

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122319\
 Data File : VX014218.D
 Acq On : 23 Dec 2019 21:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/24/2019 8:53:30 AM

Quant Time: Dec 24 03:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	519985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	292394	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.49	113	242055	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	948595	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	337815	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209347	45.002	ug/l	100
3) Chloromethane	1.32	50	276369	44.269	ug/l	98
4) Vinyl Chloride	1.40	62	303467	46.067	ug/l	98
5) Bromomethane	1.63	94	187955	40.200	ug/l	100
6) Chloroethane	1.72	64	199250	49.008	ug/l	93
7) Trichlorofluoromethane	1.92	101	399715	49.017	ug/l	98
8) Diethyl Ether	2.18	74	184942	48.324	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	240223	48.869	ug/l	100
10) Methyl Iodide	2.50	142	267710	41.753	ug/l	99
11) Tert butyl alcohol	3.03	59	305998	240.298	ug/l	99
12) 1,1-Dichloroethene	2.37	96	240959	48.173	ug/l	97
13) Acrolein	2.28	56	175058	240.154	ug/l	100
14) Allyl chloride	2.72	41	440833	49.361	ug/l	100
15) Acrylonitrile	3.13	53	760171	255.758	ug/l	99
16) Acetone	2.43	43	829929	216.917	ug/l	100
17) Carbon Disulfide	2.56	76	613766	44.287	ug/l	100
18) Methyl Acetate	2.76	43	409473	54.010	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	838754	51.030	ug/l	98
20) Methylene Chloride	2.85	84	279237	46.347	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	258415	46.894	ug/l	99
22) Diisopropyl ether	3.84	45	906714	50.948	ug/l	94
23) Vinyl Acetate	3.80	43	2846816	196.018	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485857	49.069	ug/l	99
25) 2-Butanone	4.66	43	1142774	242.265	ug/l	100
26) 2,2-Dichloropropane	4.58	77	345010	44.879	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	308983	49.579	ug/l	98
28) Bromochloromethane	5.01	49	205999	54.060	ug/l	98
29) Tetrahydrofuran	5.11	42	686842	260.329	ug/l	100
30) Chloroform	5.20	83	473136	50.407	ug/l	99
31) Cyclohexane	5.57	56	429500	48.772	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	397382	49.674	ug/l	99
36) 1,1-Dichloropropene	5.79	75	355407	48.377	ug/l	100
37) Ethyl Acetate	4.82	43	414665	51.113	ug/l	99
38) Carbon Tetrachloride	5.78	117	336330	50.253	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	429792	47.379	ug/l	99
40) Benzene	6.14	78	1108090	49.020	ug/l	100
41) Methacrylonitrile	5.03	41	233331	51.836	ug/l	98
42) 1,2-Dichloroethane	6.18	62	382729	49.949	ug/l	99
43) Isopropyl Acetate	6.43	43	683791	50.930	ug/l	100
44) Trichloroethene	7.21	130	311818	49.942	ug/l	99
45) 1,2-Dichloropropane	7.51	63	290771	50.187	ug/l	98
46) Dibromomethane	7.65	93	186605	48.715	ug/l	99
47) Bromodichloromethane	7.89	83	367700	50.968	ug/l	98
48) Methyl methacrylate	7.76	41	333640	50.748	ug/l	100
49) 1,4-Dioxane	7.73	88	126879	948.335	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2138142	253.578	ug/l	100
52) Toluene	8.78	92	695650	48.689	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	405109	51.211	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	454259	51.545	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288047	50.302	ug/l	99
56) Ethyl methacrylate	9.17	69	461074	51.258	ug/l	99
57) 1,3-Dichloropropane	9.37	76	482003	50.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	900457	264.521	ug/l	100
59) 2-Hexanone	9.48	43	1652641	243.476	ug/l	100
60) Dibromochloromethane	9.57	129	297567	52.278	ug/l	99
61) 1,2-Dibromoethane	9.67	107	299429	51.106	ug/l	99
64) Tetrachloroethene	9.33	164	424279	66.400	ug/l	99
65) Chlorobenzene	10.14	112	750130	48.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	279466	50.978	ug/l	98
67) Ethyl Benzene	10.25	91	1315242	49.826	ug/l	100
68) m/p-Xylenes	10.35	106	1008203	99.306	ug/l	99
69) o-Xylene	10.70	106	490601	49.272	ug/l	98
70) Styrene	10.71	104	842964	50.066	ug/l	99
71) Bromoform	10.85	173	232807	52.830	ug/l #	99
73) Isopropylbenzene	11.01	105	1289435	50.463	ug/l	99
74) N-amyl acetate	10.89	43	589507	49.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	411432	46.444	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	350395m	44.473	ug/l	
77) Bromobenzene	11.25	156	335268	47.689	ug/l	100
78) n-propylbenzene	11.35	91	1474272	51.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	870521	49.965	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1074109	49.947	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141457	50.675	ug/l	98
82) 4-Chlorotoluene	11.51	91	998215	49.393	ug/l	99
83) tert-Butylbenzene	11.76	119	922770	44.093	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	1089705	50.599	ug/l	100
85) sec-Butylbenzene	11.94	105	1251728	50.665	ug/l	100
86) p-Isopropyltoluene	12.06	119	1147405	50.772	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	595460	48.327	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	592116	47.261	ug/l	99
89) n-Butylbenzene	12.39	91	981279	50.888	ug/l	99
90) Hexachloroethane	12.59	117	201002	49.517	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	599984	48.372	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	91485	46.667	ug/l	97

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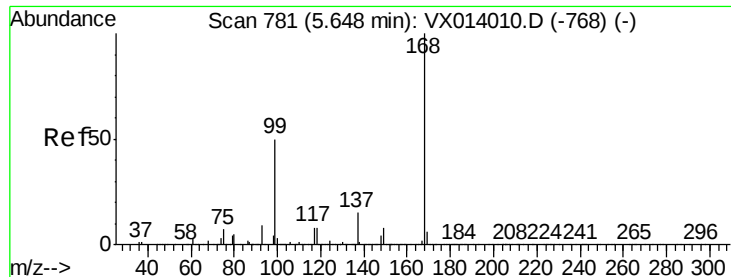
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	403318	50.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	191768	49.495	ug/l	100
95) Naphthalene	13.83	128	1242843	52.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	403400	50.690	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 519985

Ion Ratio Lower Upper

168 100

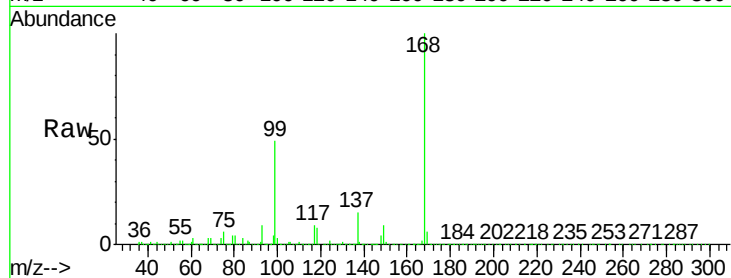
99 49.1 40.3 60.5

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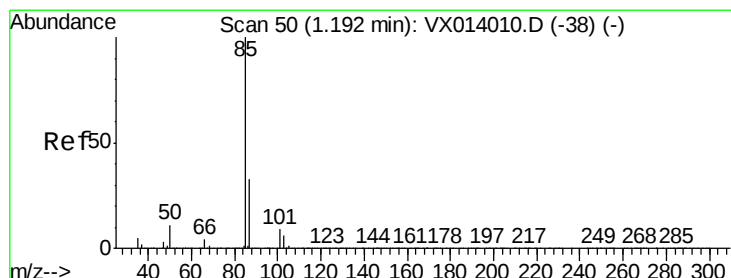
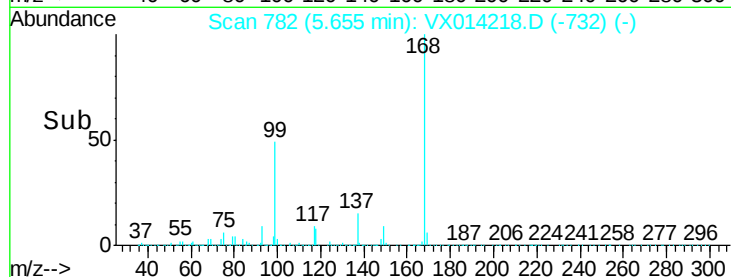
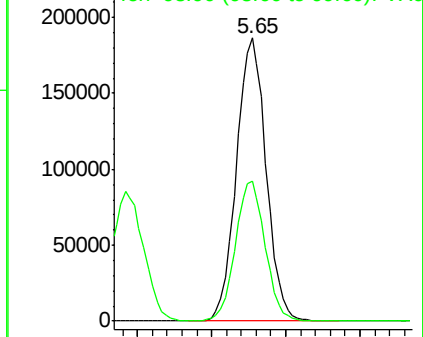
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.002 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014218.D

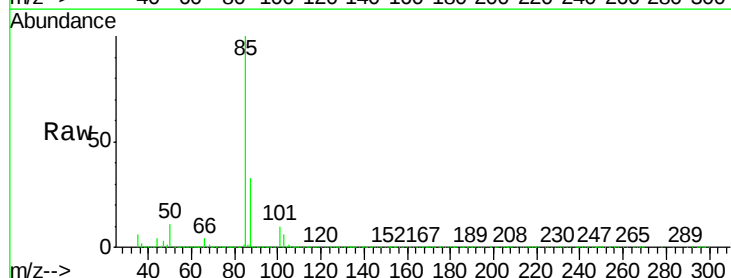
Acq: 23 Dec 2019 21:49

Tgt Ion: 85 Resp: 209347

Ion Ratio Lower Upper

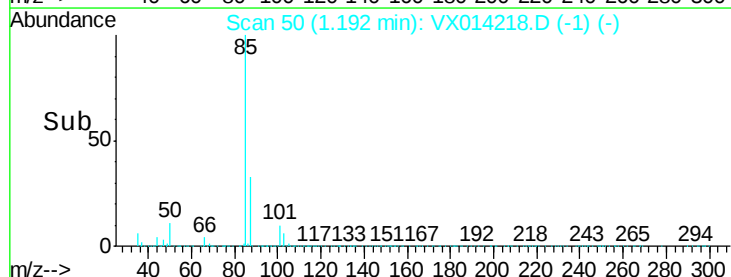
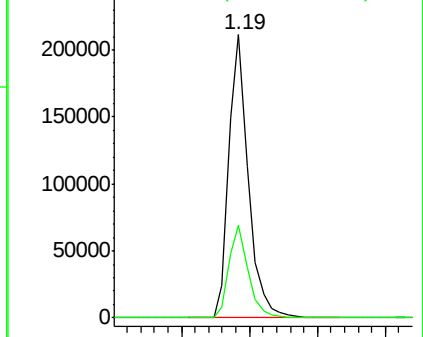
85 100

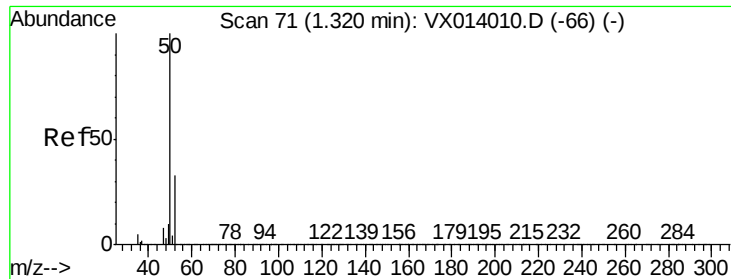
87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.269 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 276369

Ion Ratio Lower Upper

50 100

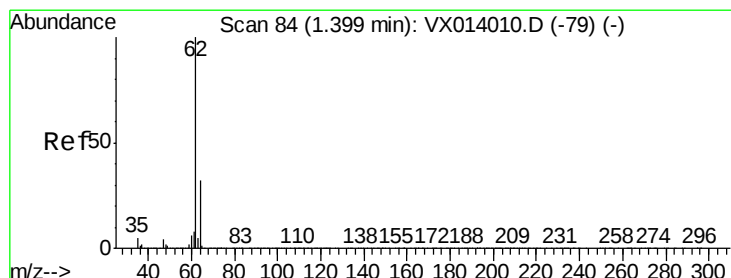
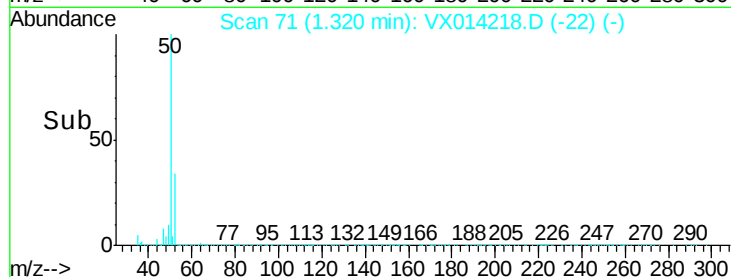
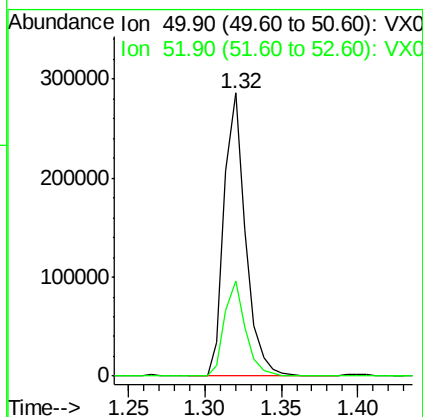
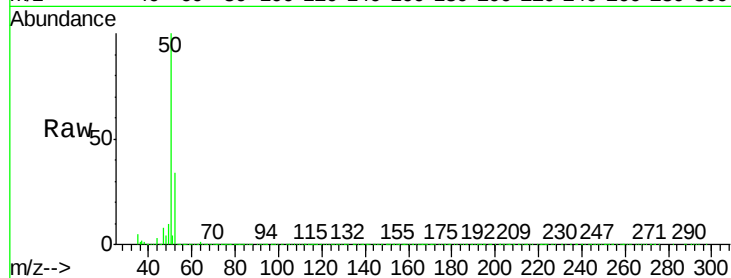
52 33.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 46.067 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014218.D

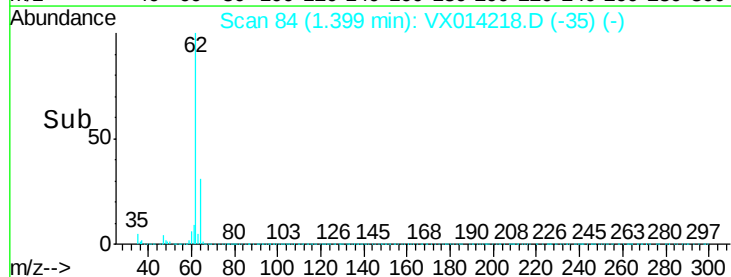
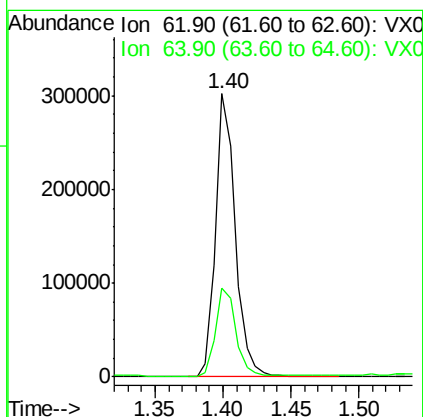
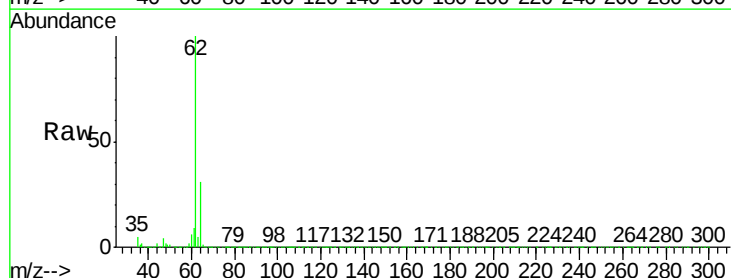
Acq: 23 Dec 2019 21:49

Tgt Ion: 62 Resp: 303467

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 40.200 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 187955

Ion Ratio Lower Upper

94 100

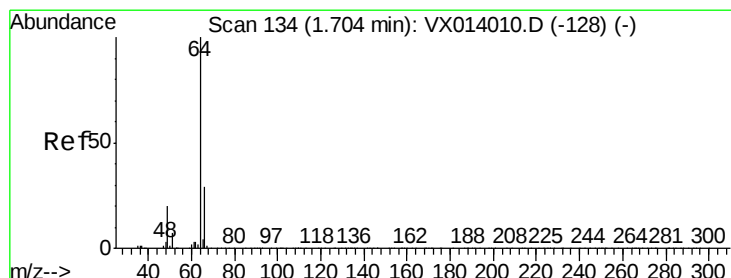
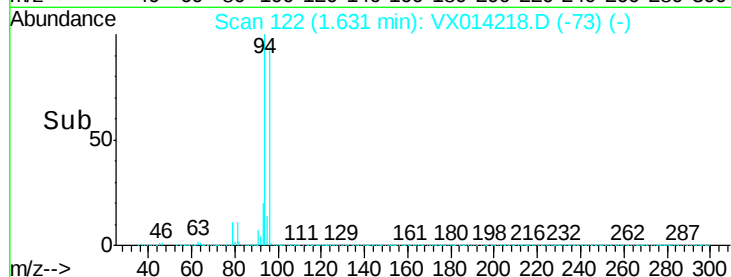
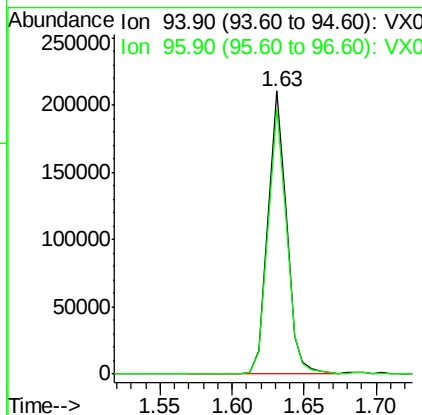
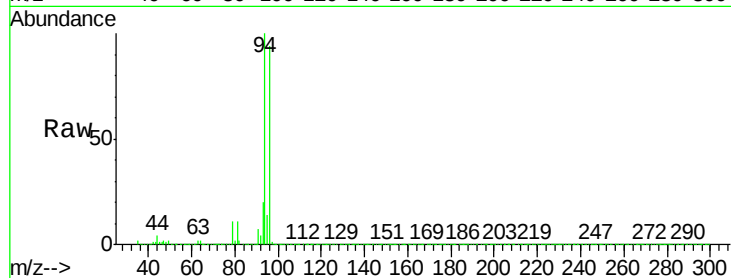
96 93.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.008 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014218.D

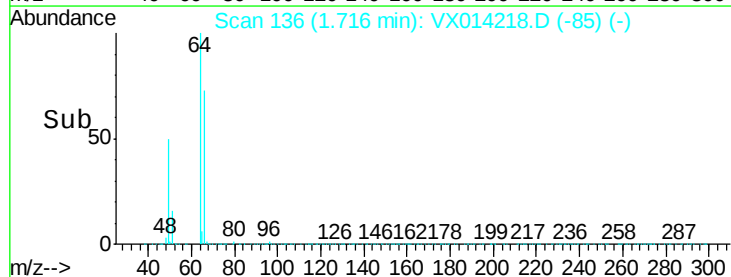
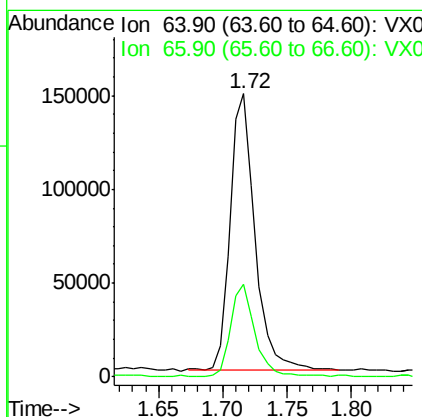
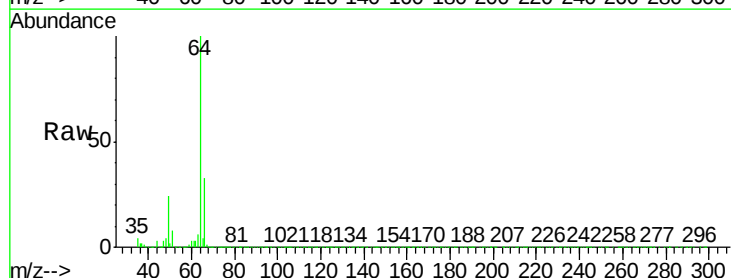
Acq: 23 Dec 2019 21:49

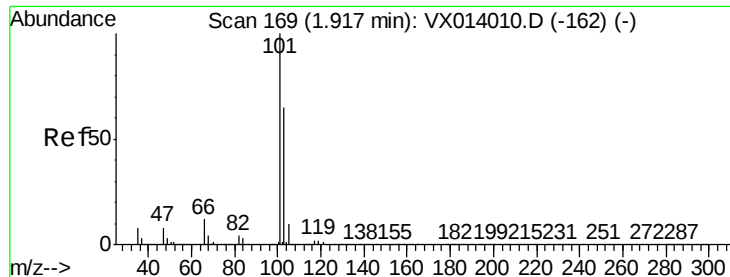
Tgt Ion: 64 Resp: 199250

Ion Ratio Lower Upper

64 100

66 33.0 23.4 35.2





#7

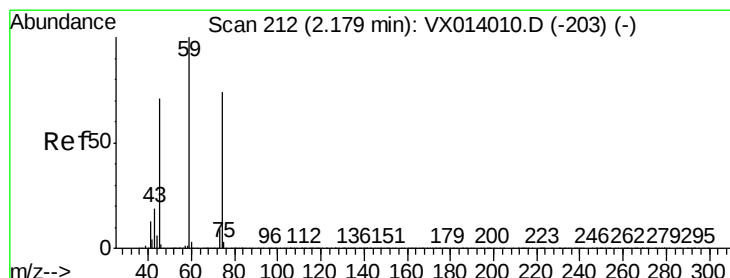
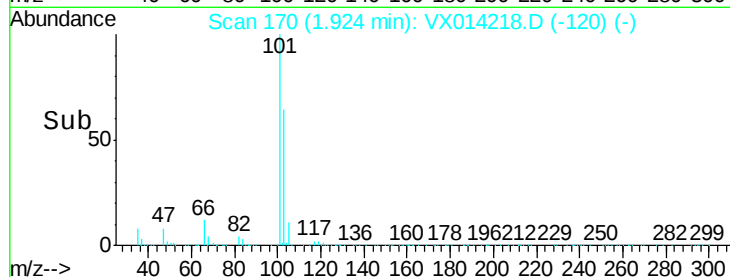
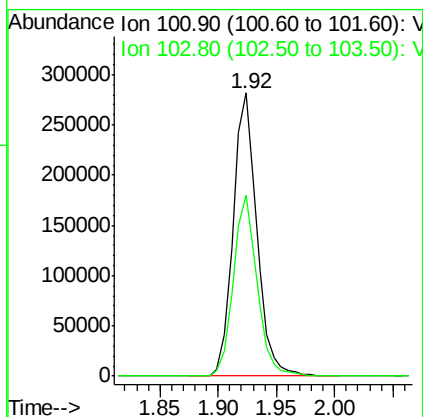
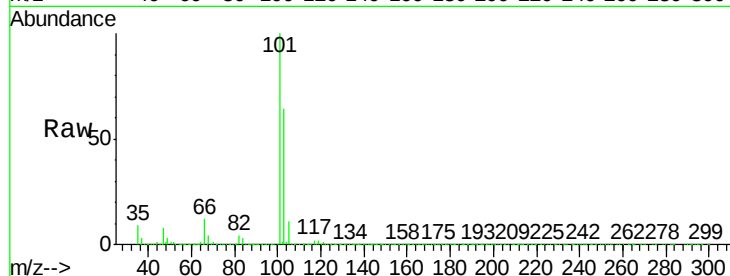
Trichlorofluoromethane
Concen: 49.017 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.2	78.4

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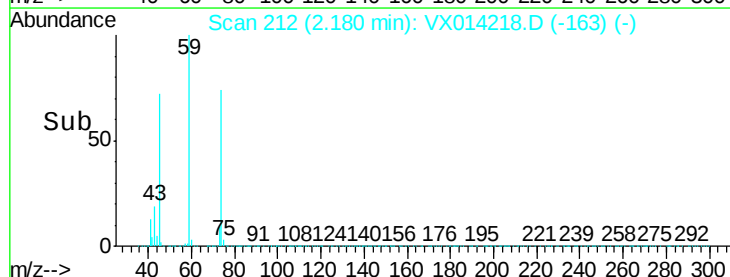
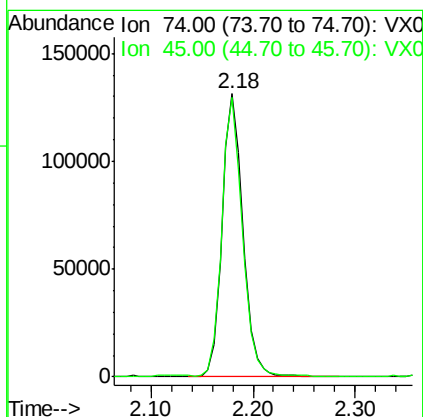
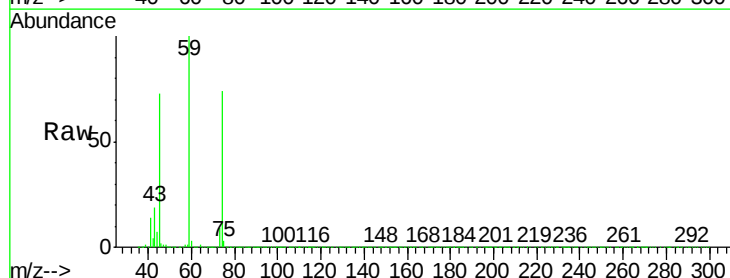
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#8

Diethyl Ether
Concen: 48.324 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.869 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

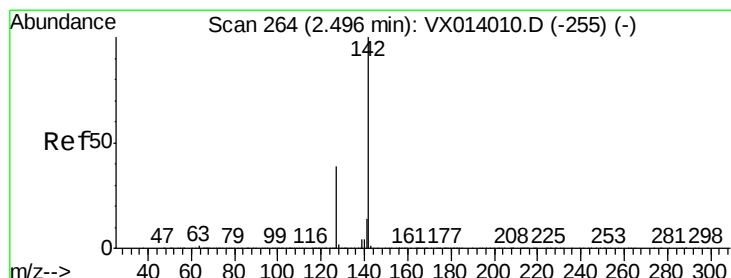
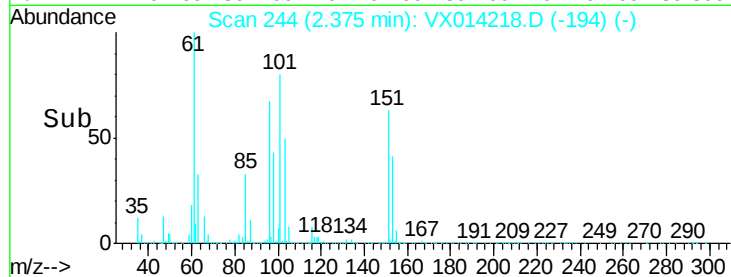
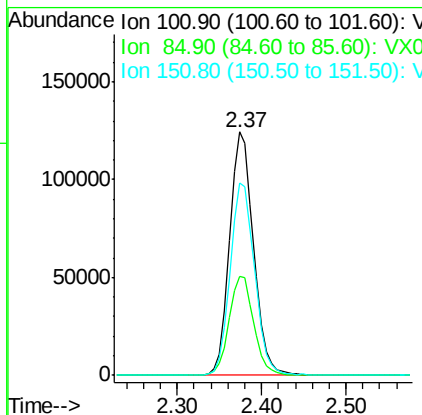
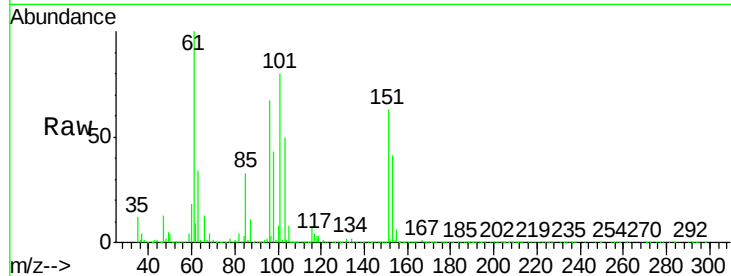
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	240223
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	80.4	64.5	96.7

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#10

Methyl Iodide

Concen: 41.753 ug/l

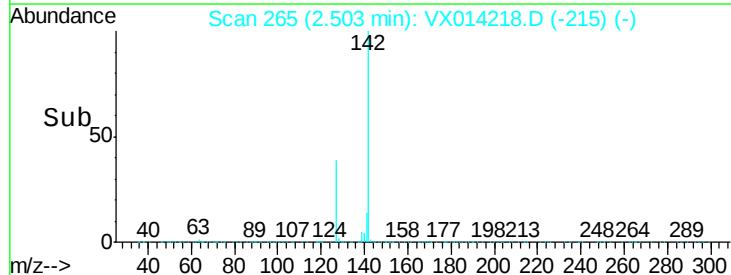
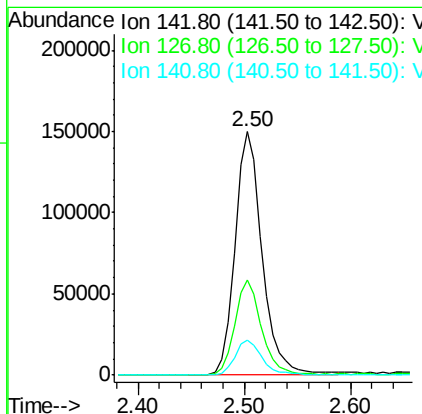
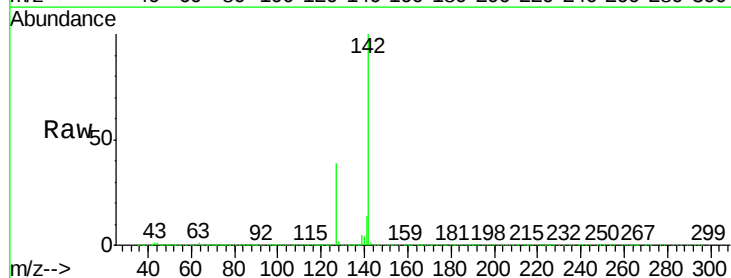
RT: 2.50 min Scan# 265

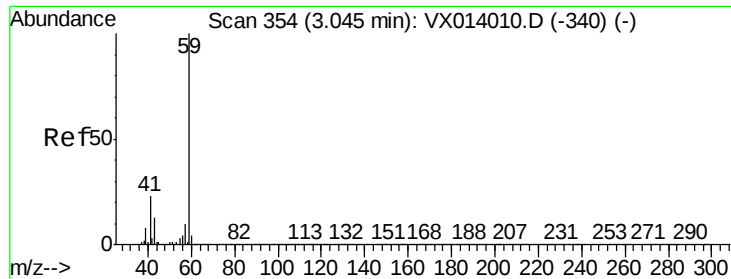
Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	142	Resp:	267710
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	14.5	11.6	17.4





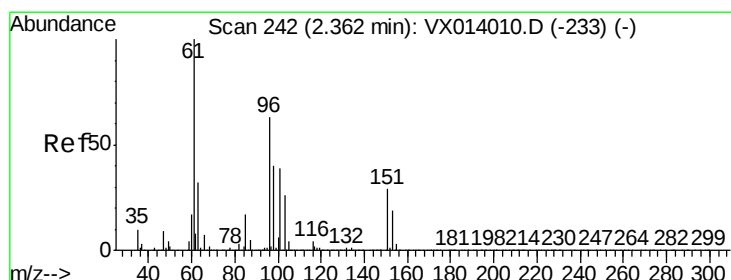
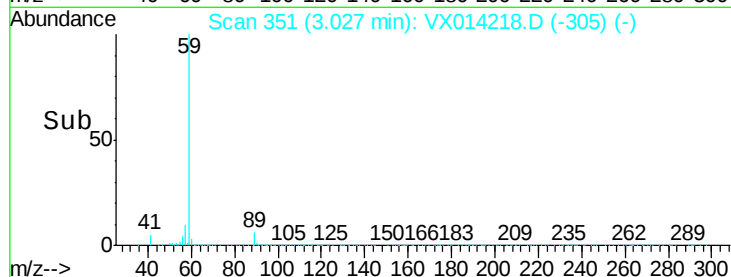
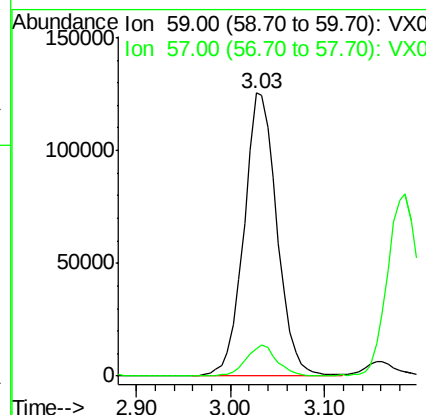
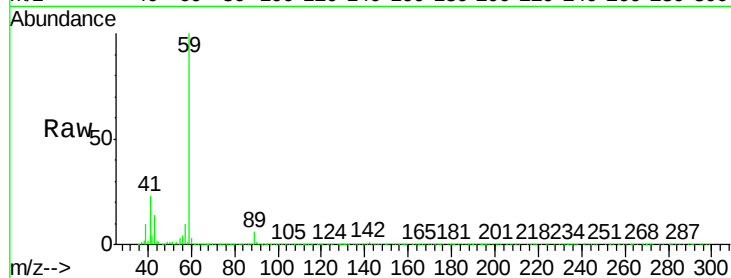
#11
Tert butyl alcohol
Concen: 240.298 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	305998		
57	10.0		8.4	12.6

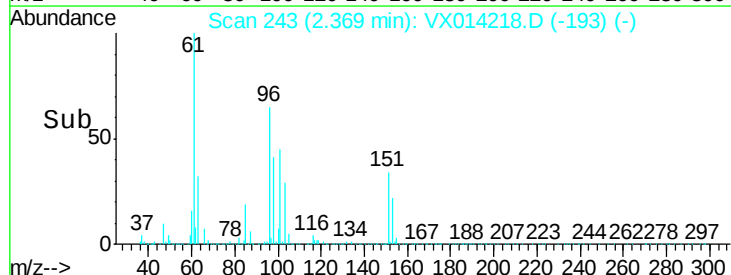
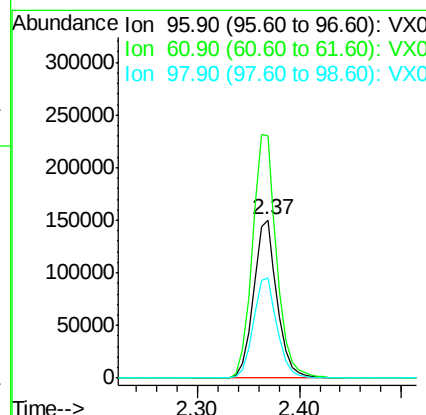
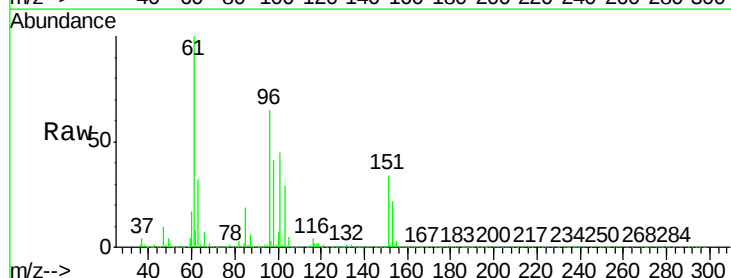
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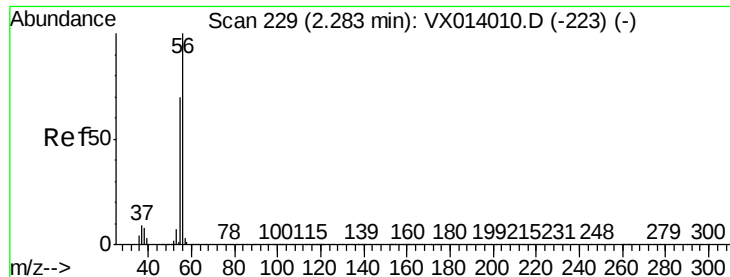
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#12
1,1-Dichloroethene
Concen: 48.173 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	240959		
61	153.5		127.9	191.9
98	63.1		50.5	75.7





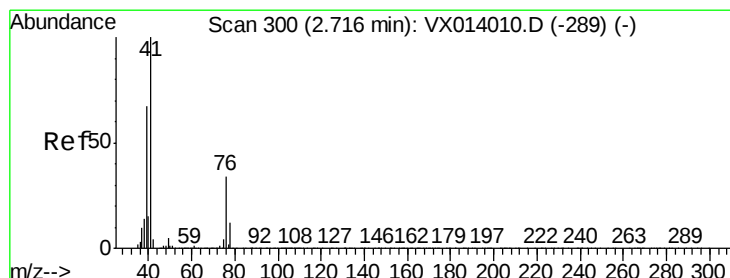
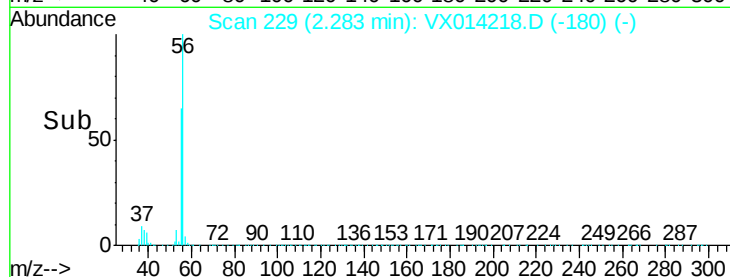
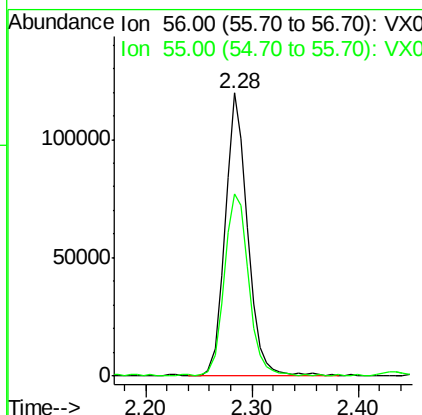
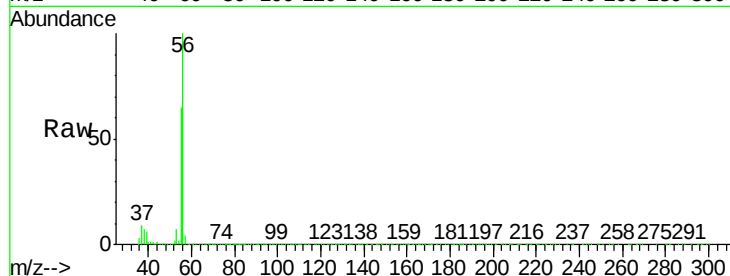
#13
Acrolein
Concen: 240.154 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.9	56.9	85.3

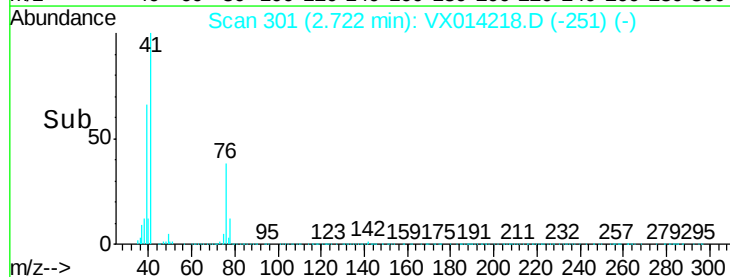
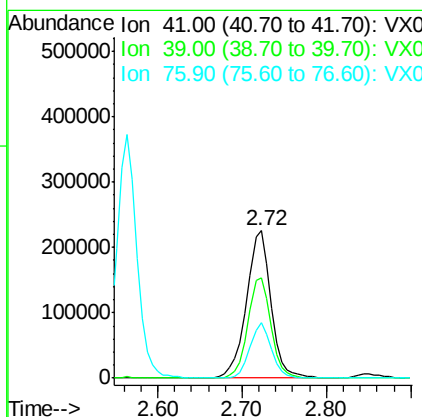
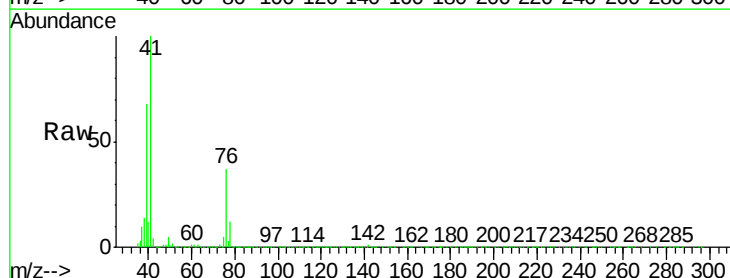
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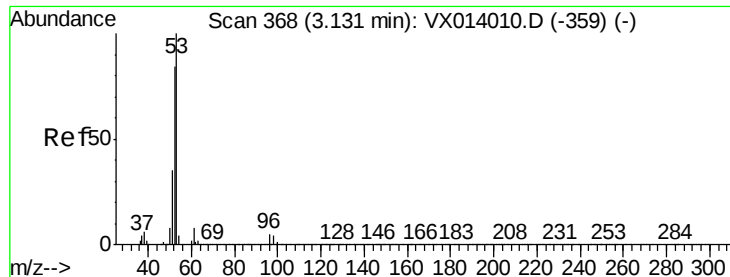
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#14
Allyl chloride
Concen: 49.361 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.5	51.8	77.8
76	76	32.5	25.9	38.9





#15

Acrylonitrile

Concen: 255.758 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

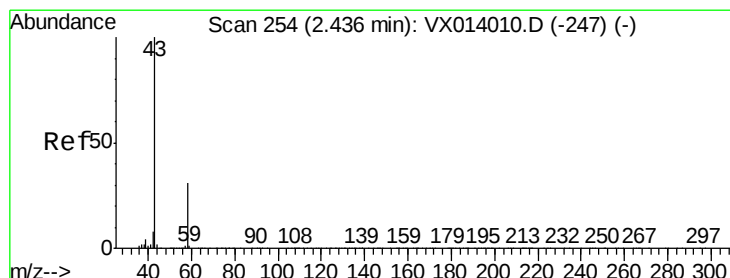
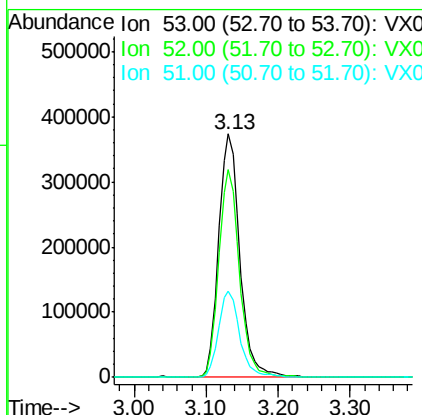
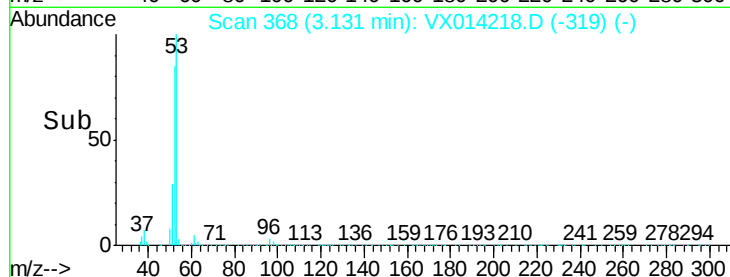
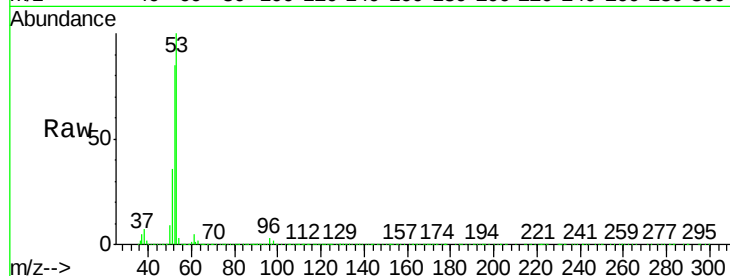
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	760171
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.5	99.7
51	35.7	28.1	42.1

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#16

Acetone

Concen: 216.917 ug/l

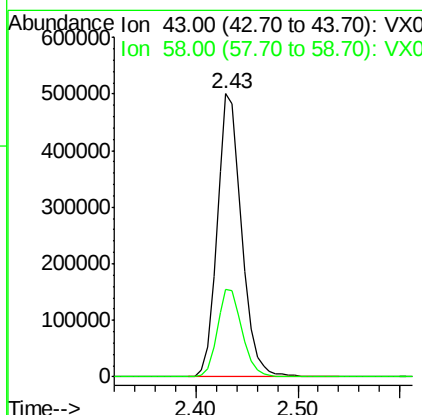
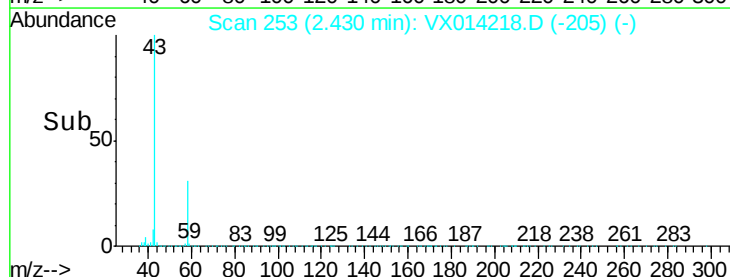
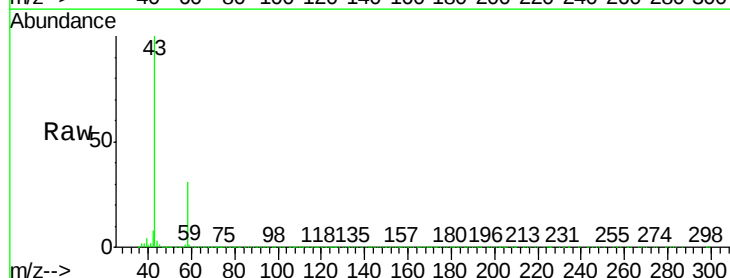
RT: 2.43 min Scan# 253

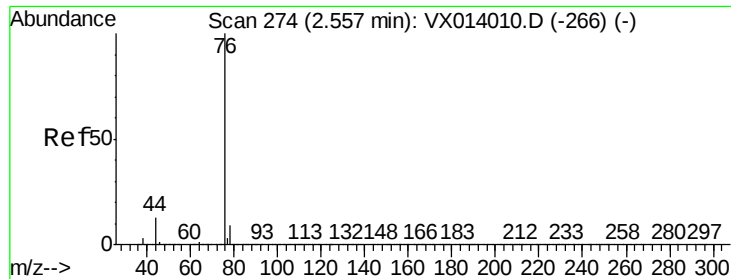
Delta R.T. -0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	43	Resp:	829929
Ion Ratio		Lower	Upper
43	100		
58	31.1	24.9	37.3





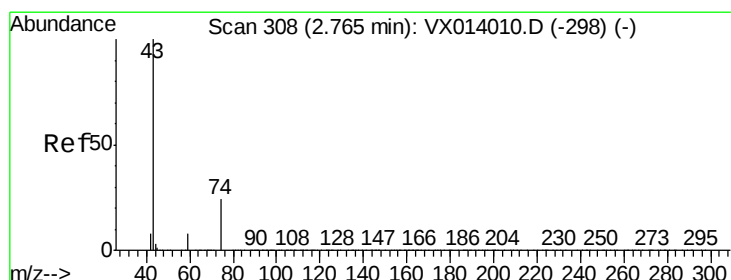
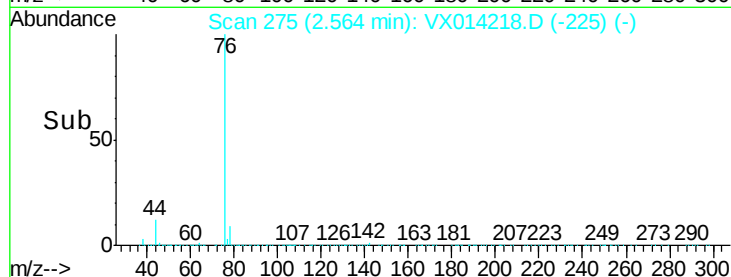
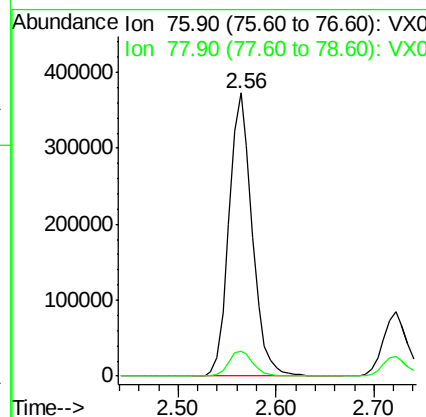
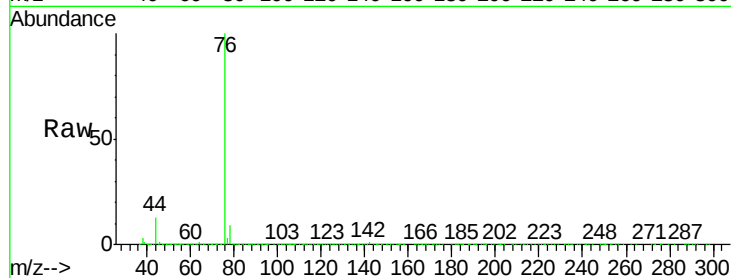
#17
Carbon Disulfide
Concen: 44.287 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
76	100		
78	8.9	7.2	10.8

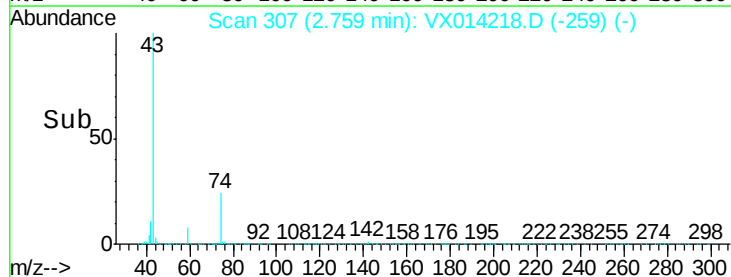
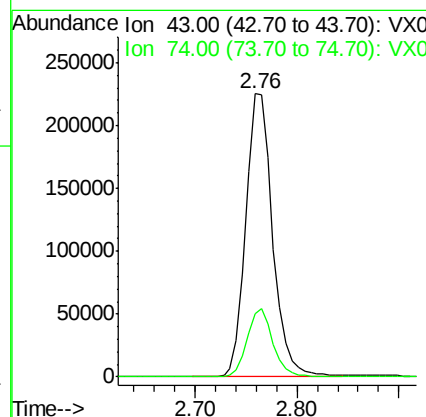
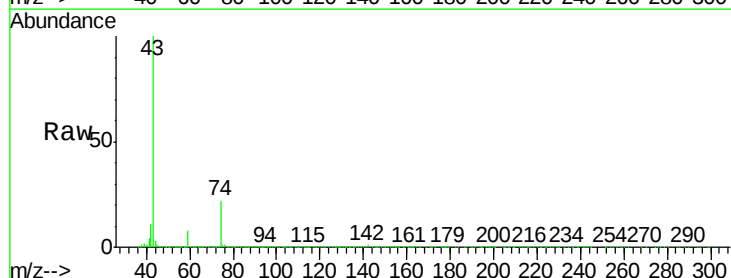
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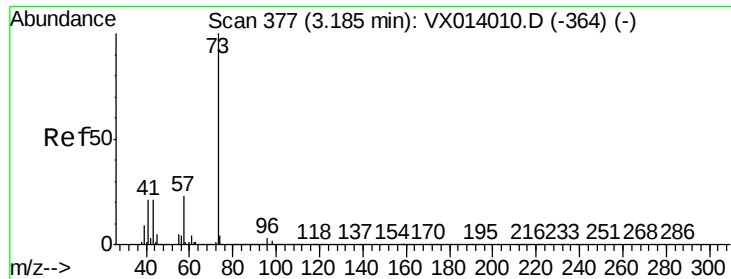
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#18
Methyl Acetate
Concen: 54.010 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
74	23.6	19.5	29.3





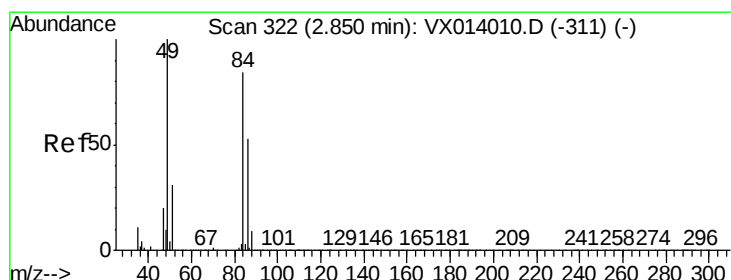
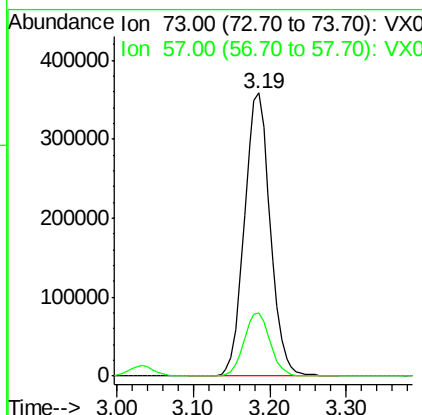
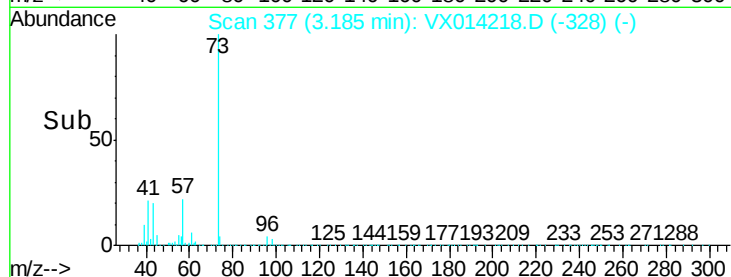
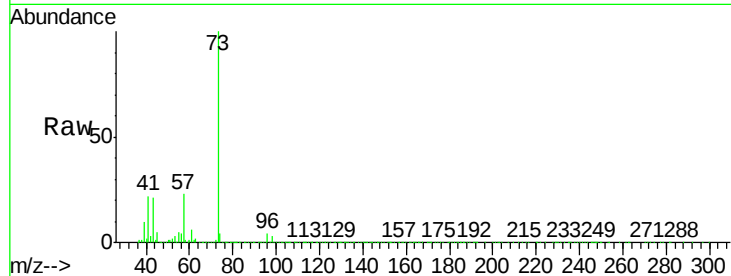
#19
Methyl tert-butyl Ether
Concen: 51.030 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.8	28.2

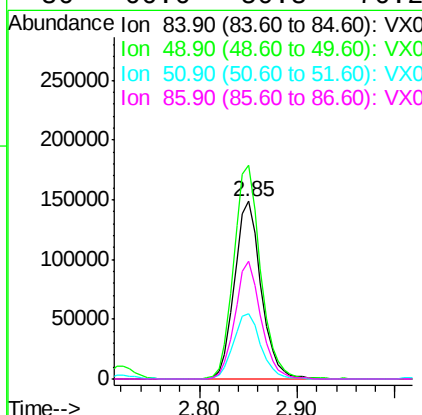
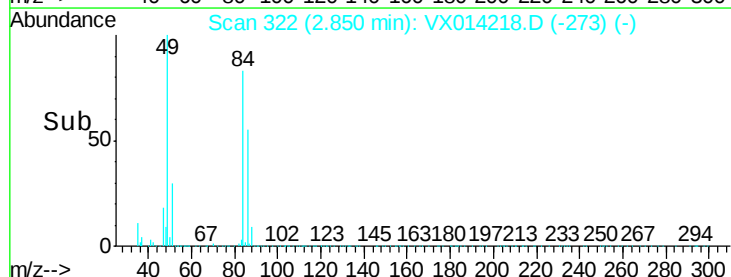
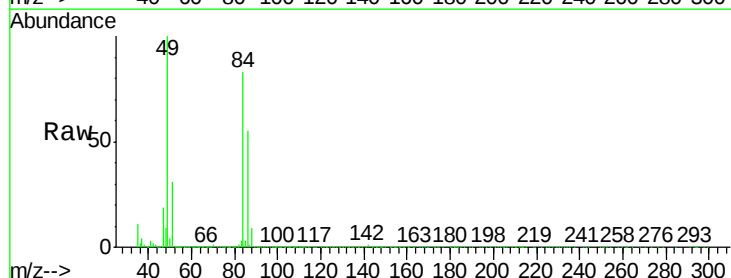
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#20
Methylene Chloride
Concen: 46.347 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.5	95.8	143.6
51	36.7	29.8	44.8
86	66.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.894 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

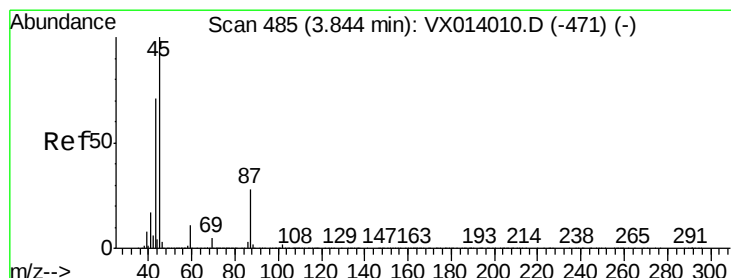
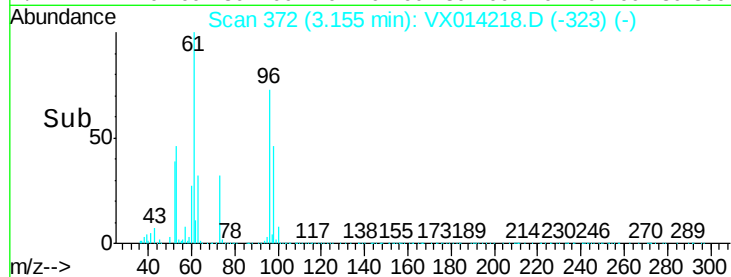
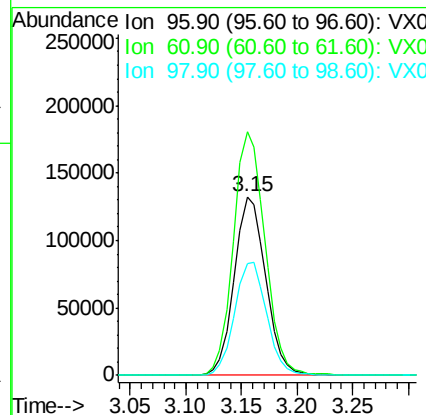
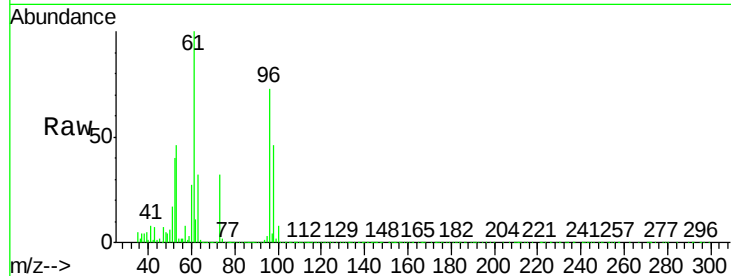
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	258415
Ion Ratio	Lower	Upper	
96	100		
61	136.4	108.3	162.5
98	62.6	50.8	76.2

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#22

Diisopropyl ether

Concen: 50.948 ug/l

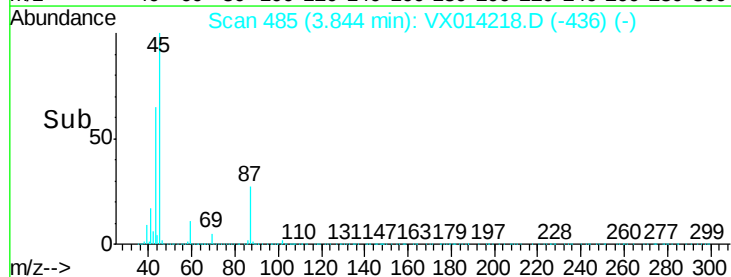
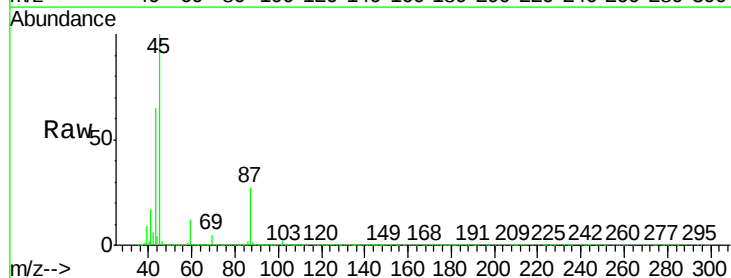
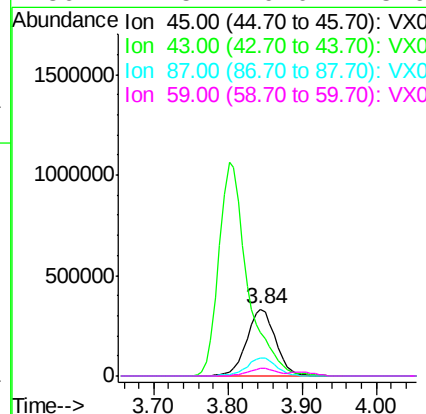
RT: 3.84 min Scan# 485

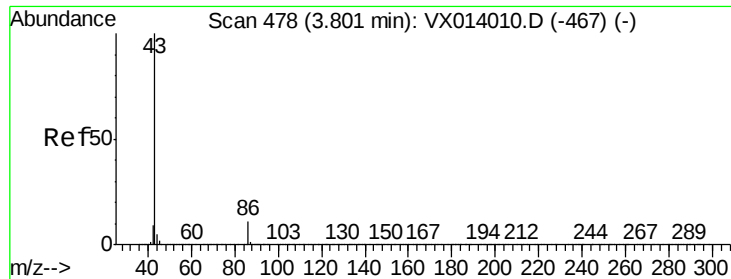
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	45	Resp:	906714
Ion Ratio	Lower	Upper	
45	100		
43	64.4	57.4	86.0
87	26.8	21.9	32.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 196.018 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2846816

Ion Ratio Lower Upper

43 100

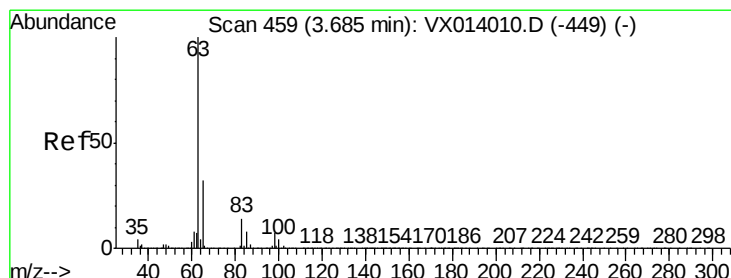
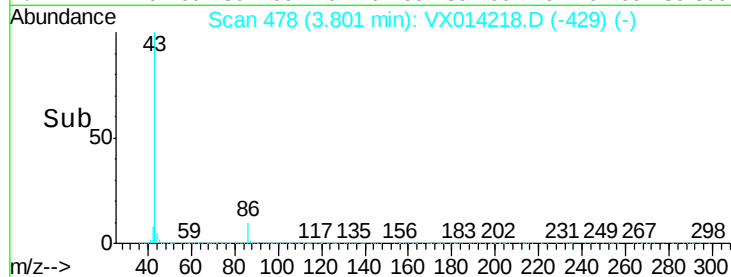
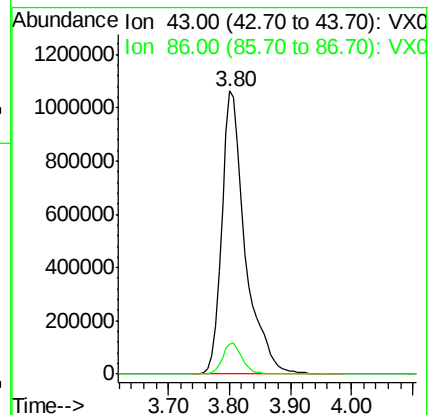
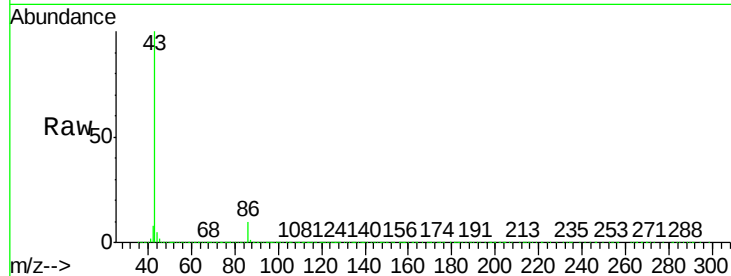
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 49.069 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

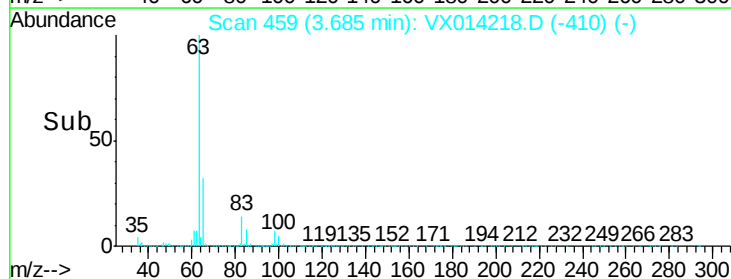
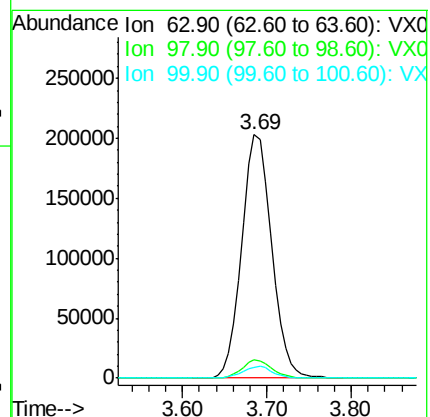
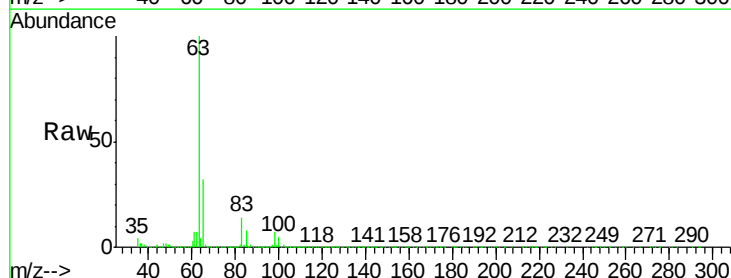
Tgt Ion: 63 Resp: 485857

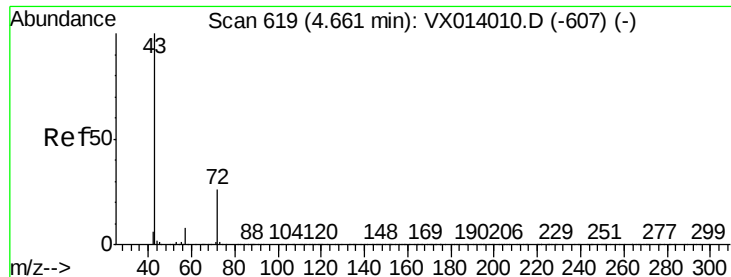
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 242.265 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tot Ion: 43 Resp: 1142774

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

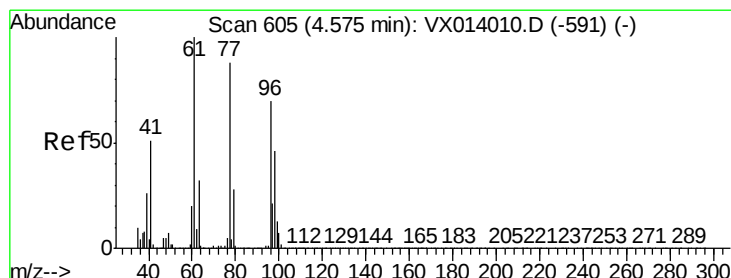
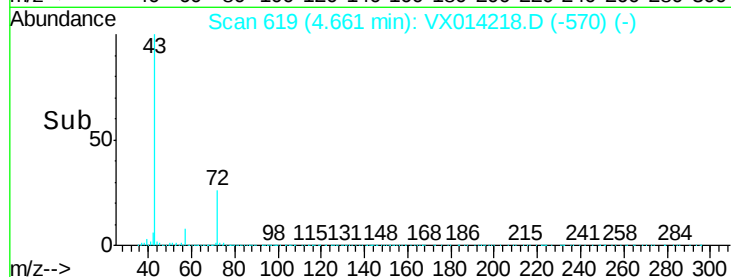
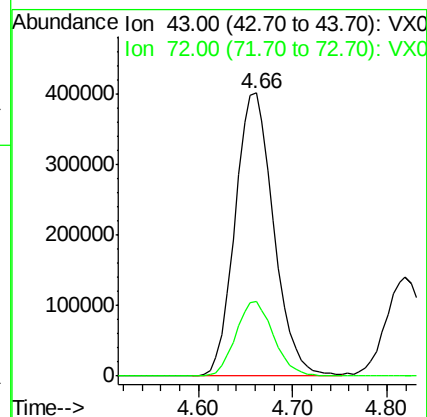
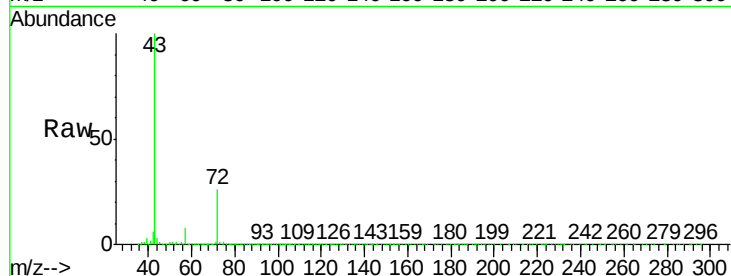
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 44.879 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014218.D

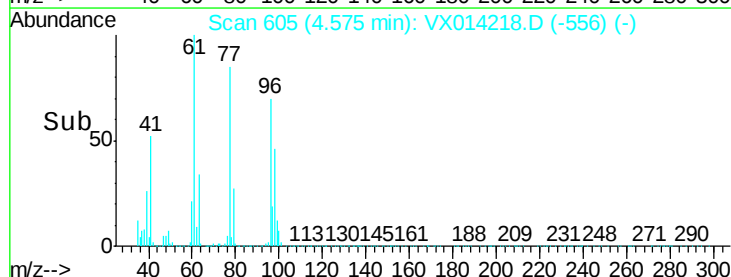
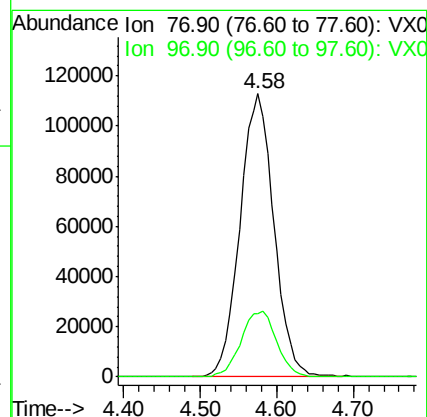
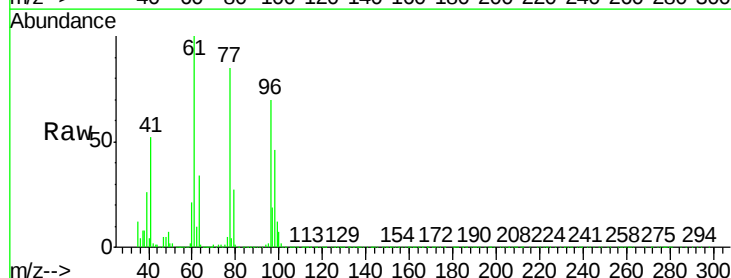
Acq: 23 Dec 2019 21:49

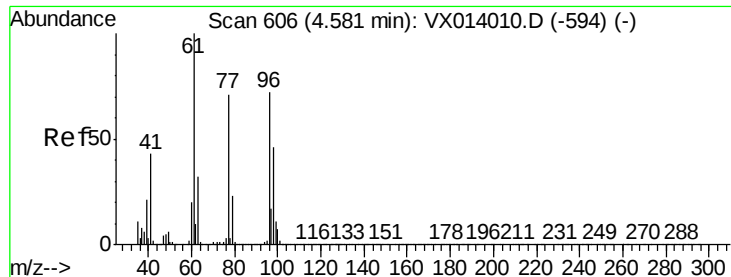
Tgt Ion: 77 Resp: 345010

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

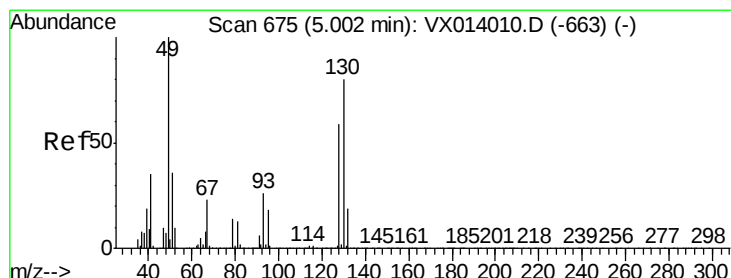
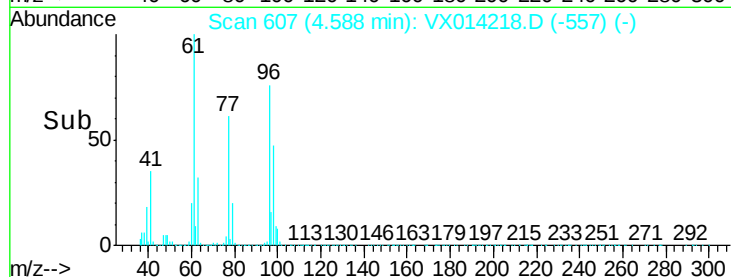
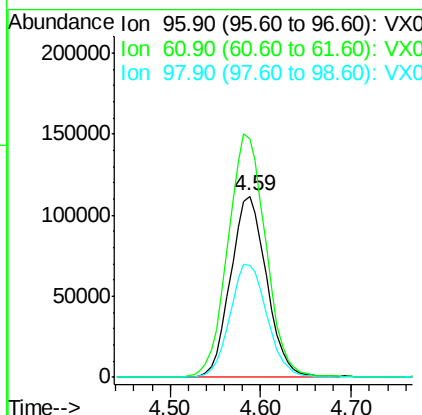
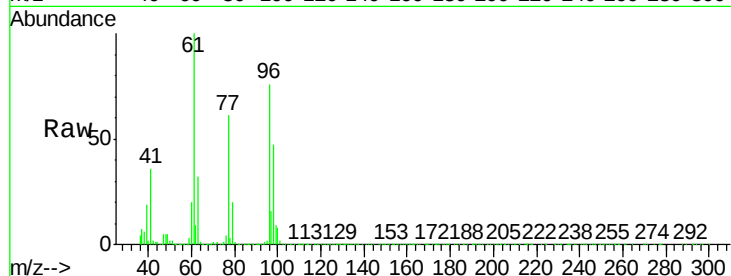
cis-1,2-Dichloroethene
Concen: 49.579 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.9	0.0	288.4	
98	64.5	0.0	129.6	

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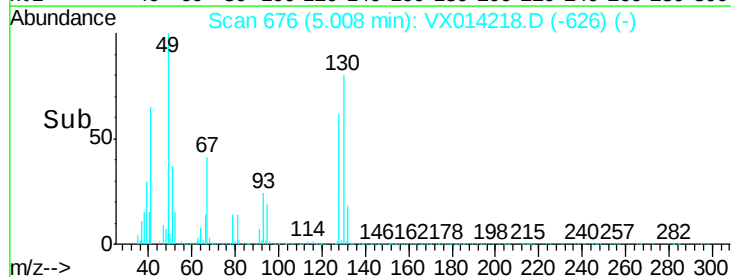
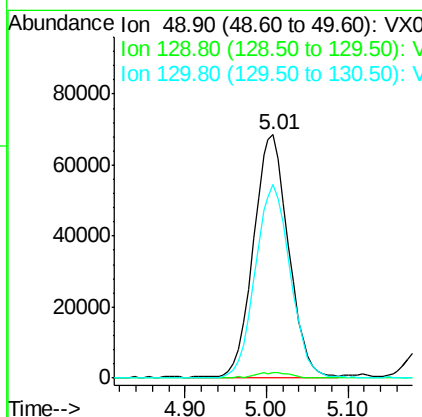
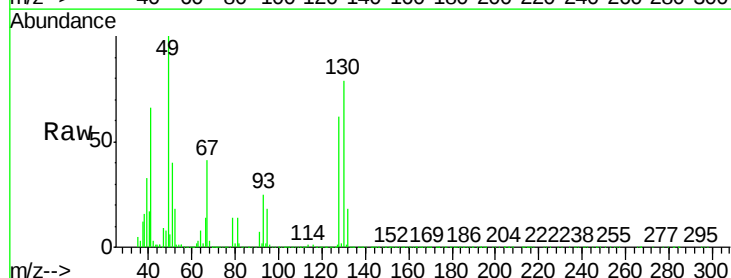
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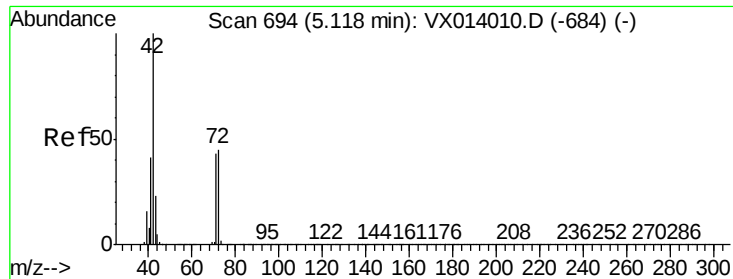


#28

Bromochloromethane
Concen: 54.060 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.0	
130	78.8	64.6	97.0	





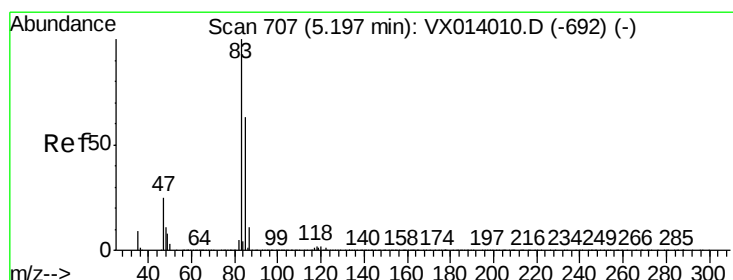
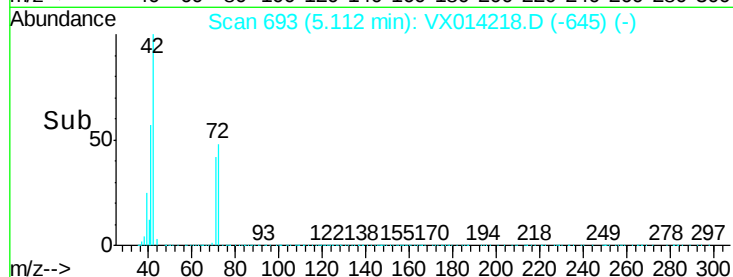
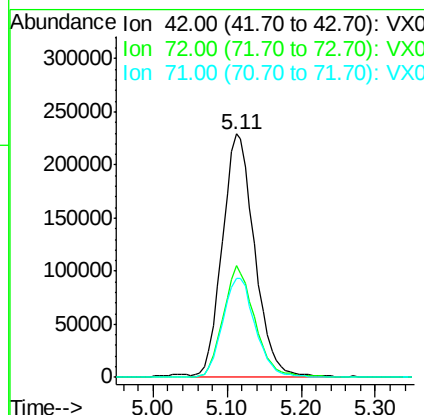
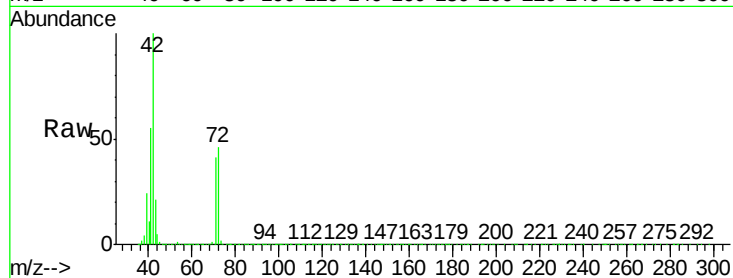
#29
Tetrahydrofuran
Concen: 260.329 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.8	53.8
71	41.4	33.6	50.4

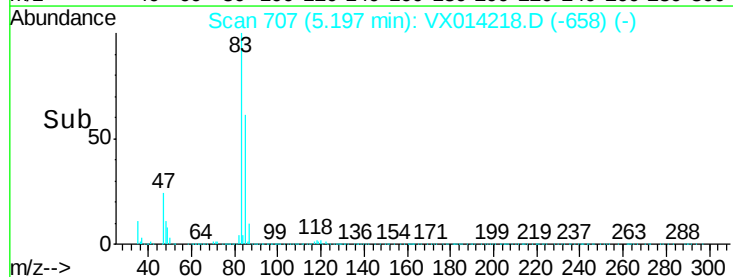
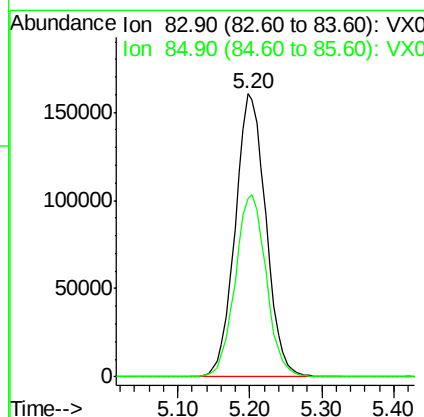
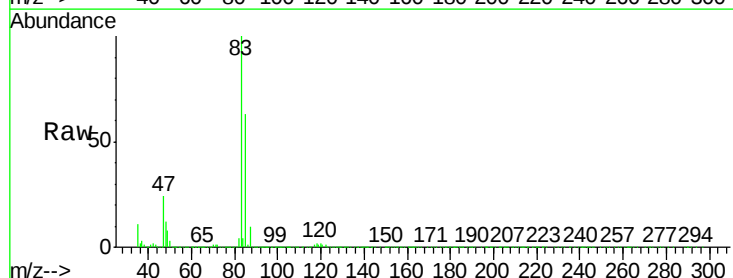
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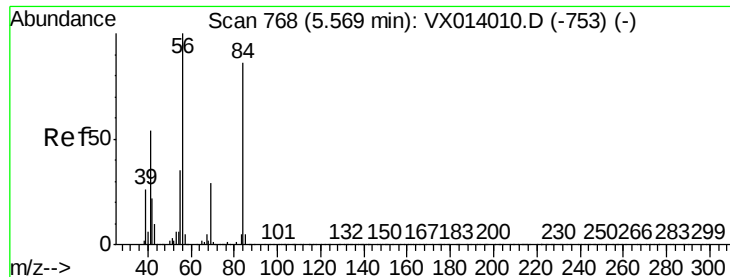
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#30
Chloroform
Concen: 50.407 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.8	76.2





#31

Cyclohexane

Concen: 48.772 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

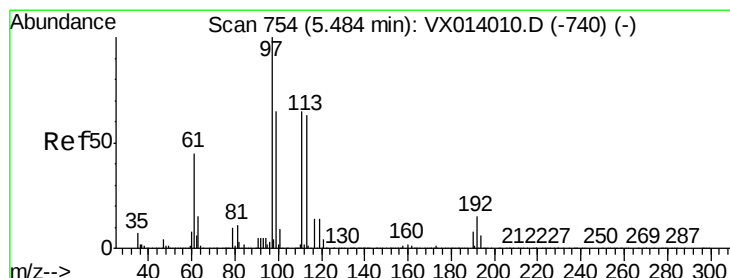
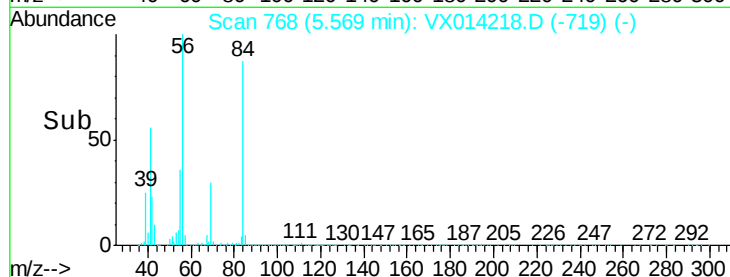
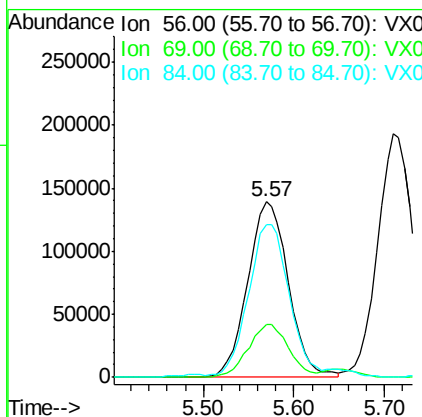
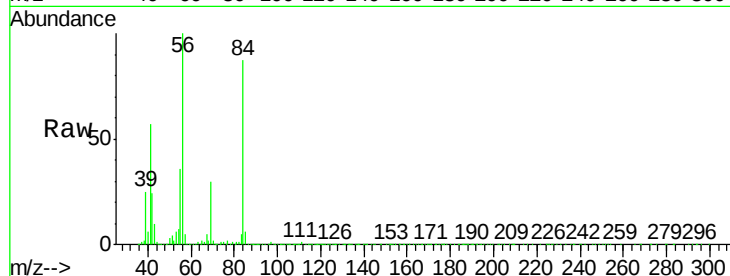
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.1	23.2	34.8	
84	85.5	69.2	103.8	

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#32

1,1,1-Trichloroethane

Concen: 49.674 ug/l

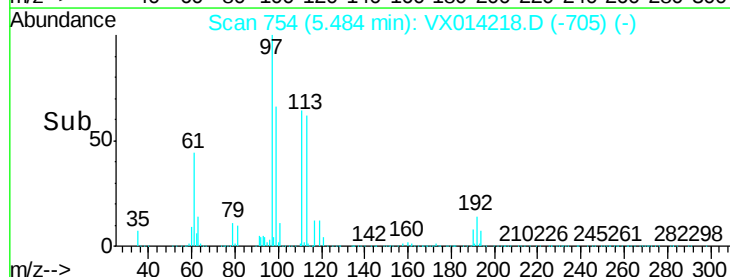
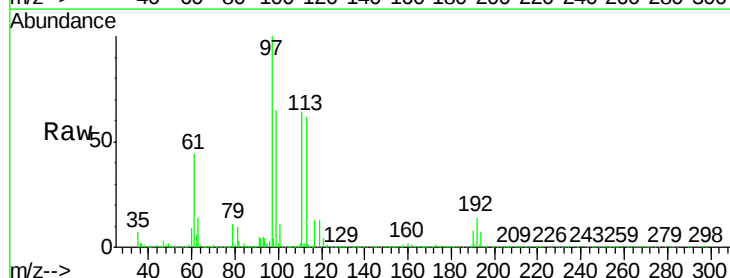
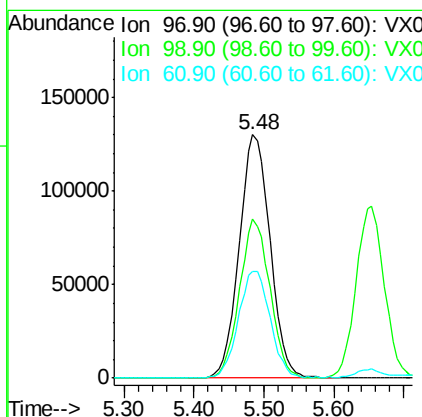
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	52.0	78.0	
61	45.6	36.7	55.1	





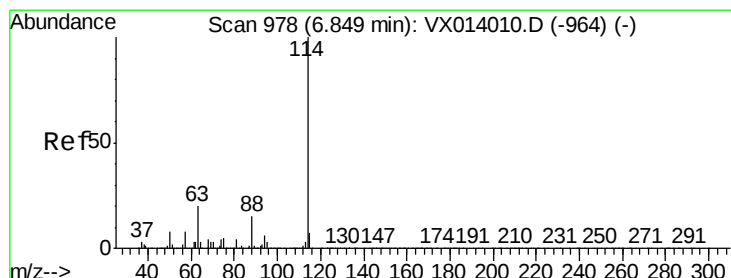
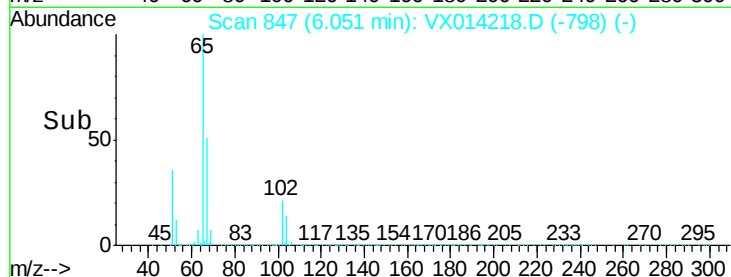
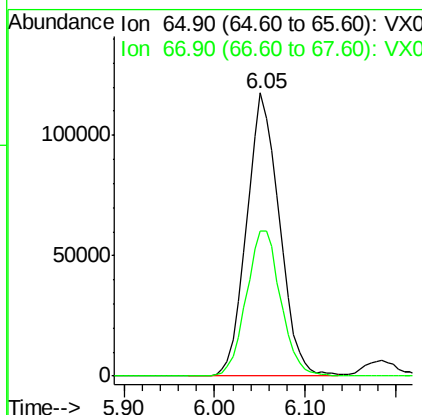
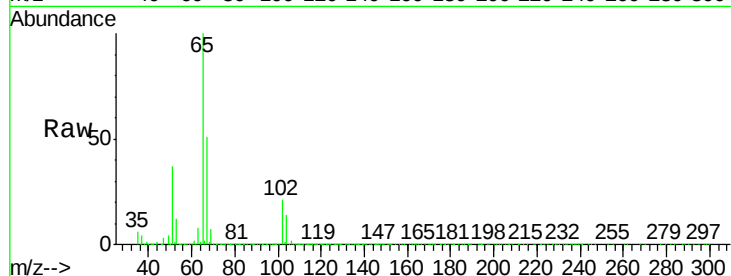
#33
 1,2-Dichloroethane-d4
 Concen: 49.615 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	292394		
67	54.0	0.0	106.4	

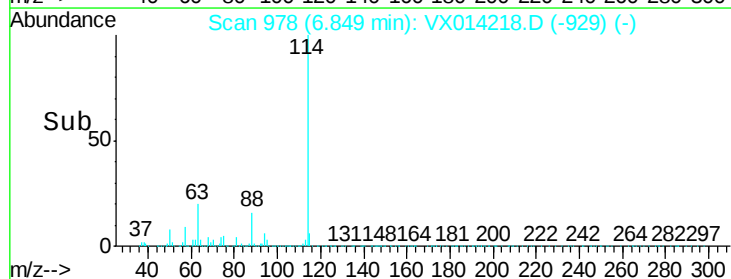
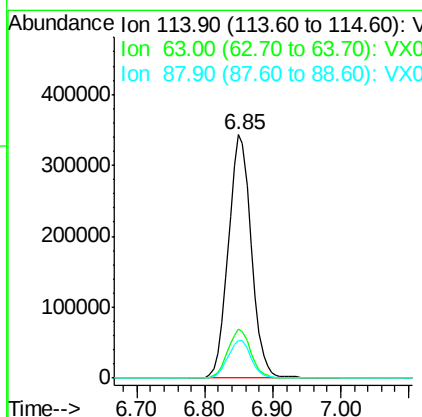
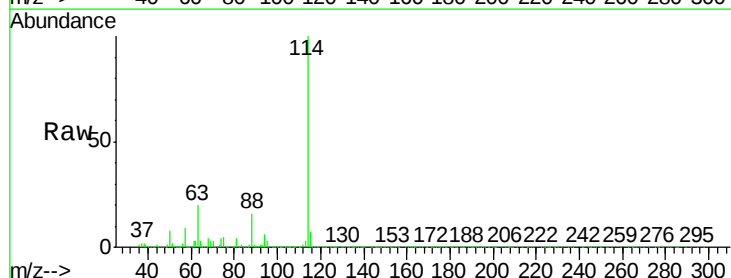
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	800672		
63	19.9	0.0	40.8	
88	15.6	0.0	30.4	





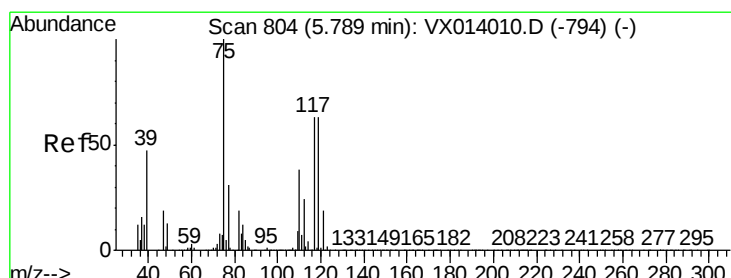
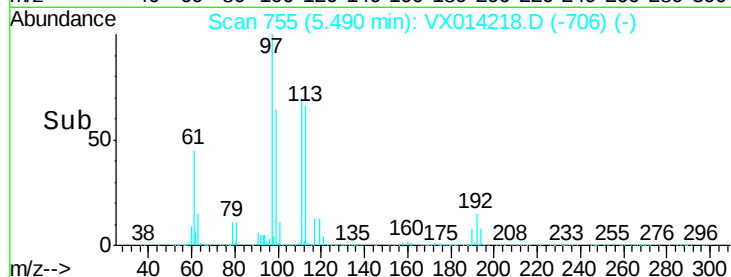
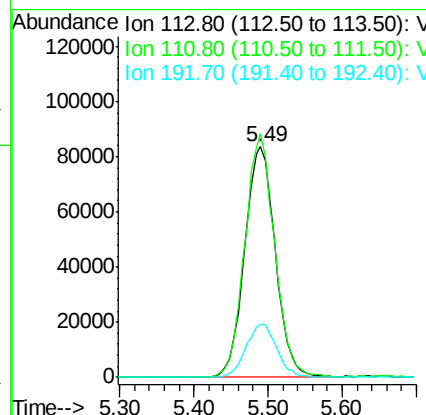
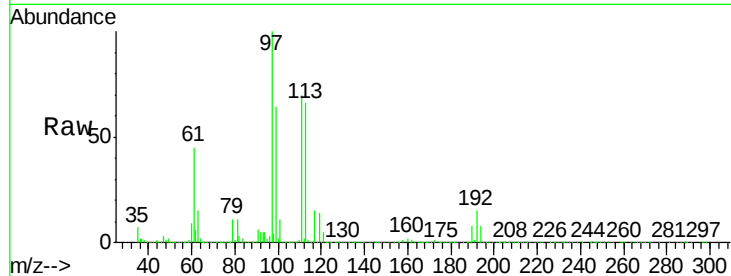
#35
Dibromofluoromethane
Concen: 49.732 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	242055		
111	102.1	82.0	123.0	
192	23.5	19.3	28.9	

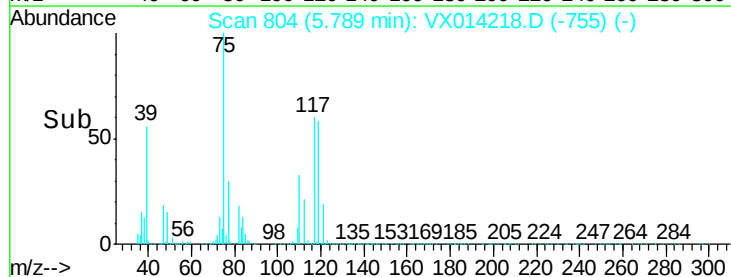
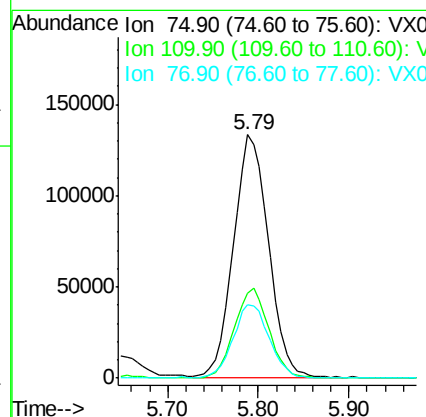
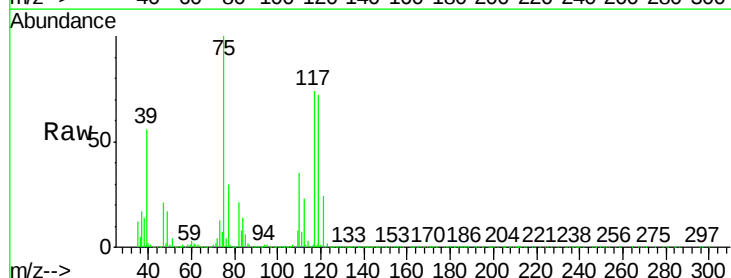
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#36
1,1-Dichloropropene
Concen: 48.377 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	355407		
110	36.4	18.3	54.9	
77	30.8	24.8	37.2	





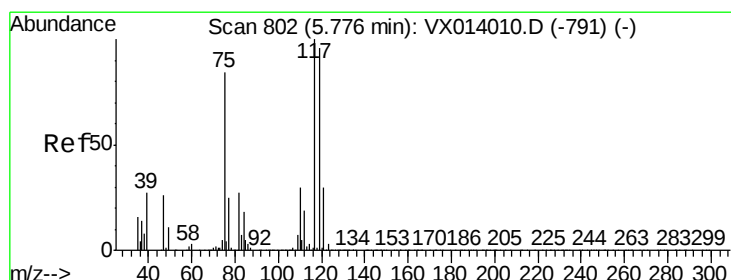
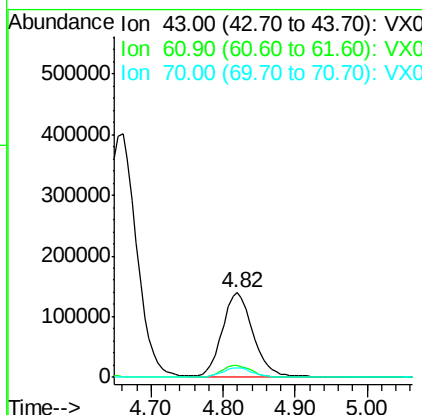
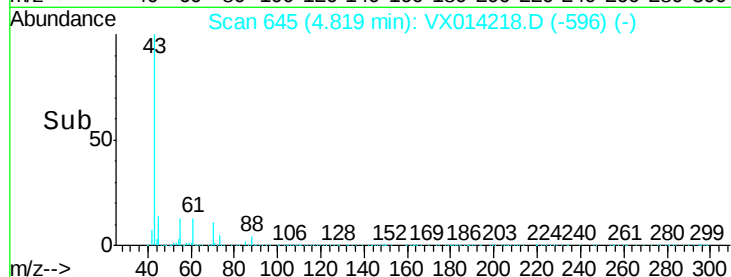
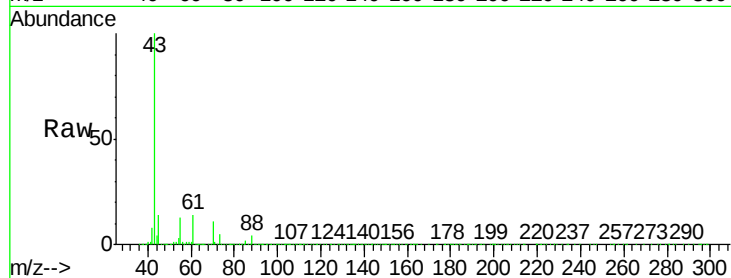
#37
Ethyl Acetate
Concen: 51.113 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	414665
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.8	16.2
70	11.1	8.6	12.8

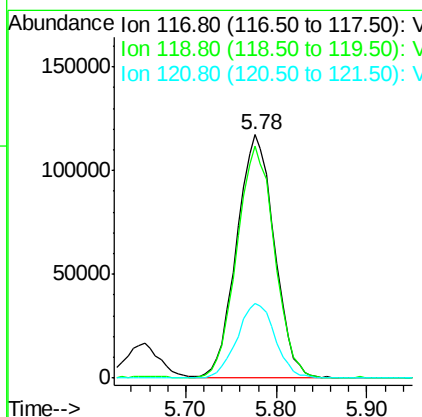
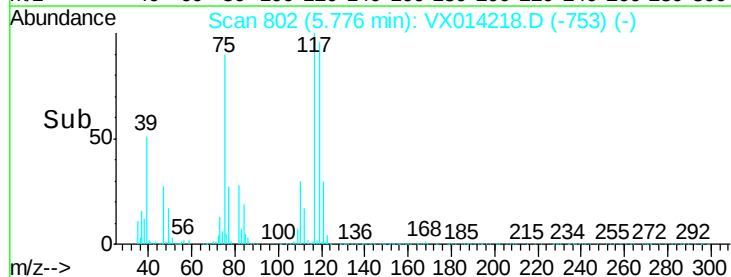
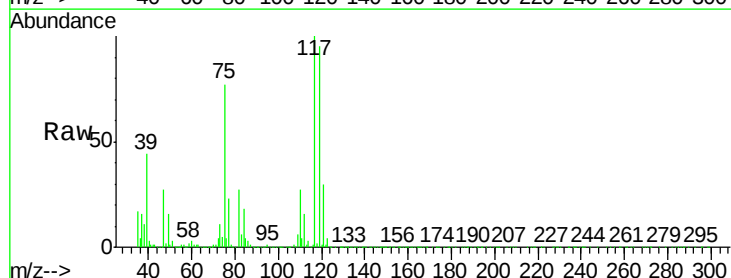
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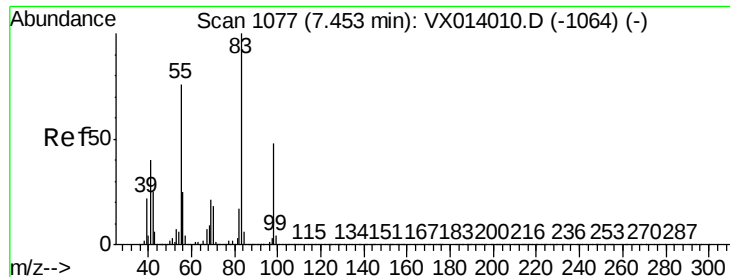
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#38
Carbon Tetrachloride
Concen: 50.253 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	117	Resp	336330
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.2	114.4
121	30.4	23.6	35.4





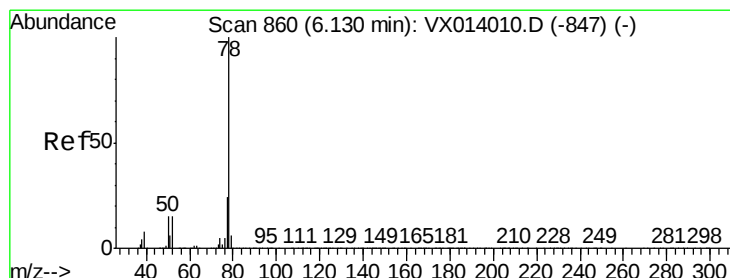
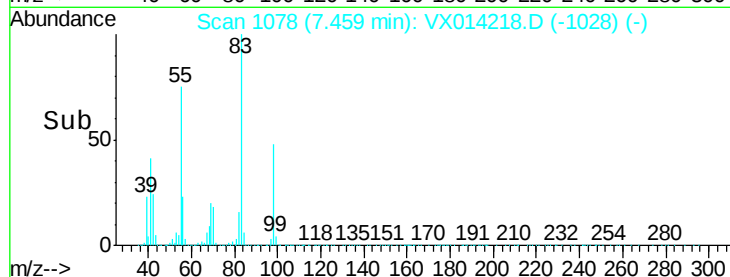
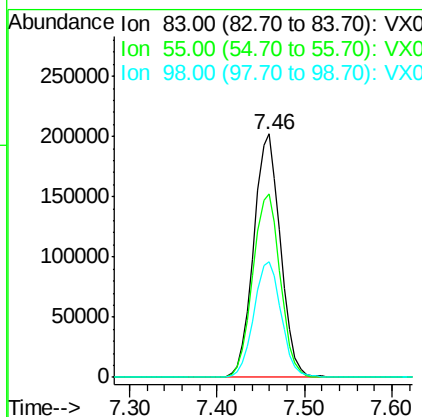
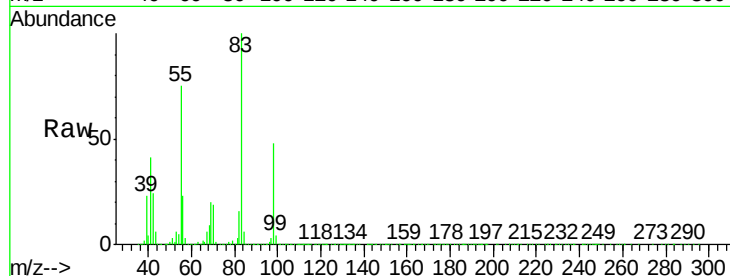
#39
Methvlcvclohexane
Concen: 47.379 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.0	91.6
98	47.6	38.6	57.8

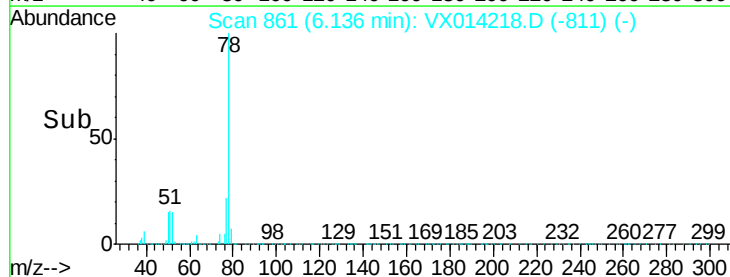
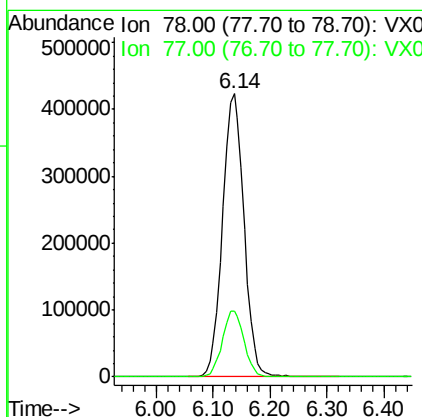
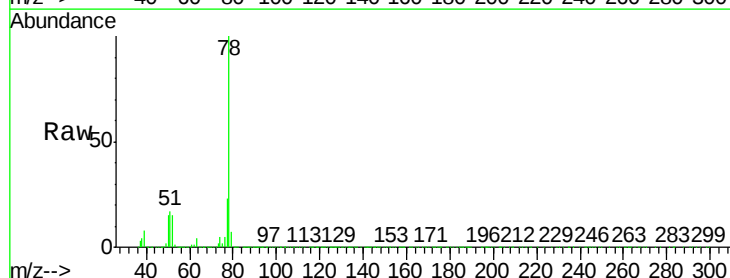
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#40
Benzene
Concen: 49.020 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





#41

Methacrylonitrile

Concen: 51.836 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

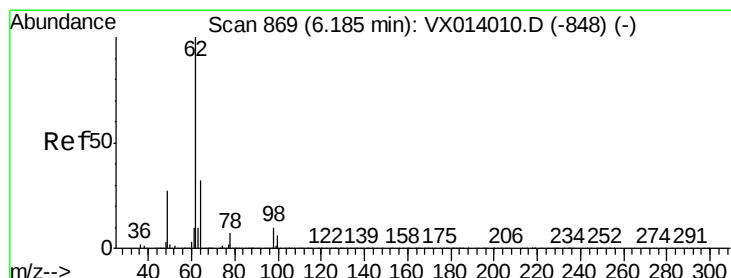
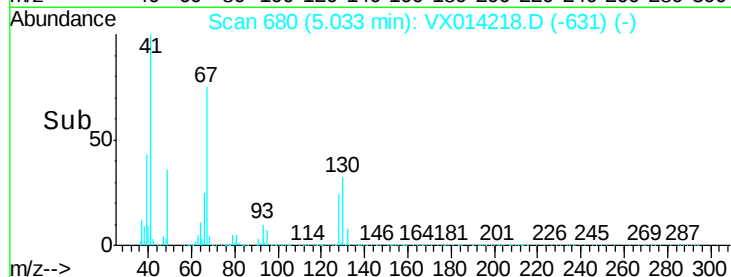
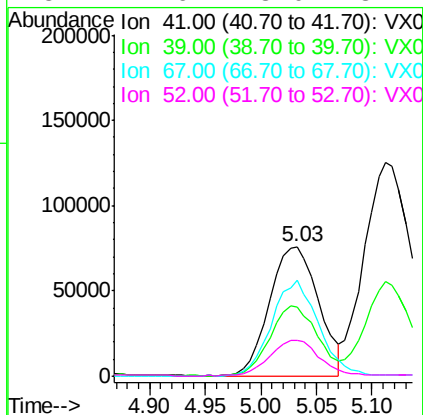
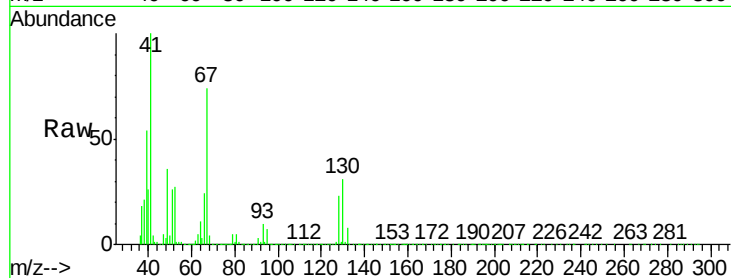
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.5	66.7
67	71.8	57.4	86.0
52	27.6	23.0	34.4

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#42

1,2-Dichloroethane

Concen: 49.949 ug/l

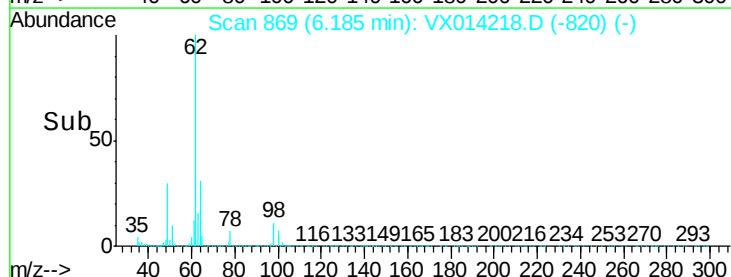
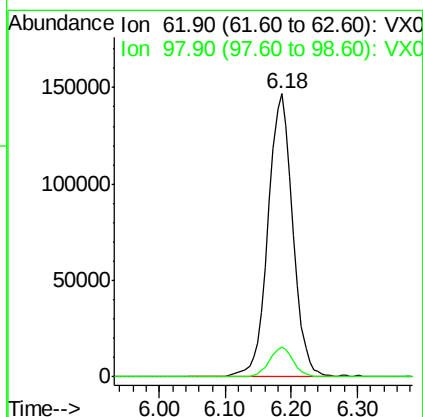
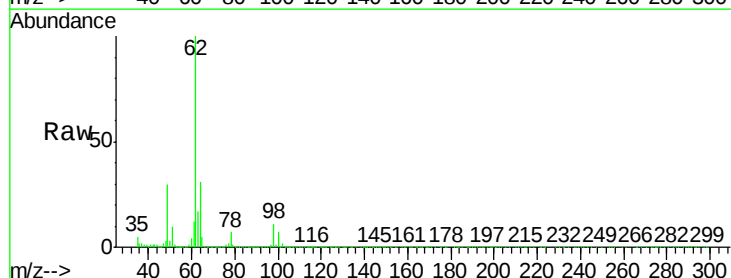
RT: 6.18 min Scan# 869

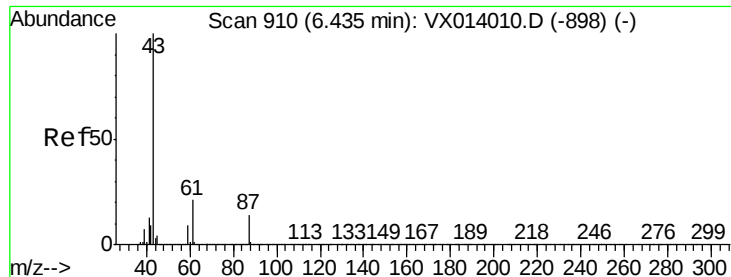
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0





#43

Isopropyl Acetate

Concen: 50.930 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

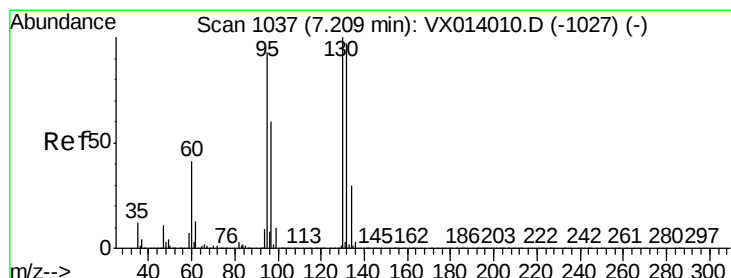
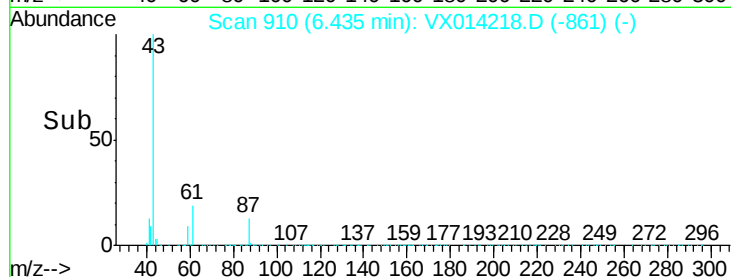
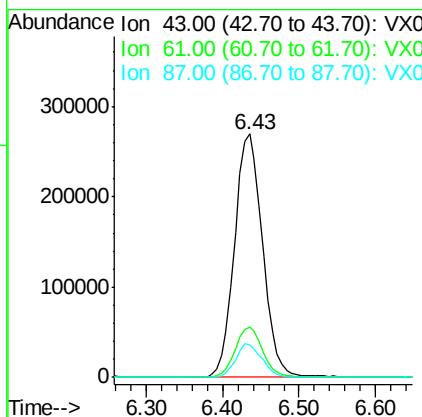
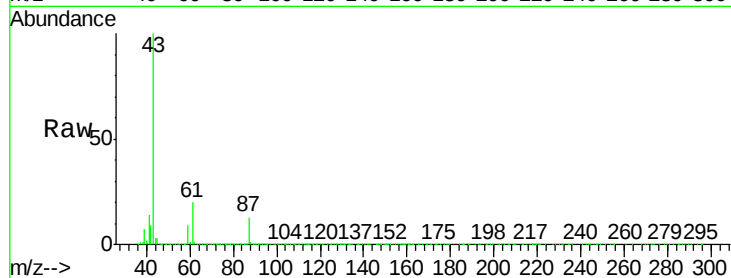
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	683791
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.4	24.6
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 49.942 ug/l

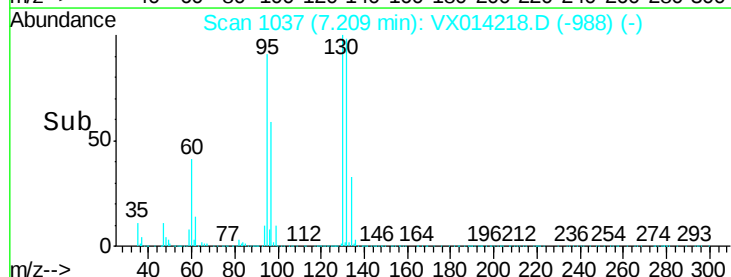
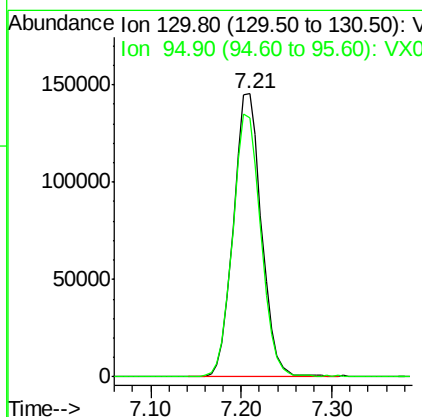
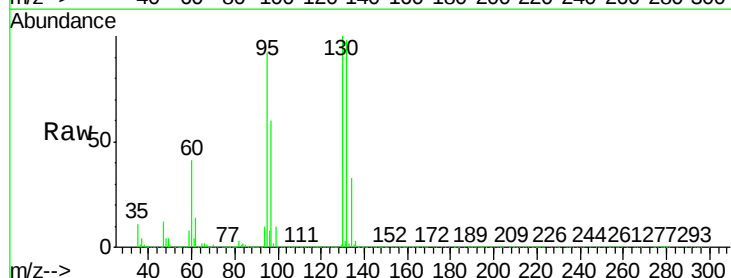
RT: 7.21 min Scan# 1037

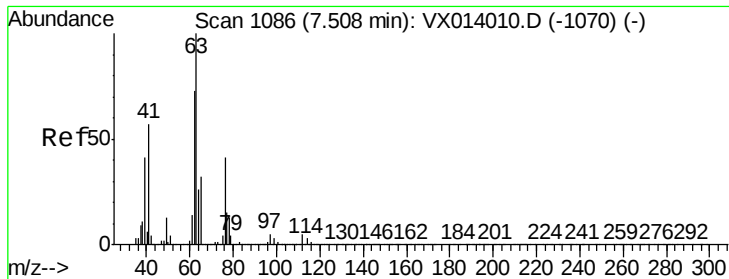
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	130	Resp:	311818
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	185.6





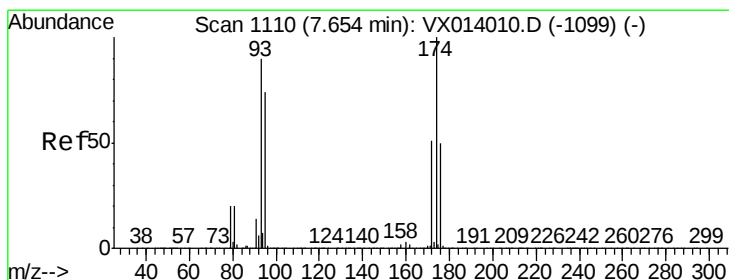
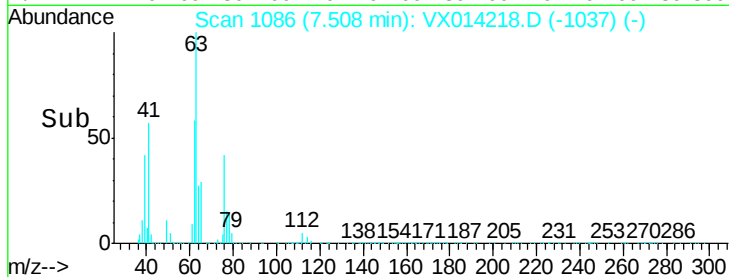
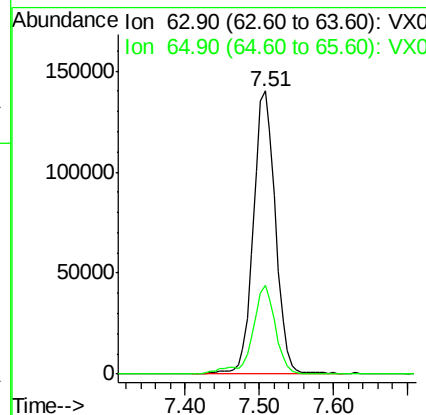
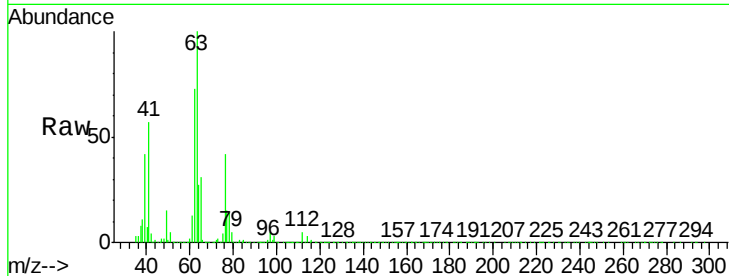
#45
 1,2-Dichloropropane
 Concen: 50.187 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	63	Resp	290771
Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.8	38.8

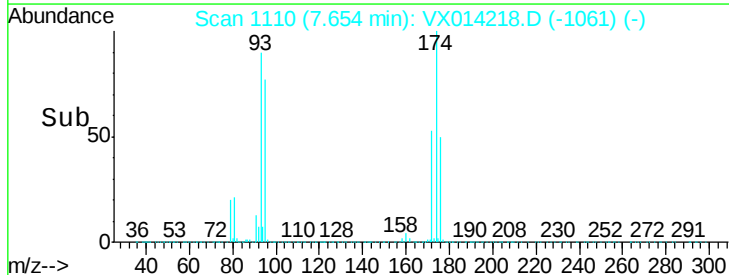
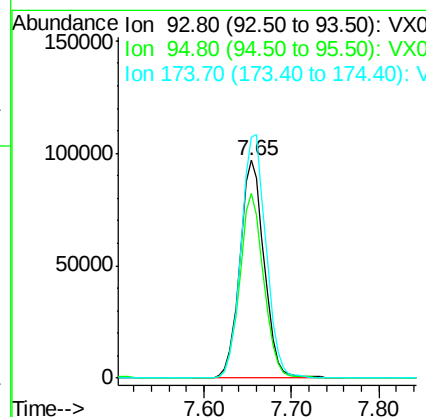
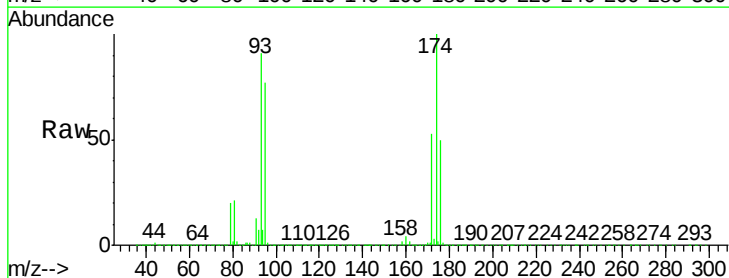
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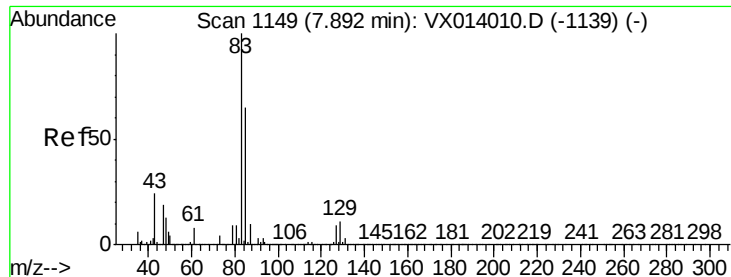
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#46
 Dibromomethane
 Concen: 48.715 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion	93	Resp	186605
Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.3	100.9
174	115.2	91.6	137.4





#47

Bromodichloromethane

Concen: 50.968 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

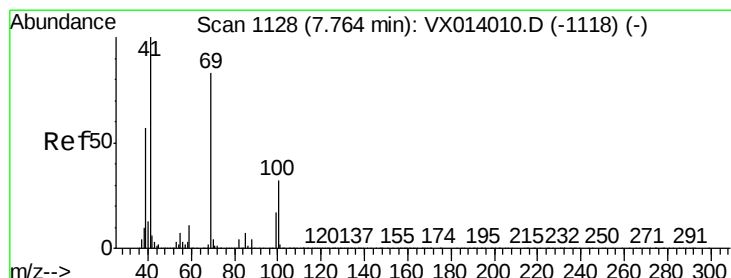
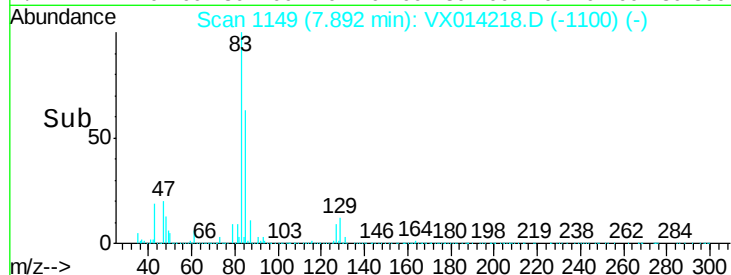
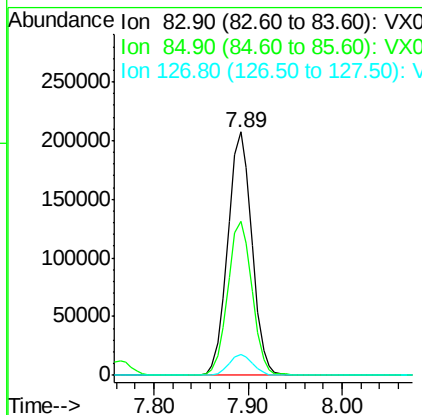
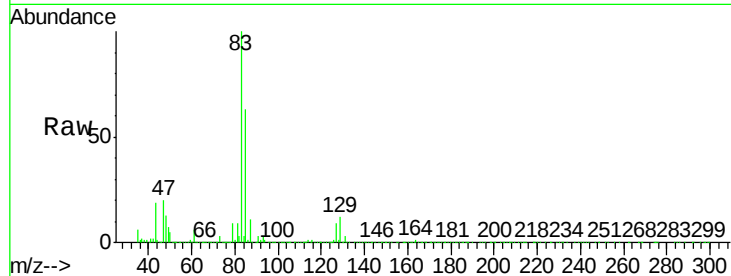
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	367700
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.8	77.8
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.748 ug/l

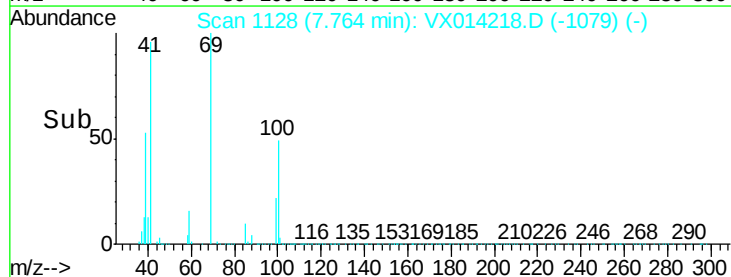
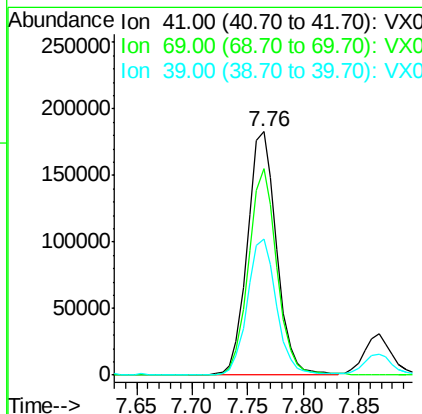
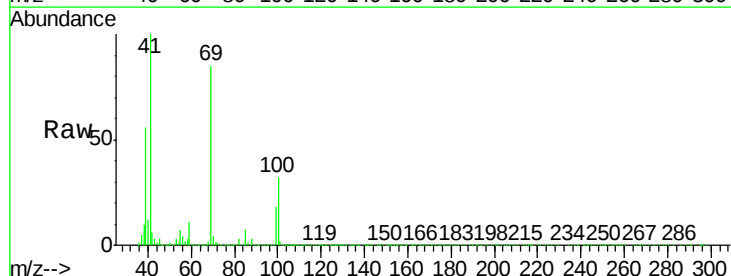
RT: 7.76 min Scan# 1128

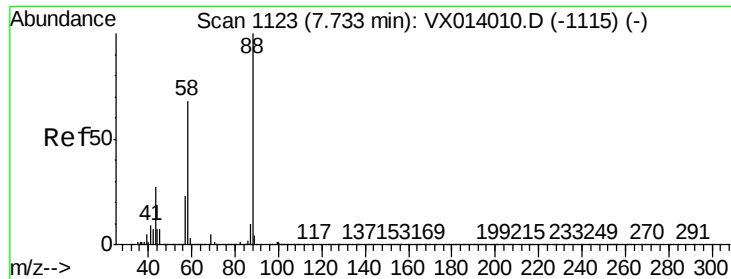
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	41	Resp:	333640
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.8	98.6
39	55.2	44.6	67.0





#49

1,4-Dioxane

Concen: 948.335 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

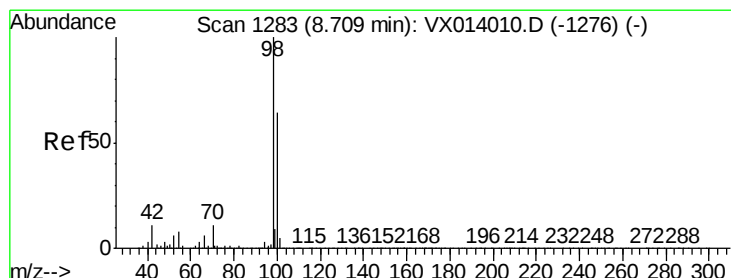
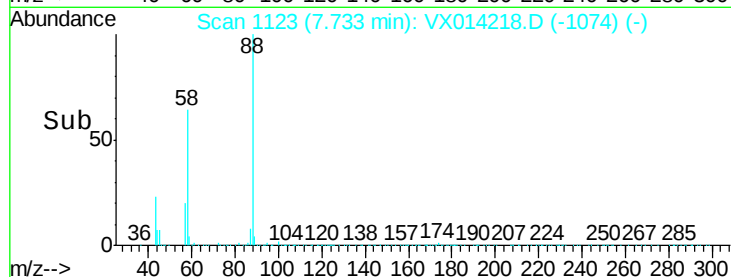
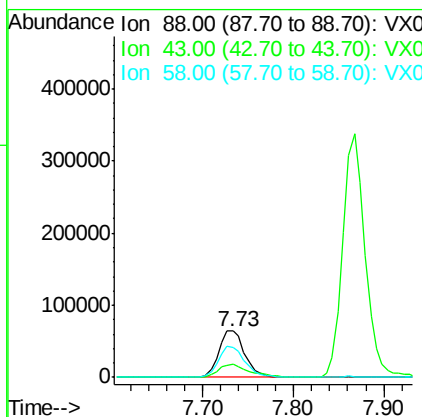
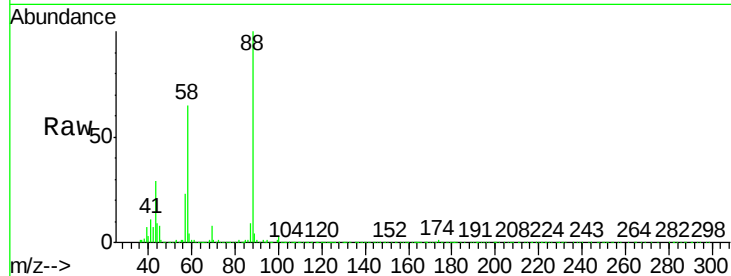
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	126879
Ion Ratio	Lower	Upper	
88	100		
43	32.5	26.5	39.7
58	69.3	56.8	85.2

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#50

Toluene-d8

Concen: 50.060 ug/l

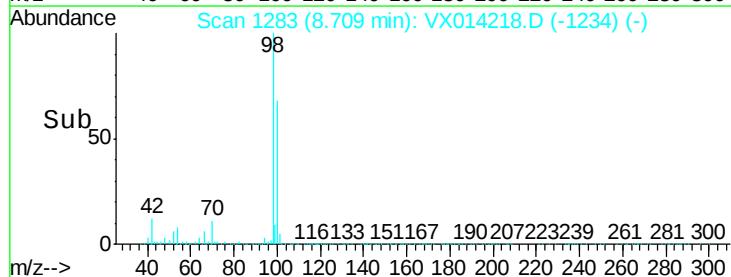
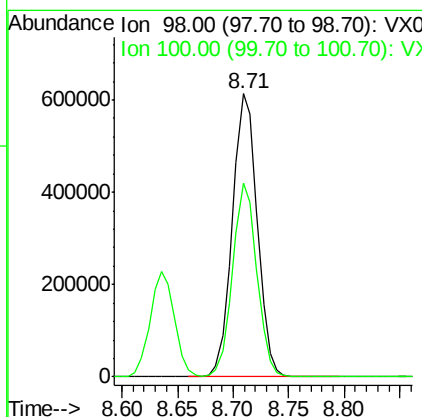
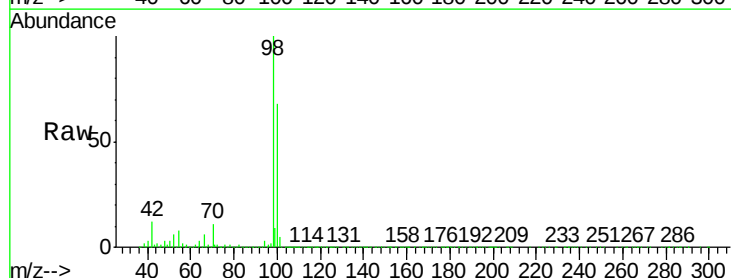
RT: 8.71 min Scan# 1283

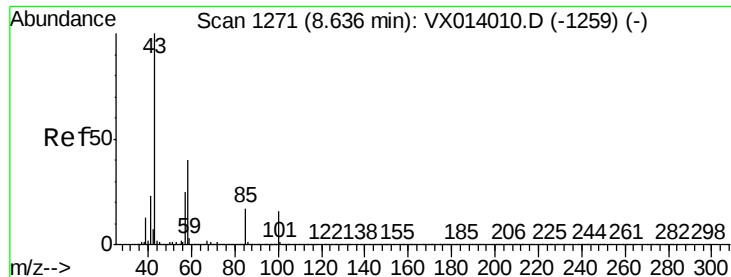
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	98	Resp:	948595
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 253.578 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2138142

Ion Ratio Lower Upper

43 100

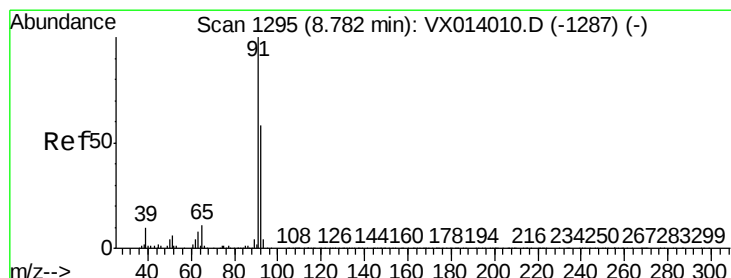
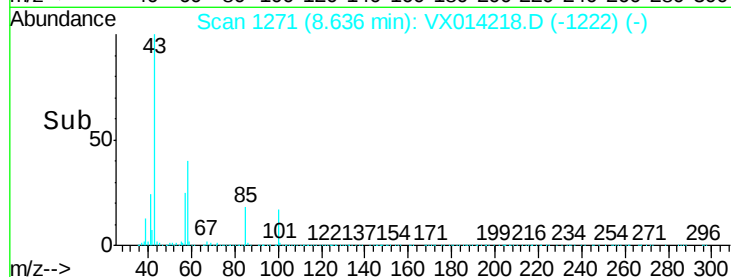
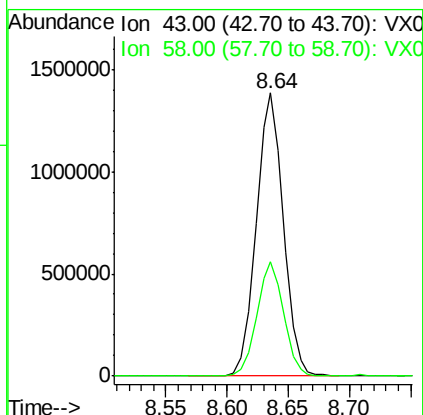
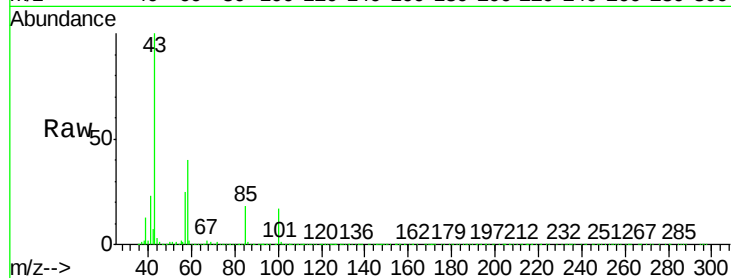
58 40.0 32.2 48.2

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#52

Toluene

Concen: 48.689 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014218.D

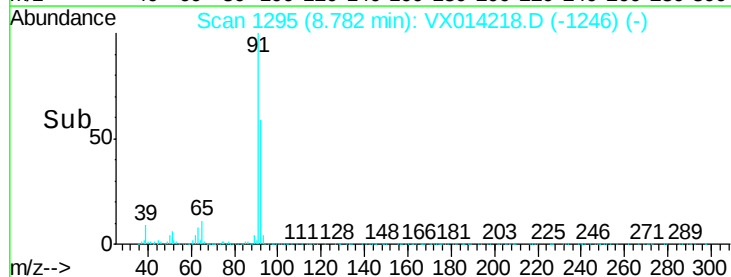
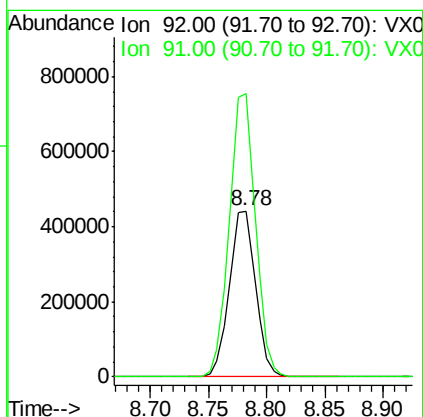
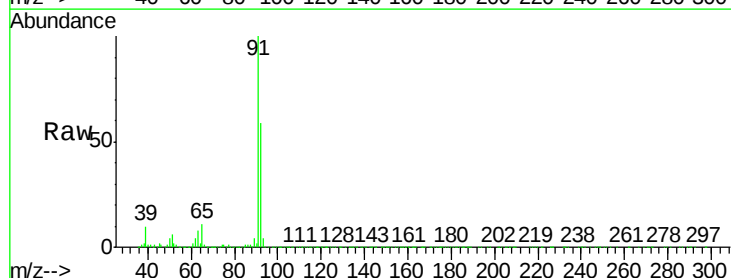
Acq: 23 Dec 2019 21:49

Tgt Ion: 92 Resp: 695650

Ion Ratio Lower Upper

92 100

91 170.4 136.2 204.4





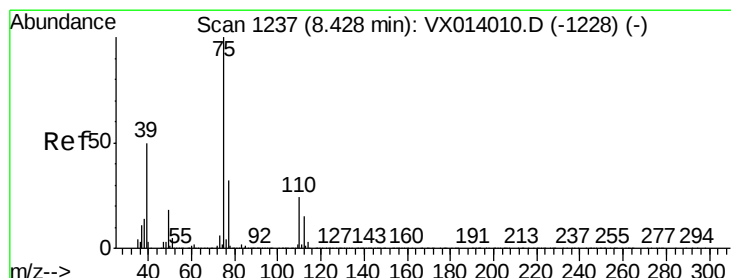
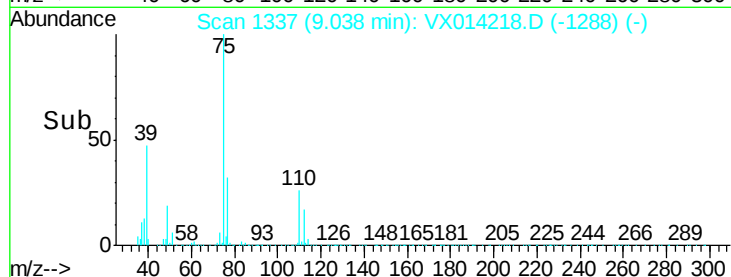
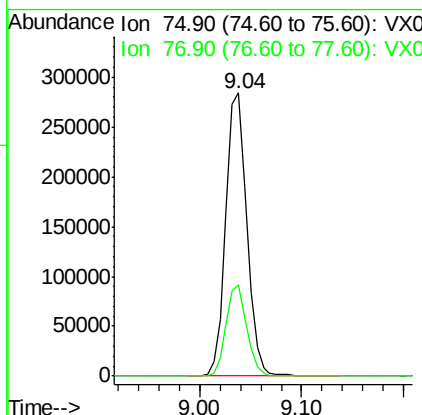
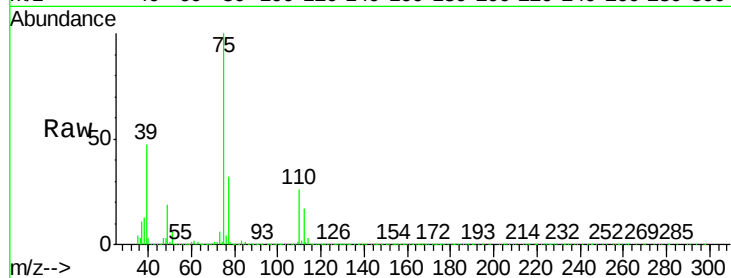
#53
t-1,3-Dichloropropene
Concen: 51.211 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.1	37.7

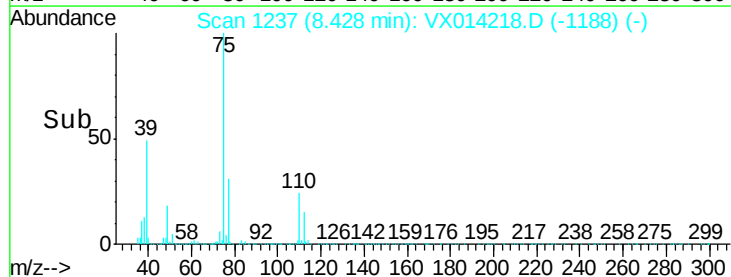
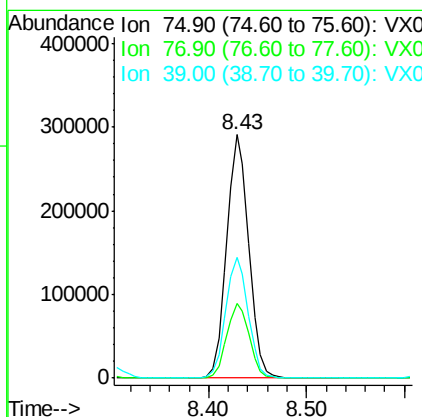
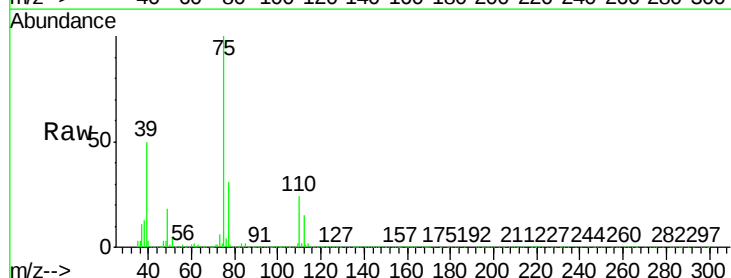
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#54
cis-1,3-Dichloropropene
Concen: 51.545 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9
39	49.6	39.9	59.9





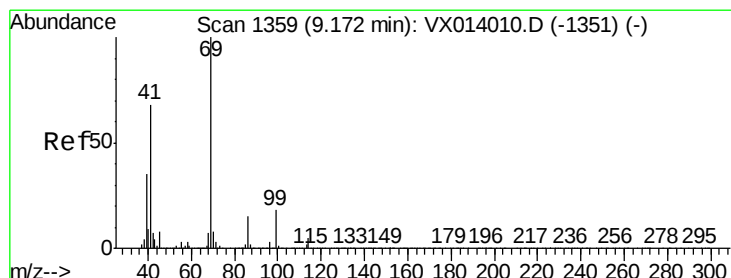
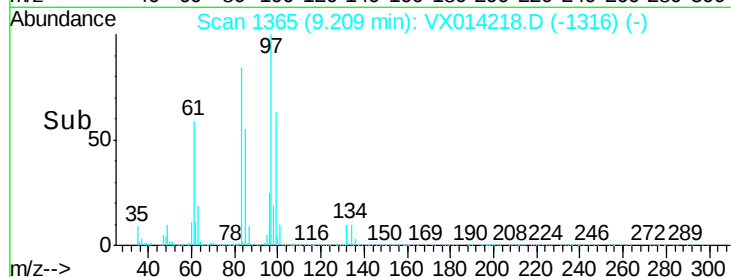
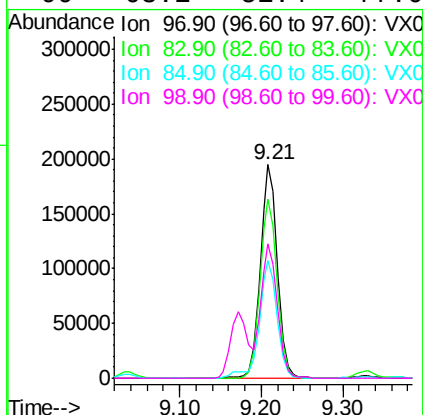
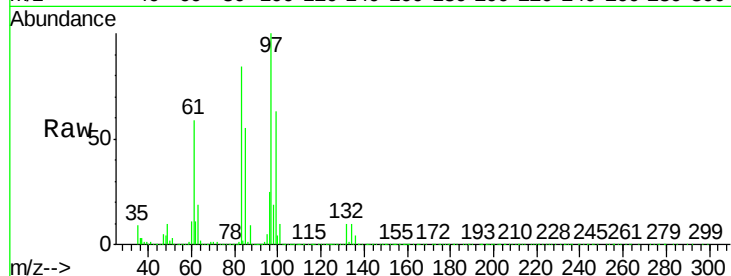
#55
 1,1,2-Trichloroethane
 Concen: 50.302 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		288047		
83	84.1	68.2	102.4		
85	55.2	44.6	66.8		
99	63.1	51.4	77.0		

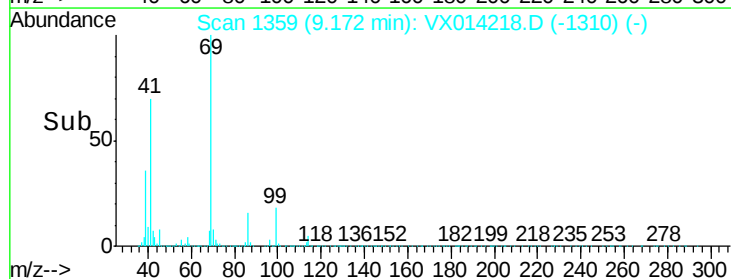
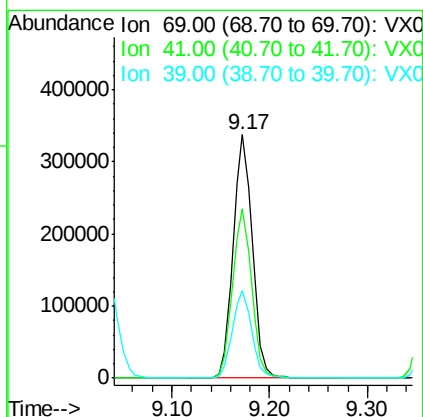
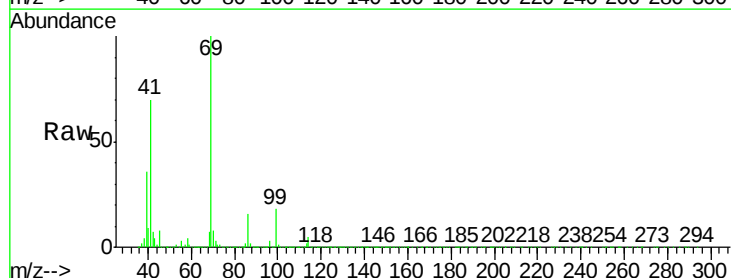
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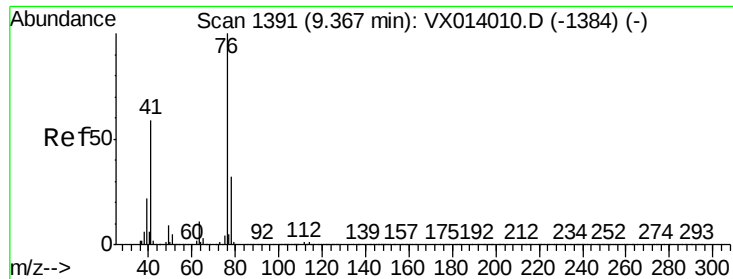
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#56
 Ethyl methacrylate
 Concen: 51.258 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		461074		
41	68.8	54.8	82.2		
39	35.9	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 50.028 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 482003

Ion Ratio Lower Upper

76 100

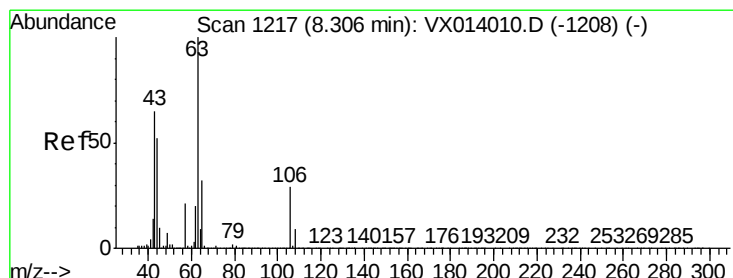
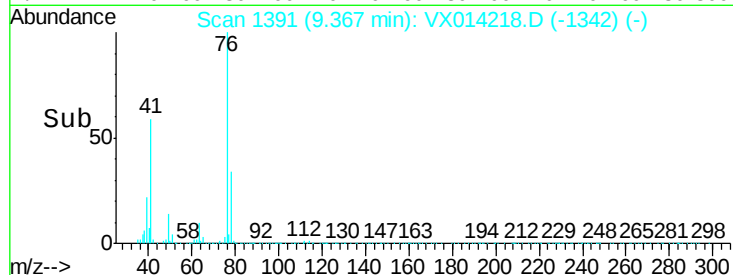
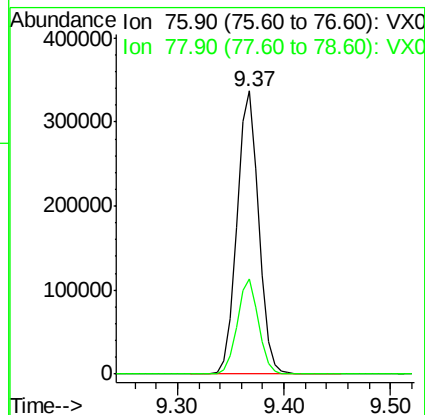
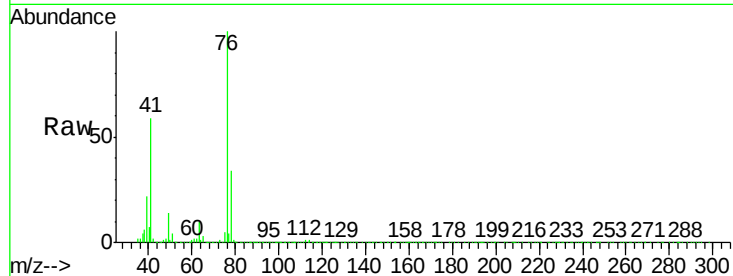
78 32.9 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 264.521 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014218.D

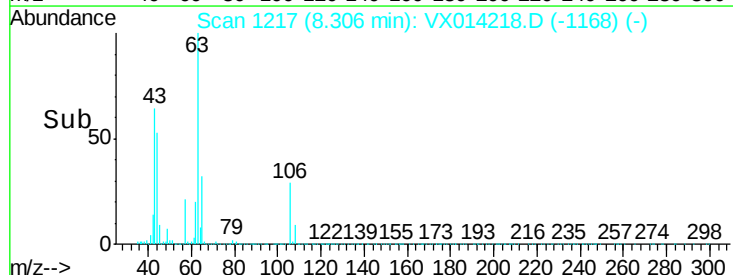
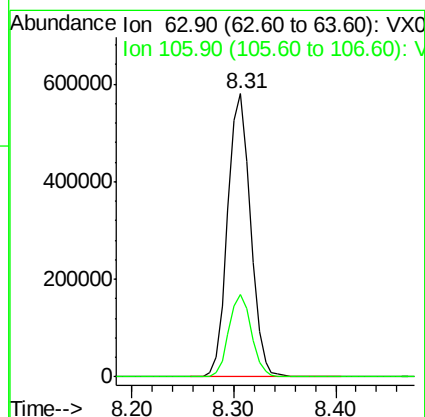
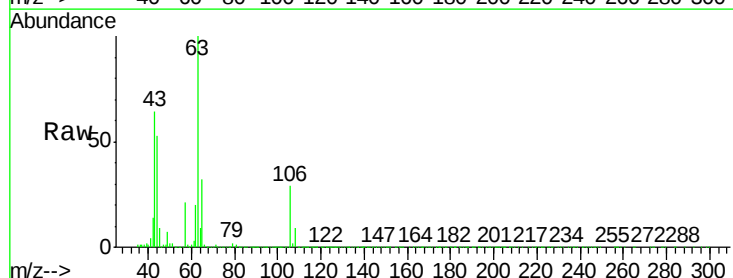
Acq: 23 Dec 2019 21:49

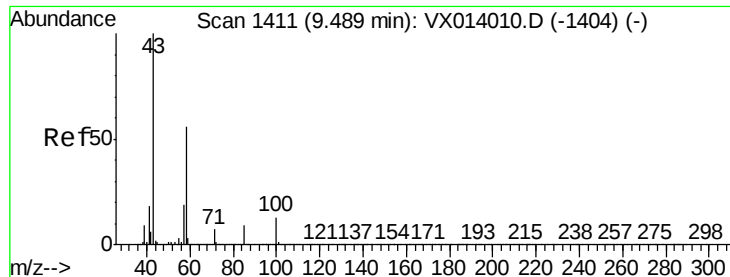
Tgt Ion: 63 Resp: 900457

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.6





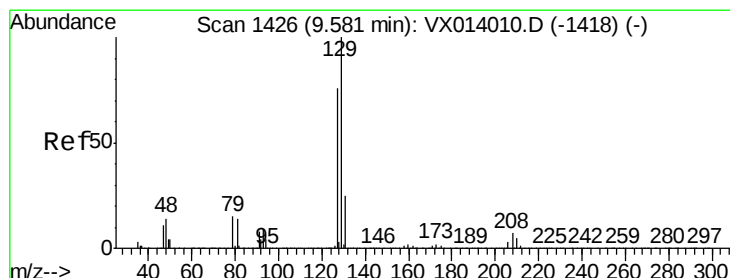
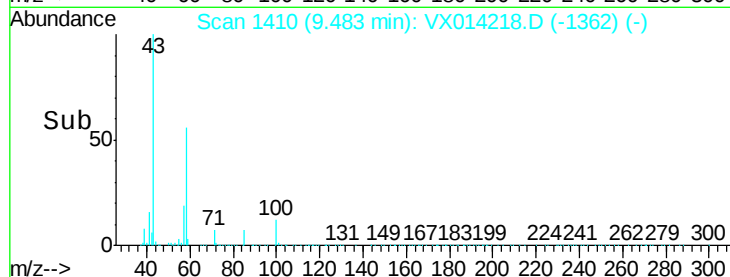
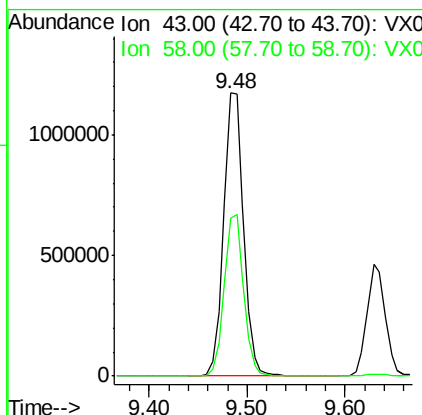
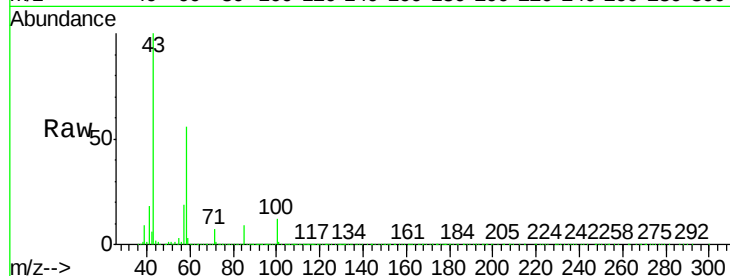
#59
2-Hexanone
Concen: 243.476 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1652641
Ion Ratio Lower Upper
43 100
58 56.1 28.0 84.0

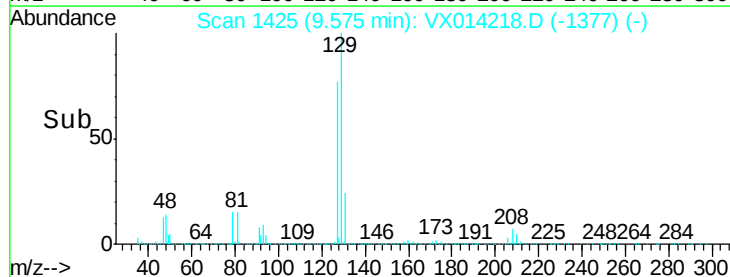
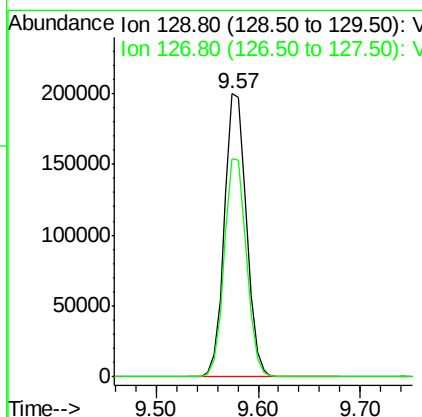
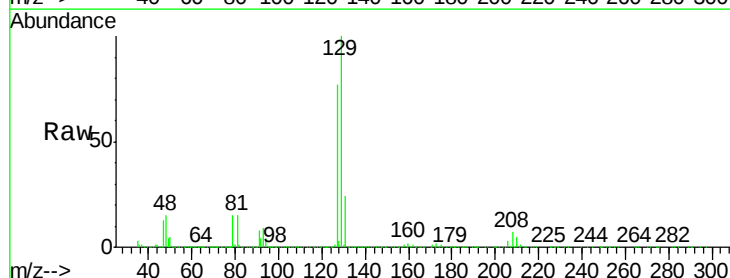
Manual Integrations
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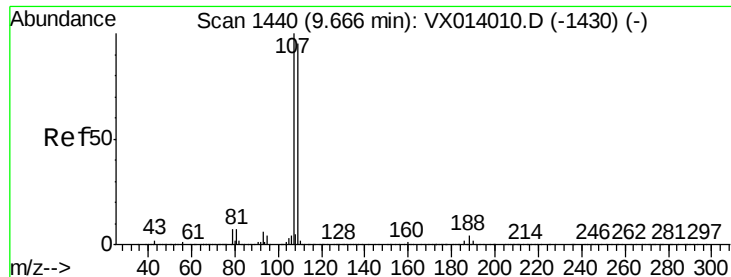
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#60
Dibromochloromethane
Concen: 52.278 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 129 Resp: 297567
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.106 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 299429

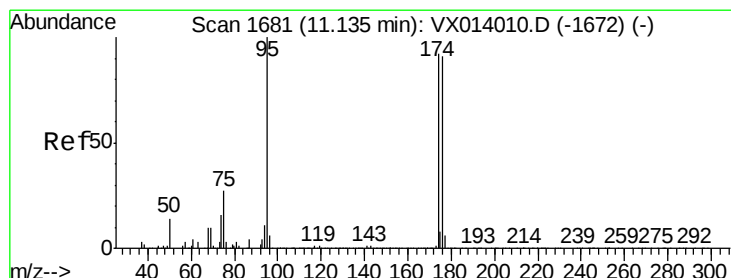
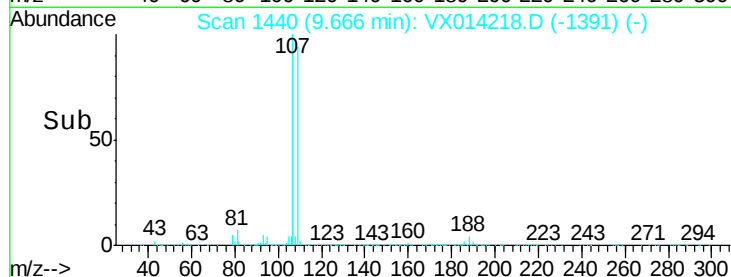
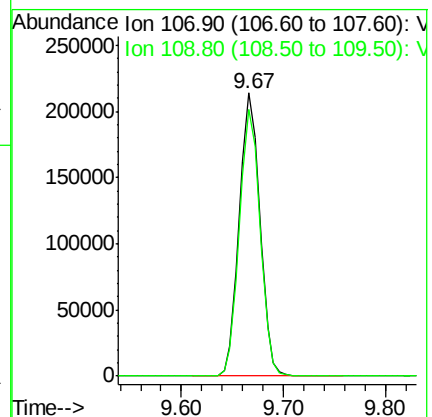
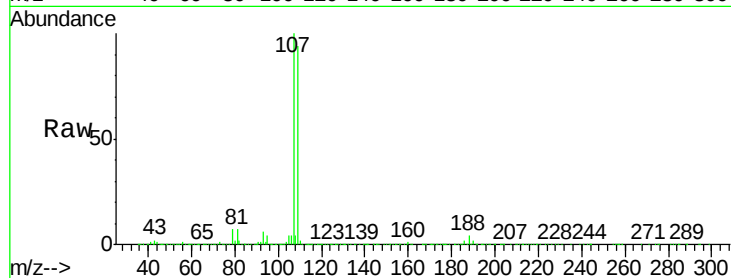
Ion Ratio Lower Upper

107 100

109 93.8 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.769 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

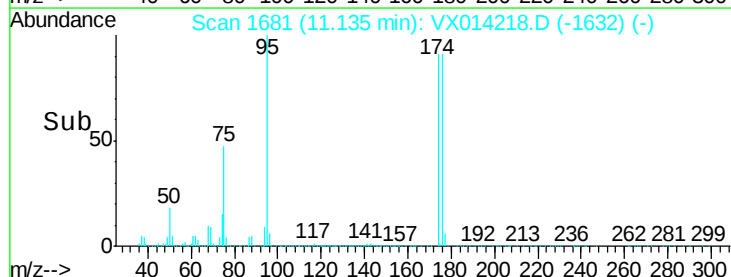
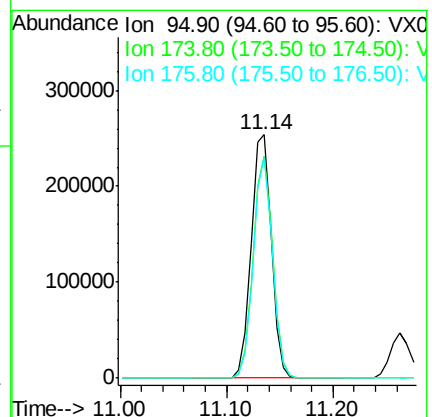
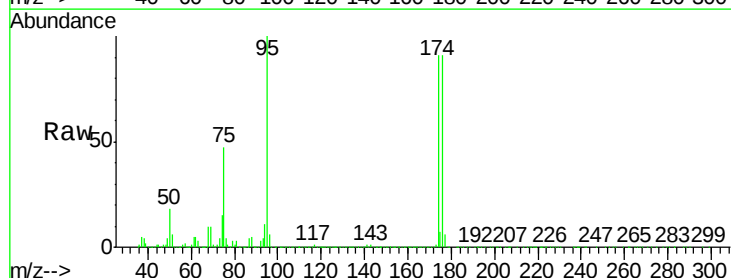
Tgt Ion: 95 Resp: 337815

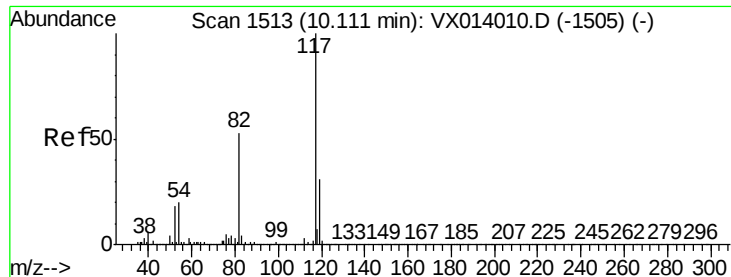
Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.8

176 86.2 0.0 173.0





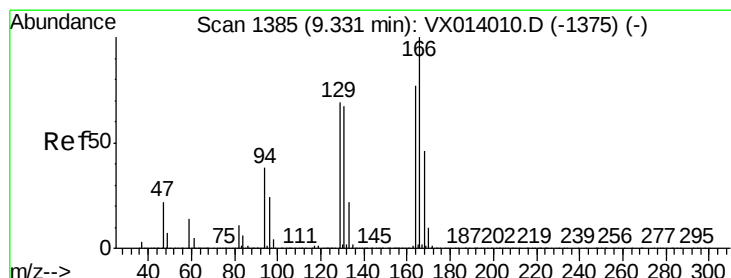
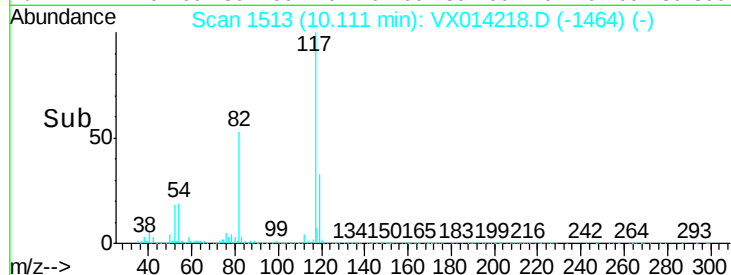
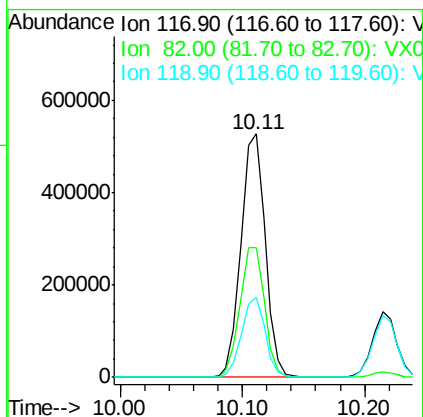
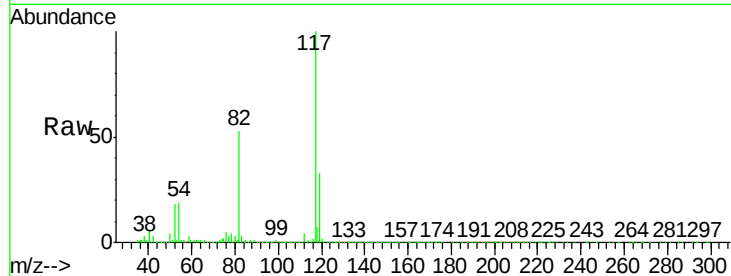
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.9	25.1	37.7

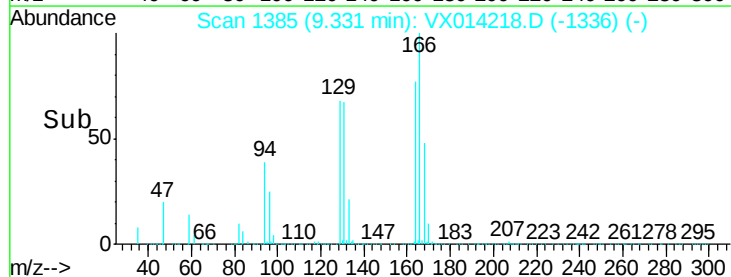
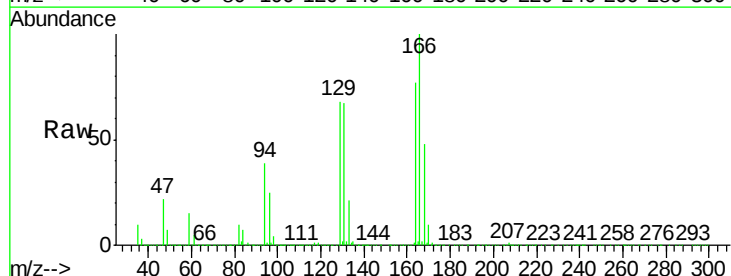
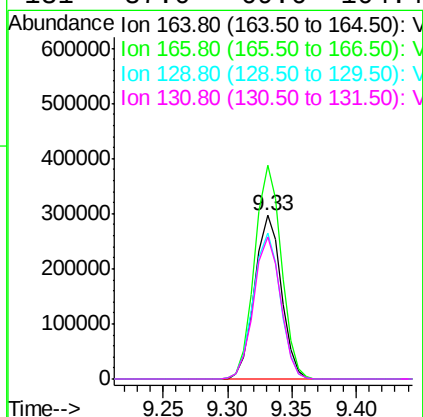
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#64
Tetrachloroethene
Concen: 66.400 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	104.0	156.0
129	89.0	72.2	108.4
131	87.0	69.6	104.4





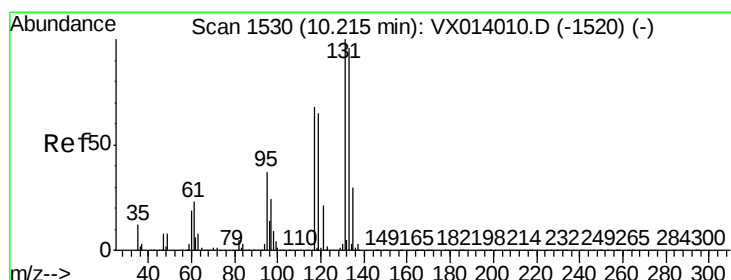
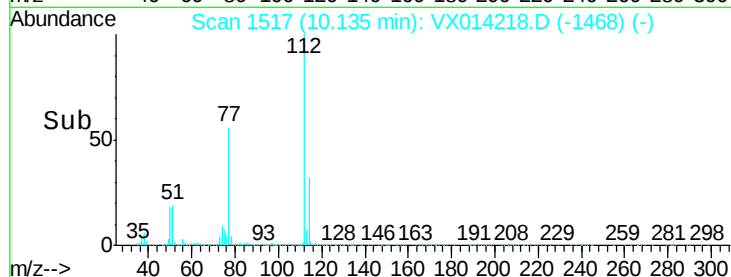
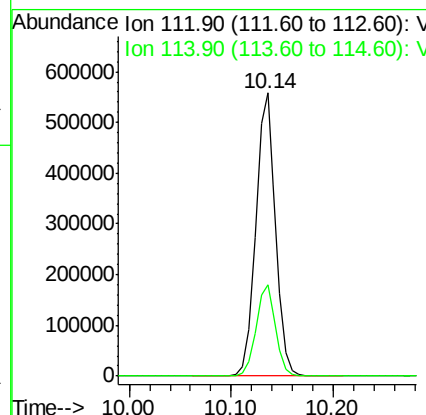
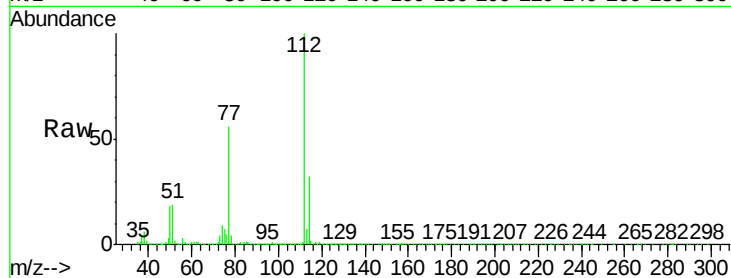
#65
Chlorobenzene
Concen: 48.857 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	24.9	37.3

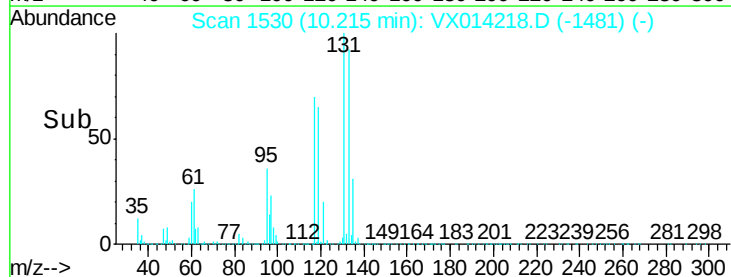
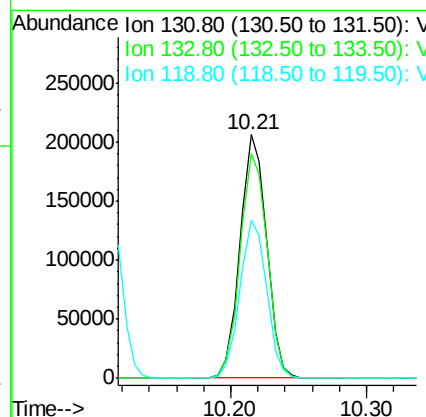
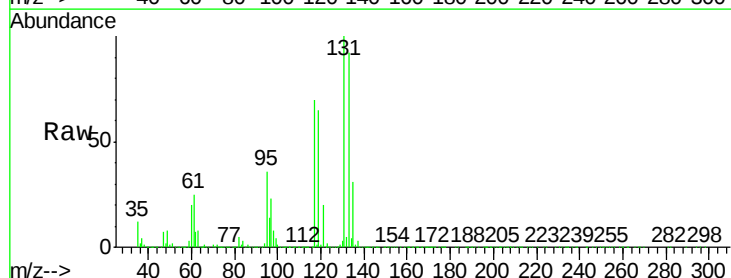
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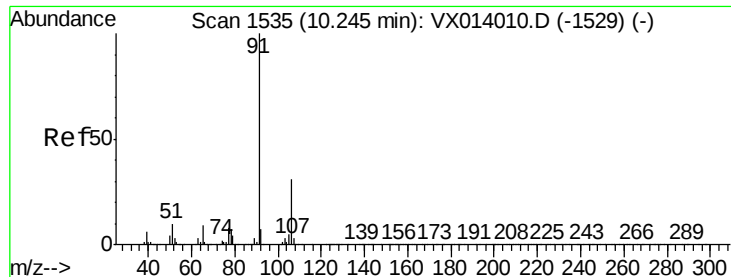
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.978 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.0	144.0
119	65.6	33.4	100.2





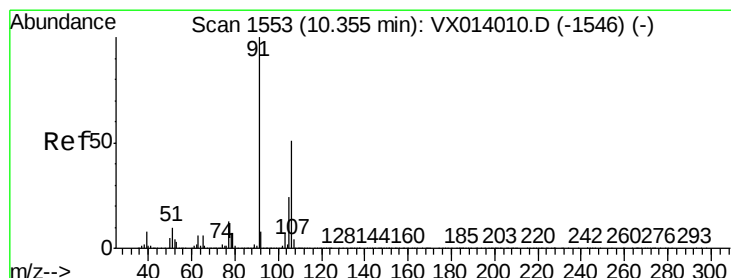
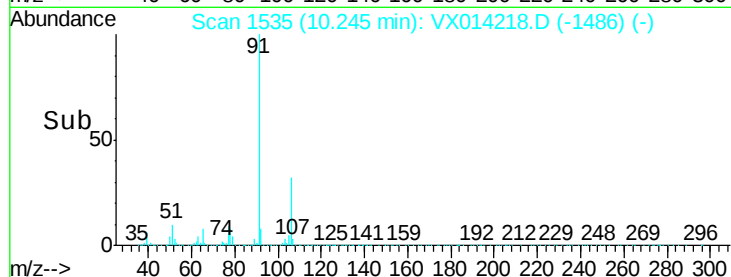
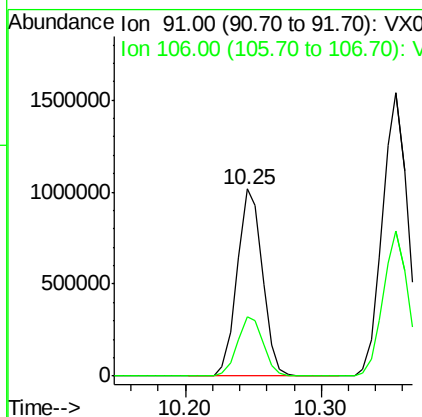
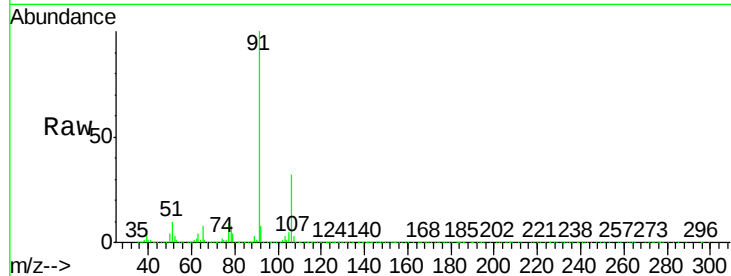
#67
Ethyl Benzene
Concen: 49.826 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1315242
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

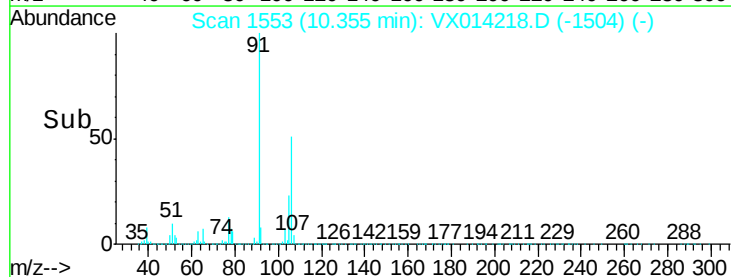
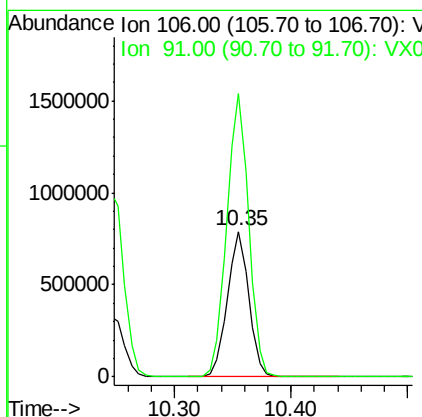
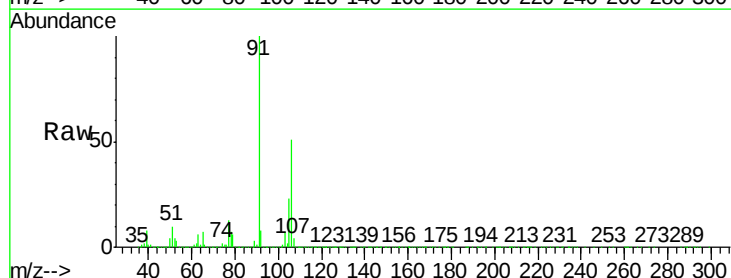
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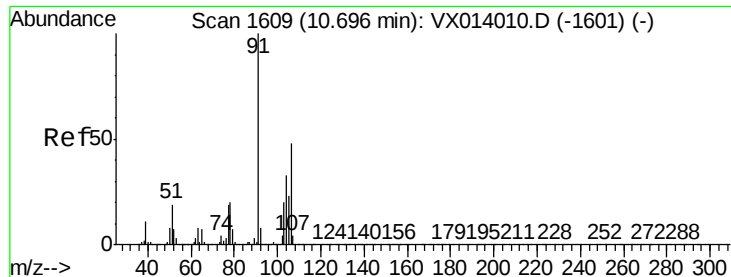
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#68
m/p-Xylenes
Concen: 99.306 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 106 Resp: 1008203
Ion Ratio Lower Upper
106 100
91 199.1 158.6 238.0





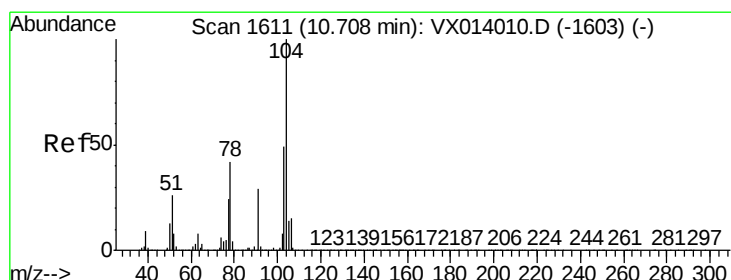
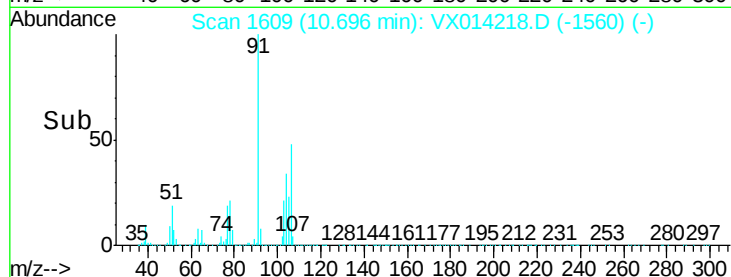
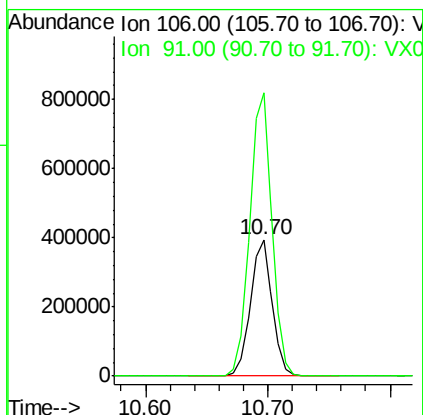
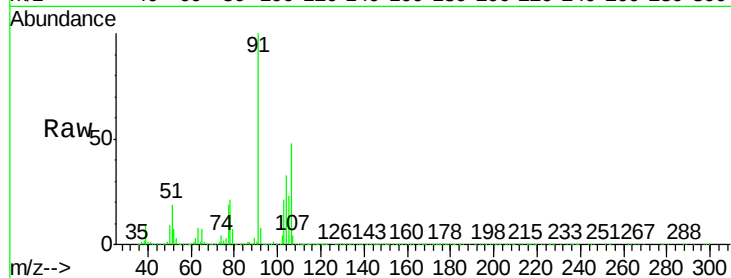
#69
o-Xylene
Concen: 49.272 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	104.2	312.6

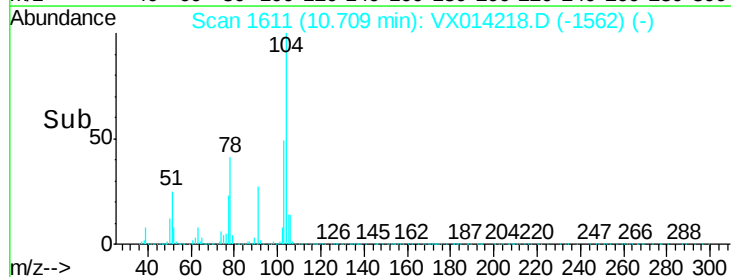
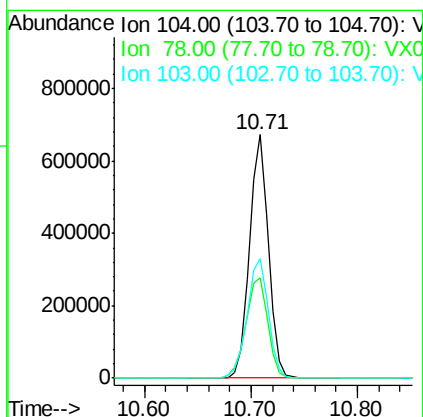
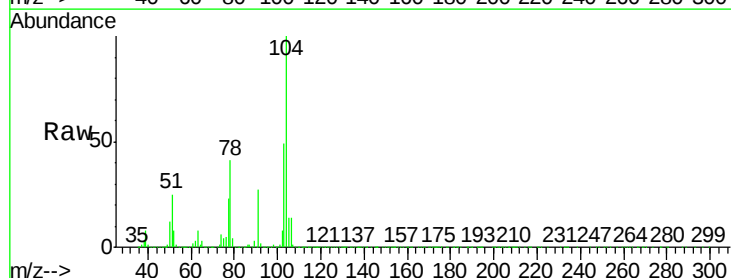
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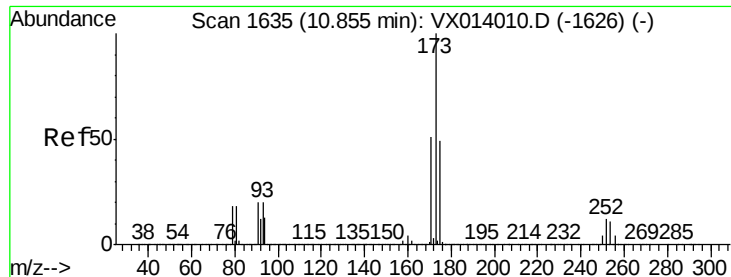
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#70
Styrene
Concen: 50.066 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.5	57.7
103	54.7	42.9	64.3





#71

Bromoform

Concen: 52.830 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

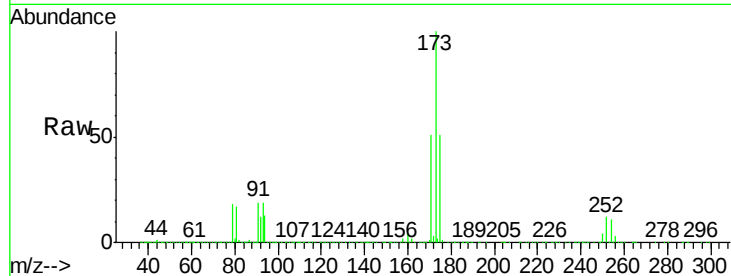
ClientSampleId :

VSTDCCC050

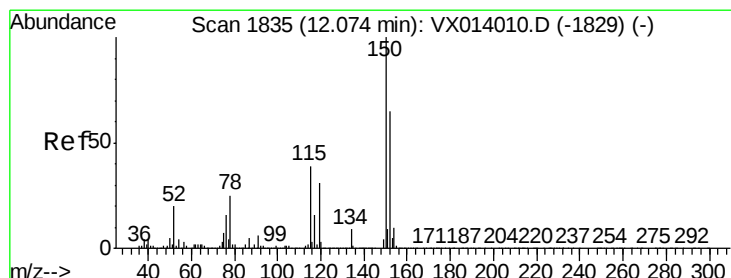
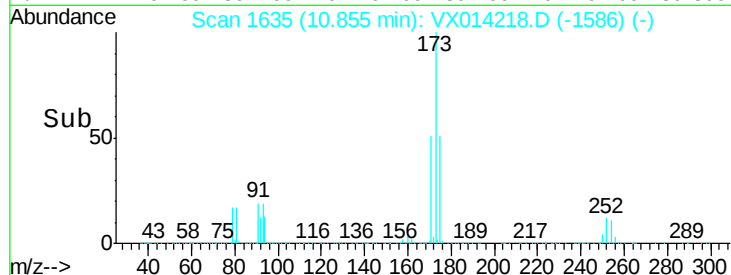
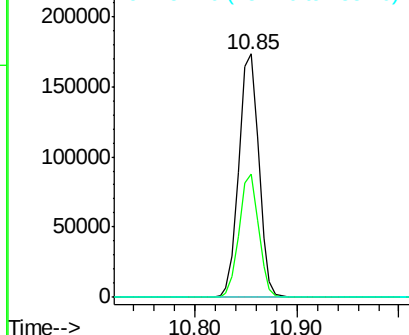
Tot Ion:	173	Resp:	232807
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.4	73.4
254	0.3	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

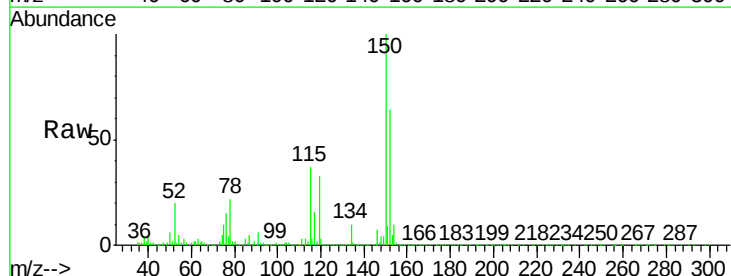
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

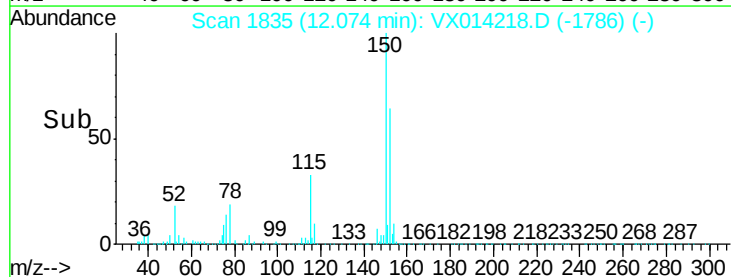
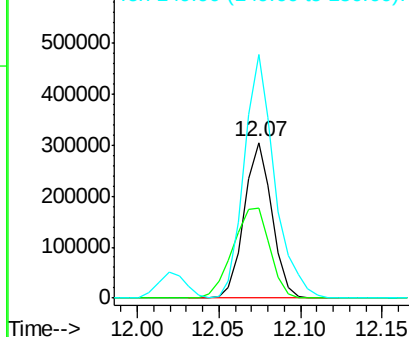
Lab File: VX014218.D

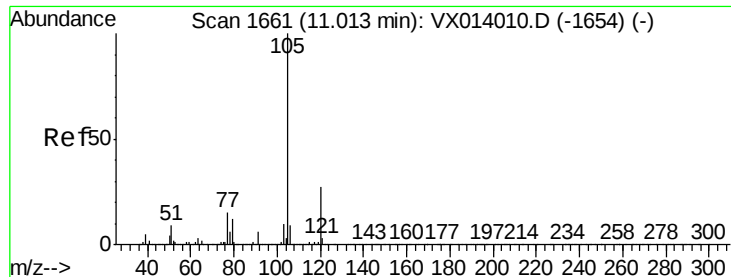
Acq: 23 Dec 2019 21:49

Tgt Ion:	152	Resp:	362919
Ion Ratio	Lower	Upper	
152	100		
115	77.2	38.3	114.9
150	171.6	0.0	345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.463 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1289435

Ion Ratio Lower Upper

105 100

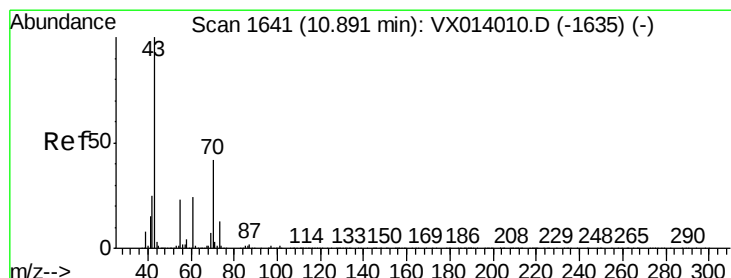
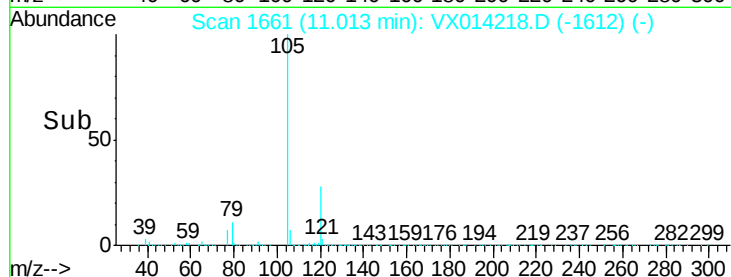
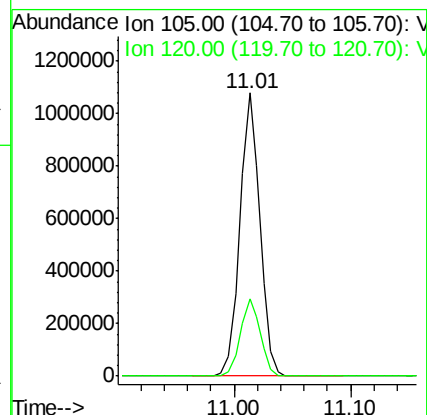
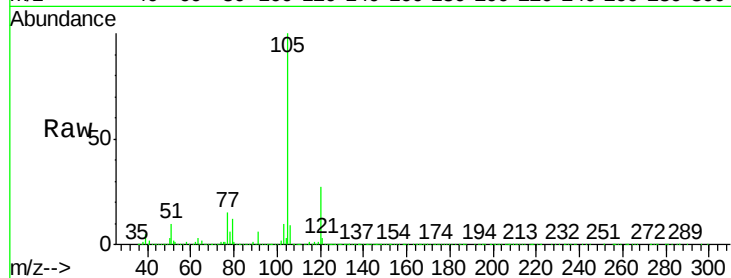
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.218 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion: 43 Resp: 589507

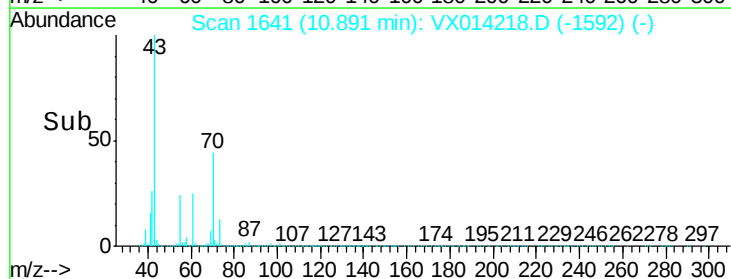
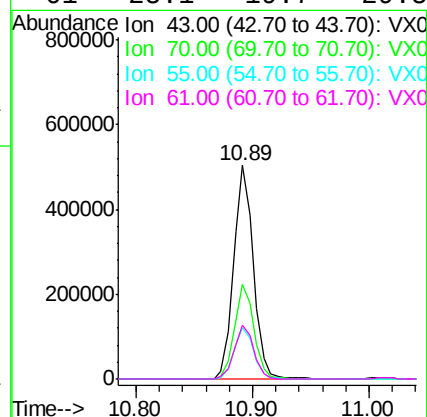
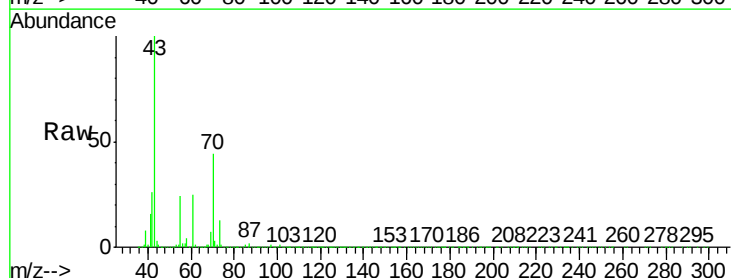
Ion Ratio Lower Upper

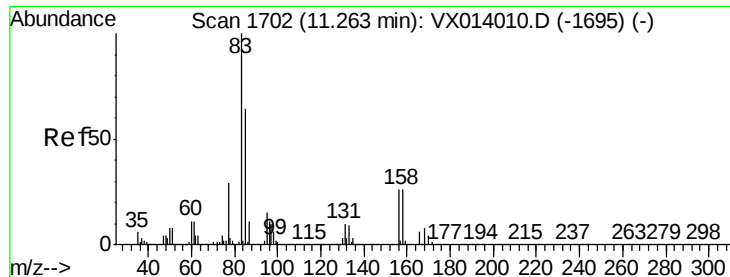
43 100

70 44.2 34.4 51.6

55 24.2 19.1 28.7

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.444 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

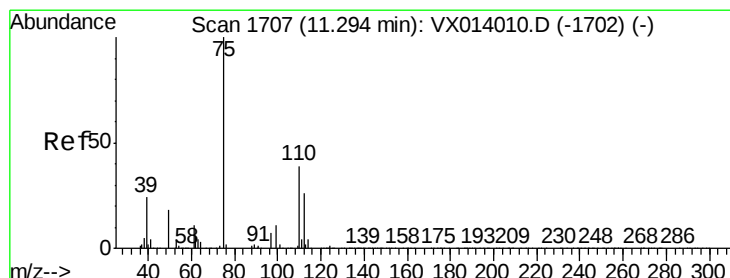
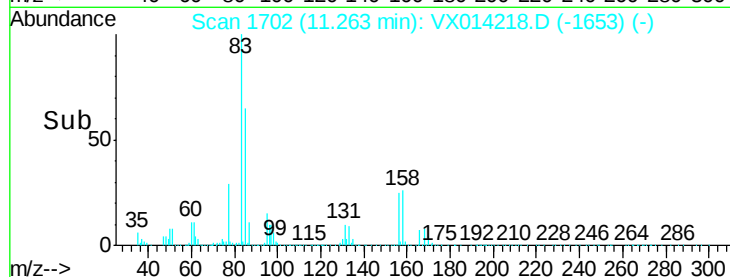
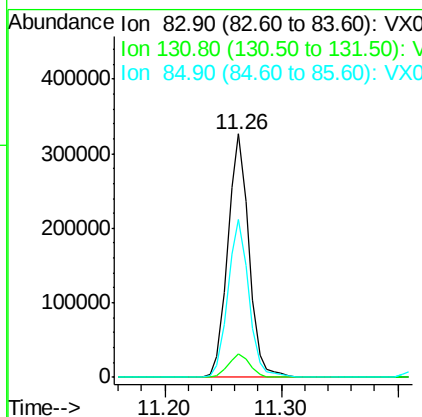
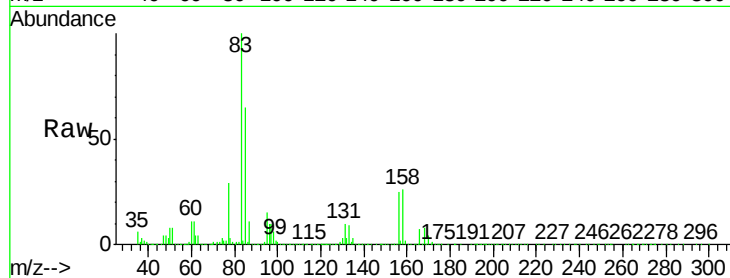
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	411432
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.473 ug/l m

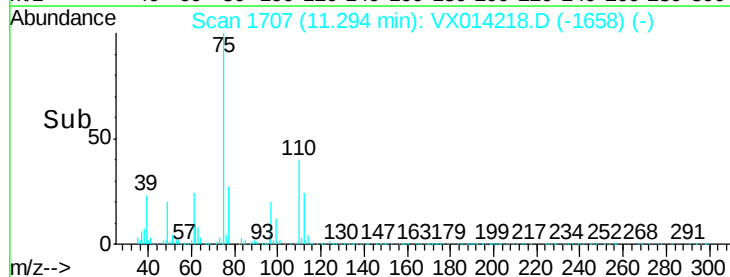
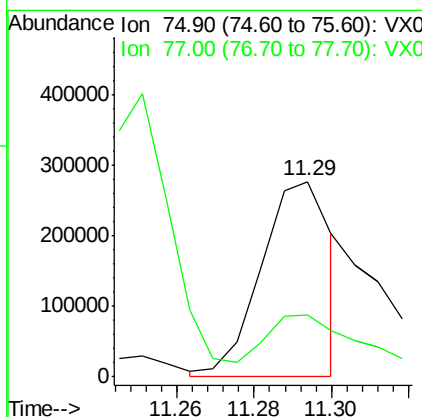
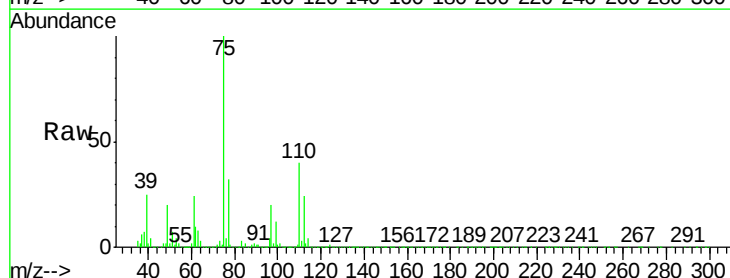
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	75	Resp:	350395
Ion Ratio	Lower	Upper	
75	100		
77	43.8	19.3	57.8





#77

Bromobenzene

Concen: 47.689 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

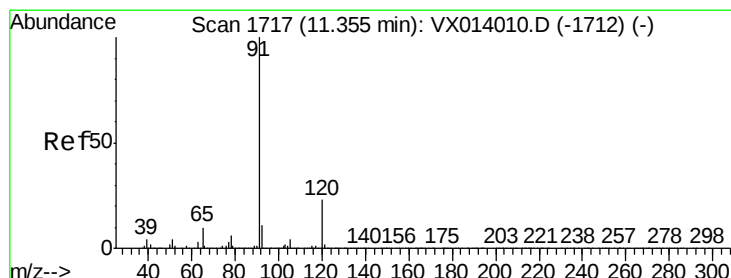
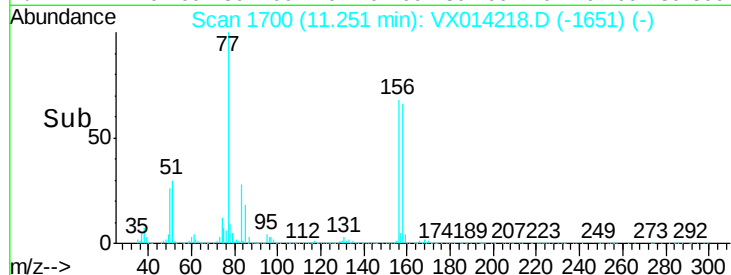
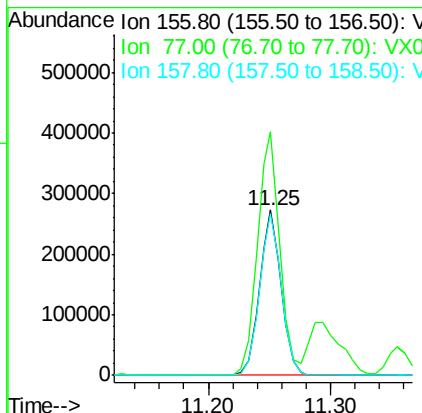
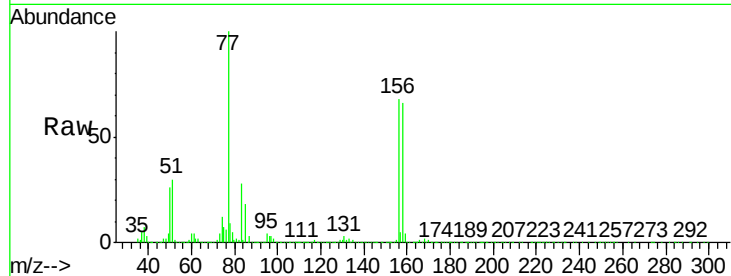
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	335268
Ion Ratio	Lower	Upper	
156	100		
77	153.1	76.5	229.5
158	98.7	49.3	147.9

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#78

n-propylbenzene

Concen: 51.438 ug/l

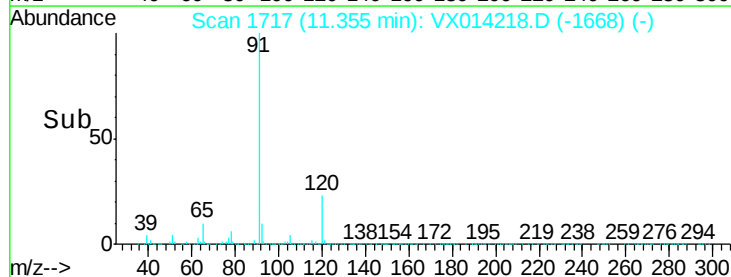
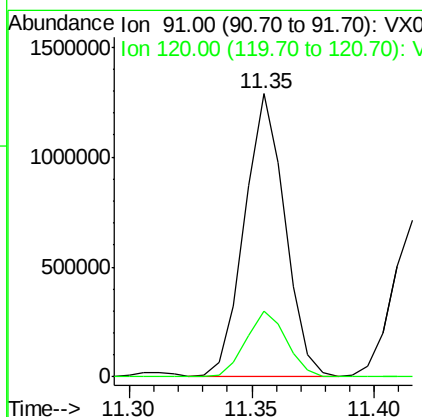
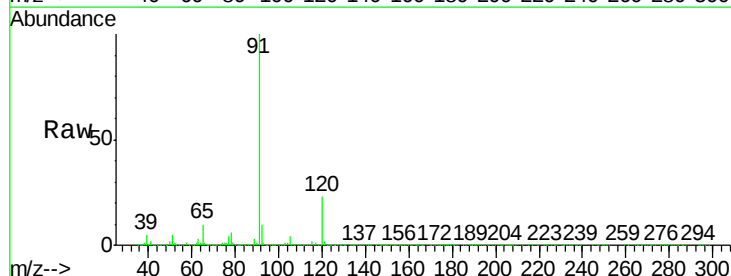
RT: 11.35 min Scan# 1717

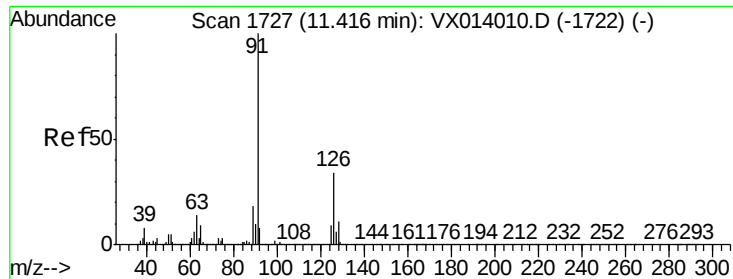
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	91	Resp:	1474272
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





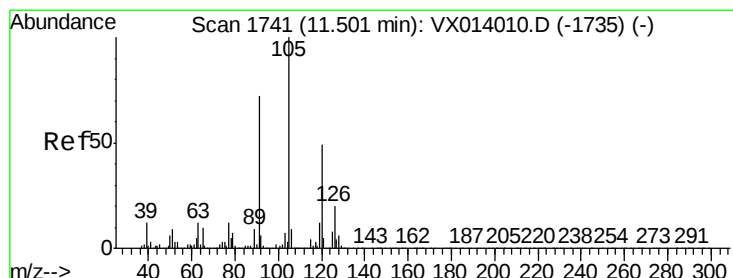
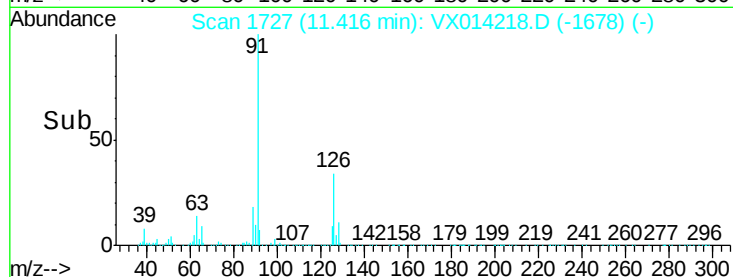
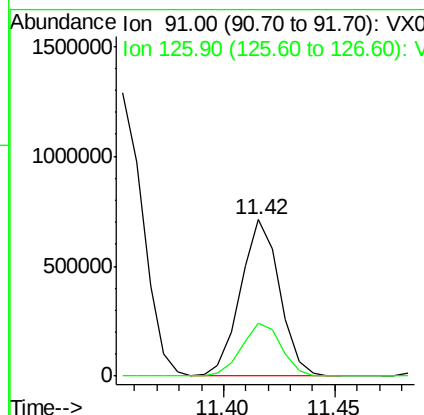
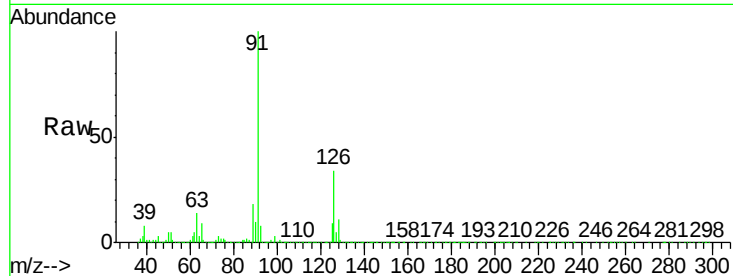
#79
2-Chlorotoluene
Concen: 49.965 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 870521
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

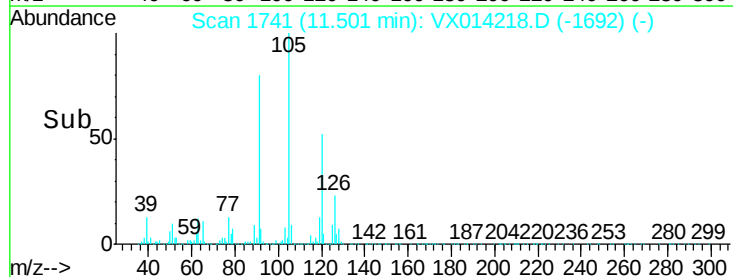
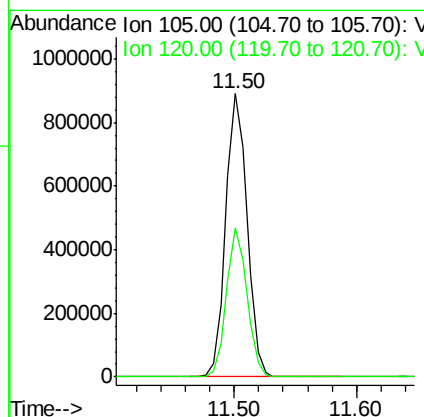
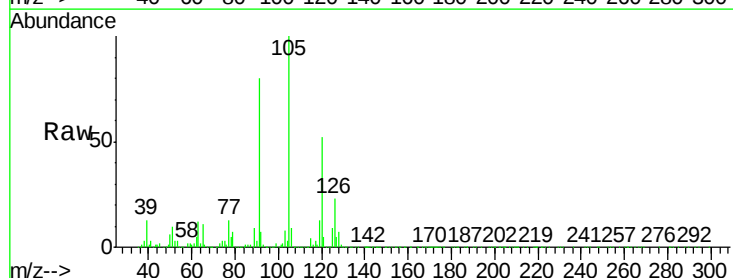
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#80
1,3,5-Trimethylbenzene
Concen: 49.947 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion: 105 Resp: 1074109
Ion Ratio Lower Upper
105 100
120 50.7 25.3 75.8





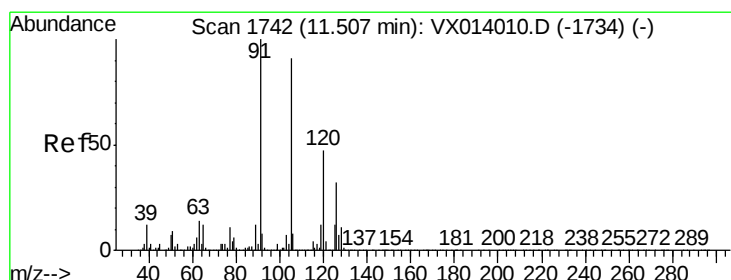
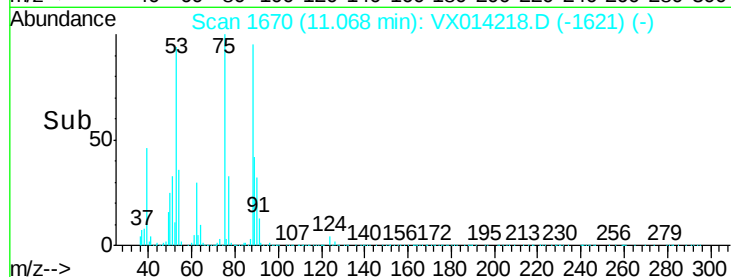
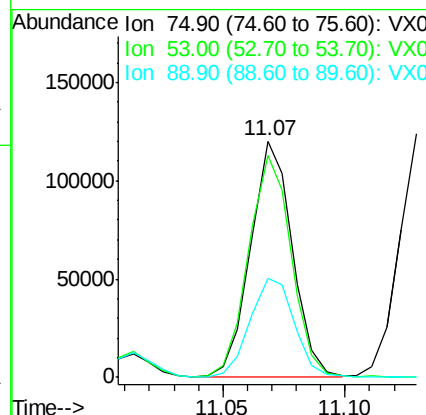
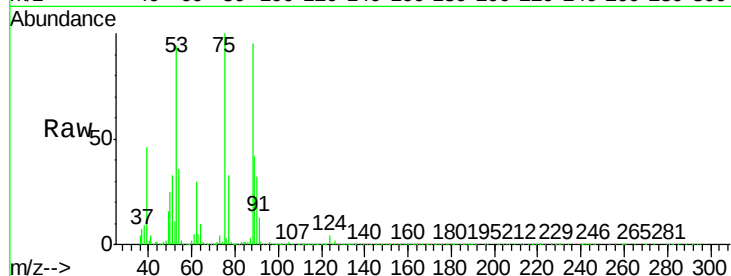
#81
trans-1,4-Dichloro-2-butene
Concen: 50.675 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	76.7	115.1
89	45.3	34.6	51.8

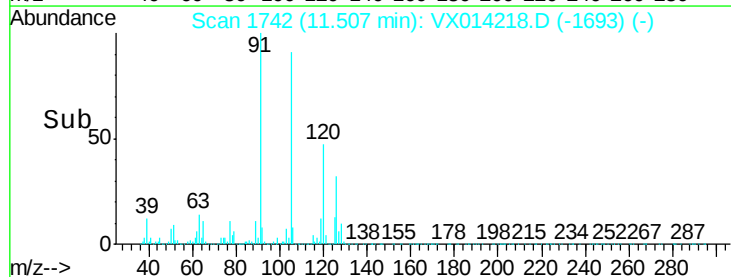
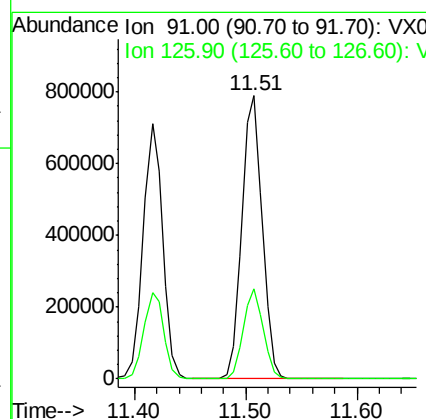
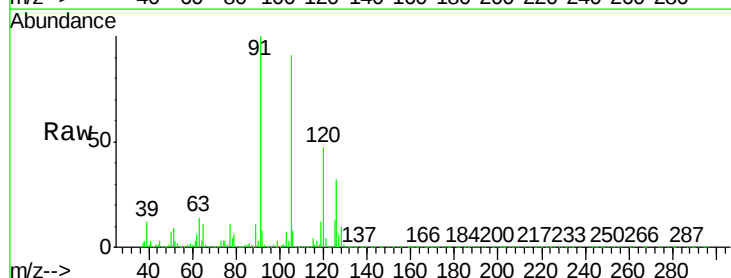
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#82
4-Chlorotoluene
Concen: 49.393 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





#83

tert-Butylbenzene

Concen: 44.093 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

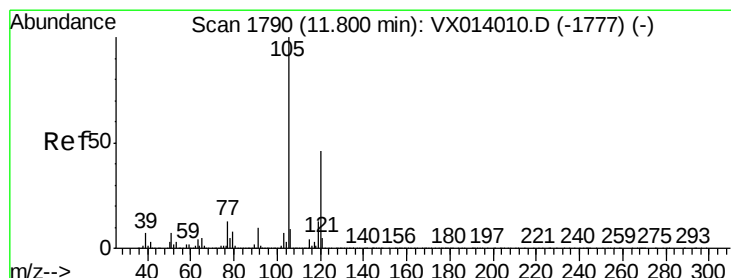
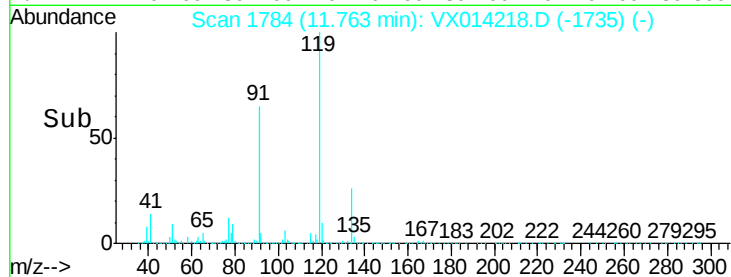
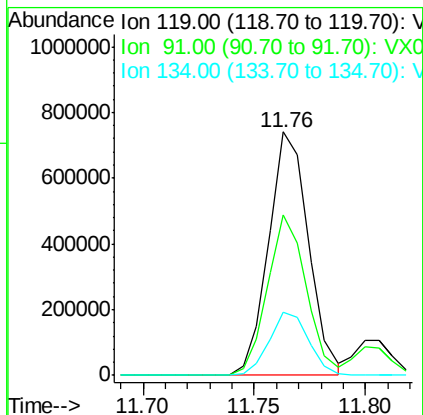
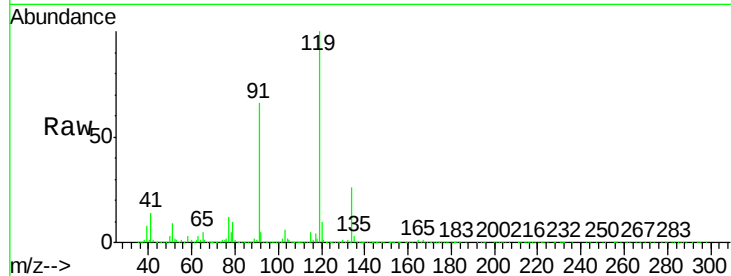
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		922770		
91	63.8	28.5	85.6		
134	25.8	12.2	36.6		

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#84

1,2,4-Trimethylbenzene

Concen: 50.599 ug/l

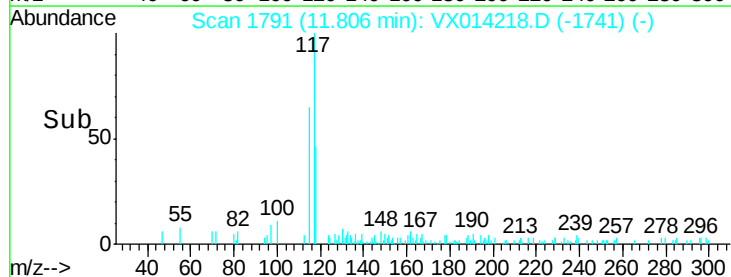
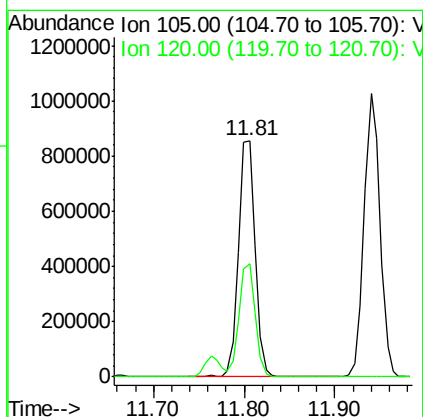
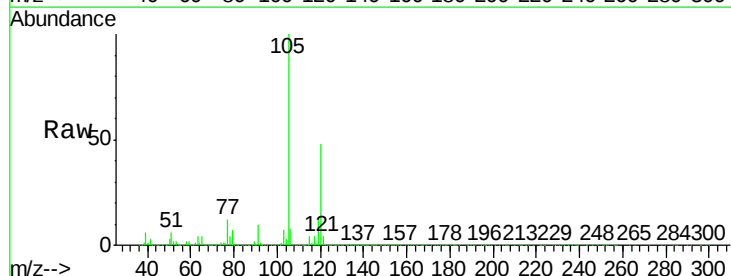
RT: 11.81 min Scan# 1791

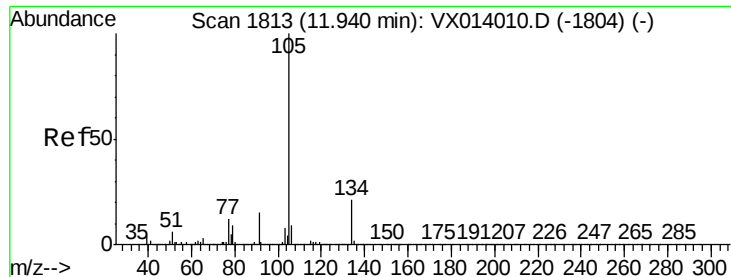
Delta R.T. 0.01 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1089705		
120	46.2	23.1	69.2		





#85

sec-Butylbenzene

Concen: 50.665 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1251728

Ion Ratio Lower Upper

105 100

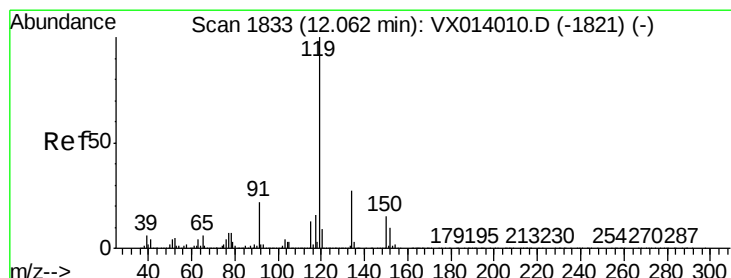
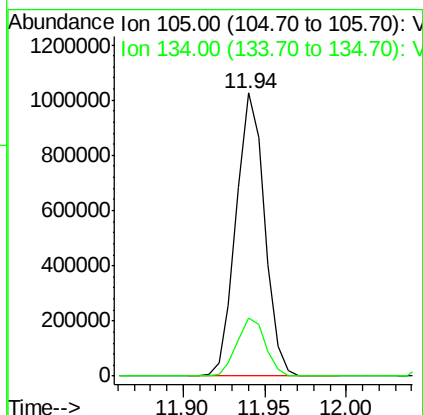
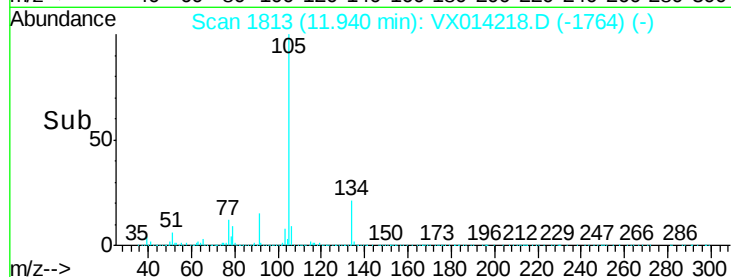
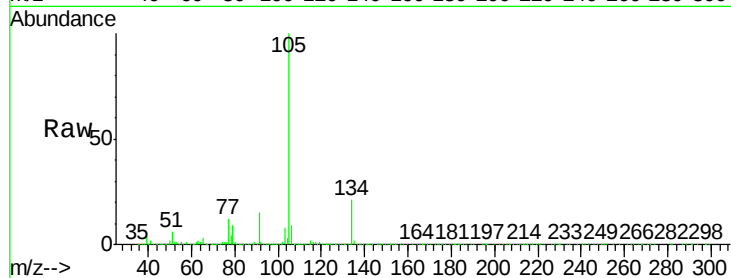
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.772 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

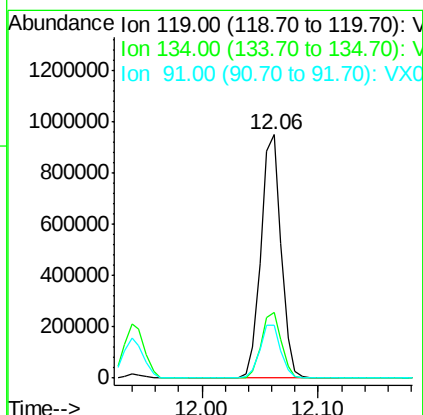
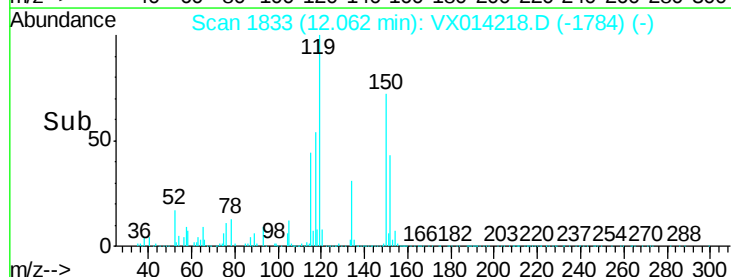
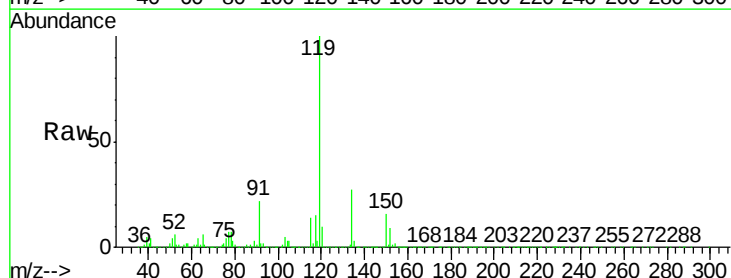
Tgt Ion:119 Resp: 1147405

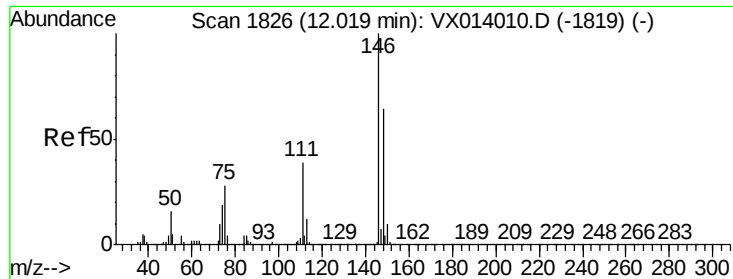
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.327 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

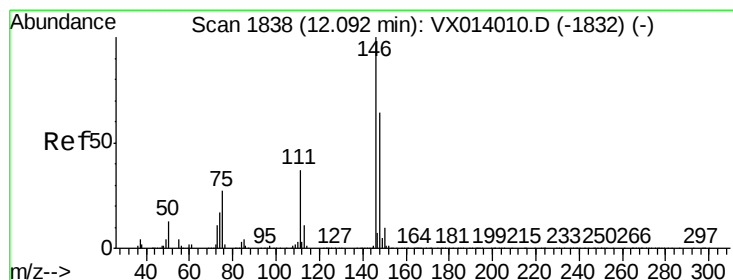
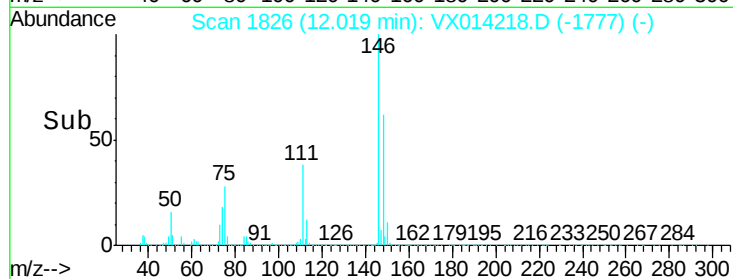
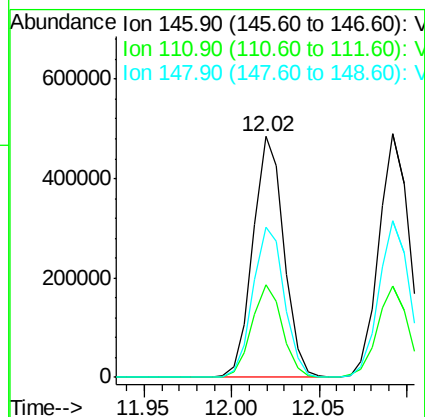
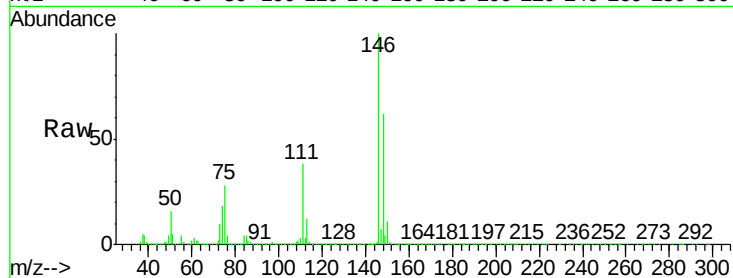
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.6	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 47.261 ug/l

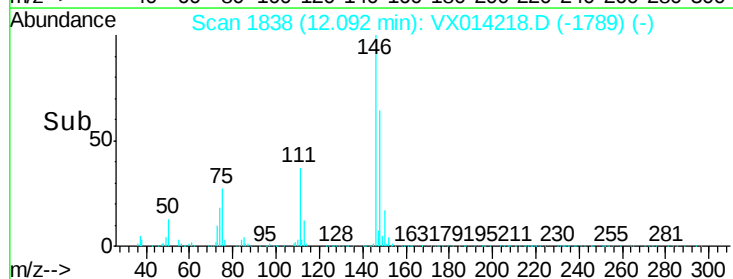
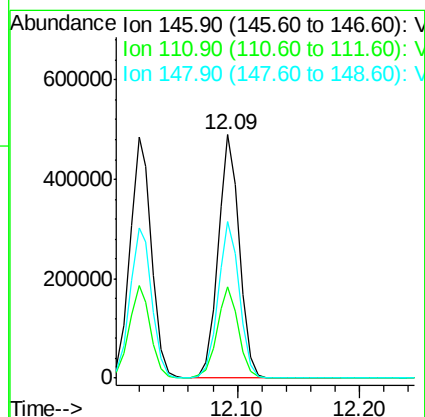
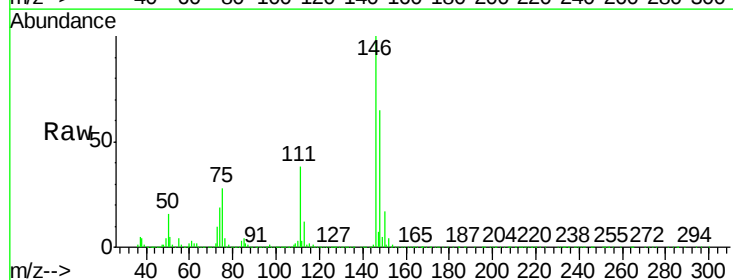
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	37.7	18.7	56.1
148	64.6	31.9	95.9





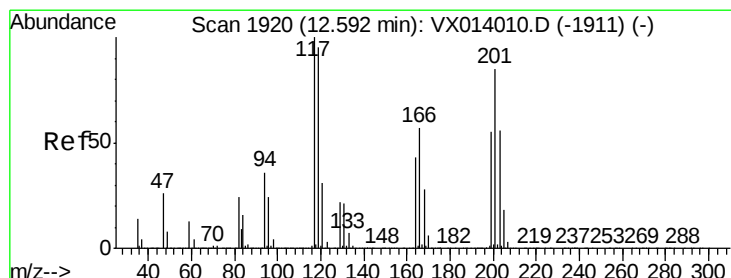
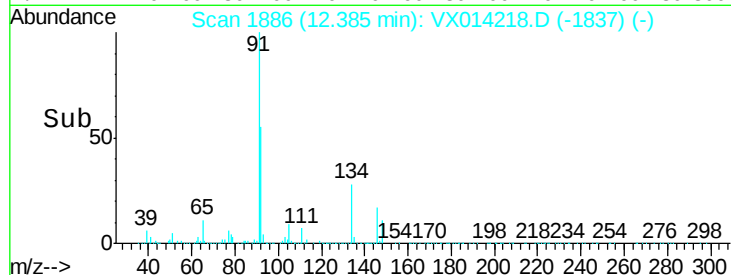
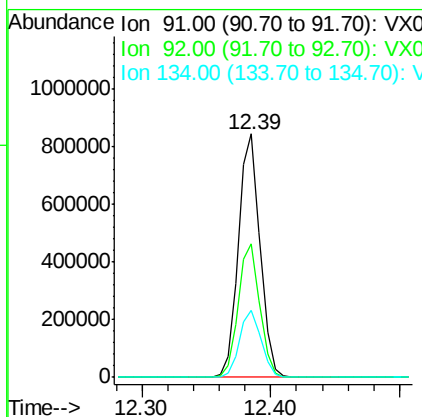
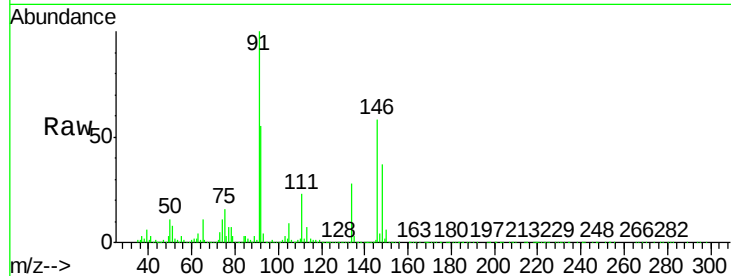
#89
n-Butylbenzene
Concen: 50.888 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	27.5	13.4	40.1

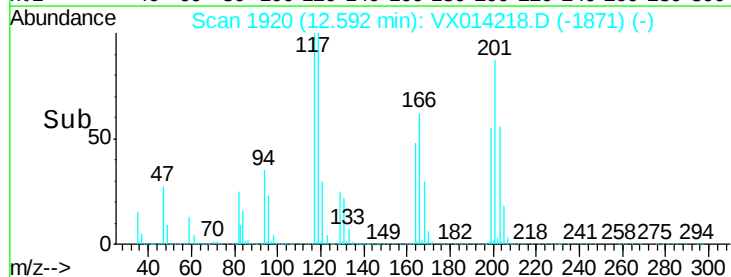
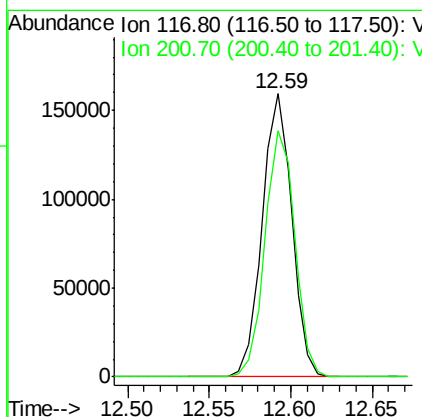
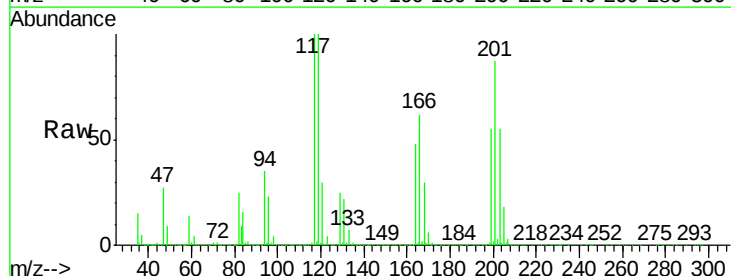
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#90
Hexachloroethane
Concen: 49.517 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 48.372 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Instrument :

MSVOA_X

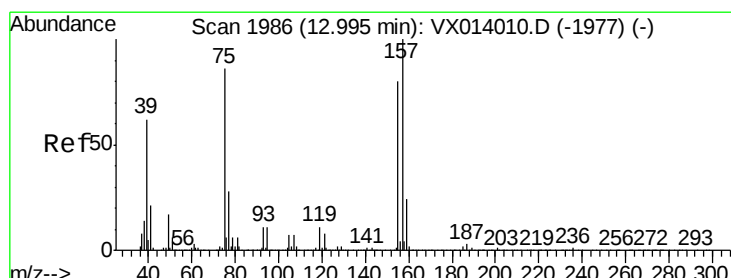
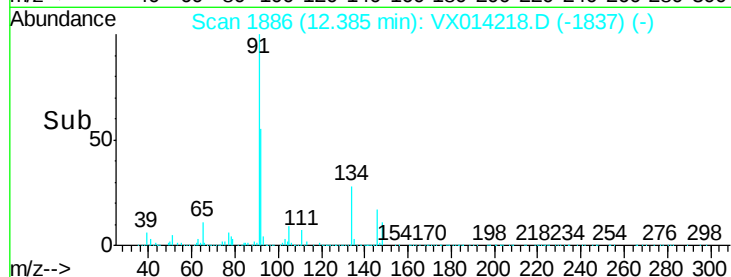
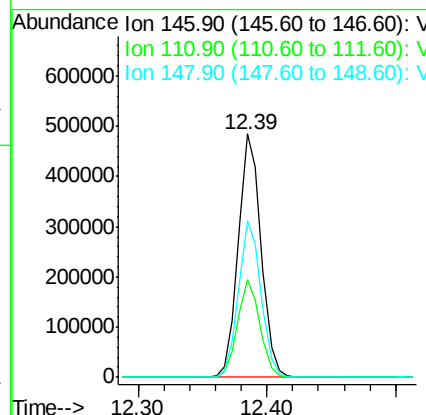
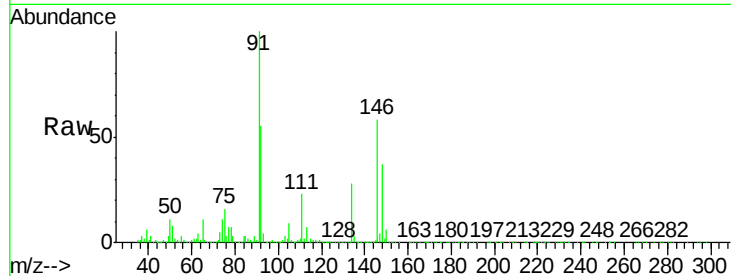
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	599984
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.7	59.1
148	63.6	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.667 ug/l

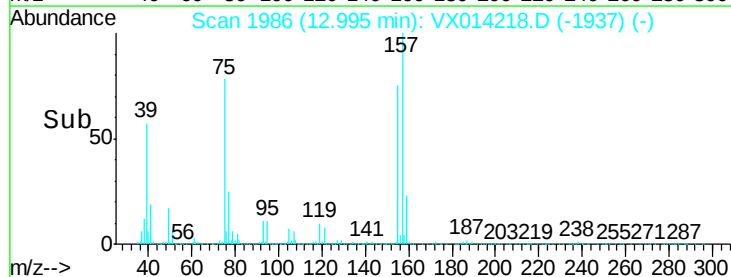
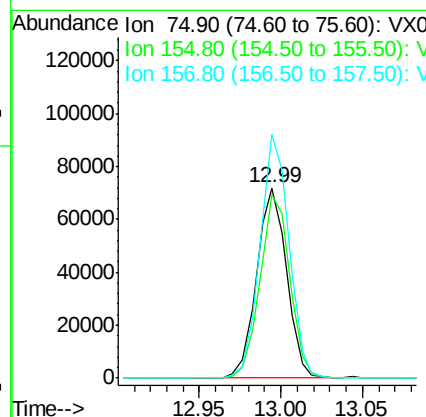
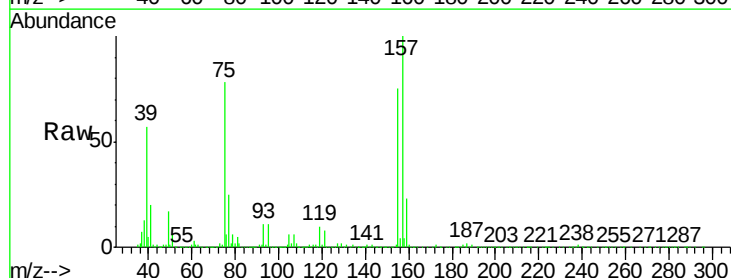
RT: 12.99 min Scan# 1886

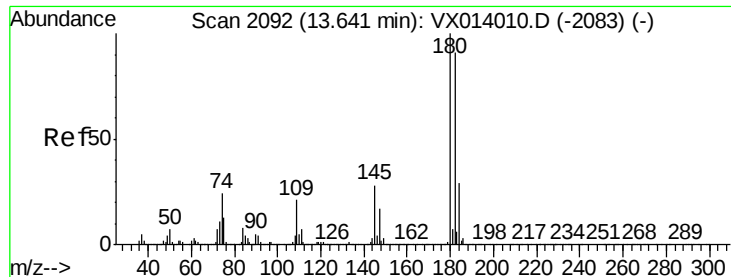
Delta R.T. 0.00 min

Lab File: VX014218.D

Acq: 23 Dec 2019 21:49

Tgt Ion:	75	Resp:	91485
Ion Ratio	Lower	Upper	
75	100		
155	96.5	46.9	140.6
157	125.2	60.8	182.4





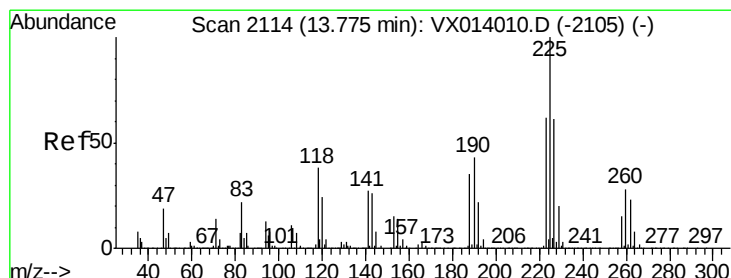
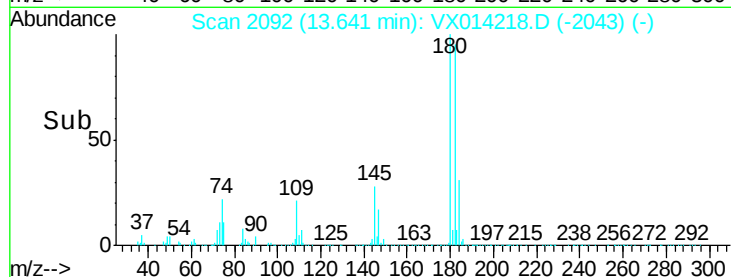
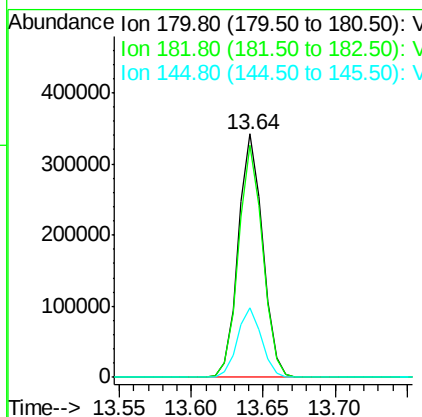
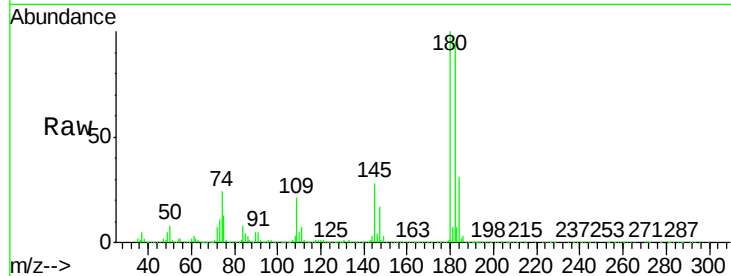
#93
 1,2,4-Trichlorobenzene
 Concen: 50.029 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	403318		
182	94.5	46.6	139.8	
145	28.4	14.2	42.6	

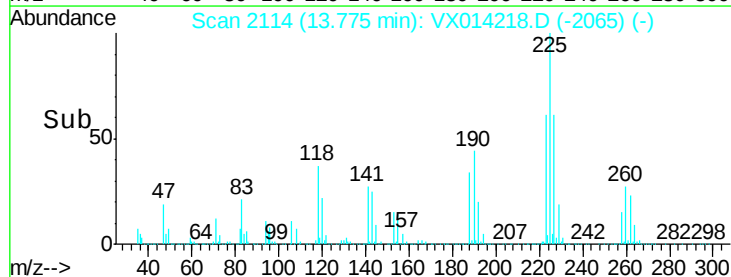
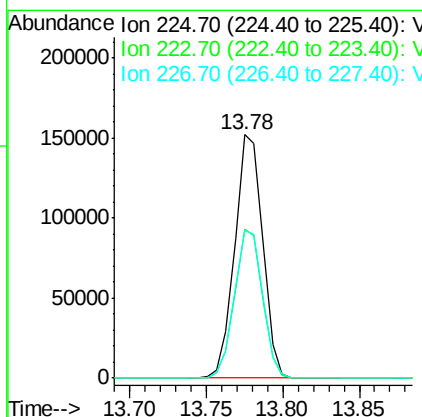
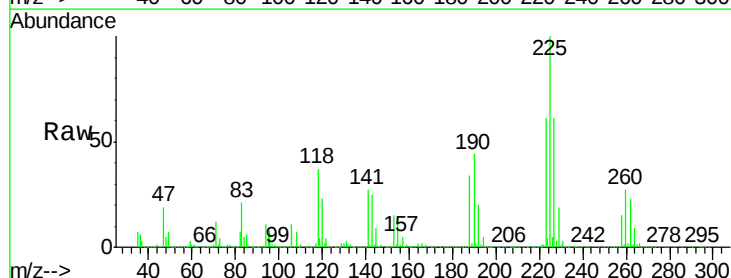
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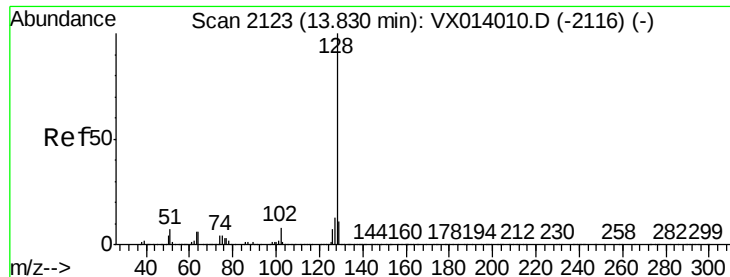
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#94
 Hexachlorobutadiene
 Concen: 49.495 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014218.D
 Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	191768		
223	61.2	30.9	92.5	
227	62.0	30.9	92.7	





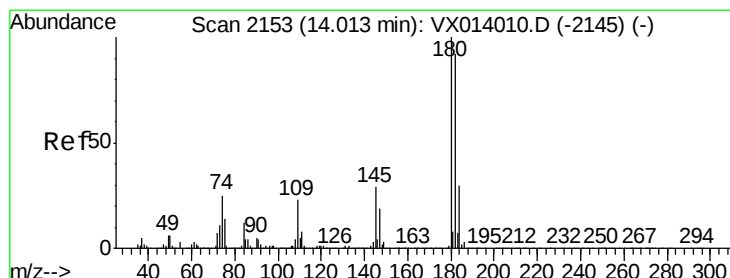
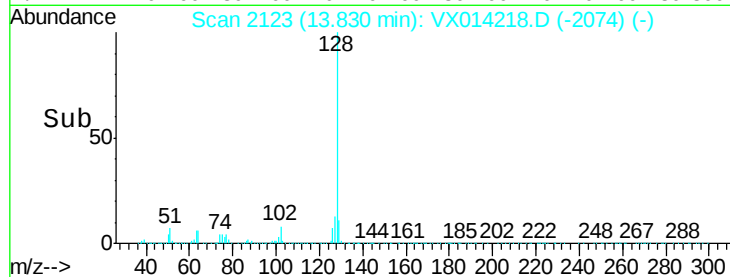
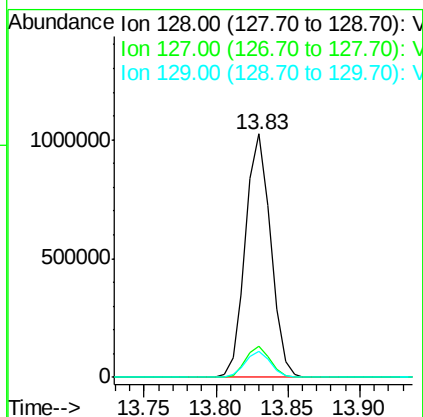
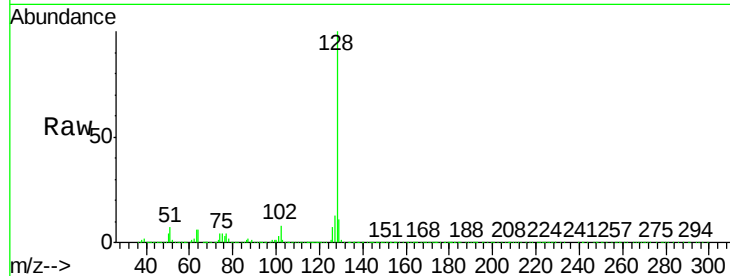
#95
Naphthalene
Concen: 52.472 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/24/2019 8:53:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.690 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014218.D
Acq: 23 Dec 2019 21:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.3
145	30.2	14.8	44.4

