

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014800.D
 Acq On : 04 Feb 2020 10:19
 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
 2/5/2020 12:25:26 PM

Quant Time: Feb 05 03:12:41 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	451374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243681	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.48	113	200838	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	753398	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.13	95	271531	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	254687	42.122	ug/l	100
3) Chloromethane	1.32	50	252731	41.389	ug/l	99
4) Vinyl Chloride	1.41	62	291939	44.218	ug/l	98
5) Bromomethane	1.63	94	185648	41.397	ug/l	99
6) Chloroethane	1.72	64	167126	44.080	ug/l	100
7) Trichlorofluoromethane	1.92	101	339388	44.147	ug/l	97
8) Diethyl Ether	2.18	74	144745	43.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205358	45.504	ug/l	99
10) Methyl Iodide	2.50	142	276113	46.627	ug/l	99
11) Tert butyl alcohol	3.03	59	213983	180.822	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192829	42.974	ug/l	99
13) Acrolein	2.28	56	194548	208.502	ug/l	99
14) Allyl chloride	2.72	41	357376	44.311	ug/l	98
15) Acrylonitrile	3.13	53	579641	211.695	ug/l	100
16) Acetone	2.43	43	589101	203.950	ug/l	100
17) Carbon Disulfide	2.56	76	492666	40.173	ug/l	100
18) Methyl Acetate	2.76	43	356832	43.273	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	676195	46.009	ug/l	99
20) Methylene Chloride	2.85	84	228158	42.682	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	211816	42.873	ug/l	98
22) Diisopropyl ether	3.84	45	743247	46.319	ug/l	93
23) Vinyl Acetate	3.80	43	2856863	233.560	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394650	45.288	ug/l	99
25) 2-Butanone	4.65	43	865590	209.130	ug/l	99
26) 2,2-Dichloropropane	4.57	77	327748	46.989	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	243749	44.082	ug/l	100
28) Bromochloromethane	5.00	49	160461	41.903	ug/l	97
29) Tetrahydrofuran	5.11	42	507969	206.780	ug/l	99
30) Chloroform	5.20	83	390897	45.282	ug/l	99
31) Cyclohexane	5.57	56	349702	42.666	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	332267	45.536	ug/l	99
36) 1,1-Dichloropropene	5.79	75	295037	48.004	ug/l	100
37) Ethyl Acetate	4.81	43	311175	44.205	ug/l	99
38) Carbon Tetrachloride	5.78	117	284573	48.481	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	358631	46.577	ug/l	97
40) Benzene	6.13	78	889329	46.831	ug/l	99
41) Methacrylonitrile	5.02	41	176225	43.849	ug/l	98
42) 1,2-Dichloroethane	6.18	62	315042	48.041	ug/l	100
43) Isopropyl Acetate	6.43	43	522668	45.342	ug/l	99
44) Trichloroethene	7.20	130	245827	45.829	ug/l	96
45) 1,2-Dichloropropane	7.50	63	235703	48.178	ug/l	98
46) Dibromomethane	7.65	93	150831	47.603	ug/l	99
47) Bromodichloromethane	7.89	83	310314	49.934	ug/l	96
48) Methyl methacrylate	7.76	41	260707	47.335	ug/l	97
49) 1,4-Dioxane	7.73	88	90899	778.580	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1624504	223.286	ug/l	100
52) Toluene	8.78	92	565499	48.443	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	338350	50.563	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	373259	50.705	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	234153	48.993	ug/l	99
56) Ethyl methacrylate	9.17	69	356401	44.201	ug/l	99
57) 1,3-Dichloropropane	9.36	76	390328	47.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602205	250.545	ug/l	100
59) 2-Hexanone	9.48	43	1297375	229.801	ug/l	99
60) Dibromochloromethane	9.57	129	250088	50.132	ug/l	99
61) 1,2-Dibromoethane	9.67	107	237953	47.090	ug/l	100
64) Tetrachloroethene	9.33	164	261858	44.192	ug/l	98
65) Chlorobenzene	10.13	112	611176	47.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	230501	48.826	ug/l	99
67) Ethyl Benzene	10.25	91	1084773	49.618	ug/l	100
68) m/p-Xylenes	10.36	106	830396	100.258	ug/l	99
69) o-Xylene	10.69	106	399369	49.946	ug/l	99
70) Styrene	10.71	104	697849	52.028	ug/l	99
71) Bromoform	10.85	173	193031	51.417	ug/l #	97
73) Isopropylbenzene	11.01	105	1070842	49.366	ug/l	99
74) N-amyl acetate	10.89	43	452784	47.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340206	43.926	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	291061m	40.552	ug/l	
77) Bromobenzene	11.25	156	279369	47.940	ug/l	97
78) n-propylbenzene	11.35	91	1228427	49.891	ug/l	99
79) 2-Chlorotoluene	11.42	91	725426	48.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	899437	49.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	118069	46.813	ug/l	99
82) 4-Chlorotoluene	11.50	91	843865	49.754	ug/l	100
83) tert-Butylbenzene	11.76	119	855530	50.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	907827	50.272	ug/l	99
85) sec-Butylbenzene	11.94	105	1053424	50.829	ug/l	100
86) p-Isopropyltoluene	12.06	119	973146	50.809	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	500003	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	498970	47.563	ug/l	100
89) n-Butylbenzene	12.38	91	842919	50.531	ug/l	99
90) Hexachloroethane	12.59	117	175907	49.446	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	498319	47.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71825	43.164	ug/l	97

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ClientSampleId :
VSTDCCC050

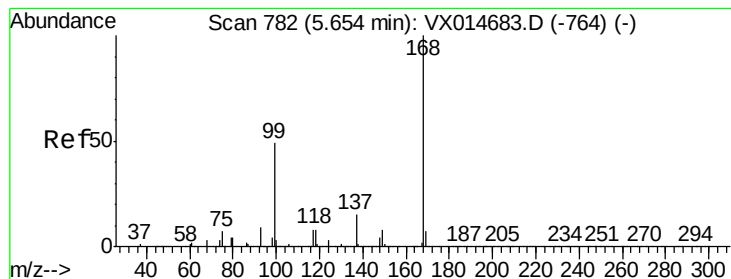
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	340931	50.839	ug/l	98
94) Hexachlorobutadiene	13.78	225	168878	48.928	ug/l	97
95) Naphthalene	13.83	128	1003143	46.454	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	339846	50.118	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: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 451374

Ion Ratio Lower Upper

168 100

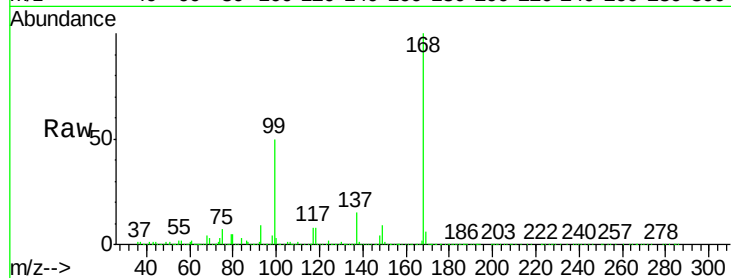
99 50.1 39.8 59.6

Manual Integrations

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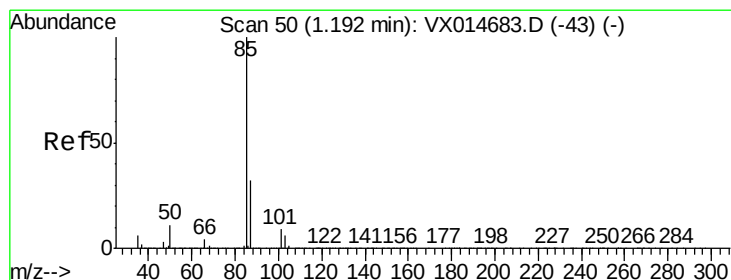
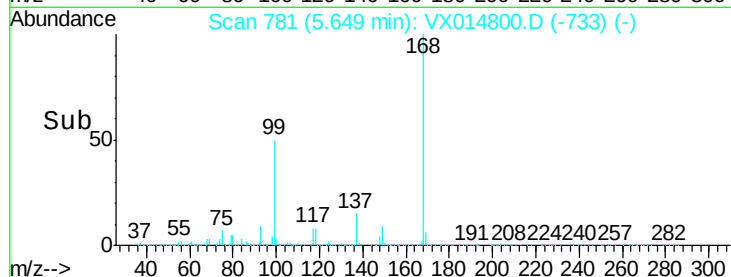
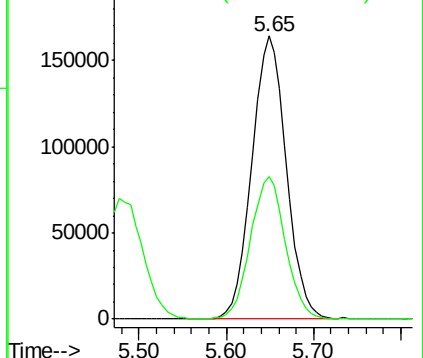
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.122 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014800.D

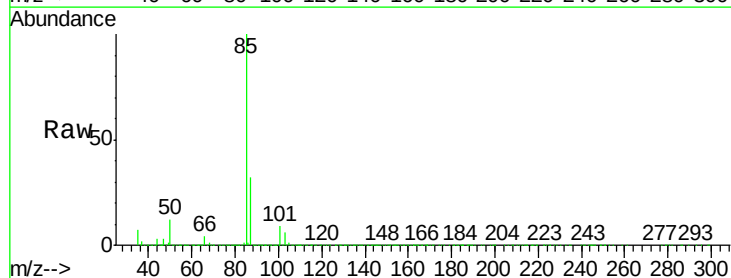
Acq: 04 Feb 2020 10:19

Tgt Ion: 85 Resp: 254687

Ion Ratio Lower Upper

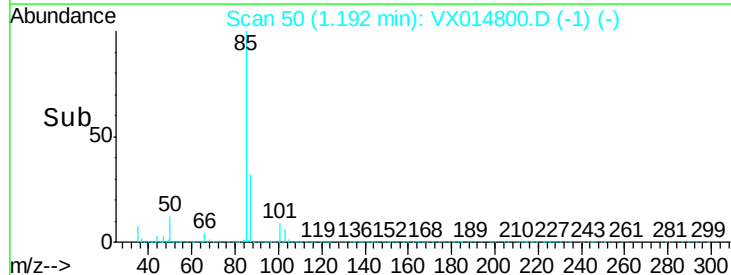
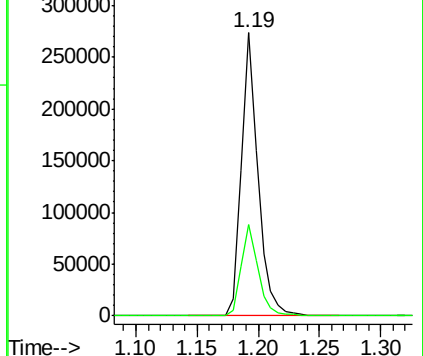
85 100

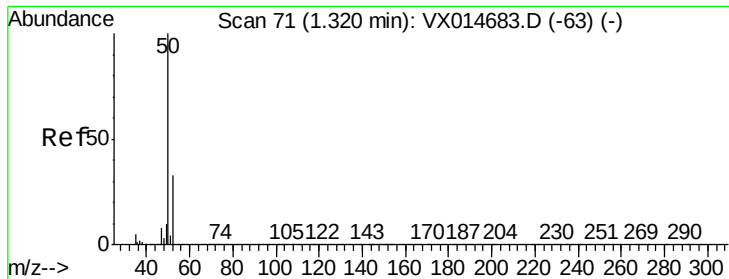
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





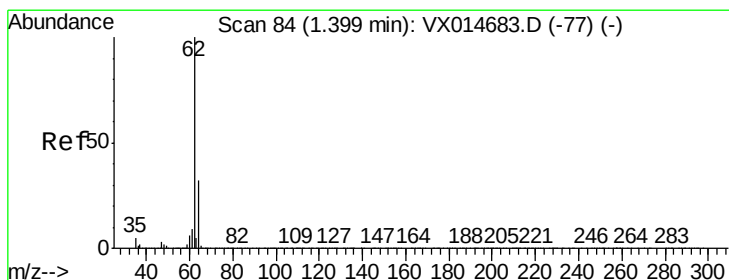
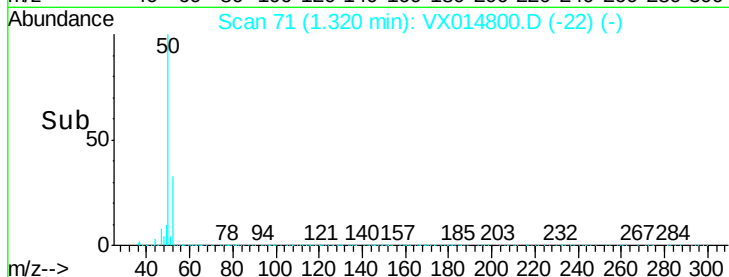
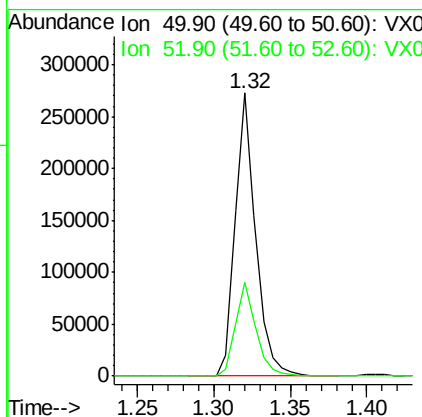
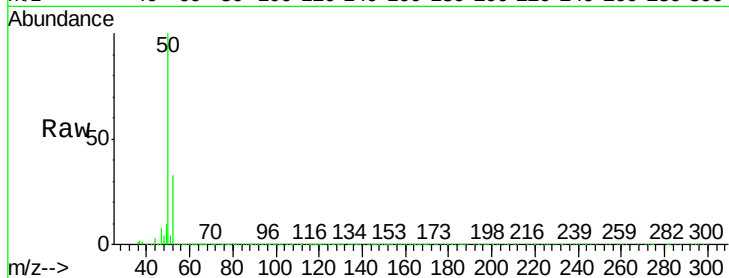
#3
Chloromethane
Concen: 41.389 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.2	39.2

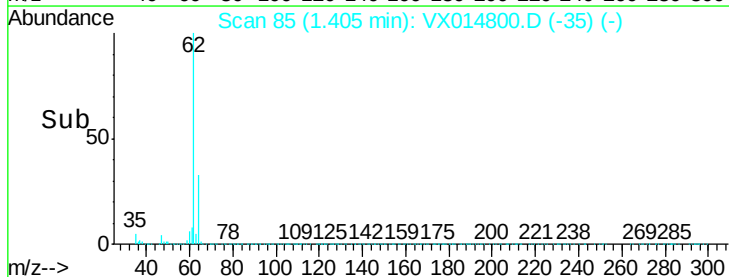
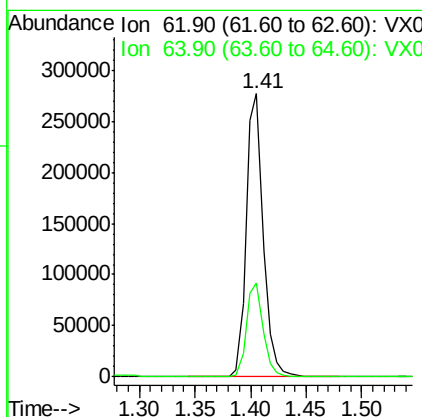
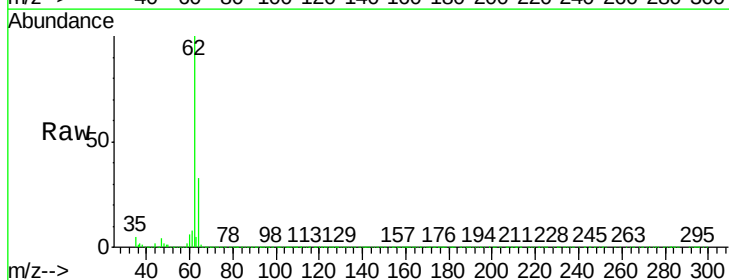
Manual Integrations
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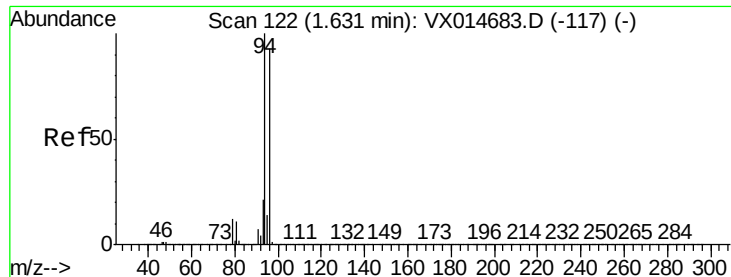
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#4
Vinyl Chloride
Concen: 44.218 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.4	38.2





#5

Bromomethane

Concen: 41.397 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 185648

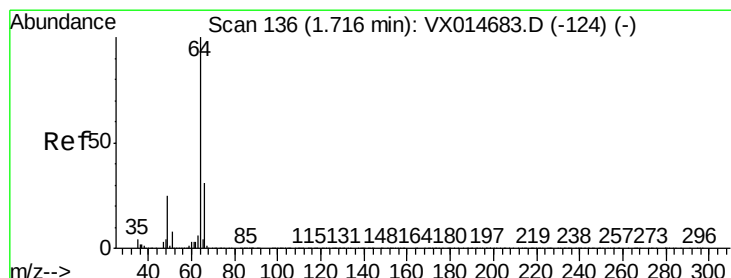
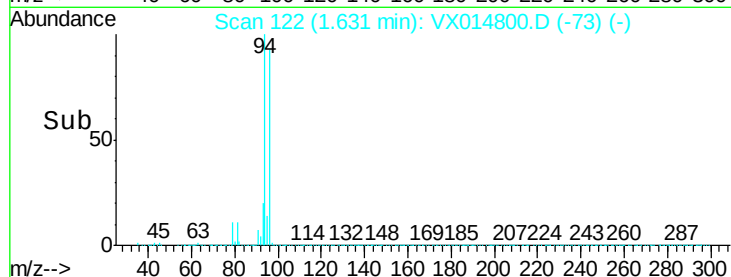
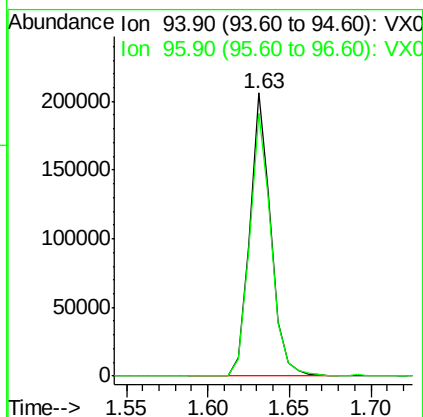
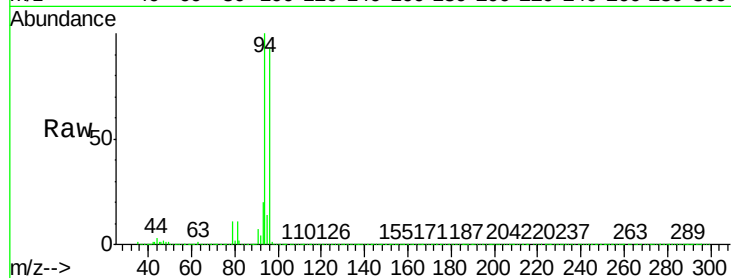
Ion Ratio Lower Upper

94 100

96 92.7 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 44.080 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014800.D

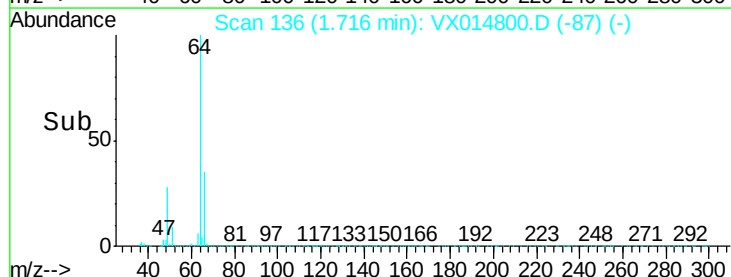
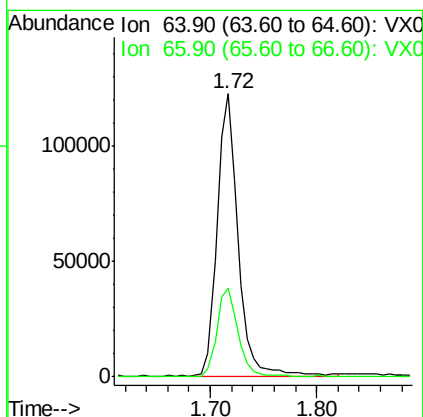
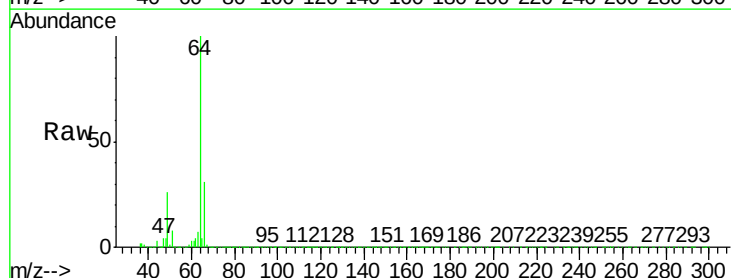
Acq: 04 Feb 2020 10:19

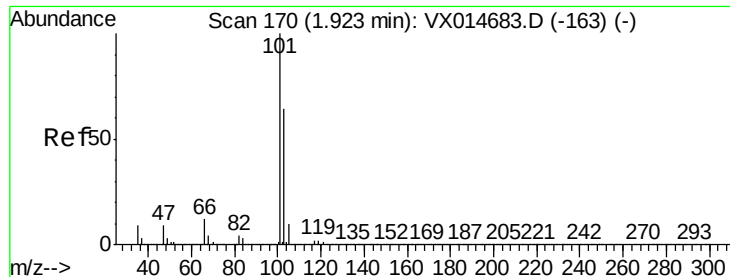
Tgt Ion: 64 Resp: 167126

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8





#7

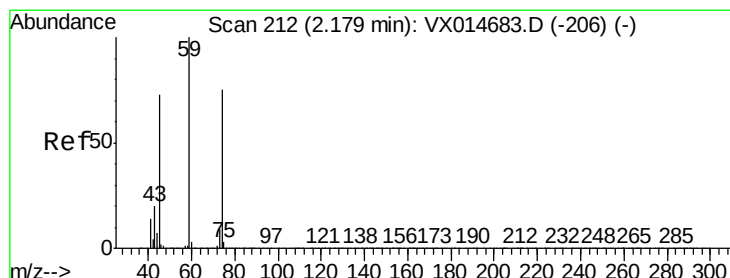
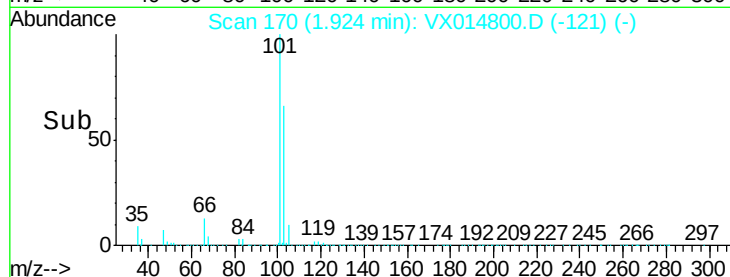
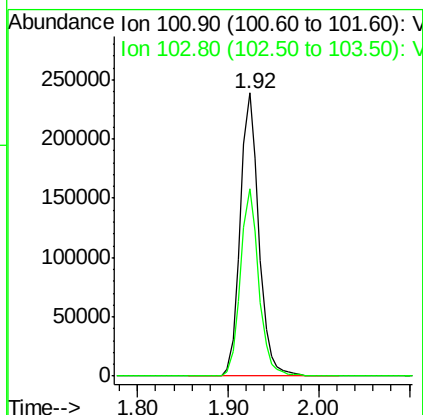
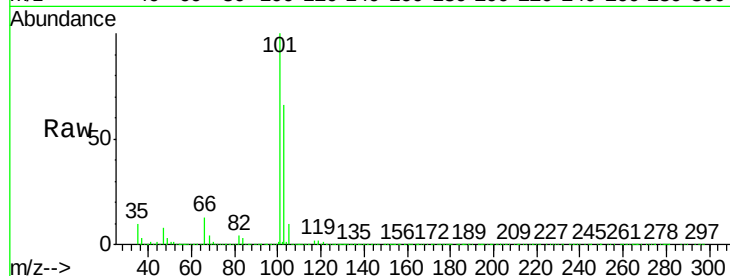
Trichlorofluoromethane
Concen: 44.147 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	339388		
103	66.1	51.0	76.6	

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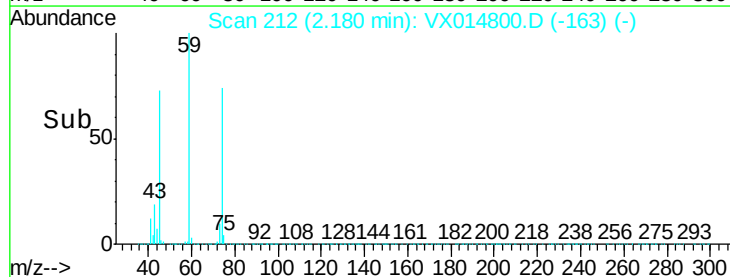
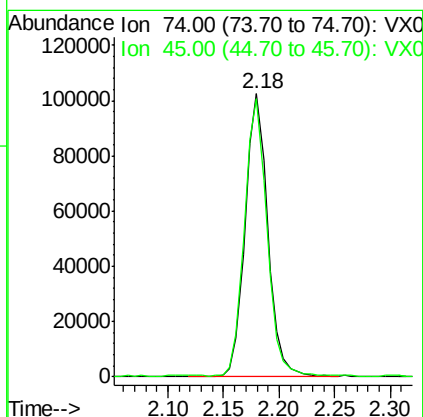
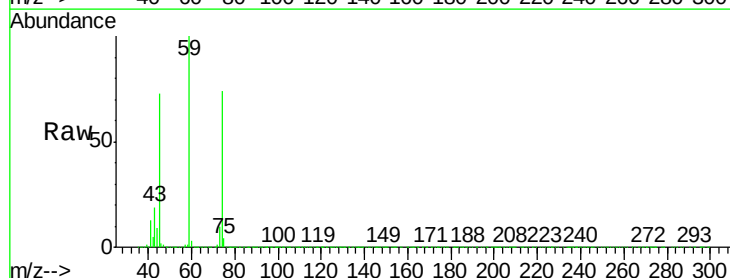
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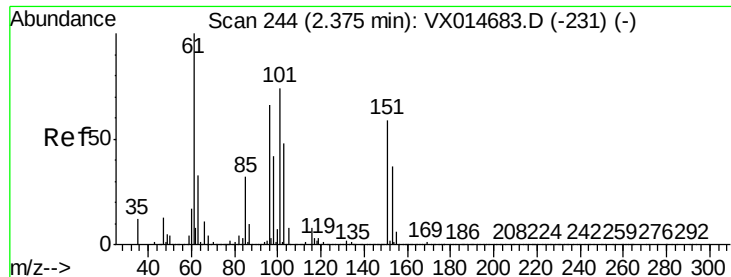


#8

Diethyl Ether
Concen: 43.136 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	144745		
45	97.7	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.504 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

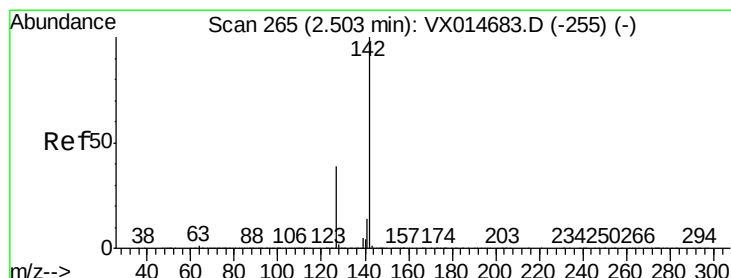
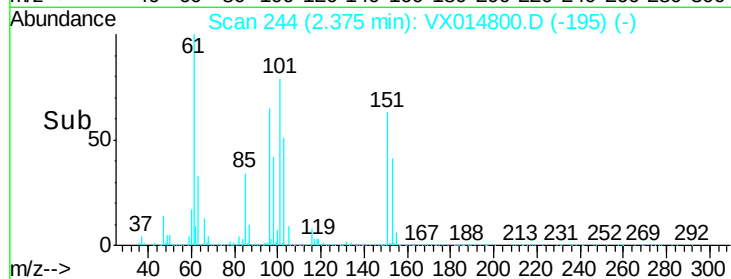
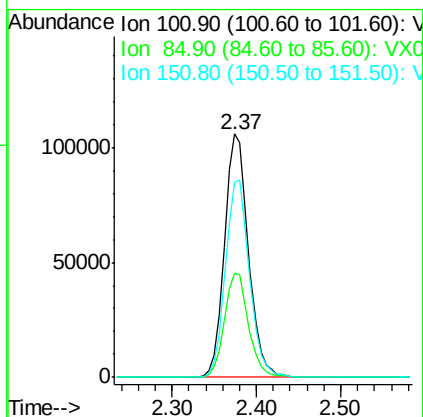
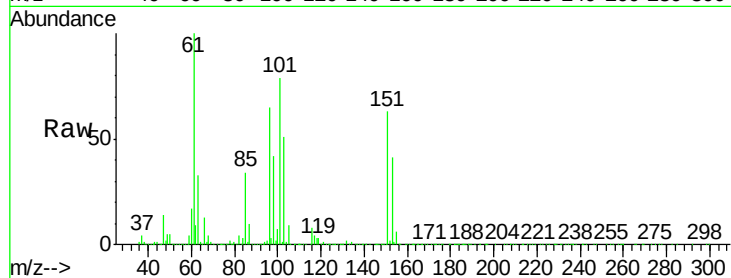
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	205358
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.7	52.1
151	82.1	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 46.627 ug/l

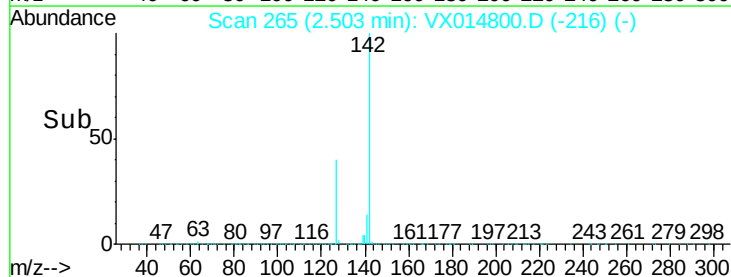
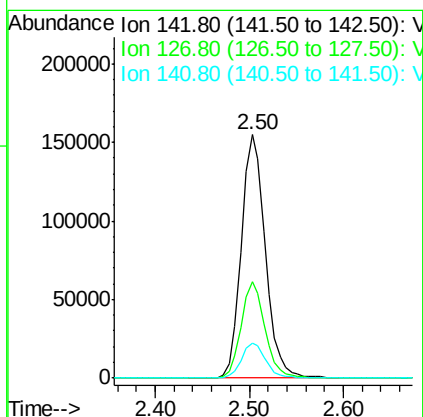
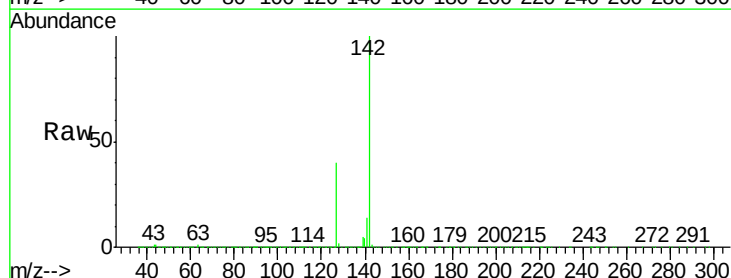
RT: 2.50 min Scan# 265

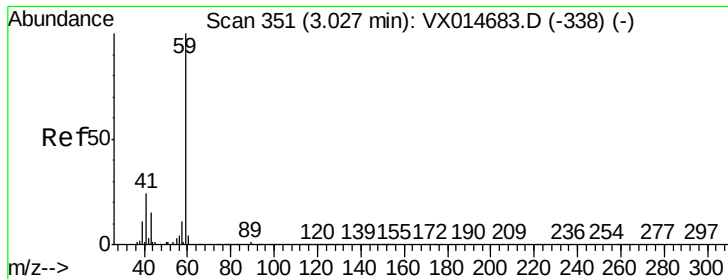
Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	142	Resp:	276113
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.1	46.7
141	14.5	11.3	16.9





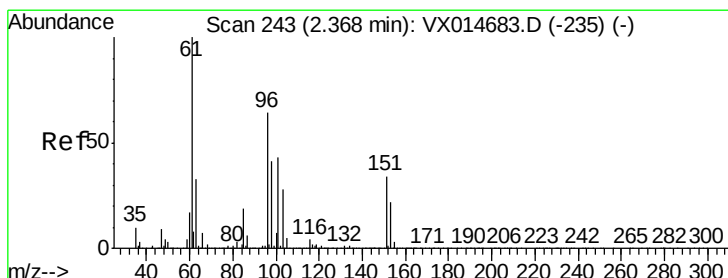
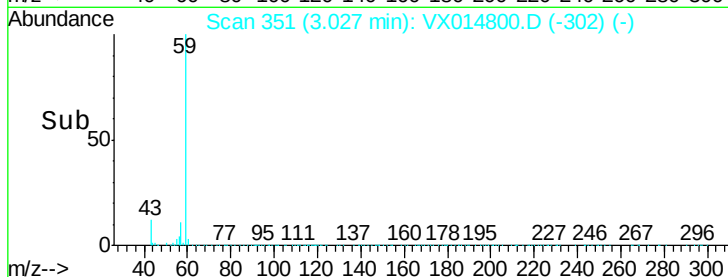
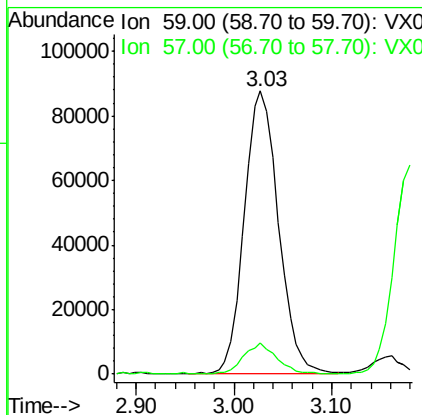
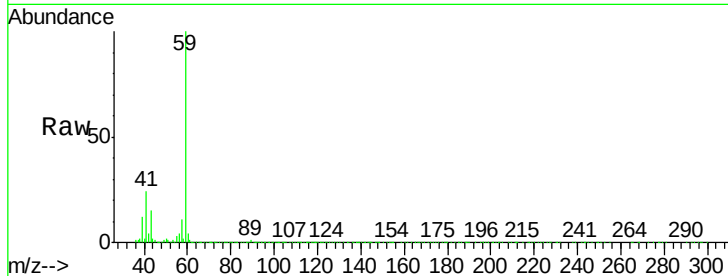
#11
Tert butyl alcohol
Concen: 180.822 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

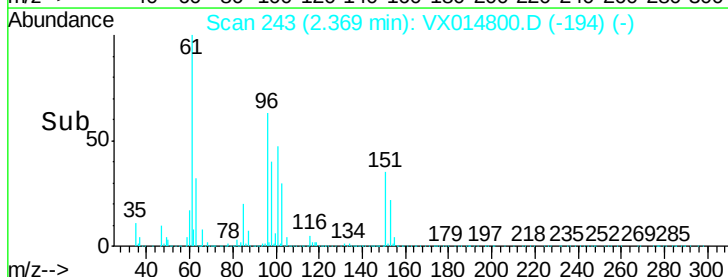
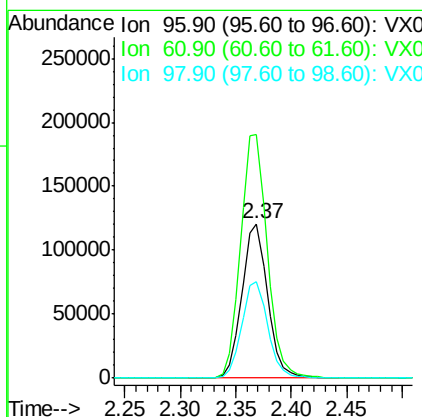
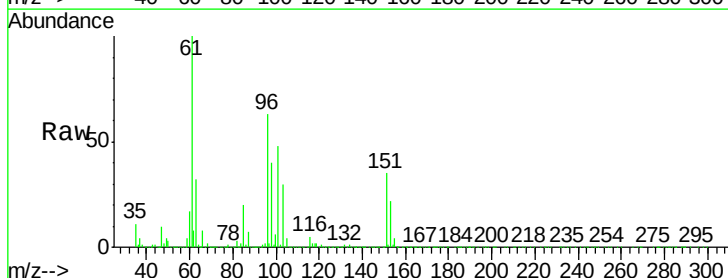
Manual Integrations
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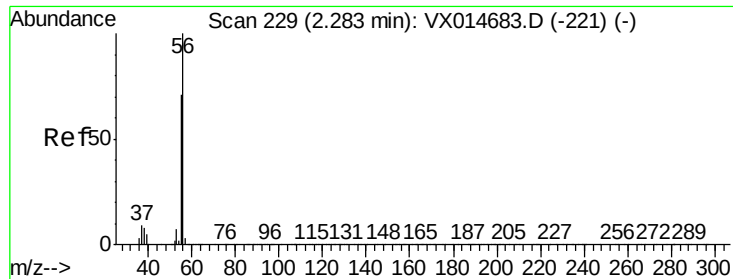
MMDadoda
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#12
1,1-Dichloroethene
Concen: 42.974 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	125.8	188.8
98	62.8	51.5	77.3





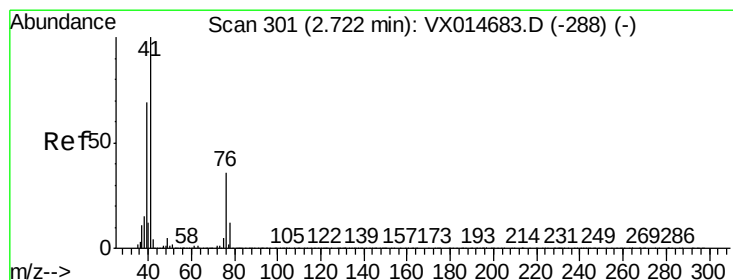
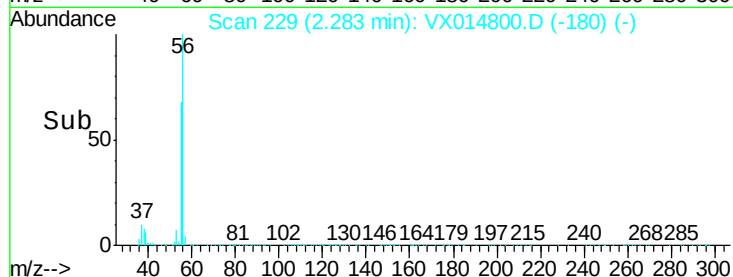
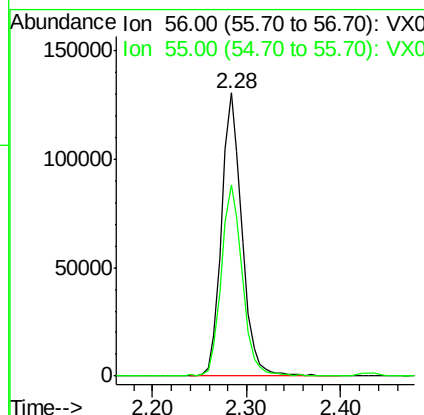
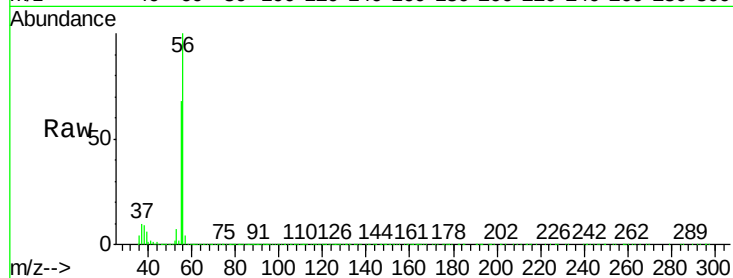
#13
Acrolein
Concen: 208.502 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.6	84.8

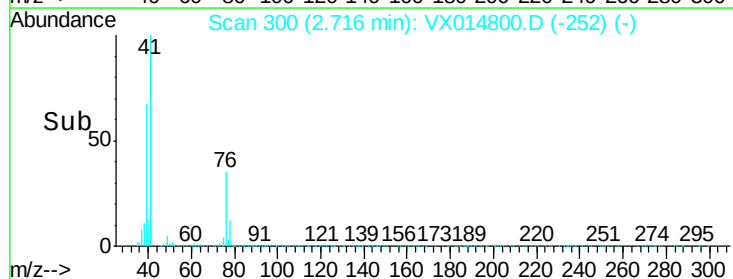
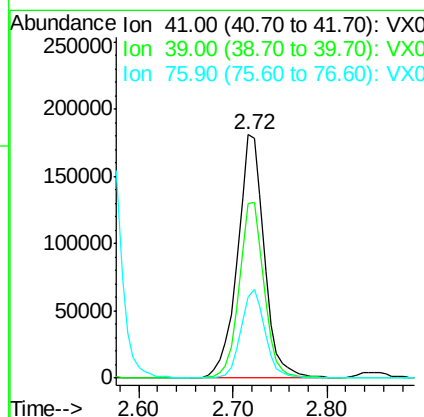
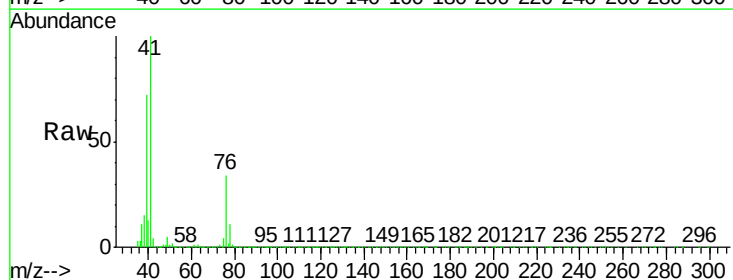
Manual Integrations
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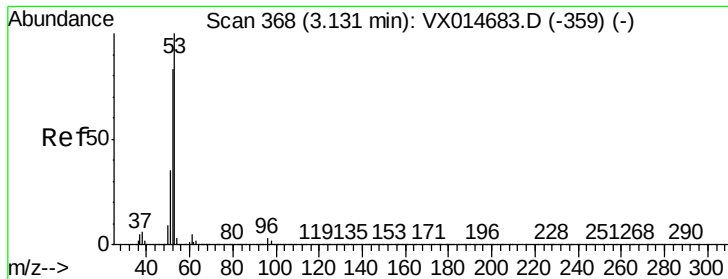
MMDadoda
2/5/2020 12:25:26 PM



#14
Allyl chloride
Concen: 44.311 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.0	52.0	78.0
76	32.5	26.0	39.0





#15

Acrylonitrile

Concen: 211.695 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

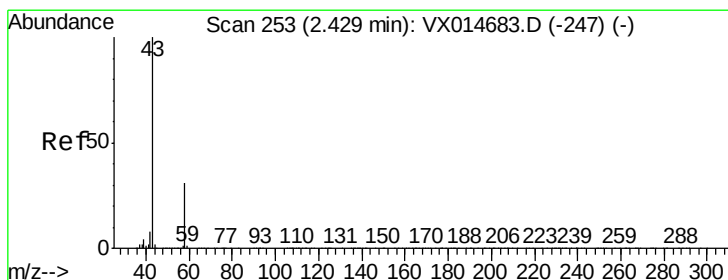
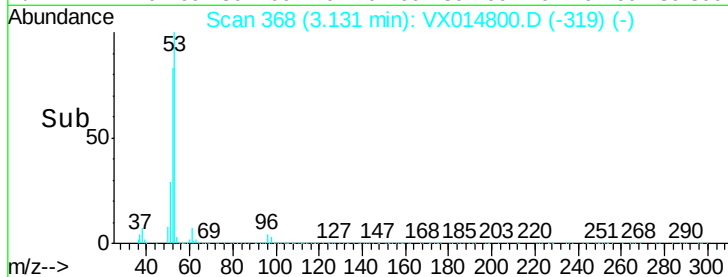
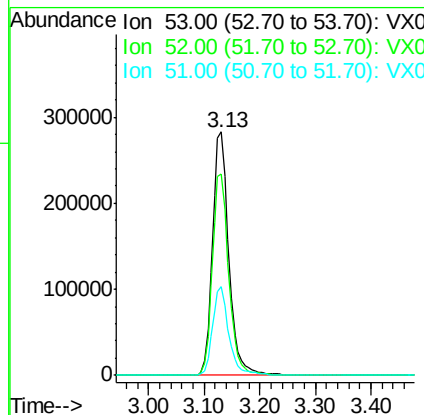
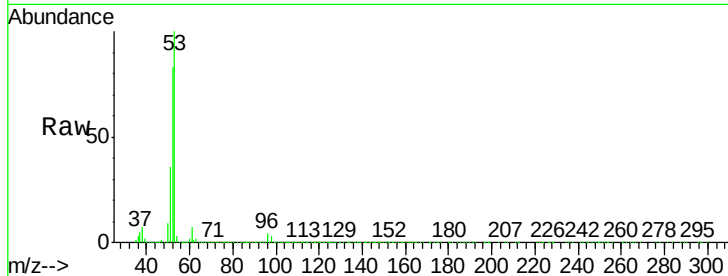
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	579641
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.4	99.6
51	36.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 203.950 ug/l

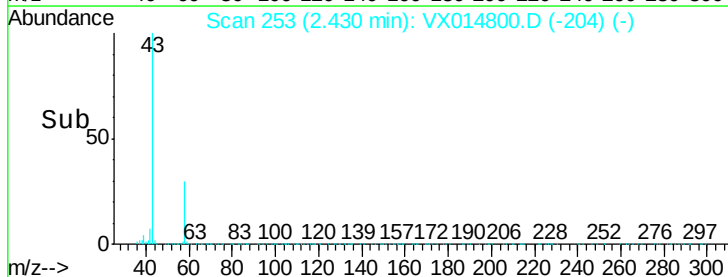
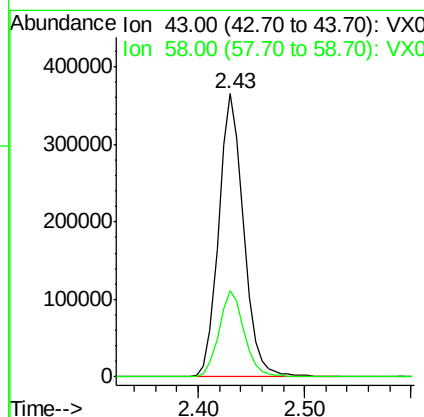
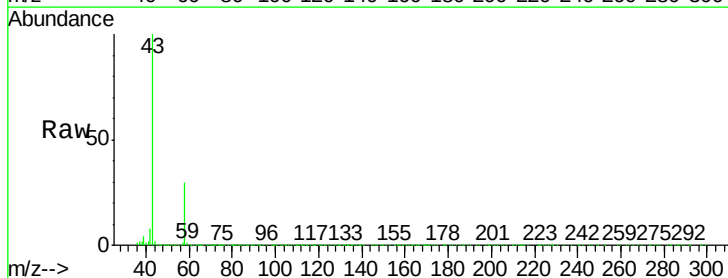
RT: 2.43 min Scan# 253

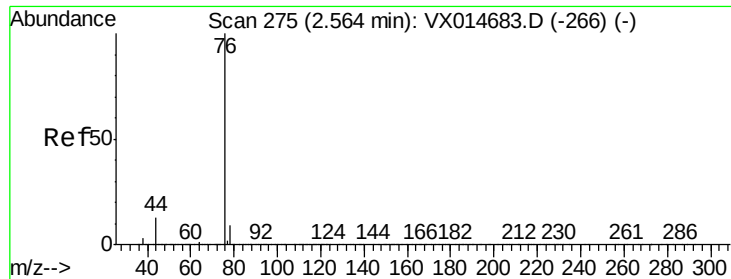
Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	43	Resp:	589101
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.5	36.7





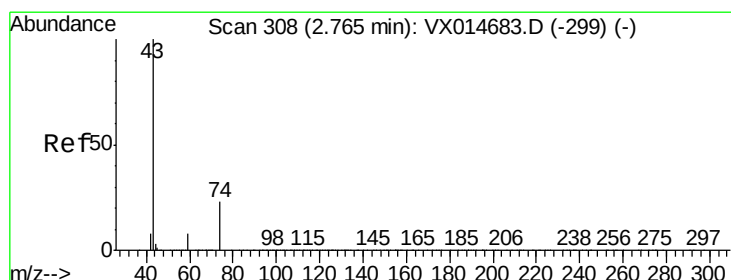
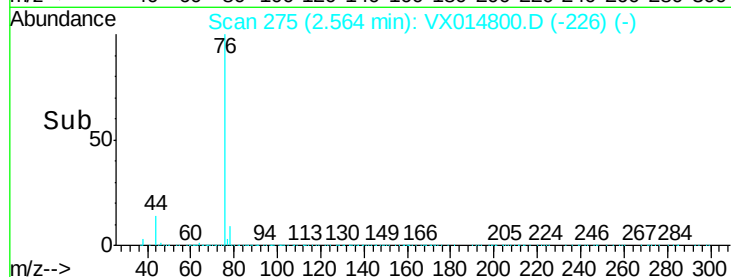
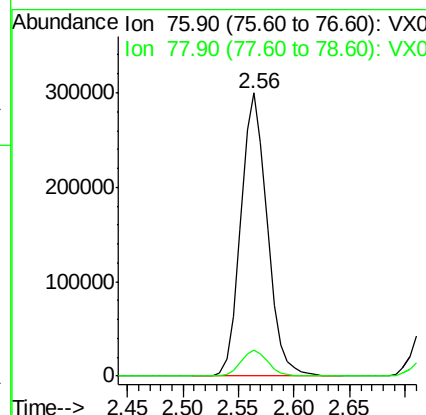
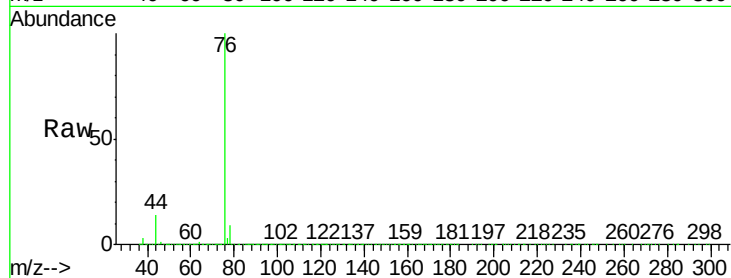
#17
Carbon Disulfide
Concen: 40.173 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

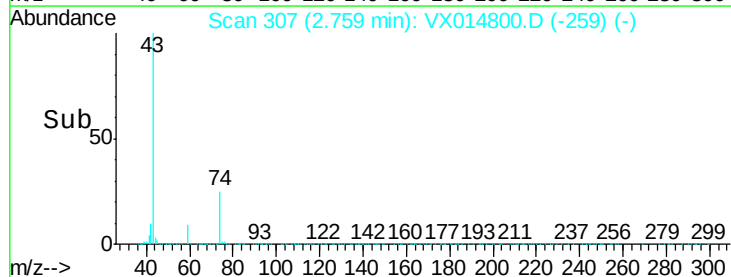
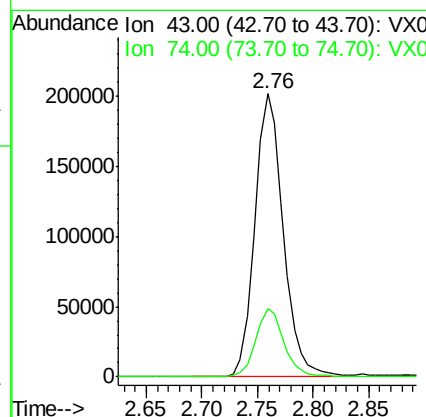
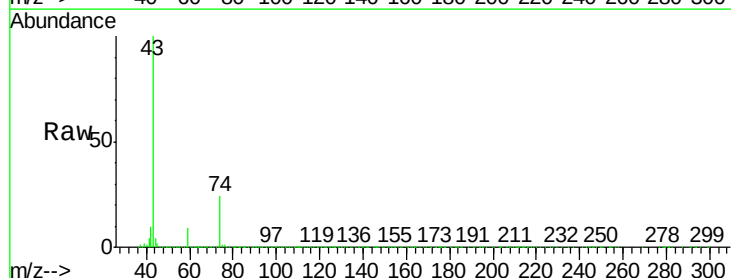
Manual Integrations
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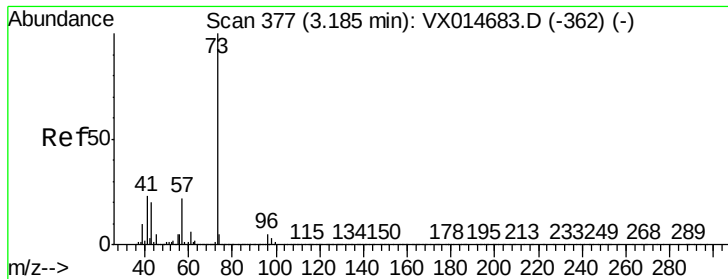
MMDadoda
2/5/2020 12:25:26 PM



#18
Methyl Acetate
Concen: 43.273 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.5	27.7





#19

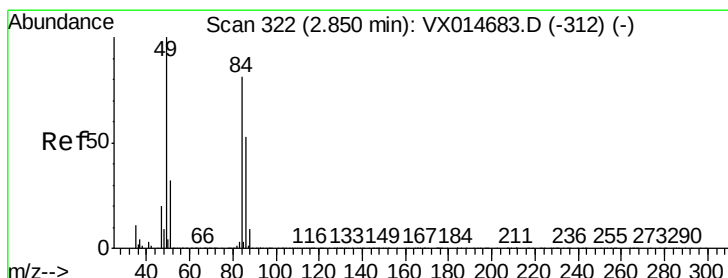
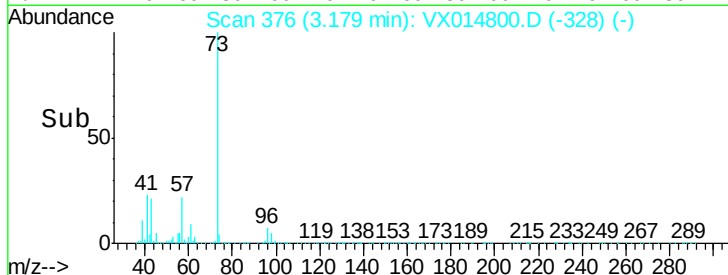
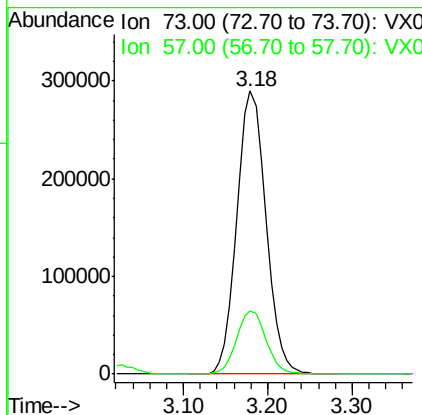
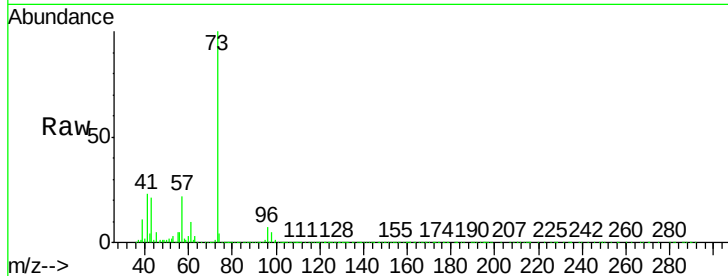
Methyl tert-butyl Ether
 Concen: 46.009 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

Manual Integrations
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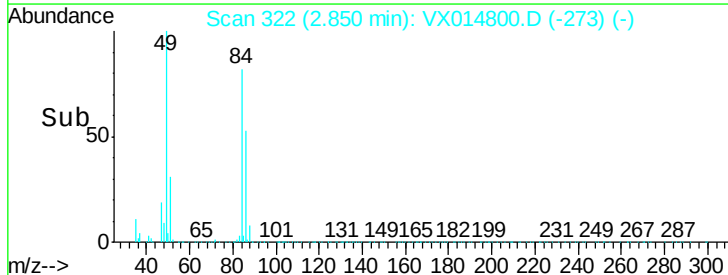
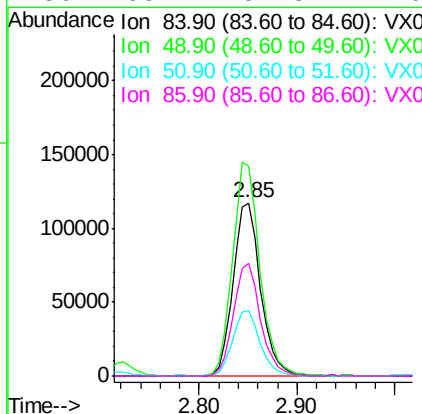
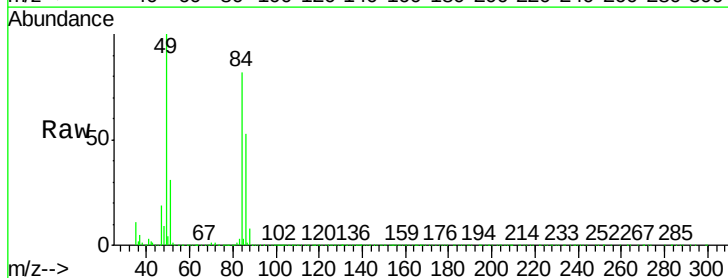
MMDadoda
 2/5/2020 12:25:26 PM

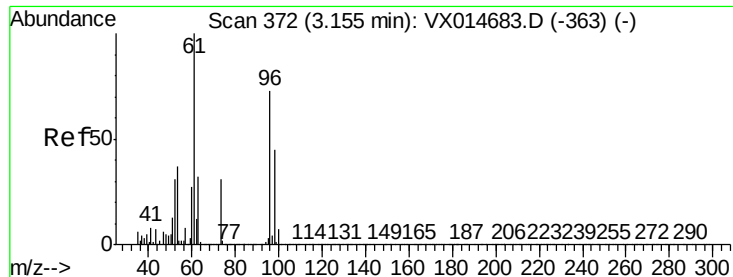


#20

Methylene Chloride
 Concen: 42.682 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.6	98.2	147.4
51	37.7	31.3	46.9
86	65.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 42.873 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

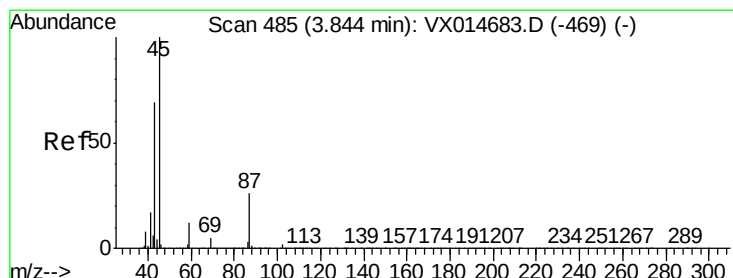
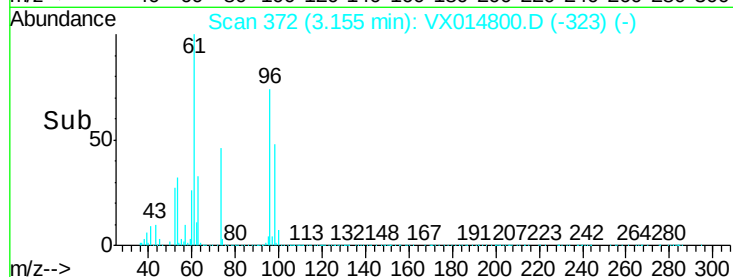
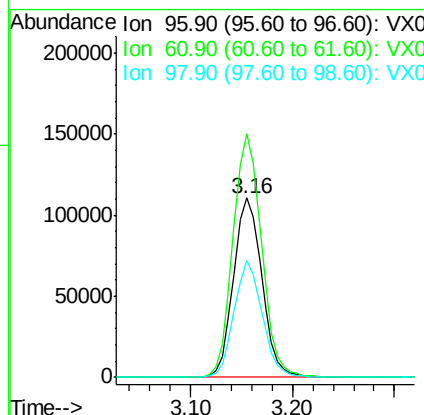
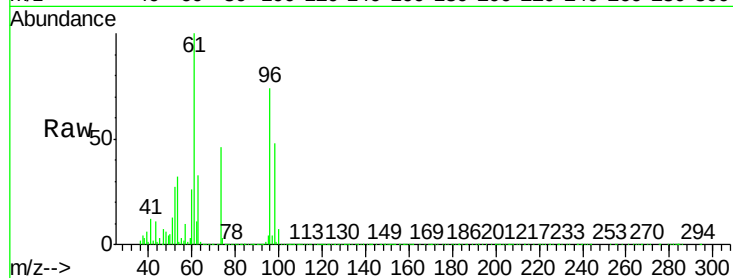
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	211816
Ion Ratio	Lower	Upper	
96	100		
61	136.0	109.8	164.6
98	65.3	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.319 ug/l

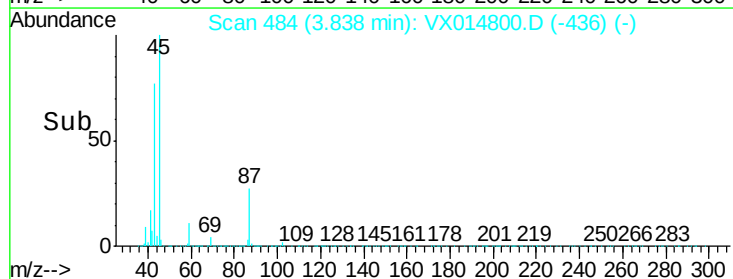
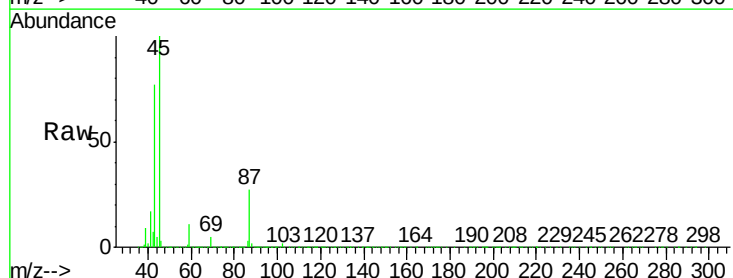
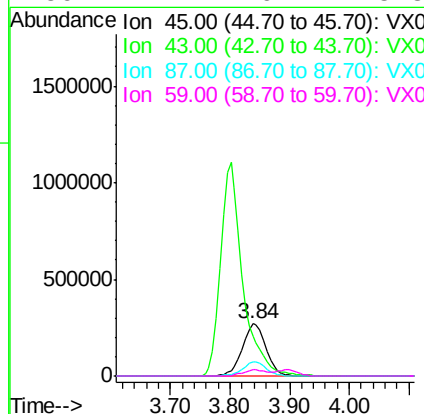
RT: 3.84 min Scan# 484

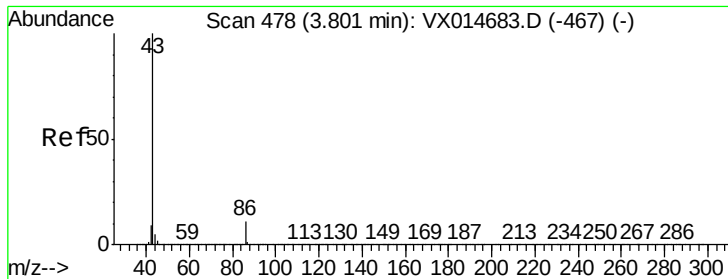
Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	45	Resp:	743247
Ion Ratio	Lower	Upper	
45	100		
43	76.7	55.1	82.7
87	27.0	20.7	31.1
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 233.560 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2856863

Ion Ratio Lower Upper

43 100

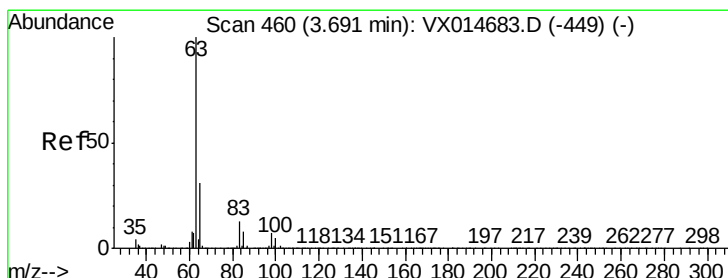
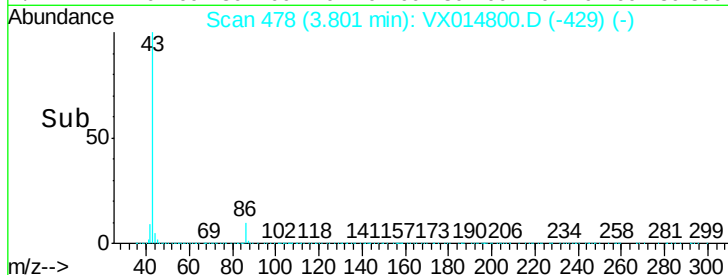
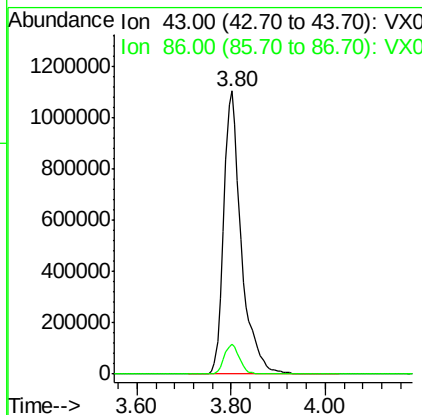
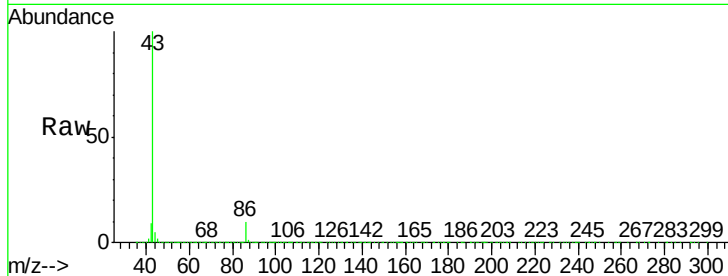
86 10.4 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.288 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

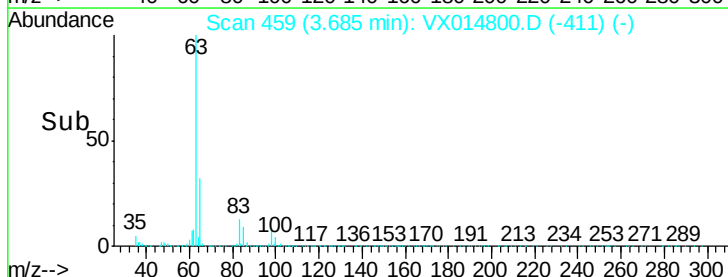
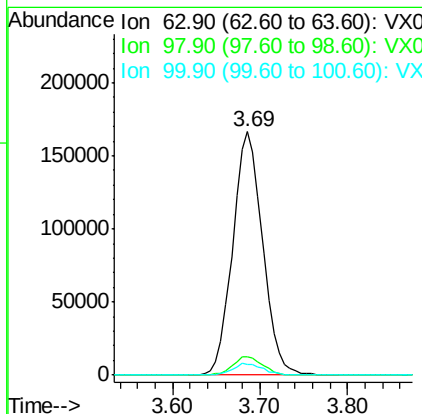
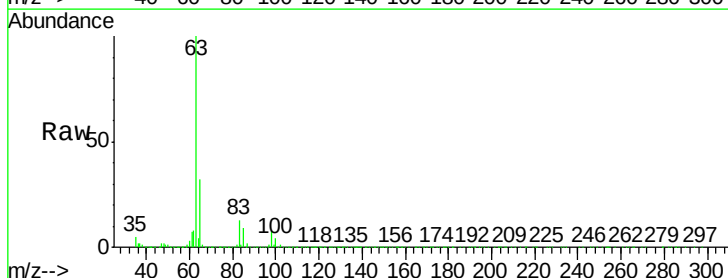
Tgt Ion: 63 Resp: 394650

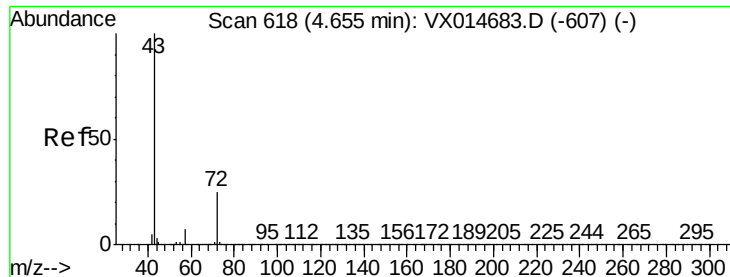
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 209.130 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 865590

Ion Ratio Lower Upper

43 100

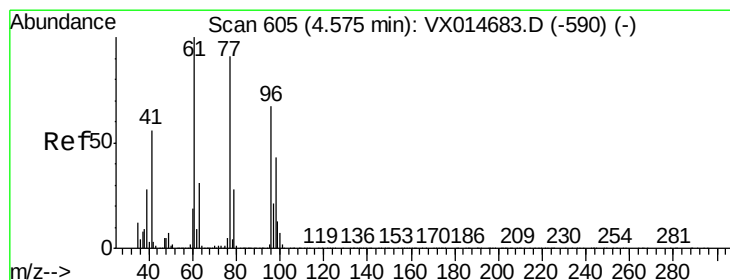
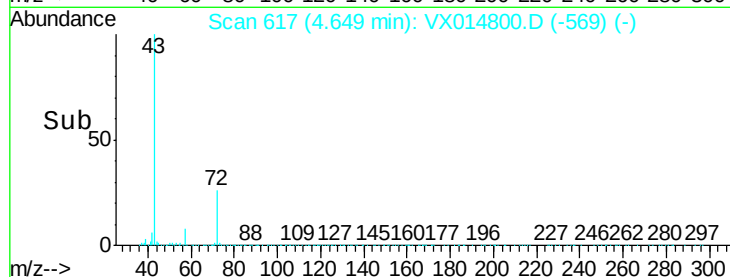
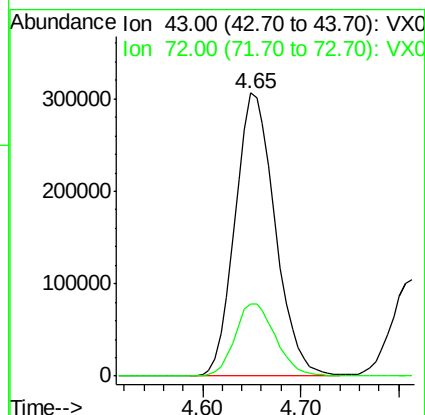
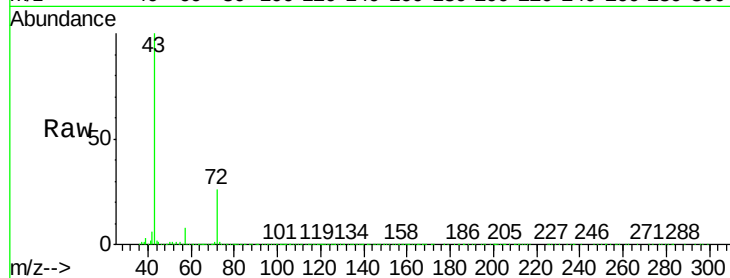
72 25.5 19.9 29.9

Manual Integrations

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MMDadoda

2/5/2020 12:25:26 PM



#26

2,2-Dichloropropane

Concen: 46.989 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014800.D

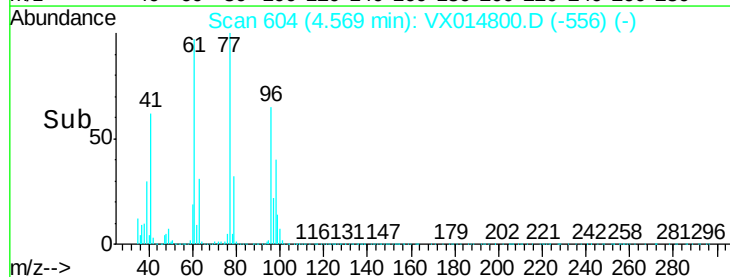
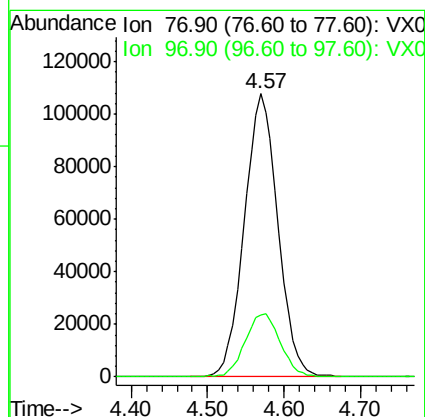
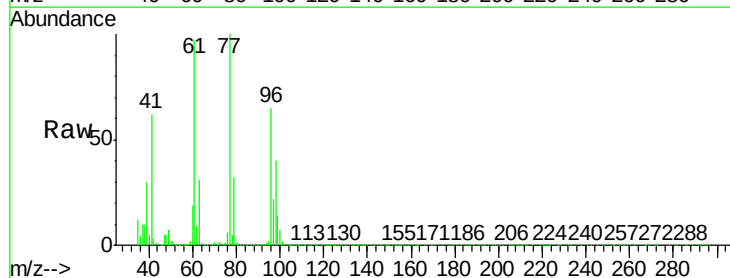
Acq: 04 Feb 2020 10:19

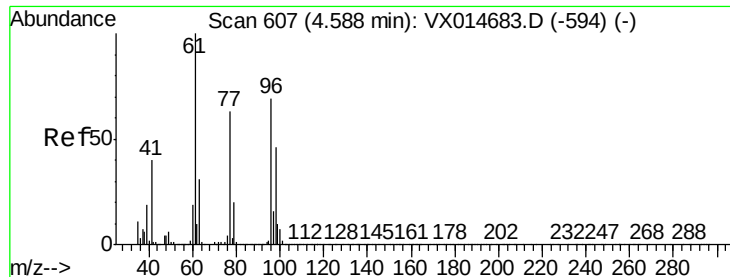
Tgt Ion: 77 Resp: 327748

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3





#27

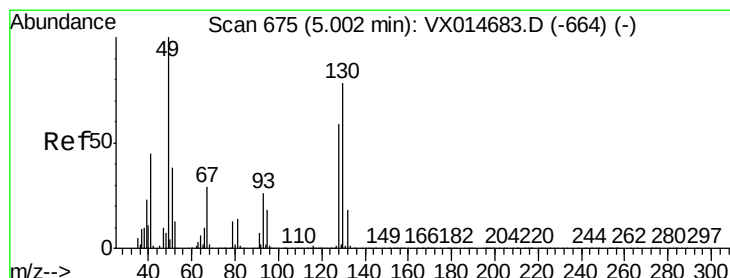
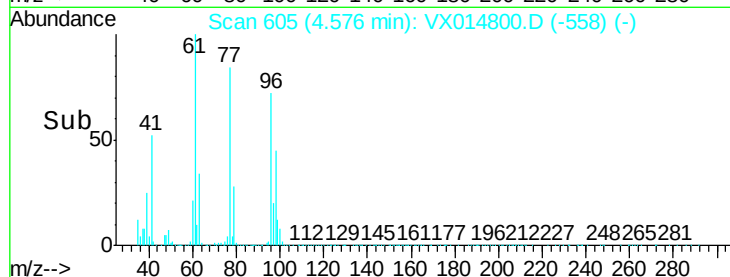
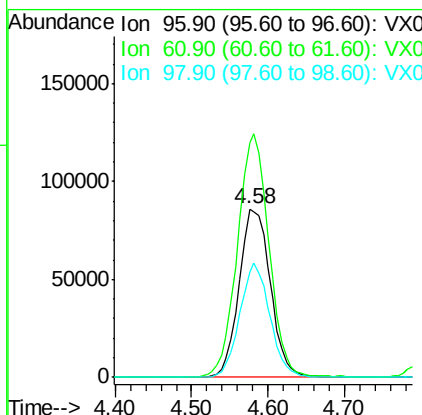
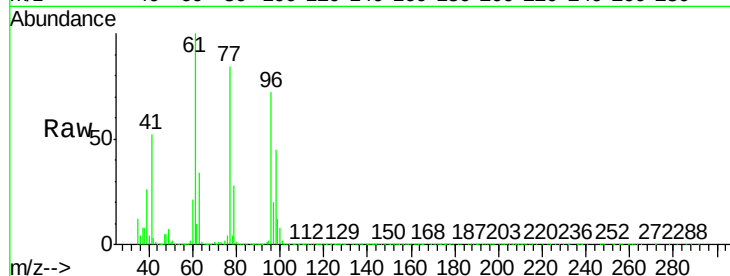
cis-1,2-Dichloroethene
Concen: 44.082 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	243749		
61	145.6	0.0	291.0	
98	65.3	0.0	129.8	

Manual Integrations
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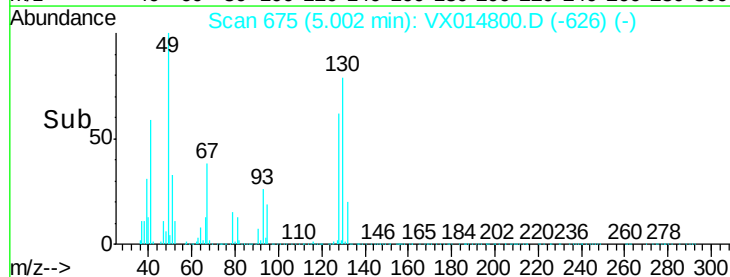
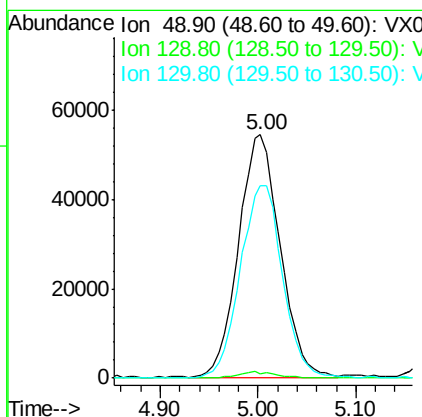
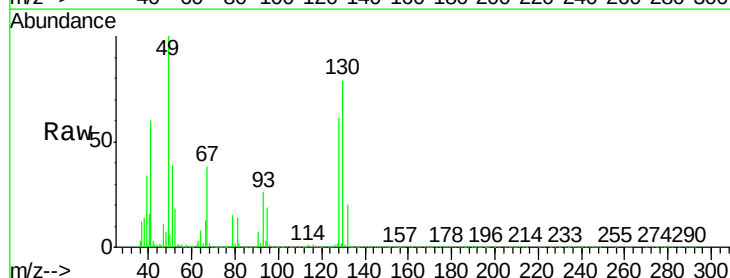
MMDadoda
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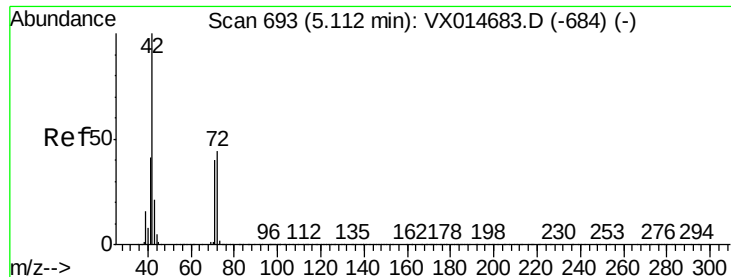


#28

Bromochloromethane
Concen: 41.903 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	160461		
129	2.6	0.0	4.8	
130	80.6	62.4	93.6	





#29

Tetrahydrofuran

Concen: 206.780 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

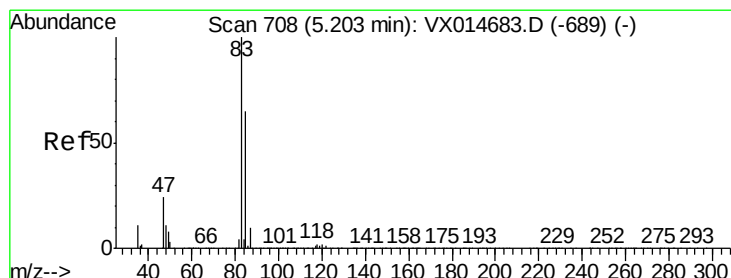
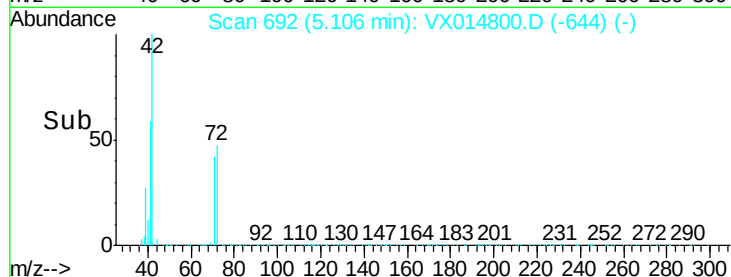
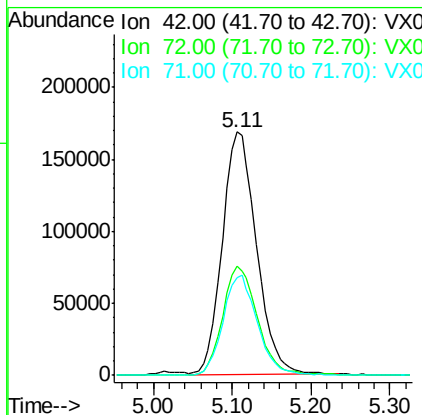
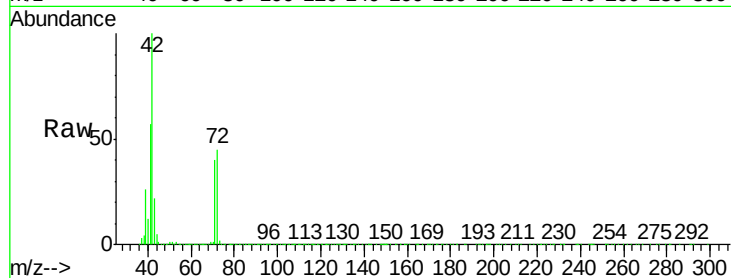
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	507969
Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.3	52.9
71	41.5	33.1	49.7

Manual Integrations
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#30

Chloroform

Concen: 45.282 ug/l

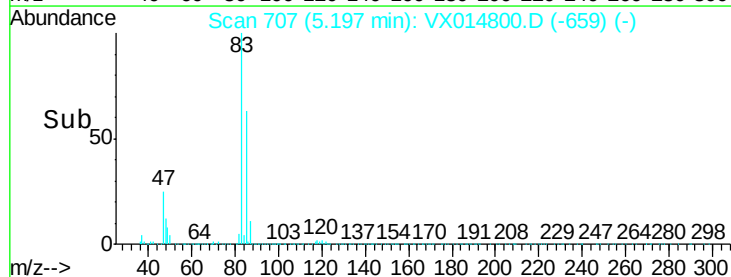
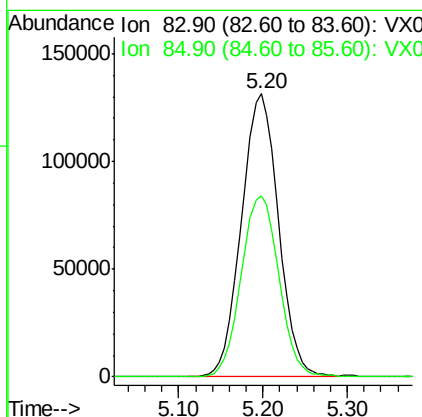
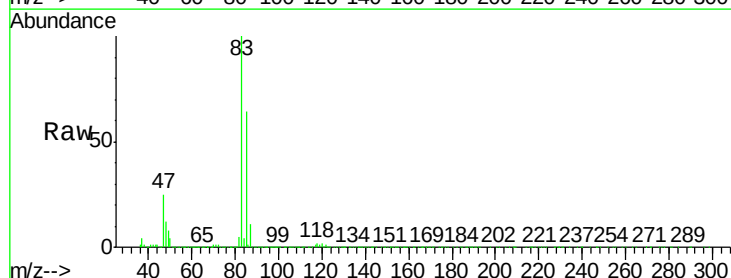
RT: 5.20 min Scan# 707

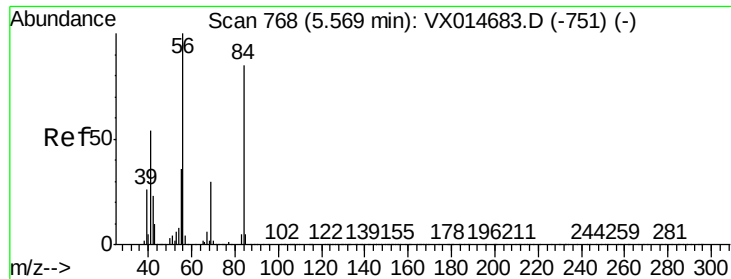
Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	83	Resp:	390897
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.7	77.5





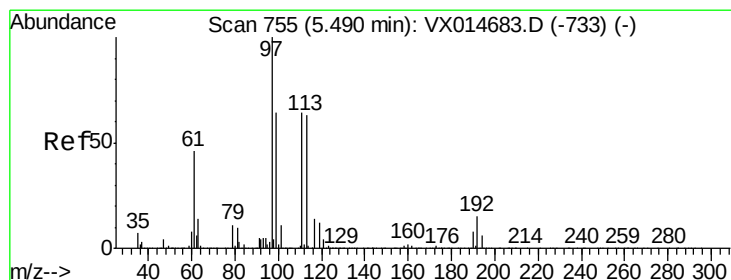
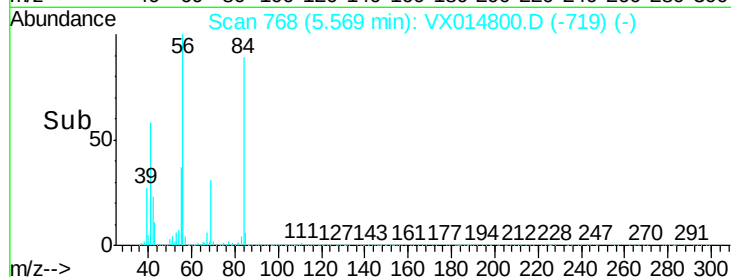
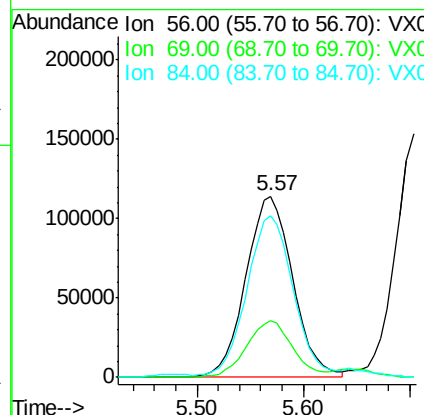
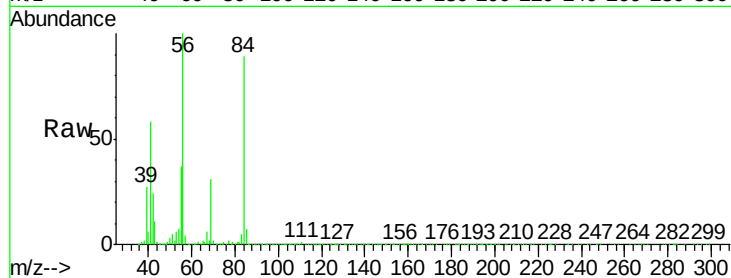
#31
Cyclohexane
Concen: 42.666 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.4	35.2
84	88.2	68.4	102.6

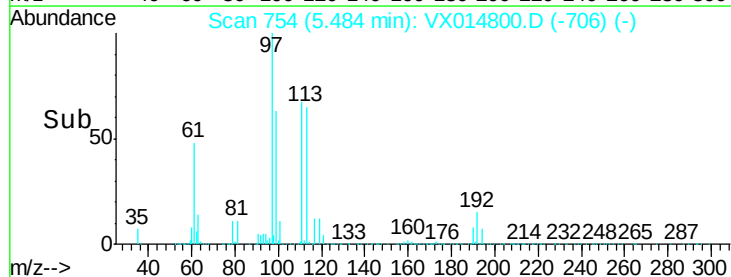
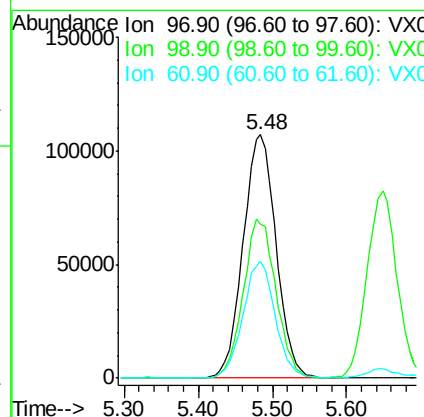
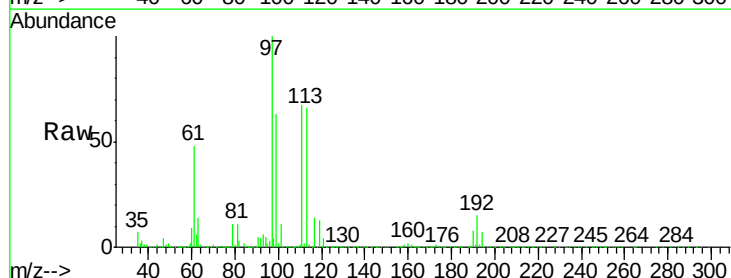
Manual Integrations
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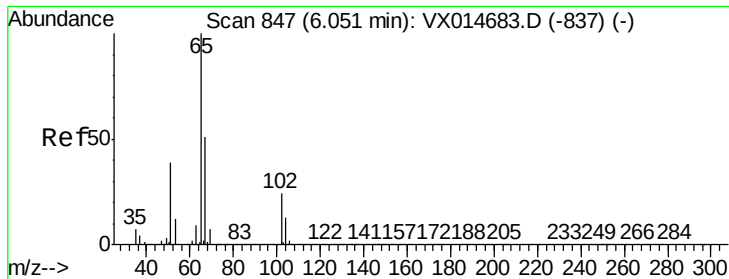
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#32
1,1,1-Trichloroethane
Concen: 45.536 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	47.1	37.2	55.8





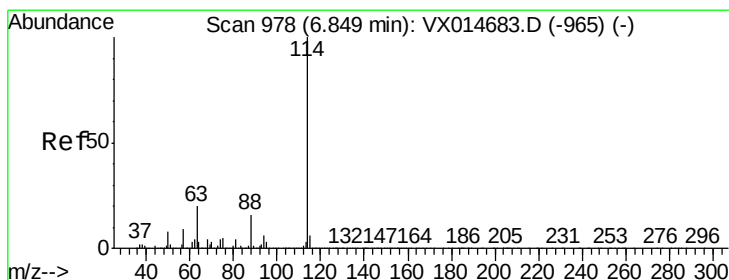
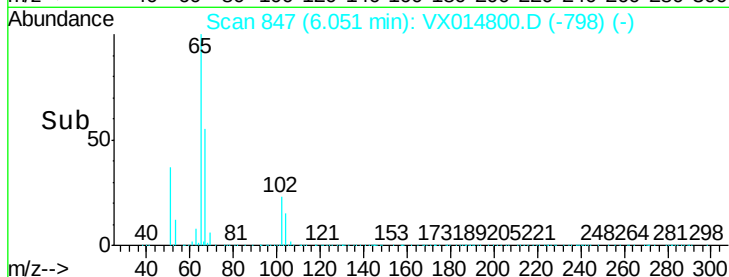
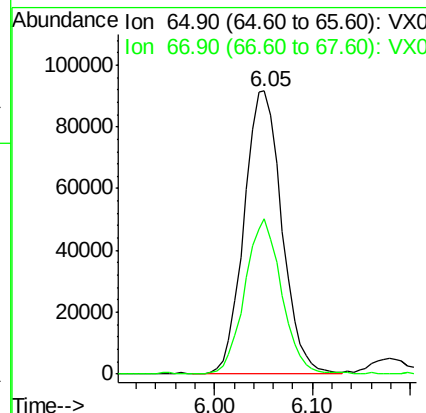
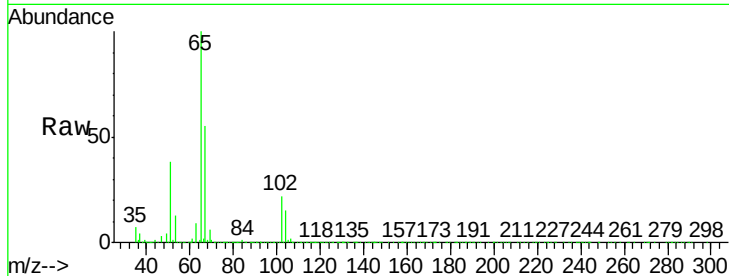
#33
 1,2-Dichloroethane-d4
 Concen: 46.231 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	243681		
67	53.4	0.0	107.4	

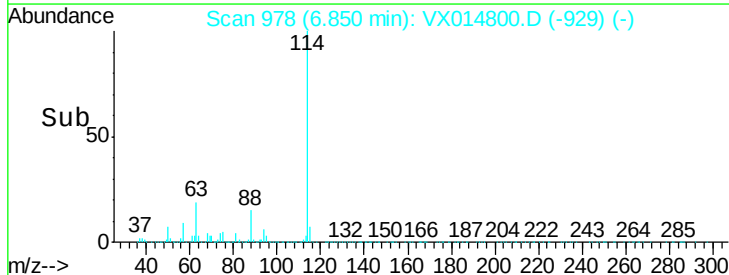
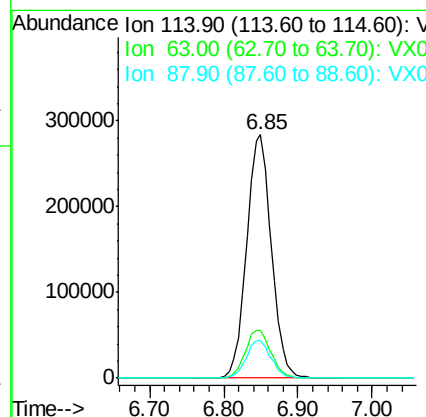
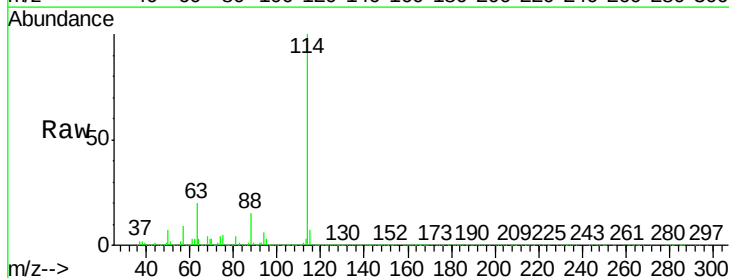
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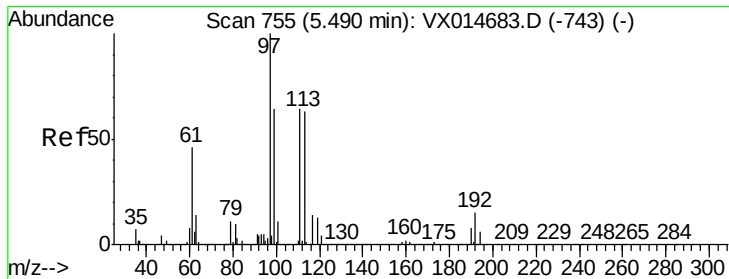
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	661443		
63	19.5	0.0	40.6	
88	15.2	0.0	31.2	





#35

Dibromofluoromethane

Concen: 48.120 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

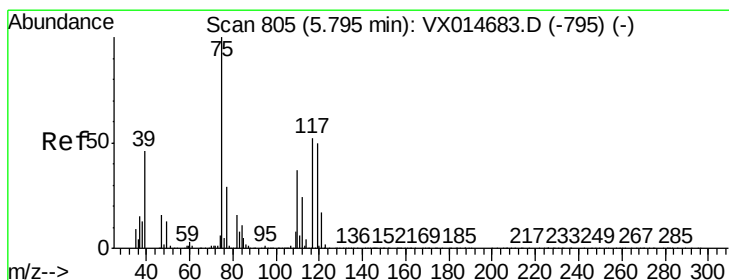
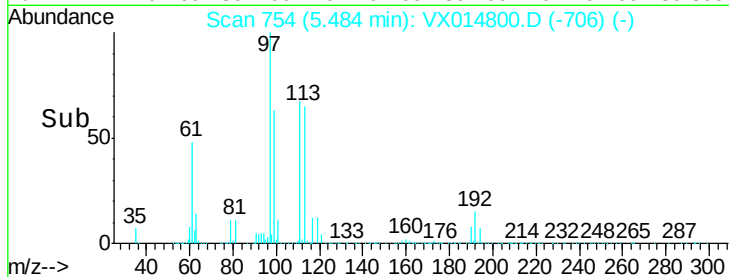
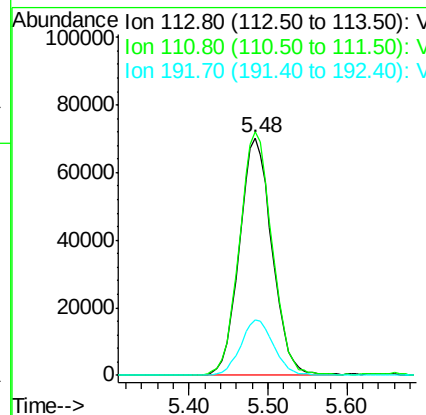
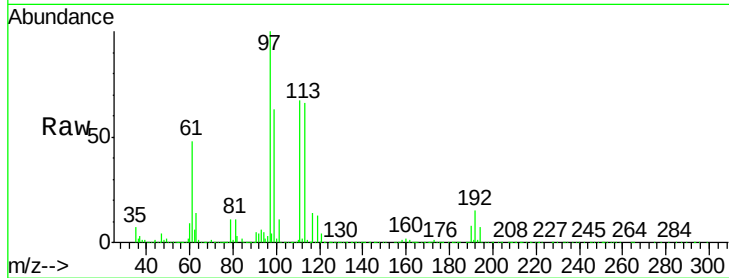
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	200838
Ion Ratio	Lower	Upper	
113	100		
111	102.5	80.7	121.1
192	23.5	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.004 ug/l

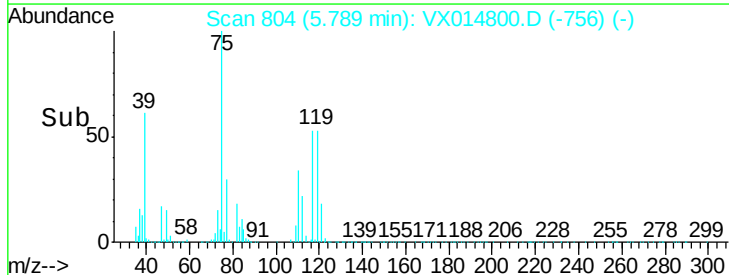
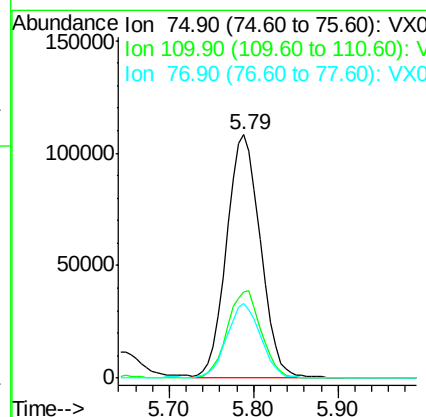
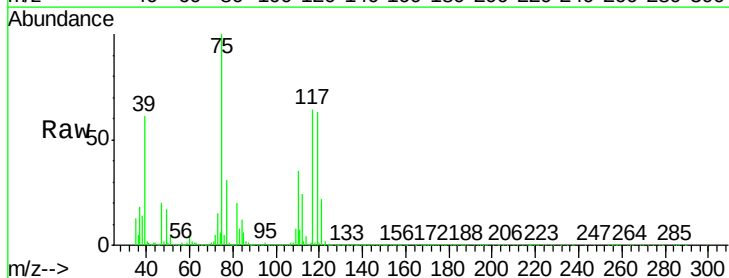
RT: 5.79 min Scan# 804

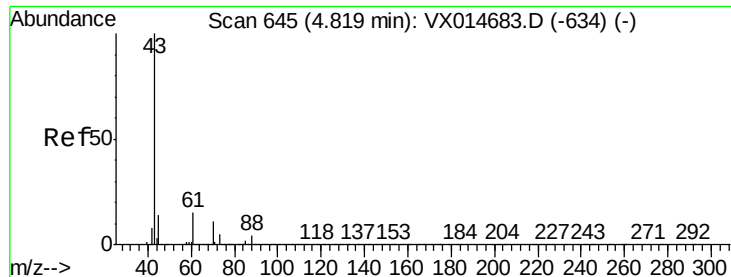
Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	75	Resp:	295037
Ion Ratio	Lower	Upper	
75	100		
110	35.9	17.9	53.7
77	30.3	24.1	36.1





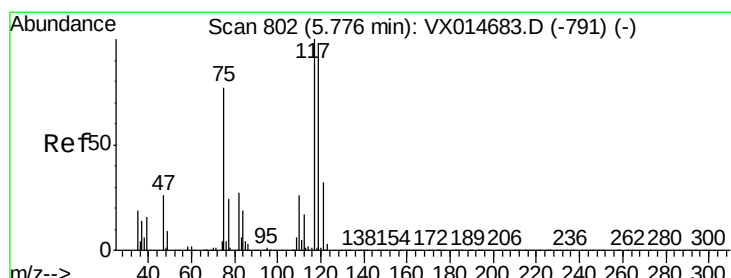
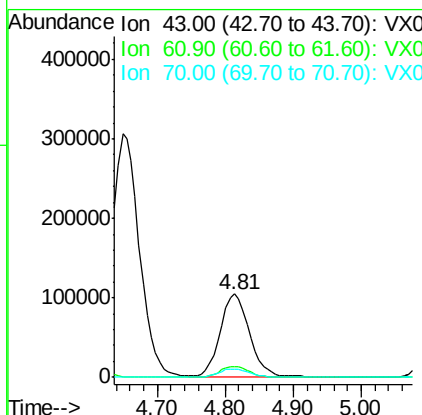
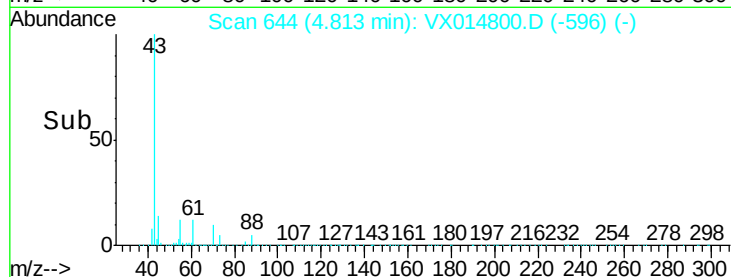
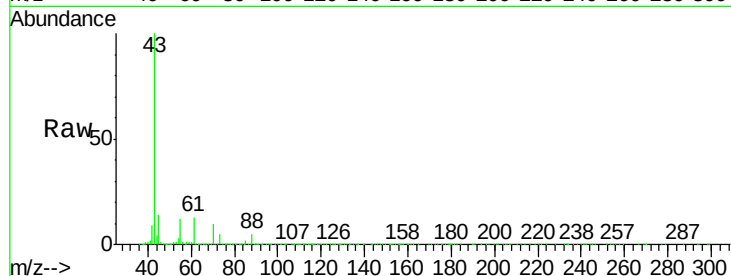
#37
Ethyl Acetate
Concen: 44.205 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	10.4	8.5	12.7

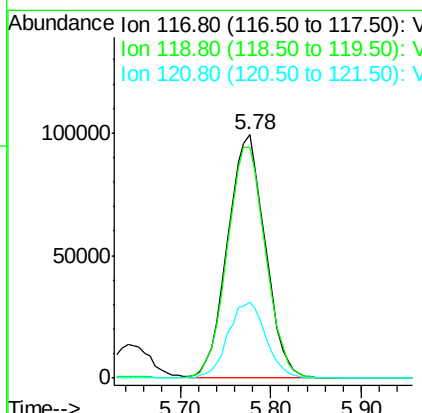
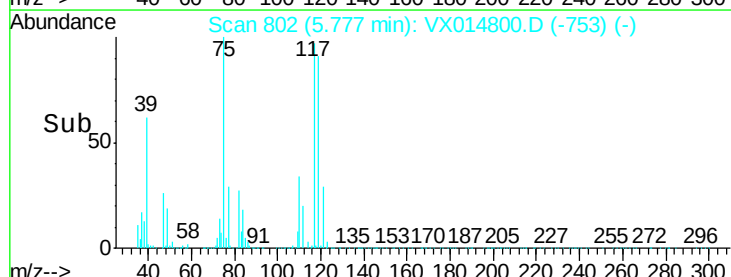
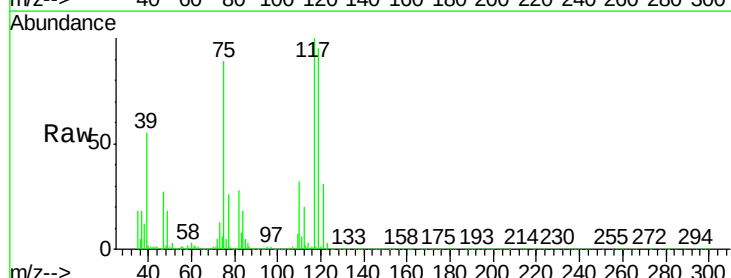
Manual Integrations
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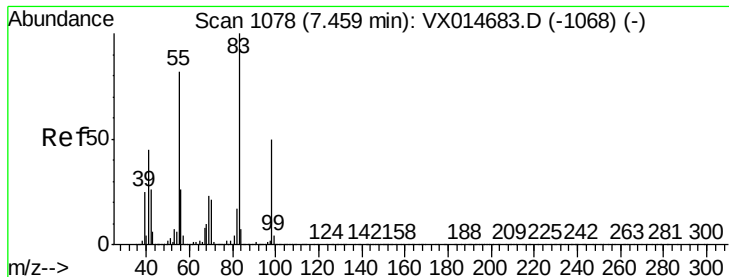
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#38
Carbon Tetrachloride
Concen: 48.481 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.9	116.9
121	31.1	25.4	38.2





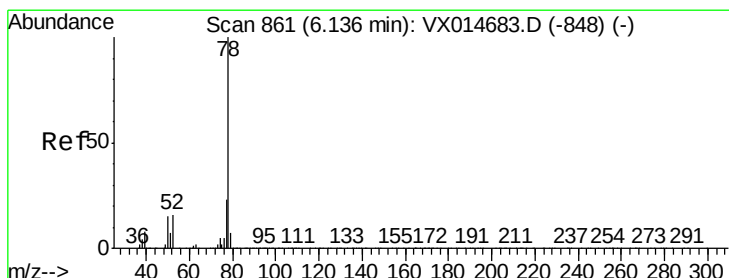
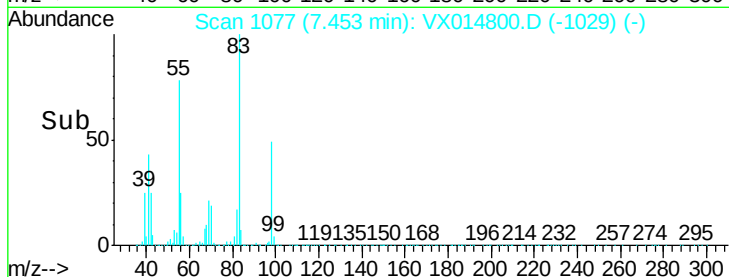
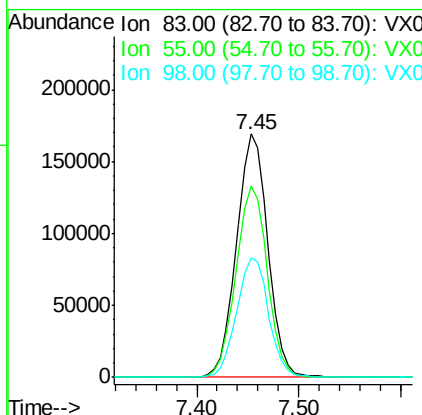
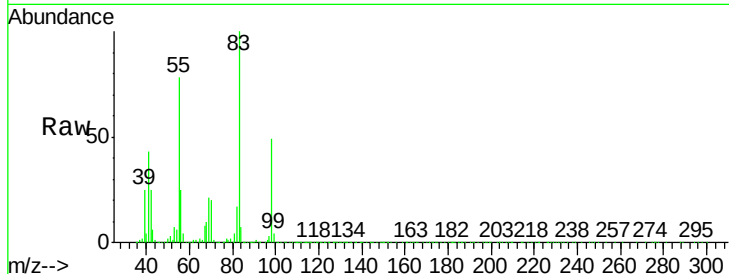
#39
Methylvlcyclohexane
Concen: 46.577 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.1	65.6	98.4	
98	48.9	40.2	60.4	

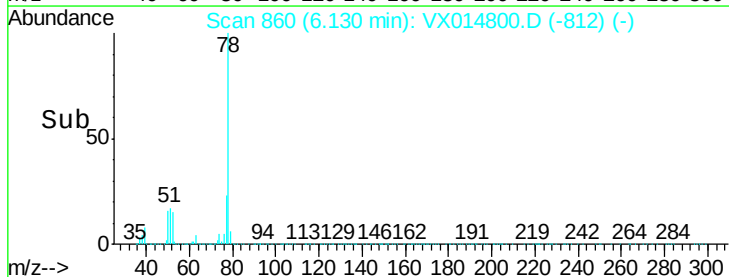
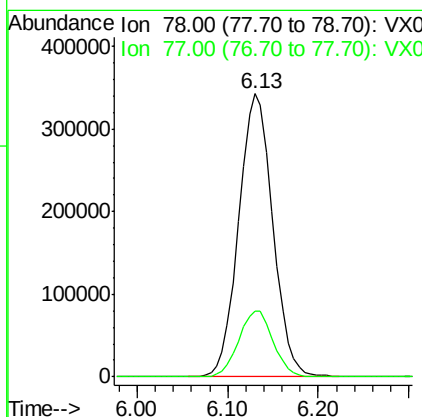
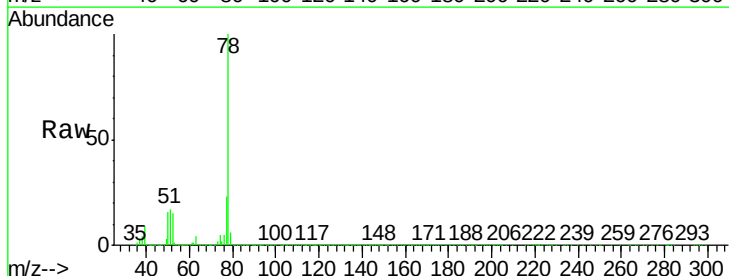
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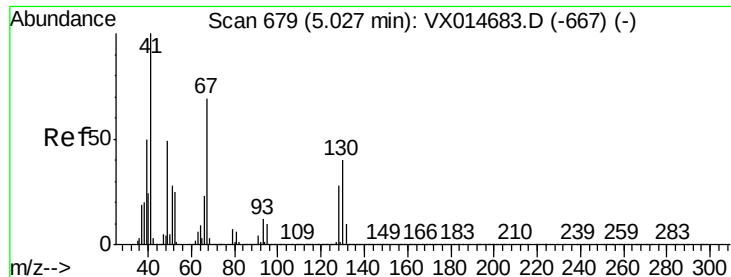
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#40
Benzene
Concen: 46.831 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	18.7	28.1	





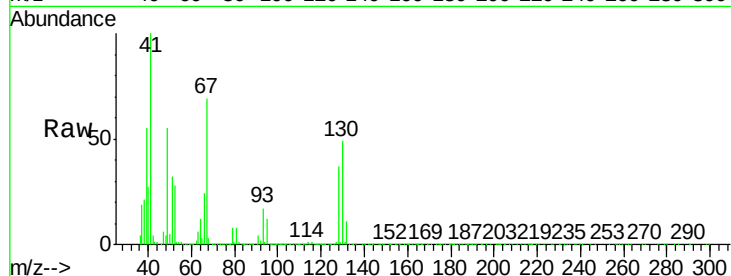
#41
Methacrylonitrile
Concen: 43.849 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

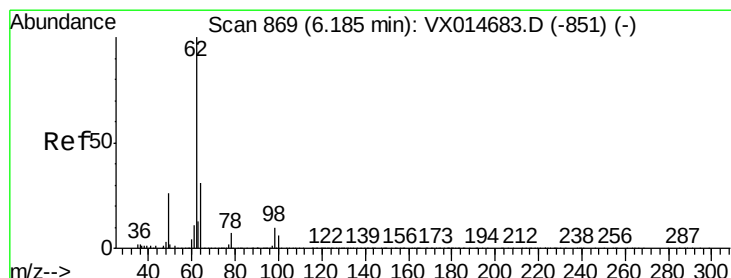
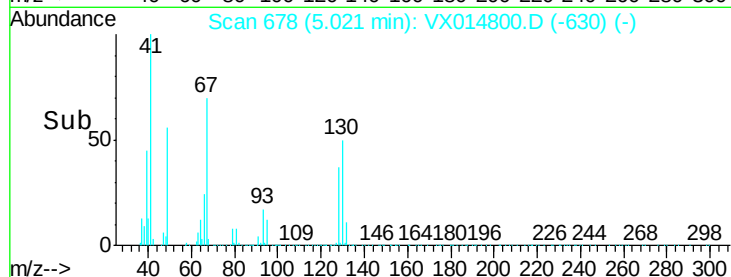
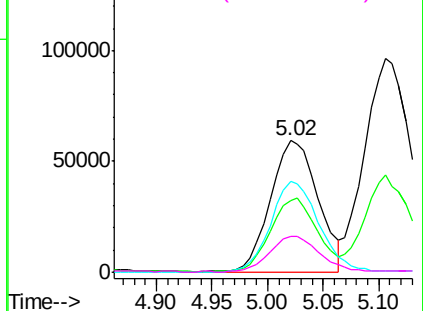
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		176225		
39	54.3	42.2	63.2		
67	70.7	55.4	83.0		
52	28.4	22.1	33.1		

Manual Integrations
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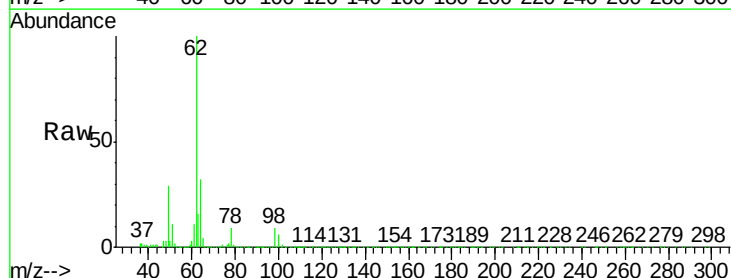


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

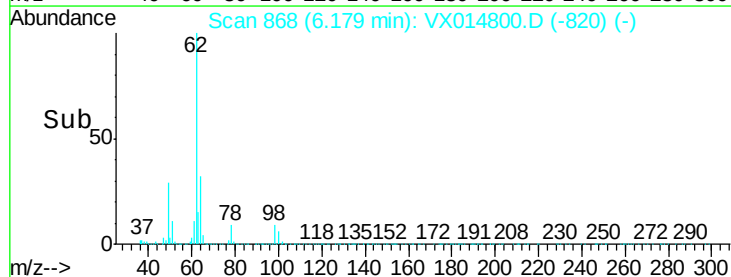
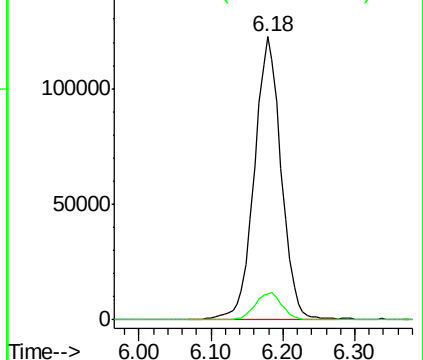


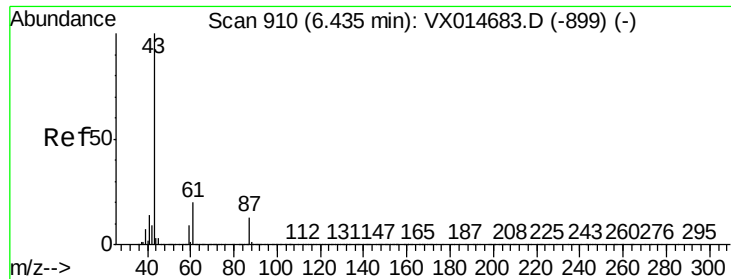
#42
1,2-Dichloroethane
Concen: 48.041 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		315042		
98	10.0	0.0	20.0		



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





#43

Isopropyl Acetate

Concen: 45.342 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

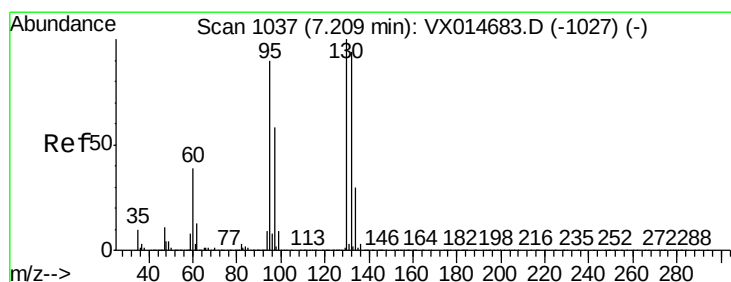
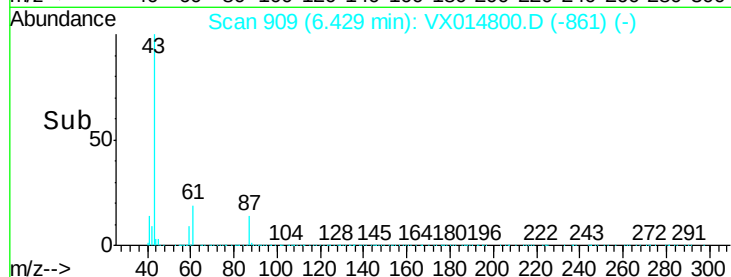
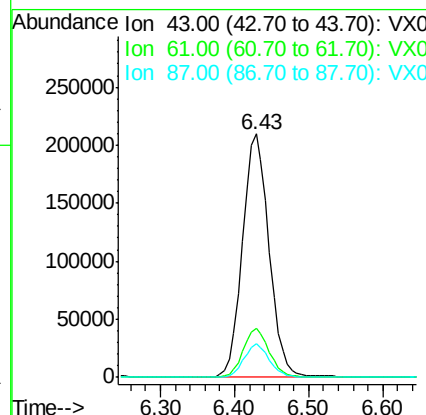
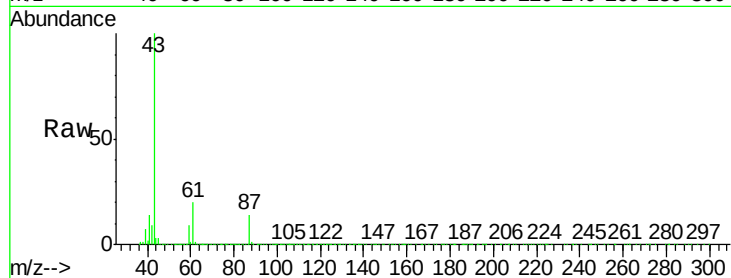
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	522668
Ion Ratio	Lower	Upper	
43	100		
61	19.5	16.2	24.4
87	13.2	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 45.829 ug/l

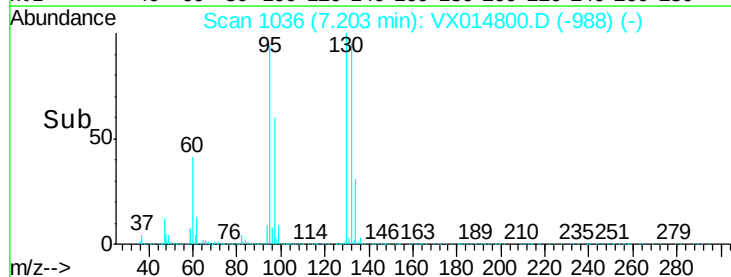
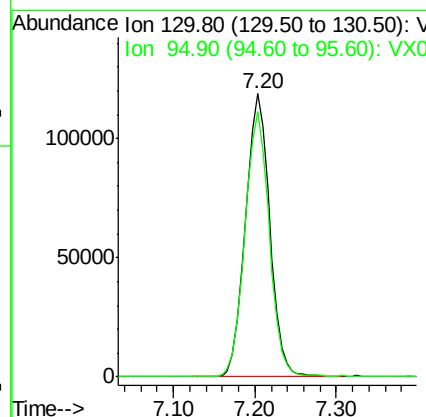
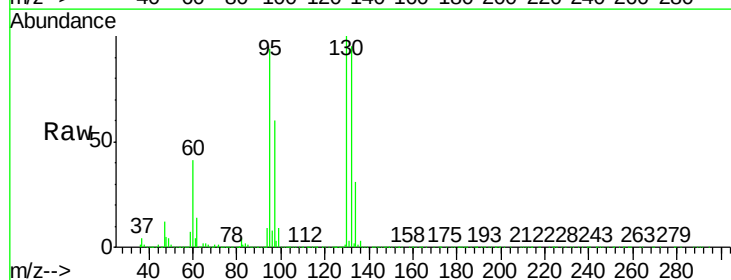
RT: 7.20 min Scan# 1036

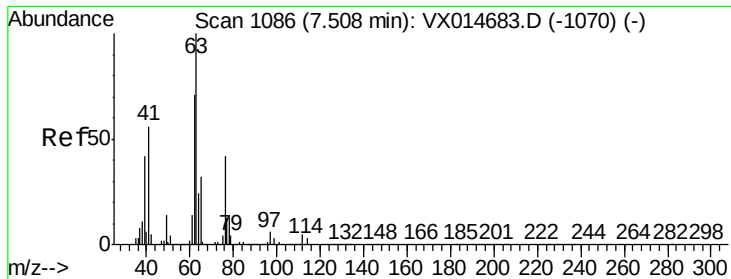
Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	130	Resp:	245827
Ion Ratio	Lower	Upper	
130	100		
95	93.5	0.0	179.8





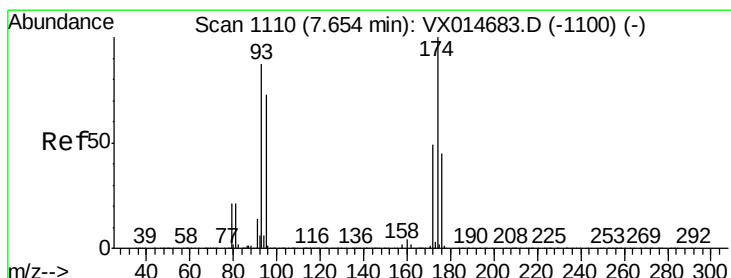
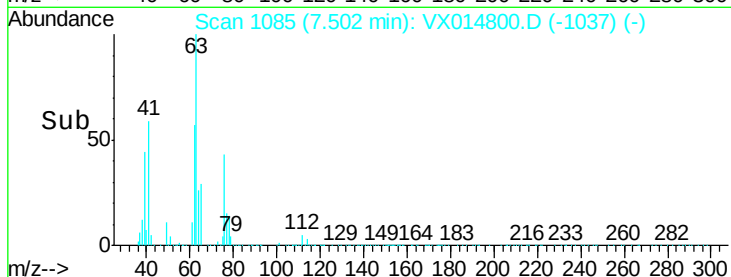
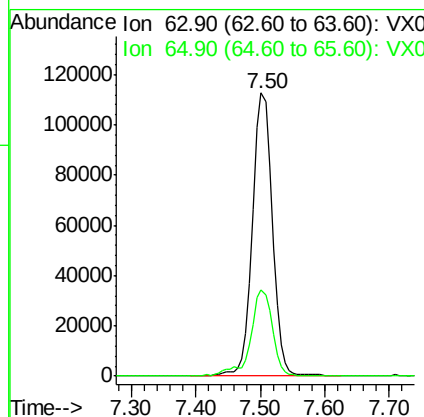
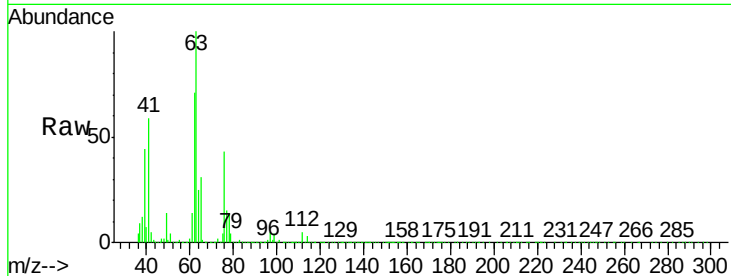
#45
 1,2-Dichloropropane
 Concen: 48.178 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.2	37.8

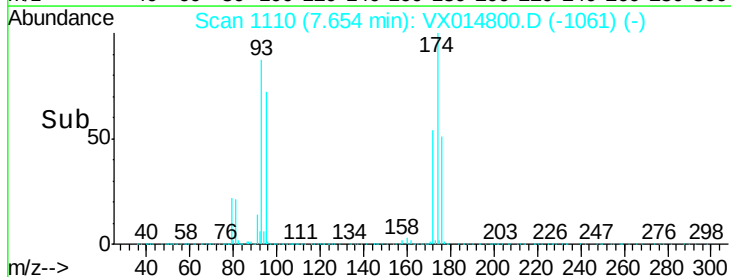
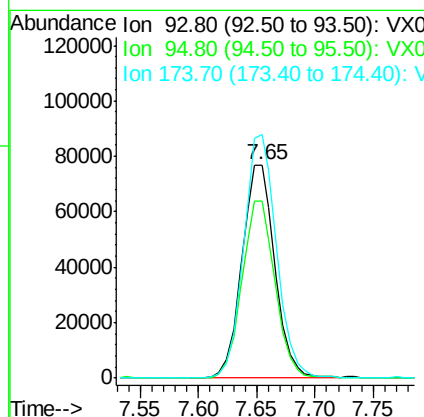
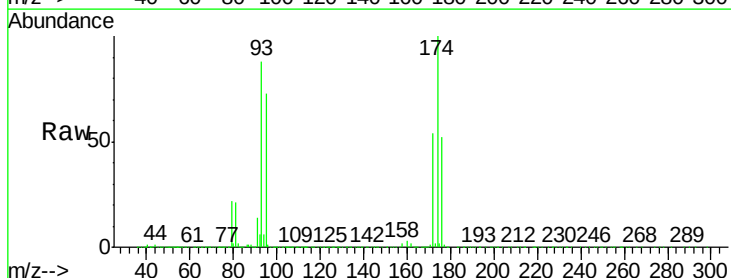
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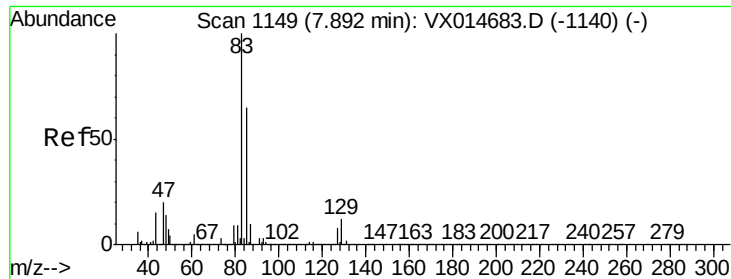
MMDadoda
 2/5/2020 12:25:26 PM



#46
 Dibromomethane
 Concen: 47.603 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.0	100.4
174	114.2	90.2	135.2





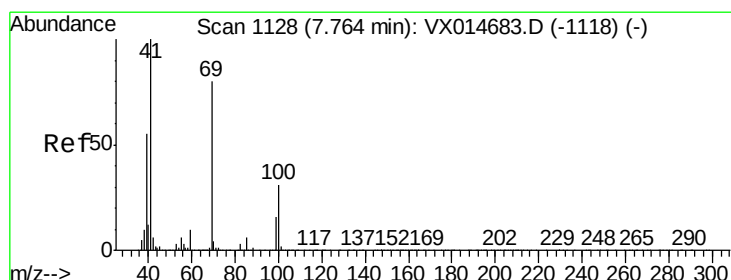
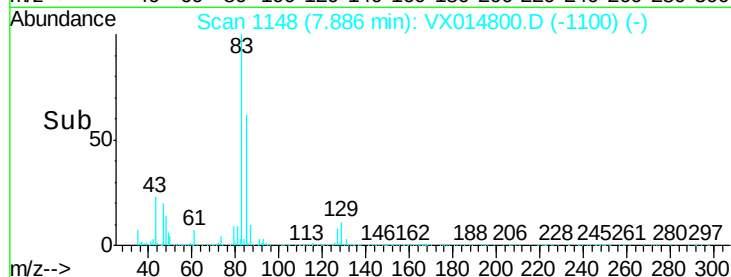
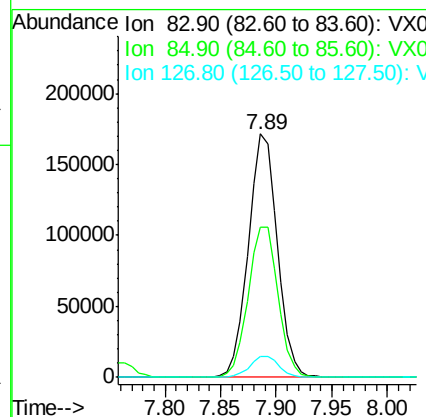
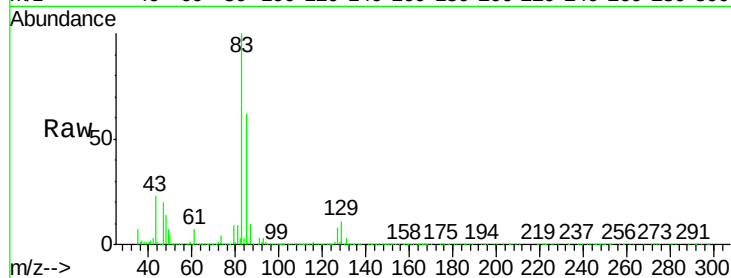
#47
 Bromodichloromethane
 Concen: 49.934 ug/l
 RT: 7.89 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	310314
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	52.2	78.2
127	8.3	6.4	9.6

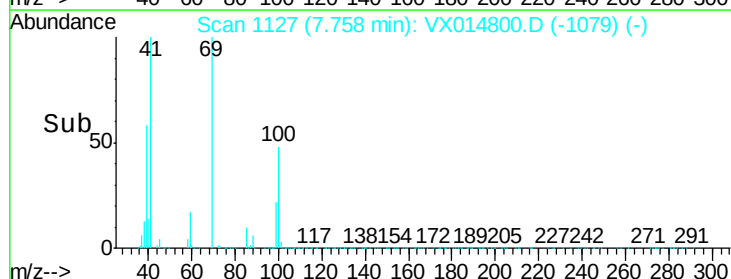
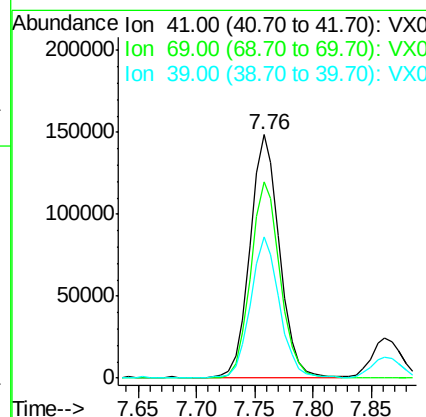
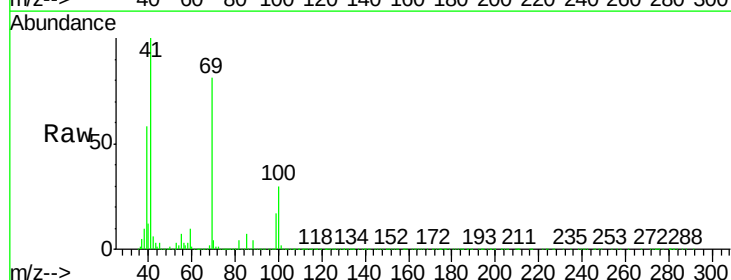
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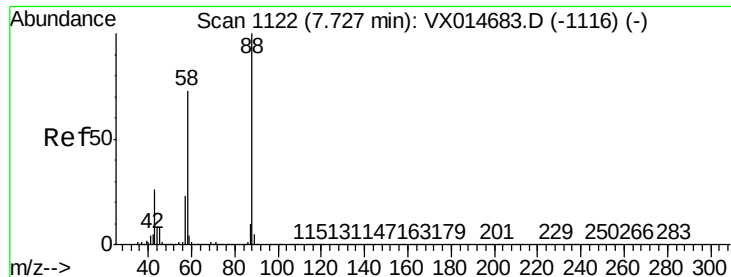
MMDadoda
 2/5/2020 12:25:26 PM



#48
 Methyl methacrylate
 Concen: 47.335 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	41	Resp	260707
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
41	100		
69	81.8	63.5	95.3
39	57.1	43.7	65.5





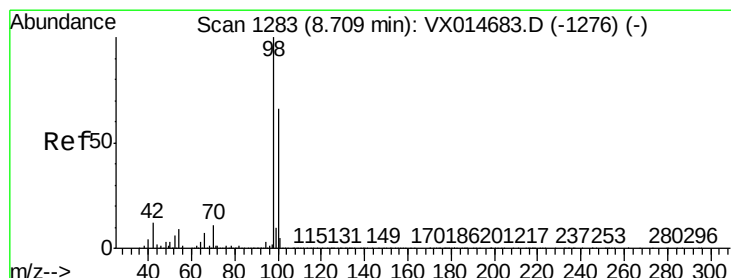
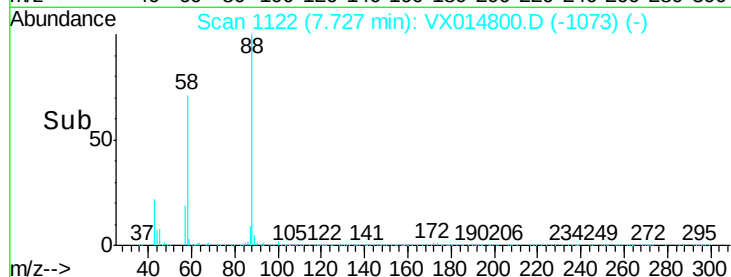
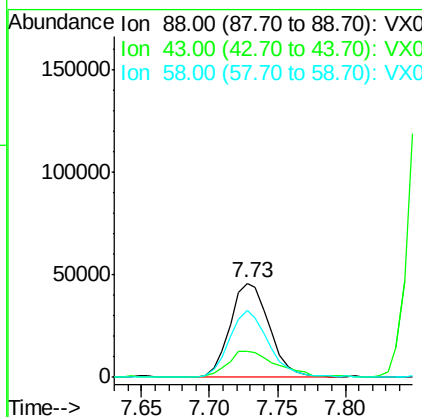
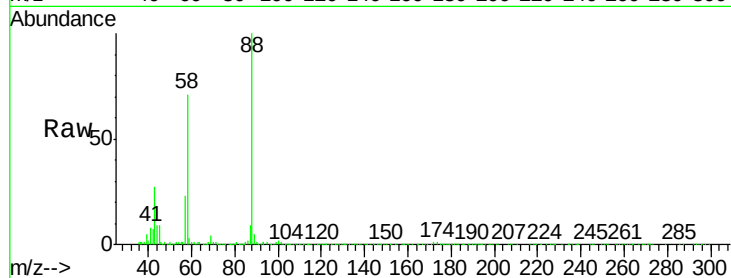
#49
1,4-Dioxane
Concen: 778.580 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.2	39.2
58	71.4	56.6	85.0

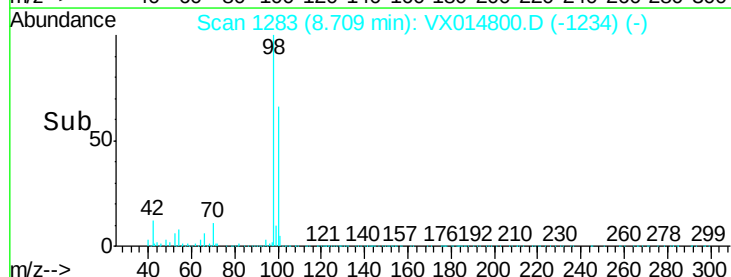
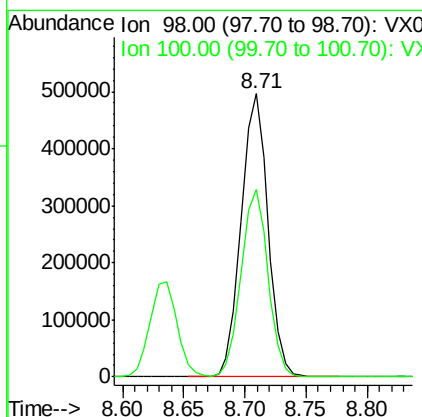
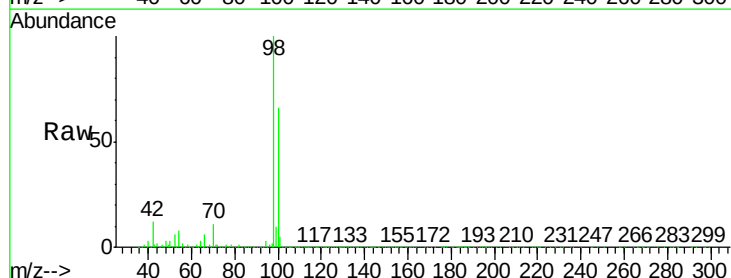
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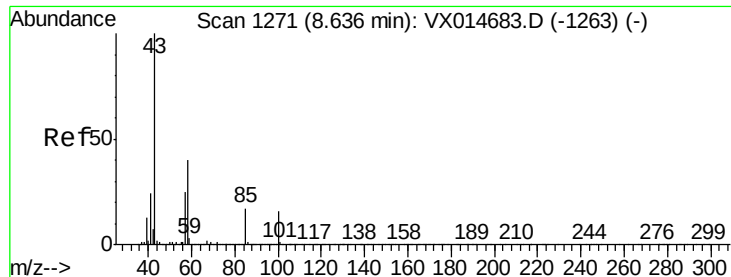
MMDadoda
2/5/2020 12:25:26 PM



#50
Toluene-d8
Concen: 46.955 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 223.286 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1624504

Ion Ratio Lower Upper

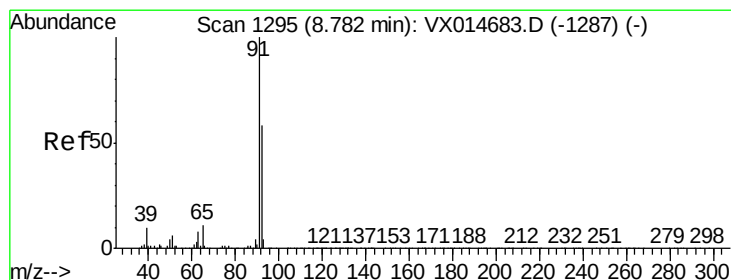
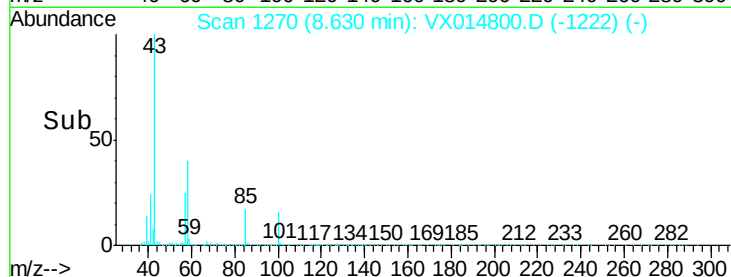
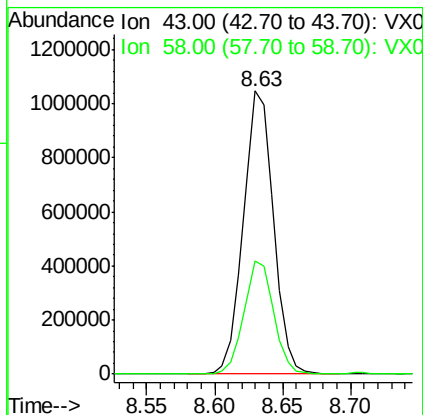
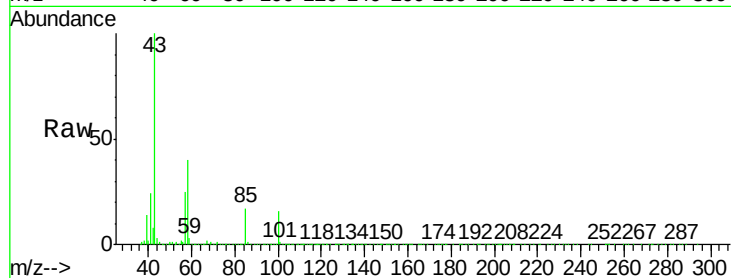
43 100

58 39.6 31.6 47.4

Manual Integrations
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#52

Toluene

Concen: 48.443 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014800.D

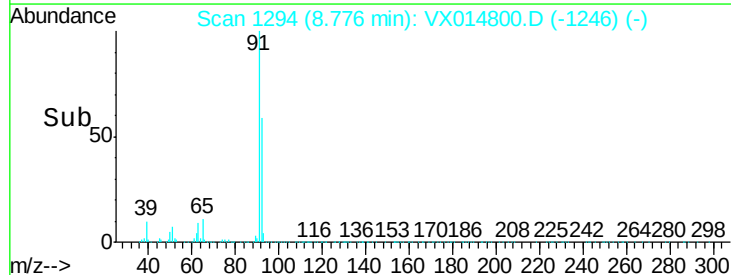
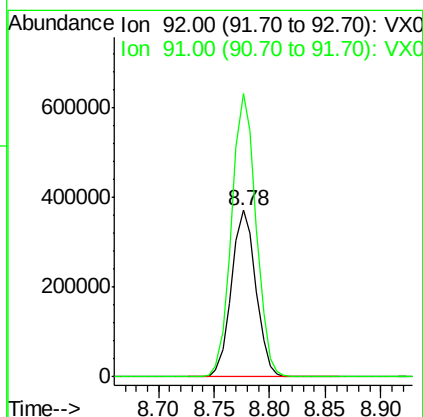
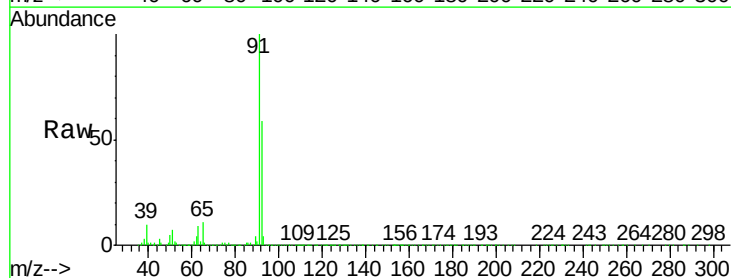
Acq: 04 Feb 2020 10:19

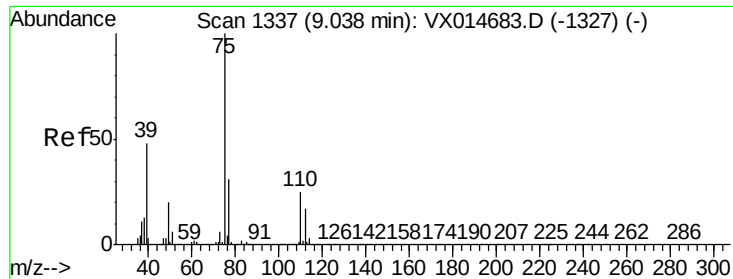
Tgt Ion: 92 Resp: 565499

Ion Ratio Lower Upper

92 100

91 170.2 135.9 203.9





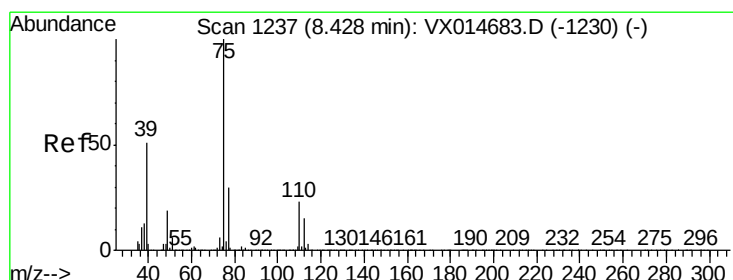
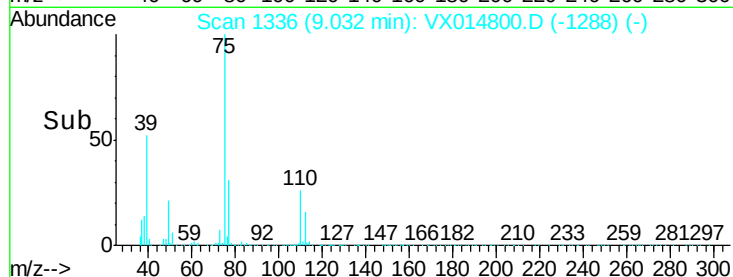
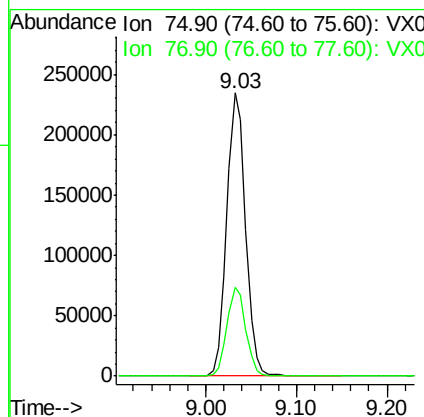
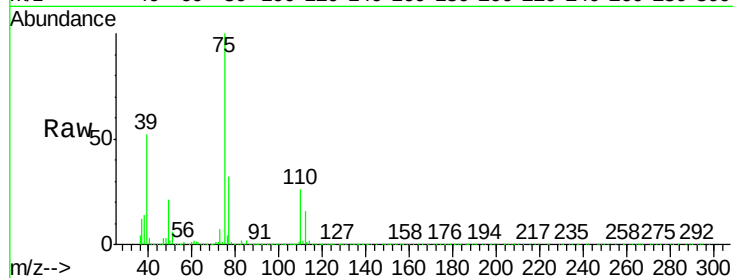
#53
t-1,3-Dichloropropene
Concen: 50.563 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3

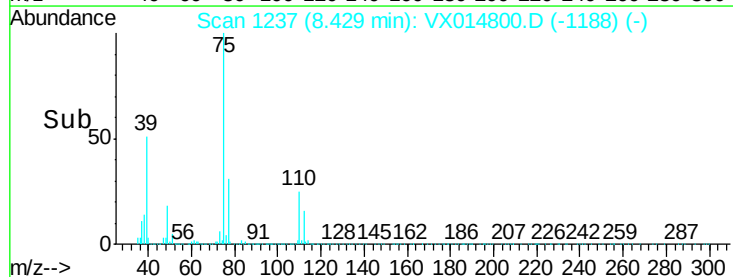
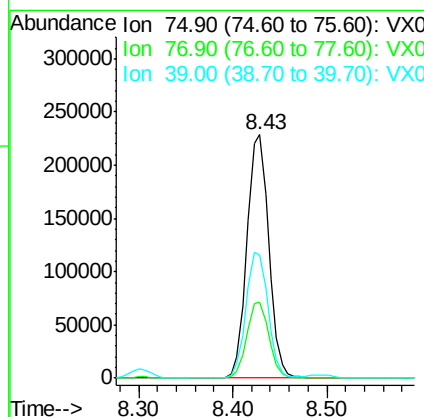
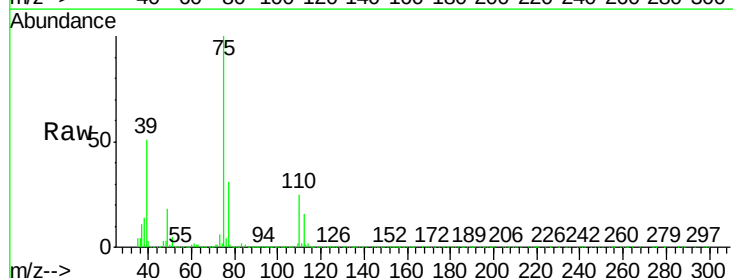
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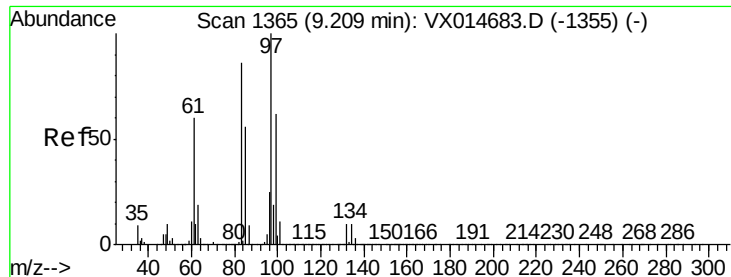
MMDadoda
2/5/2020 12:25:26 PM



#54
cis-1,3-Dichloropropene
Concen: 50.705 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	23.9	35.9
39	50.5	40.9	61.3





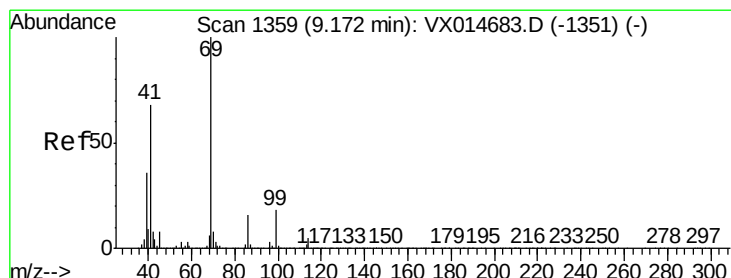
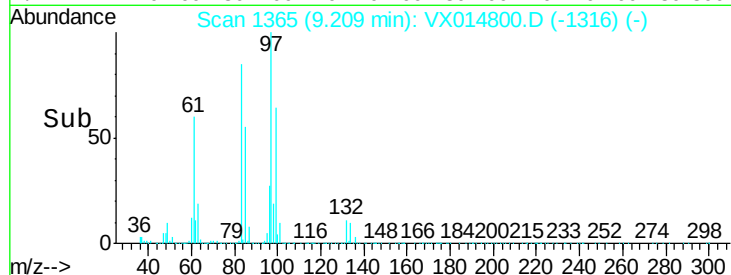
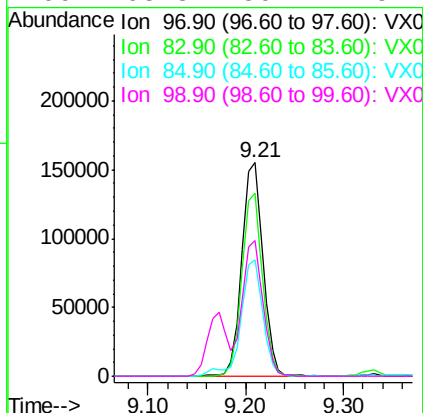
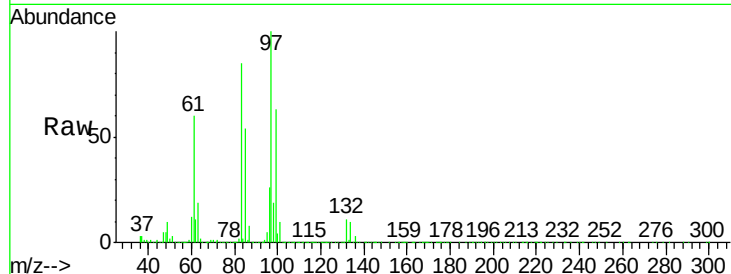
#55
 1,1,2-Trichloroethane
 Concen: 48.993 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	234153
Ion Ratio	Lower	Upper	
97	100		
83	85.4	69.2	103.8
85	54.4	44.6	67.0
99	63.3	50.1	75.1

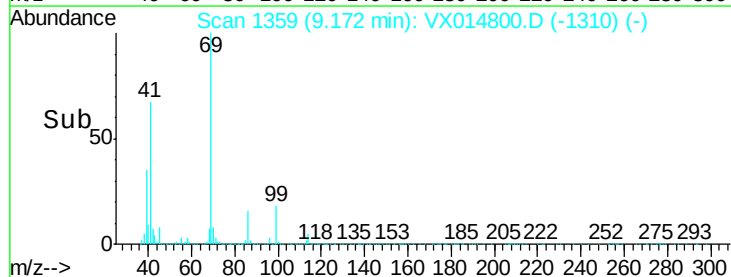
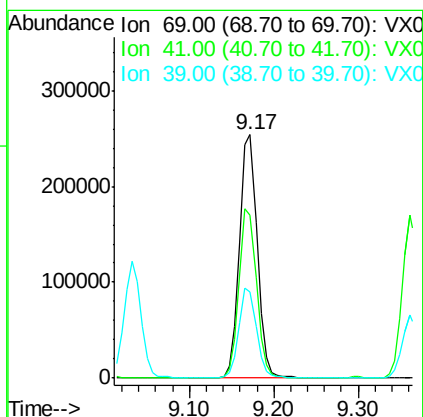
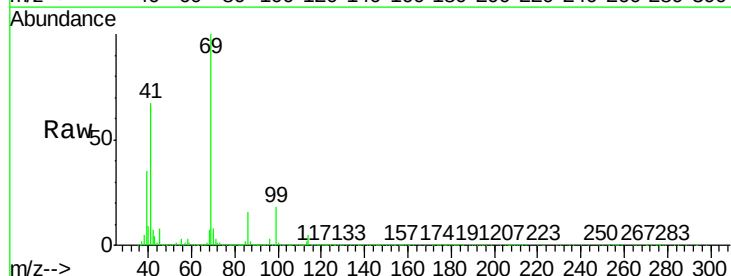
Manual Integrations
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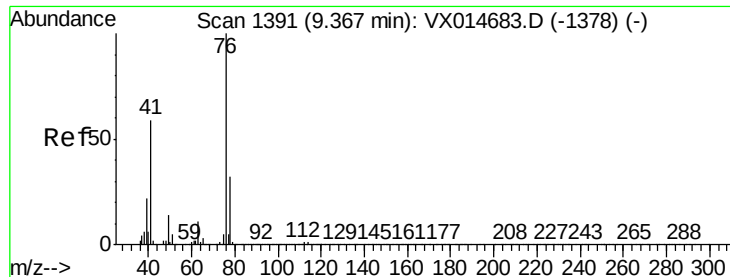
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 2/5/2020 12:25:26 PM



#56
 Ethyl methacrylate
 Concen: 44.201 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion:	69	Resp:	356401
Ion Ratio	Lower	Upper	
69	100		
41	69.4	54.9	82.3
39	36.5	29.3	43.9





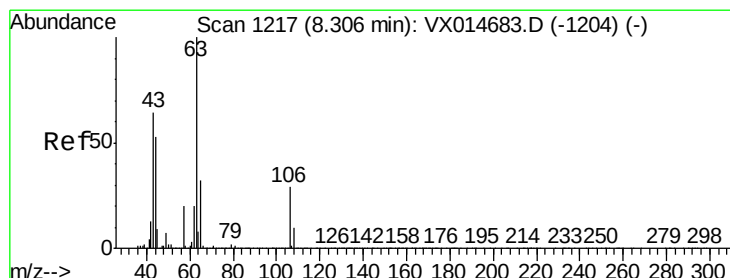
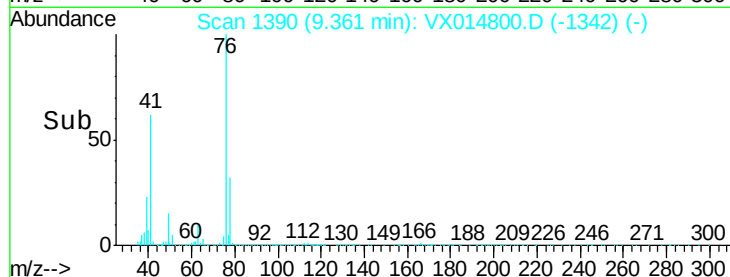
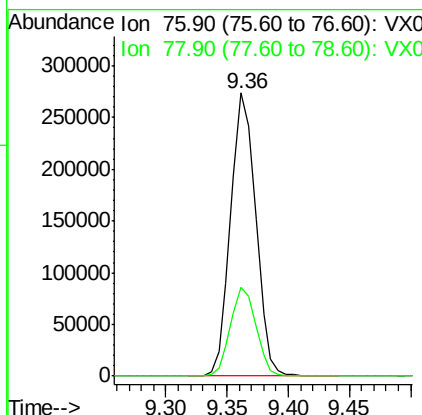
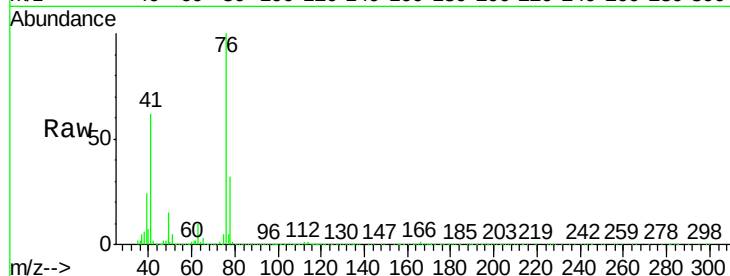
#57
 1,3-Dichloropropane
 Concen: 47.775 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

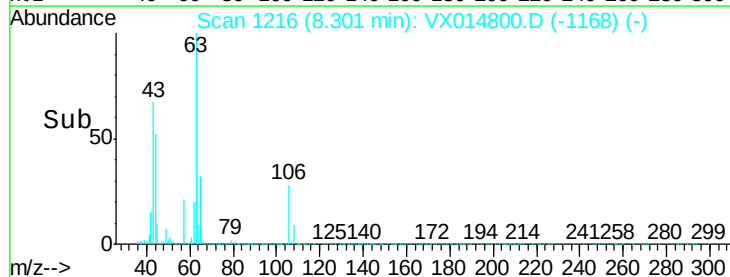
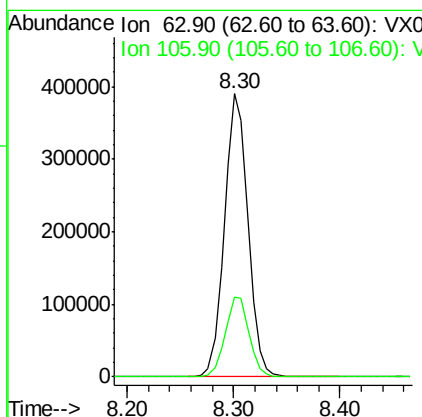
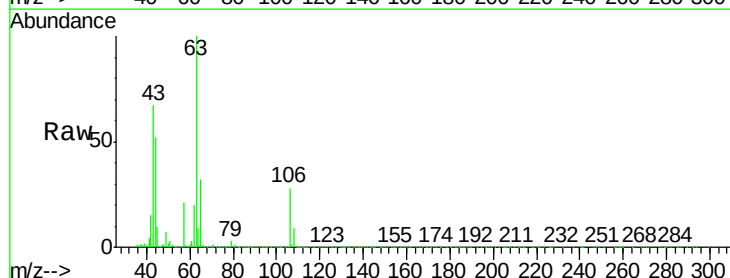
Manual Integrations
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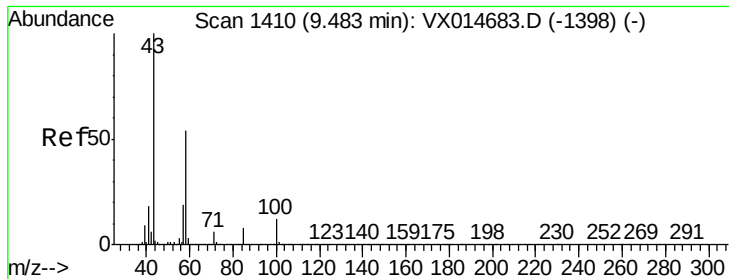
MMDadoda
 2/5/2020 12:25:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.545 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.7	34.1





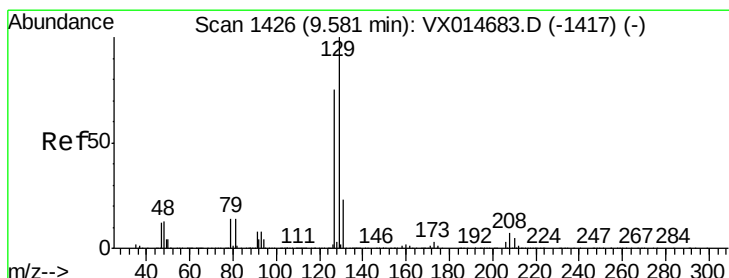
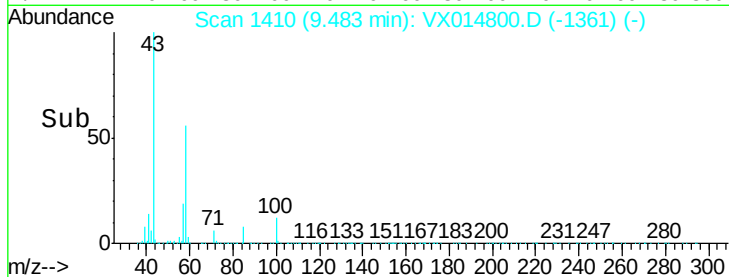
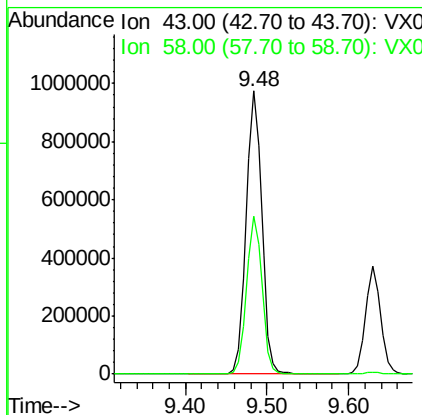
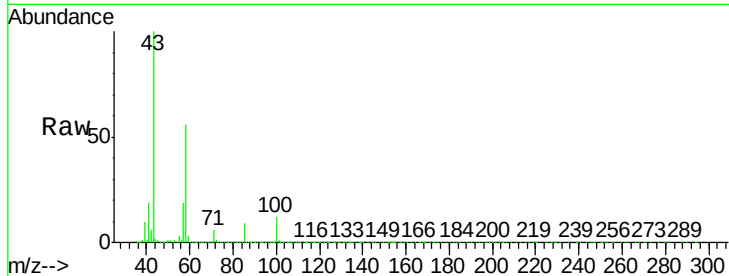
#59
2-Hexanone
Concen: 229.801 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1297375
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5

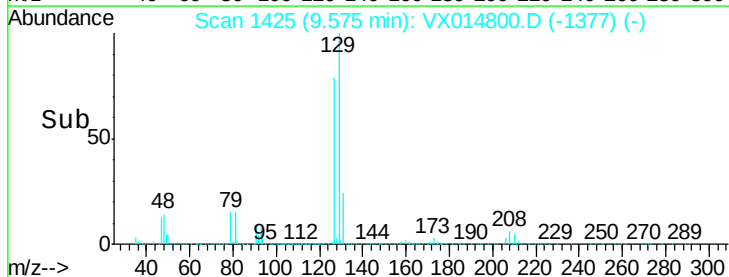
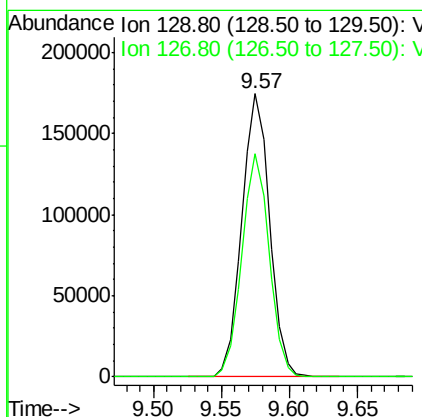
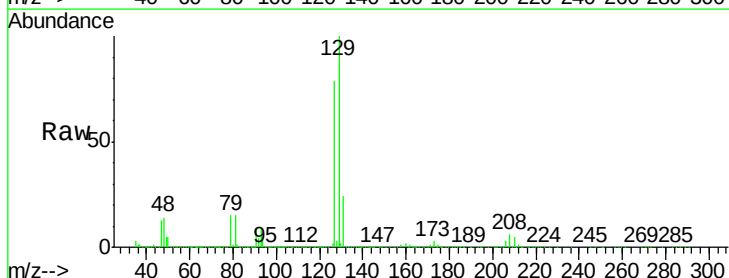
Manual Integrations
APPROVED

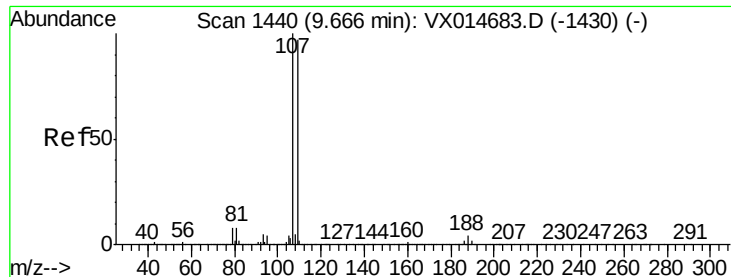
MMDadoda
2/5/2020 12:25:26 PM



#60
Dibromochloromethane
Concen: 50.132 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 129 Resp: 250088
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.090 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 237953

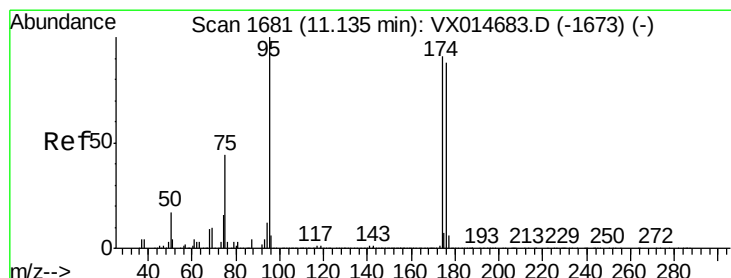
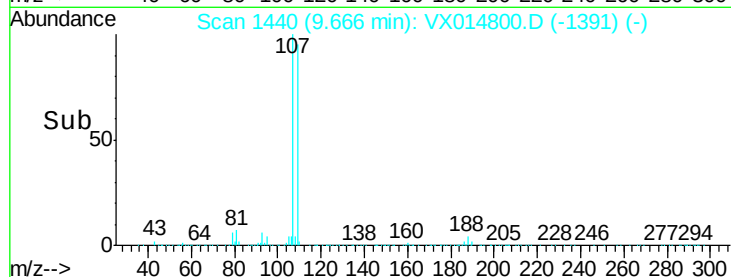
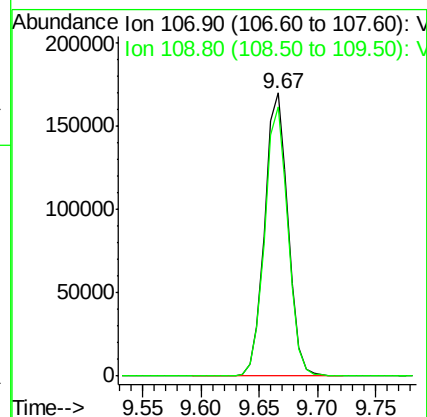
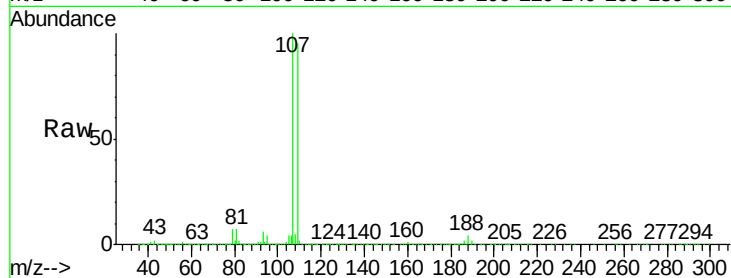
Ion Ratio Lower Upper

107 100

109 95.4 76.2 114.2

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:26 PM



#62

4-Bromofluorobenzene

Concen: 47.506 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

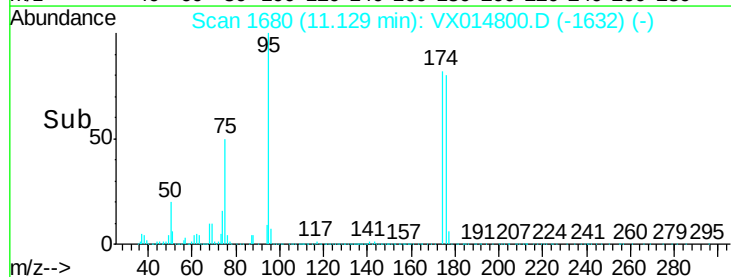
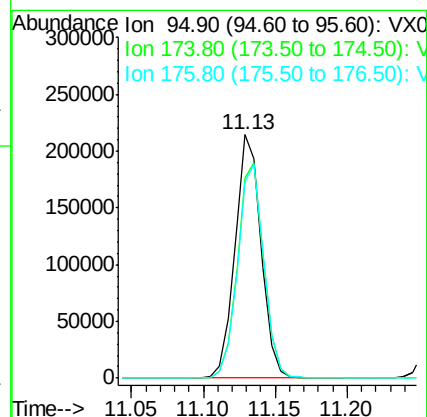
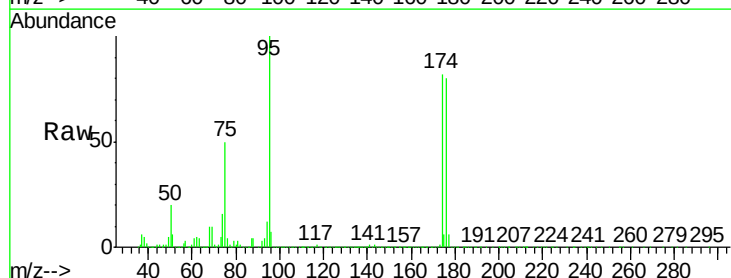
Tgt Ion: 95 Resp: 271531

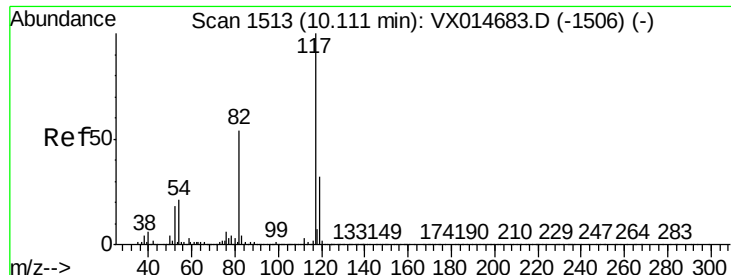
Ion Ratio Lower Upper

95 100

174 88.6 0.0 176.0

176 87.8 0.0 172.2





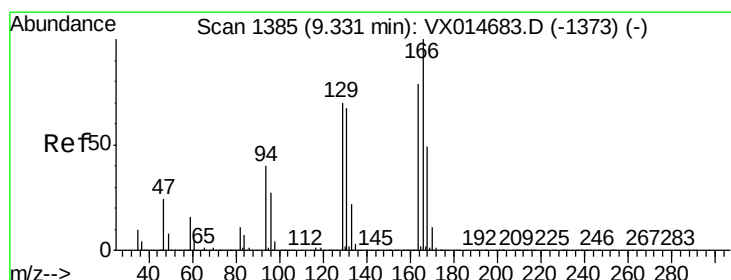
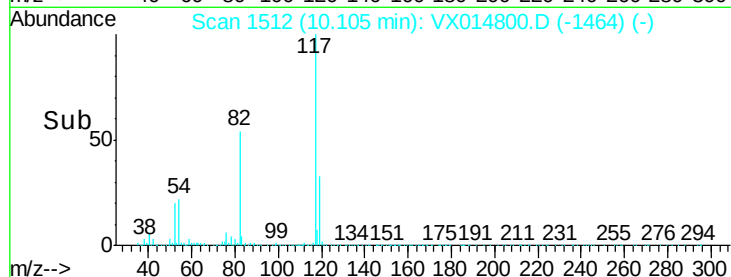
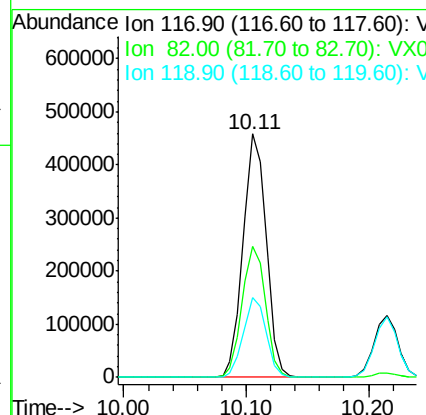
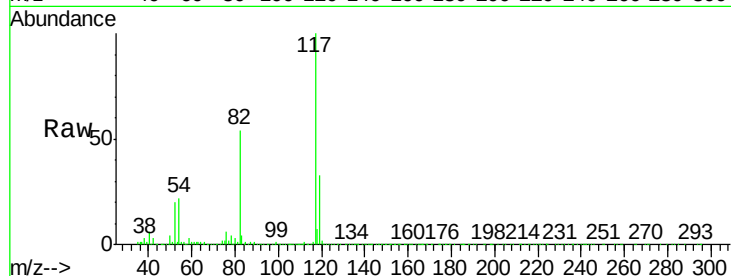
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.0	43.2	64.8
119	32.6	25.8	38.6

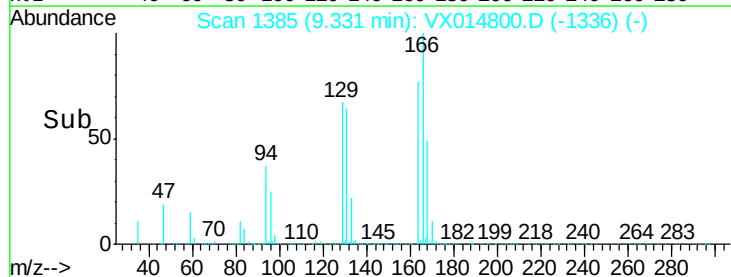
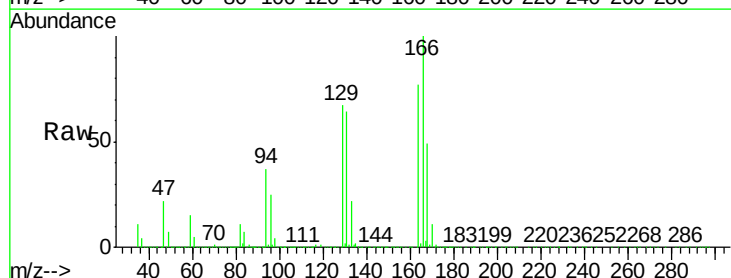
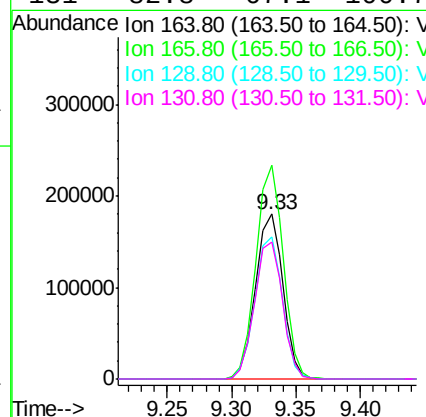
Manual Integrations
APPROVED

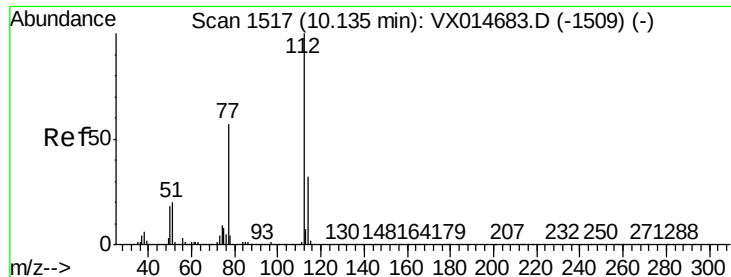
MMDadoda
2/5/2020 12:25:26 PM



#64
Tetrachloroethene
Concen: 44.192 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.6	100.9	151.3
129	86.5	71.0	106.6
131	82.8	67.1	100.7





#65

Chlorobenzene

Concen: 47.733 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 611176

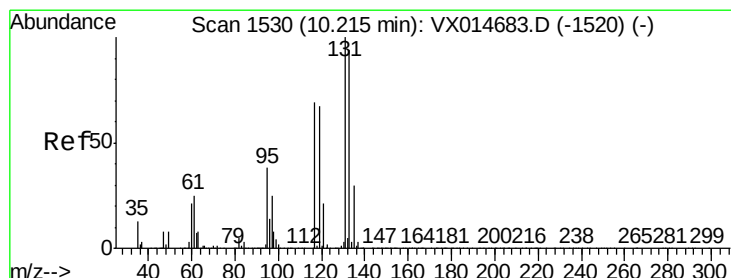
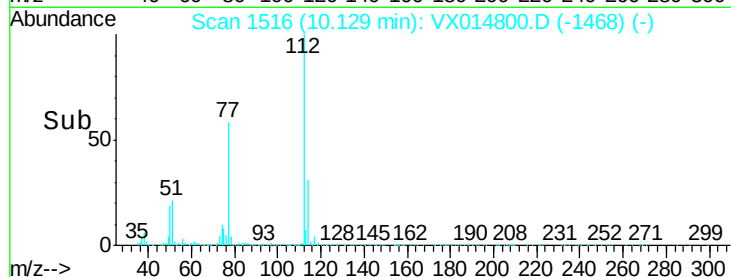
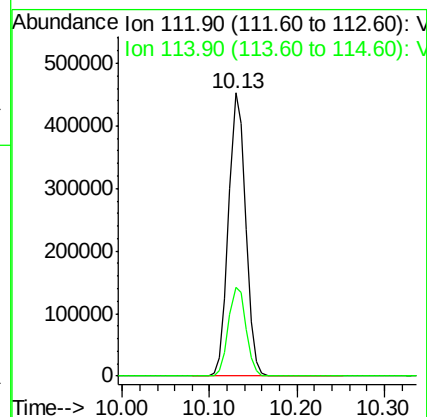
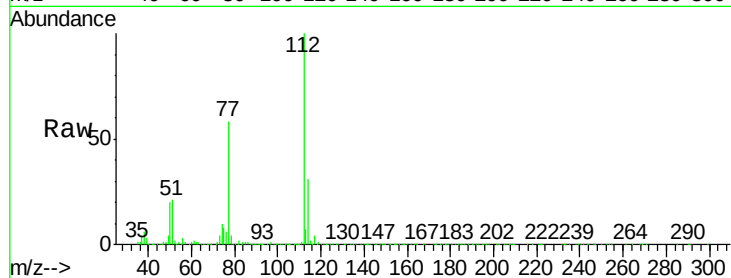
Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 48.826 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

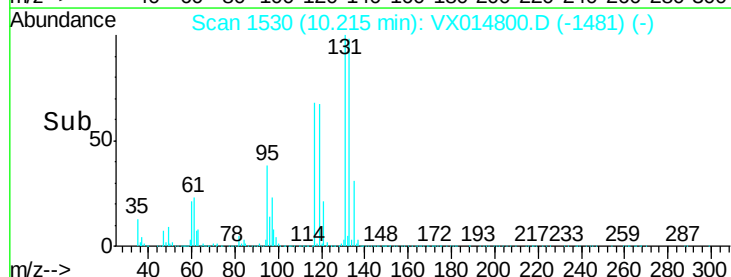
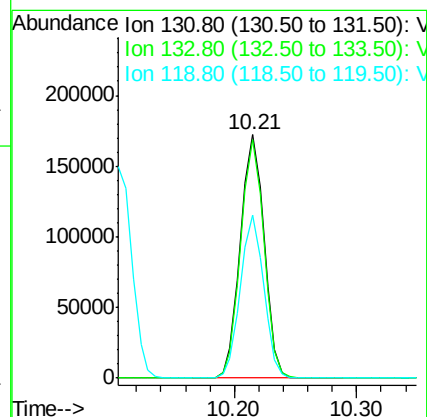
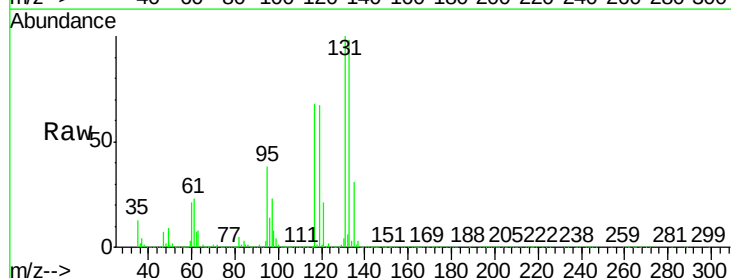
Tgt Ion:131 Resp: 230501

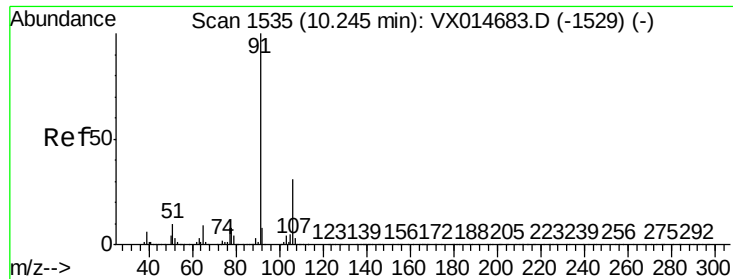
Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.3

119 65.7 33.3 99.8





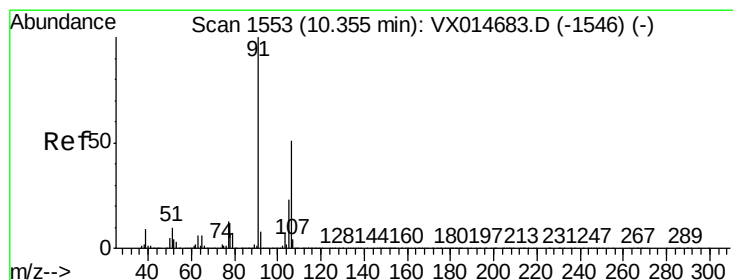
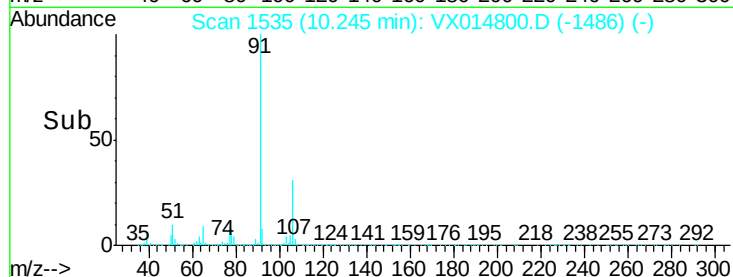
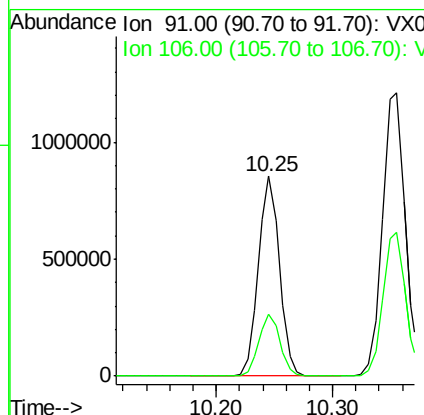
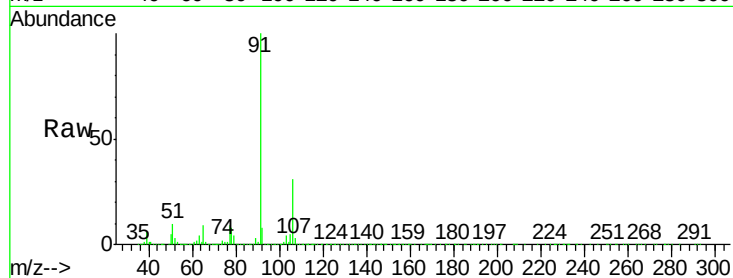
#67
Ethyl Benzene
Concen: 49.618 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1084773
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

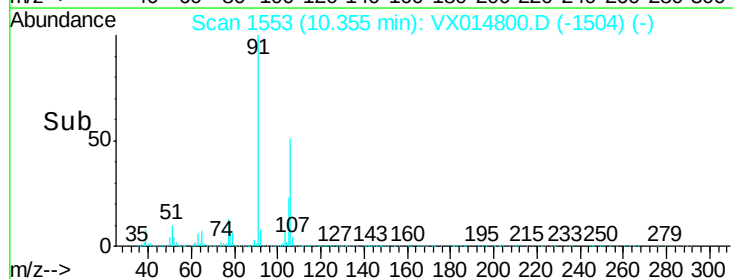
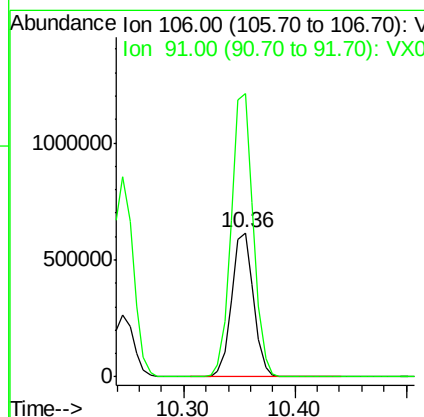
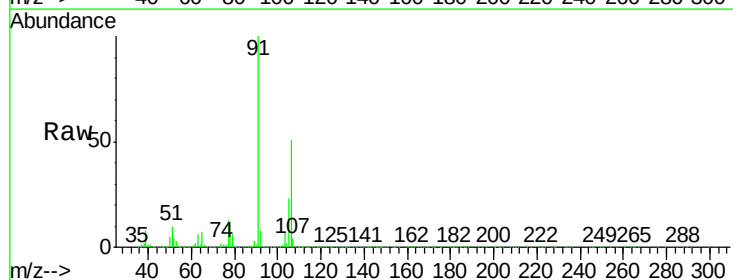
Manual Integrations
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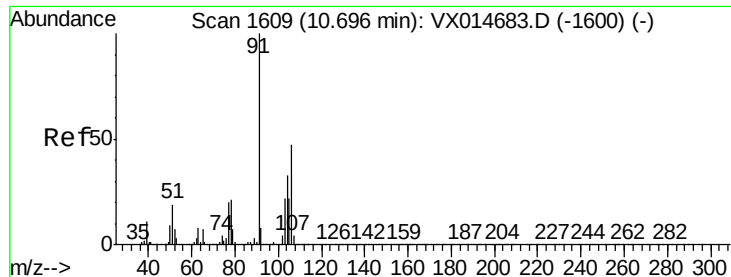
MMDadoda
2/5/2020 12:25:26 PM



#68
m/p-Xylenes
Concen: 100.258 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion: 106 Resp: 830396
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.2





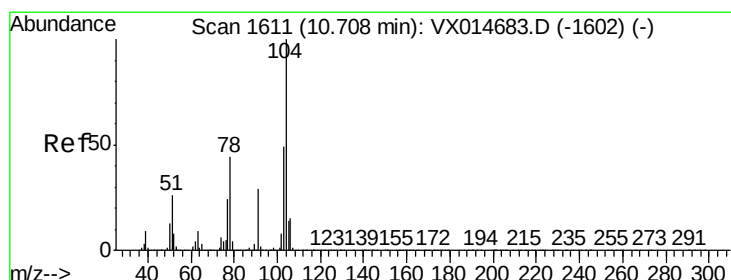
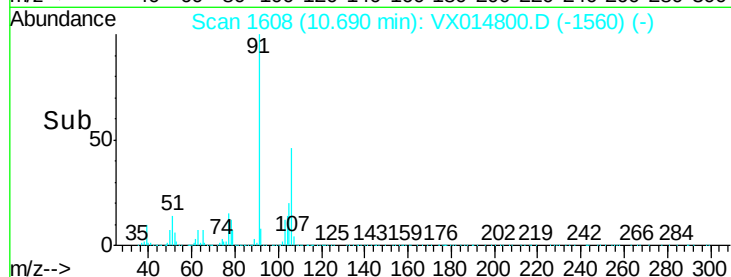
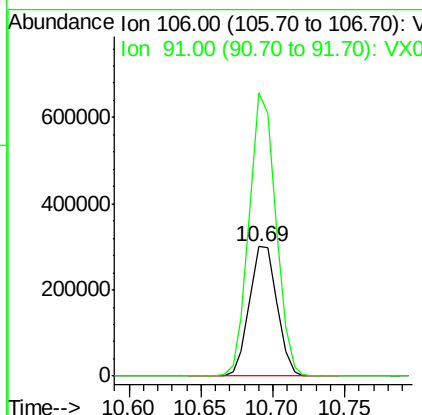
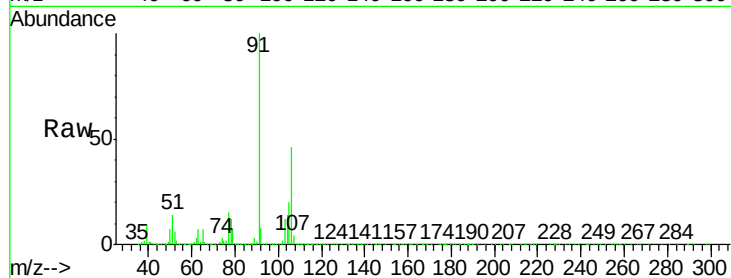
#69
o-Xylene
Concen: 49.946 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	106.2	318.6

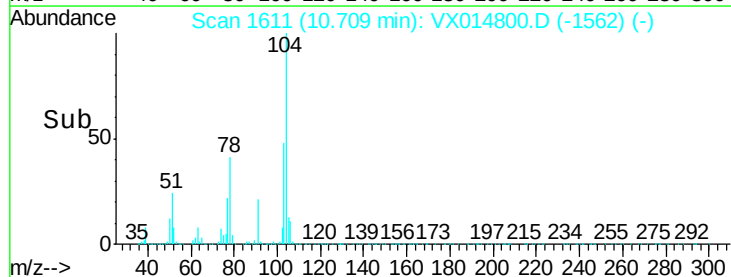
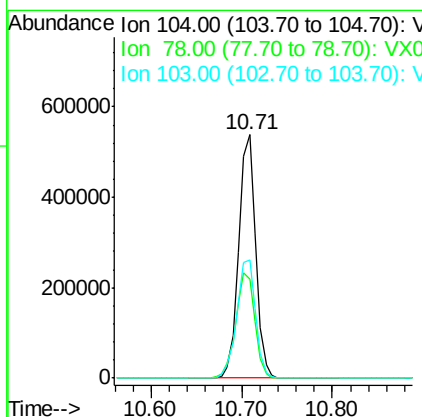
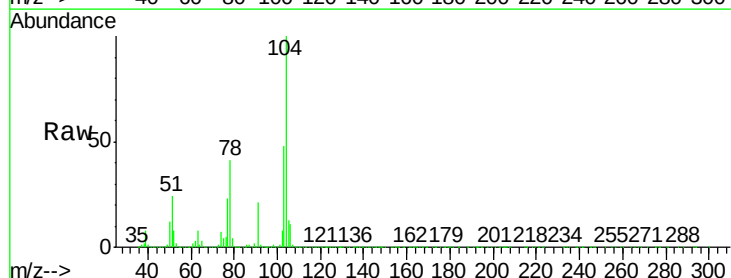
Manual Integrations
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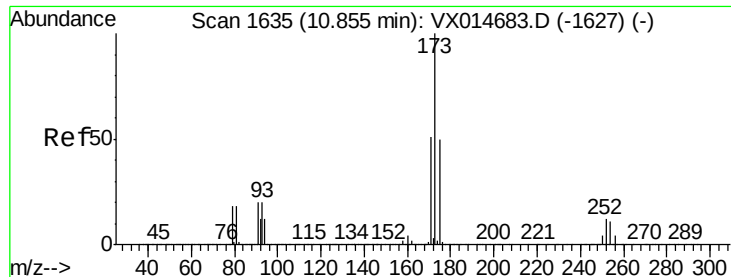
MMDadoda
2/5/2020 12:25:26 PM



#70
Styrene
Concen: 52.028 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.3	58.9
103	53.9	43.5	65.3





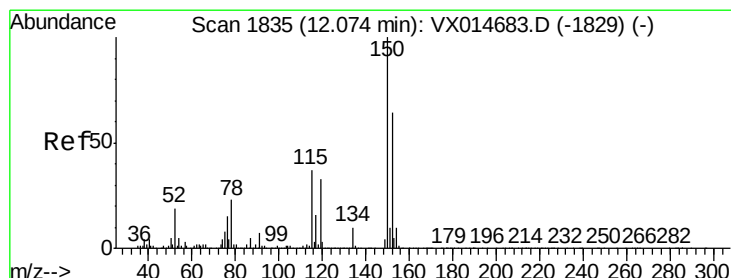
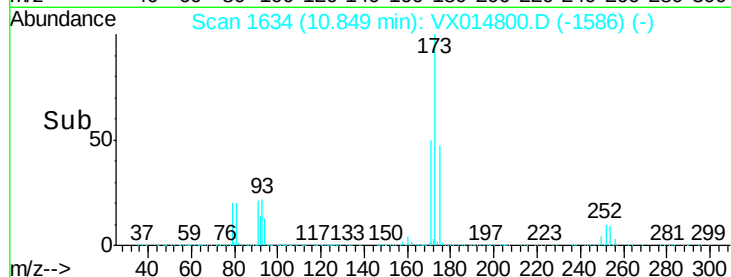
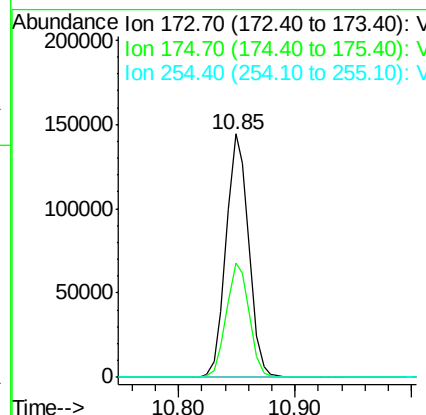
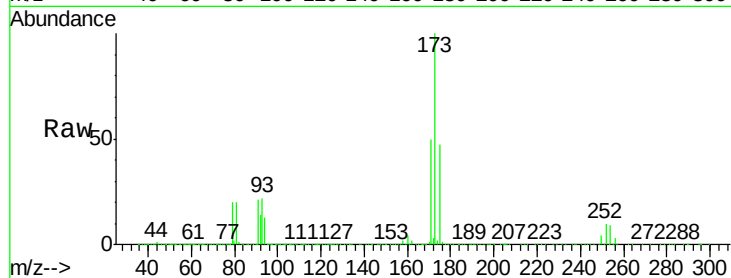
#71
Bromoform
Concen: 51.417 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.6	73.6
254	0.3	0.1	0.1#

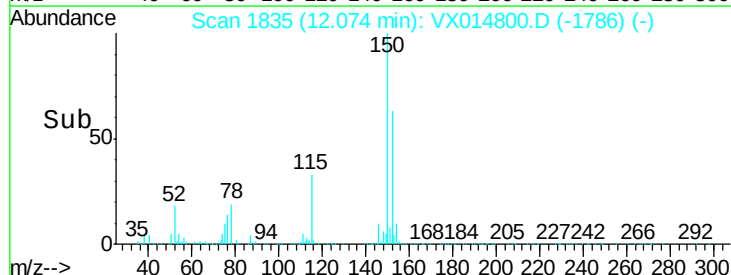
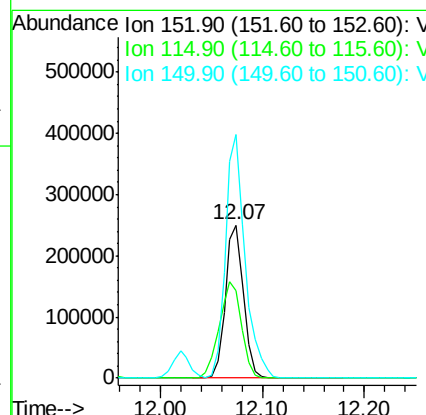
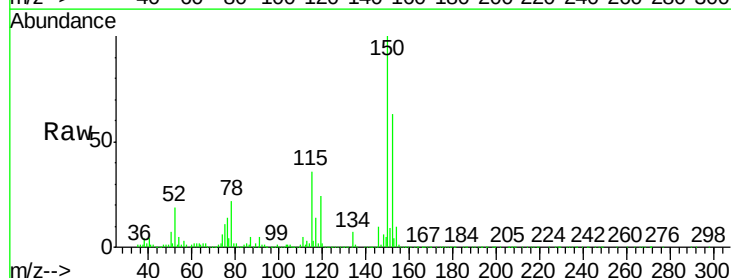
Manual Integrations
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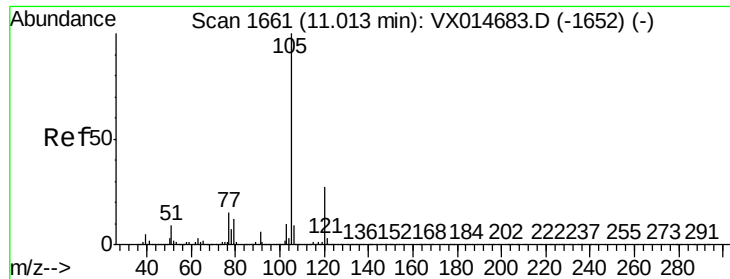
MMDadoda
2/5/2020 12:25:26 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.1	39.4	118.1
150	172.5	0.0	351.2





#73

Isopropylbenzene

Concen: 49.366 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1070842

Ion Ratio Lower Upper

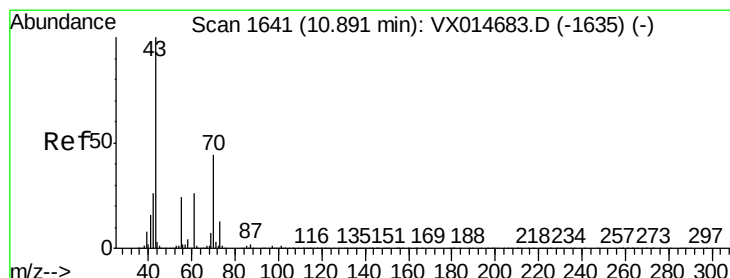
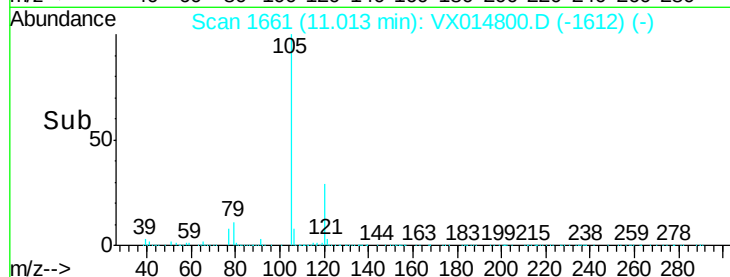
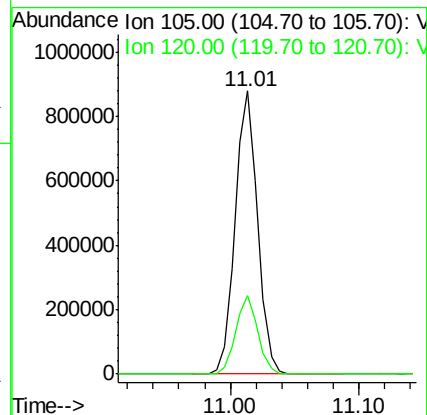
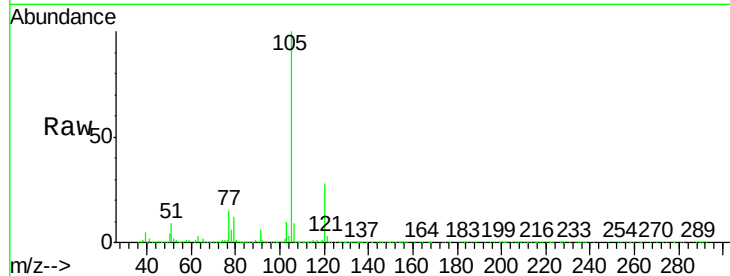
105 100

120 27.3 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 47.633 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion: 43 Resp: 452784

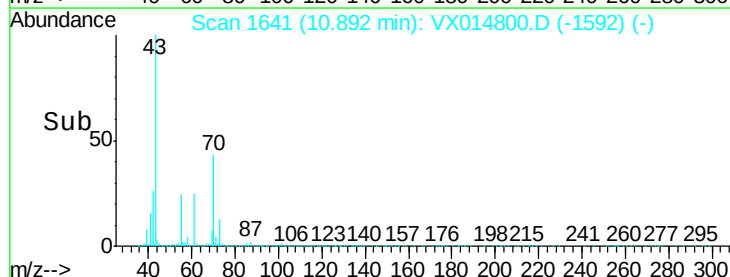
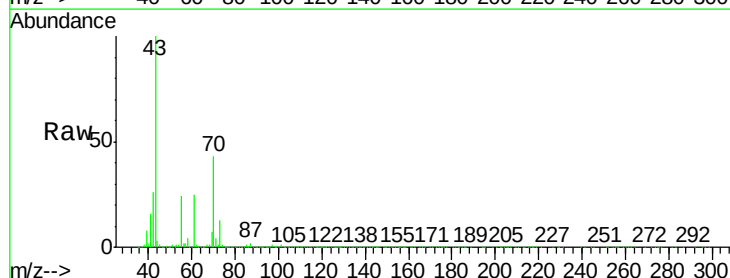
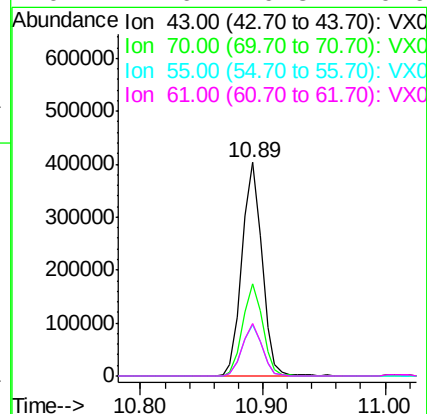
Ion Ratio Lower Upper

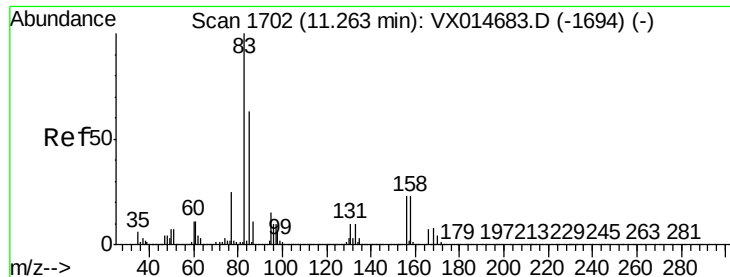
43 100

70 43.3 34.6 52.0

55 24.6 19.4 29.2

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.926 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

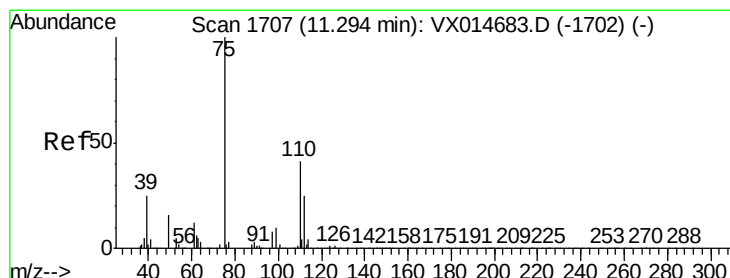
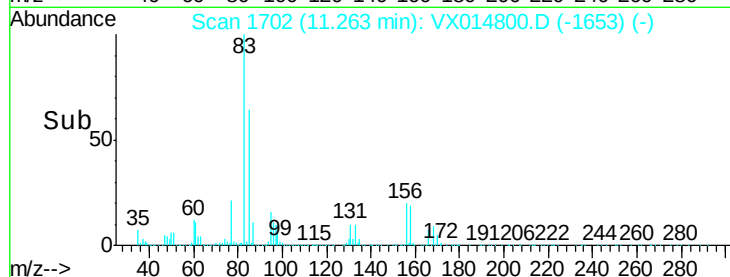
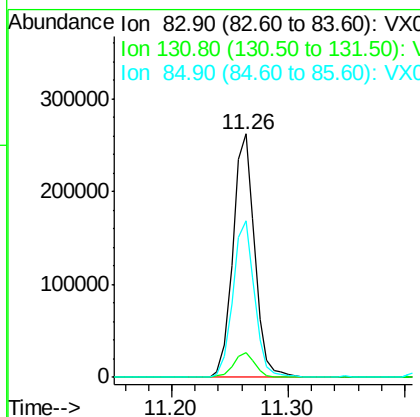
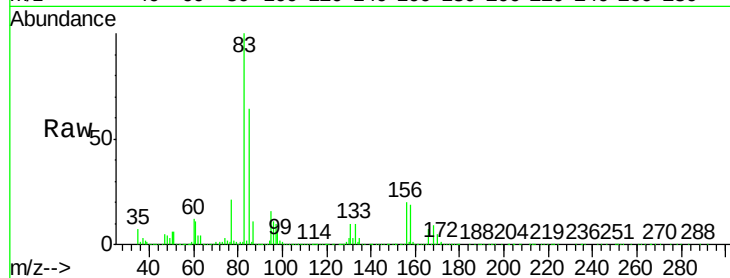
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	340206
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	64.2	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 40.552 ug/l m

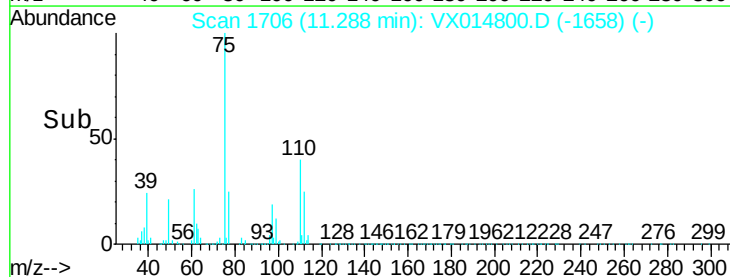
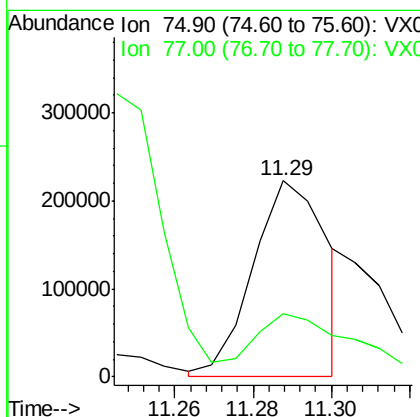
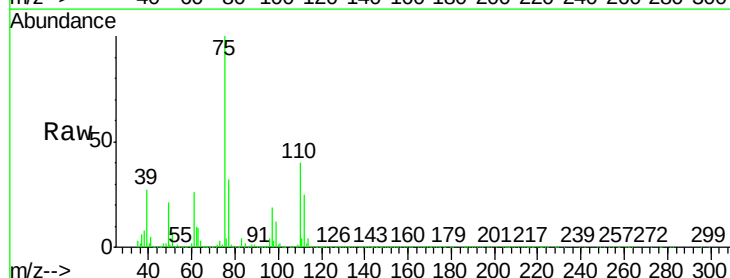
RT: 11.29 min Scan# 1706

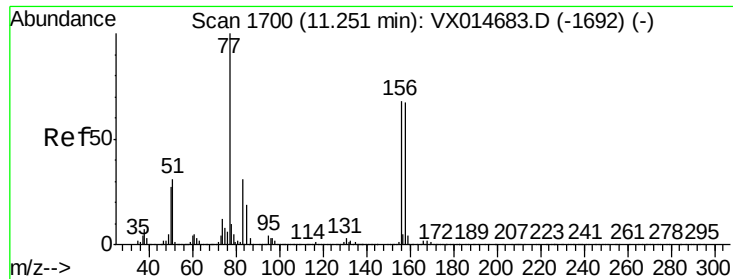
Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	75	Resp:	291061
Ion Ratio	Lower	Upper	
75	100		
77	44.2	18.7	56.1





#77

Bromobenzene

Concen: 47.940 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

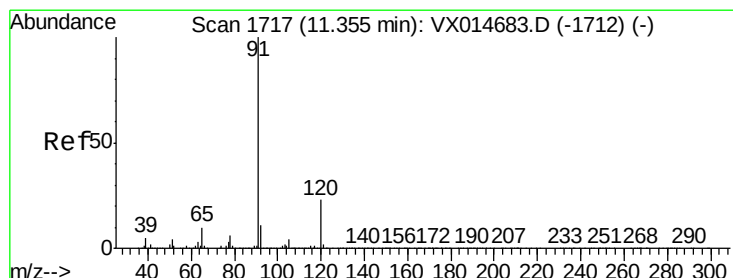
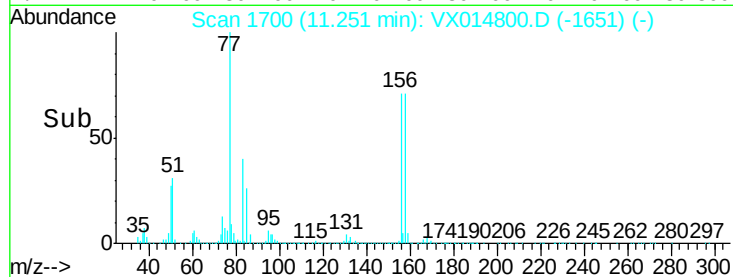
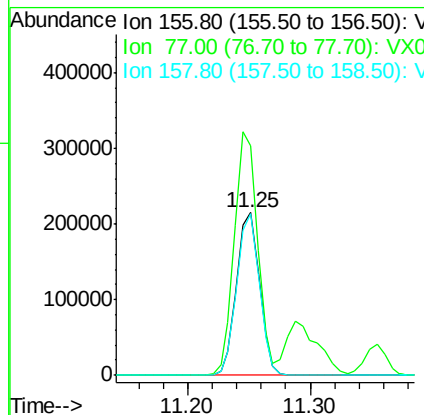
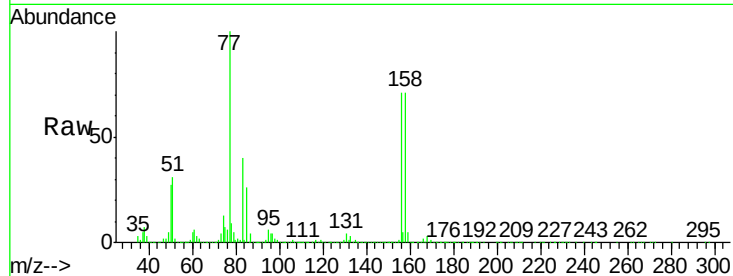
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	279369
Ion Ratio	Lower	Upper	
156	100		
77	149.6	77.5	232.5
158	97.6	49.1	147.3

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#78

n-propylbenzene

Concen: 49.891 ug/l

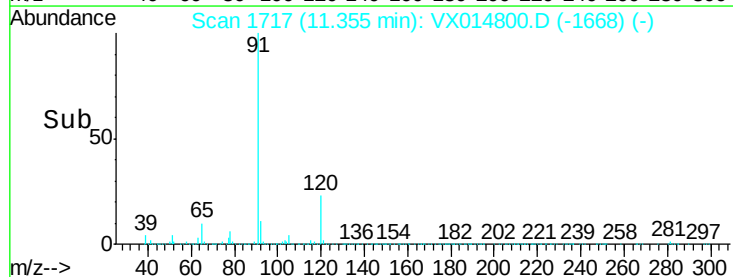
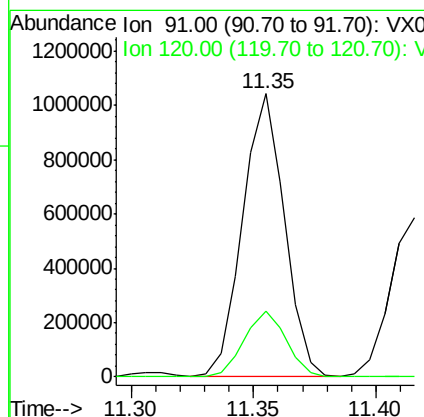
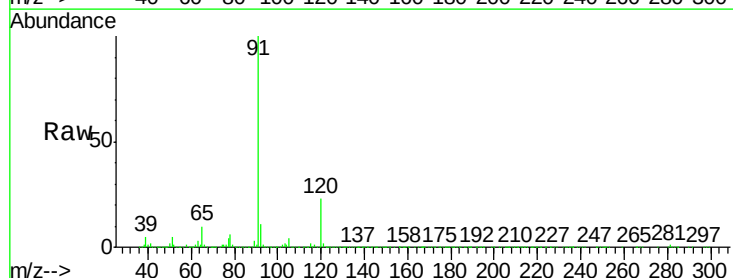
RT: 11.35 min Scan# 1717

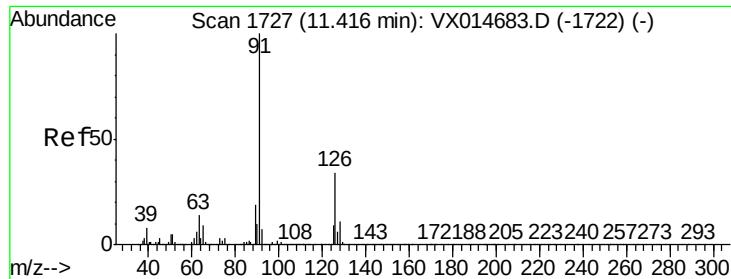
Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	91	Resp:	1228427
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





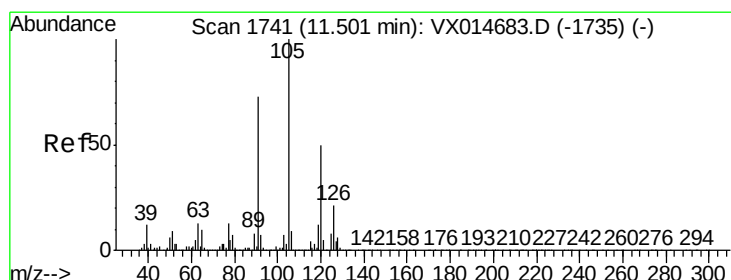
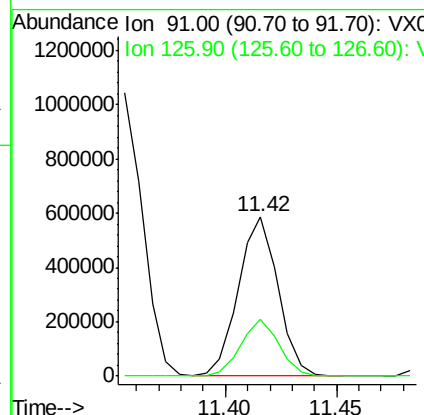
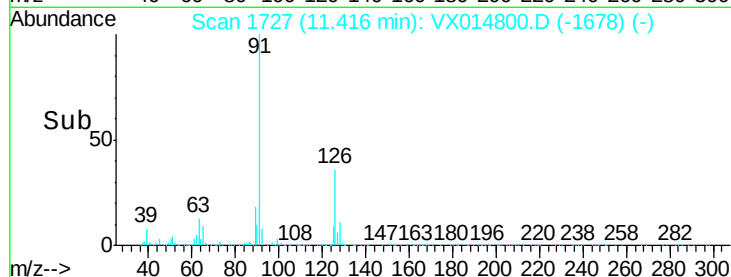
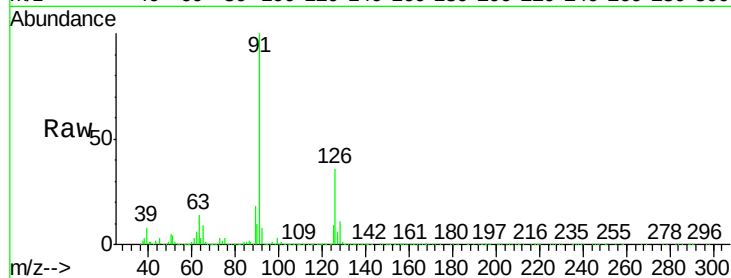
#79
 2-Chlorotoluene
 Concen: 48.693 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 725426
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.9

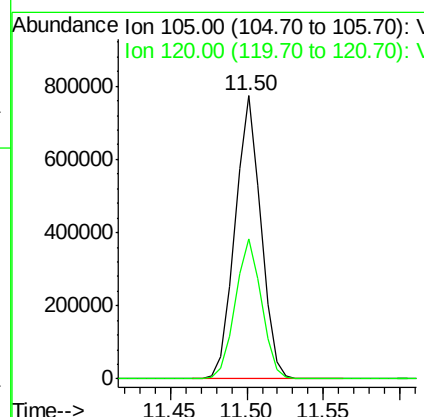
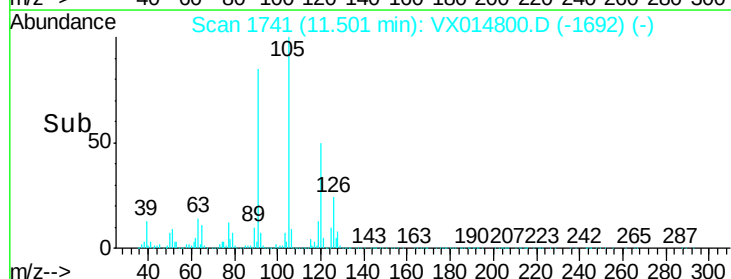
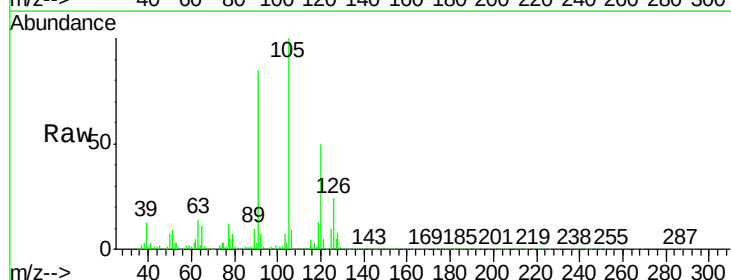
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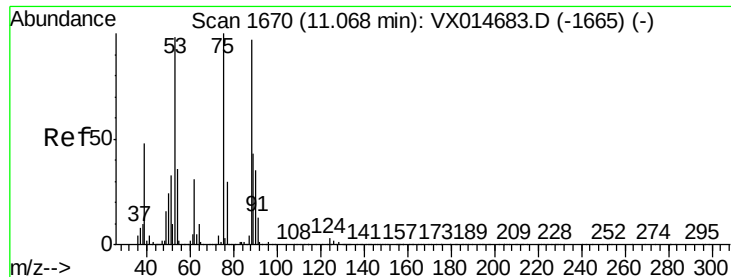
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.959 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion: 105 Resp: 899437
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6





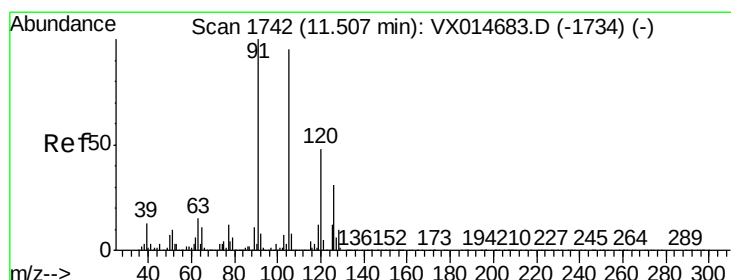
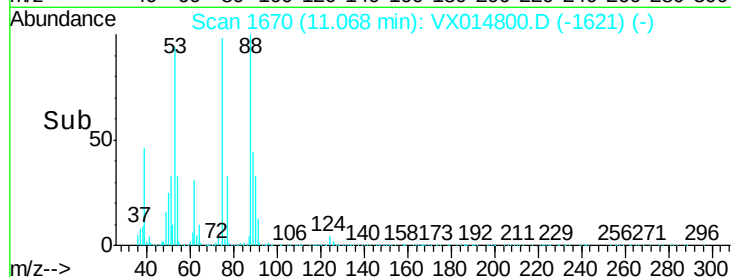
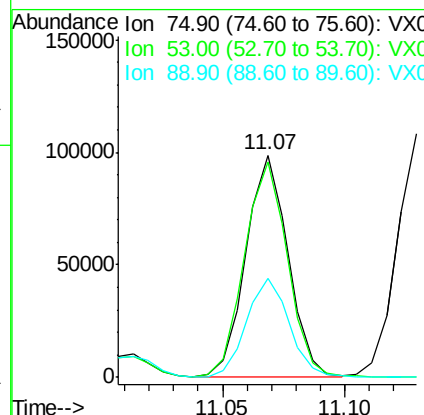
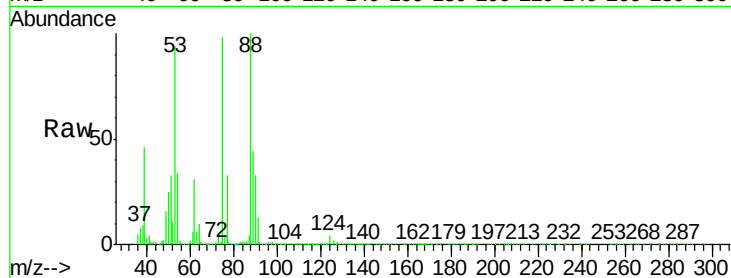
#81
trans-1,4-Dichloro-2-butene
Concen: 46.813 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	78.8	118.2
89	45.6	35.4	53.0

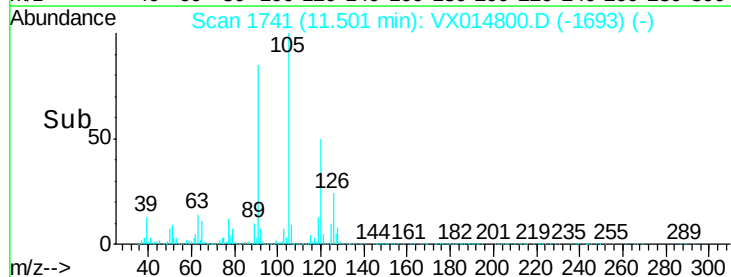
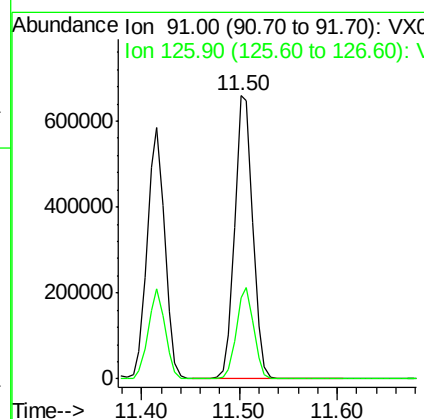
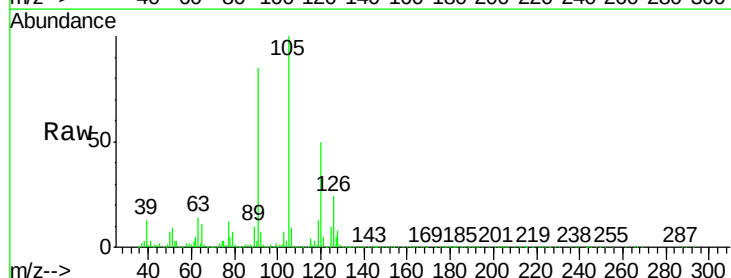
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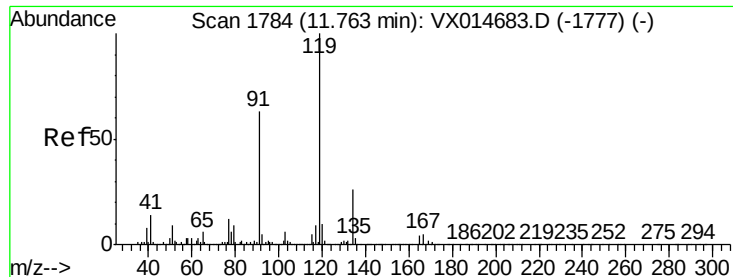
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#82
4-Chlorotoluene
Concen: 49.754 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





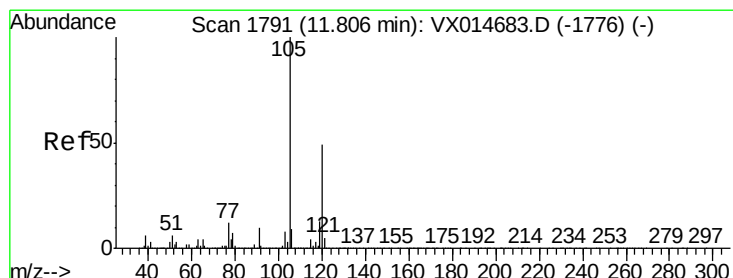
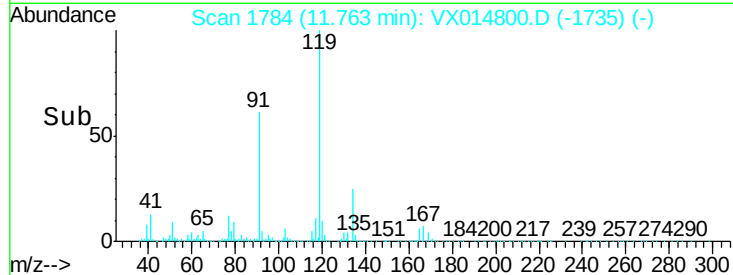
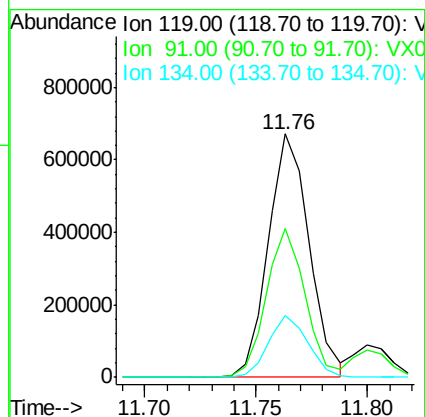
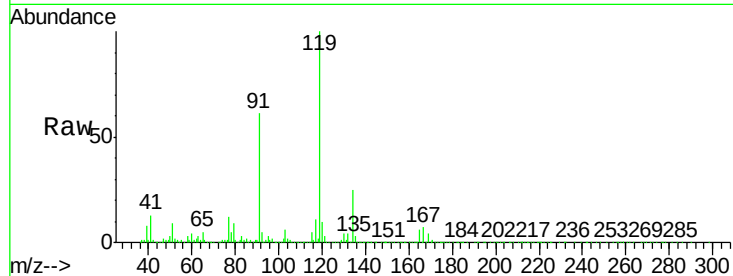
#83
 tert-Butylbenzene
 Concen: 50.571 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	855530		
91	58.2	30.0	90.0	
134	24.5	12.7	38.0	

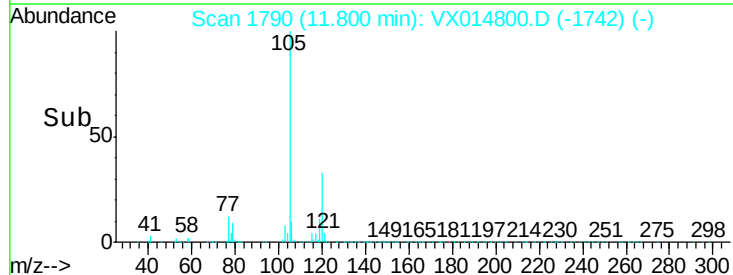
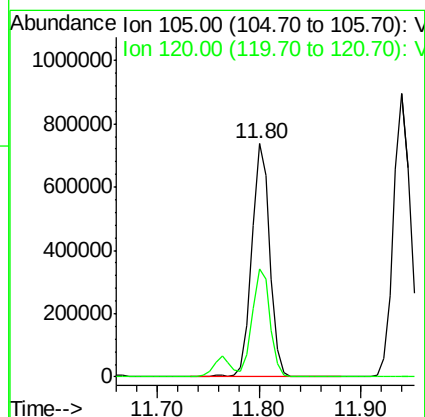
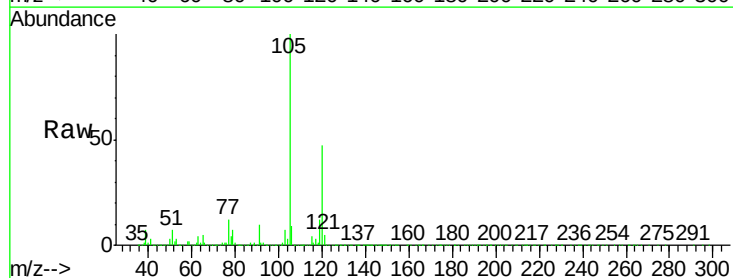
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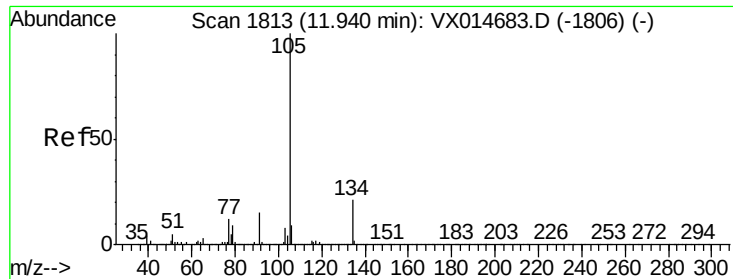
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.272 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	907827		
120	46.1	23.4	70.0	





#85

sec-Butylbenzene

Concen: 50.829 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1053424

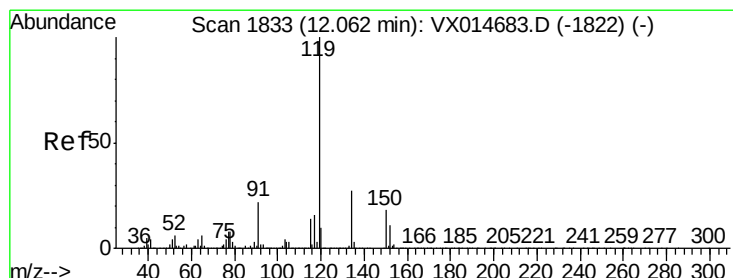
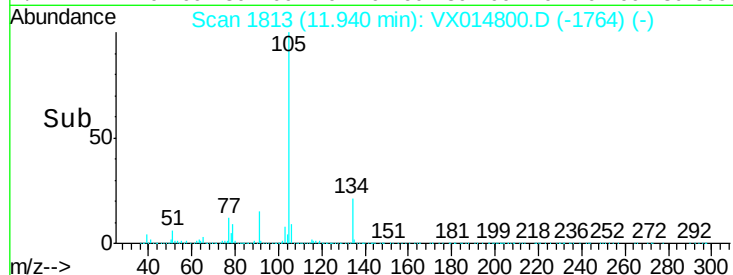
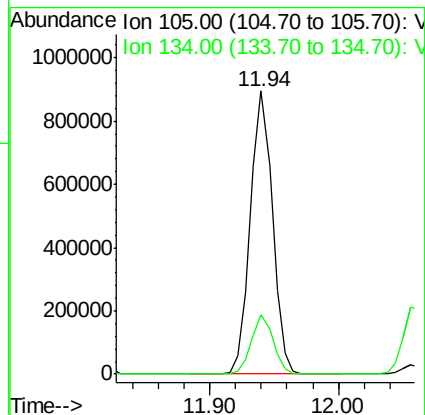
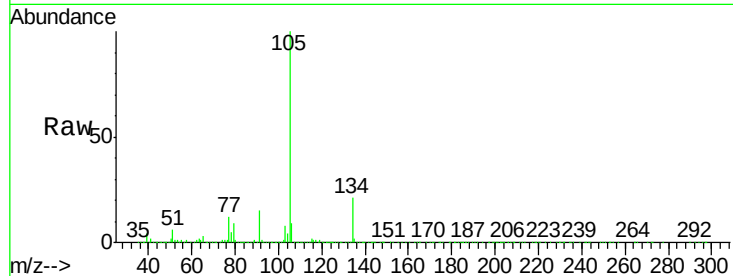
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 50.809 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

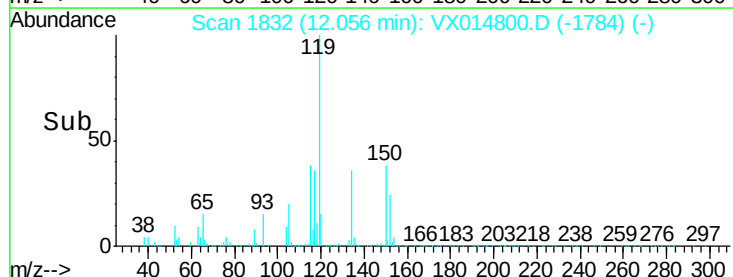
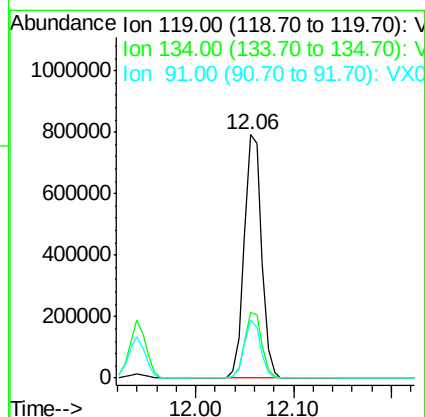
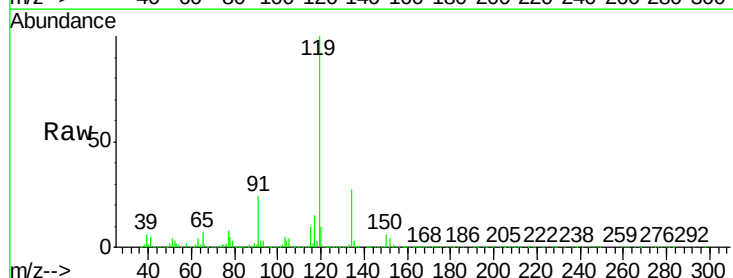
Tgt Ion:119 Resp: 973146

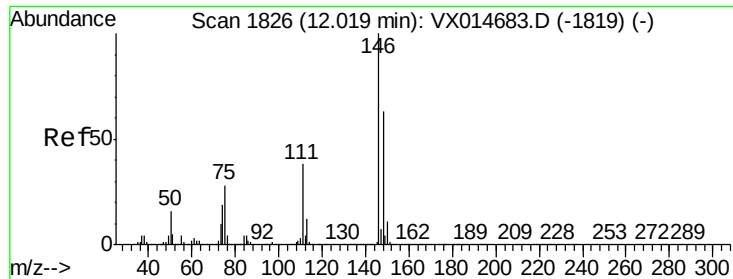
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.743 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

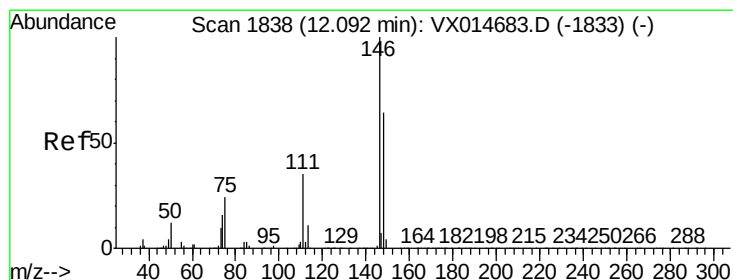
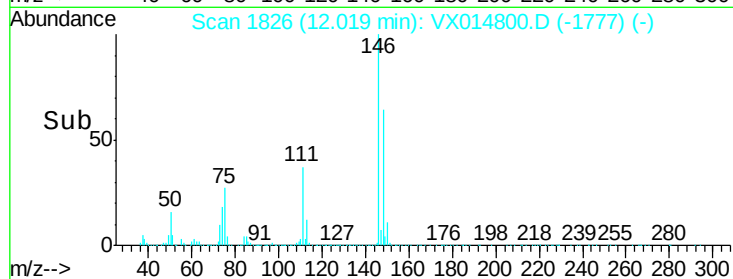
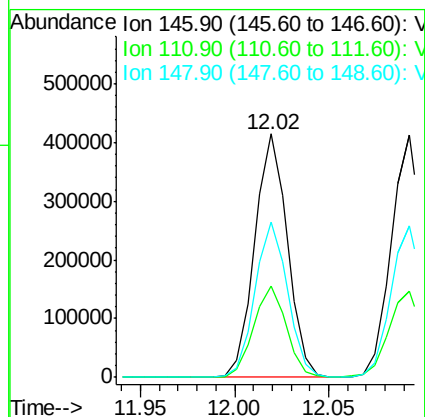
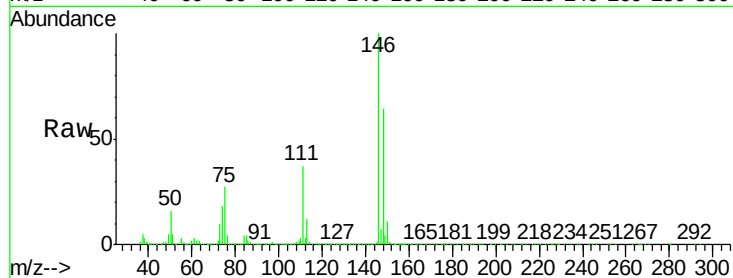
Instrument :
MSVOA_X

ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	63.7	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 47.563 ug/l

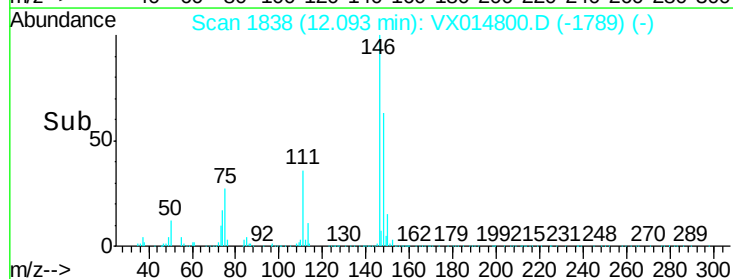
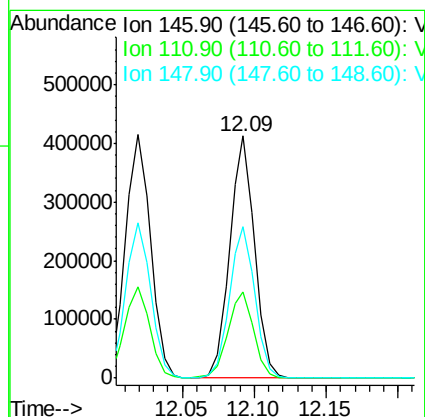
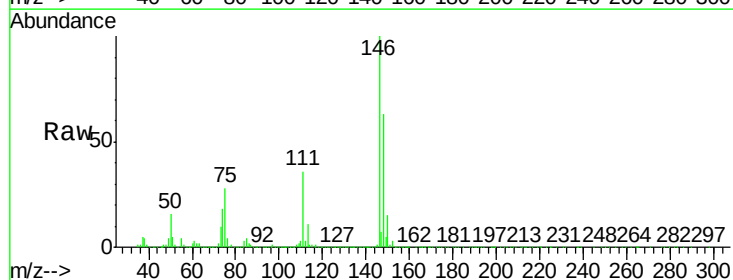
RT: 12.09 min Scan# 1838

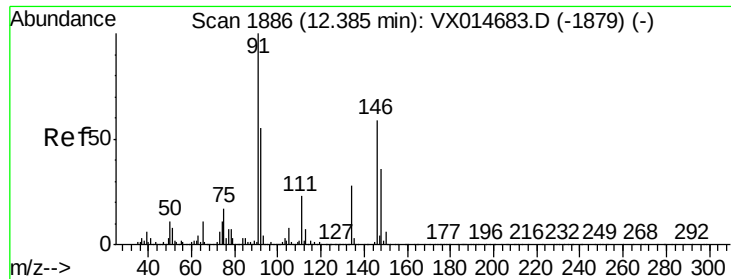
Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.0	32.0	96.2





#89

n-Butylbenzene

Concen: 50.531 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Instrument :

MSVOA_X

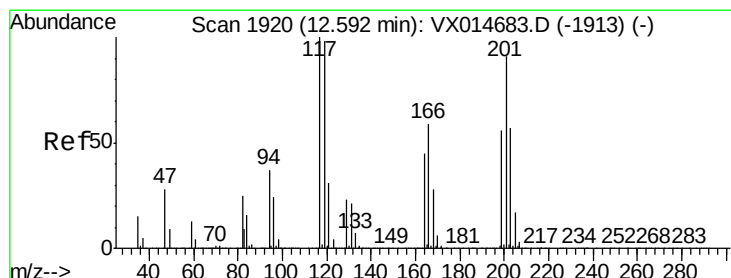
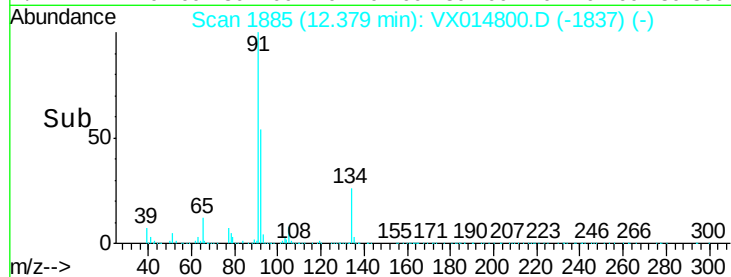
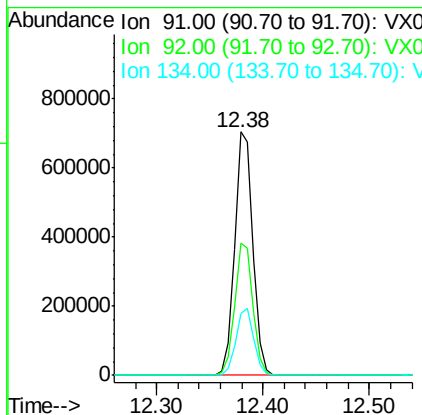
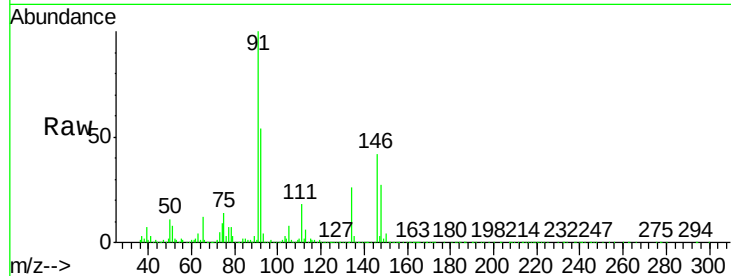
ClientSampled :

VSTDCCC050

Tot Ion:	91	Resp:	842919
Ion Ratio	Lower	Upper	
91	100		
92	54.3	27.6	82.7
134	26.9	13.3	39.8

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#90

Hexachloroethane

Concen: 49.446 ug/l

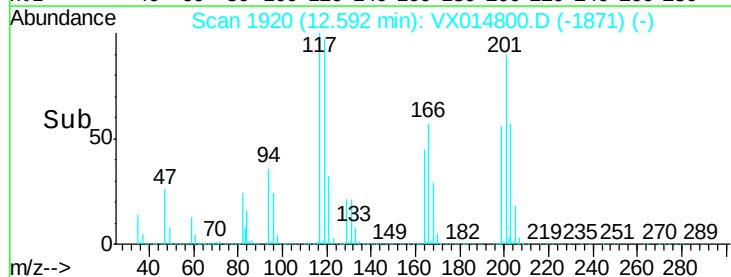
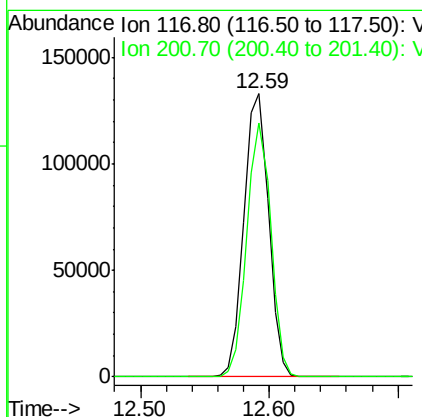
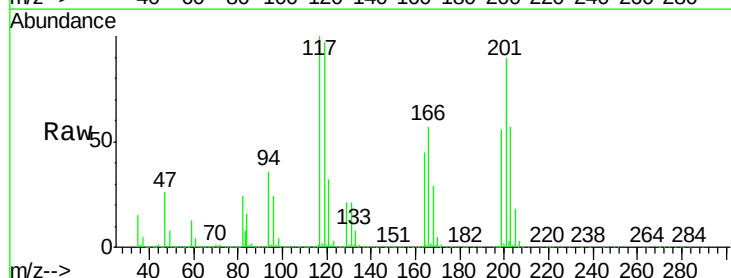
RT: 12.59 min Scan# 1920

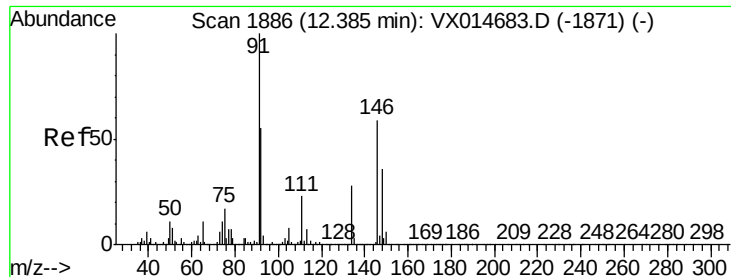
Delta R.T. 0.00 min

Lab File: VX014800.D

Acq: 04 Feb 2020 10:19

Tgt Ion:	117	Resp:	175907
Ion Ratio	Lower	Upper	
117	100		
201	87.0	44.4	133.1





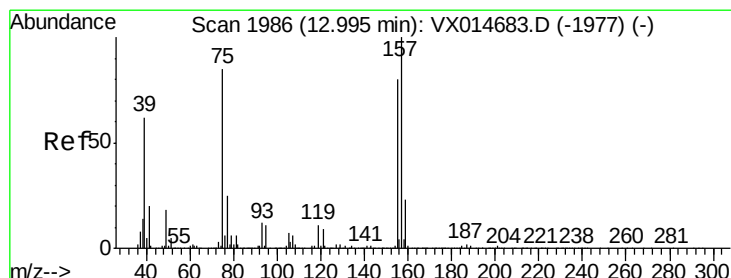
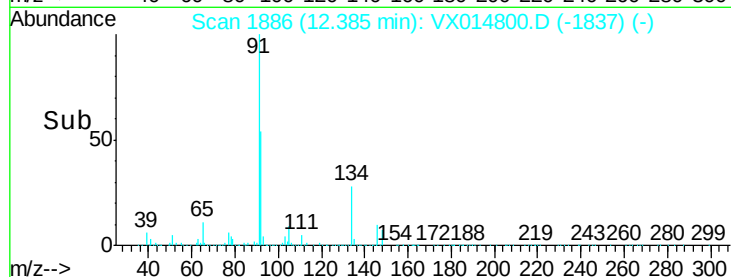
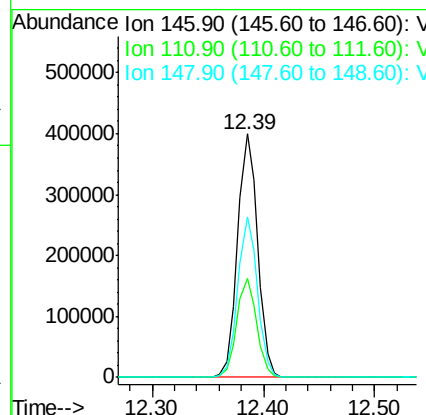
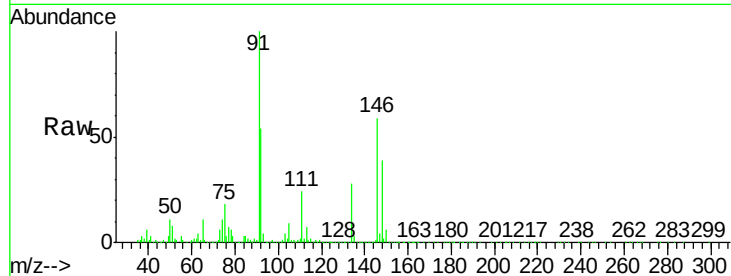
#91
 1,2-Dichlorobenzene
 Concen: 47.907 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.8
148	64.4	31.9	95.9

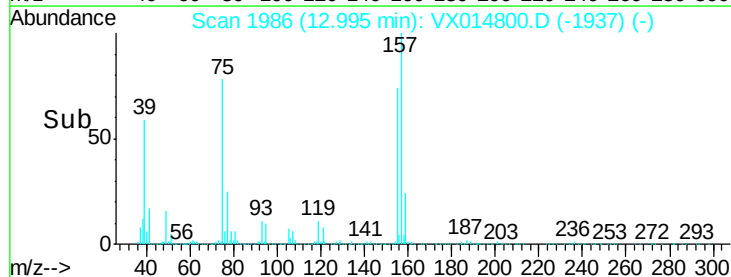
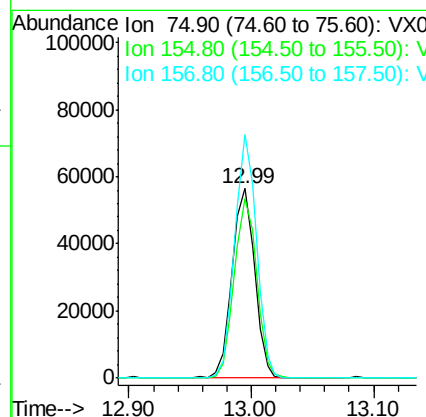
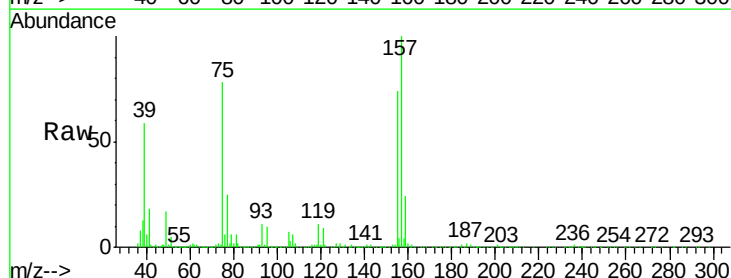
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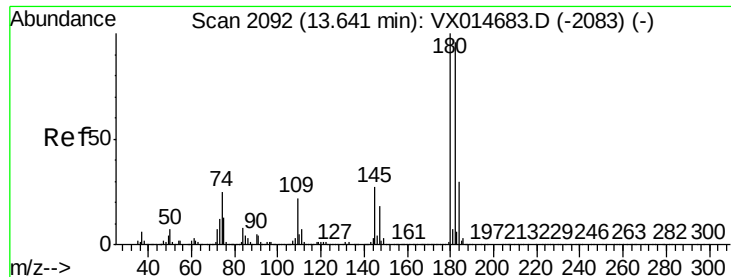
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.164 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014800.D
 Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	45.6	136.9
157	124.1	60.3	180.9





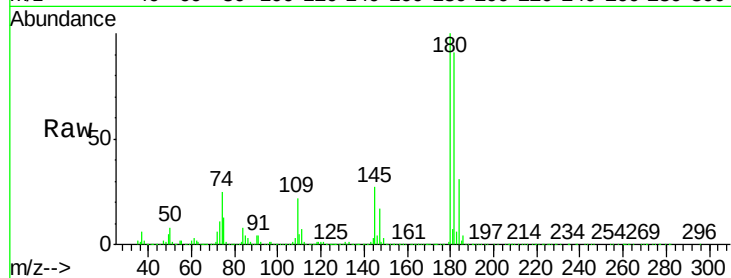
#93
1,2,4-Trichlorobenzene
Concen: 50.839 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

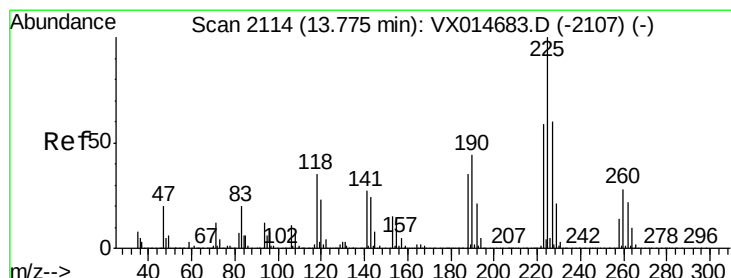
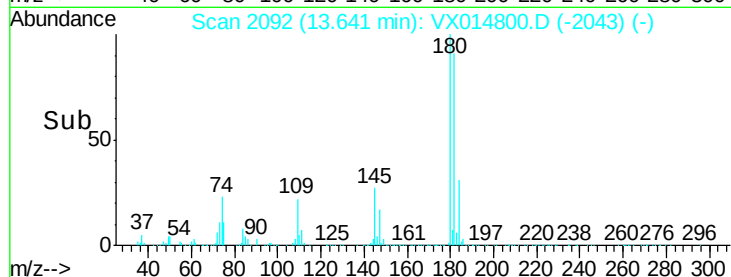
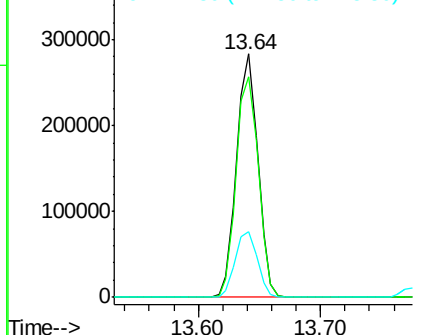
Tot Ion	Ratio	Resp	Lower	Upper
180	100	340931		
182	94.7	48.5	145.6	
145	28.3	14.0	41.9	

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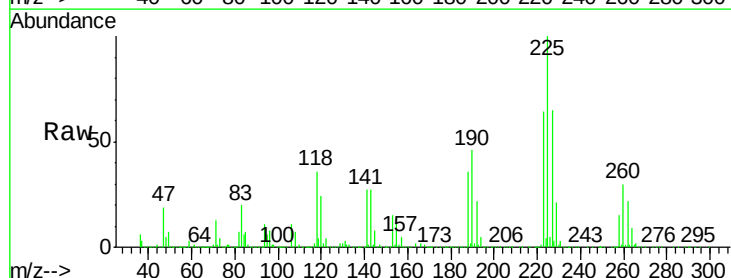


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

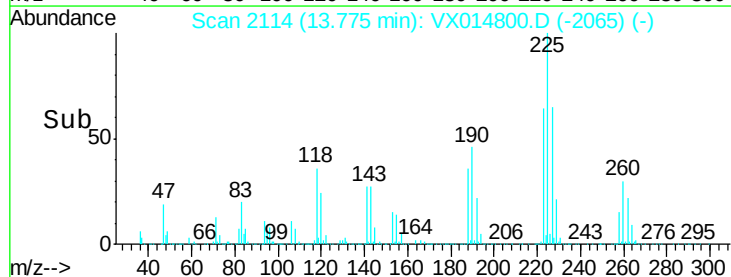
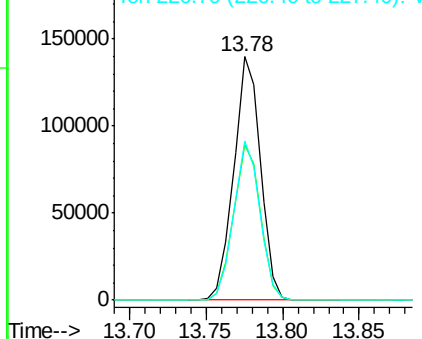


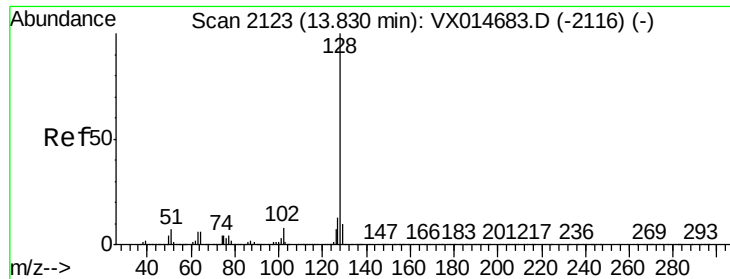
#94
Hexachlorobutadiene
Concen: 48.928 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	168878		
223	64.4	30.6	91.8	
227	64.2	31.4	94.0	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





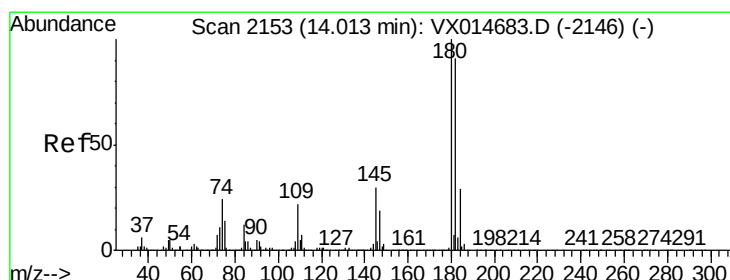
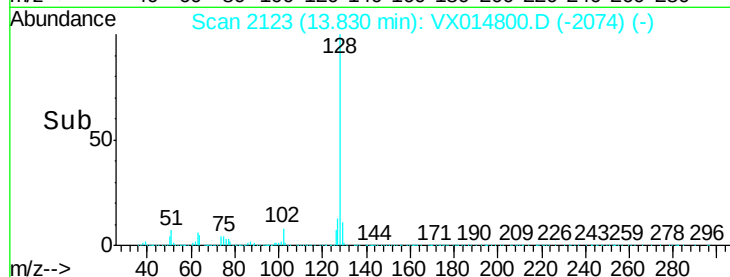
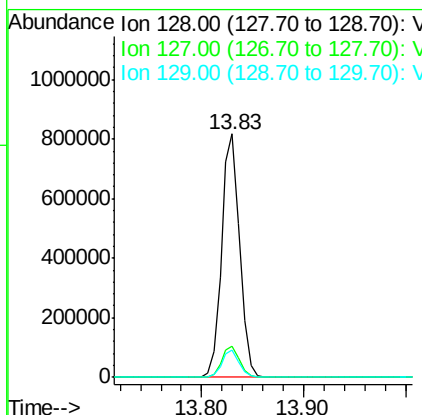
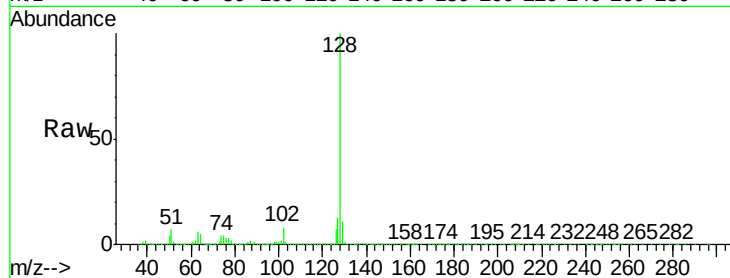
#95
Naphthalene
Concen: 46.454 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.118 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014800.D
Acq: 04 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	29.6	14.7	44.1

