

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123119\
 Data File : VX014370.D
 Acq On : 31 Dec 2019 11:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 1/2/2020 9:51:39 AM

Quant Time: Jan 01 03:42:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	676898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	629495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	276002	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	5.48	113	230654	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
50) Toluene-d8	8.71	98	862449	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	11.13	95	315765	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162524	40.858	ug/l	98
3) Chloromethane	1.32	50	229824	43.053	ug/l	99
4) Vinyl Chloride	1.40	62	240509	42.698	ug/l	99
5) Bromomethane	1.63	94	184174	46.068	ug/l	97
6) Chloroethane	1.72	64	159682	45.932	ug/l	94
7) Trichlorofluoromethane	1.92	101	319383	45.804	ug/l	99
8) Diethyl Ether	2.18	74	159264	48.667	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	202601	48.201	ug/l	99
10) Methyl Iodide	2.50	142	223451	40.820	ug/l	99
11) Tert butyl alcohol	3.03	59	265994	244.286	ug/l	99
12) 1,1-Dichloroethene	2.37	96	192673	45.048	ug/l	96
13) Acrolein	2.28	56	183893	295.032	ug/l	96
14) Allyl chloride	2.72	41	384617	50.365	ug/l	99
15) Acrylonitrile	3.13	53	690530	271.704	ug/l	99
16) Acetone	2.43	43	656156	200.565	ug/l	99
17) Carbon Disulfide	2.56	76	483620	40.869	ug/l	100
18) Methyl Acetate	2.76	43	354667	54.710	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	740058	52.656	ug/l	99
20) Methylene Chloride	2.85	84	246376	47.823	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	213733	45.360	ug/l	99
22) Diisopropyl ether	3.84	45	820826	53.939	ug/l	95
23) Vinyl Acetate	3.80	43	3518263	283.309	ug/l	100
24) 1,1-Dichloroethane	3.69	63	418289	49.405	ug/l	99
25) 2-Butanone	4.65	43	1000864	248.142	ug/l	99
26) 2,2-Dichloropropane	4.57	77	319012	48.530	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	264625	49.658	ug/l	99
28) Bromochloromethane	5.00	49	187481	57.510	ug/l	96
29) Tetrahydrofuran	5.11	42	611147	270.899	ug/l	99
30) Chloroform	5.20	83	408671	50.918	ug/l	99
31) Cyclohexane	5.56	56	356483	47.341	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	328441	48.015	ug/l	100
36) 1,1-Dichloropropene	5.79	75	295077	47.509	ug/l	100
37) Ethyl Acetate	4.81	43	372510	54.313	ug/l	99
38) Carbon Tetrachloride	5.78	117	275767	48.739	ug/l	98

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Quant Time: Jan 01 03:42:02 2020
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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	362632	47.286	ug/l	98
40) Benzene	6.13	78	942451	49.316	ug/l	99
41) Methacrylonitrile	5.03	41	207796	54.604	ug/l	99
42) 1,2-Dichloroethane	6.18	62	331728	51.209	ug/l	100
43) Isopropyl Acetate	6.43	43	611502	53.874	ug/l	99
44) Trichloroethene	7.20	130	253509	48.027	ug/l	98
45) 1,2-Dichloropropane	7.50	63	259022	52.882	ug/l	97
46) Dibromomethane	7.65	93	164803	50.890	ug/l	99
47) Bromodichloromethane	7.89	83	322649	52.902	ug/l	99
48) Methyl methacrylate	7.76	41	305052	54.884	ug/l	97
49) 1,4-Dioxane	7.73	88	108598	960.119	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1927788	270.437	ug/l	99
52) Toluene	8.78	92	591799	48.994	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	362591	54.218	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	406796	54.600	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	259241	53.549	ug/l	98
56) Ethyl methacrylate	9.17	69	411823	54.154	ug/l	99
57) 1,3-Dichloropropane	9.36	76	429739	52.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	832200	289.173	ug/l	99
59) 2-Hexanone	9.48	43	1471342	256.403	ug/l	99
60) Dibromochloromethane	9.57	129	263099	54.674	ug/l	100
61) 1,2-Dibromoethane	9.67	107	261584	52.811	ug/l	100
64) Tetrachloroethene	9.33	164	256238	46.001	ug/l	98
65) Chlorobenzene	10.13	112	646818	48.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	242478	50.738	ug/l	100
67) Ethyl Benzene	10.25	91	1130277	49.118	ug/l	99
68) m/p-Xylenes	10.35	106	856471	96.771	ug/l	98
69) o-Xylene	10.69	106	420648	48.461	ug/l	99
70) Styrene	10.71	104	736599	50.184	ug/l	99
71) Bromoform	10.85	173	201749	52.517	ug/l	99
73) Isopropylbenzene	11.01	105	1115688	49.832	ug/l	100
74) N-amyl acetate	10.89	43	538625	51.324	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	394350	50.805	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	325564m	47.159	ug/l	
77) Bromobenzene	11.25	156	295159	47.915	ug/l	99
78) n-propylbenzene	11.35	91	1268102	50.495	ug/l	99
79) 2-Chlorotoluene	11.42	91	746680	48.912	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	927730	49.236	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132382	54.125	ug/l	98
82) 4-Chlorotoluene	11.51	91	870709	49.171	ug/l	99
83) tert-Butylbenzene	11.76	119	888021	48.428	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	946619	50.166	ug/l	100
85) sec-Butylbenzene	11.94	105	1080293	49.904	ug/l	99
86) p-Isopropyltoluene	12.06	119	988120	49.901	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	520276	48.191	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	517903	47.178	ug/l	99
89) n-Butylbenzene	12.38	91	873799	51.716	ug/l	100
90) Hexachloroethane	12.59	117	174341	49.018	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	529478	48.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	81923	47.693	ug/l	98

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ClientSampleId :
VSTDCCC050

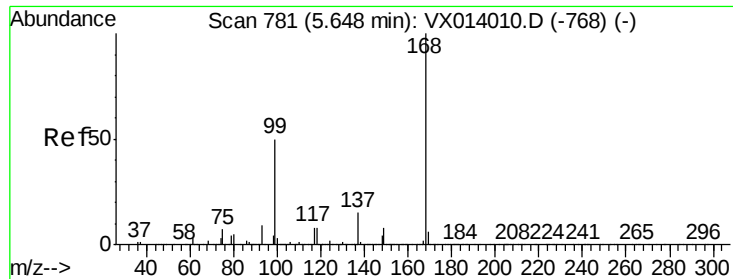
Manual Integrations
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1/2/2020 9:51:39 AM

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	356439	50.460	ug/l	97
94) Hexachlorobutadiene	13.77	225	167386	49.306	ug/l	98
95) Naphthalene	13.83	128	1116983	53.821	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364449	52.266	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 444627

Ion Ratio Lower Upper

168 100

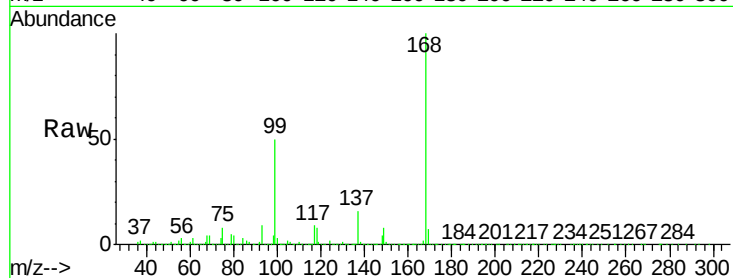
99 49.4 40.3 60.5

Manual Integrations

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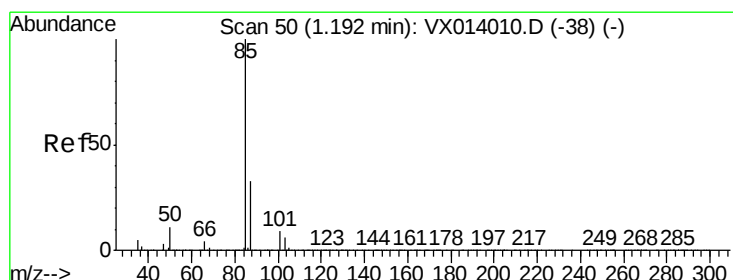
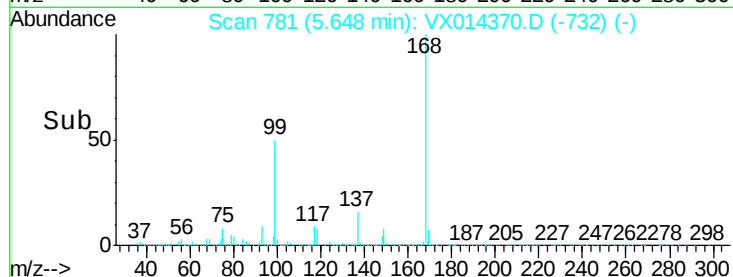
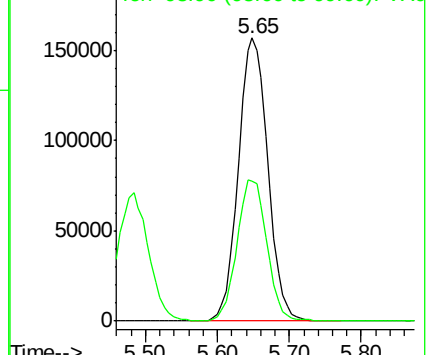
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.858 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014370.D

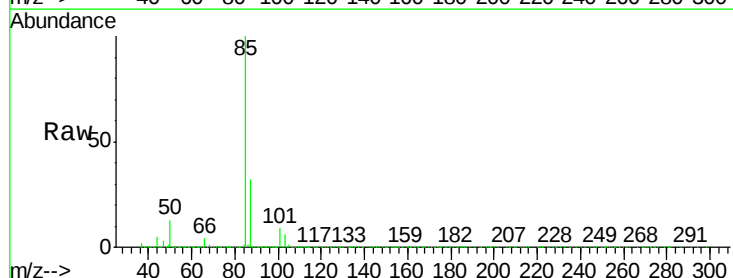
Acq: 31 Dec 2019 11:00

Tgt Ion: 85 Resp: 162524

Ion Ratio Lower Upper

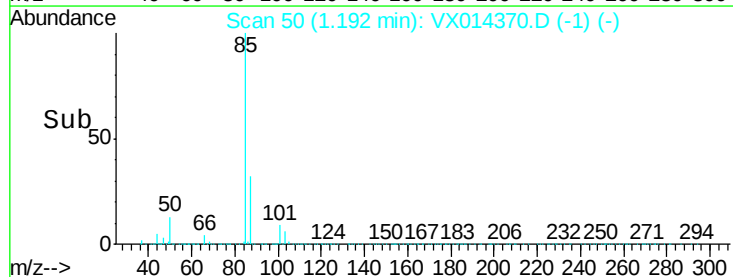
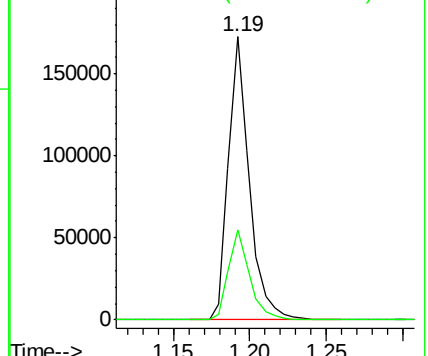
85 100

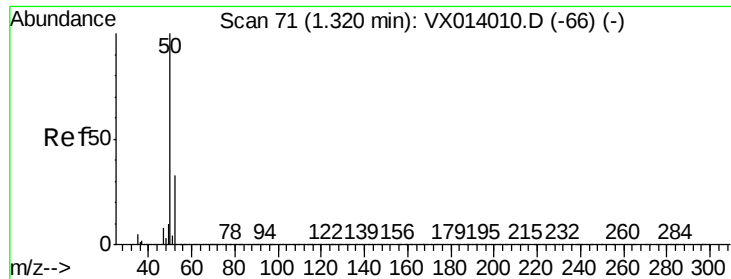
87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.053 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

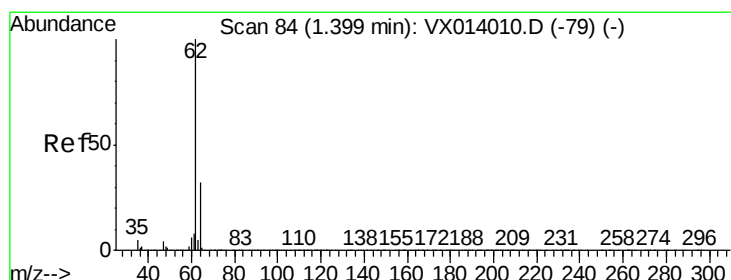
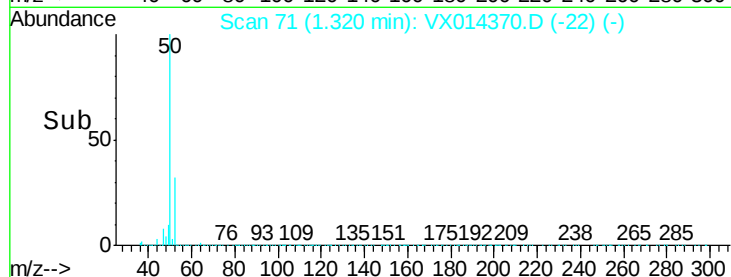
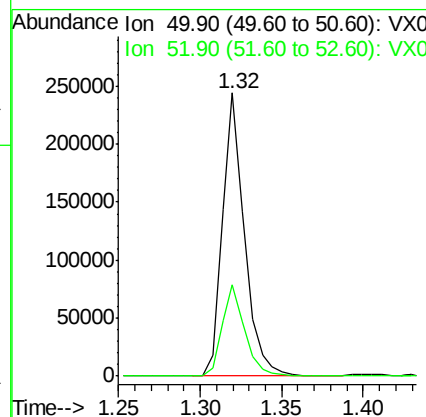
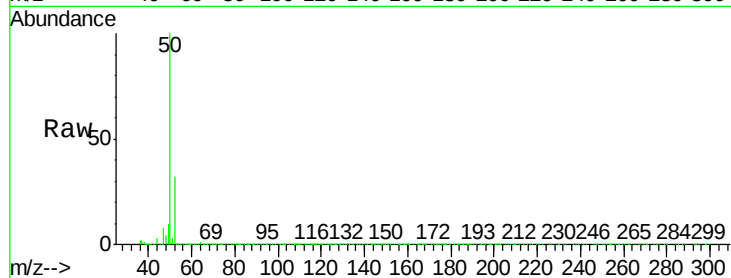
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.2	39.4

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#4

Vinyl Chloride

Concen: 42.698 ug/l

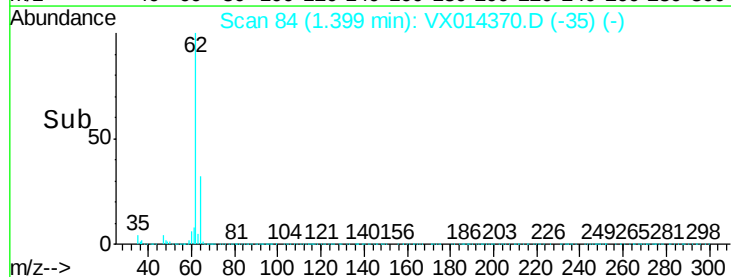
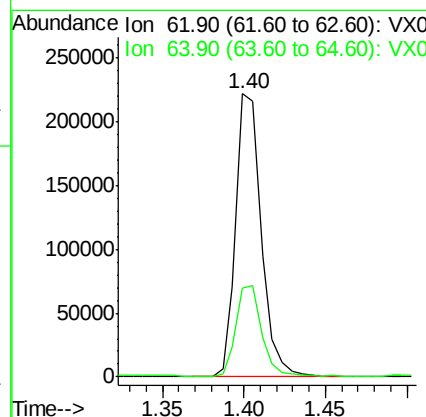
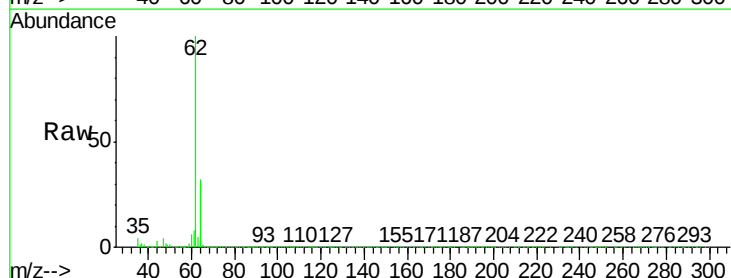
RT: 1.40 min Scan# 84

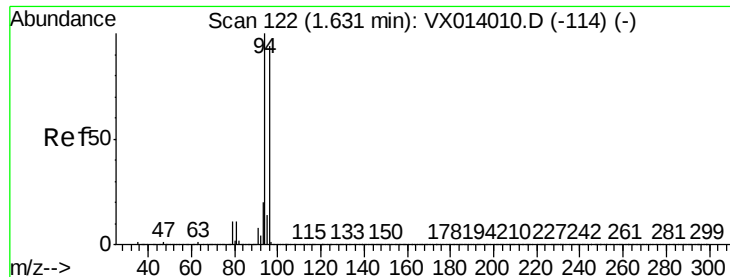
Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.7	38.5





#5

Bromomethane

Concen: 46.068 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 184174

Ion Ratio Lower Upper

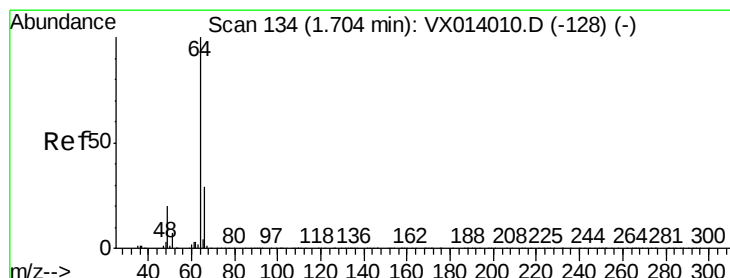
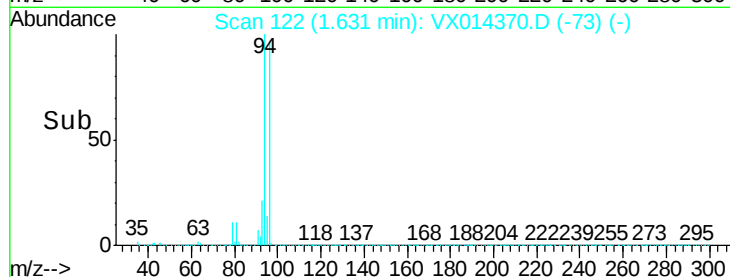
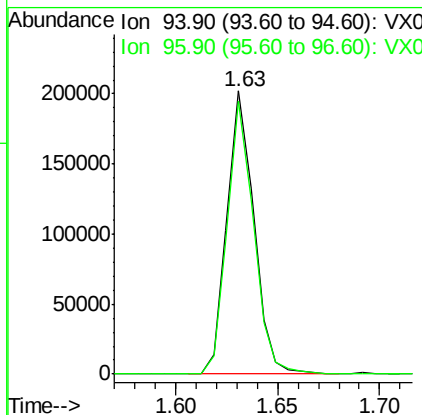
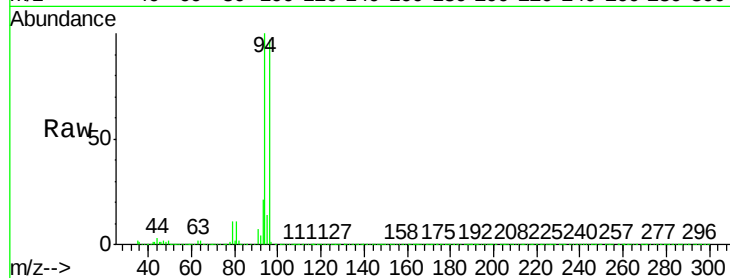
94 100

96 96.8 75.2 112.8

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#6

Chloroethane

Concen: 45.932 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014370.D

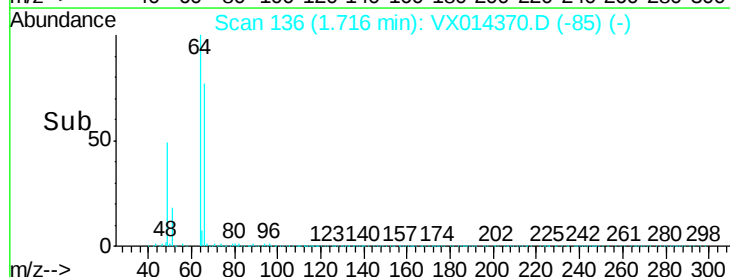
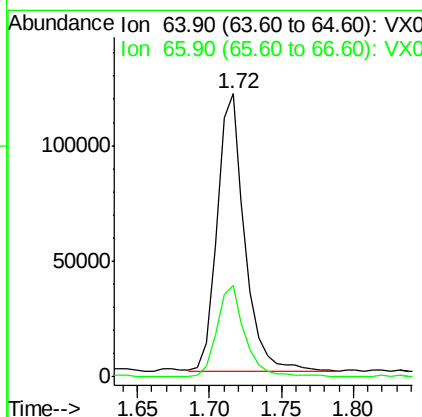
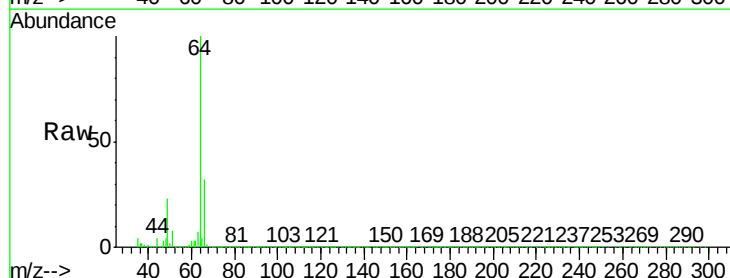
Acq: 31 Dec 2019 11:00

Tgt Ion: 64 Resp: 159682

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2





#7

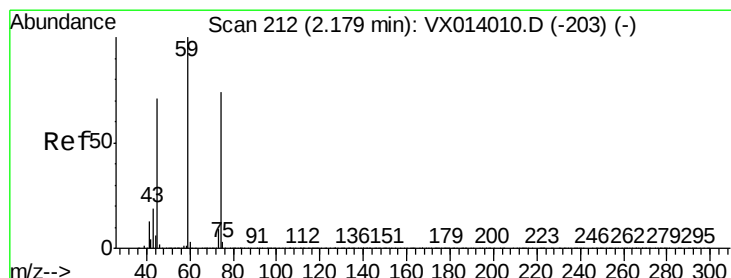
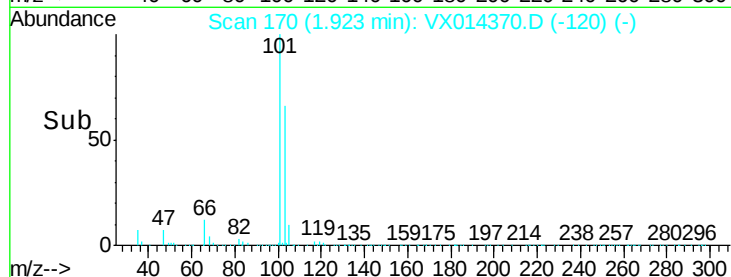
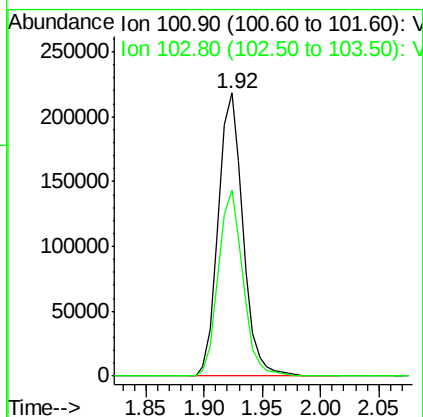
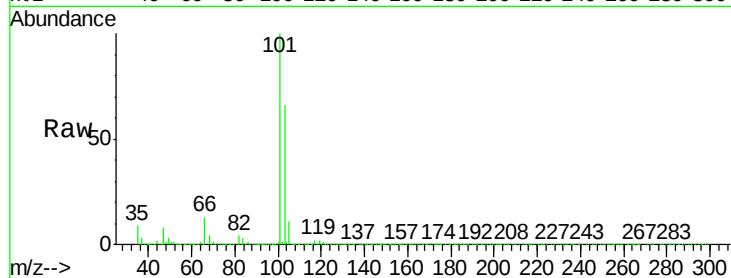
Trichlorofluoromethane
Concen: 45.804 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

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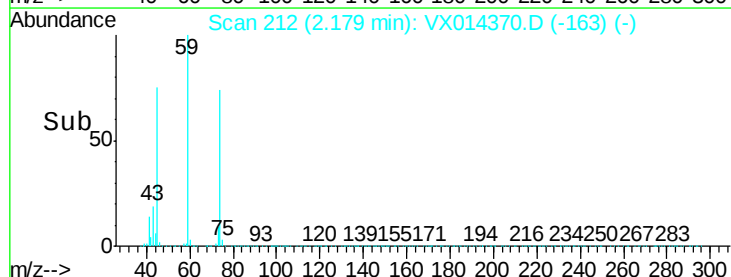
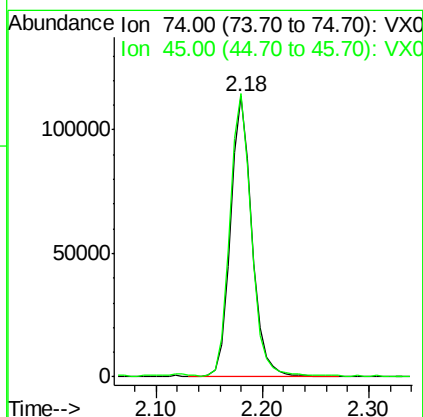
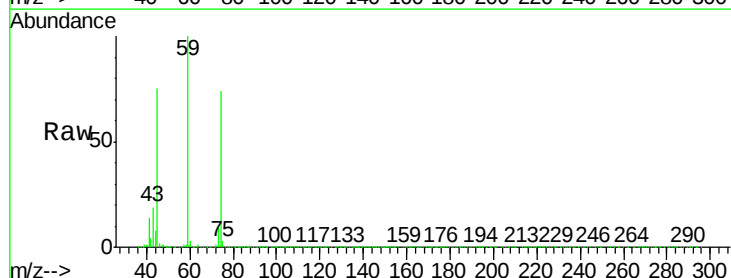
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#8

Diethyl Ether
Concen: 48.667 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.201 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

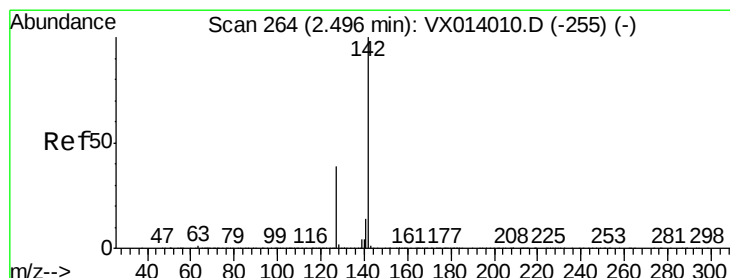
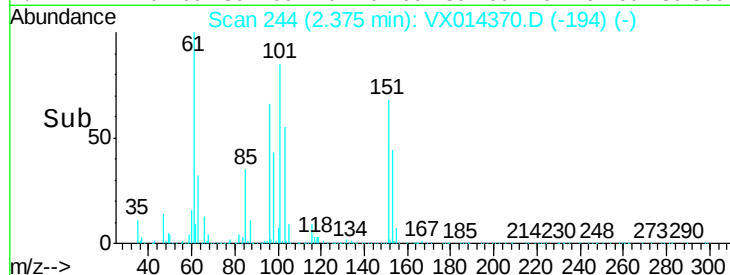
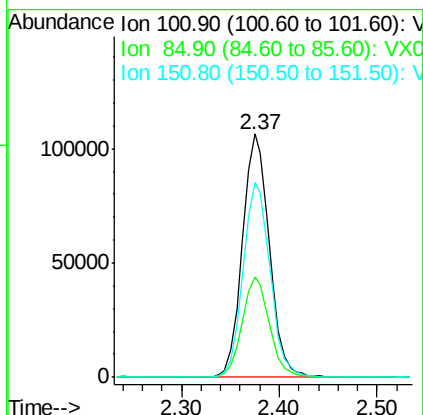
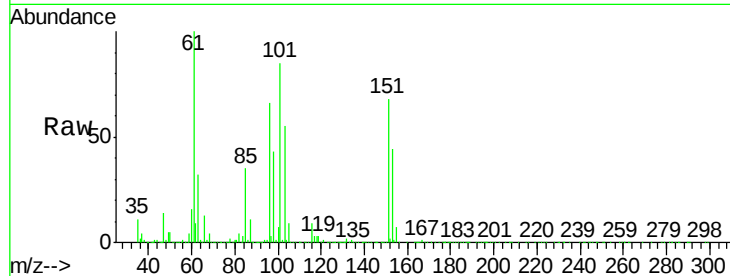
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202601	101				
101	100				
85	41.2	33.7	50.5		
151	80.6	64.5	96.7		

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#10

Methyl Iodide

Concen: 40.820 ug/l

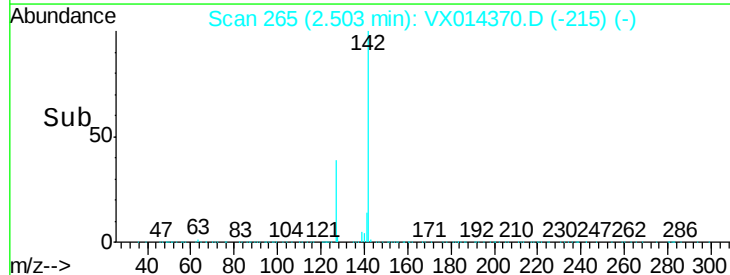
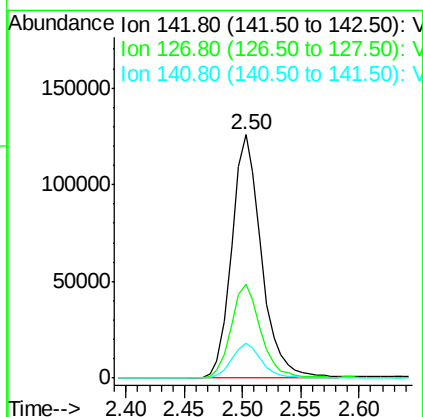
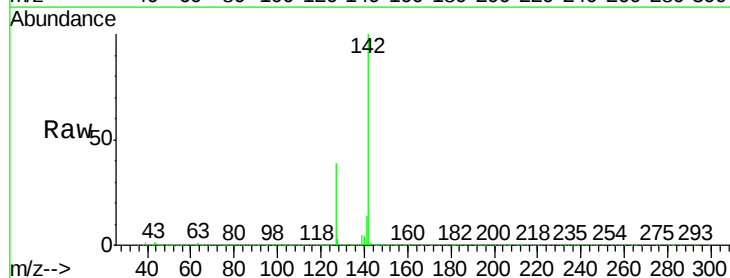
RT: 2.50 min Scan# 265

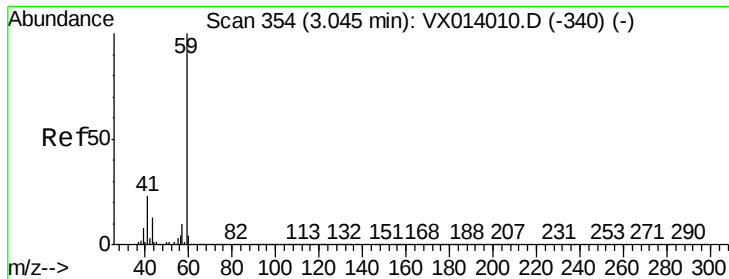
Delta R.T. 0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
223451	142				
142	100				
127	38.6	31.6	47.4		
141	14.3	11.6	17.4		





#11

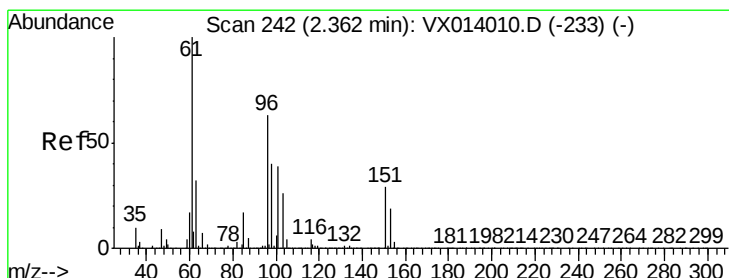
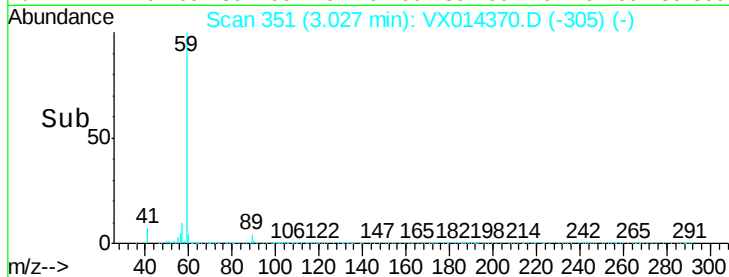
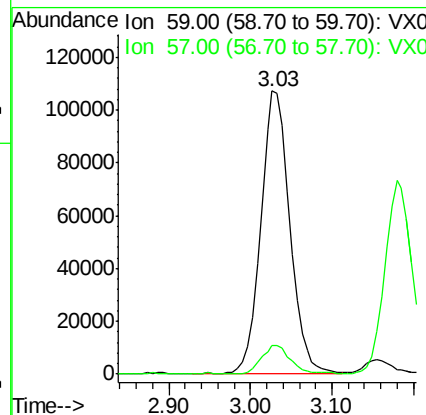
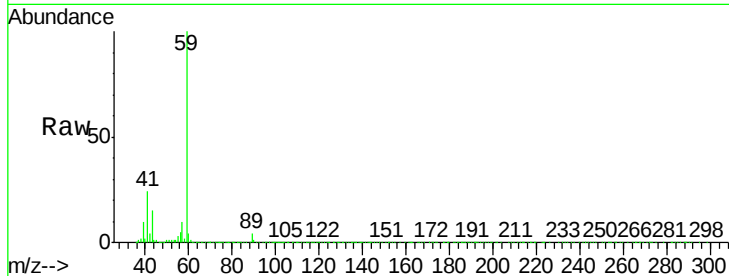
Tert butyl alcohol
Concen: 244.286 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

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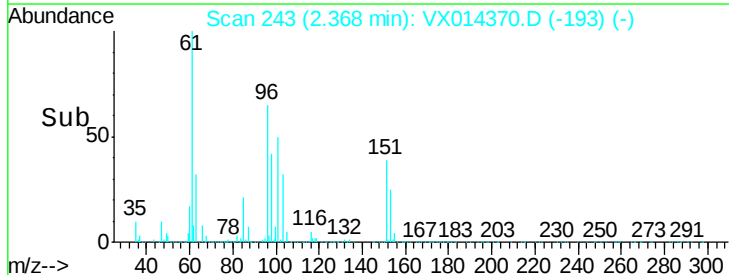
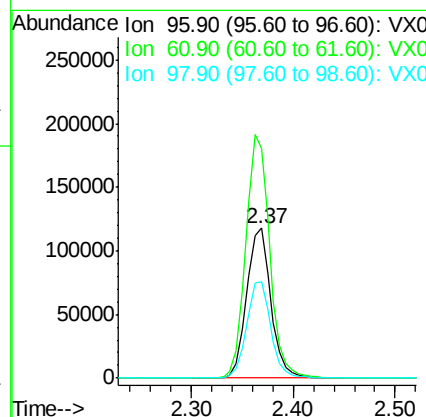
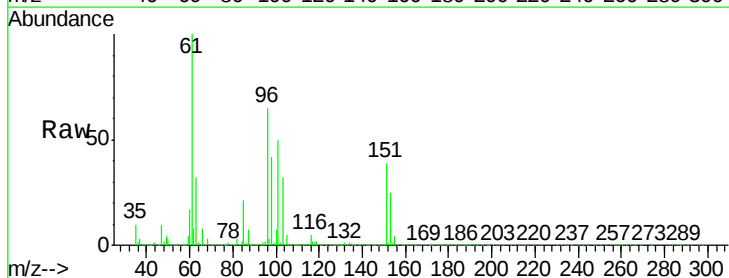
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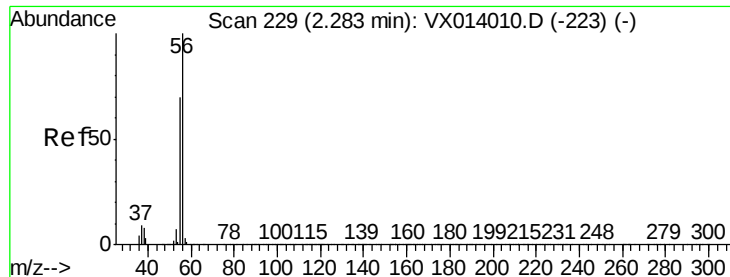


#12

1,1-Dichloroethene
Concen: 45.048 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	127.9	191.9
98	64.6	50.5	75.7





#13

Acrolein

Concen: 295.032 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 183893

Ion Ratio Lower Upper

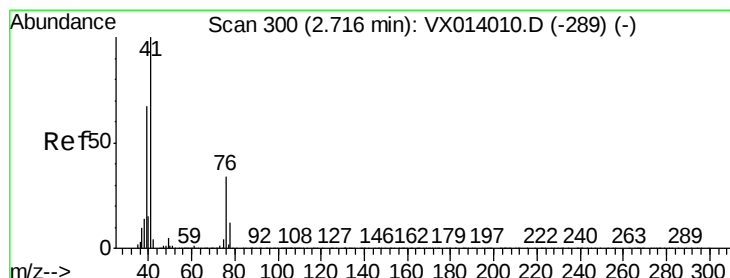
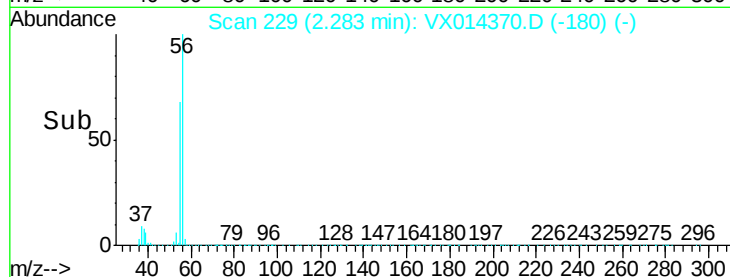
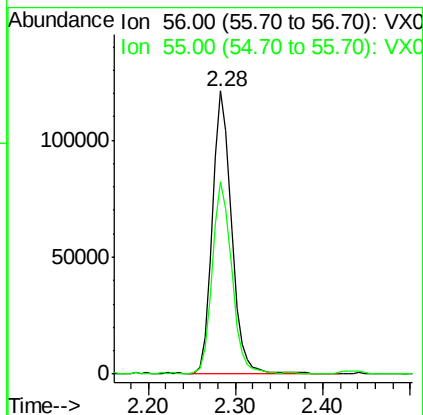
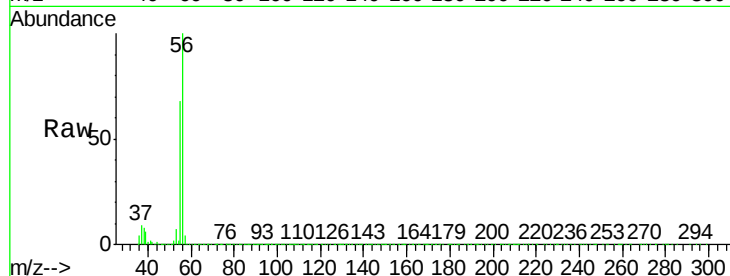
56 100

55 68.1 56.9 85.3

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#14

Allyl chloride

Concen: 50.365 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

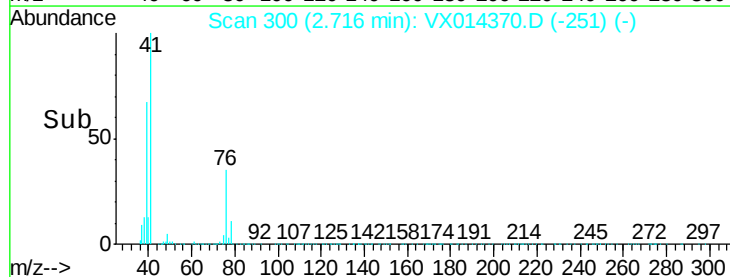
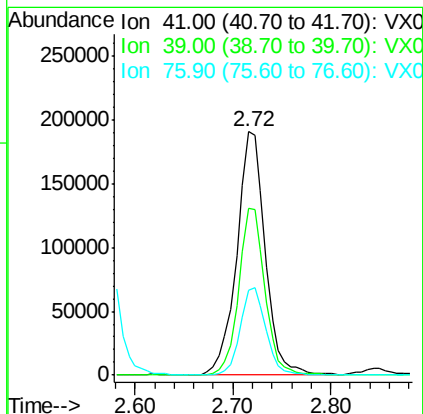
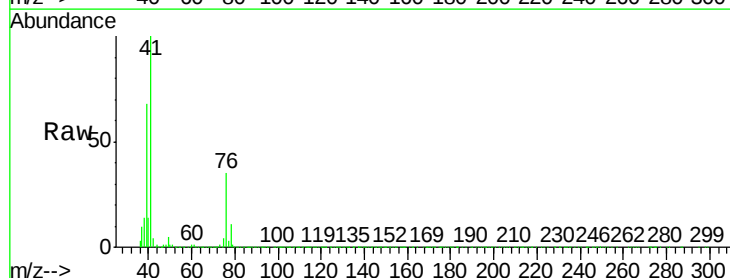
Tgt Ion: 41 Resp: 384617

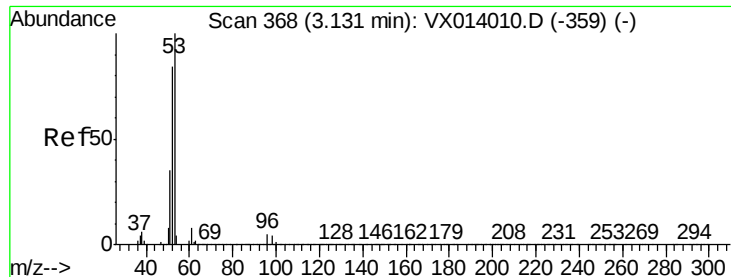
Ion Ratio Lower Upper

41 100

39 63.3 51.8 77.8

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 271.704 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

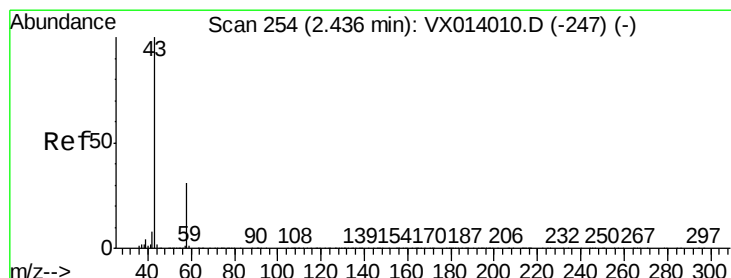
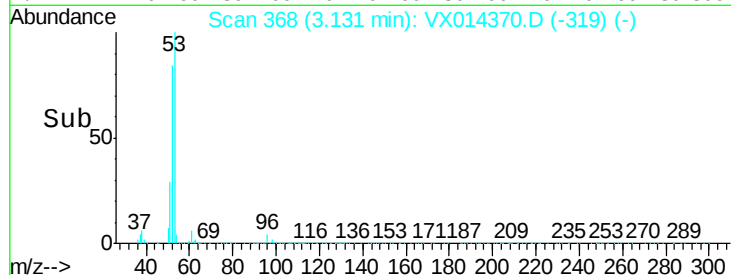
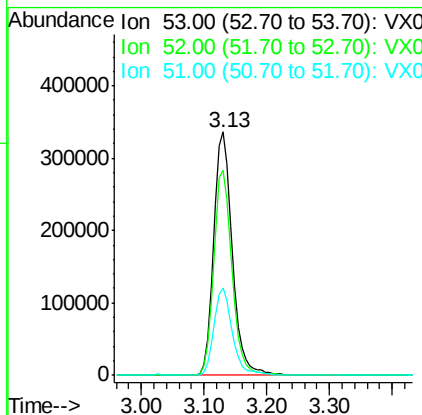
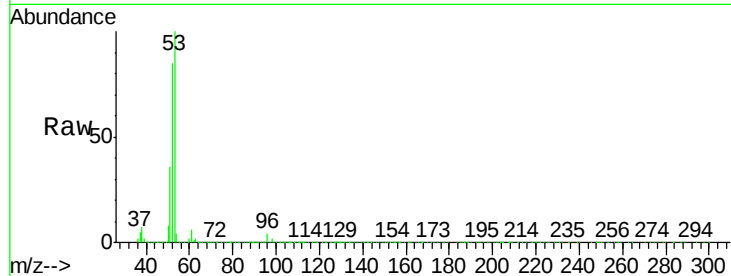
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	690530
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.5	99.7
51	35.3	28.1	42.1

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#16

Acetone

Concen: 200.565 ug/l

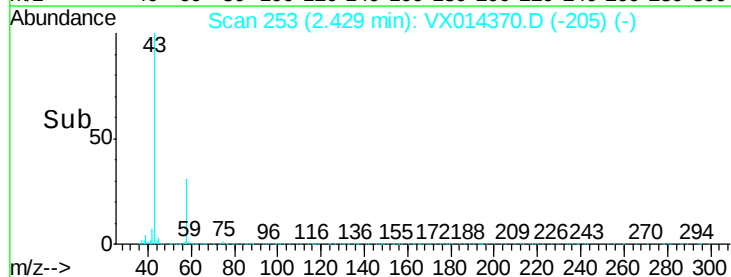
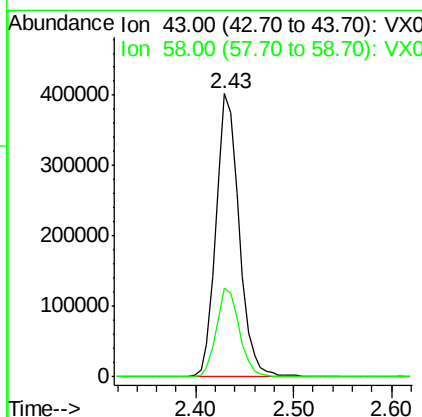
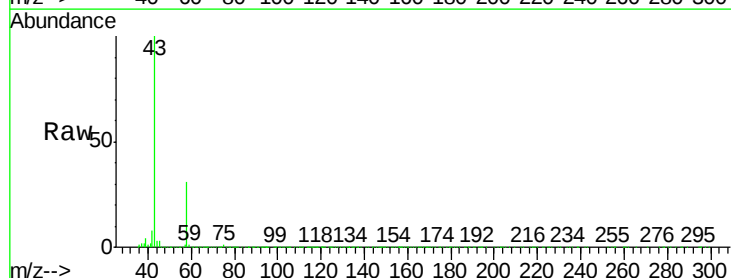
RT: 2.43 min Scan# 253

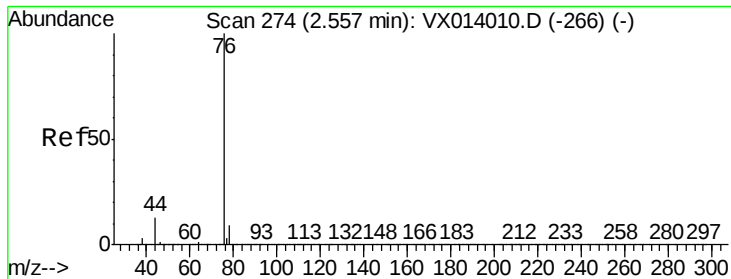
Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion:	43	Resp:	656156
Ion Ratio		Lower	Upper
43	100		
58	31.5	24.9	37.3





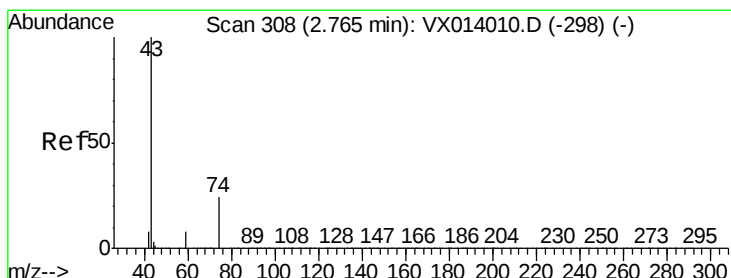
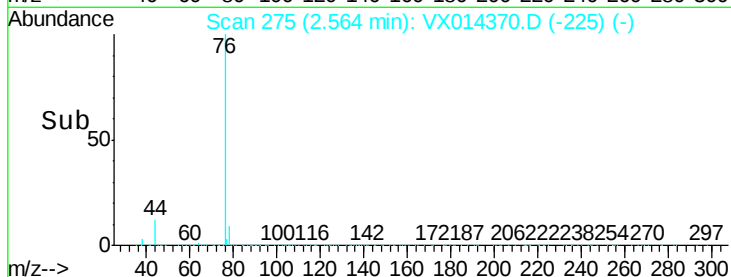
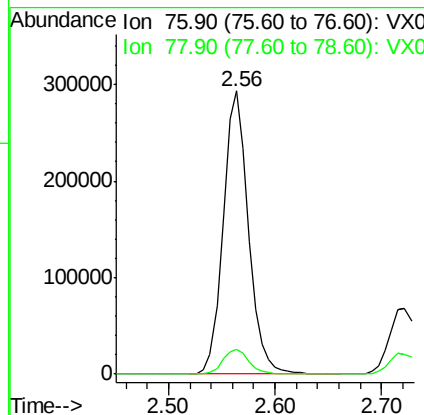
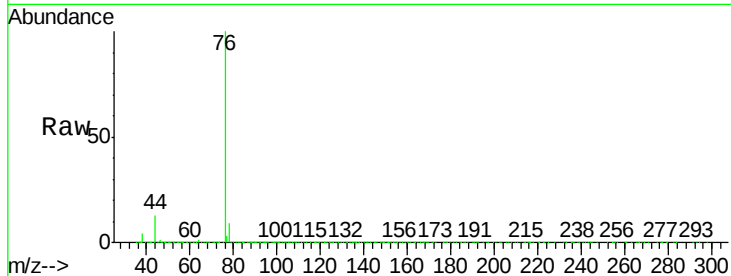
#17
Carbon Disulfide
Concen: 40.869 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

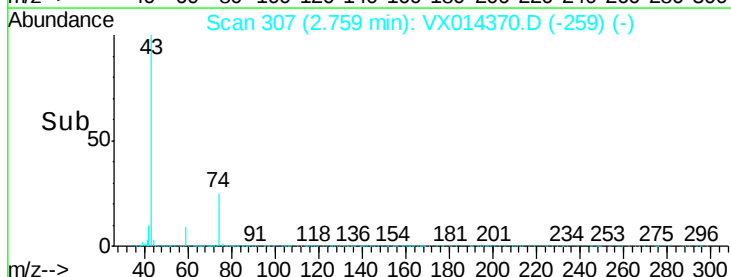
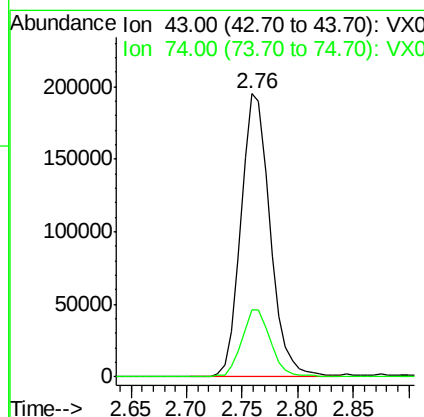
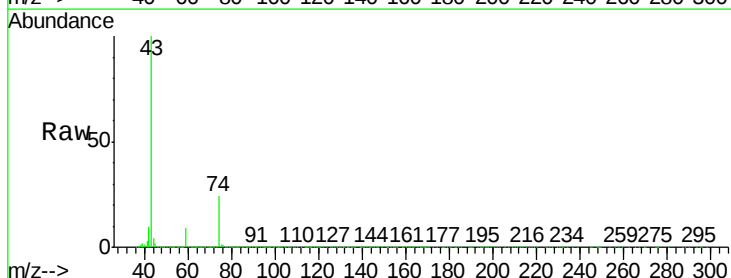
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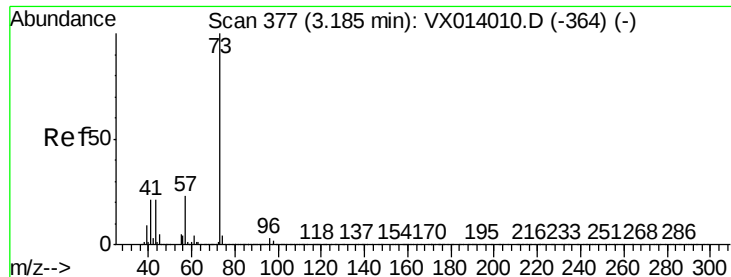
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#18
Methyl Acetate
Concen: 54.710 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.5	29.3





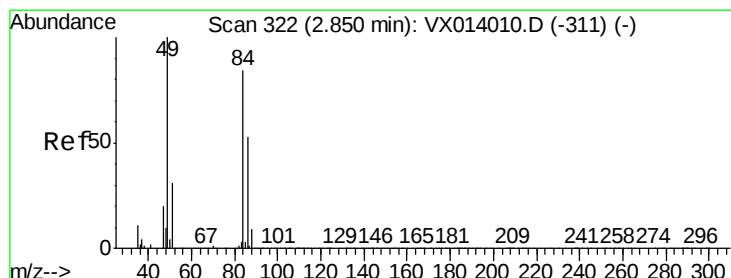
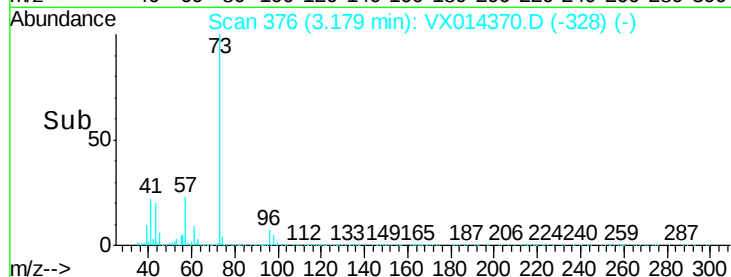
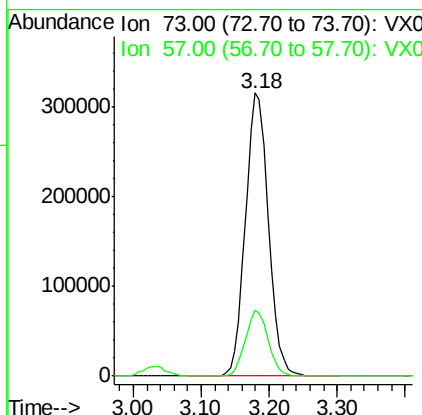
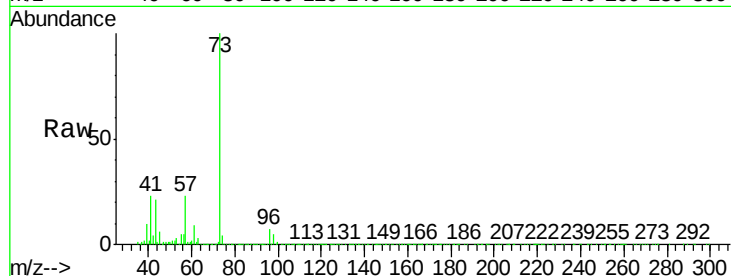
#19
Methvl tert-butvl Ether
Concen: 52.656 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.8	28.2

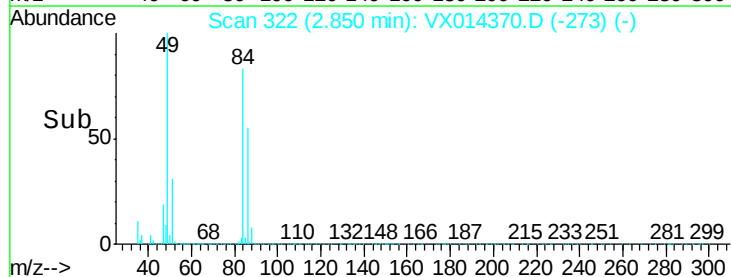
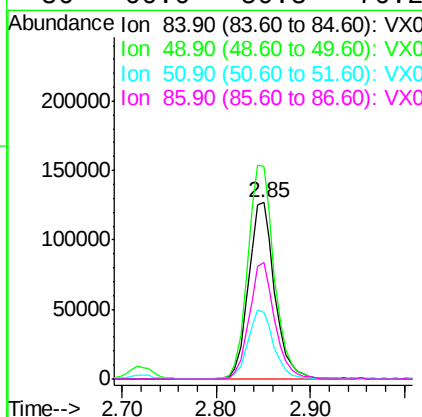
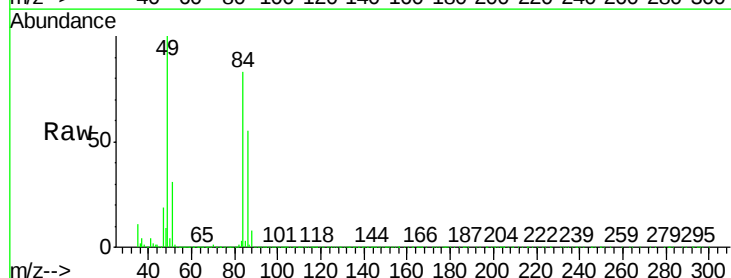
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#20
Methylene Chloride
Concen: 47.823 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	95.8	143.6
51	37.2	29.8	44.8
86	66.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 45.360 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

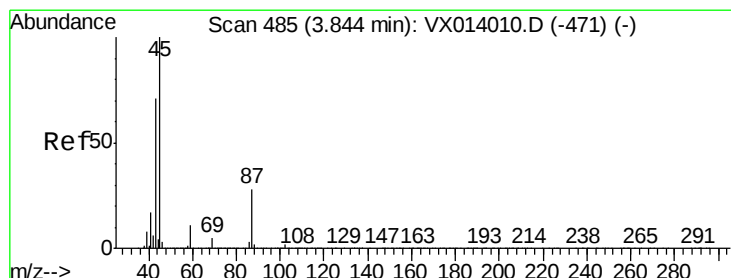
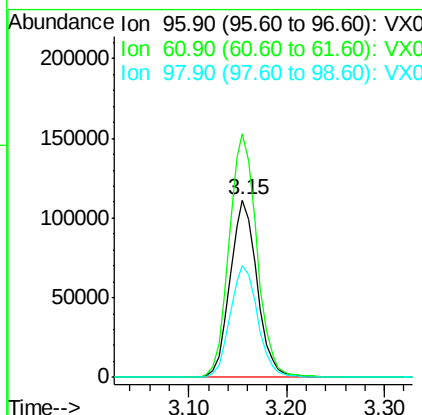
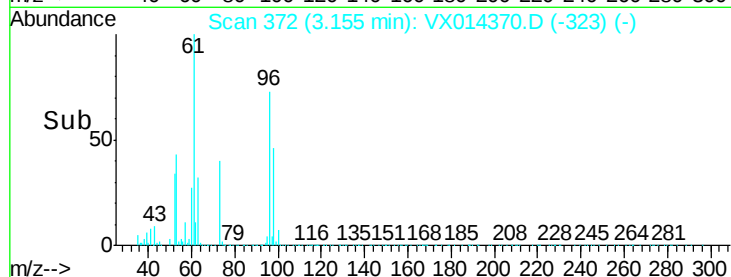
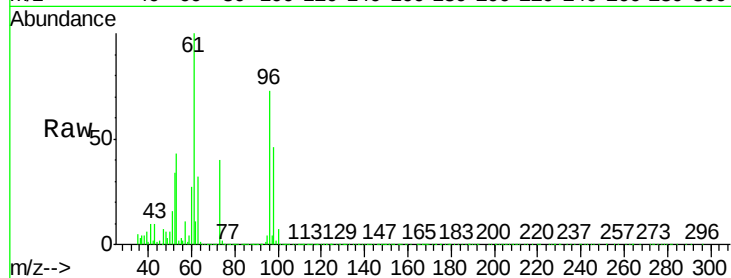
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	213733
Ion	Ratio	Lower	Upper
96	100		
61	137.2	108.3	162.5
98	63.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 53.939 ug/l

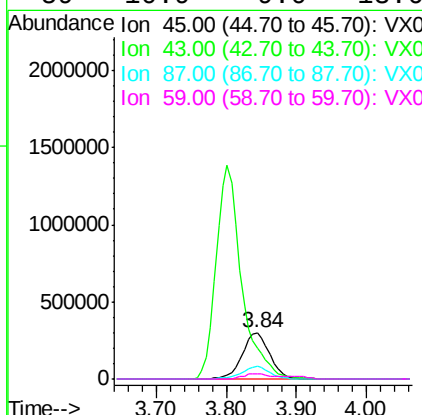
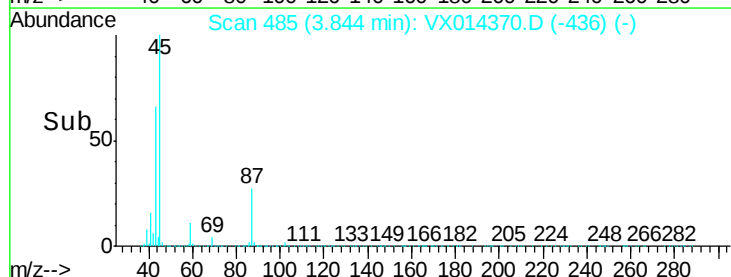
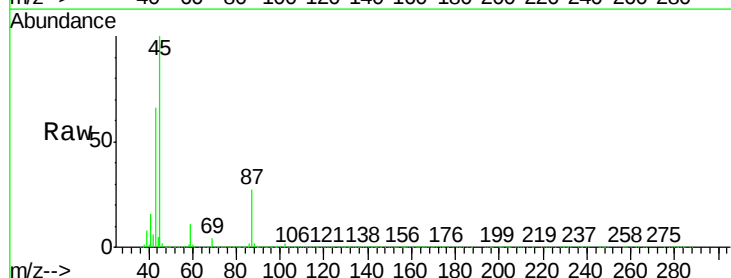
RT: 3.84 min Scan# 485

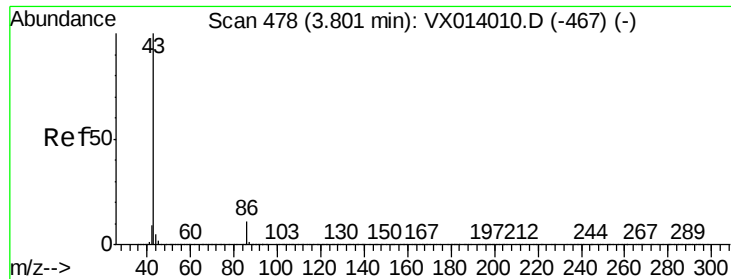
Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion:	45	Resp:	820826
Ion	Ratio	Lower	Upper
45	100		
43	66.3	57.4	86.0
87	26.6	21.9	32.9
59	10.9	9.0	13.6





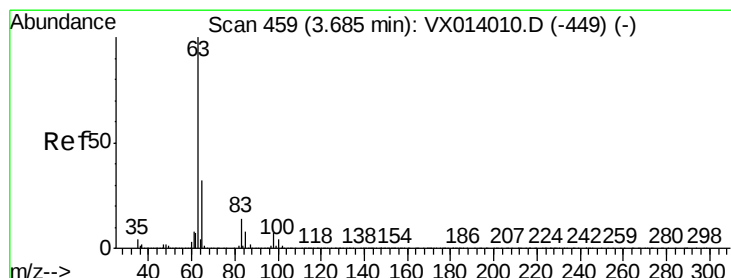
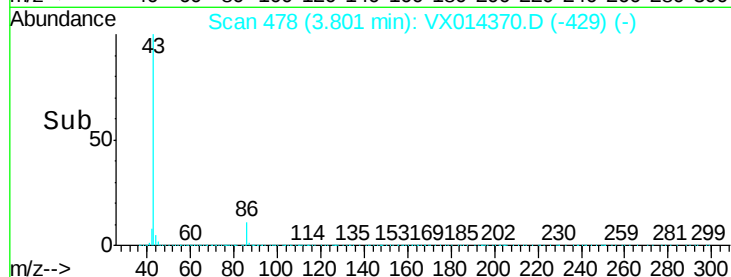
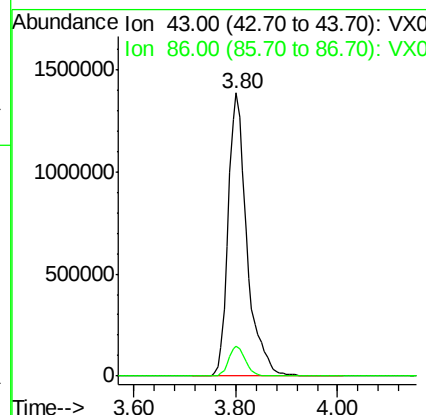
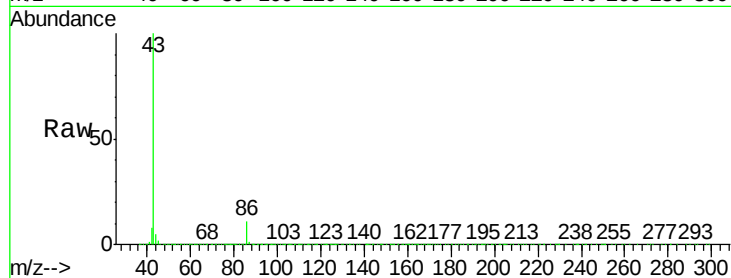
#23
 Vinyl Acetate
 Concen: 283.309 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 3518263
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

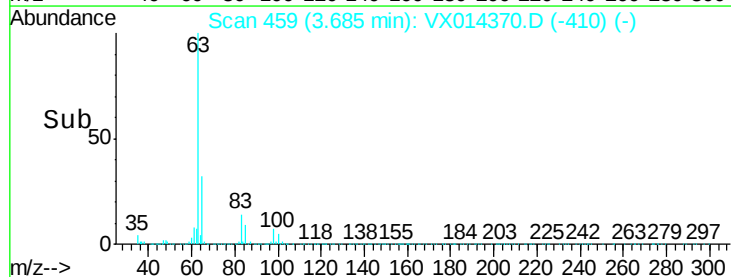
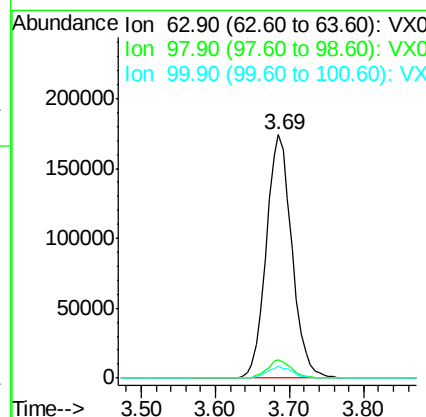
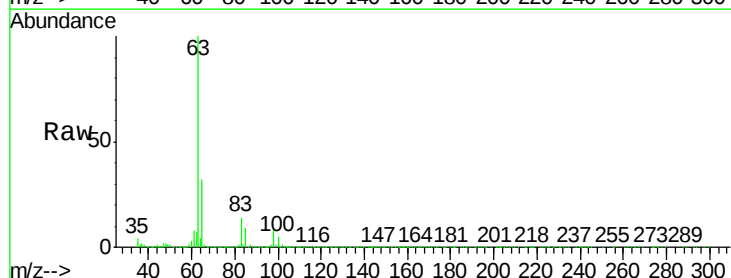
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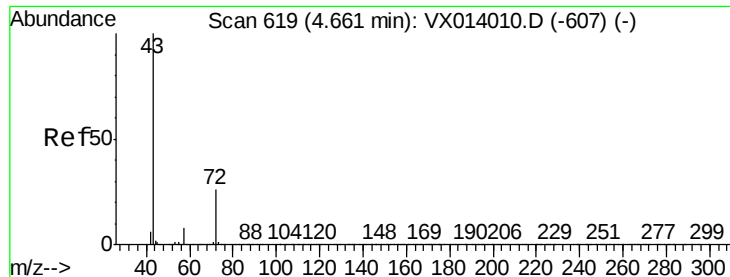
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#24
 1,1-Dichloroethane
 Concen: 49.405 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Tgt Ion: 63 Resp: 418289
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 248.142 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tot Ion: 43 Resp: 1000864

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

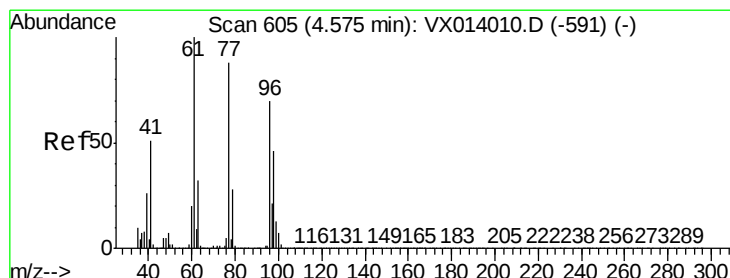
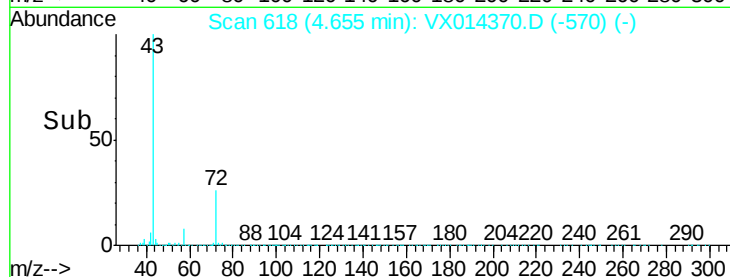
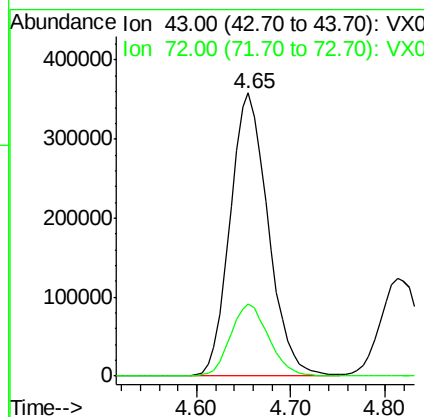
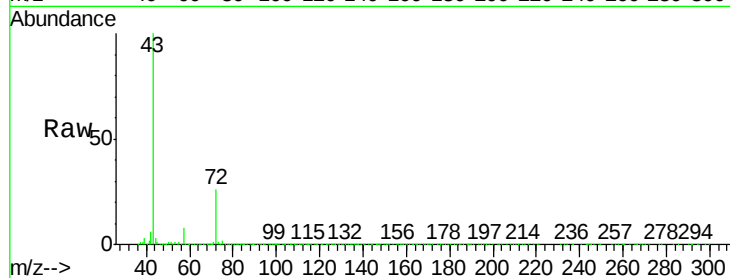
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 48.530 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014370.D

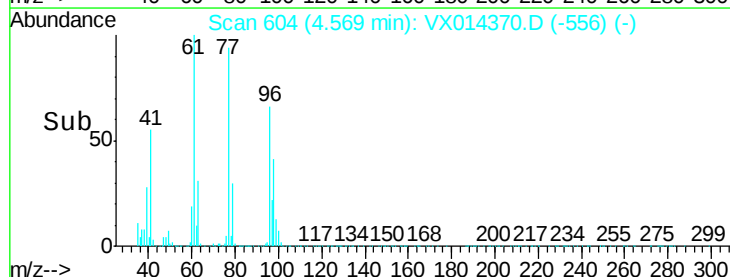
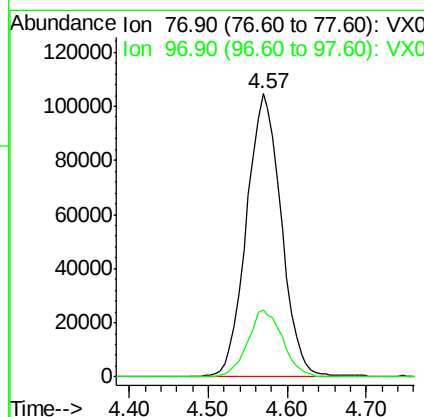
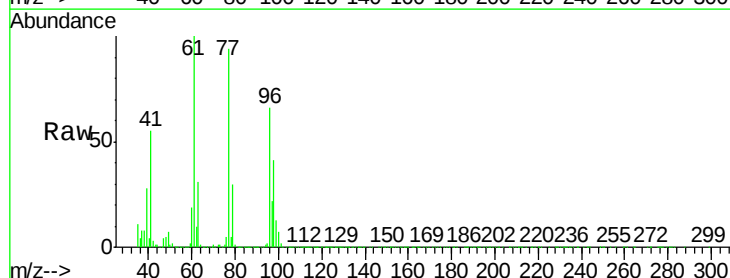
Acq: 31 Dec 2019 11:00

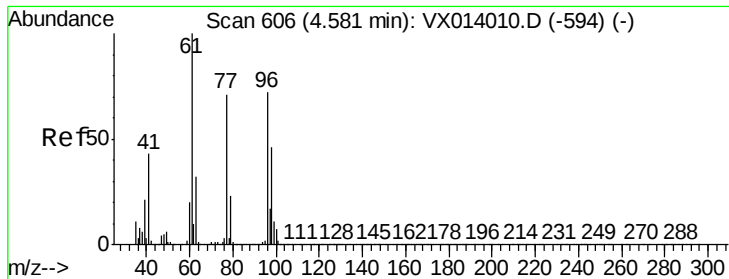
Tgt Ion: 77 Resp: 319012

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9





#27

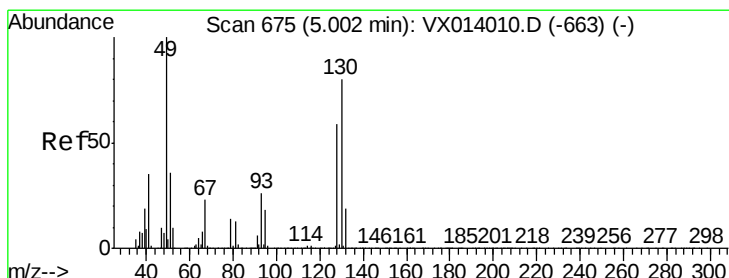
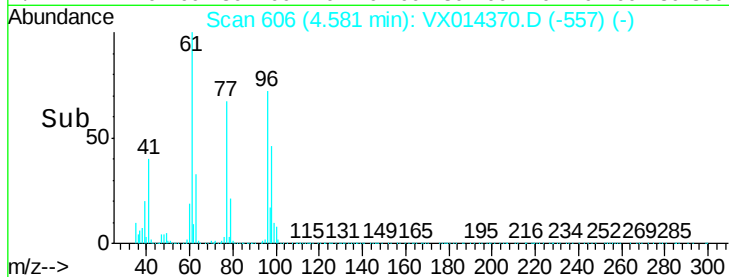
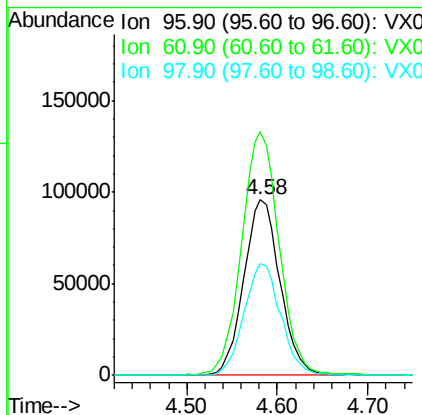
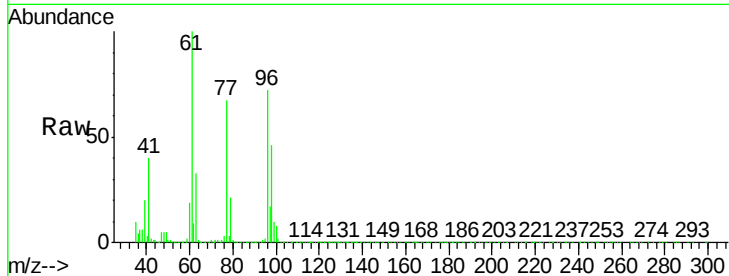
cis-1,2-Dichloroethene
Concen: 49.658 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	264625		
61	143.8	0.0	288.4	
98	63.9	0.0	129.6	

Manual Integrations
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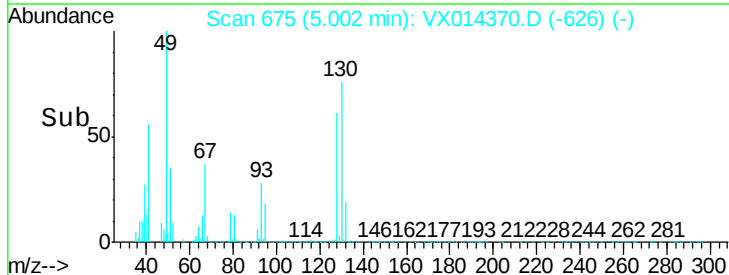
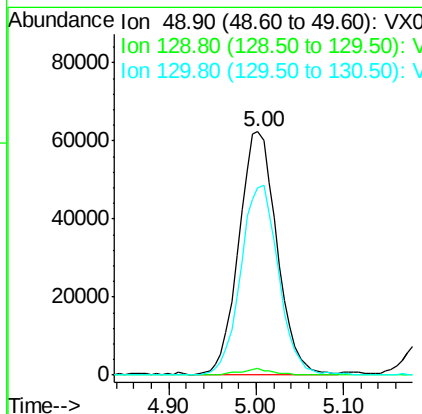
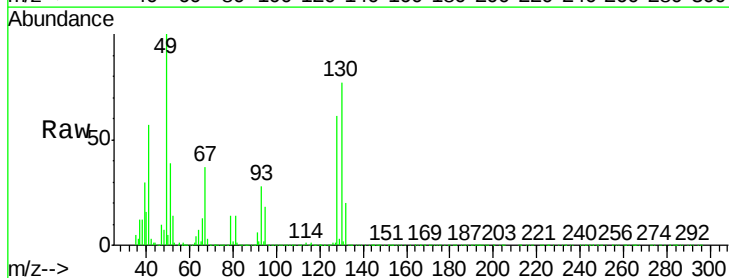
apatel
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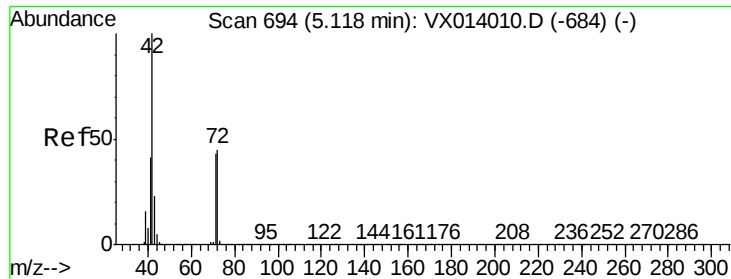


#28

Bromochloromethane
Concen: 57.510 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	187481		
129	2.5	0.0	5.0	
130	77.5	64.6	97.0	





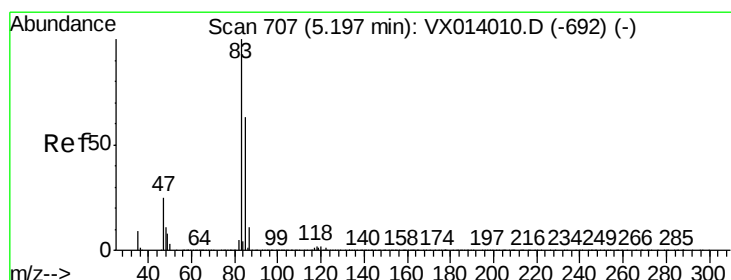
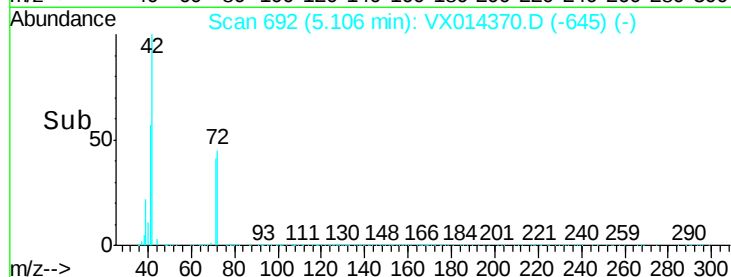
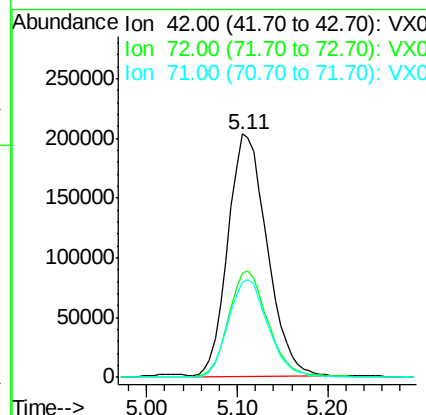
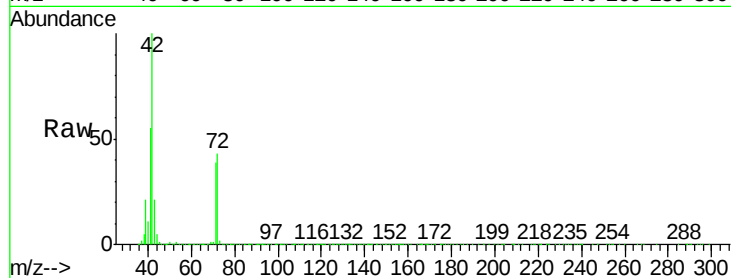
#29
Tetrahydrofuran
Concen: 270.899 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
611147	42	100		
	72	44.2	35.8	53.8
	71	40.9	33.6	50.4

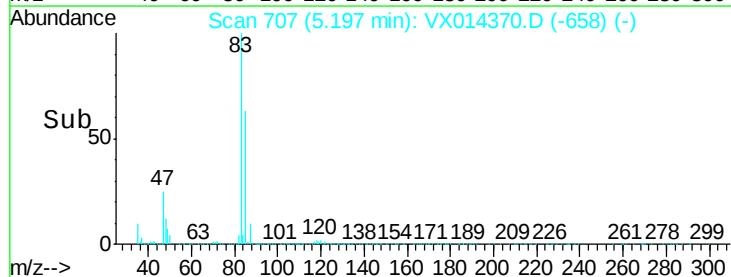
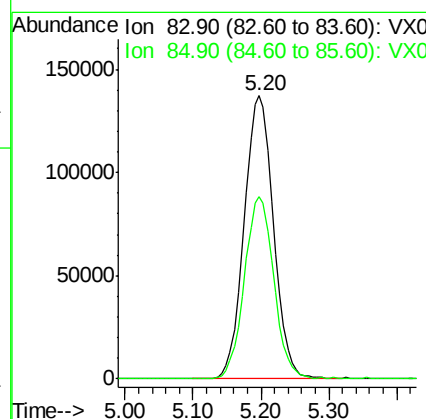
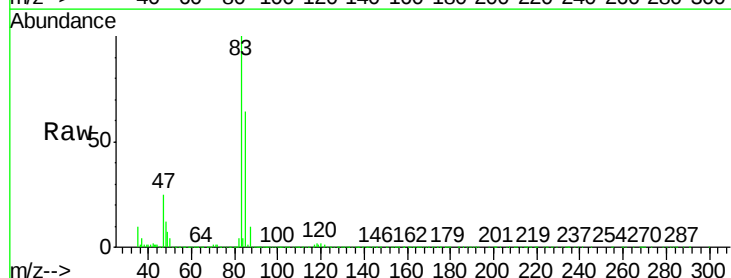
Manual Integrations
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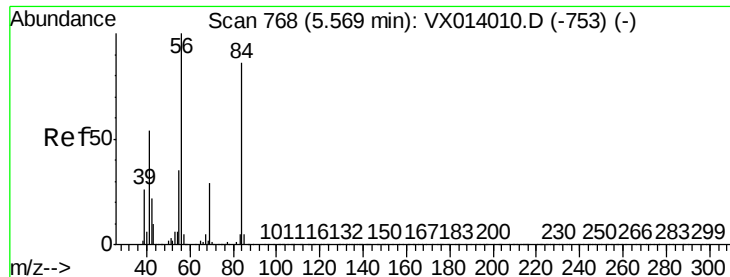
apatel
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#30
Chloroform
Concen: 50.918 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ion	Ratio	Lower	Upper
408671	83	100		
	85	64.1	50.8	76.2





#31

Cyclohexane

Concen: 47.341 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

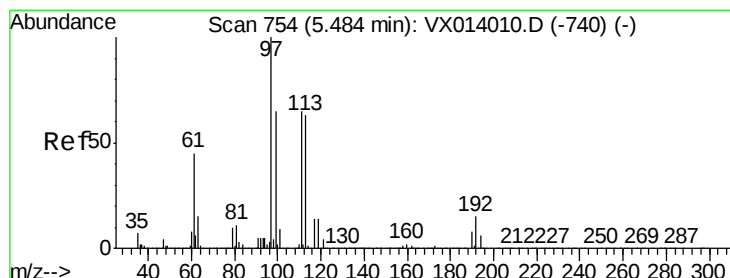
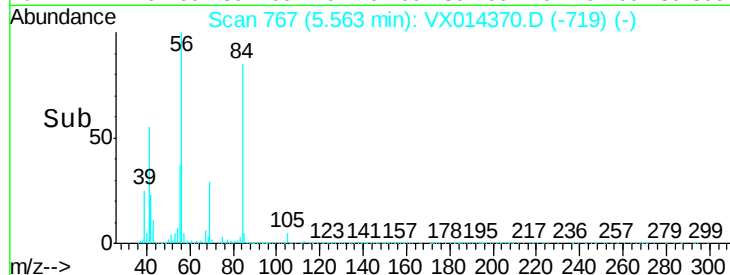
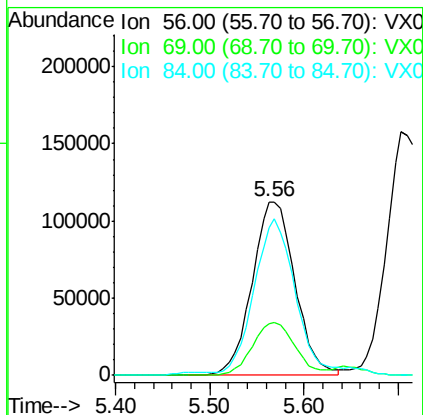
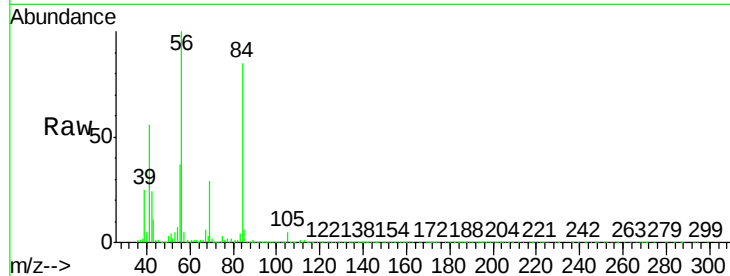
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	356483
Ion Ratio		Lower	Upper
56	100		
69	29.3	23.2	34.8
84	83.4	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 48.015 ug/l

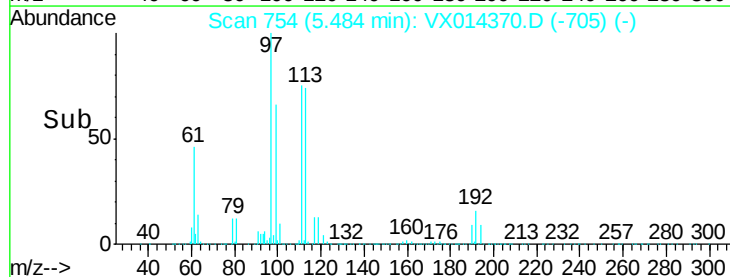
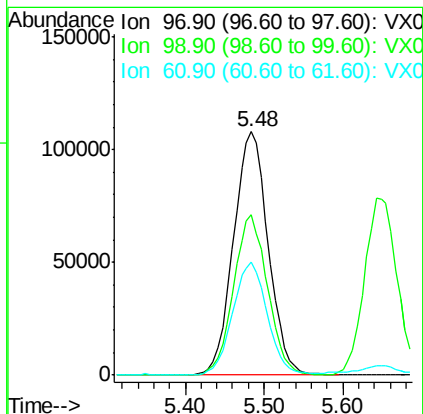
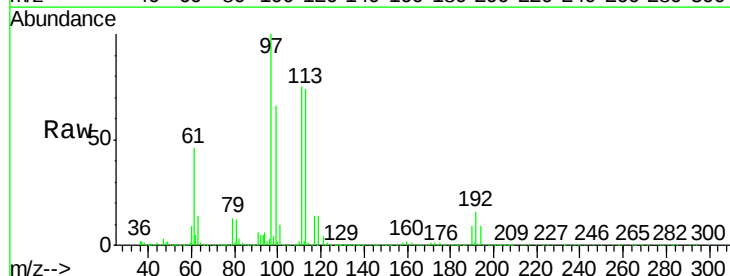
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion:	97	Resp:	328441
Ion Ratio		Lower	Upper
97	100		
99	64.5	52.0	78.0
61	45.9	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 54.771 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 276002

Ion Ratio Lower Upper

65 100

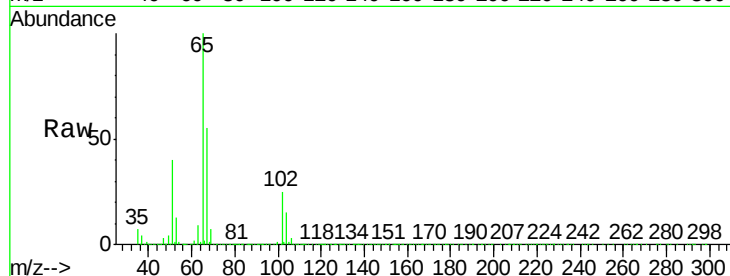
67 53.5 0.0 106.4

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

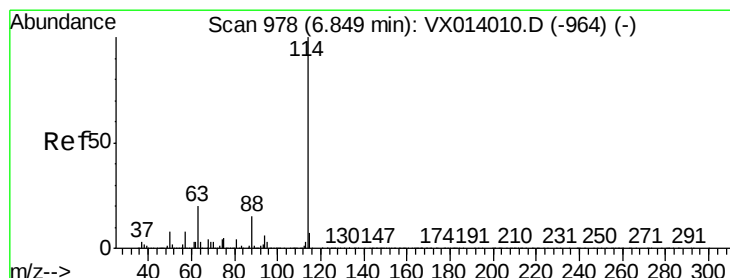
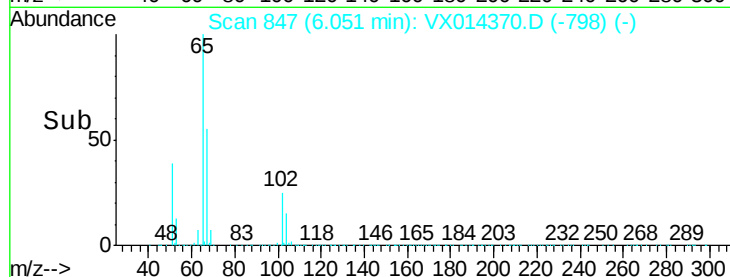
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

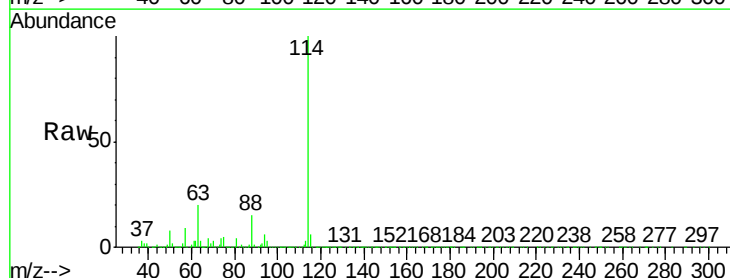
Tgt Ion: 114 Resp: 676898

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

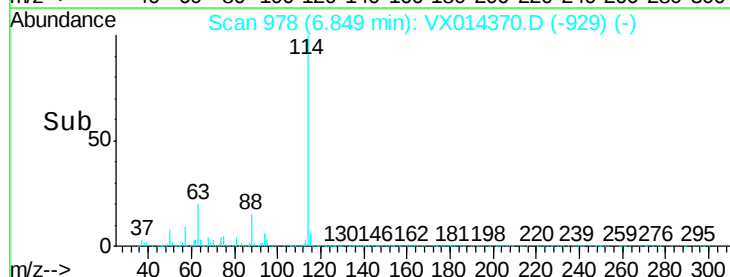
300000

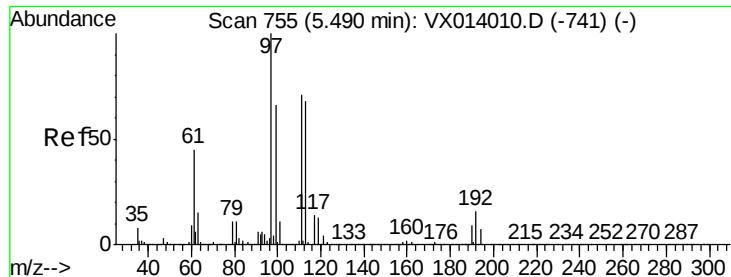
200000

100000

0

Time--> 6.70 6.80 6.90





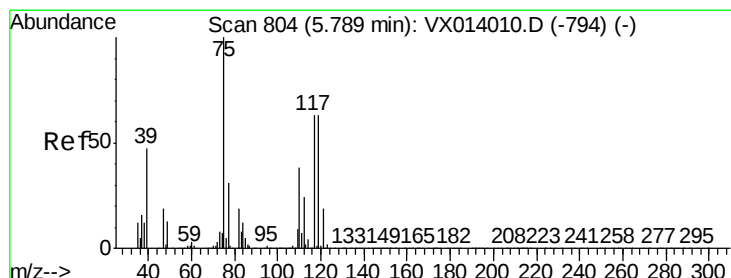
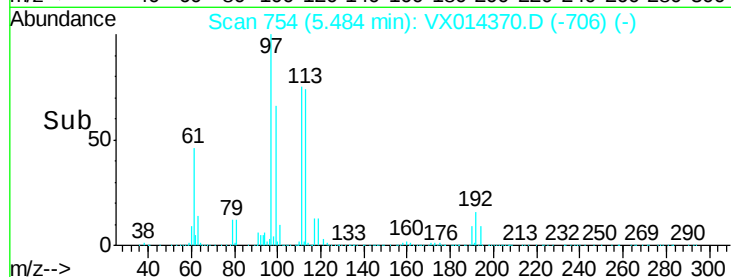
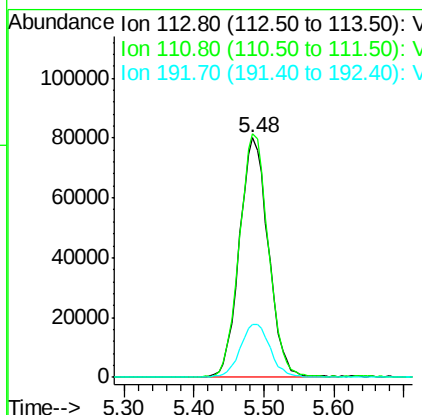
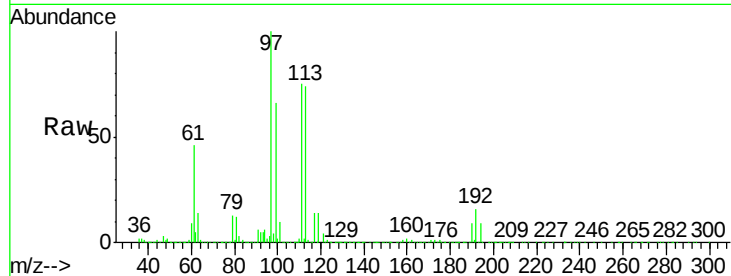
#35
Dibromofluoromethane
Concen: 56.055 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	230654		
111	101.4	82.0	123.0	
192	22.8	19.3	28.9	

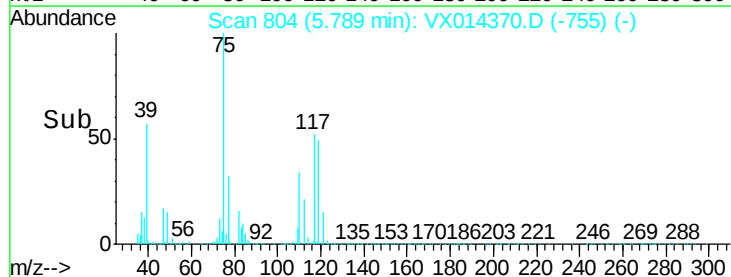
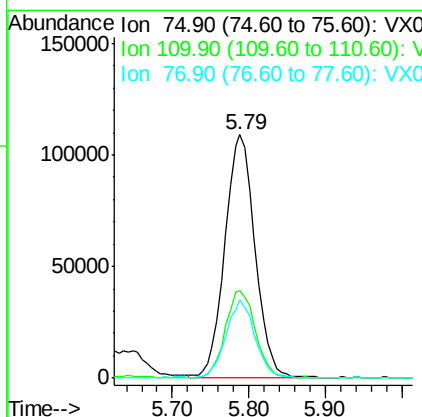
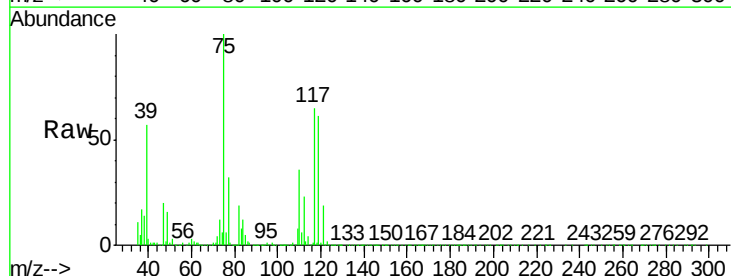
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 47.509 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	295077		
110	36.4	18.3	54.9	
77	30.9	24.8	37.2	





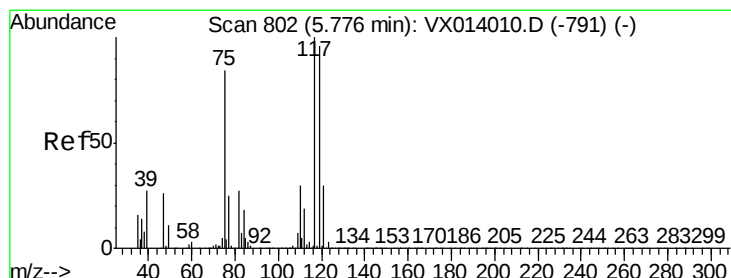
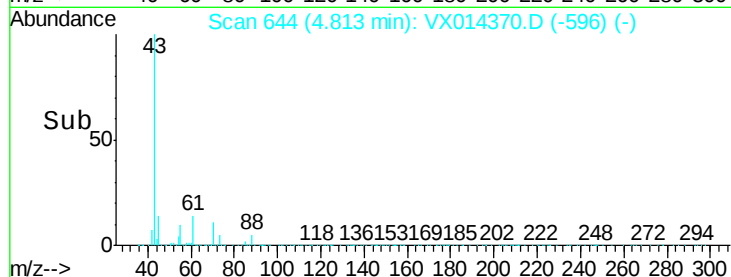
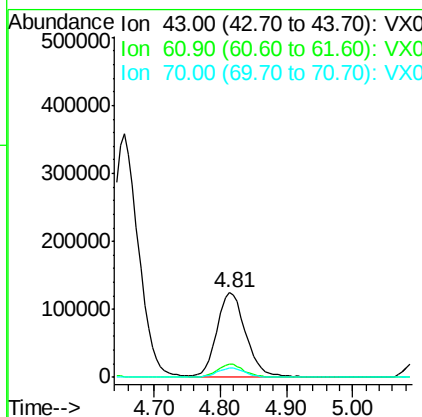
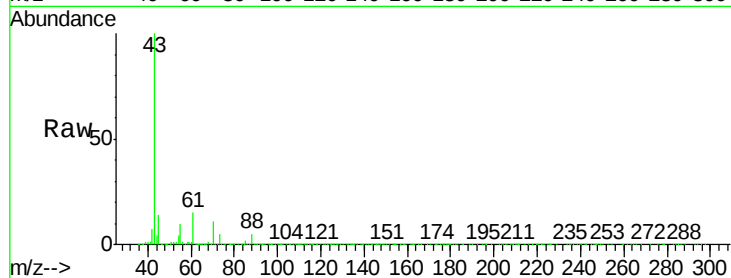
#37
Ethyl Acetate
Concen: 54.313 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	11.2	8.6	12.8

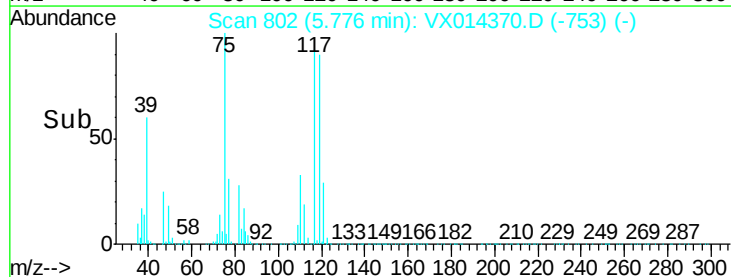
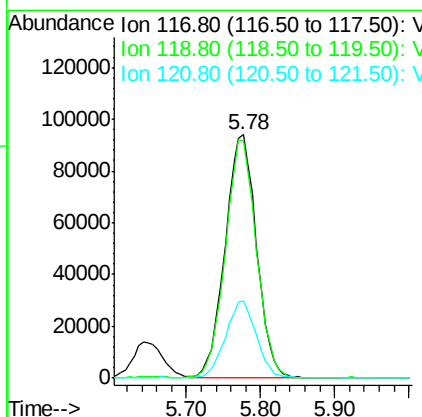
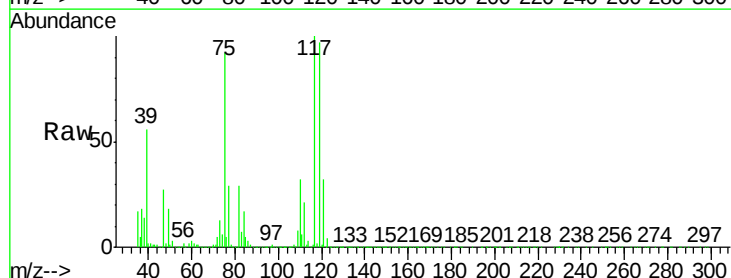
Manual Integrations
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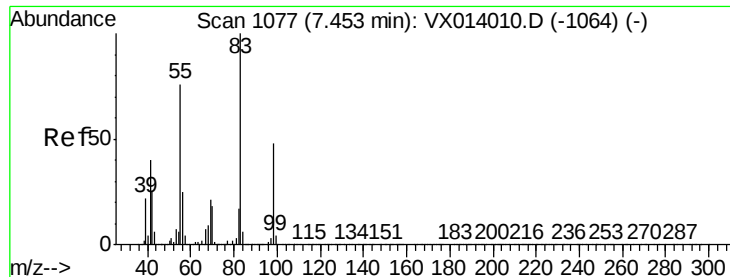
apatel
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#38
Carbon Tetrachloride
Concen: 48.739 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.4
121	31.6	23.6	35.4





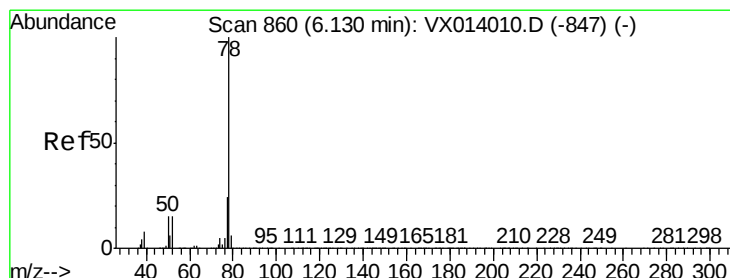
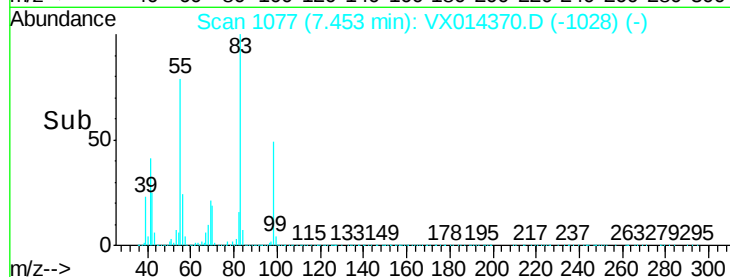
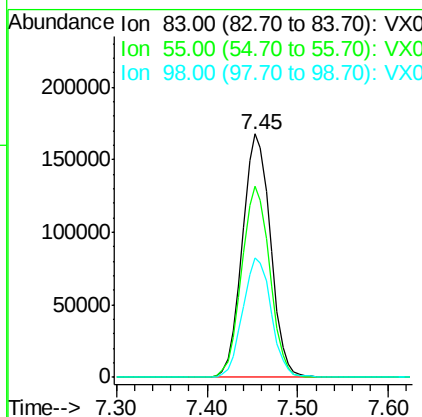
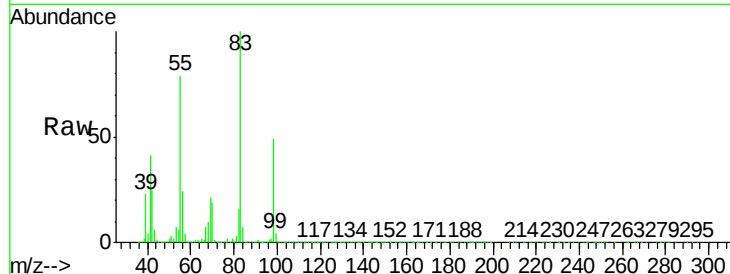
#39
Methvlcvclohexane
Concen: 47.286 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.5	61.0	91.6	
98	48.9	38.6	57.8	

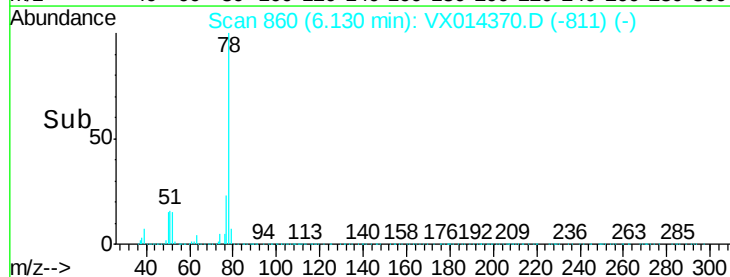
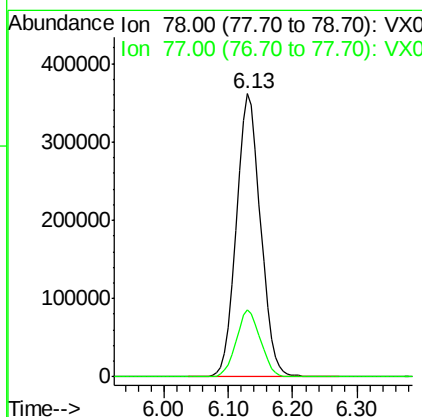
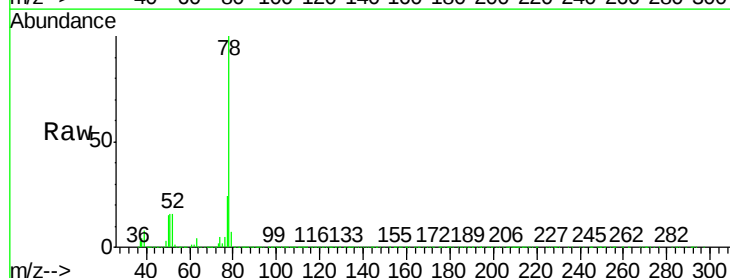
Manual Integrations
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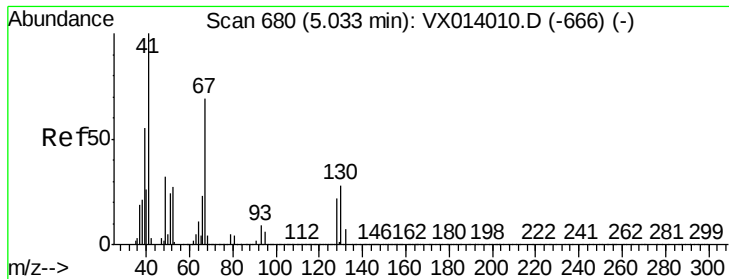
apatel
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#40
Benzene
Concen: 49.316 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.8	28.2	





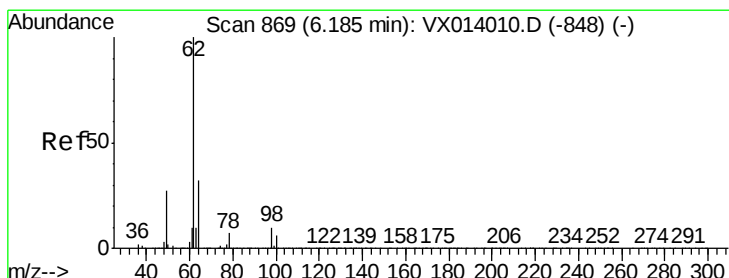
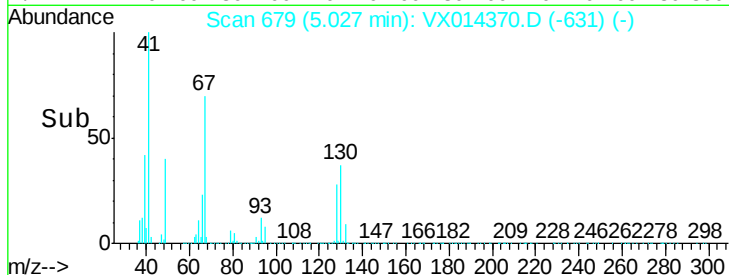
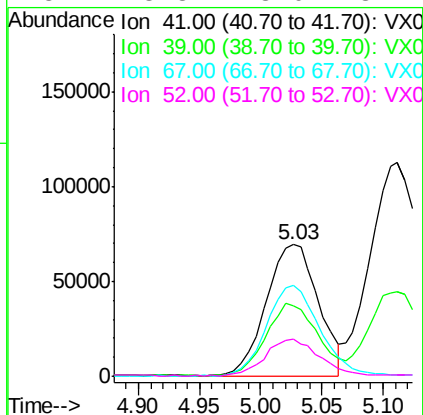
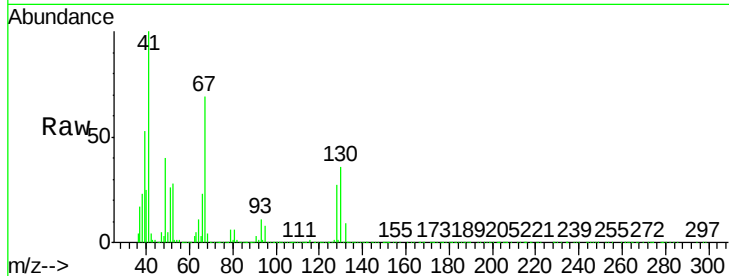
#41
Methacrylonitrile
Concen: 54.604 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		207796		
39	54.9	44.5	66.7		
67	70.0	57.4	86.0		
52	28.8	23.0	34.4		

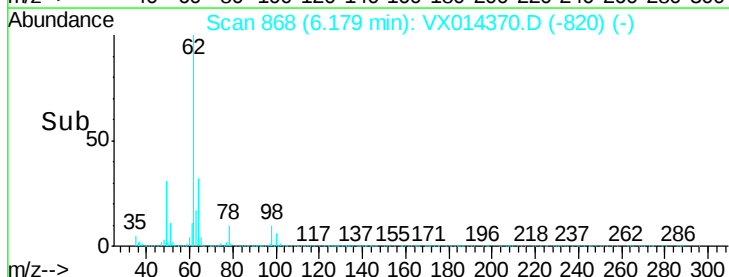
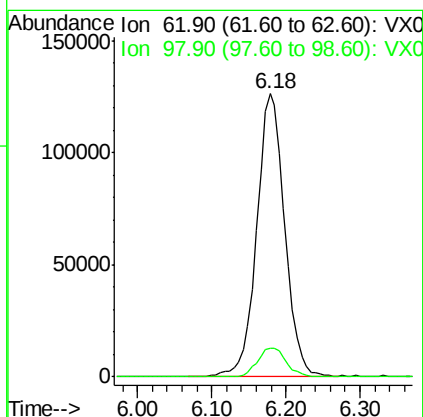
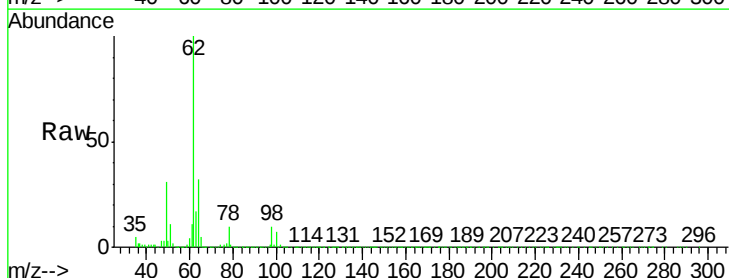
Manual Integrations
APPROVED

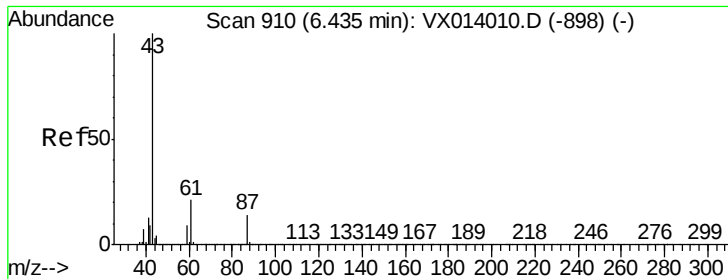
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#42
1,2-Dichloroethane
Concen: 51.209 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		331728		
98	10.3	0.0	21.0		





#43

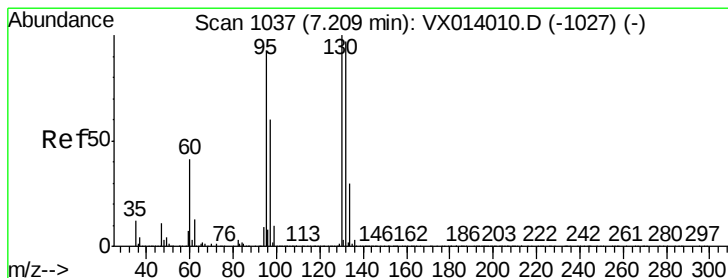
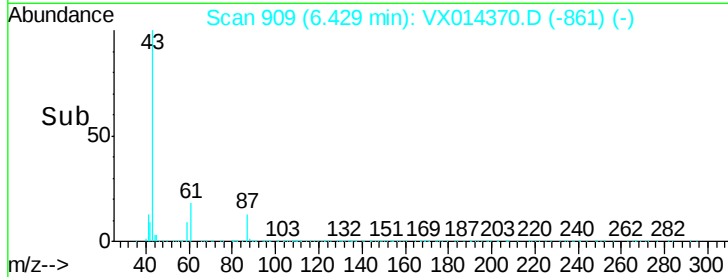
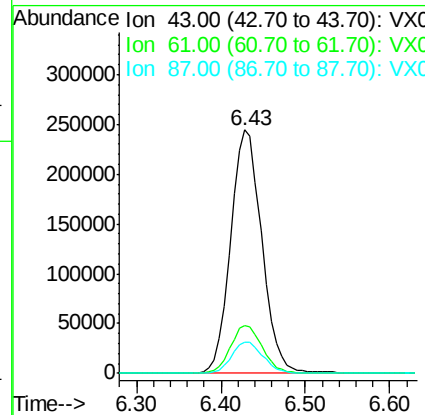
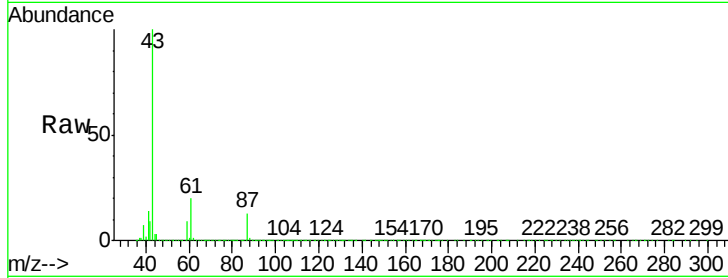
Isopropyl Acetate
 Concen: 53.874 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.4	24.6
87	13.0	10.7	16.1

Manual Integrations
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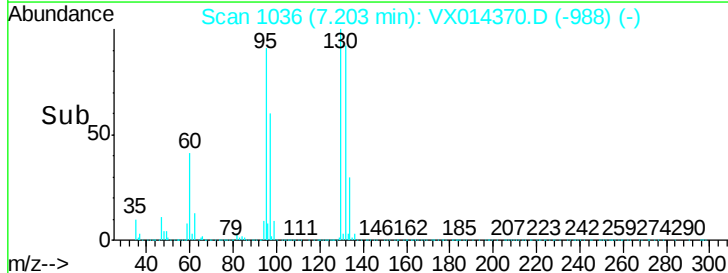
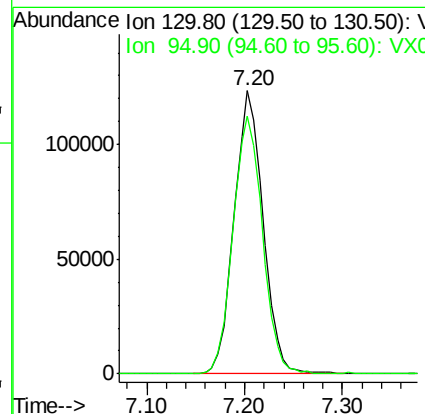
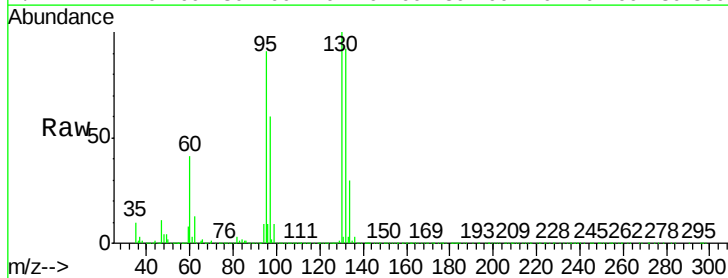
apatel
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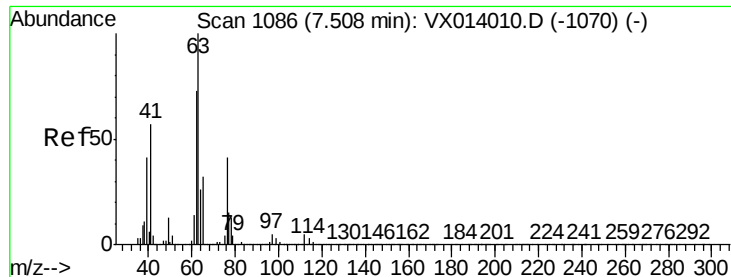


#44

Trichloroethene
 Concen: 48.027 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	185.6





#45

1,2-Dichloropropane

Concen: 52.882 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 259022

Ion Ratio Lower Upper

63 100

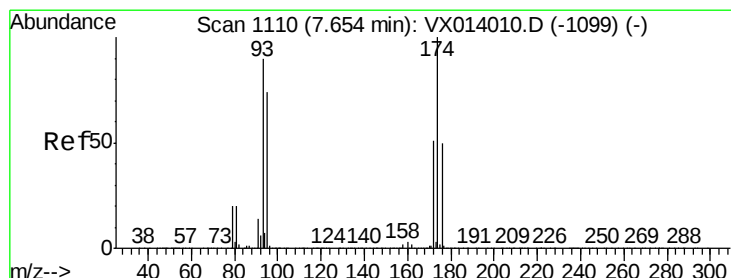
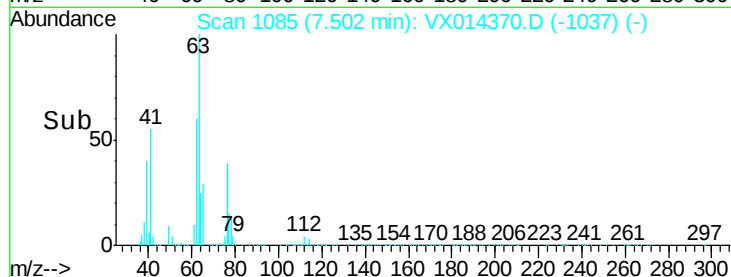
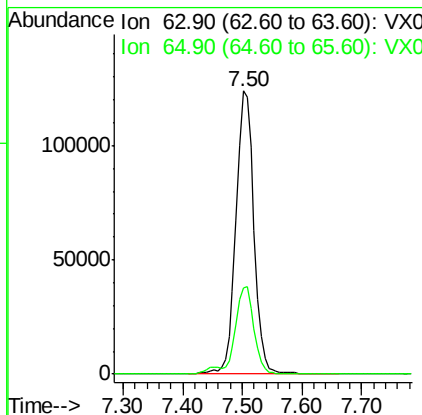
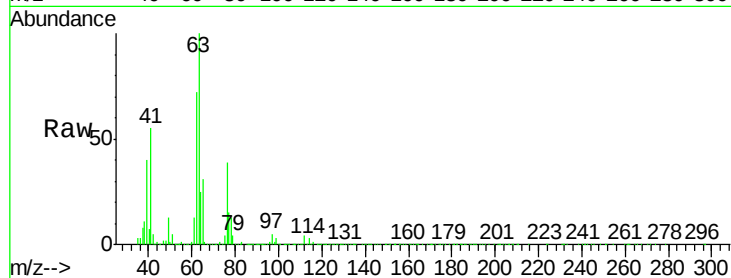
65 30.4 25.8 38.8

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#46

Dibromomethane

Concen: 50.890 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

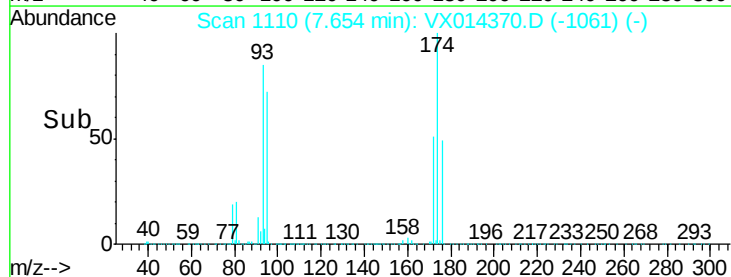
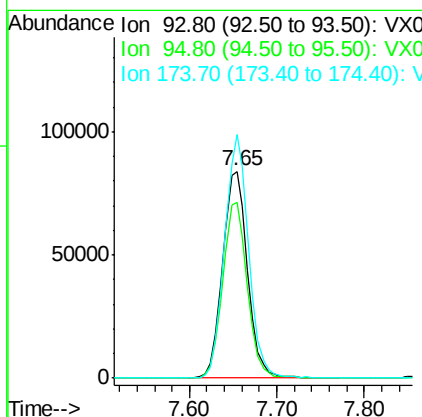
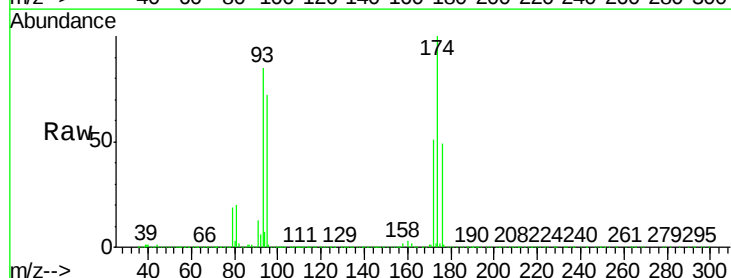
Tgt Ion: 93 Resp: 164803

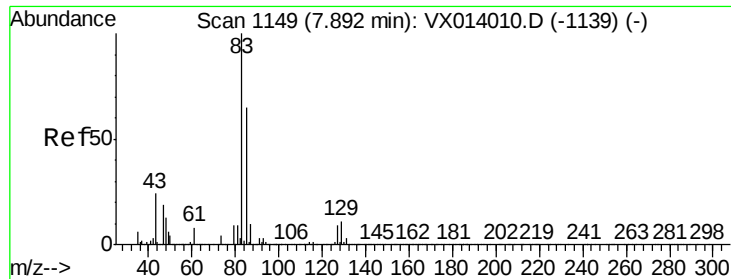
Ion Ratio Lower Upper

93 100

95 83.7 67.3 100.9

174 113.9 91.6 137.4





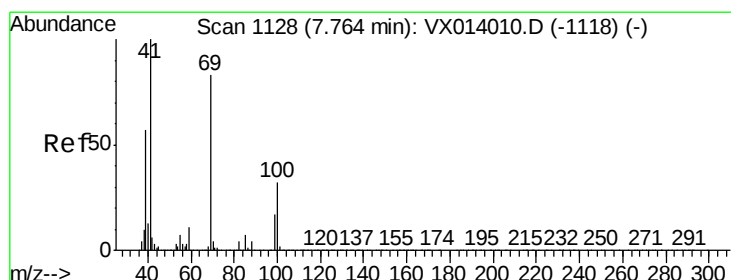
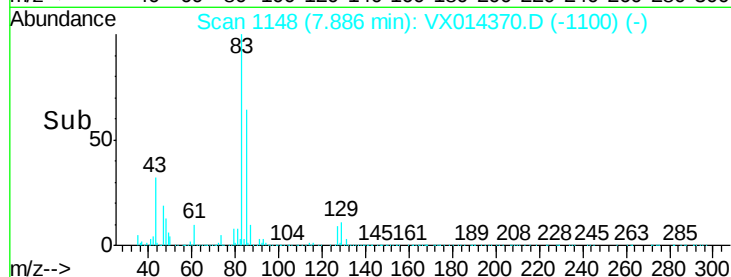
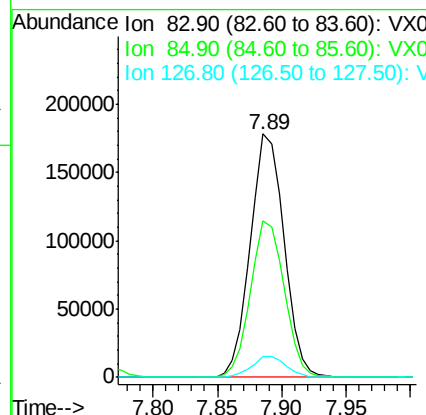
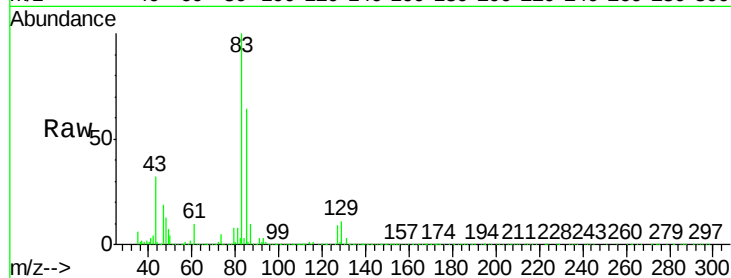
#47
Bromodichloromethane
Concen: 52.902 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	322649		
85	64.1	51.8	77.8	
127	8.7	7.0	10.4	

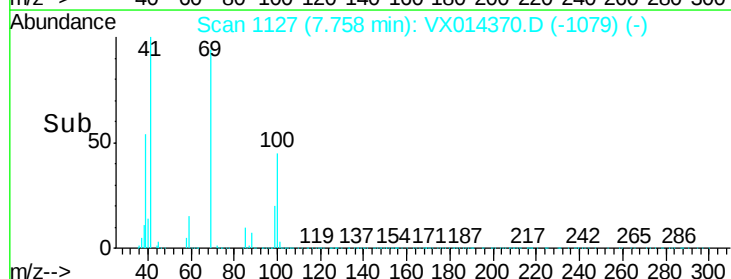
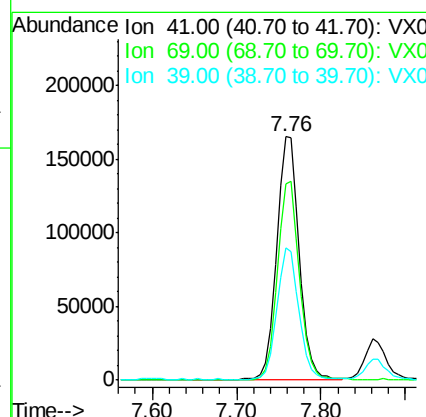
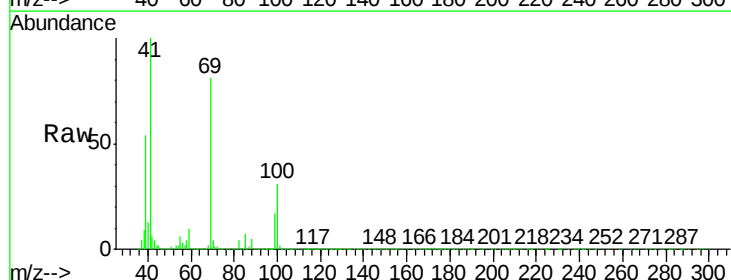
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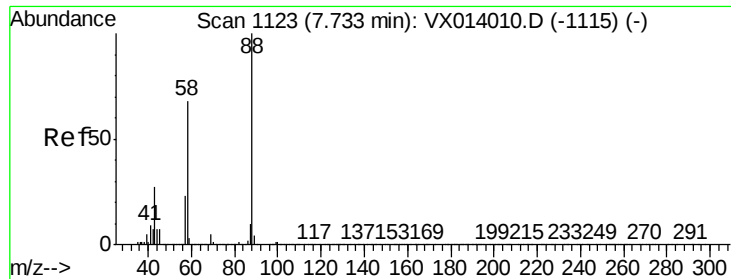
apatel
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#48
Methyl methacrylate
Concen: 54.884 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	305052		
69	80.2	65.8	98.6	
39	53.0	44.6	67.0	





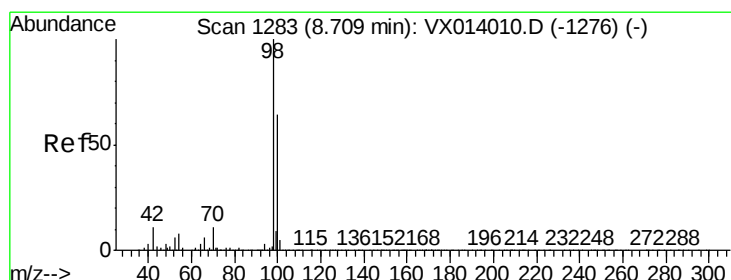
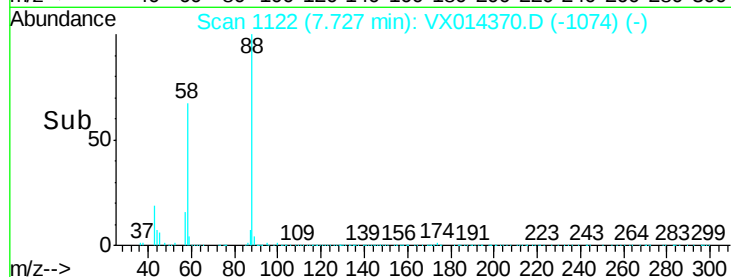
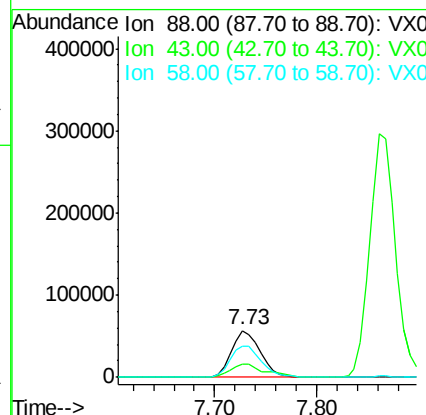
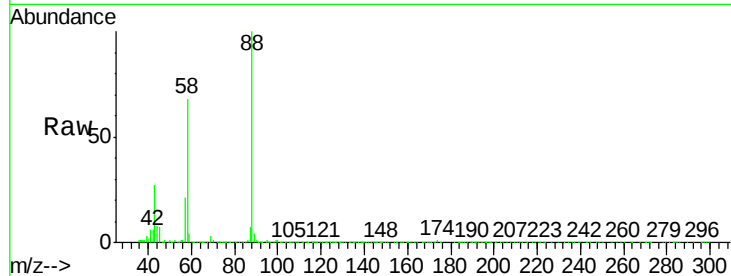
#49
1,4-Dioxane
Concen: 960.119 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.0	26.5	39.7	
58	72.1	56.8	85.2	

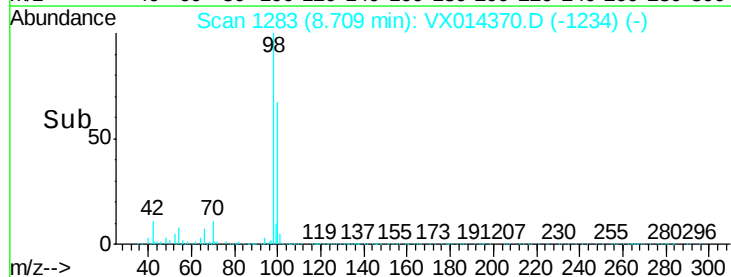
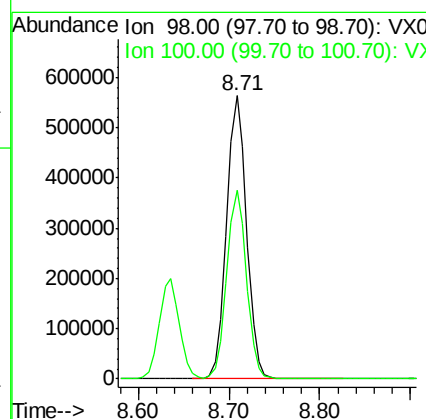
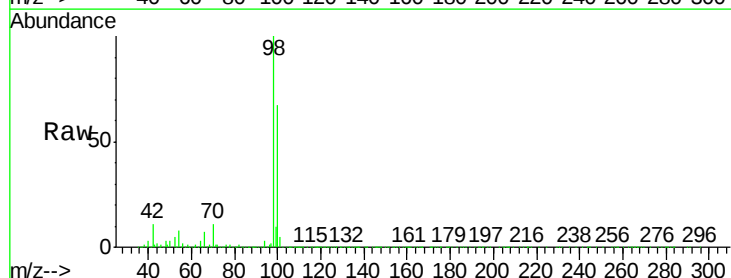
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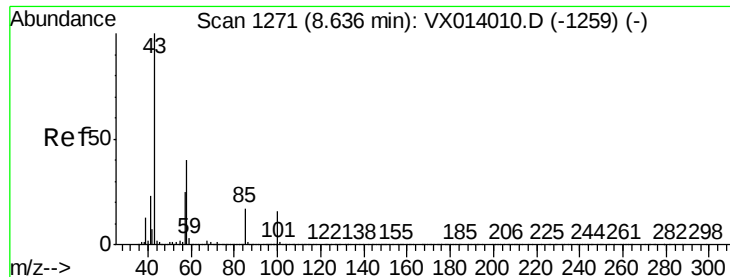
apatel
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#50
Toluene-d8
Concen: 53.836 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

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





#51

4-Methyl-2-Pentanone

Concen: 270.437 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1927788

Ion Ratio Lower Upper

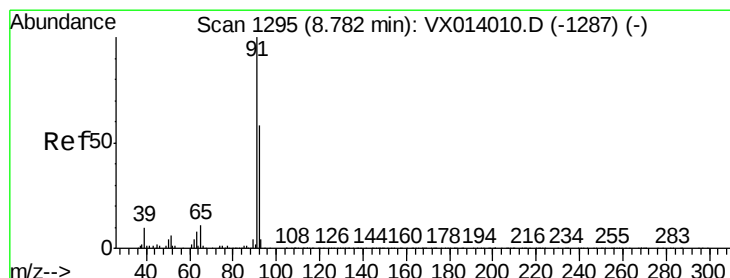
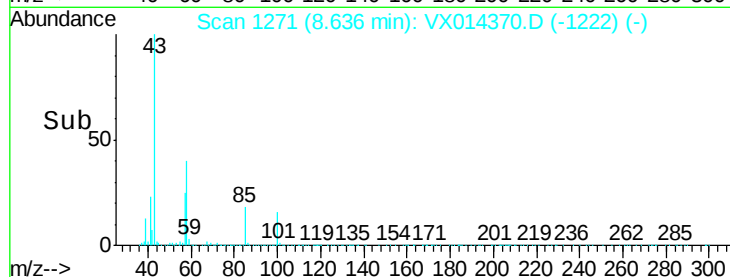
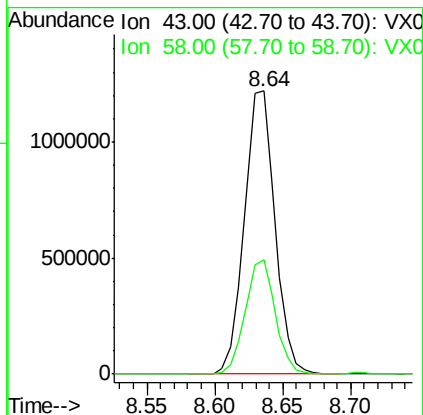
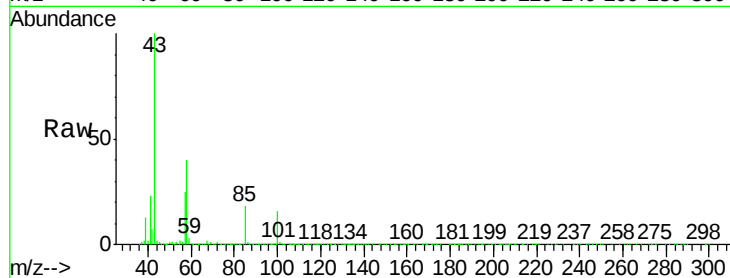
43 100

58 39.6 32.2 48.2

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#52

Toluene

Concen: 48.994 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014370.D

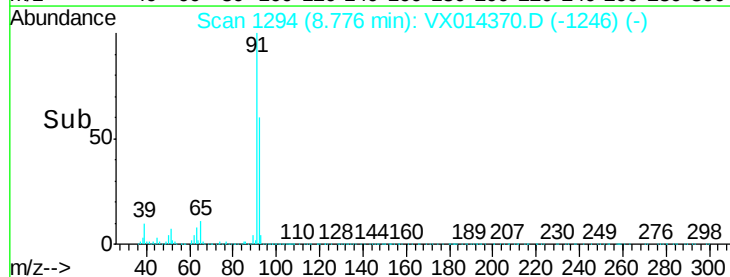
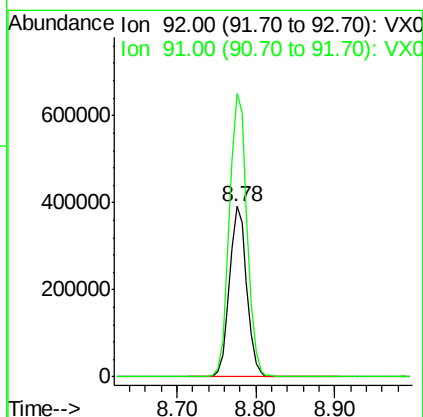
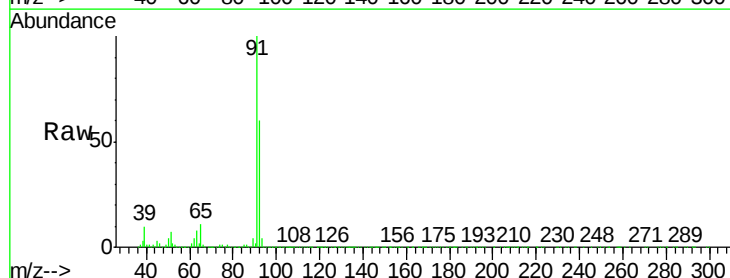
Acq: 31 Dec 2019 11:00

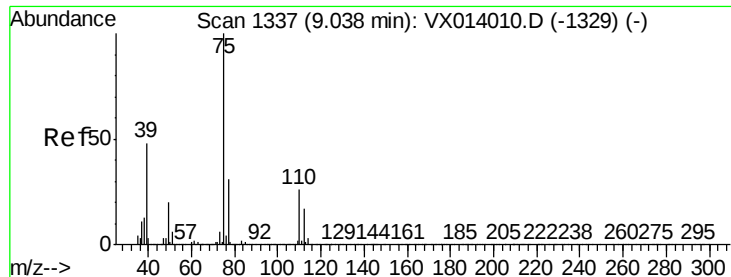
Tgt Ion: 92 Resp: 591799

Ion Ratio Lower Upper

92 100

91 170.0 136.2 204.4





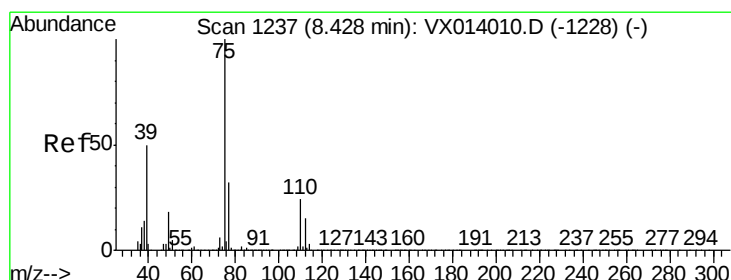
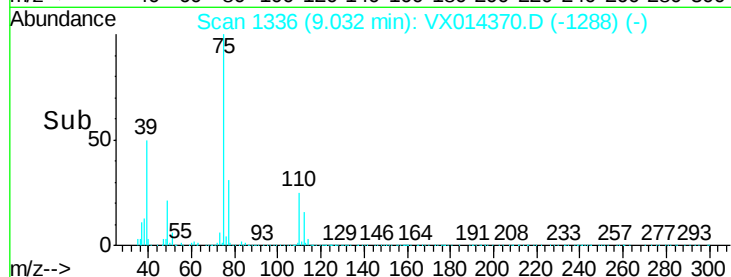
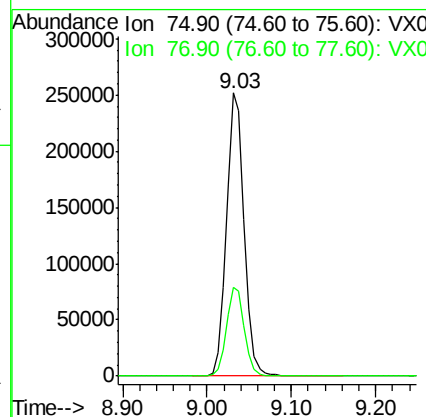
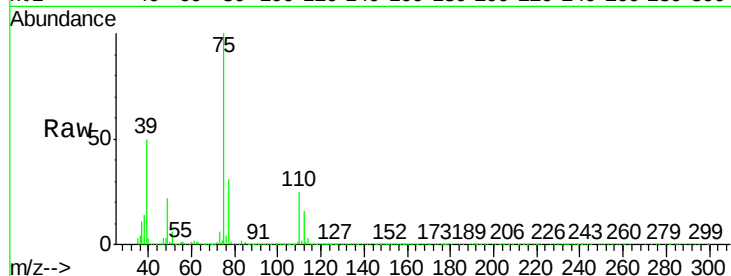
#53
t-1,3-Dichloropropene
Concen: 54.218 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

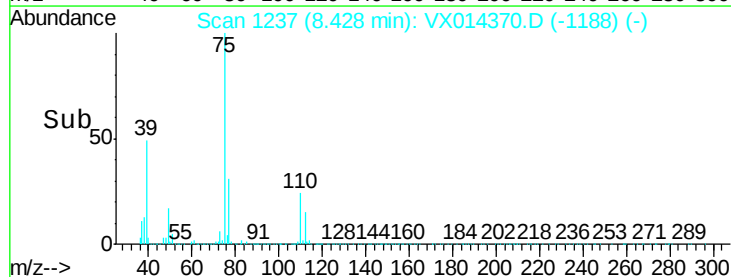
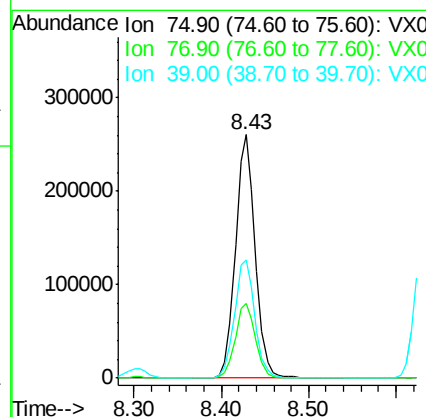
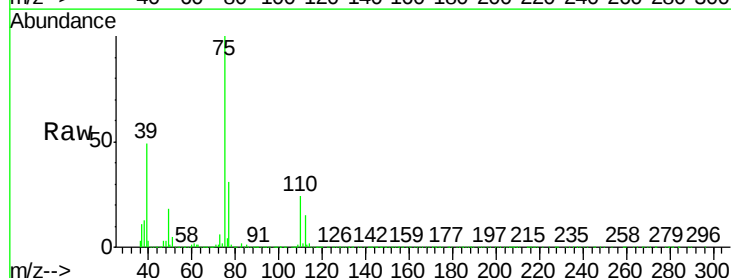
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#54
cis-1,3-Dichloropropene
Concen: 54.600 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9
39	48.7	39.9	59.9





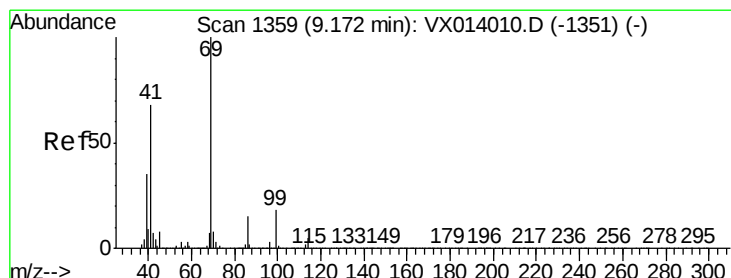
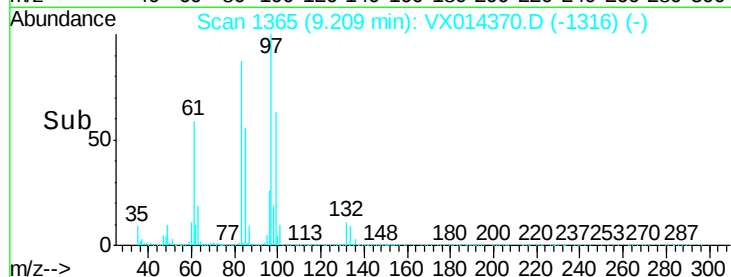
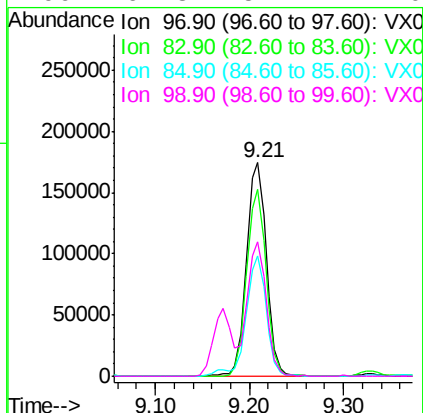
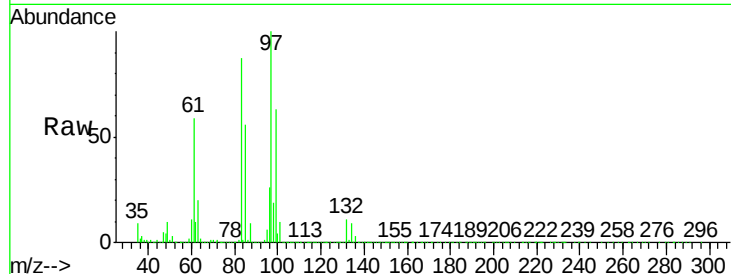
#55
 1,1,2-Trichloroethane
 Concen: 53.549 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	259241
Ion Ratio	Lower	Upper	
97	100		
83	87.1	68.2	102.4
85	56.3	44.6	66.8
99	62.8	51.4	77.0

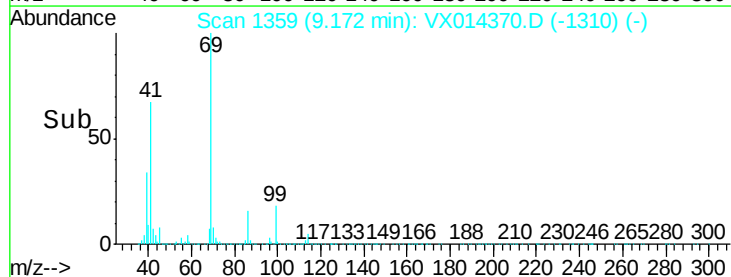
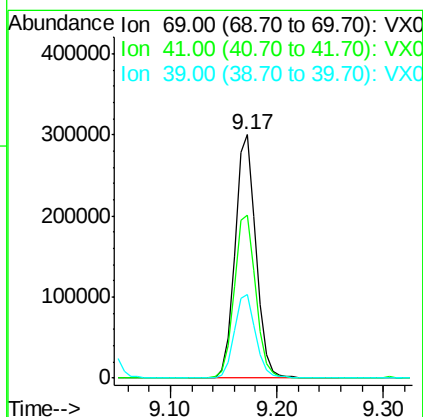
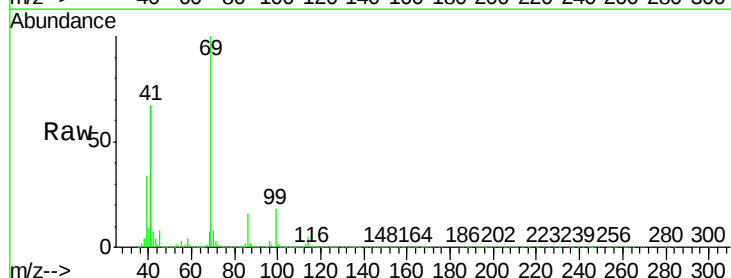
Manual Integrations
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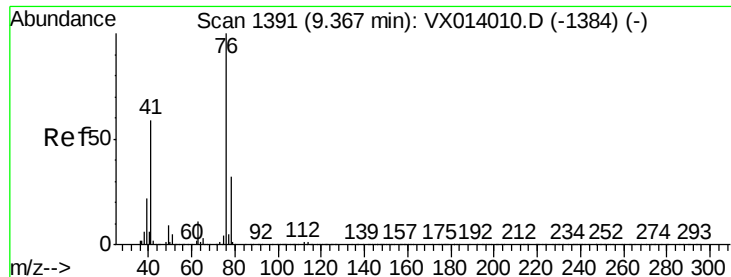
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#56
 Ethyl methacrylate
 Concen: 54.154 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Tgt Ion:	69	Resp:	411823
Ion Ratio	Lower	Upper	
69	100		
41	68.9	54.8	82.2
39	35.0	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.760 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 429739

Ion Ratio Lower Upper

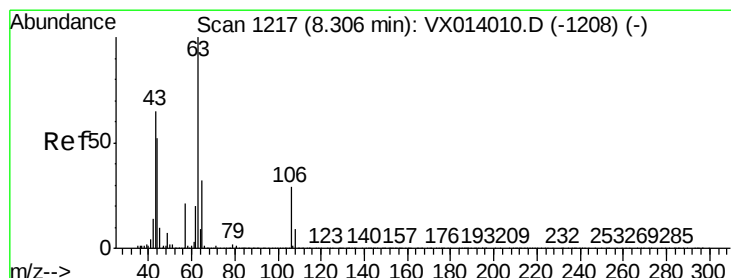
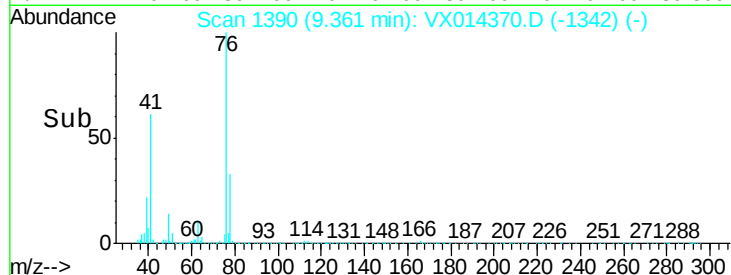
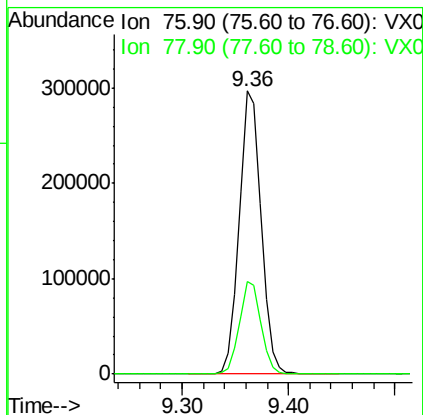
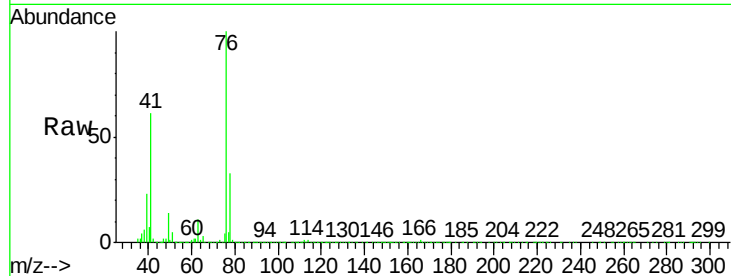
76 100

78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 289.173 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014370.D

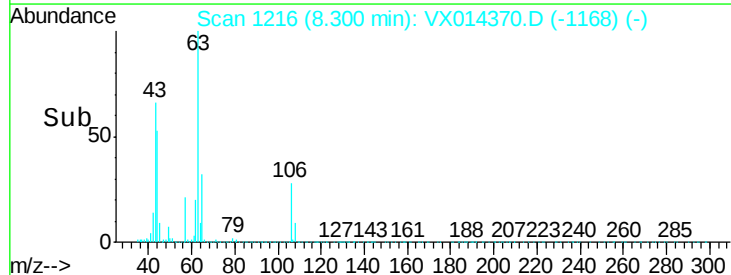
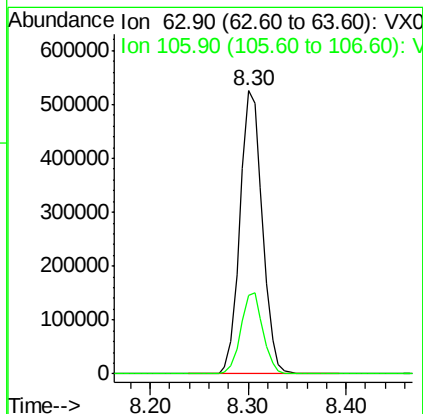
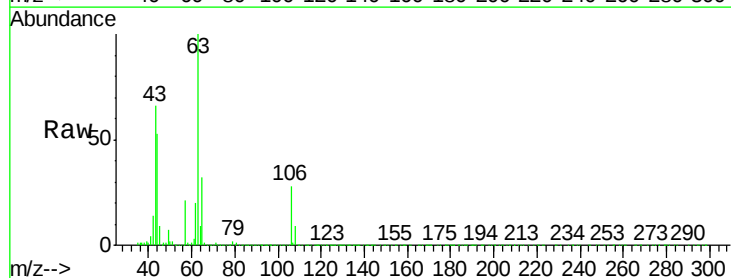
Acq: 31 Dec 2019 11:00

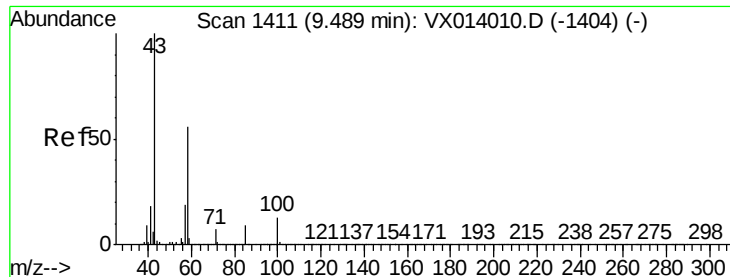
Tgt Ion: 63 Resp: 832200

Ion Ratio Lower Upper

63 100

106 28.3 23.0 34.6





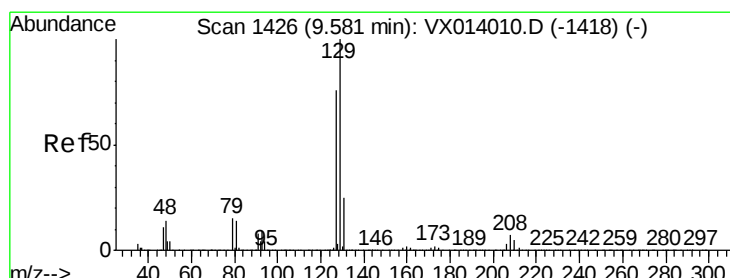
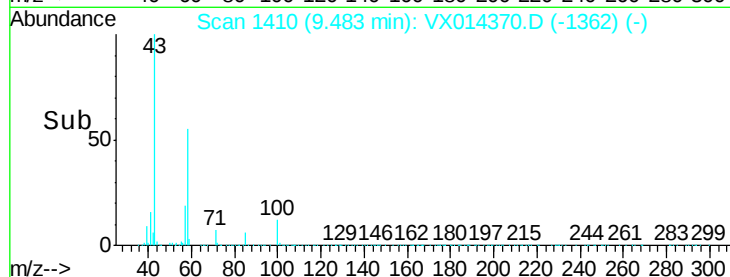
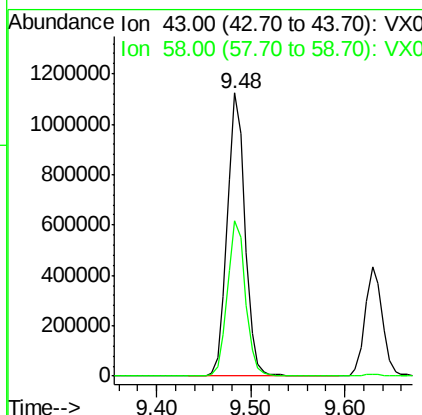
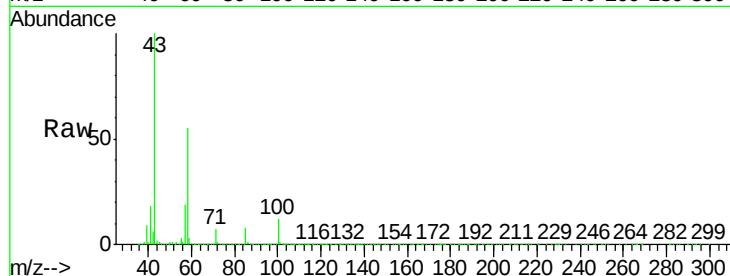
#59
2-Hexanone
Concen: 256.403 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1471342
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0

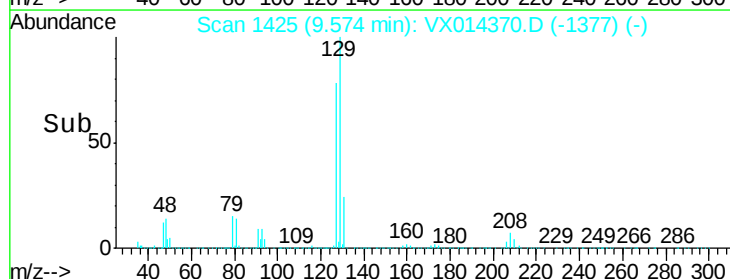
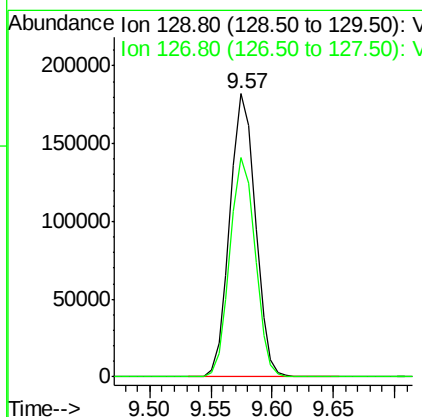
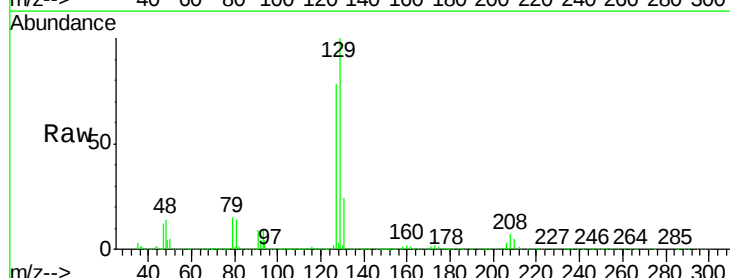
Manual Integrations
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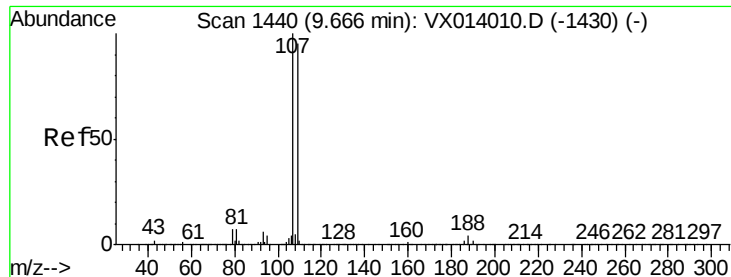
apatel
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#60
Dibromochloromethane
Concen: 54.674 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion: 129 Resp: 263099
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.811 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 261584

Ion Ratio Lower Upper

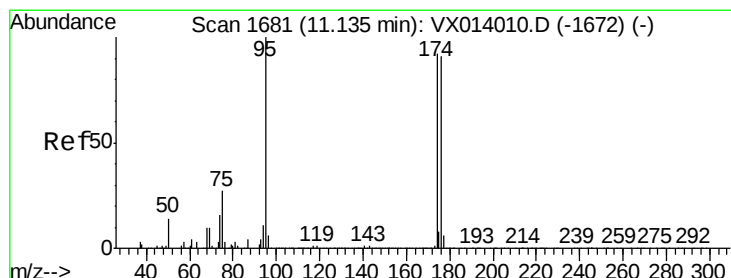
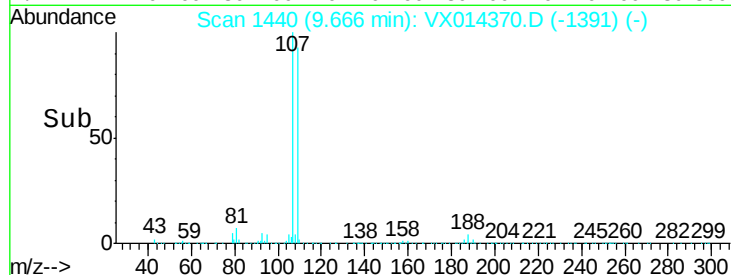
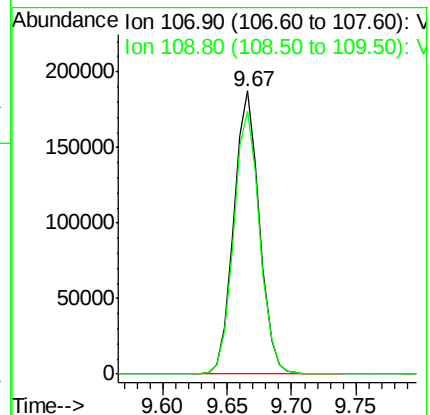
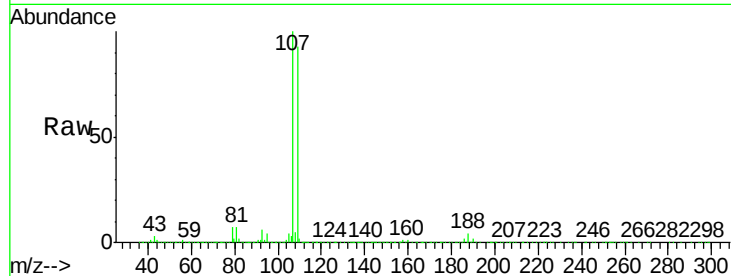
107 100

109 94.5 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 53.922 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

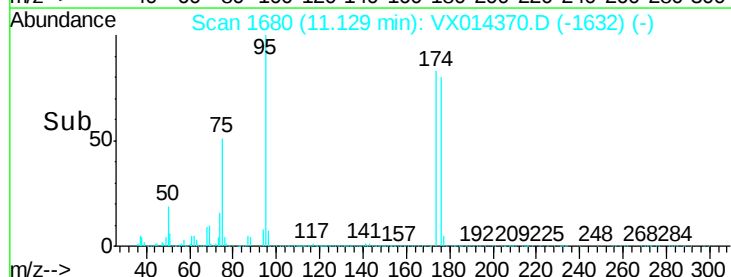
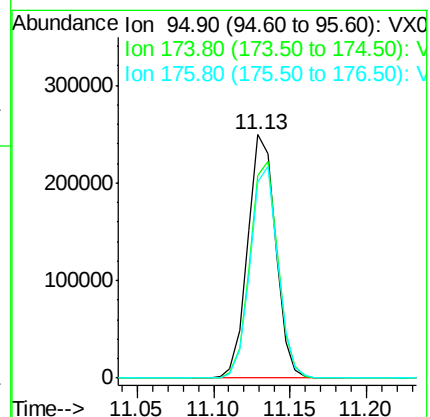
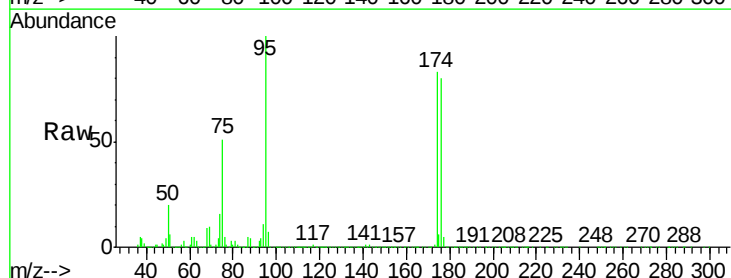
Tgt Ion: 95 Resp: 315765

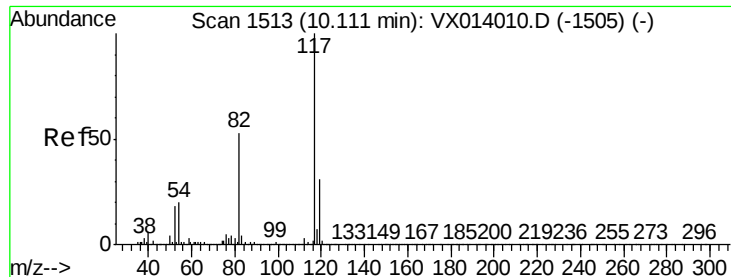
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 86.5 0.0 173.0





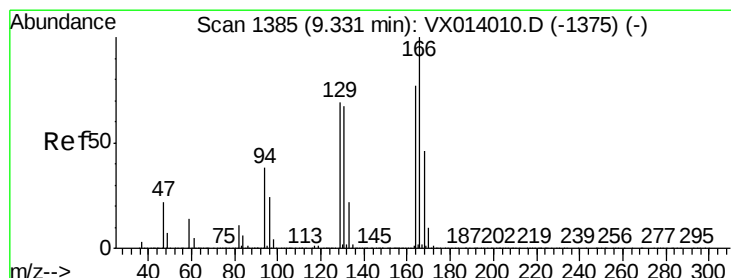
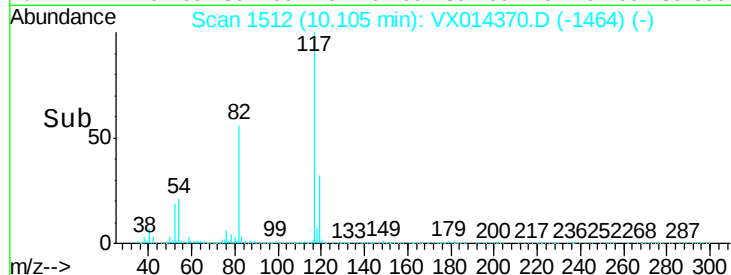
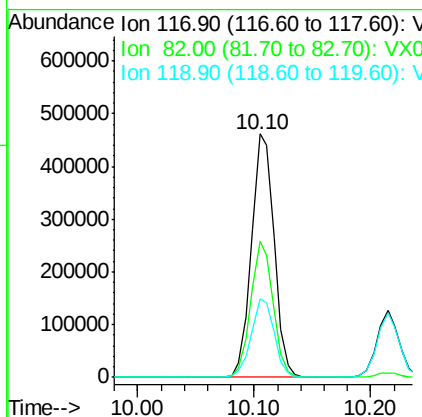
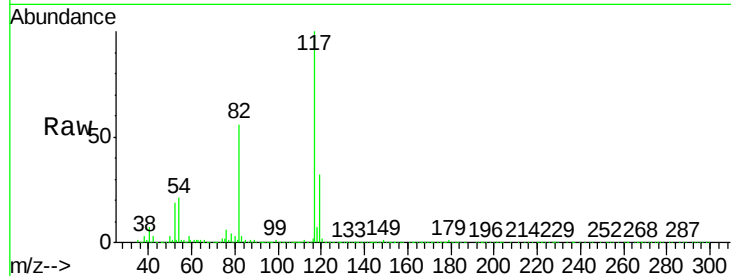
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.8	42.2	63.4
119	32.1	25.1	37.7

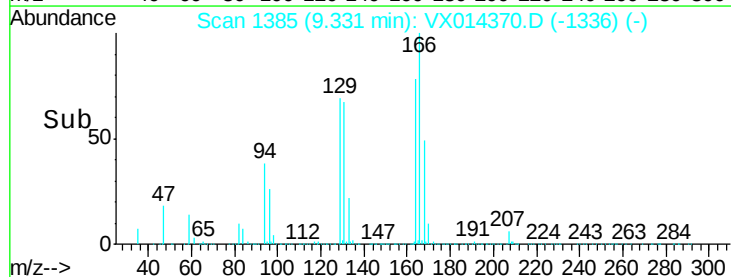
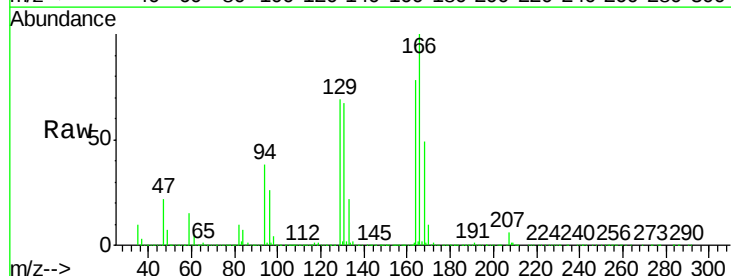
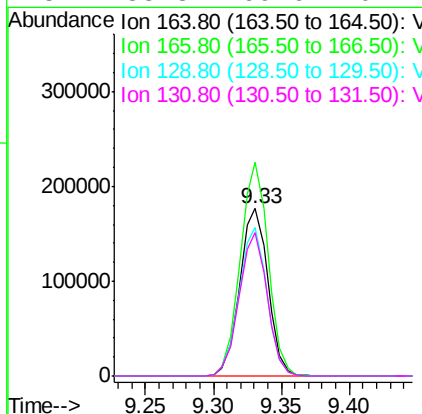
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#64
Tetrachloroethene
Concen: 46.001 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.6	104.0	156.0
129	88.5	72.2	108.4
131	85.3	69.6	104.4





#65

Chlorobenzene

Concen: 48.326 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 646818

Ion Ratio Lower Upper

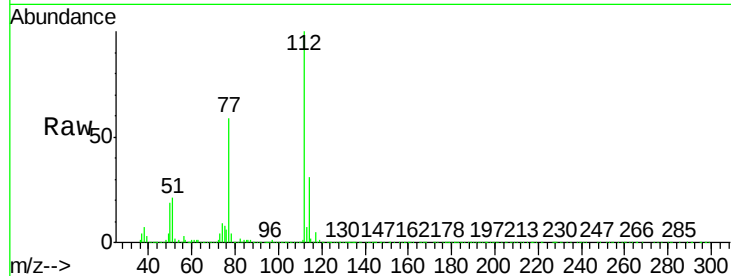
112 100

114 31.4 24.9 37.3

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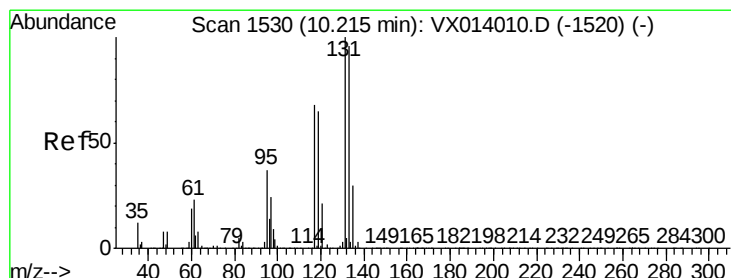
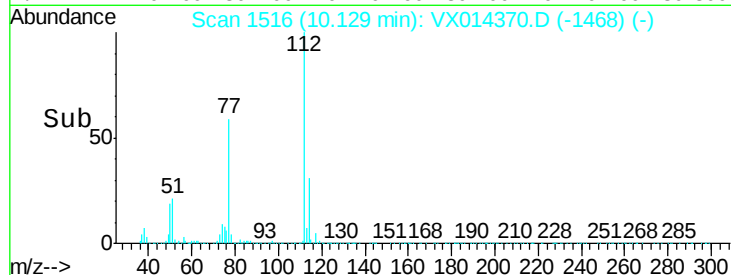
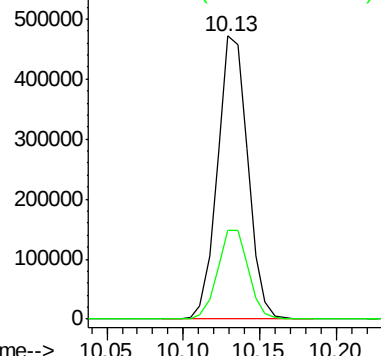
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.738 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

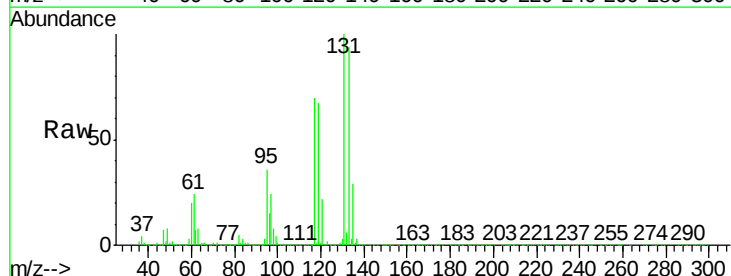
Tgt Ion:131 Resp: 242478

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

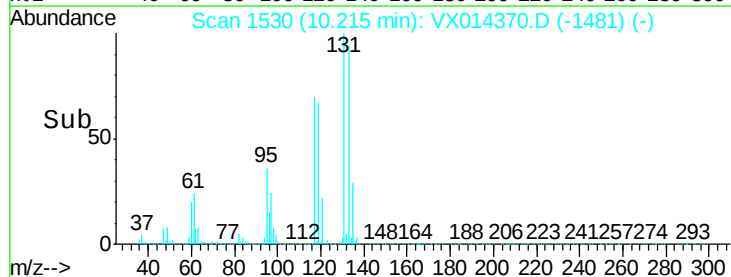
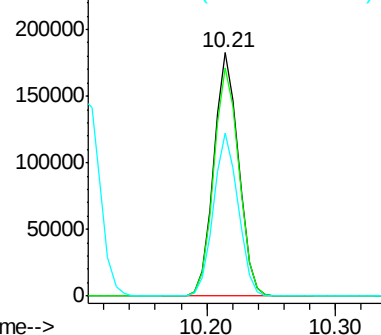
119 66.7 33.4 100.2

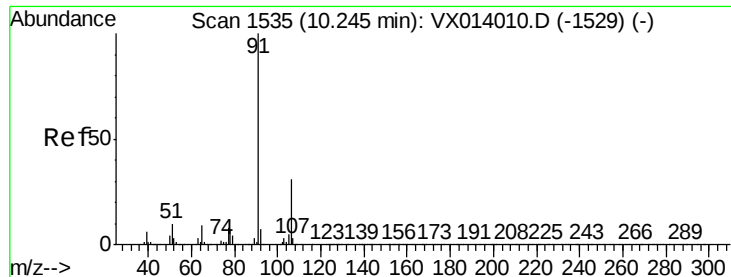


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.118 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1130277

Ion Ratio Lower Upper

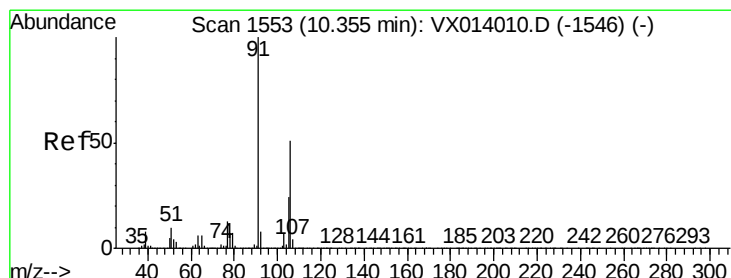
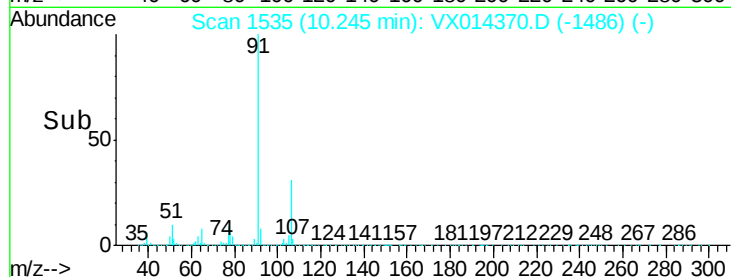
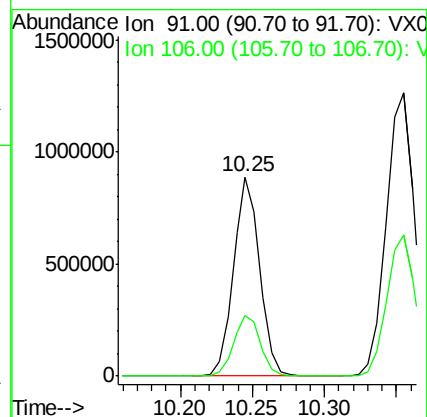
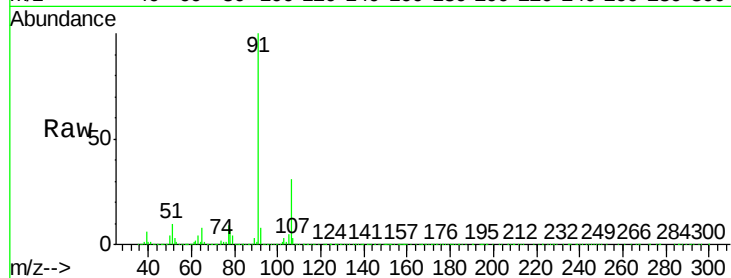
91 100

106 30.5 25.0 37.6

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#68

m/p-Xylenes

Concen: 96.771 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014370.D

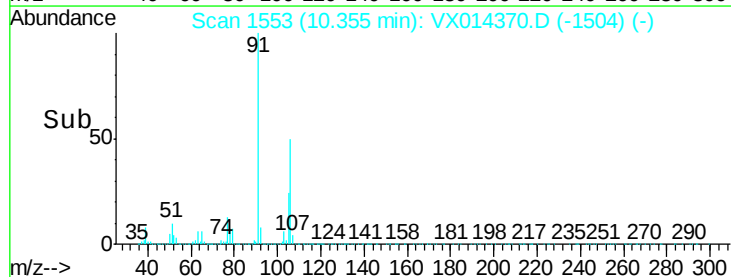
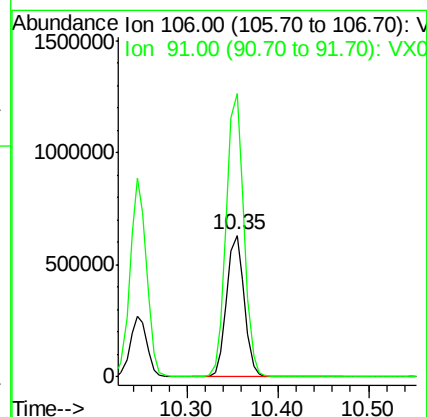
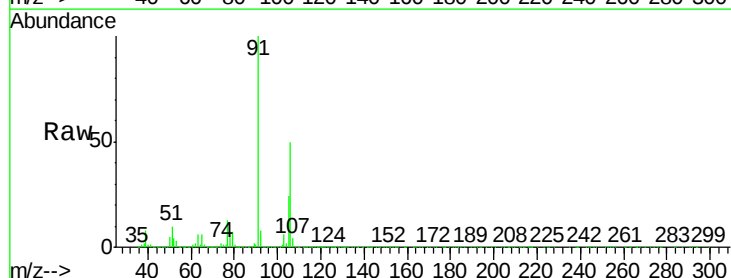
Acq: 31 Dec 2019 11:00

Tgt Ion: 106 Resp: 856471

Ion Ratio Lower Upper

106 100

91 200.6 158.6 238.0





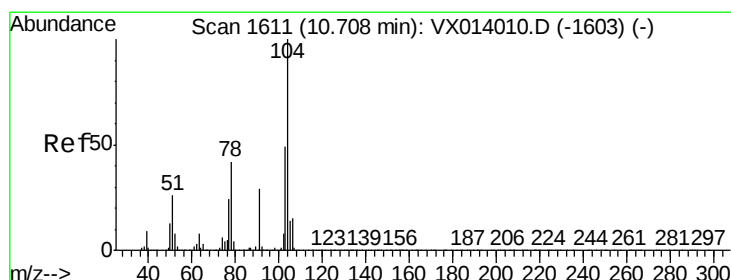
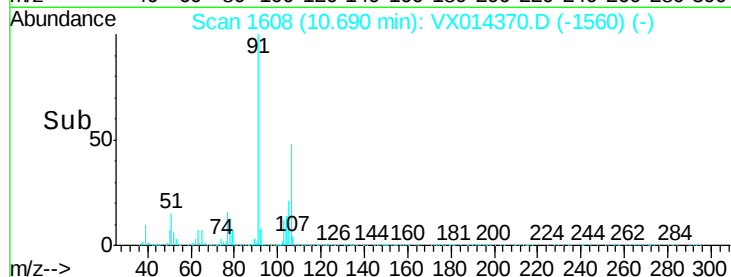
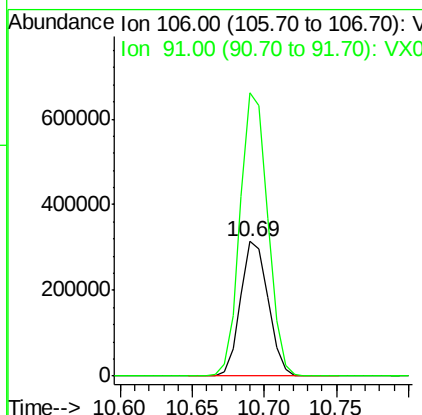
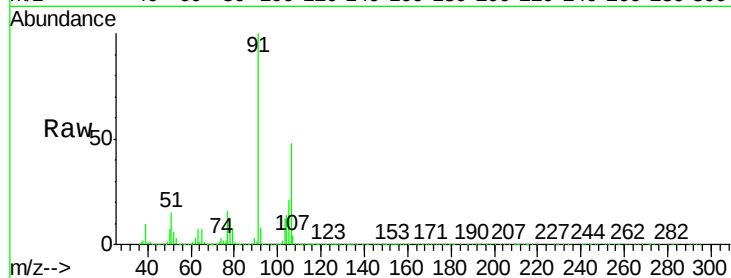
#69
o-Xylene
Concen: 48.461 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	104.2	312.6

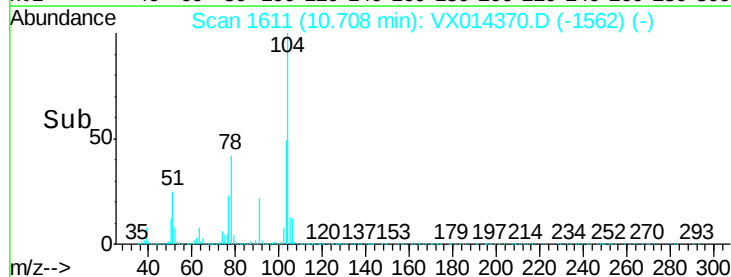
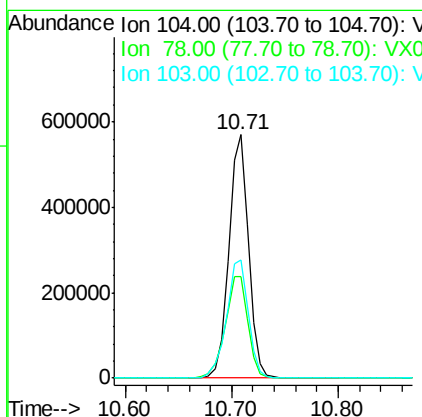
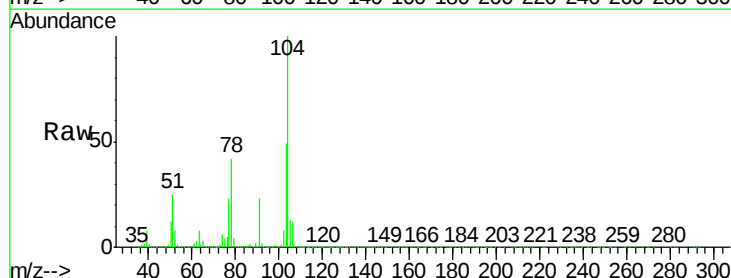
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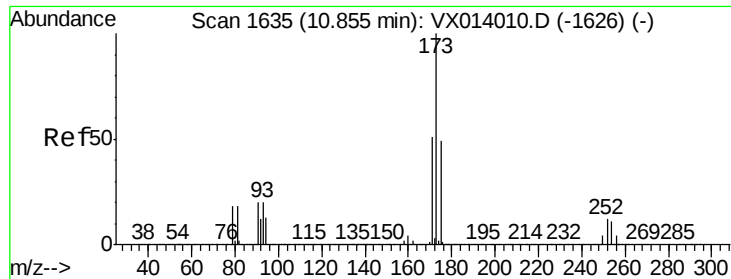
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#70
Styrene
Concen: 50.184 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.5	57.7
103	54.2	42.9	64.3





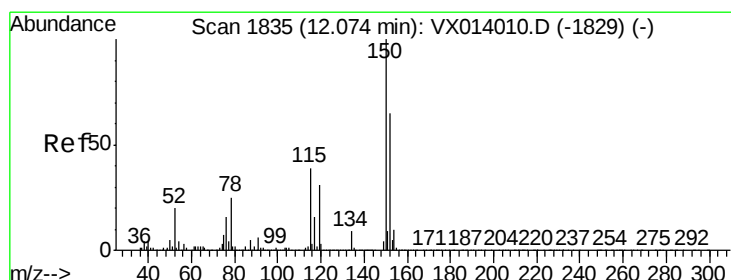
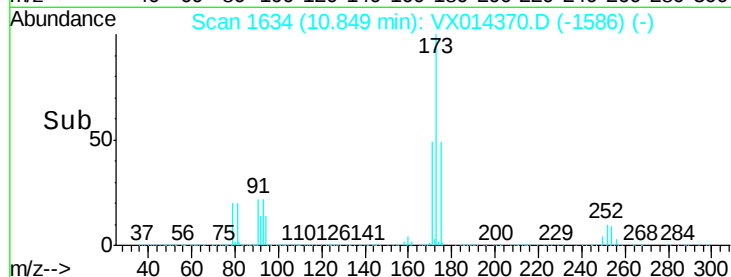
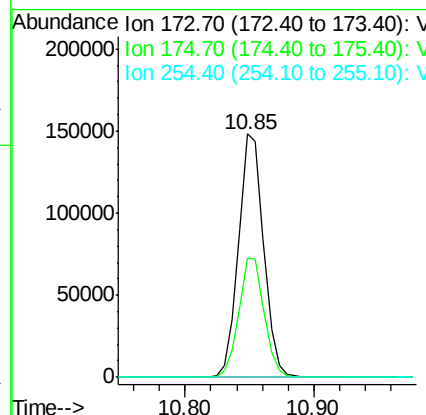
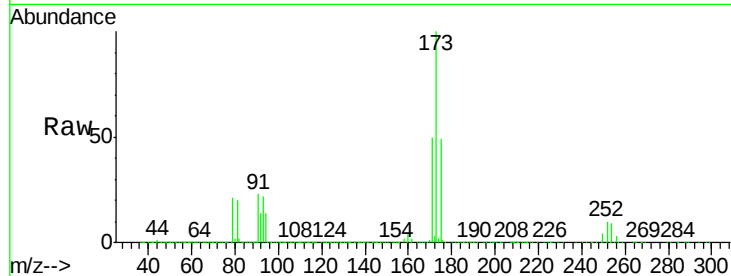
#71
Bromoform
Concen: 52.517 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.4	73.4
254	0.2	0.2	0.2

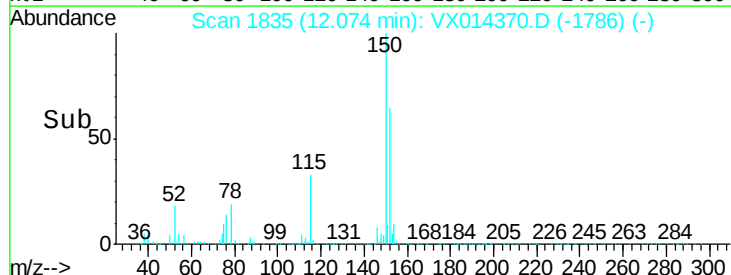
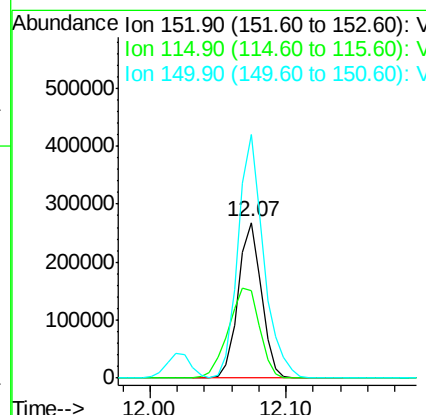
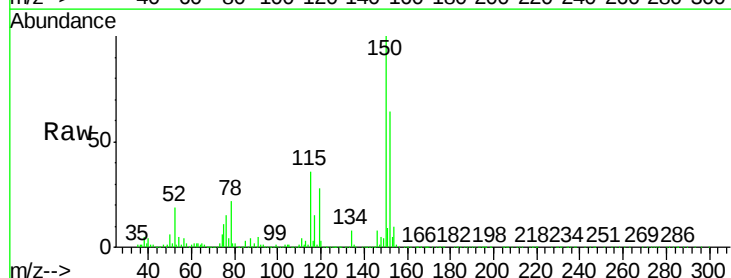
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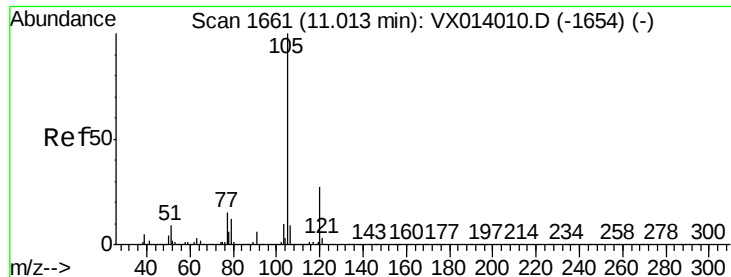
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	38.3	114.9
150	172.6	0.0	345.4





#73

Isopropylbenzene

Concen: 49.832 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1115688

Ion Ratio Lower Upper

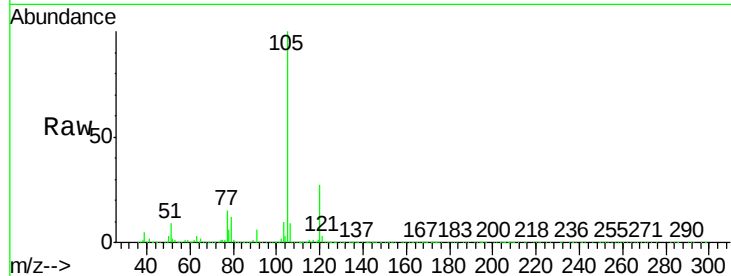
105 100

120 26.8 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

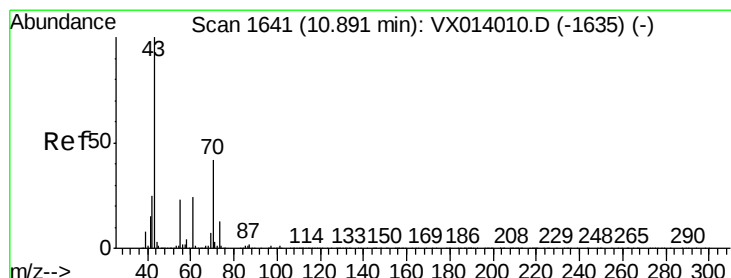
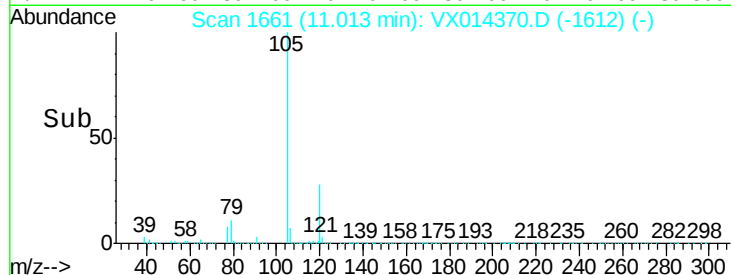
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 51.324 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion: 43 Resp: 538625

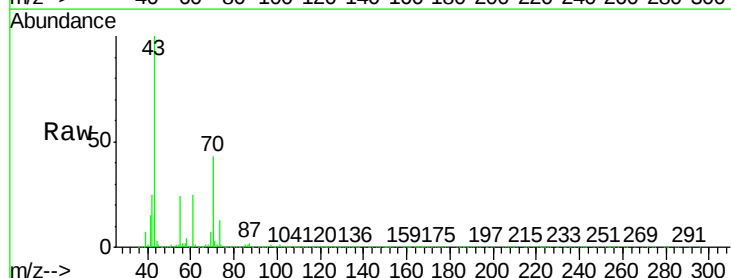
Ion Ratio Lower Upper

43 100

70 43.3 34.4 51.6

55 24.1 19.1 28.7

61 24.5 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

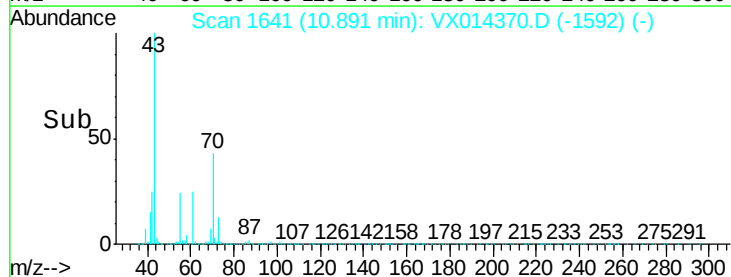
10.89

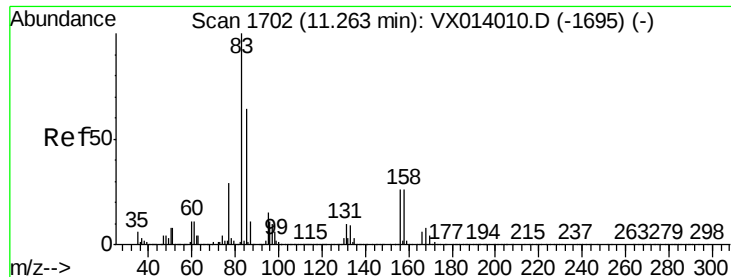
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.805 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

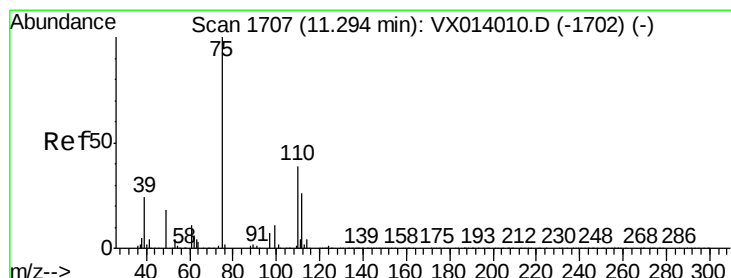
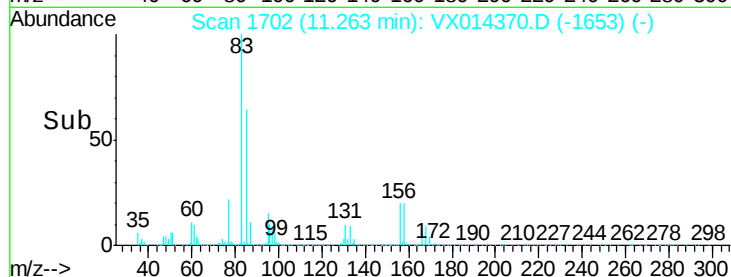
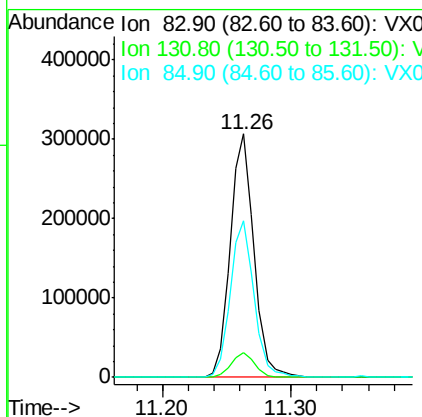
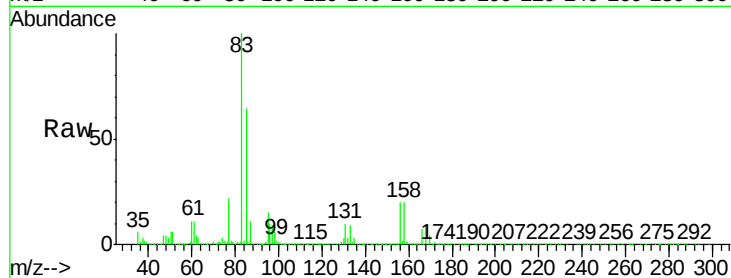
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	394350
Ion Ratio		Lower	Upper
83	100		
131	10.1	5.1	15.2
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 47.159 ug/l m

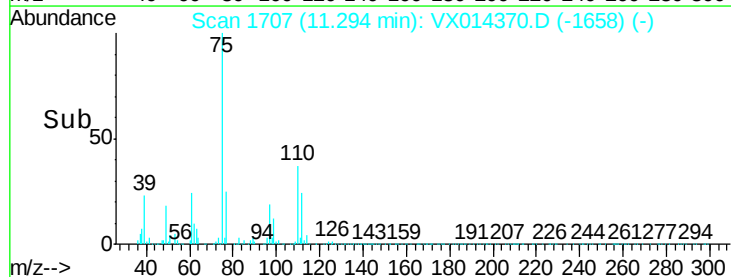
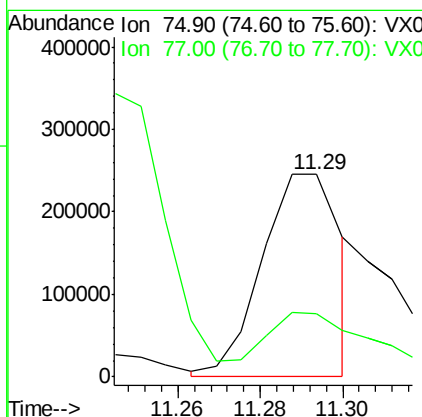
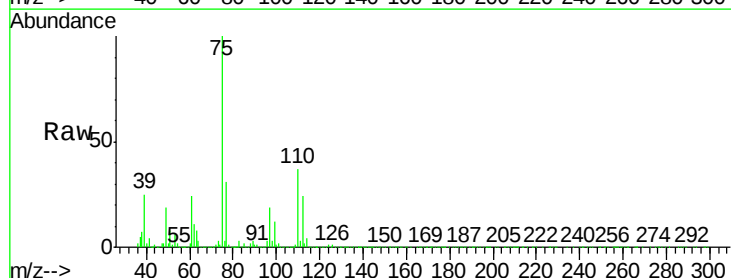
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion:	75	Resp:	325564
Ion Ratio		Lower	Upper
75	100		
77	44.4	19.3	57.8





#77

Bromobenzene

Concen: 47.915 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

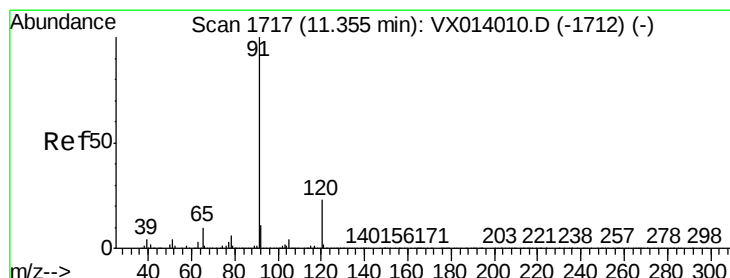
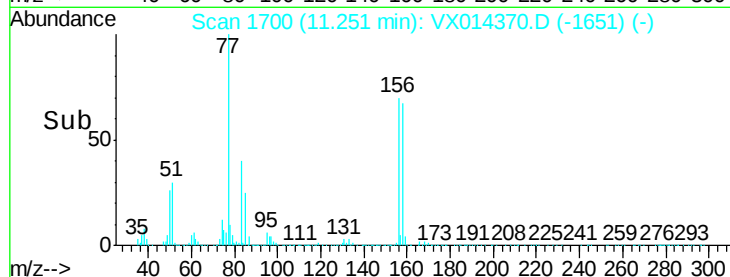
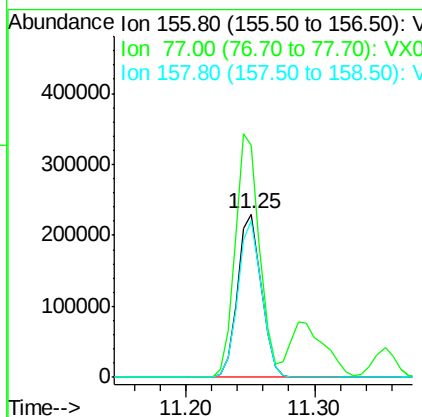
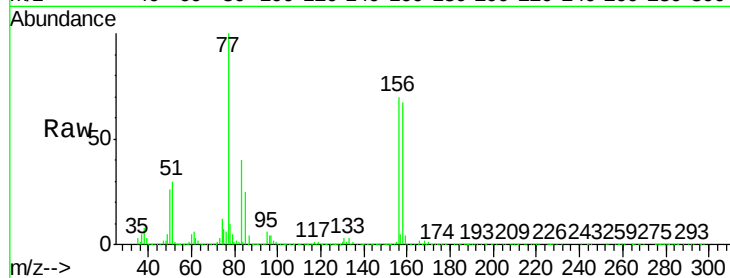
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	295159
Ion Ratio	Lower	Upper	
156	100		
77	152.0	76.5	229.5
158	96.5	49.3	147.9

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#78

n-propylbenzene

Concen: 50.495 ug/l

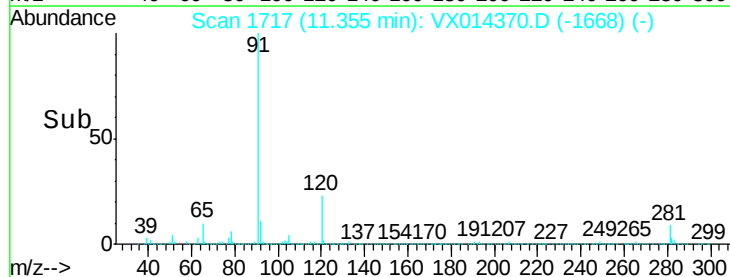
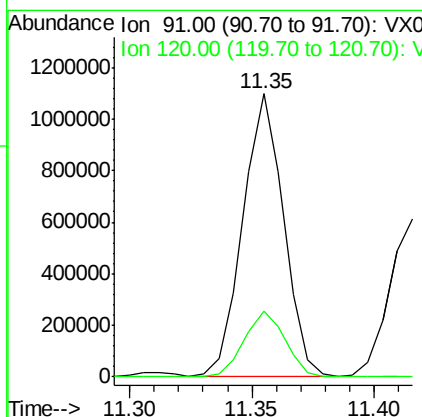
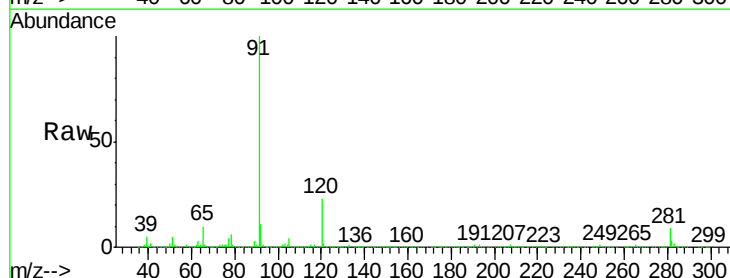
RT: 11.35 min Scan# 1717

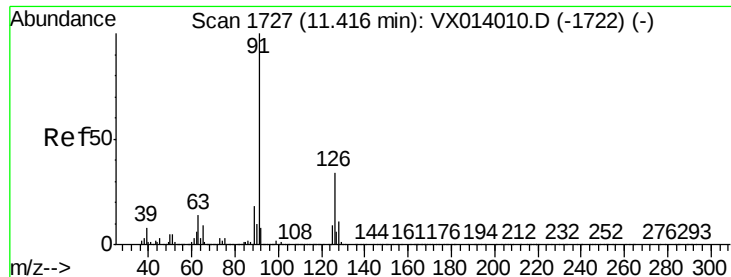
Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Tgt Ion:	91	Resp:	1268102
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 48.912 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 746680

Ion Ratio Lower Upper

91 100

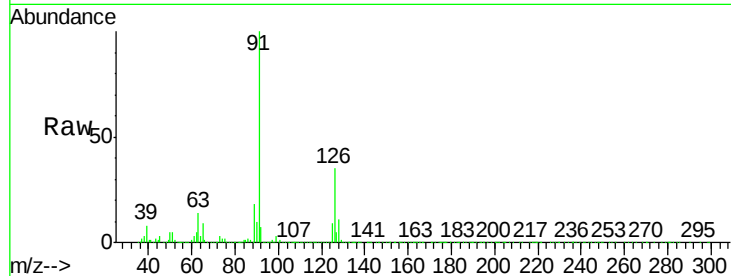
126 34.9 17.2 51.6

Manual Integrations

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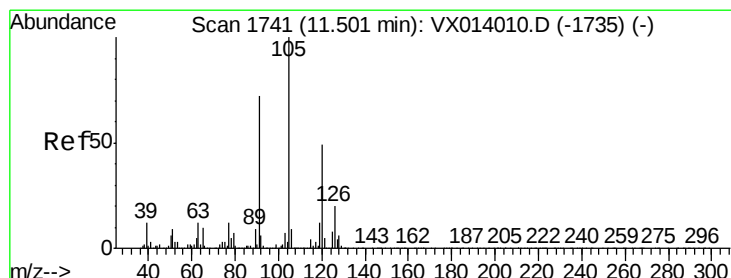
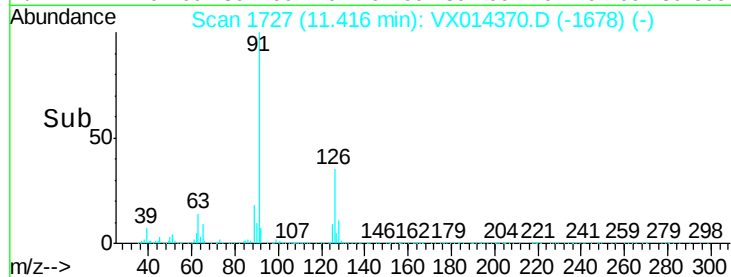
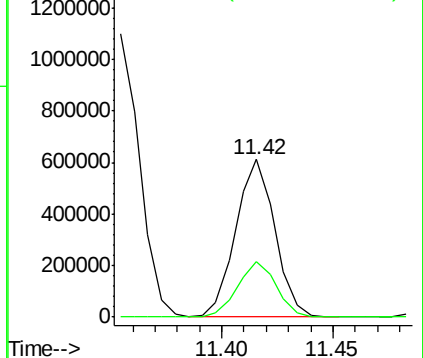
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.236 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014370.D

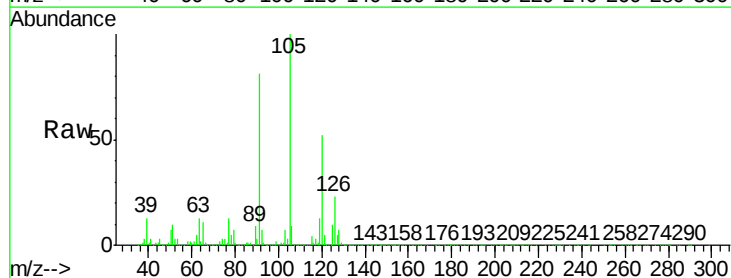
Acq: 31 Dec 2019 11:00

Tgt Ion: 105 Resp: 927730

Ion Ratio Lower Upper

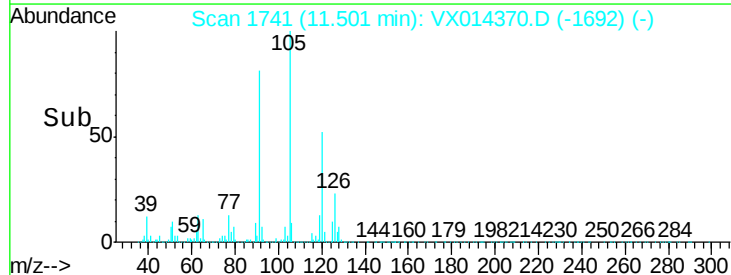
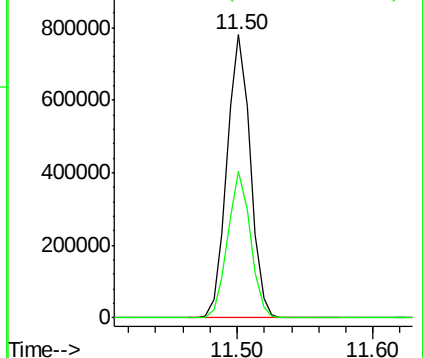
105 100

120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





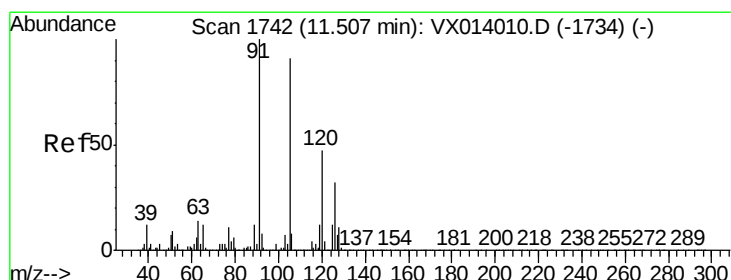
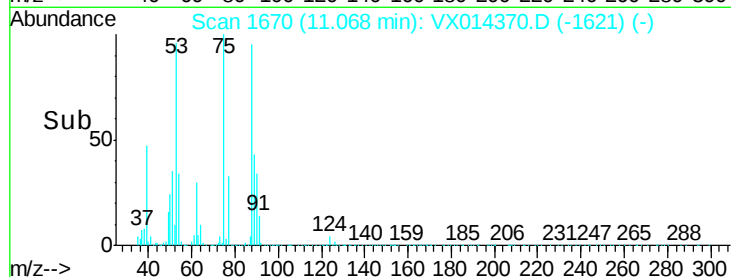
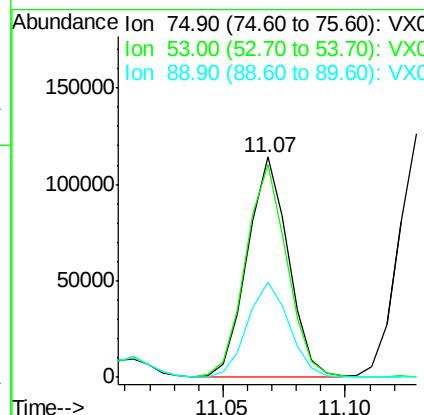
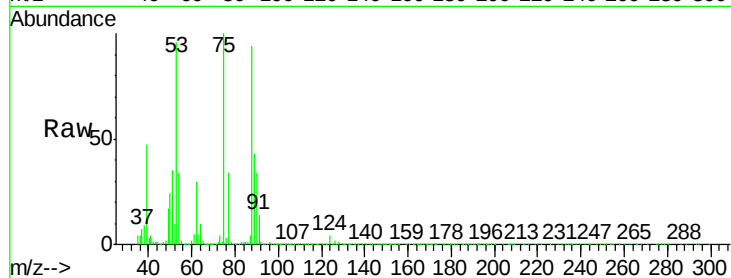
#81
trans-1,4-Dichloro-2-butene
Concen: 54.125 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	76.7	115.1
89	44.7	34.6	51.8

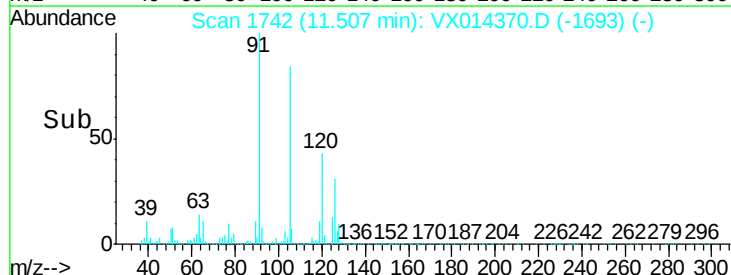
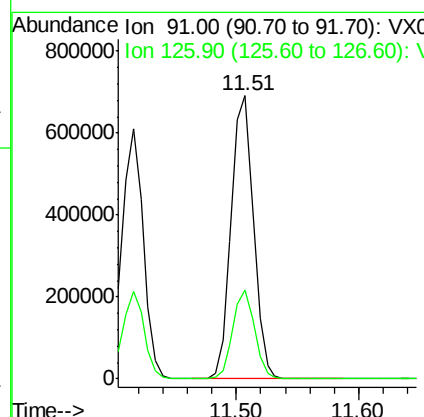
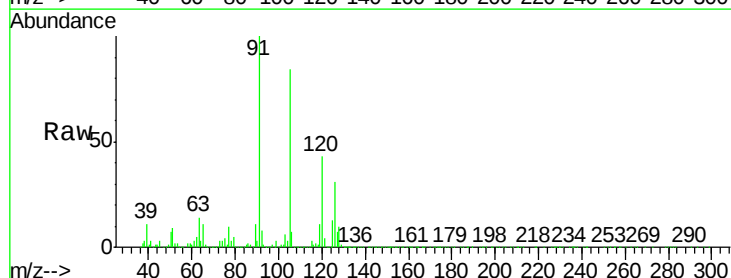
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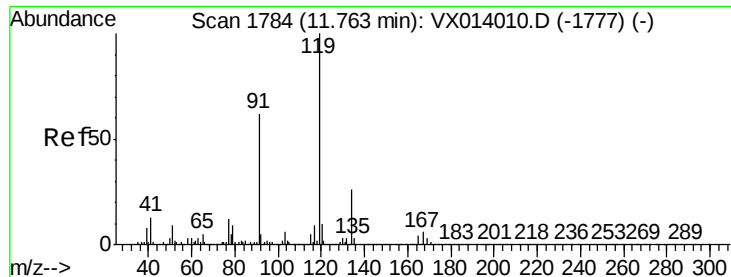
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#82
4-Chlorotoluene
Concen: 49.171 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





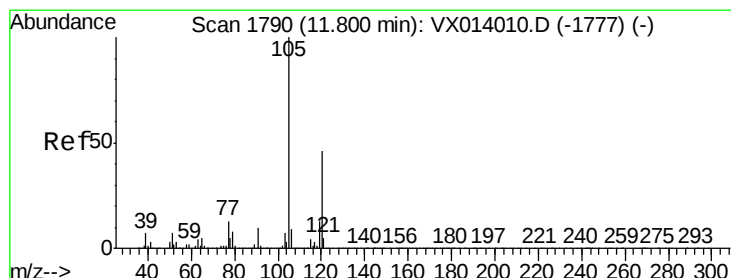
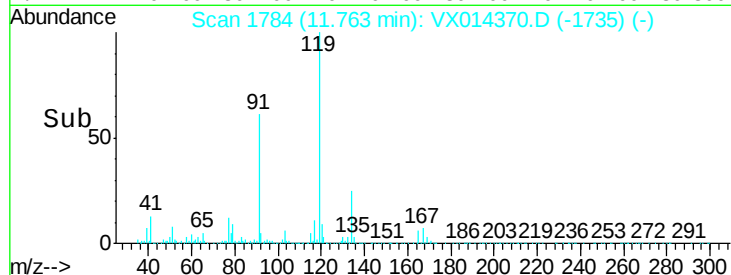
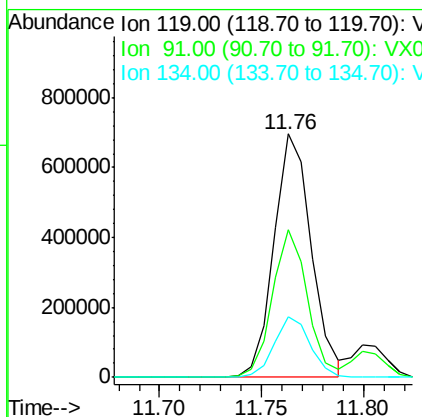
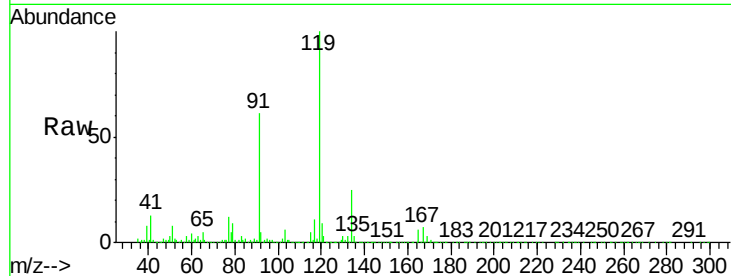
#83
tert-Butylbenzene
Concen: 48.428 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		888021		
91	56.8	28.5	85.6		
134	24.0	12.2	36.6		

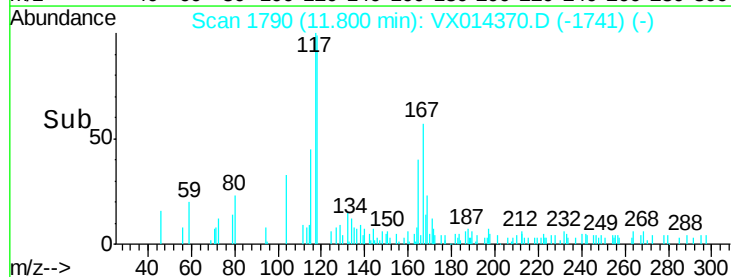
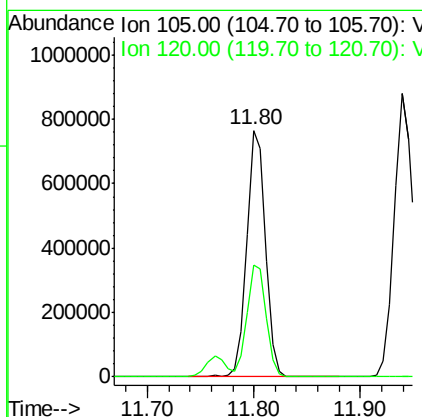
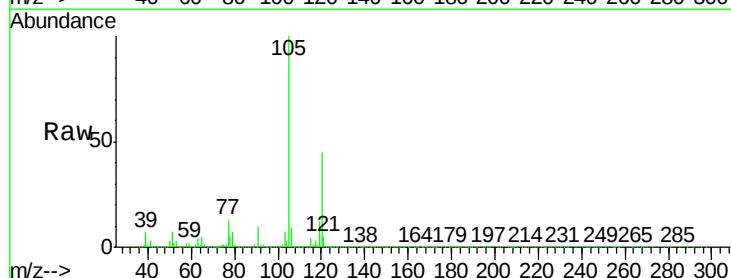
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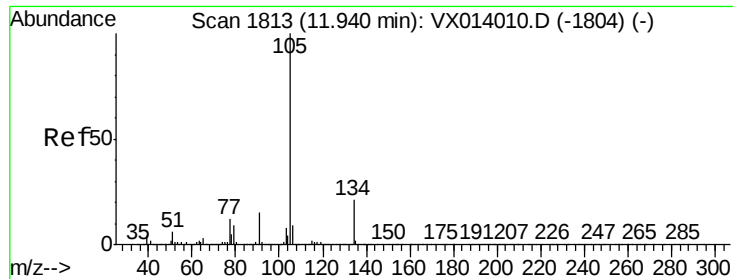
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#84
1,2,4-Trimethylbenzene
Concen: 50.166 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		946619		
120	46.1	23.1	69.2		





#85

sec-Butylbenzene

Concen: 49.904 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1080293

Ion Ratio Lower Upper

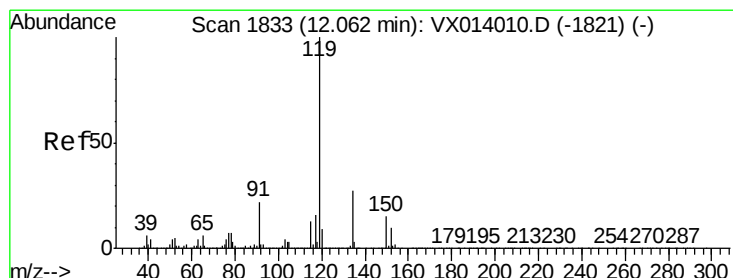
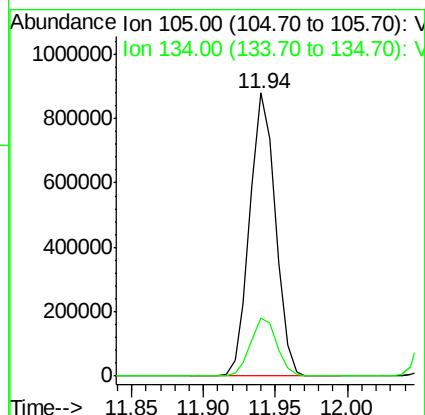
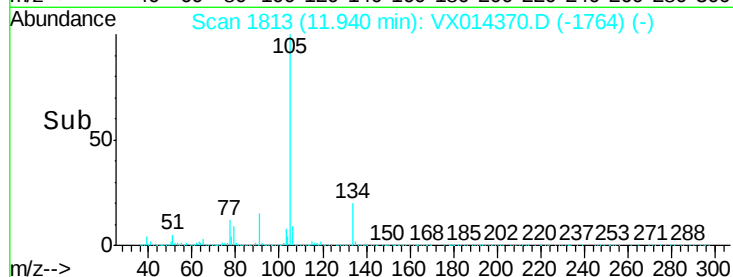
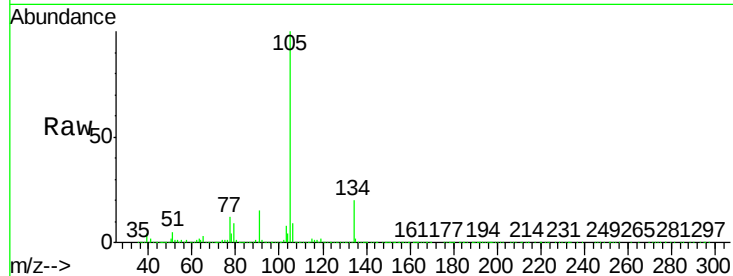
105 100

134 21.0 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.901 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014370.D

Acq: 31 Dec 2019 11:00

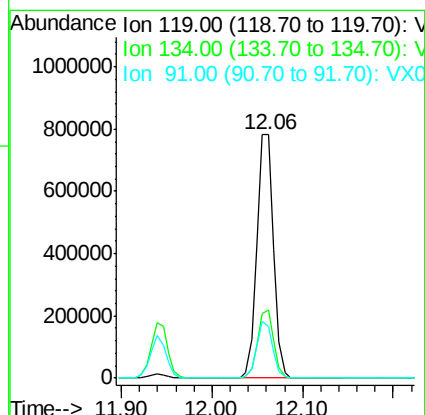
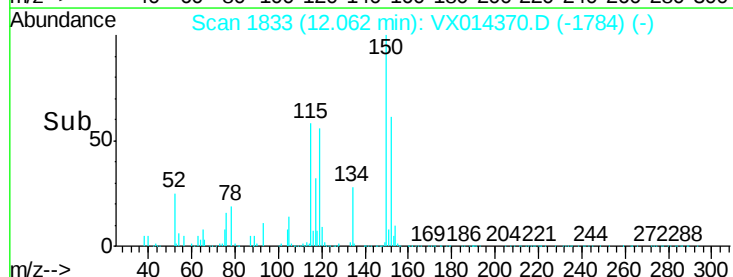
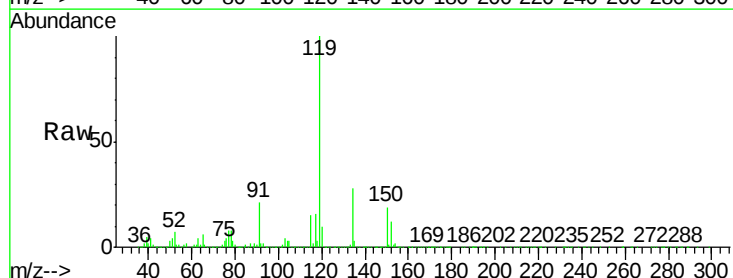
Tgt Ion:119 Resp: 988120

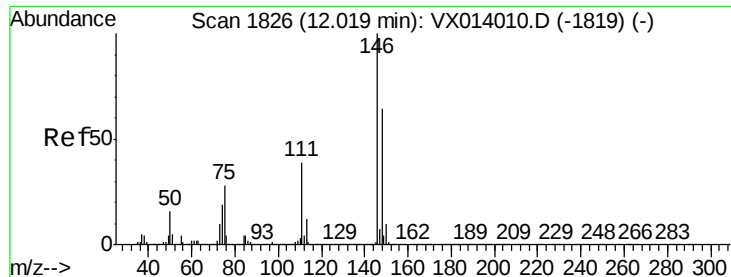
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.3 11.4 34.1





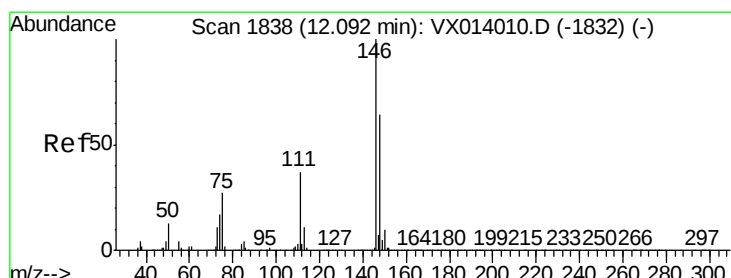
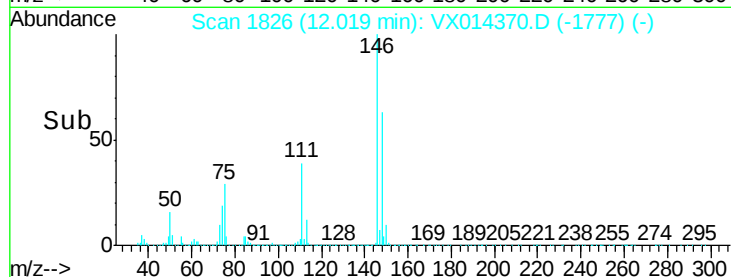
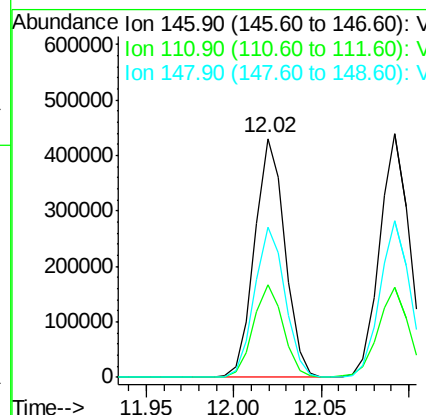
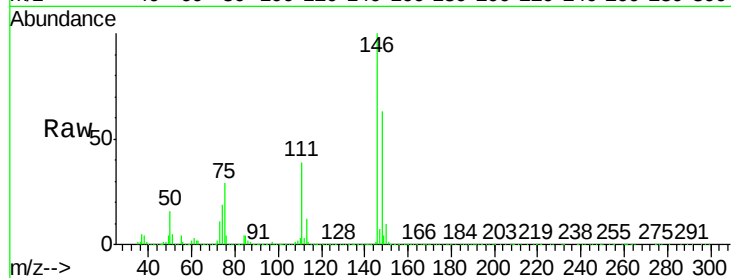
#87
 1,3-Dichlorobenzene
 Concen: 48.191 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

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

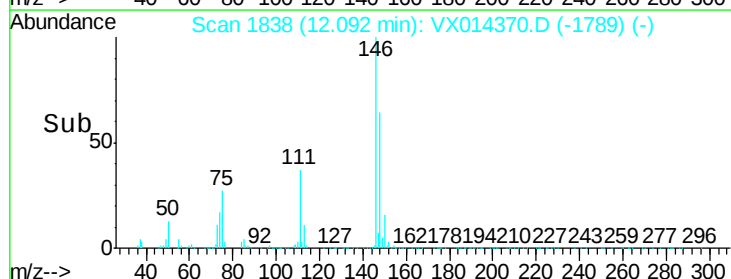
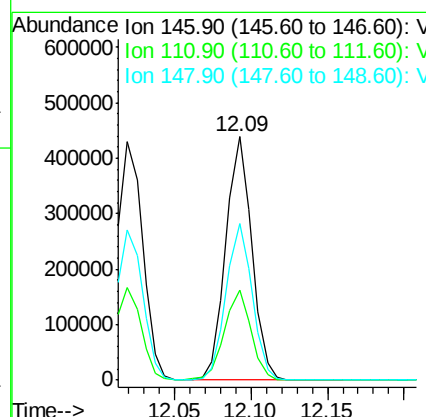
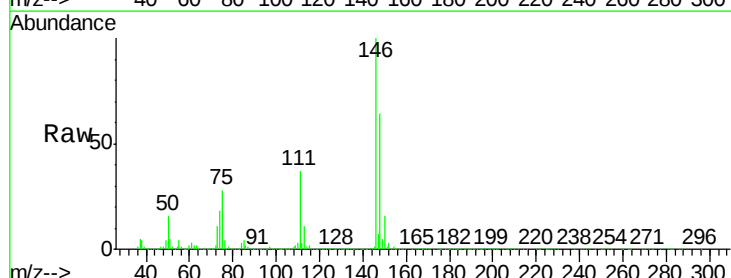
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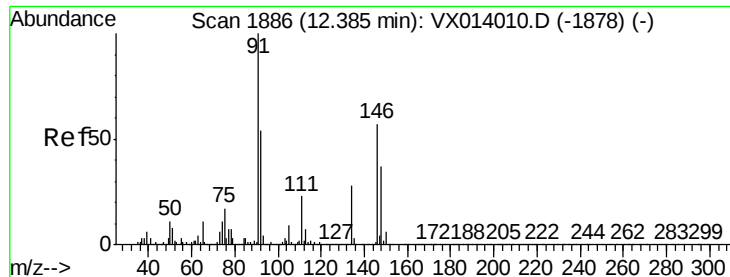
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#88
 1,4-Dichlorobenzene
 Concen: 47.178 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	64.7	31.9	95.9





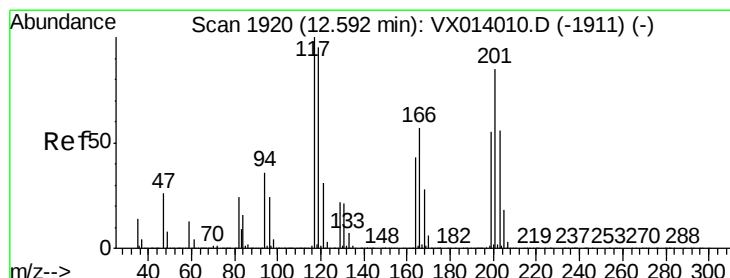
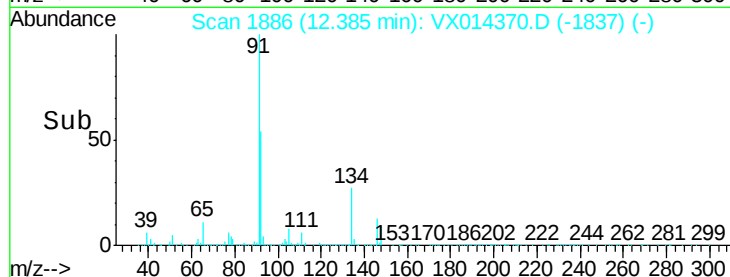
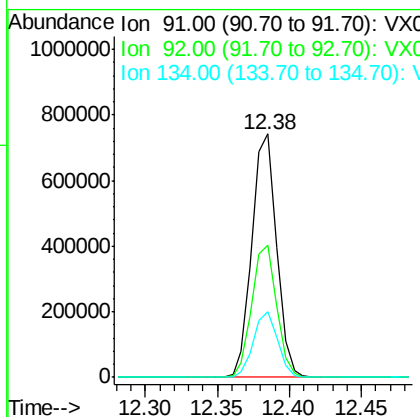
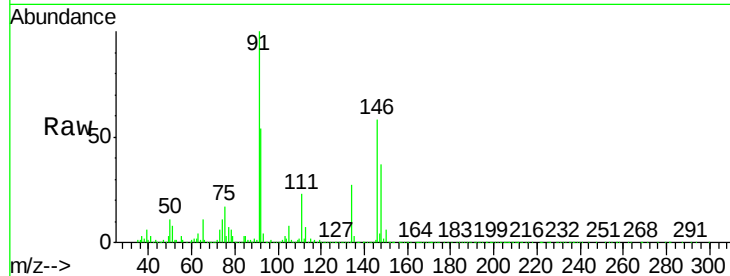
#89
n-Butylbenzene
Concen: 51.716 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	873799		
92	54.5	27.2	81.6	
134	26.5	13.4	40.1	

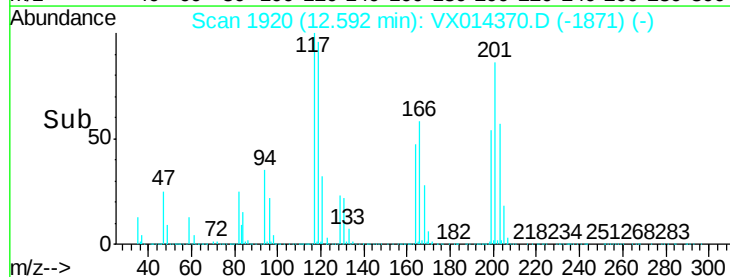
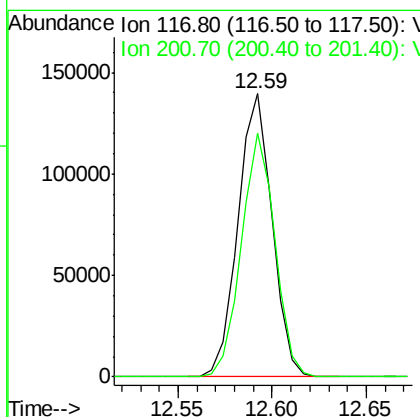
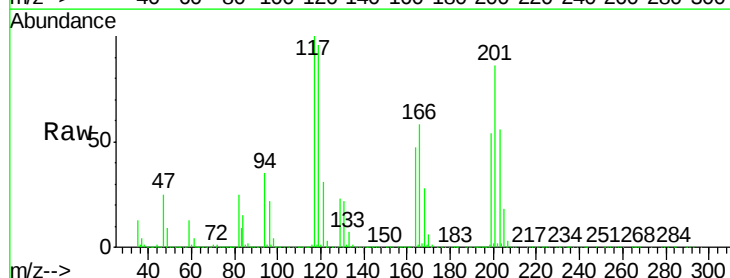
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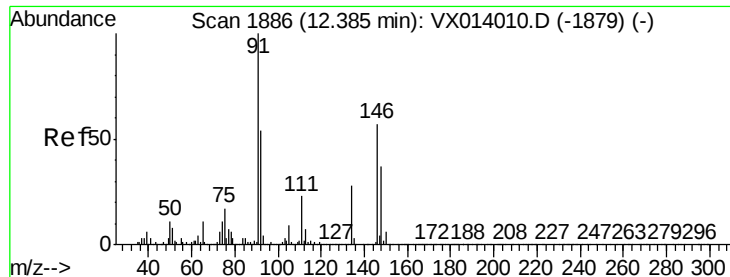
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#90
Hexachloroethane
Concen: 49.018 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	174341		
201	85.0	43.1	129.3	





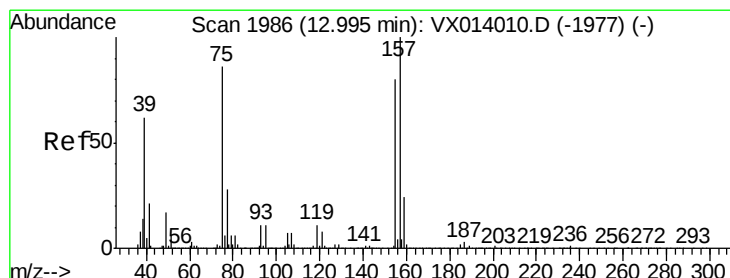
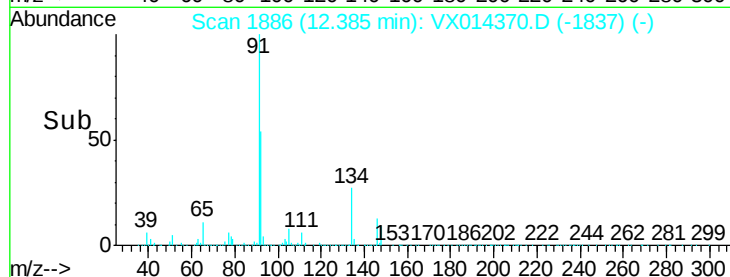
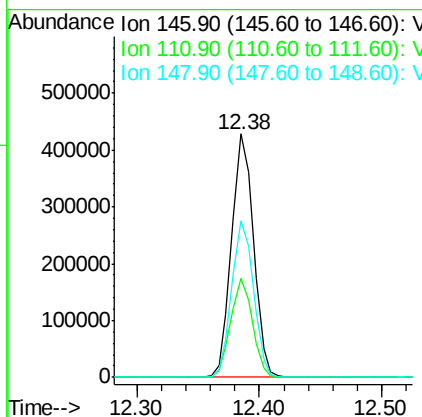
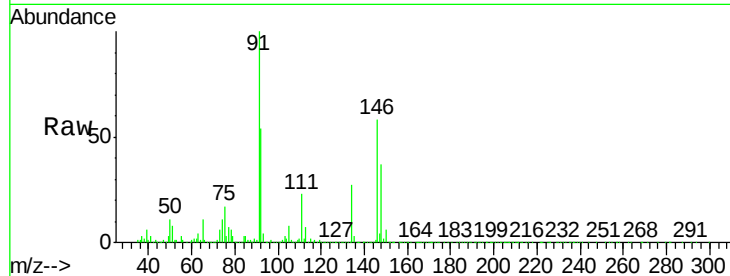
#91
 1,2-Dichlorobenzene
 Concen: 48.719 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	529478		
111	39.9	19.7	59.1	
148	63.8	32.1	96.5	

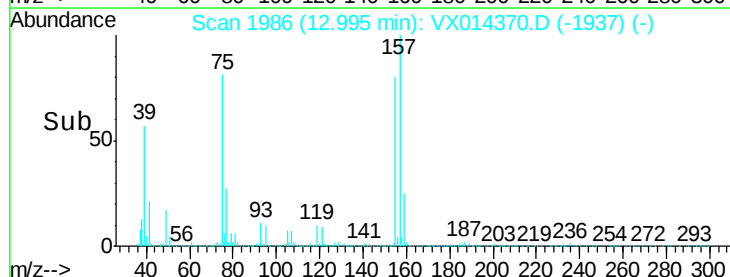
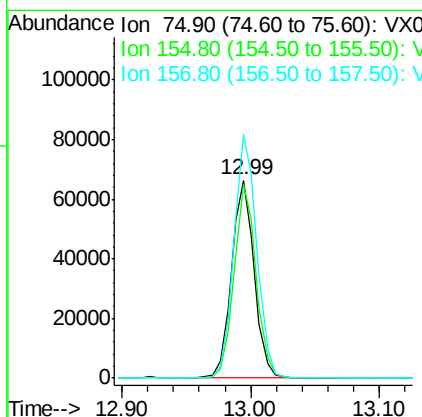
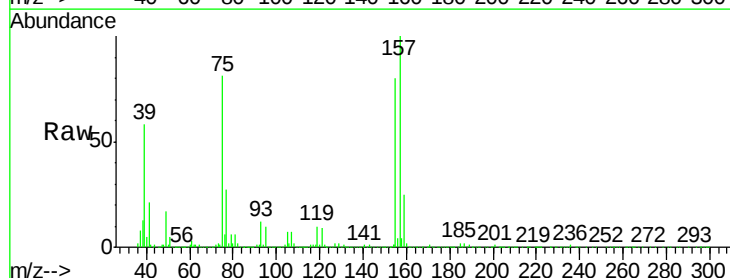
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.693 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81923		
155	95.8	46.9	140.6	
157	123.0	60.8	182.4	





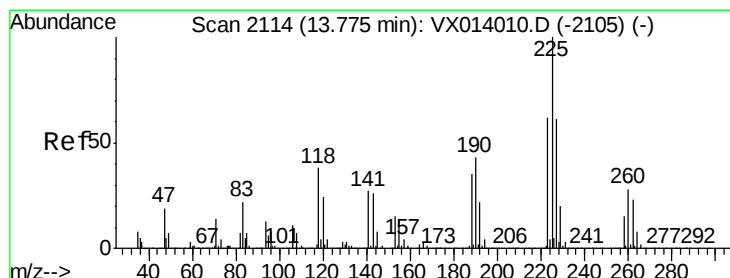
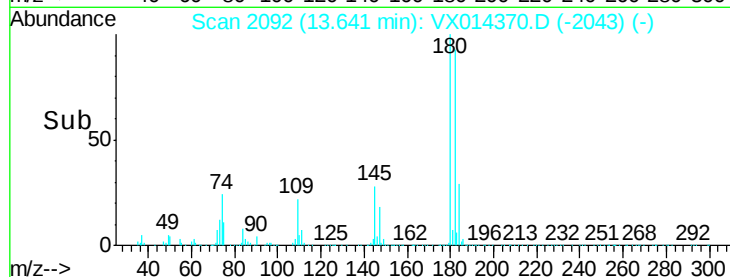
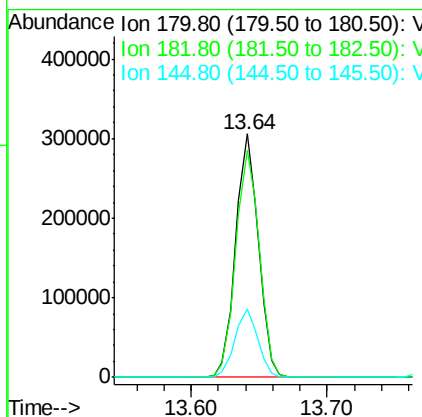
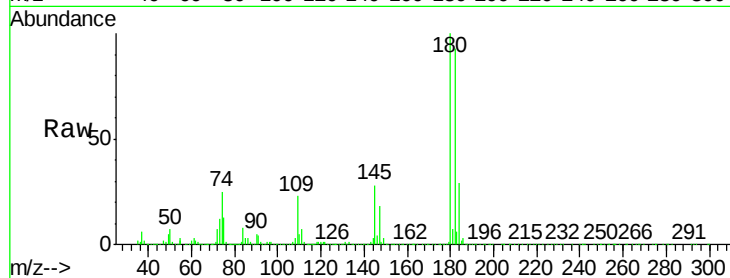
#93
 1,2,4-Trichlorobenzene
 Concen: 50.460 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	356439		
182	96.3	46.6	139.8	
145	28.3	14.2	42.6	

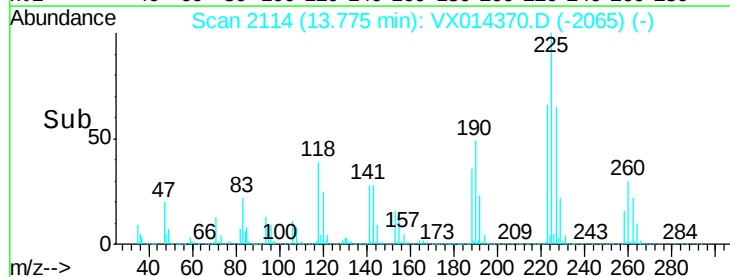
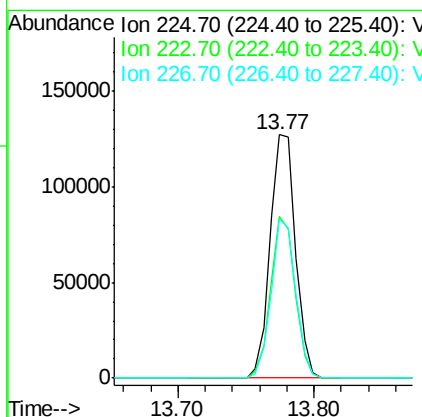
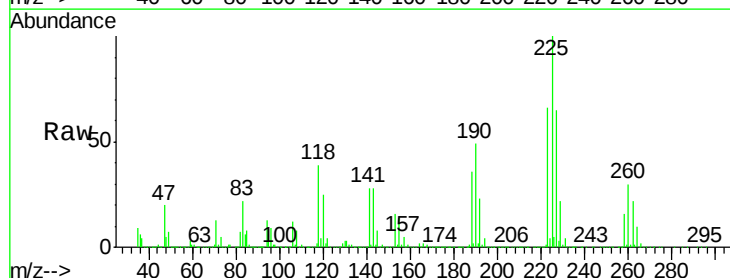
Manual Integrations
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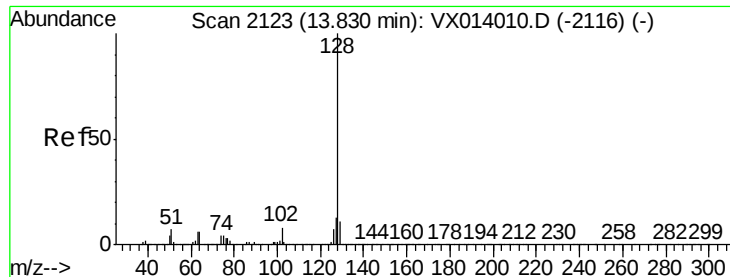
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#94
 Hexachlorobutadiene
 Concen: 49.306 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014370.D
 Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167386		
223	63.4	30.9	92.5	
227	62.8	30.9	92.7	





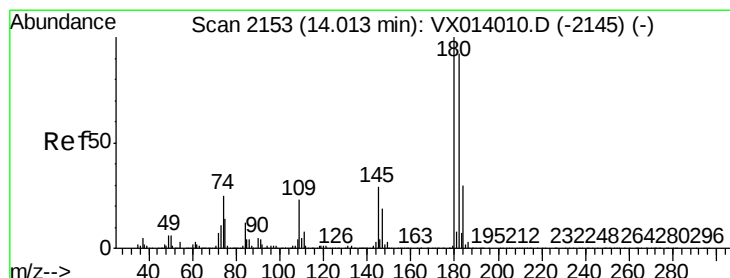
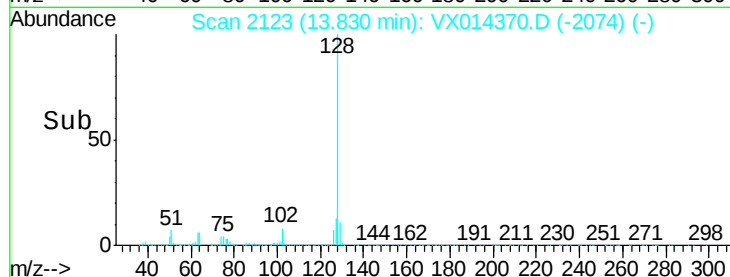
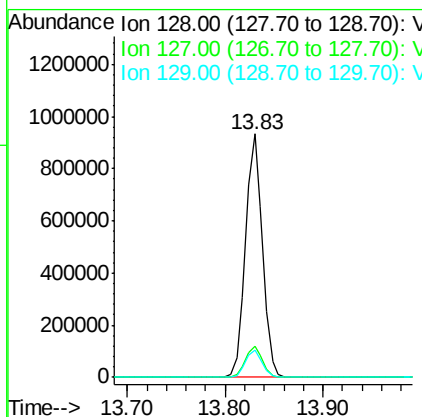
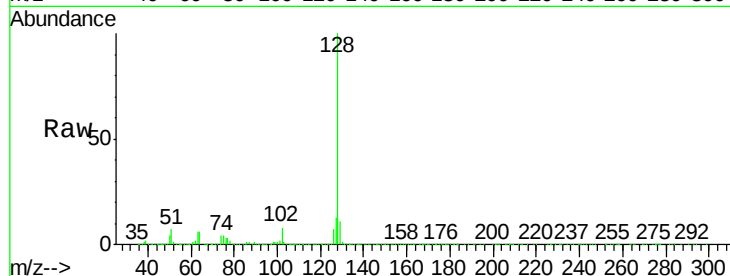
#95
Naphthalene
Concen: 53.821 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
1/2/2020 9:51:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.266 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014370.D
Acq: 31 Dec 2019 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.8	140.3
145	30.1	14.8	44.4

