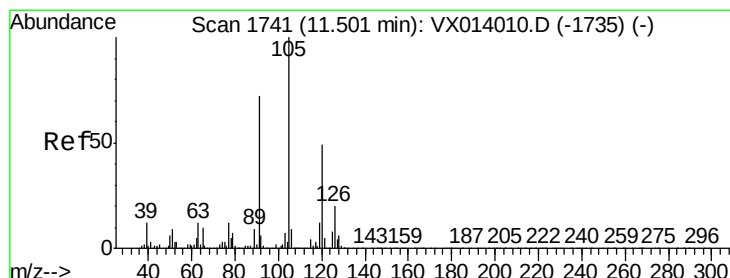
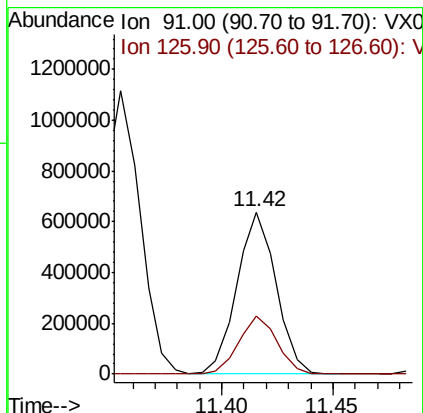
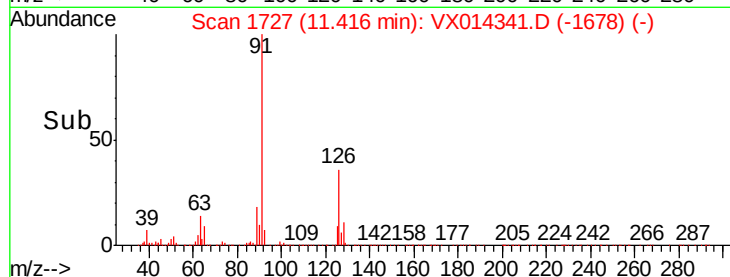
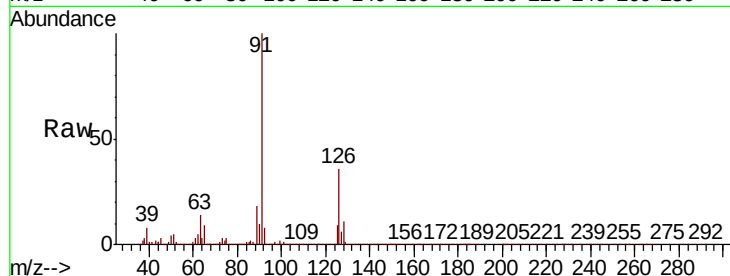
126 35.0 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.633 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014341.D

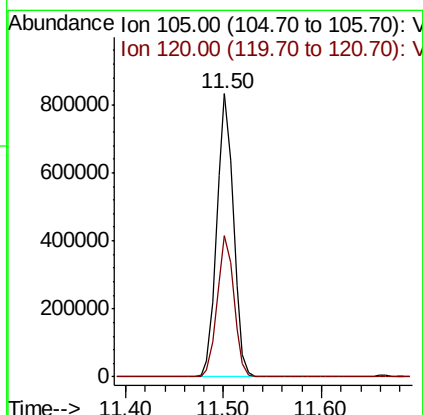
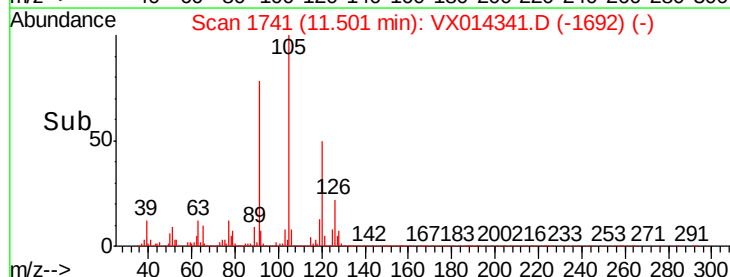
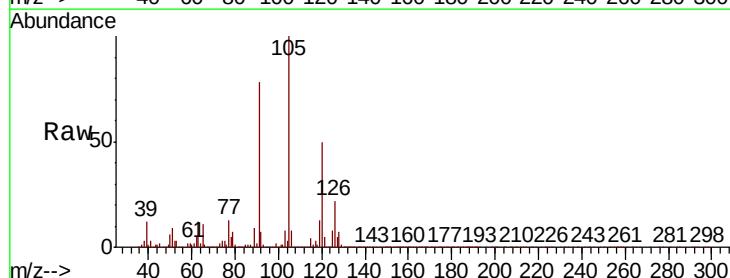
Acq: 28 Dec 2019 04:56

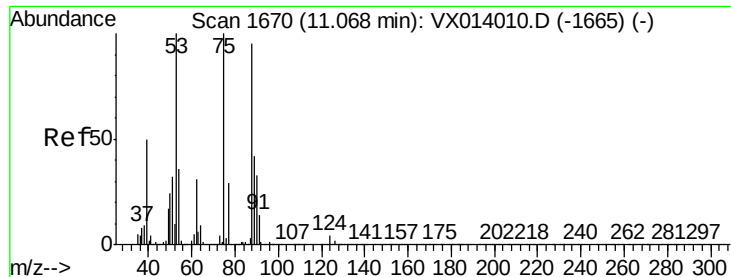
Tgt Ion: 105 Resp: 981861

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.066 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

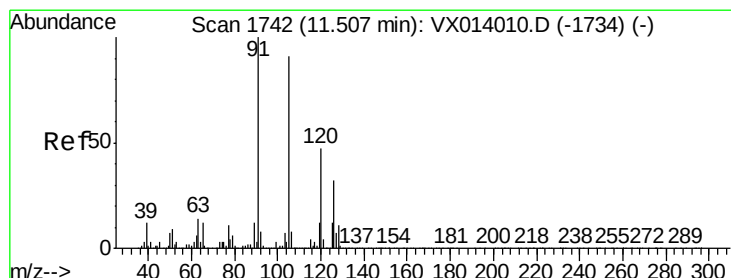
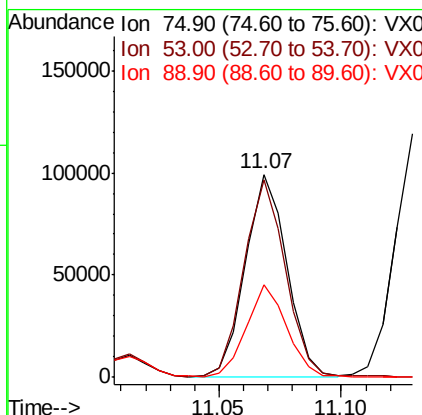
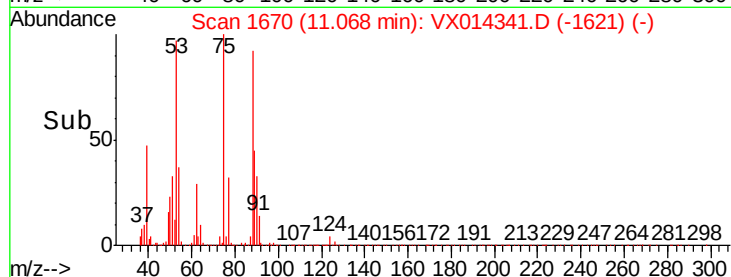
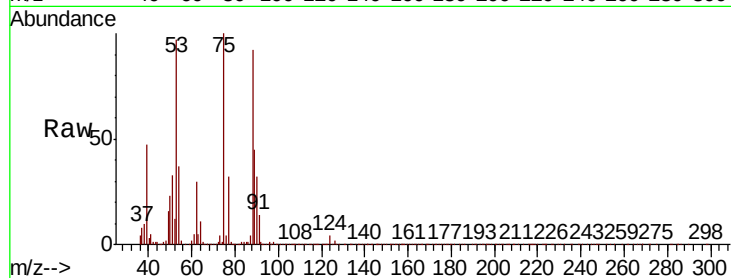
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	116176
Ion	Ratio	Lower	Upper
75	100		
53	98.5	76.7	115.1
89	45.0	34.6	51.8

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#82

4-Chlorotoluene

Concen: 50.367 ug/l

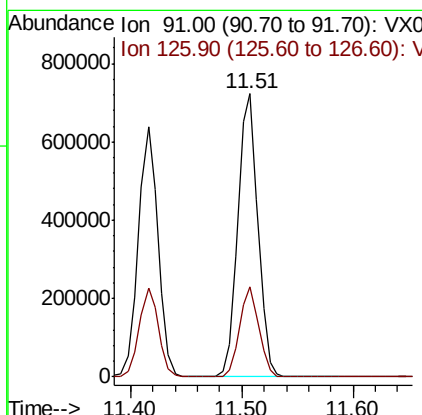
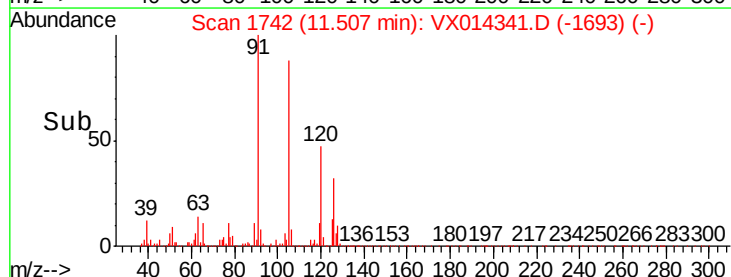
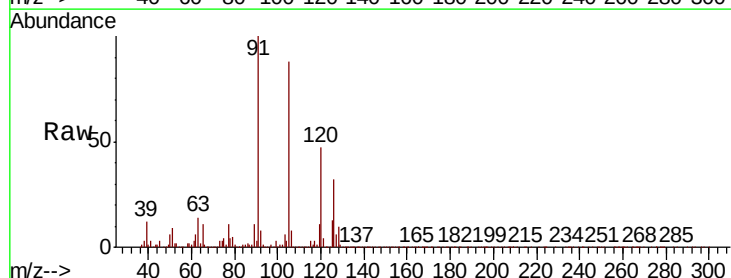
RT: 11.51 min Scan# 1742

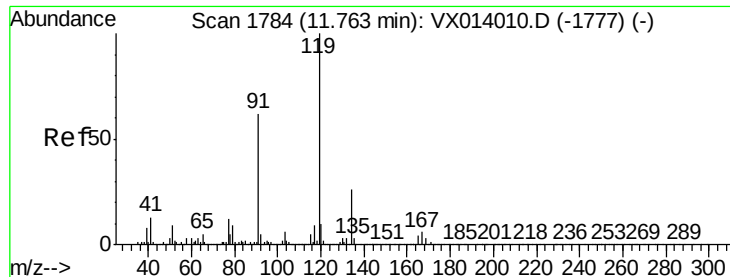
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion:	91	Resp:	900094
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





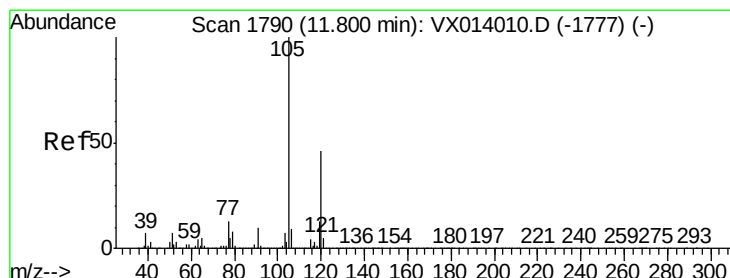
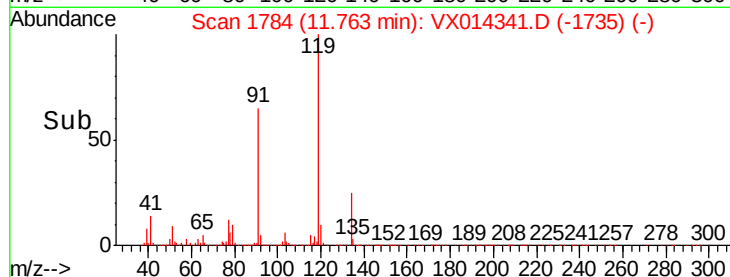
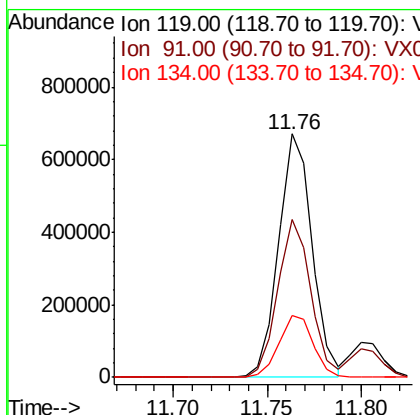
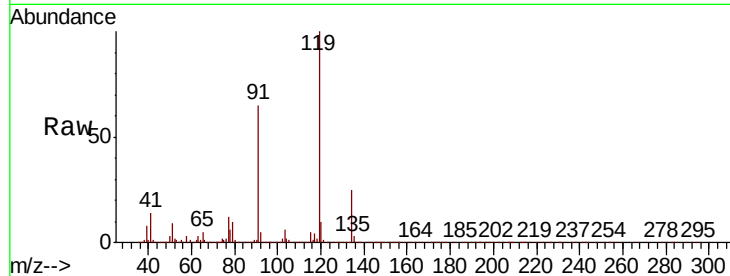
#83
 tert-Butylbenzene
 Concen: 44.616 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	825655		
91	64.2	28.5	85.6	
134	25.7	12.2	36.6	

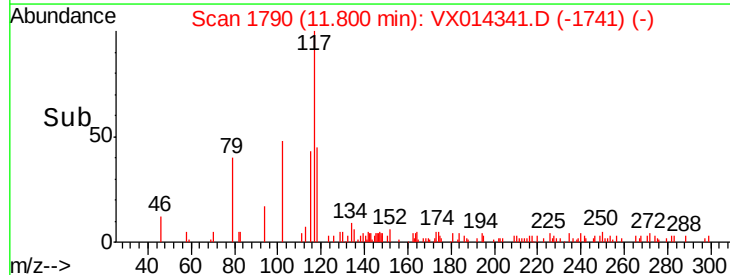
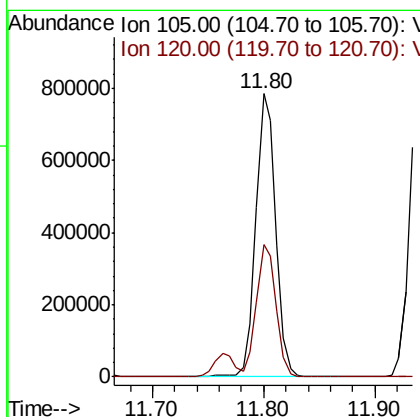
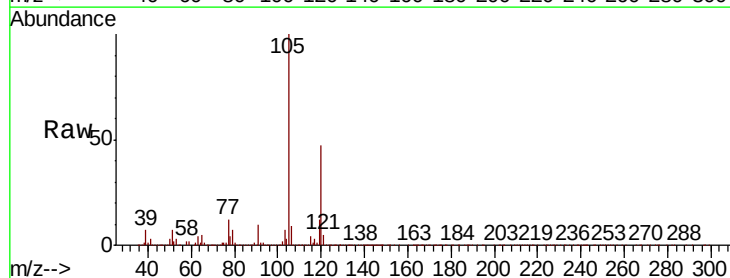
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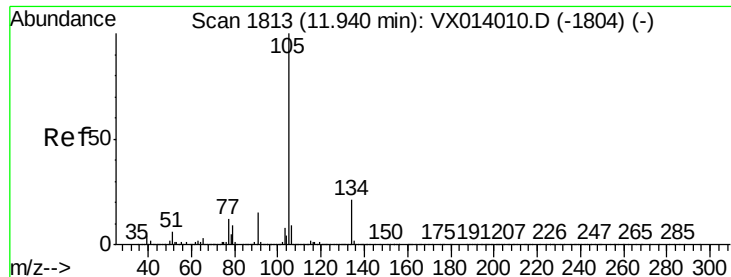
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.989 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	971015		
120	46.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 51.634 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1128025

Ion Ratio Lower Upper

105 100

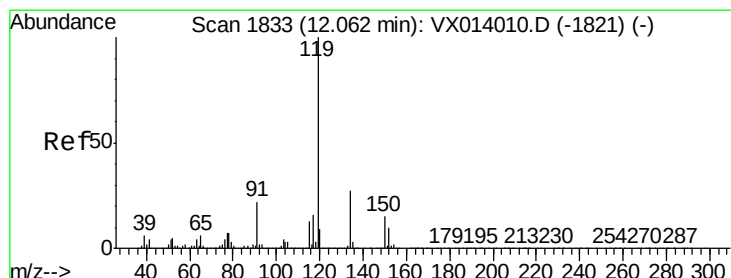
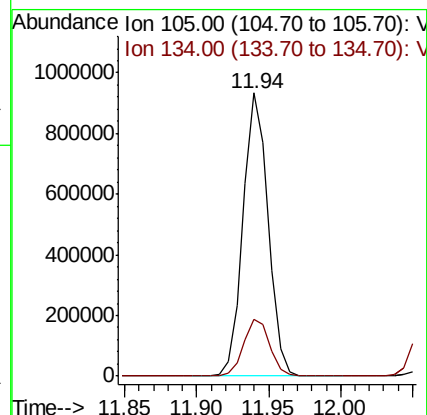
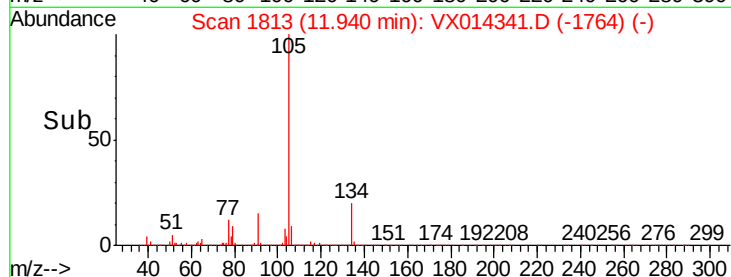
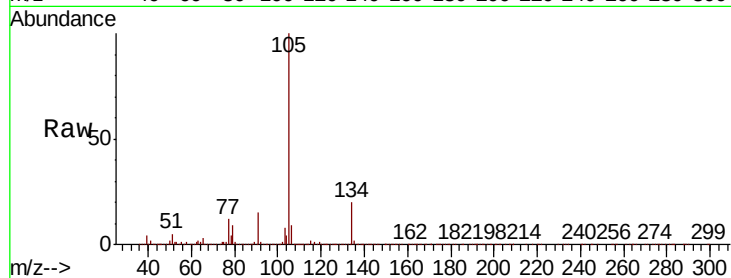
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.081 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

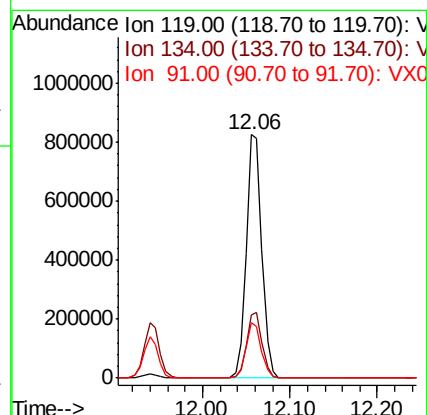
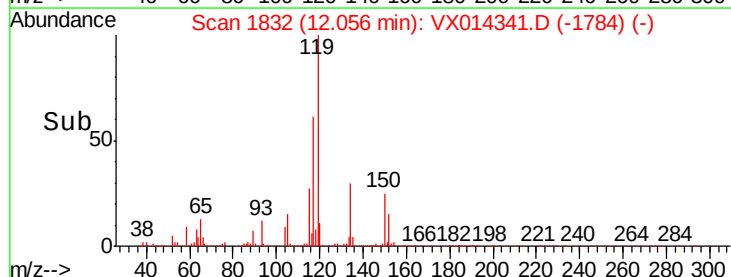
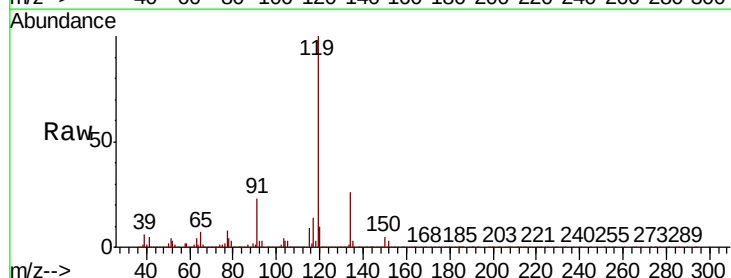
Tgt Ion:119 Resp: 1020789

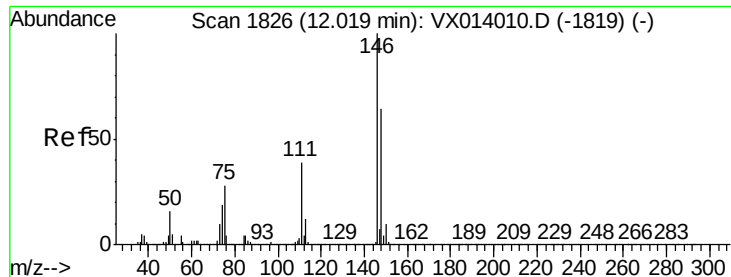
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.678 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014341.D

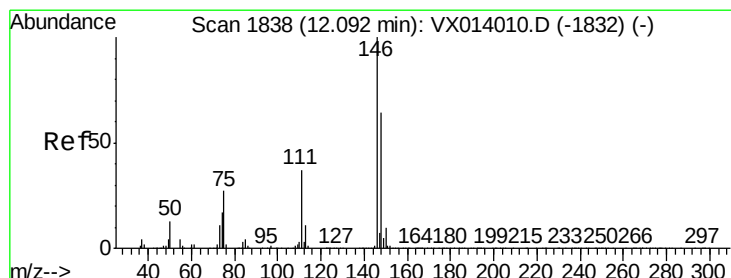
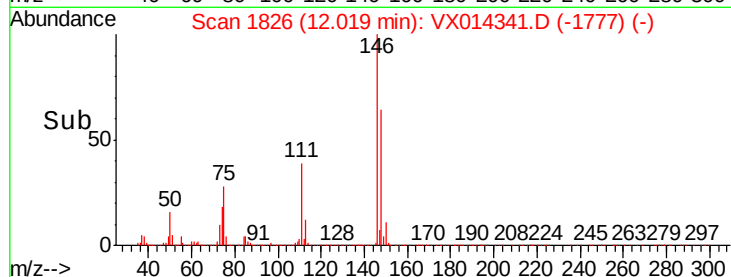
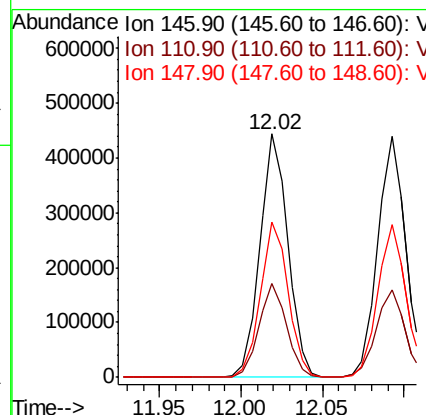
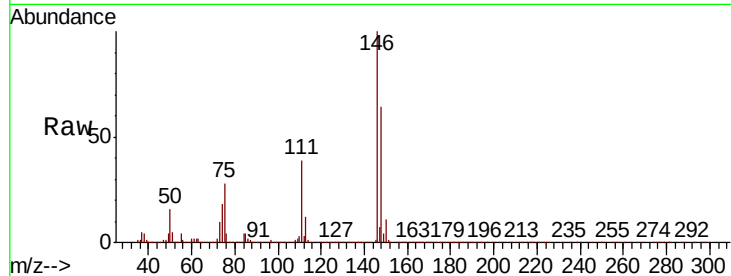
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	63.5	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 47.365 ug/l

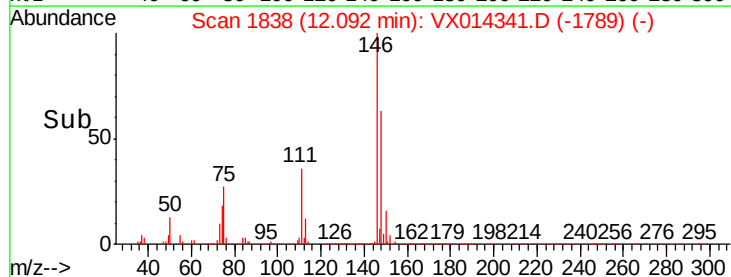
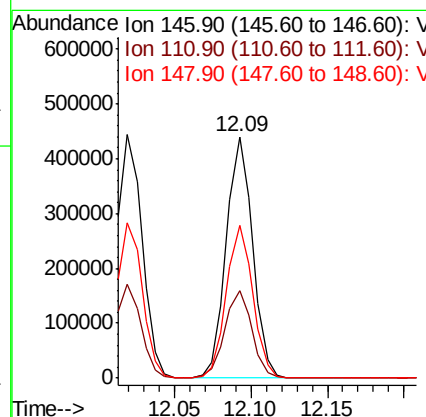
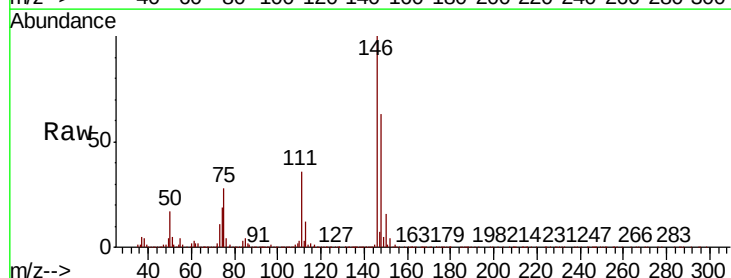
RT: 12.09 min Scan# 1838

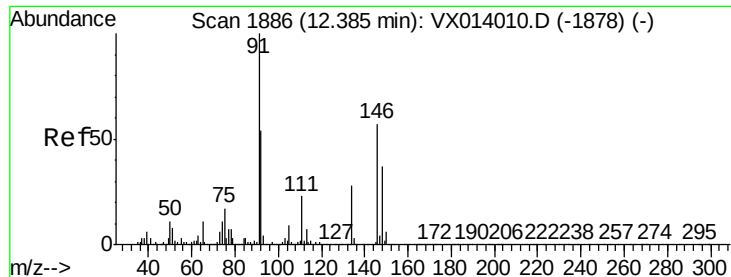
Delta R.T. 0.00 min

Lab File: VX014341.D

Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	63.6	31.9	95.9





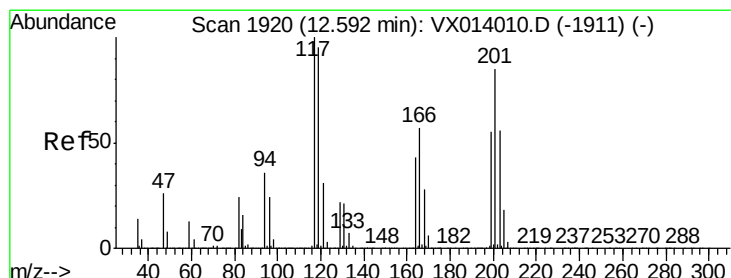
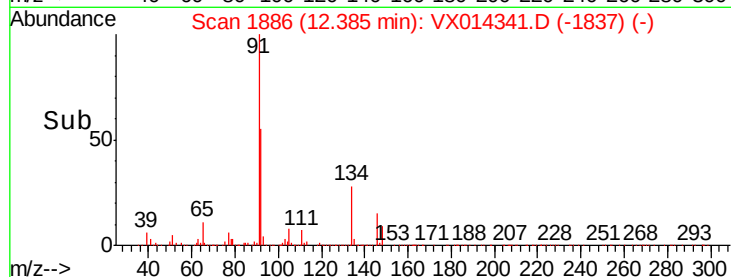
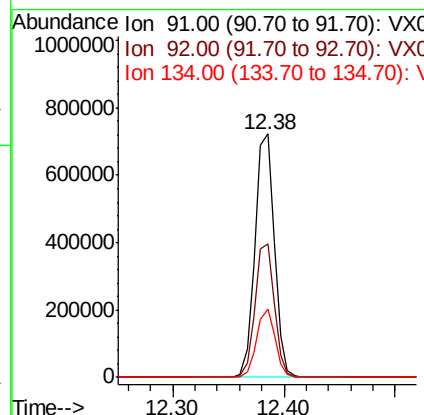
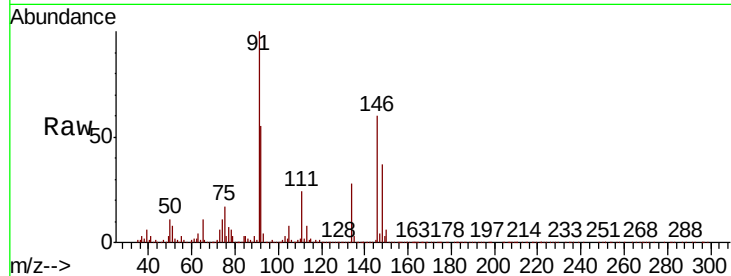
#89
n-Butylbenzene
Concen: 51.258 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	26.9	13.4	40.1

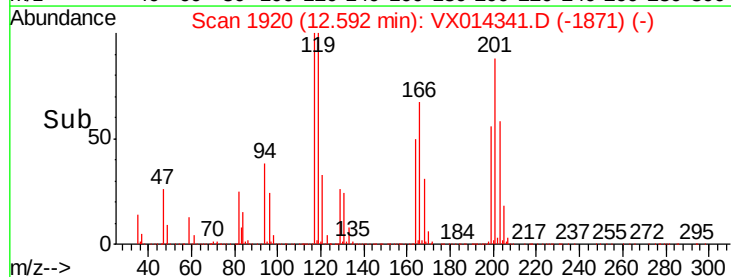
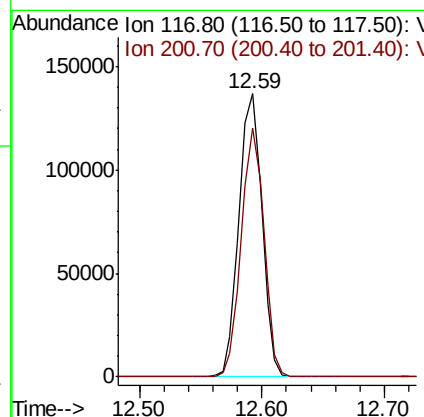
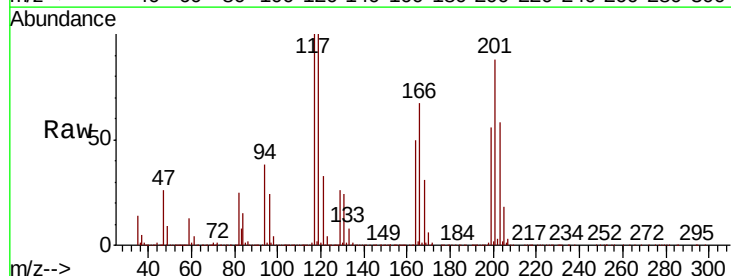
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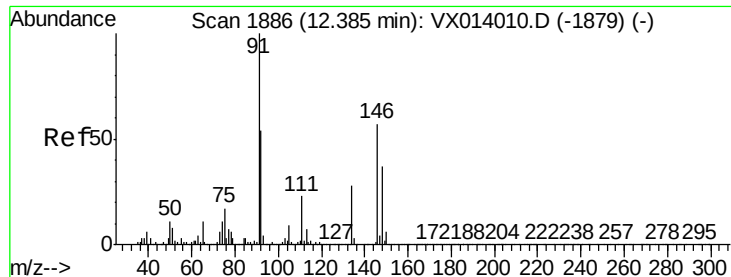
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#90
Hexachloroethane
Concen: 49.627 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	43.1	129.3





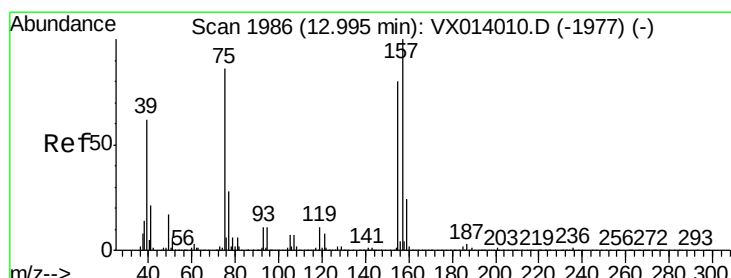
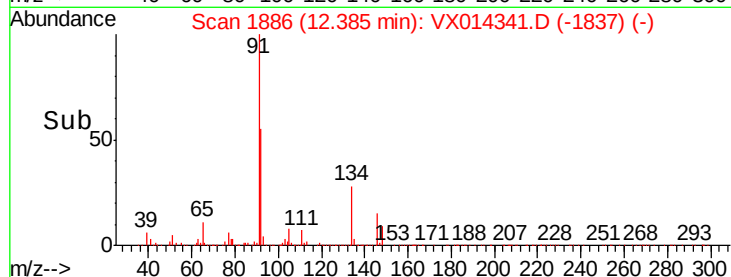
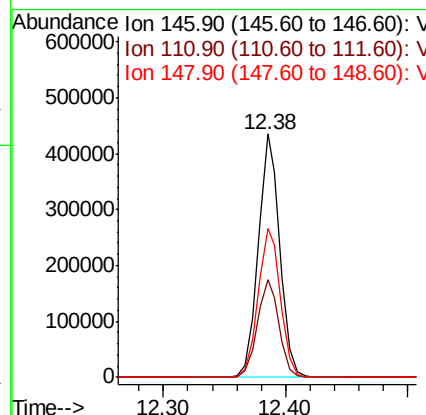
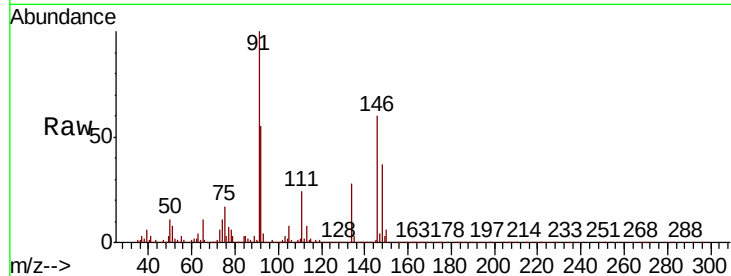
#91
 1,2-Dichlorobenzene
 Concen: 48.546 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.1
148	63.8	32.1	96.5

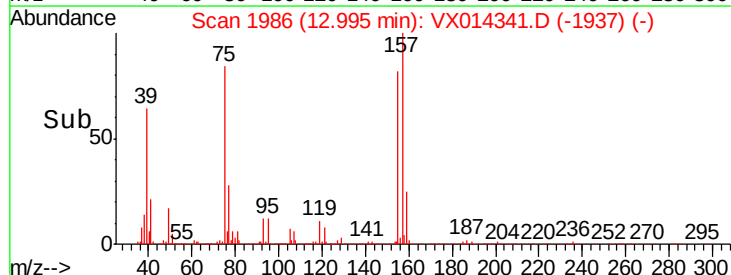
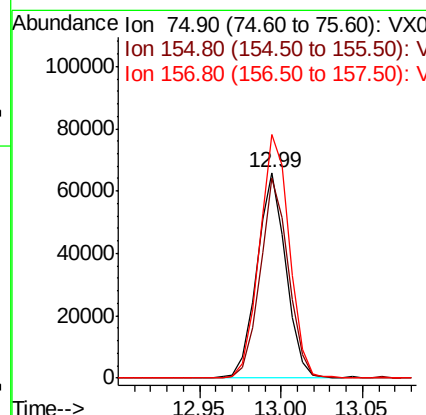
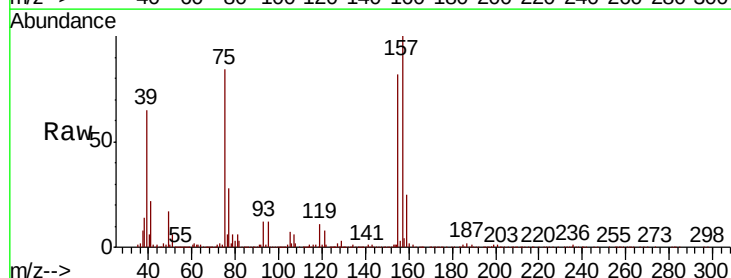
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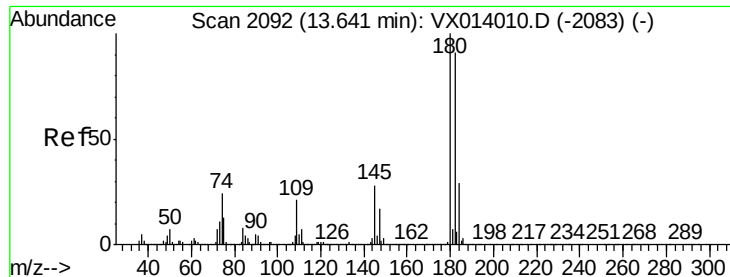
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.397 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	46.9	140.6
157	123.7	60.8	182.4





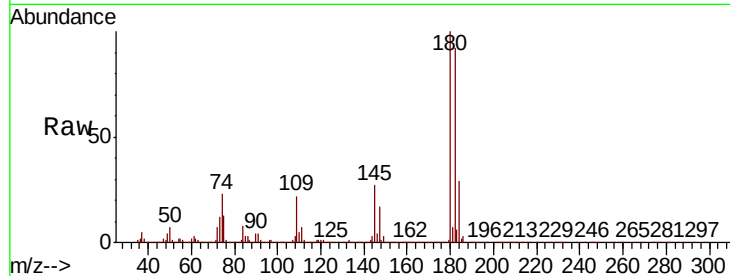
#93
 1,2,4-Trichlorobenzene
 Concen: 49.701 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	354305		
182	94.2	46.6	139.8	
145	28.1	14.2	42.6	

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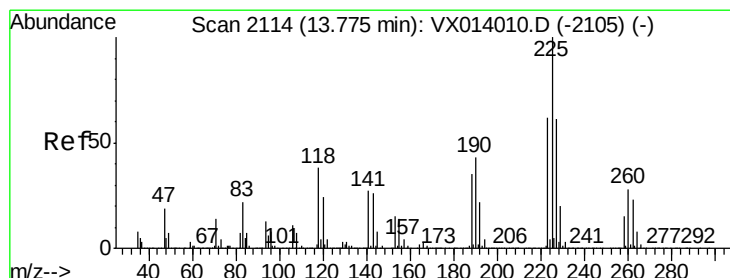
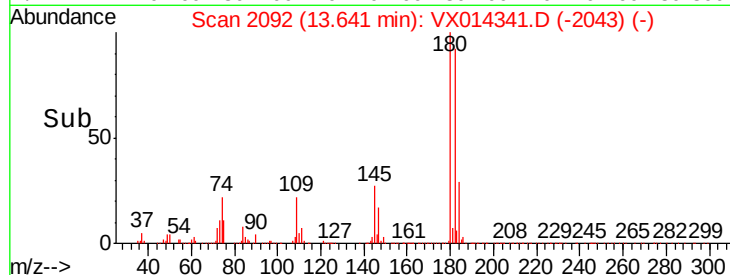
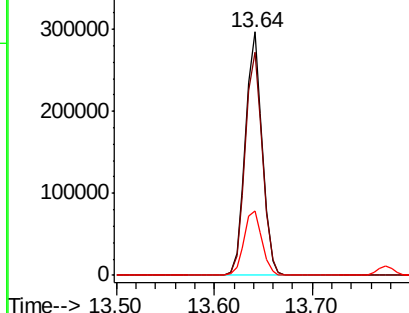


Abundance

Ion 179.80 (179.50 to 180.50): V

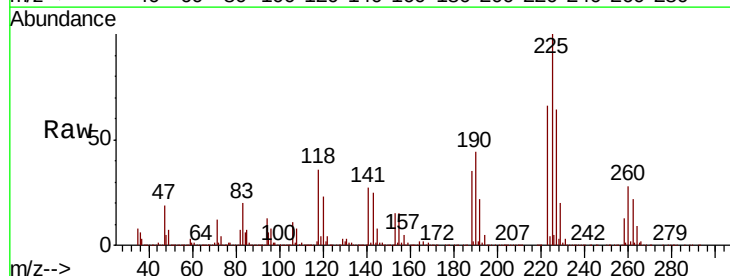
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.250 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014341.D
 Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165309		
223	63.8	30.9	92.5	
227	63.6	30.9	92.7	

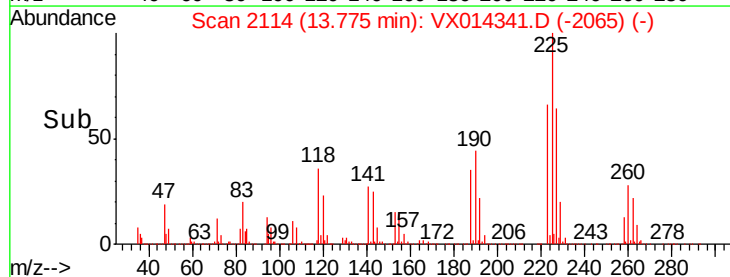
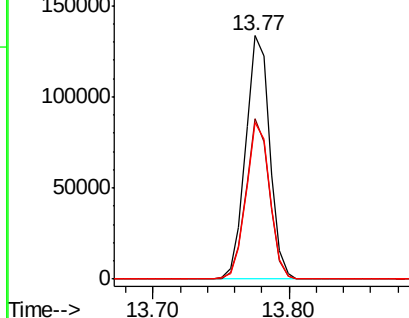


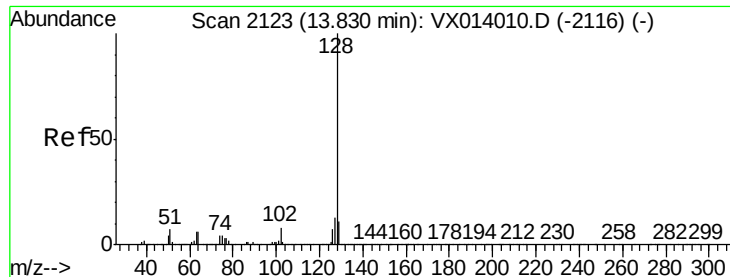
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





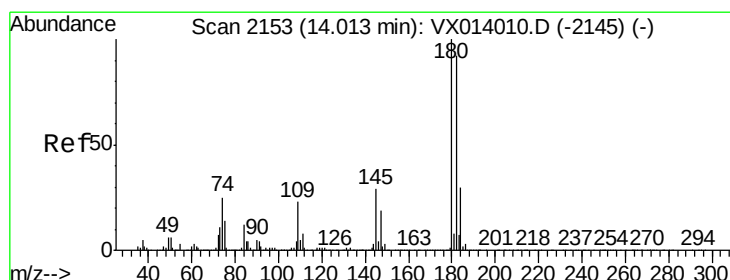
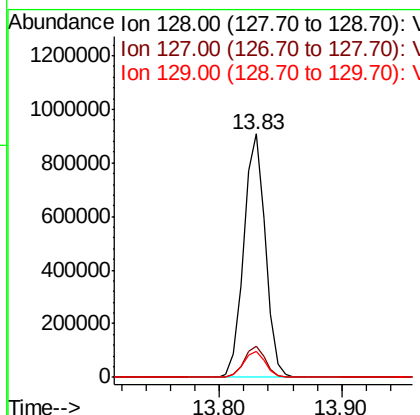
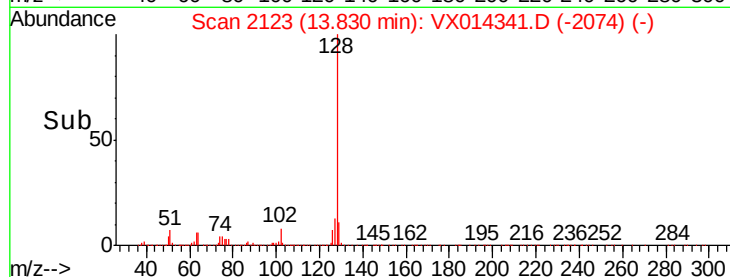
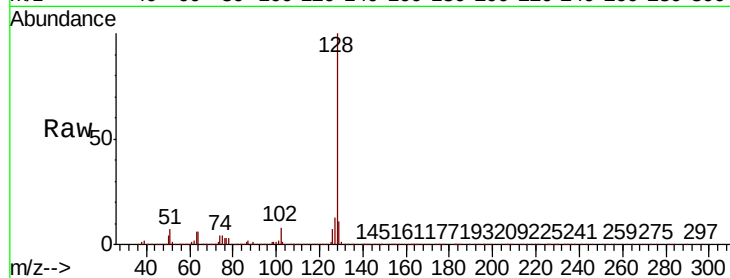
#95
Naphthalene
Concen: 52.649 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

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
12/30/2019 11:05:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.243 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014341.D
Acq: 28 Dec 2019 04:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.8	140.3
145	30.4	14.8	44.4

