

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX013870.D
 Acq On : 09 Dec 2019 23:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/11/2019 8:54:46 AM

Quant Time: Dec 10 05:37:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	379494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	305269	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.49	113	261485	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.71	98	975953	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	355481	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282496	46.042	ug/l	98
3) Chloromethane	1.32	50	328884	47.771	ug/l	99
4) Vinyl Chloride	1.40	62	392840	50.697	ug/l	97
5) Bromomethane	1.63	94	257728	49.526	ug/l	98
6) Chloroethane	1.71	64	212095	48.100	ug/l	98
7) Trichlorofluoromethane	1.92	101	414979	48.229	ug/l	99
8) Diethyl Ether	2.18	74	200269	51.447	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252263	47.998	ug/l	98
10) Methyl Iodide	2.50	142	311816	49.046	ug/l	99
11) Tert butyl alcohol	3.03	59	357330	226.243	ug/l	100
12) 1,1-Dichloroethene	2.36	96	255190	48.645	ug/l	98
13) Acrolein	2.28	56	295132	278.706	ug/l	98
14) Allyl chloride	2.72	41	469397	49.305	ug/l	100
15) Acrylonitrile	3.13	53	845552	259.358	ug/l	100
16) Acetone	2.44	43	899638	284.775	ug/l	98
17) Carbon Disulfide	2.56	76	639956	42.793	ug/l	100
18) Methyl Acetate	2.76	43	491286	55.847	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	894668	51.480	ug/l	99
20) Methylene Chloride	2.84	84	300721	49.549	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	275429	48.194	ug/l	99
22) Diisopropyl ether	3.84	45	959842	52.360	ug/l	98
23) Vinyl Acetate	3.80	43	3557285	233.266	ug/l	99
24) 1,1-Dichloroethane	3.69	63	516086	51.499	ug/l	99
25) 2-Butanone	4.66	43	1253318	266.944	ug/l	100
26) 2,2-Dichloropropane	4.58	77	351261	42.365	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	328085	49.990	ug/l	97
28) Bromochloromethane	5.01	49	216780	54.741	ug/l	100
29) Tetrahydrofuran	5.11	42	755092	260.885	ug/l	99
30) Chloroform	5.20	83	506233	49.811	ug/l	98
31) Cyclohexane	5.57	56	444017	46.976	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	423645	49.882	ug/l	100
36) 1,1-Dichloropropene	5.79	75	368433	47.536	ug/l	99
37) Ethyl Acetate	4.82	43	444318	51.101	ug/l	99
38) Carbon Tetrachloride	5.78	117	356395	49.868	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	440034	45.930	ug/l	99
40) Benzene	6.14	78	1172511	49.671	ug/l	99
41) Methacrylonitrile	5.03	41	263074	55.169	ug/l	98
42) 1,2-Dichloroethane	6.18	62	404341	50.225	ug/l	99
43) Isopropyl Acetate	6.43	43	726392	50.745	ug/l	100
44) Trichloroethene	7.21	130	317042	48.937	ug/l	97
45) 1,2-Dichloropropane	7.51	63	306564	51.906	ug/l	99
46) Dibromomethane	7.65	93	195581	48.758	ug/l	98
47) Bromodichloromethane	7.89	83	391501	51.628	ug/l	100
48) Methyl methacrylate	7.76	41	365419	52.539	ug/l	99
49) 1,4-Dioxane	7.73	88	136416	876.240	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2371722	263.400	ug/l	99
52) Toluene	8.78	92	726663	49.551	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	424571	49.189	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	476074	50.485	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	311700	52.744	ug/l	99
56) Ethyl methacrylate	9.17	69	494090	52.003	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515534	50.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	943064	253.159	ug/l	100
59) 2-Hexanone	9.49	43	1833723	261.115	ug/l	99
60) Dibromochloromethane	9.58	129	319770	52.139	ug/l	100
61) 1,2-Dibromoethane	9.67	107	317215	50.258	ug/l	99
64) Tetrachloroethene	9.33	164	366966	63.837	ug/l	96
65) Chlorobenzene	10.14	112	791373	49.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	299072	52.040	ug/l	100
67) Ethyl Benzene	10.25	91	1386790	50.426	ug/l	98
68) m/p-Xylenes	10.35	106	1050548	99.775	ug/l	100
69) o-Xylene	10.70	106	514568	50.109	ug/l	98
70) Styrene	10.71	104	891054	51.583	ug/l	100
71) Bromoform	10.85	173	249721	52.516	ug/l	100
73) Isopropylbenzene	11.01	105	1356294	50.950	ug/l	100
74) N-amyl acetate	10.89	43	641018	52.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	478377	51.819	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	443675m	51.980	ug/l	
77) Bromobenzene	11.25	156	357421	49.701	ug/l	98
78) n-propylbenzene	11.35	91	1523246	51.260	ug/l	100
79) 2-Chlorotoluene	11.42	91	908038	50.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1127066	51.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	154082	49.387	ug/l	98
82) 4-Chlorotoluene	11.51	91	1039219	50.334	ug/l	99
83) tert-Butylbenzene	11.76	119	1069268	48.224	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1130968	51.076	ug/l	100
85) sec-Butylbenzene	11.94	105	1312187	51.811	ug/l	99
86) p-Isopropyltoluene	12.06	119	1203559	51.082	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	621785	49.600	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	621710	48.690	ug/l	100
89) n-Butylbenzene	12.39	91	1008229	50.172	ug/l	99
90) Hexachloroethane	12.59	117	215914	50.699	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	628591	50.750	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	104003	51.734	ug/l	99

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ClientSampleId :
VSTDCCC050

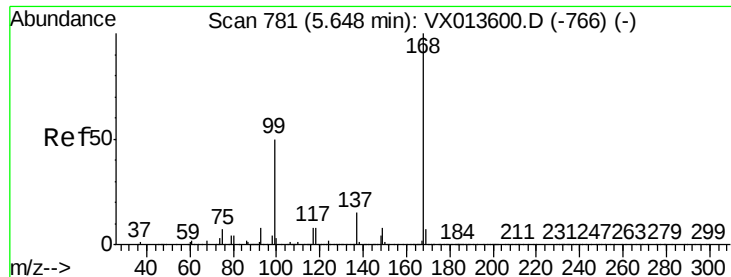
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	415559	48.141	ug/l	98
94) Hexachlorobutadiene	13.78	225	196834	47.468	ug/l	99
95) Naphthalene	13.83	128	1328157	51.665	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	430000	50.311	ug/l	100

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



#1

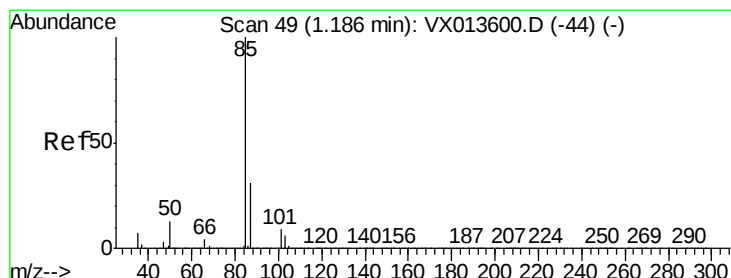
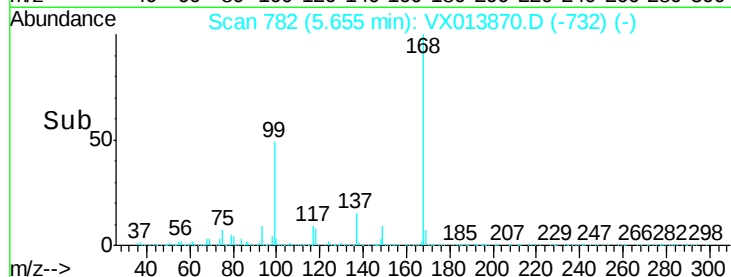
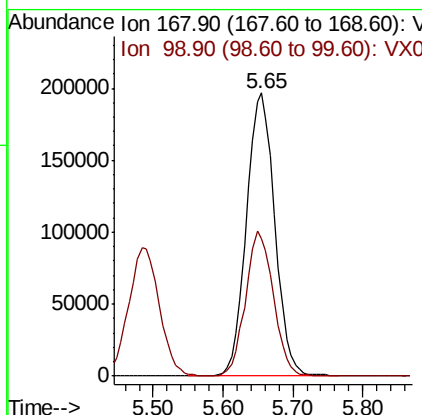
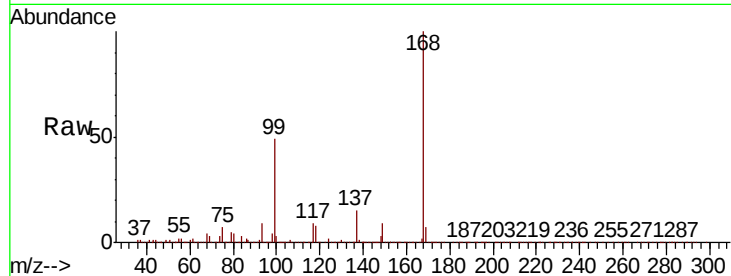
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.8	59.8

Manual Integrations
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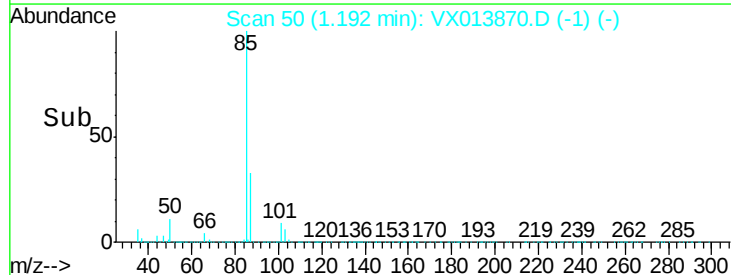
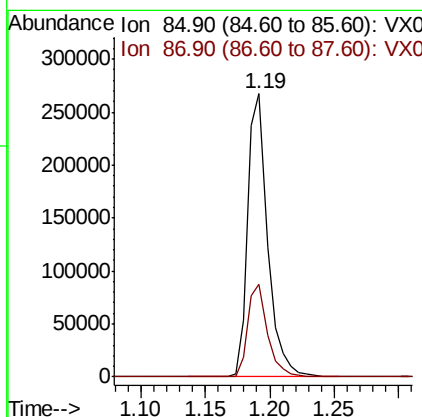
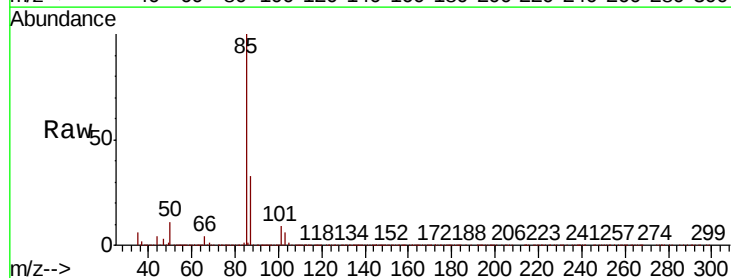
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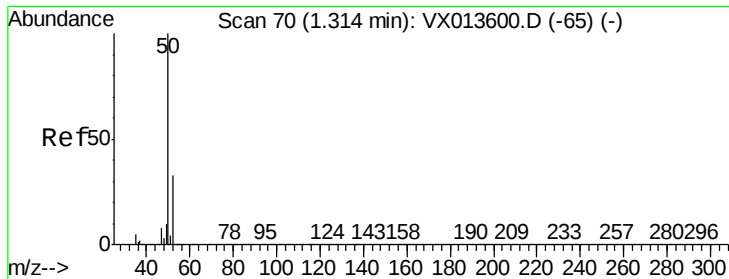


#2

Dichlorodifluoromethane
 Concen: 46.042 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.7	47.1





#3

Chloromethane

Concen: 47.771 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 328884

Ion Ratio Lower Upper

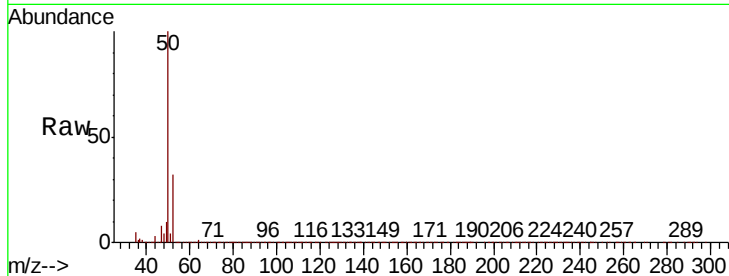
50 100

52 32.2 26.0 39.0

Manual Integrations
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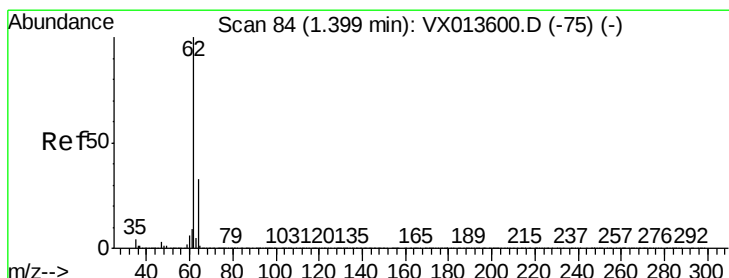
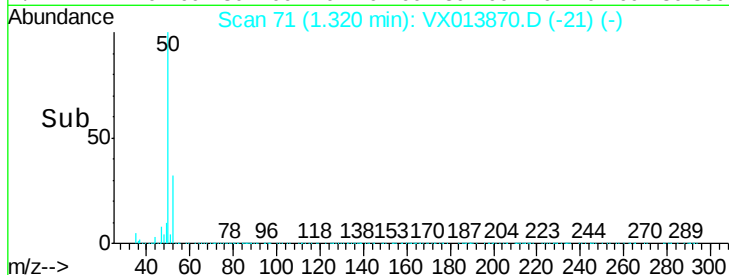
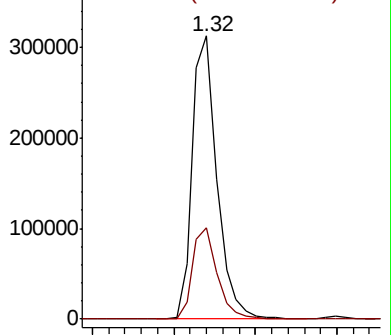
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.697 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013870.D

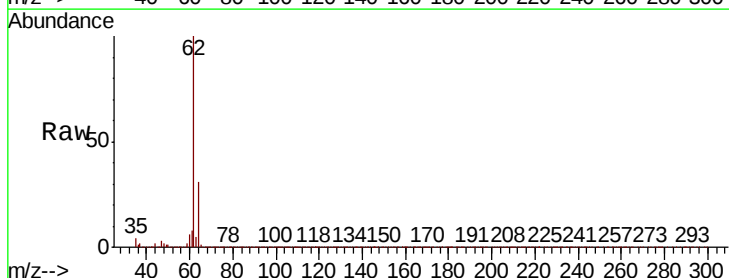
Acq: 09 Dec 2019 23:10

Tgt Ion: 62 Resp: 392840

Ion Ratio Lower Upper

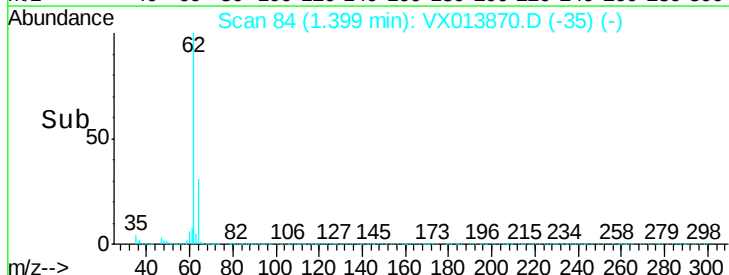
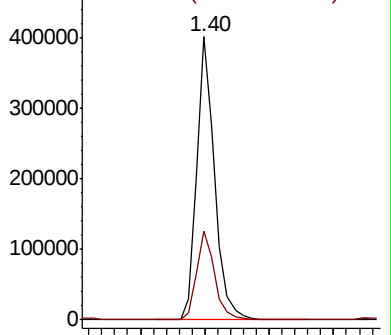
62 100

64 31.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.526 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 257728

Ion Ratio Lower Upper

94 100

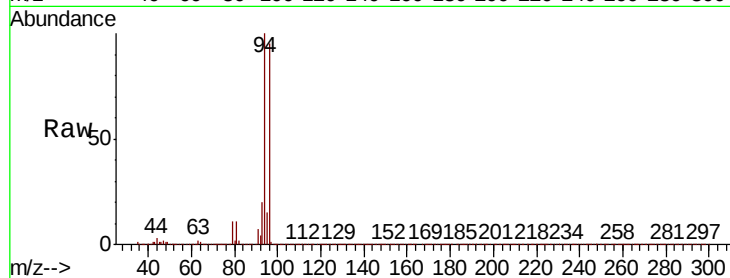
96 94.5 77.0 115.4

Manual Integrations

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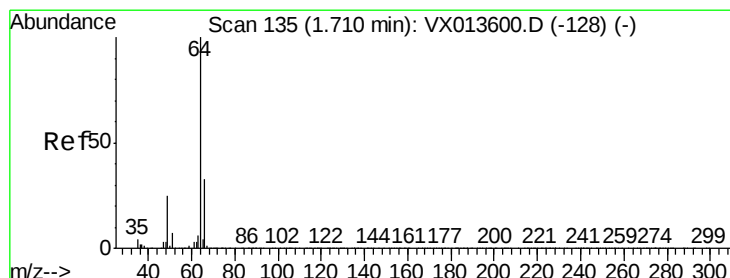
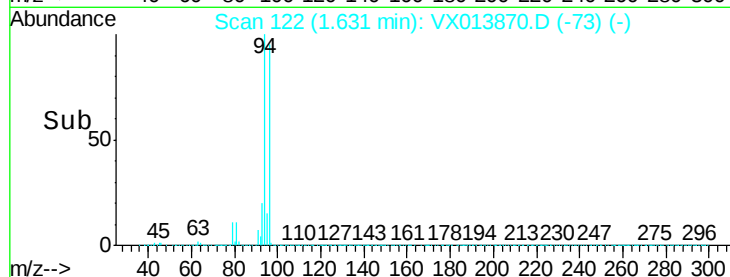
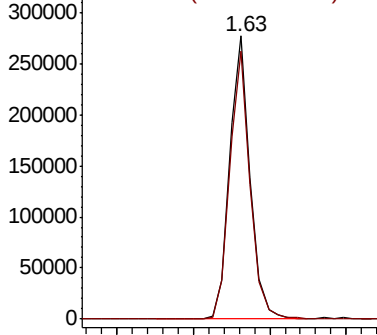
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.100 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013870.D

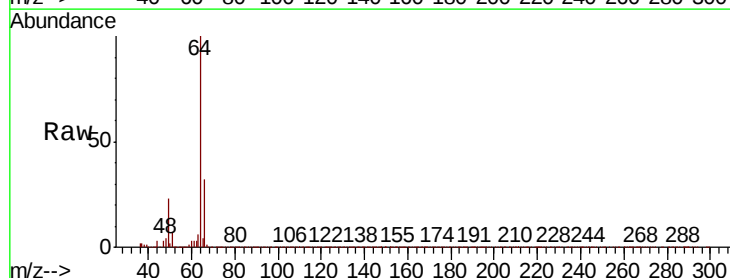
Acq: 09 Dec 2019 23:10

Tgt Ion: 64 Resp: 212095

Ion Ratio Lower Upper

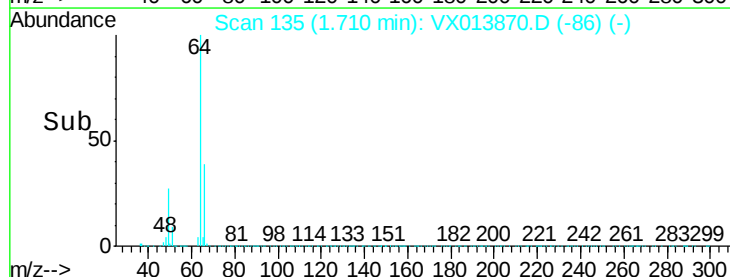
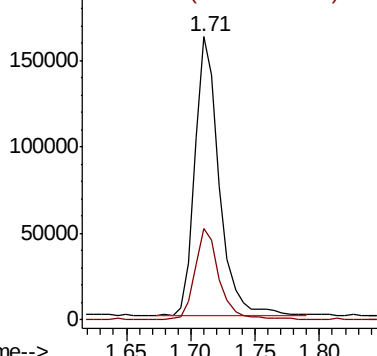
64 100

66 32.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

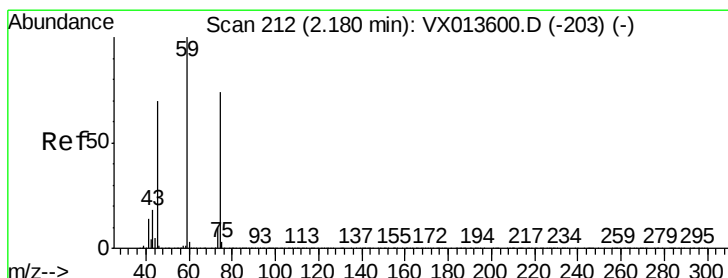
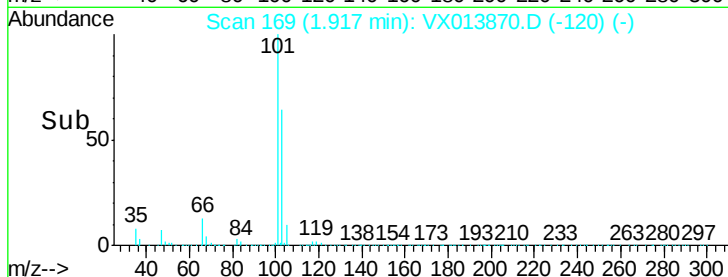
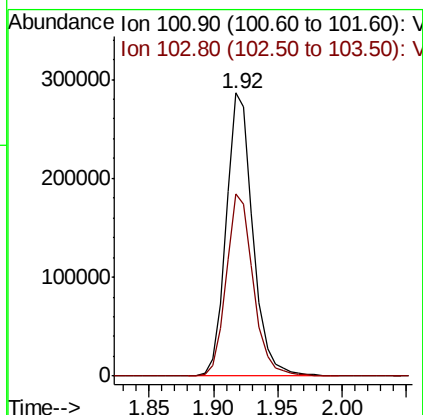
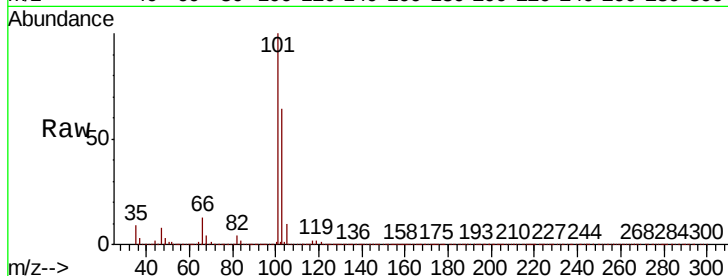
Trichlorofluoromethane
Concen: 48.229 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.6

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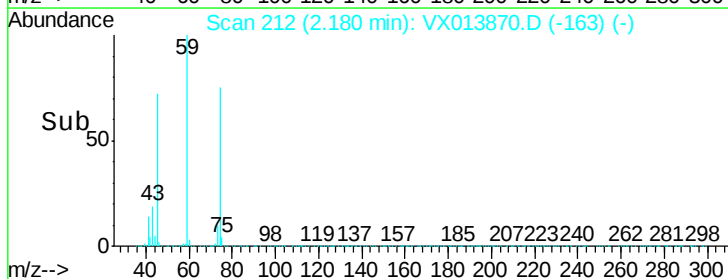
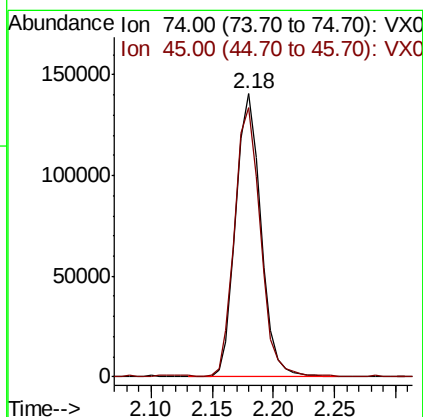
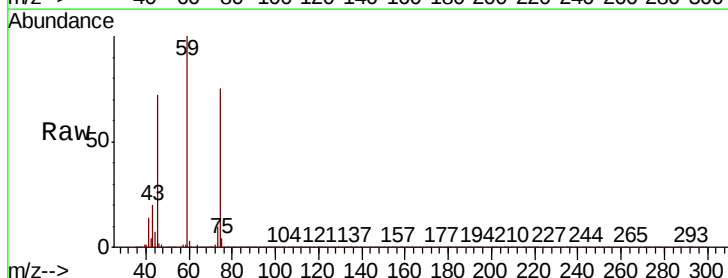
apatel
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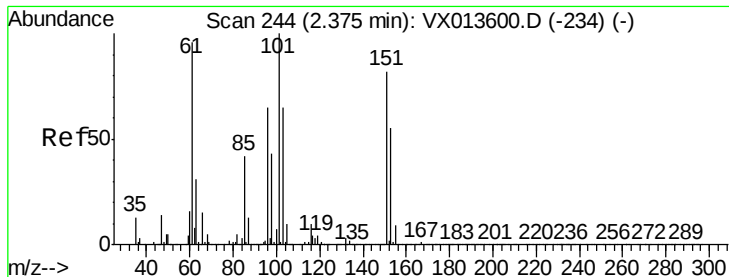


#8

Diethyl Ether
Concen: 51.447 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.998 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

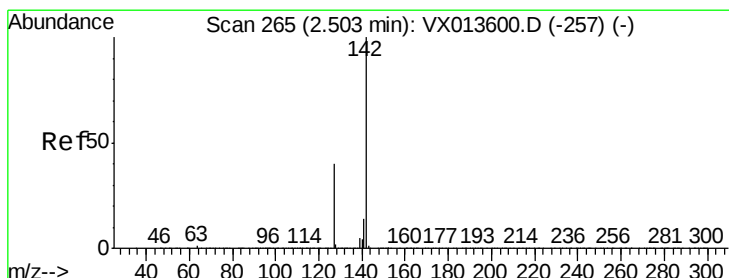
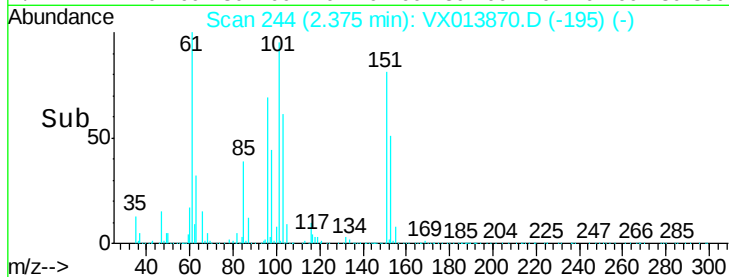
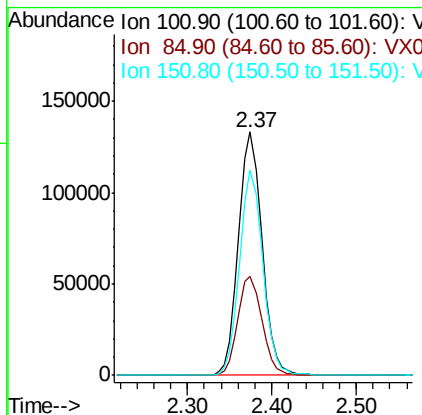
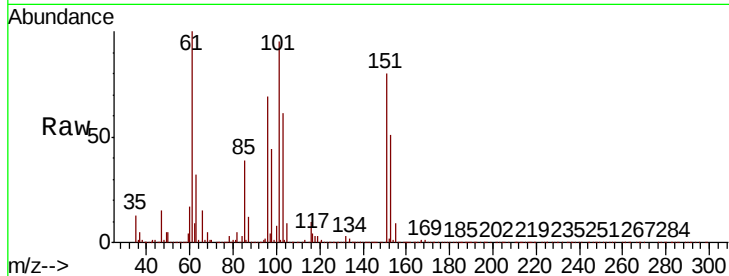
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	252263
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.9	50.9
151	82.6	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.046 ug/l

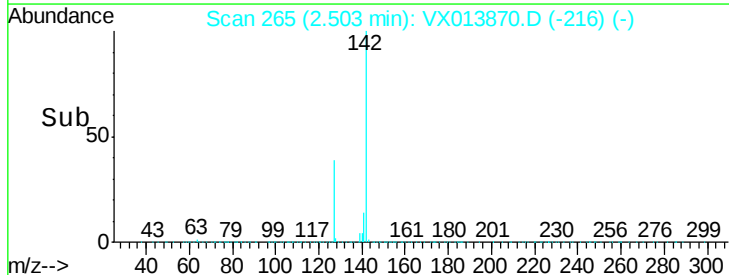
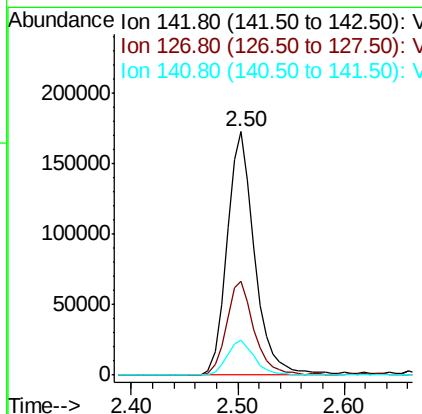
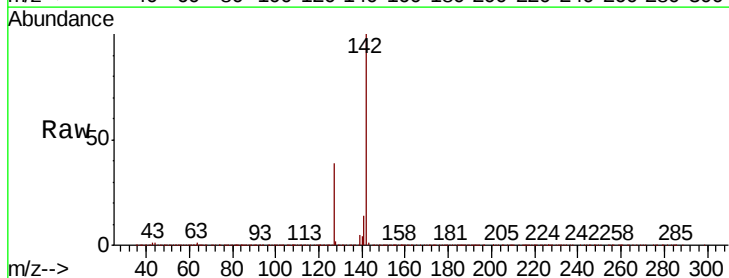
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	142	Resp:	311816
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.0	46.4
141	14.2	11.6	17.4





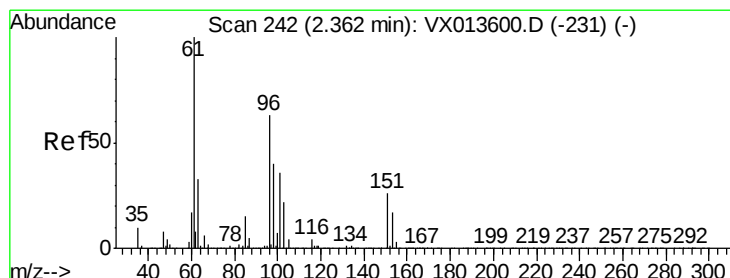
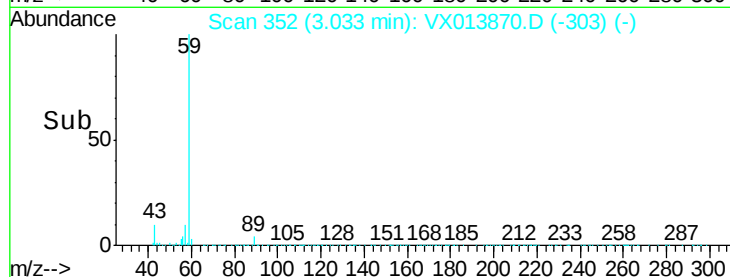
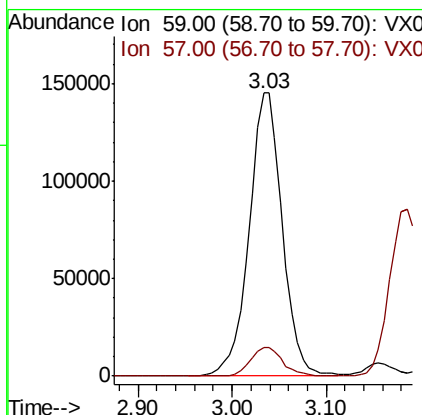
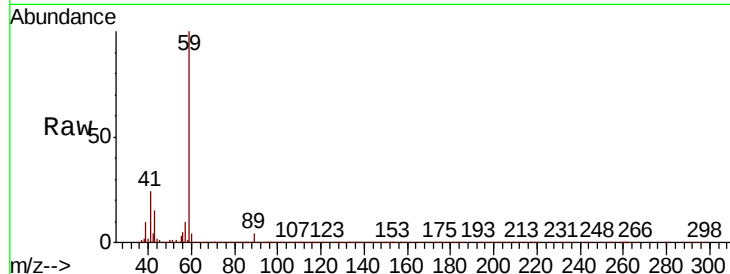
#11
Tert butyl alcohol
Concen: 226.243 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

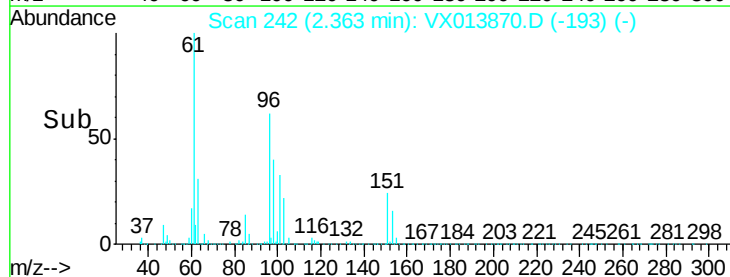
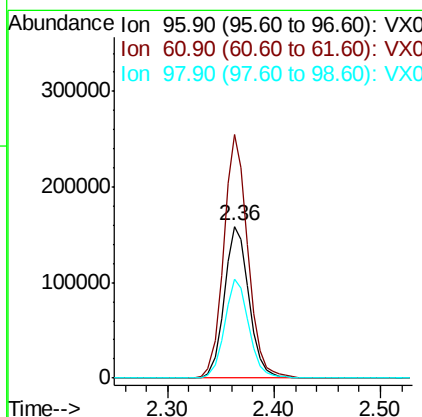
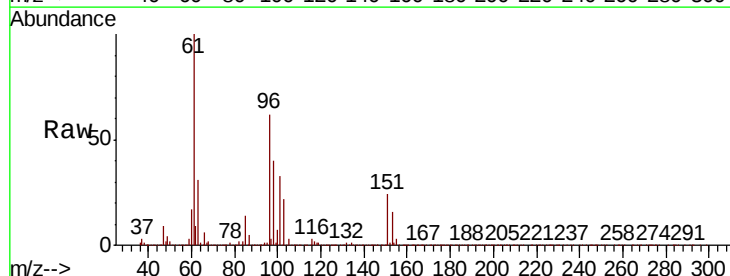
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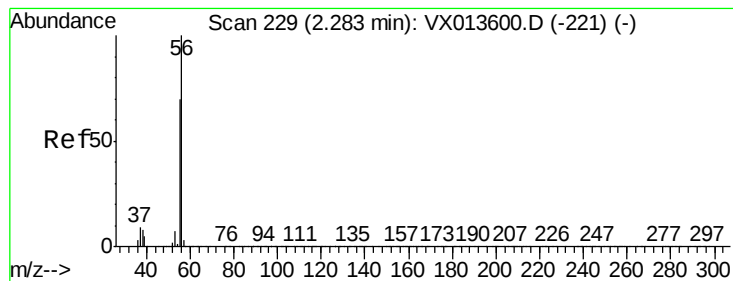
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#12
1,1-Dichloroethene
Concen: 48.645 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	126.6	190.0
98	64.8	50.6	76.0





#13

Acrolein

Concen: 278.706 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 295132

Ion Ratio Lower Upper

56 100

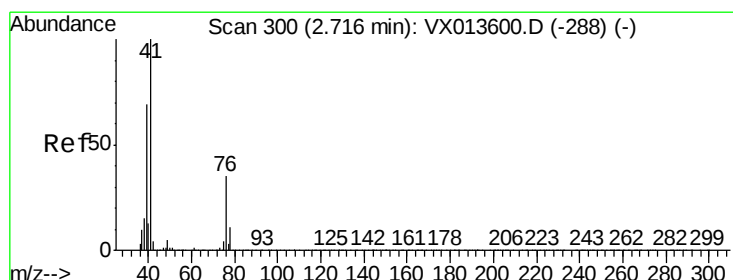
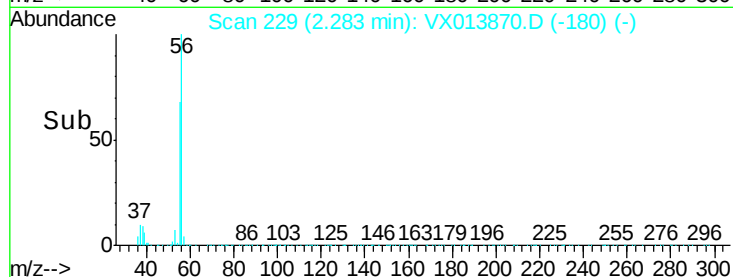
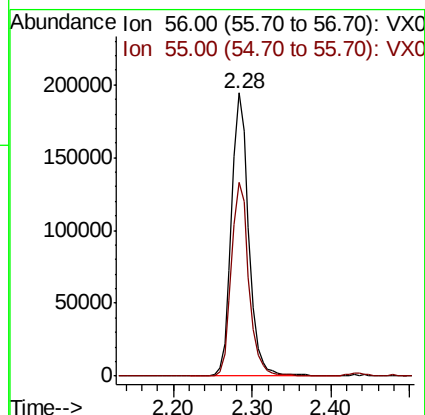
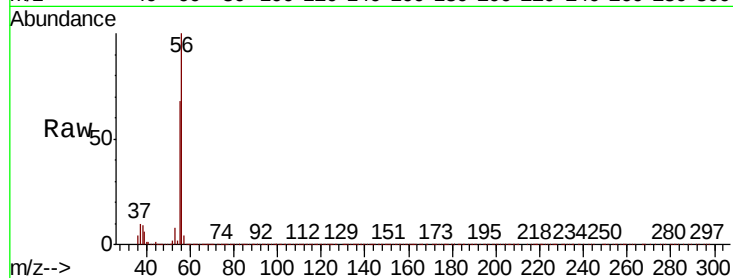
55 68.9 56.2 84.4

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#14

Allyl chloride

Concen: 49.305 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

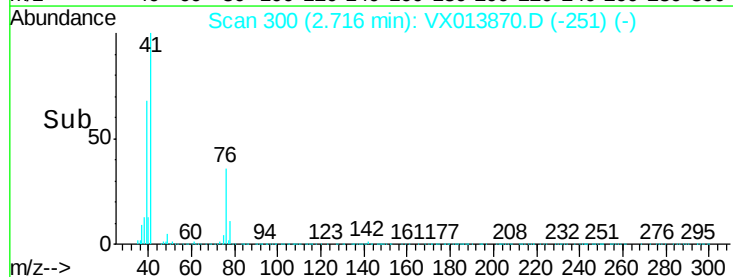
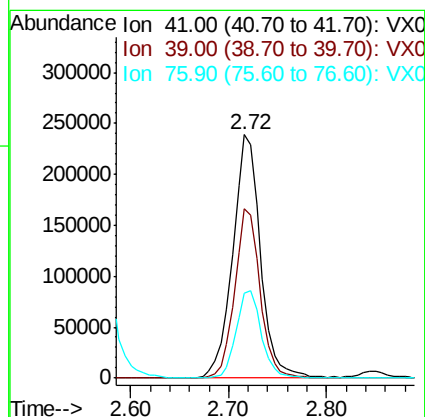
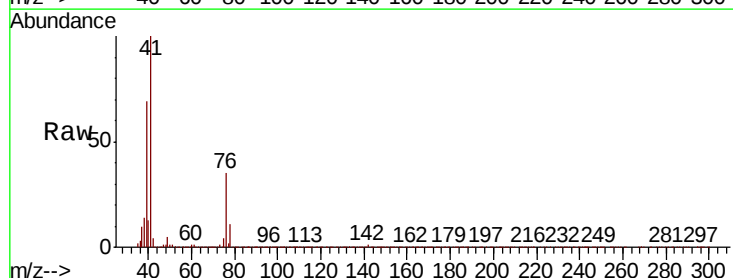
Tgt Ion: 41 Resp: 469397

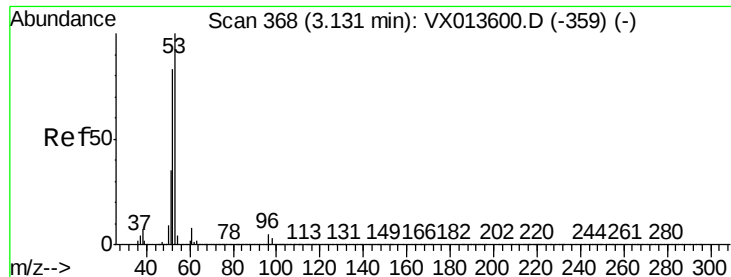
Ion Ratio Lower Upper

41 100

39 64.2 51.7 77.5

76 32.6 25.9 38.9





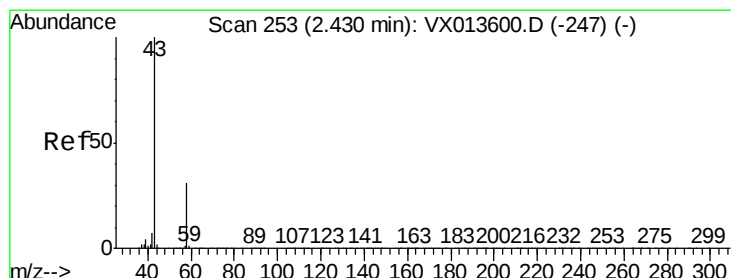
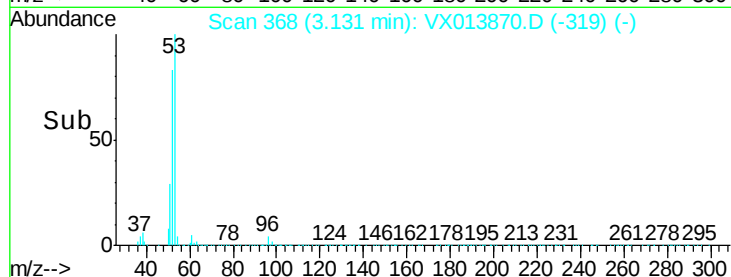
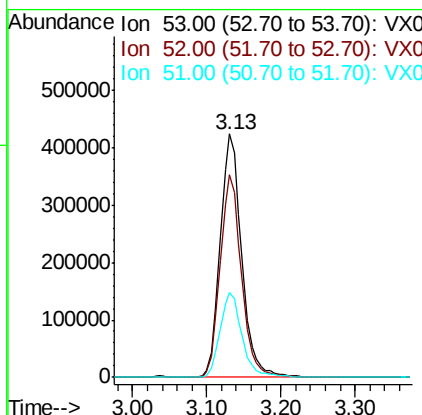
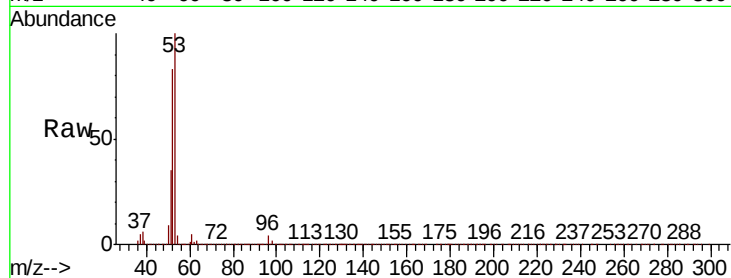
#15
 Acrylonitrile
 Concen: 259.358 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	845552
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.6	29.0	43.6

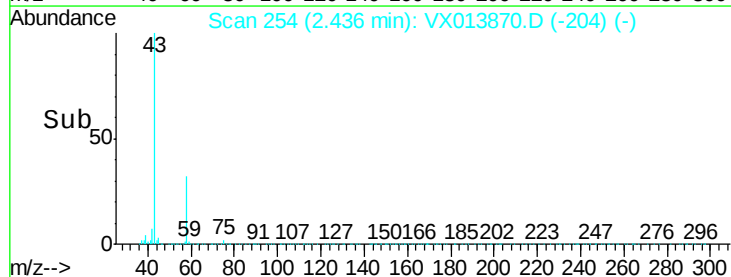
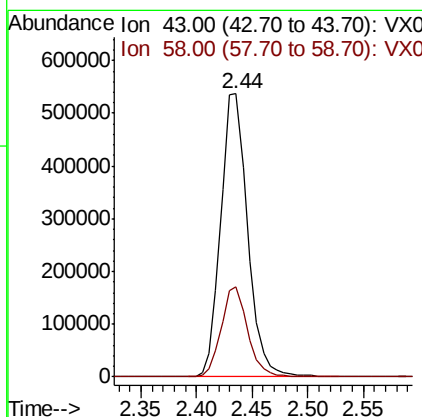
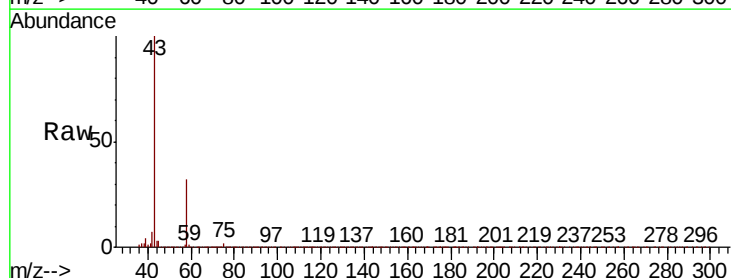
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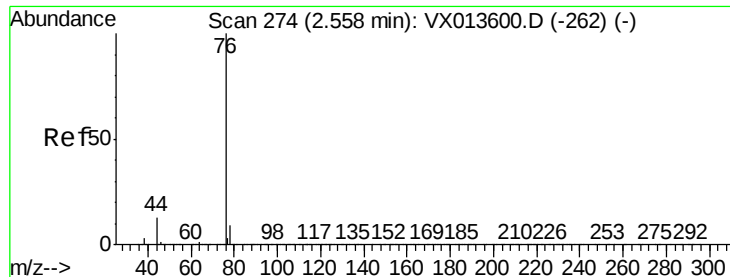
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#16
 Acetone
 Concen: 284.775 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion:	43	Resp:	899638
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.6	36.8





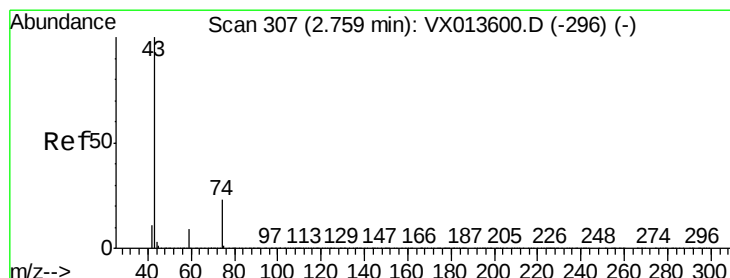
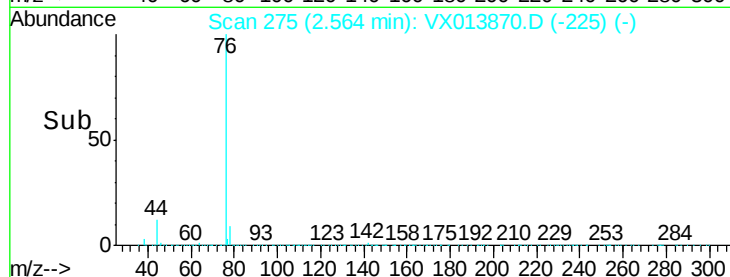
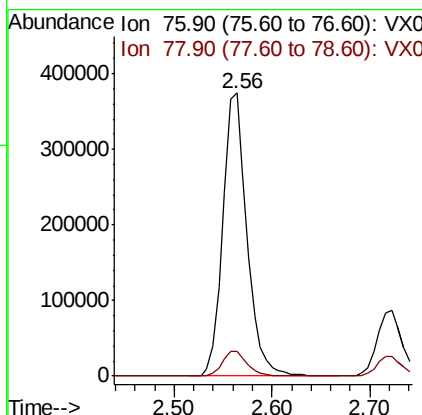
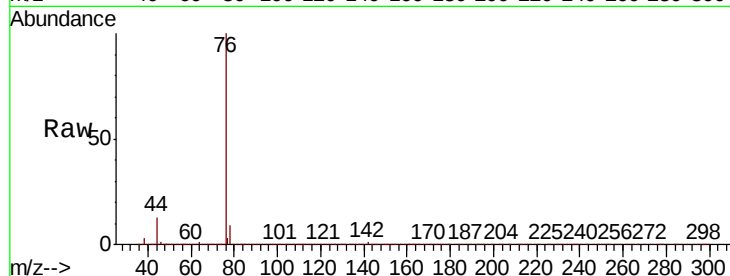
#17
Carbon Disulfide
Concen: 42.793 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

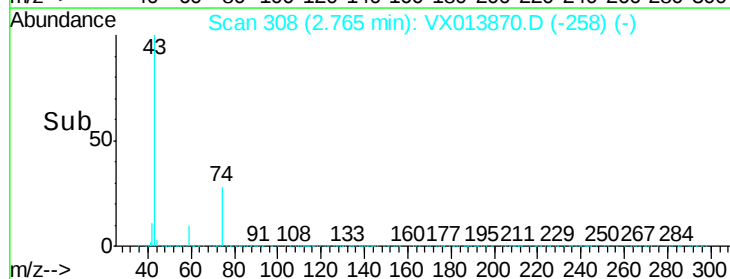
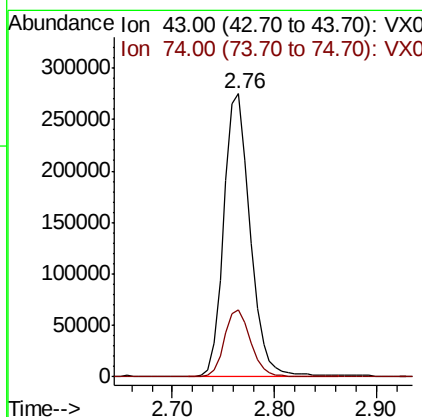
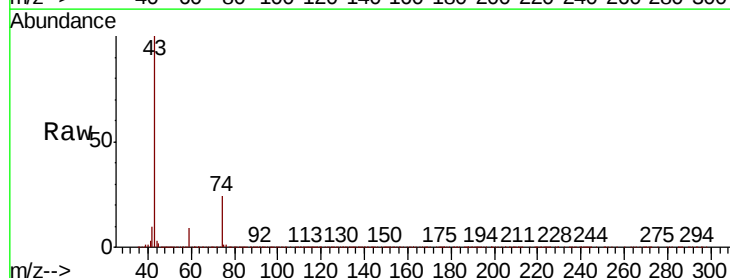
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#18
Methyl Acetate
Concen: 55.847 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.5	29.3





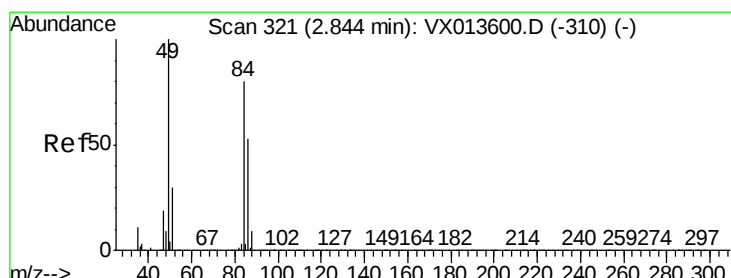
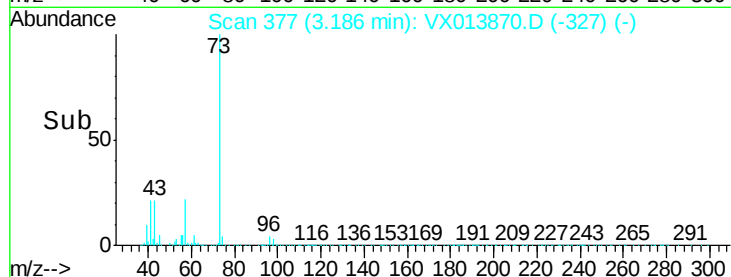
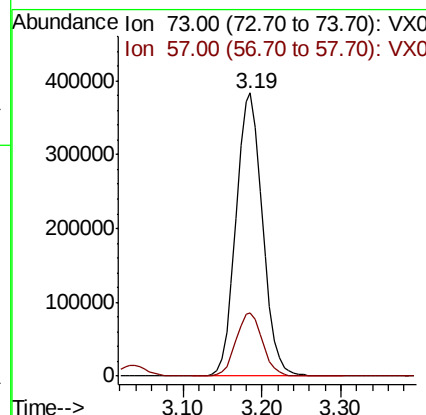
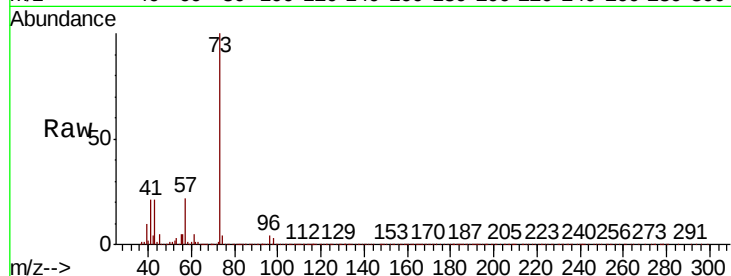
#19
Methvl tert-butvl Ether
Concen: 51.480 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.3	27.5

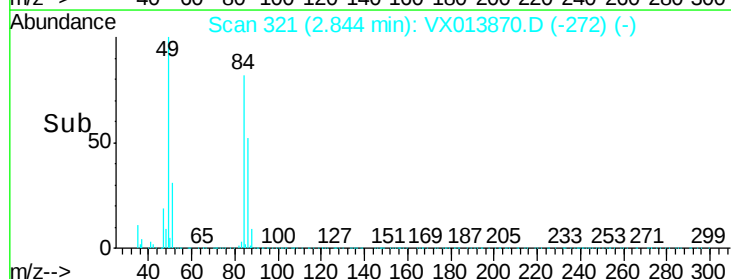
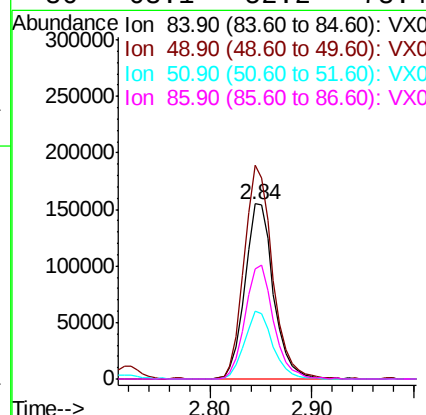
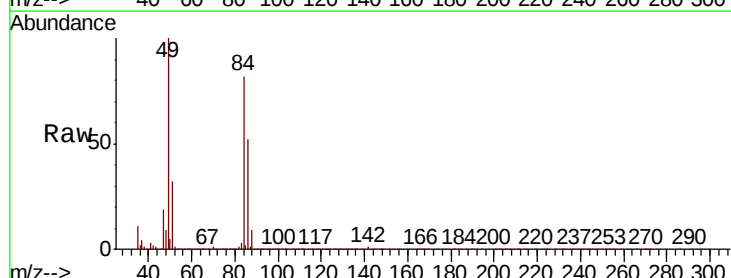
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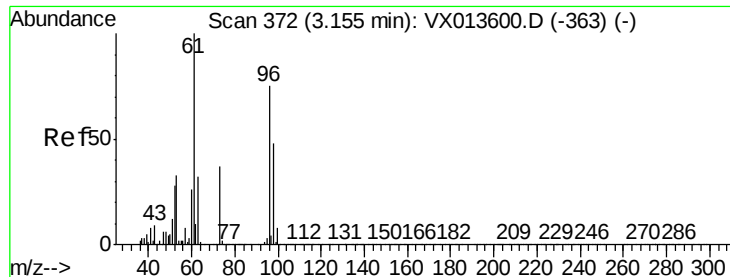
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#20
Methylene Chloride
Concen: 49.549 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	99.7	149.5
51	38.4	29.9	44.9
86	63.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.194 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 275429

Ion Ratio Lower Upper

96 100

61 133.3 107.2 160.8

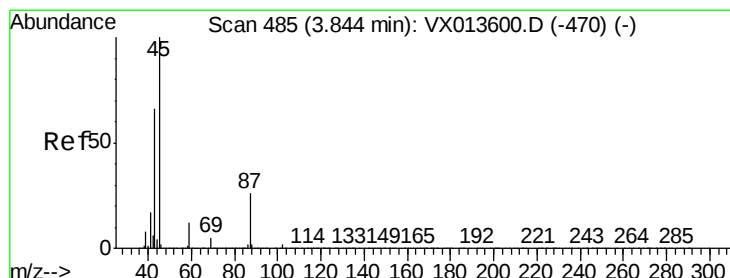
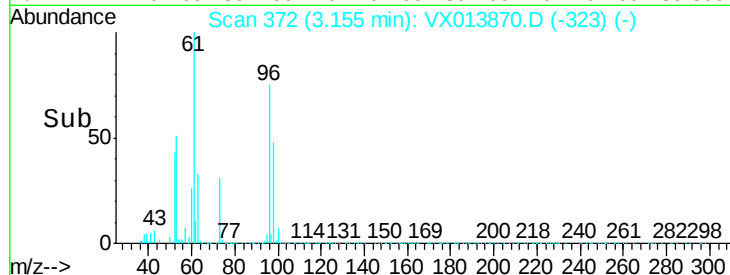
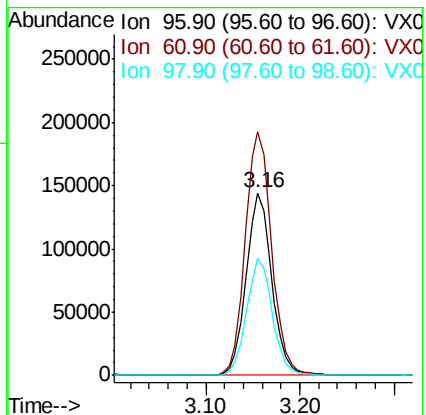
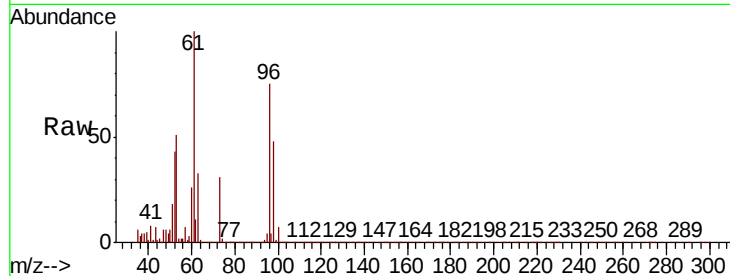
98 63.8 51.4 77.0

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#22

Diisopropyl ether

Concen: 52.360 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion: 45 Resp: 959842

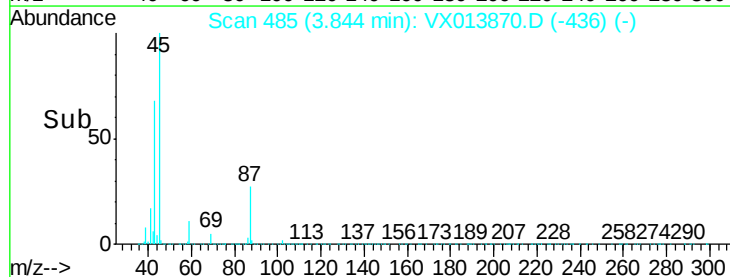
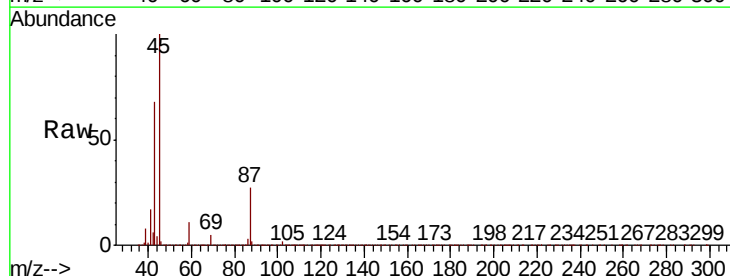
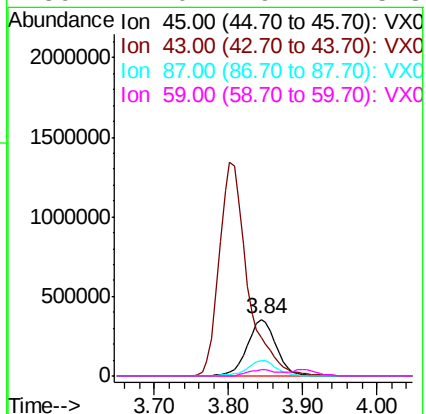
Ion Ratio Lower Upper

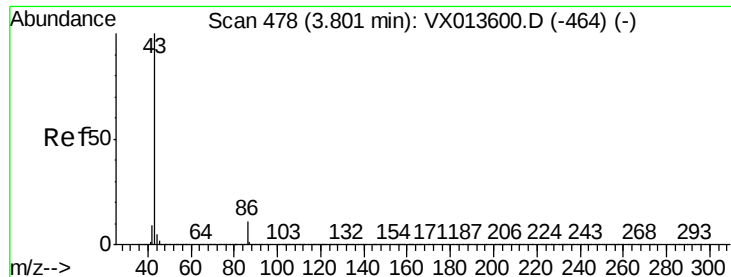
45 100

43 67.6 52.6 79.0

87 27.1 21.1 31.7

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 233.266 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3557285

Ion Ratio Lower Upper

43 100

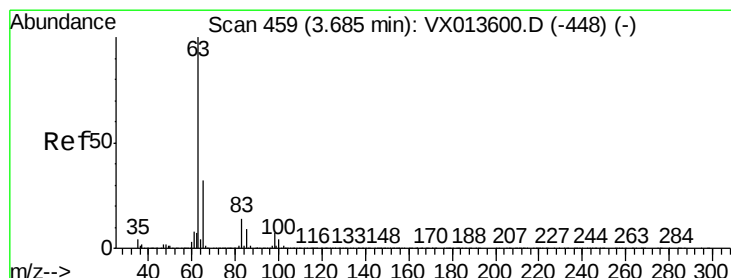
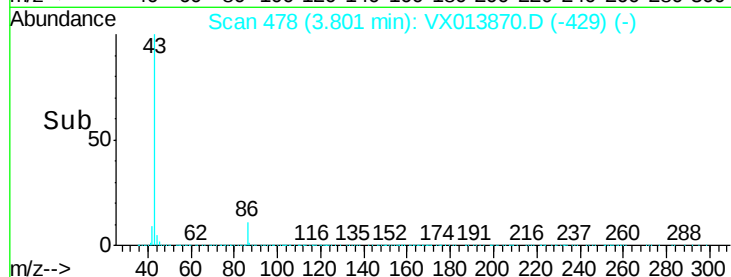
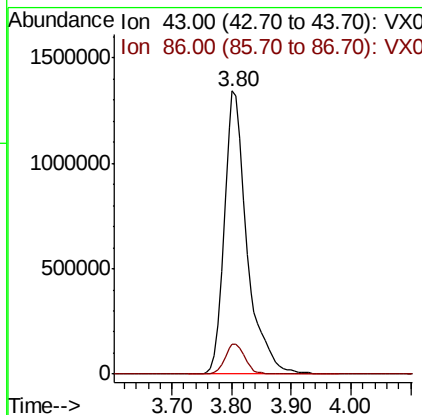
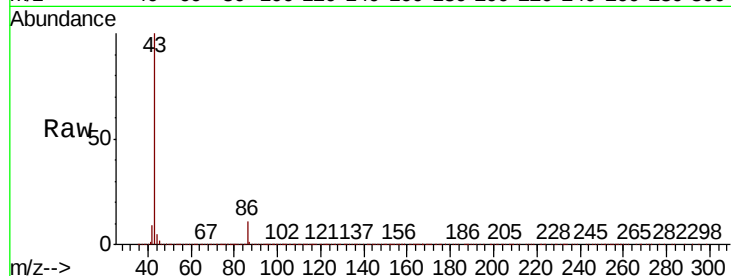
86 10.6 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 51.499 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

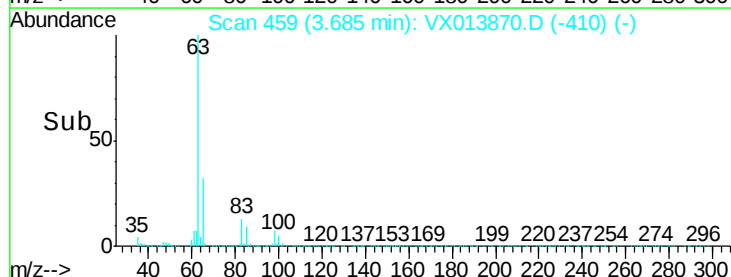
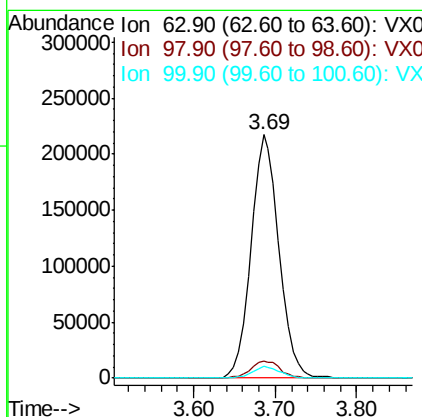
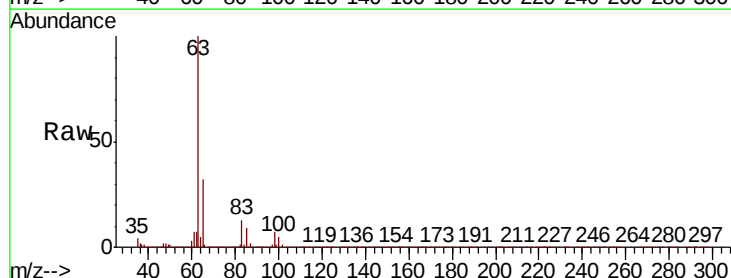
Tgt Ion: 63 Resp: 516086

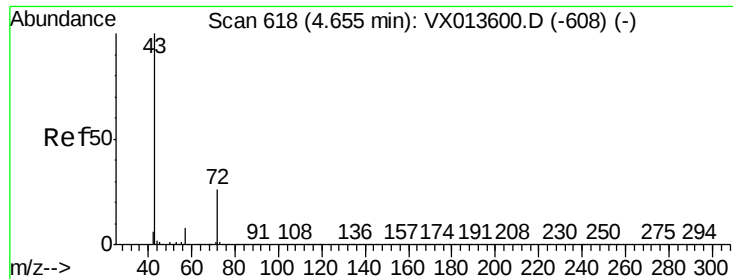
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 266.944 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1253318

Ion Ratio Lower Upper

43 100

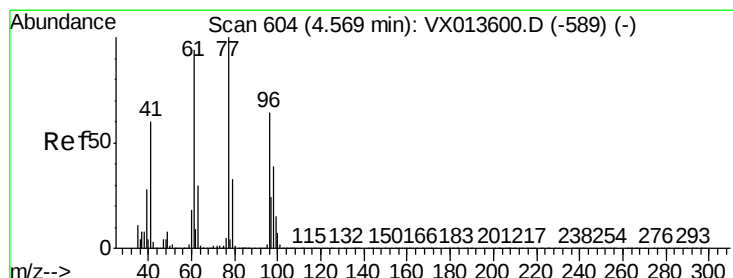
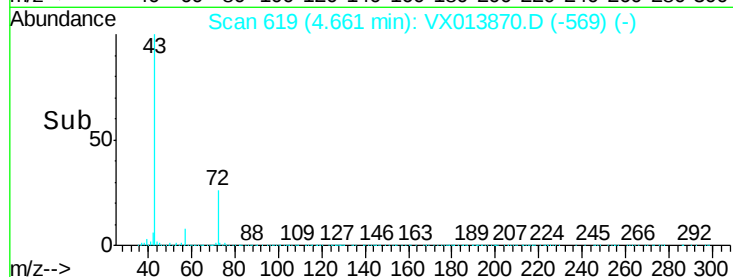
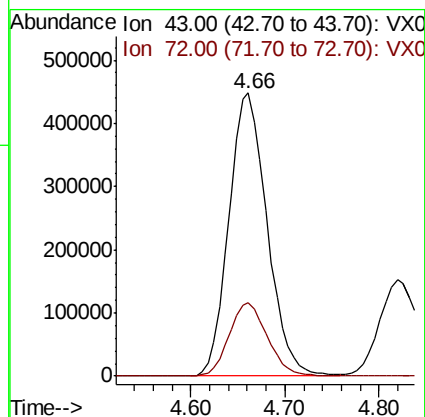
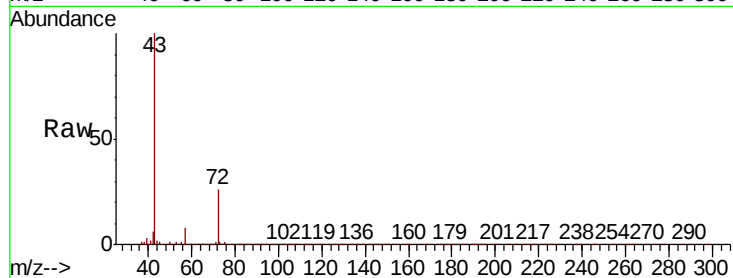
72 25.7 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 42.365 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013870.D

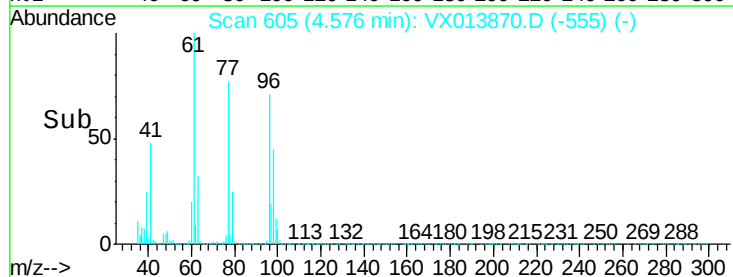
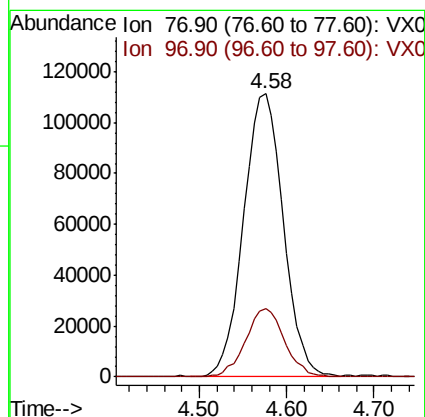
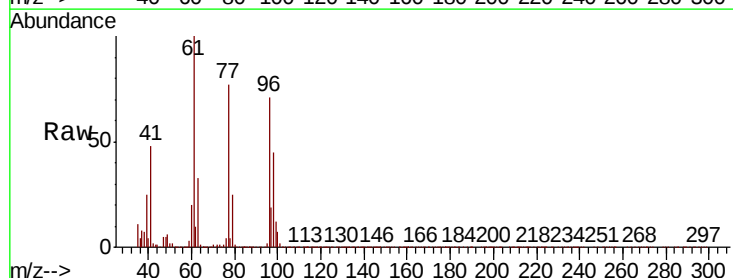
Acq: 09 Dec 2019 23:10

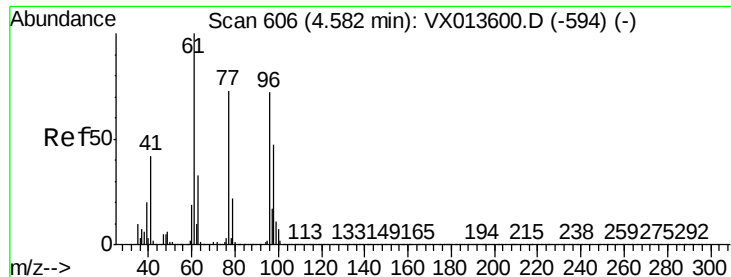
Tgt Ion: 77 Resp: 351261

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

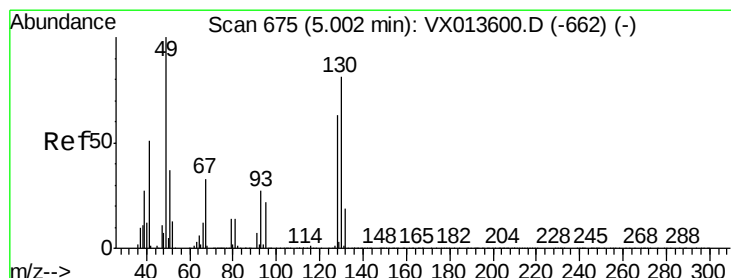
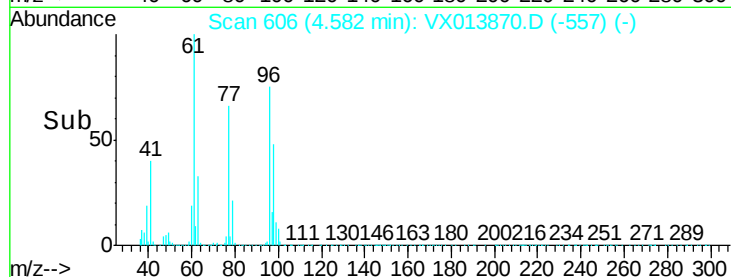
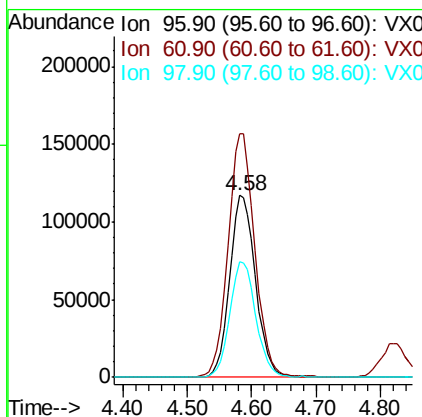
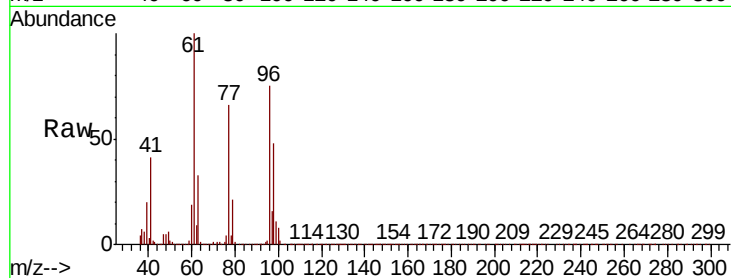
cis-1,2-Dichloroethene
Concen: 49.990 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.4	0.0	286.4	
98	64.1	0.0	127.4	

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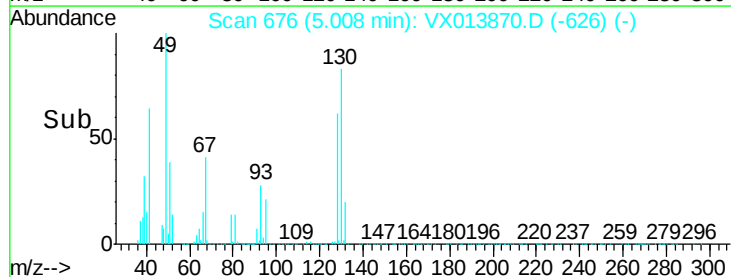
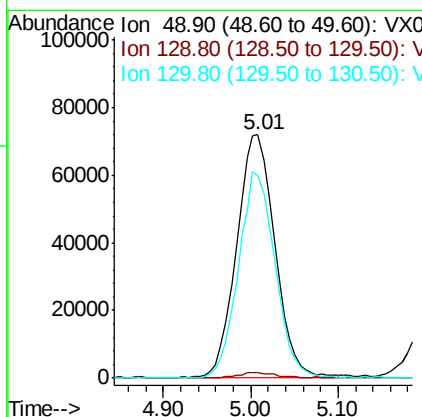
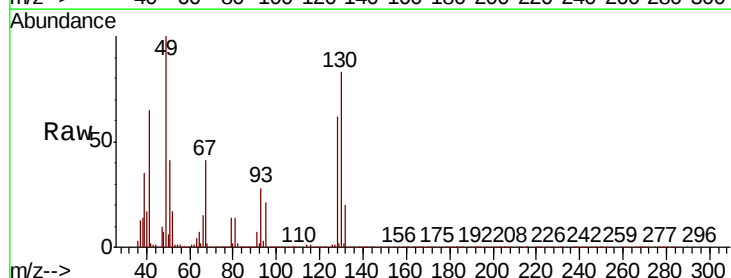
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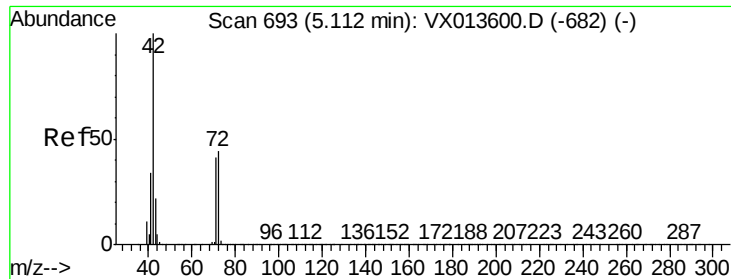


#28

Bromochloromethane
Concen: 54.741 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.0	
130	81.4	65.4	98.0	





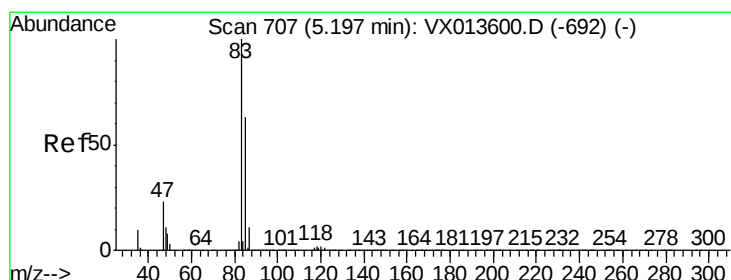
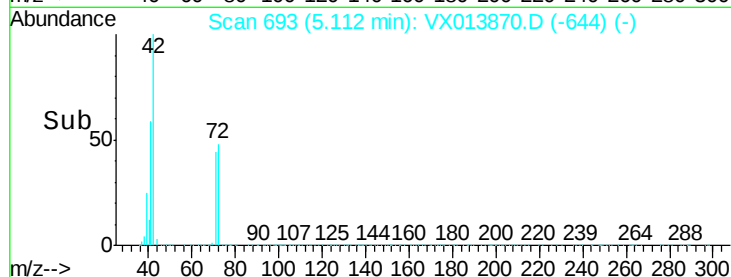
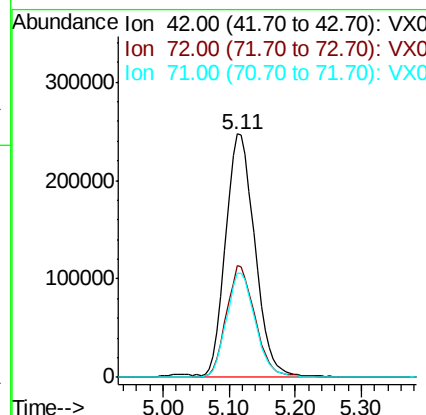
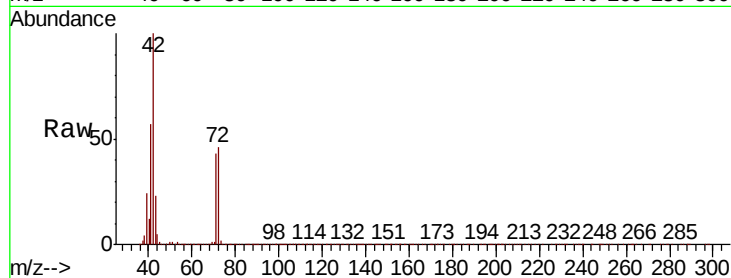
#29
Tetrahydrofuran
Concen: 260.885 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.3	54.5
71	42.1	33.2	49.8

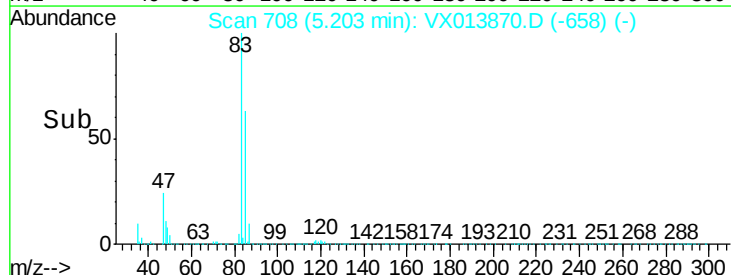
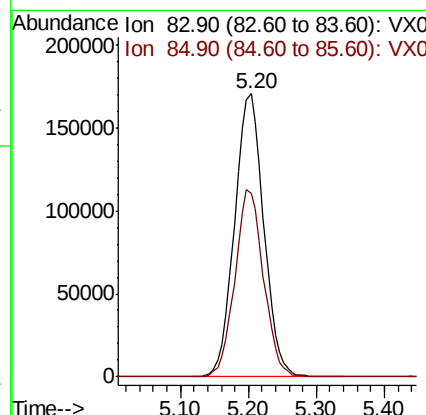
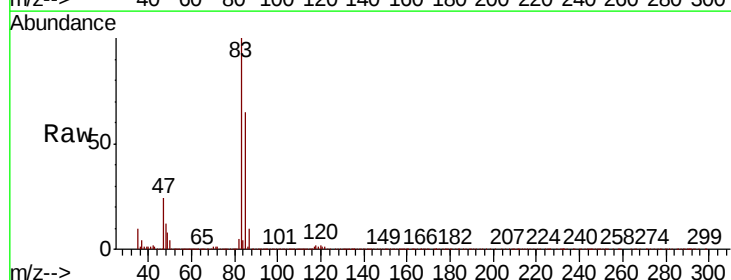
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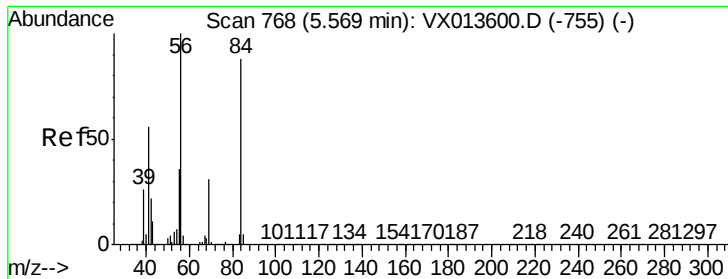
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#30
Chloroform
Concen: 49.811 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4





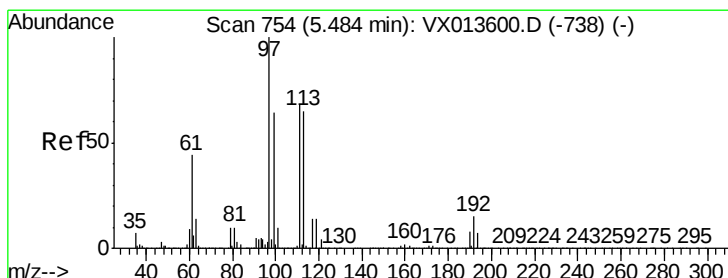
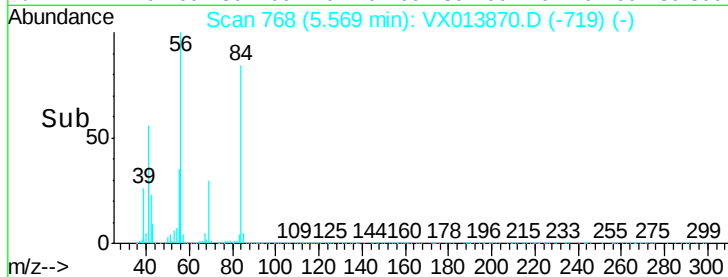
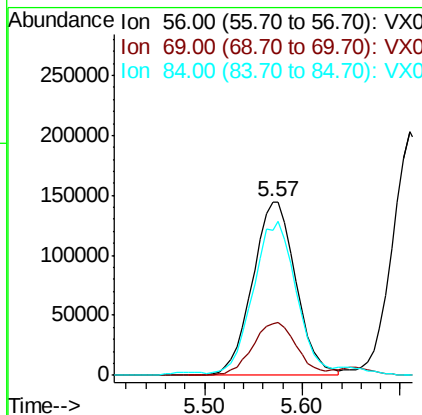
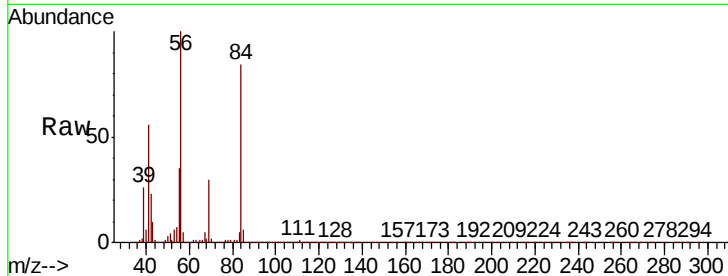
#31
Cyclohexane
Concen: 46.976 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.6	36.8
84	82.5	70.0	105.0

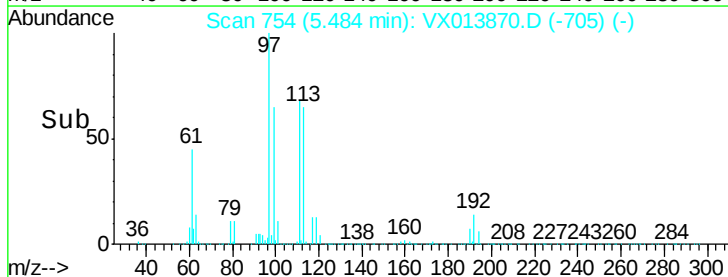
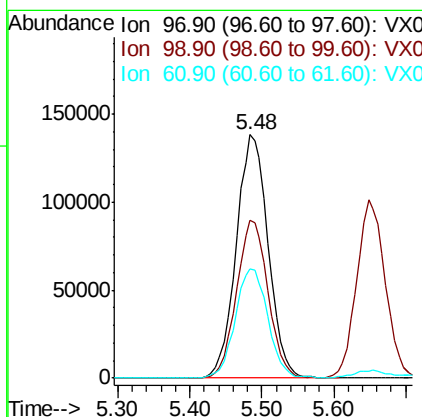
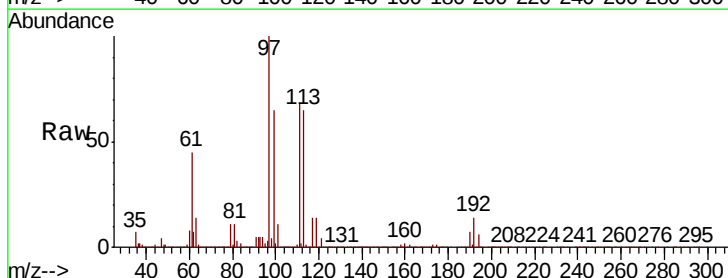
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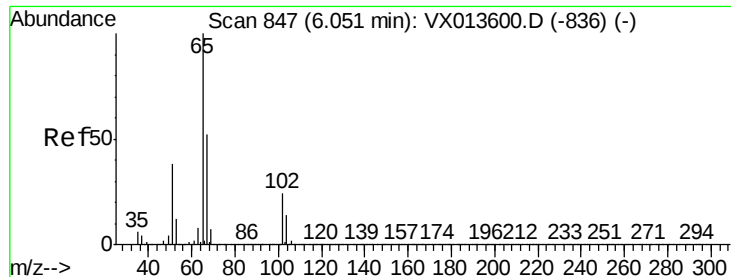
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#32
1,1,1-Trichloroethane
Concen: 49.882 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	45.5	36.1	54.1





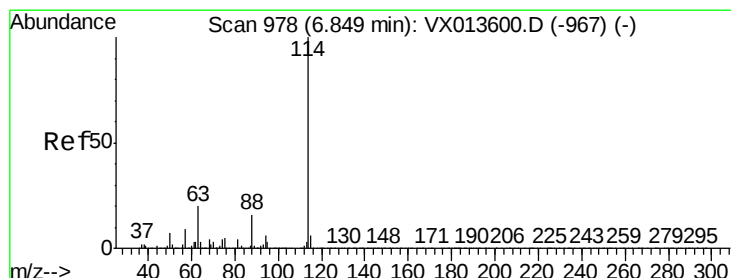
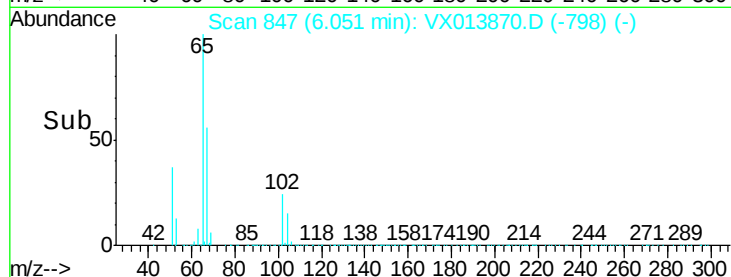
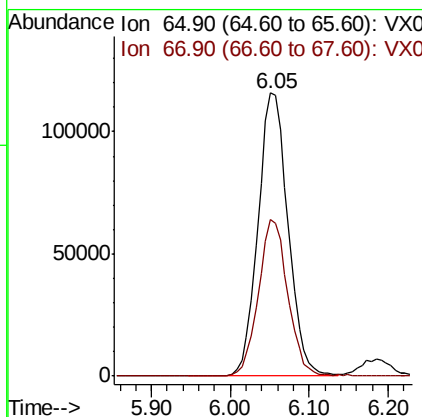
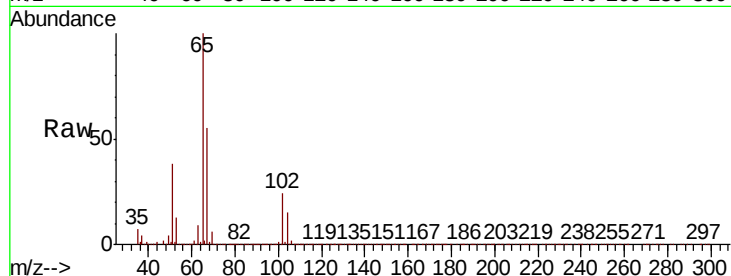
#33
 1,2-Dichloroethane-d4
 Concen: 47.708 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	104.4	

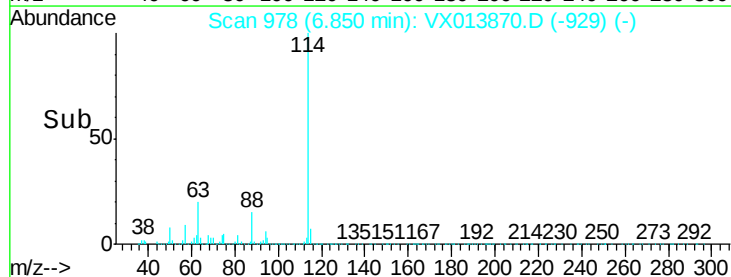
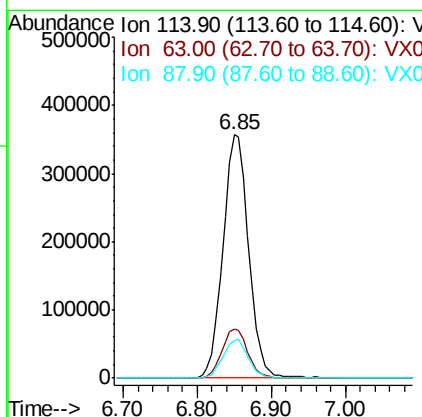
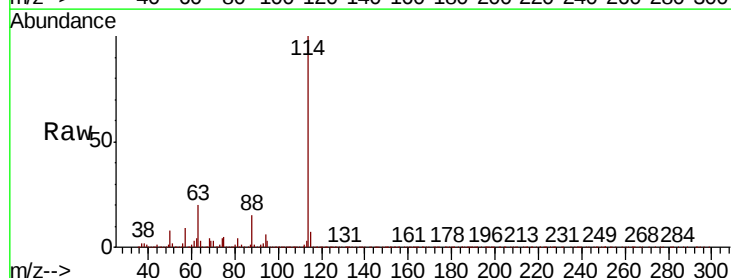
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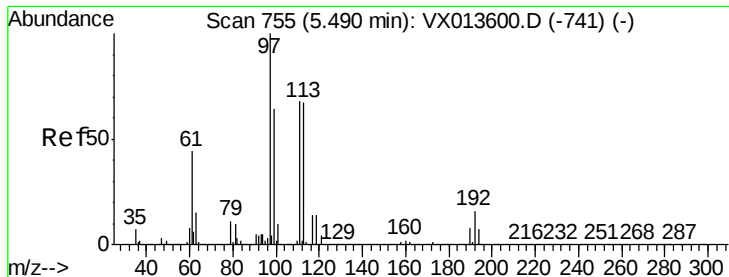
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	39.6	
88	15.5	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

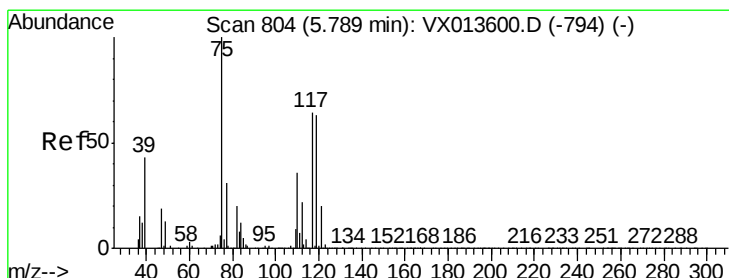
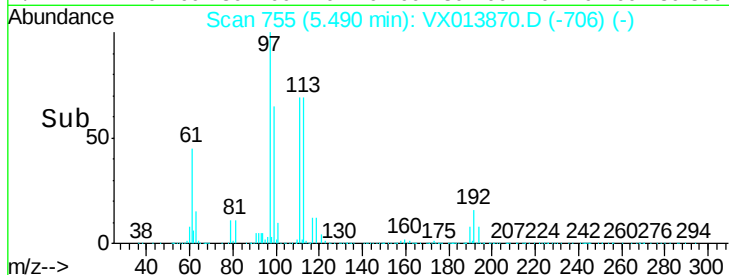
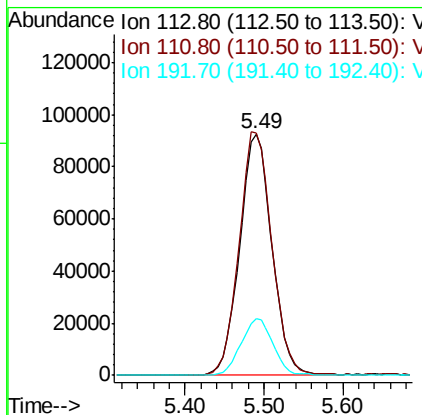
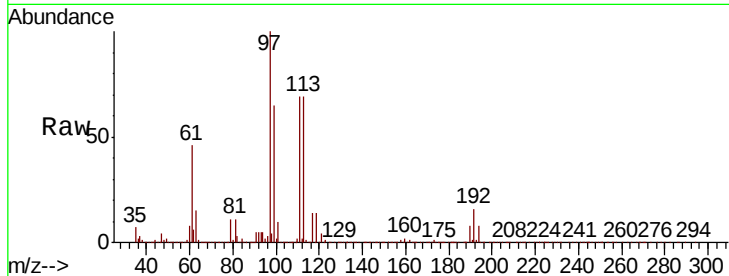
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	261485
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.6	125.4
192	23.6	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 47.536 ug/l

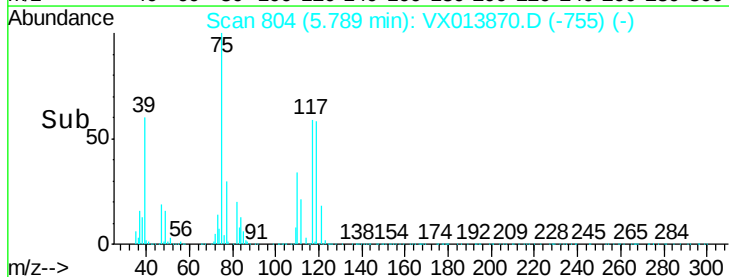
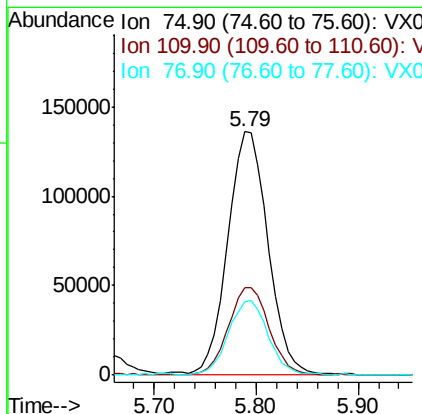
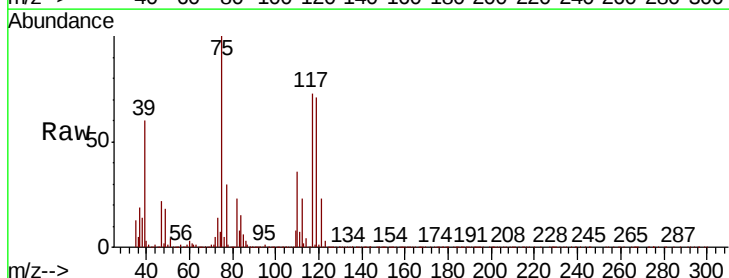
RT: 5.79 min Scan# 804

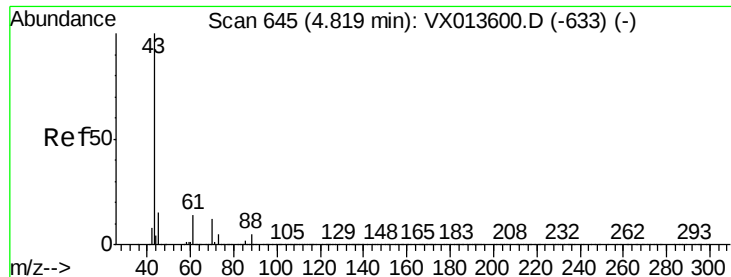
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	75	Resp:	368433
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.1	54.1
77	30.4	24.5	36.7





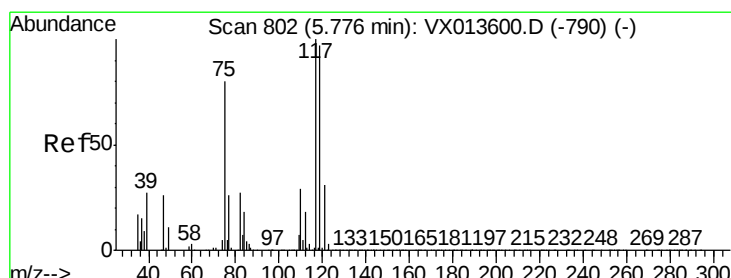
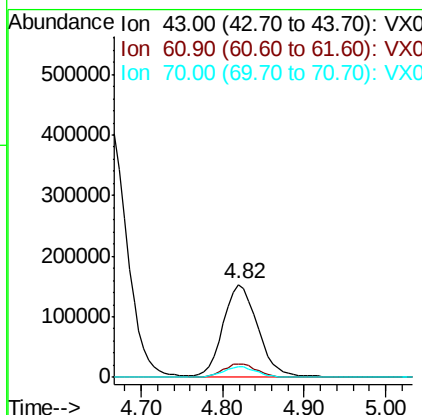
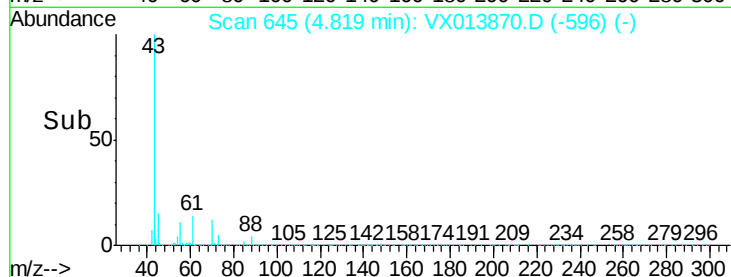
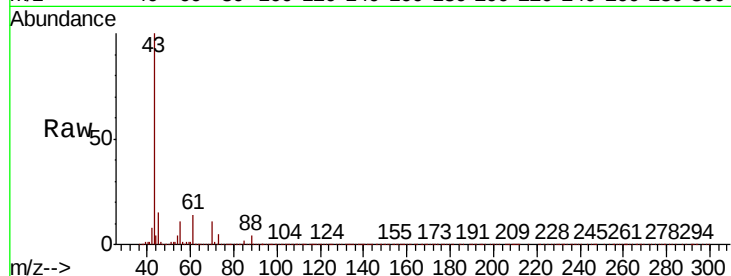
#37
Ethyl Acetate
Concen: 51.101 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	444318
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	11.3	8.6	12.8

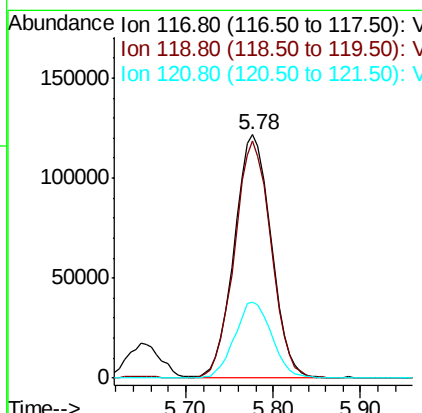
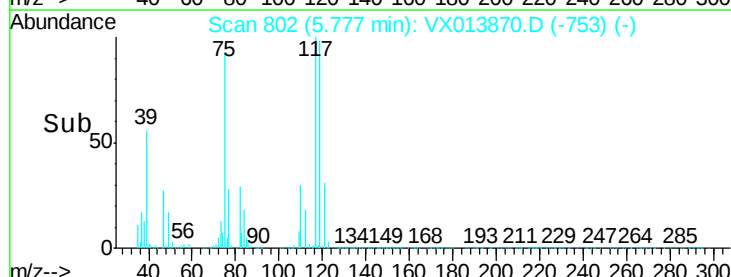
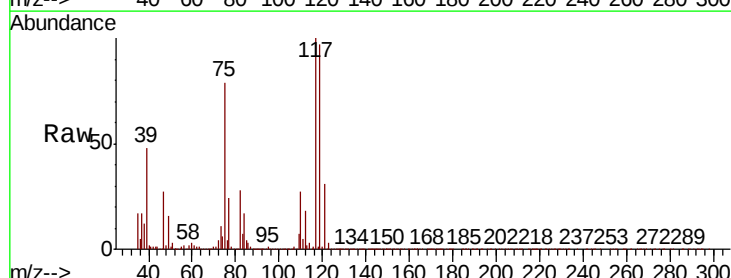
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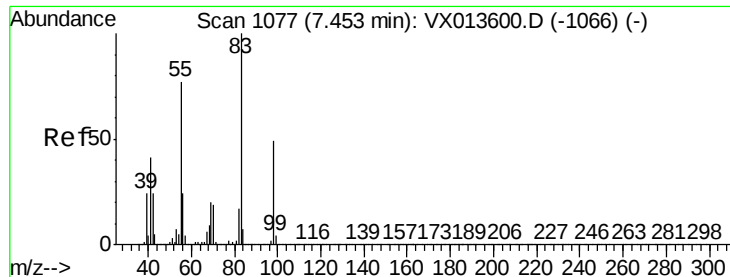
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#38
Carbon Tetrachloride
Concen: 49.868 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion:	117	Resp:	356395
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.5	116.3
121	31.0	25.0	37.6





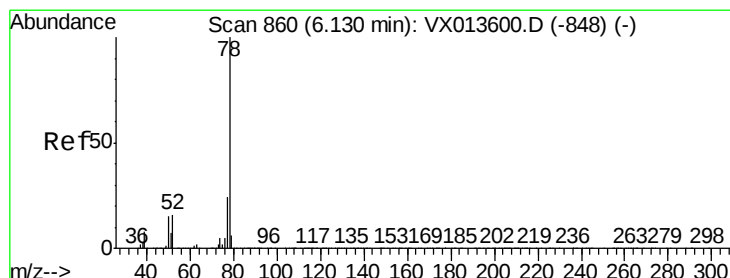
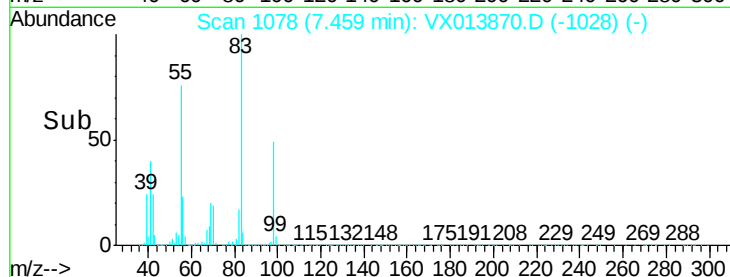
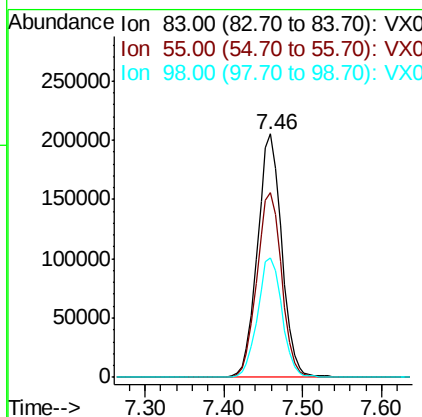
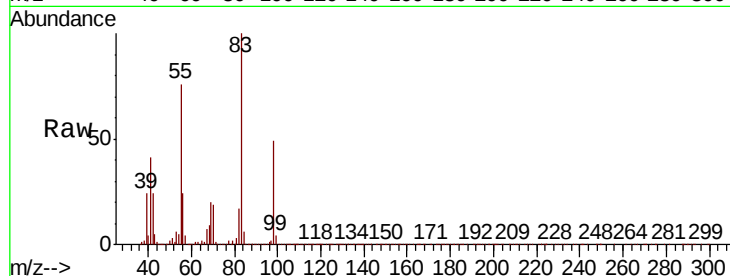
#39
Methvlcvclohexane
Concen: 45.930 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.9	92.9
98	48.8	39.4	59.0

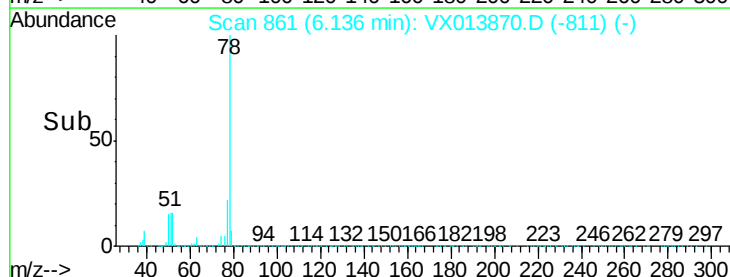
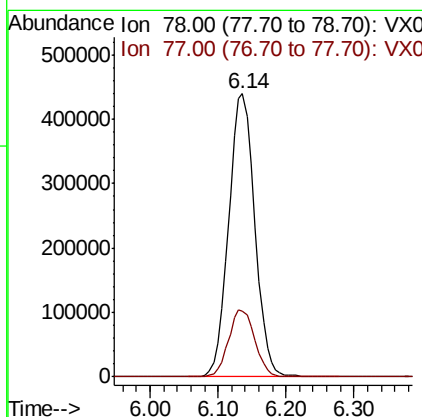
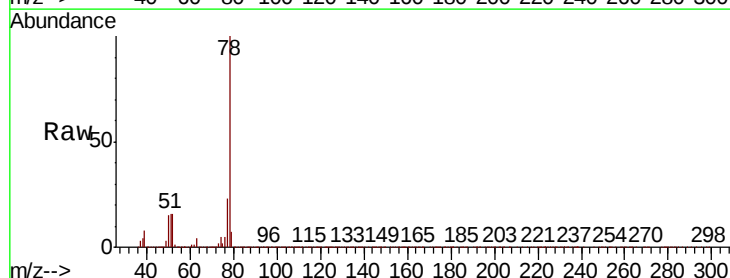
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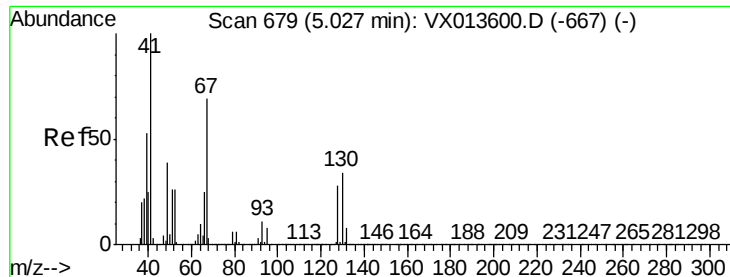
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#40
Benzene
Concen: 49.671 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41

Methacrylonitrile

Concen: 55.169 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013870.D

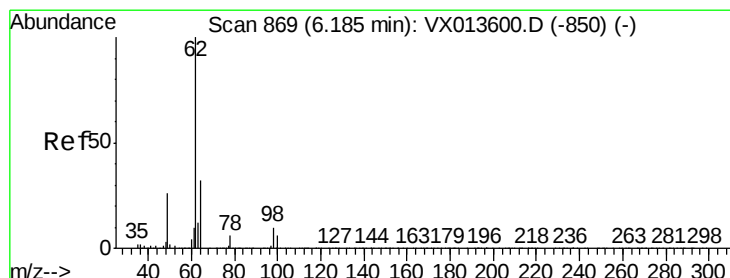
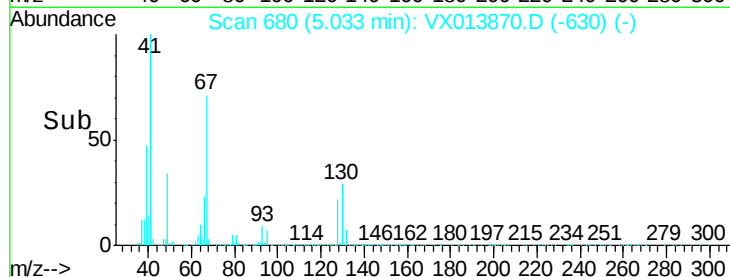
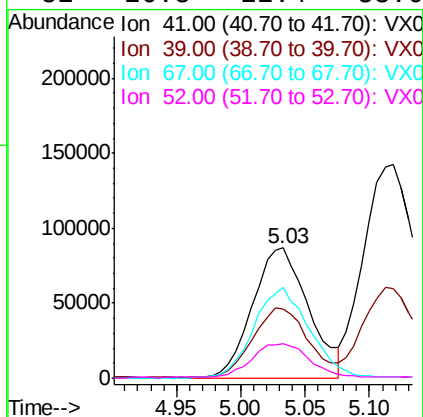
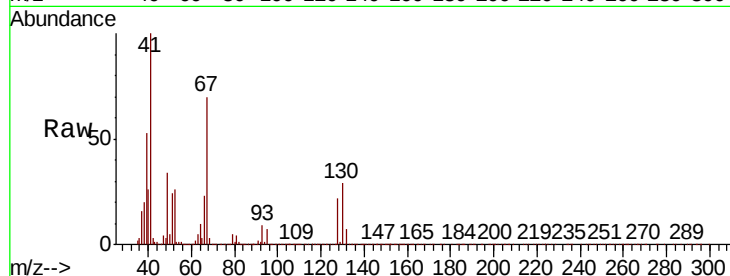
Acq: 09 Dec 2019 23:10

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	42.9	64.3	
67	70.1	57.4	86.0	
52	26.8	22.4	33.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#42

1,2-Dichloroethane

Concen: 50.225 ug/l

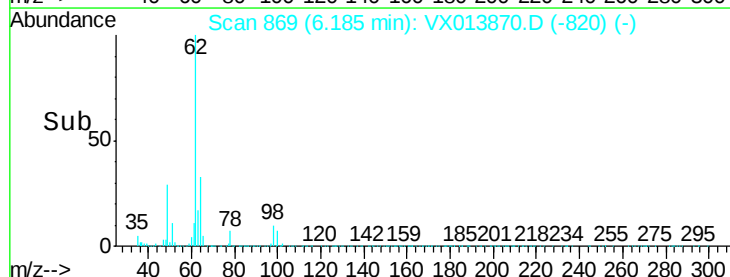
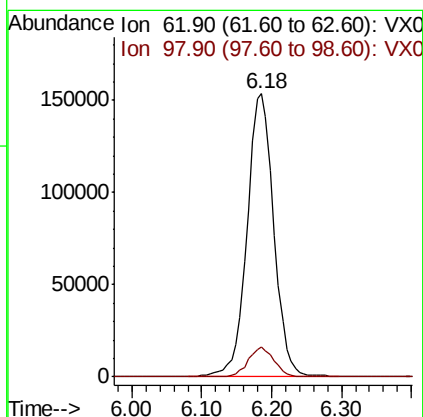
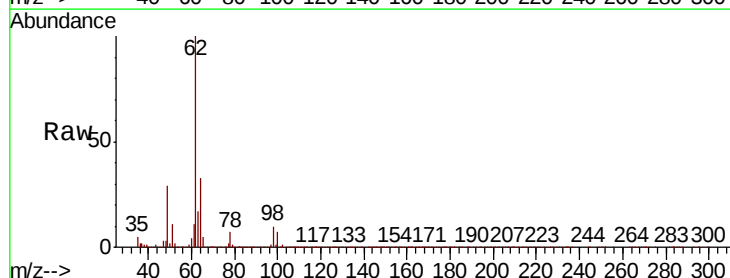
RT: 6.18 min Scan# 869

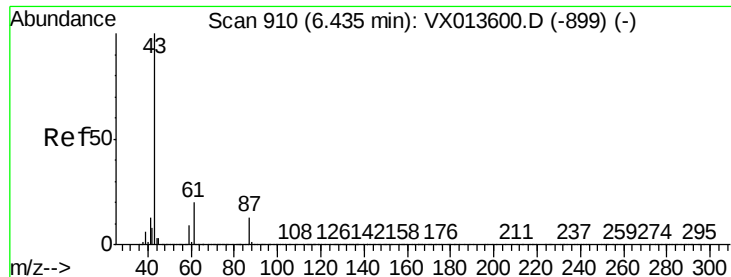
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	





#43

Isopropyl Acetate

Concen: 50.745 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

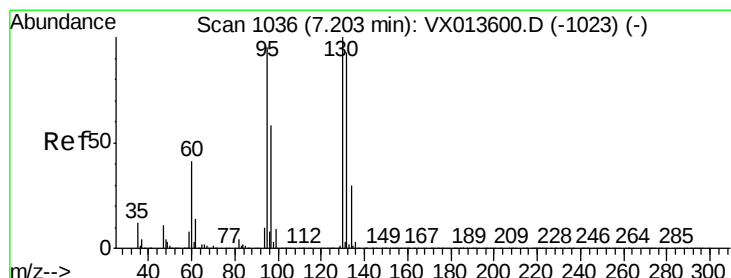
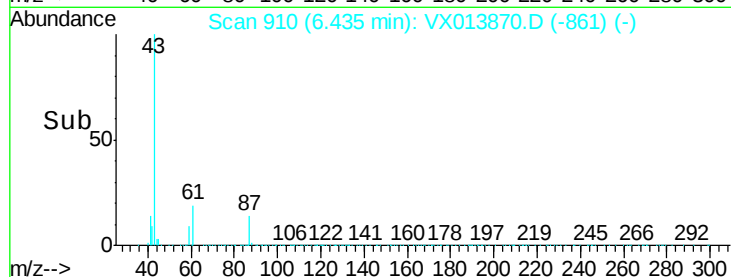
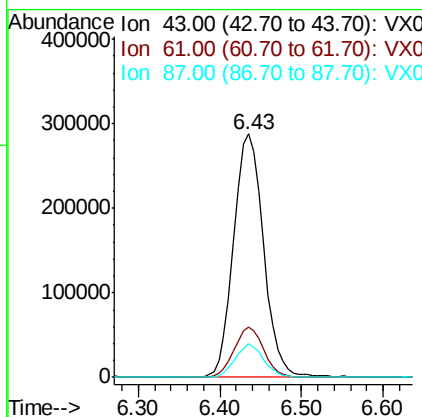
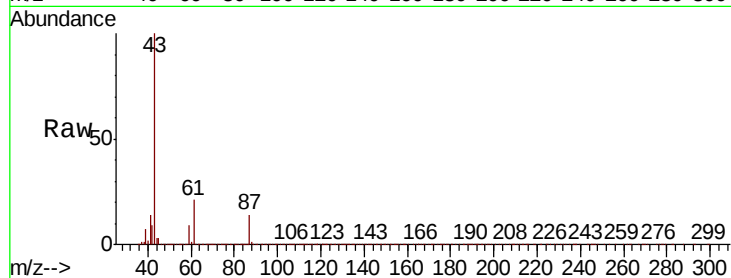
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	726392
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.3	24.5
87	13.2	10.8	16.2

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#44

Trichloroethene

Concen: 48.937 ug/l

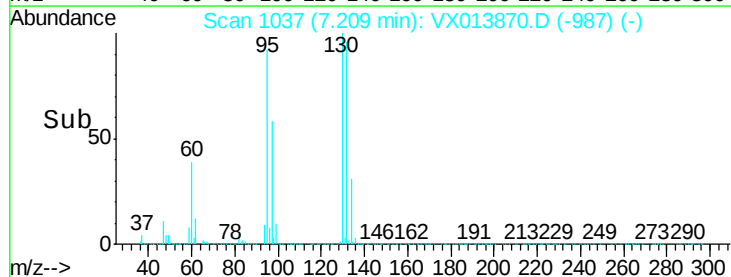
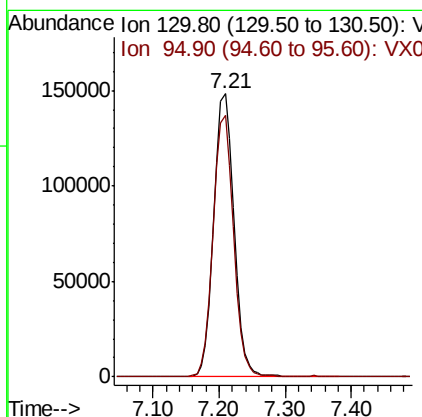
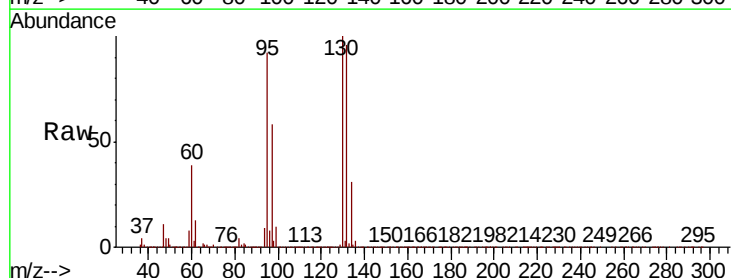
RT: 7.21 min Scan# 1037

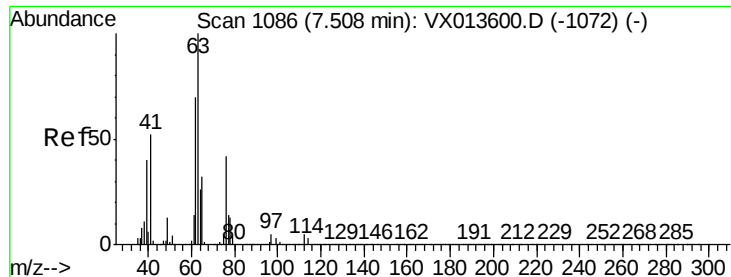
Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	130	Resp:	317042
Ion Ratio	Lower	Upper	
130	100		
95	92.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.906 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 306564

Ion Ratio Lower Upper

63 100

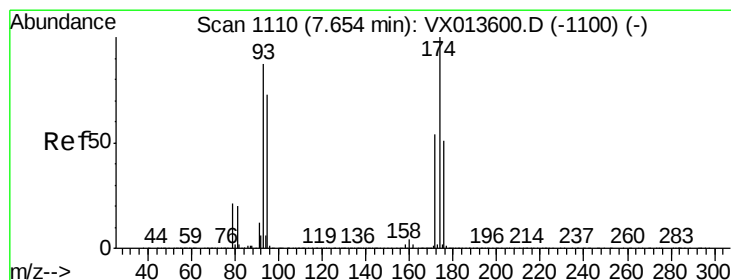
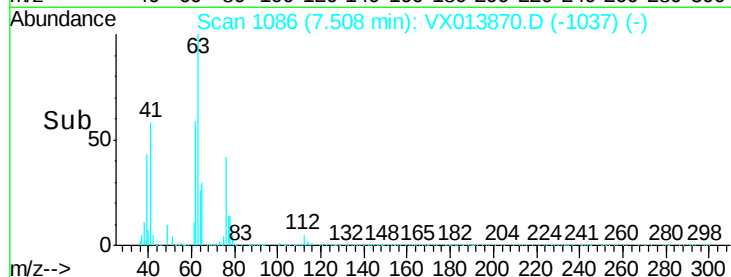
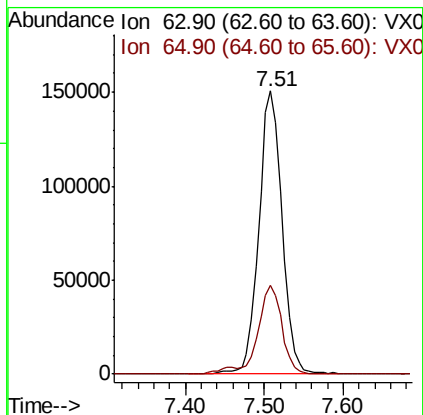
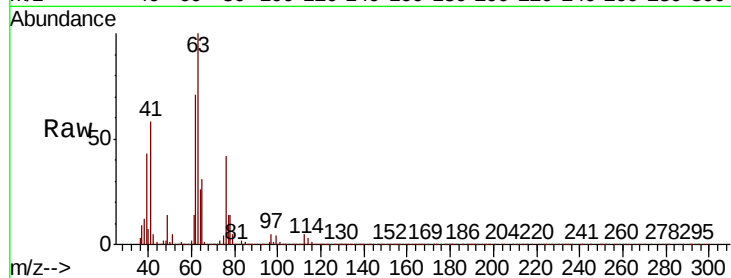
65 31.3 25.5 38.3

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#46

Dibromomethane

Concen: 48.758 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

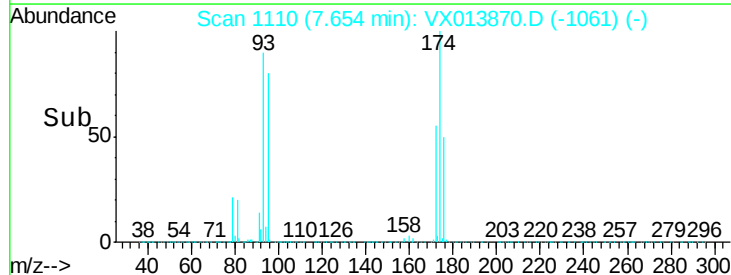
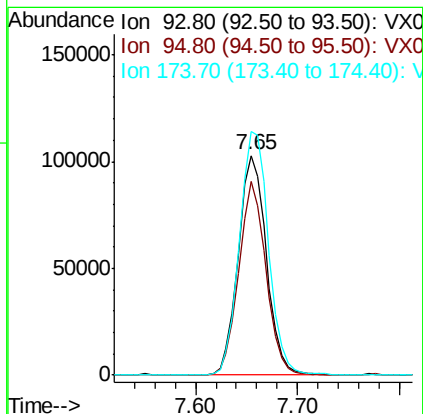
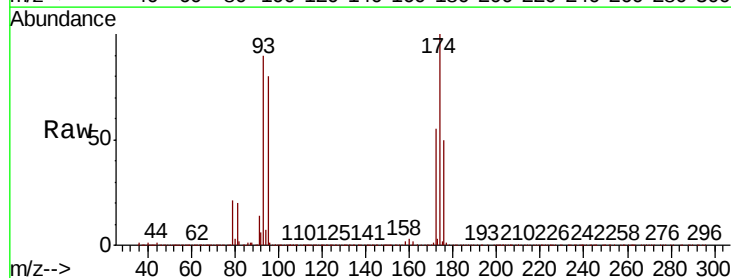
Tgt Ion: 93 Resp: 195581

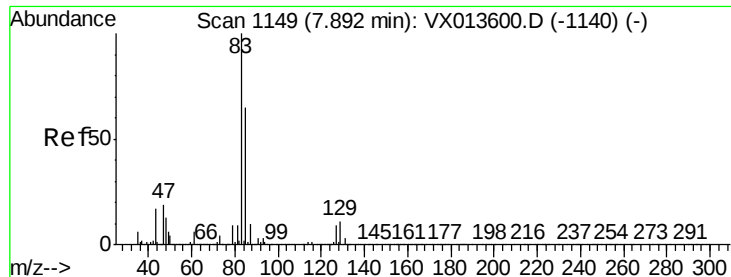
Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.2

174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 51.628 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

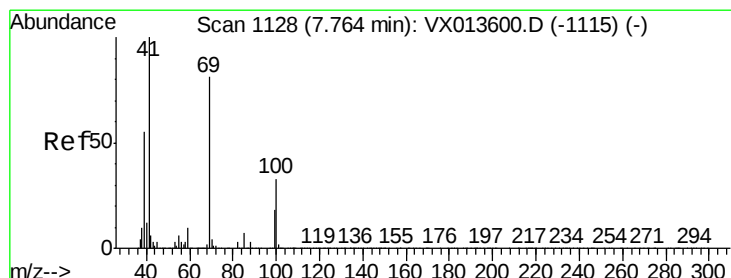
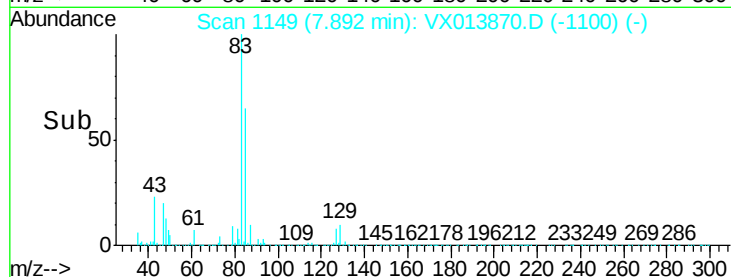
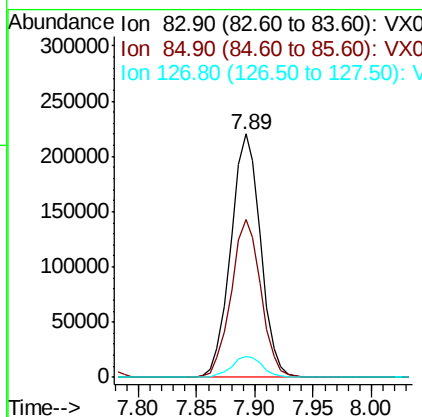
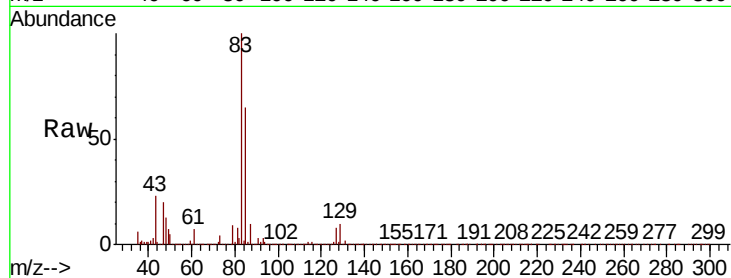
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	391501
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.1	78.1
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.539 ug/l

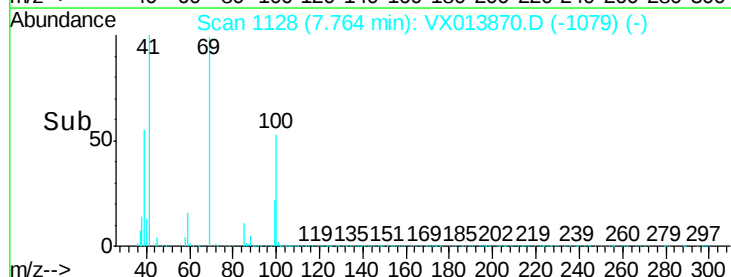
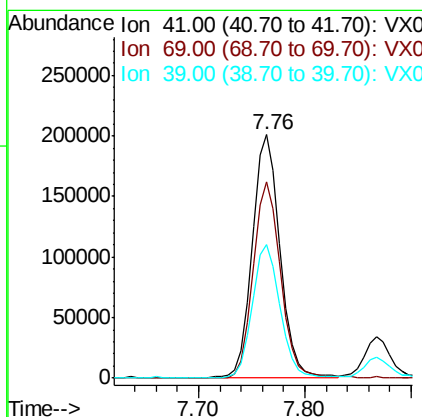
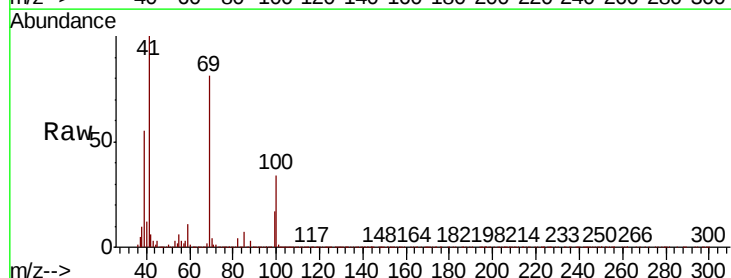
RT: 7.76 min Scan# 1128

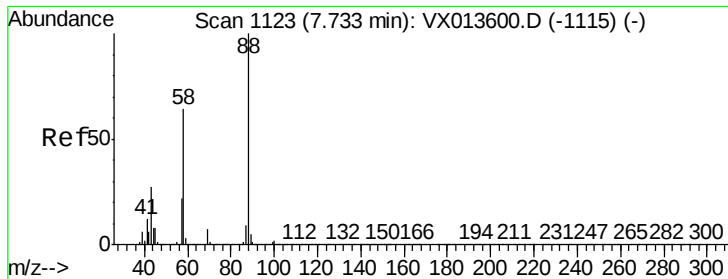
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	41	Resp:	365419
Ion Ratio	Lower	Upper	
41	100		
69	80.0	64.7	97.1
39	55.1	43.8	65.6





#49

1,4-Dioxane

Concen: 876.240 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

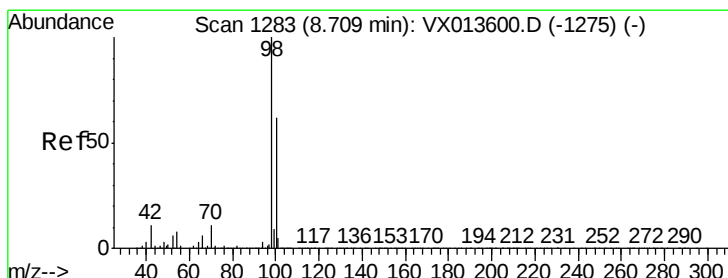
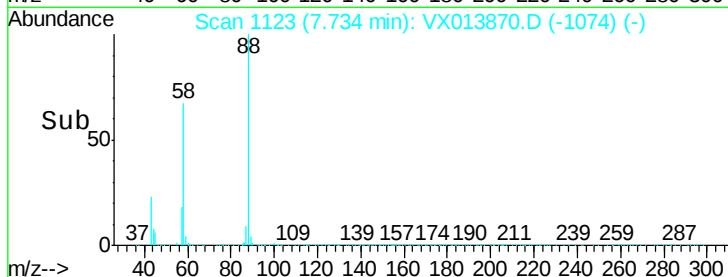
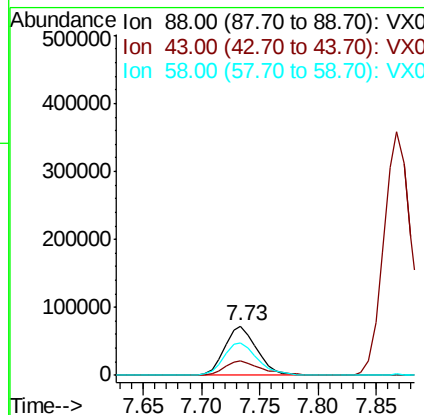
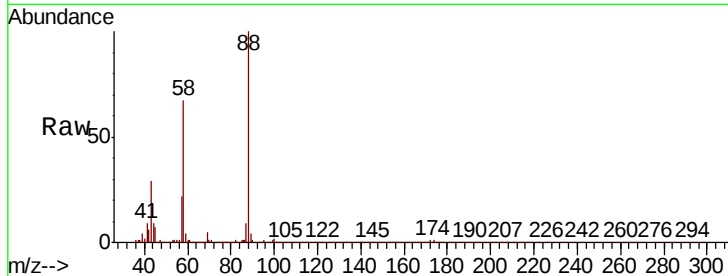
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	136416
Ion Ratio		Lower	Upper
88	100		
43	33.5	25.8	38.6
58	70.9	54.6	82.0

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#50

Toluene-d8

Concen: 47.456 ug/l

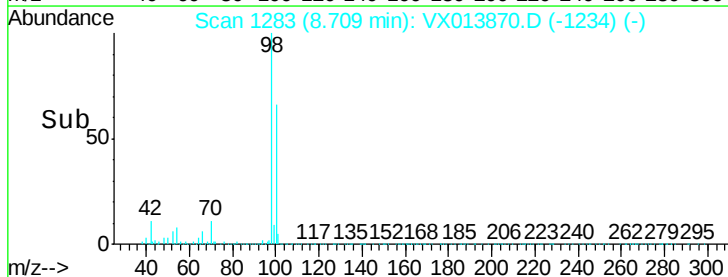
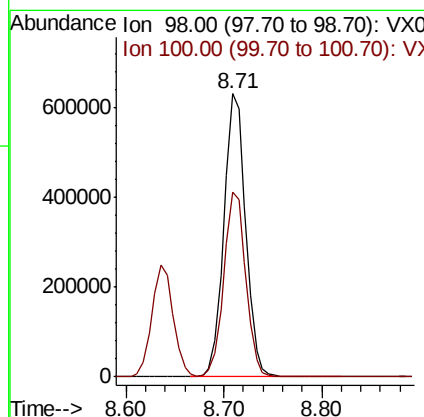
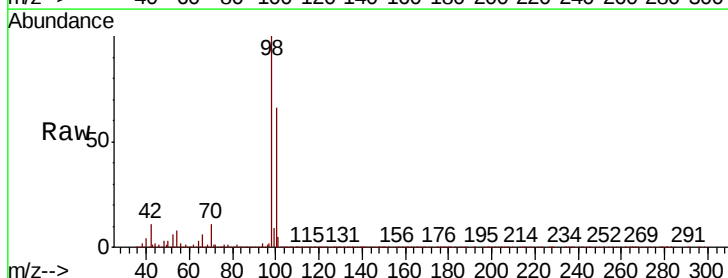
RT: 8.71 min Scan# 1283

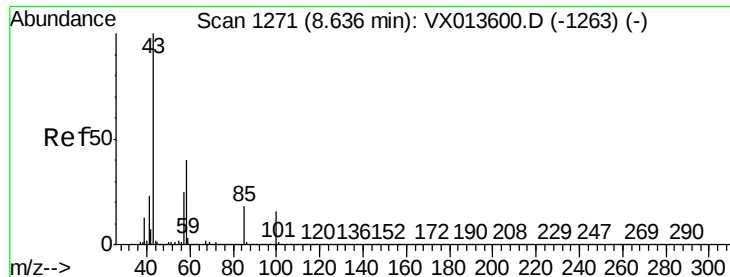
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	98	Resp:	975953
Ion Ratio		Lower	Upper
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 263.400 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2371722

Ion Ratio Lower Upper

43 100

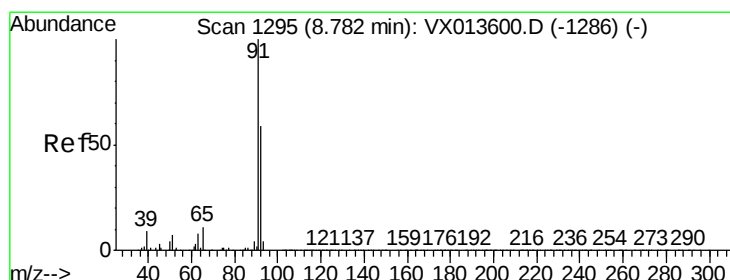
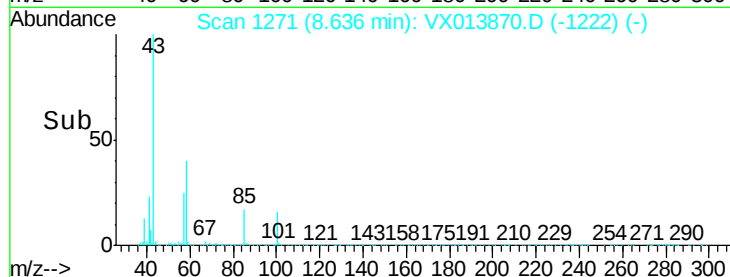
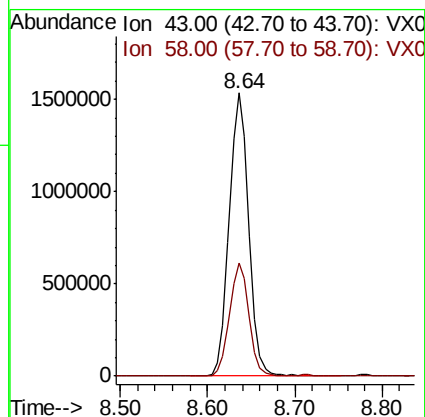
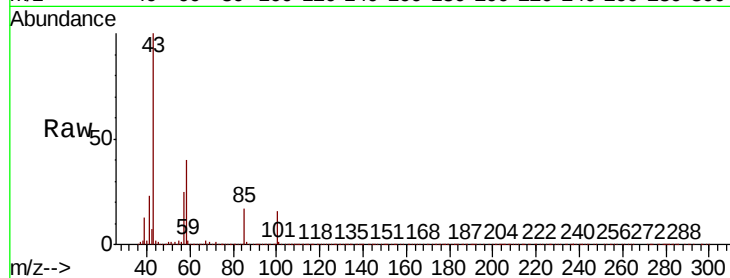
58 39.5 32.1 48.1

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#52

Toluene

Concen: 49.551 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013870.D

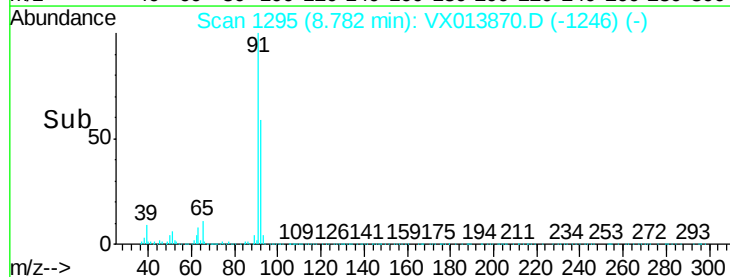
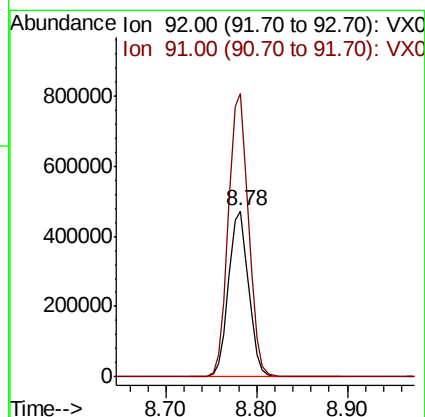
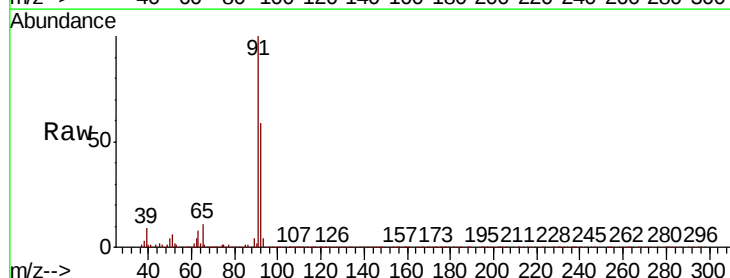
Acq: 09 Dec 2019 23:10

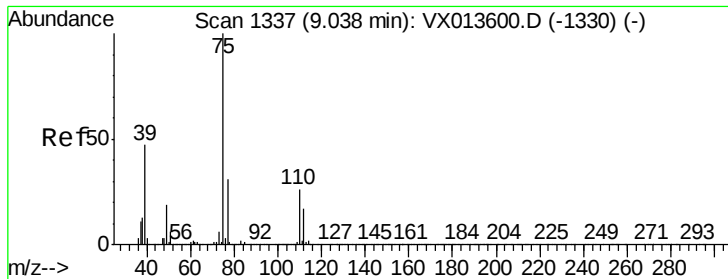
Tgt Ion: 92 Resp: 726663

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2





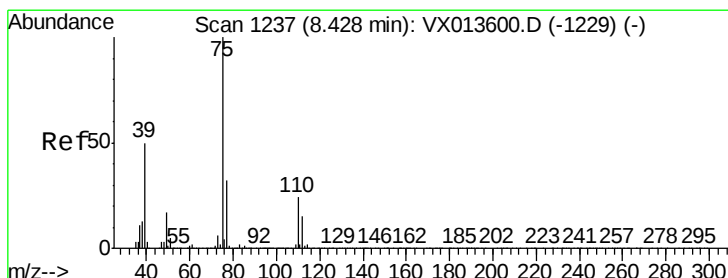
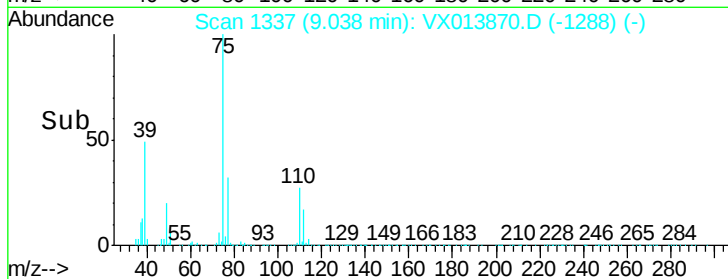
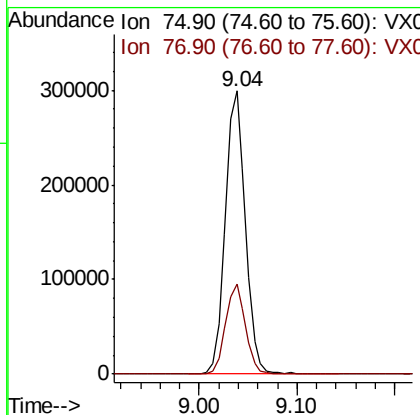
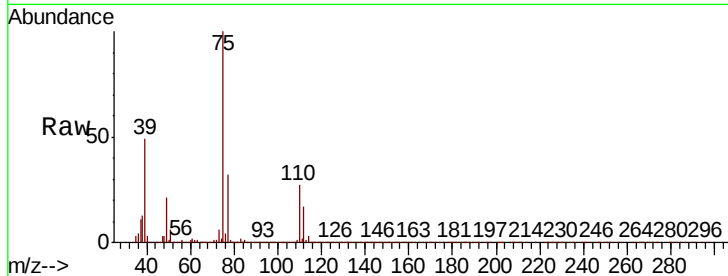
#53
t-1,3-Dichloropropene
Concen: 49.189 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 424571
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6

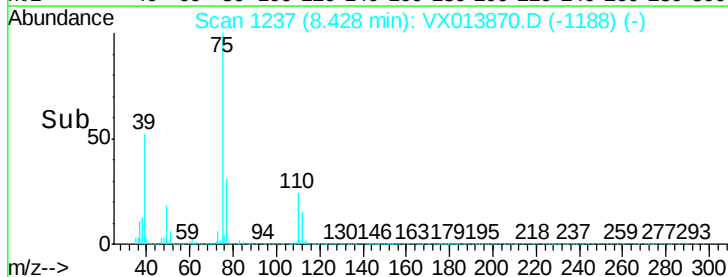
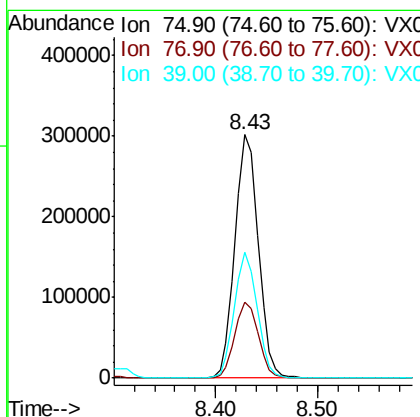
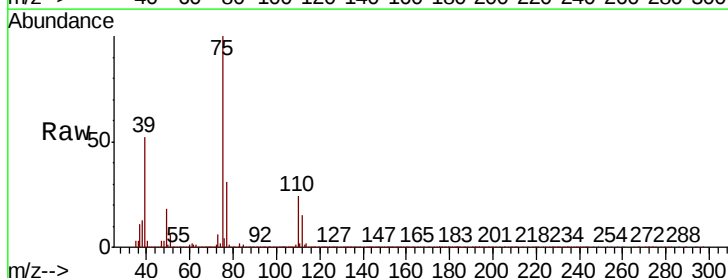
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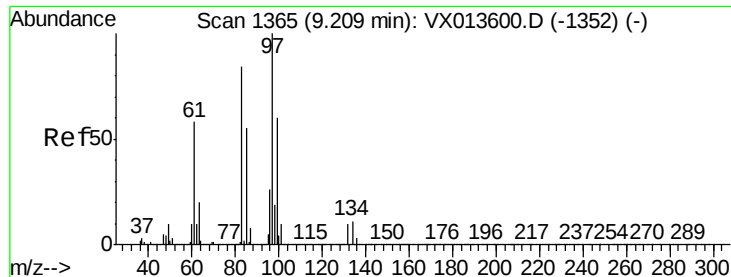
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#54
cis-1,3-Dichloropropene
Concen: 50.485 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 75 Resp: 476074
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6
39 51.5 39.9 59.9





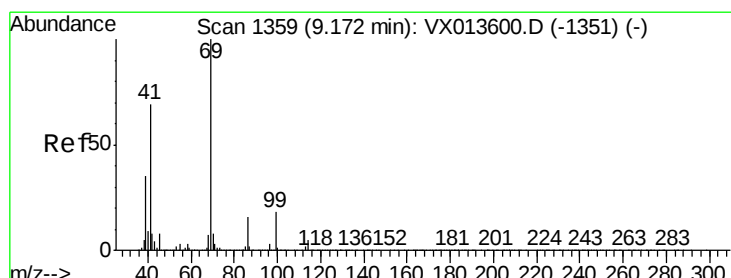
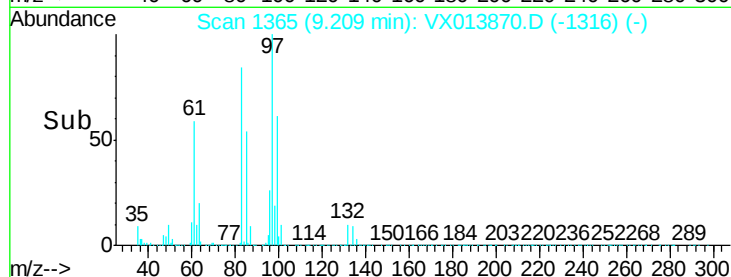
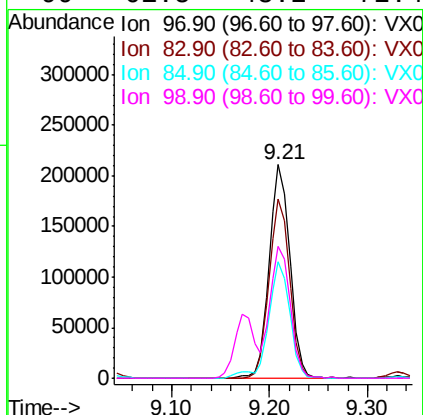
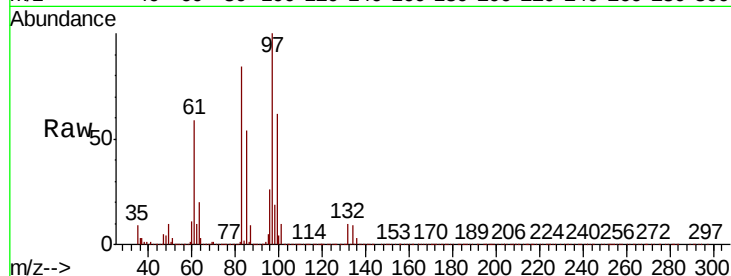
#55
 1,1,2-Trichloroethane
 Concen: 52.744 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	311700
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.3	100.9
85	54.2	43.6	65.4
99	61.5	48.2	72.4

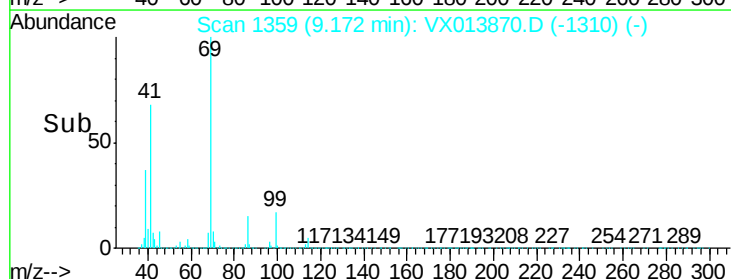
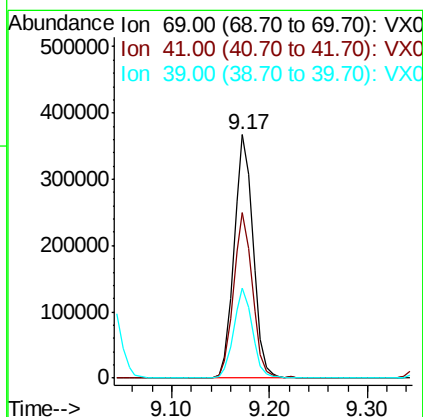
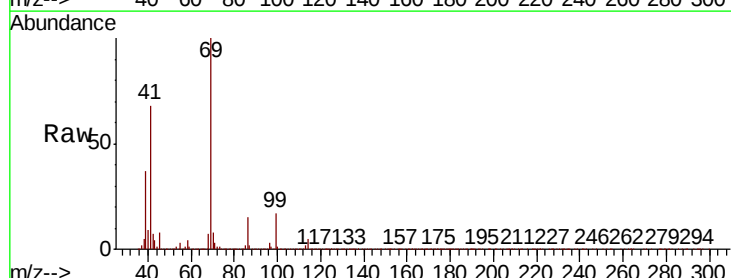
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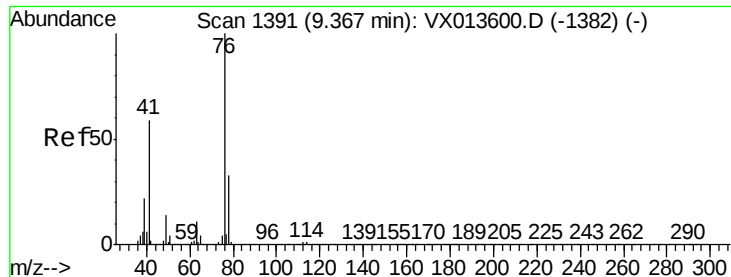
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#56
 Ethyl methacrylate
 Concen: 52.003 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion:	69	Resp:	494090
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.0	82.4
39	36.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 50.611 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 515534

Ion Ratio Lower Upper

76 100

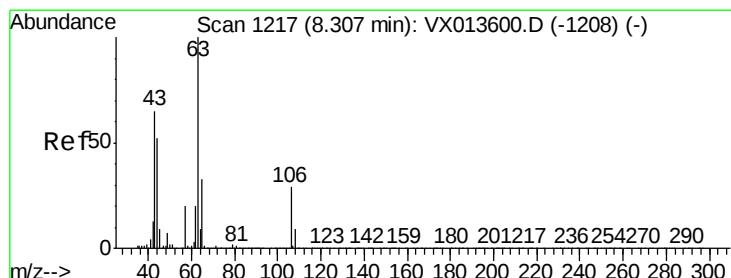
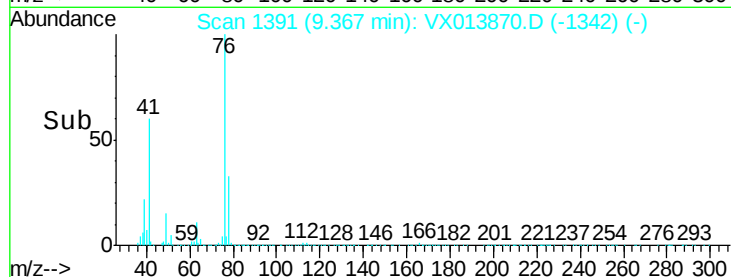
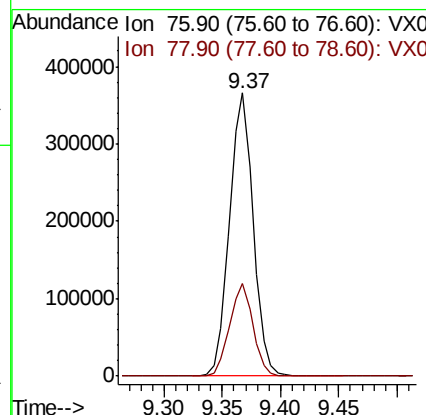
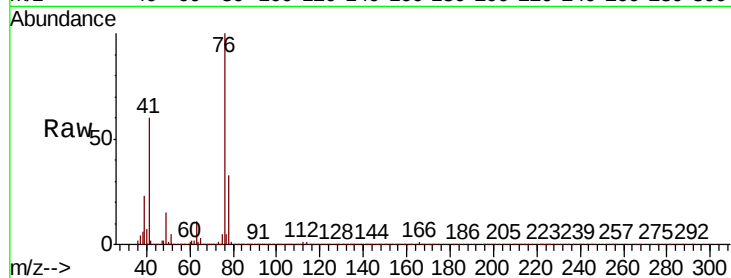
78 32.3 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 253.159 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013870.D

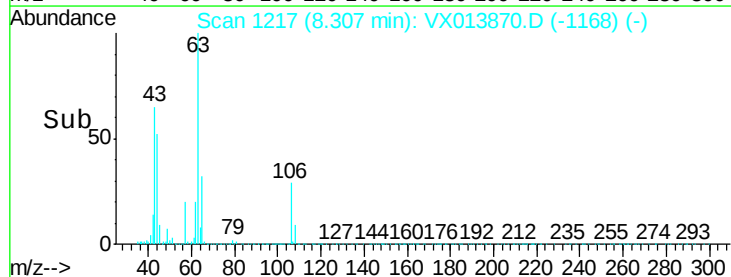
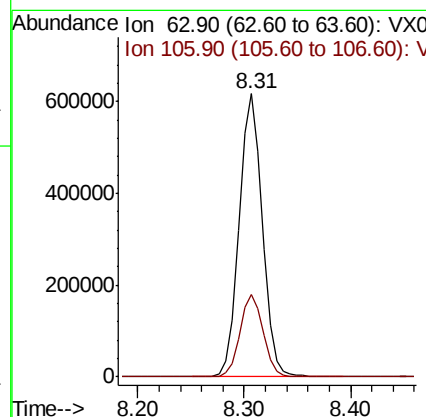
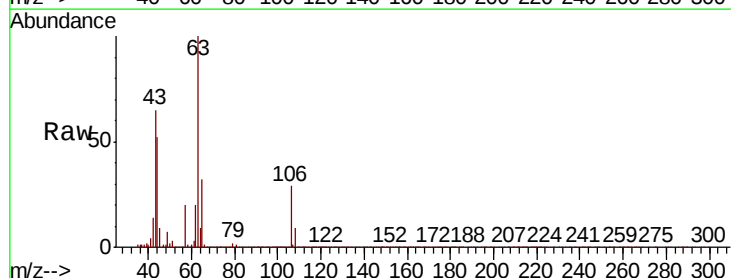
Acq: 09 Dec 2019 23:10

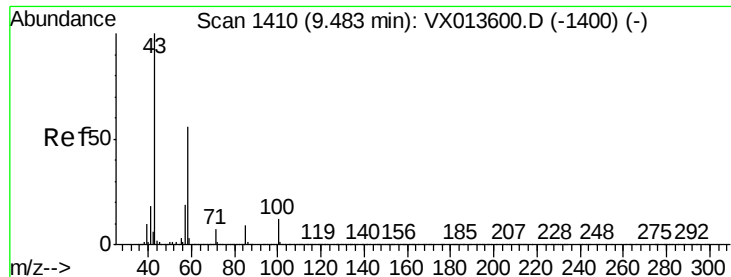
Tgt Ion: 63 Resp: 943064

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0





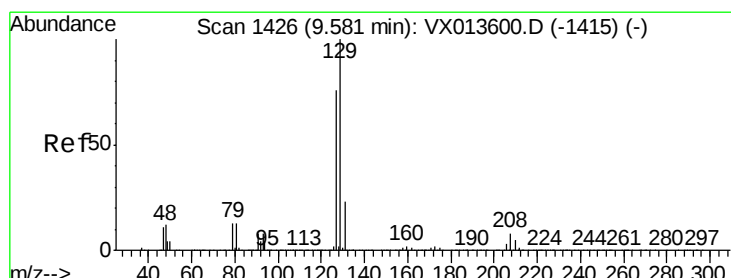
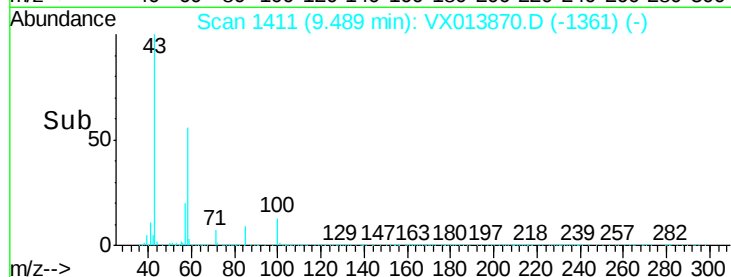
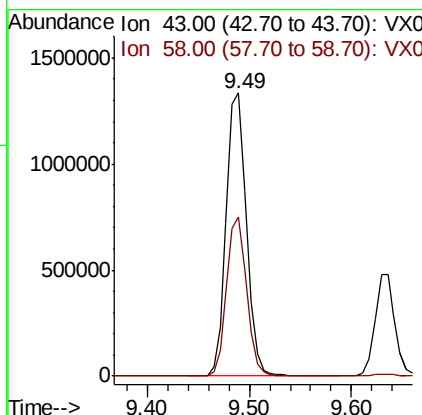
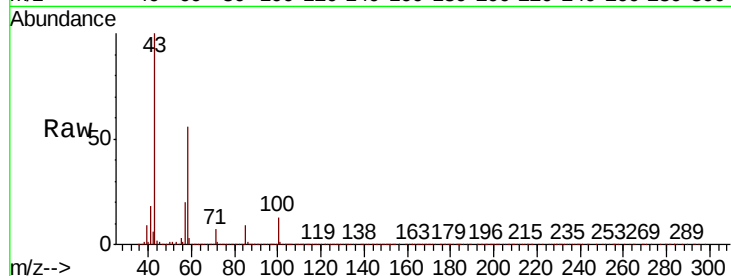
#59
2-Hexanone
Concen: 261.115 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1833723
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

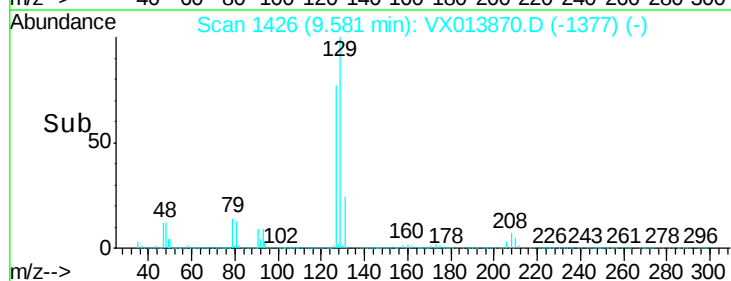
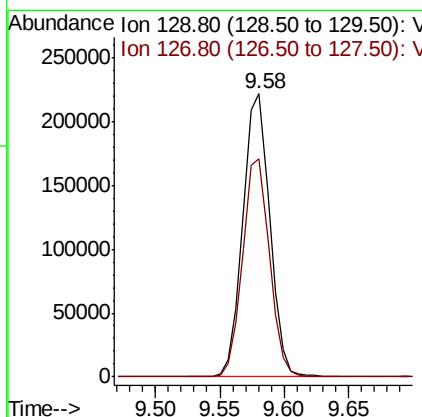
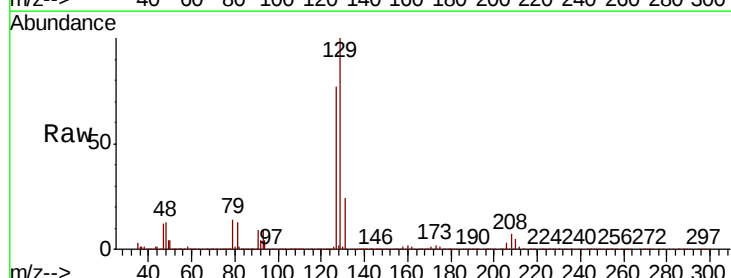
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#60
Dibromochloromethane
Concen: 52.139 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 129 Resp: 319770
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.258 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 317215

Ion Ratio Lower Upper

107 100

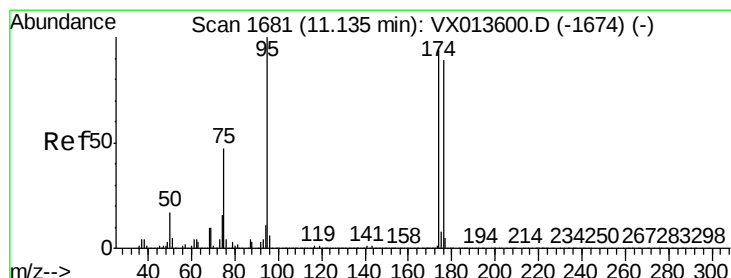
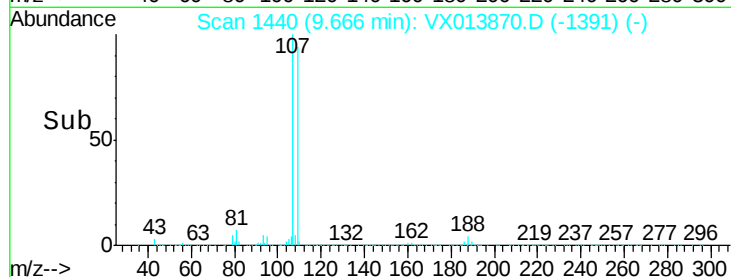
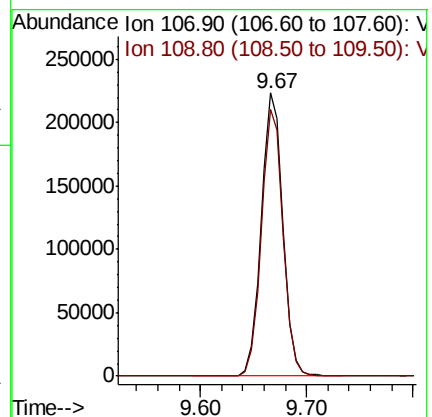
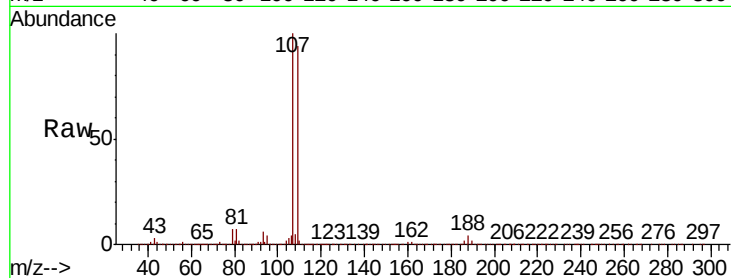
109 94.4 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 47.935 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

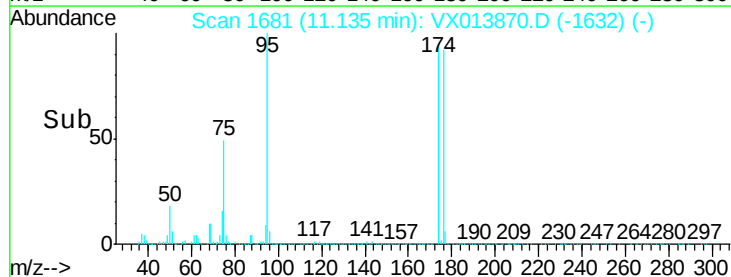
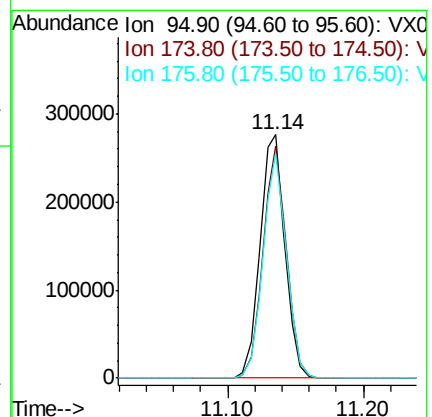
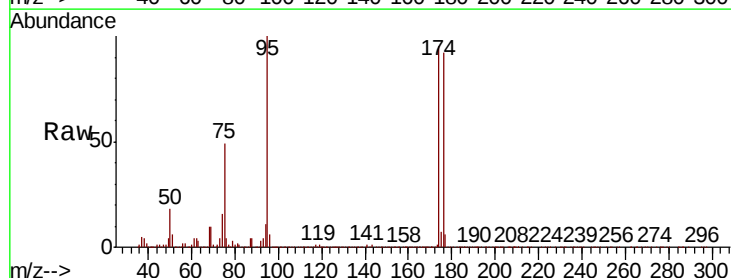
Tgt Ion: 95 Resp: 355481

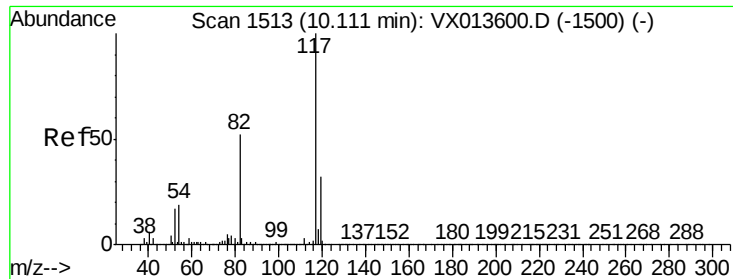
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 87.4 0.0 173.6





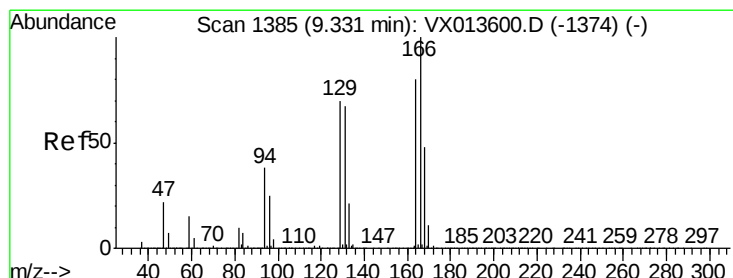
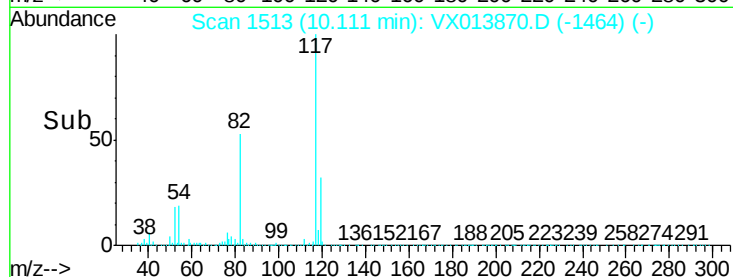
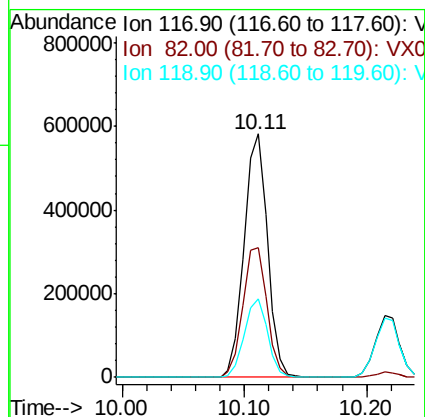
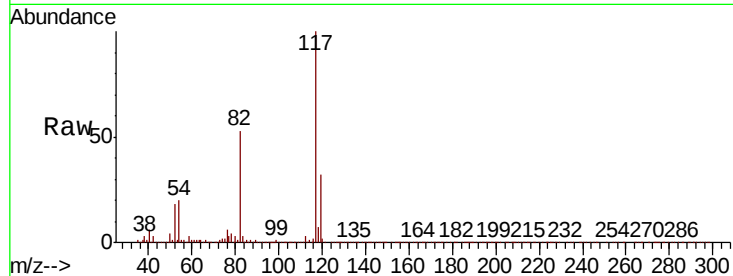
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.8
119	32.2	25.8	38.8

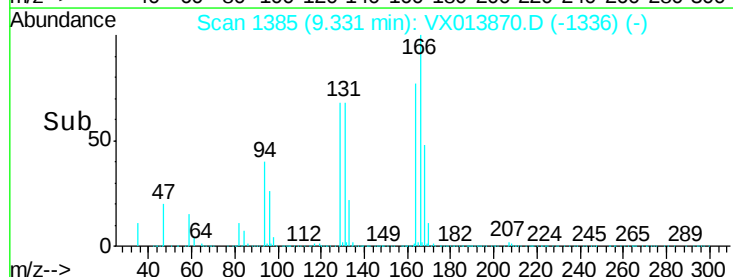
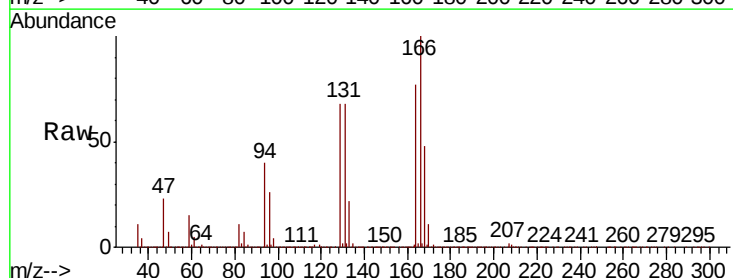
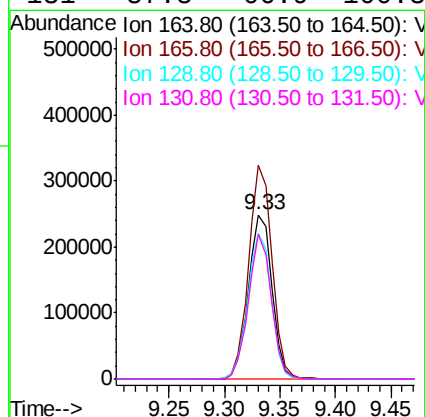
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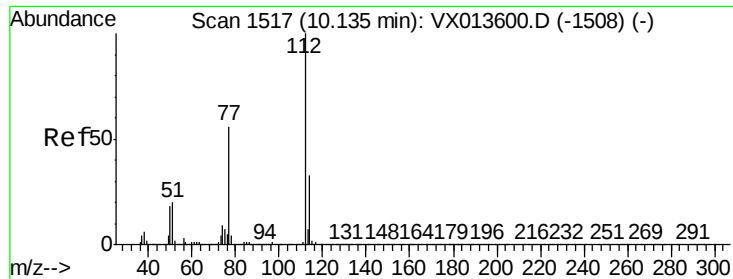
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#64
Tetrachloroethene
Concen: 63.837 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	99.7	149.5
129	88.4	70.1	105.1
131	87.8	66.9	100.3





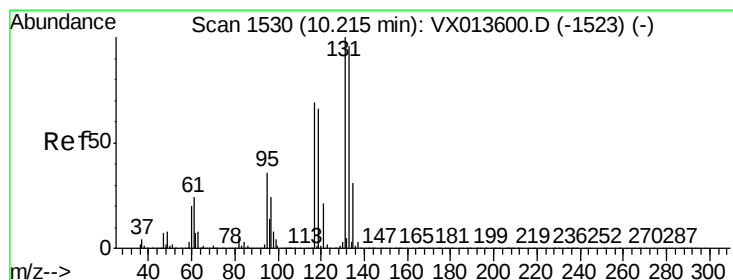
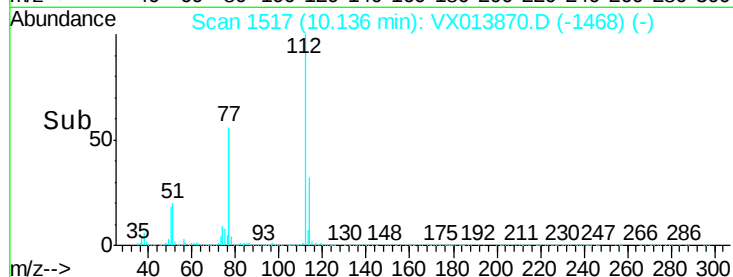
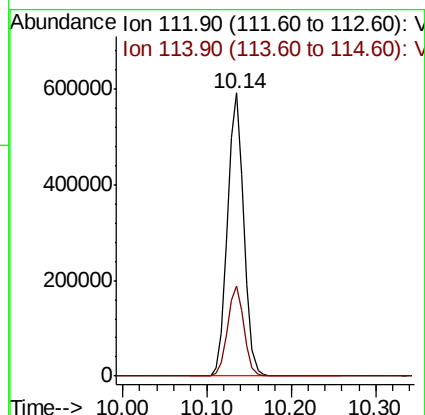
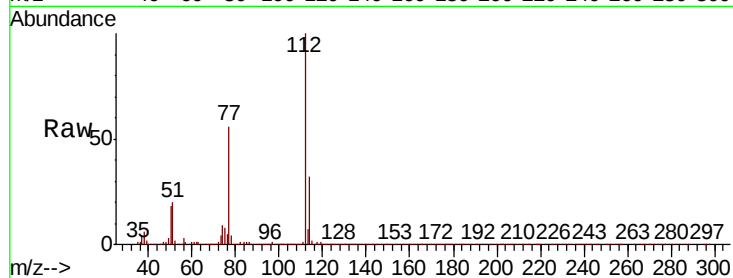
#65
Chlorobenzene
Concen: 49.447 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1

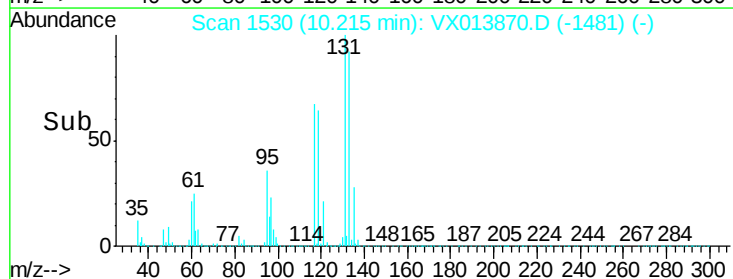
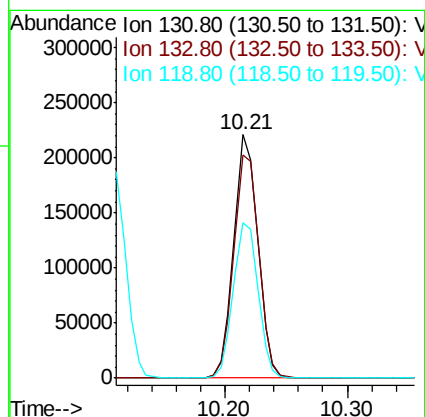
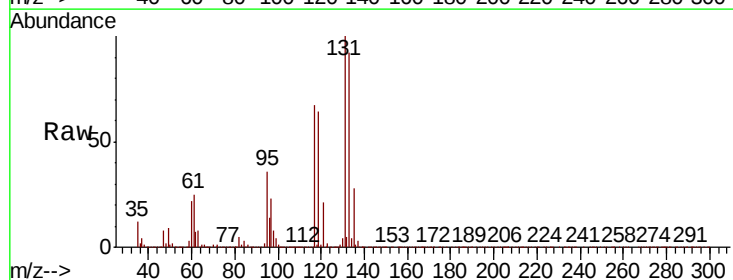
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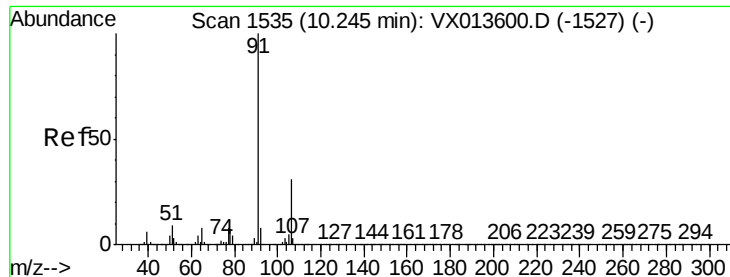
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.040 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.7	143.1
119	66.0	32.9	98.6





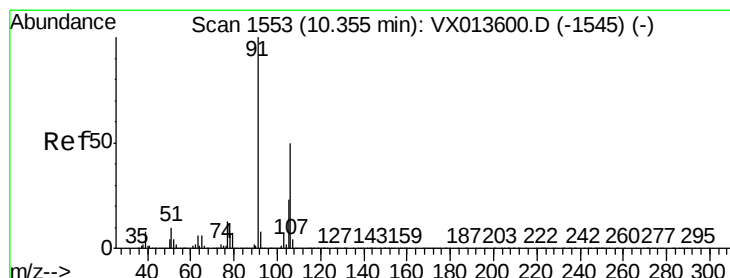
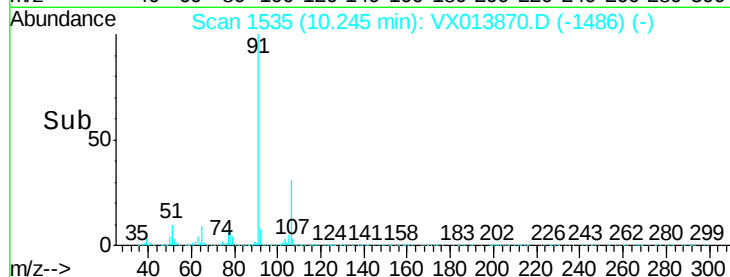
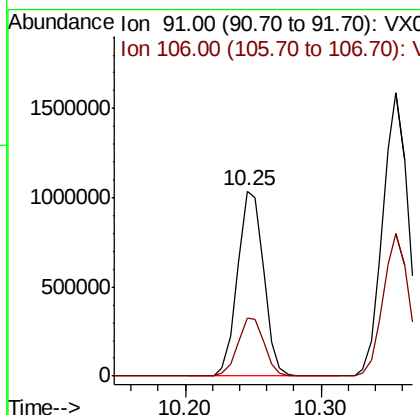
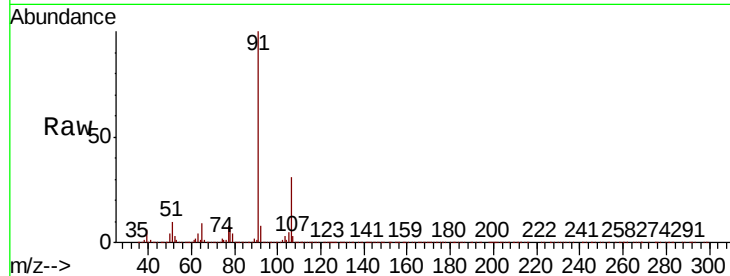
#67
Ethyl Benzene
Concen: 50.426 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1386790
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

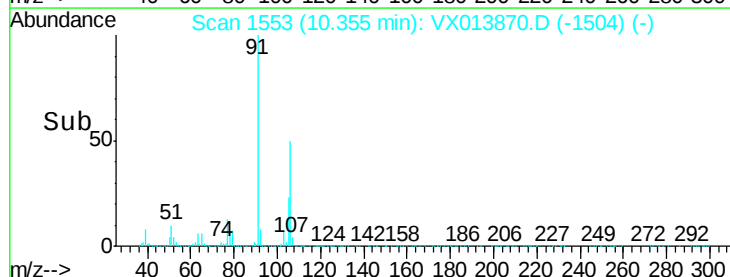
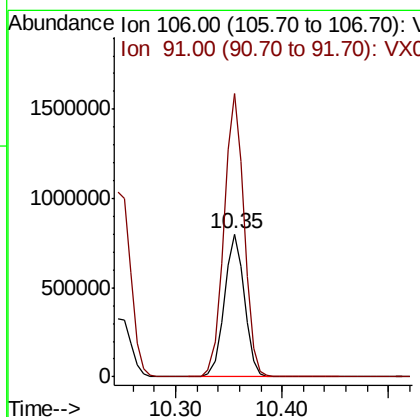
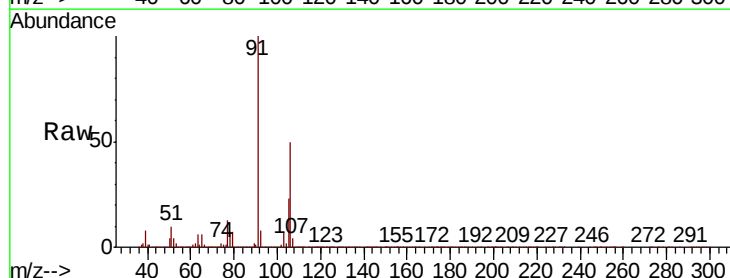
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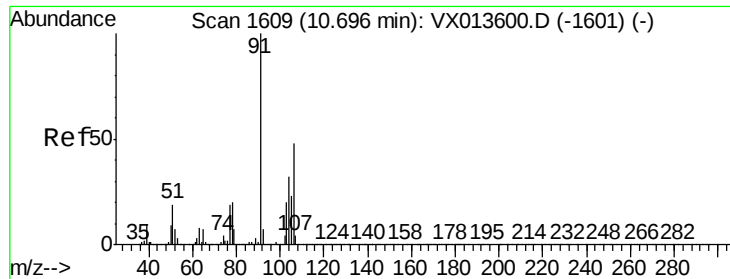
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#68
m/p-Xylenes
Concen: 99.775 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 106 Resp: 1050548
Ion Ratio Lower Upper
106 100
91 198.9 159.0 238.4





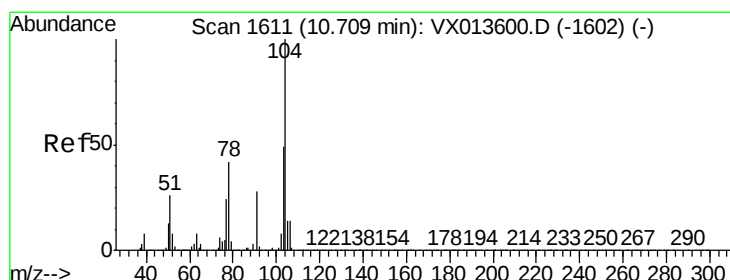
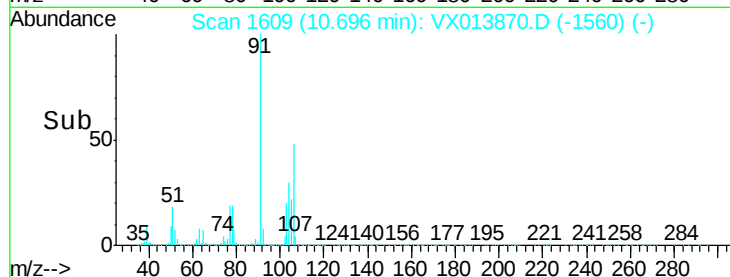
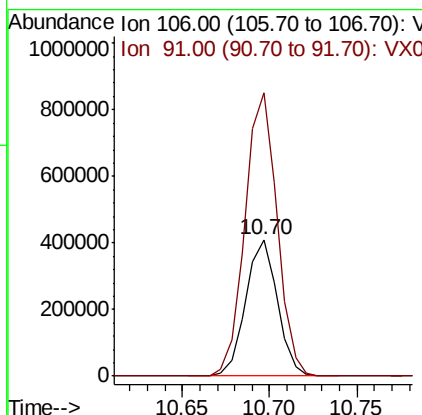
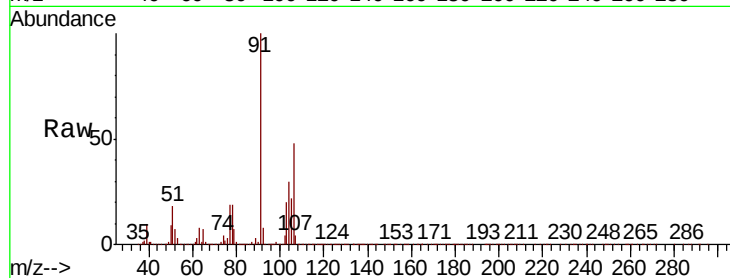
#69
o-Xylene
Concen: 50.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	104.1	312.2

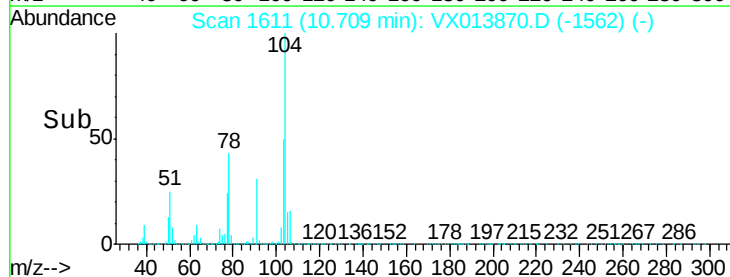
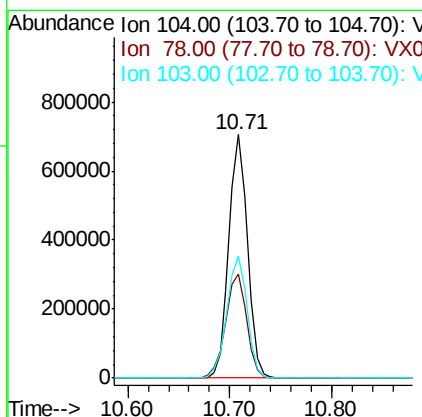
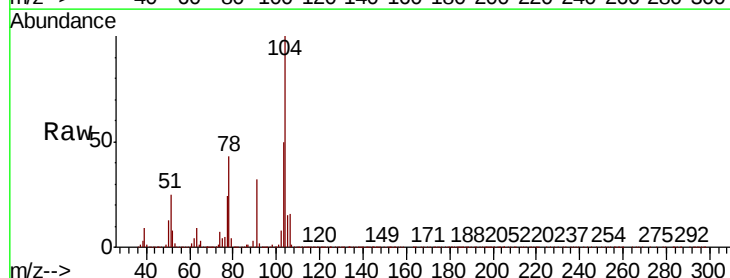
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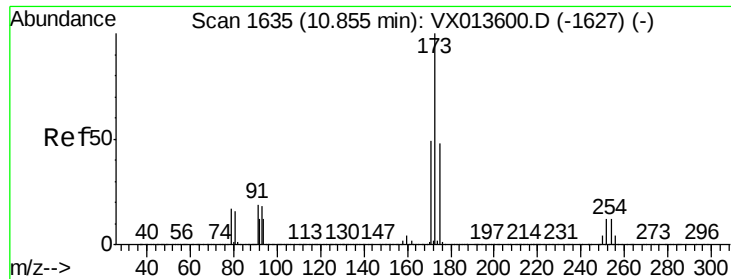
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#70
Styrene
Concen: 51.583 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.5	57.7
103	54.8	43.7	65.5





#71

Bromoform

Concen: 52.516 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

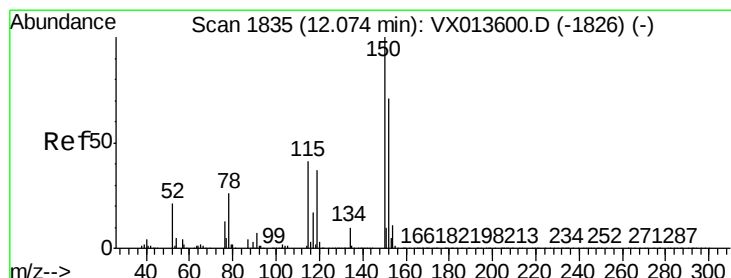
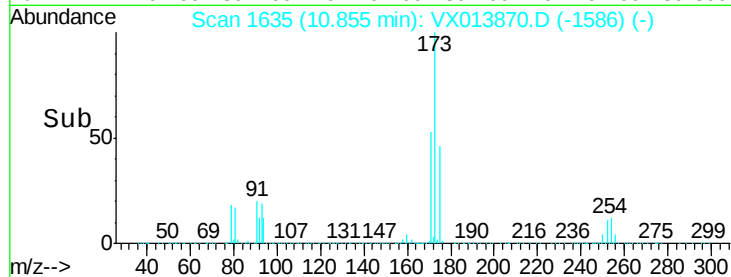
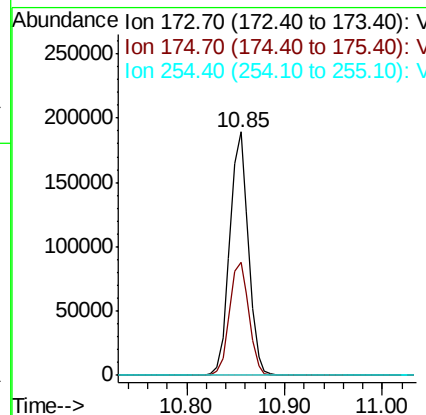
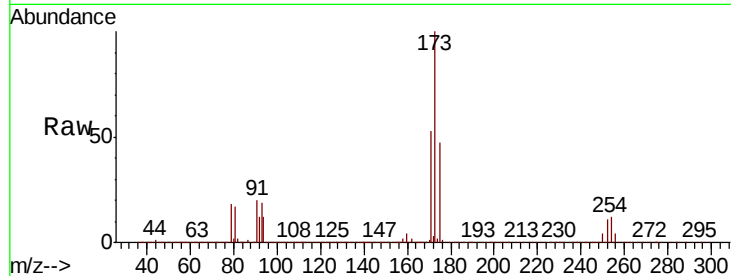
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	249721
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	72.8
254	0.3	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

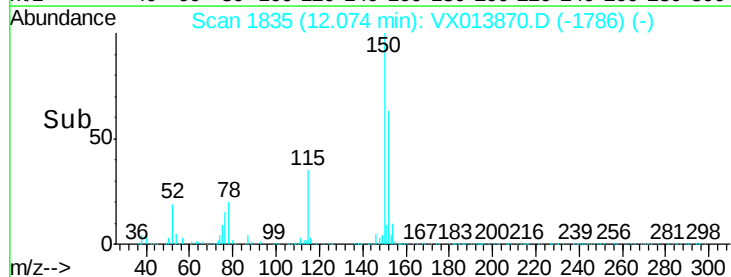
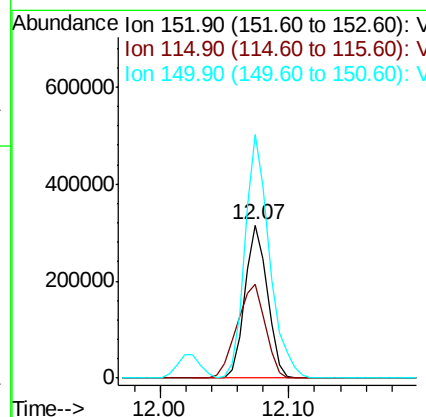
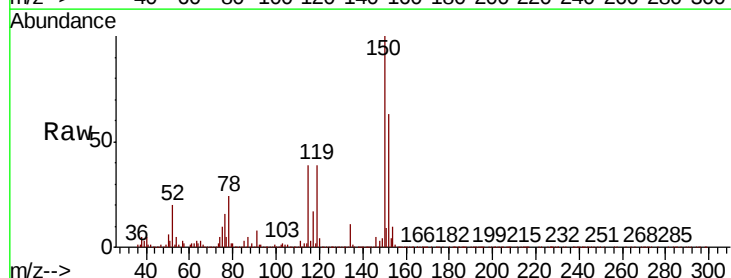
RT: 12.07 min Scan# 1835

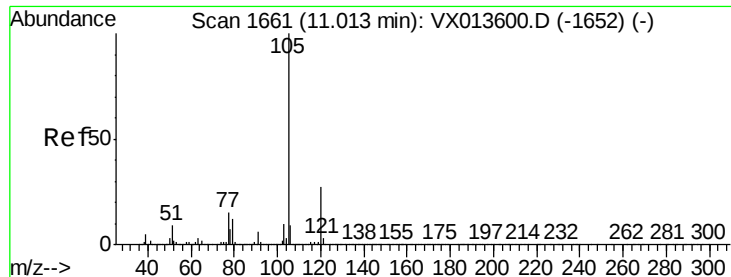
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	152	Resp:	379494
Ion Ratio	Lower	Upper	
152	100		
115	77.7	38.4	115.1
150	173.2	0.0	346.8





#73

Isopropylbenzene

Concen: 50.950 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1356294

Ion Ratio Lower Upper

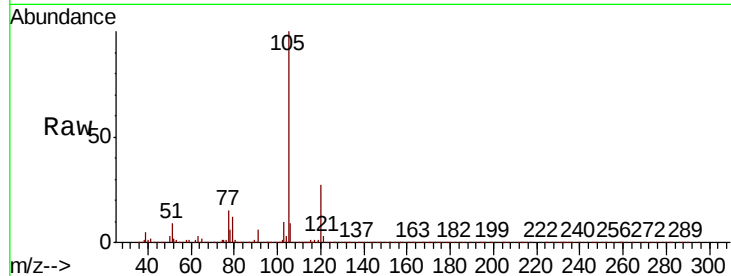
105 100

120 27.2 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

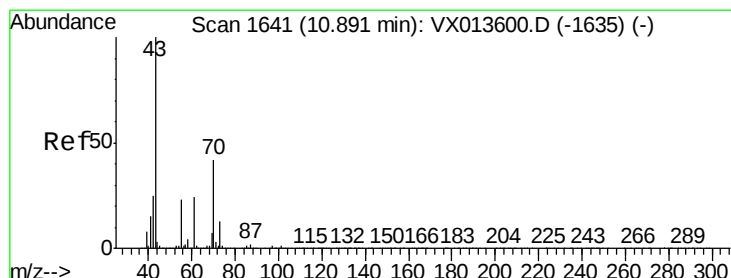
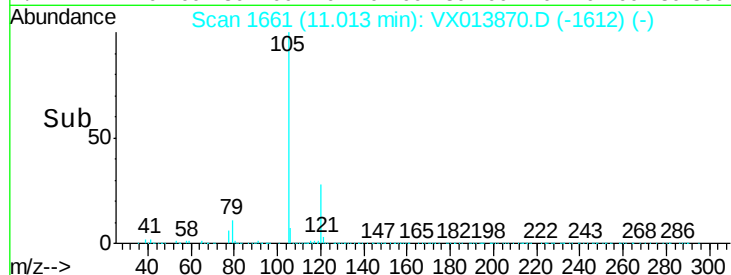
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.567 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion: 43 Resp: 641018

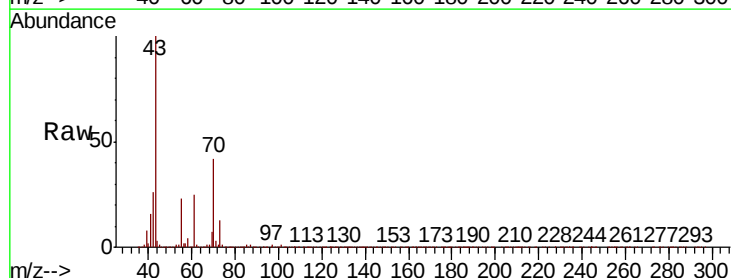
Ion Ratio Lower Upper

43 100

70 43.0 34.3 51.5

55 23.9 18.5 27.7

61 24.5 19.8 29.8



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

800000

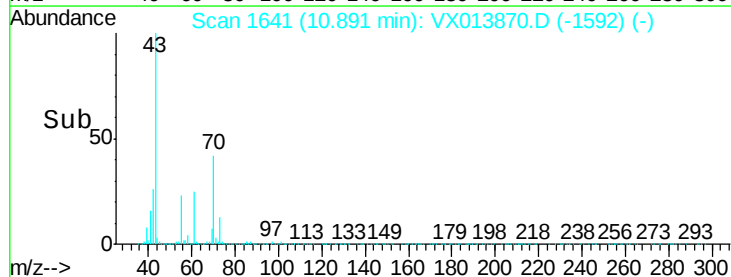
600000

400000

200000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.819 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 478377

Ion Ratio Lower Upper

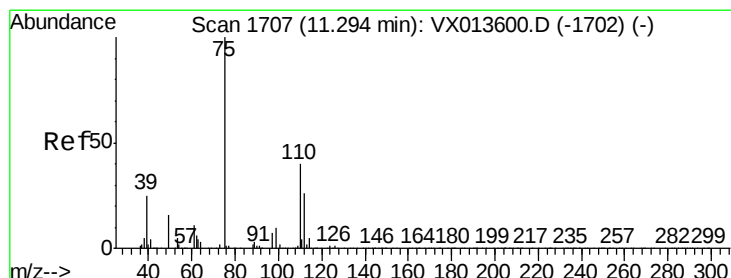
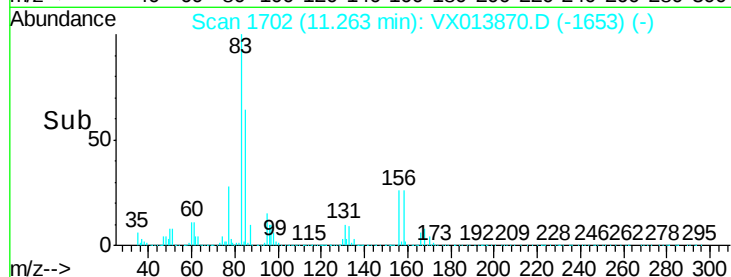
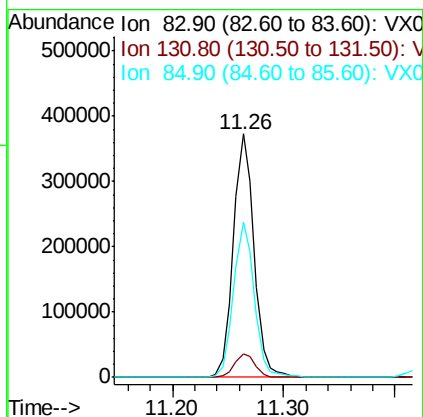
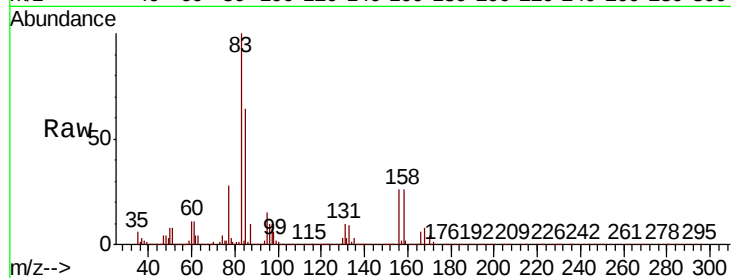
83 100

131 10.0 5.1 15.3

85 64.3 31.8 95.3

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#76

1,2,3-Trichloropropane

Concen: 51.980 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013870.D

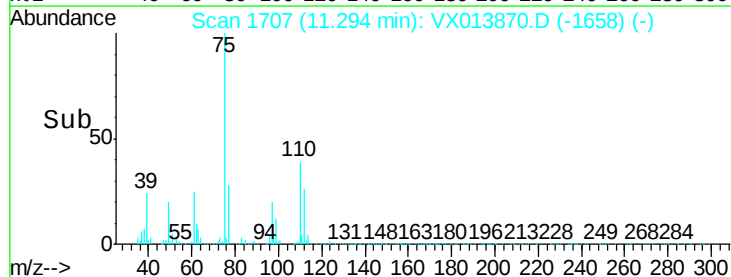
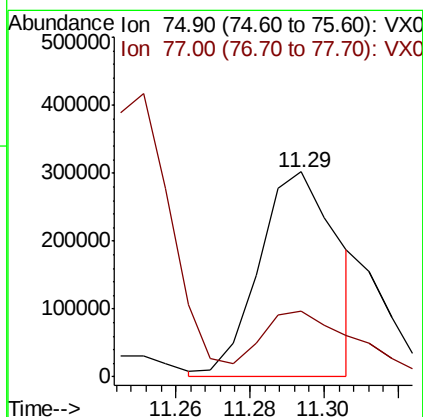
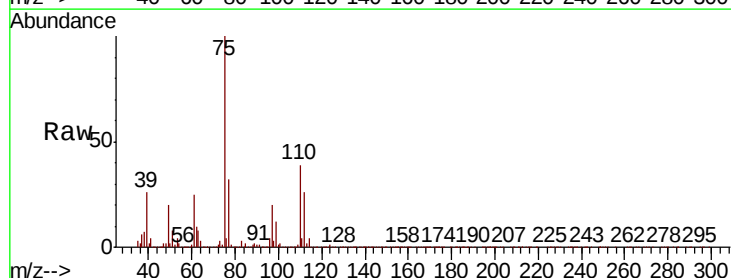
Acq: 09 Dec 2019 23:10

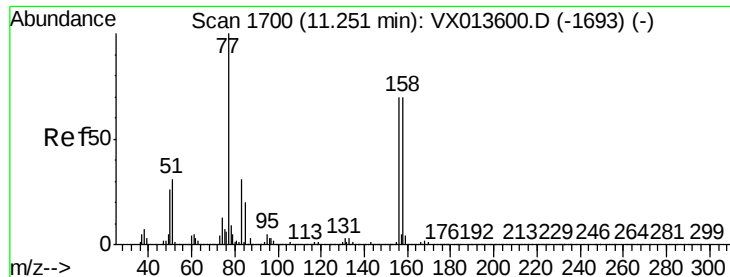
Tgt Ion: 75 Resp: 443675

Ion Ratio Lower Upper

75 100

77 38.3 19.1 57.5





#77

Bromobenzene

Concen: 49.701 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

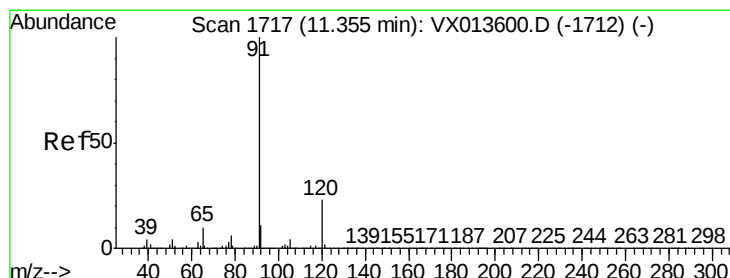
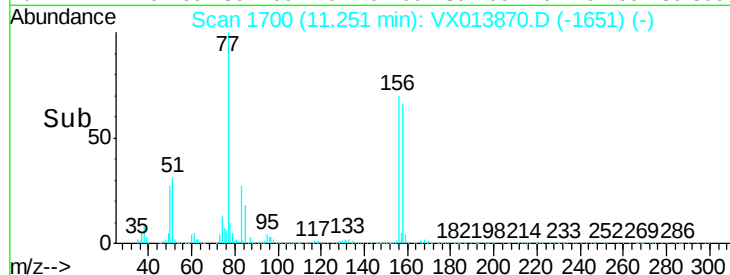
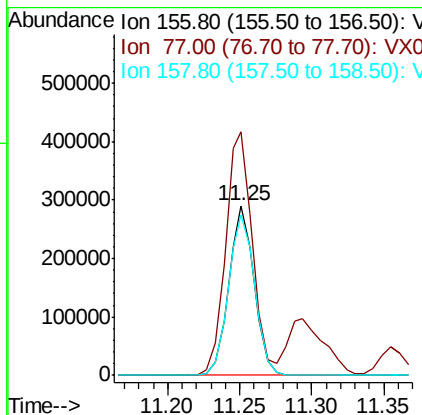
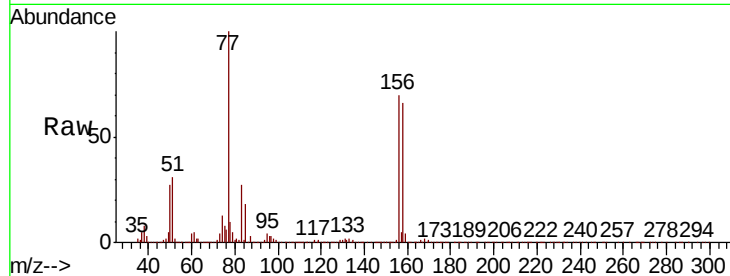
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	357421
Ion Ratio	Lower	Upper	
156	100		
77	152.4	74.4	223.1
158	98.1	48.9	146.6

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#78

n-propylbenzene

Concen: 51.260 ug/l

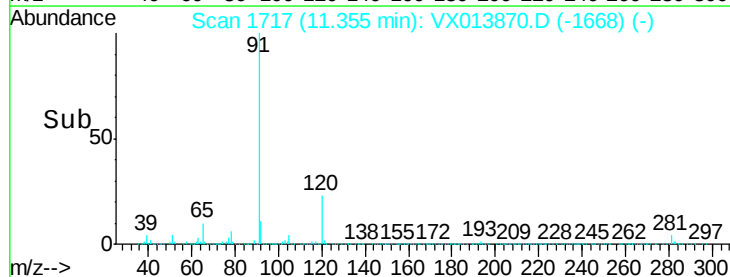
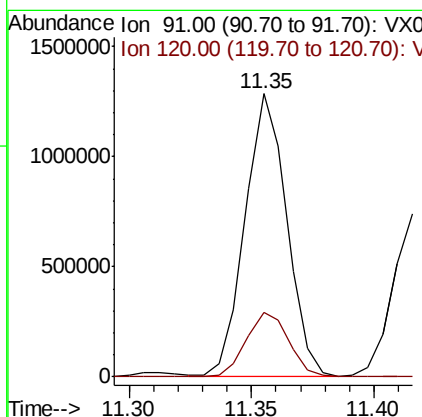
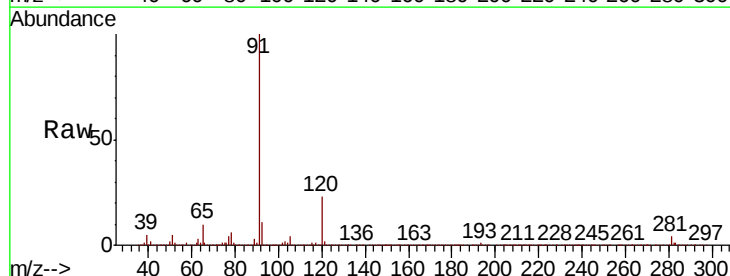
RT: 11.35 min Scan# 1717

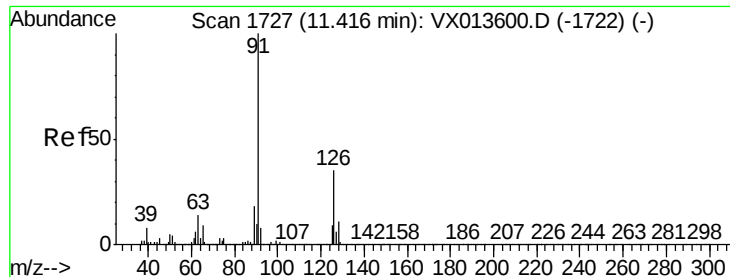
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	91	Resp:	1523246
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





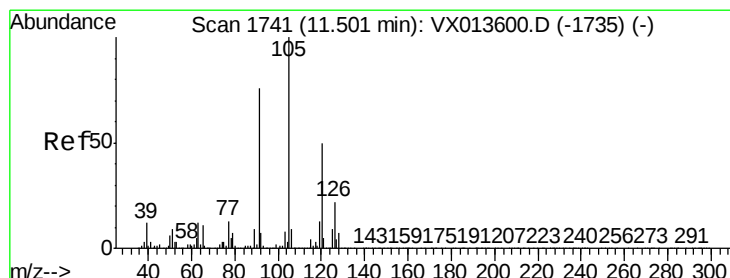
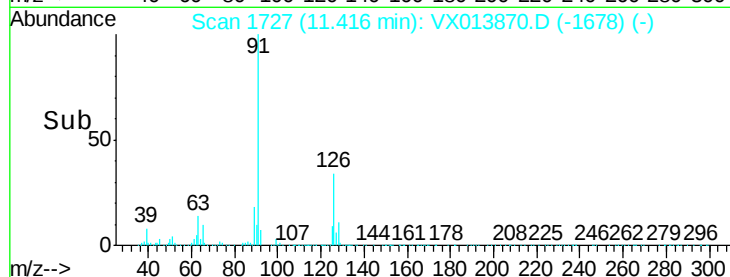
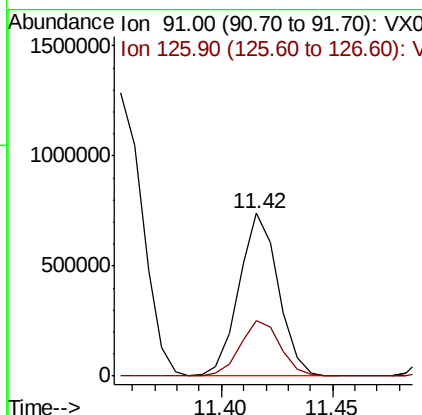
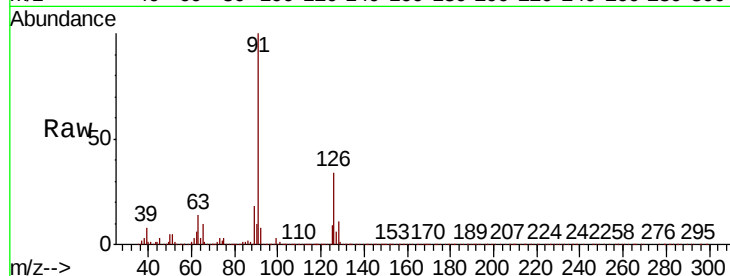
#79
2-Chlorotoluene
Concen: 50.939 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 908038
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5

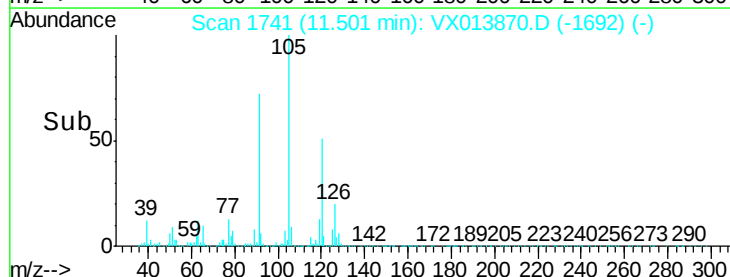
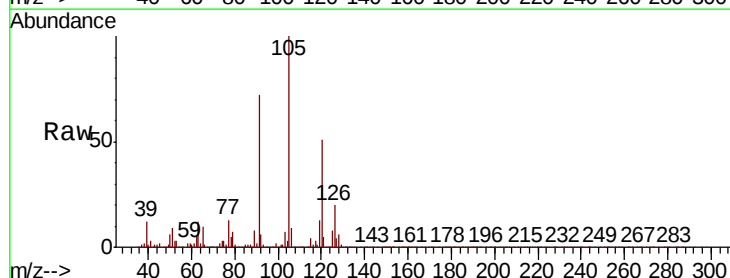
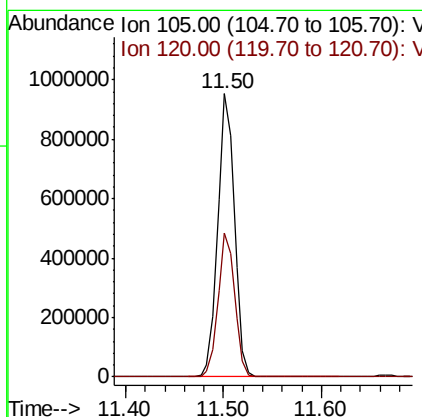
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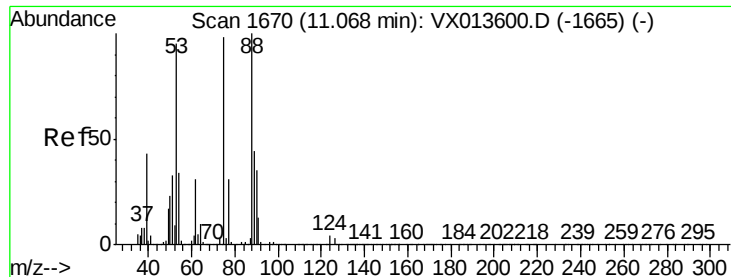
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#80
1,3,5-Trimethylbenzene
Concen: 51.659 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion: 105 Resp: 1127066
Ion Ratio Lower Upper
105 100
120 50.6 25.3 75.9





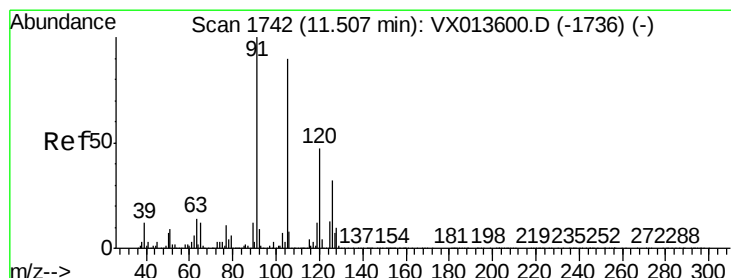
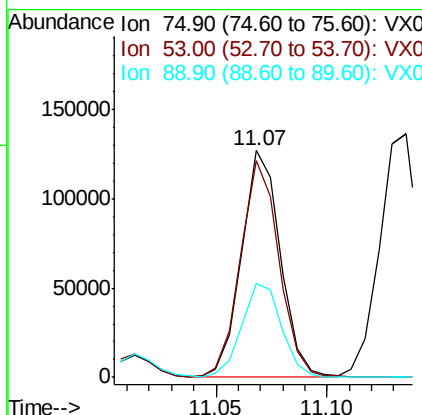
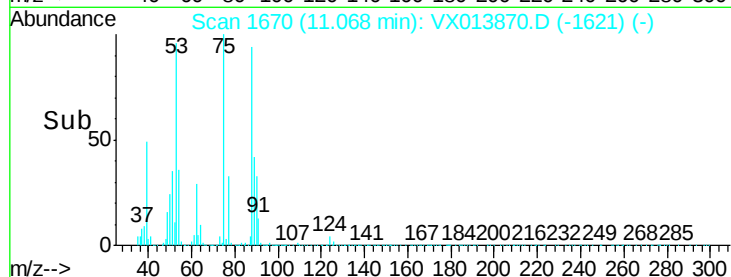
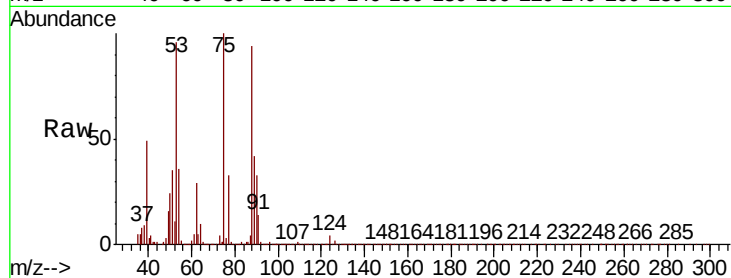
#81
trans-1,4-Dichloro-2-butene
Concen: 49.387 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	78.2	117.2
89	43.3	35.4	53.2

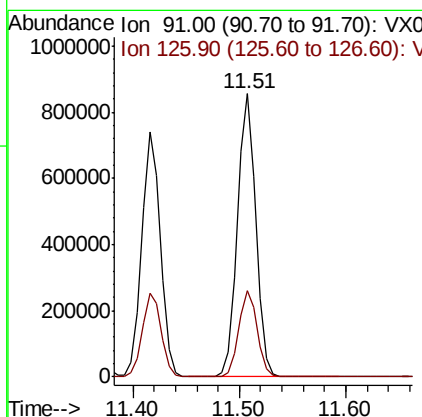
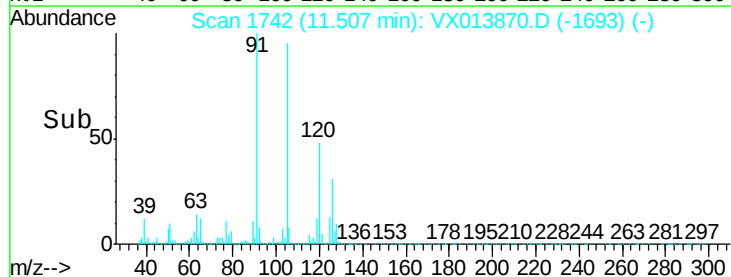
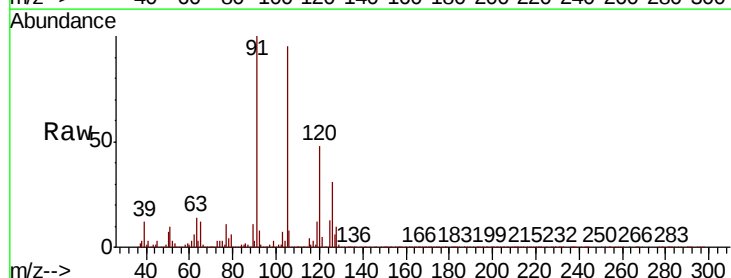
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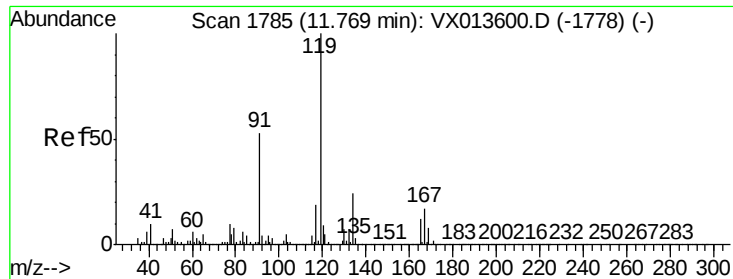
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#82
4-Chlorotoluene
Concen: 50.334 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.0





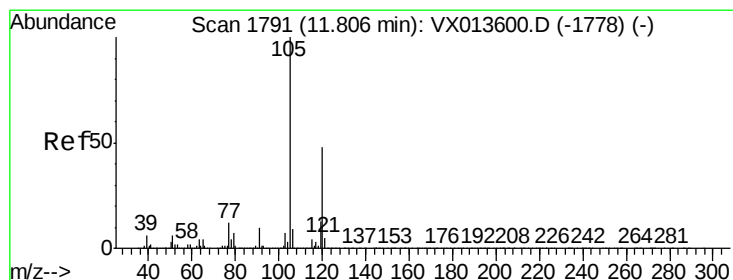
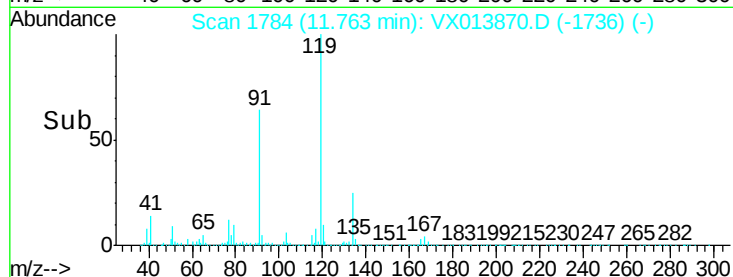
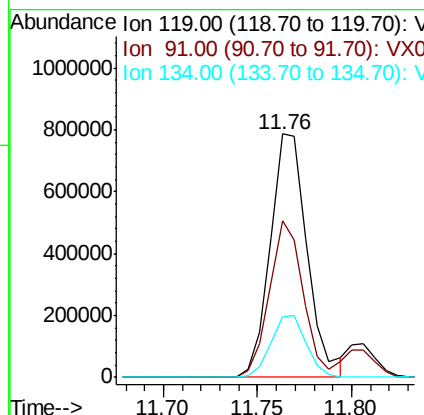
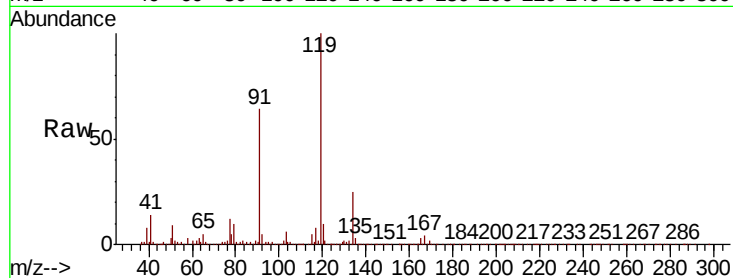
#83
tert-Butylbenzene
Concen: 48.224 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion:119 Resp: 1069268
Ion Ratio Lower Upper
119 100
91 58.5 27.2 81.6
134 24.3 11.7 35.1

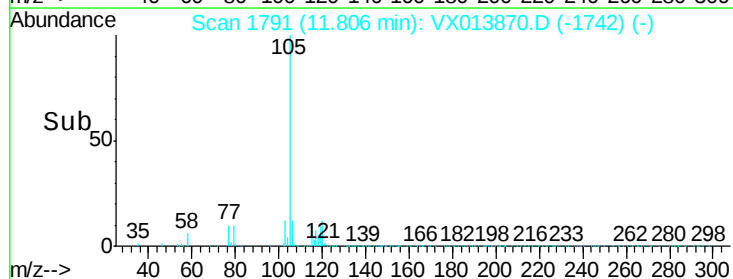
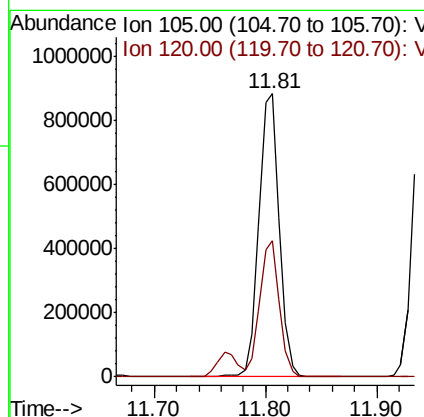
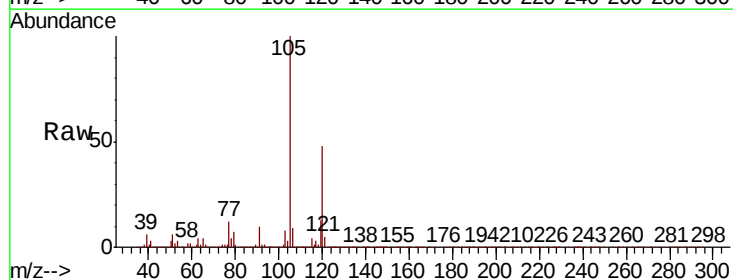
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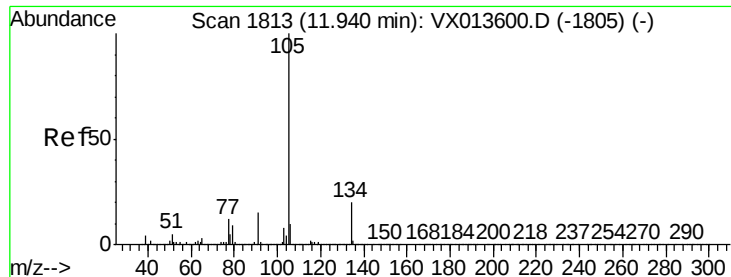
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#84
1,2,4-Trimethylbenzene
Concen: 51.076 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion:105 Resp: 1130968
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 51.811 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1312187

Ion Ratio Lower Upper

105 100

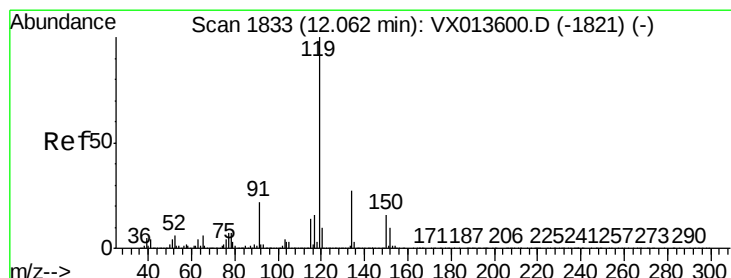
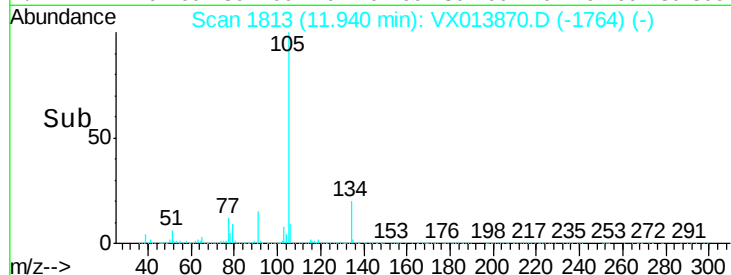
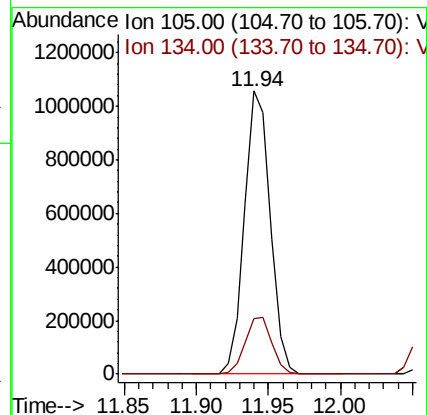
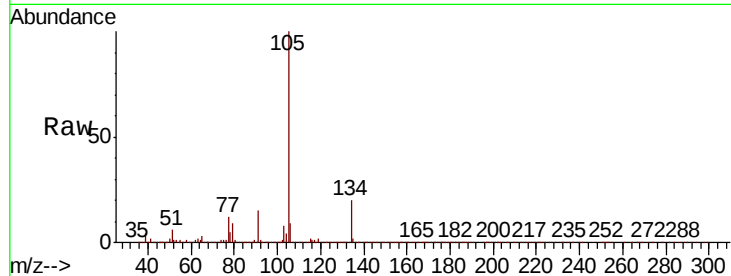
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 51.082 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

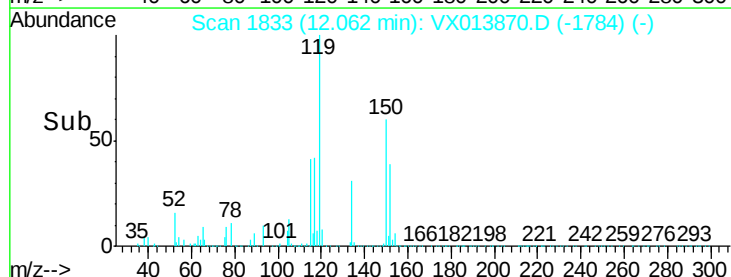
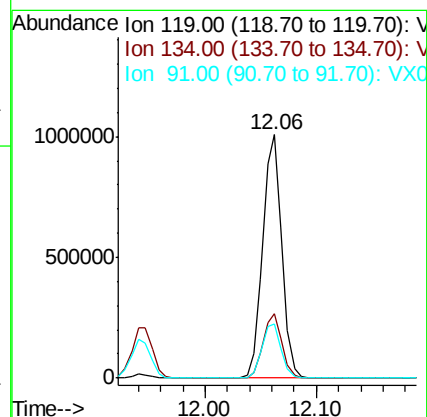
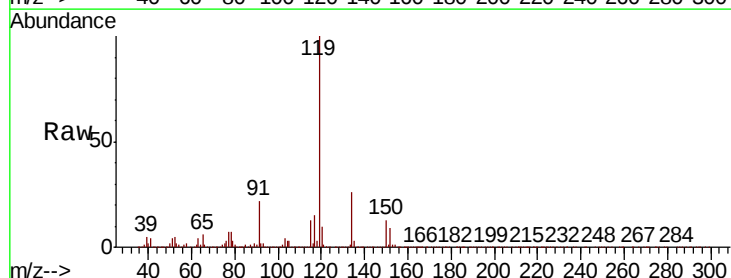
Tgt Ion:119 Resp: 1203559

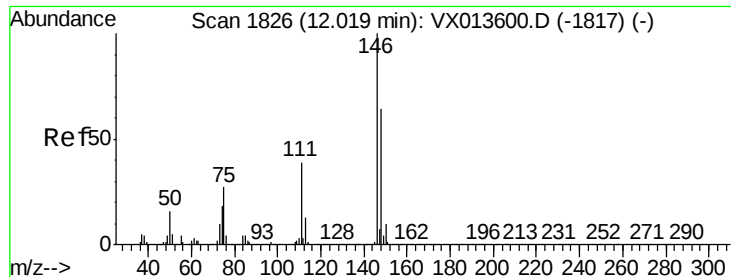
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.600 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

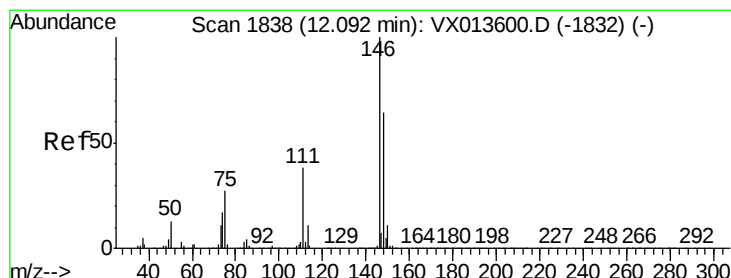
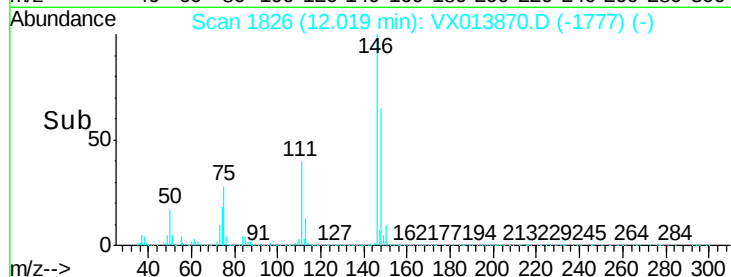
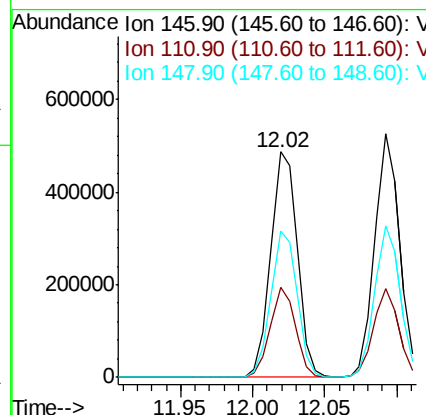
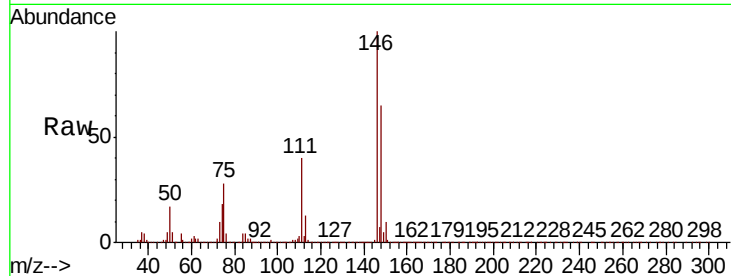
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 48.690 ug/l

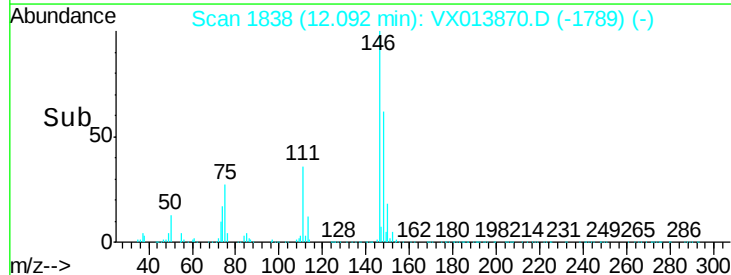
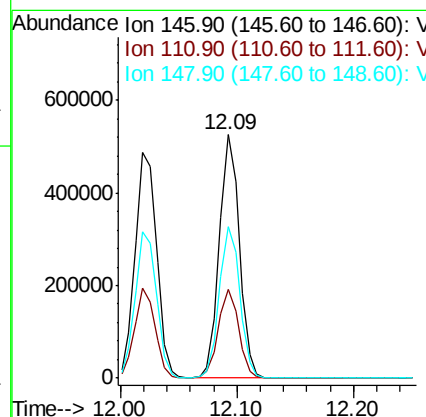
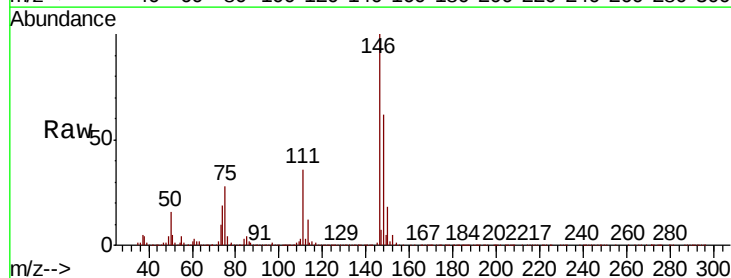
RT: 12.09 min Scan# 1838

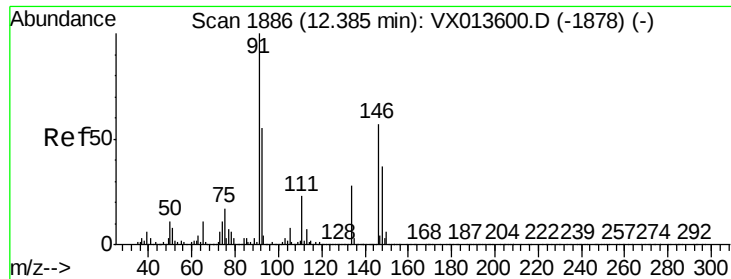
Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	63.7	31.9	95.5





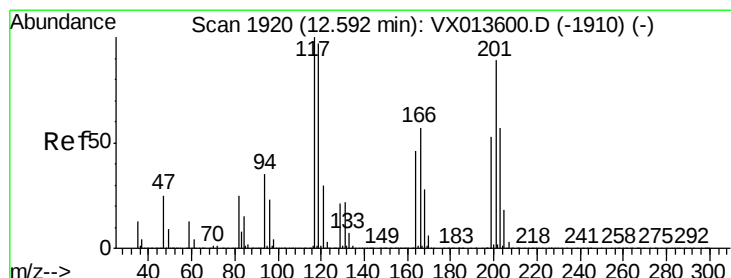
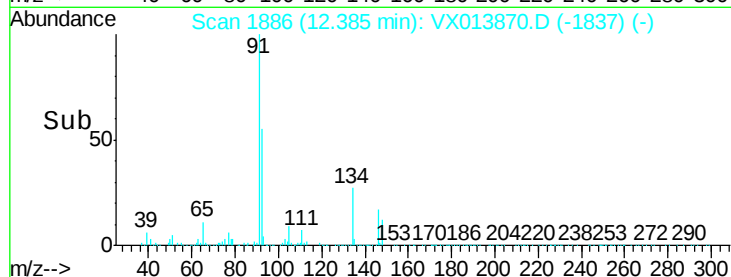
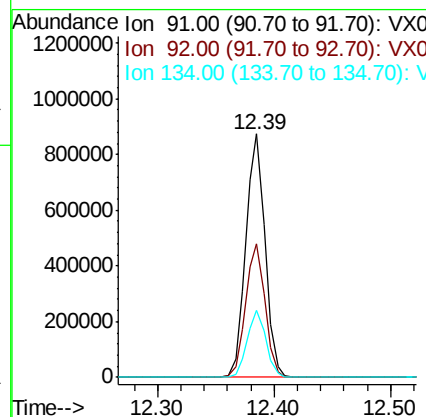
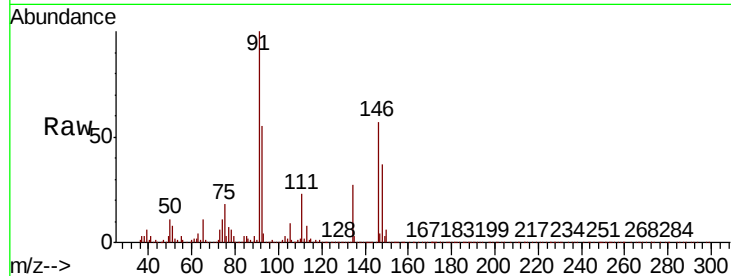
#89
n-Butylbenzene
Concen: 50.172 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.4	82.2
134	26.8	13.5	40.4

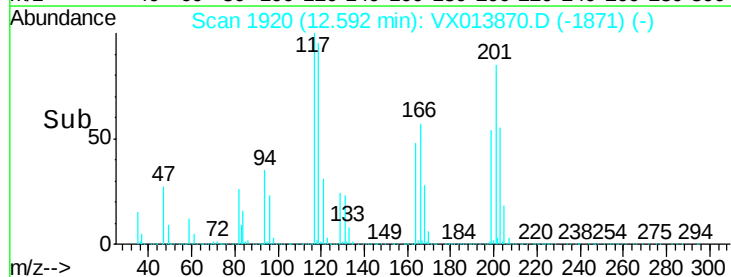
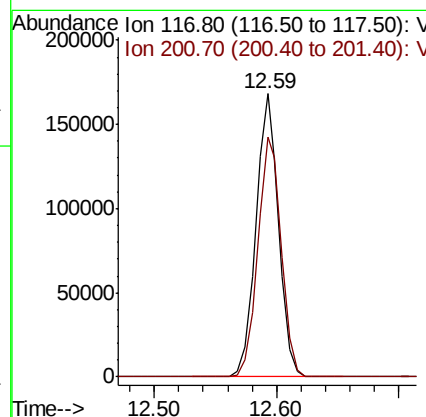
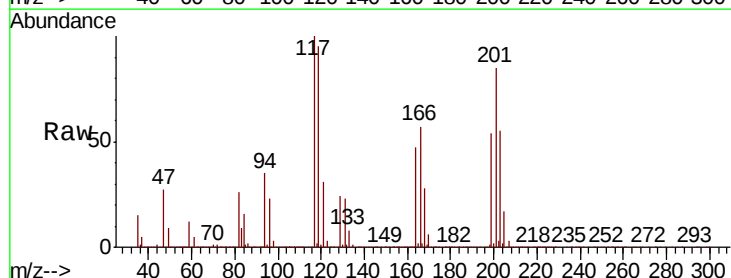
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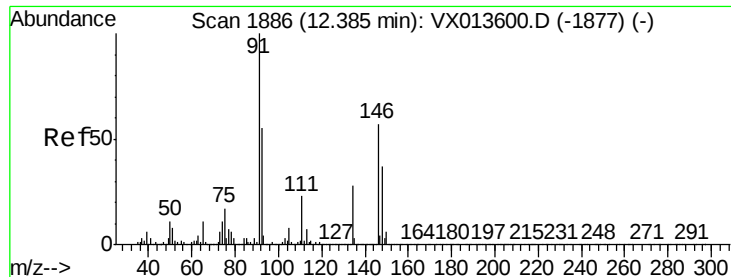
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#90
Hexachloroethane
Concen: 50.699 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013870.D
Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	44.1	132.4





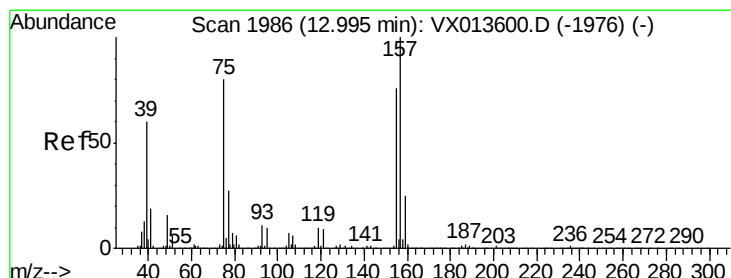
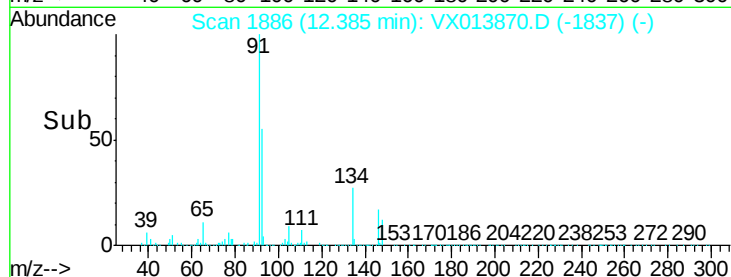
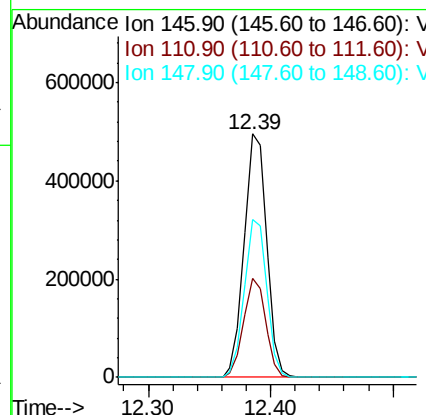
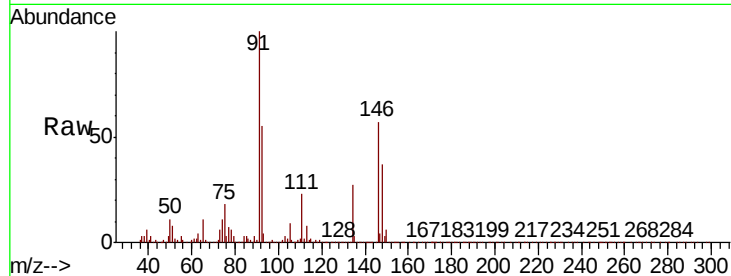
#91
 1,2-Dichlorobenzene
 Concen: 50.750 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	64.7	31.9	95.7

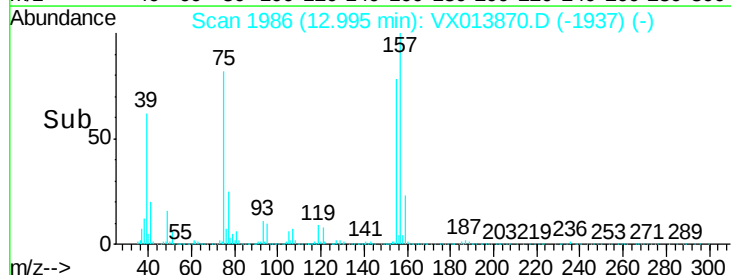
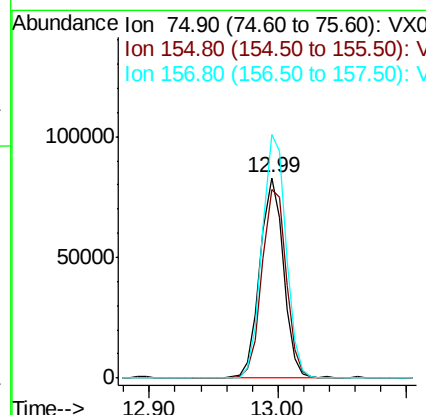
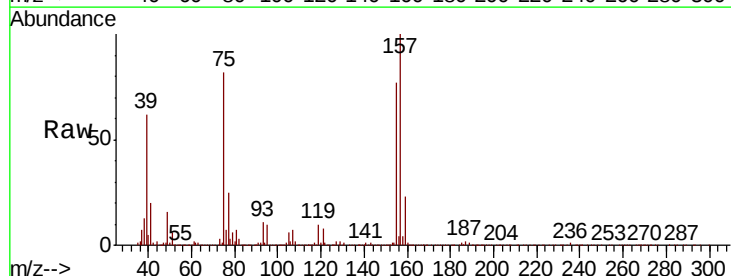
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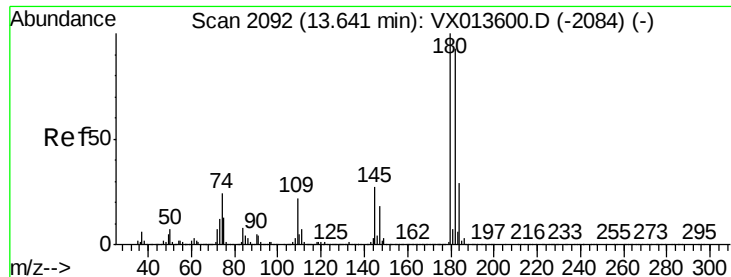
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.734 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013870.D
 Acq: 09 Dec 2019 23:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	47.6	142.8
157	123.2	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 48.141 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

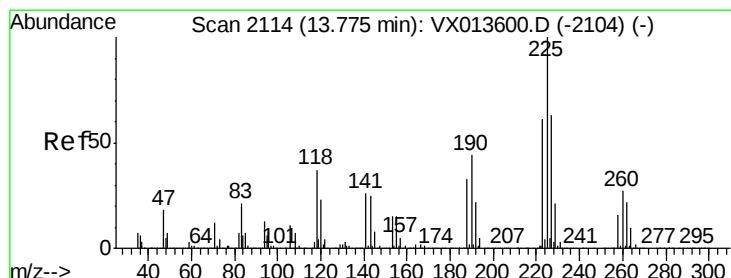
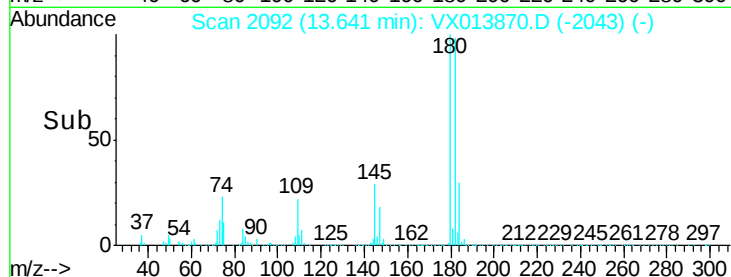
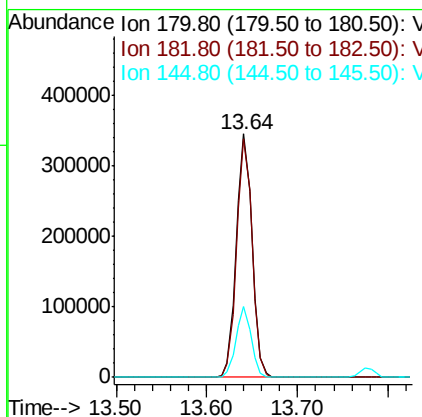
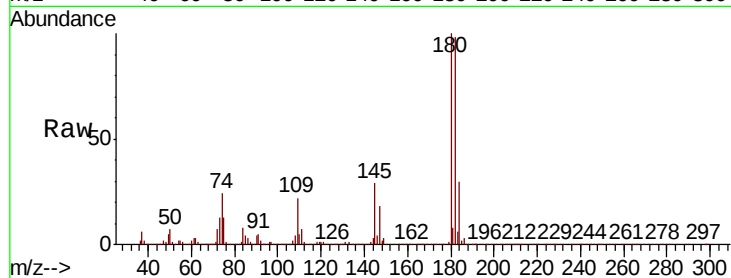
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	415559
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.2	141.6
145	28.1	13.8	41.4

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#94

Hexachlorobutadiene

Concen: 47.468 ug/l

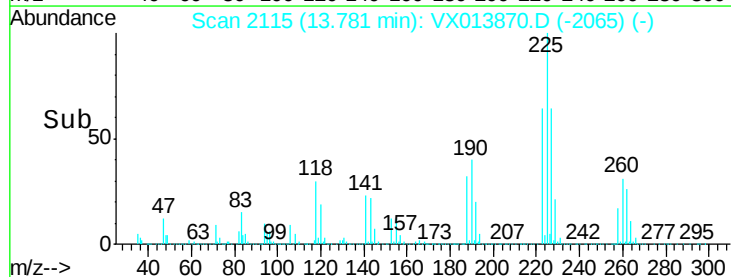
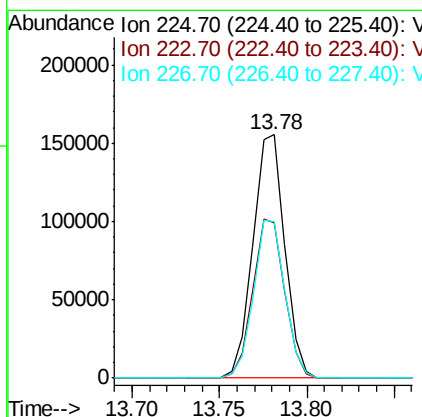
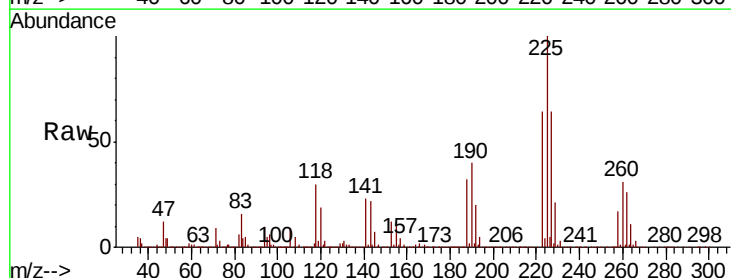
RT: 13.78 min Scan# 2115

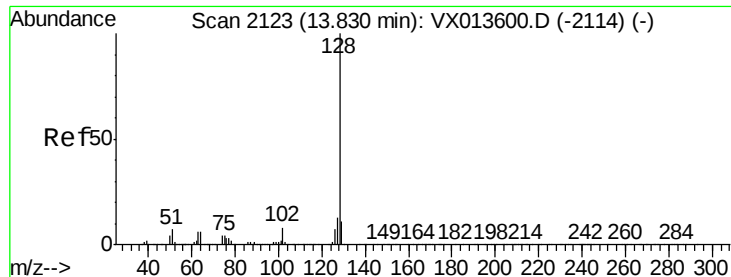
Delta R.T. 0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	225	Resp:	196834
Ion Ratio	Lower	Upper	
225	100		
223	65.2	31.9	95.5
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 51.665 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Instrument :

MSVOA_X

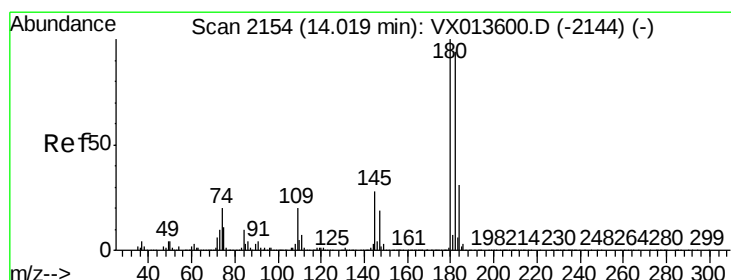
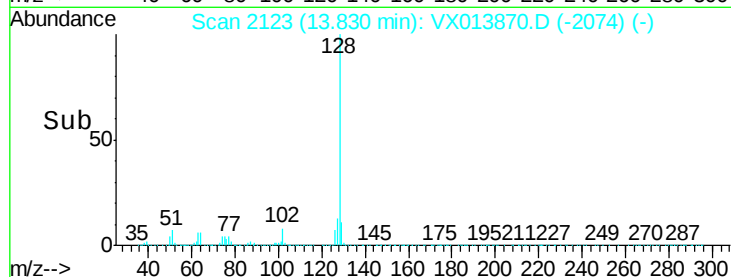
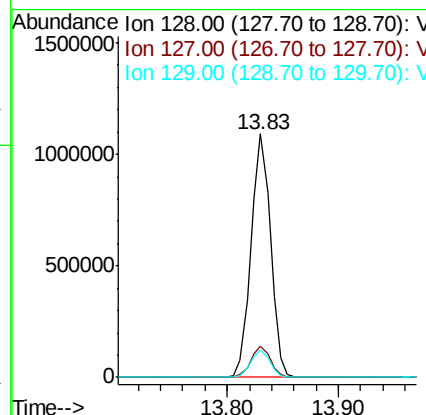
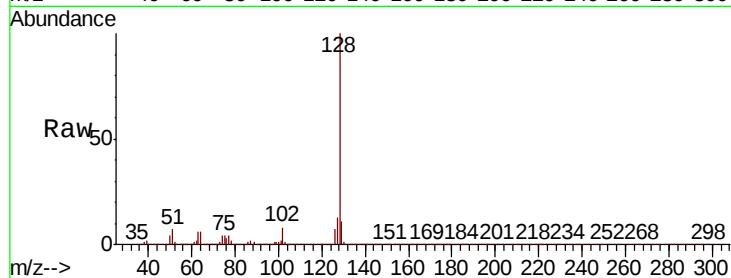
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1328157
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 8:54:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.311 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013870.D

Acq: 09 Dec 2019 23:10

Tgt Ion:	180	Resp:	430000
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	30.3	15.0	45.0

