

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014768.D
 Acq On : 30 Jan 2020 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:05 AM

Quant Time: Jan 31 04:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	427639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	622867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	567528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	241663	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	5.48	113	199159	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	759546	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	273053	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	268044	46.732	ug/l	100
3) Chloromethane	1.32	50	262242	45.330	ug/l	100
4) Vinyl Chloride	1.40	62	303230	48.477	ug/l	100
5) Bromomethane	1.63	94	186672	43.936	ug/l	100
6) Chloroethane	1.72	64	172017	48.011	ug/l	100
7) Trichlorofluoromethane	1.92	101	345919	47.494	ug/l	100
8) Diethyl Ether	2.18	74	148556	46.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209106	48.906	ug/l	99
10) Methyl Iodide	2.50	142	278440	49.630	ug/l	100
11) Tert butyl alcohol	3.03	59	212414	189.458	ug/l	100
12) 1,1-Dichloroethene	2.36	96	198194	46.622	ug/l	96
13) Acrolein	2.28	56	230440	260.675	ug/l	100
14) Allyl chloride	2.72	41	356629	46.672	ug/l	98
15) Acrylonitrile	3.13	53	583805	225.050	ug/l	100
16) Acetone	2.43	43	655147	239.378	ug/l	99
17) Carbon Disulfide	2.56	76	516928	44.491	ug/l	100
18) Methyl Acetate	2.76	43	354795	45.414	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	678810	48.751	ug/l	100
20) Methylene Chloride	2.84	84	230828	45.578	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	215297	45.996	ug/l	98
22) Diisopropyl ether	3.84	45	750112	49.342	ug/l	96
23) Vinyl Acetate	3.80	43	2873634	247.970	ug/l	99
24) 1,1-Dichloroethane	3.69	63	397503	48.147	ug/l	99
25) 2-Butanone	4.65	43	895749	228.428	ug/l	98
26) 2,2-Dichloropropane	4.57	77	323508	48.955	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	249129	47.556	ug/l	100
28) Bromochloromethane	5.00	49	161895	44.624	ug/l	97
29) Tetrahydrofuran	5.11	42	512611	220.251	ug/l	99
30) Chloroform	5.20	83	395103	48.310	ug/l	98
31) Cyclohexane	5.57	56	361522	46.557	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	333855	48.293	ug/l	99
36) 1,1-Dichloropropene	5.79	75	294436	50.873	ug/l	98
37) Ethyl Acetate	4.81	43	311648	47.014	ug/l	100
38) Carbon Tetrachloride	5.77	117	287711	52.051	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	372266	51.343	ug/l	96
40) Benzene	6.13	78	902386	50.461	ug/l	99
41) Methacrylonitrile	5.03	41	175085	46.278	ug/l	97
42) 1,2-Dichloroethane	6.18	62	321152	52.006	ug/l	99
43) Isopropyl Acetate	6.43	43	524634	48.331	ug/l	99
44) Trichloroethene	7.20	130	252411	49.970	ug/l	96
45) 1,2-Dichloropropane	7.50	63	239170	51.915	ug/l	96
46) Dibromomethane	7.65	93	153956	51.598	ug/l	98
47) Bromodichloromethane	7.89	83	311322	53.198	ug/l	99
48) Methyl methacrylate	7.76	41	262687	50.649	ug/l	97
49) 1,4-Dioxane	7.73	88	94022	855.206	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1640997	239.522	ug/l	100
52) Toluene	8.78	92	566646	51.548	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	339599	53.893	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	378811	54.646	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231420	51.420	ug/l	99
56) Ethyl methacrylate	9.17	69	361732	47.502	ug/l	99
57) 1,3-Dichloropropane	9.36	76	396338	51.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	607330	268.327	ug/l	100
59) 2-Hexanone	9.48	43	1291800	242.985	ug/l	98
60) Dibromochloromethane	9.57	129	247649	52.717	ug/l	99
61) 1,2-Dibromoethane	9.67	107	241932	50.842	ug/l	100
64) Tetrachloroethene	9.33	164	278412	49.559	ug/l	99
65) Chlorobenzene	10.14	112	614692	50.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	232232	51.887	ug/l	99
67) Ethyl Benzene	10.25	91	1087034	52.444	ug/l	98
68) m/p-Xylenes	10.36	106	849395	108.169	ug/l	98
69) o-Xylene	10.69	106	397618	52.451	ug/l	100
70) Styrene	10.71	104	701174	55.139	ug/l	99
71) Bromoform	10.85	173	190293	53.463	ug/l #	100
73) Isopropylbenzene	11.01	105	1079504	51.337	ug/l	100
74) N-amyl acetate	10.89	43	455606	49.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342415	45.607	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	289631m	41.627	ug/l	
77) Bromobenzene	11.25	156	281889	49.900	ug/l	97
78) n-propylbenzene	11.35	91	1243708	52.106	ug/l	100
79) 2-Chlorotoluene	11.42	91	724591	50.172	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	913104	52.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115745	47.341	ug/l	100
82) 4-Chlorotoluene	11.51	91	849158	51.647	ug/l	99
83) tert-Butylbenzene	11.76	119	851812	51.941	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	916531	52.357	ug/l	99
85) sec-Butylbenzene	11.94	105	1060136	52.768	ug/l	99
86) p-Isopropyltoluene	12.06	119	991006	53.375	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502110	49.457	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	504743	49.632	ug/l	100
89) n-Butylbenzene	12.38	91	864862	53.483	ug/l	99
90) Hexachloroethane	12.59	117	171841	49.828	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	502068	49.792	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70786	43.882	ug/l	97

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ClientSampleId :
VSTDCCC050

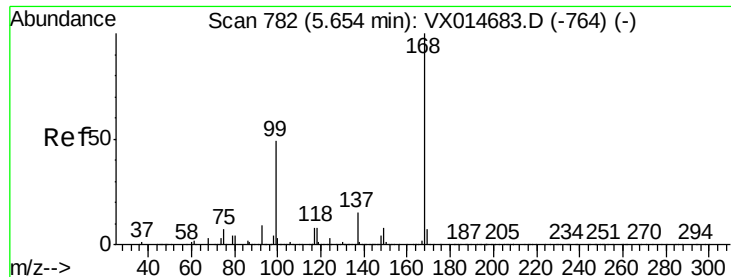
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	345016	53.072	ug/l	98
94) Hexachlorobutadiene	13.78	225	175748	52.526	ug/l	98
95) Naphthalene	13.83	128	984796	47.033	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	346813	52.760	ug/l	98

(#) = 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. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 427639

Ion Ratio Lower Upper

168 100

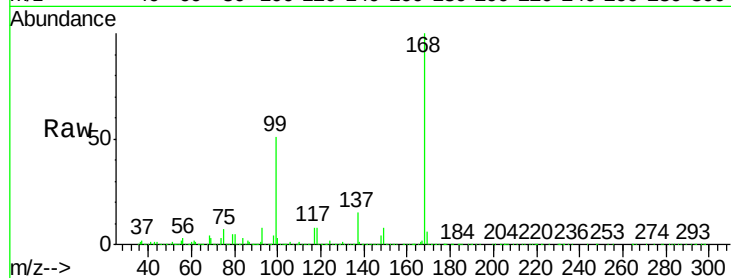
99 51.1 39.8 59.6

Manual Integrations

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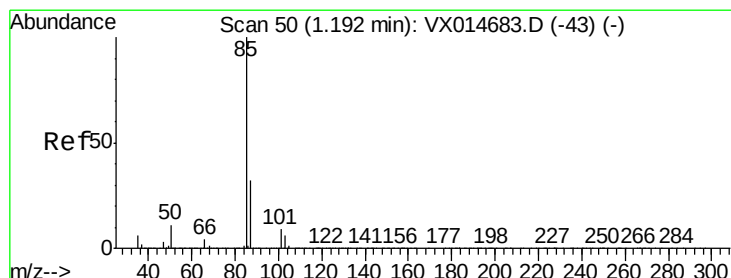
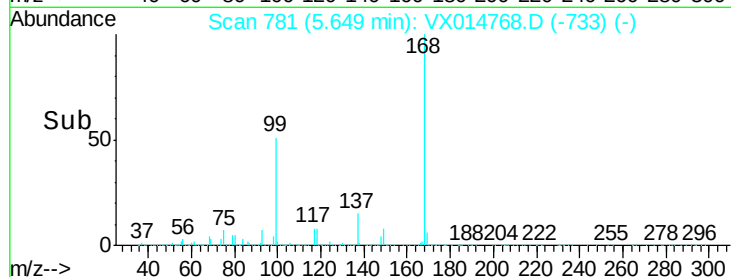
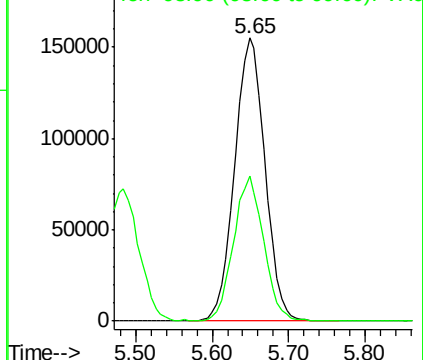
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.732 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014768.D

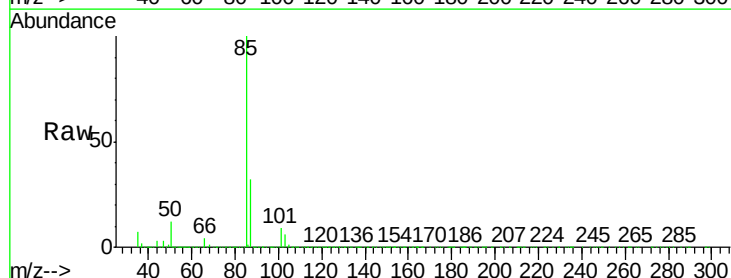
Acq: 30 Jan 2020 10:17

Tgt Ion: 85 Resp: 268044

Ion Ratio Lower Upper

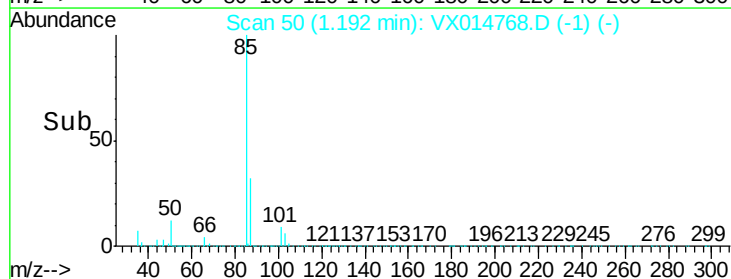
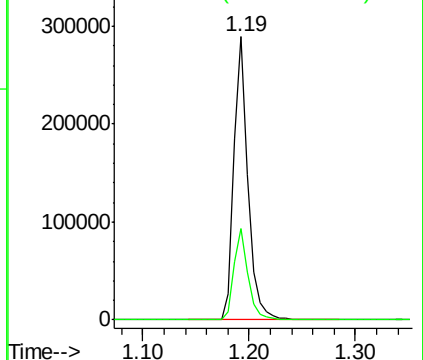
85 100

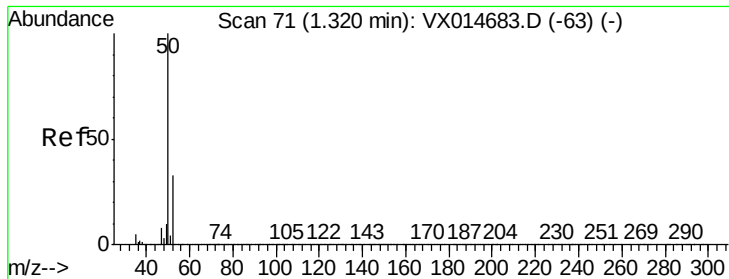
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.330 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 262242

Ion Ratio Lower Upper

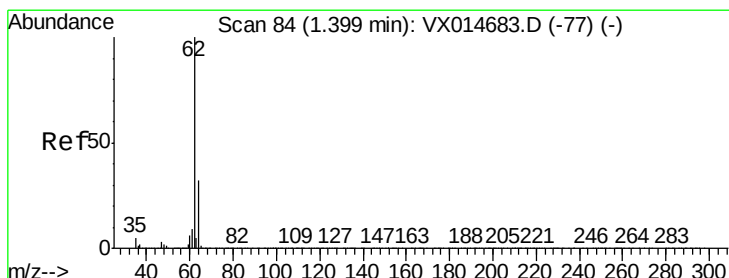
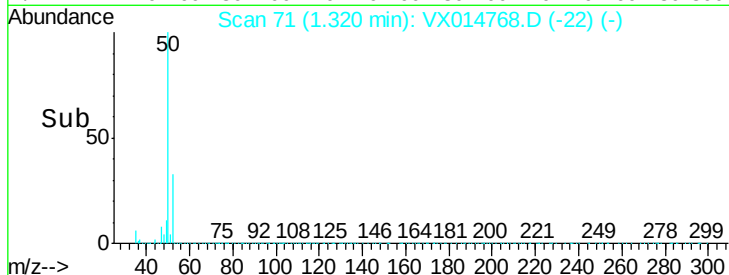
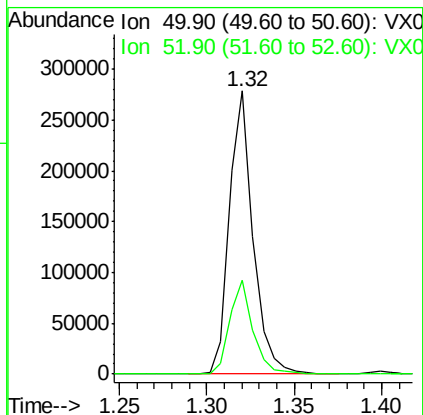
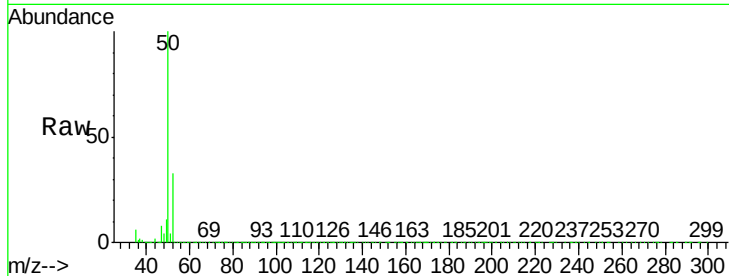
50 100

52 33.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.477 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014768.D

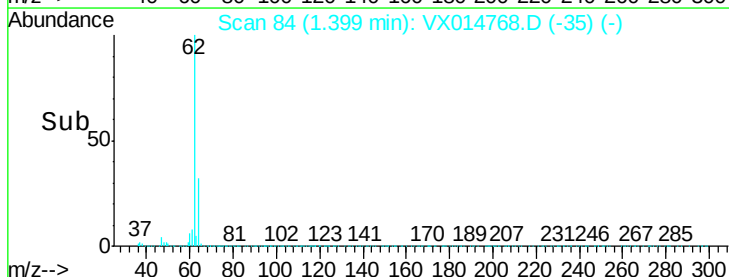
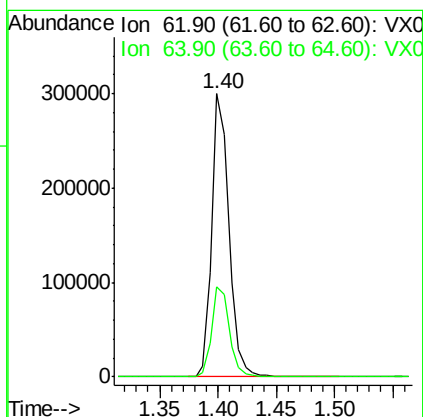
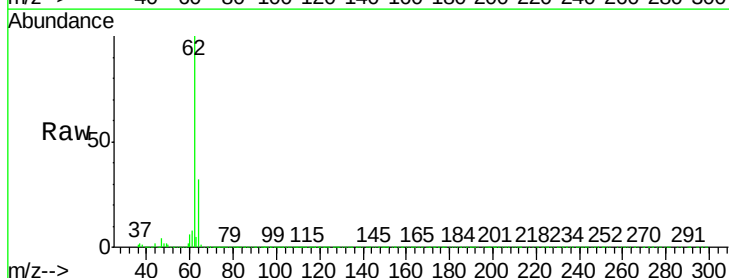
Acq: 30 Jan 2020 10:17

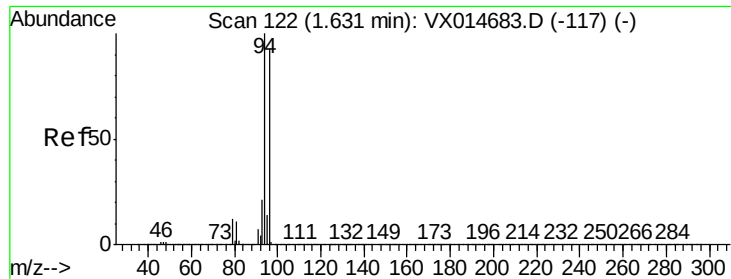
Tgt Ion: 62 Resp: 303230

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 43.936 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 186672

Ion Ratio Lower Upper

94 100

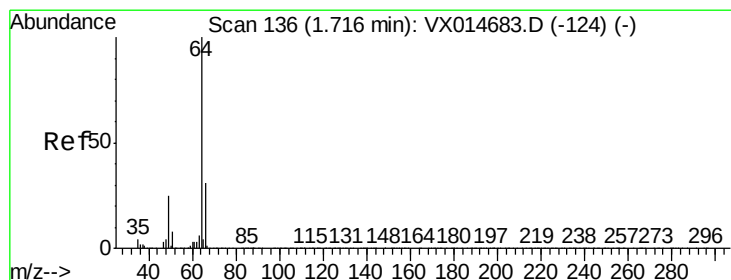
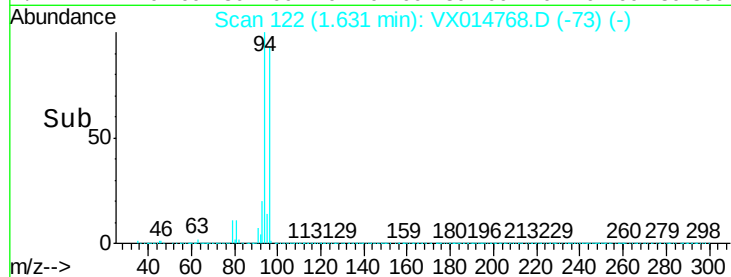
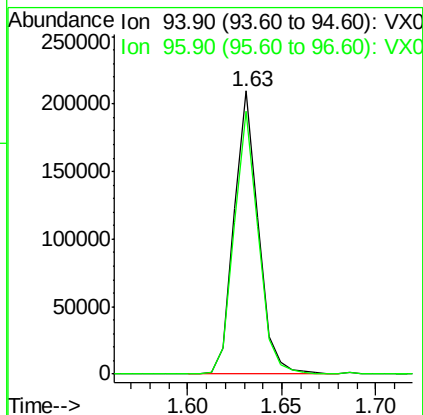
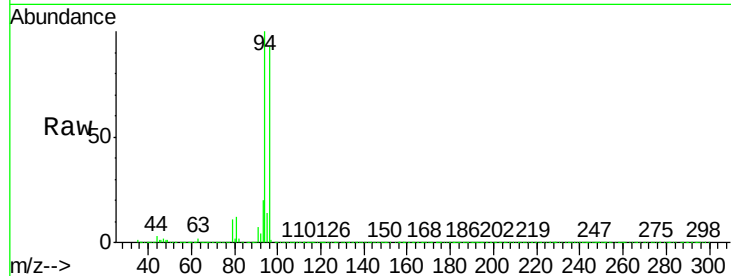
96 93.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 48.011 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014768.D

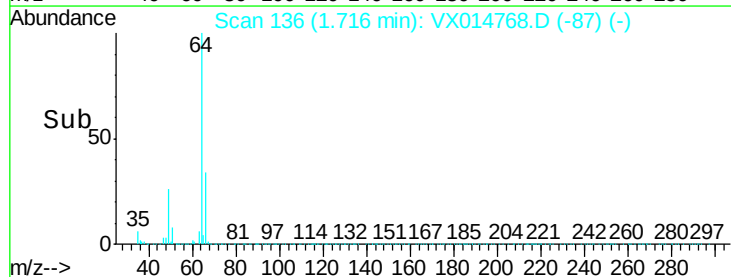
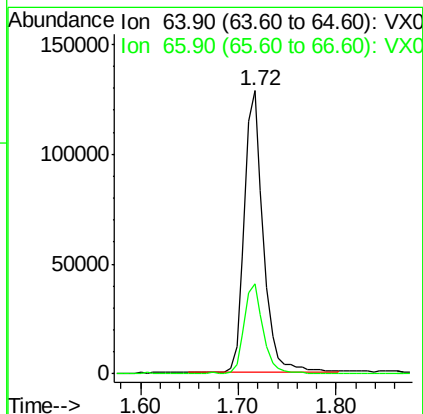
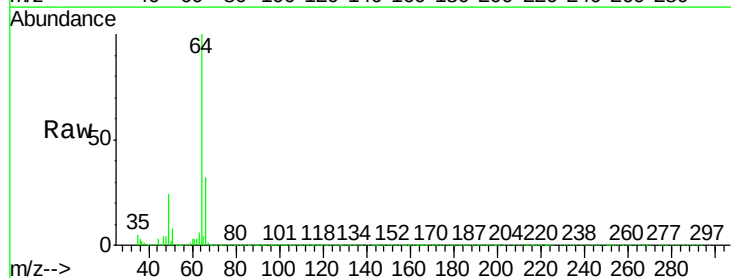
Acq: 30 Jan 2020 10:17

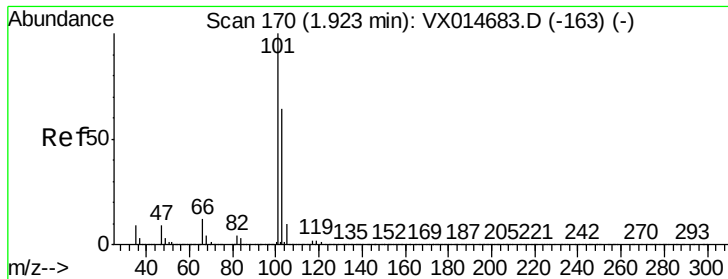
Tgt Ion: 64 Resp: 172017

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8





#7

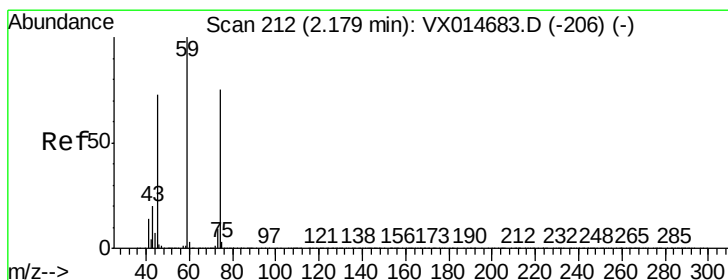
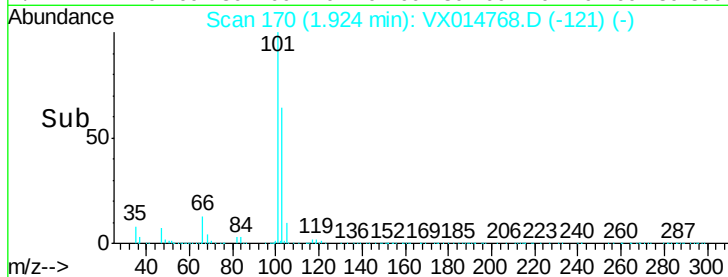
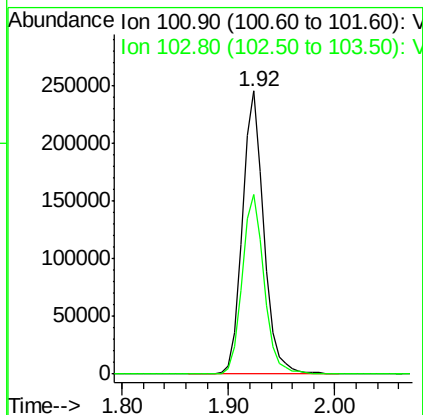
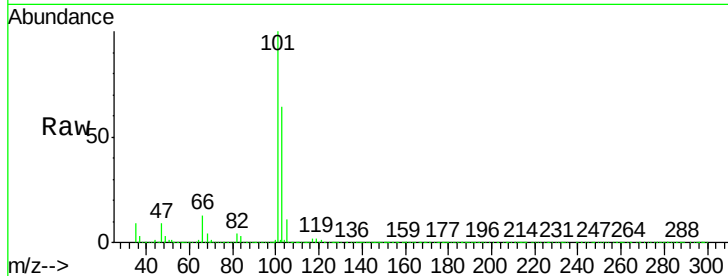
Trichlorofluoromethane
Concen: 47.494 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.6

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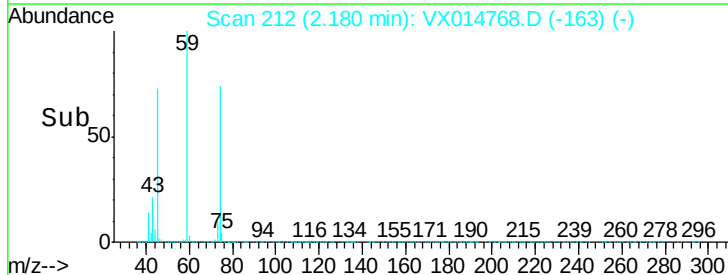
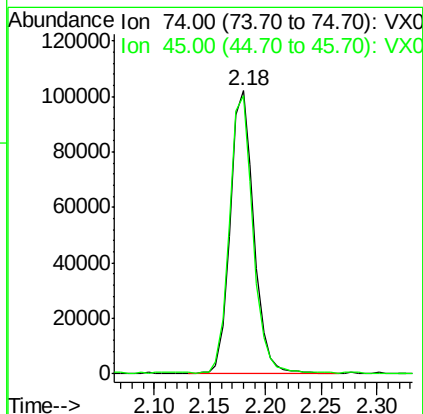
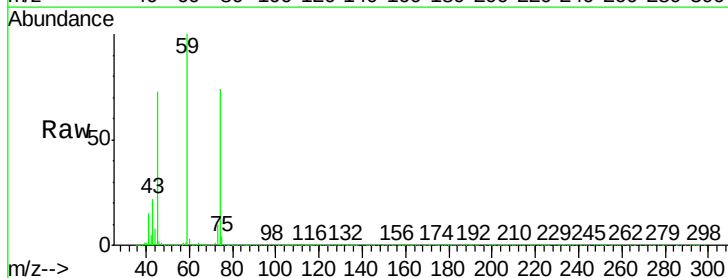
MMDadoda
1/31/2020 10:52:05 AM

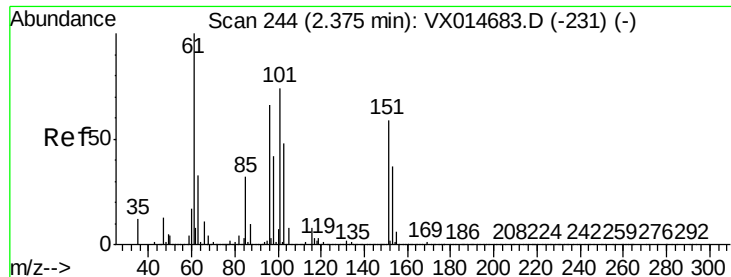


#8

Diethyl Ether
Concen: 46.729 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.906 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

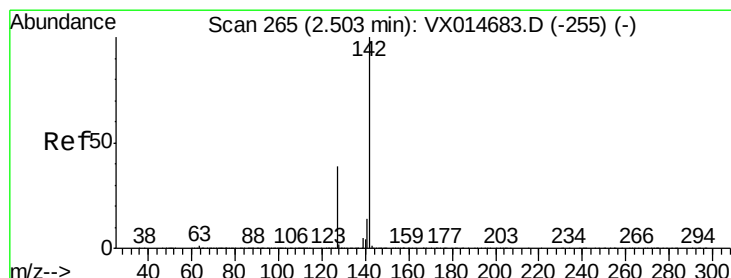
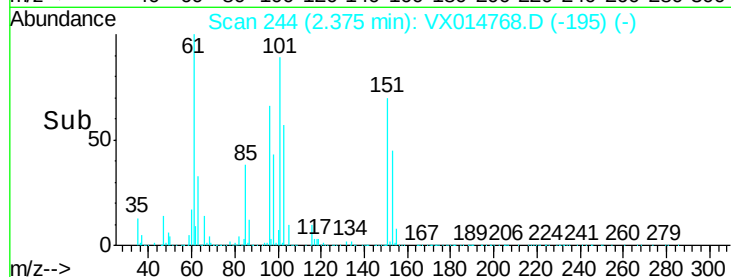
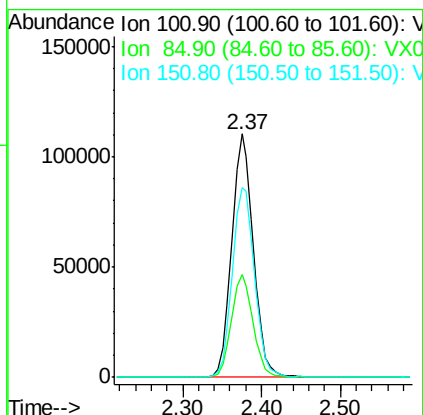
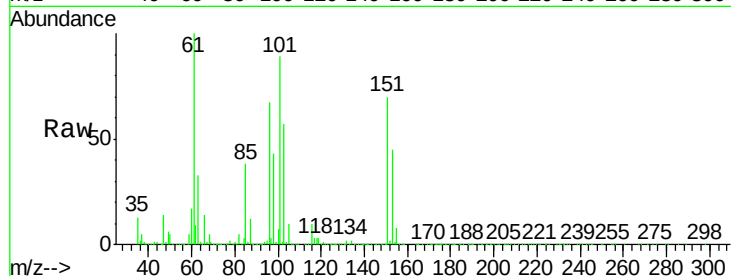
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	209106
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.7	52.1
151	80.5	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 49.630 ug/l

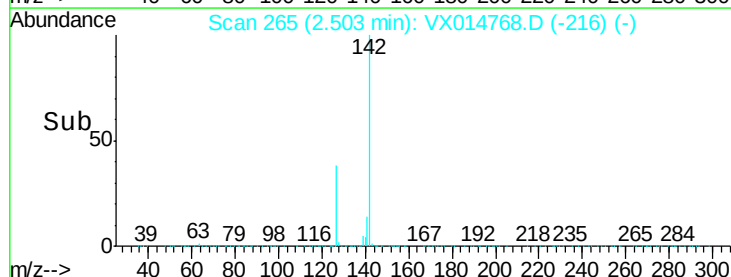
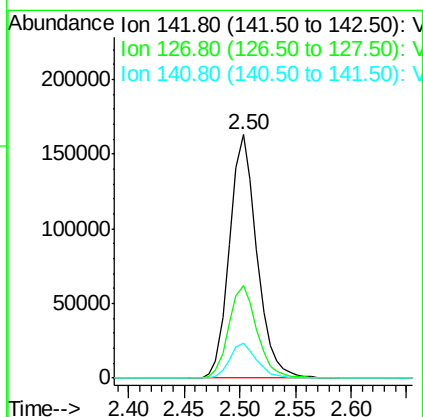
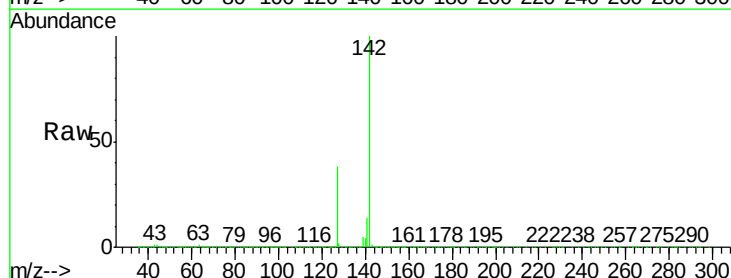
RT: 2.50 min Scan# 265

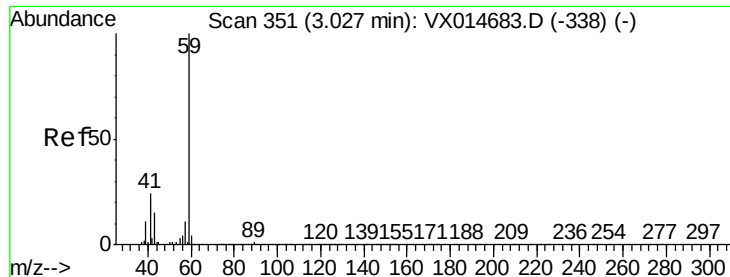
Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	142	Resp:	278440
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.1	11.3	16.9





#11

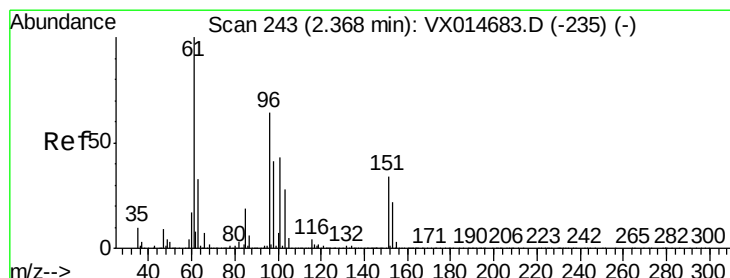
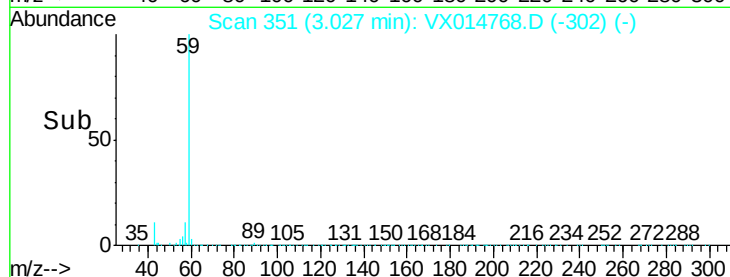
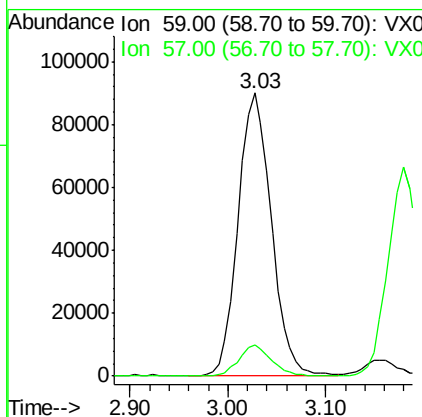
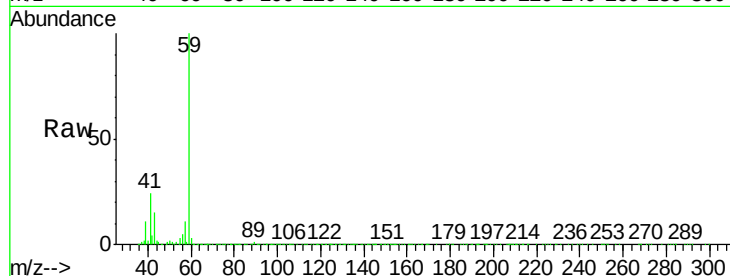
Tert butyl alcohol
Concen: 189.458 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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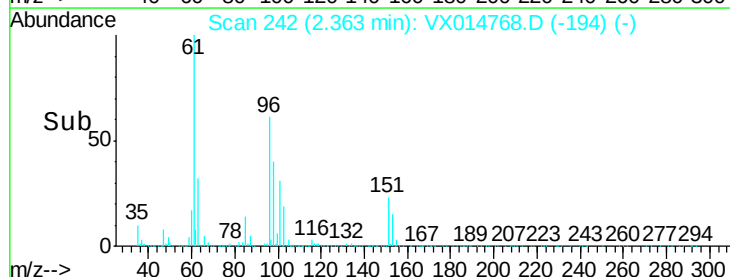
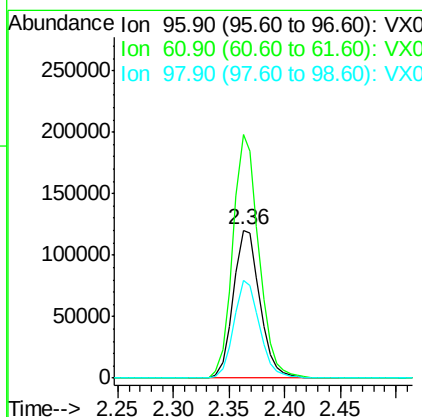
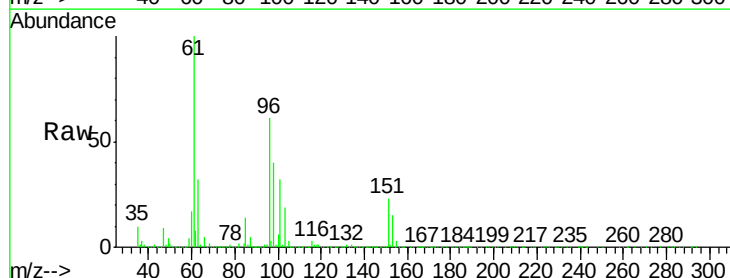
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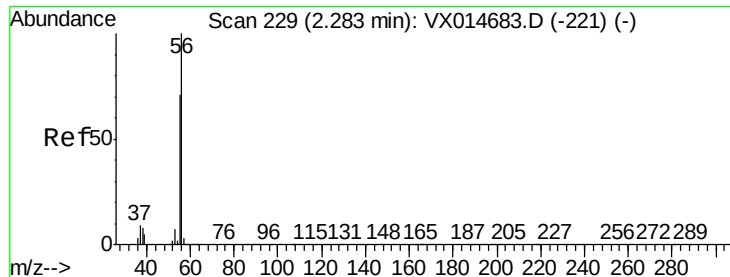


#12

1,1-Dichloroethene
Concen: 46.622 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.5	125.8	188.8
98	65.7	51.5	77.3





#13

Acrolein

Concen: 260.675 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 230440

Ion Ratio Lower Upper

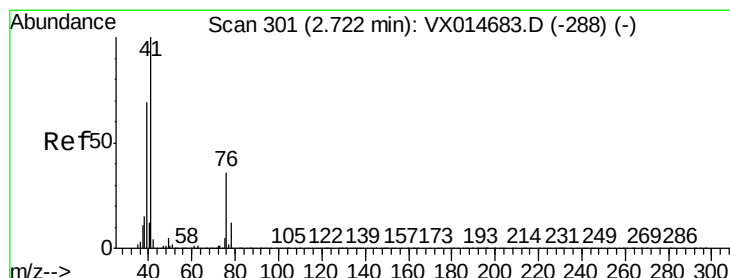
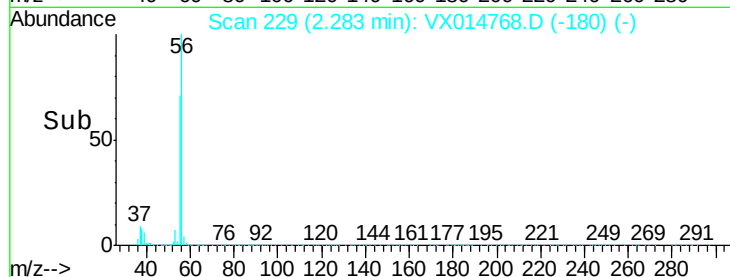
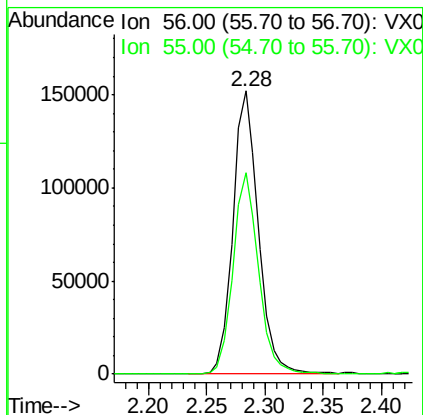
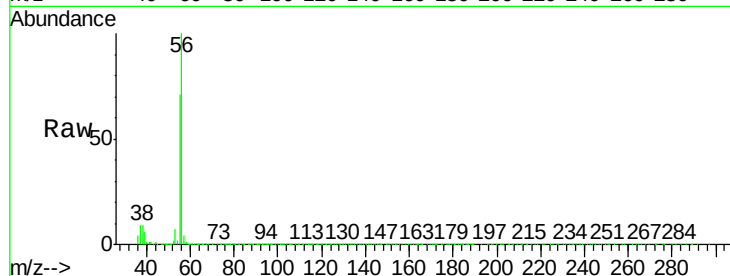
56 100

55 70.9 56.6 84.8

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#14

Allyl chloride

Concen: 46.672 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

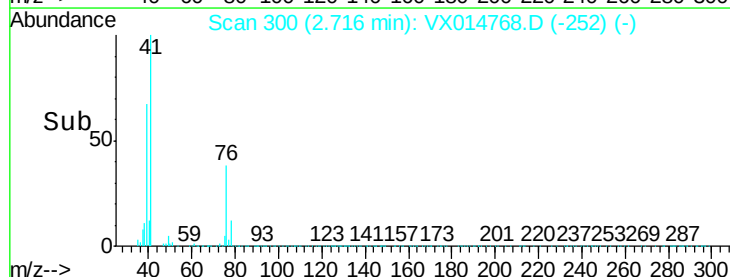
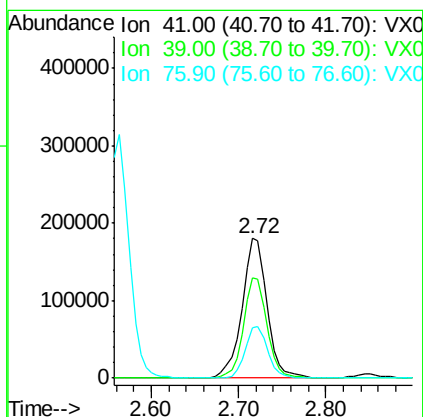
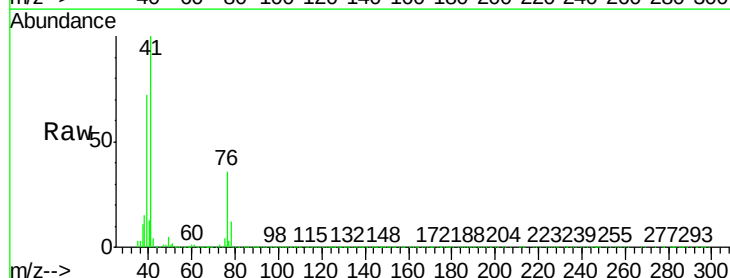
Tgt Ion: 41 Resp: 356629

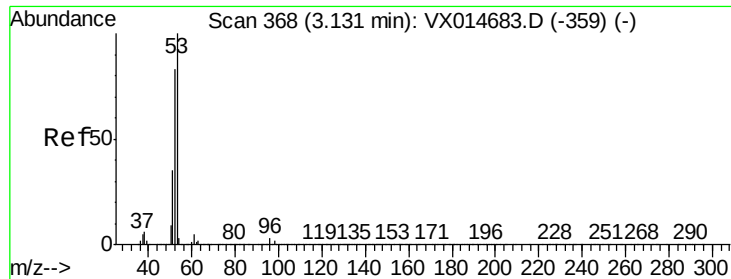
Ion Ratio Lower Upper

41 100

39 66.7 52.0 78.0

76 33.4 26.0 39.0





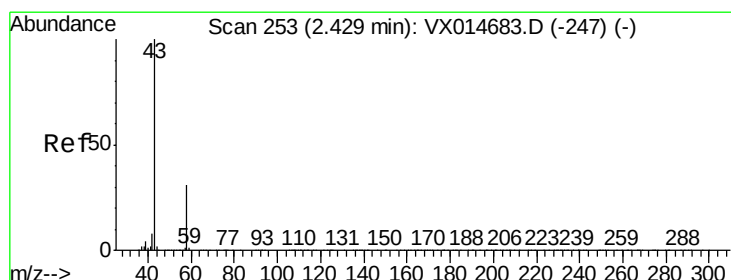
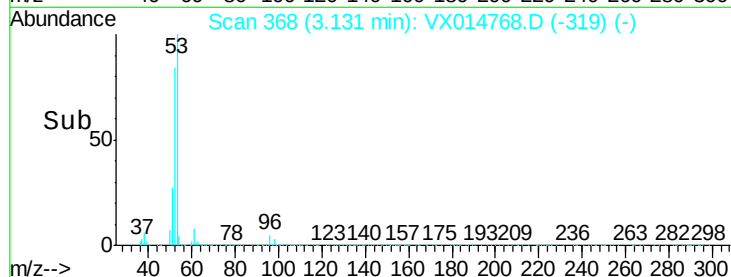
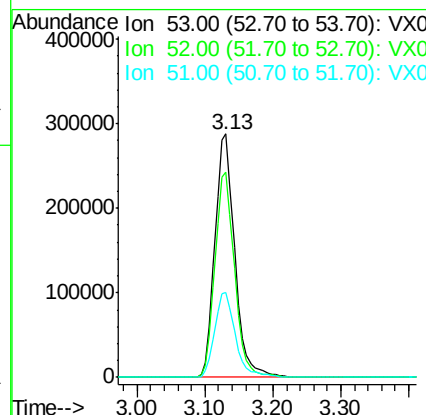
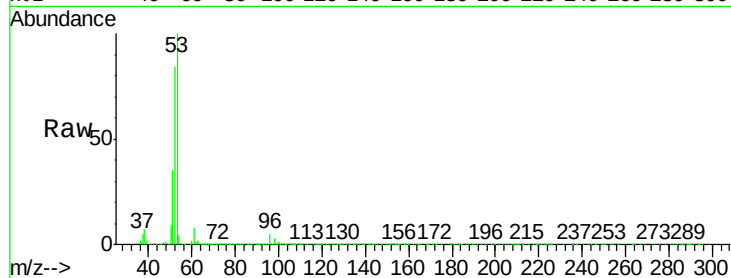
#15
 Acrylonitrile
 Concen: 225.050 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	583805
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.4	99.6
51	36.0	28.7	43.1

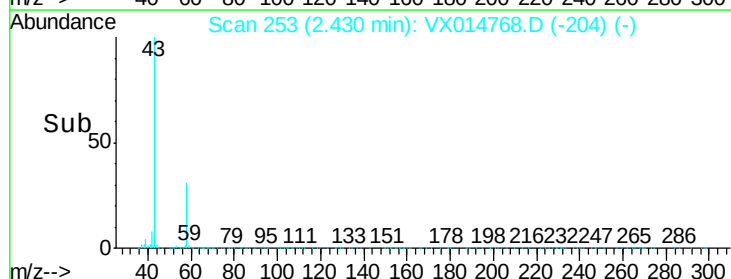
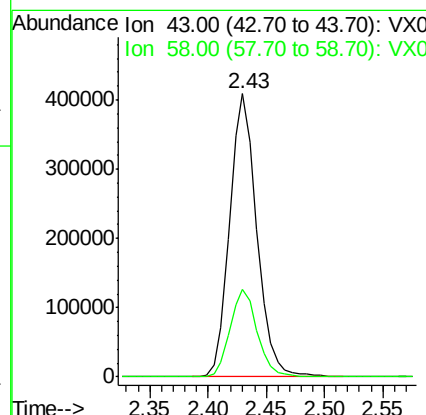
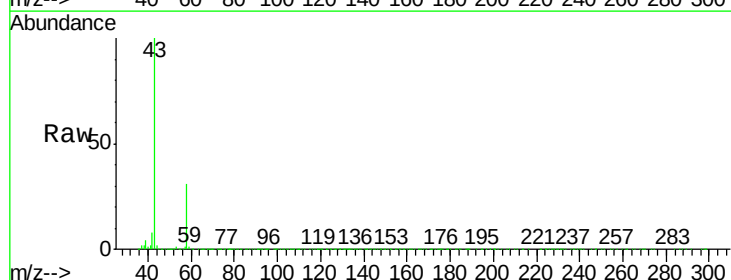
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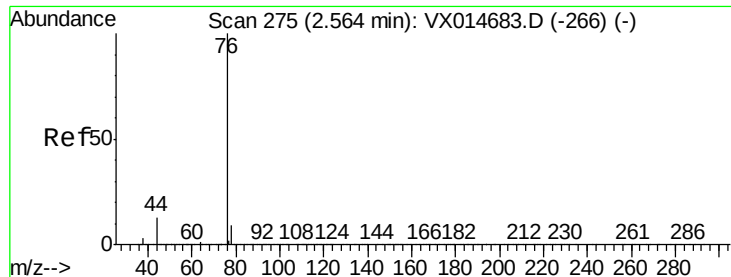
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#16
 Acetone
 Concen: 239.378 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion:	43	Resp:	655147
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.5	36.7





#17

Carbon Disulfide

Concen: 44.491 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 516928

Ion Ratio Lower Upper

76 100

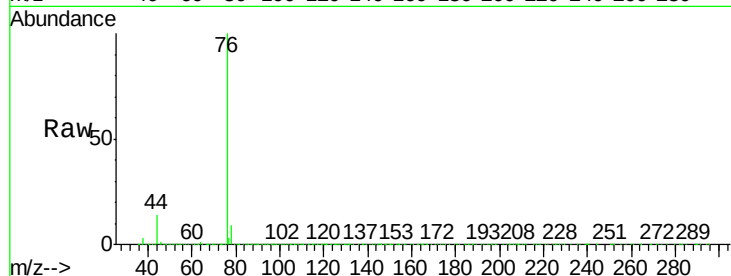
78 8.9 7.2 10.8

Manual Integrations

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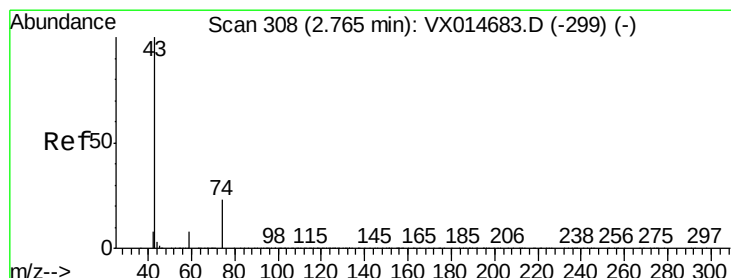
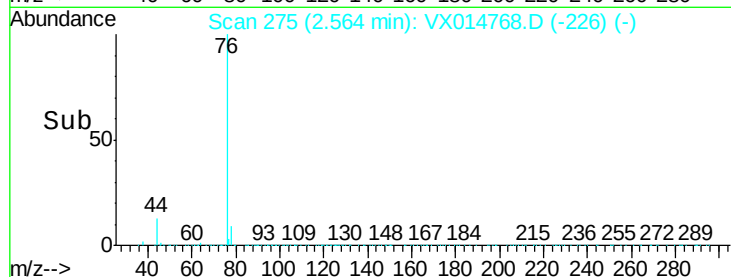
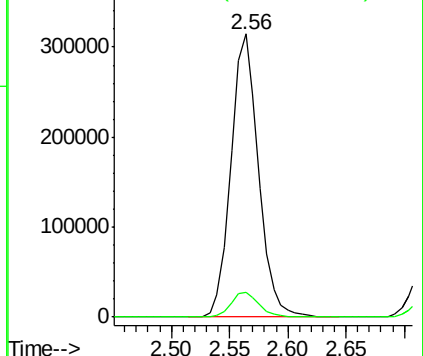
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.414 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014768.D

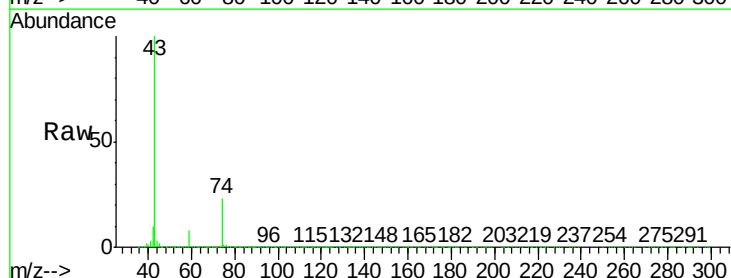
Acq: 30 Jan 2020 10:17

Tgt Ion: 43 Resp: 354795

Ion Ratio Lower Upper

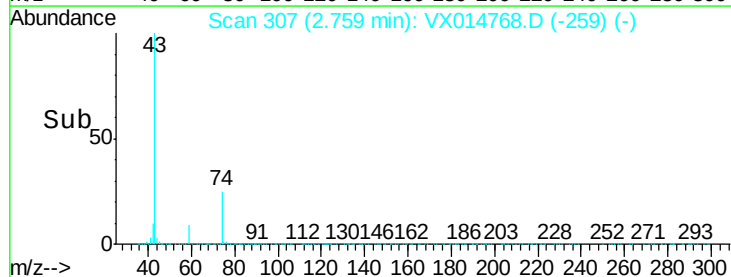
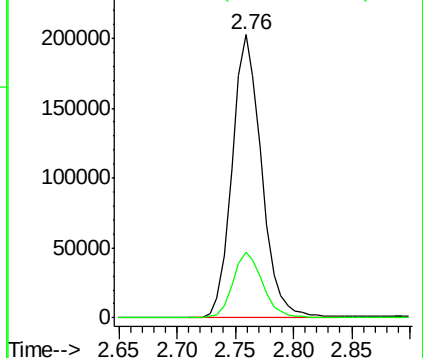
43 100

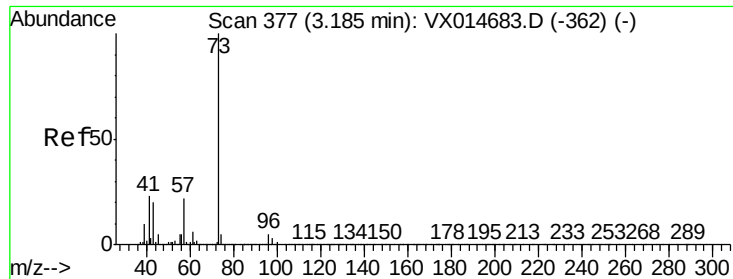
74 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





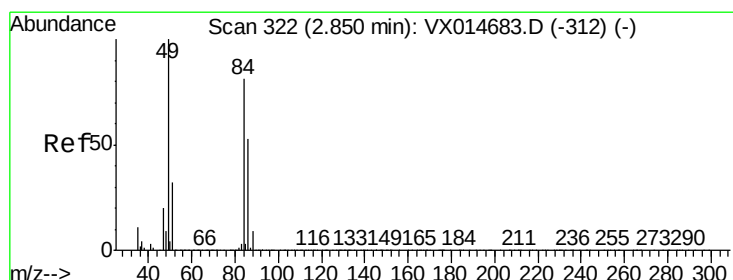
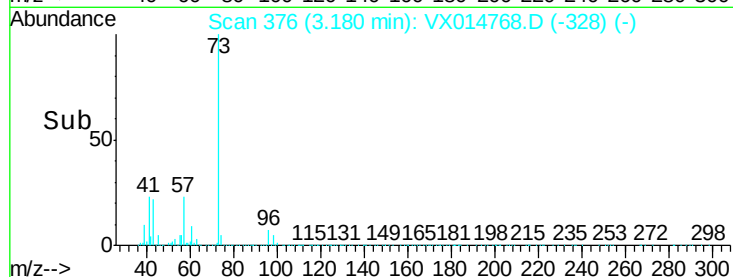
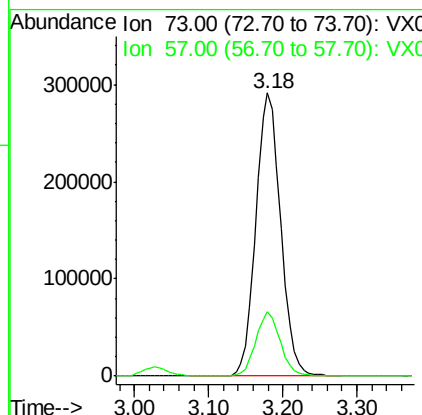
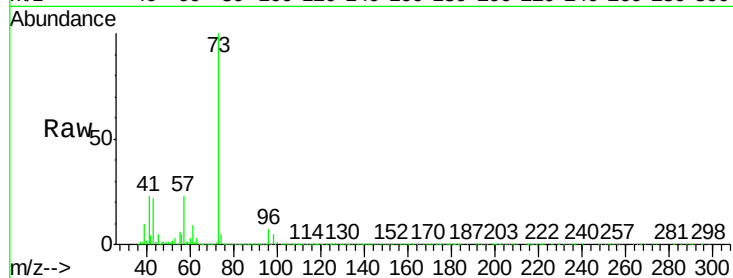
#19
Methyl tert-butyl Ether
Concen: 48.751 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 678810
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

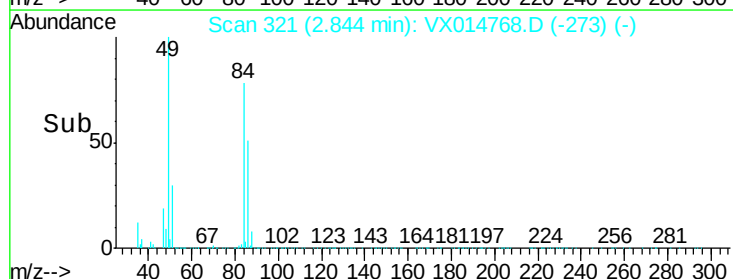
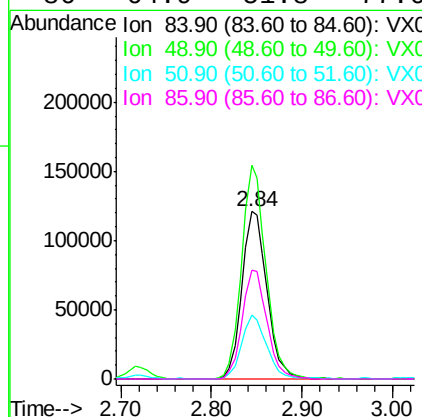
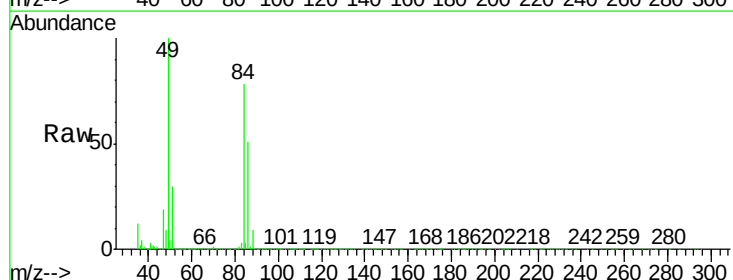
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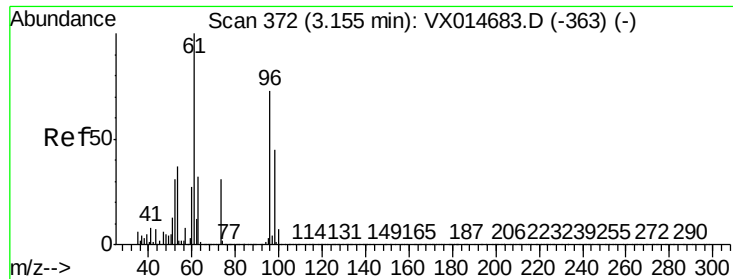
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#20
Methylene Chloride
Concen: 45.578 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion: 84 Resp: 230828
Ion Ratio Lower Upper
84 100
49 127.4 98.2 147.4
51 37.6 31.3 46.9
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 45.996 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

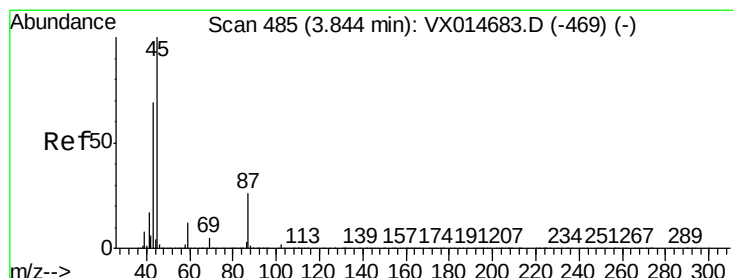
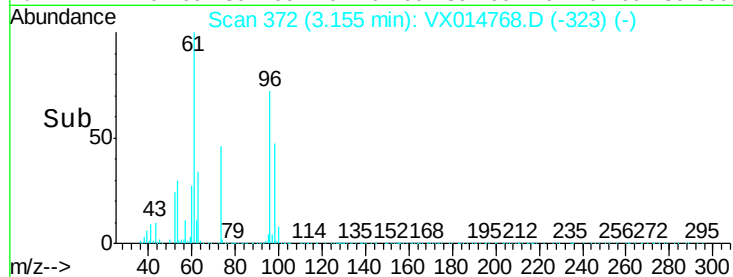
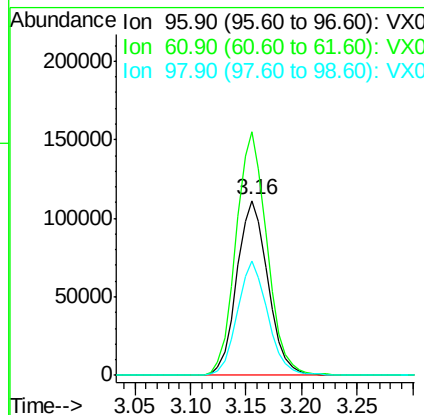
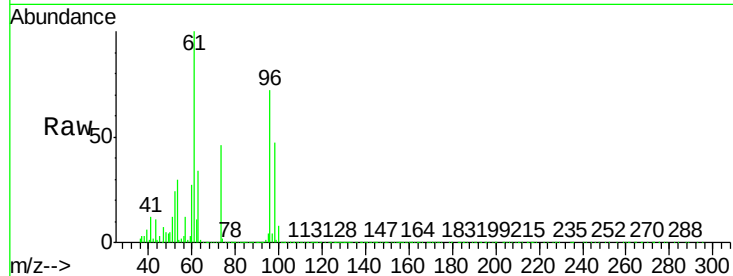
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	215297
Ion Ratio	Lower	Upper	
96	100		
61	138.9	109.8	164.6
98	65.2	49.6	74.4

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#22

Diisopropyl ether

Concen: 49.342 ug/l

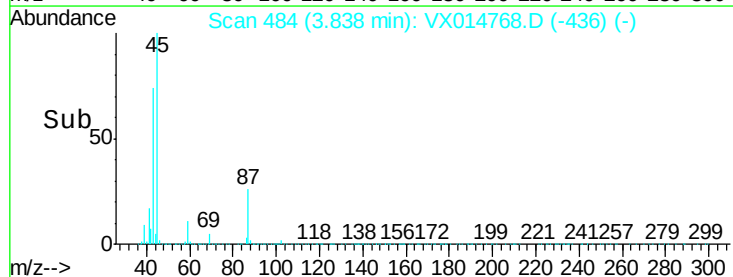
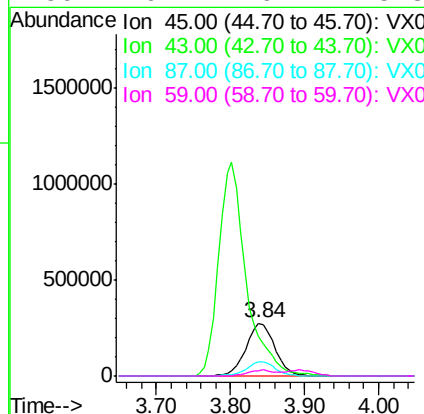
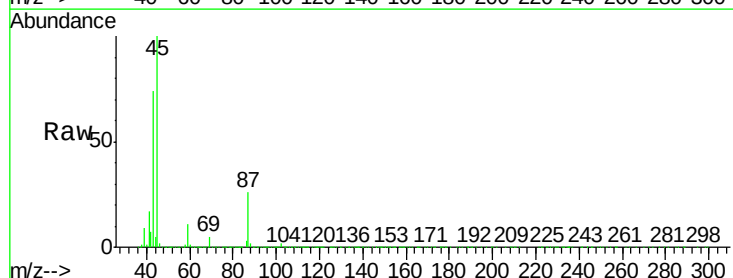
RT: 3.84 min Scan# 484

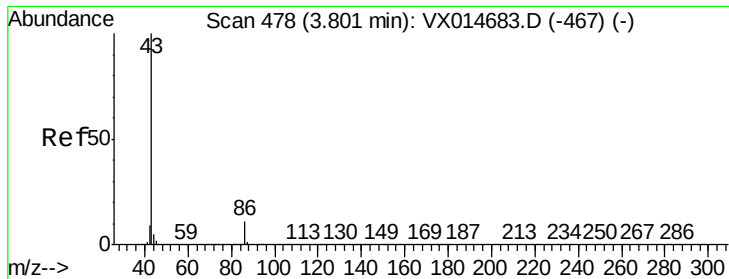
Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	45	Resp:	750112
Ion Ratio	Lower	Upper	
45	100		
43	73.9	55.1	82.7
87	26.2	20.7	31.1
59	10.7	9.2	13.8





#23

Vinyl Acetate

Concen: 247.970 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2873634

Ion Ratio Lower Upper

43 100

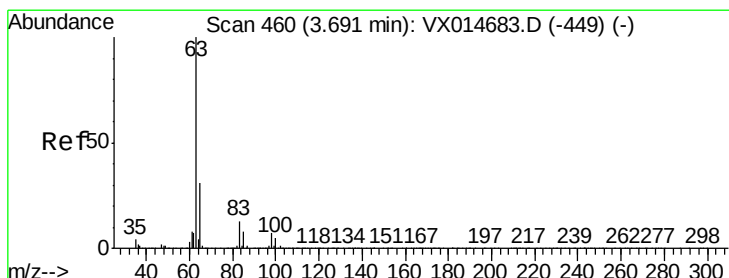
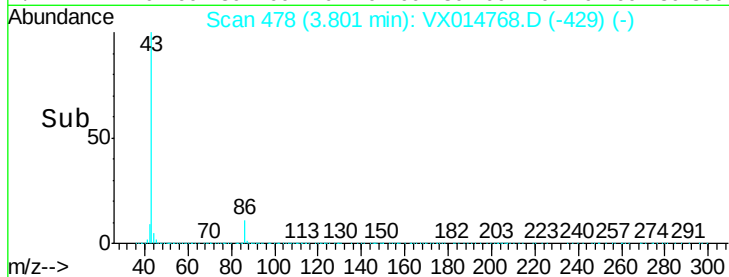
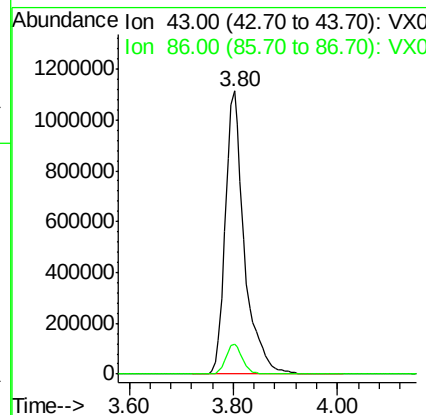
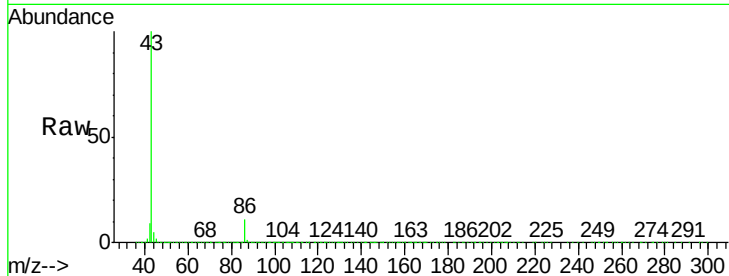
86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 48.147 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

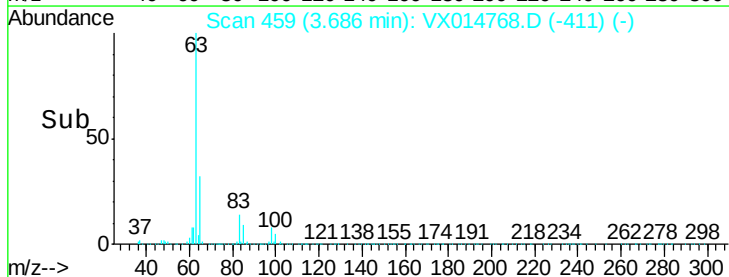
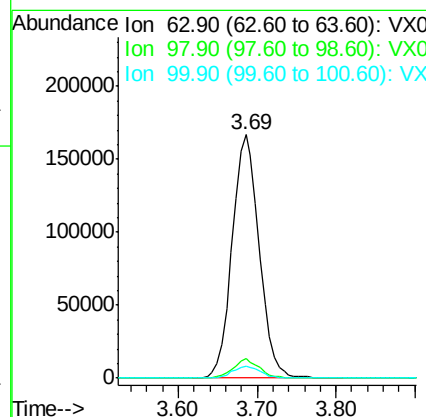
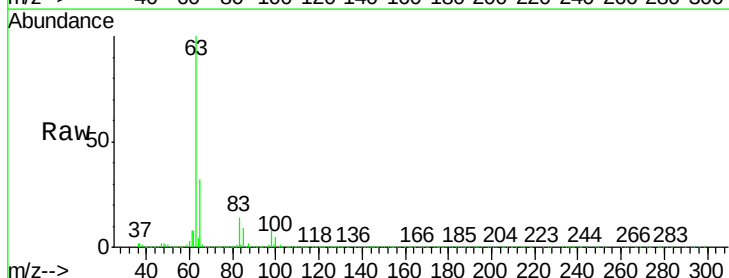
Tgt Ion: 63 Resp: 397503

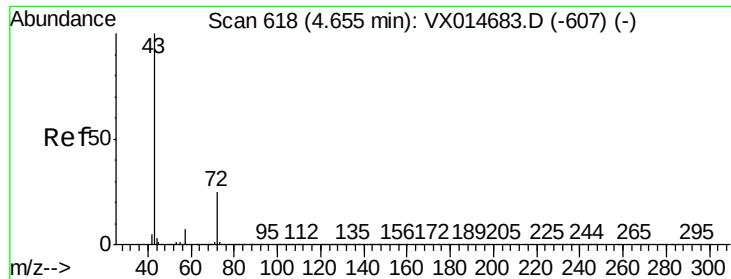
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 228.428 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 895749

Ion Ratio Lower Upper

43 100

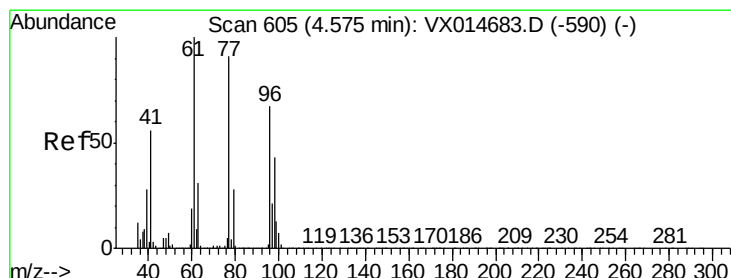
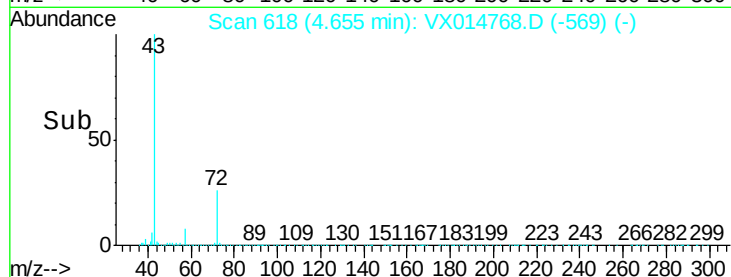
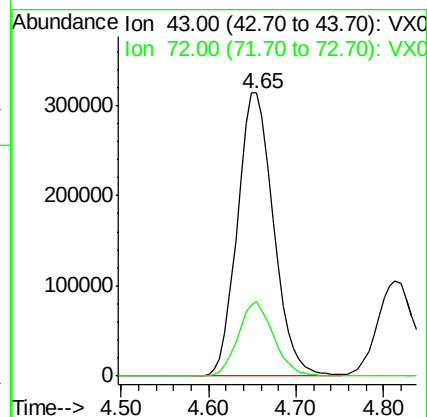
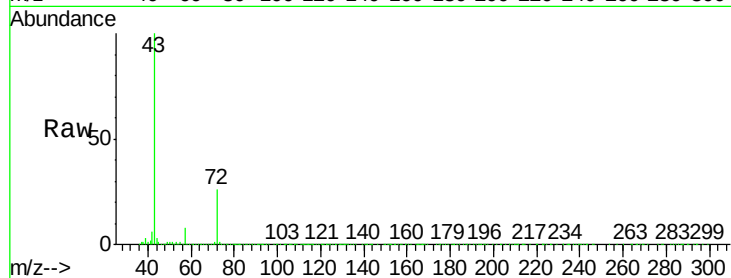
72 26.1 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 48.955 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014768.D

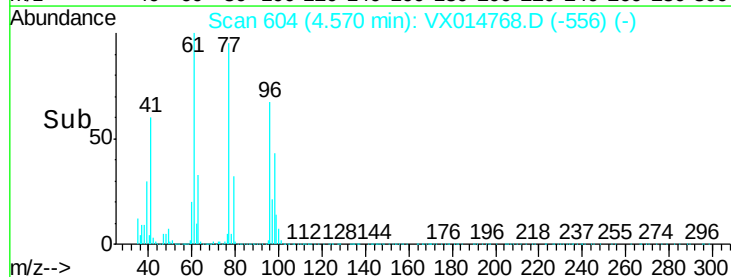
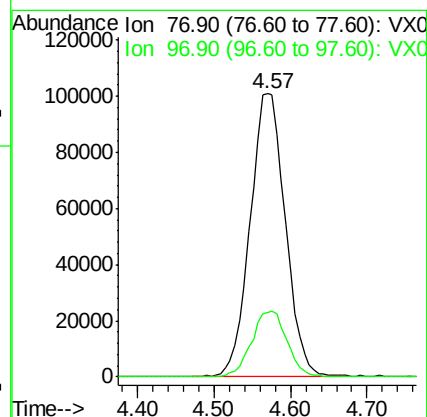
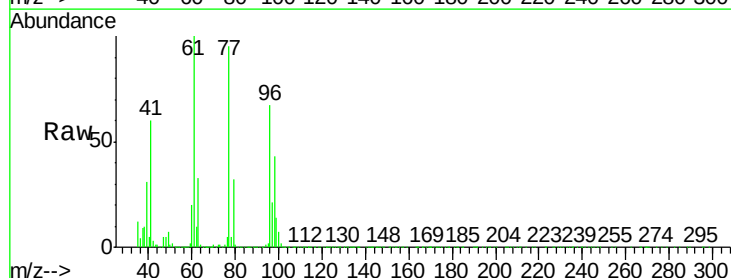
Acq: 30 Jan 2020 10:17

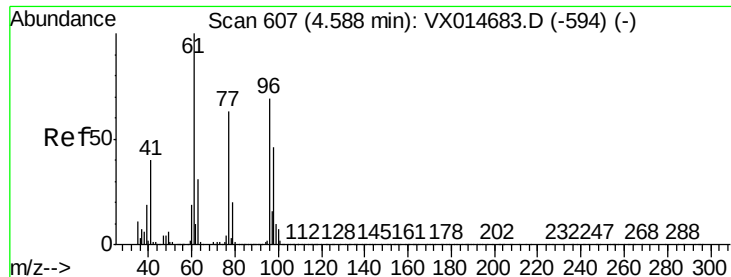
Tgt Ion: 77 Resp: 323508

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

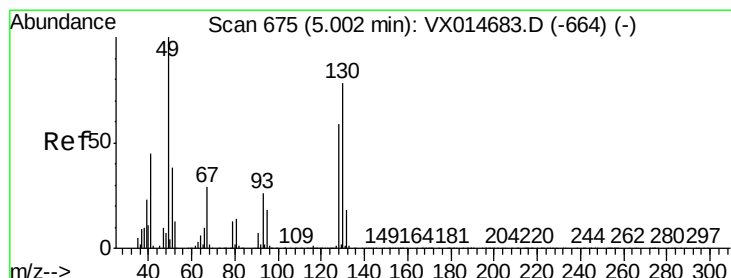
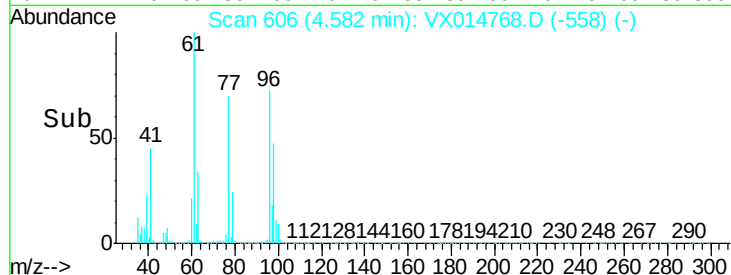
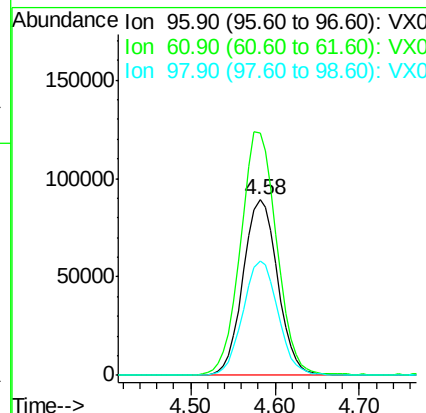
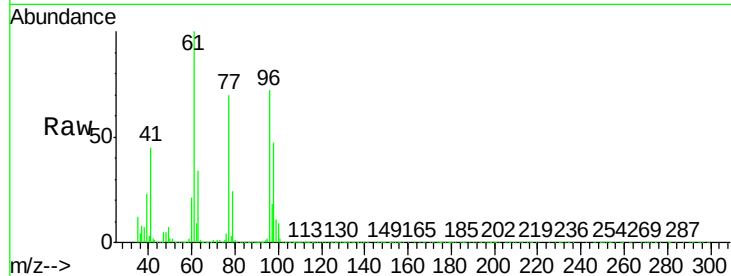
cis-1,2-Dichloroethene
Concen: 47.556 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	291.0
98	65.3	0.0	129.8

Manual Integrations
APPROVED

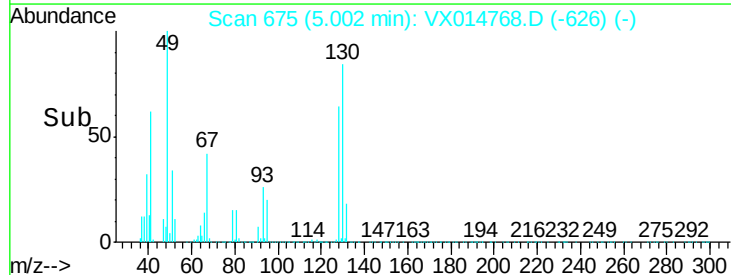
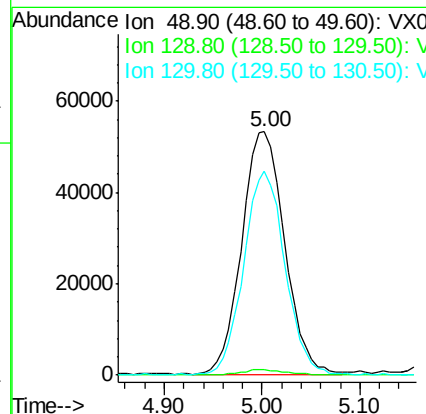
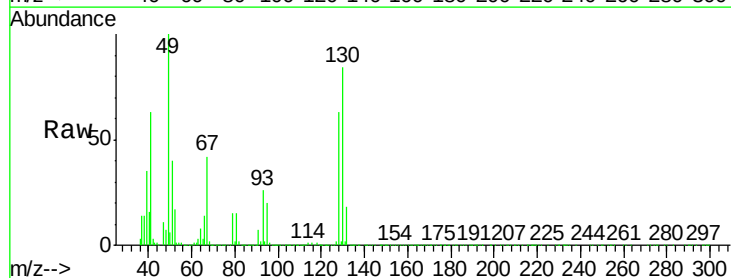
MMDadoda
1/31/2020 10:52:05 AM

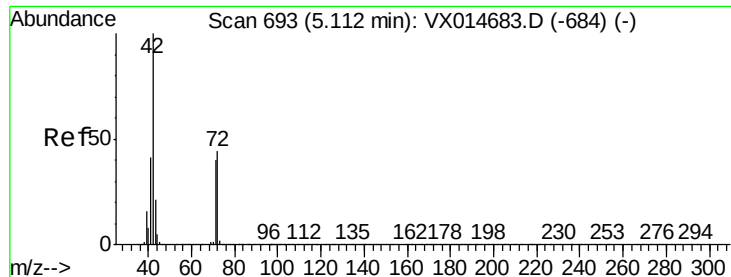


#28

Bromochloromethane
Concen: 44.624 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	80.5	62.4	93.6





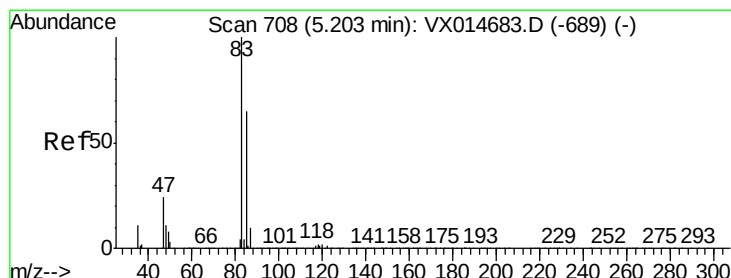
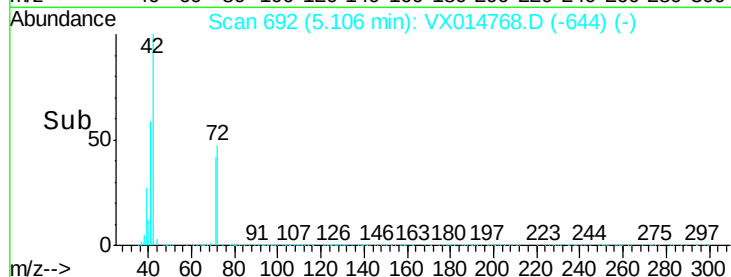
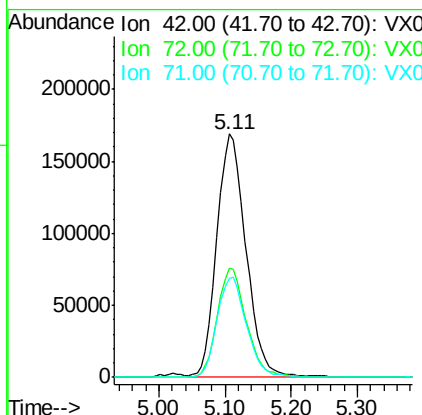
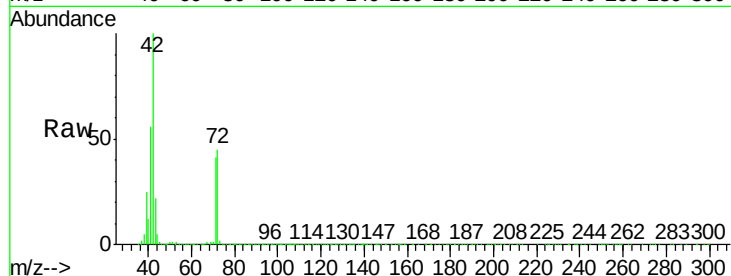
#29
Tetrahydrofuran
Concen: 220.251 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.3	52.9
71	41.6	33.1	49.7

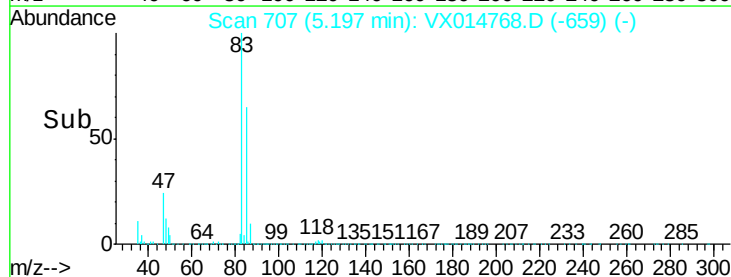
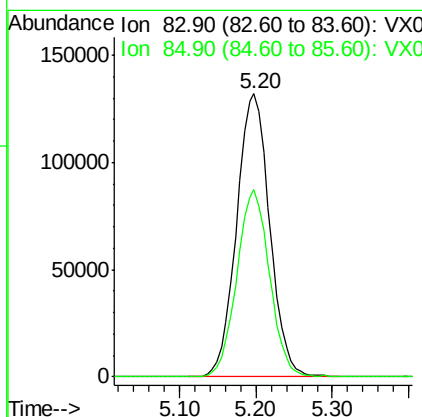
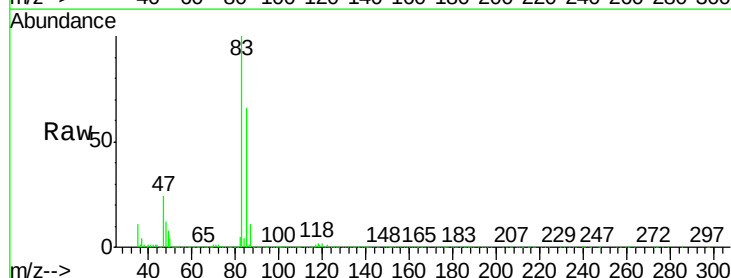
Manual Integrations
APPROVED

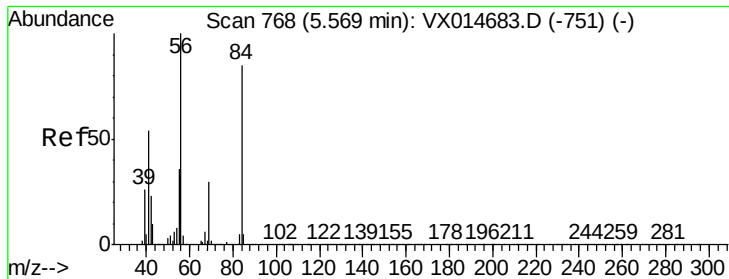
MMDadoda
1/31/2020 10:52:05 AM



#30
Chloroform
Concen: 48.310 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.7	77.5





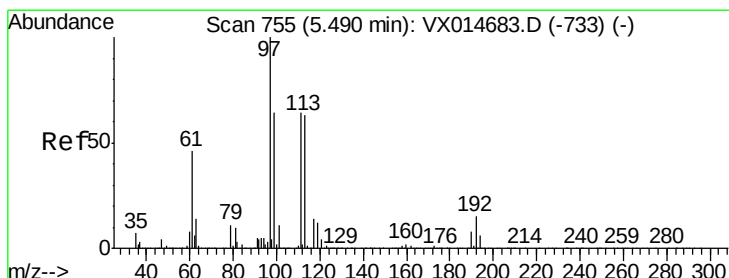
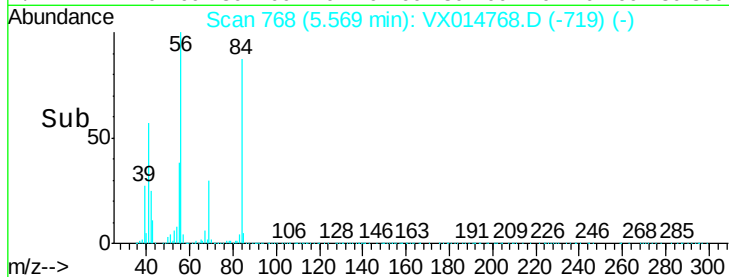
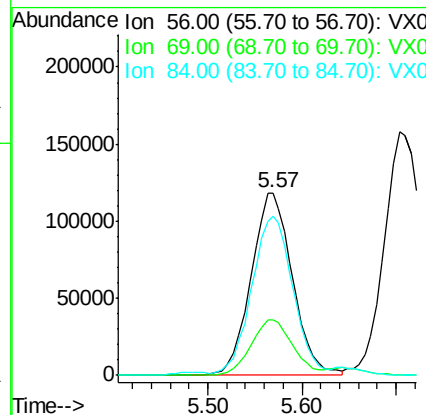
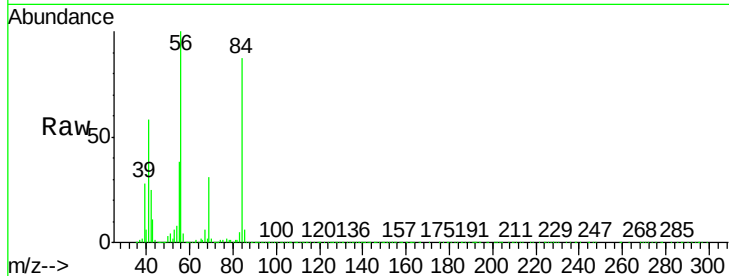
#31
Cyclohexane
Concen: 46.557 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.4	35.2
84	86.0	68.4	102.6

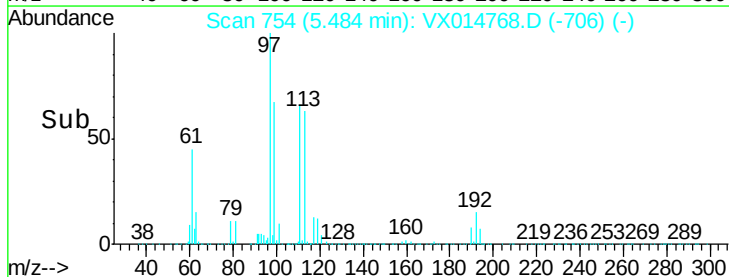
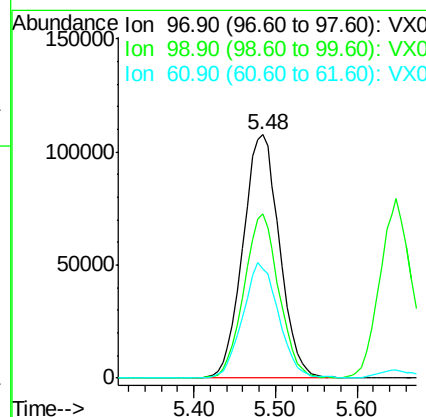
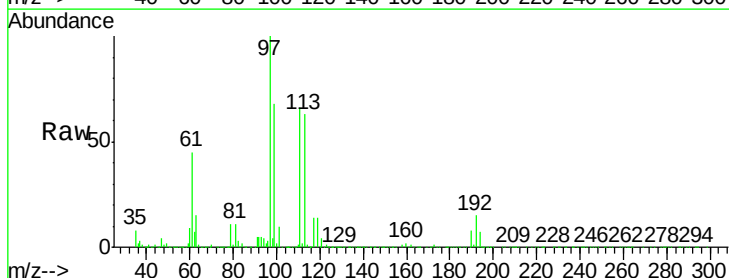
Manual Integrations
APPROVED

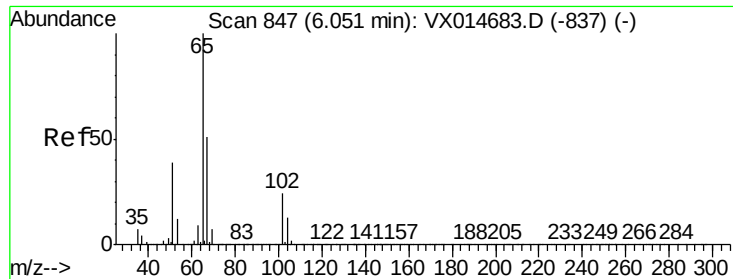
MMDadoda
1/31/2020 10:52:05 AM



#32
1,1,1-Trichloroethane
Concen: 48.293 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	46.9	37.2	55.8





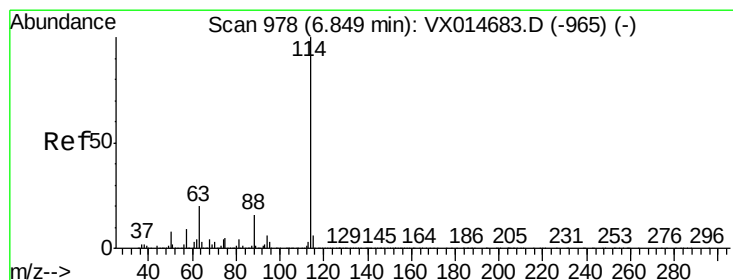
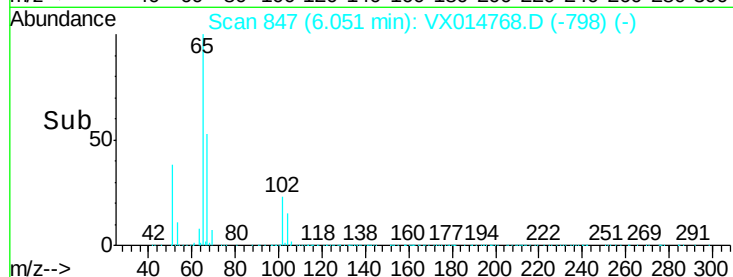
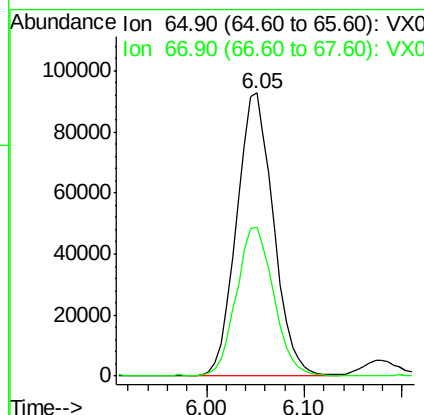
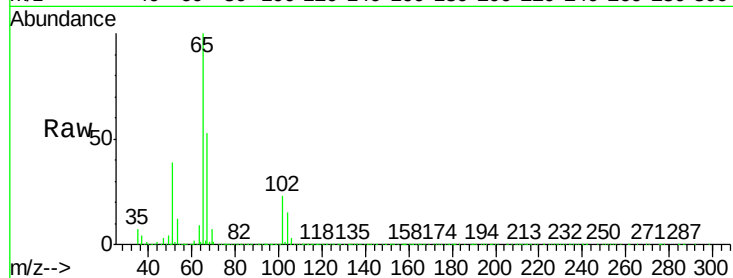
#33
 1,2-Dichloroethane-d4
 Concen: 48.392 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.4

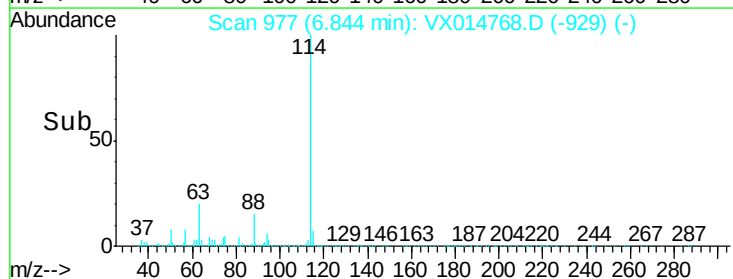
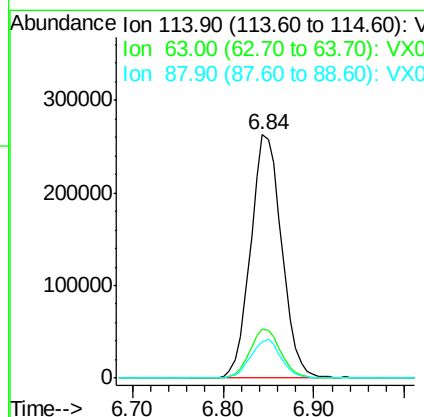
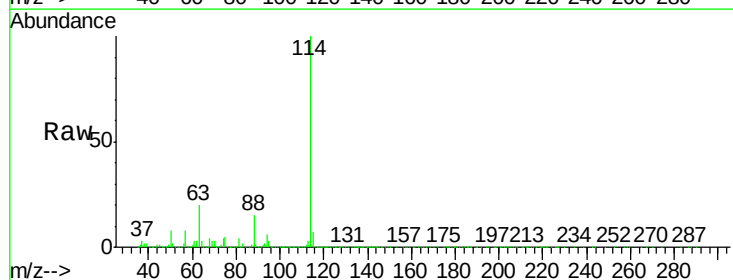
Manual Integrations
 APPROVED

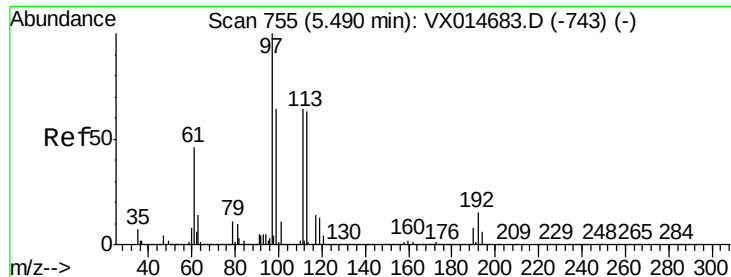
MMDadoda
 1/31/2020 10:52:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	14.9	0.0	31.2





#35

Dibromofluoromethane

Concen: 50.673 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

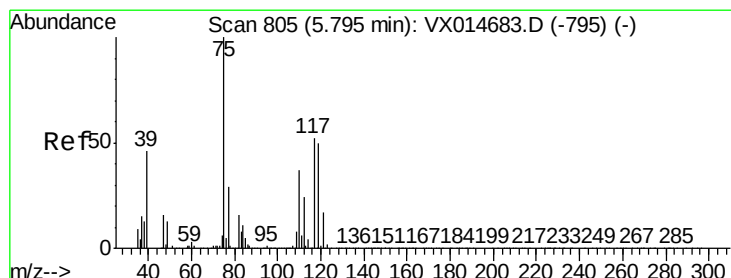
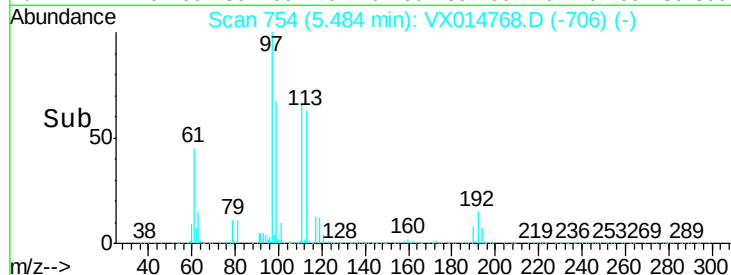
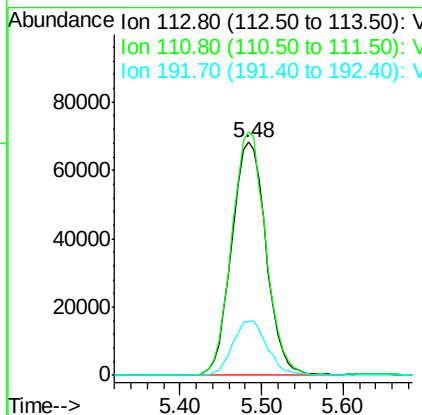
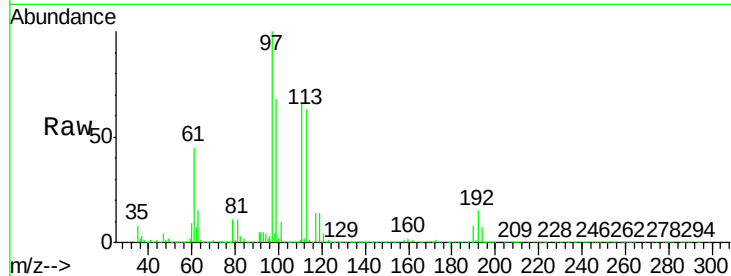
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	199159
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.7	121.1
192	23.7	18.5	27.7

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:05 AM



#36

1,1-Dichloropropene

Concen: 50.873 ug/l

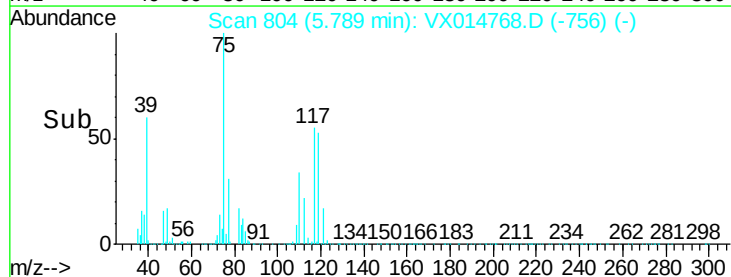
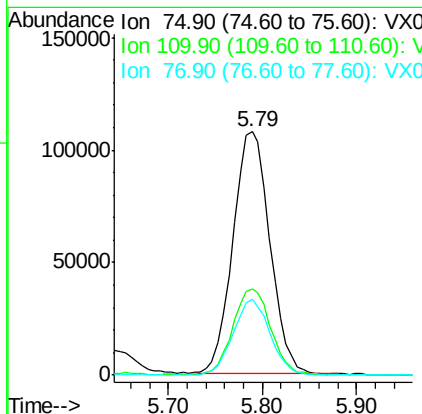
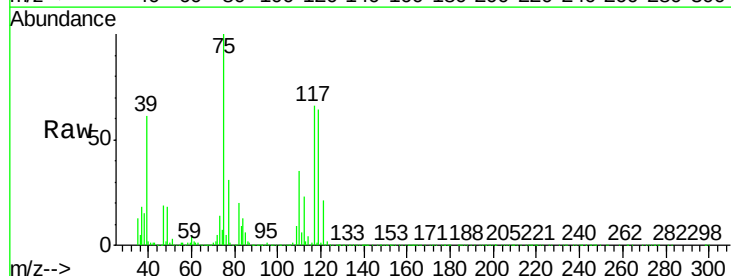
RT: 5.79 min Scan# 804

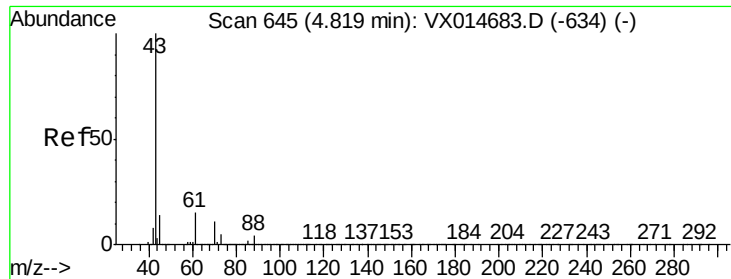
Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	75	Resp:	294436
Ion Ratio	Lower	Upper	
75	100		
110	37.0	17.9	53.7
77	31.6	24.1	36.1





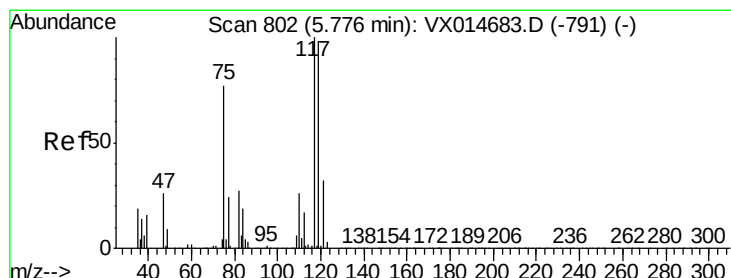
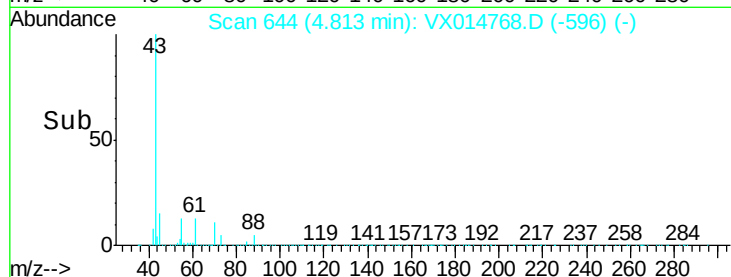
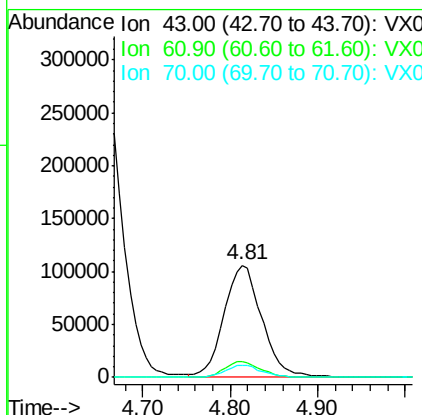
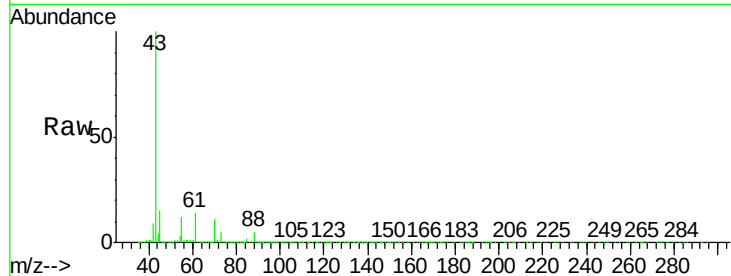
#37
Ethyl Acetate
Concen: 47.014 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.5	8.5	12.7

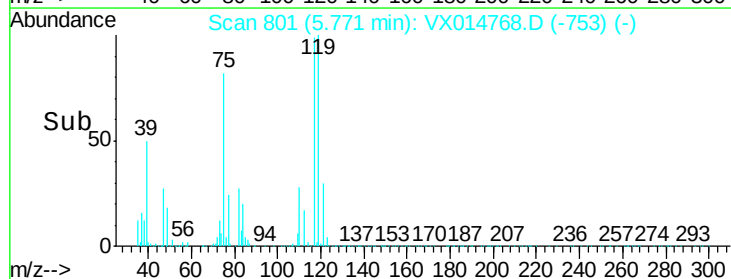
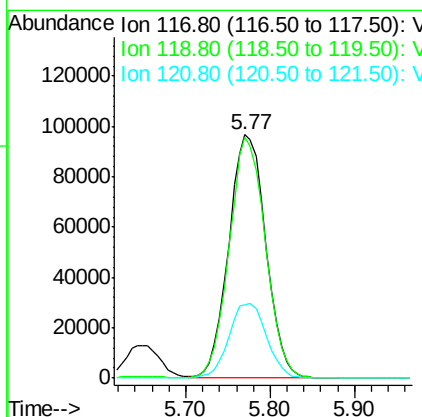
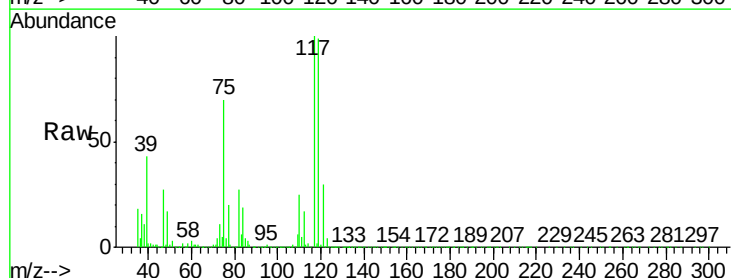
Manual Integrations
APPROVED

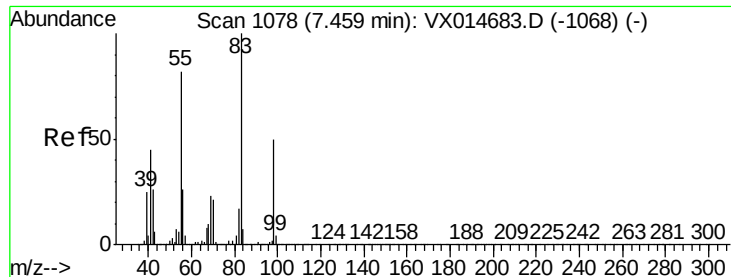
MMDadoda
1/31/2020 10:52:05 AM



#38
Carbon Tetrachloride
Concen: 52.051 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.9	116.9
121	29.9	25.4	38.2





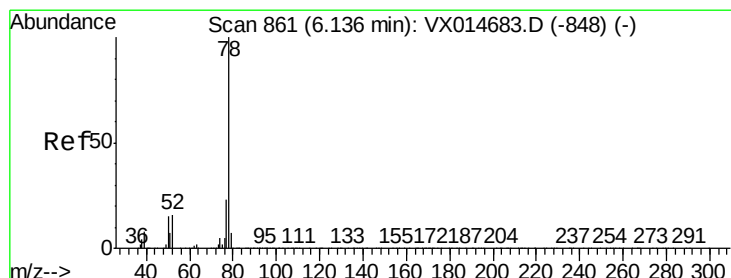
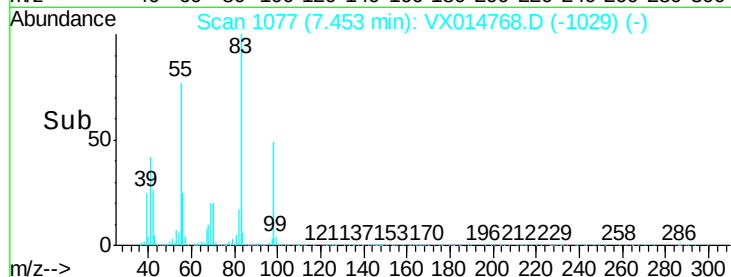
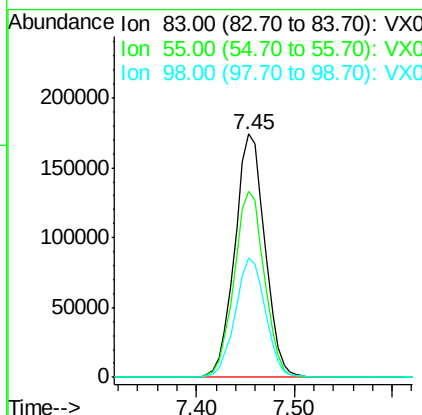
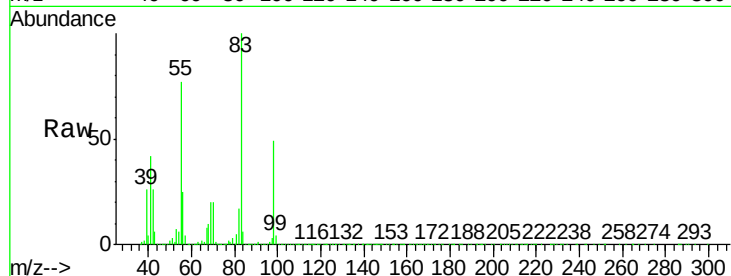
#39
Methylvlcyclohexane
Concen: 51.343 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	65.6	98.4
98	49.1	40.2	60.4

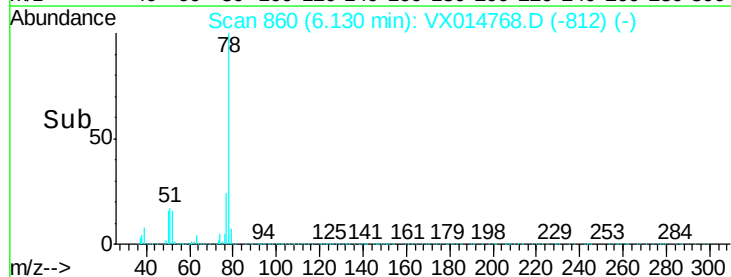
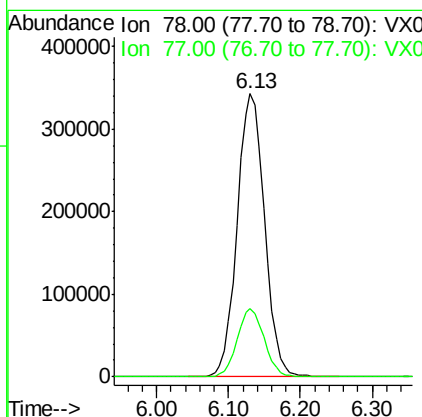
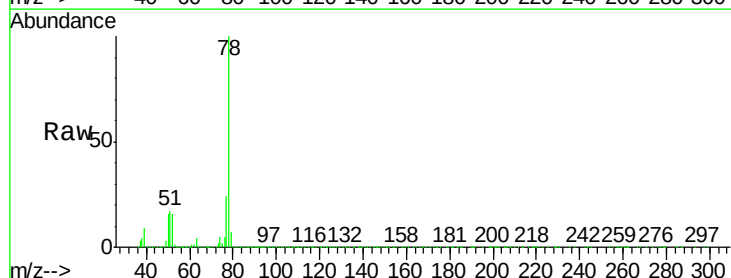
Manual Integrations
APPROVED

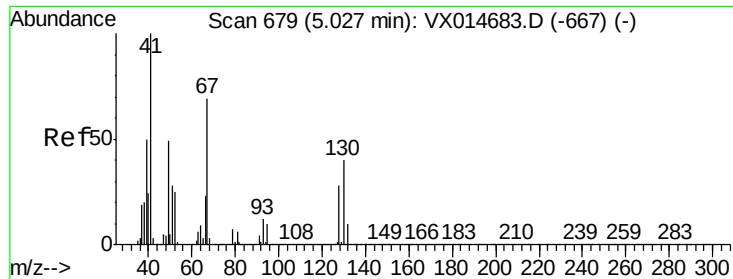
MMDadoda
1/31/2020 10:52:05 AM



#40
Benzene
Concen: 50.461 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





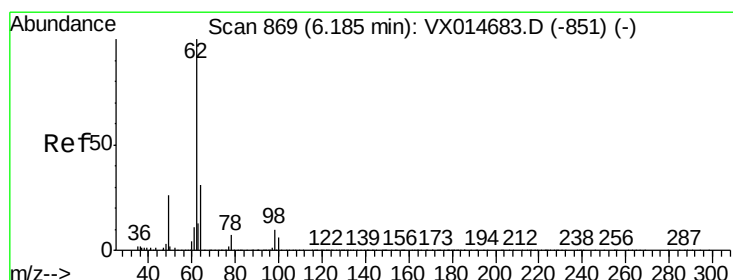
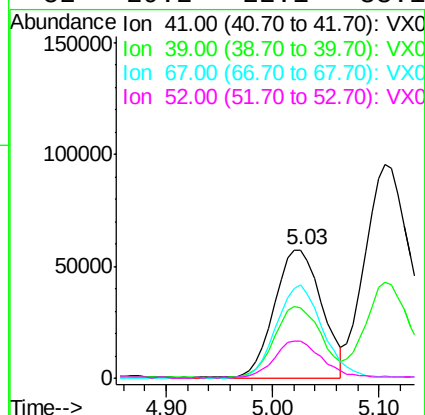
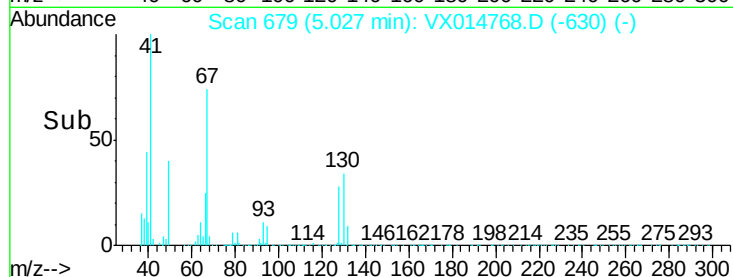
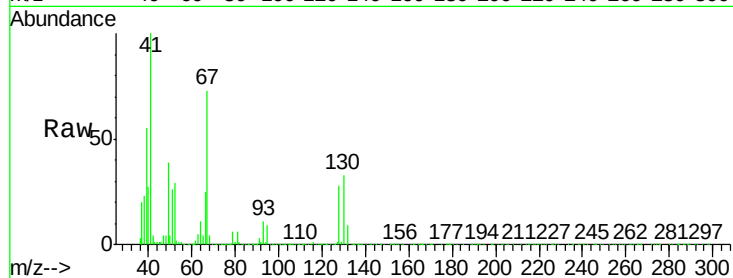
#41
Methacrylonitrile
Concen: 46.278 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		175085		
39	55.7	42.2	63.2		
67	71.1	55.4	83.0		
52	29.2	22.1	33.1		

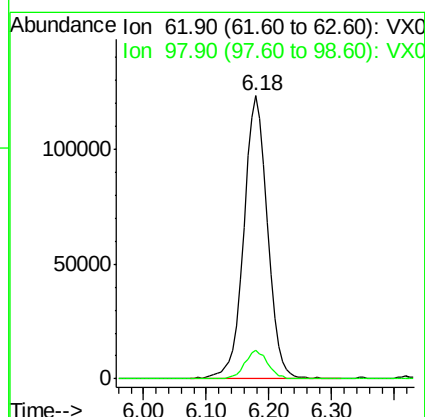
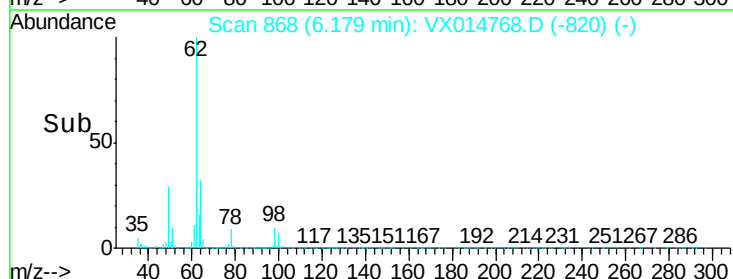
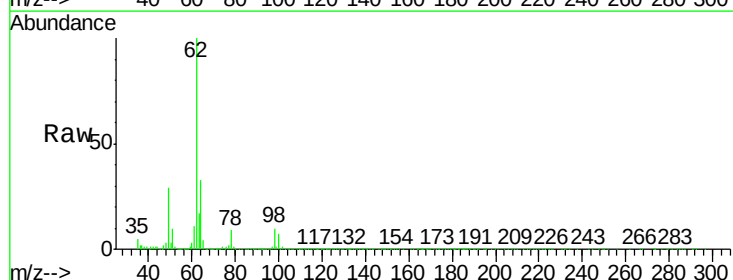
Manual Integrations
APPROVED

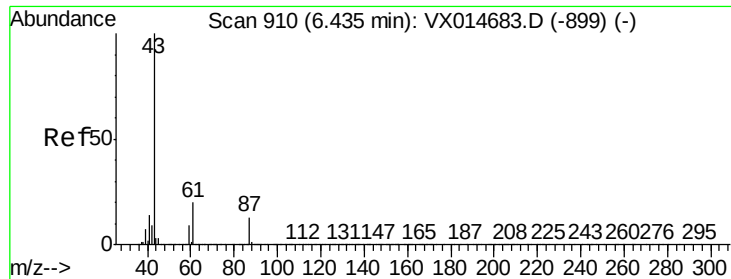
MMDadoda
1/31/2020 10:52:05 AM



#42
1,2-Dichloroethane
Concen: 52.006 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		321152		
98	9.8	0.0	20.0		





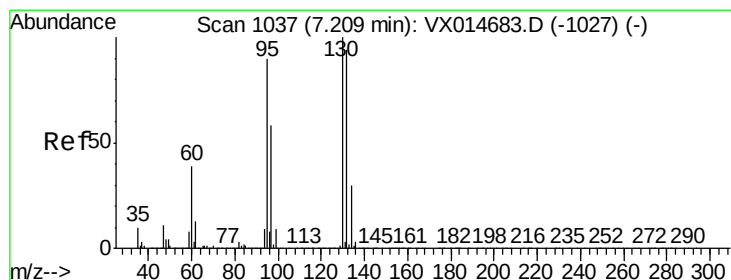
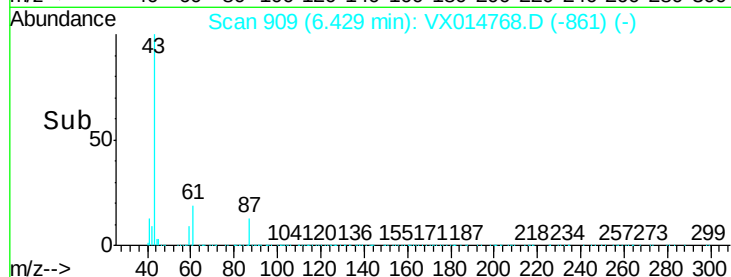
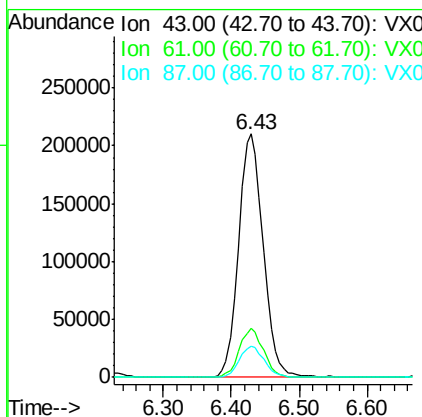
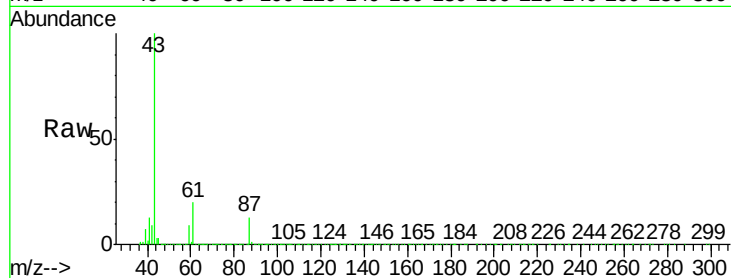
#43
Isopropyl Acetate
Concen: 48.331 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.4
87	12.8	10.5	15.7

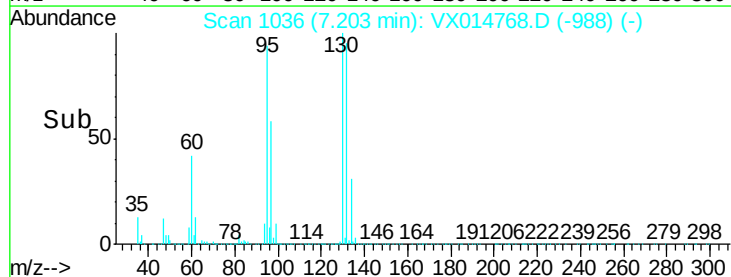
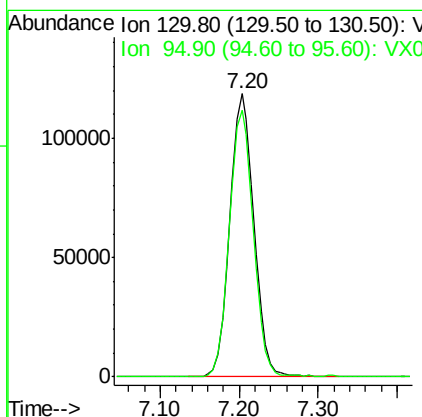
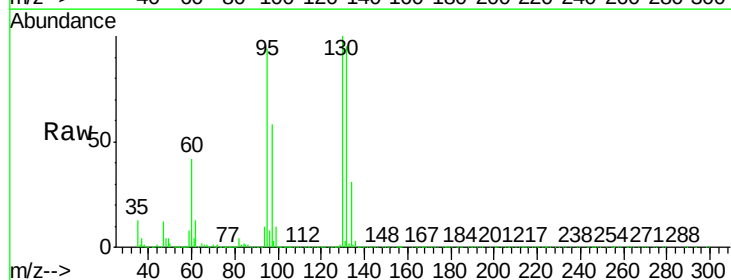
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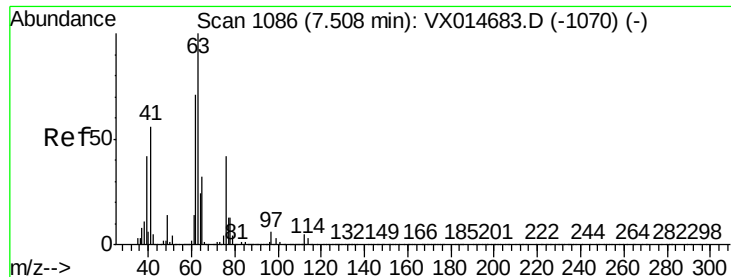
MMDadoda
1/31/2020 10:52:05 AM



#44
Trichloroethene
Concen: 49.970 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	179.8





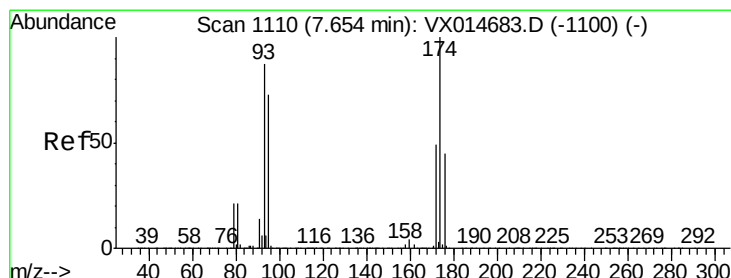
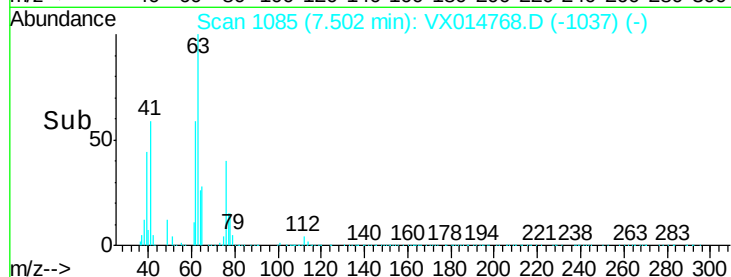
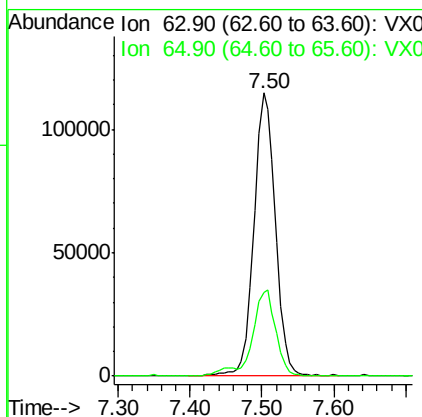
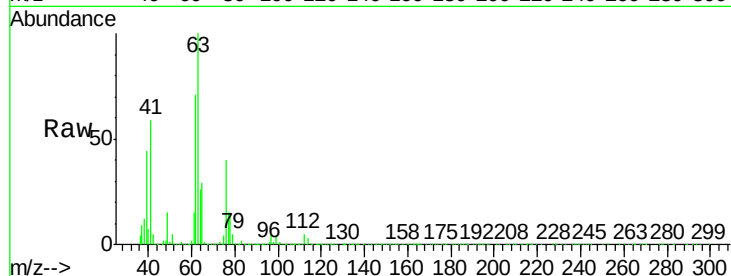
#45
 1,2-Dichloropropane
 Concen: 51.915 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	25.2	37.8

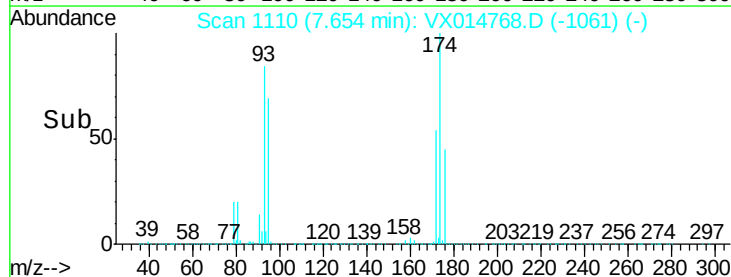
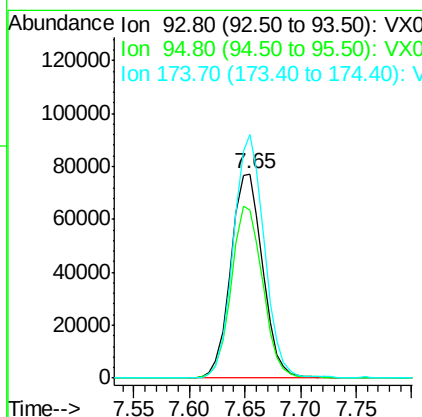
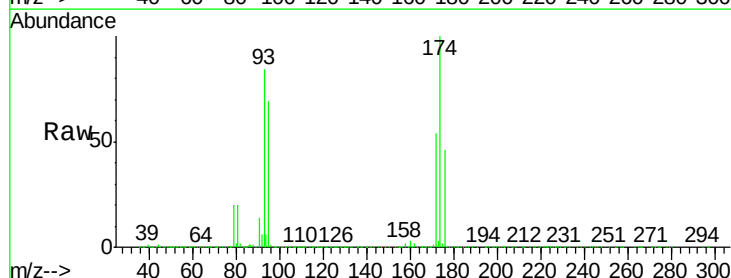
Manual Integrations
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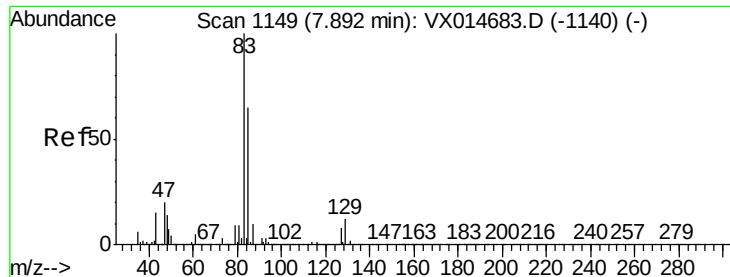
MMDadoda
 1/31/2020 10:52:05 AM



#46
 Dibromomethane
 Concen: 51.598 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.0	100.4
174	115.3	90.2	135.2





#47

Bromodichloromethane

Concen: 53.198 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

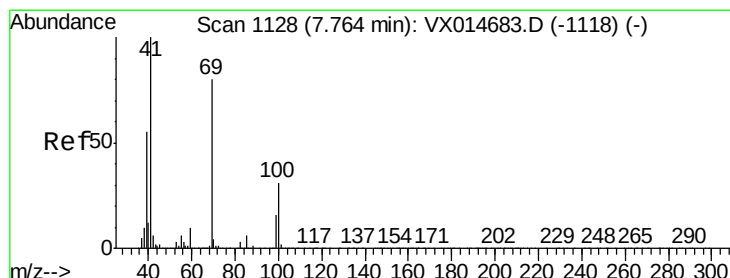
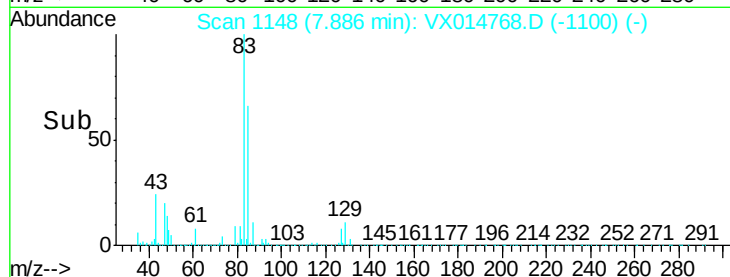
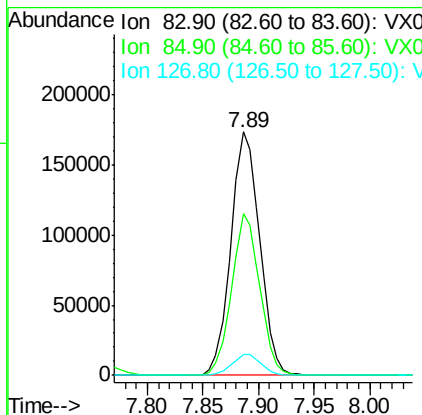
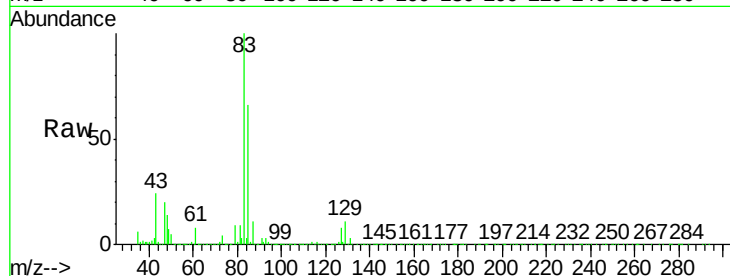
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	311322
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.2	78.2
127	8.4	6.4	9.6

Manual Integrations
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MMDadoda
1/31/2020 10:52:05 AM



#48

Methyl methacrylate

Concen: 50.649 ug/l

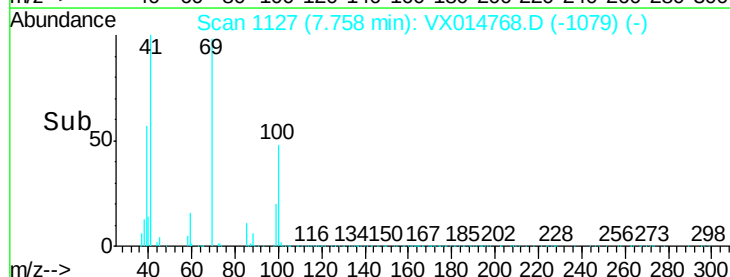
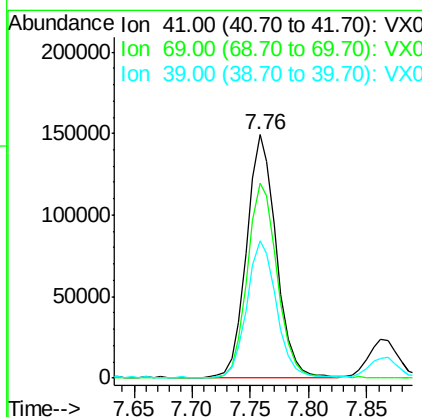
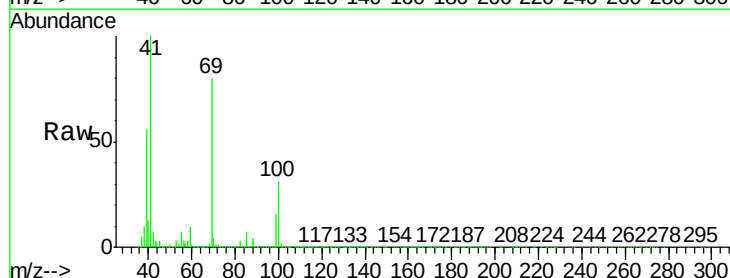
RT: 7.76 min Scan# 1127

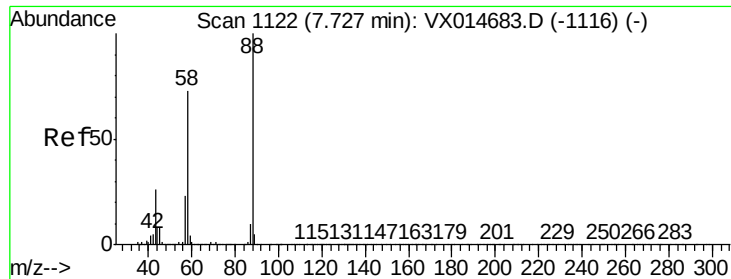
Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	41	Resp:	262687
Ion Ratio	Lower	Upper	
41	100		
69	81.8	63.5	95.3
39	56.6	43.7	65.5





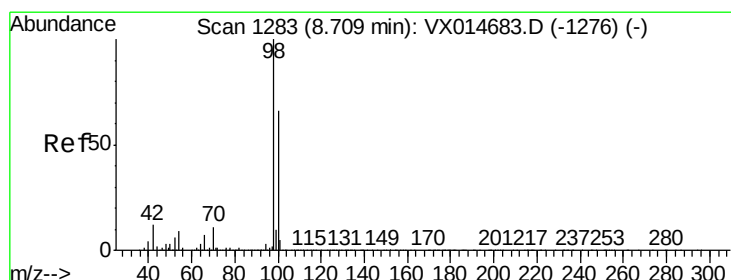
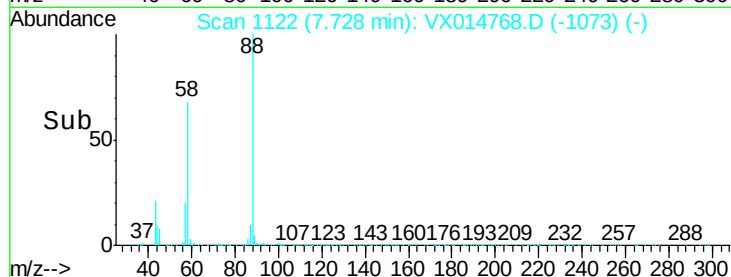
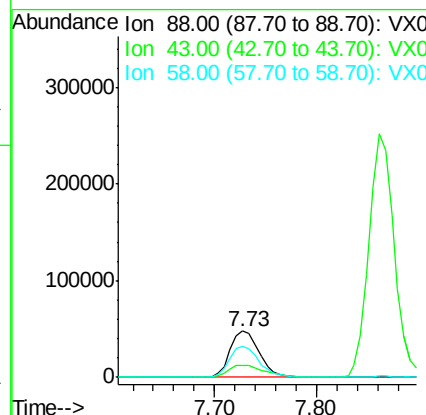
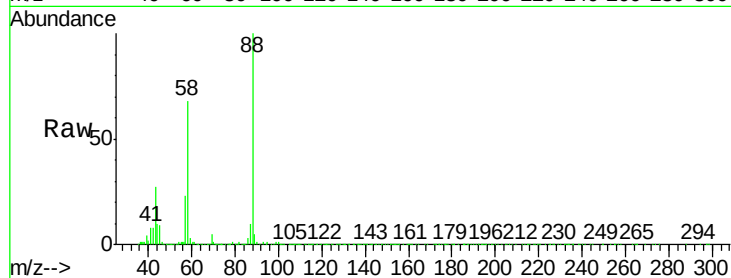
#49
1,4-Dioxane
Concen: 855.206 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.2	39.2
58	69.8	56.6	85.0

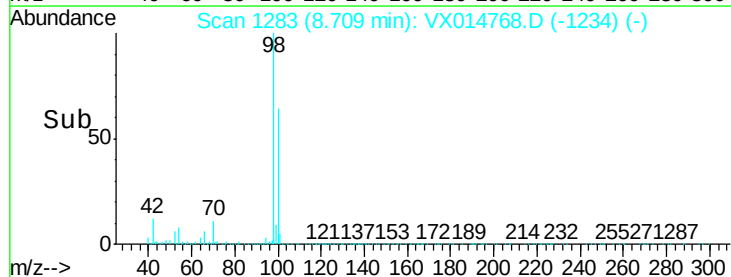
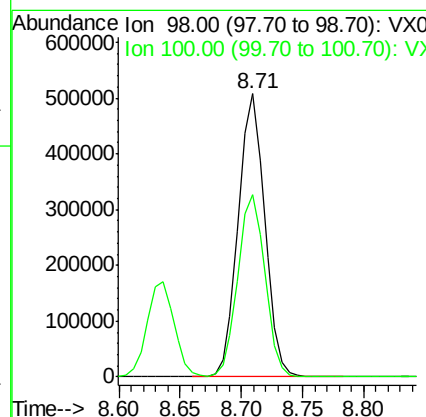
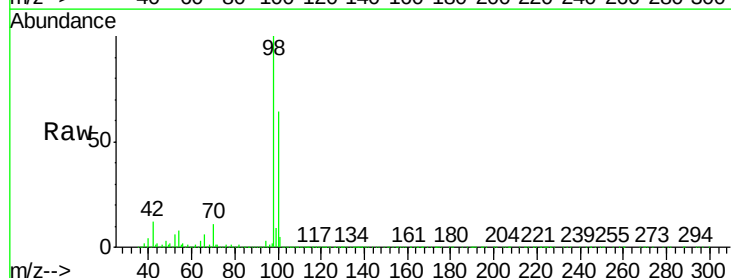
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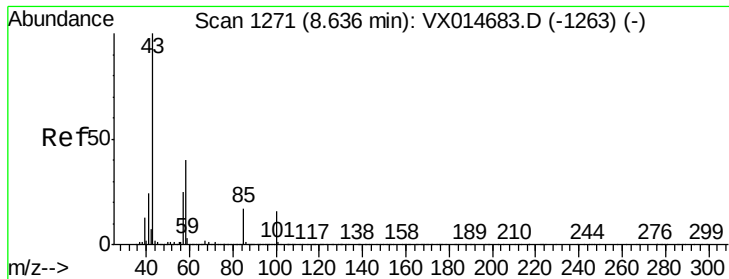
MMDadoda
1/31/2020 10:52:05 AM



#50
Toluene-d8
Concen: 50.270 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 239.522 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1640997

Ion Ratio Lower Upper

43 100

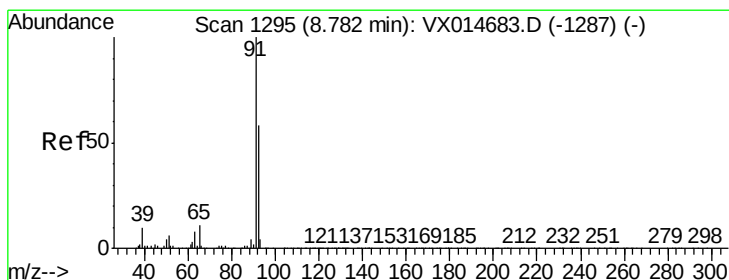
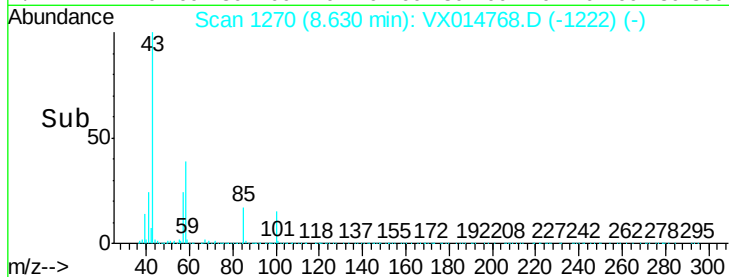
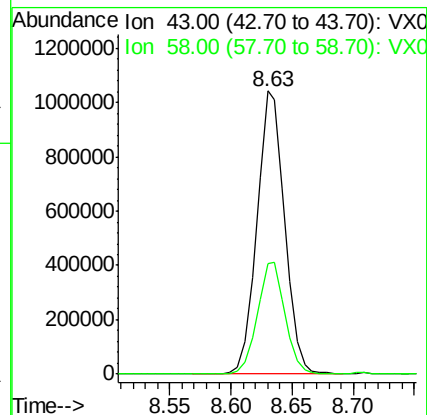
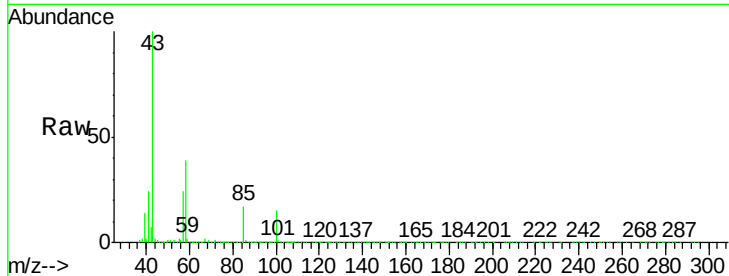
58 39.5 31.6 47.4

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 51.548 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014768.D

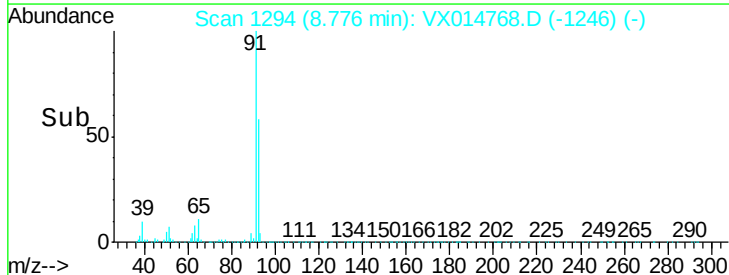
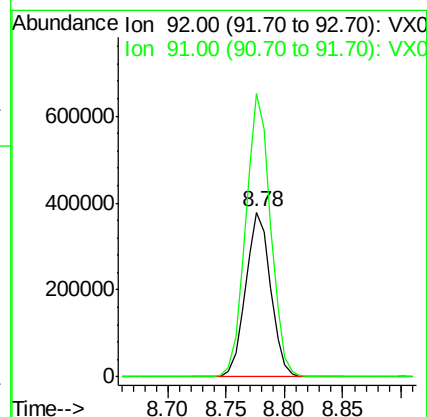
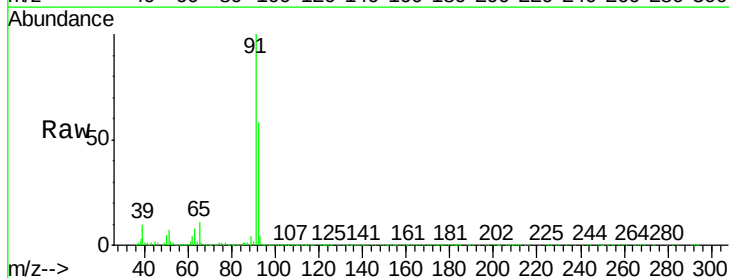
Acq: 30 Jan 2020 10:17

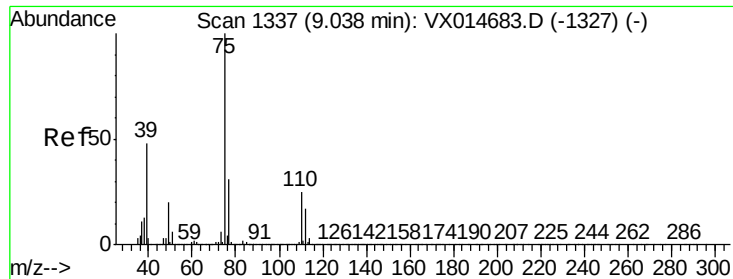
Tgt Ion: 92 Resp: 566646

Ion Ratio Lower Upper

92 100

91 171.7 135.9 203.9





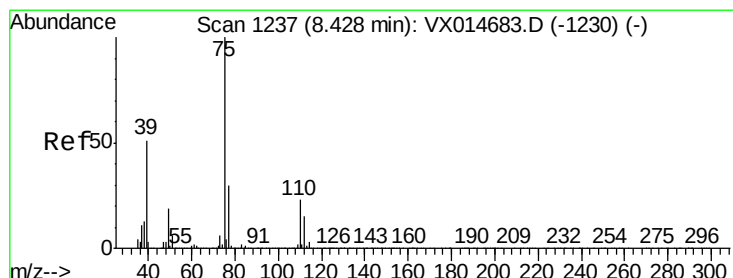
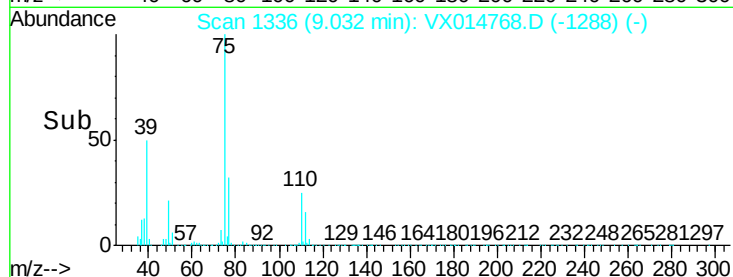
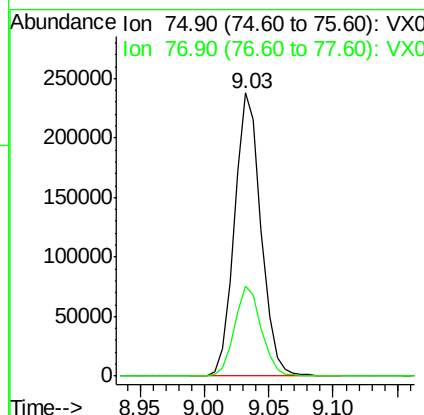
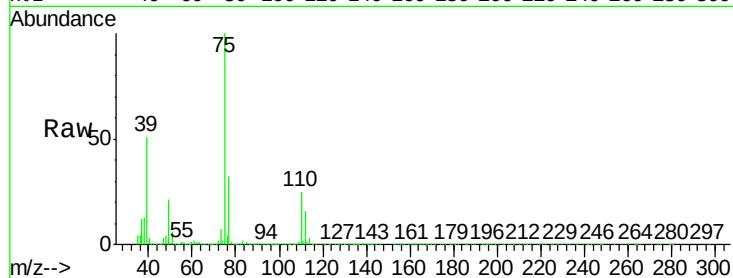
#53
t-1,3-Dichloropropene
Concen: 53.893 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3

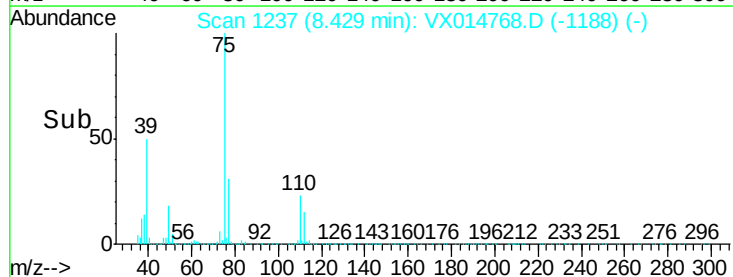
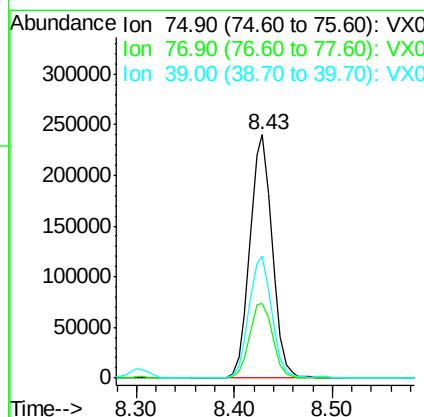
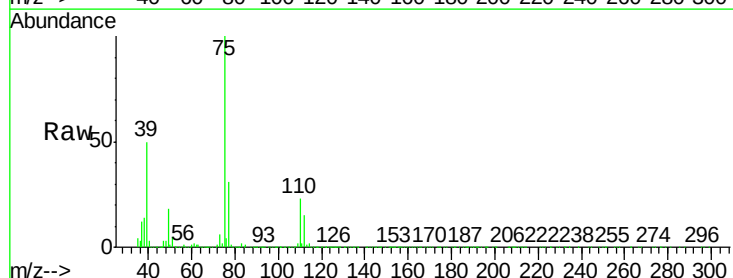
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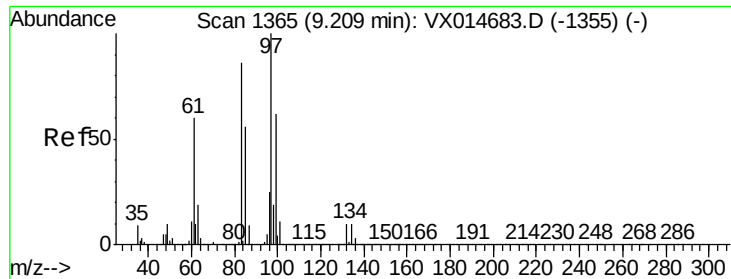
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.646 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	23.9	35.9
39	49.8	40.9	61.3





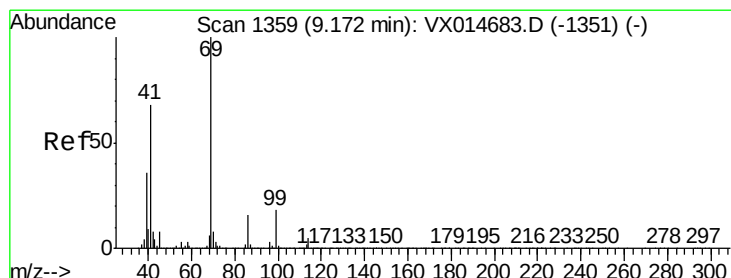
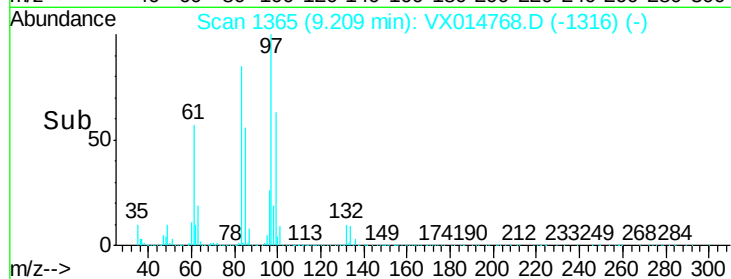
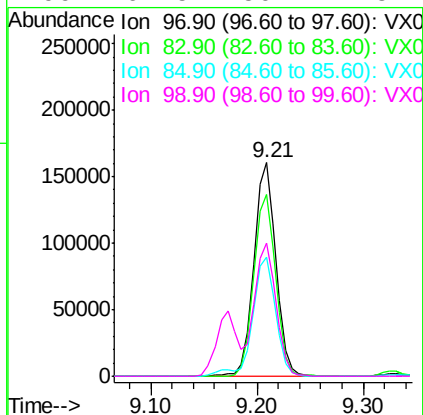
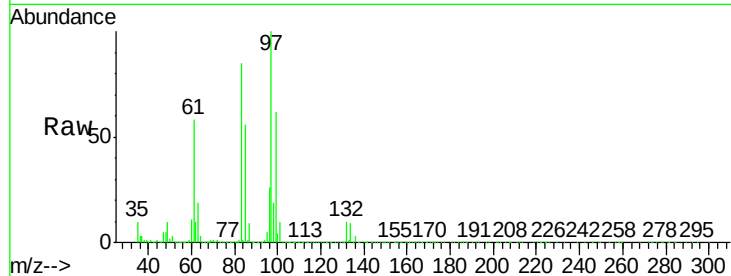
#55
 1,1,2-Trichloroethane
 Concen: 51.420 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	85.2	69.2	103.8	
85	55.6	44.6	67.0	
99	62.5	50.1	75.1	

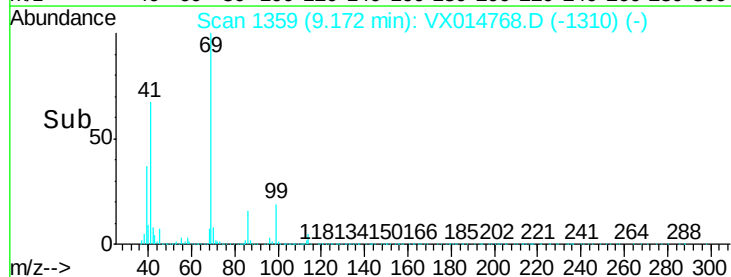
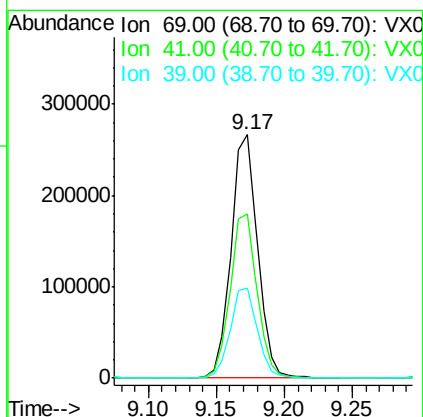
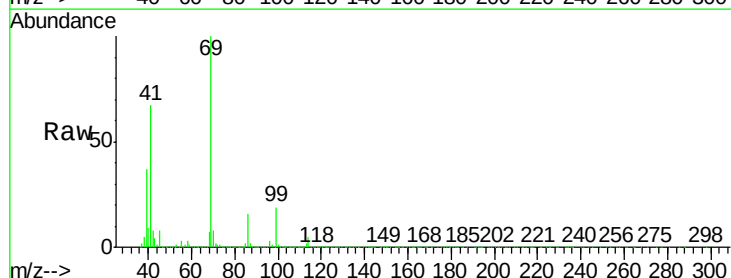
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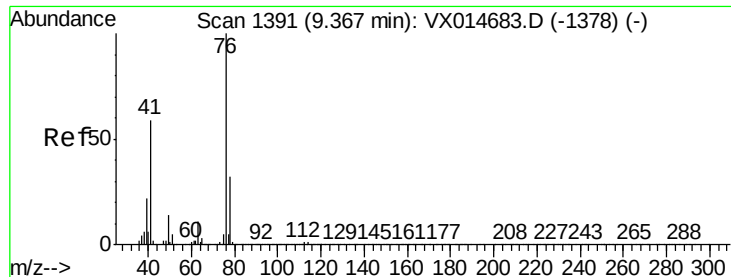
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 1/31/2020 10:52:05 AM



#56
 Ethyl methacrylate
 Concen: 47.502 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	68.4	54.9	82.3	
39	37.7	29.3	43.9	





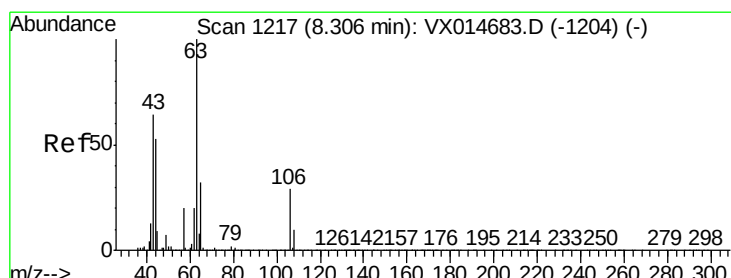
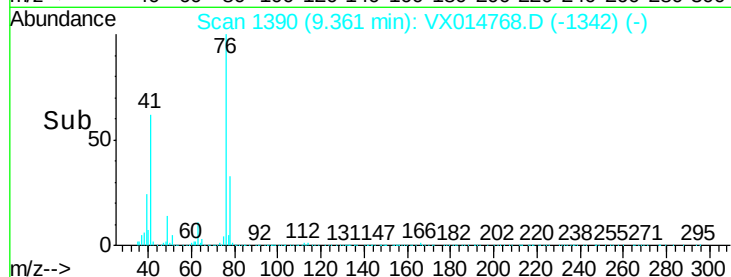
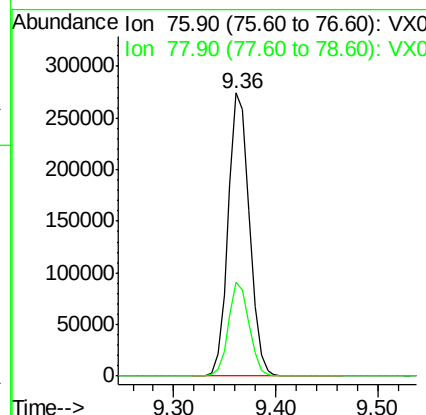
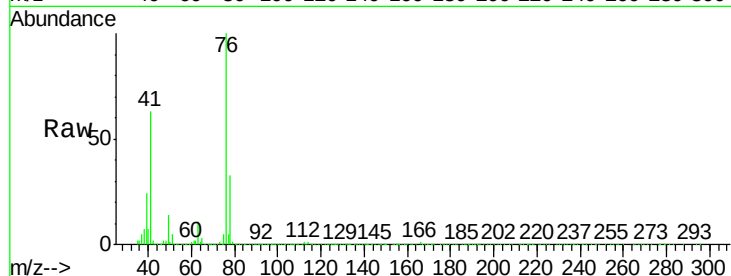
#57
 1,3-Dichloropropane
 Concen: 51.515 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

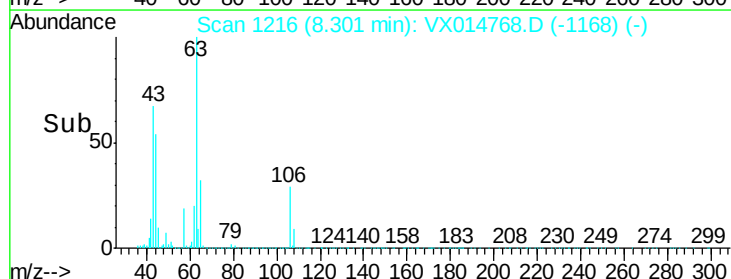
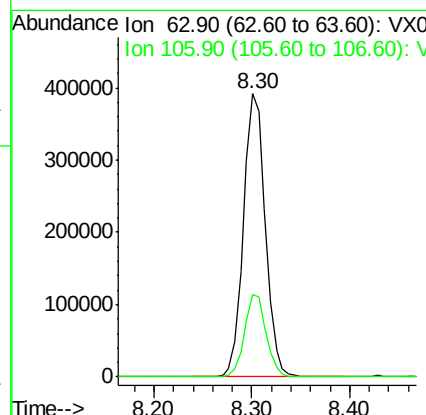
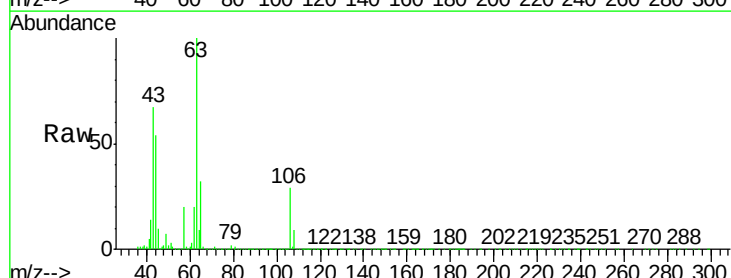
Manual Integrations
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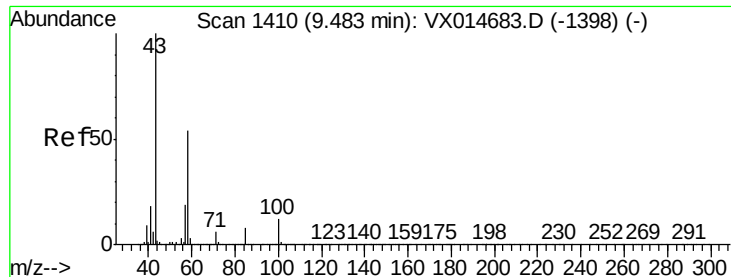
MMDadoda
 1/31/2020 10:52:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.327 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	22.7	34.1





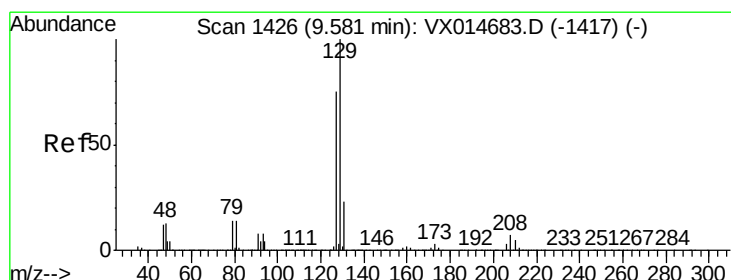
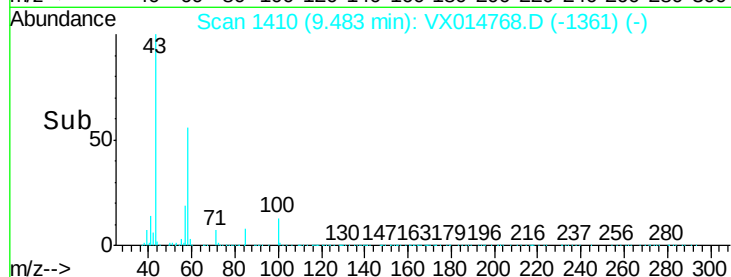
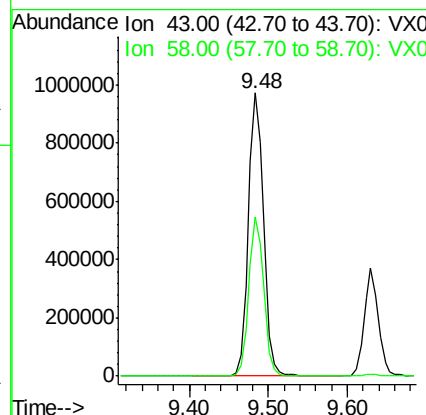
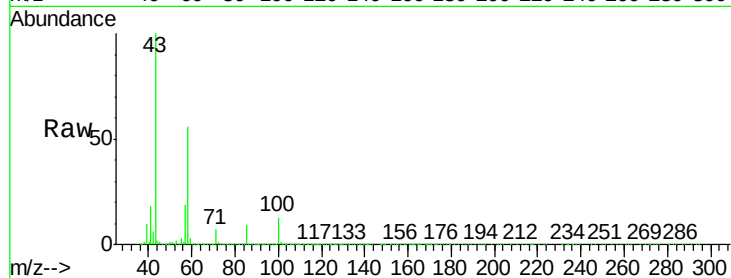
#59
2-Hexanone
Concen: 242.985 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1291800
Ion Ratio Lower Upper
43 100
58 55.4 27.2 81.5

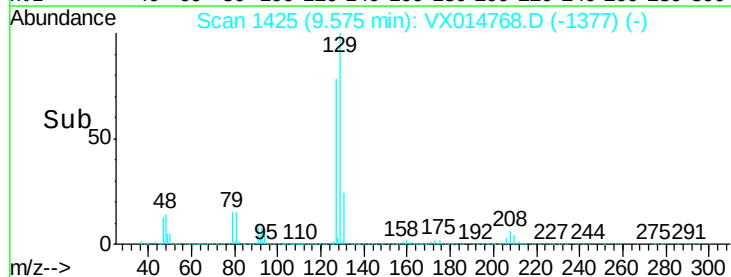
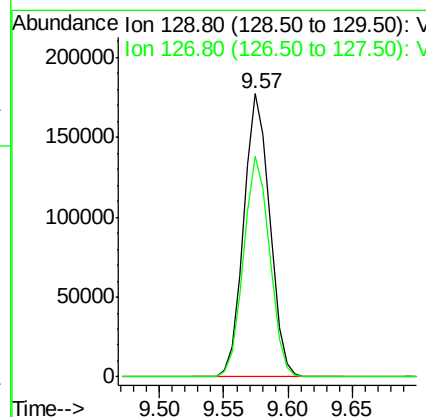
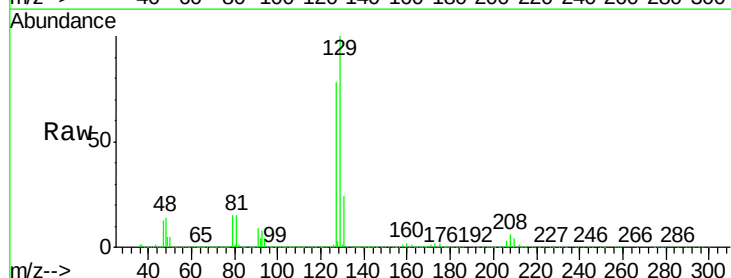
Manual Integrations
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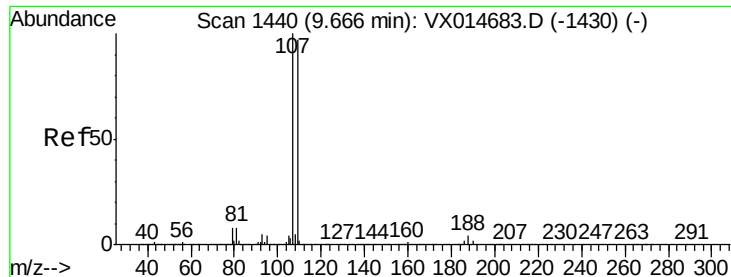
MMDadoda
1/31/2020 10:52:05 AM



#60
Dibromochloromethane
Concen: 52.717 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion: 129 Resp: 247649
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





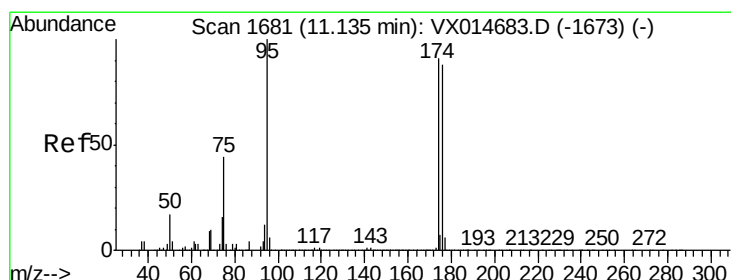
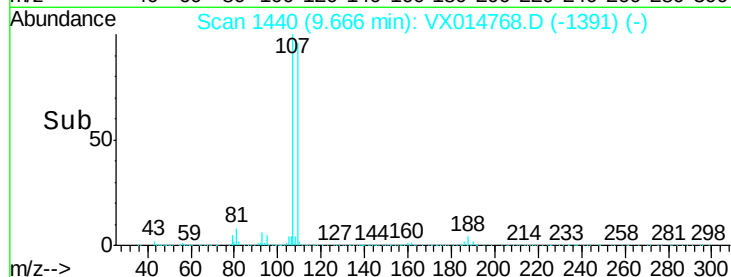
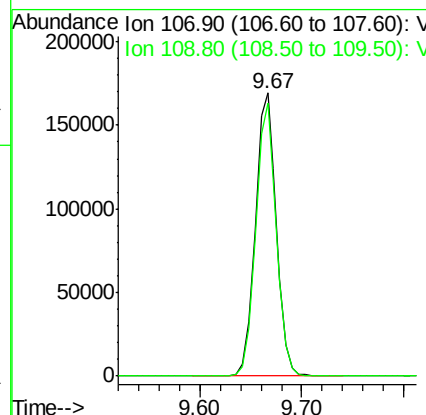
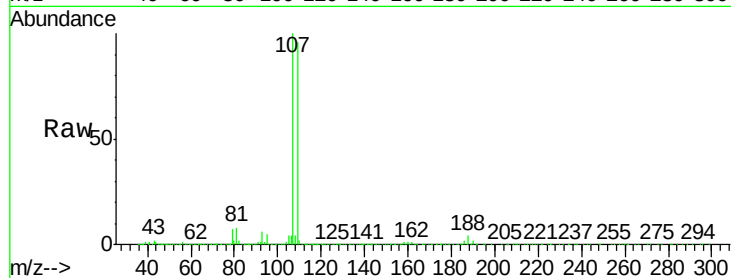
#61
 1,2-Dibromoethane
 Concen: 50.842 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.2	114.2

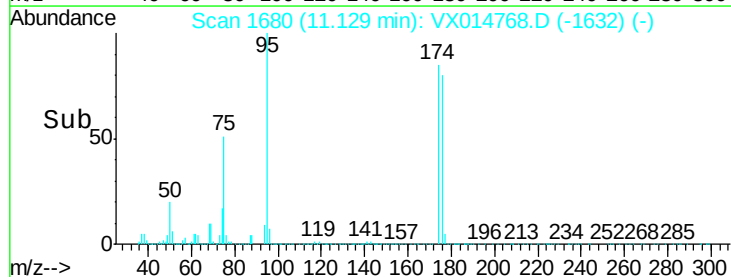
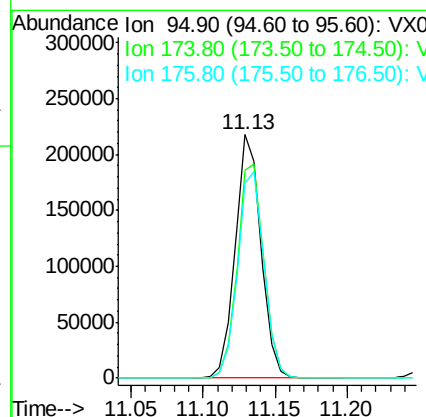
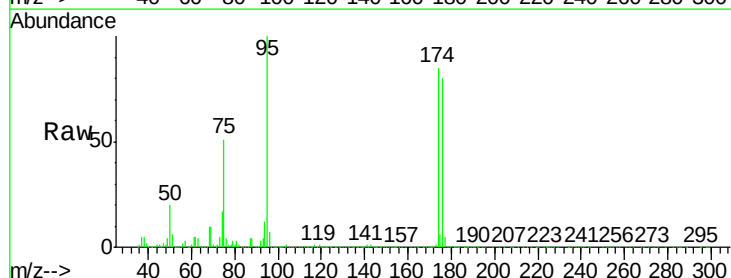
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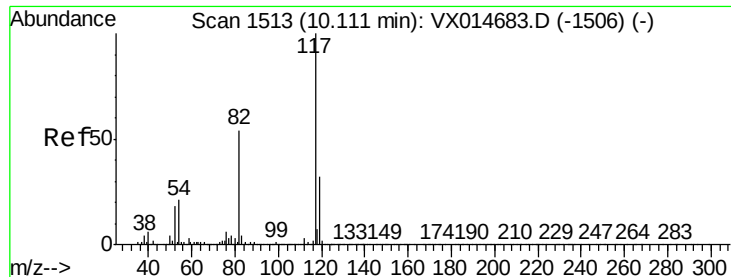
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 1/31/2020 10:52:05 AM



#62
 4-Bromofluorobenzene
 Concen: 50.731 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	176.0
176	86.7	0.0	172.2





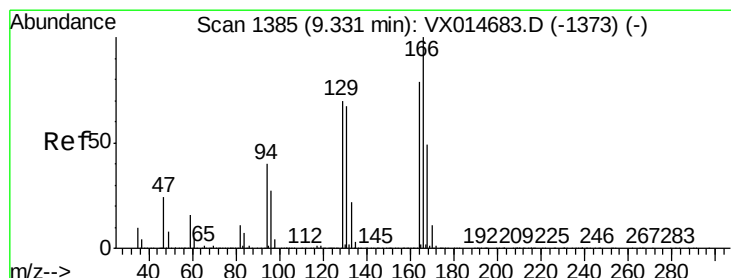
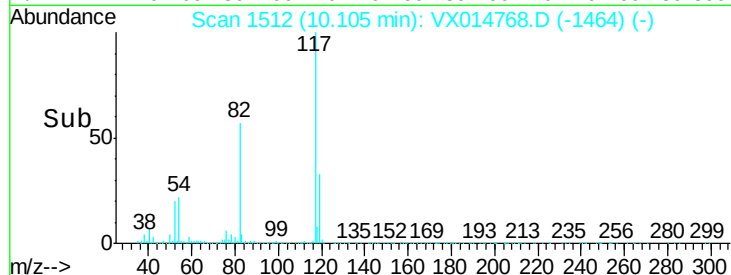
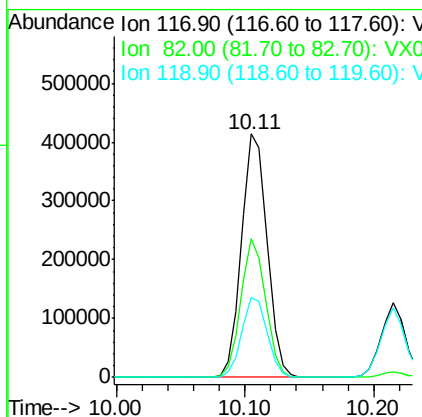
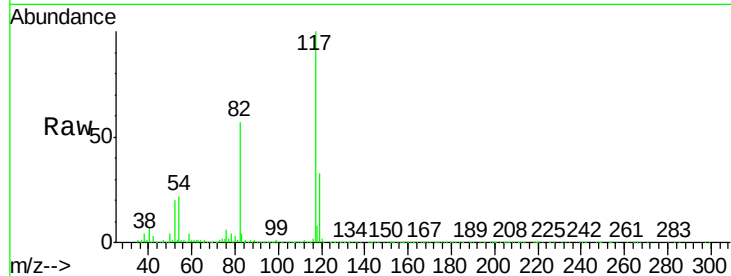
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	567528		
82	57.0	43.2	64.8	
119	32.7	25.8	38.6	

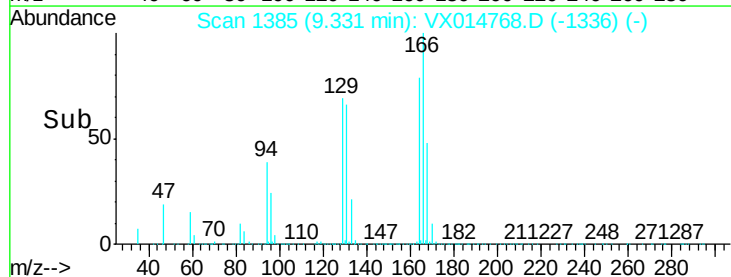
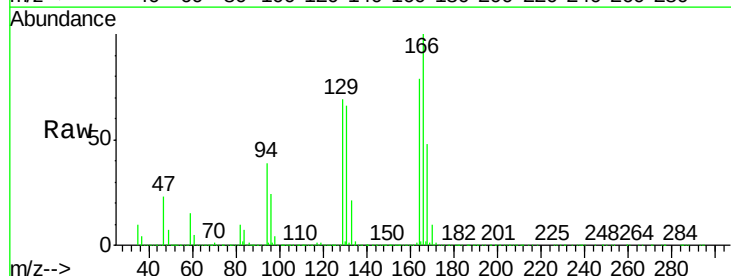
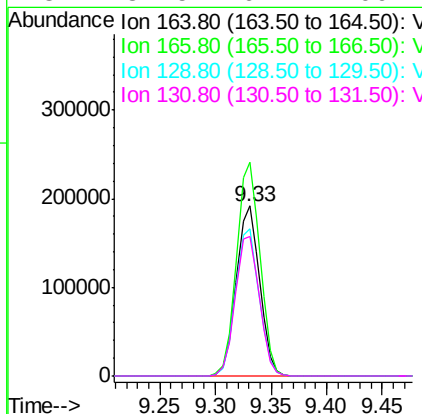
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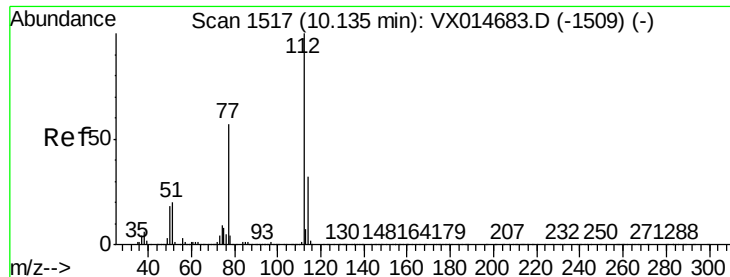
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#64
Tetrachloroethene
Concen: 49.559 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	278412		
166	125.8	100.9	151.3	
129	86.7	71.0	106.6	
131	82.5	67.1	100.7	





#65

Chlorobenzene

Concen: 50.637 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 614692

Ion Ratio Lower Upper

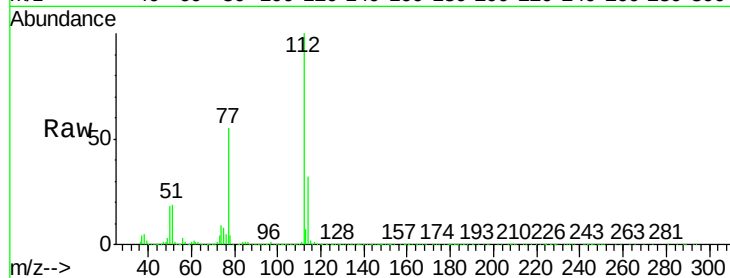
112 100

114 32.3 25.8 38.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

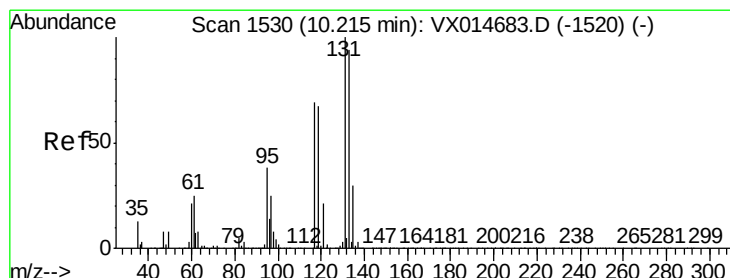
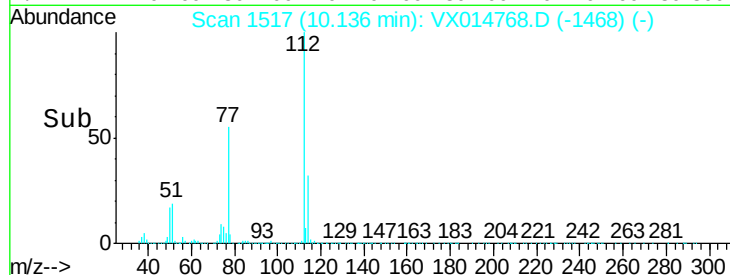
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 51.887 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

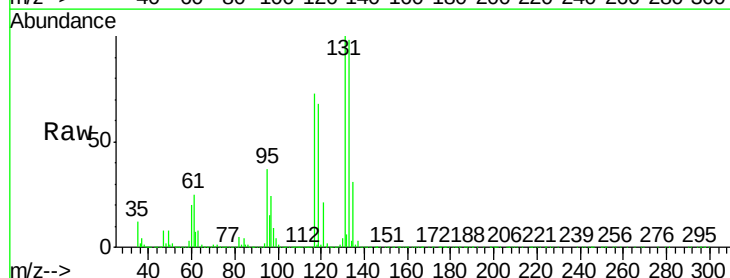
Tgt Ion:131 Resp: 232232

Ion Ratio Lower Upper

131 100

133 96.2 47.4 142.3

119 66.0 33.3 99.8



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

10.21

200000

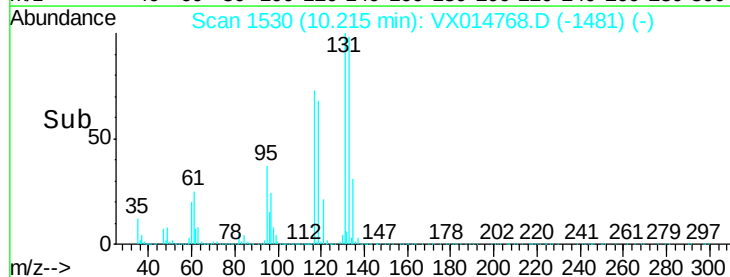
150000

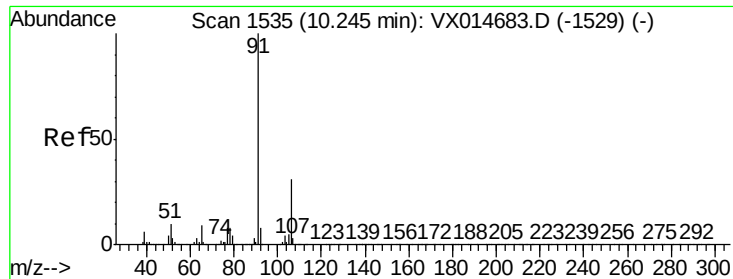
100000

50000

0

Time--> 10.15 10.20 10.25 10.30





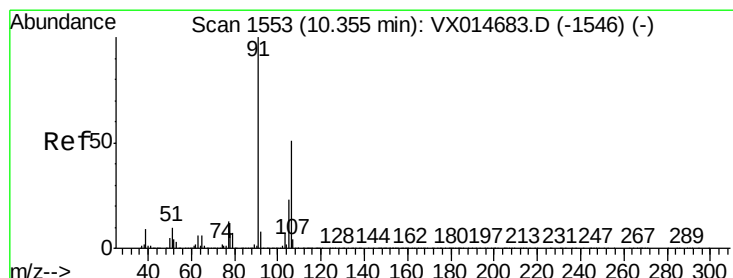
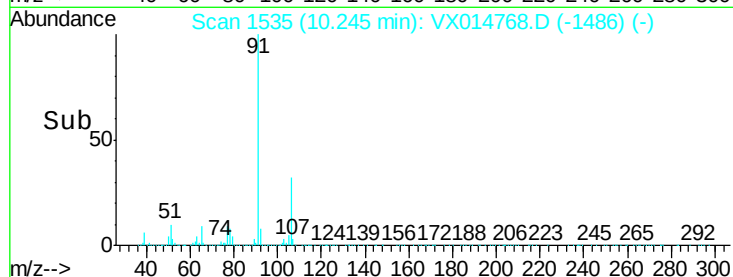
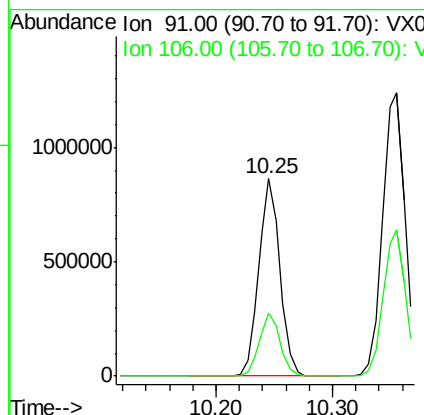
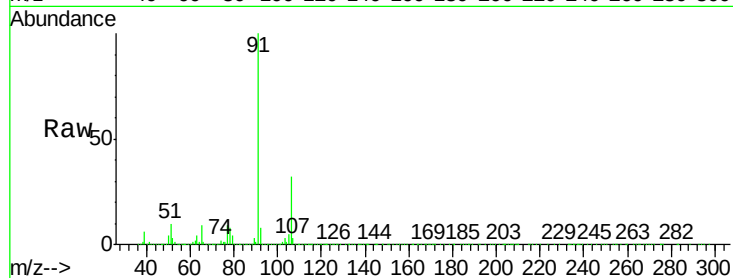
#67
Ethyl Benzene
Concen: 52.444 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1087034
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

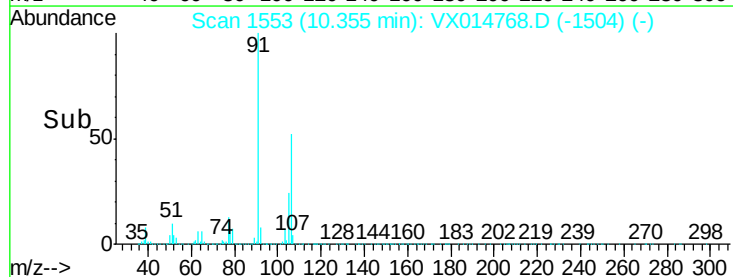
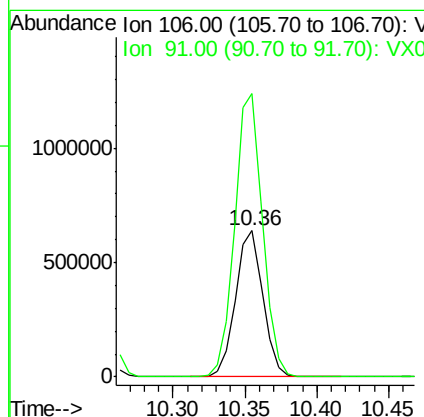
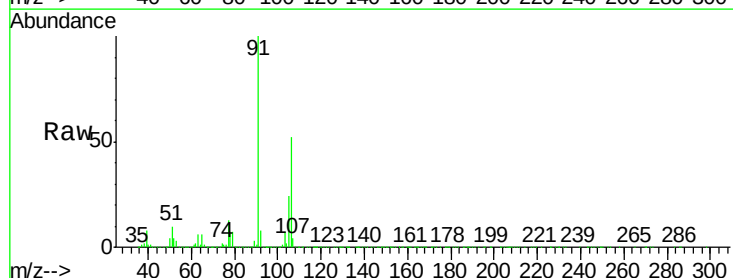
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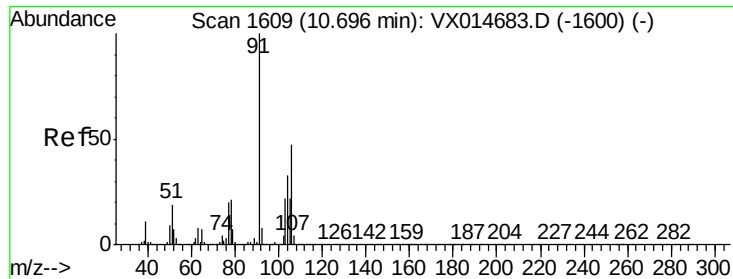
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#68
m/p-Xylenes
Concen: 108.169 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion: 106 Resp: 849395
Ion Ratio Lower Upper
106 100
91 197.0 159.4 239.2





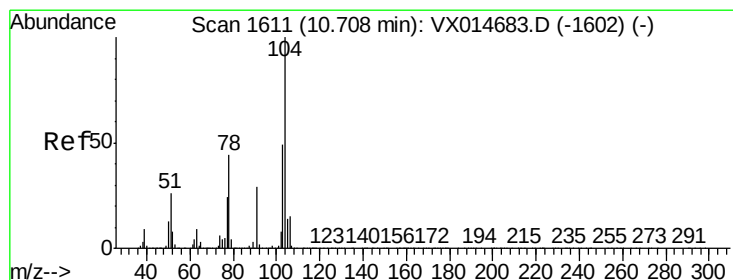
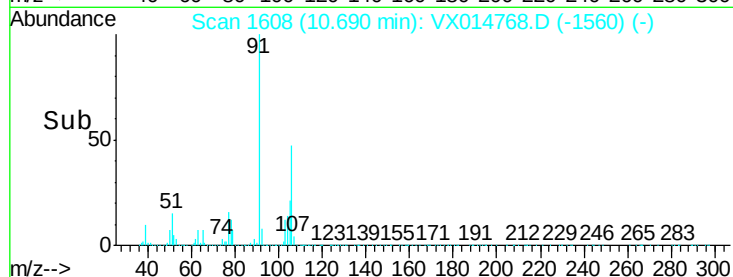
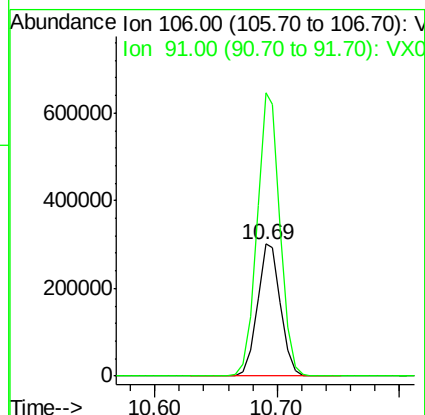
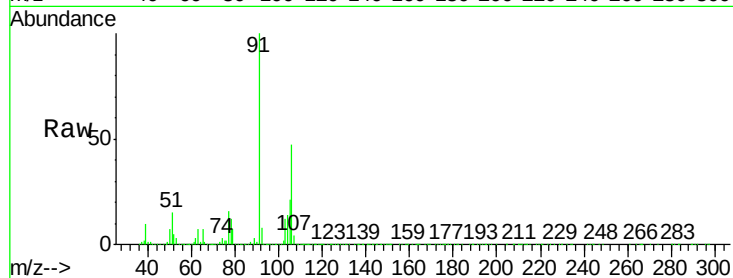
#69
o-Xylene
Concen: 52.451 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.8	106.2	318.6

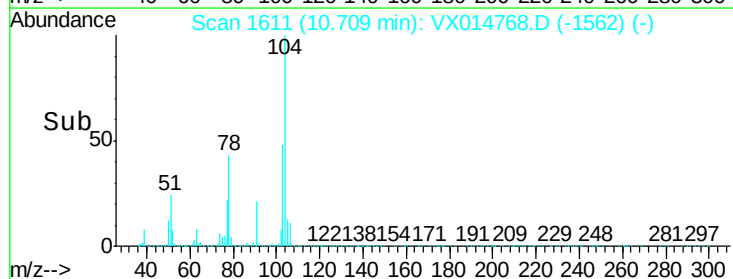
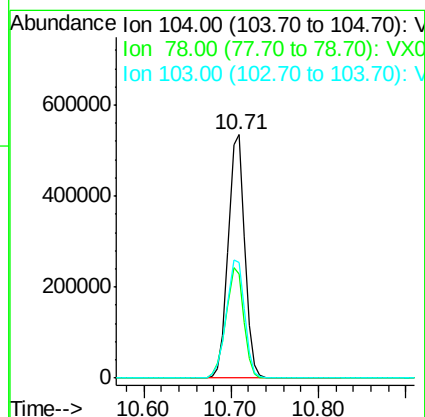
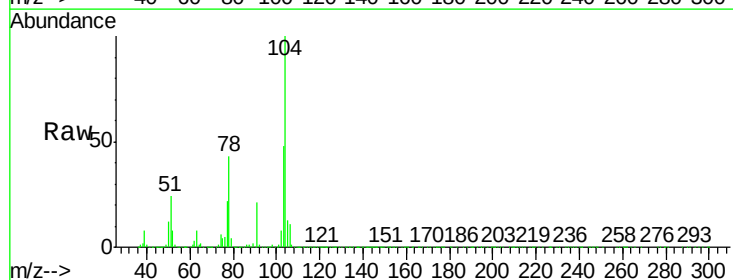
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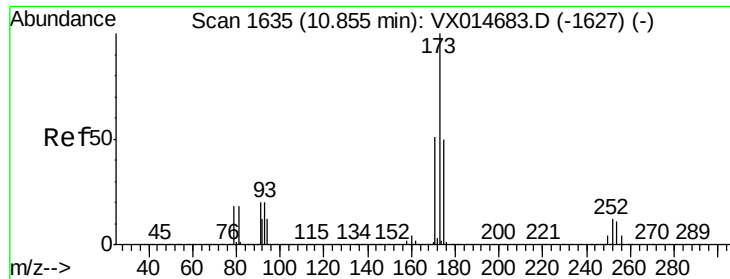
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#70
Styrene
Concen: 55.139 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.3	58.9
103	53.7	43.5	65.3





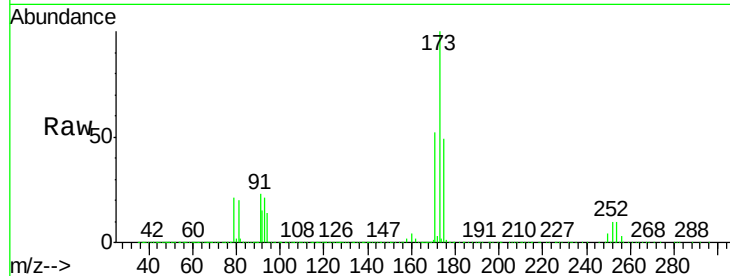
#71
Bromoform
Concen: 53.463 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

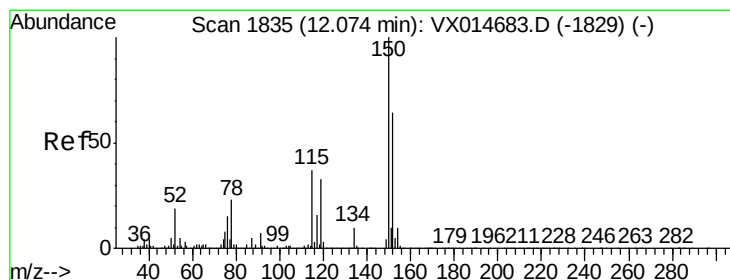
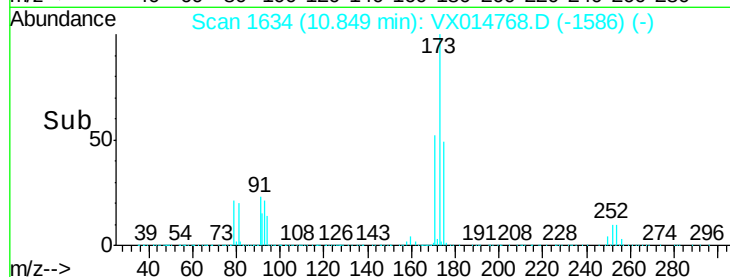
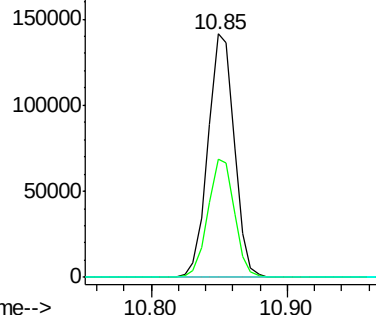
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	73.6
254	0.3	0.1	0.1#

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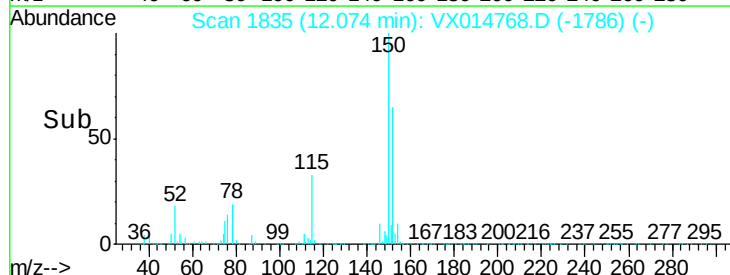
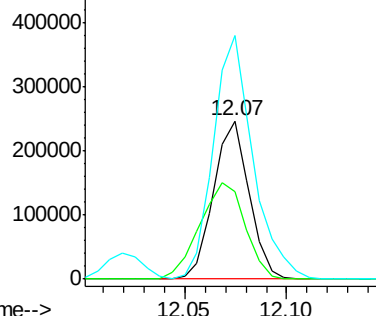
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

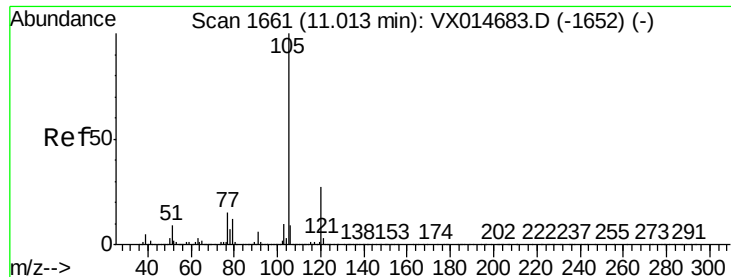


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.9	39.4	118.1
150	172.0	0.0	351.2

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





#73

Isopropylbenzene

Concen: 51.337 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1079504

Ion Ratio Lower Upper

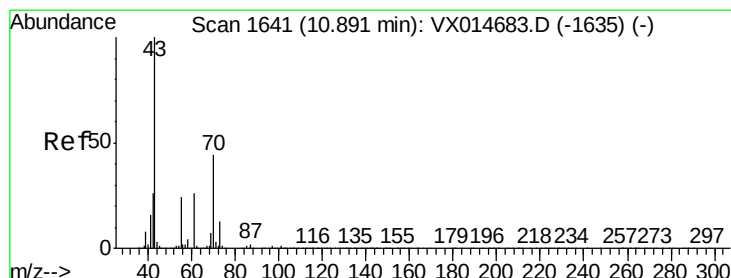
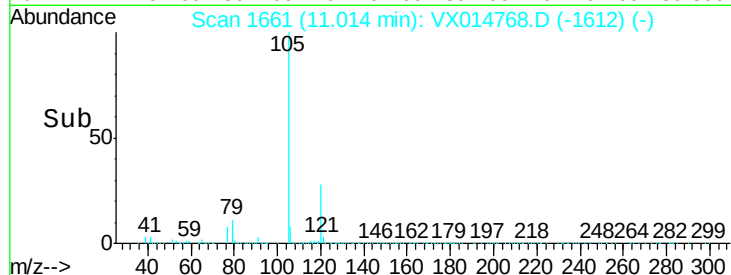
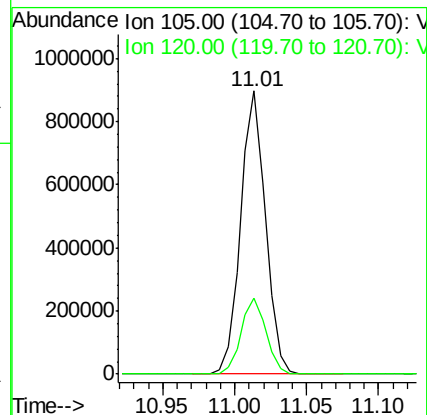
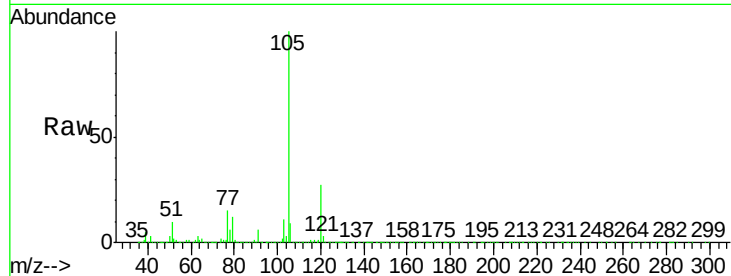
105 100

120 27.1 13.5 40.5

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#74

N-ethyl acetate

Concen: 49.443 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion: 43 Resp: 455606

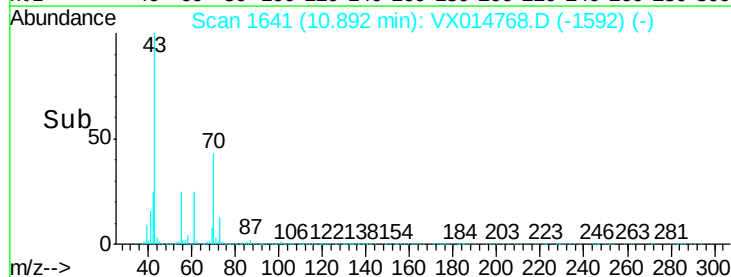
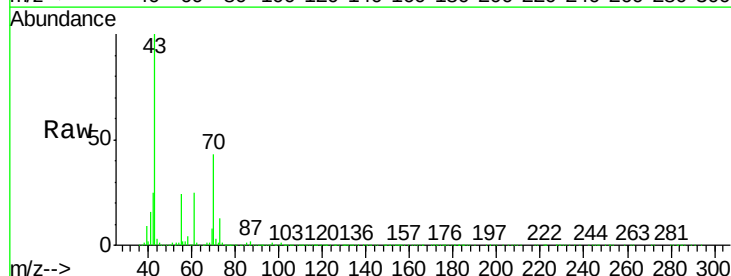
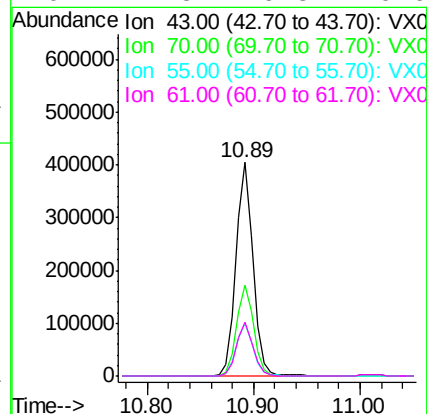
Ion Ratio Lower Upper

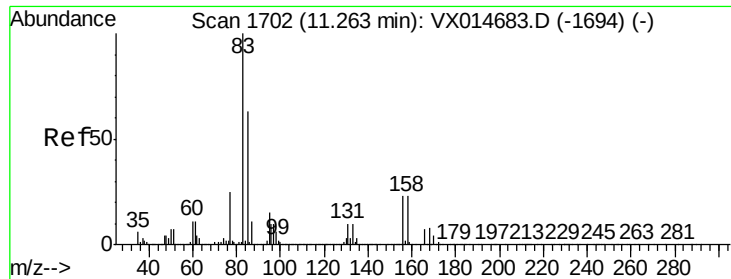
43 100

70 43.0 34.6 52.0

55 24.7 19.4 29.2

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.607 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

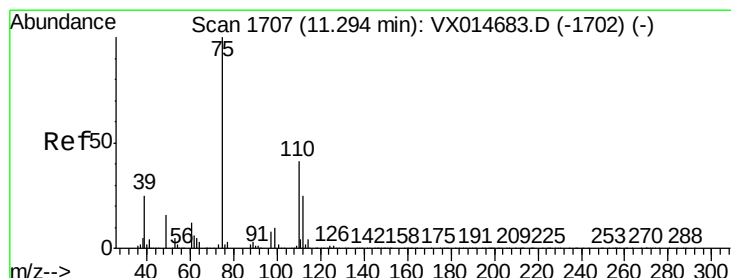
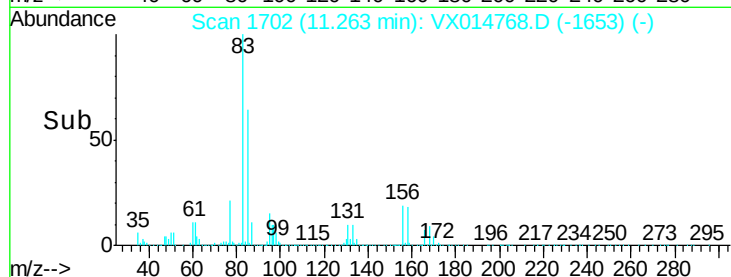
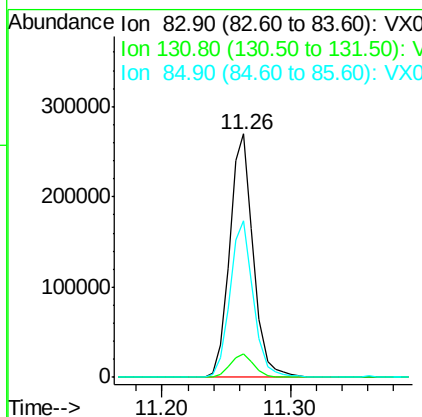
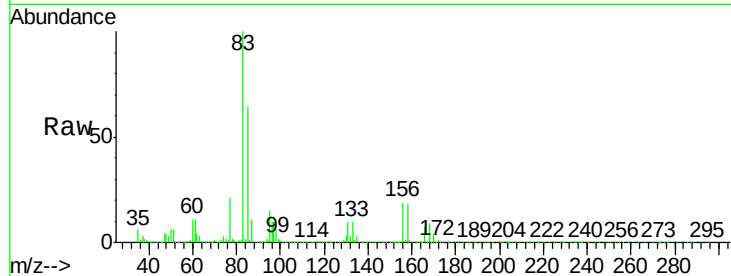
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	342415
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.2	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 41.627 ug/l m

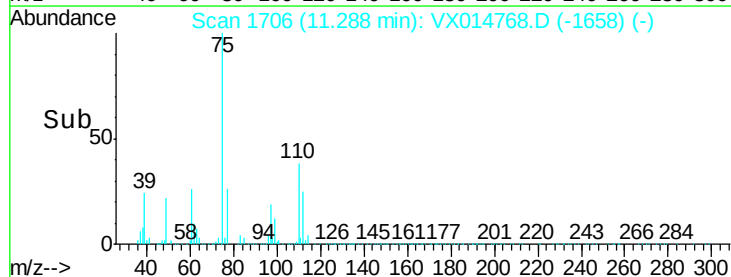
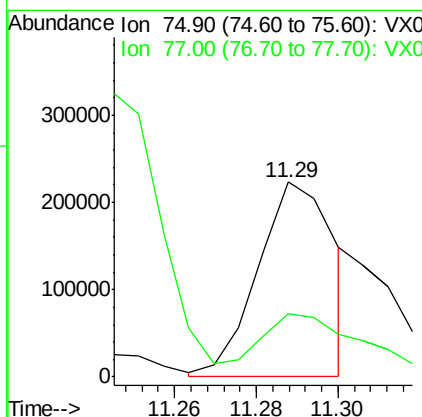
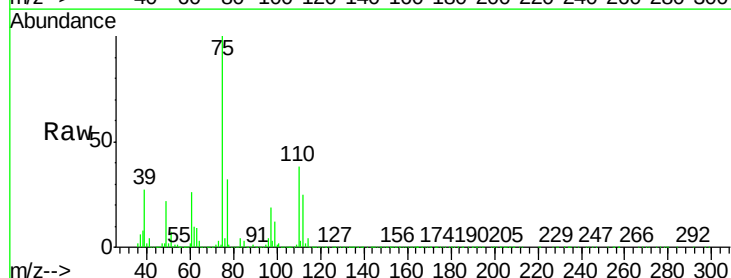
RT: 11.29 min Scan# 1706

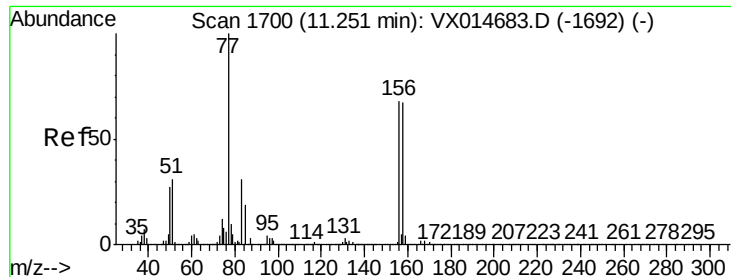
Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	75	Resp:	289631
Ion Ratio	Lower	Upper	
75	100		
77	44.3	18.7	56.1





#77

Bromobenzene

Concen: 49.900 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

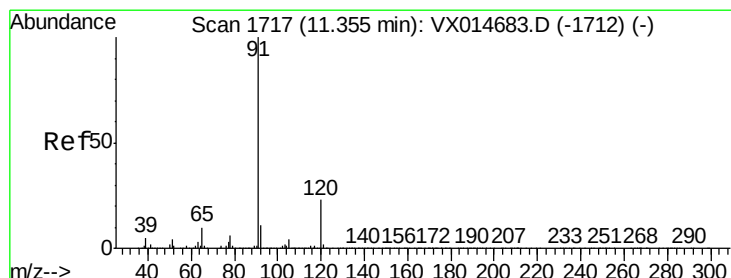
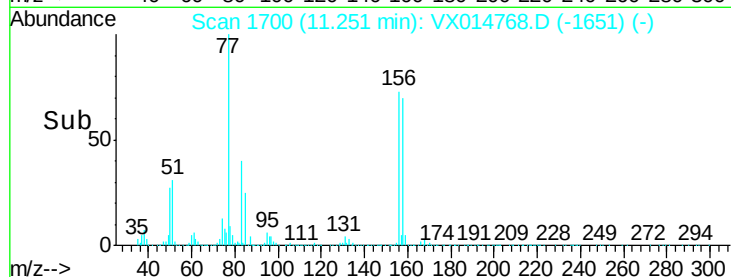
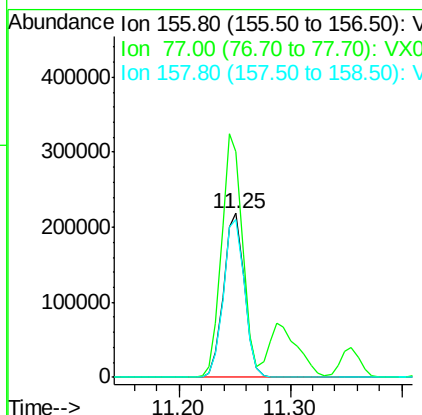
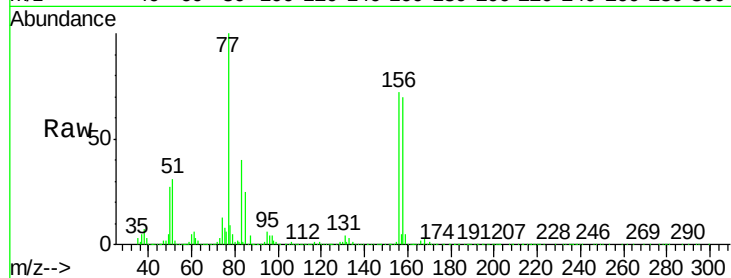
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	281889
Ion Ratio	Lower	Upper	
156	100		
77	149.2	77.5	232.5
158	97.6	49.1	147.3

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#78

n-propylbenzene

Concen: 52.106 ug/l

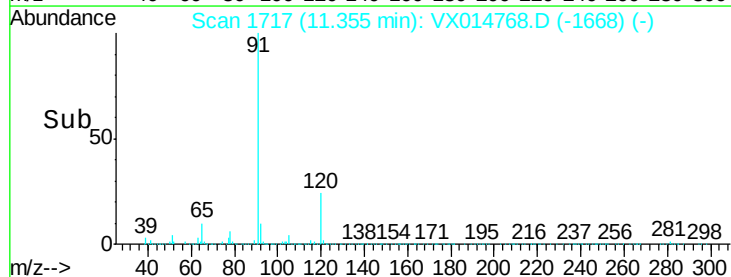
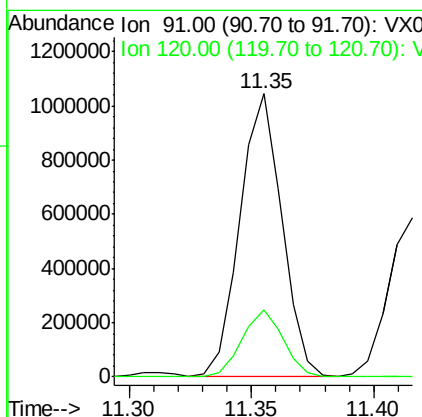
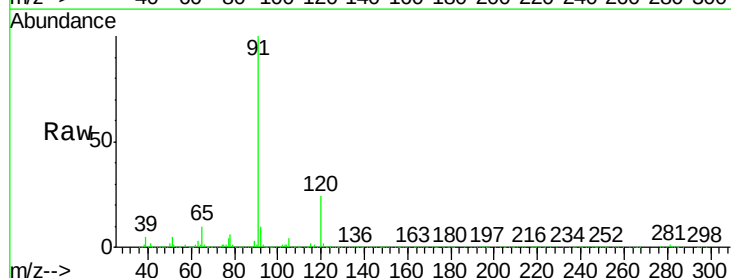
RT: 11.35 min Scan# 1717

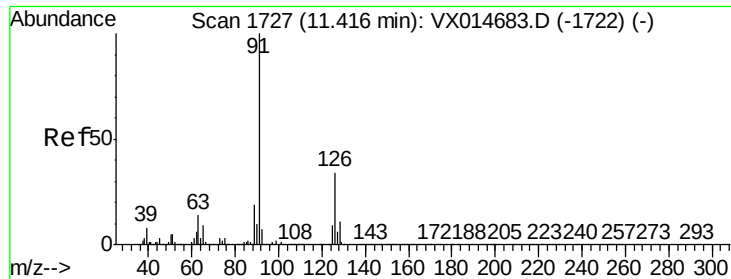
Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	91	Resp:	1243708
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





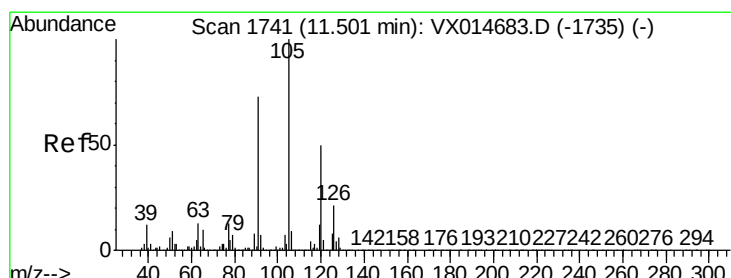
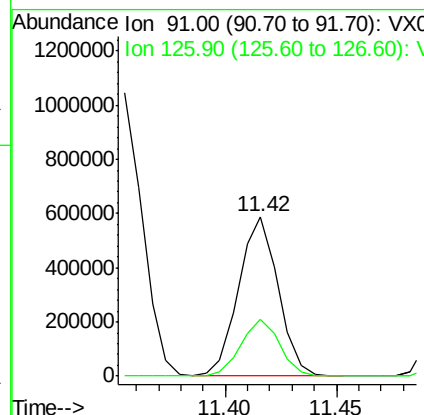
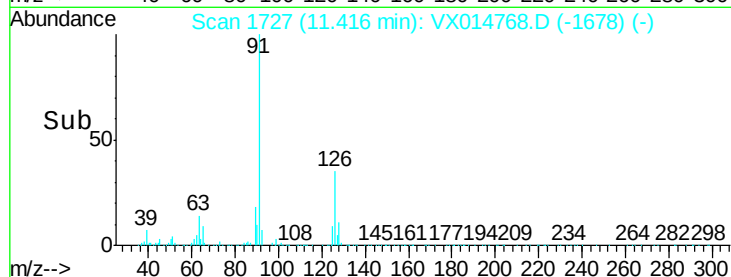
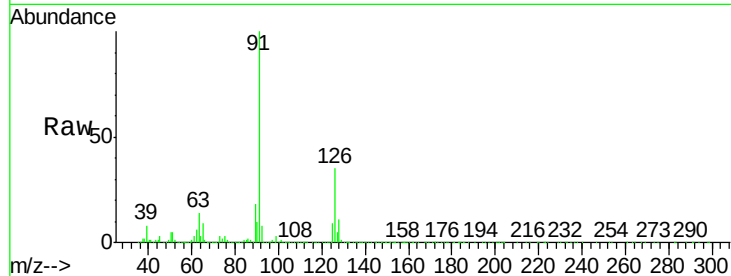
#79
2-Chlorotoluene
Concen: 50.172 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.9

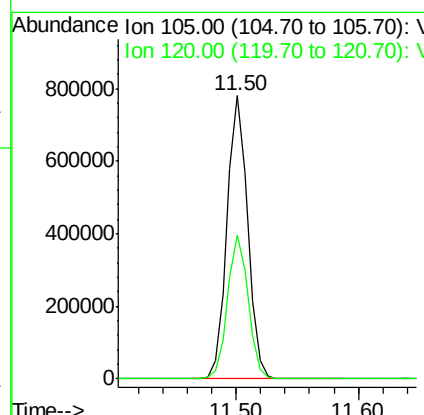
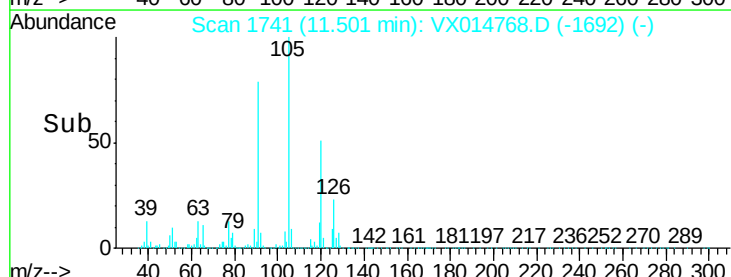
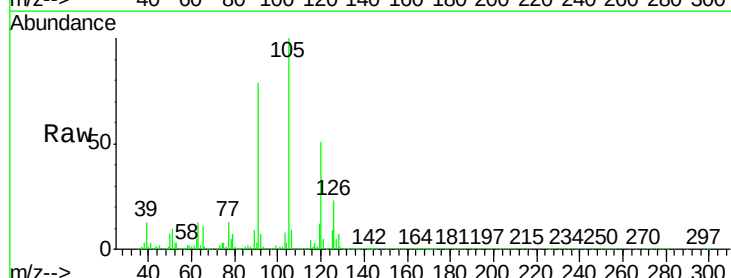
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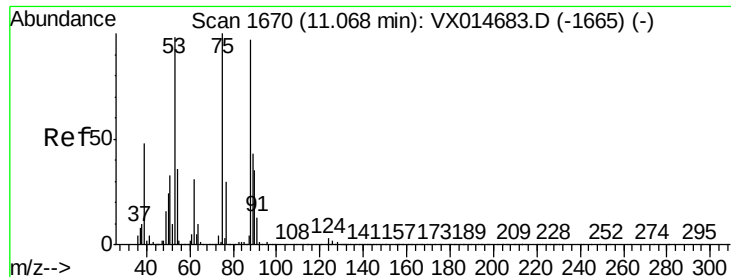
MMDadoda
1/31/2020 10:52:05 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.320 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.341 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

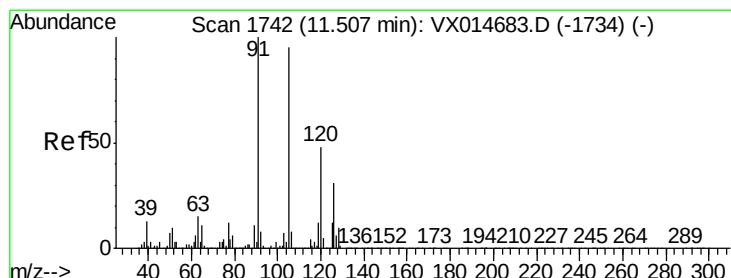
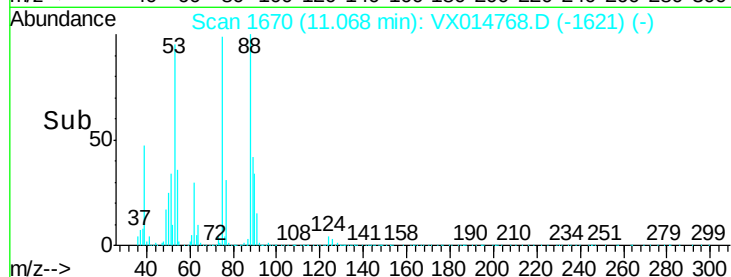
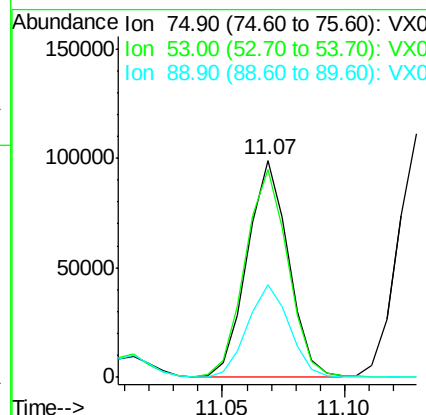
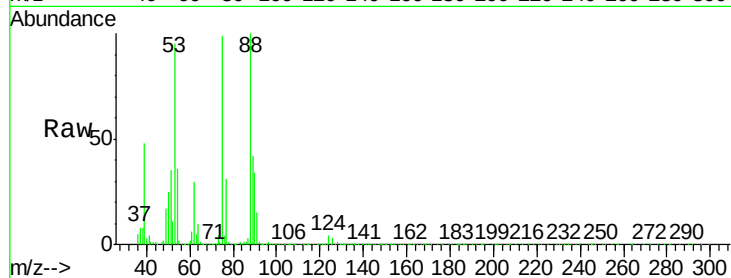
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	115745
Ion Ratio	Lower	Upper	
75	100		
53	98.9	78.8	118.2
89	43.8	35.4	53.0

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#82

4-Chlorotoluene

Concen: 51.647 ug/l

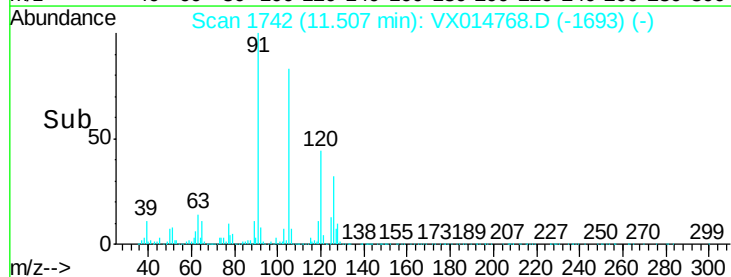
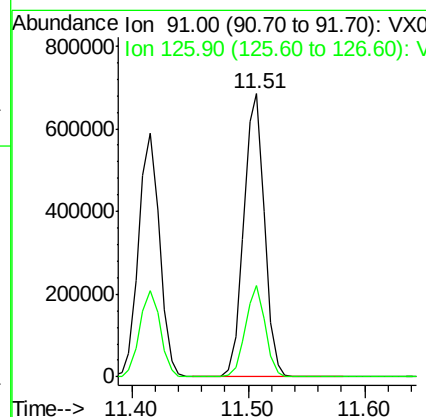
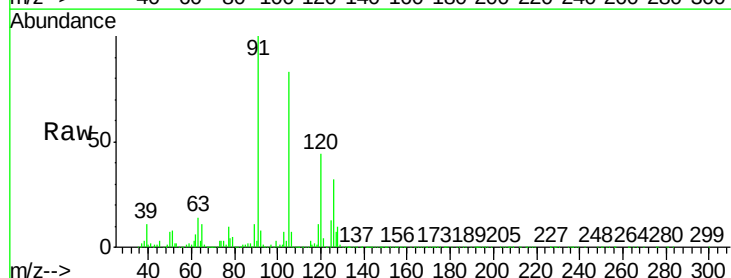
RT: 11.51 min Scan# 1742

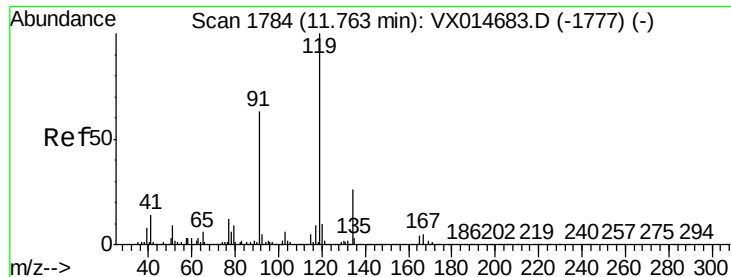
Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion:	91	Resp:	849158
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.4	46.4





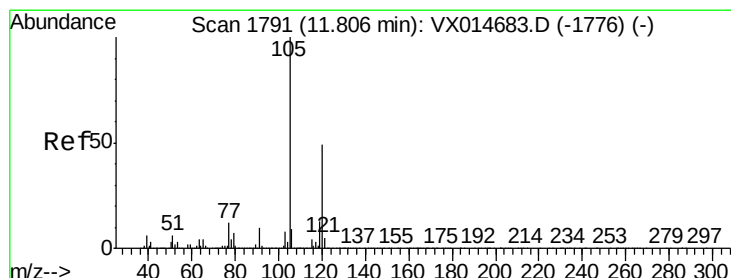
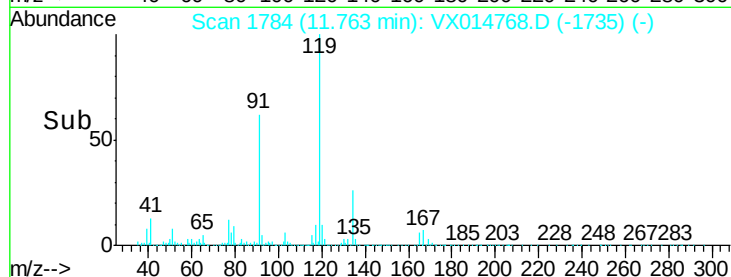
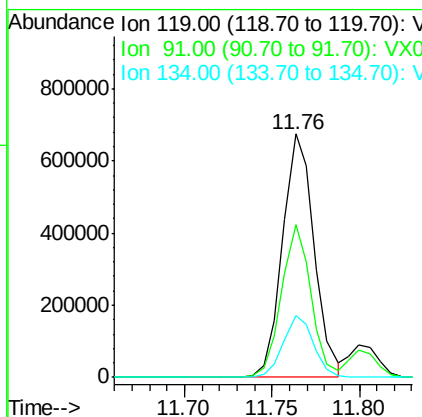
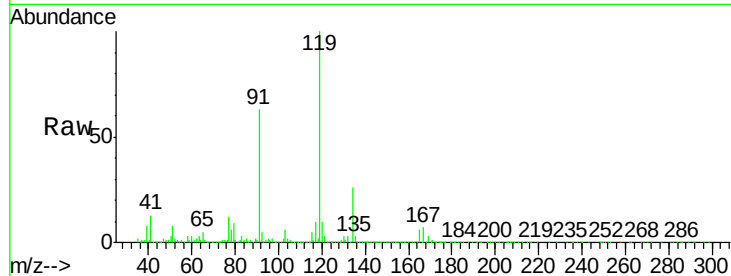
#83
 tert-Butylbenzene
 Concen: 51.941 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	851812		
91	58.4	30.0	90.0	
134	24.5	12.7	38.0	

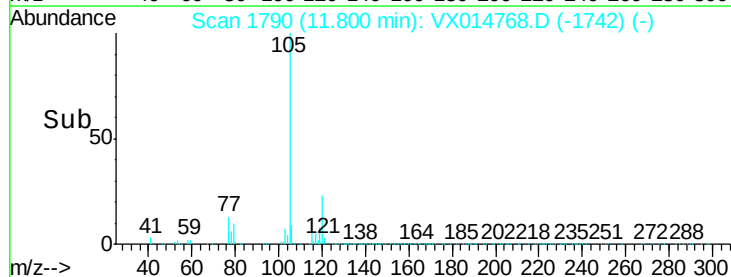
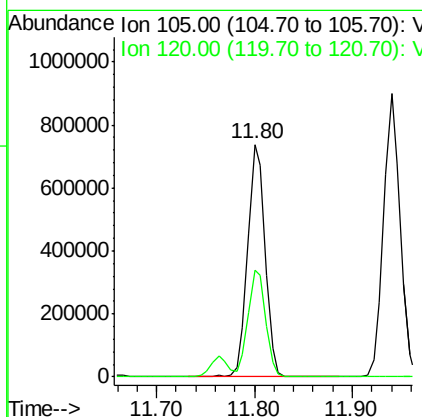
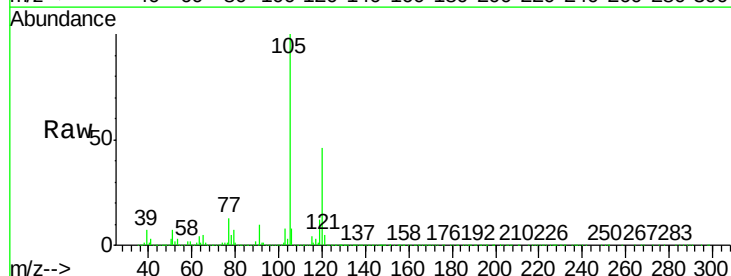
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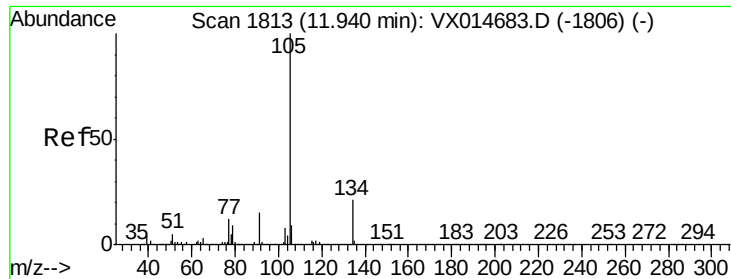
MMDadoda
 1/31/2020 10:52:05 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.357 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	916531		
120	45.8	23.4	70.0	





#85

sec-Butylbenzene

Concen: 52.768 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1060136

Ion Ratio Lower Upper

105 100

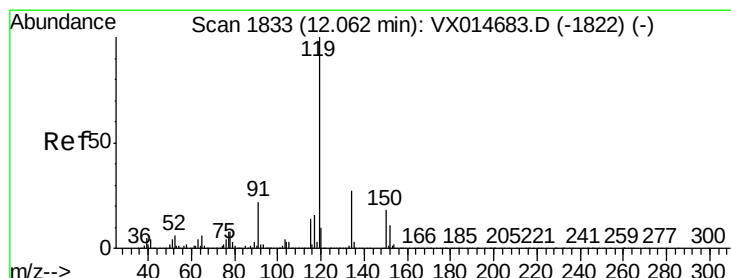
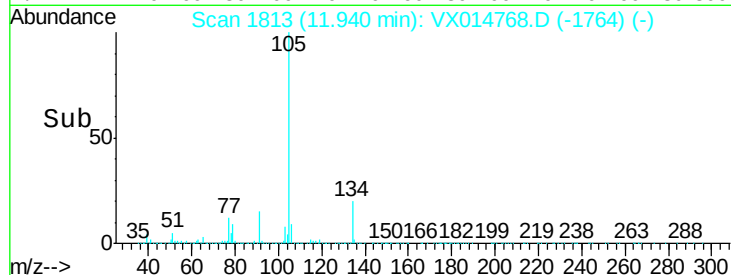
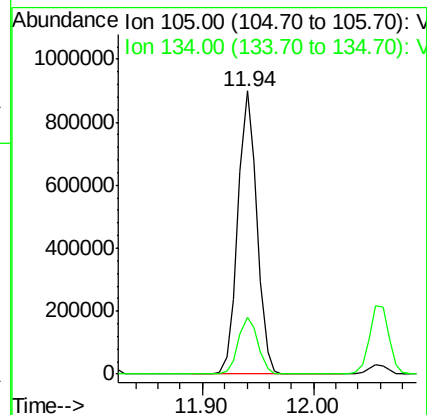
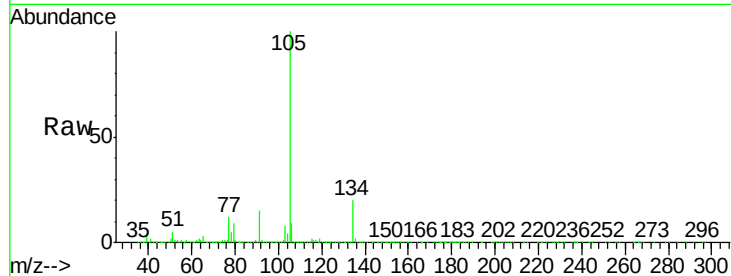
134 20.8 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 53.375 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

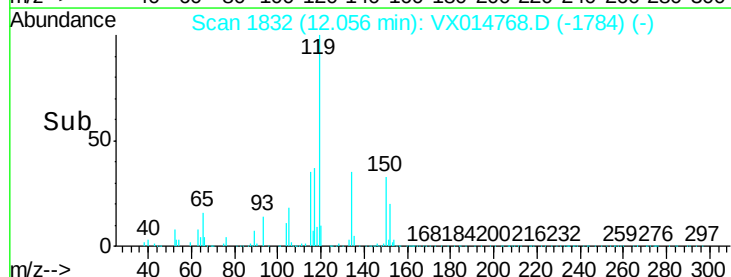
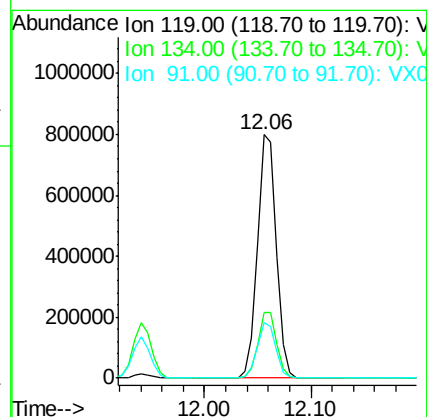
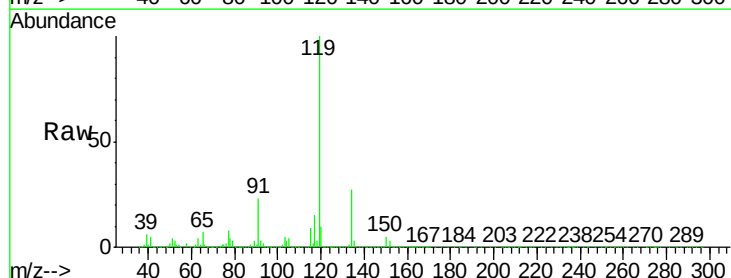
Tgt Ion:119 Resp: 991006

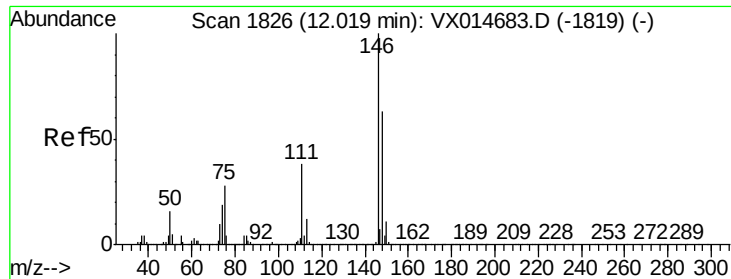
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.457 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

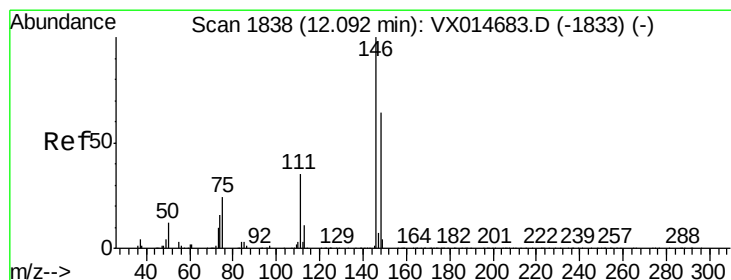
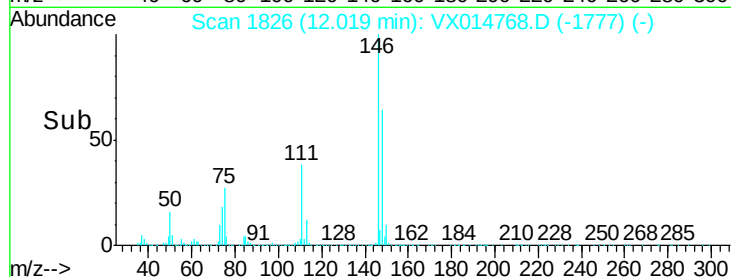
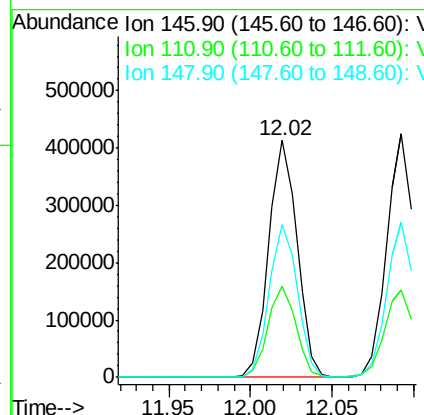
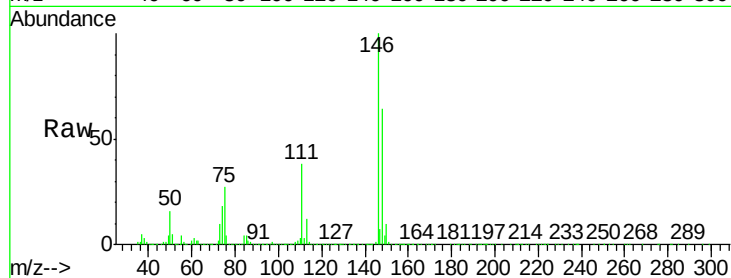
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	64.0	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.632 ug/l

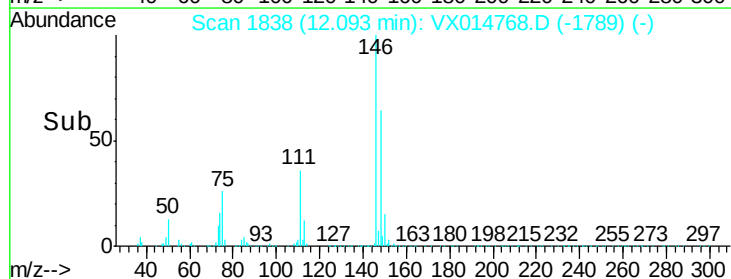
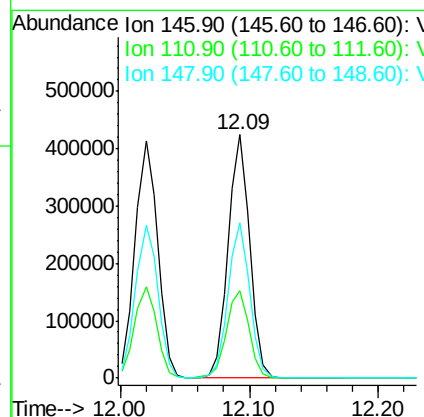
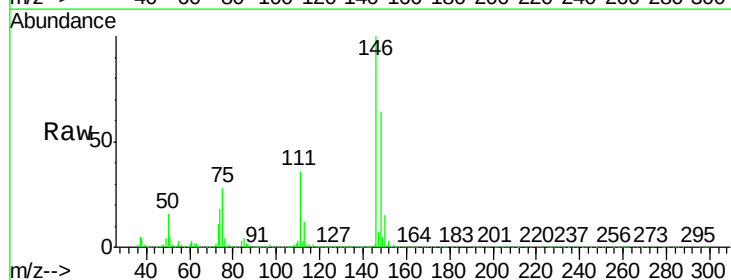
RT: 12.09 min Scan# 1838

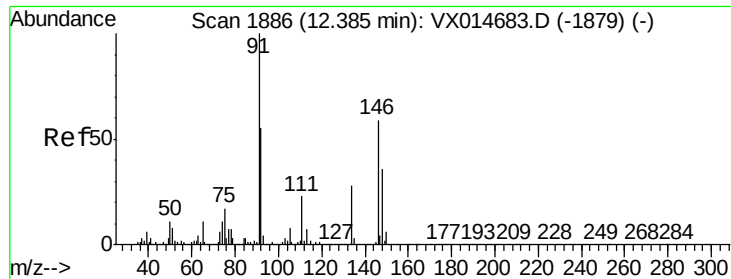
Delta R.T. 0.00 min

Lab File: VX014768.D

Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.8	32.0	96.2





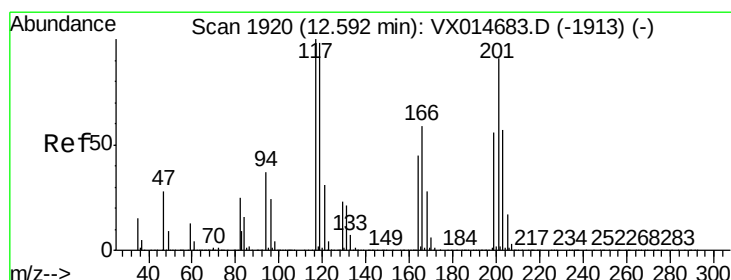
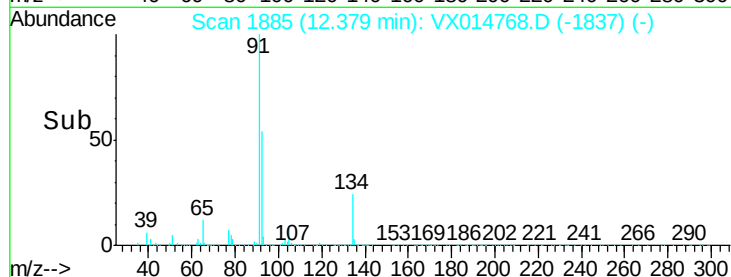
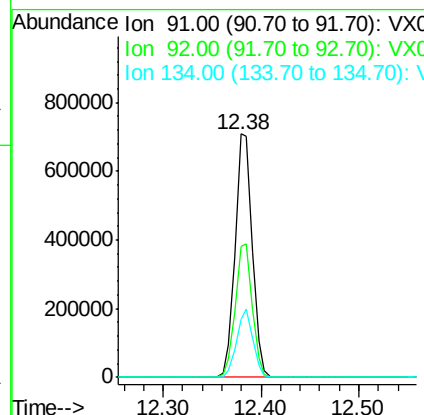
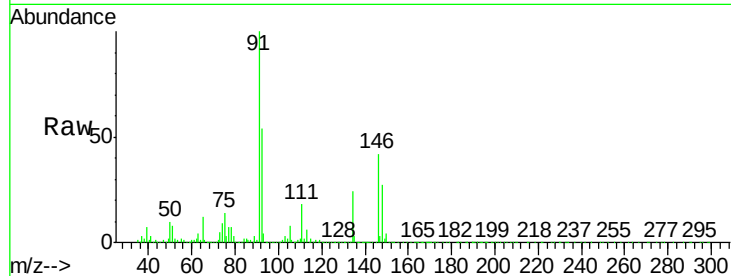
#89
n-Butylbenzene
Concen: 53.483 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	26.3	13.3	39.8

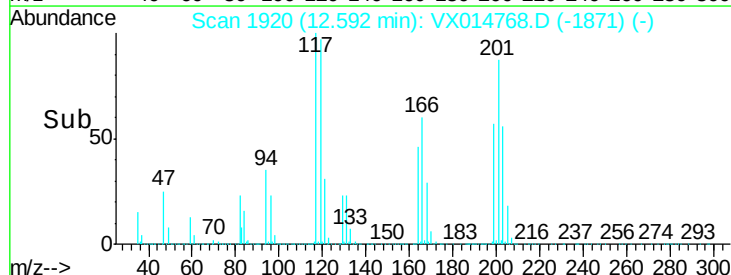
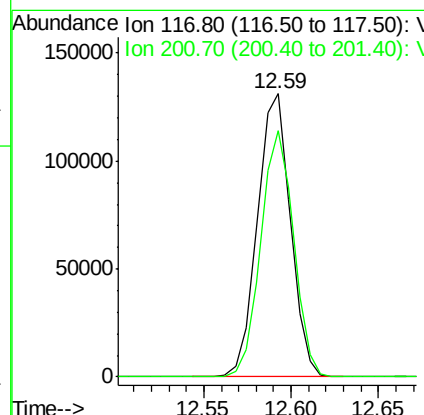
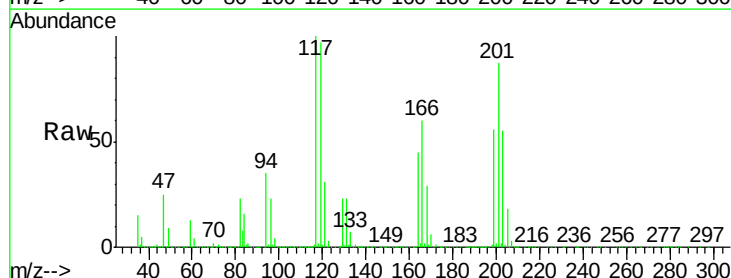
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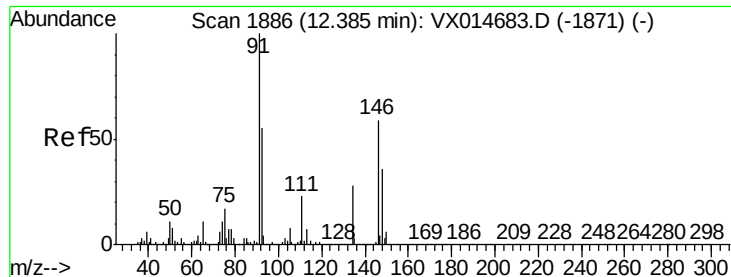
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#90
Hexachloroethane
Concen: 49.828 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	44.4	133.1





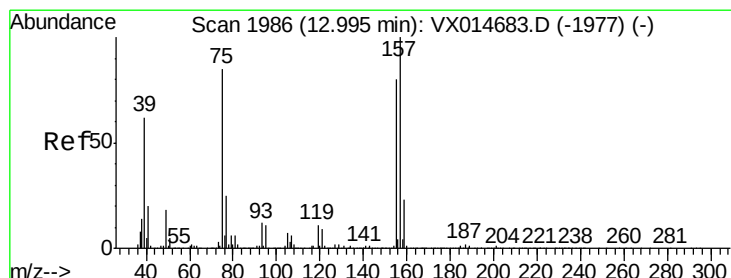
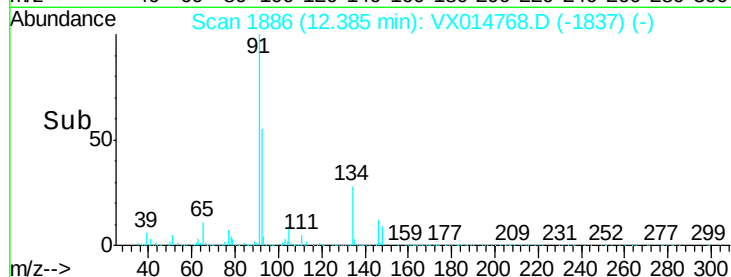
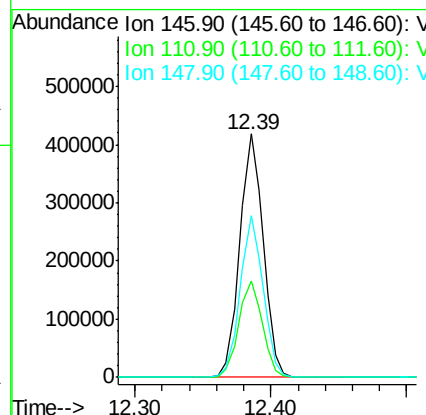
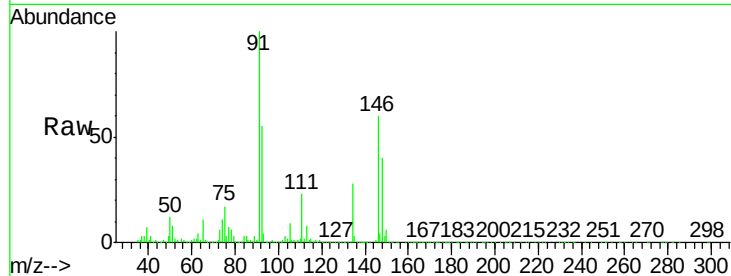
#91
 1,2-Dichlorobenzene
 Concen: 49.792 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	64.7	31.9	95.9

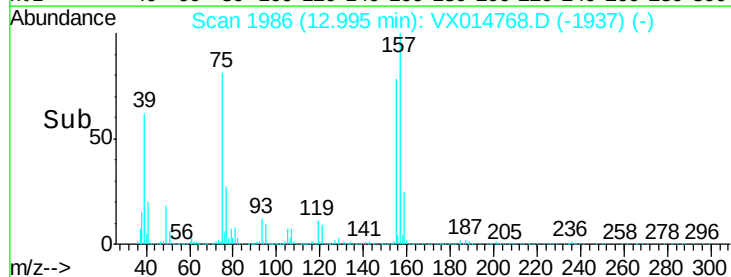
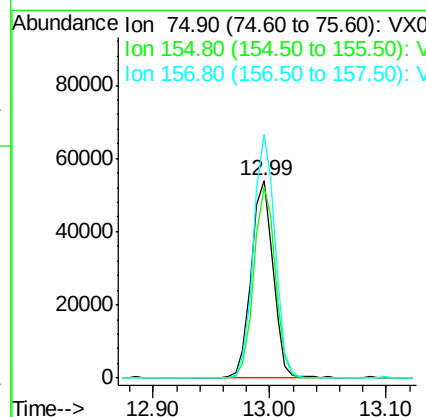
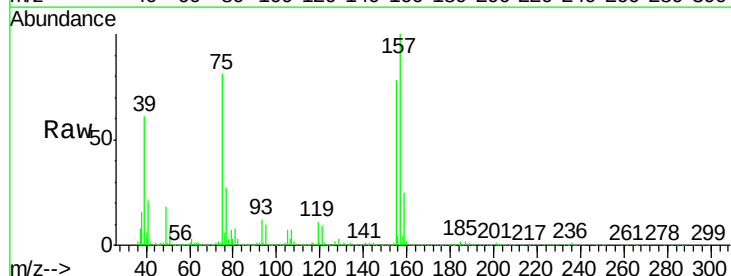
Manual Integrations
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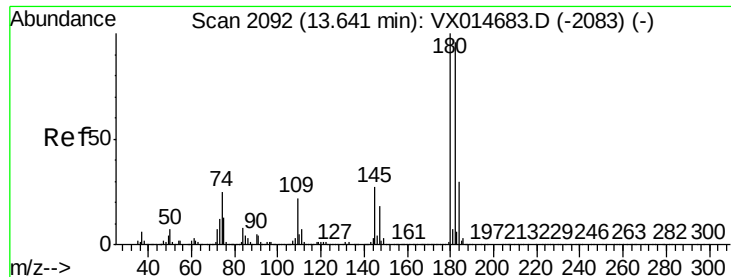
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.882 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014768.D
 Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	45.6	136.9
157	121.8	60.3	180.9





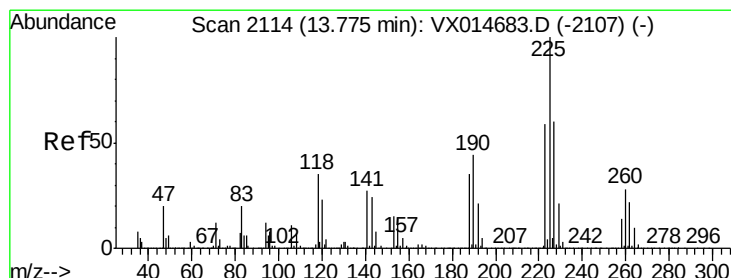
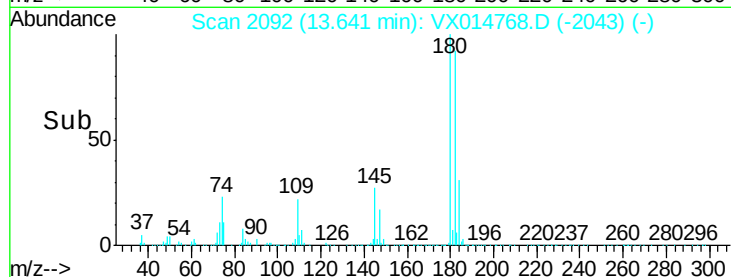
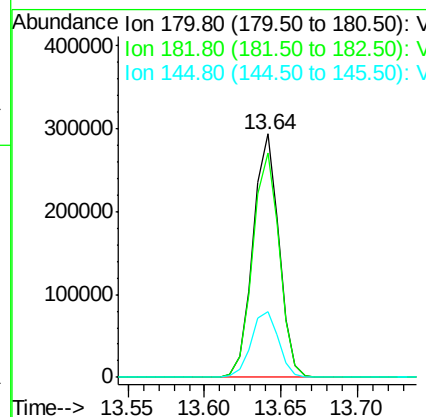
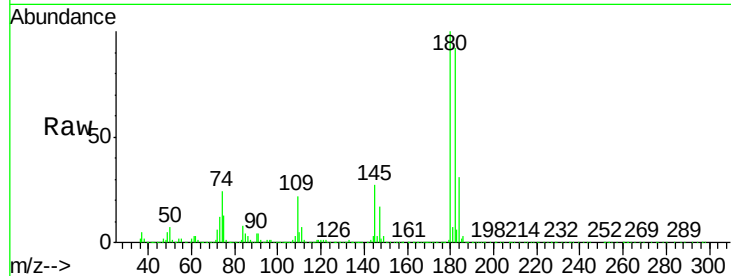
#93
1,2,4-Trichlorobenzene
Concen: 53.072 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	345016		
182	95.1	48.5	145.6	
145	28.3	14.0	41.9	

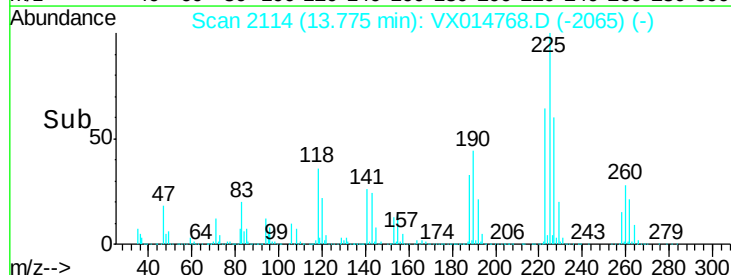
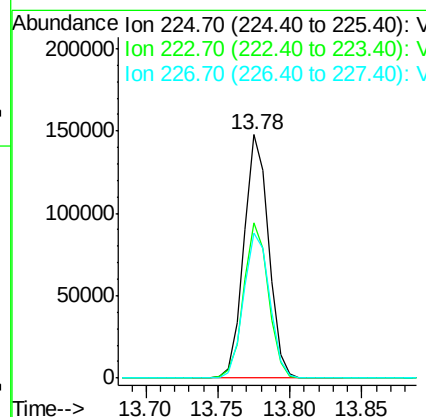
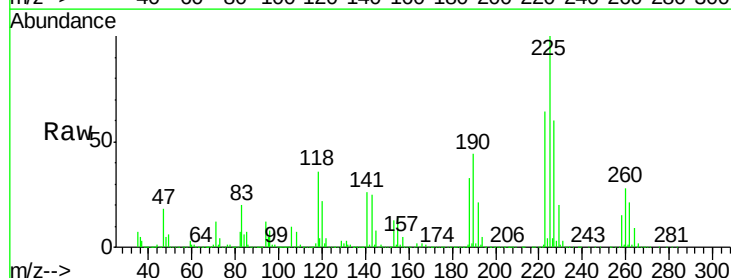
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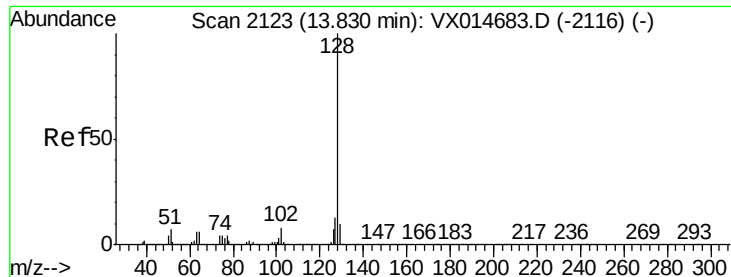
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#94
Hexachlorobutadiene
Concen: 52.526 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175748		
223	63.6	30.6	91.8	
227	62.7	31.4	94.0	





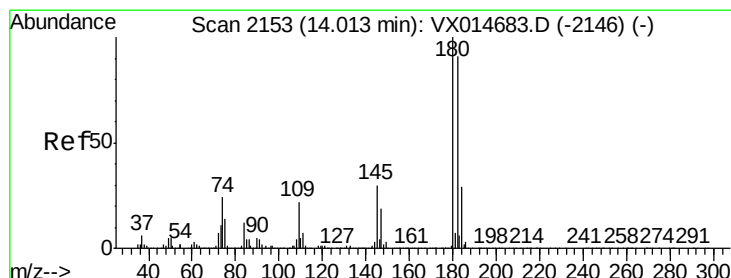
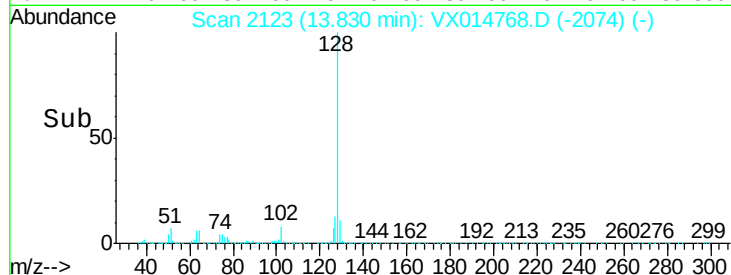
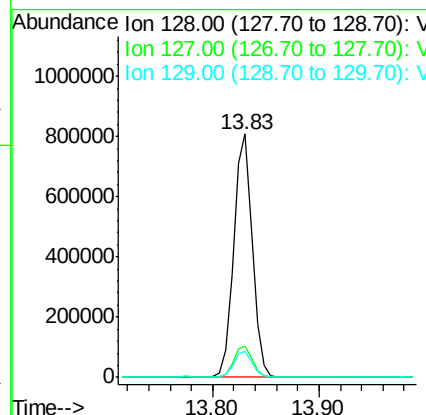
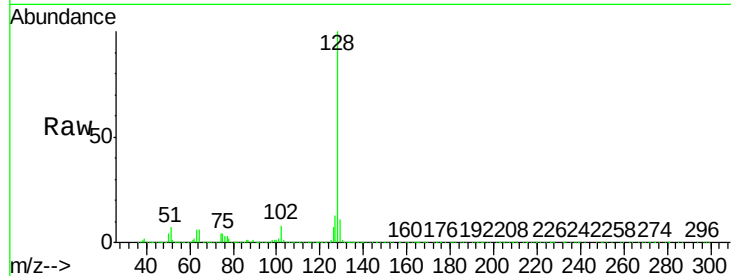
#95
Naphthalene
Concen: 47.033 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.760 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014768.D
Acq: 30 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.7
145	30.3	14.7	44.1

