

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014330.D
 Acq On : 27 Dec 2019 23:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 12/30/2019 11:04:30 AM

Quant Time: Dec 30 06:50:21 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	460770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	736392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	664702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	264846	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	219531	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	861597	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	306970	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	178124	43.211	ug/l	99
3) Chloromethane	1.32	50	260574	47.103	ug/l	99
4) Vinyl Chloride	1.40	62	274899	47.094	ug/l	99
5) Bromomethane	1.63	94	195465	47.179	ug/l	98
6) Chloroethane	1.72	64	179512	49.827	ug/l	95
7) Trichlorofluoromethane	1.92	101	355600	49.211	ug/l	97
8) Diethyl Ether	2.18	74	168412	49.660	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212628	48.815	ug/l	99
10) Methyl Iodide	2.50	142	261603	45.775	ug/l	99
11) Tert butyl alcohol	3.03	59	279857	248.013	ug/l	98
12) 1,1-Dichloroethene	2.37	96	217071	48.975	ug/l	98
13) Acrolein	2.28	56	183481	284.057	ug/l	97
14) Allyl chloride	2.72	41	404784	51.149	ug/l	98
15) Acrylonitrile	3.13	53	731946	277.910	ug/l	100
16) Acetone	2.43	43	767649	226.424	ug/l	100
17) Carbon Disulfide	2.56	76	536775	43.719	ug/l	99
18) Methyl Acetate	2.76	43	391774	58.316	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	771080	52.942	ug/l	98
20) Methylene Chloride	2.85	84	260347	48.765	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	237613	48.661	ug/l	98
22) Diisopropyl ether	3.84	45	853092	54.095	ug/l	92
23) Vinyl Acetate	3.81	43	2413194	187.515	ug/l	100
24) 1,1-Dichloroethane	3.69	63	447862	51.045	ug/l	100
25) 2-Butanone	4.66	43	1076653	257.581	ug/l	99
26) 2,2-Dichloropropane	4.58	77	296577	43.536	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	283017	51.248	ug/l	98
28) Bromochloromethane	5.01	49	188603	55.840	ug/l	96
29) Tetrahydrofuran	5.12	42	651631	278.724	ug/l	99
30) Chloroform	5.20	83	438419	52.711	ug/l	97
31) Cyclohexane	5.58	56	391387	50.155	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	361093	50.939	ug/l	99
36) 1,1-Dichloropropene	5.79	75	320285	47.402	ug/l	100
37) Ethyl Acetate	4.82	43	390013	52.270	ug/l	99
38) Carbon Tetrachloride	5.78	117	301203	48.933	ug/l	95

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 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)
39) Methylcyclohexane	7.46	83	382224	45.814	ug/l	96
40) Benzene	6.14	78	1018058	48.969	ug/l	99
41) Methacrylonitrile	5.03	41	220107	53.166	ug/l	98
42) 1,2-Dichloroethane	6.18	62	346621	49.185	ug/l	99
43) Isopropyl Acetate	6.43	43	645777	52.297	ug/l	99
44) Trichloroethene	7.21	130	288887	50.308	ug/l	95
45) 1,2-Dichloropropane	7.51	63	271731	50.994	ug/l	98
46) Dibromomethane	7.65	93	171189	48.591	ug/l	98
47) Bromodichloromethane	7.89	83	334199	50.368	ug/l	99
48) Methyl methacrylate	7.76	41	315718	52.214	ug/l	98
49) 1,4-Dioxane	7.73	88	112339	912.952	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2023494	260.929	ug/l	100
52) Toluene	8.78	92	635574	48.367	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	365528	50.241	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	415214	51.227	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	266871	50.672	ug/l	99
56) Ethyl methacrylate	9.17	69	428359	51.778	ug/l	99
57) 1,3-Dichloropropane	9.37	76	449010	50.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	830535	265.278	ug/l	100
59) 2-Hexanone	9.48	43	1564730	250.647	ug/l	100
60) Dibromochloromethane	9.58	129	267628	51.122	ug/l	97
61) 1,2-Dibromoethane	9.67	107	273828	50.816	ug/l	99
64) Tetrachloroethene	9.33	164	392125	66.668	ug/l	98
65) Chlorobenzene	10.14	112	685546	48.506	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	253673	50.269	ug/l	100
67) Ethyl Benzene	10.25	91	1205340	49.606	ug/l	99
68) m/p-Xylenes	10.35	106	914051	97.807	ug/l	100
69) o-Xylene	10.70	106	448313	48.913	ug/l	99
70) Styrene	10.71	104	779785	50.313	ug/l	100
71) Bromoform	10.85	173	207083	51.051	ug/l #	99
73) Isopropylbenzene	11.01	105	1164605	51.646	ug/l	100
74) N-amyl acetate	10.89	43	556759	52.673	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	375182	47.990	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	332372m	47.802	ug/l	
77) Bromobenzene	11.25	156	307347	49.538	ug/l	98
78) n-propylbenzene	11.35	91	1323238	52.315	ug/l	100
79) 2-Chlorotoluene	11.42	91	794775	51.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	965661	50.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	129238	52.462	ug/l	99
82) 4-Chlorotoluene	11.51	91	907582	50.888	ug/l	99
83) tert-Butylbenzene	11.76	119	834828	45.202	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	978219	51.470	ug/l	100
85) sec-Butylbenzene	11.94	105	1124798	51.589	ug/l	100
86) p-Isopropyltoluene	12.06	119	1032854	51.788	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	534649	49.169	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	534310	48.326	ug/l	99
89) n-Butylbenzene	12.39	91	876077	51.481	ug/l	99
90) Hexachloroethane	12.59	117	181630	50.702	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	538905	49.232	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84062	48.589	ug/l	96

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ClientSampleId :
VSTDCCC050

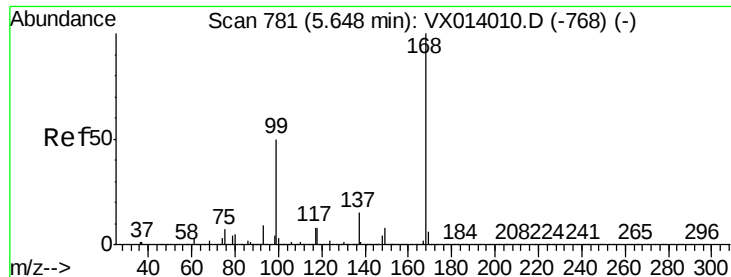
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	353479	49.684	ug/l	98
94) Hexachlorobutadiene	13.78	225	163941	47.947	ug/l	97
95) Naphthalene	13.83	128	1121576	53.657	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362916	51.675	ug/l	99

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



#1

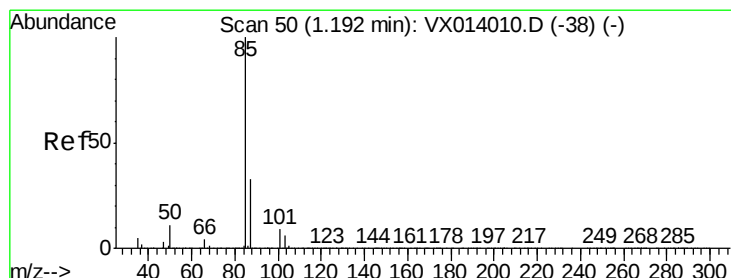
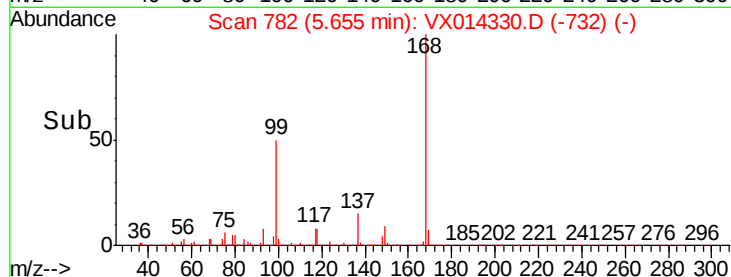
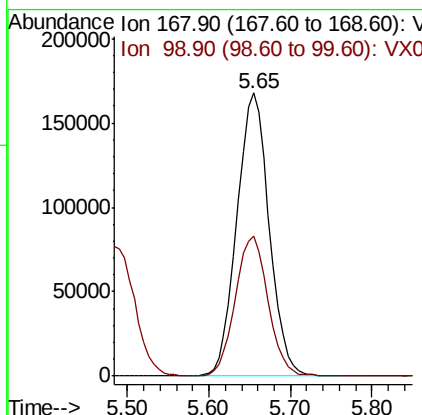
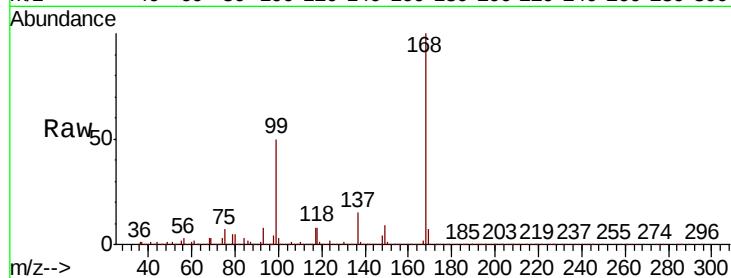
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.4	40.3	60.5

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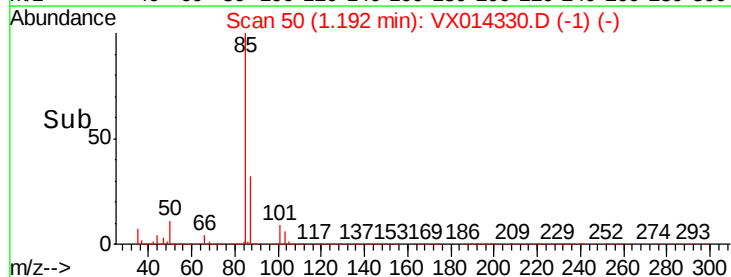
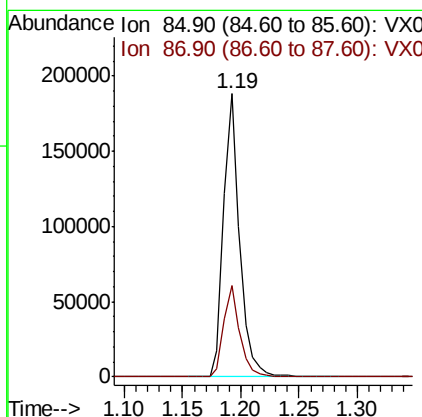
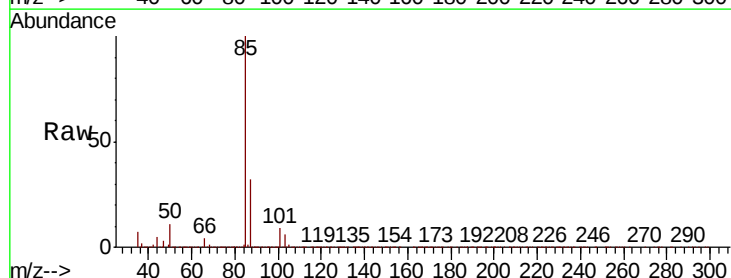
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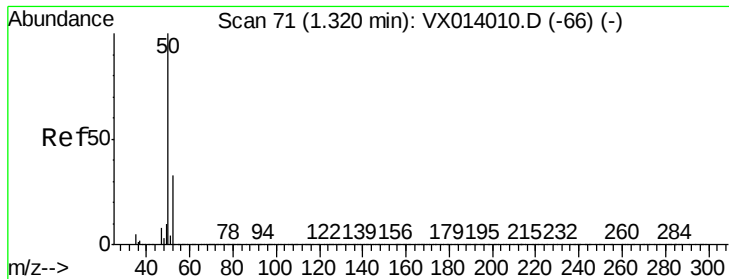


#2

Dichlorodifluoromethane
Concen: 43.211 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.4	49.2





#3

Chloromethane

Concen: 47.103 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 260574

Ion Ratio Lower Upper

50 100

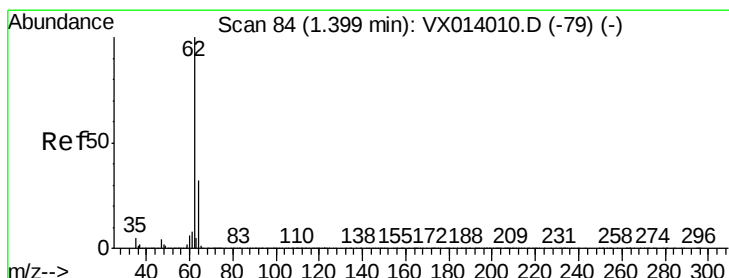
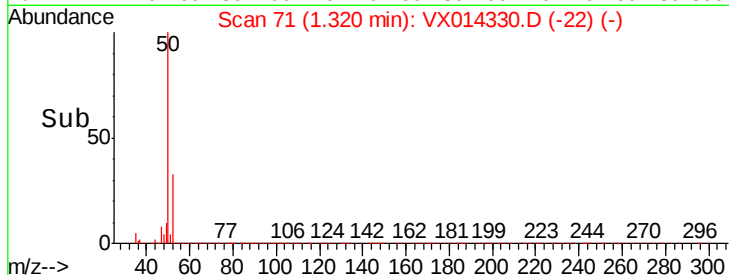
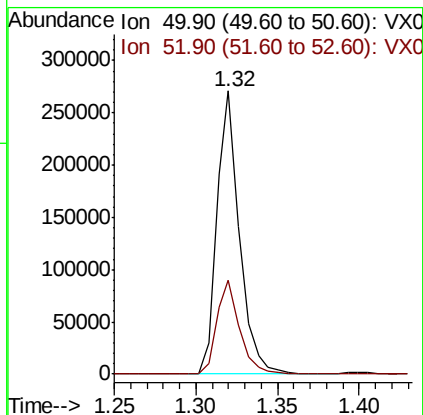
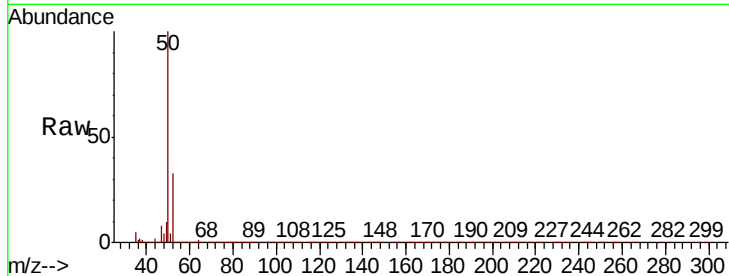
52 33.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.094 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014330.D

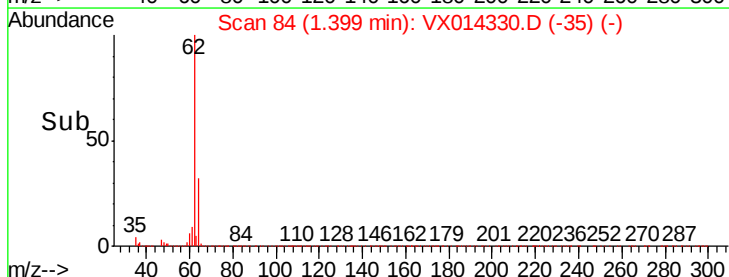
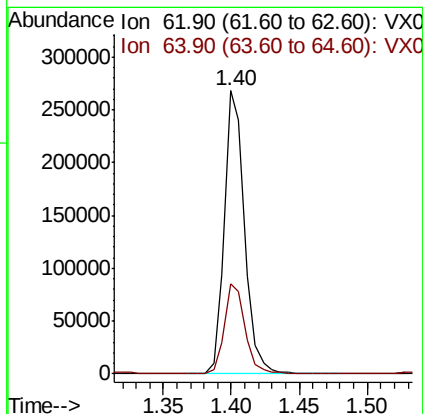
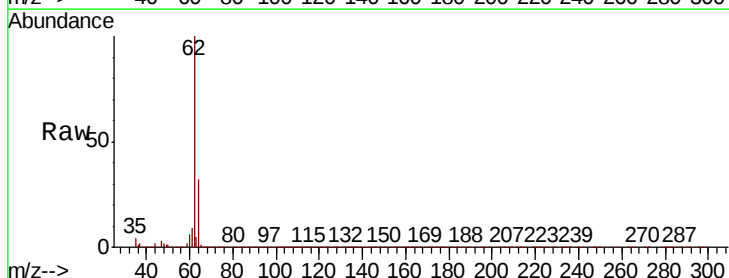
Acq: 27 Dec 2019 23:54

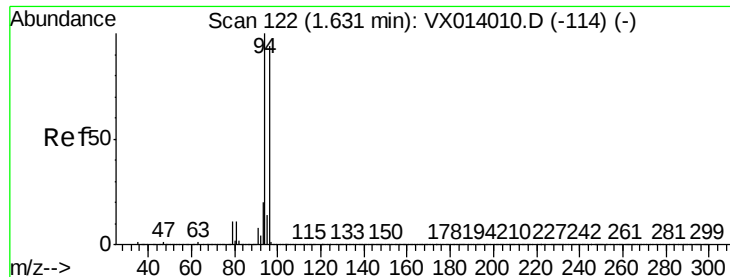
Tgt Ion: 62 Resp: 274899

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 47.179 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 195465

Ion Ratio Lower Upper

94 100

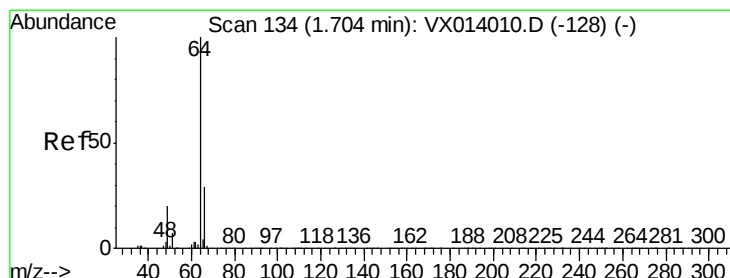
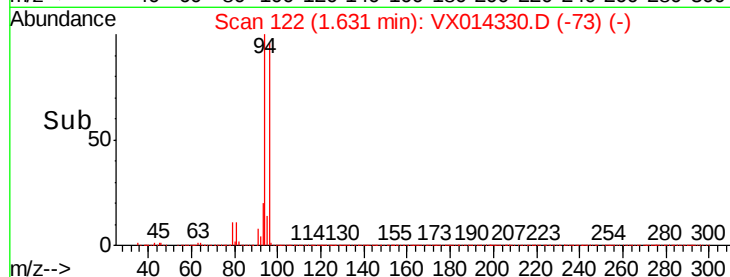
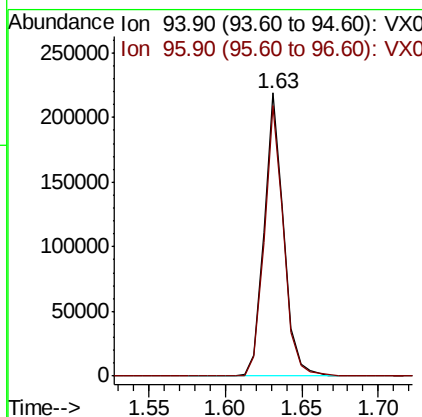
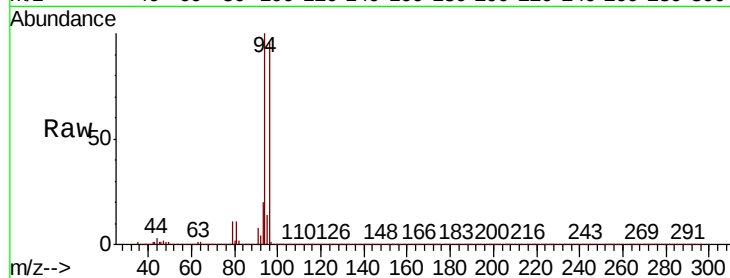
96 95.7 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.827 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014330.D

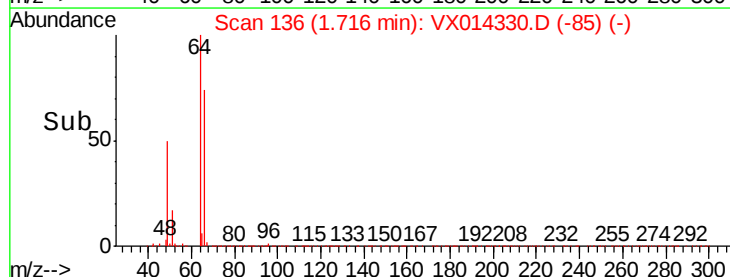
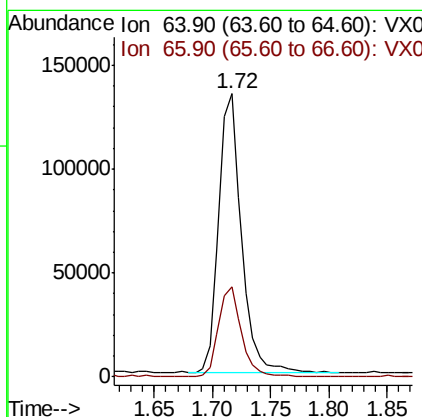
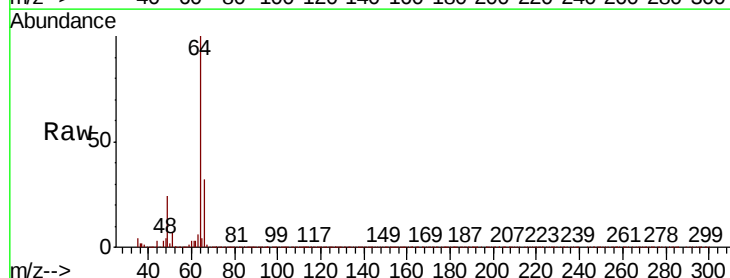
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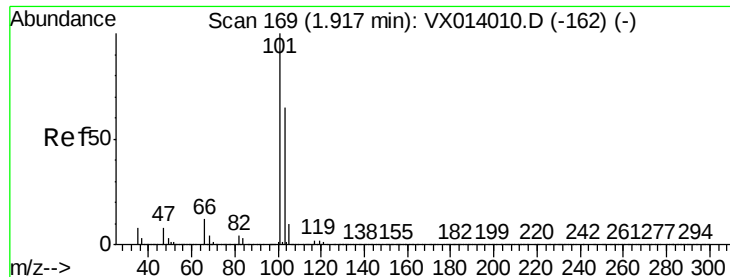
Tgt Ion: 64 Resp: 179512

Ion Ratio Lower Upper

64 100

66 32.1 23.4 35.2





#7

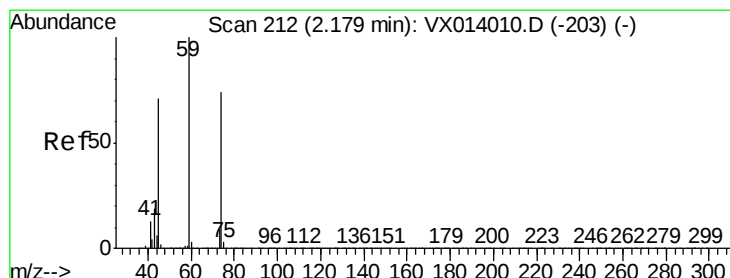
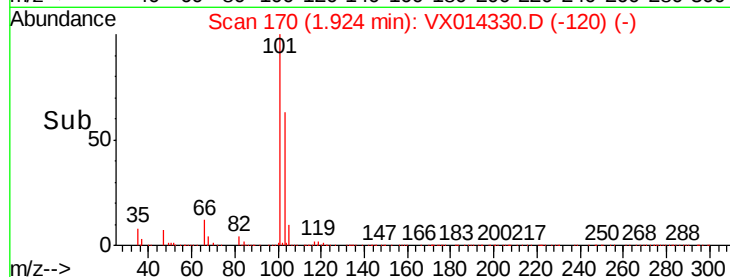
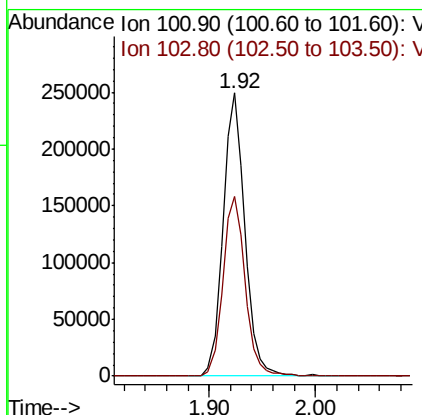
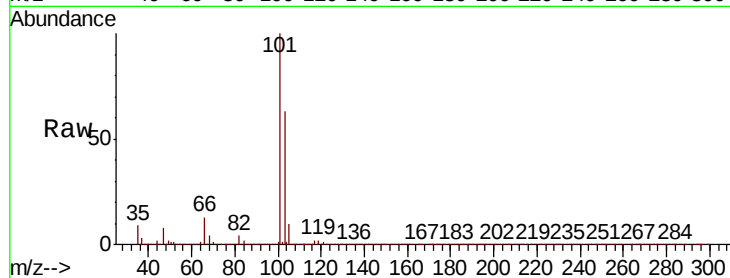
Trichlorofluoromethane
Concen: 49.211 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.2	78.4

Manual Integrations
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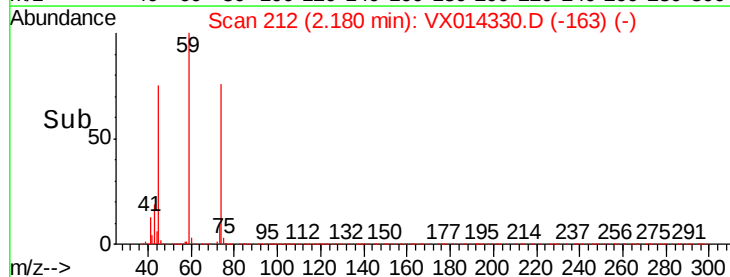
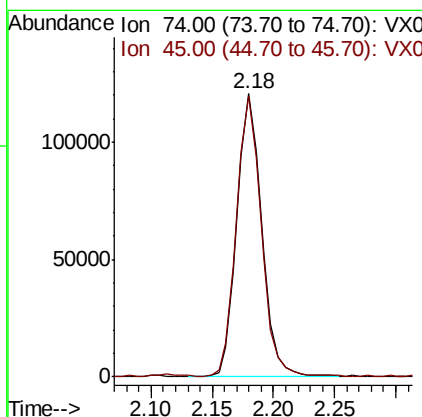
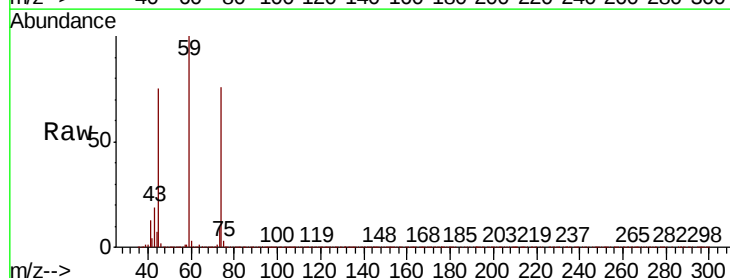
apatel
12/30/2019 11:04:30 AM

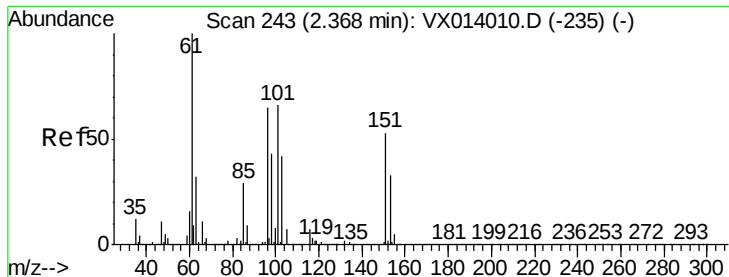


#8

Diethyl Ether
Concen: 49.660 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.815 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

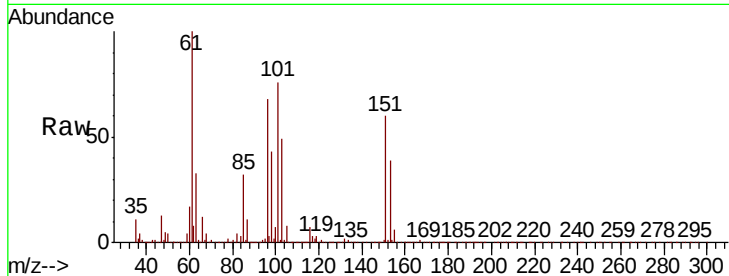
ClientSampleId :

VSTDCCC050

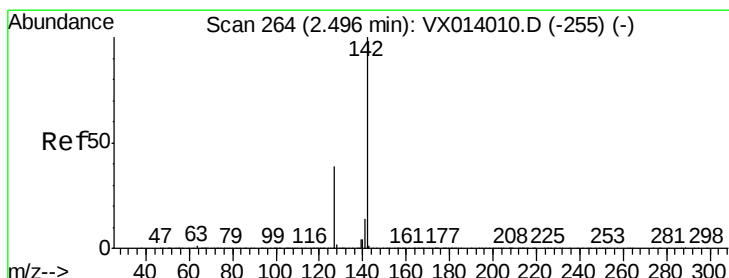
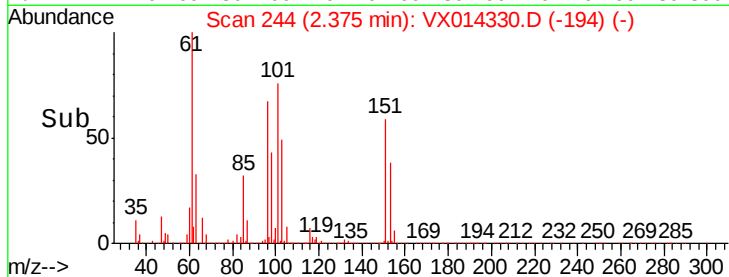
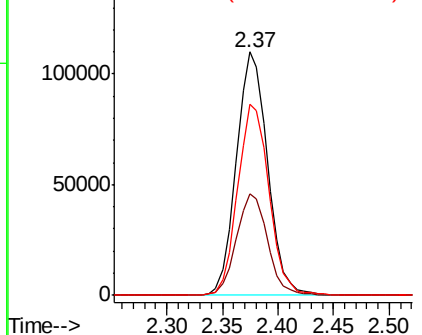
Tot Ion:	101	Resp:	212628
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	79.9	64.5	96.7

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



#10

Methyl Iodide

Concen: 45.775 ug/l

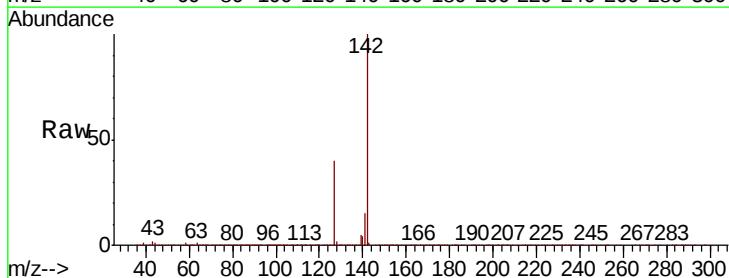
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

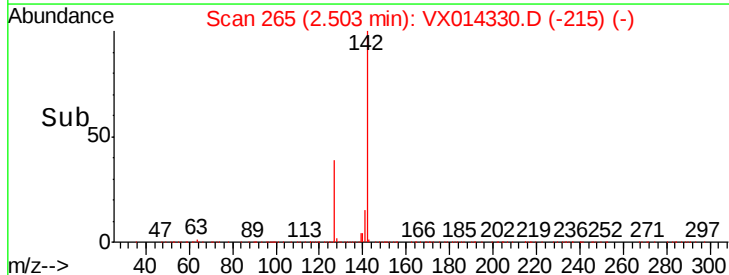
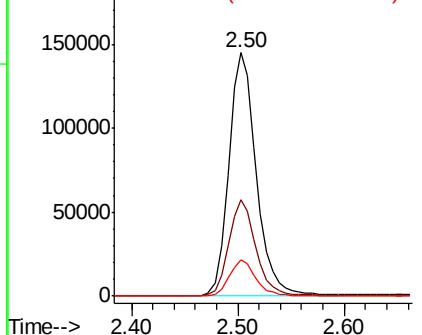
Lab File: VX014330.D

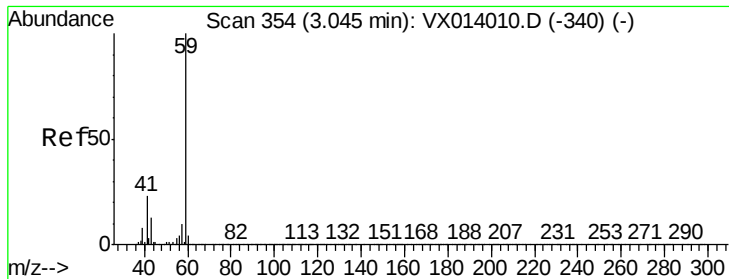
Acq: 27 Dec 2019 23:54

Tgt Ion:	142	Resp:	261603
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.6	47.4
141	14.1	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

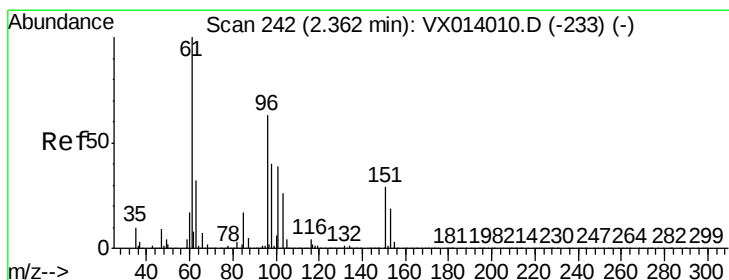
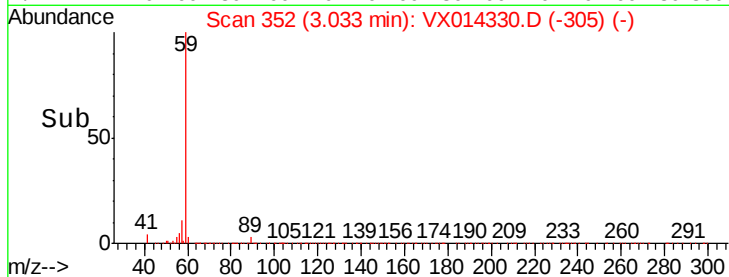
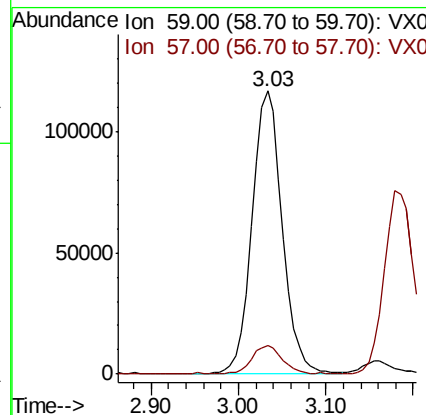
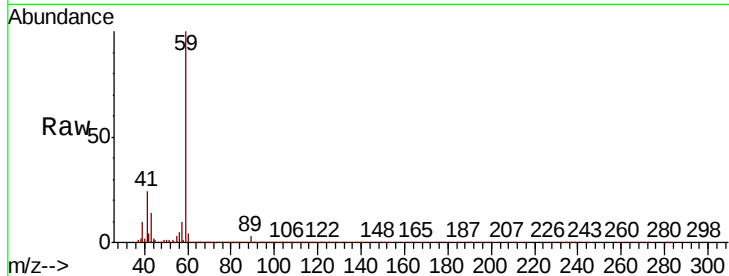
Tert butyl alcohol
Concen: 248.013 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

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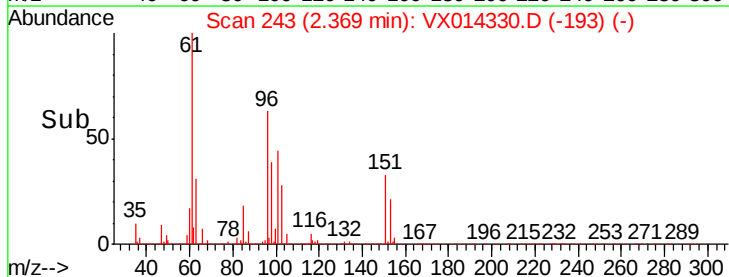
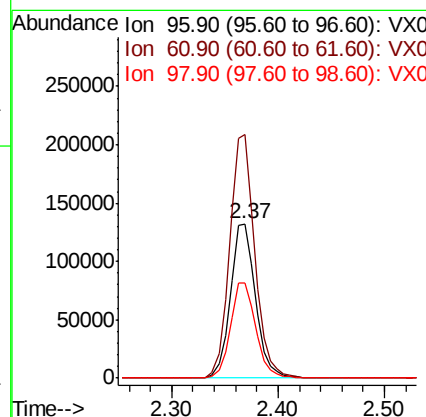
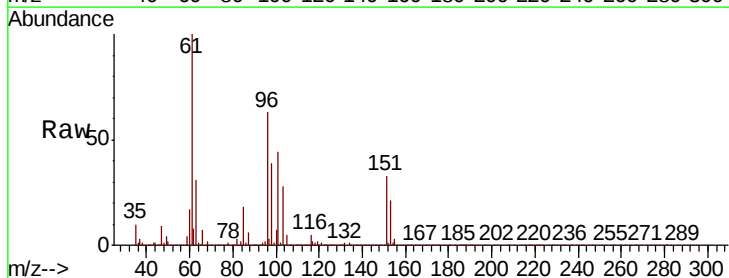
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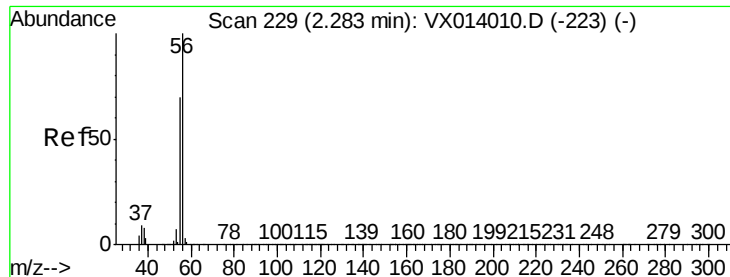


#12

1,1-Dichloroethene
Concen: 48.975 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	127.9	191.9
98	61.8	50.5	75.7





#13

Acrolein

Concen: 284.057 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 183481

Ion Ratio Lower Upper

56 100

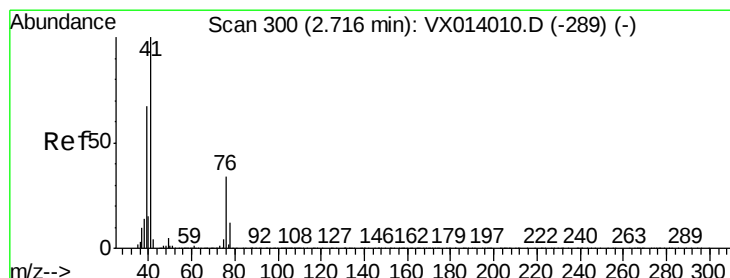
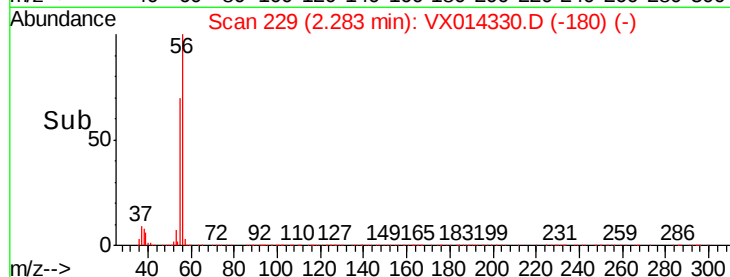
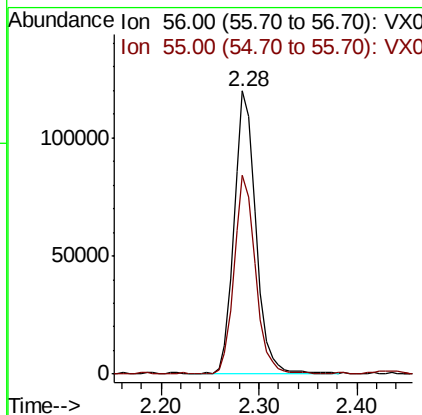
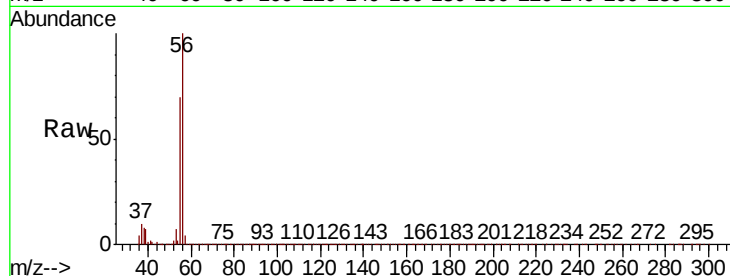
55 68.5 56.9 85.3

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#14

Allyl chloride

Concen: 51.149 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

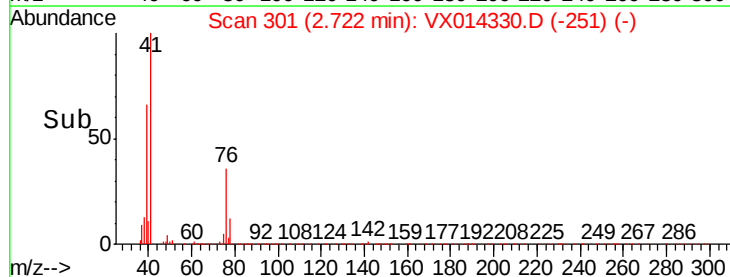
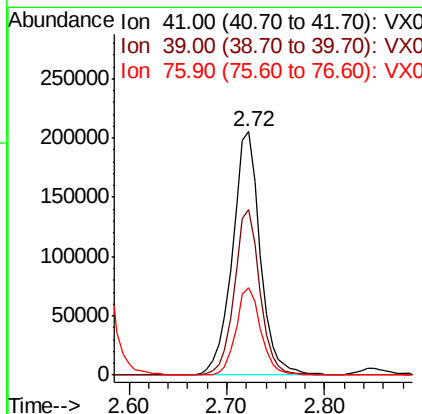
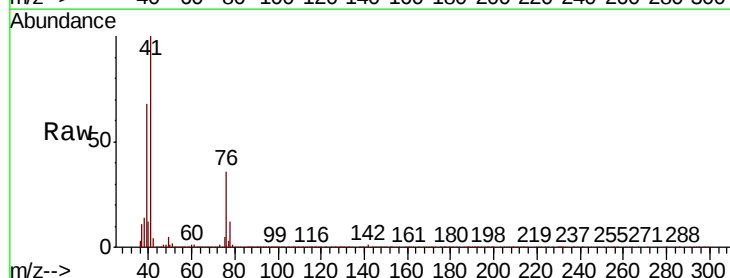
Tgt Ion: 41 Resp: 404784

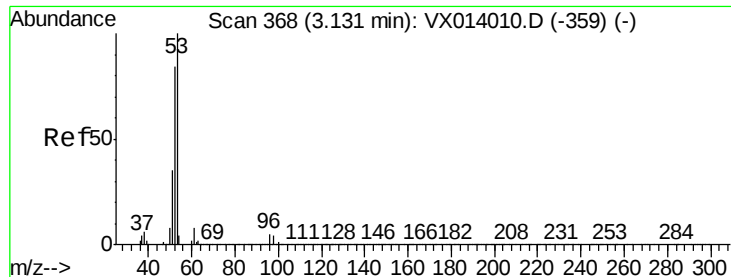
Ion Ratio Lower Upper

41 100

39 62.4 51.8 77.8

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 277.910 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

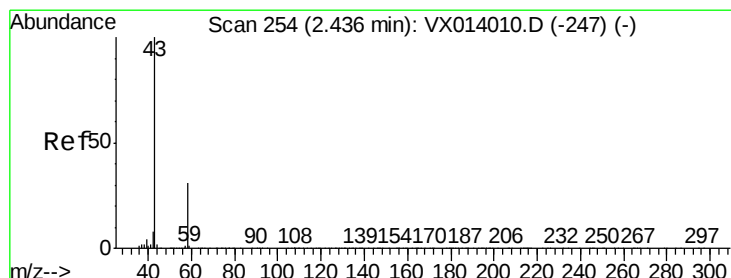
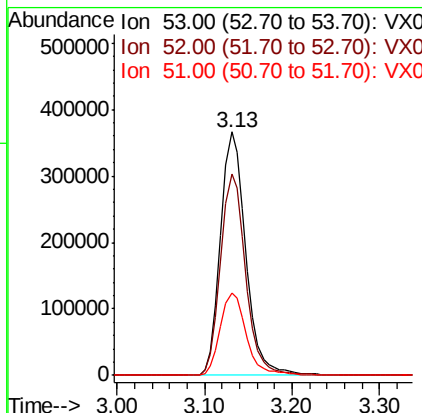
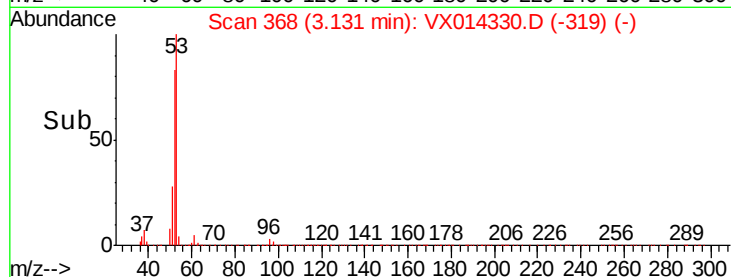
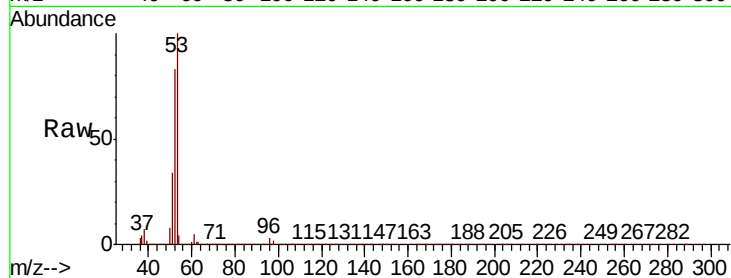
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	731946
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.5	99.7
51	35.1	28.1	42.1

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#16

Acetone

Concen: 226.424 ug/l

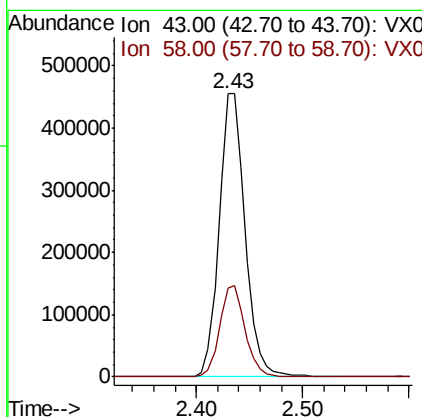
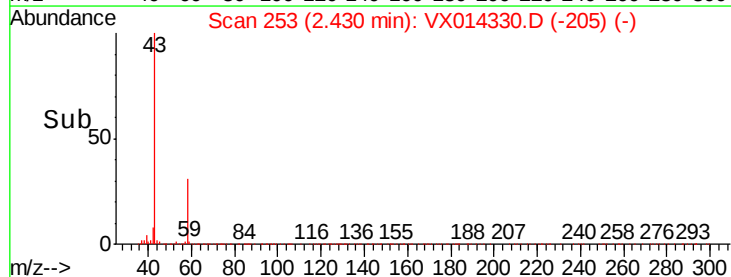
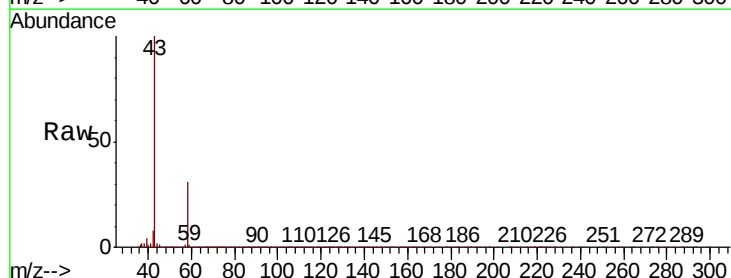
RT: 2.43 min Scan# 253

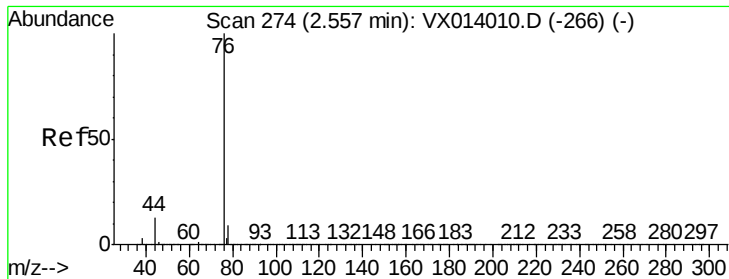
Delta R.T. -0.01 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	43	Resp:	767649
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 43.719 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 536775

Ion Ratio Lower Upper

76 100

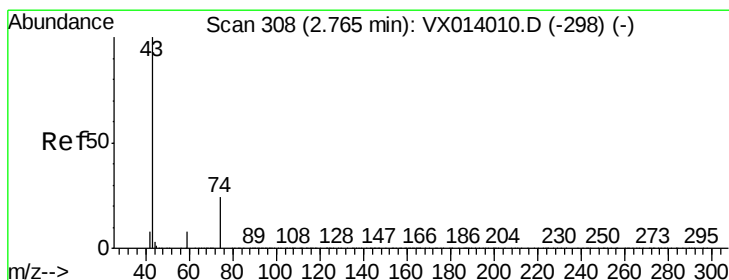
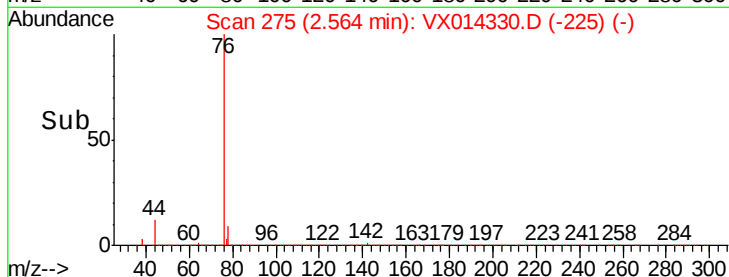
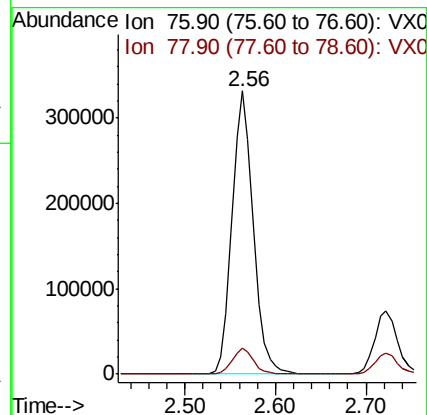
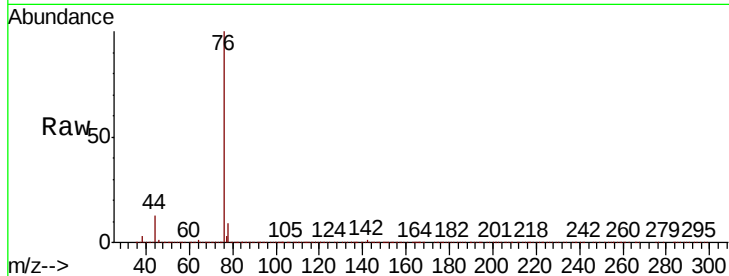
78 9.4 7.2 10.8

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#18

Methyl Acetate

Concen: 58.316 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014330.D

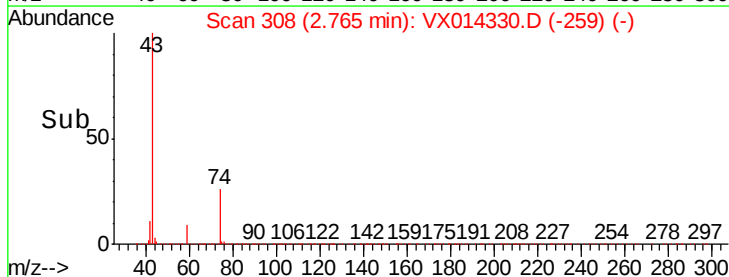
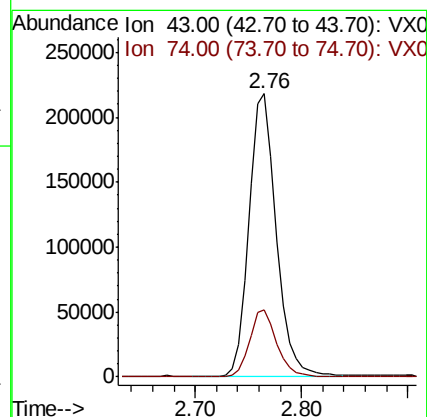
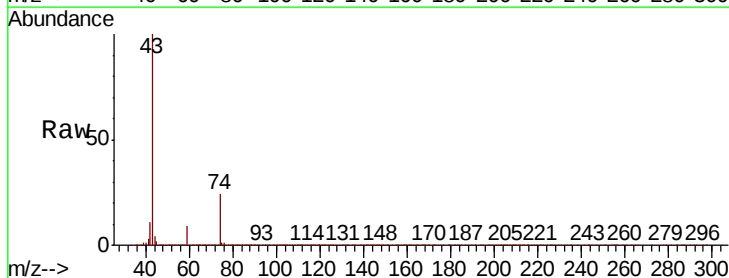
Acq: 27 Dec 2019 23:54

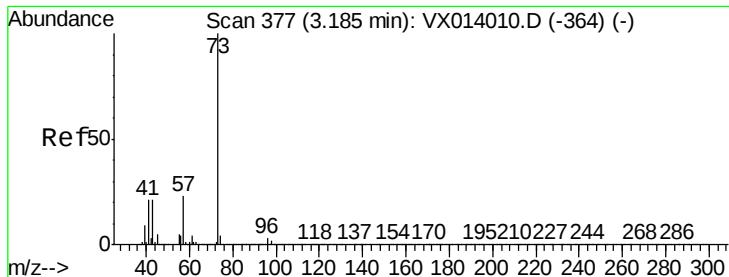
Tgt Ion: 43 Resp: 391774

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3





#19

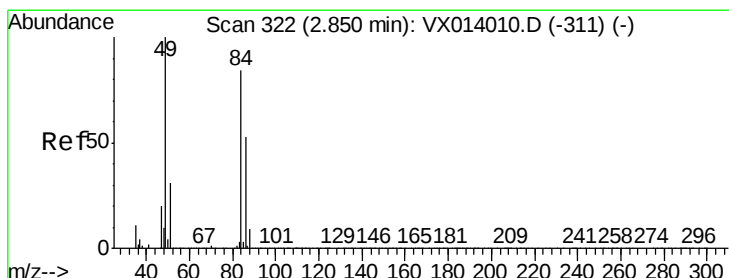
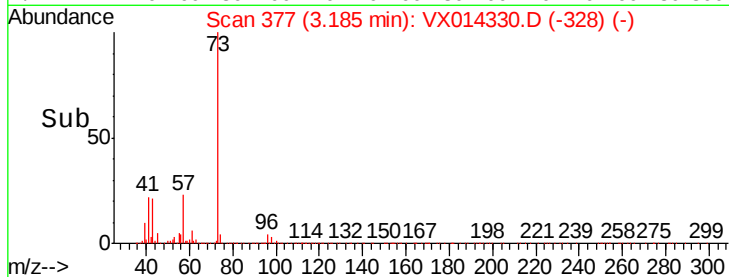
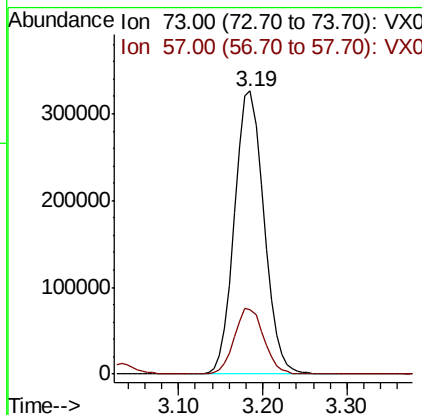
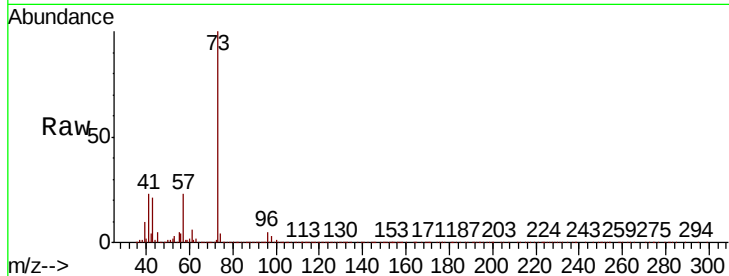
Methyl tert-butyl Ether
 Concen: 52.942 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.8	28.2

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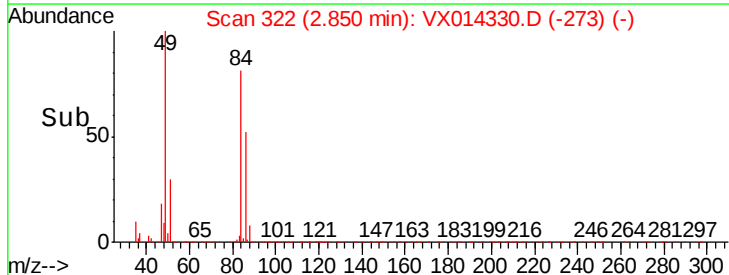
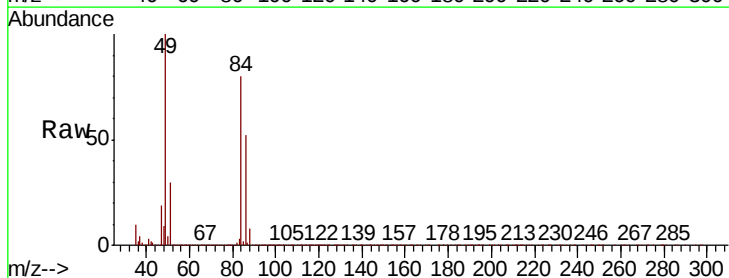
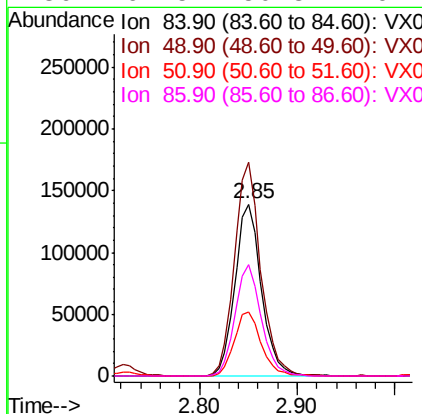
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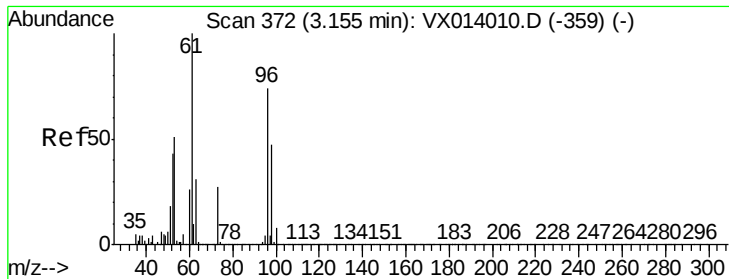


#20

Methylene Chloride
 Concen: 48.765 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	95.8	143.6
51	36.9	29.8	44.8
86	64.5	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 48.661 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

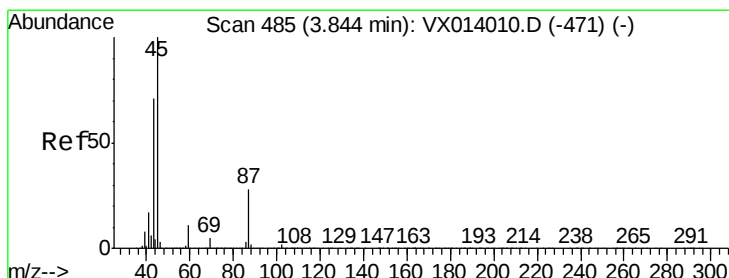
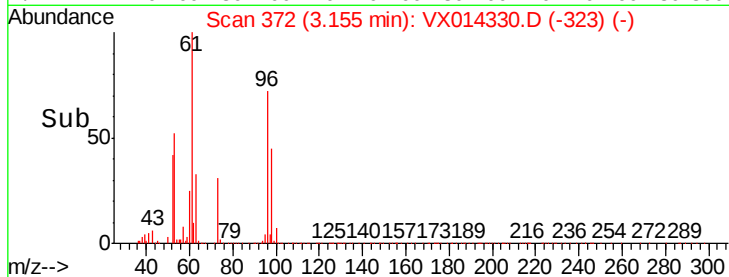
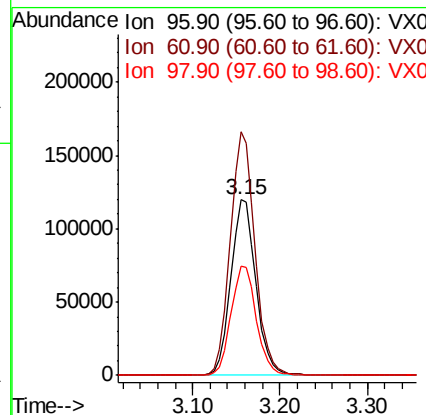
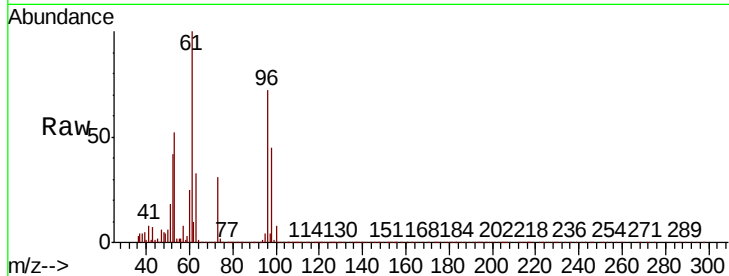
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	237613
Ion	Ratio	Lower	Upper
96	100		
61	138.5	108.3	162.5
98	62.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 54.095 ug/l

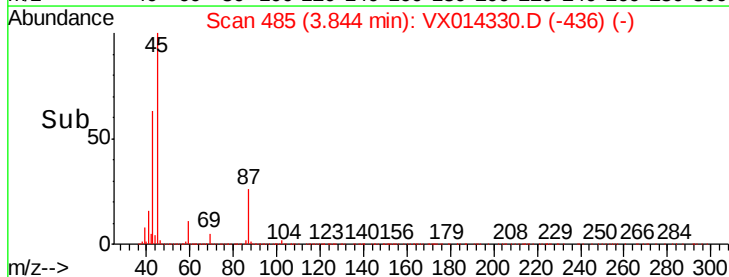
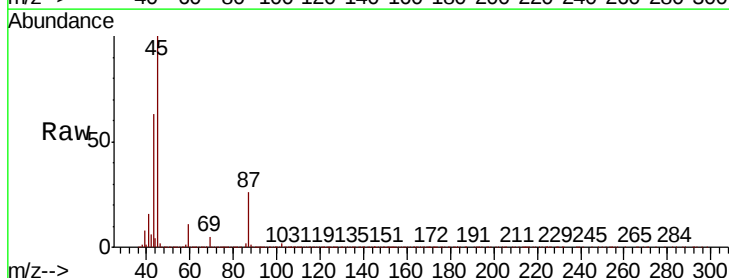
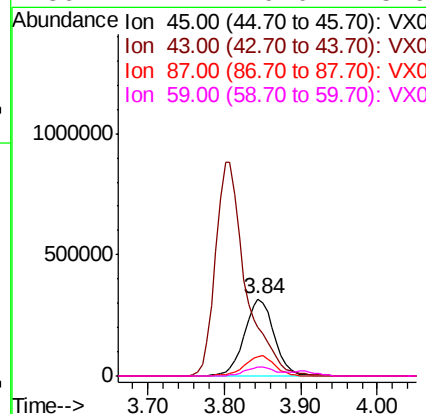
RT: 3.84 min Scan# 485

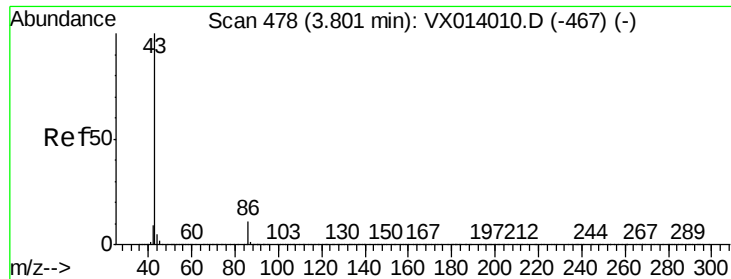
Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	45	Resp:	853092
Ion	Ratio	Lower	Upper
45	100		
43	62.0	57.4	86.0
87	25.8	21.9	32.9
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 187.515 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2413194

Ion Ratio Lower Upper

43 100

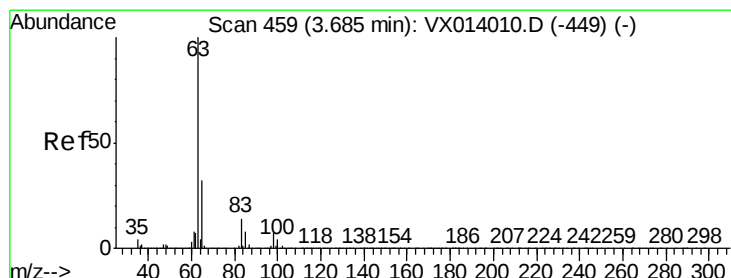
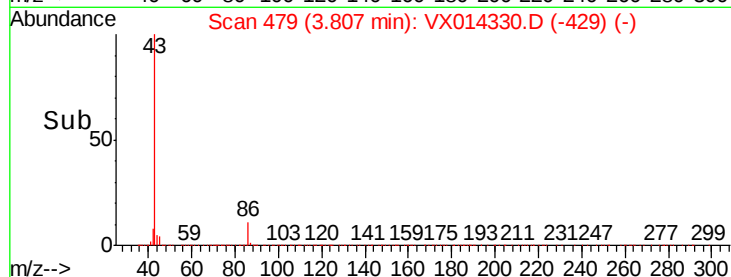
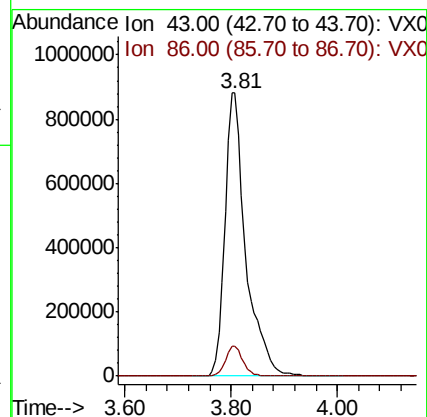
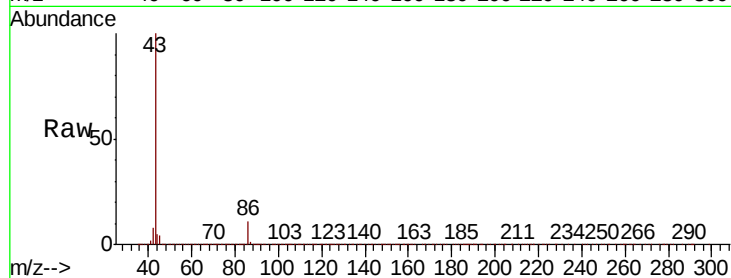
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 51.045 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

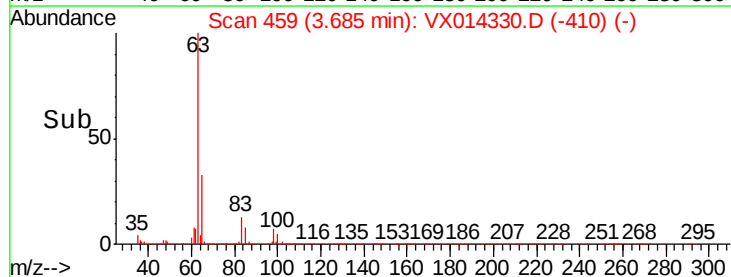
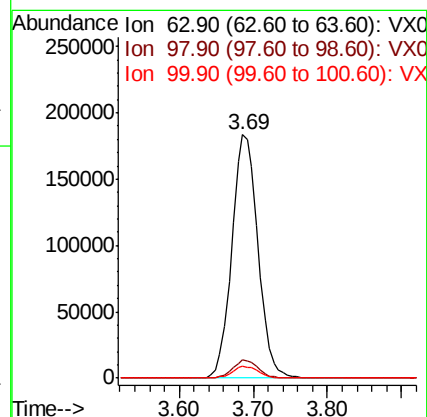
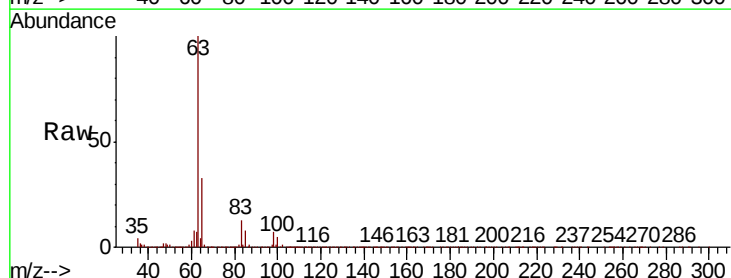
Tgt Ion: 63 Resp: 447862

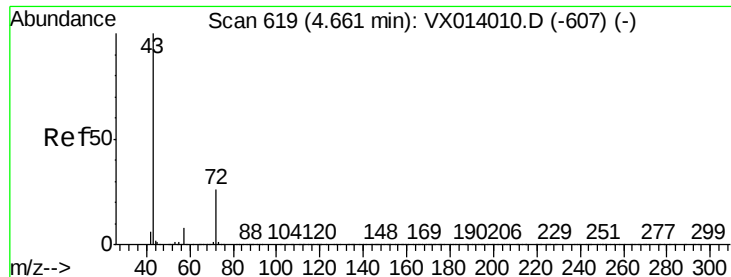
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 257.581 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tot Ion: 43 Resp: 1076653

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

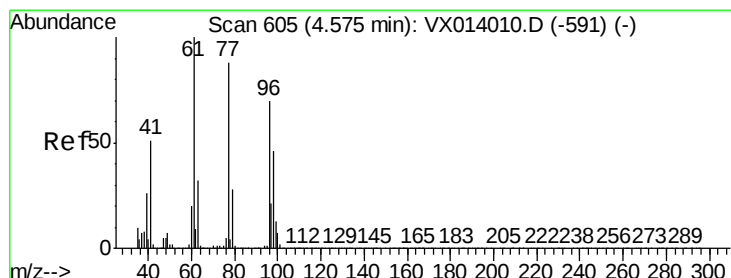
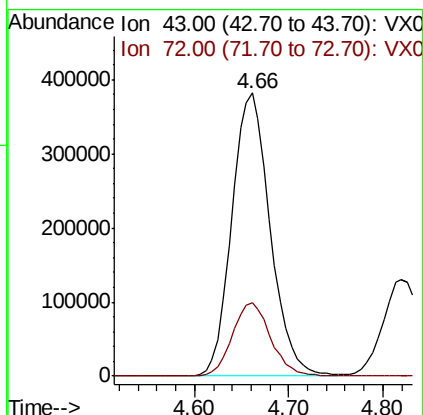
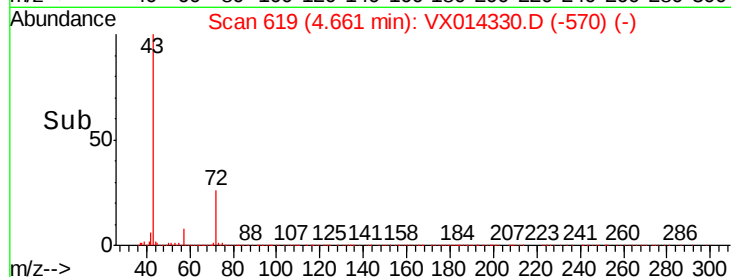
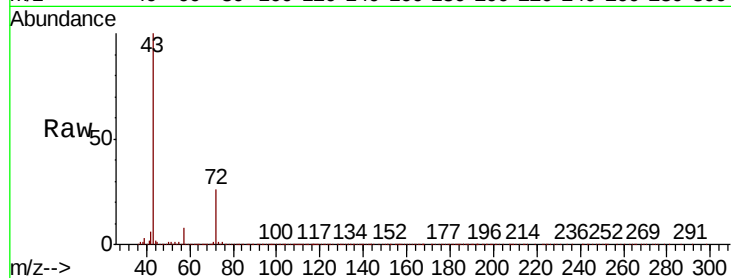
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 43.536 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014330.D

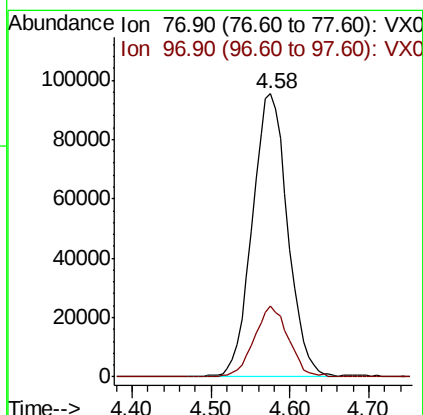
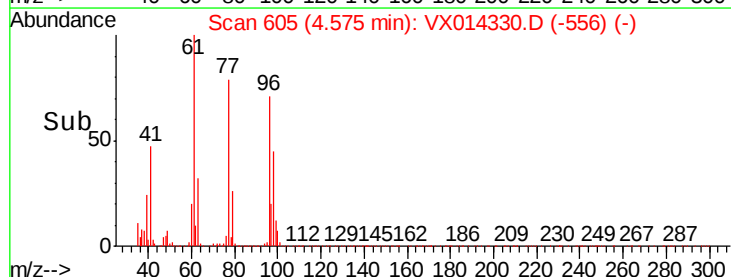
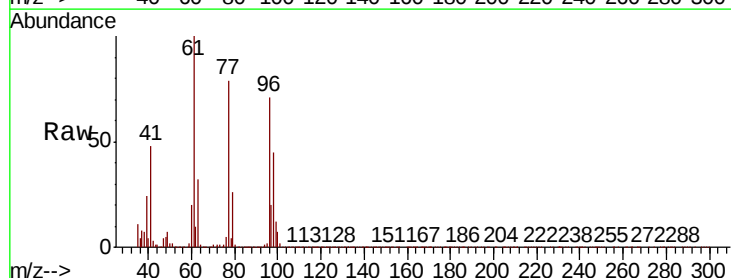
Acq: 27 Dec 2019 23:54

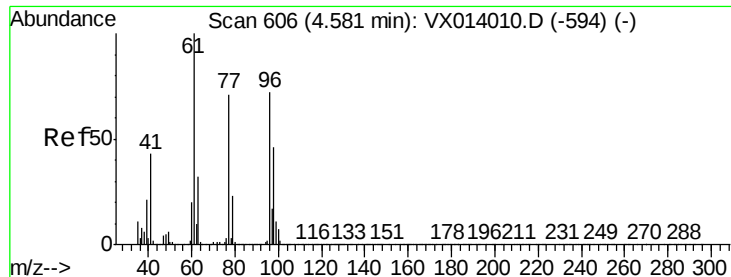
Tgt Ion: 77 Resp: 296577

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

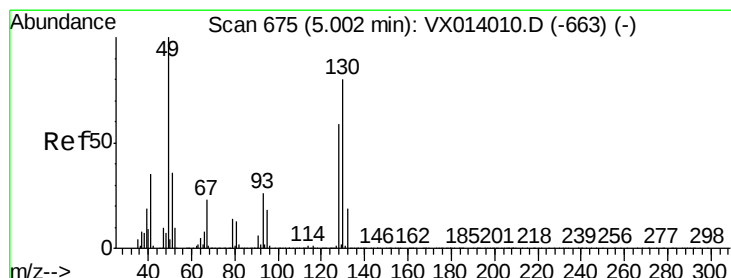
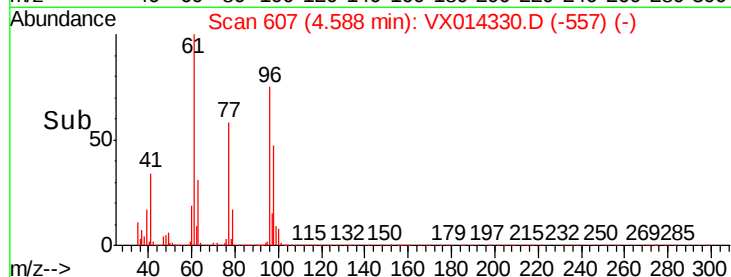
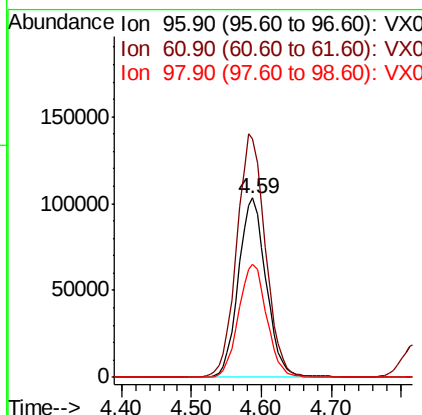
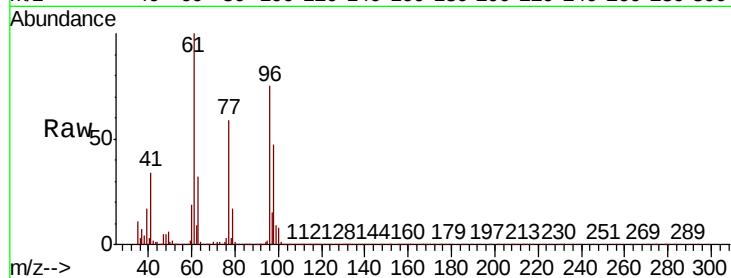
cis-1,2-Dichloroethene
Concen: 51.248 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	283017		
61	140.0	0.0	288.4	
98	64.6	0.0	129.6	

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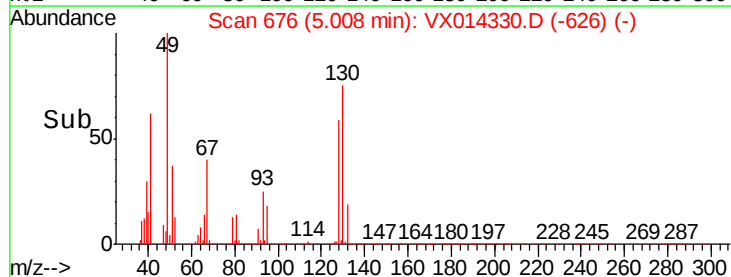
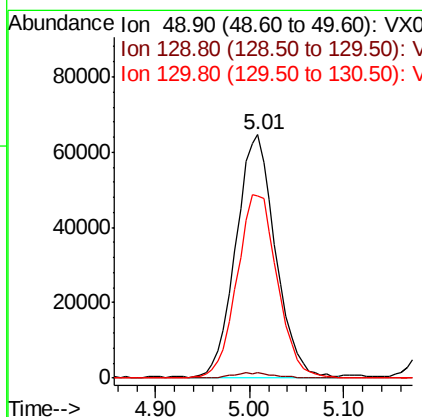
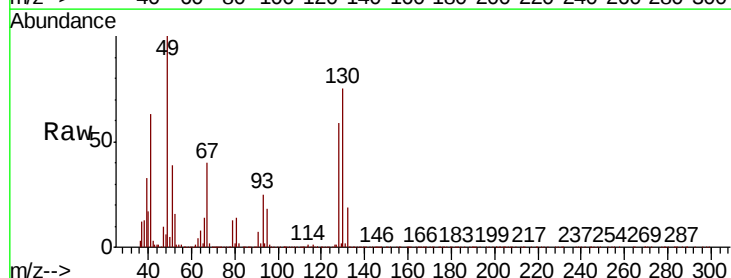
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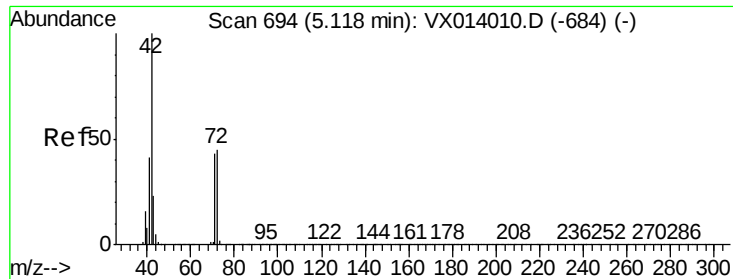


#28

Bromochloromethane
Concen: 55.840 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	188603		
129	2.2	0.0	5.0	
130	77.6	64.6	97.0	





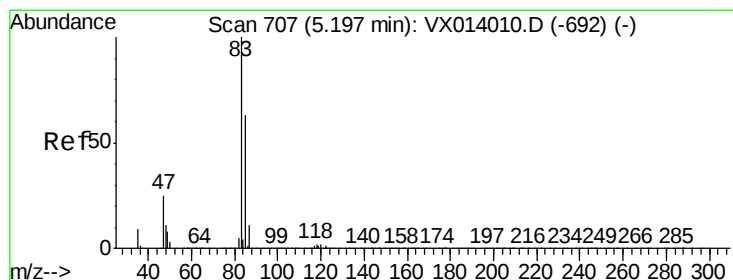
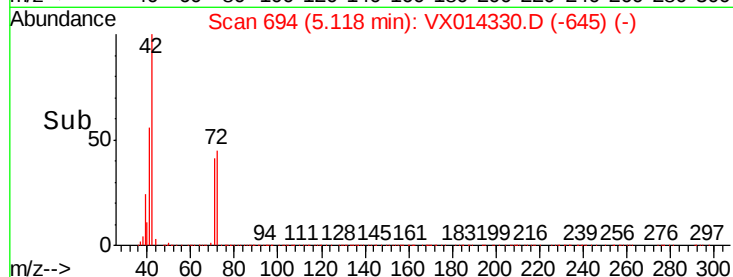
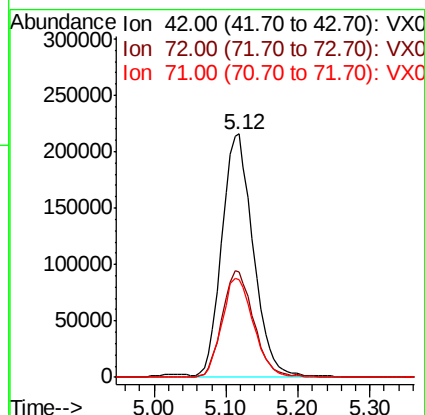
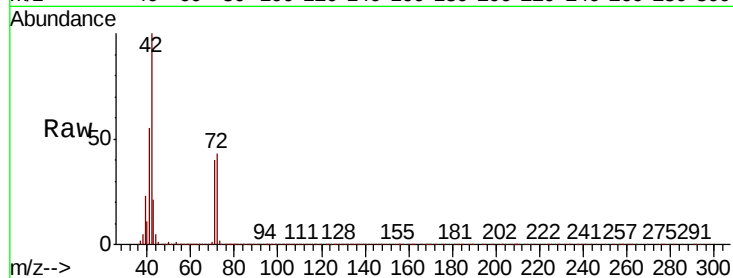
#29
Tetrahydrofuran
Concen: 278.724 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.8	53.8
71	41.6	33.6	50.4

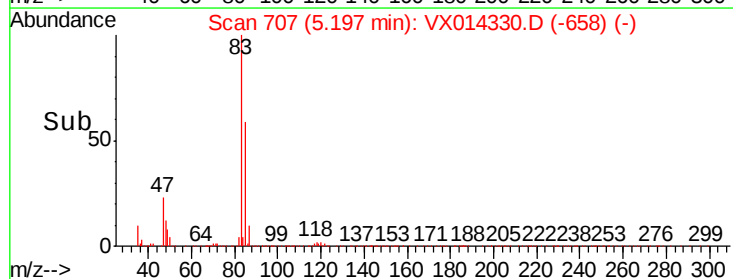
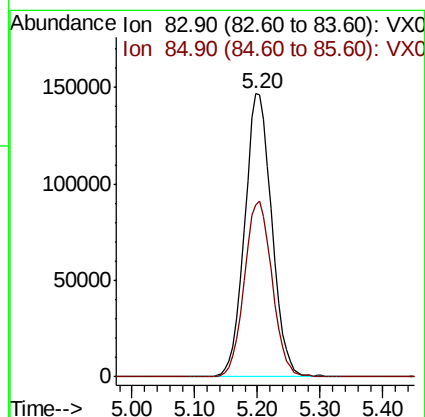
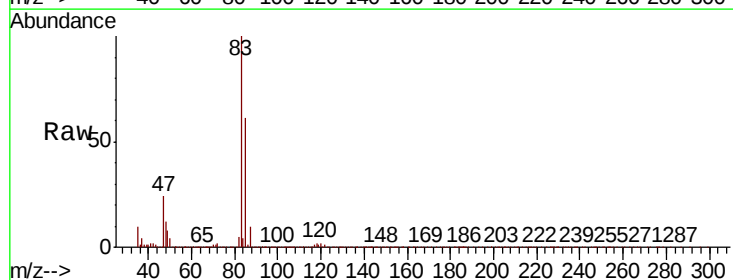
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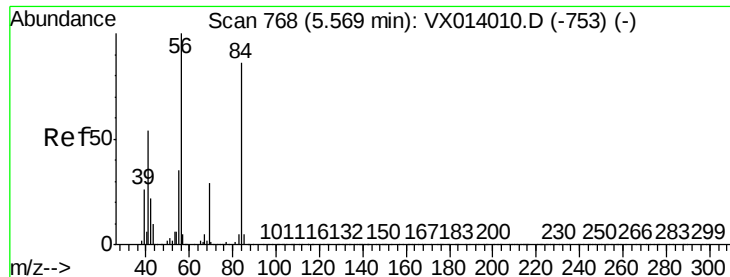
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#30
Chloroform
Concen: 52.711 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.8	76.2





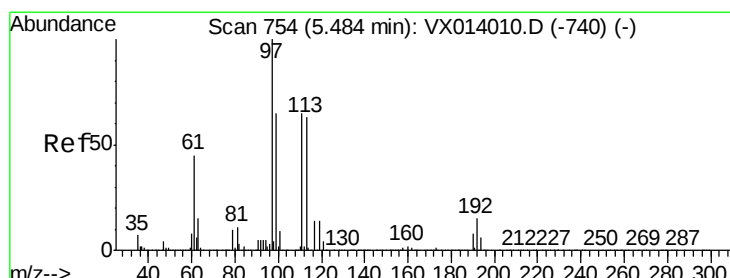
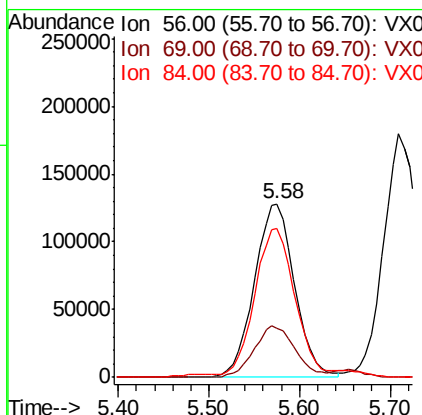
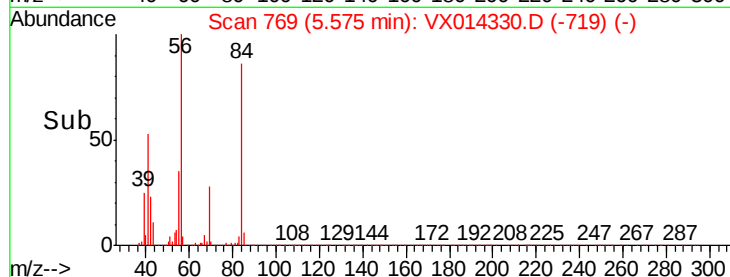
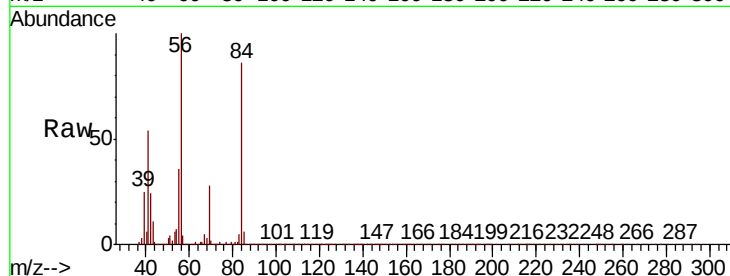
#31
Cyclohexane
Concen: 50.155 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.2	34.8
84	84.4	69.2	103.8

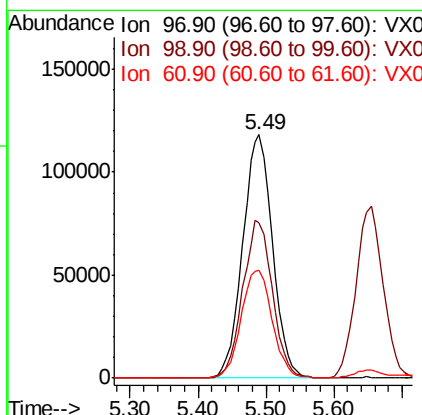
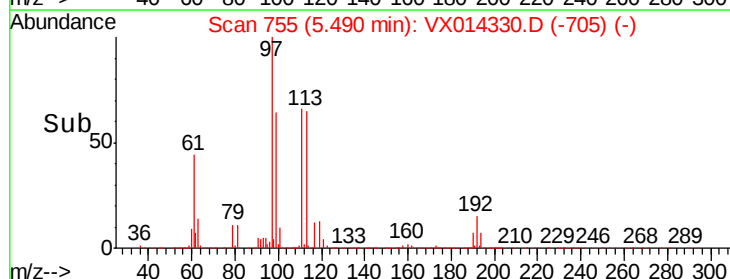
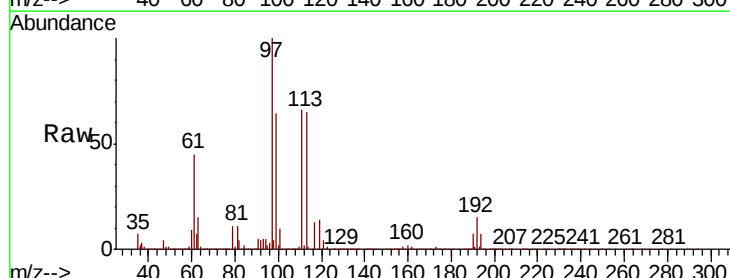
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#32
1,1,1-Trichloroethane
Concen: 50.939 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	45.6	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 50.715 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 264846

Ion Ratio Lower Upper

65 100

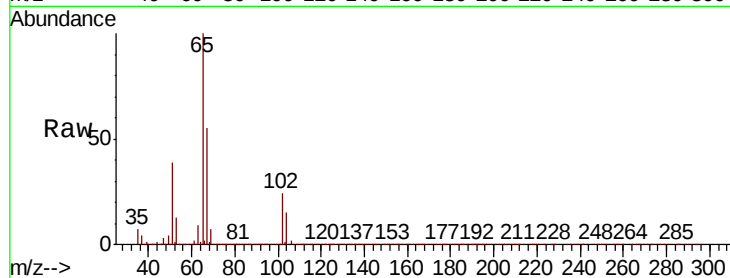
67 55.0 0.0 106.4

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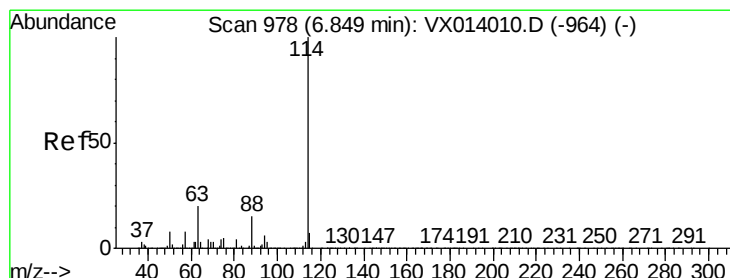
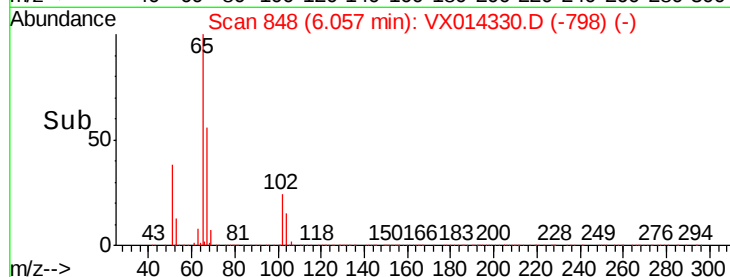
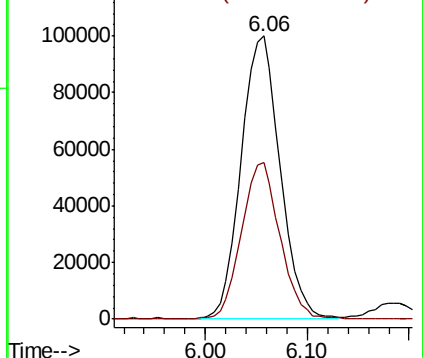
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

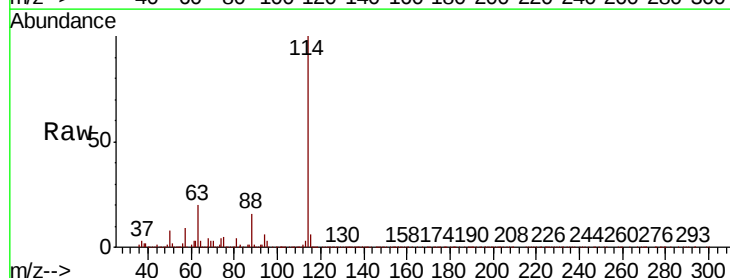
Tgt Ion: 114 Resp: 736392

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

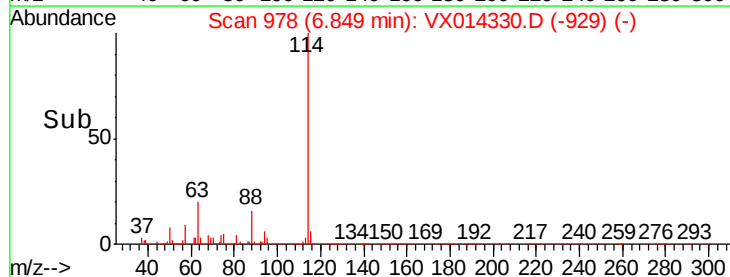
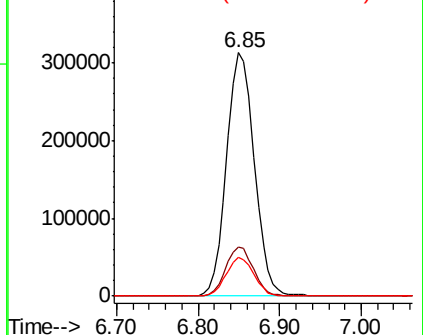
88 16.1 0.0 30.4

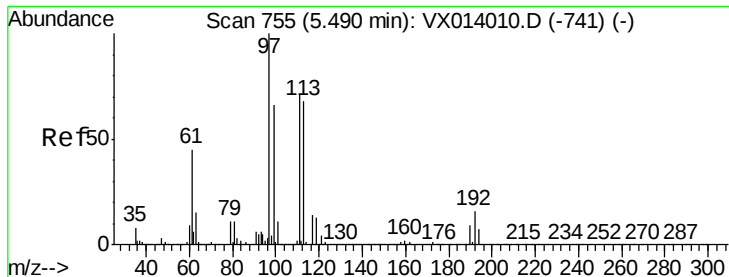


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





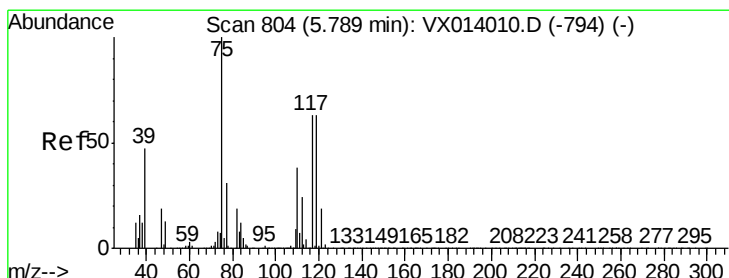
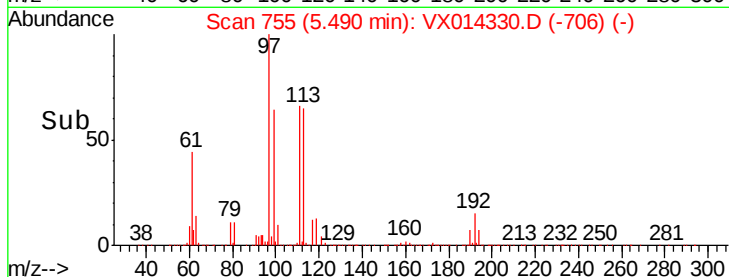
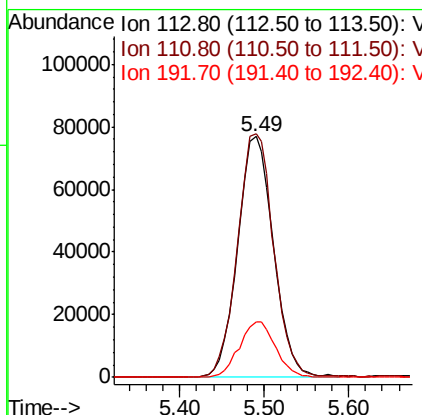
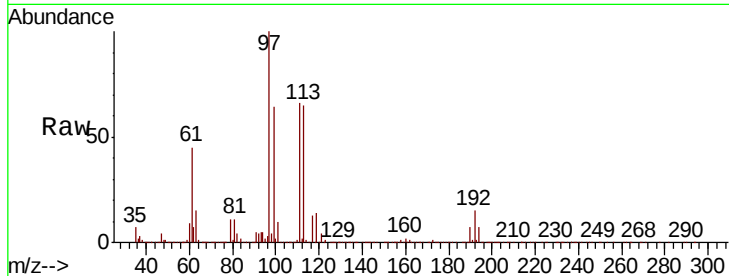
#35
 Dibromofluoromethane
 Concen: 49.041 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219531		
111	102.7	82.0	123.0	
192	23.3	19.3	28.9	

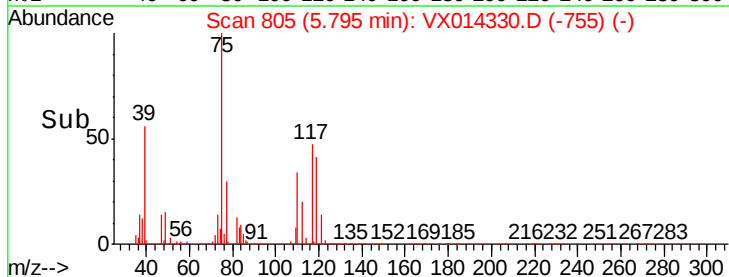
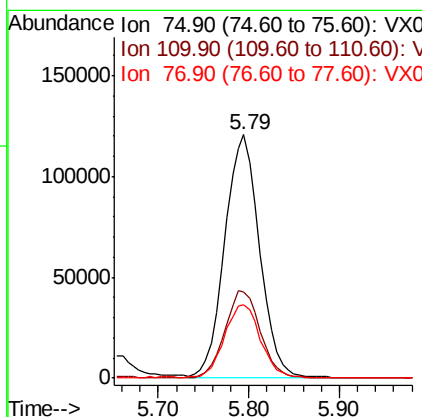
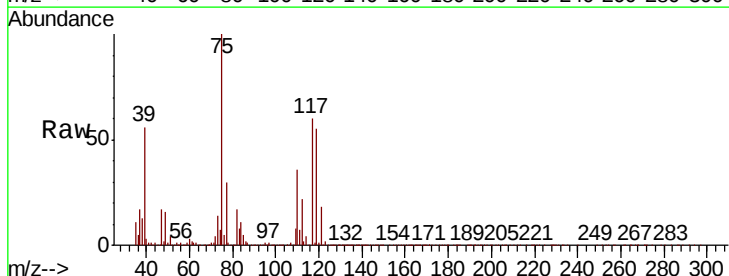
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#36
 1,1-Dichloropropene
 Concen: 47.402 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	320285		
110	36.7	18.3	54.9	
77	31.3	24.8	37.2	





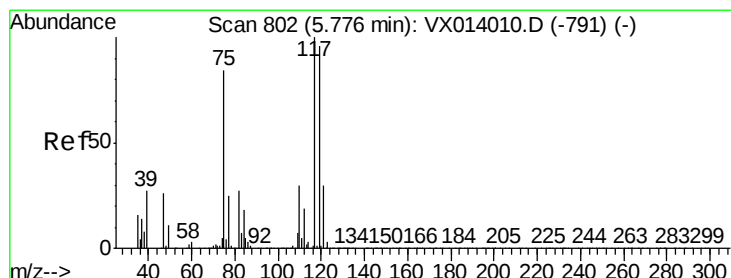
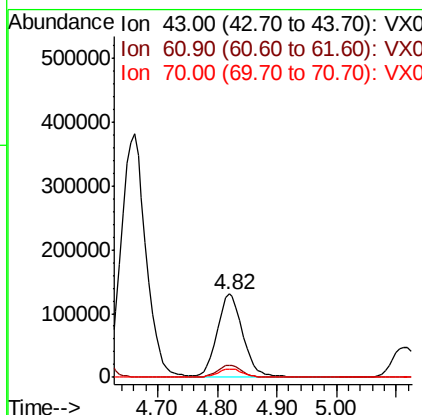
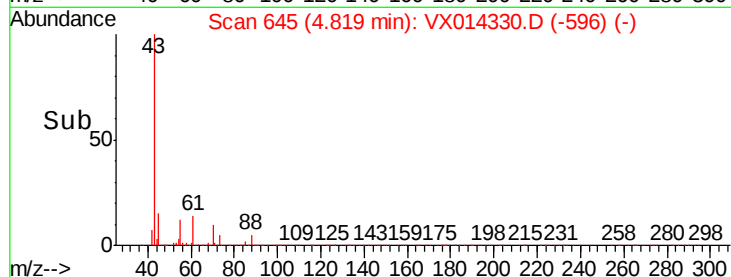
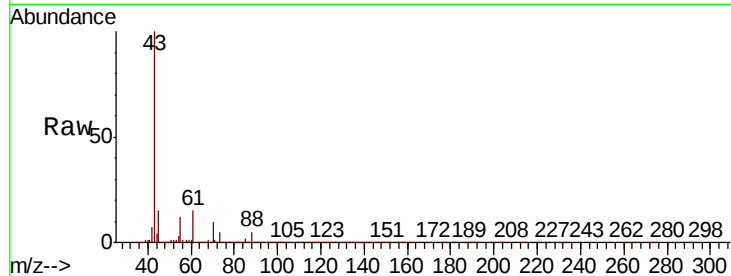
#37
Ethyl Acetate
Concen: 52.270 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	390013
Ion Ratio	Lower	Upper	
43	100		
61	13.9	10.8	16.2
70	10.5	8.6	12.8

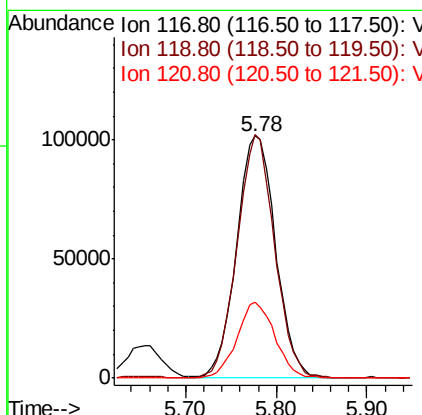
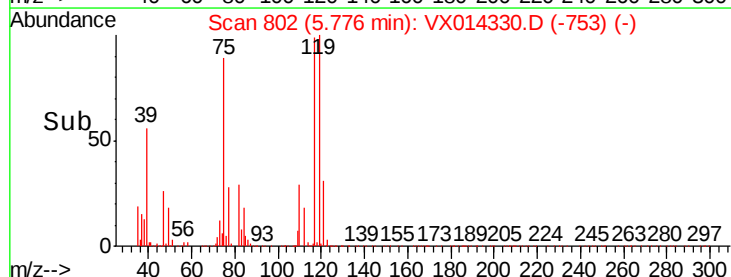
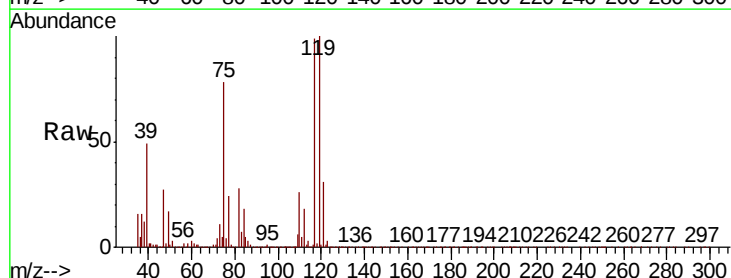
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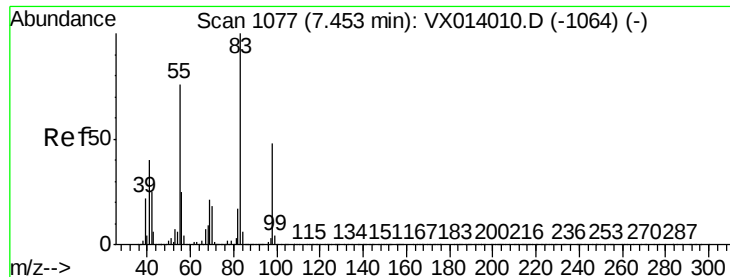
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#38
Carbon Tetrachloride
Concen: 48.933 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	117	Resp	301203
Ion Ratio	Lower	Upper	
117	100		
119	100.6	76.2	114.4
121	31.2	23.6	35.4





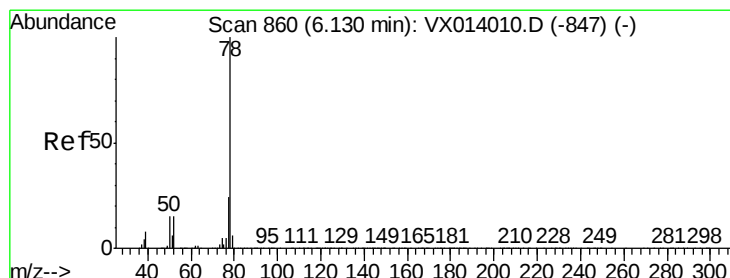
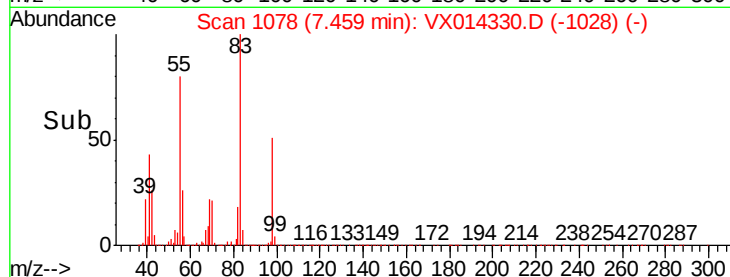
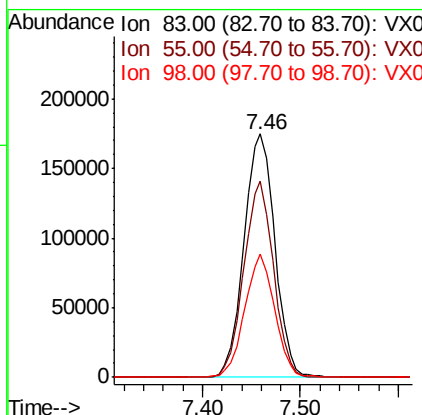
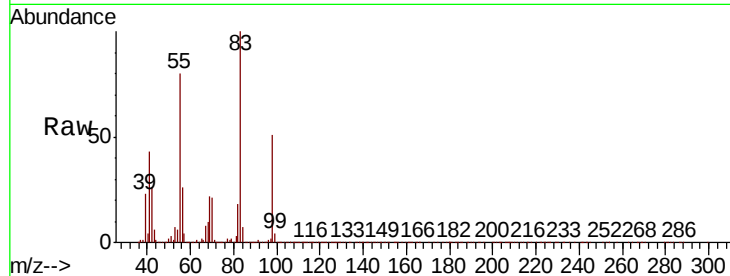
#39
Methvlcvclohexane
Concen: 45.814 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	83	Resp:	382224
Ion	Ratio	Lower	Upper
83	100		
55	80.2	61.0	91.6
98	50.6	38.6	57.8

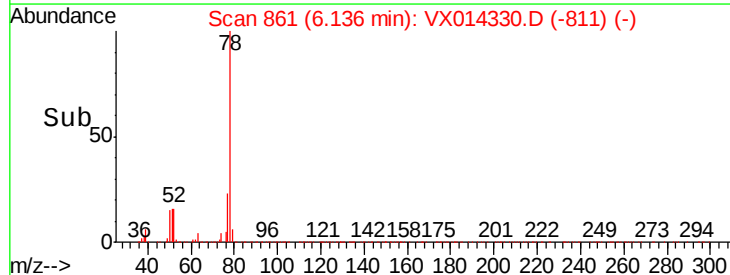
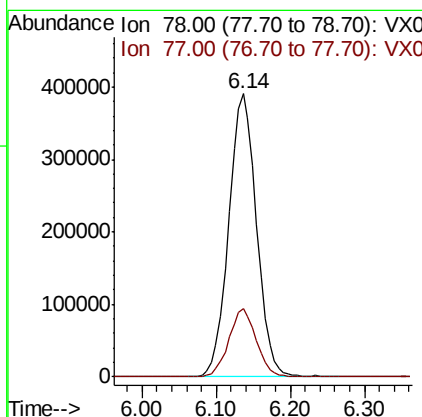
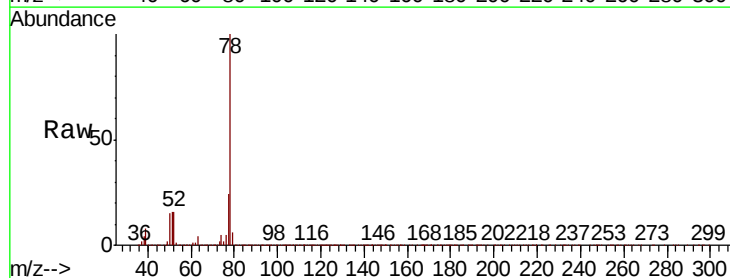
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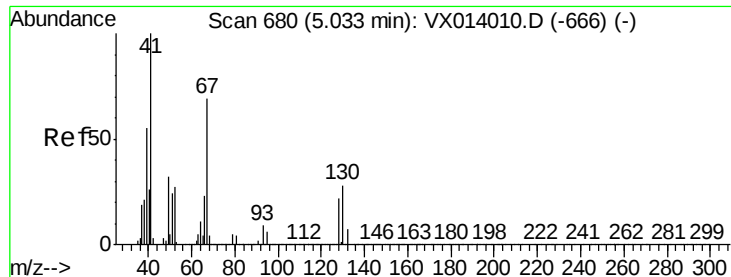
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#40
Benzene
Concen: 48.969 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion:	78	Resp:	1018058
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





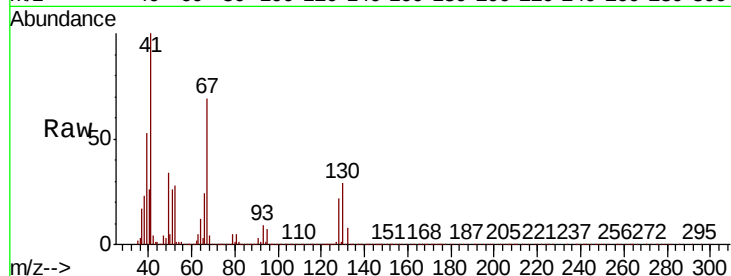
#41
Methacrylonitrile
Concen: 53.166 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

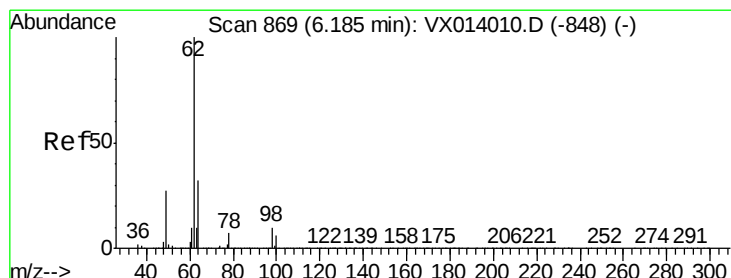
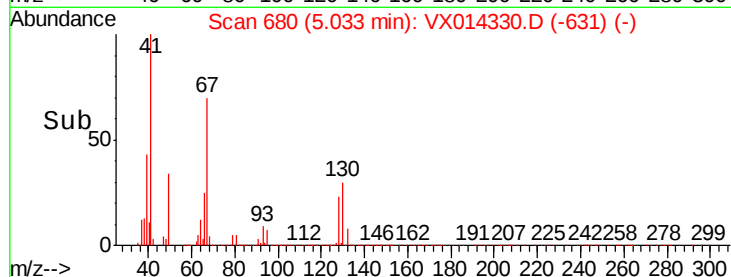
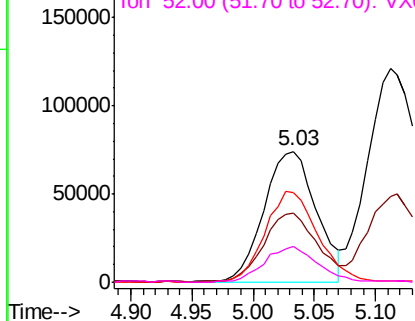
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		220107		
39	54.3	44.5	66.7		
67	70.1	57.4	86.0		
52	27.2	23.0	34.4		

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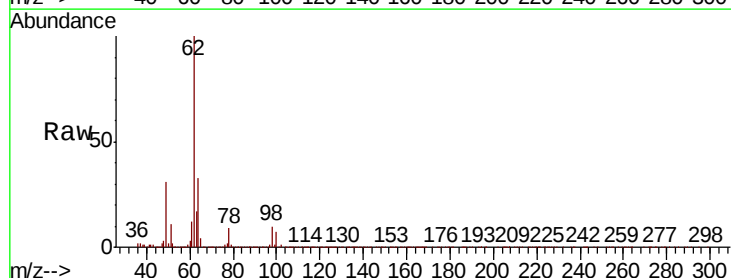


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

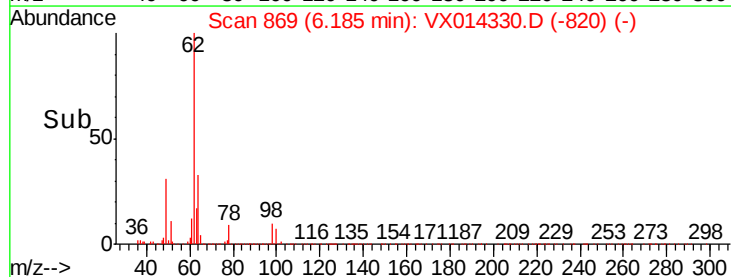
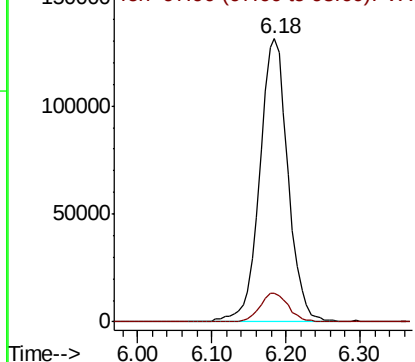


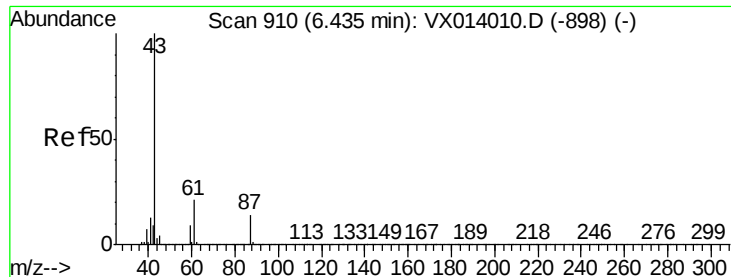
#42
1,2-Dichloroethane
Concen: 49.185 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		346621		
98	10.1	0.0	21.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

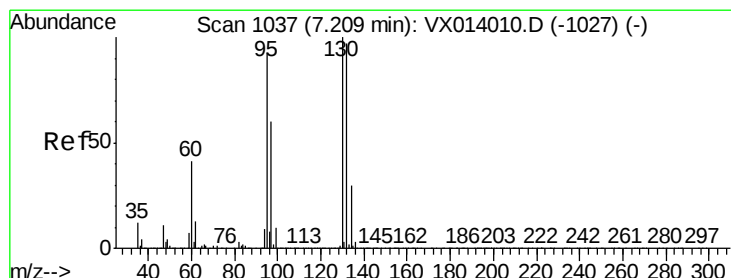
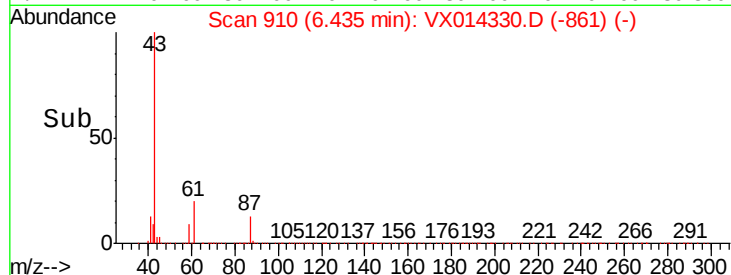
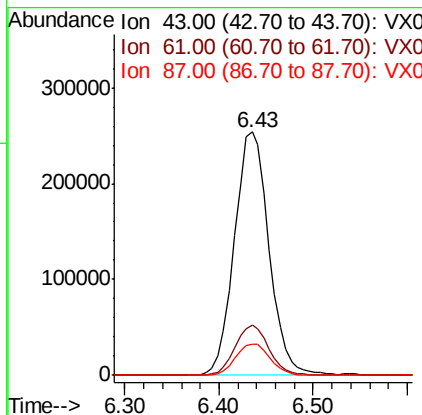
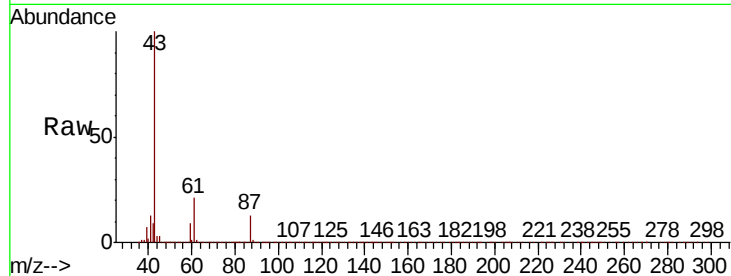
Isopropyl Acetate
 Concen: 52.297 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	12.9	10.7	16.1

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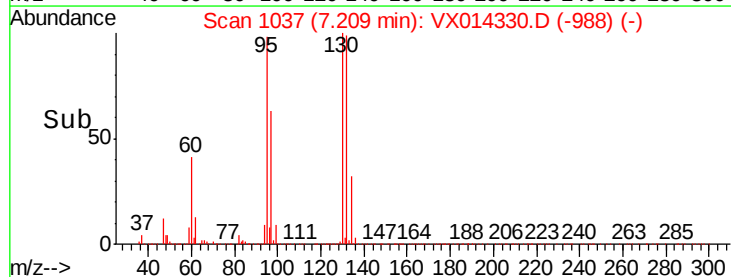
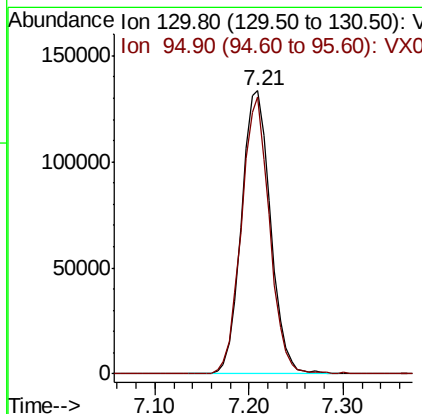
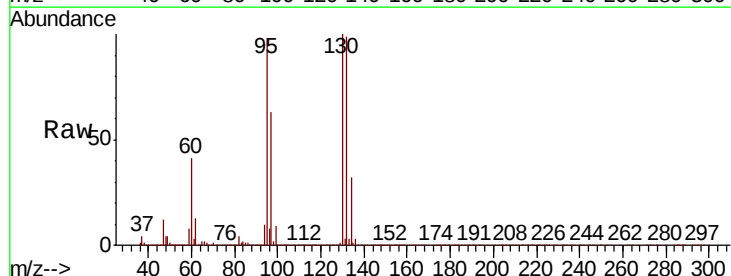
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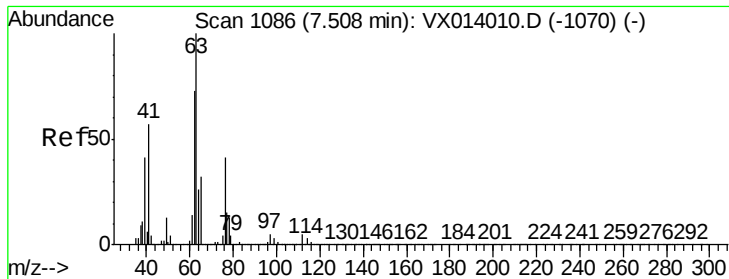


#44

Trichloroethene
 Concen: 50.308 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.994 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 271731

Ion Ratio Lower Upper

63 100

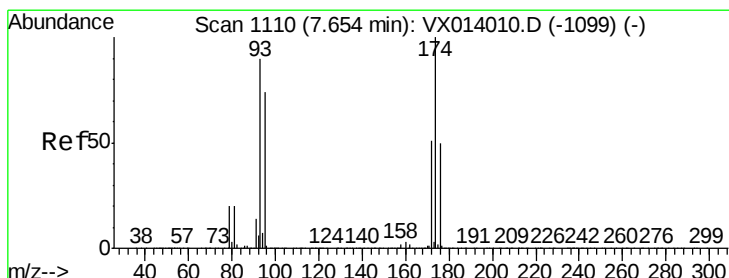
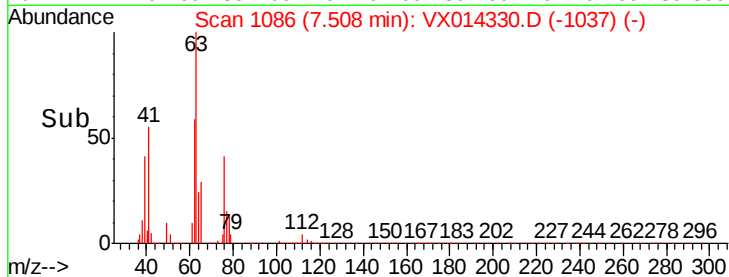
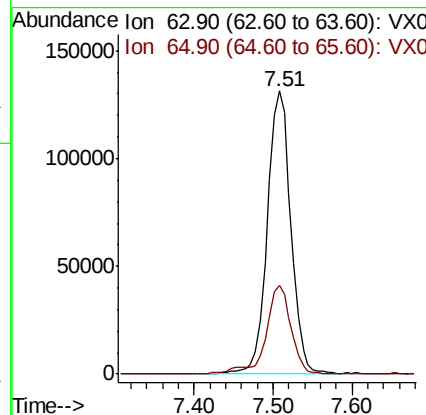
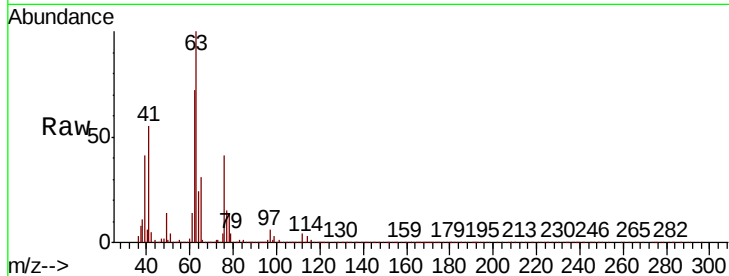
65 31.2 25.8 38.8

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#46

Dibromomethane

Concen: 48.591 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

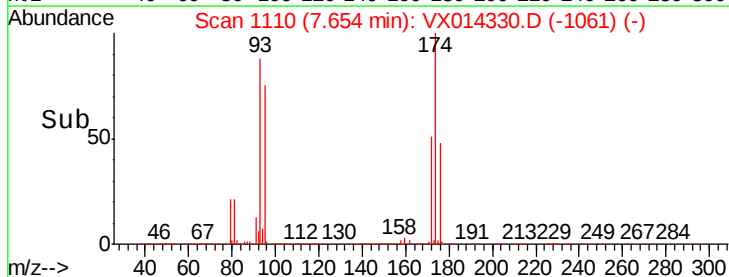
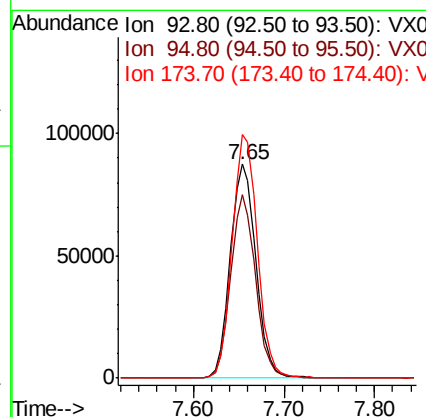
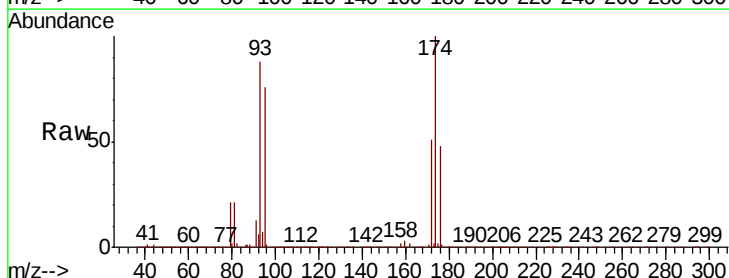
Tgt Ion: 93 Resp: 171189

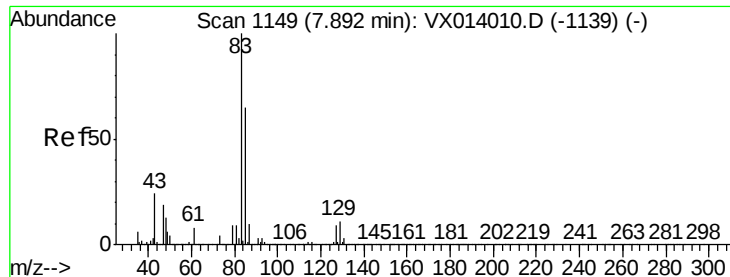
Ion Ratio Lower Upper

93 100

95 82.9 67.3 100.9

174 112.6 91.6 137.4





#47

Bromodichloromethane

Concen: 50.368 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

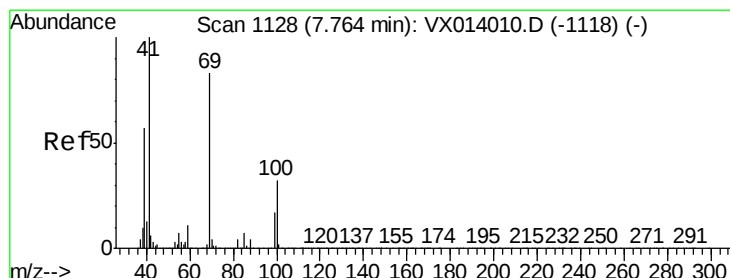
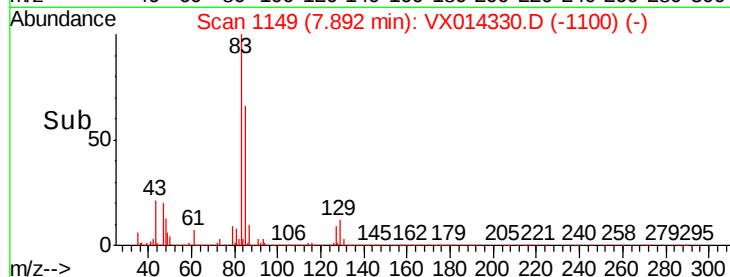
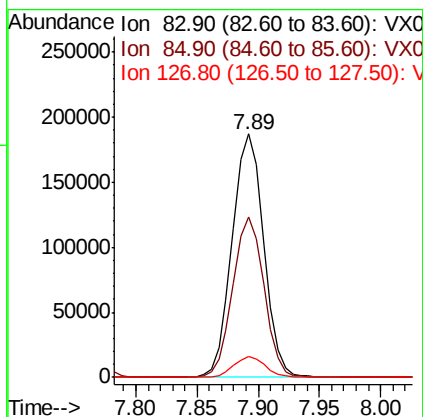
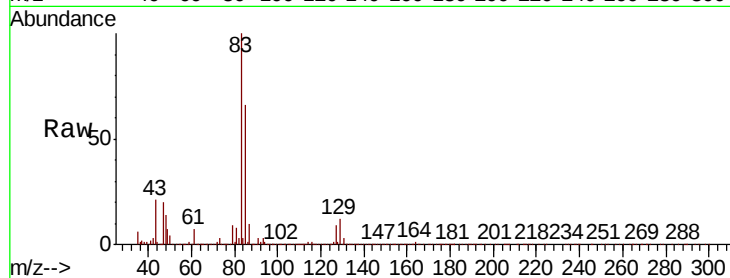
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	334199
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.8	77.8
127	8.5	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.214 ug/l

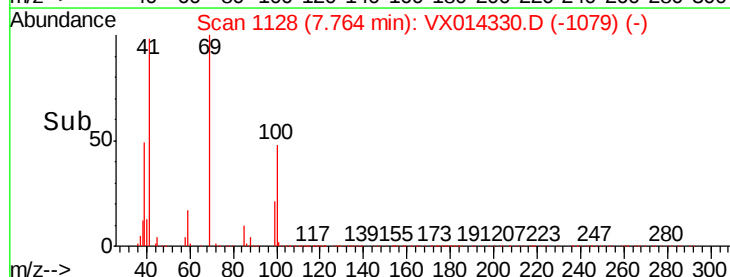
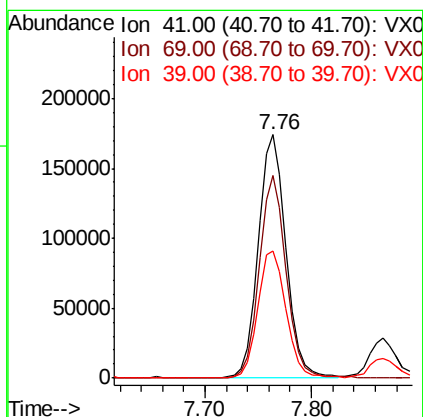
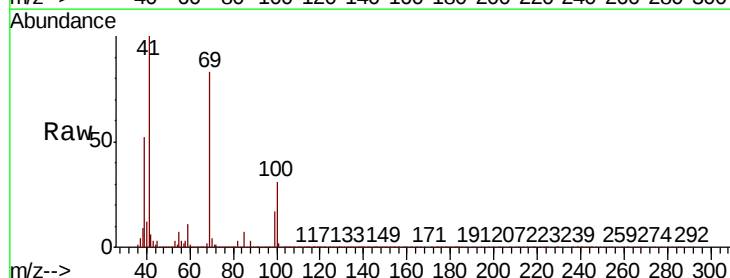
RT: 7.76 min Scan# 1128

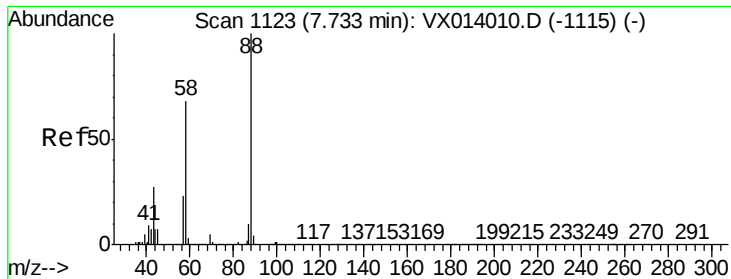
Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	41	Resp:	315718
Ion Ratio	Lower	Upper	
41	100		
69	81.1	65.8	98.6
39	53.2	44.6	67.0





#49

1,4-Dioxane

Concen: 912.952 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

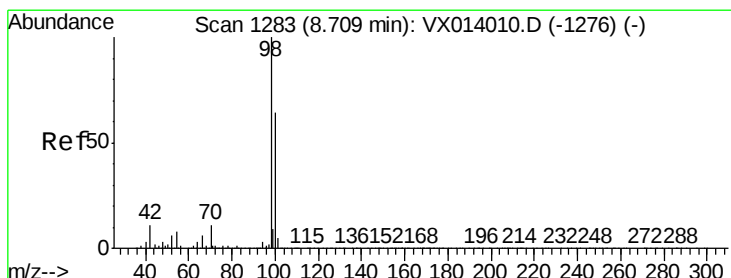
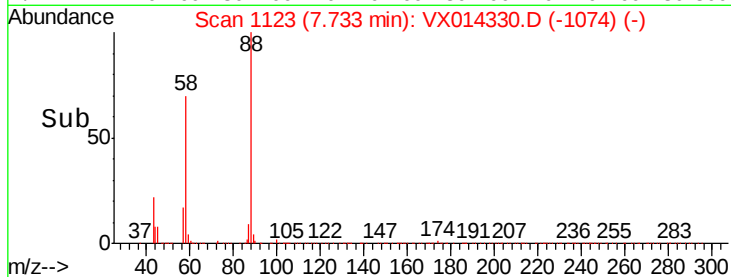
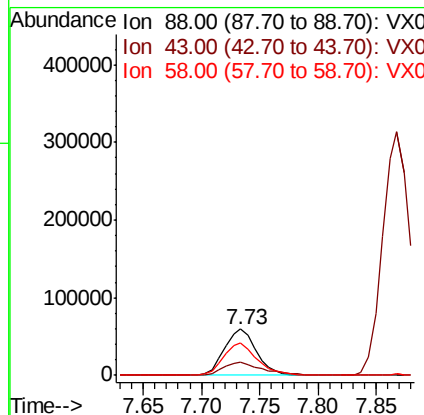
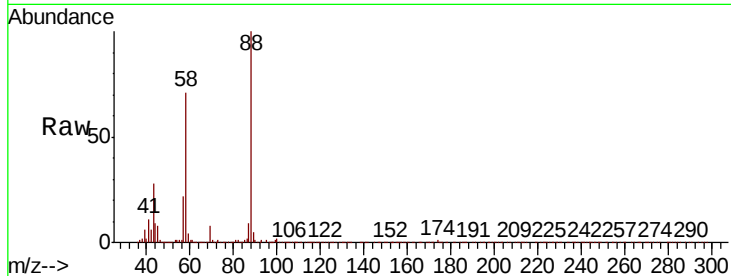
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	112339
Ion Ratio		Lower	Upper
88	100		
43	33.3	26.5	39.7
58	72.4	56.8	85.2

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#50

Toluene-d8

Concen: 49.438 ug/l

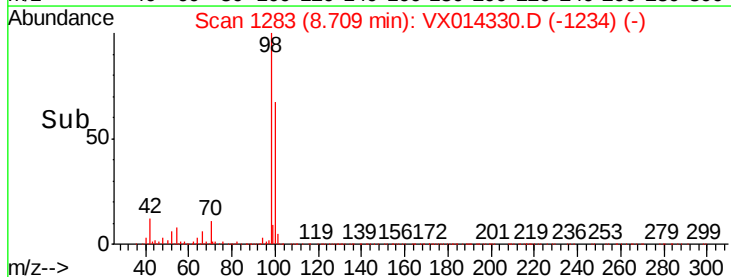
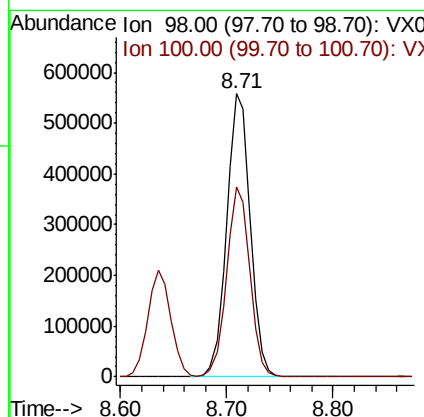
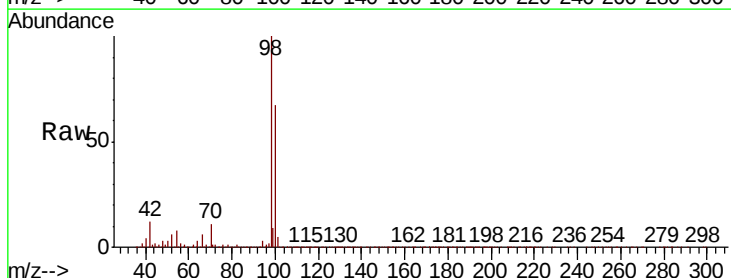
RT: 8.71 min Scan# 1283

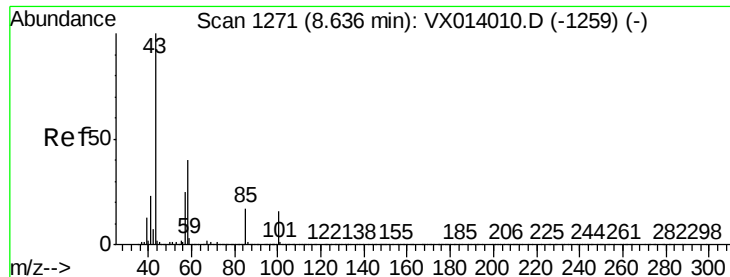
Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	98	Resp:	861597
Ion Ratio		Lower	Upper
98	100		
100	66.2	52.9	79.3





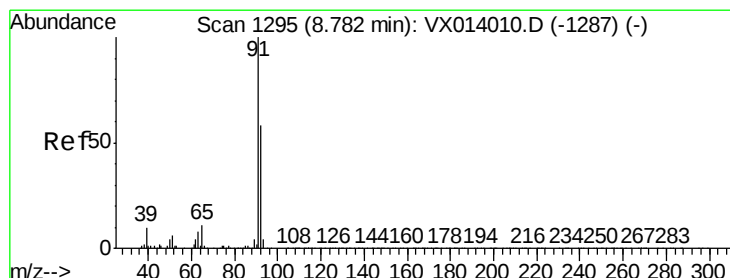
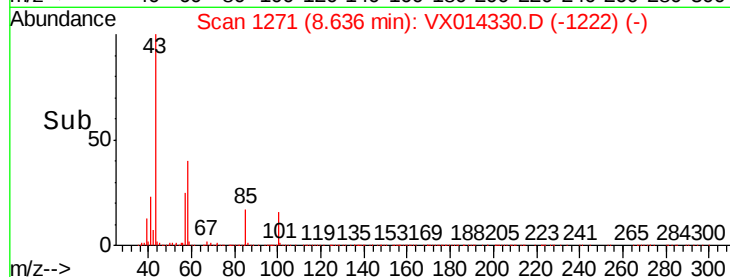
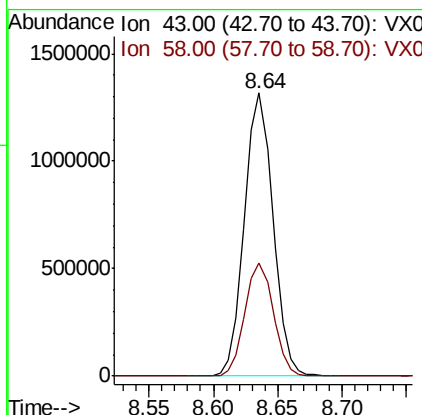
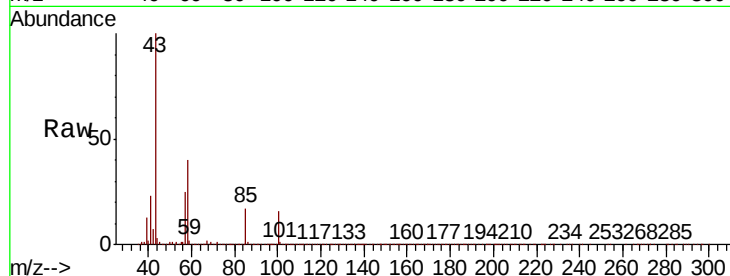
#51
4-Methyl-2-Pentanone
Concen: 260.929 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.2	48.2

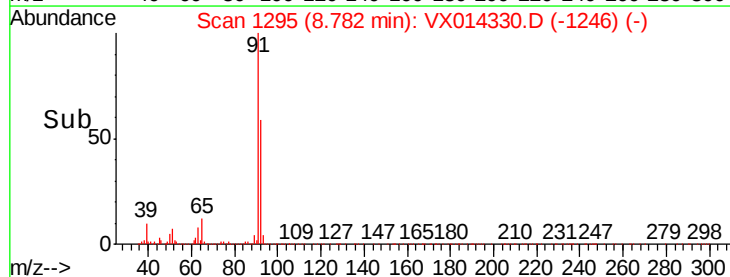
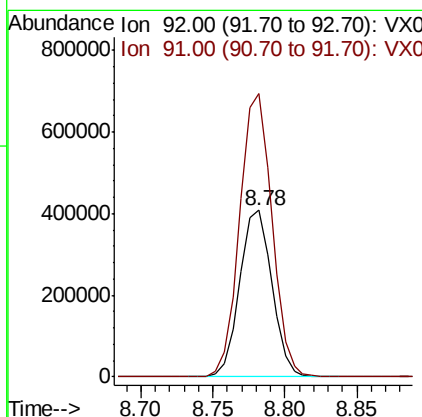
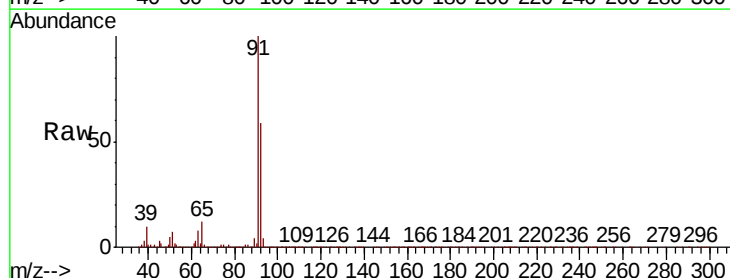
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#52
Toluene
Concen: 48.367 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.2	204.4





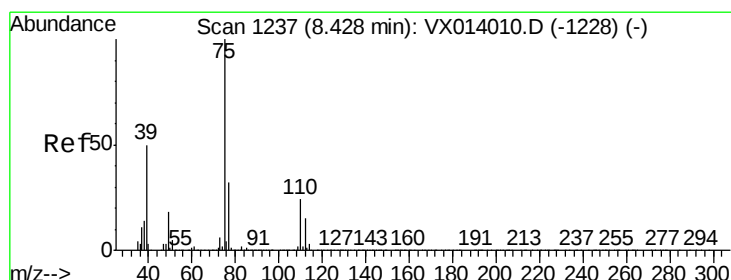
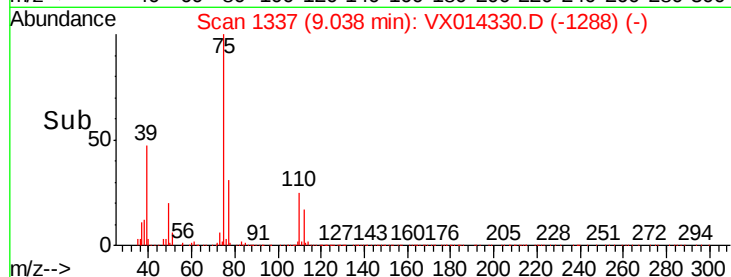
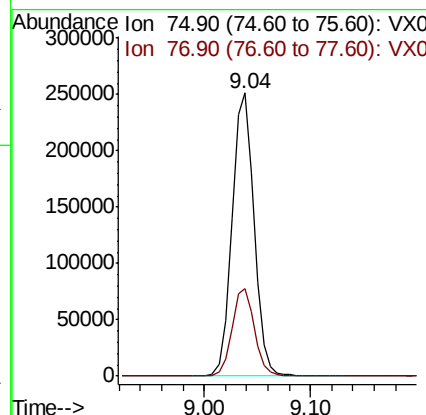
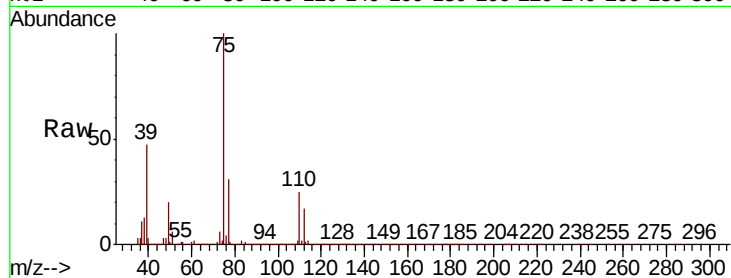
#53
t-1,3-Dichloropropene
Concen: 50.241 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.1	37.7

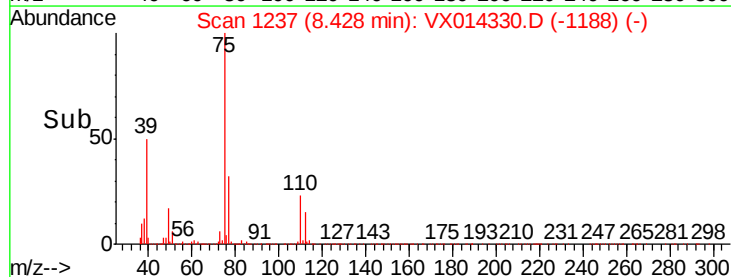
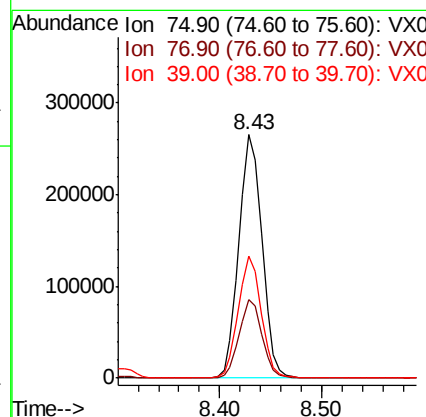
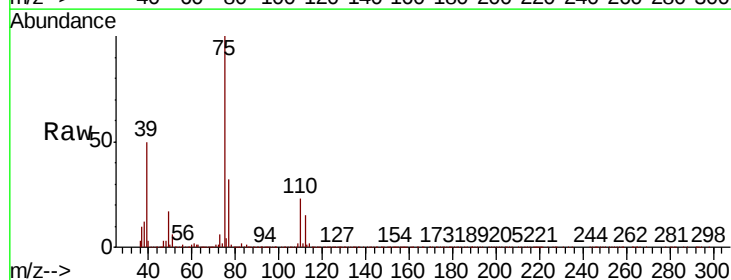
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#54
cis-1,3-Dichloropropene
Concen: 51.227 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	50.0	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 50.672 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

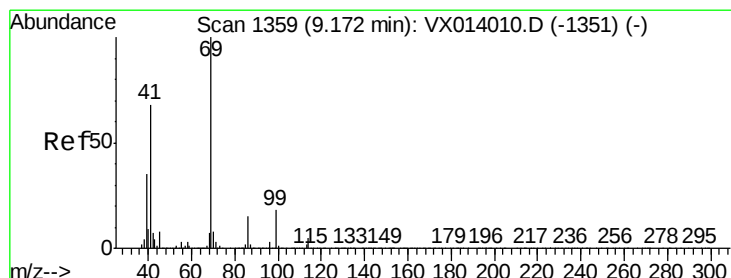
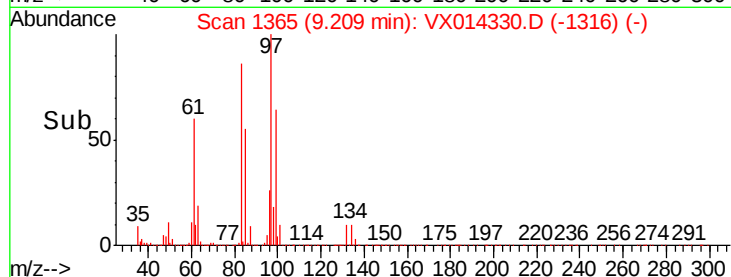
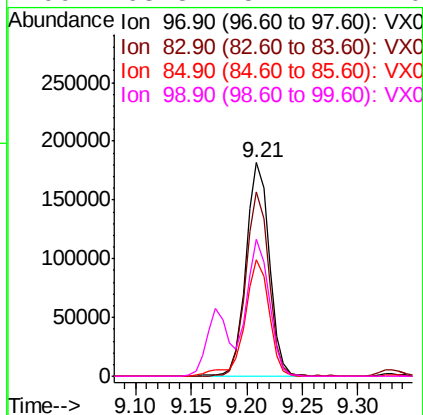
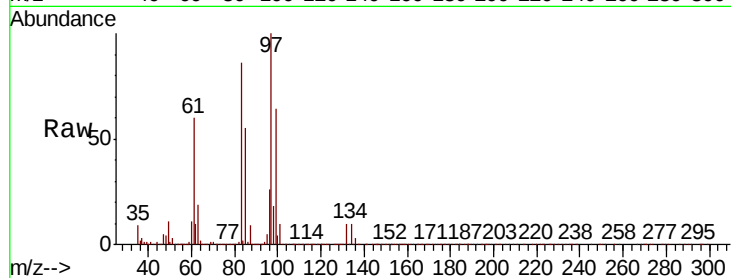
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	266871
Ion Ratio	Lower	Upper	
97	100		
83	86.1	68.2	102.4
85	54.6	44.6	66.8
99	63.8	51.4	77.0

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#56

Ethyl methacrylate

Concen: 51.778 ug/l

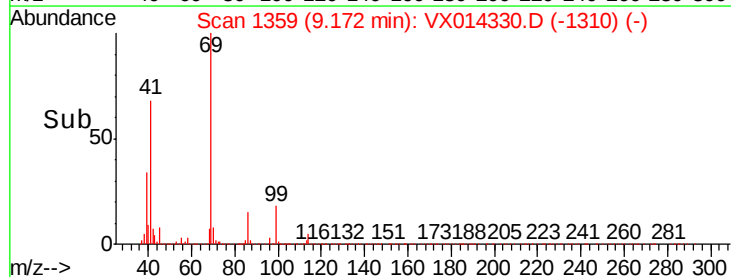
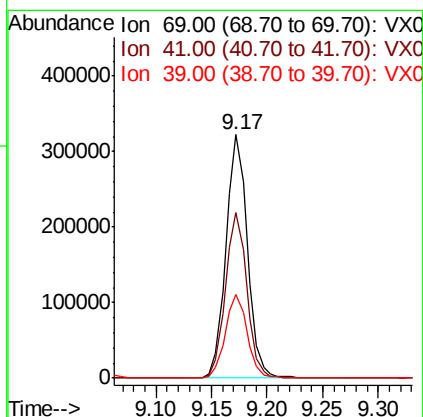
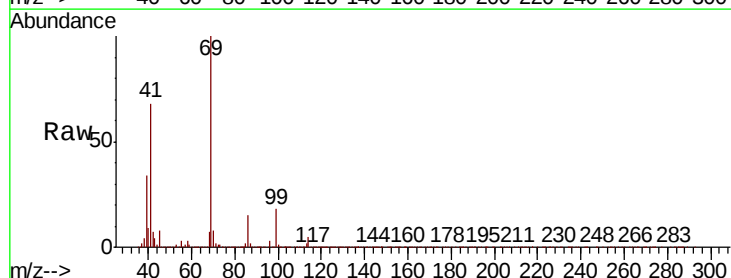
RT: 9.17 min Scan# 1359

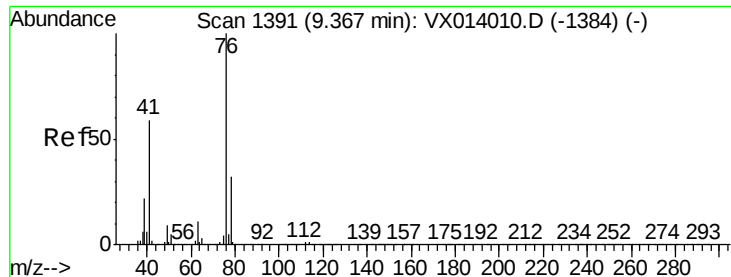
Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	69	Resp:	428359
Ion Ratio	Lower	Upper	
69	100		
41	68.2	54.8	82.2
39	34.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.672 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 449010

Ion Ratio Lower Upper

76 100

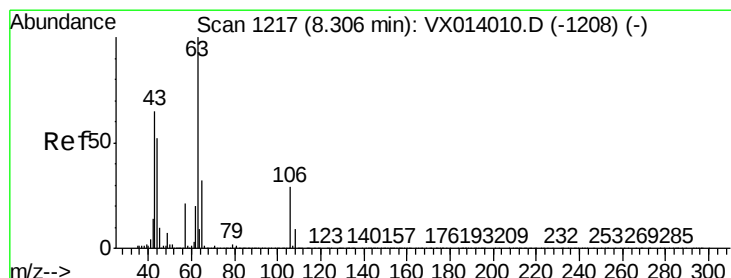
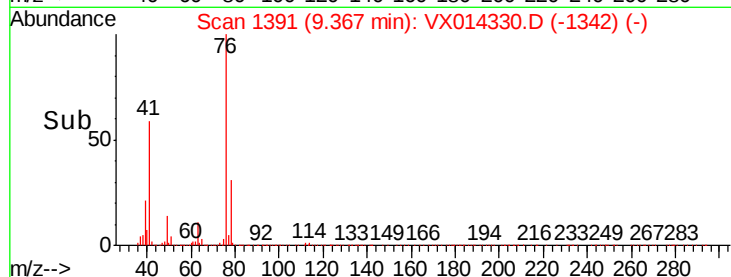
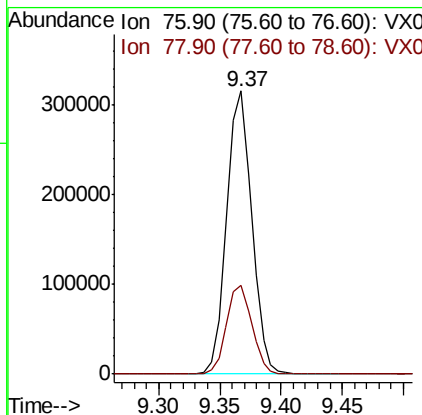
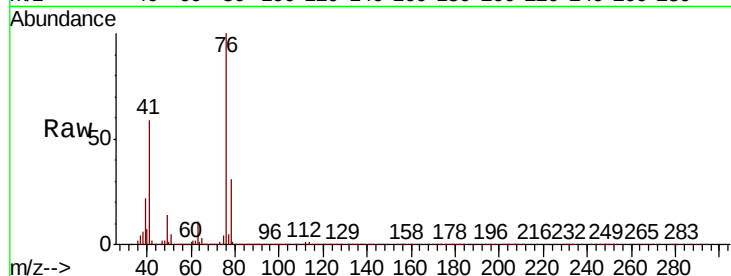
78 31.9 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 265.278 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014330.D

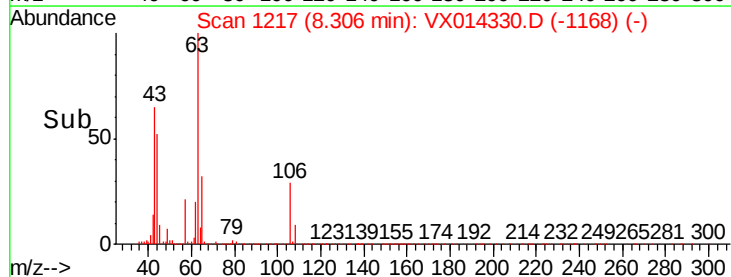
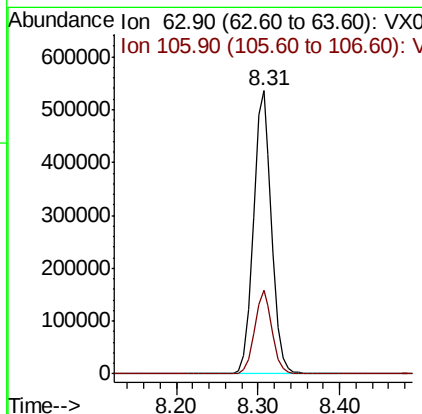
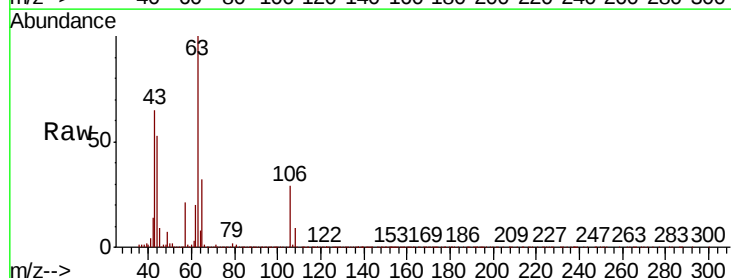
Acq: 27 Dec 2019 23:54

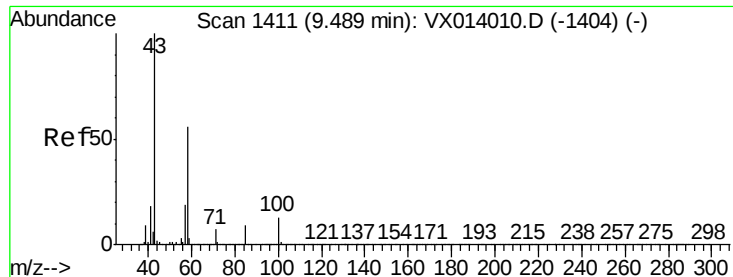
Tgt Ion: 63 Resp: 830535

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





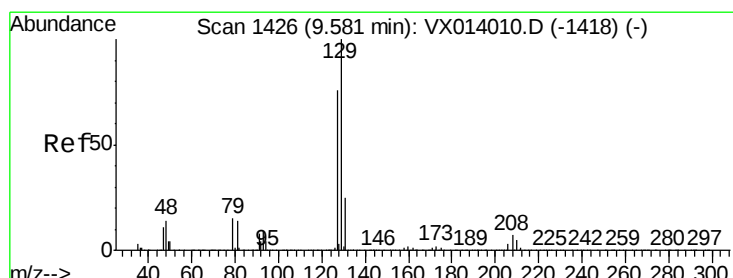
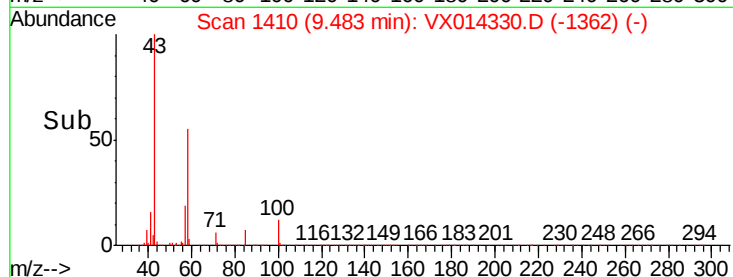
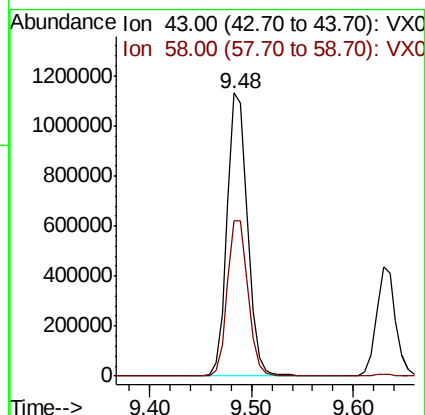
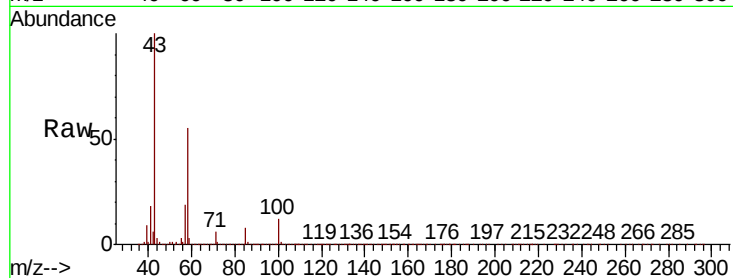
#59
2-Hexanone
Concen: 250.647 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1564730
Ion Ratio Lower Upper
43 100
58 56.2 28.0 84.0

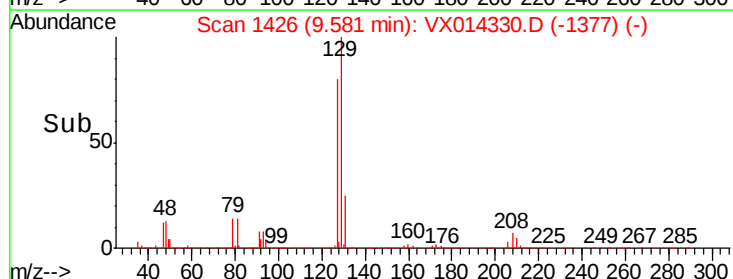
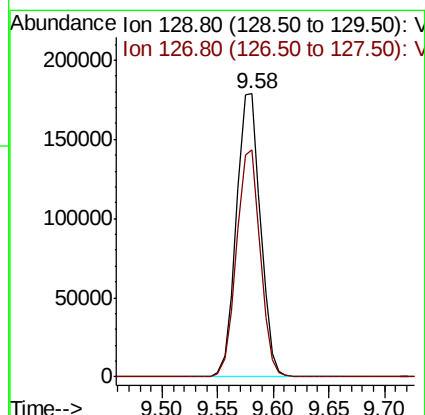
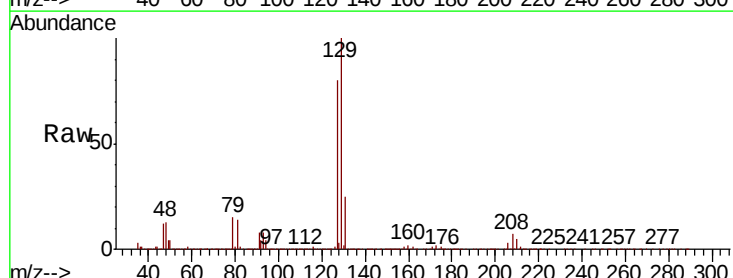
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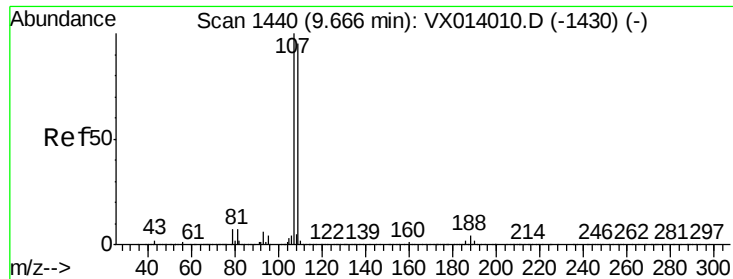
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#60
Dibromochloromethane
Concen: 51.122 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion: 129 Resp: 267628
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.816 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 273828

Ion Ratio Lower Upper

107 100

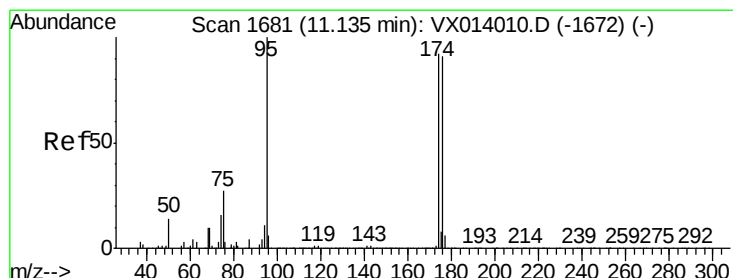
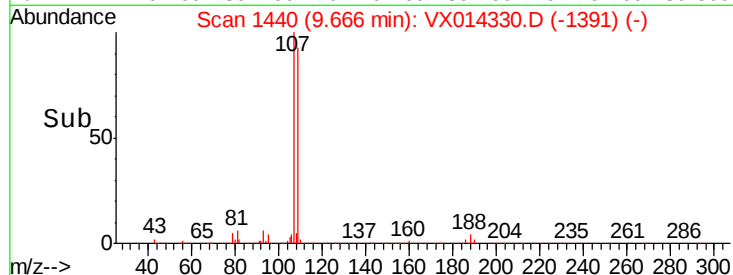
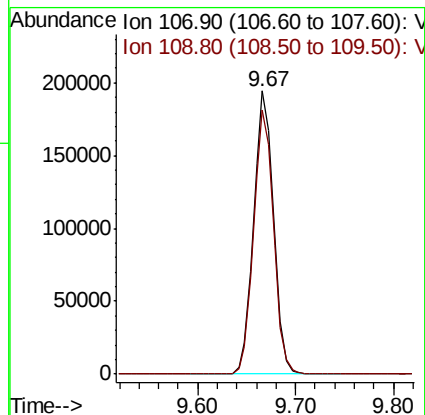
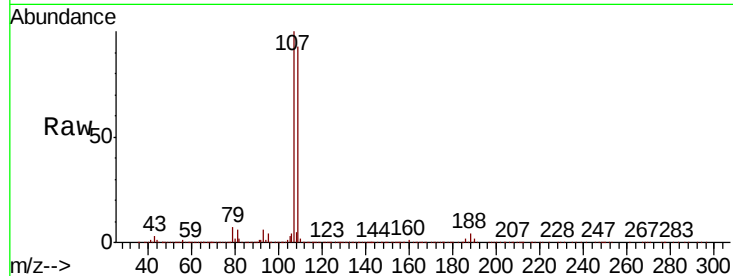
109 93.8 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.185 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

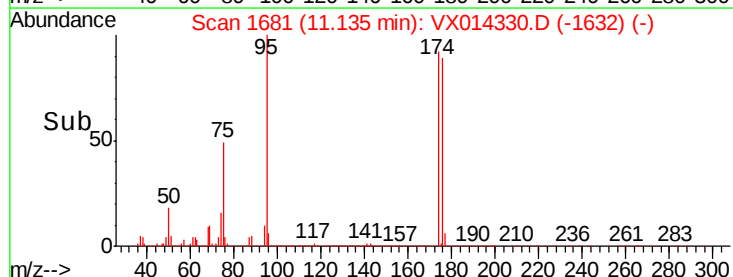
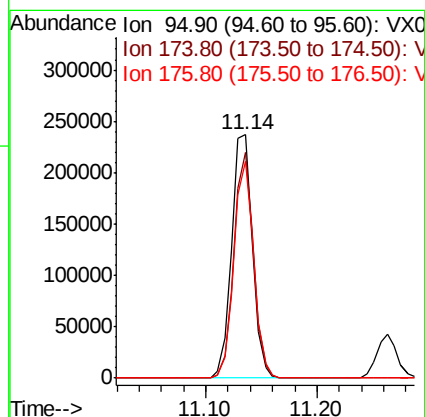
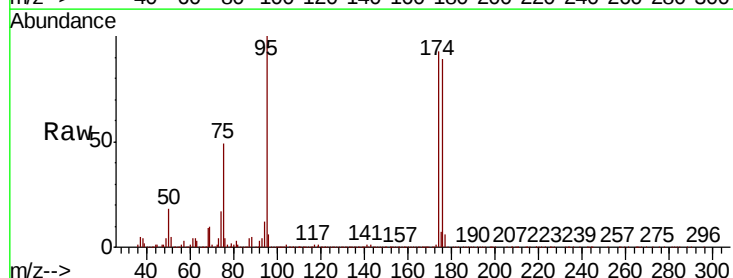
Tgt Ion: 95 Resp: 306970

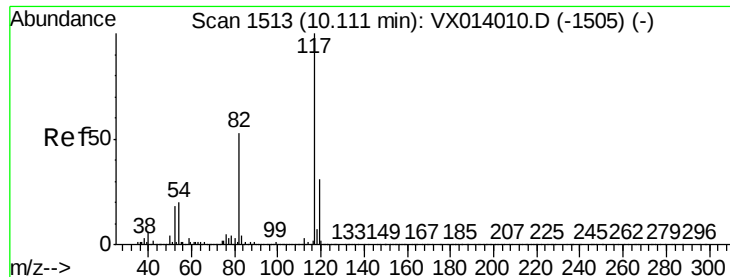
Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.8

176 84.9 0.0 173.0





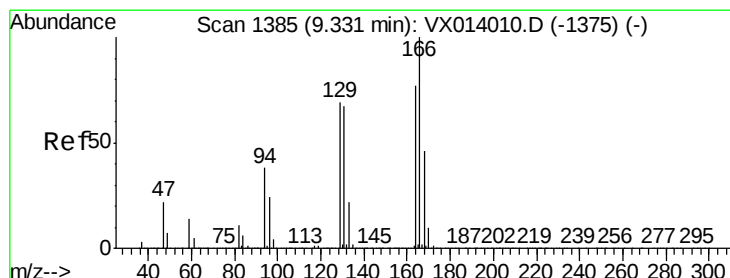
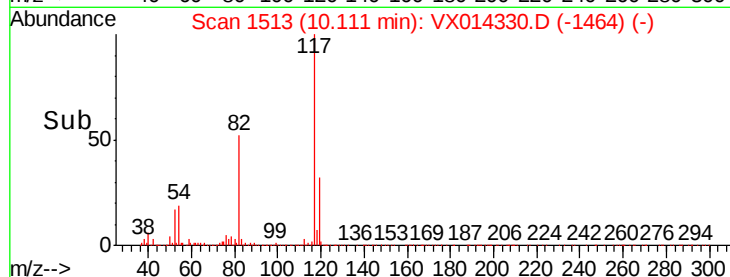
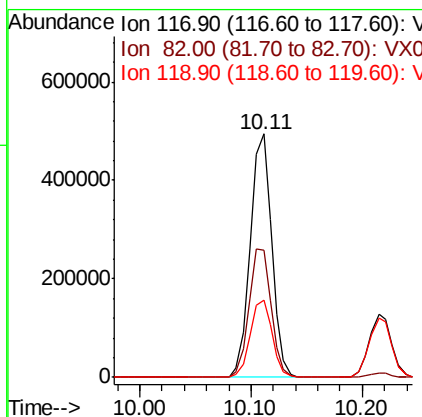
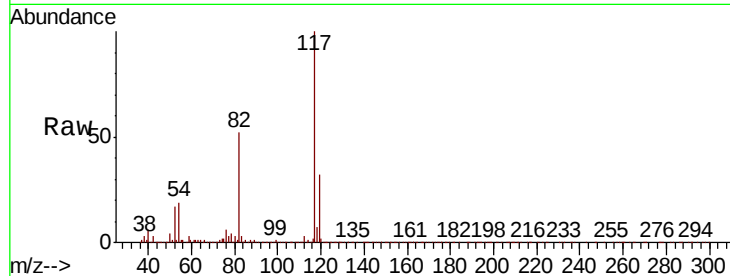
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	31.7	25.1	37.7

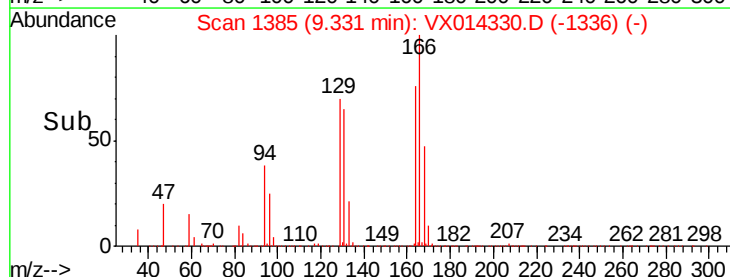
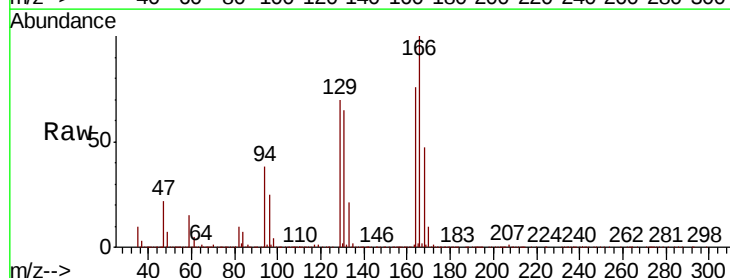
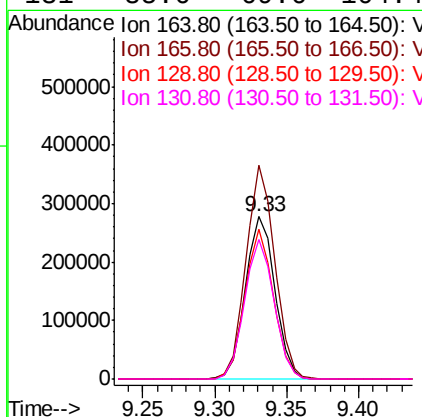
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#64
Tetrachloroethene
Concen: 66.668 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	104.0	156.0
129	91.9	72.2	108.4
131	85.6	69.6	104.4





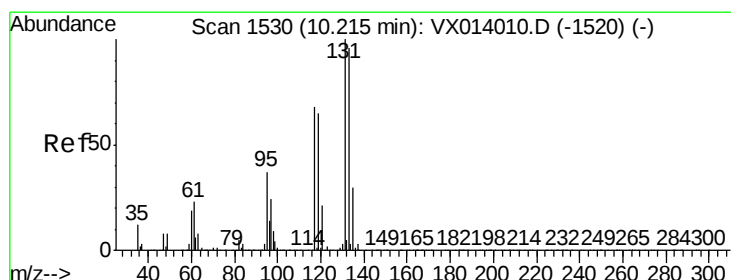
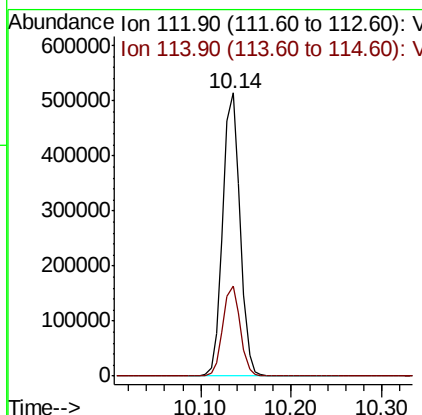
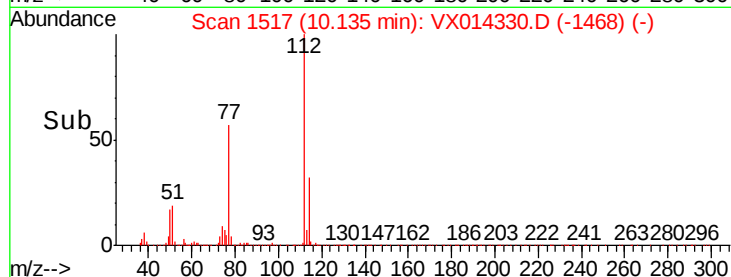
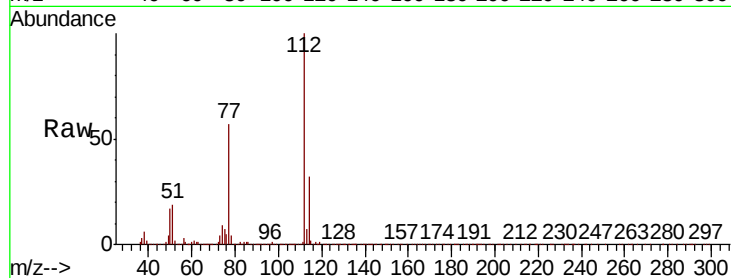
#65
Chlorobenzene
Concen: 48.506 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.9	37.3

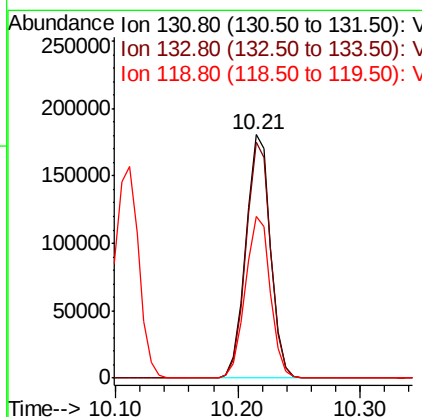
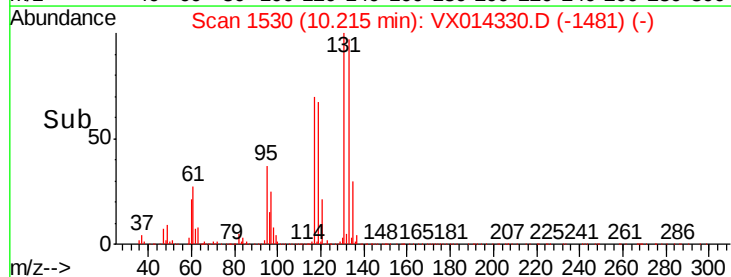
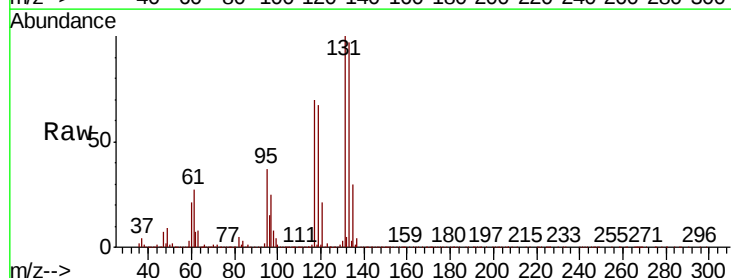
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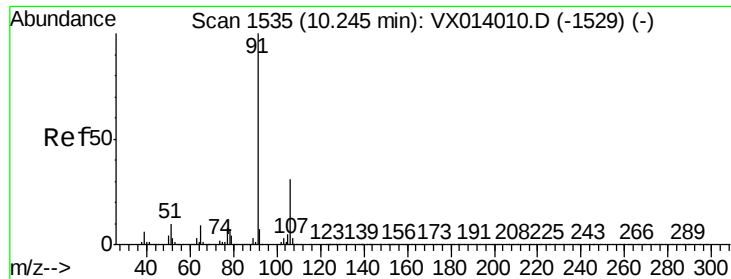
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.269 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.0
119	67.2	33.4	100.2





#67

Ethyl Benzene

Concen: 49.606 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1205340

Ion Ratio Lower Upper

91 100

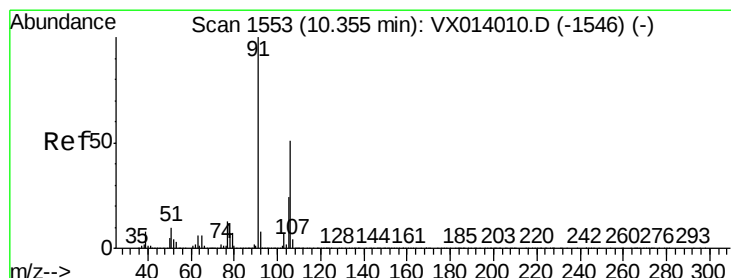
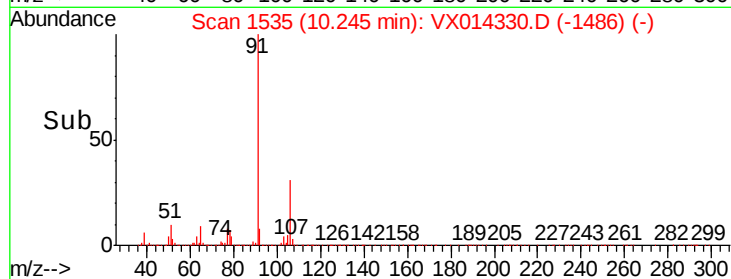
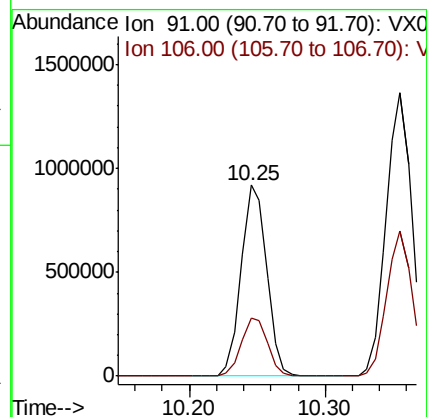
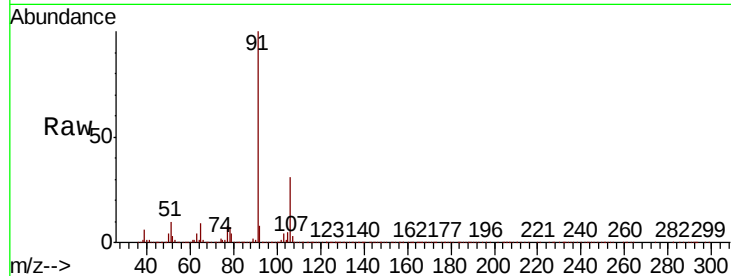
106 30.7 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 97.807 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014330.D

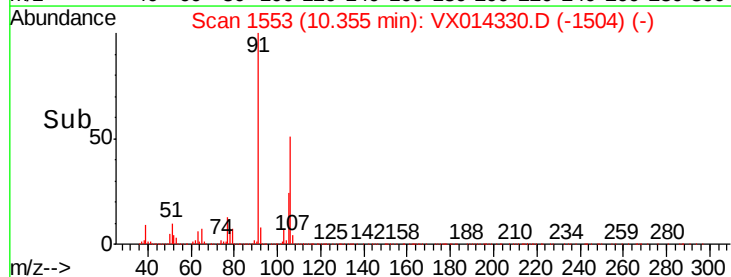
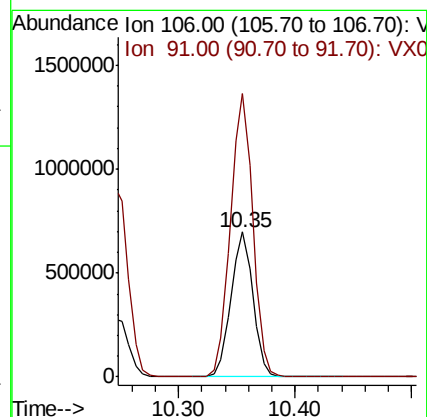
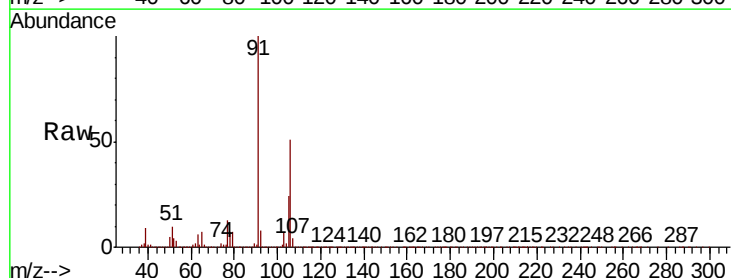
Acq: 27 Dec 2019 23:54

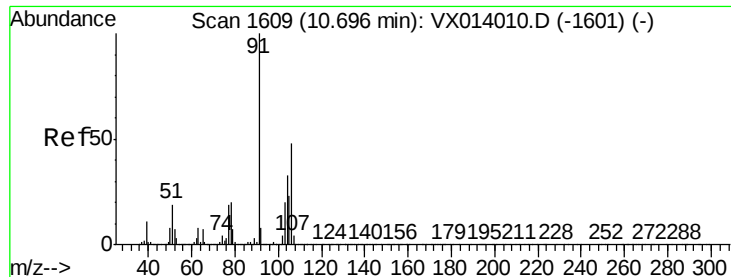
Tgt Ion: 106 Resp: 914051

Ion Ratio Lower Upper

106 100

91 197.9 158.6 238.0





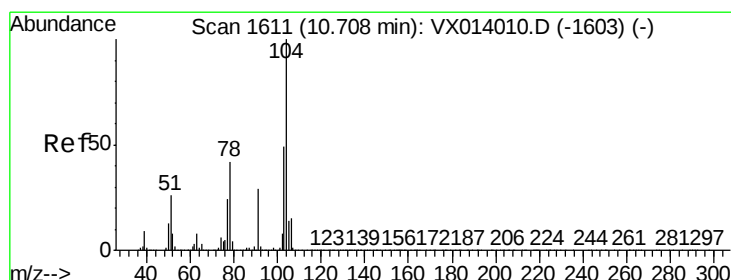
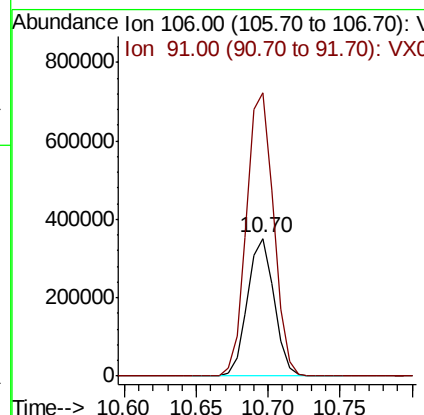
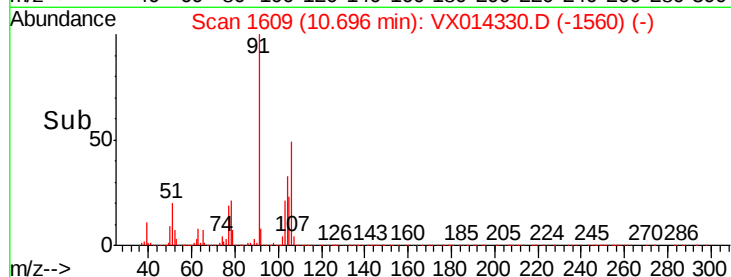
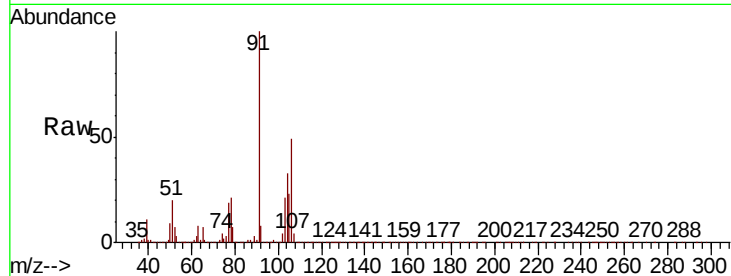
#69
o-Xylene
Concen: 48.913 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	104.2	312.6

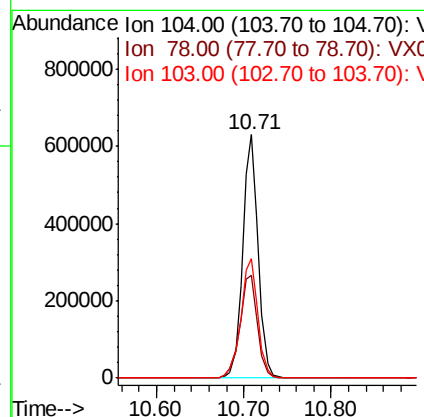
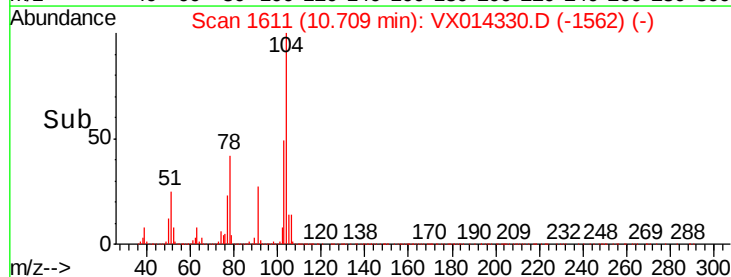
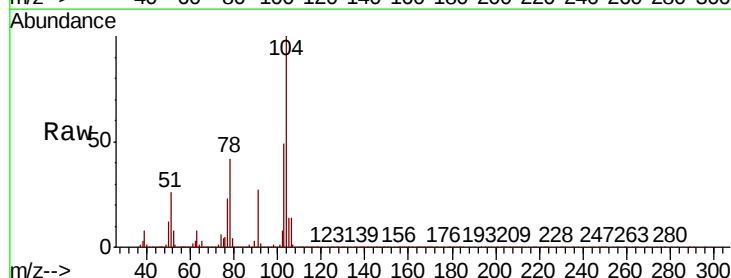
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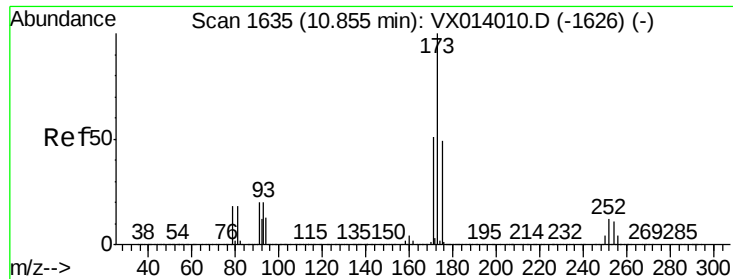
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#70
Styrene
Concen: 50.313 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.5	57.7
103	53.8	42.9	64.3





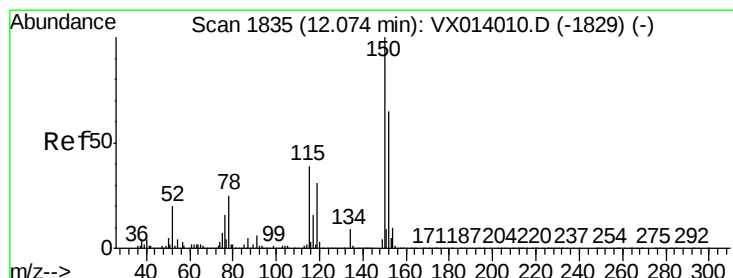
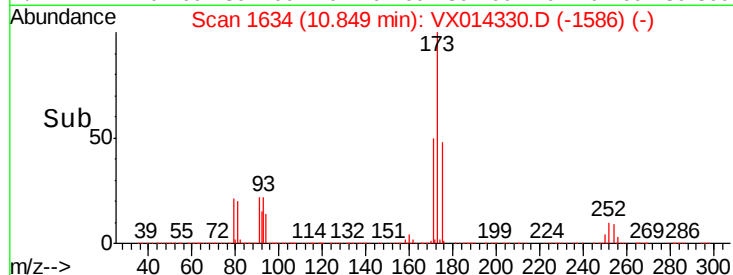
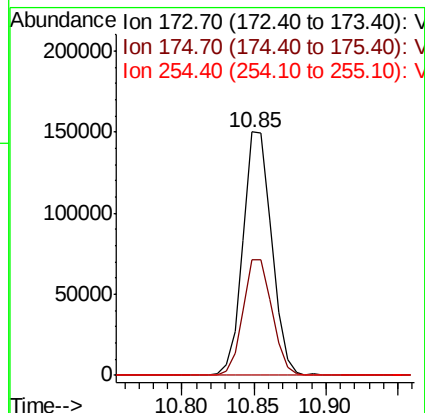
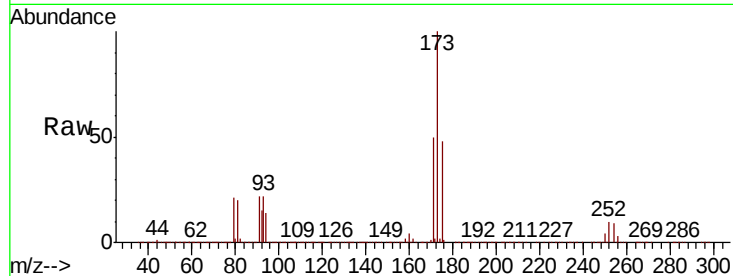
#71
Bromoform
Concen: 51.051 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.4	73.4
254	0.3	0.2	0.2#

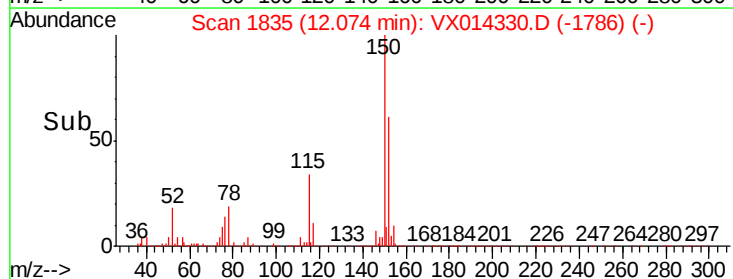
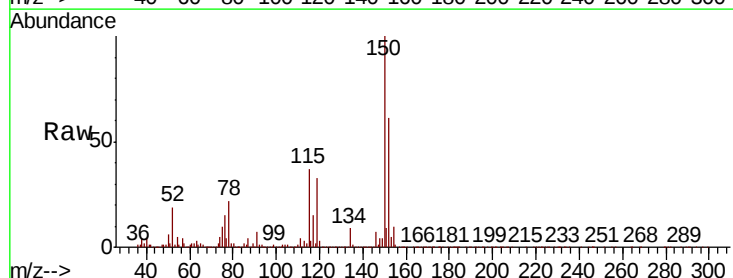
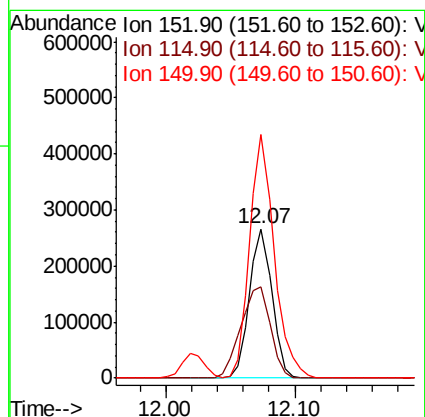
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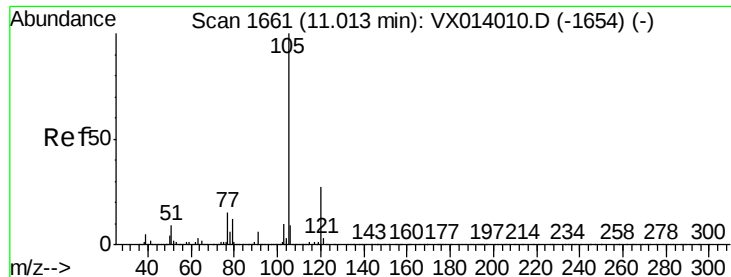
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	38.3	114.9
150	178.0	0.0	345.4





#73

Isopropylbenzene

Concen: 51.646 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1164605

Ion Ratio Lower Upper

105 100

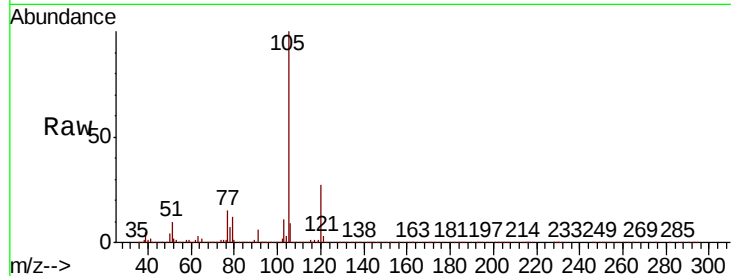
120 26.9 13.5 40.4

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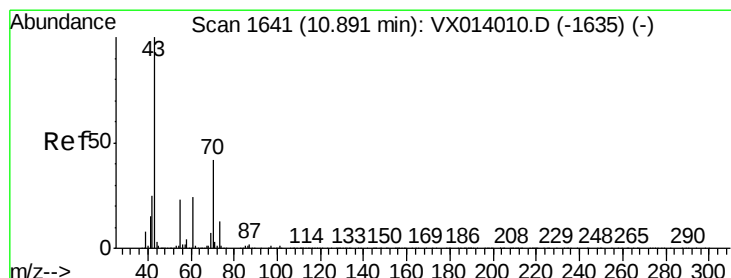
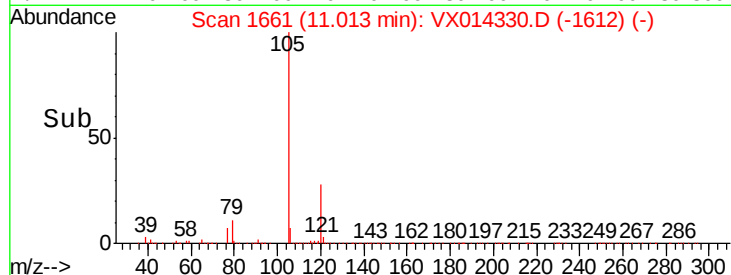
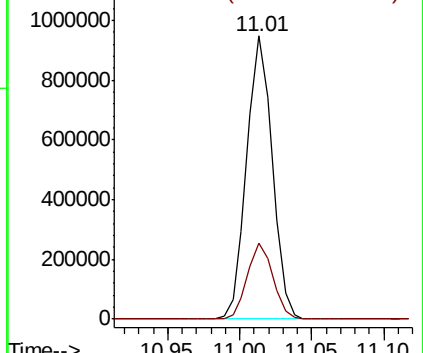
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.673 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion: 43 Resp: 556759

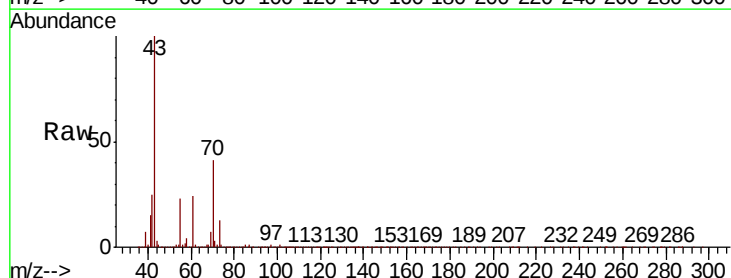
Ion Ratio Lower Upper

43 100

70 43.0 34.4 51.6

55 24.1 19.1 28.7

61 24.6 19.7 29.5

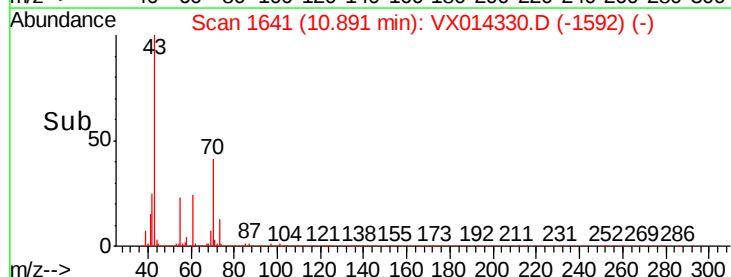
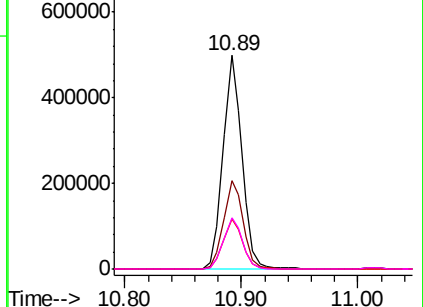


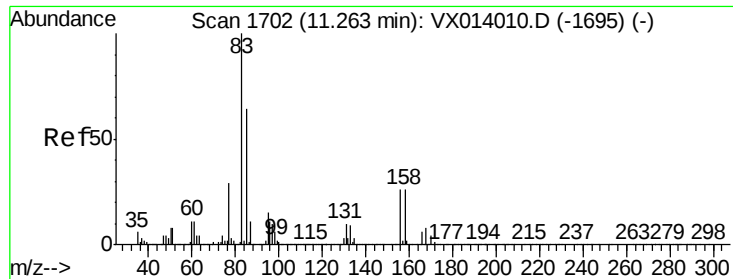
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.990 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

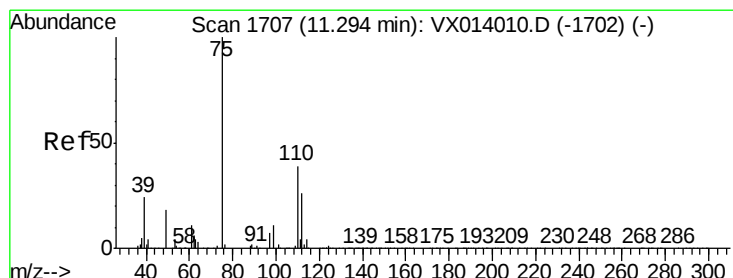
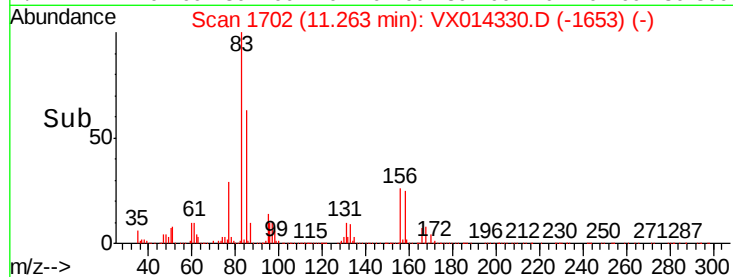
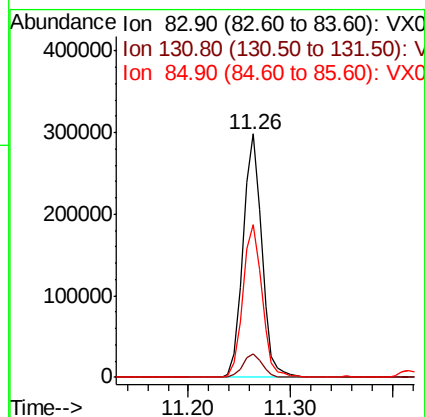
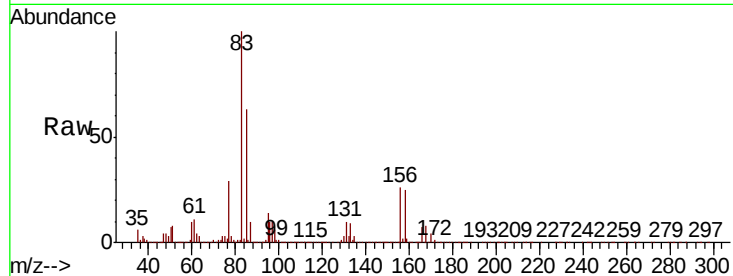
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	375182
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	64.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 47.802 ug/l m

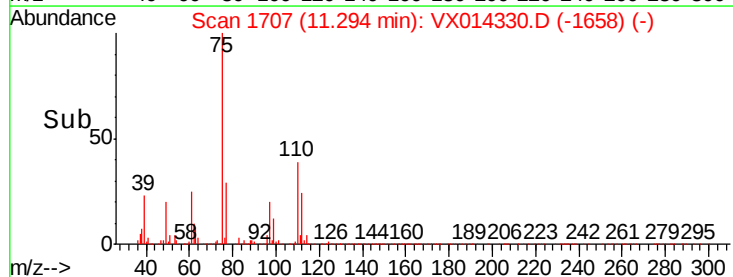
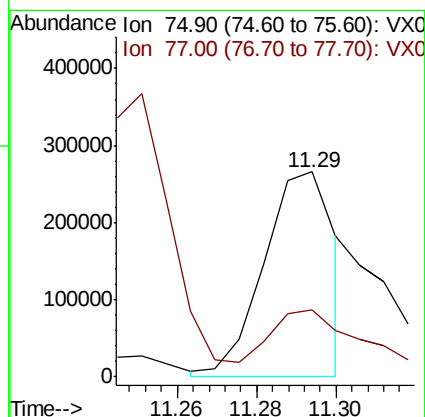
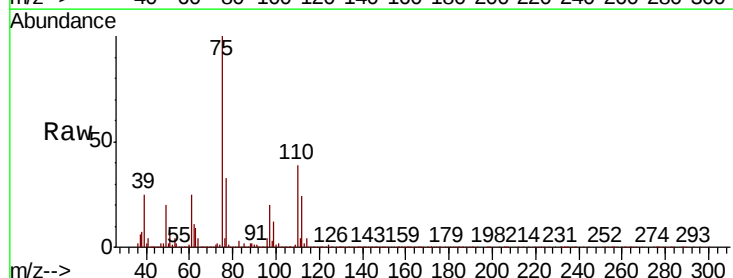
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	75	Resp:	332372
Ion Ratio	Lower	Upper	
75	100		
77	43.6	19.3	57.8





#77

Bromobenzene

Concen: 49.538 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

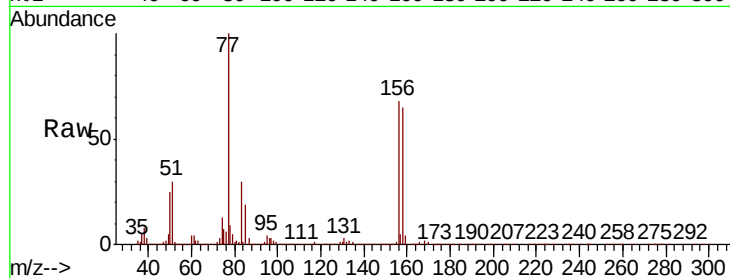
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	307347
Ion Ratio	Lower	Upper	
156	100		
77	154.8	76.5	229.5
158	96.9	49.3	147.9

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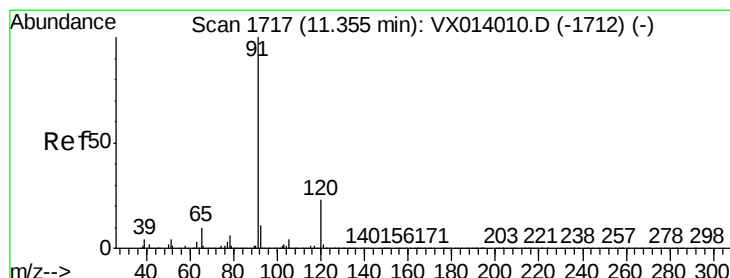
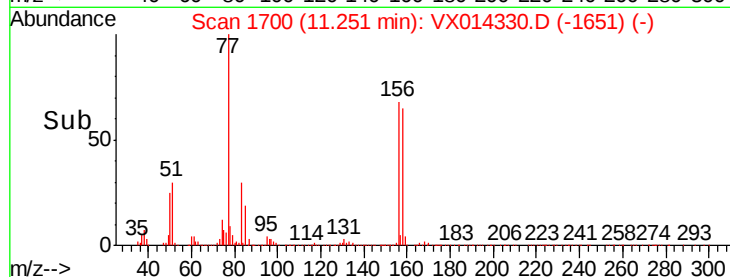
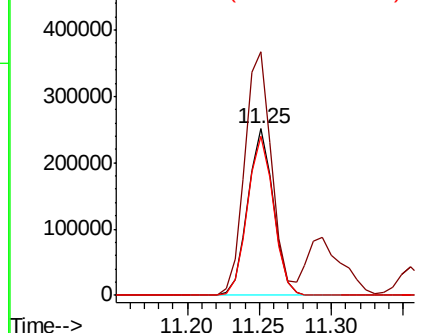
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.315 ug/l

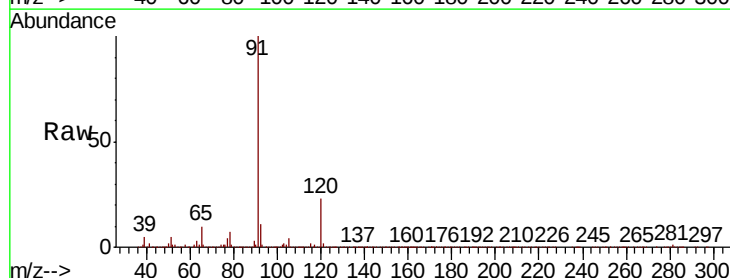
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014330.D

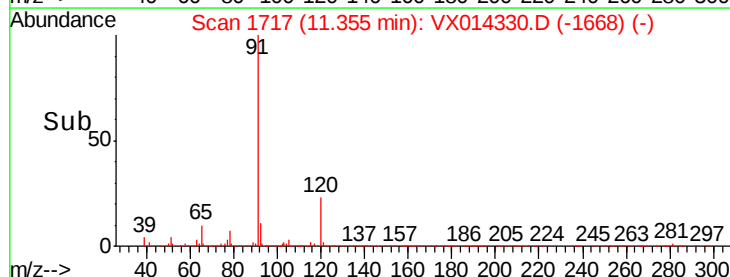
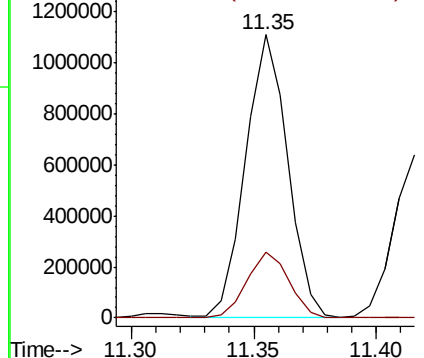
Acq: 27 Dec 2019 23:54

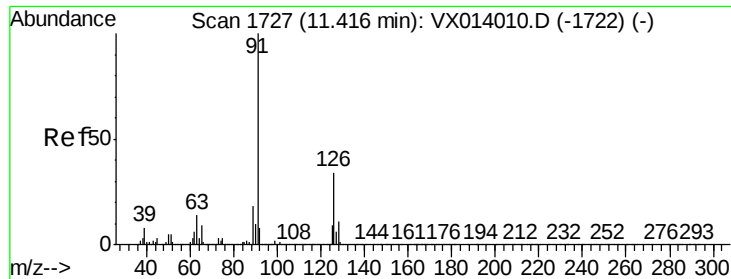
Tgt Ion:	91	Resp:	1323238
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





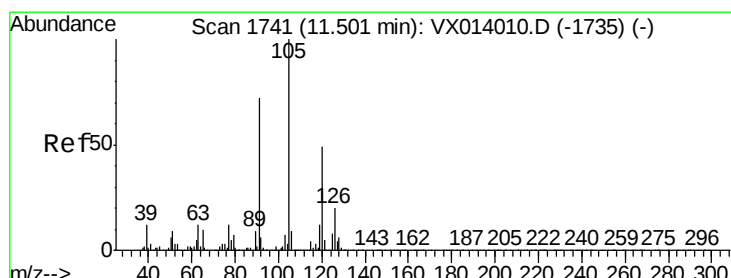
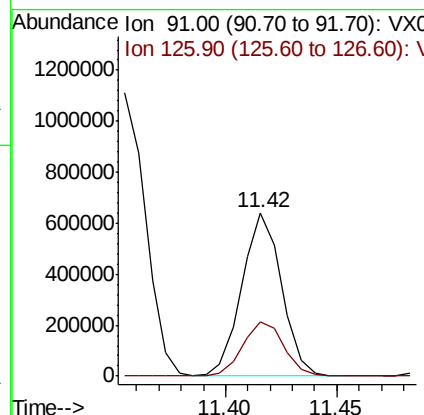
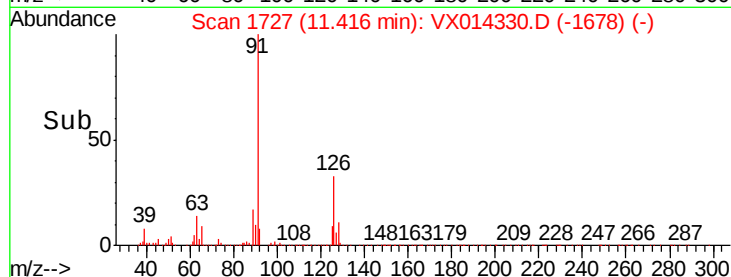
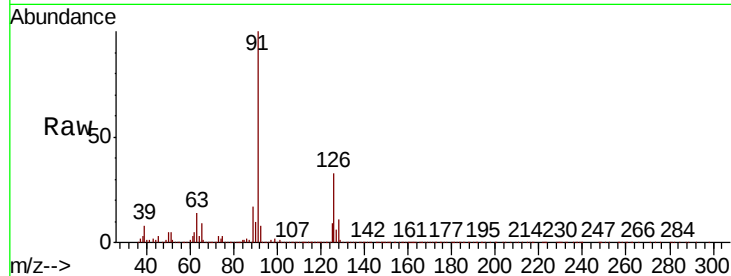
#79
 2-Chlorotoluene
 Concen: 51.691 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.6

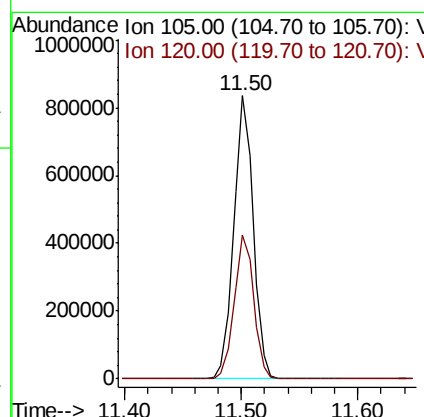
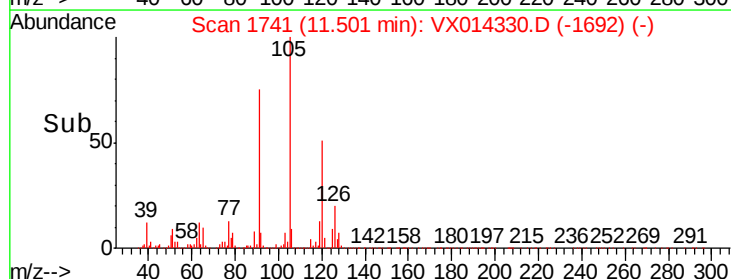
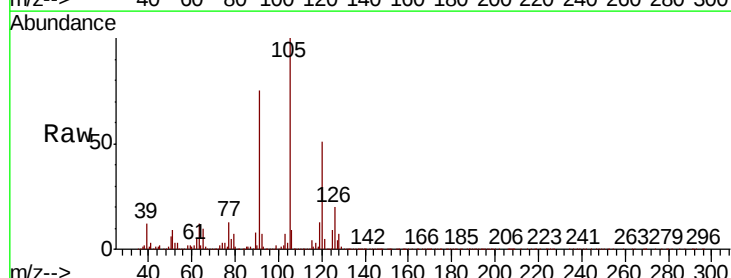
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.883 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.2	25.3	75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.462 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

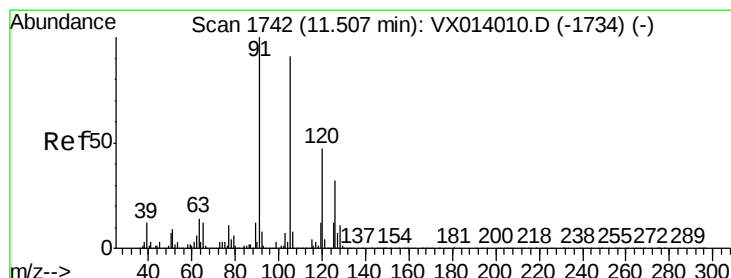
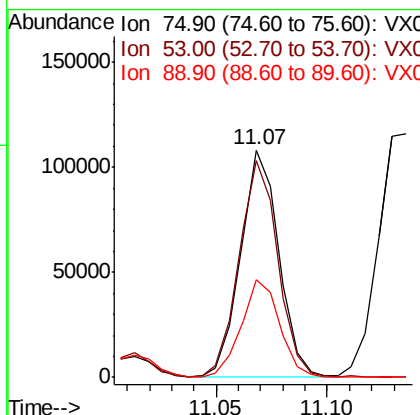
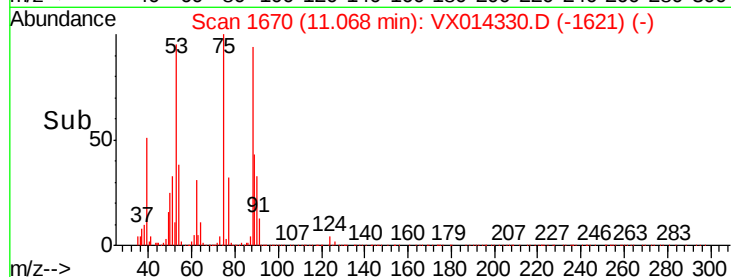
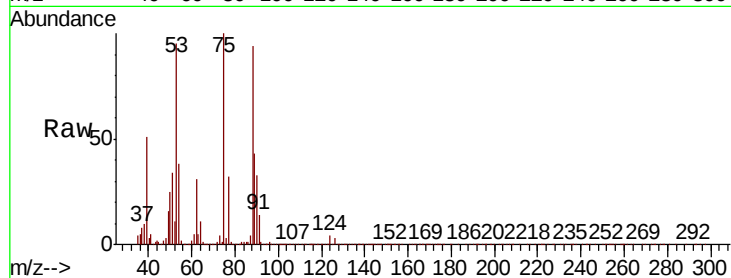
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	129238
Ion	Ratio	Lower	Upper
75	100		
53	96.8	76.7	115.1
89	43.9	34.6	51.8

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#82

4-Chlorotoluene

Concen: 50.888 ug/l

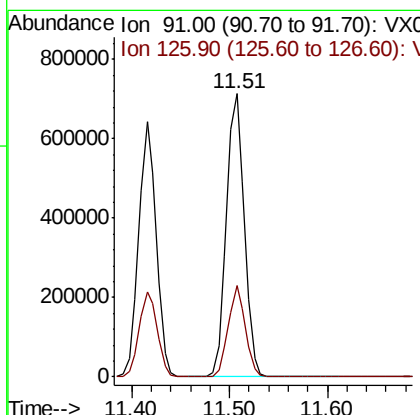
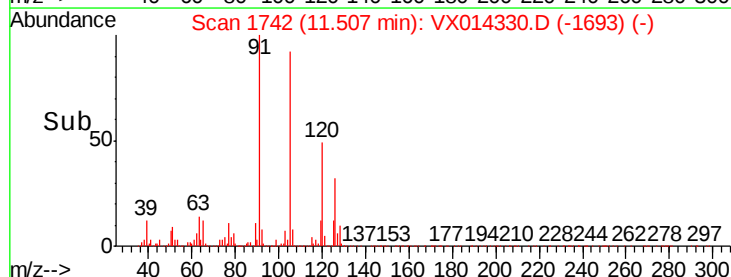
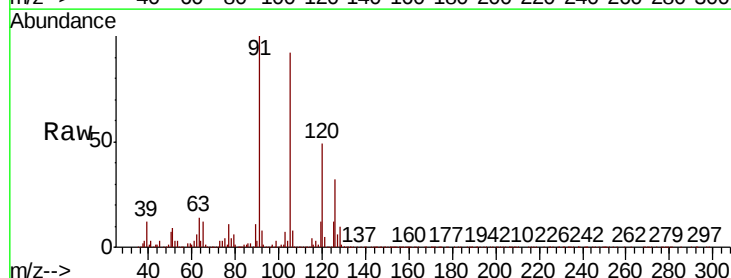
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	91	Resp:	907582
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.6	46.8





#83

tert-Butylbenzene

Concen: 45.202 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

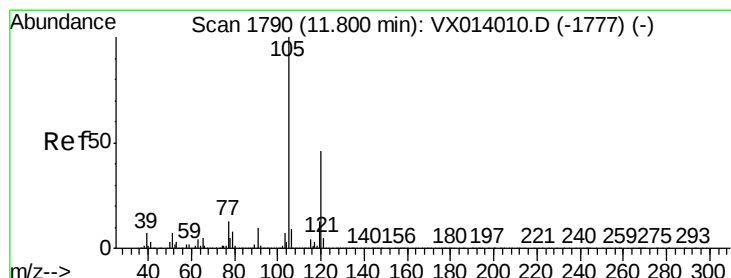
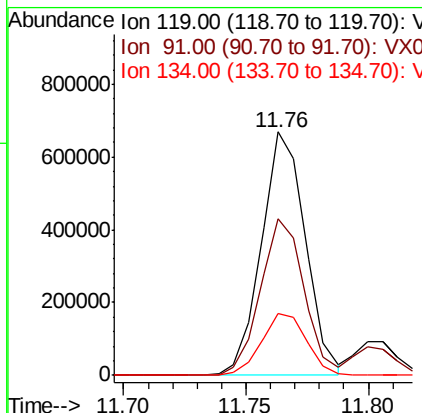
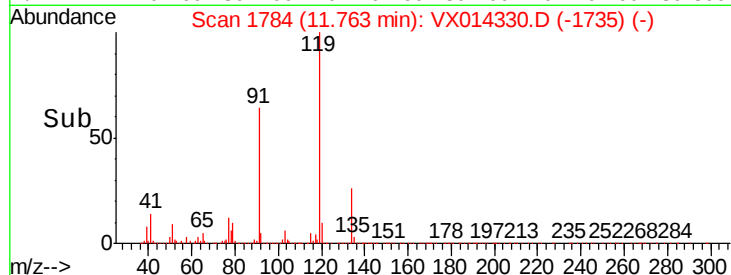
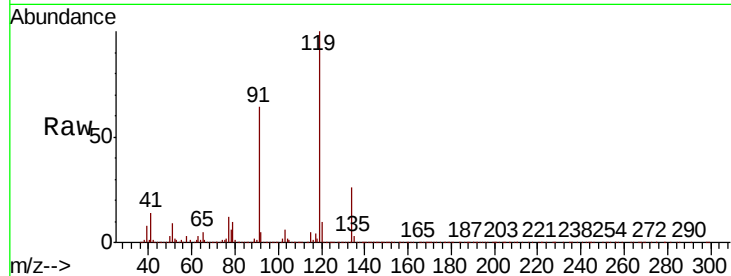
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	834828
Ion Ratio	Lower	Upper	
119	100		
91	64.0	28.5	85.6
134	26.1	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 51.470 ug/l

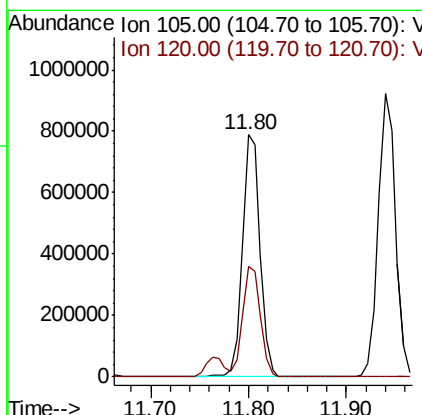
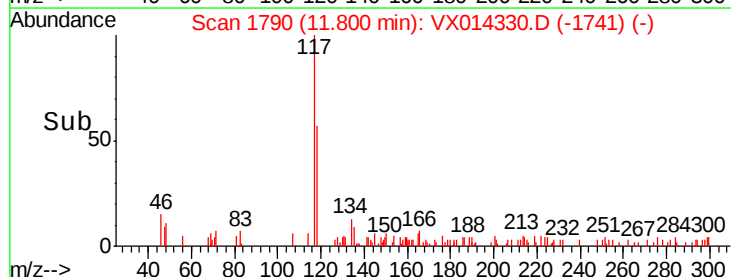
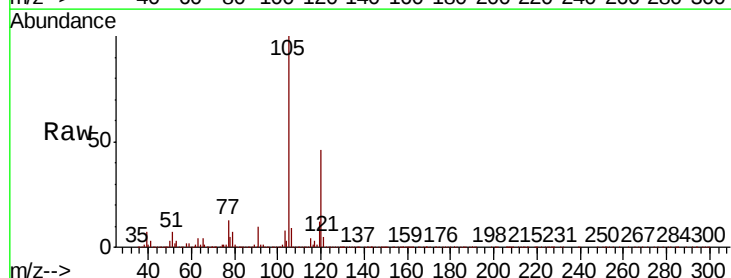
RT: 11.80 min Scan# 1790

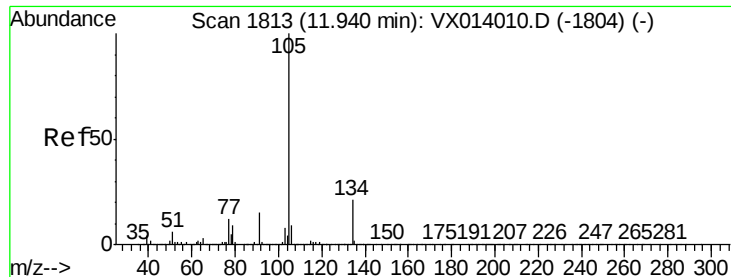
Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	105	Resp:	978219
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.589 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1124798

Ion Ratio Lower Upper

105 100

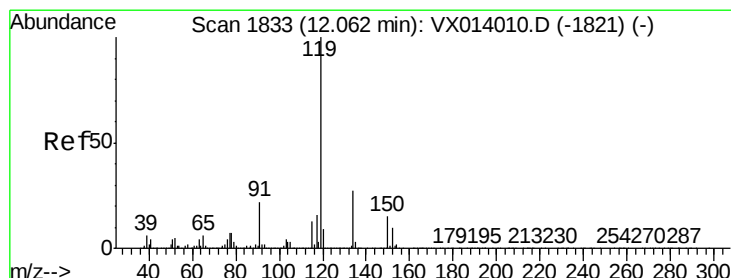
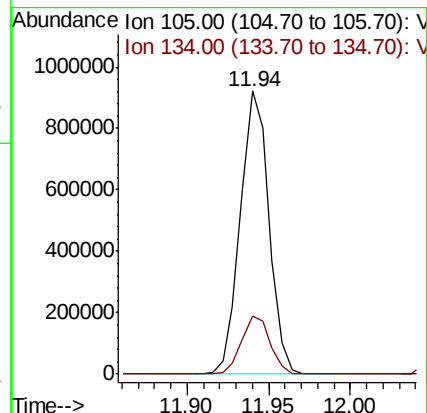
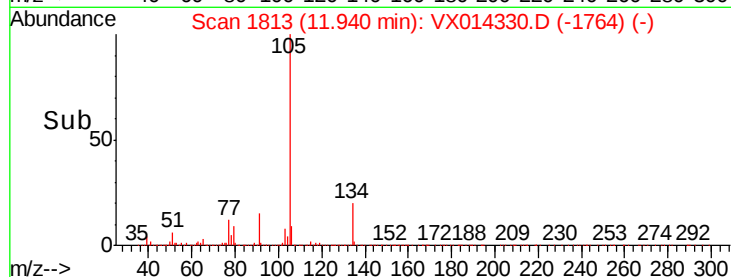
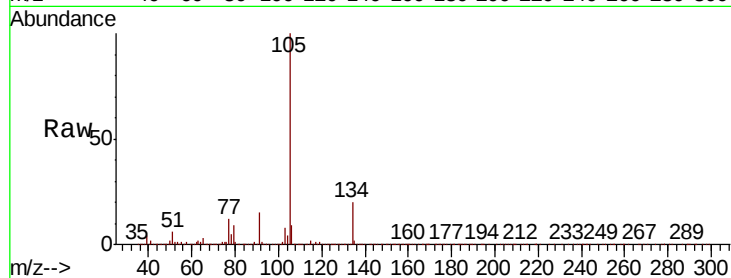
134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 51.788 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

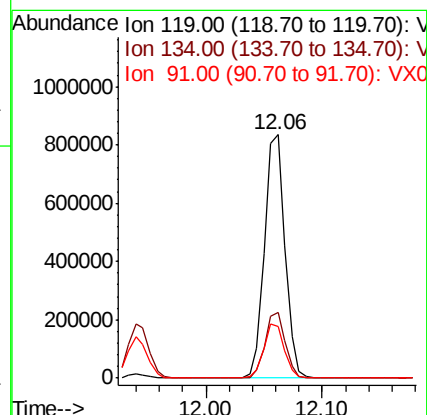
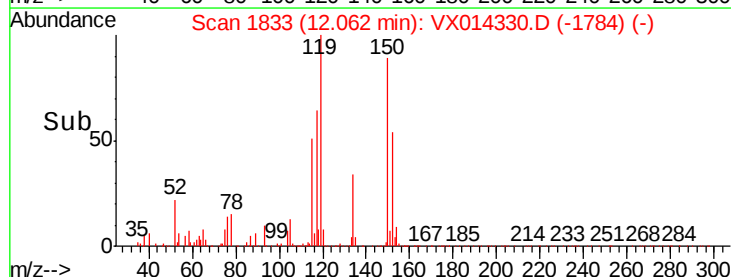
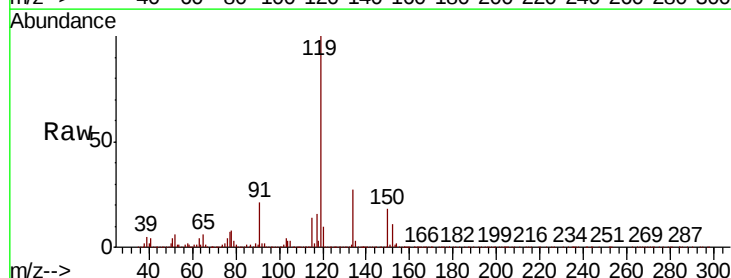
Tgt Ion:119 Resp: 1032854

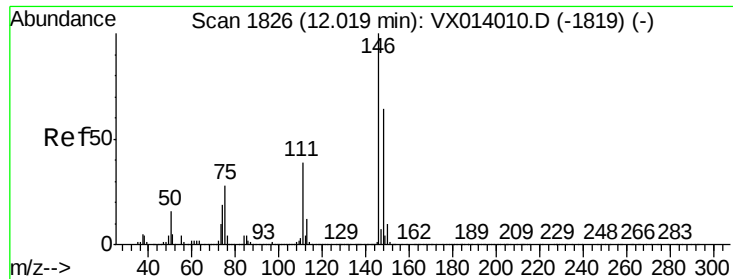
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.169 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014330.D

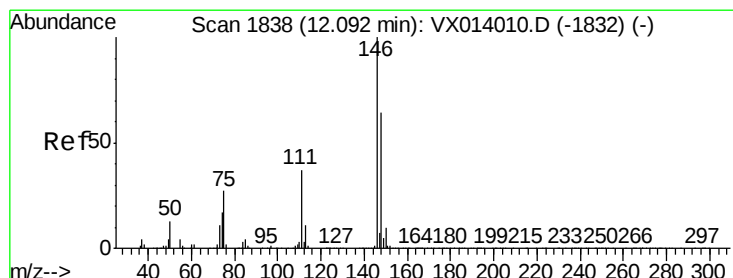
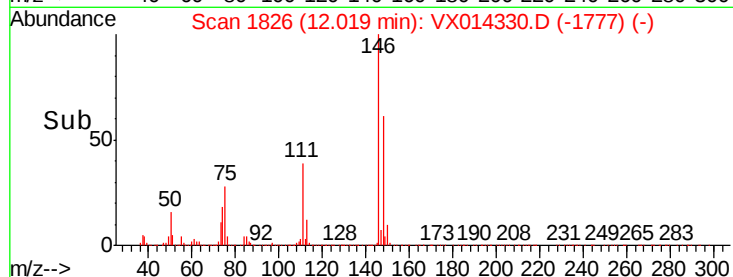
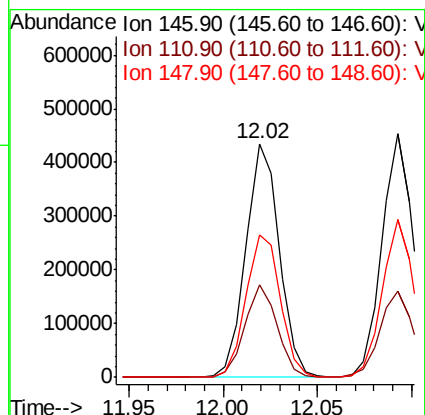
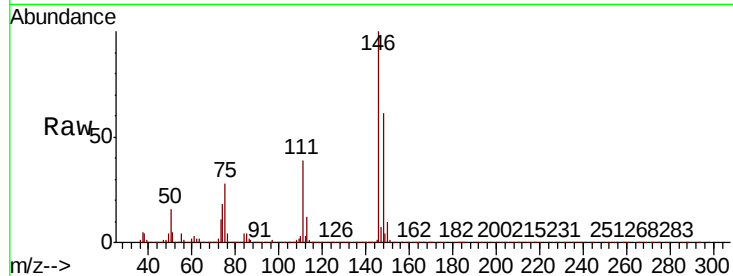
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	62.9	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 48.326 ug/l

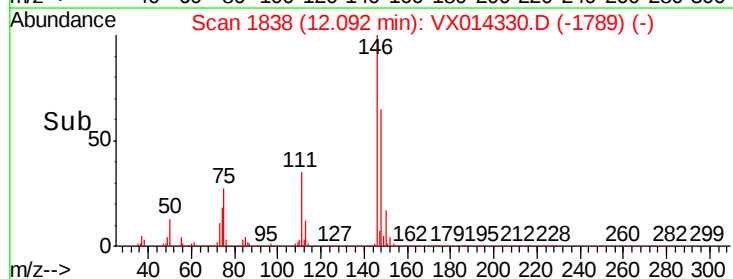
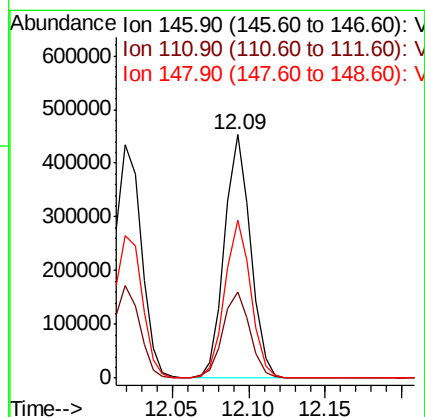
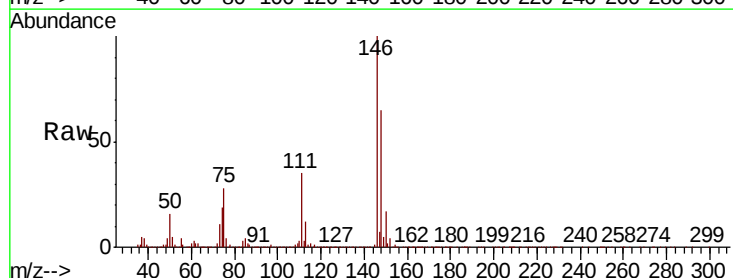
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.5	31.9	95.9





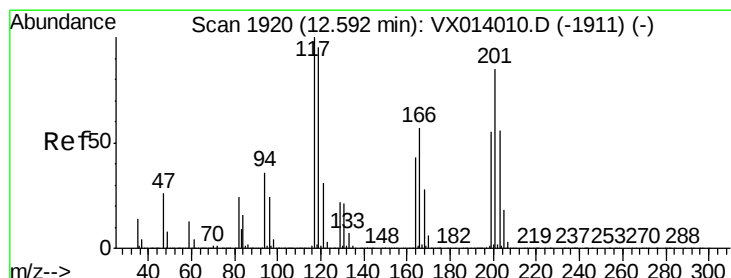
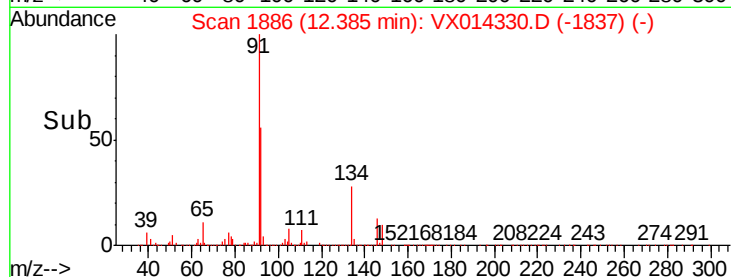
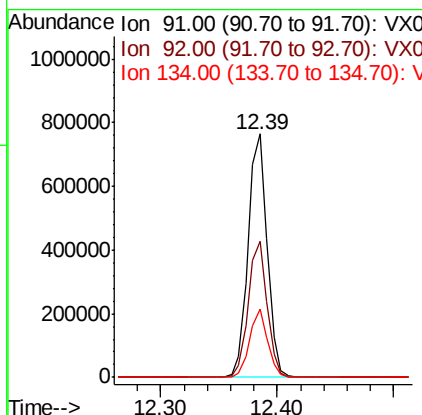
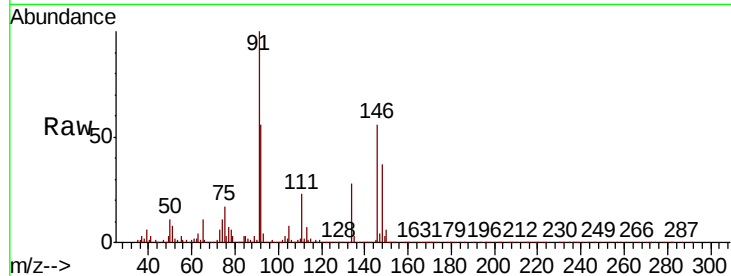
#89
n-Butylbenzene
Concen: 51.481 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.6
134	26.6	13.4	40.1

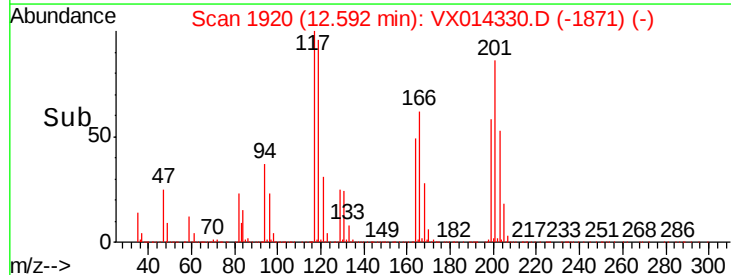
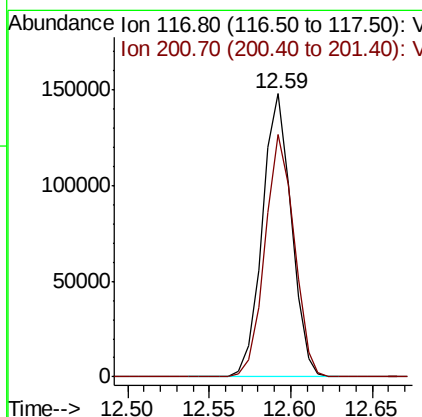
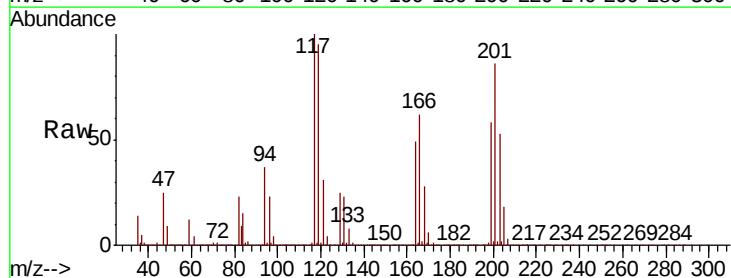
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#90
Hexachloroethane
Concen: 50.702 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014330.D
Acq: 27 Dec 2019 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	43.1	129.3





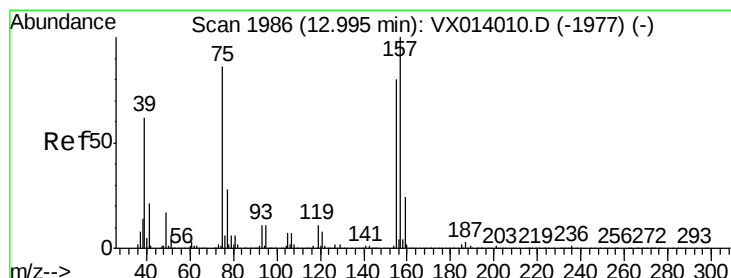
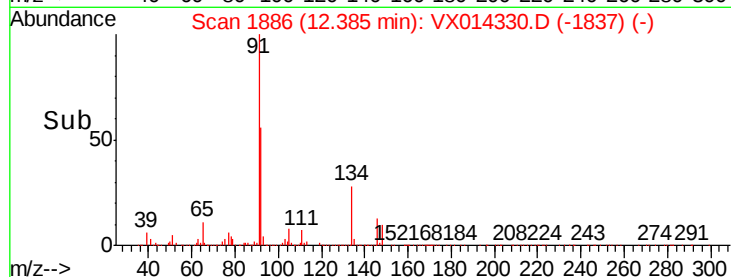
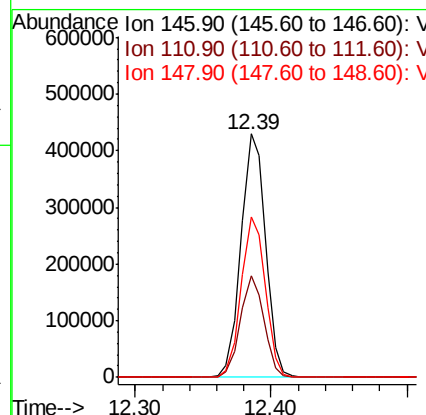
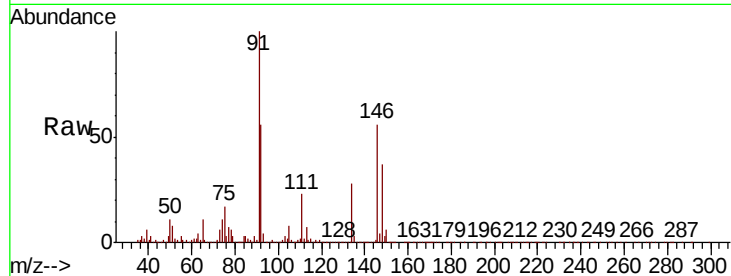
#91
 1,2-Dichlorobenzene
 Concen: 49.232 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	538905
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.7	59.1
148	65.0	32.1	96.5

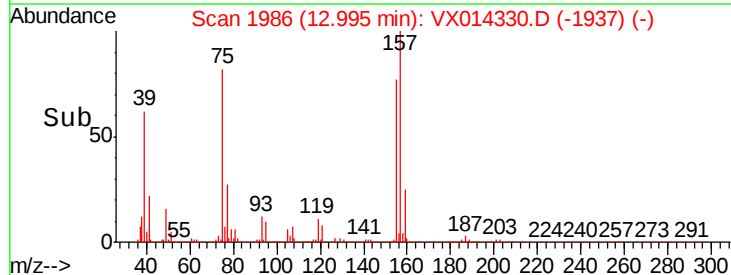
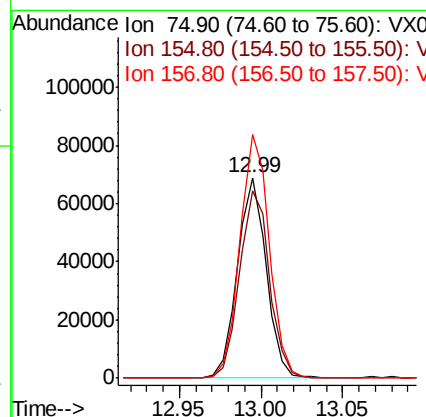
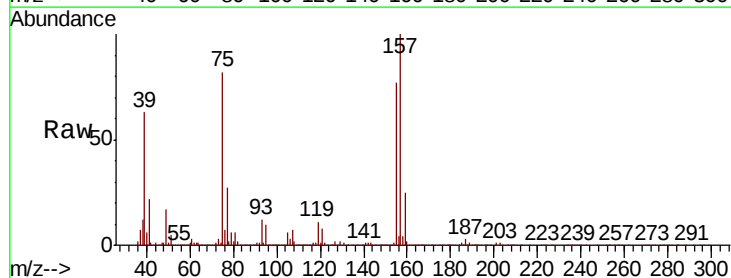
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.589 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014330.D
 Acq: 27 Dec 2019 23:54

Tgt Ion:	75	Resp:	84062
Ion Ratio	Lower	Upper	
75	100		
155	98.0	46.9	140.6
157	125.3	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 49.684 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

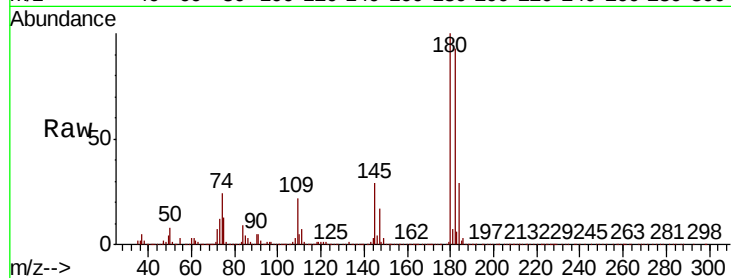
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	353479
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.6	139.8
145	28.8	14.2	42.6

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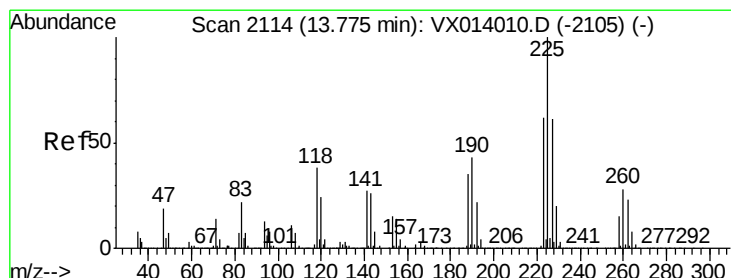
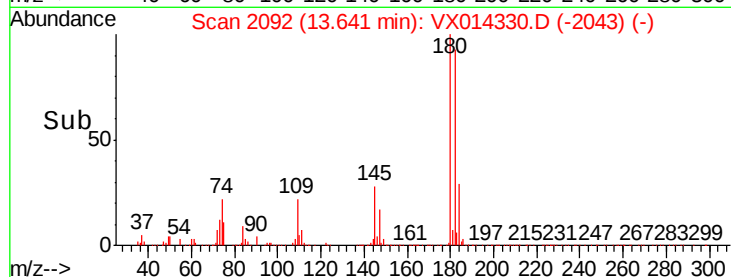
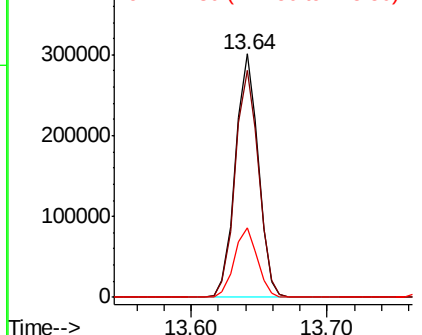


Abundance

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: 47.947 ug/l

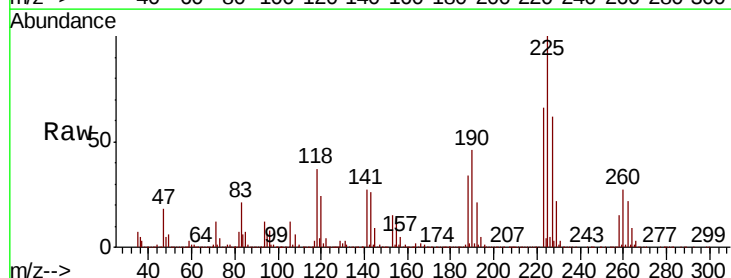
RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Tgt Ion:	225	Resp:	163941
Ion Ratio	Lower	Upper	
225	100		
223	64.5	30.9	92.5
227	63.4	30.9	92.7

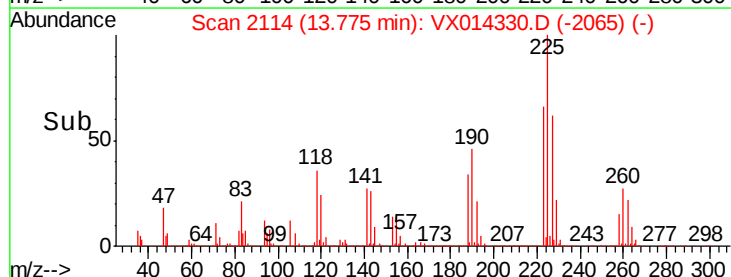
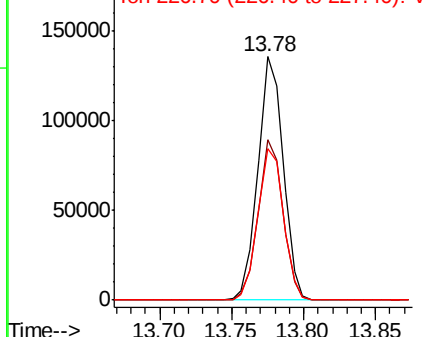


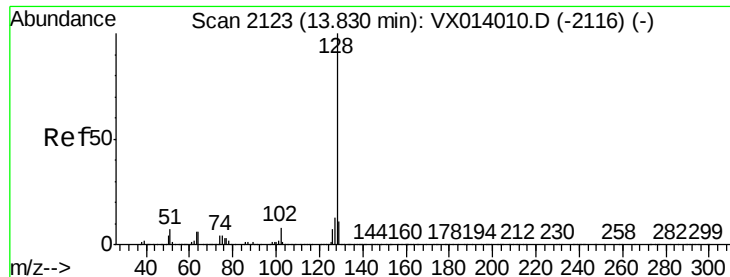
Abundance

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: 53.657 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1121576

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

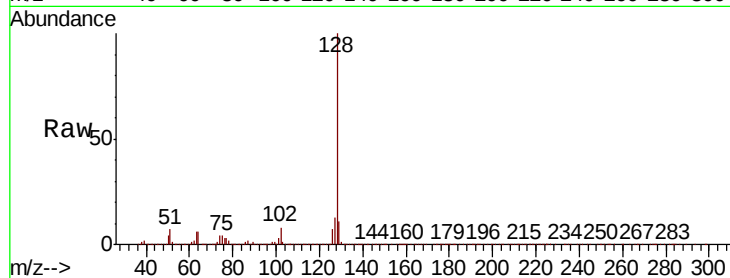
129 10.9 8.7 13.1

Manual Integrations

APPROVED

apatel

12/30/2019 11:04:30 AM

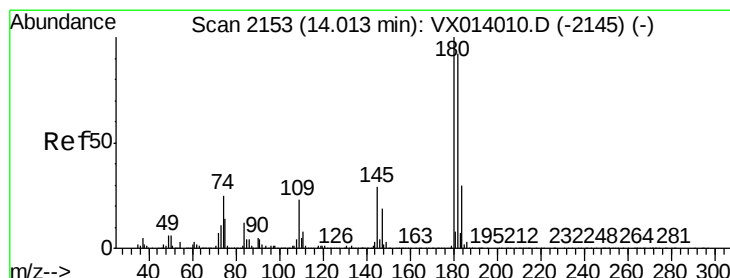
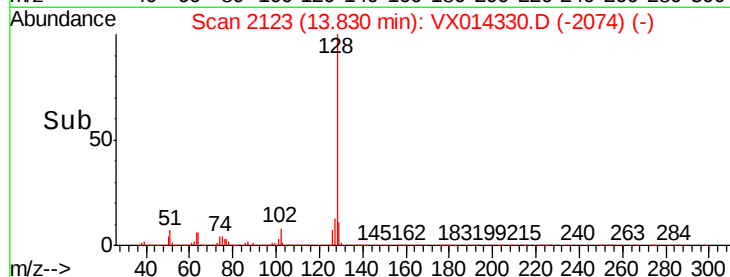
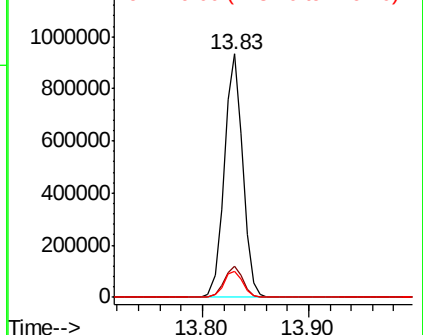


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.675 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014330.D

Acq: 27 Dec 2019 23:54

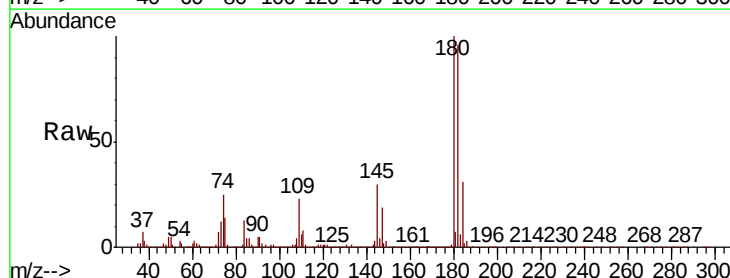
Tgt Ion:180 Resp: 362916

Ion Ratio Lower Upper

180 100

182 94.8 46.8 140.3

145 29.8 14.8 44.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

