

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013120\
 Data File : VX014775.D
 Acq On : 31 Jan 2020 10:52
 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
 2/4/2020 3:35:47 PM

Quant Time: Jan 31 15:39:31 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	429193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	624912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	568877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305854	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	237606	47.41	ug/l	0.00
Spiked Amount						
			Recovery	=	94.82%	
35) Dibromofluoromethane	5.48	113	195129	49.49	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	745228	49.16	ug/l	0.00
Spiked Amount						
			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	267771	49.59	ug/l	0.00
Spiked Amount						
			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	284030	49.311	ug/l	100
3) Chloromethane	1.32	50	271115	46.694	ug/l	99
4) Vinyl Chloride	1.41	62	320455	51.045	ug/l	99
5) Bromomethane	1.63	94	198561	46.565	ug/l	99
6) Chloroethane	1.72	64	175440	48.812	ug/l	99
7) Trichlorofluoromethane	1.92	101	365328	49.977	ug/l	98
8) Diethyl Ether	2.18	74	151400	47.451	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	219478	51.146	ug/l	99
10) Methyl Iodide	2.50	142	285560	50.714	ug/l	99
11) Tert butyl alcohol	3.03	59	224262	199.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	205970	48.275	ug/l	99
13) Acrolein	2.28	56	285821	322.152	ug/l	100
14) Allyl chloride	2.72	41	378081	49.301	ug/l	98
15) Acrylonitrile	3.12	53	606755	233.050	ug/l	99
16) Acetone	2.43	43	753170	274.176	ug/l	100
17) Carbon Disulfide	2.56	76	549512	47.124	ug/l	99
18) Methyl Acetate	2.76	43	373164	47.593	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	715771	51.219	ug/l	98
20) Methylene Chloride	2.84	84	242956	47.799	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	226845	48.288	ug/l	99
22) Diisopropyl ether	3.84	45	788511	51.680	ug/l	97
23) Vinyl Acetate	3.79	43	3040481	261.418	ug/l	99
24) 1,1-Dichloroethane	3.69	63	418863	50.551	ug/l	99
25) 2-Butanone	4.65	43	957925	243.400	ug/l	98
26) 2,2-Dichloropropane	4.57	77	350592	52.861	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	261482	49.733	ug/l	99
28) Bromochloromethane	5.00	49	157592	43.281	ug/l	99
29) Tetrahydrofuran	5.11	42	542575	232.281	ug/l	99
30) Chloroform	5.19	83	421398	51.339	ug/l	99
31) Cyclohexane	5.57	56	385545	49.471	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357765	51.564	ug/l	99
36) 1,1-Dichloropropene	5.78	75	315384	54.314	ug/l	99
37) Ethyl Acetate	4.81	43	332691	50.024	ug/l	99
38) Carbon Tetrachloride	5.77	117	312655	56.379	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	396025	54.441	ug/l	97
40) Benzene	6.13	78	948606	52.872	ug/l	99
41) Methacrylonitrile	5.01	41	188660	49.722	ug/l	99
42) 1,2-Dichloroethane	6.18	62	337194	54.425	ug/l	99
43) Isopropyl Acetate	6.43	43	550221	50.523	ug/l	99
44) Trichloroethene	7.20	130	266086	52.505	ug/l	93
45) 1,2-Dichloropropane	7.50	63	249778	54.040	ug/l	98
46) Dibromomethane	7.65	93	161424	53.924	ug/l	100
47) Bromodichloromethane	7.89	83	330915	56.361	ug/l	99
48) Methyl methacrylate	7.76	41	277794	53.386	ug/l	99
49) 1,4-Dioxane	7.73	88	95627	866.958	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1722785	250.637	ug/l	100
52) Toluene	8.78	92	603059	54.681	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	361477	57.177	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	401802	57.773	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	245860	54.449	ug/l	98
56) Ethyl methacrylate	9.17	69	380216	49.680	ug/l	99
57) 1,3-Dichloropropane	9.36	76	416466	53.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602535	265.337	ug/l	99
59) 2-Hexanone	9.48	43	1368849	256.635	ug/l	99
60) Dibromochloromethane	9.57	129	264886	56.202	ug/l	99
61) 1,2-Dibromoethane	9.67	107	256220	53.669	ug/l	99
64) Tetrachloroethene	9.33	164	286668	50.908	ug/l	98
65) Chlorobenzene	10.13	112	654023	53.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	246025	54.838	ug/l	100
67) Ethyl Benzene	10.24	91	1163600	56.005	ug/l	100
68) m/p-Xylenes	10.35	106	885361	112.482	ug/l	100
69) o-Xylene	10.69	106	422584	55.612	ug/l	100
70) Styrene	10.70	104	741696	58.187	ug/l	99
71) Bromoform	10.85	173	203831	57.131	ug/l #	100
73) Isopropylbenzene	11.01	105	1145303	53.256	ug/l	100
74) N-amyl acetate	10.89	43	480527	50.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	357023	46.496	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	314366m	44.178	ug/l	
77) Bromobenzene	11.25	156	298796	51.718	ug/l	97
78) n-propylbenzene	11.35	91	1330122	54.489	ug/l	100
79) 2-Chlorotoluene	11.42	91	770819	52.188	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	973418	54.536	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	124173	49.660	ug/l	100
82) 4-Chlorotoluene	11.50	91	913752	54.341	ug/l	99
83) tert-Butylbenzene	11.76	119	913906	54.489	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	975097	54.465	ug/l	99
85) sec-Butylbenzene	11.94	105	1143219	55.639	ug/l	99
86) p-Isopropyltoluene	12.06	119	1061575	55.906	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	533824	51.413	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	544600	52.362	ug/l	99
89) n-Butylbenzene	12.38	91	941831	56.949	ug/l	99
90) Hexachloroethane	12.59	117	188079	53.326	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	533405	51.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76423	46.324	ug/l	98

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ClientSampleId :
VSTDCCC050

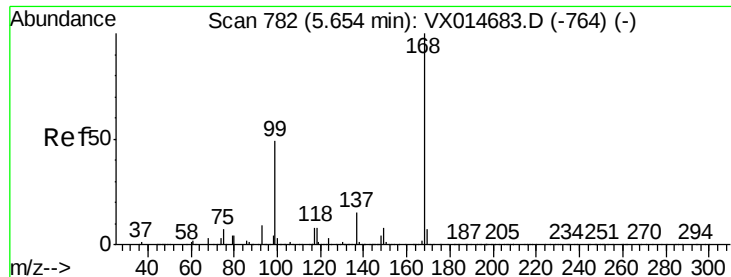
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	372949	56.095	ug/l	99
94) Hexachlorobutadiene	13.77	225	190645	55.712	ug/l	96
95) Naphthalene	13.83	128	1052024	49.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	373987	55.630	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: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 429193

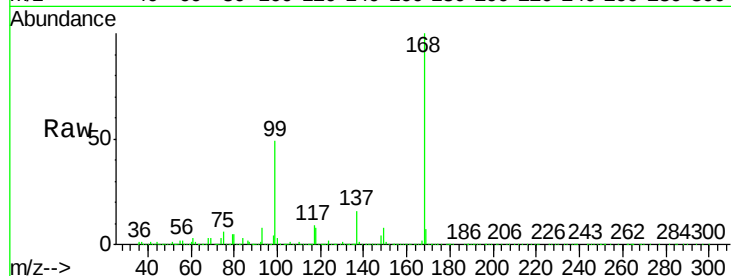
Ion Ratio Lower Upper

168 100

99 48.4 39.8 59.6

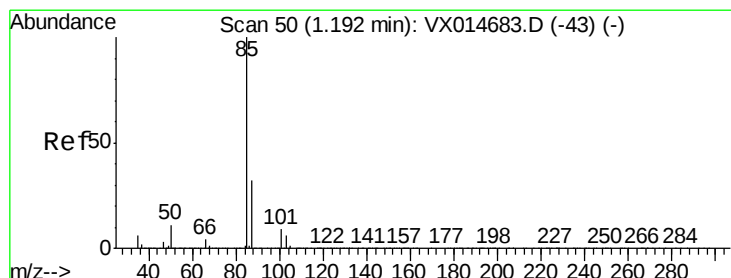
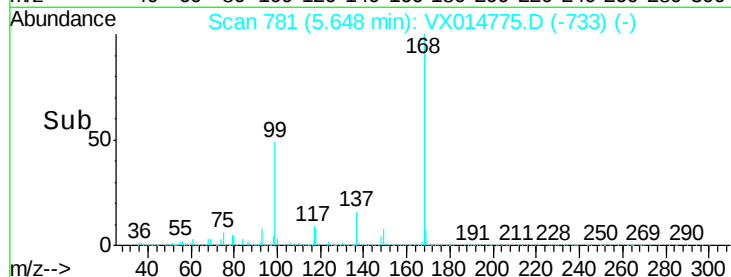
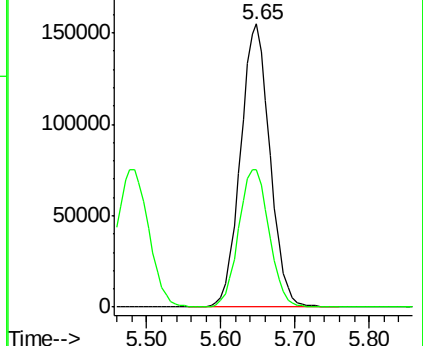
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.311 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014775.D

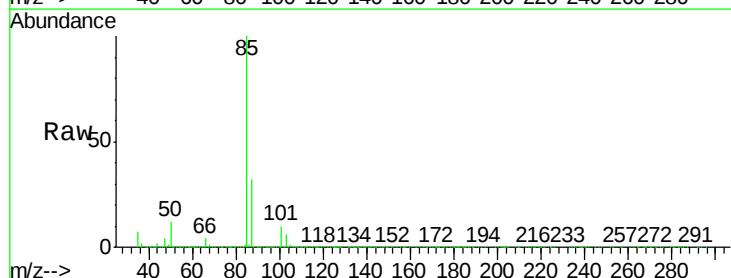
Acq: 31 Jan 2020 10:52

Tgt Ion: 85 Resp: 284030

Ion Ratio Lower Upper

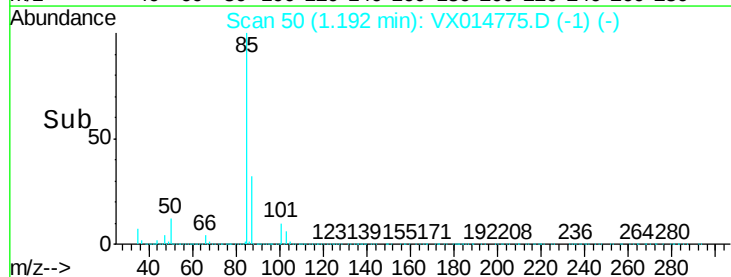
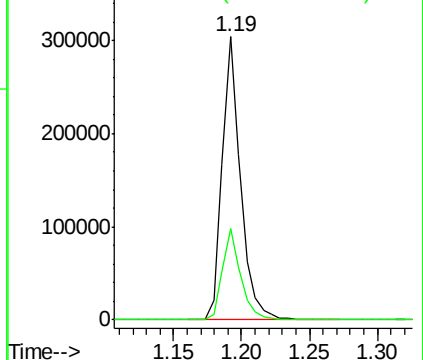
85 100

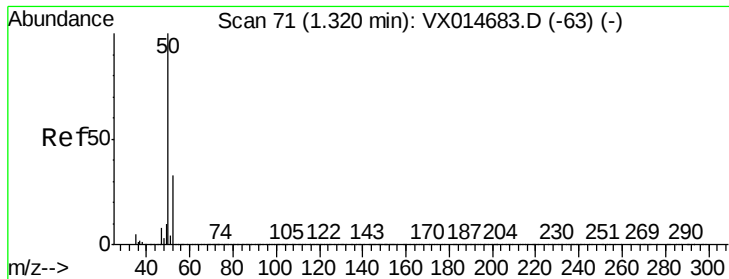
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.694 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 271115

Ion Ratio Lower Upper

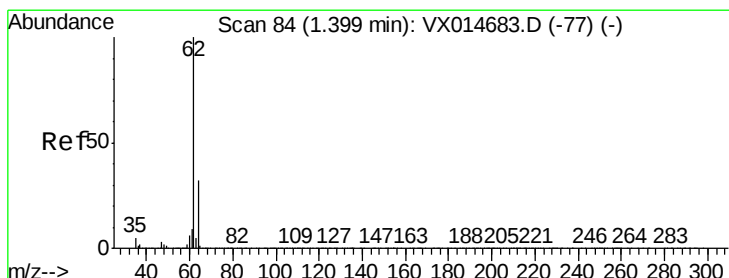
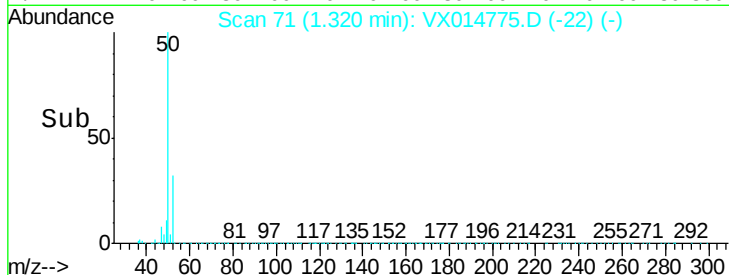
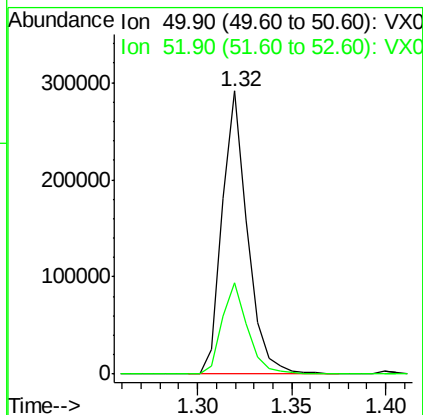
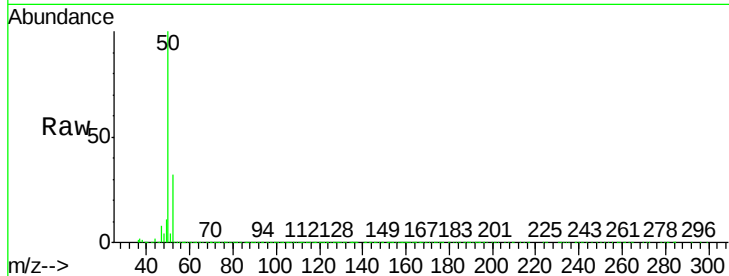
50 100

52 32.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 51.045 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014775.D

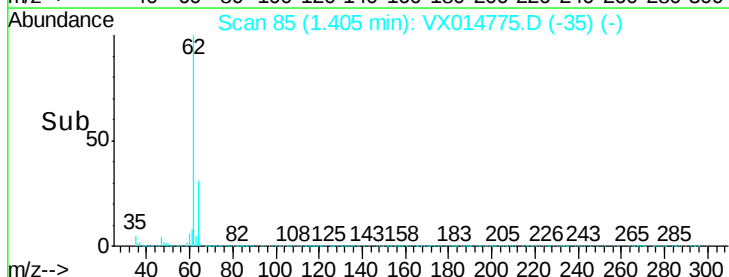
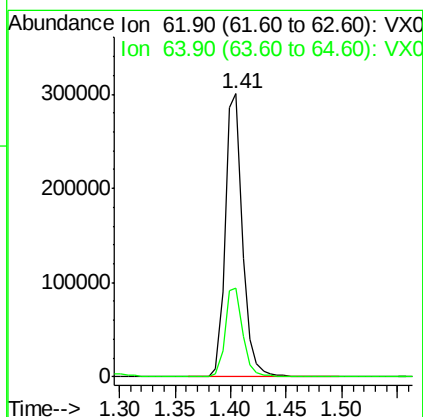
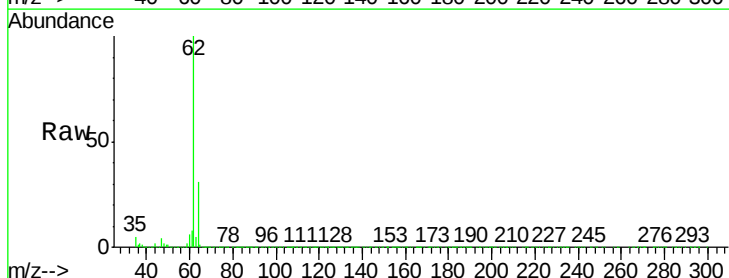
Acq: 31 Jan 2020 10:52

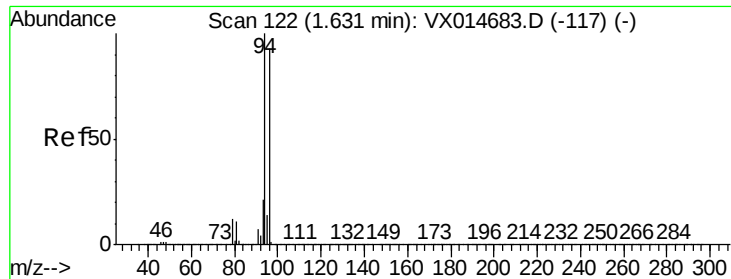
Tgt Ion: 62 Resp: 320455

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 46.565 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 198561

Ion Ratio Lower Upper

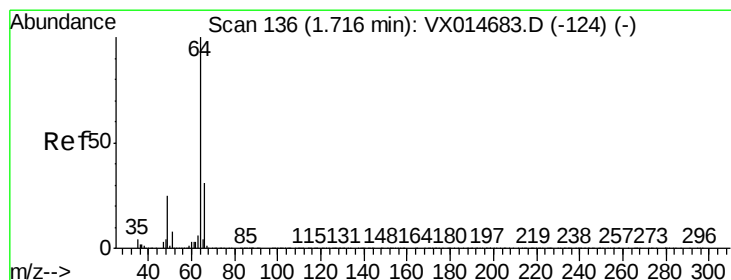
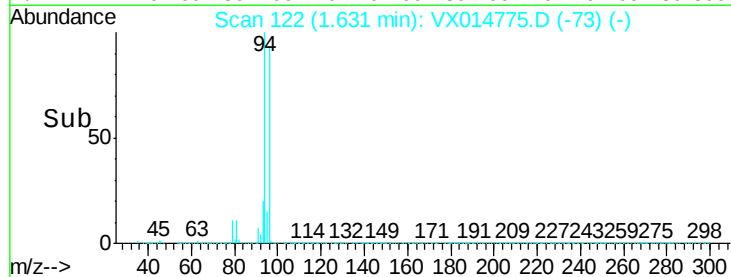
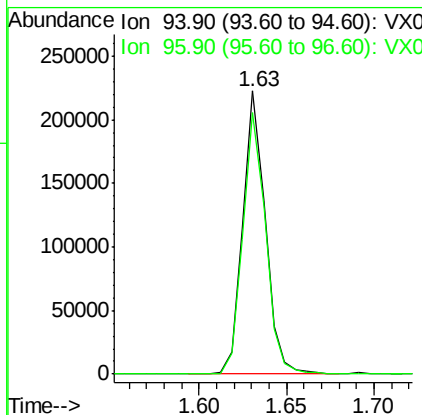
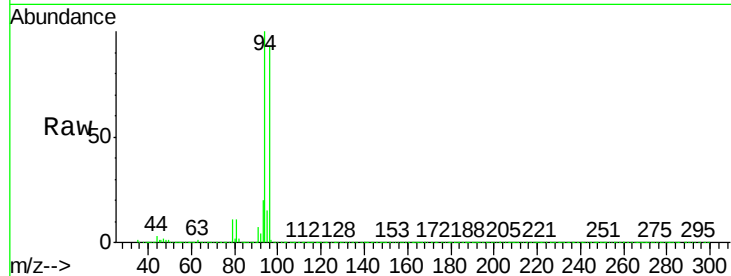
94 100

96 92.6 74.7 112.1

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#6

Chloroethane

Concen: 48.812 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014775.D

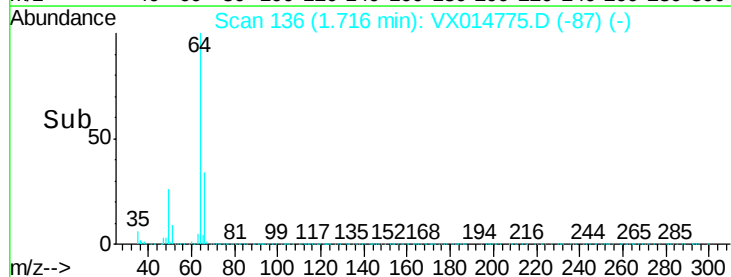
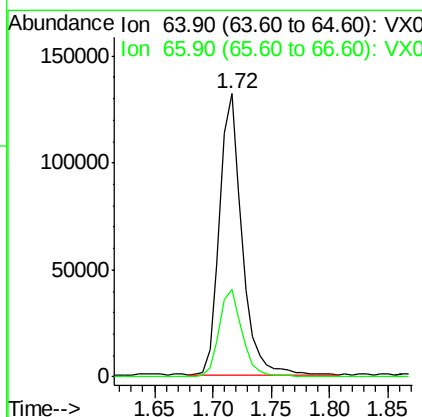
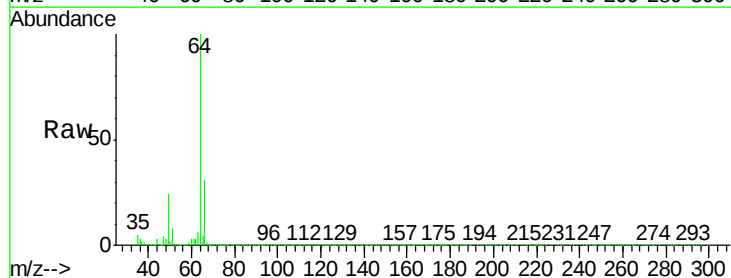
Acq: 31 Jan 2020 10:52

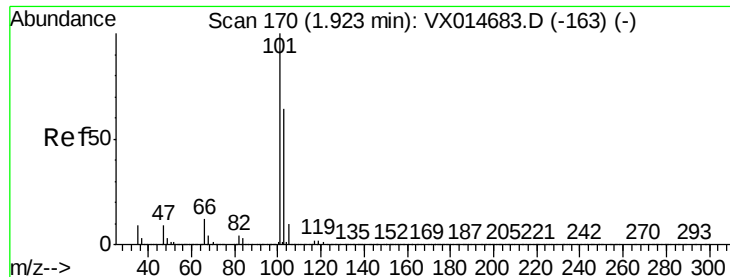
Tgt Ion: 64 Resp: 175440

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8





#7

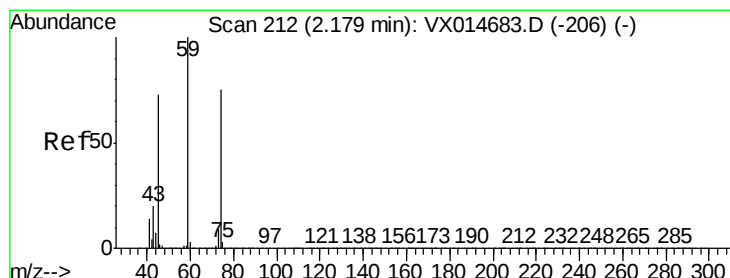
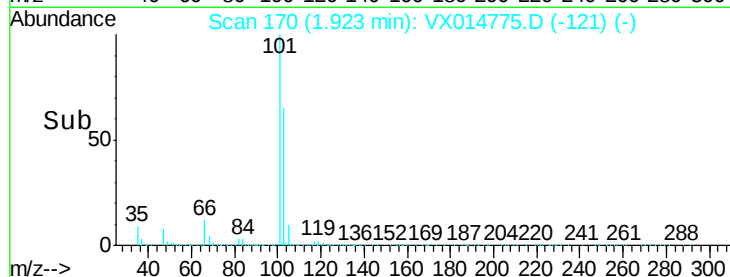
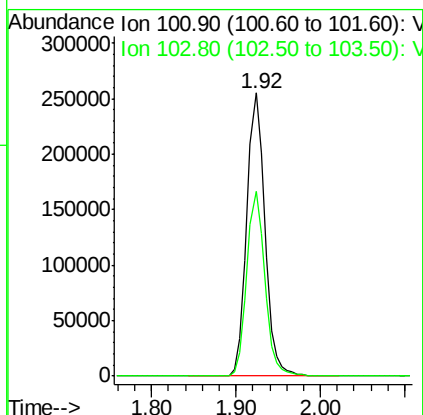
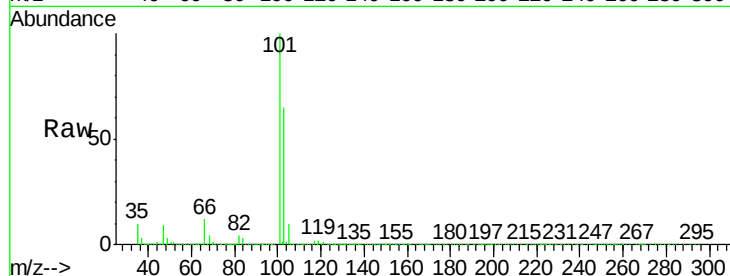
Trichlorofluoromethane
Concen: 49.977 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.0	76.6

Manual Integrations
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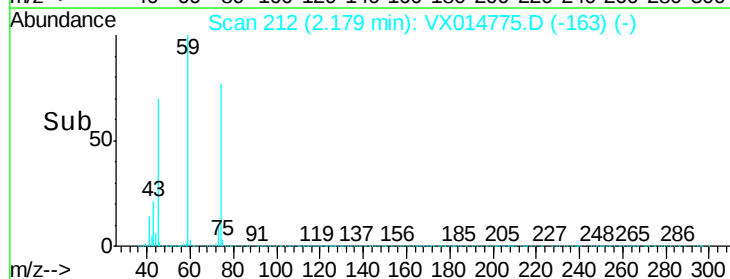
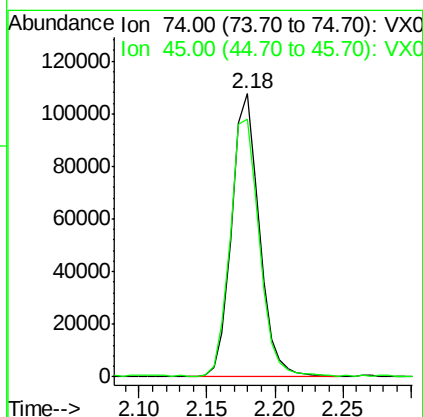
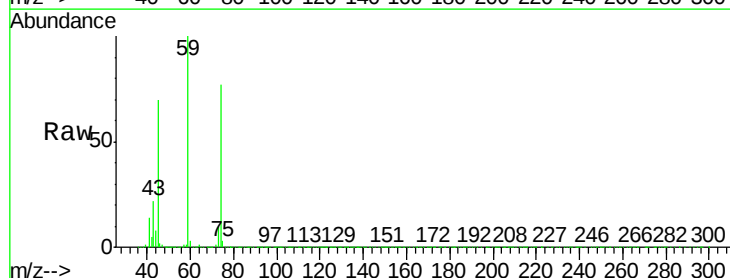
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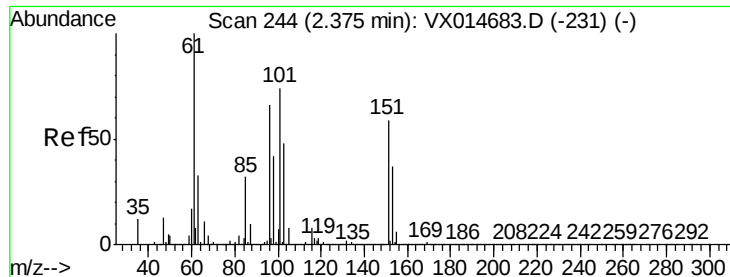


#8

Diethyl Ether
Concen: 47.451 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.146 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014775.D

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Instrument :

MSVOA_X

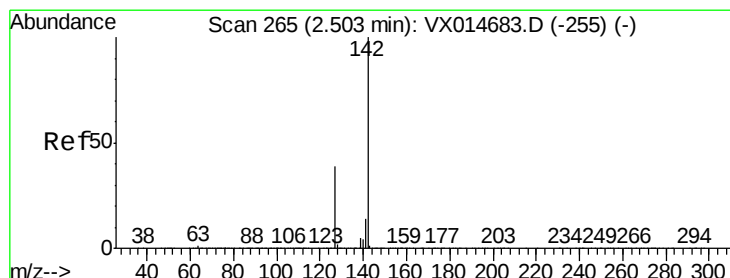
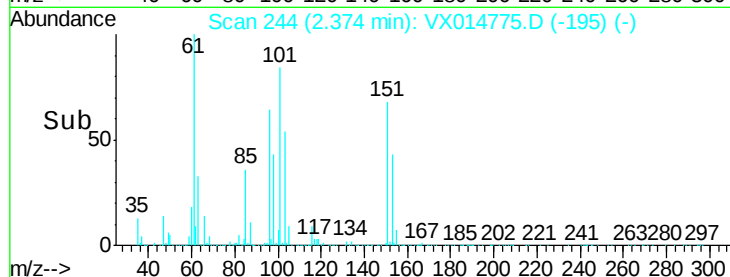
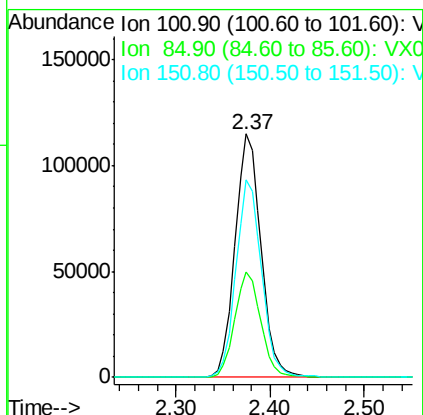
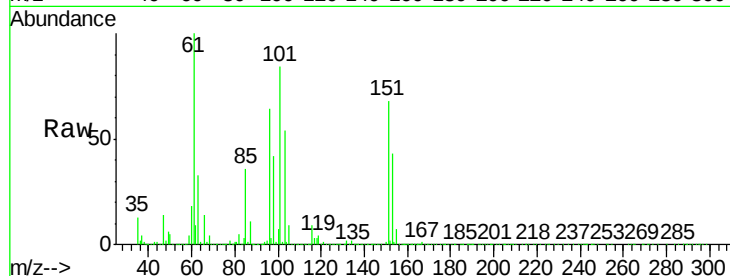
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	219478
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.7	52.1
151	80.1	64.7	97.1

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#10

Methyl Iodide

Concen: 50.714 ug/l

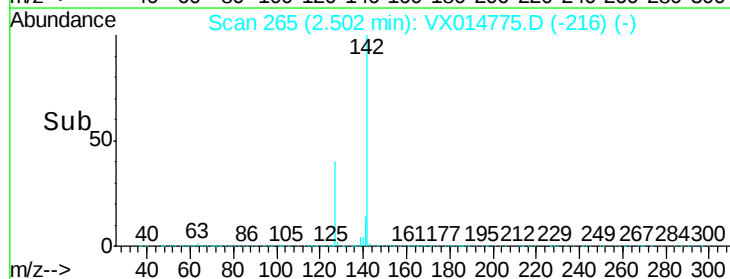
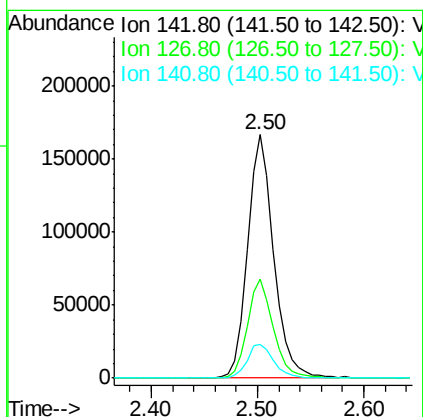
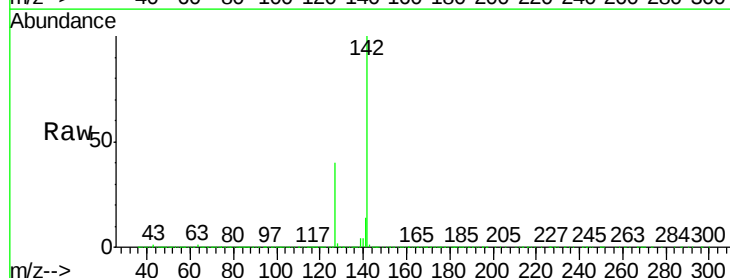
RT: 2.50 min Scan# 265

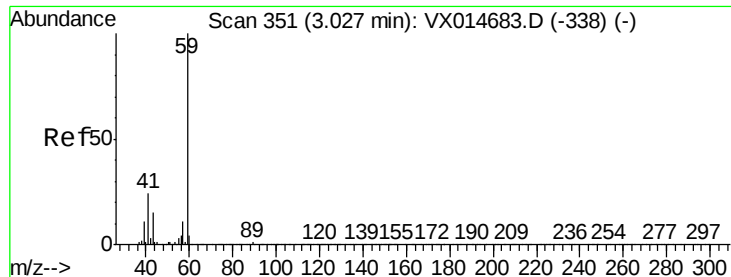
Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	142	Resp:	285560
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.1	46.7
141	14.3	11.3	16.9





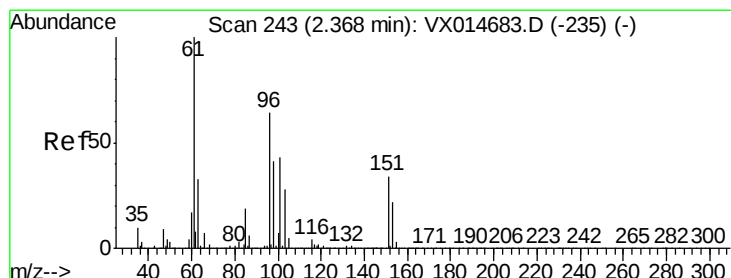
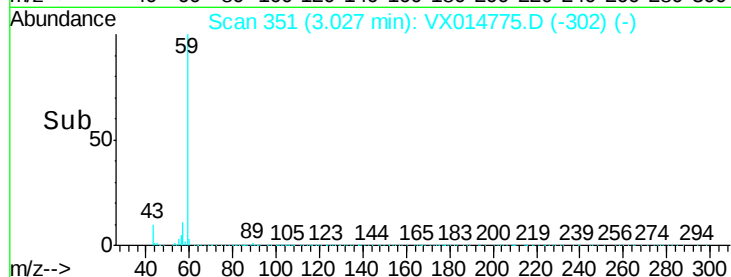
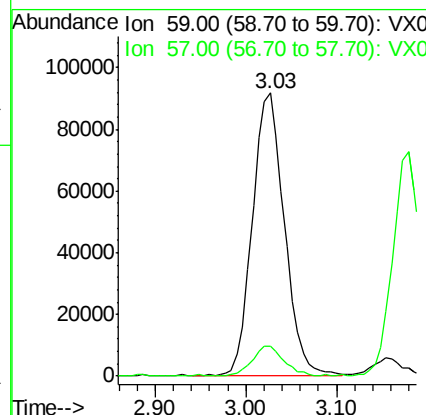
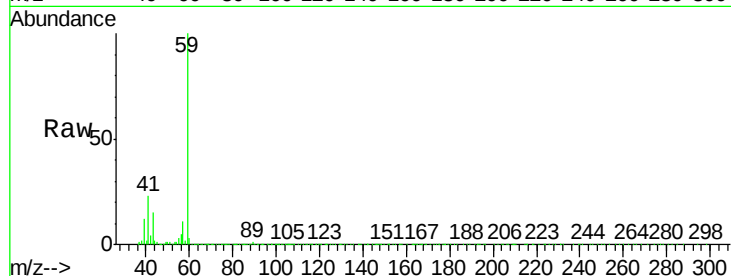
#11
Tert butyl alcohol
Concen: 199.302 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

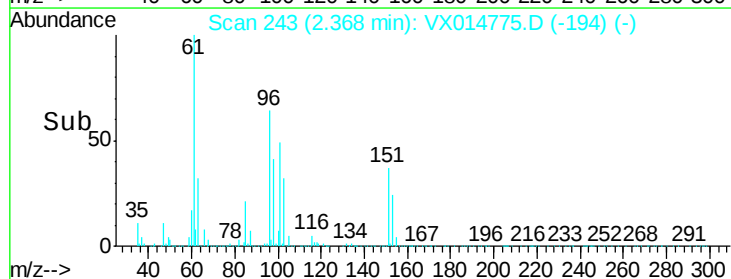
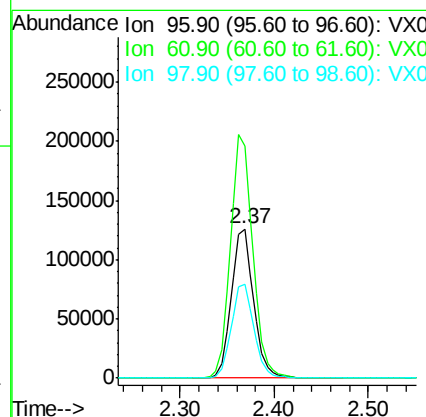
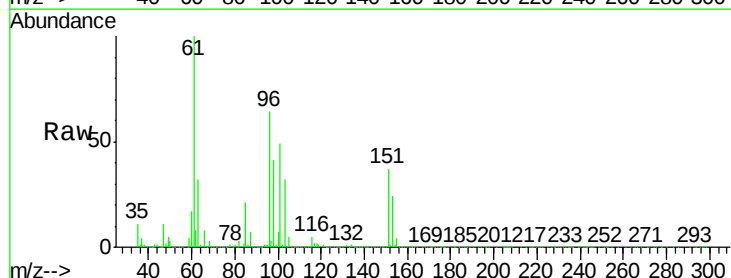
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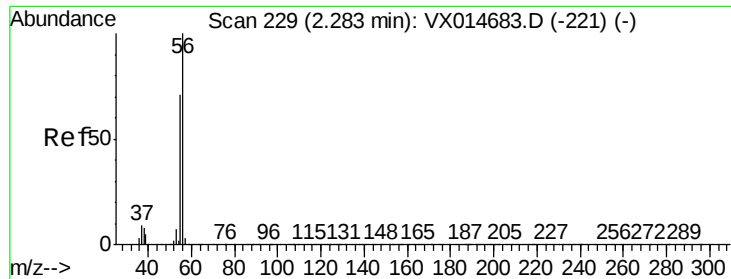
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.275 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	125.8	188.8
98	63.3	51.5	77.3





#13

Acrolein

Concen: 322.152 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 285821

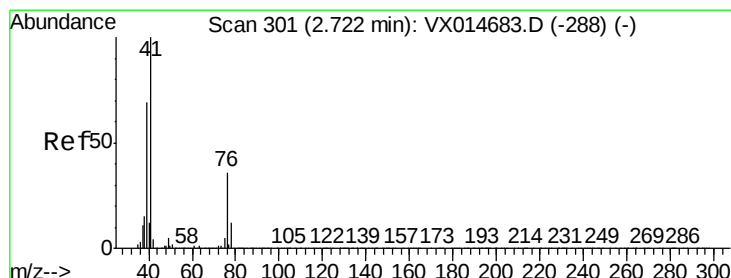
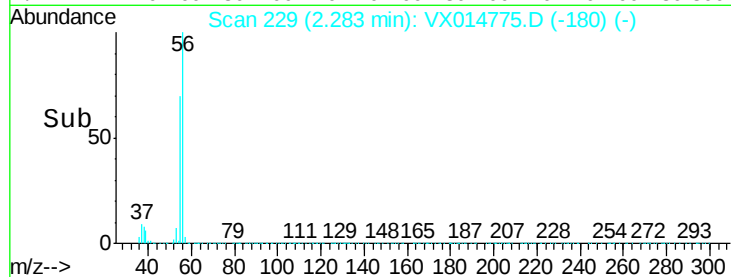
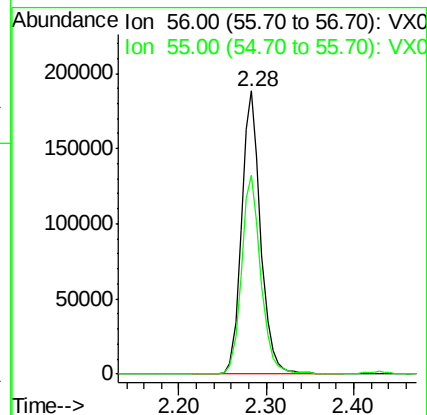
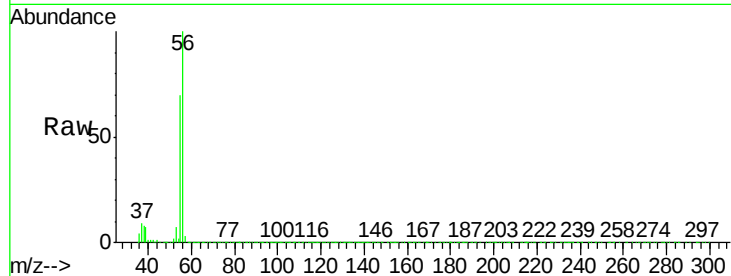
Ion Ratio Lower Upper

56 100

55 70.8 56.6 84.8

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#14

Allyl chloride

Concen: 49.301 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

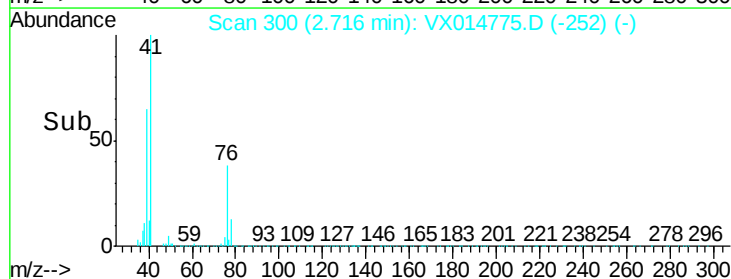
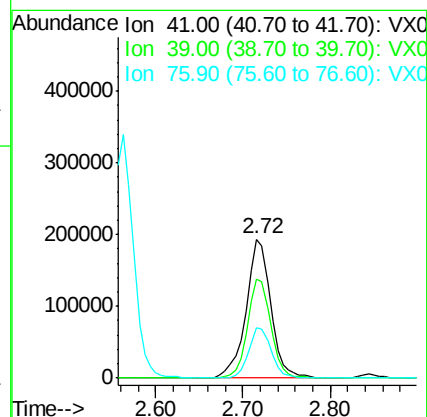
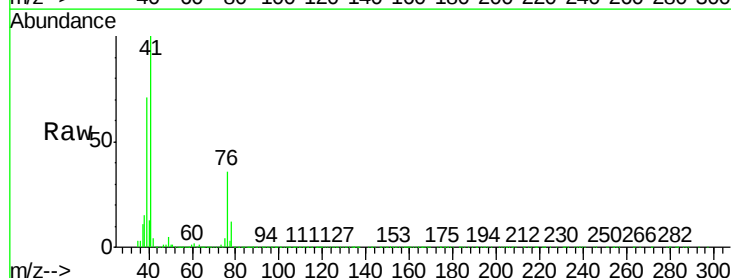
Tgt Ion: 41 Resp: 378081

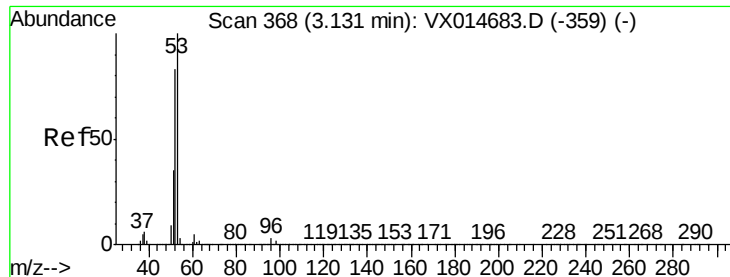
Ion Ratio Lower Upper

41 100

39 66.5 52.0 78.0

76 33.1 26.0 39.0





#15

Acrylonitrile

Concen: 233.050 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

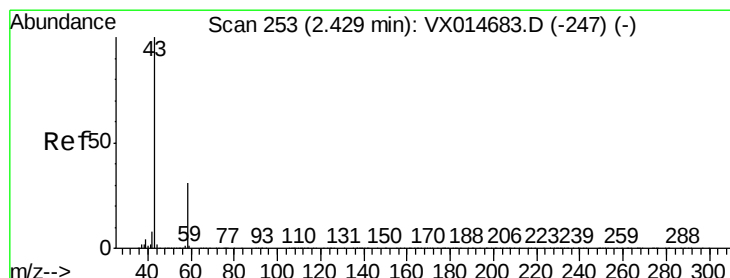
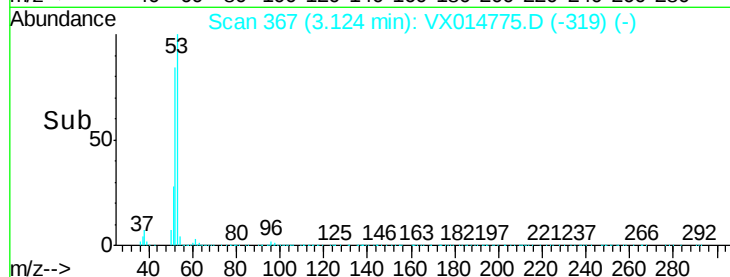
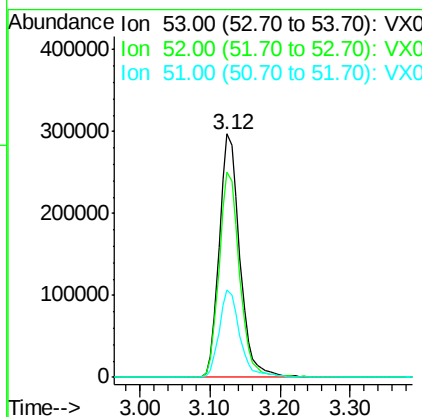
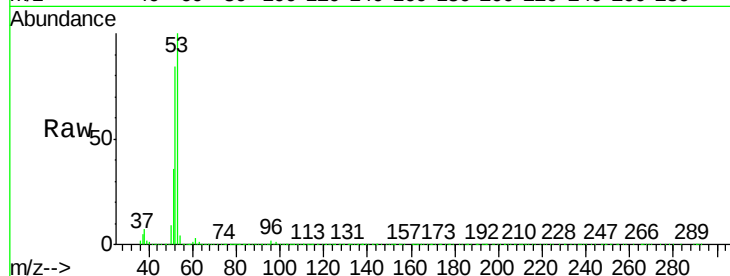
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	606755
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.4	99.6
51	36.1	28.7	43.1

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#16

Acetone

Concen: 274.176 ug/l

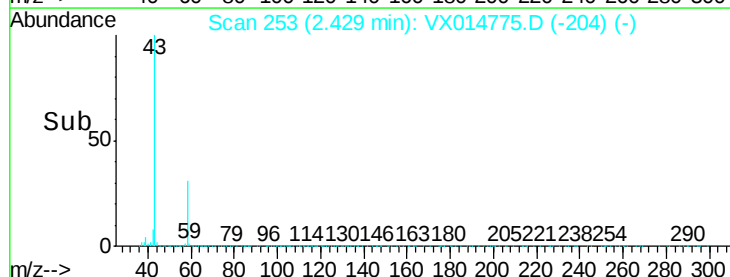
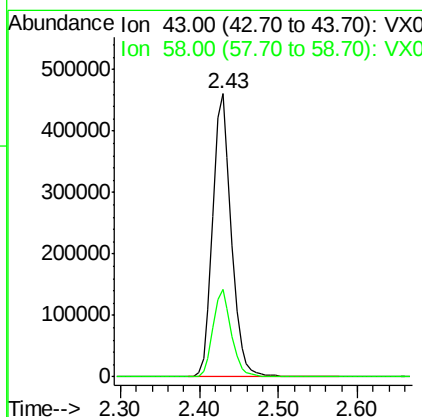
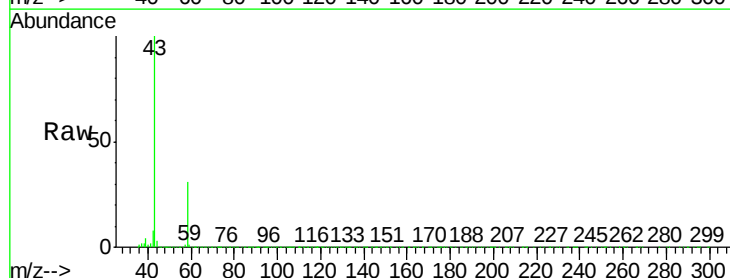
RT: 2.43 min Scan# 253

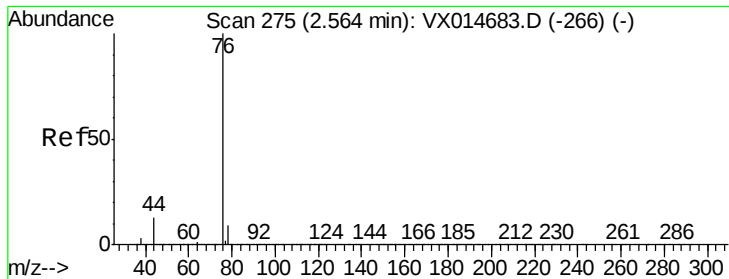
Delta R.T. 0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	43	Resp:	753170
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.5	36.7





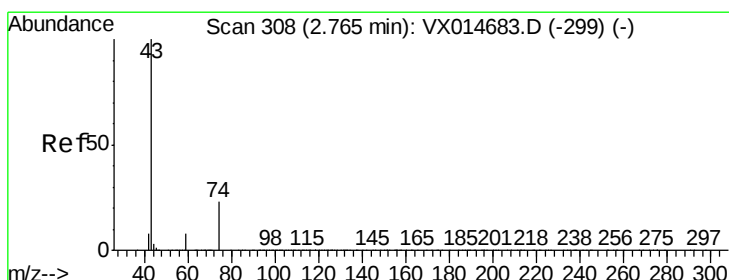
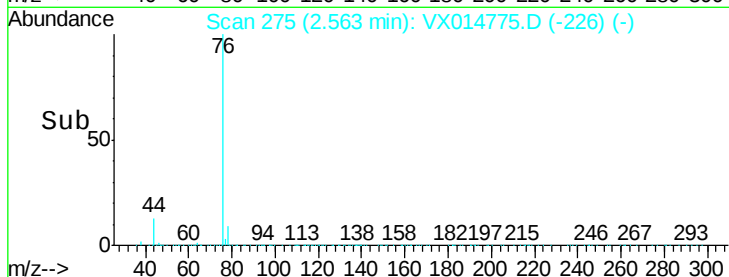
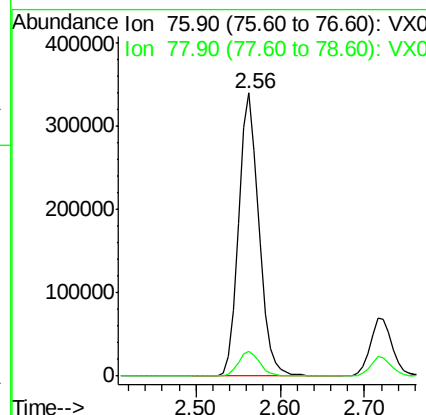
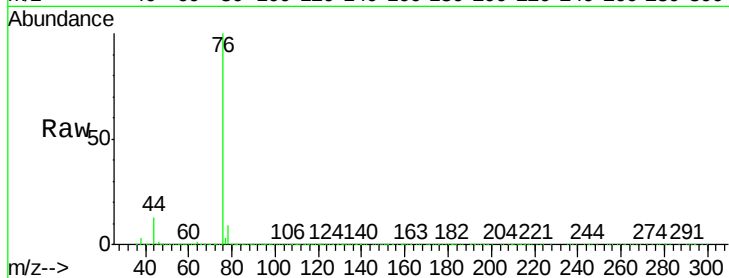
#17
Carbon Disulfide
Concen: 47.124 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

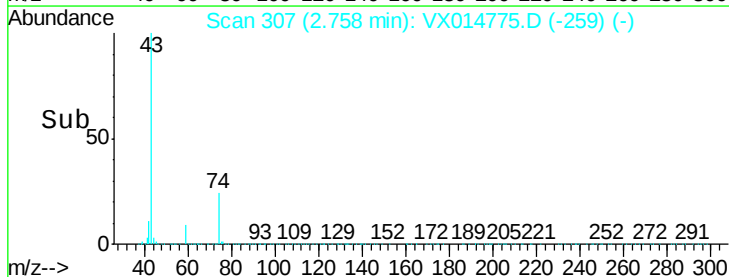
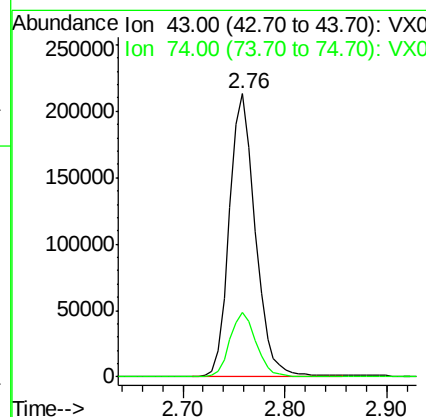
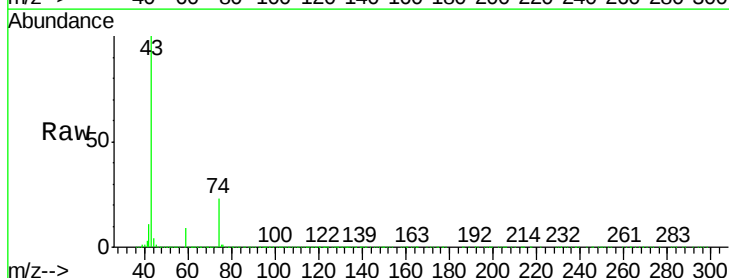
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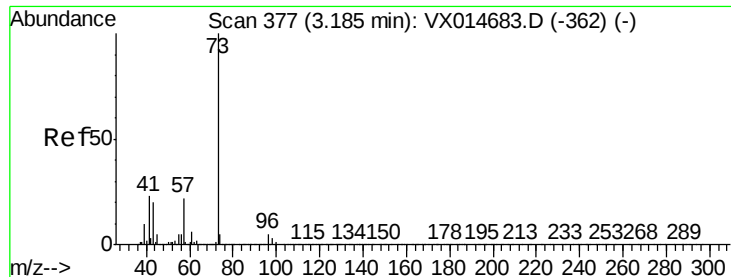
MMDadoda
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#18
Methyl Acetate
Concen: 47.593 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.5	27.7





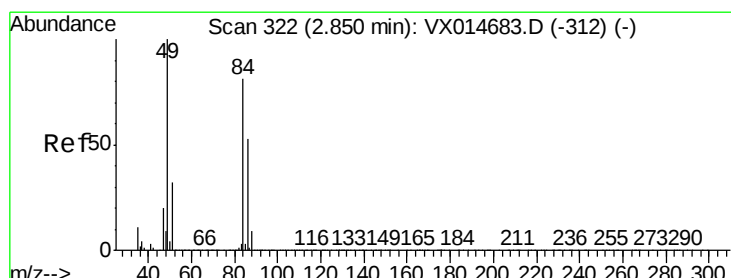
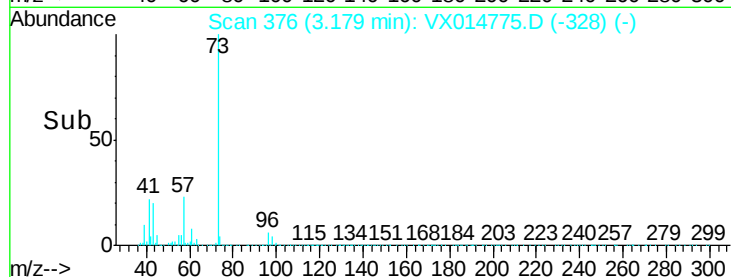
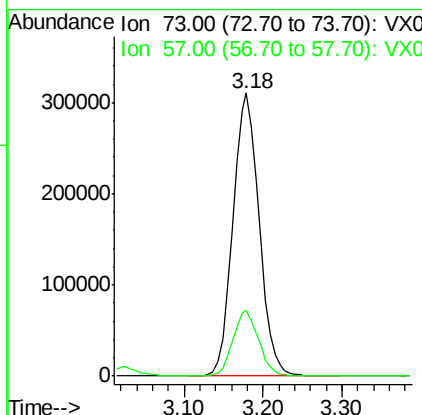
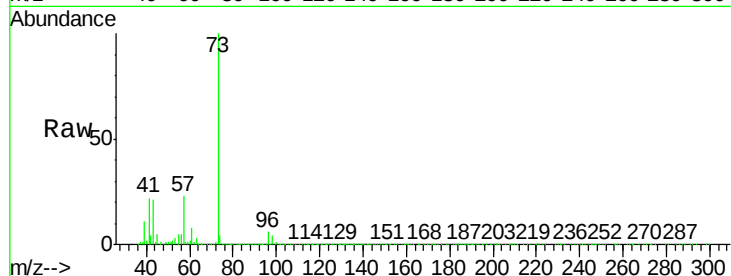
#19
Methyl tert-butyl Ether
Concen: 51.219 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.0	27.0

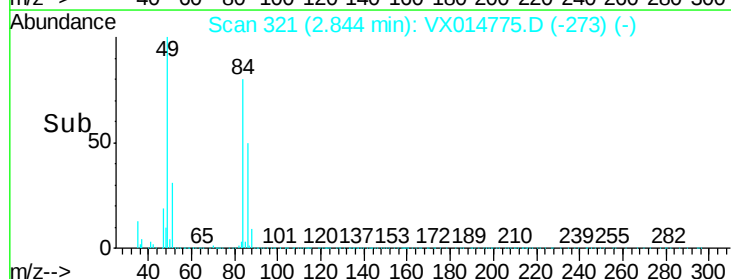
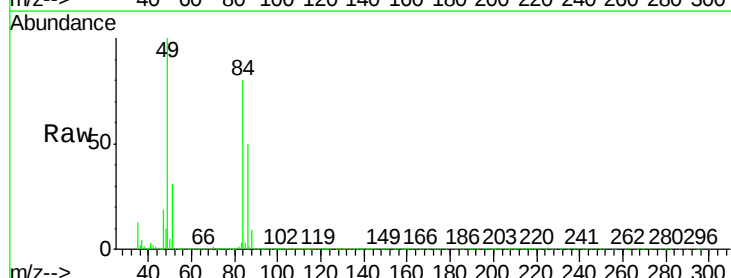
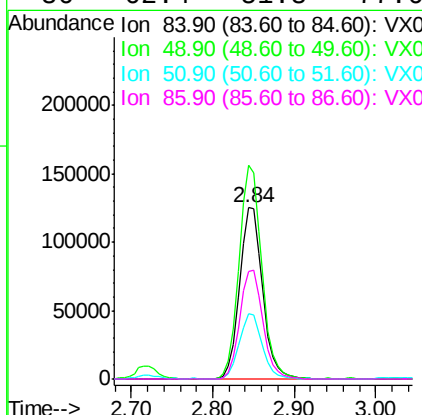
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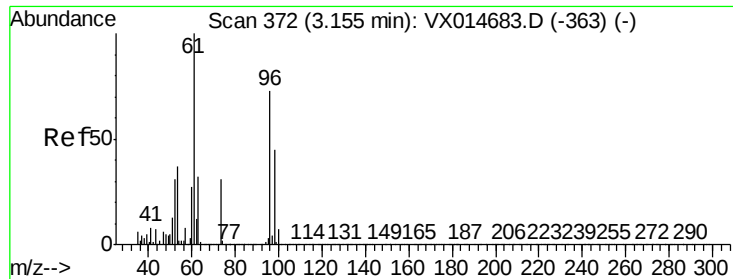
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#20
Methylene Chloride
Concen: 47.799 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	98.2	147.4
51	38.2	31.3	46.9
86	62.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.288 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

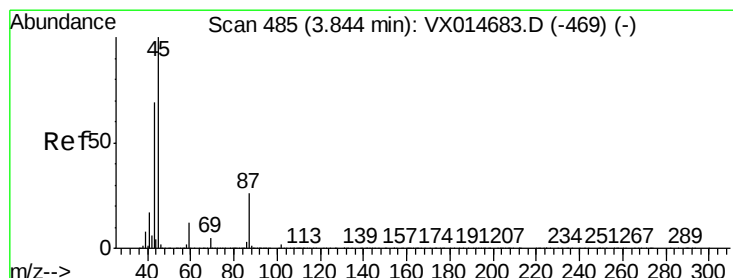
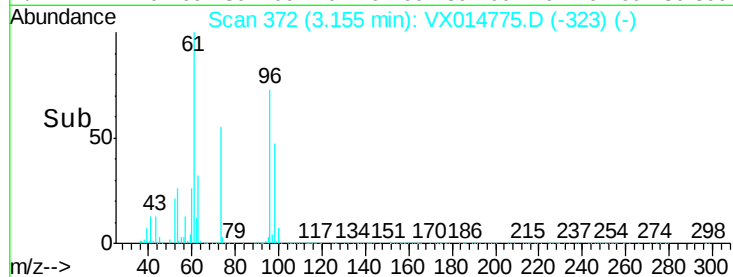
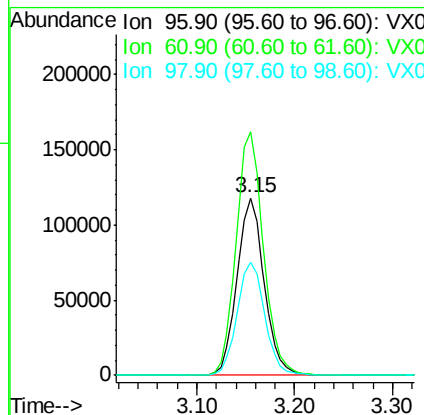
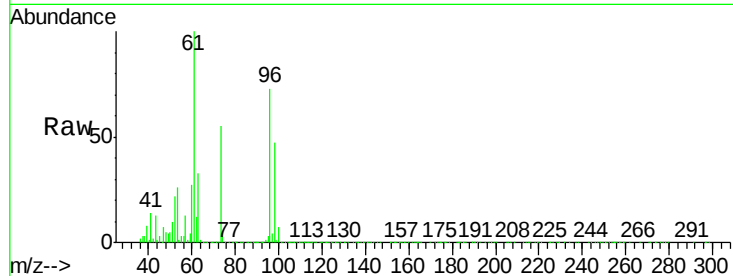
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	226845
Ion Ratio	Lower	Upper	
96	100		
61	137.4	109.8	164.6
98	64.0	49.6	74.4

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#22

Diisopropyl ether

Concen: 51.680 ug/l

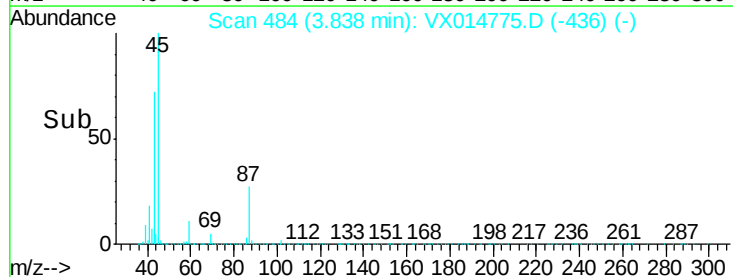
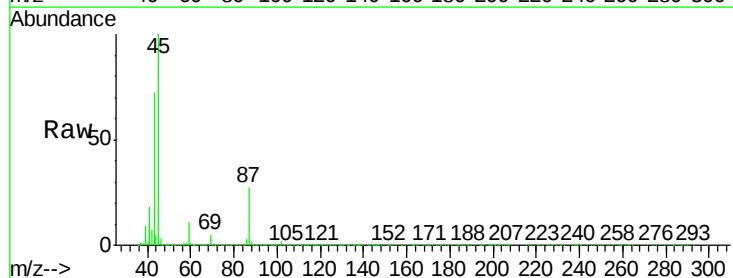
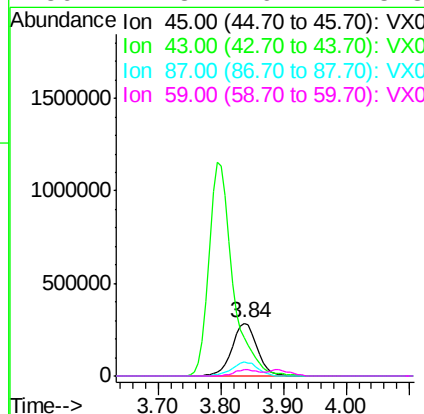
RT: 3.84 min Scan# 484

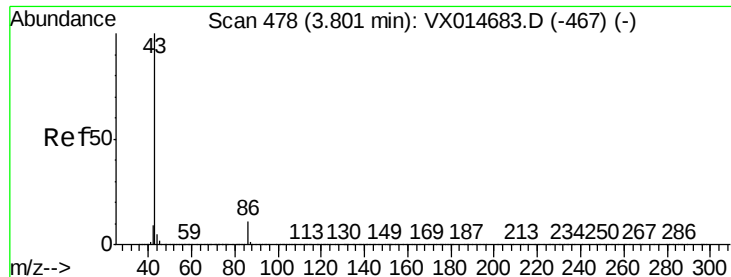
Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	45	Resp:	788511
Ion Ratio	Lower	Upper	
45	100		
43	71.3	55.1	82.7
87	27.3	20.7	31.1
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 261.418 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3040481

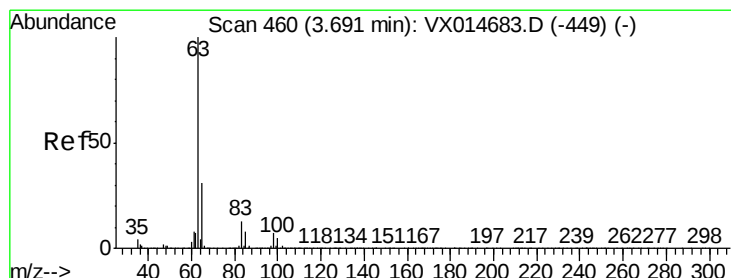
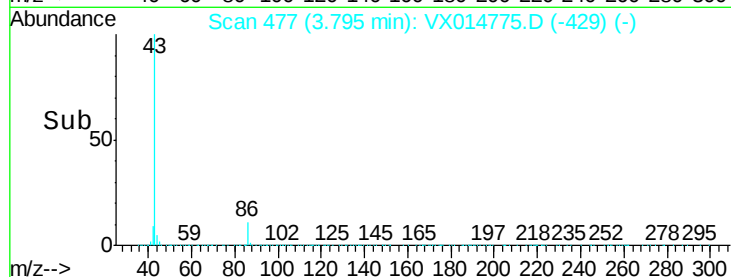
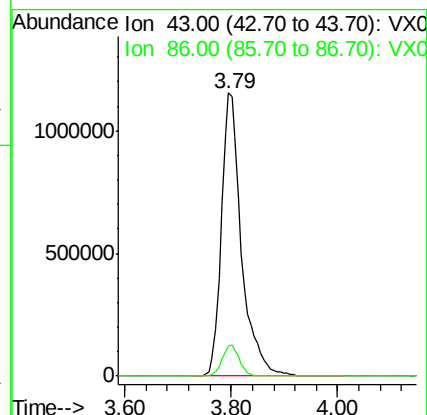
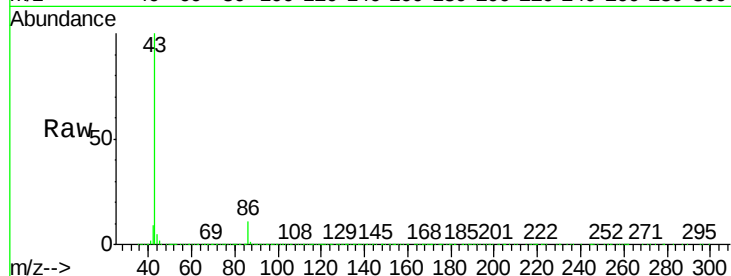
Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 50.551 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

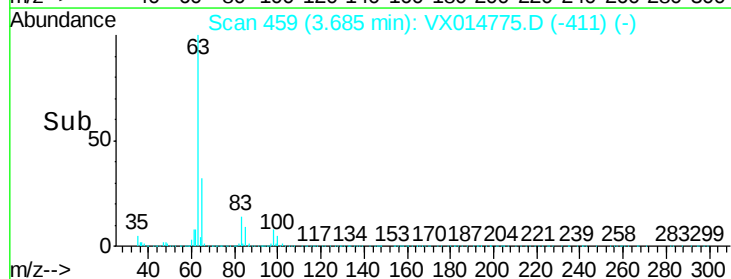
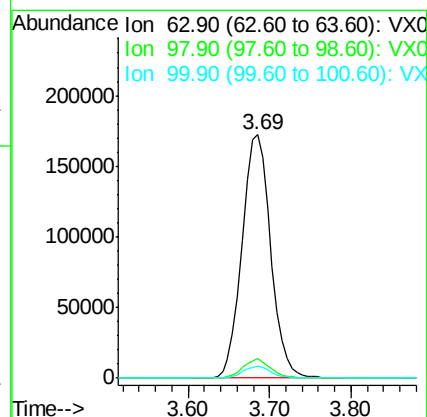
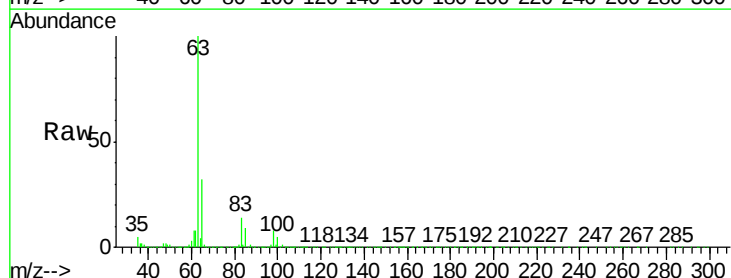
Tgt Ion: 63 Resp: 418863

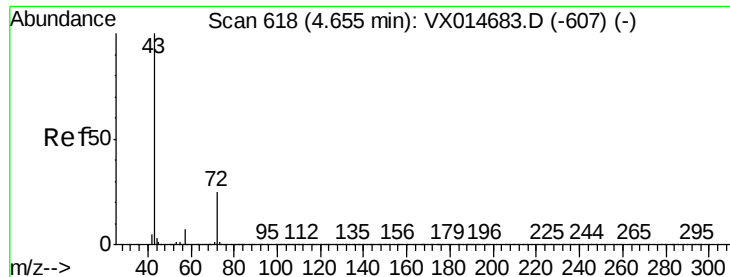
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 243.400 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014775.D

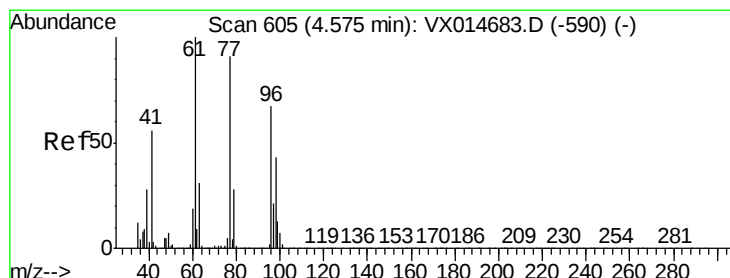
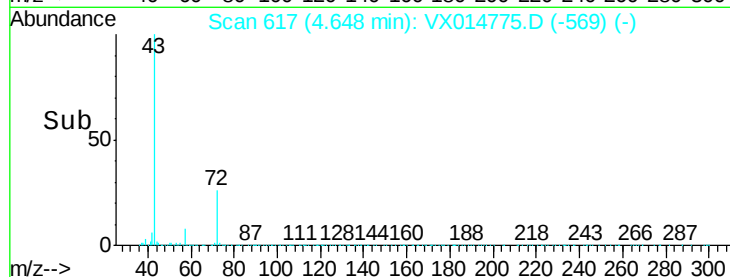
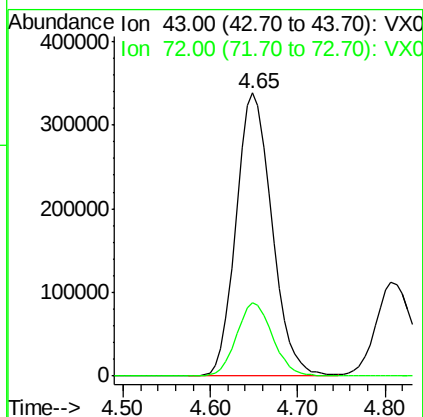
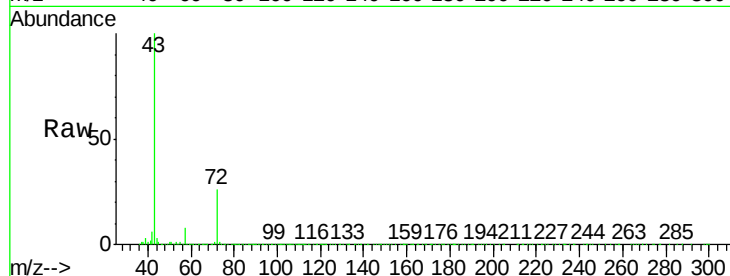
Acq: 31 Jan 2020 10:52

Tot Ion:	43	Resp:	957925
Ion Ratio		Lower	Upper
43	100		
72	25.8	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 52.861 ug/l

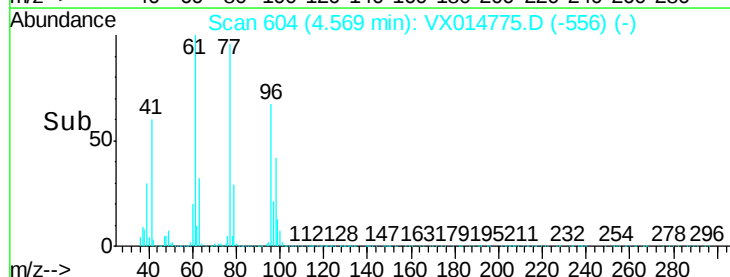
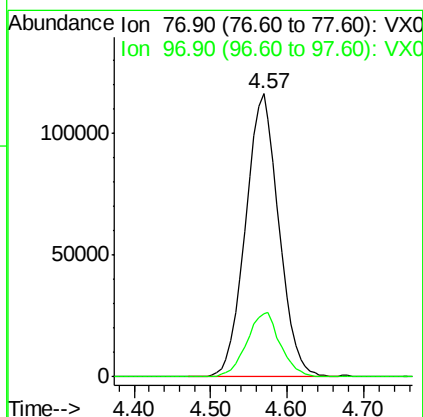
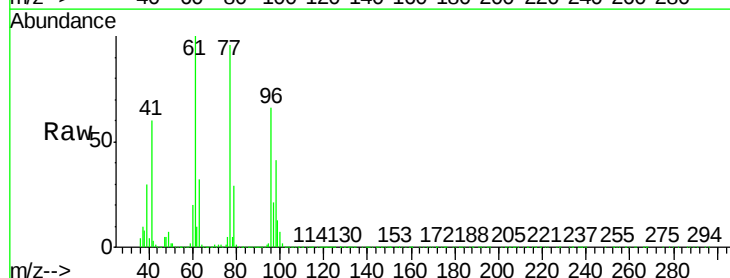
RT: 4.57 min Scan# 604

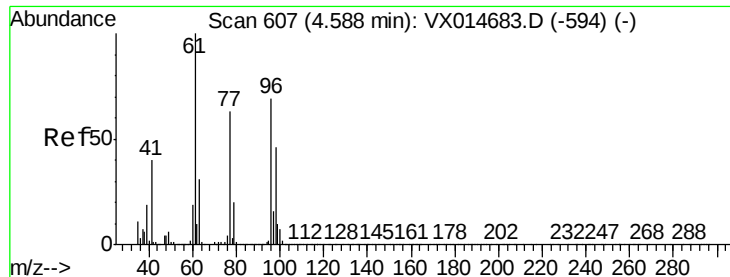
Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	77	Resp:	350592
Ion Ratio		Lower	Upper
77	100		
97	22.8	11.8	35.3





#27

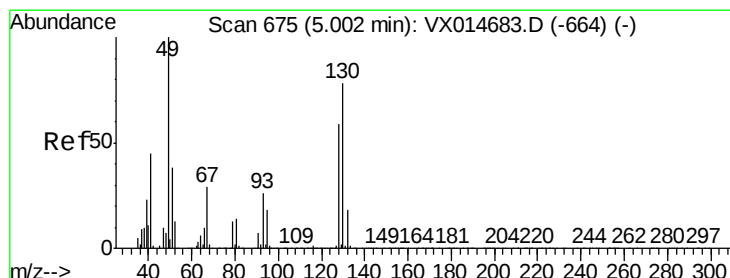
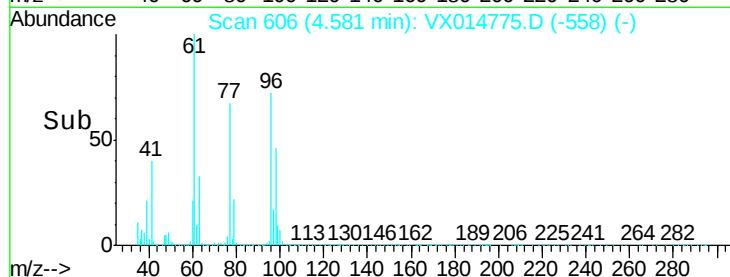
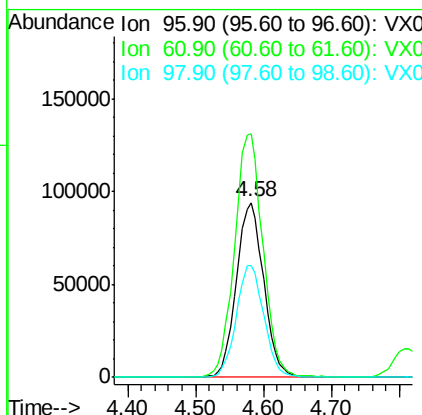
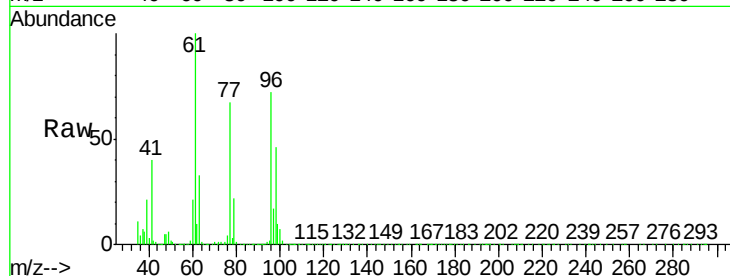
cis-1,2-Dichloroethene
Concen: 49.733 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	261482		
61	145.0	0.0	291.0	
98	64.3	0.0	129.8	

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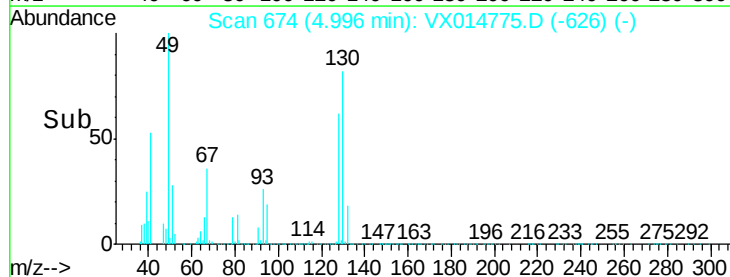
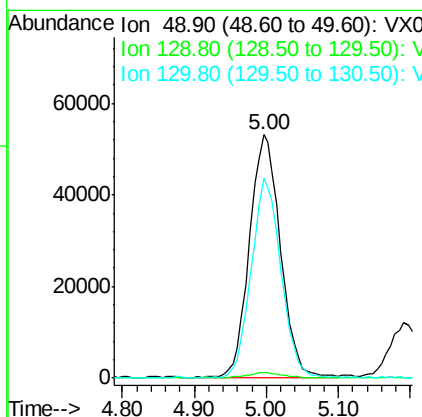
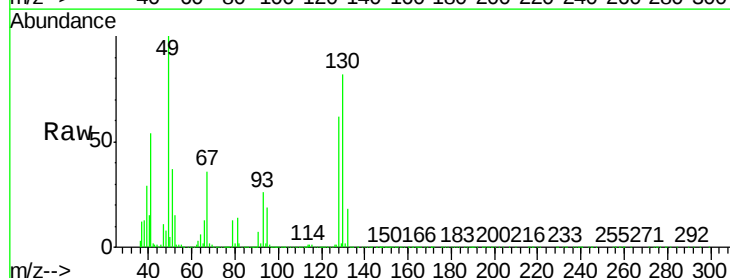
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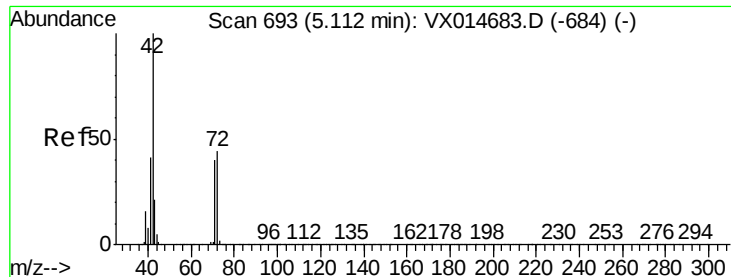


#28

Bromochloromethane
Concen: 43.281 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	157592		
129	2.6	0.0	4.8	
130	79.2	62.4	93.6	





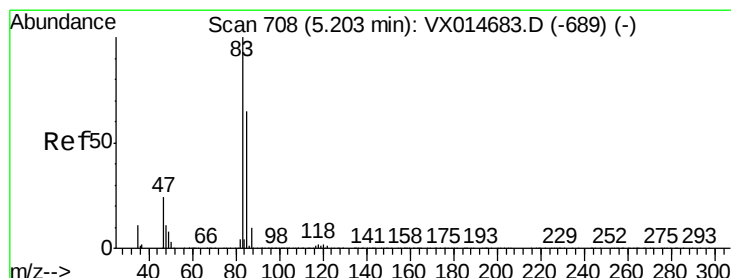
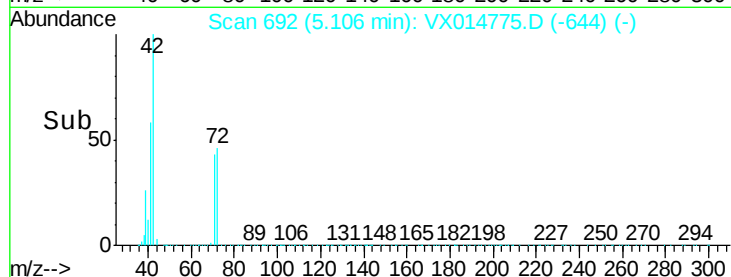
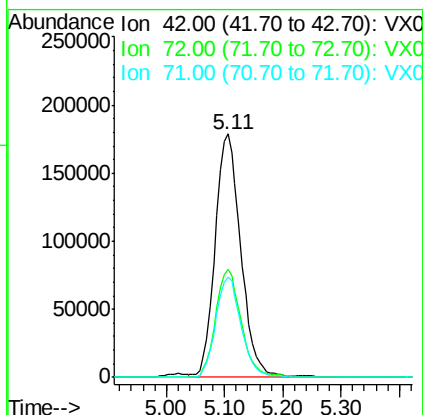
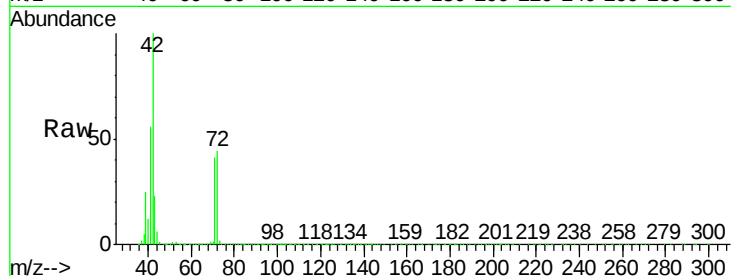
#29
Tetrahydrofuran
Concen: 232.281 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	542575
Ion Ratio		Lower	Upper
42	100		
72	44.5	35.3	52.9
71	40.9	33.1	49.7

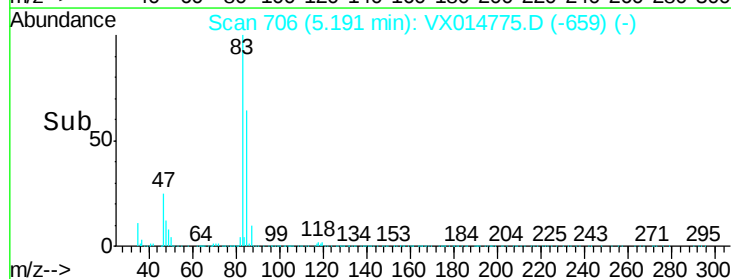
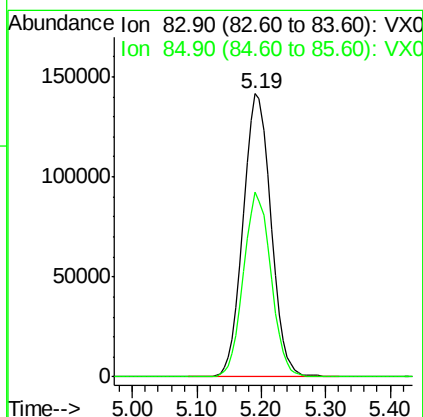
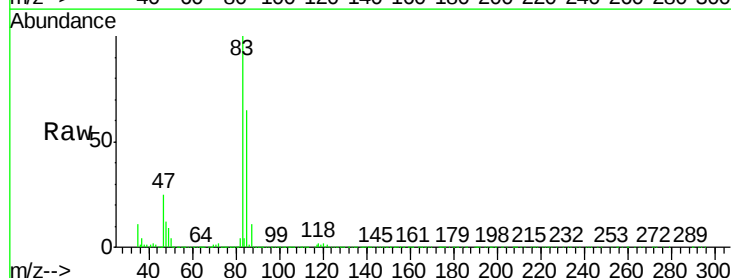
Manual Integrations
APPROVED

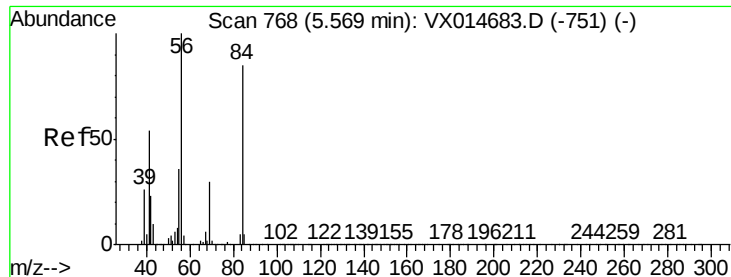
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#30
Chloroform
Concen: 51.339 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion:	83	Resp:	421398
Ion Ratio		Lower	Upper
83	100		
85	65.0	51.7	77.5





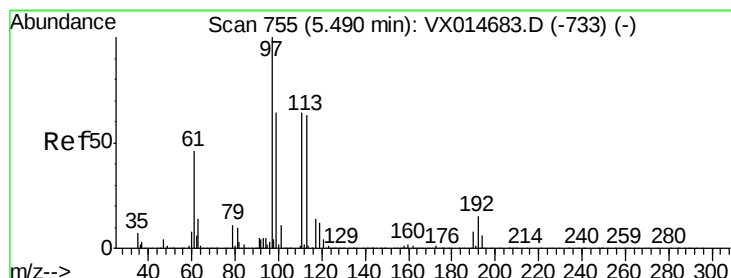
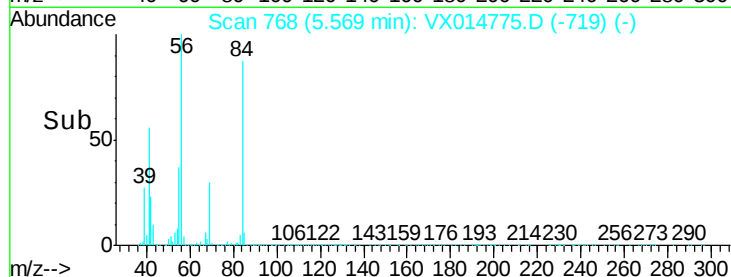
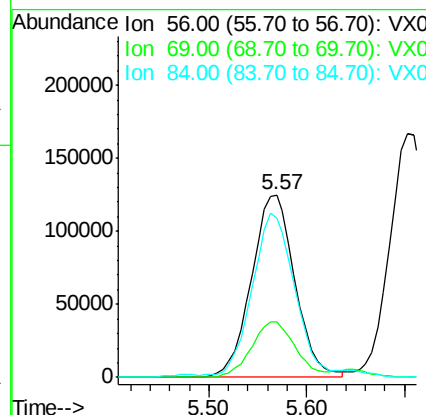
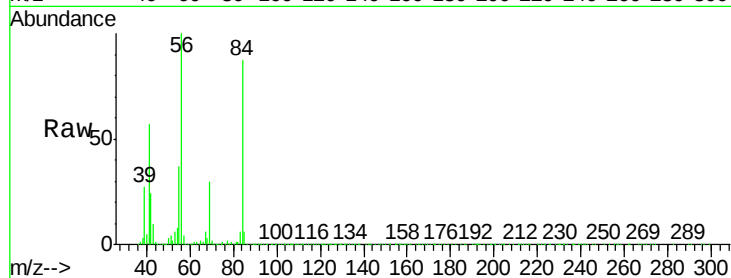
#31
Cyclohexane
Concen: 49.471 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.2
84	85.8	68.4	102.6

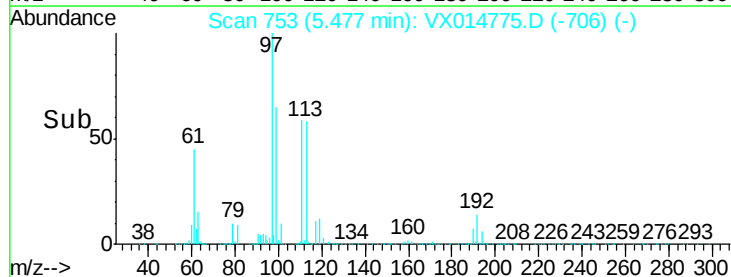
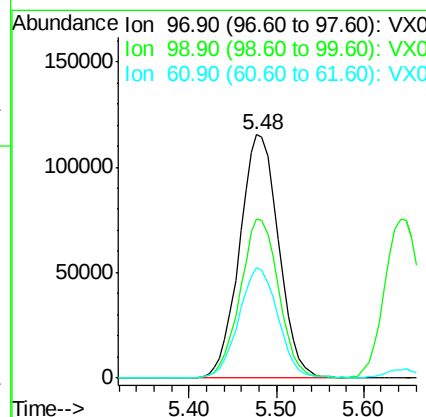
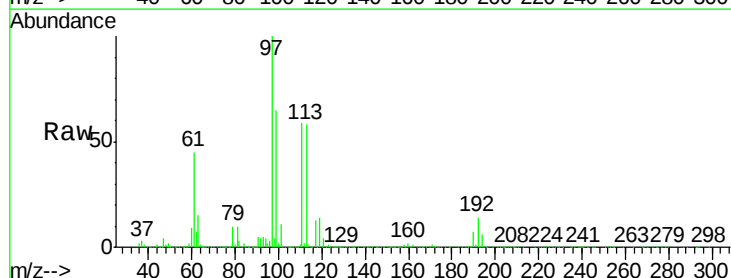
Manual Integrations
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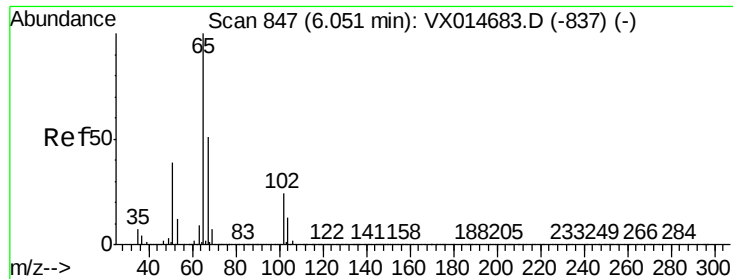
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#32
1,1,1-Trichloroethane
Concen: 51.564 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.3	78.5
61	45.3	37.2	55.8





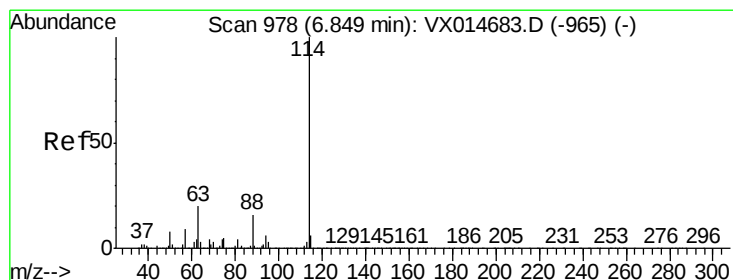
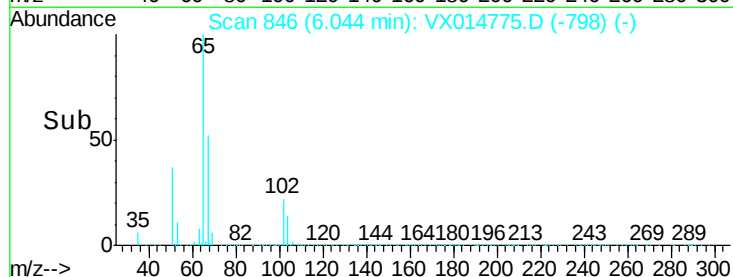
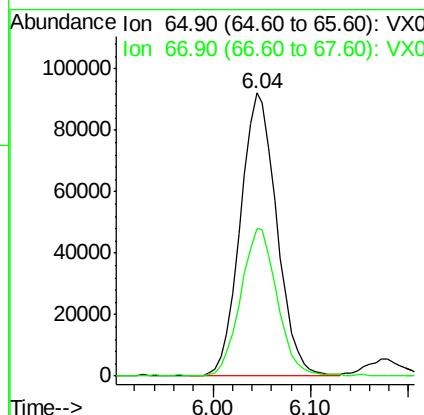
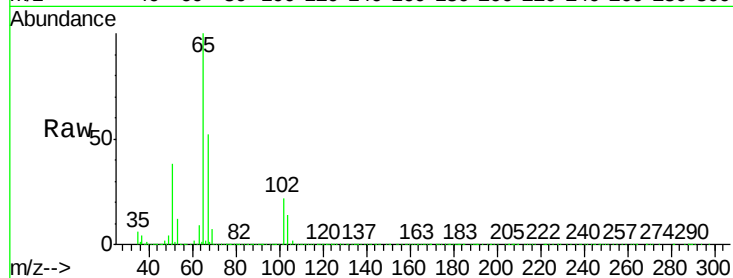
#33
 1,2-Dichloroethane-d4
 Concen: 47.408 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	237606		
67	51.8	0.0	107.4	

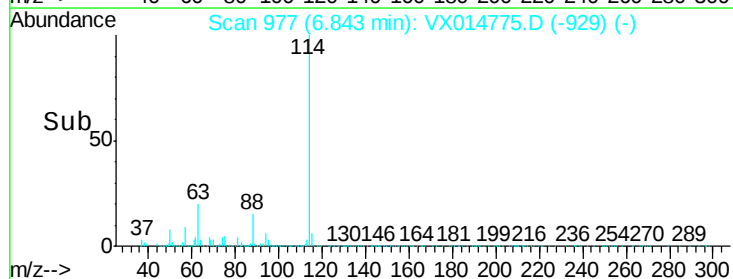
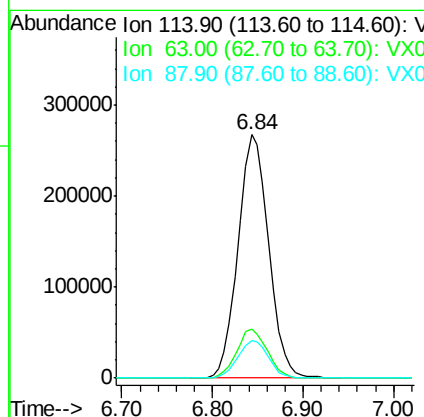
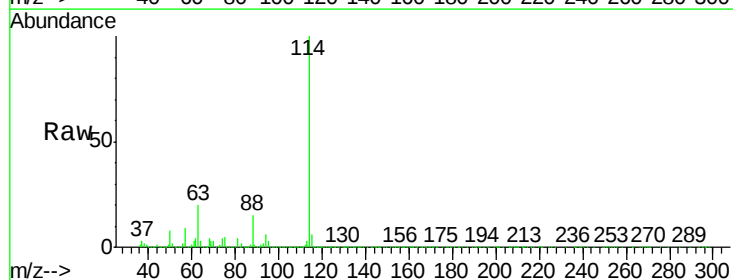
Manual Integrations
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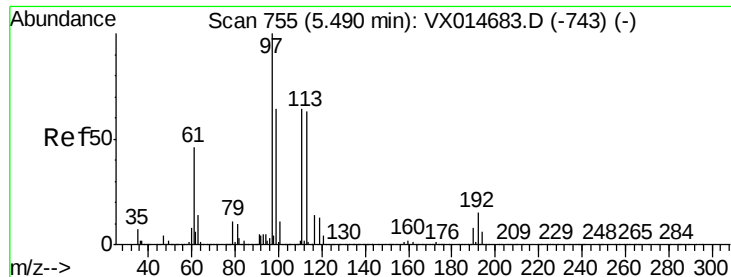
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 2/4/2020 3:35:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	624912		
63	20.0	0.0	40.6	
88	15.3	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.486 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

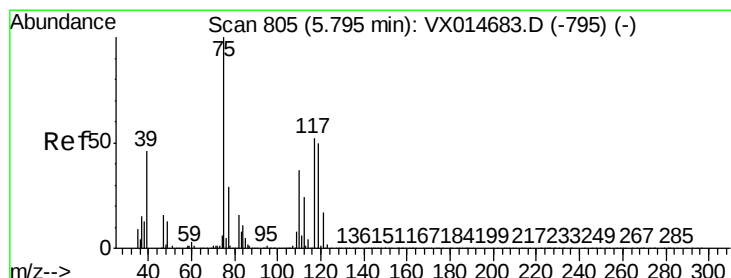
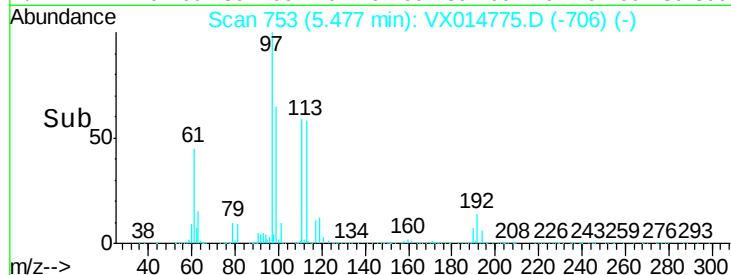
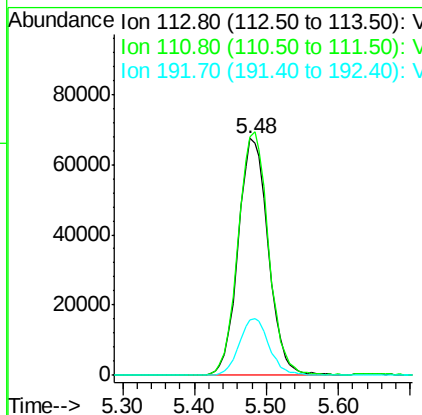
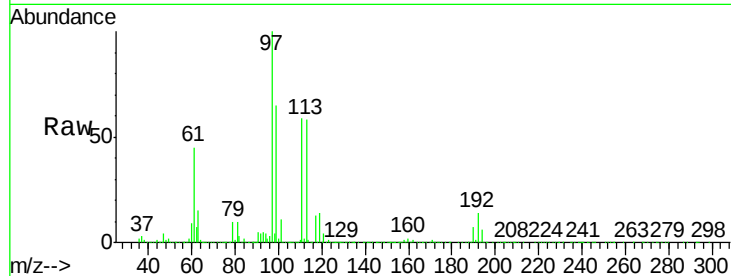
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	195129
Ion Ratio	Lower	Upper	
113	100		
111	103.9	80.7	121.1
192	24.0	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.314 ug/l

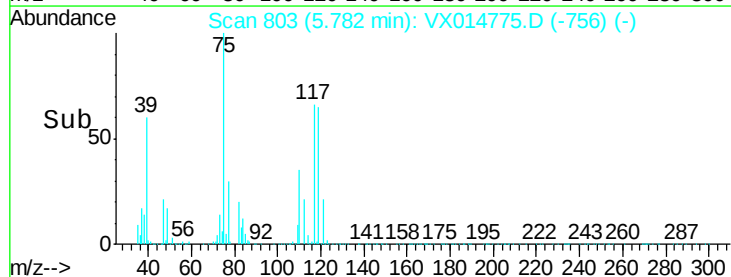
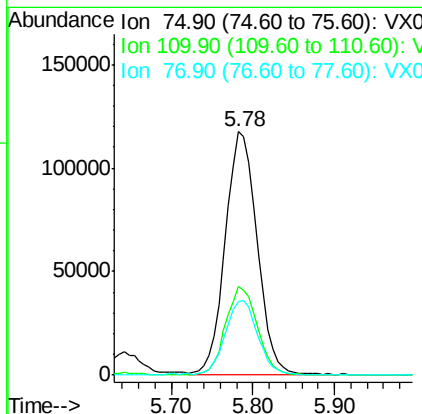
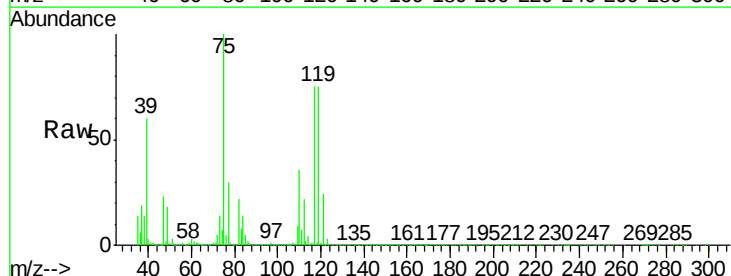
RT: 5.78 min Scan# 803

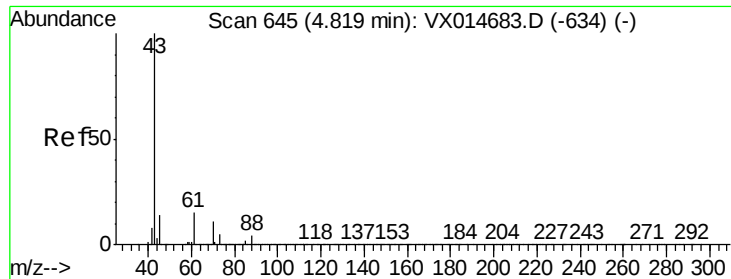
Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	75	Resp:	315384
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.9	53.7
77	30.7	24.1	36.1





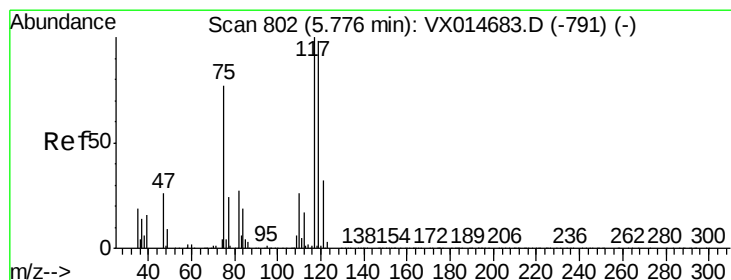
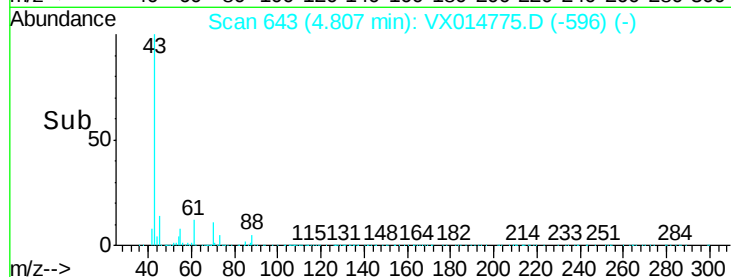
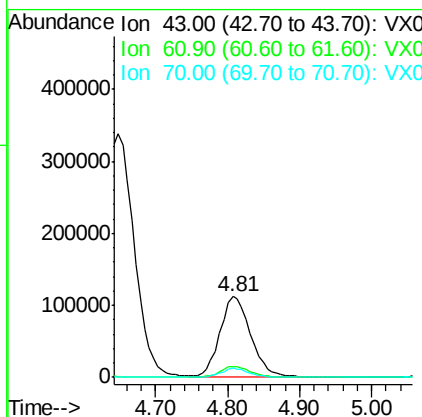
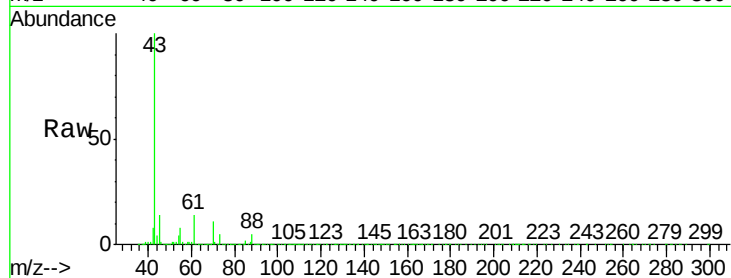
#37
Ethyl Acetate
Concen: 50.024 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.4
70	10.0	8.5	12.7

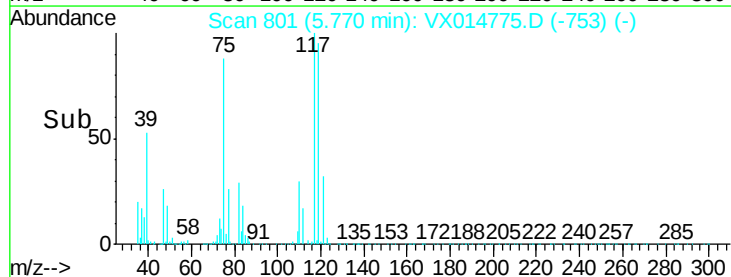
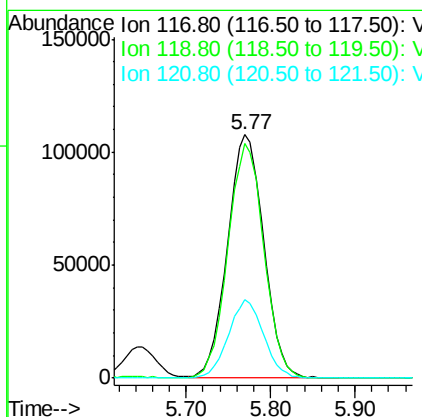
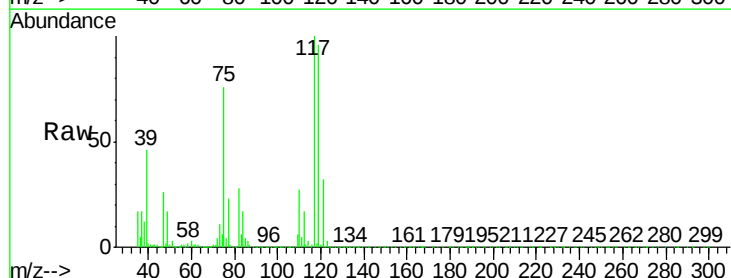
Manual Integrations
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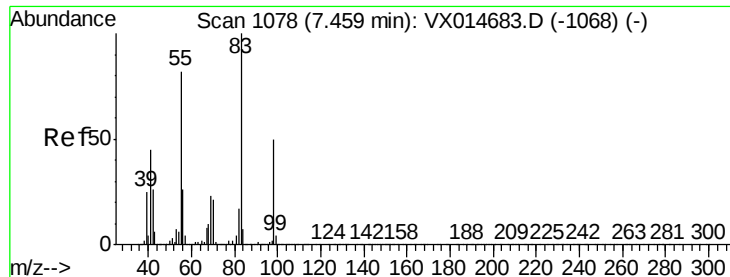
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#38
Carbon Tetrachloride
Concen: 56.379 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.9	116.9
121	32.3	25.4	38.2





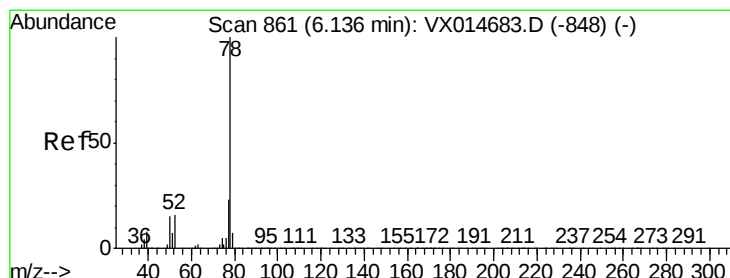
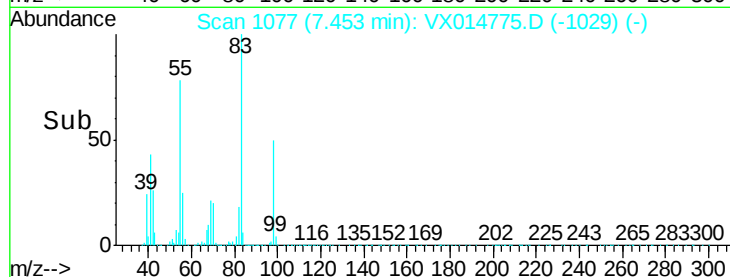
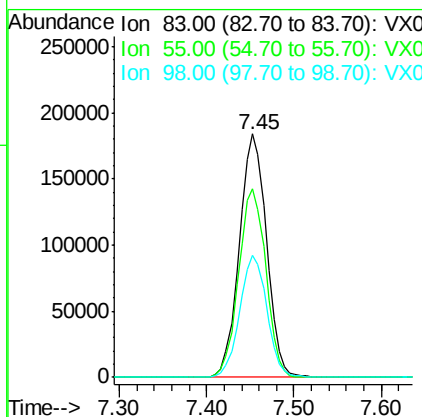
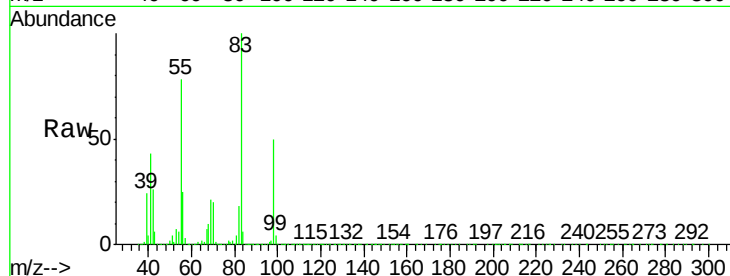
#39
Methvlcvclohexane
Concen: 54.441 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	396025		
55	77.6	65.6	98.4	
98	49.8	40.2	60.4	

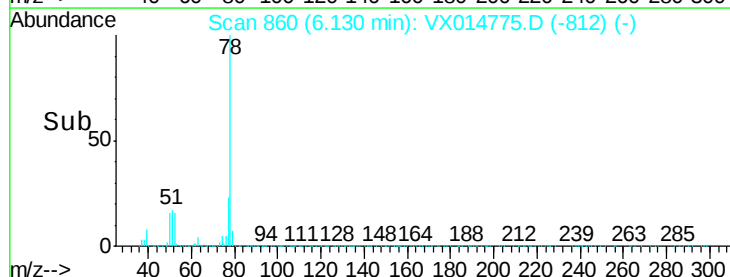
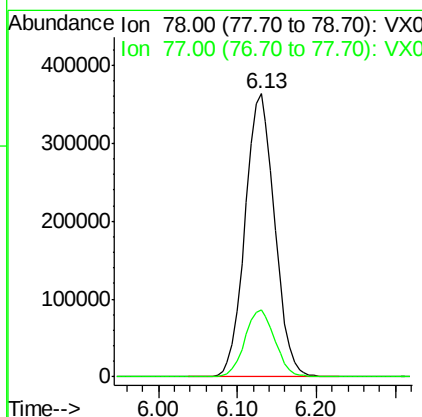
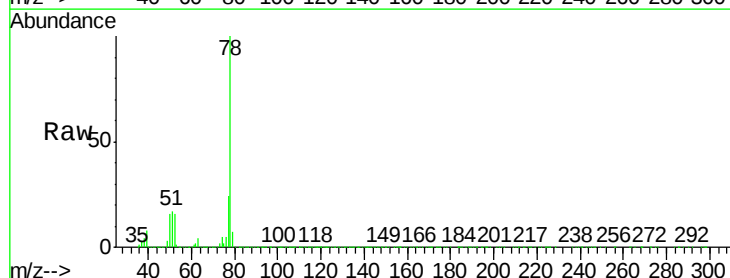
Manual Integrations
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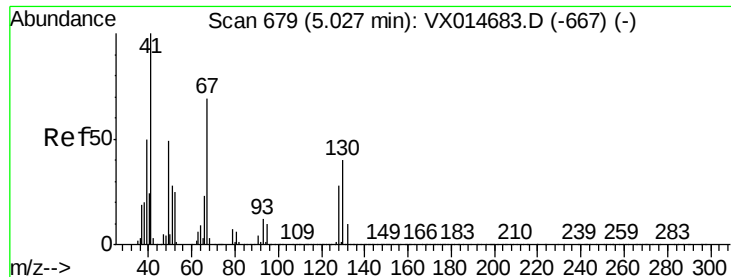
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#40
Benzene
Concen: 52.872 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	948606		
77	23.8	18.7	28.1	





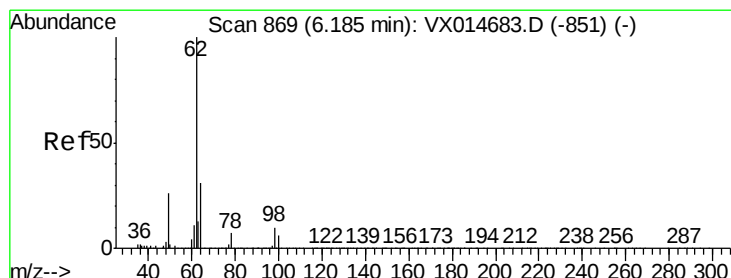
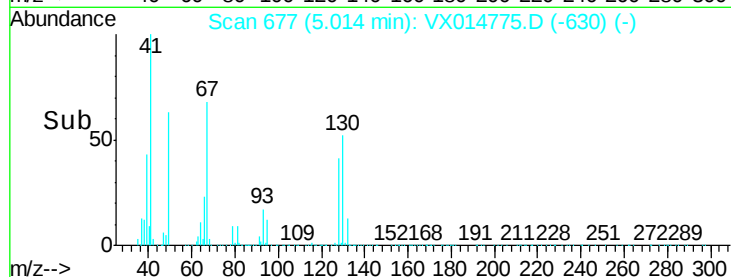
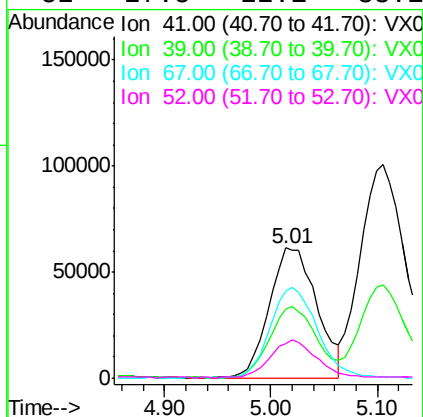
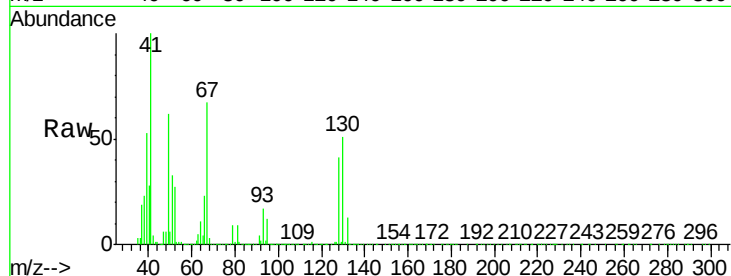
#41
Methacrylonitrile
Concen: 49.722 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		188660		
39	54.3	42.2	63.2		
67	69.4	55.4	83.0		
52	27.5	22.1	33.1		

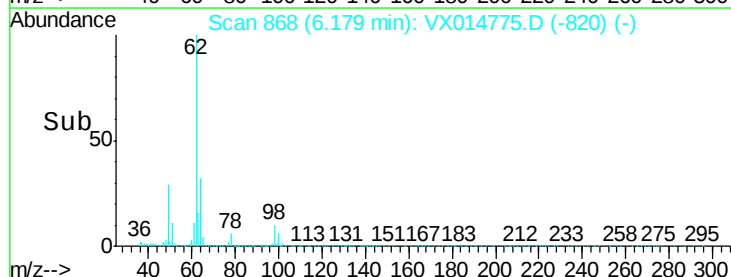
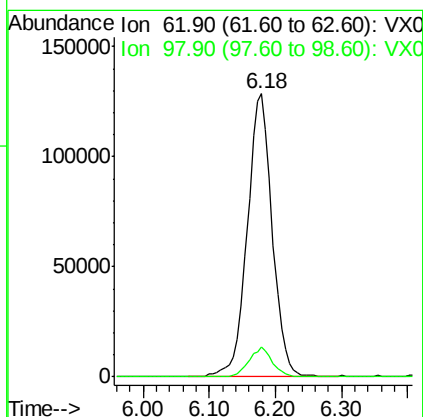
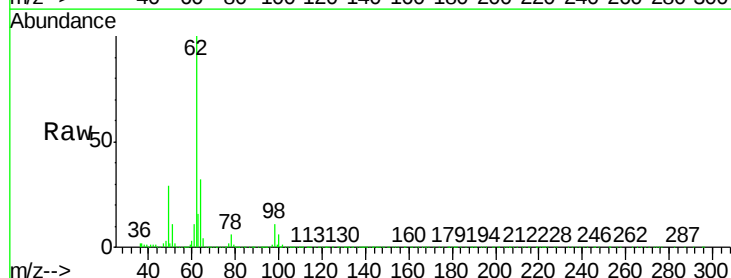
Manual Integrations
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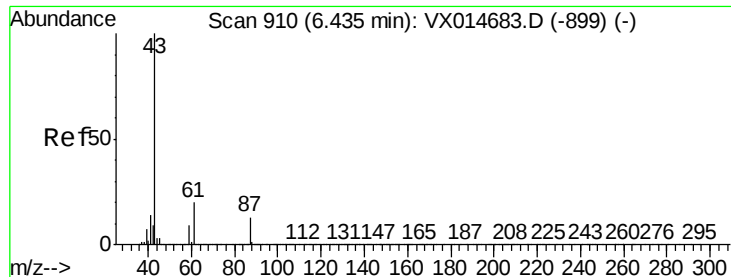
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#42
1,2-Dichloroethane
Concen: 54.425 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		337194		
98	9.7	0.0	20.0		





#43

Isopropyl Acetate

Concen: 50.523 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

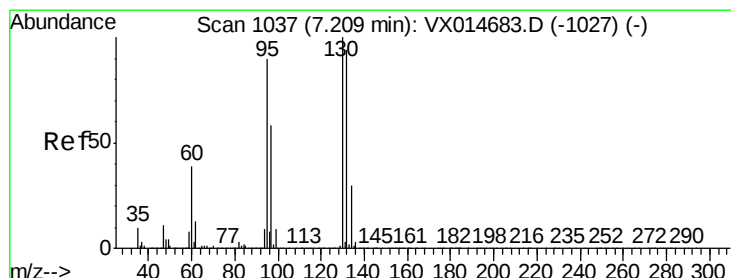
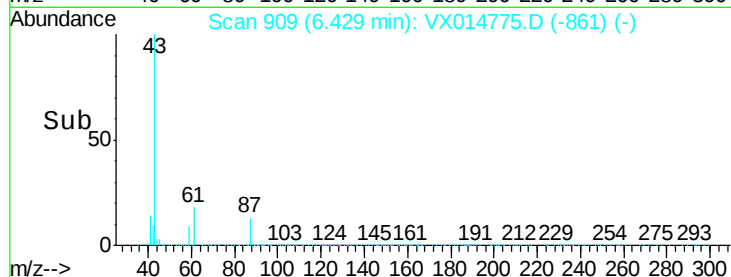
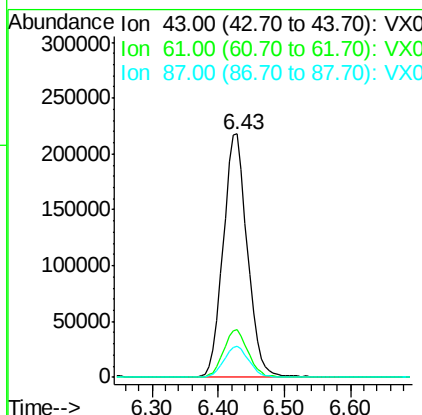
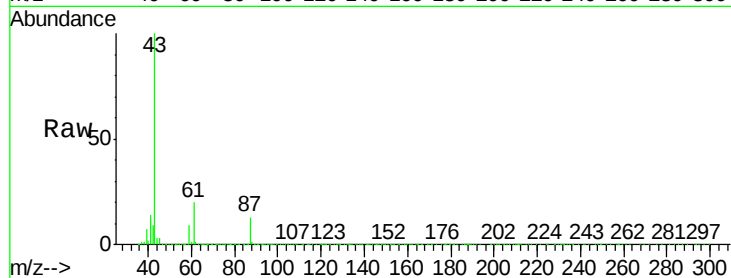
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.4
87	13.1	10.5	15.7

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#44

Trichloroethene

Concen: 52.505 ug/l

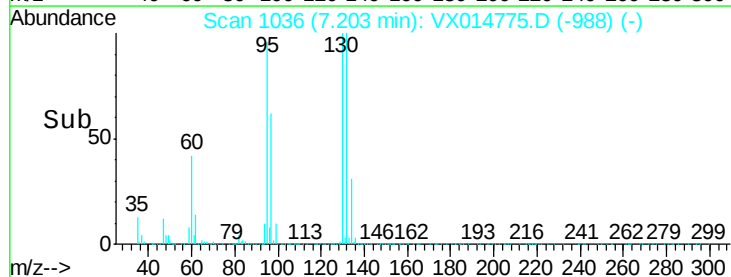
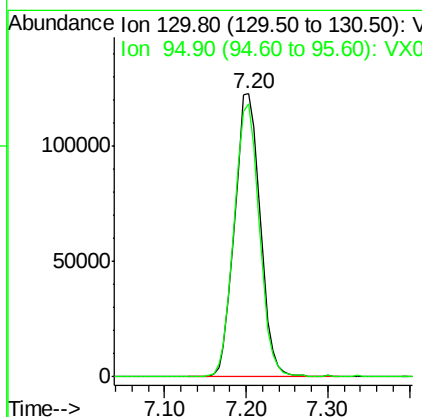
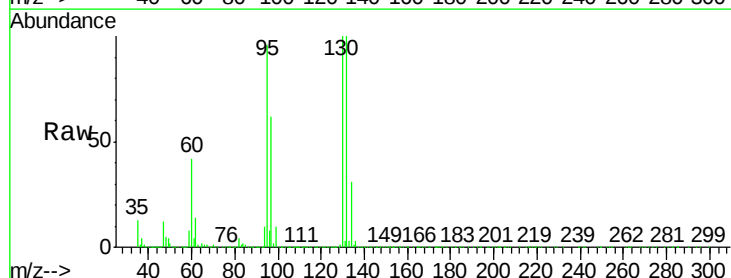
RT: 7.20 min Scan# 1036

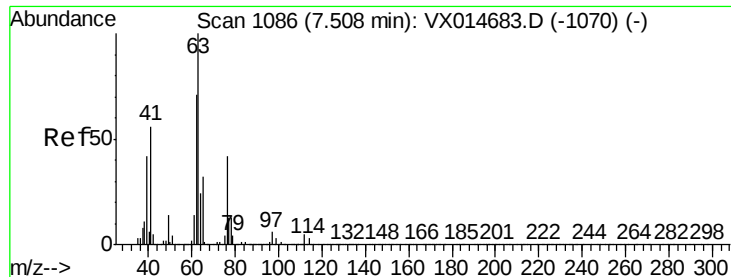
Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	179.8





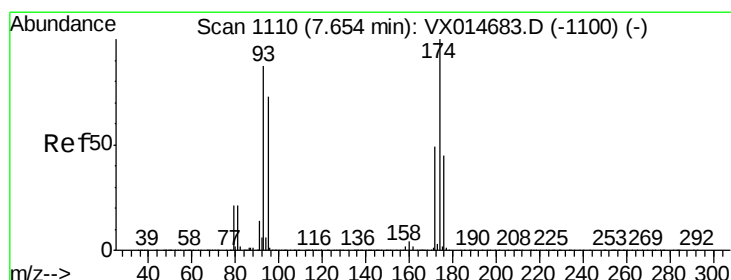
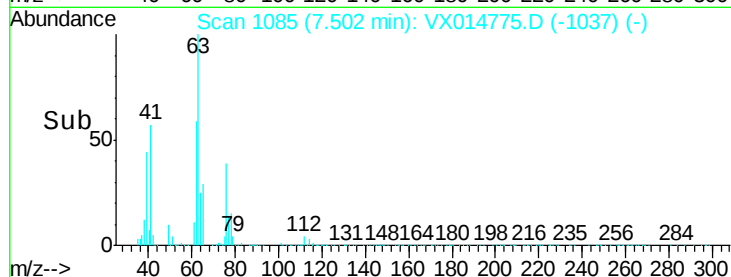
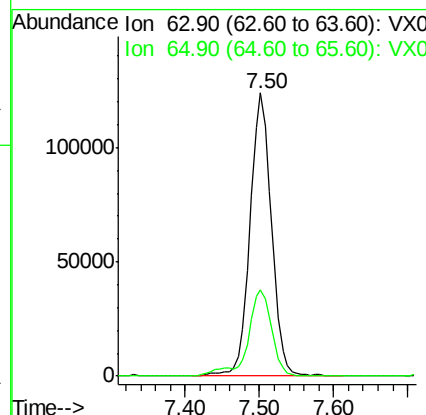
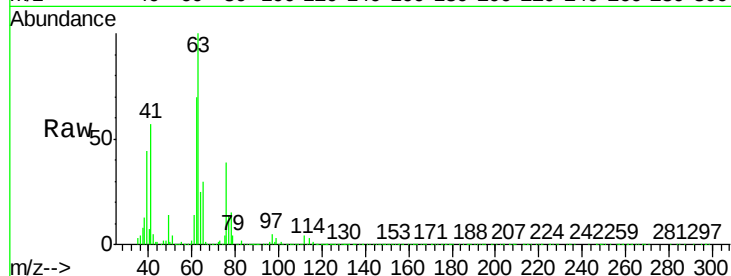
#45
 1,2-Dichloropropane
 Concen: 54.040 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.2	37.8

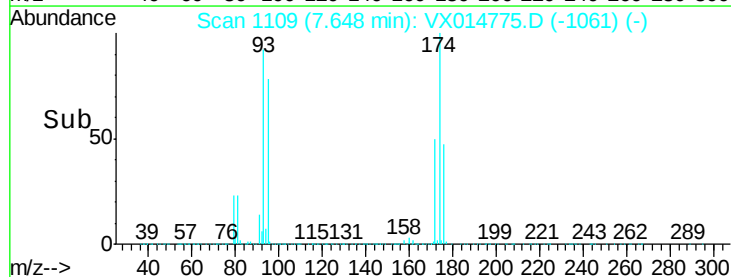
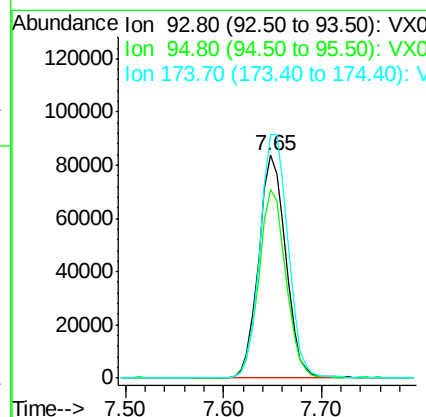
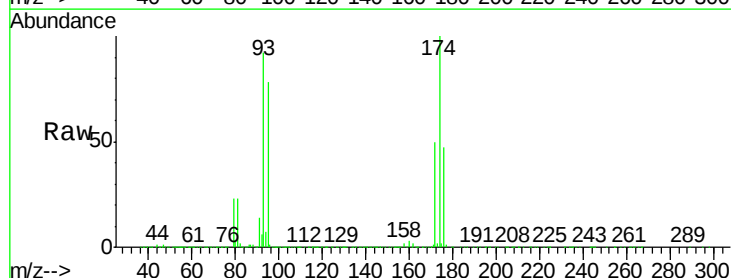
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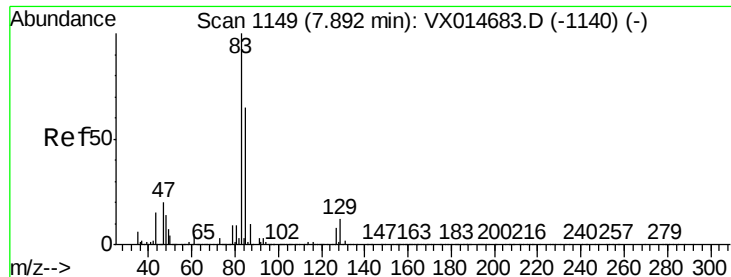
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#46
 Dibromomethane
 Concen: 53.924 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	67.0	100.4
174	113.4	90.2	135.2





#47

Bromodichloromethane

Concen: 56.361 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

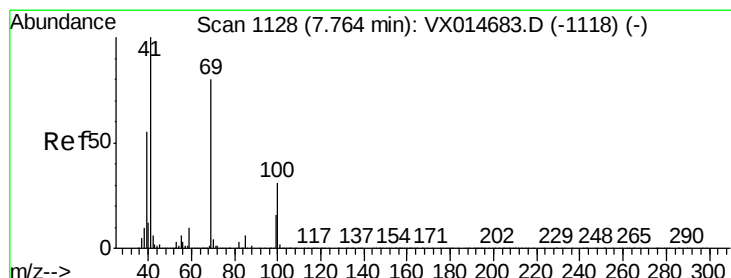
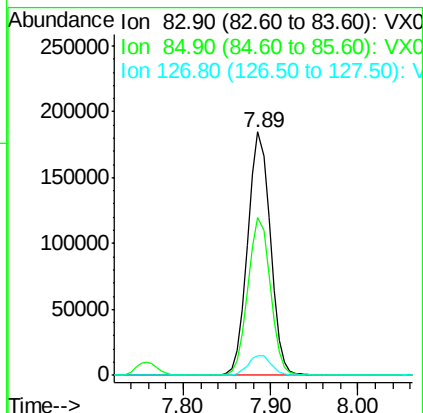
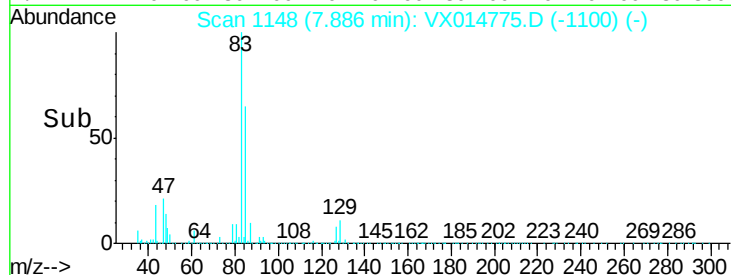
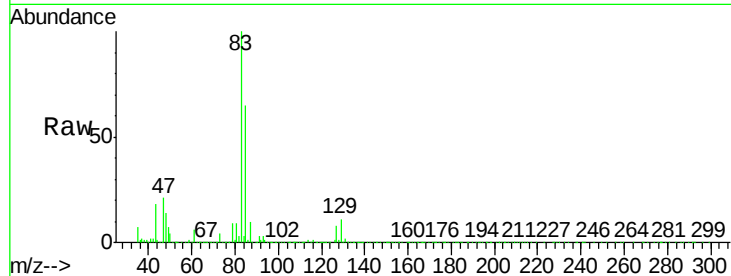
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	330915
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.2	78.2
127	8.2	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.386 ug/l

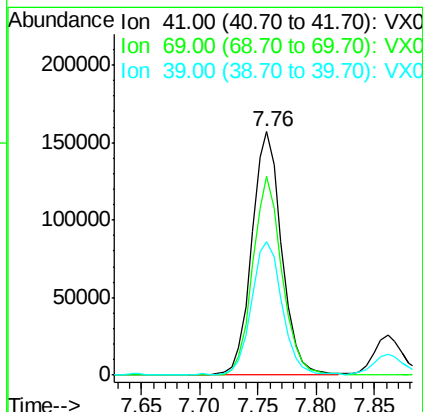
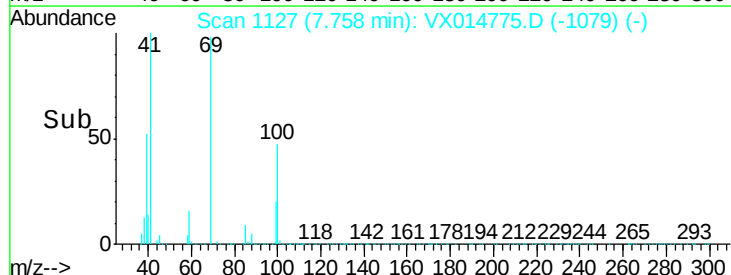
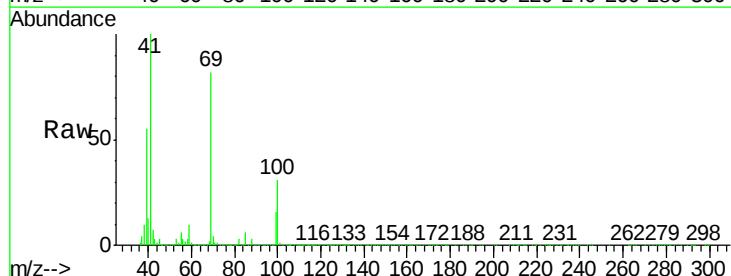
RT: 7.76 min Scan# 1127

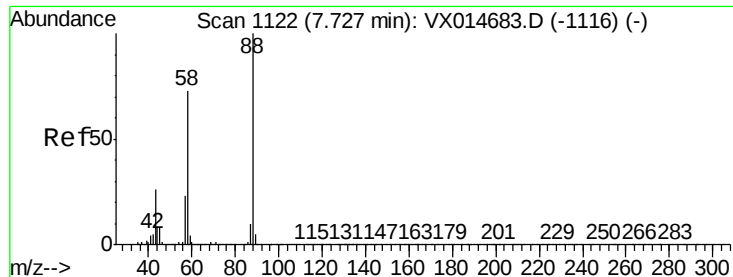
Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	41	Resp:	277794
Ion Ratio	Lower	Upper	
41	100		
69	80.0	63.5	95.3
39	56.3	43.7	65.5





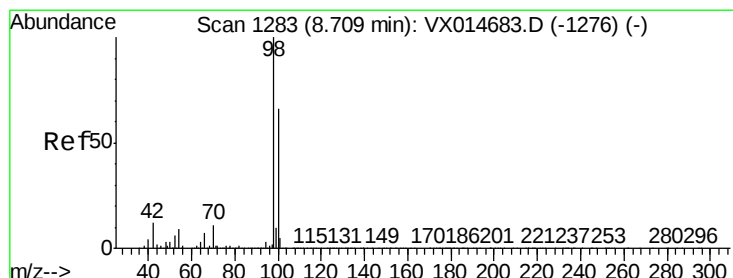
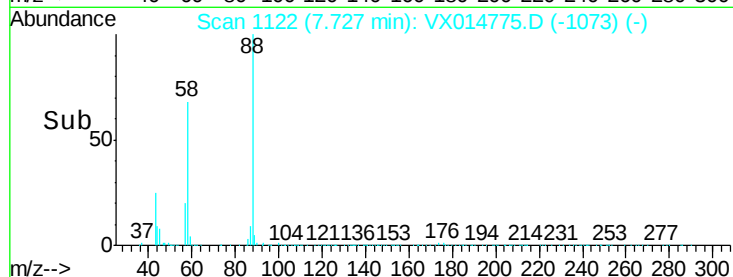
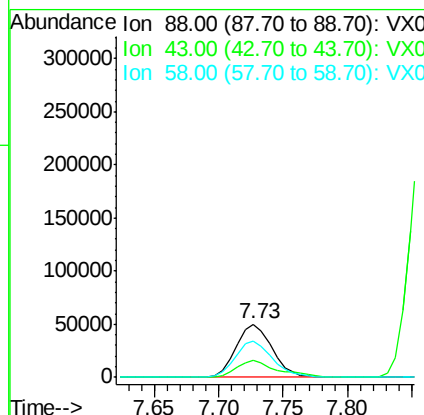
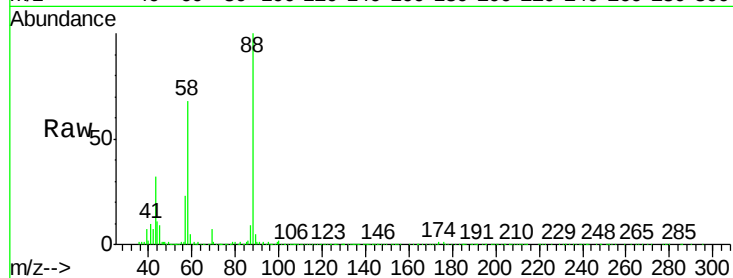
#49
1,4-Dioxane
Concen: 866.958 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.2	39.2
58	71.6	56.6	85.0

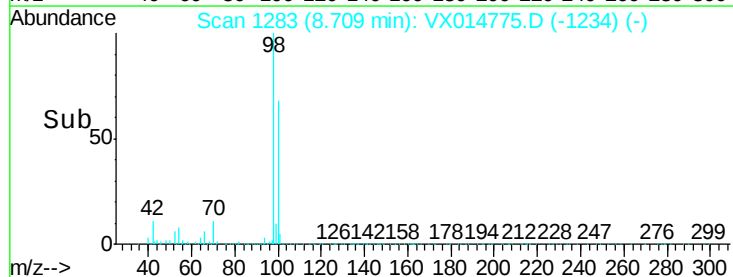
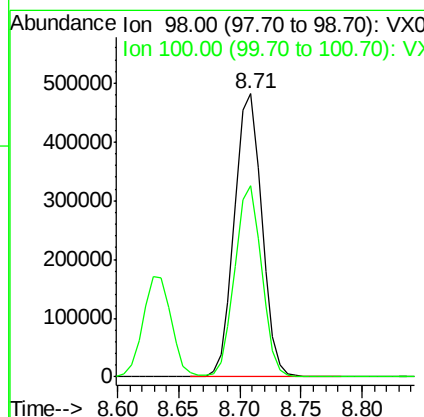
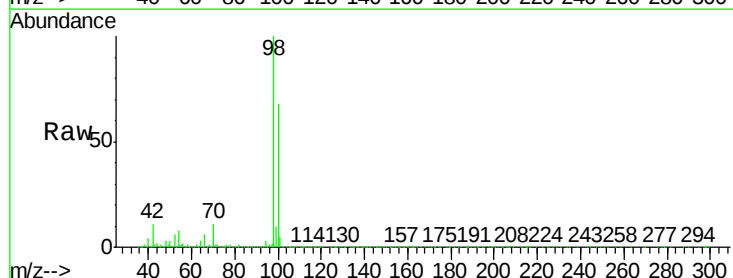
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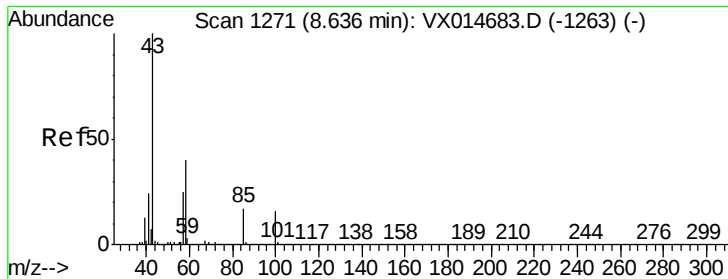
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#50
Toluene-d8
Concen: 49.161 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





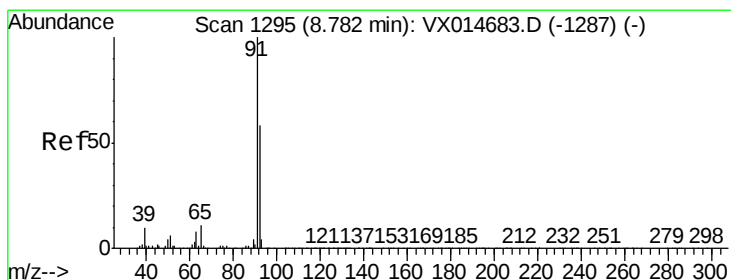
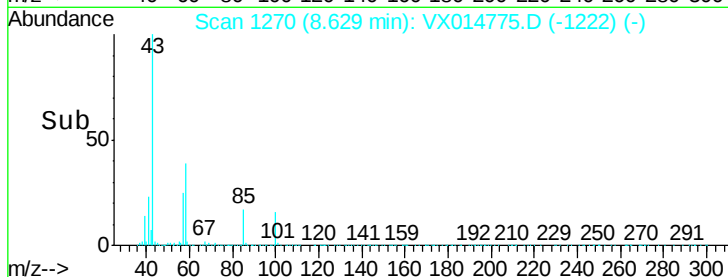
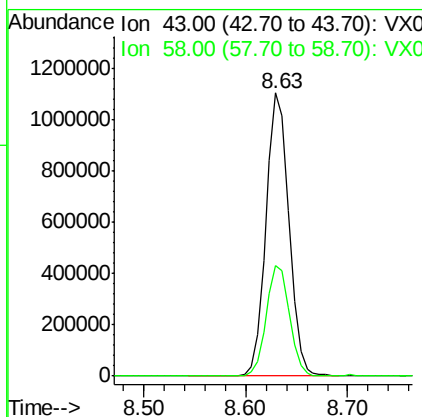
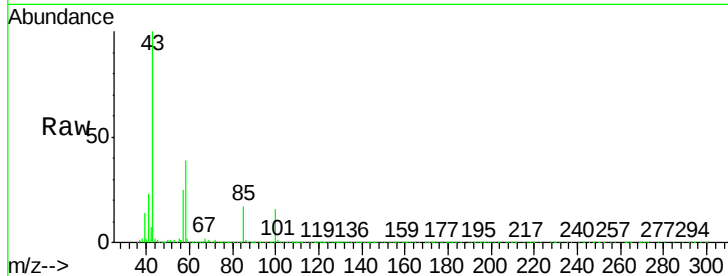
#51
4-Methyl-2-Pentanone
Concen: 250.637 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1722785
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

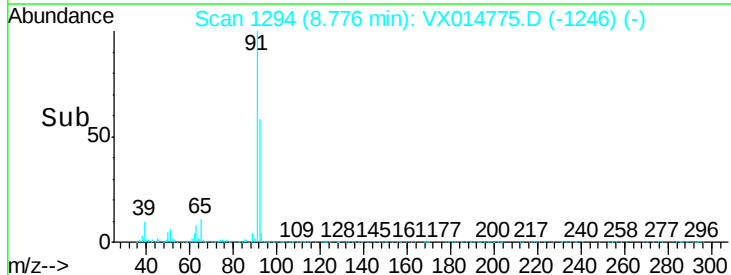
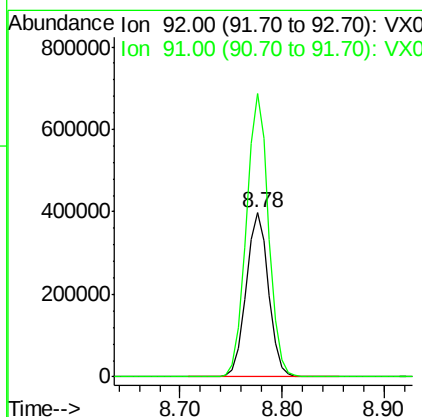
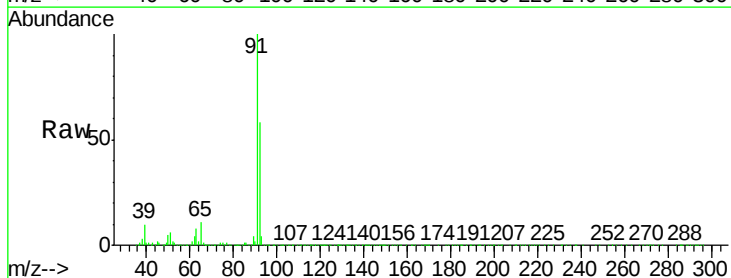
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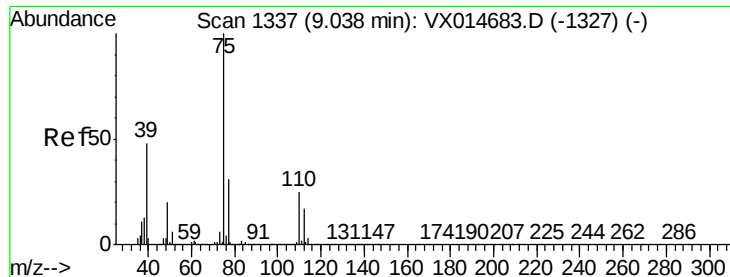
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#52
Toluene
Concen: 54.681 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 92 Resp: 603059
Ion Ratio Lower Upper
92 100
91 171.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 57.177 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 361477

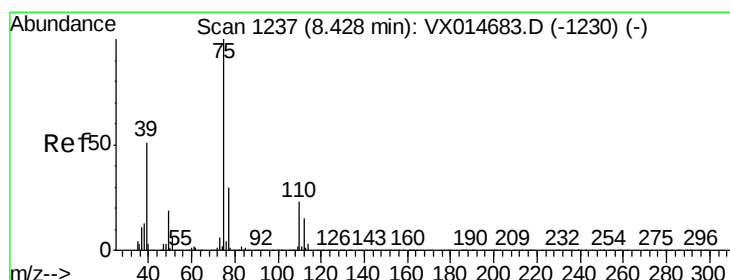
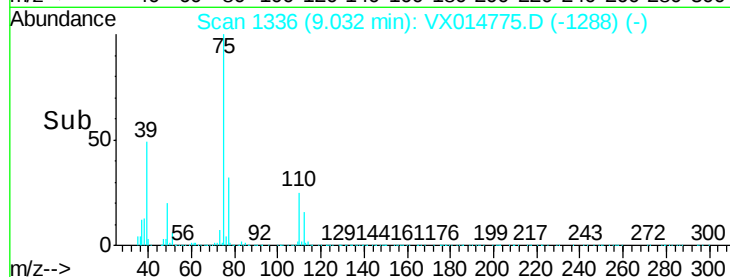
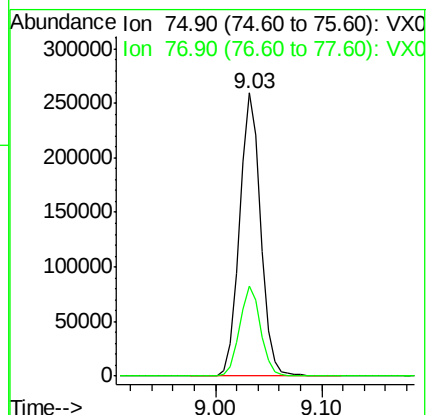
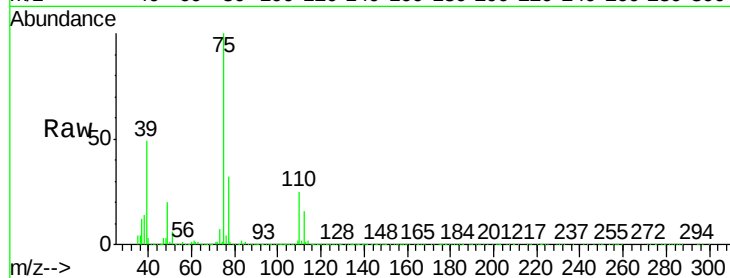
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 57.773 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

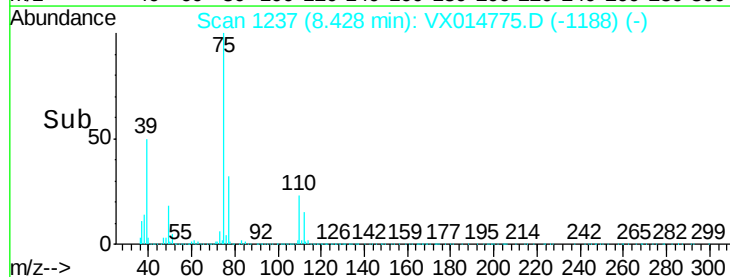
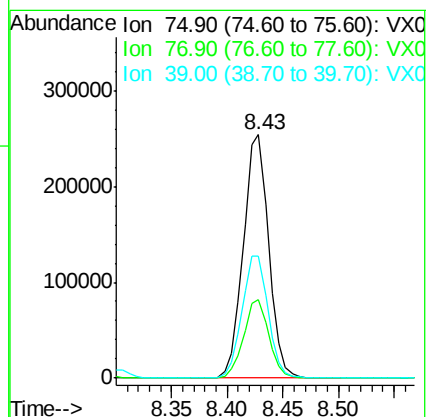
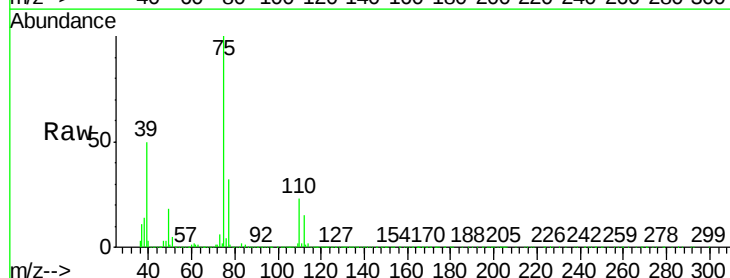
Tgt Ion: 75 Resp: 401802

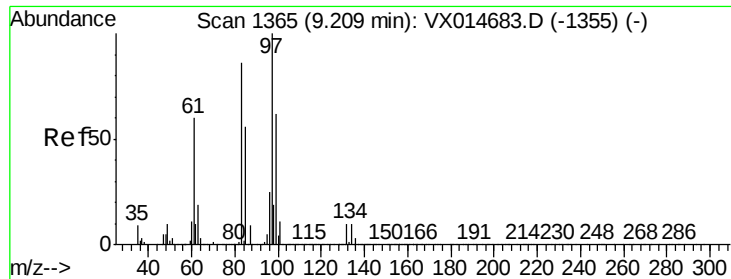
Ion Ratio Lower Upper

75 100

77 32.0 23.9 35.9

39 50.0 40.9 61.3





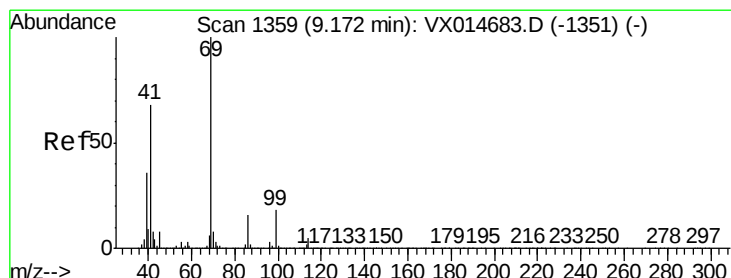
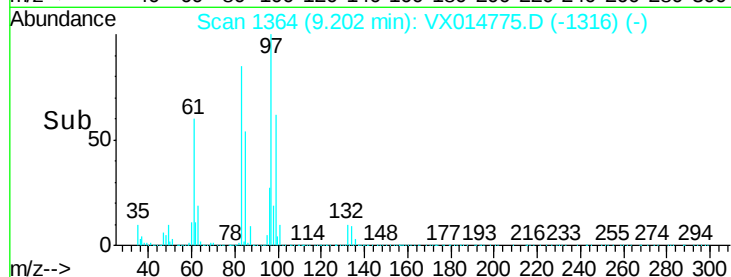
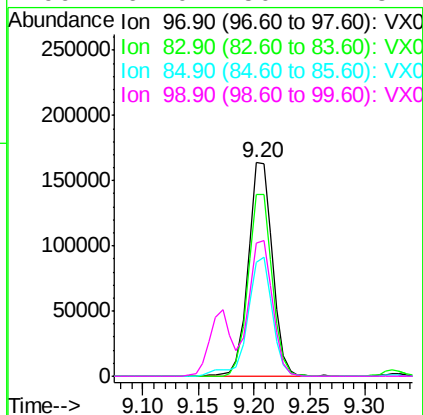
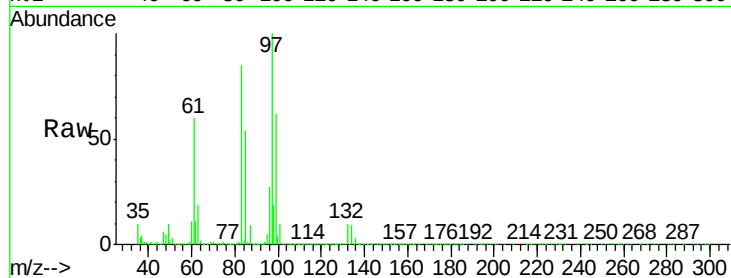
#55
 1,1,2-Trichloroethane
 Concen: 54.449 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		245860		
83	85.0	69.2	103.8		
85	53.6	44.6	67.0		
99	62.0	50.1	75.1		

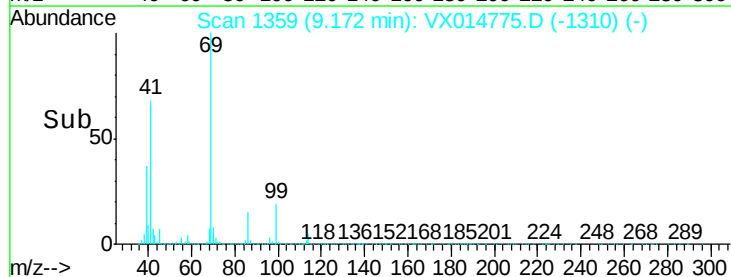
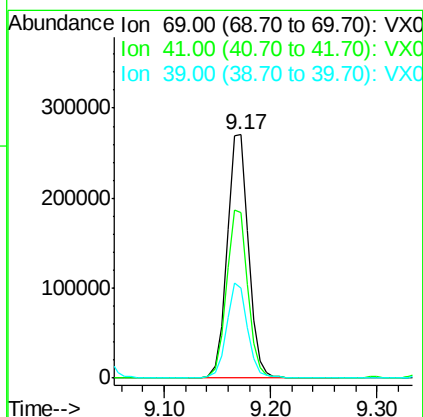
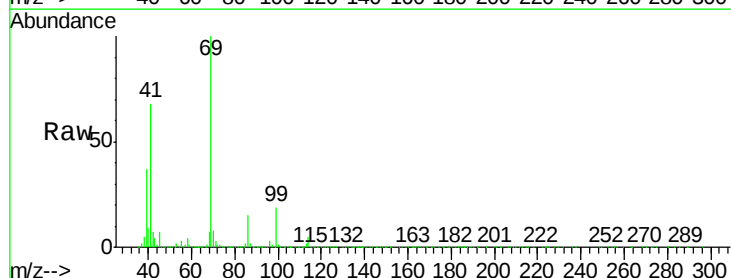
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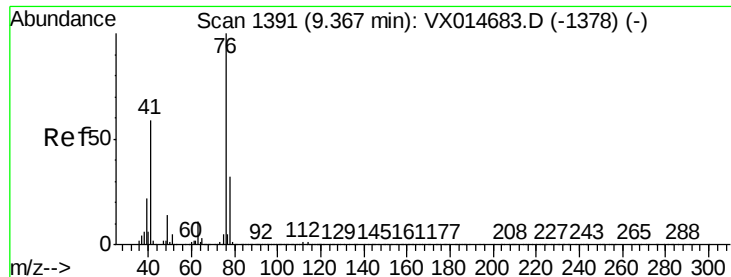
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#56
 Ethyl methacrylate
 Concen: 49.680 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		380216		
41	68.9	54.9	82.3		
39	38.1	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 53.954 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 416466

Ion Ratio Lower Upper

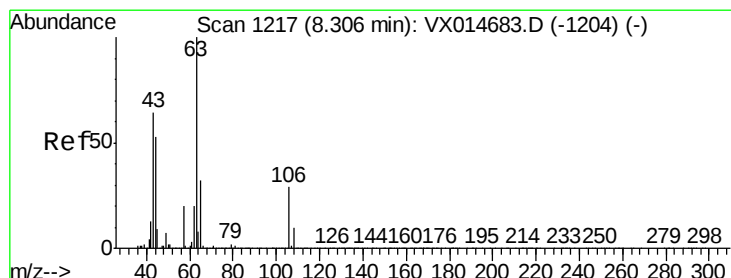
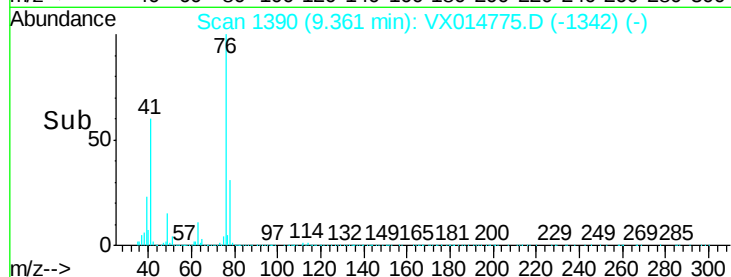
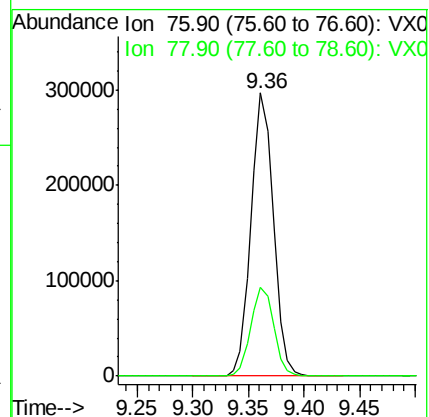
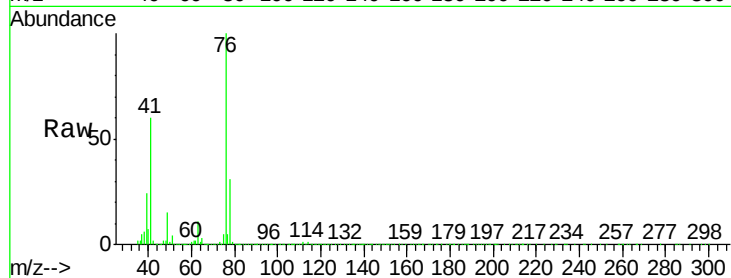
76 100

78 32.2 26.0 39.0

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 265.337 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014775.D

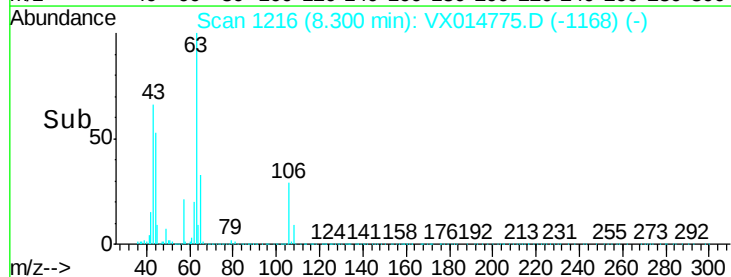
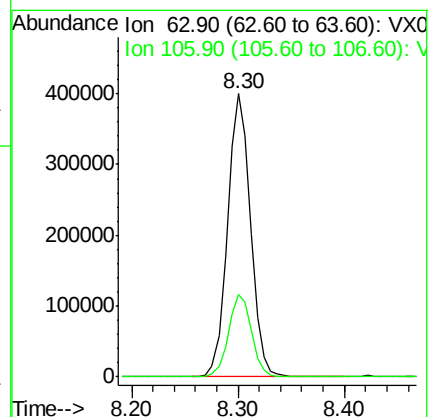
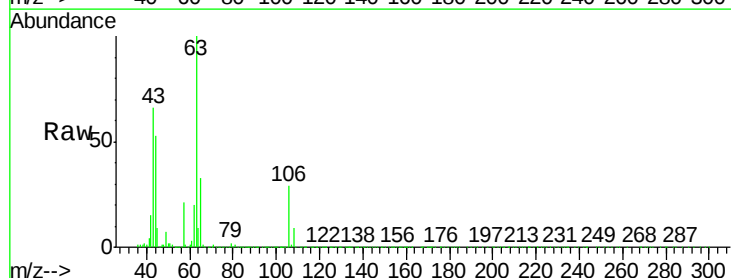
Acq: 31 Jan 2020 10:52

Tgt Ion: 63 Resp: 602535

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





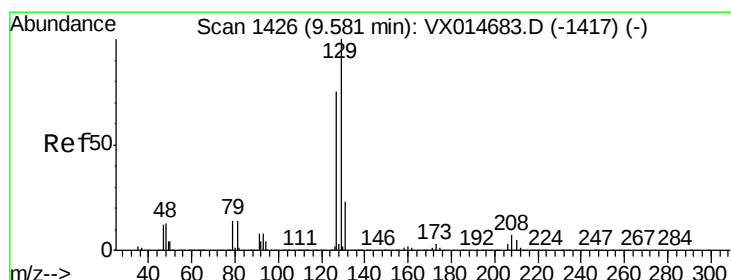
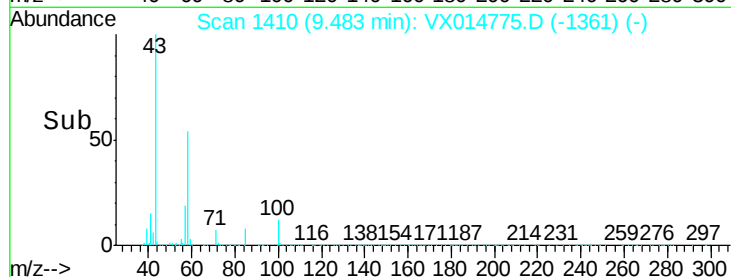
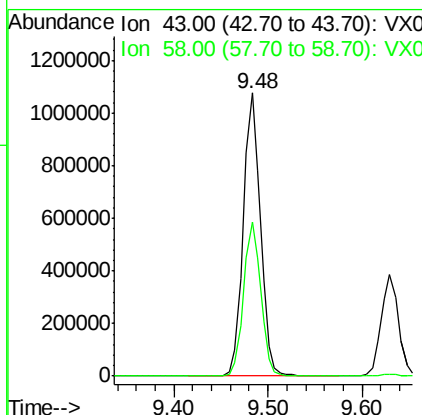
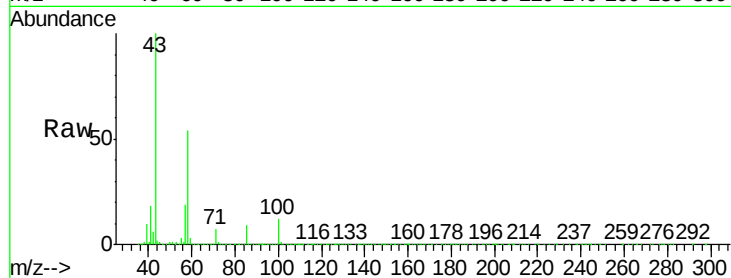
#59
2-Hexanone
Concen: 256.635 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1368849
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

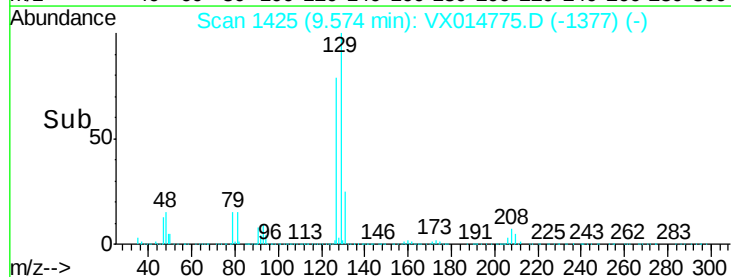
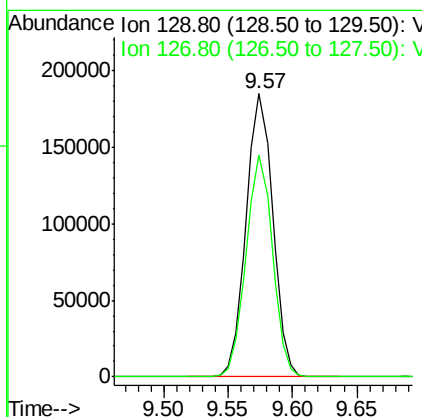
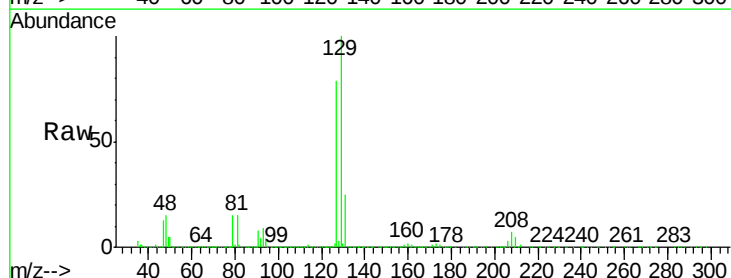
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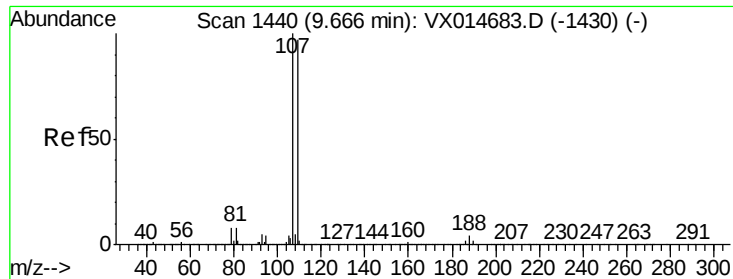
MMDadoda
2/4/2020 3:35:47 PM



#60
Dibromochloromethane
Concen: 56.202 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion: 129 Resp: 264886
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





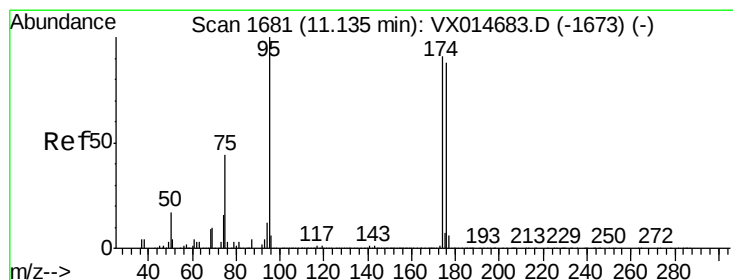
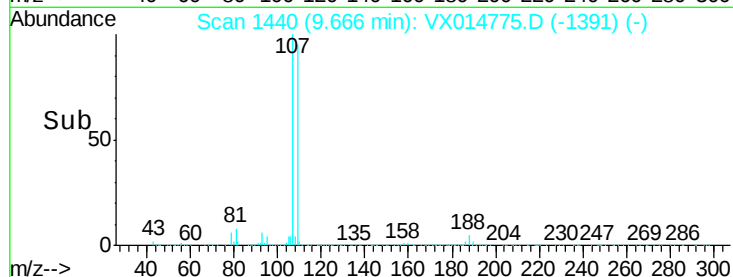
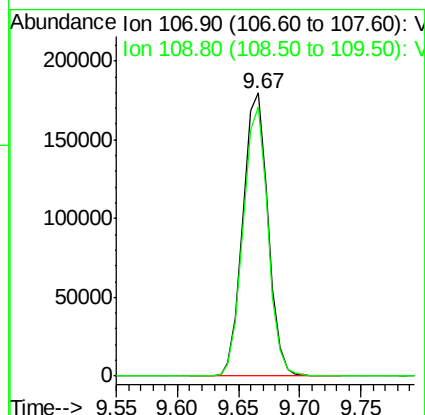
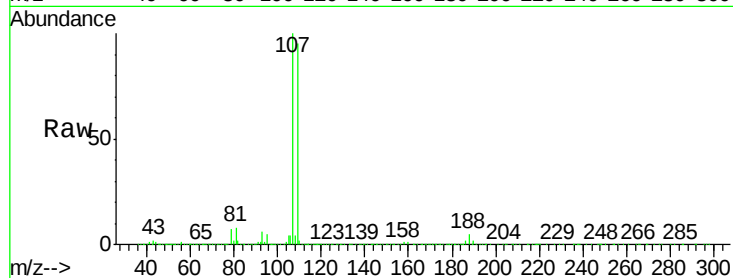
#61
 1,2-Dibromoethane
 Concen: 53.669 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.2	114.2

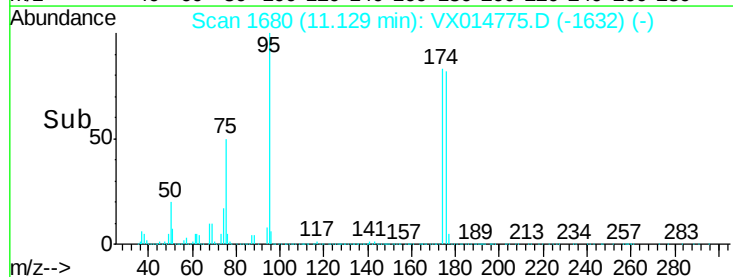
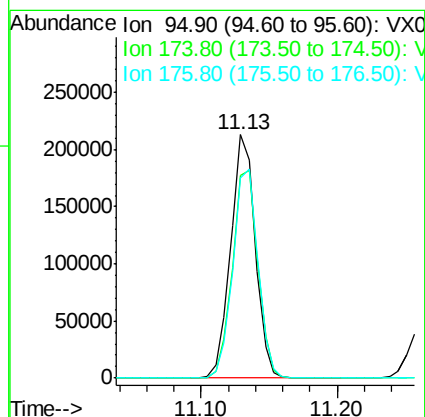
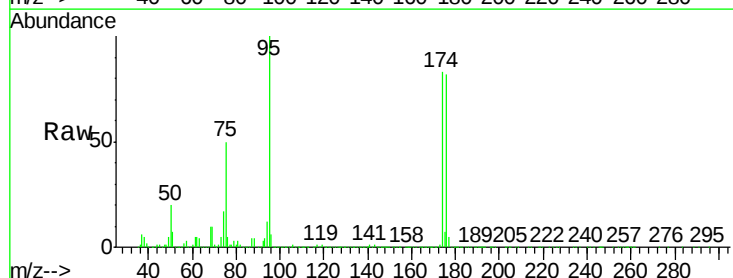
Manual Integrations
 APPROVED

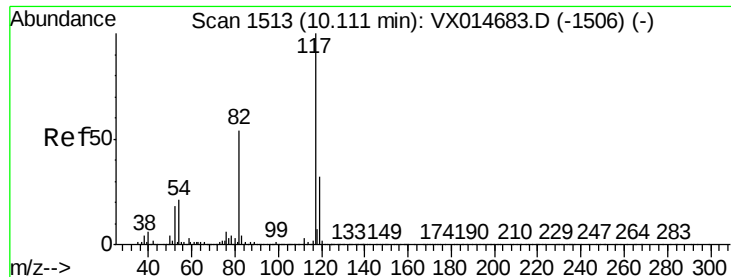
MMDadoda
 2/4/2020 3:35:47 PM



#62
 4-Bromofluorobenzene
 Concen: 49.587 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	176.0
176	87.8	0.0	172.2





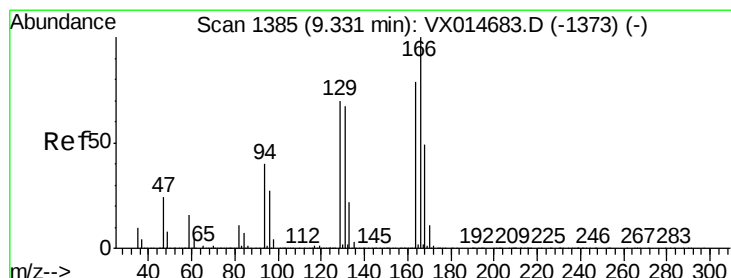
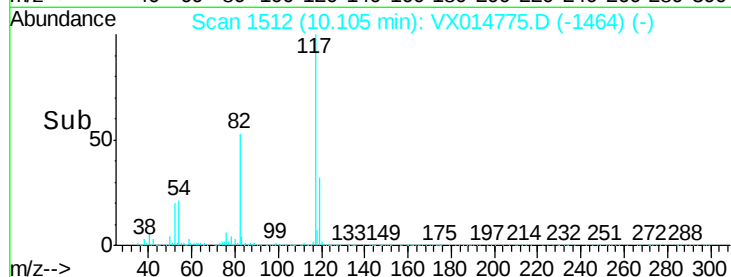
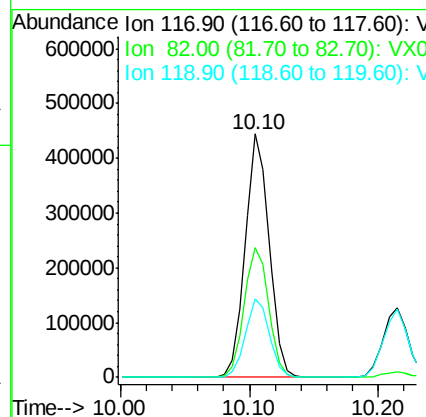
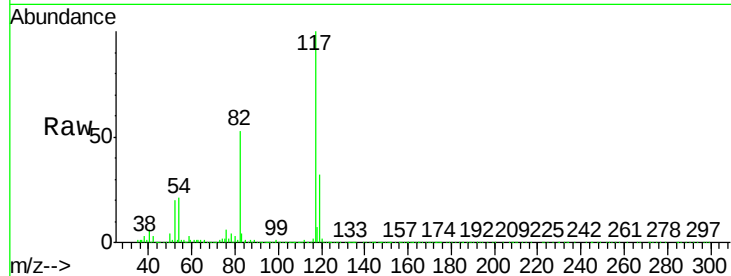
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.2	43.2	64.8
119	32.3	25.8	38.6

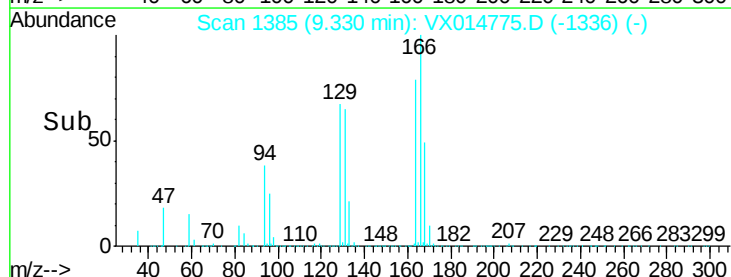
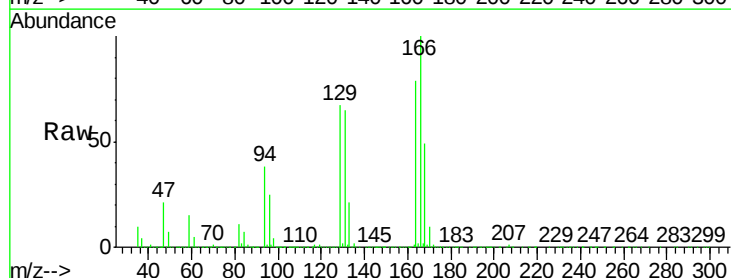
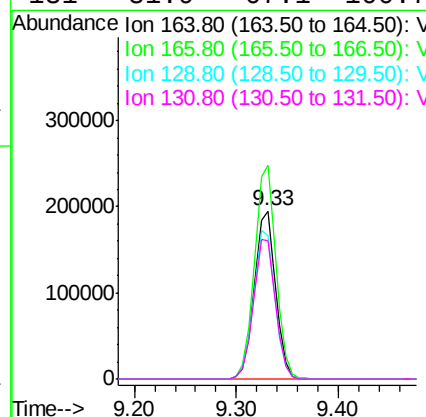
Manual Integrations
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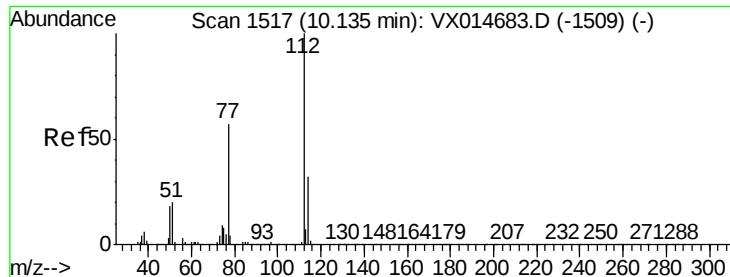
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#64
Tetrachloroethene
Concen: 50.908 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.8	100.9	151.3
129	85.3	71.0	106.6
131	81.9	67.1	100.7





#65

Chlorobenzene

Concen: 53.750 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 654023

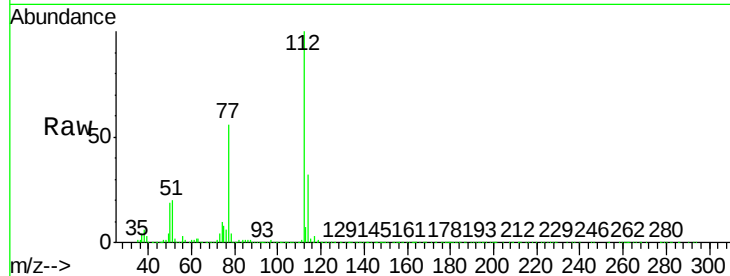
Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8

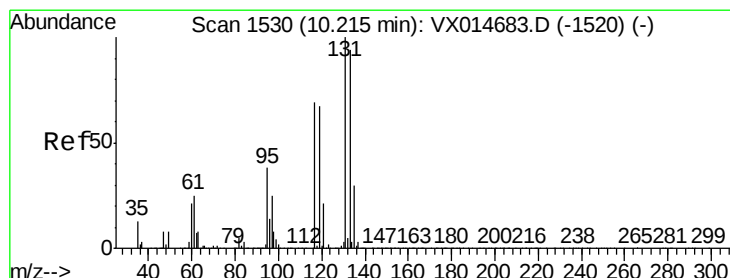
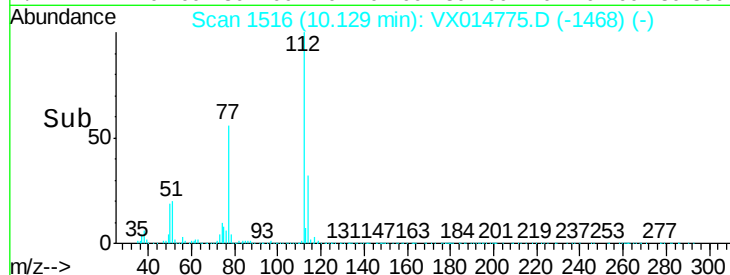
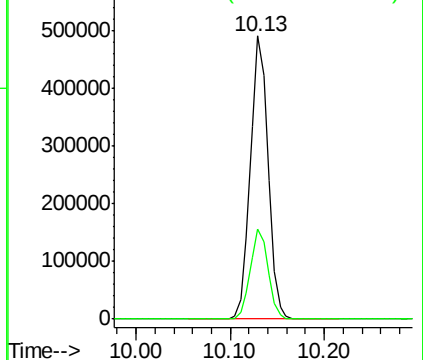
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.838 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

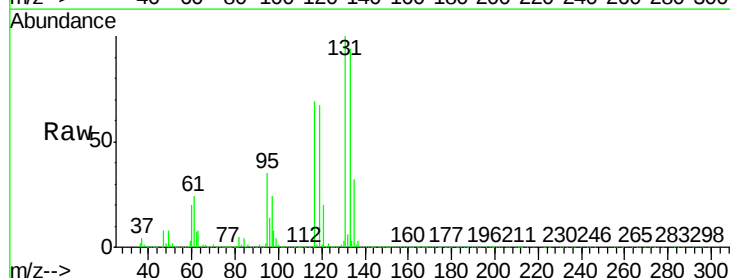
Tgt Ion:131 Resp: 246025

Ion Ratio Lower Upper

131 100

133 95.2 47.4 142.3

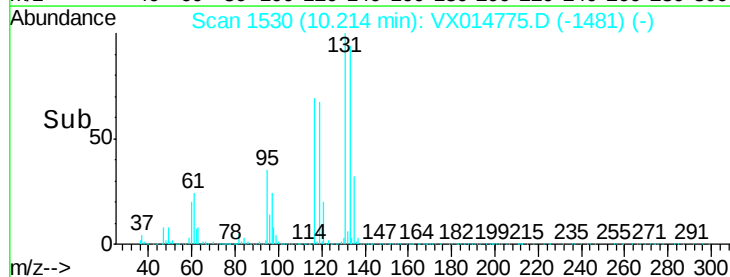
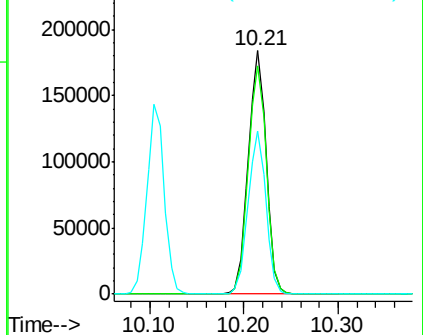
119 66.2 33.3 99.8

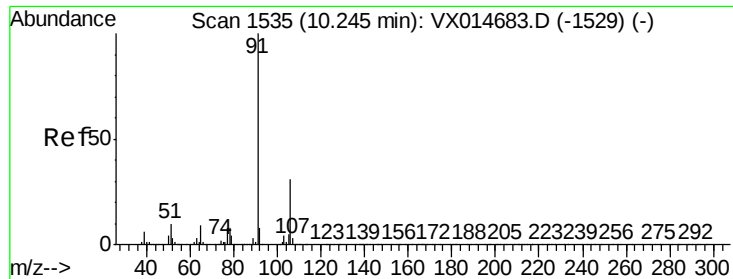


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 56.005 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1163600

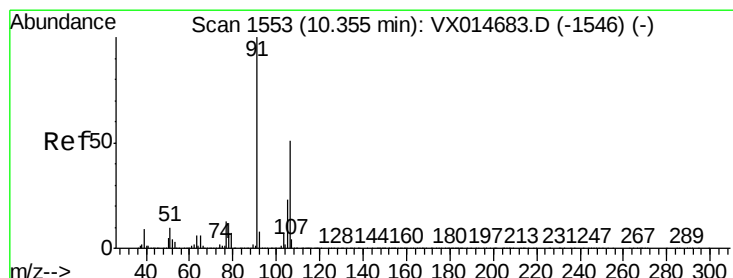
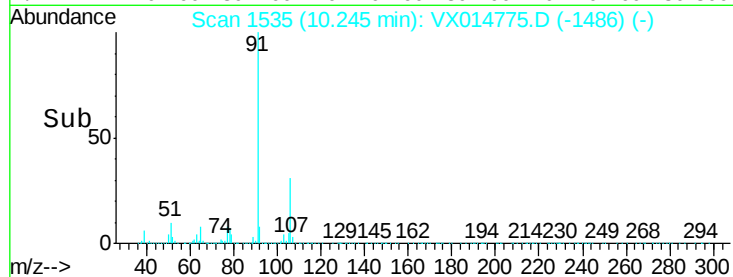
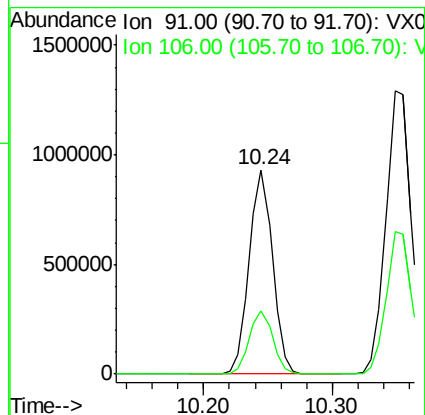
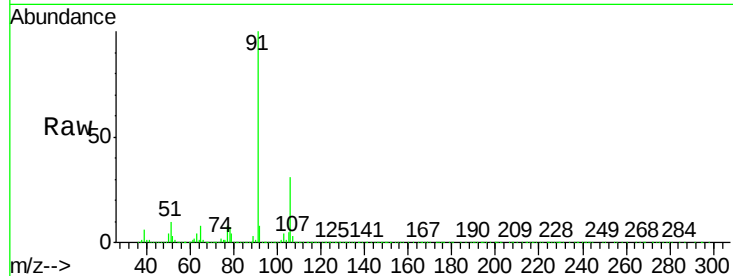
Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 112.482 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX014775.D

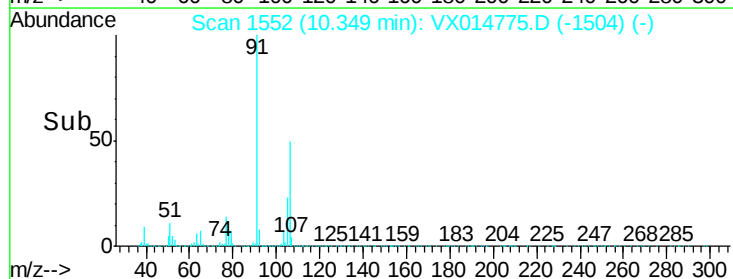
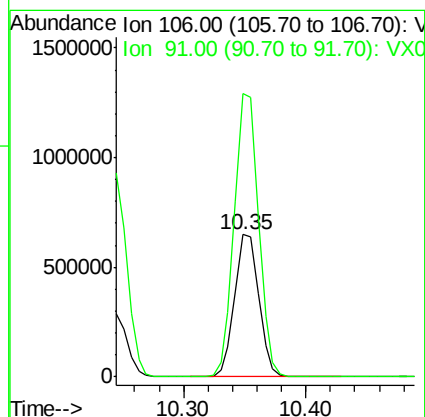
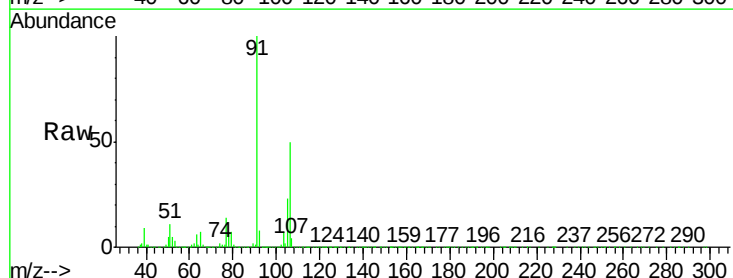
Acq: 31 Jan 2020 10:52

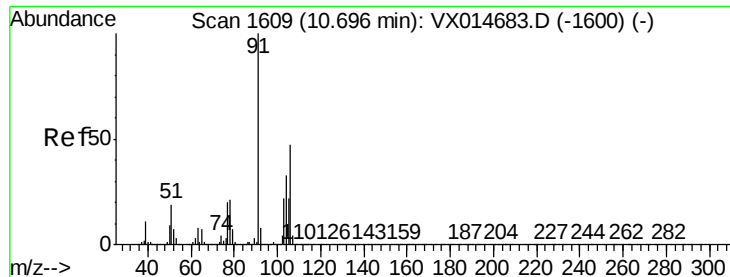
Tgt Ion: 106 Resp: 885361

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.2





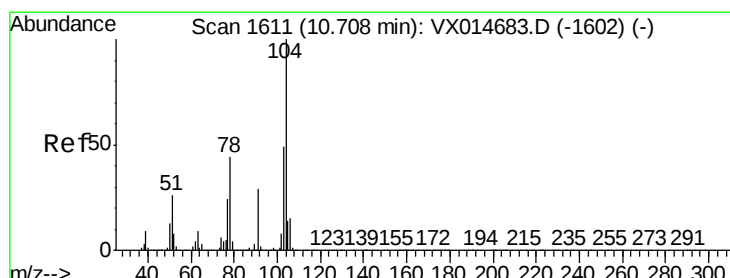
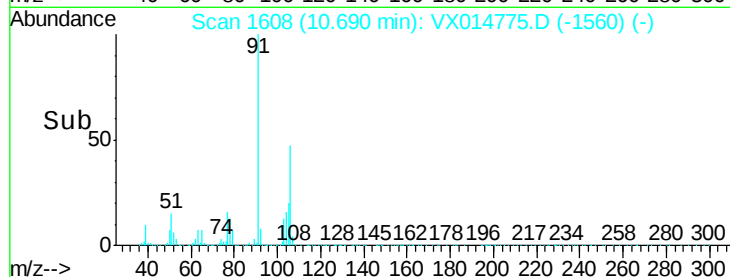
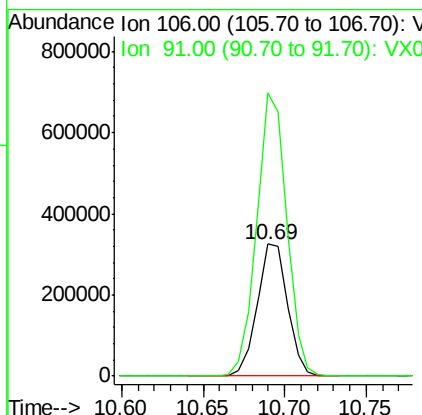
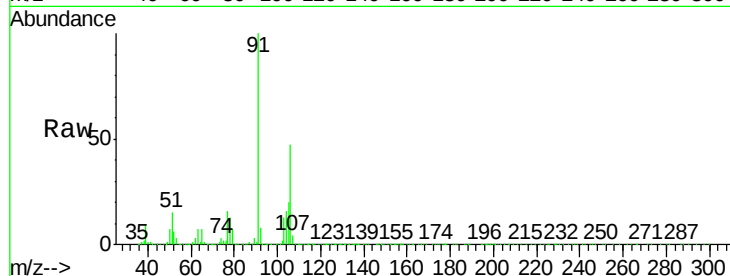
#69
o-Xylene
Concen: 55.612 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.4	106.2	318.6

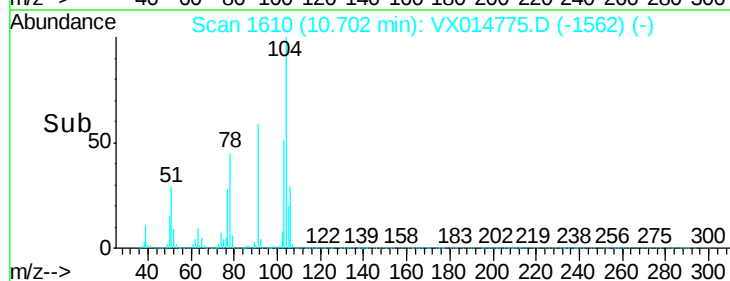
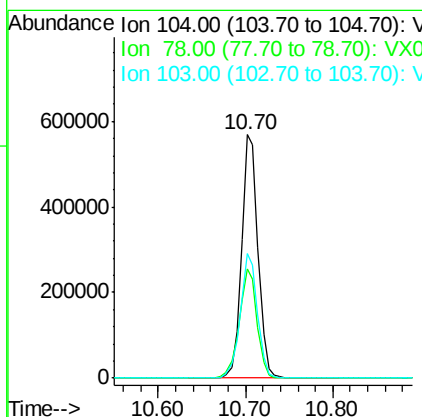
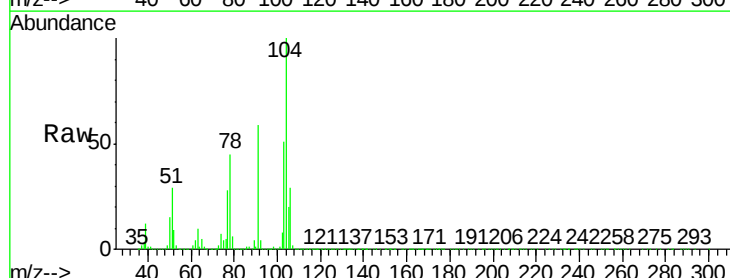
Manual Integrations
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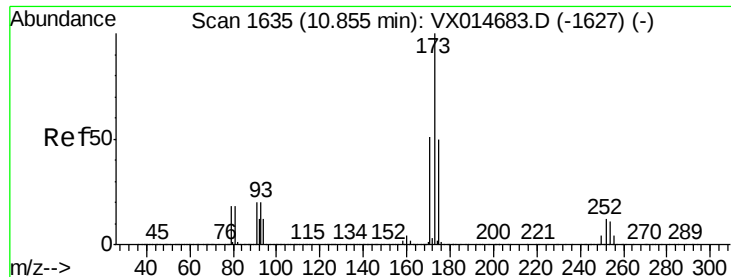
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#70
Styrene
Concen: 58.187 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.3	58.9
103	54.1	43.5	65.3





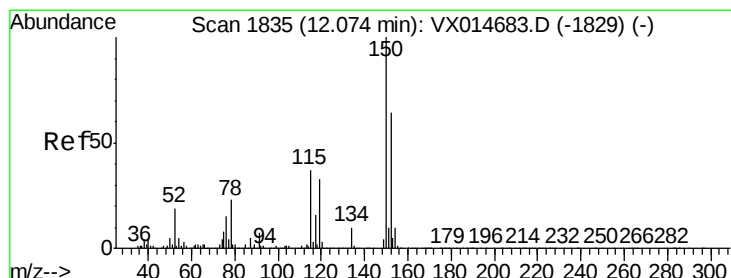
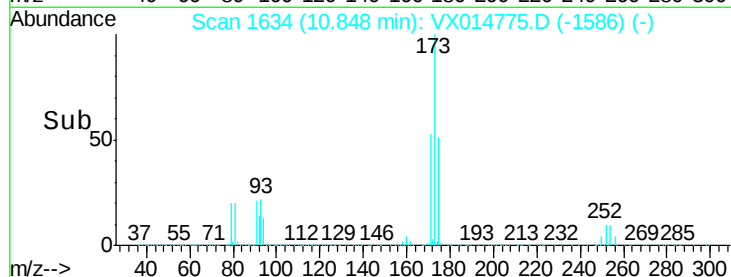
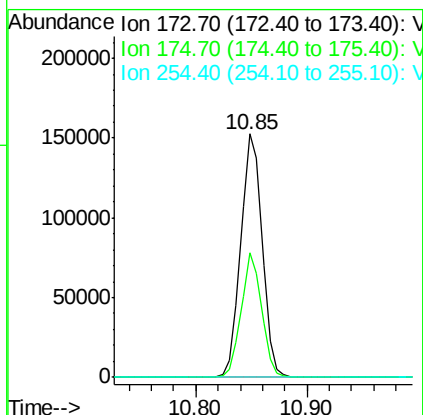
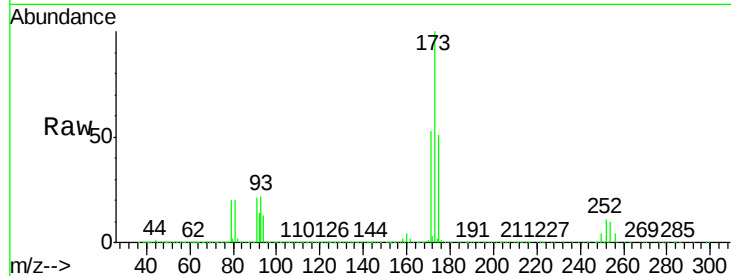
#71
Bromoform
Concen: 57.131 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.1	0.1	0.1#

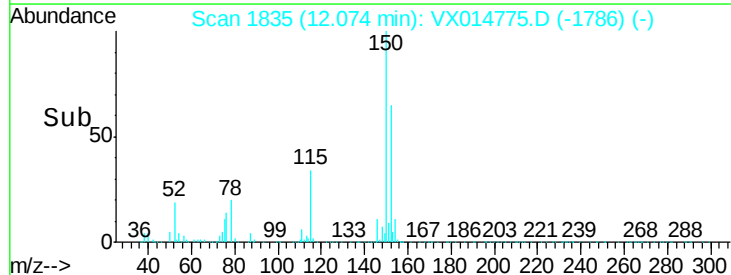
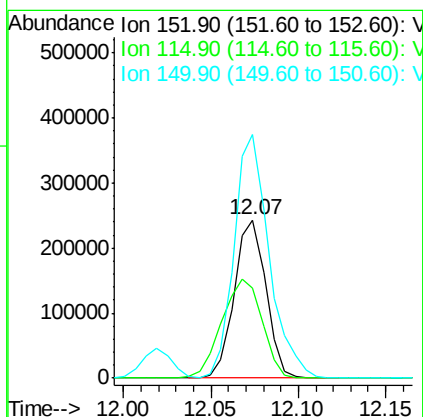
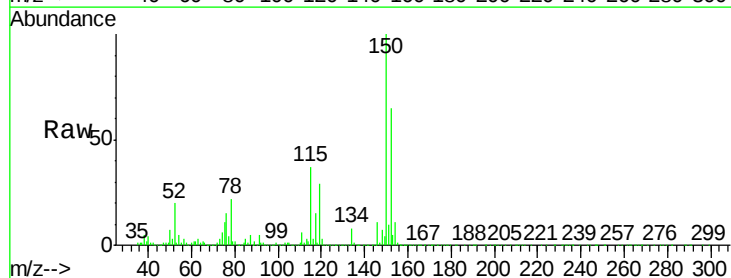
Manual Integrations
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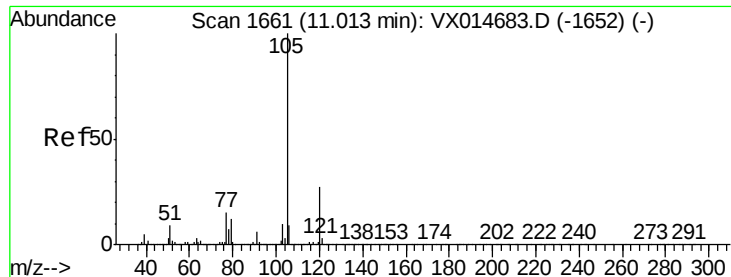
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.2	39.4	118.1
150	170.4	0.0	351.2





#73

Isopropylbenzene

Concen: 53.256 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1145303

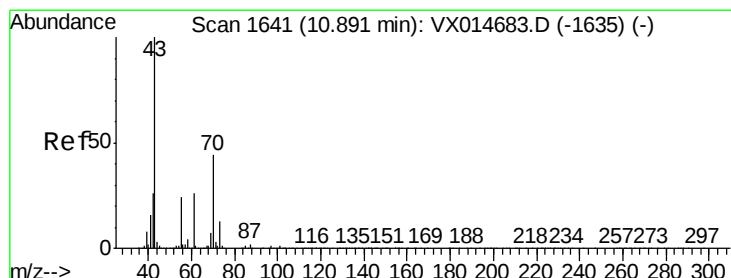
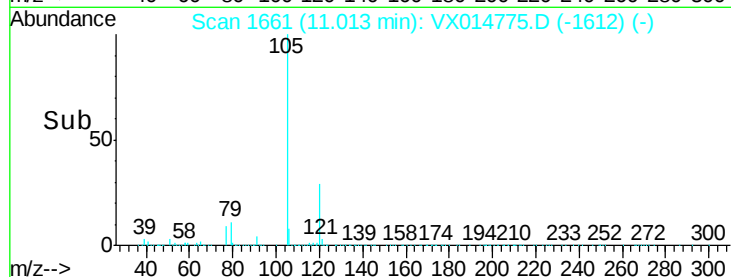
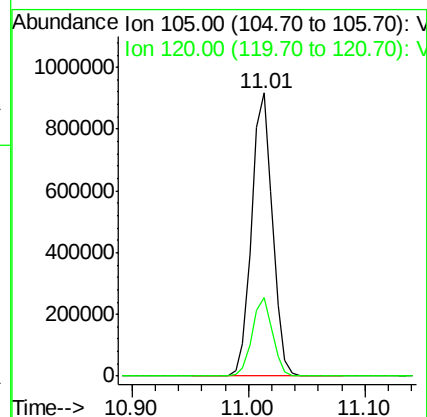
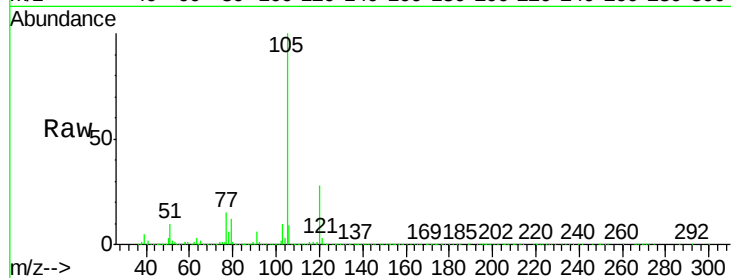
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 50.989 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion: 43 Resp: 480527

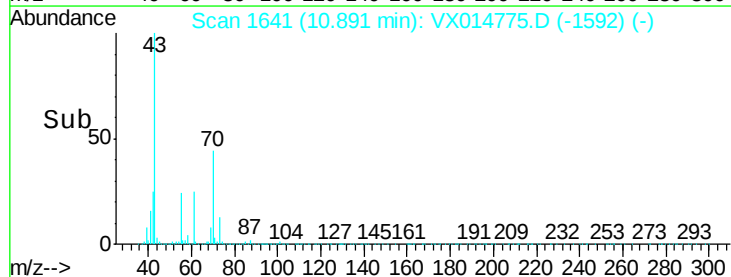
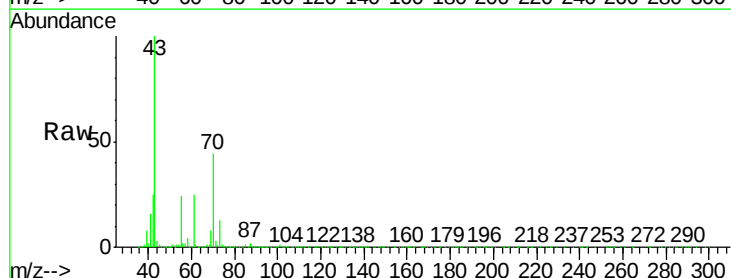
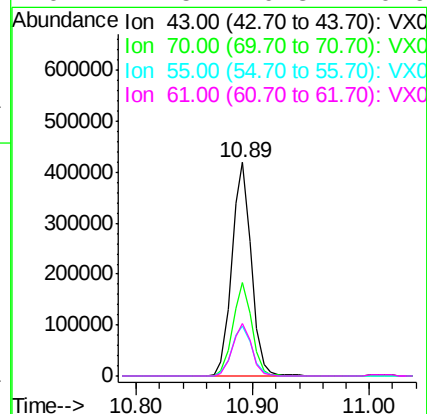
Ion Ratio Lower Upper

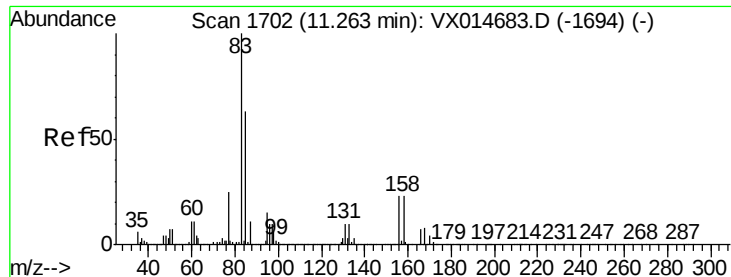
43 100

70 43.0 34.6 52.0

55 24.7 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.496 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

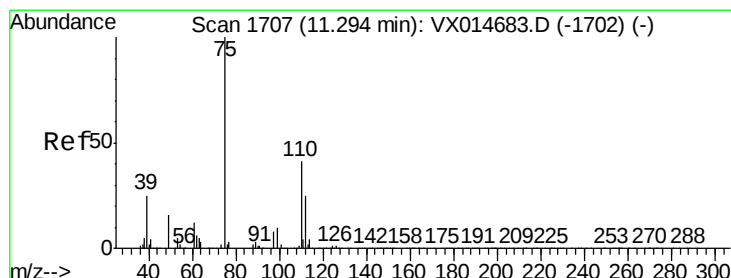
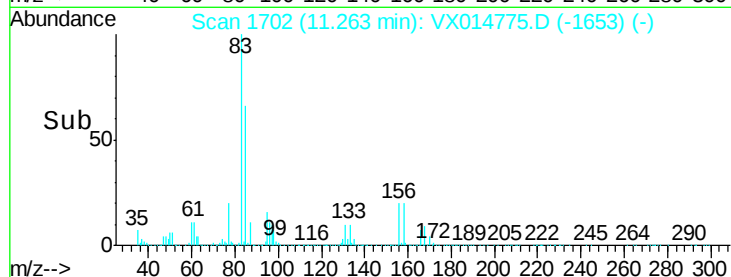
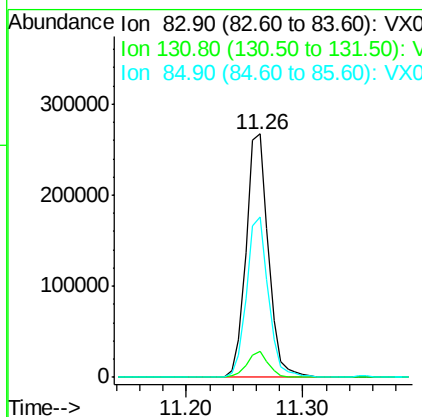
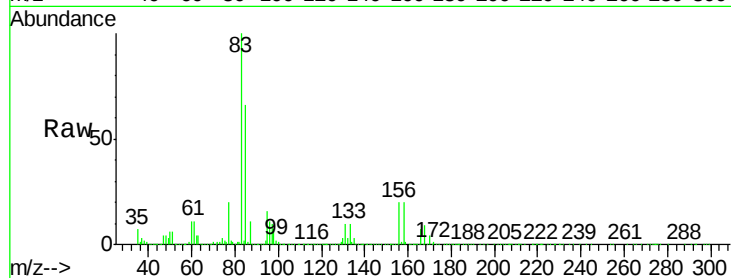
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	357023
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	64.9	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.178 ug/l m

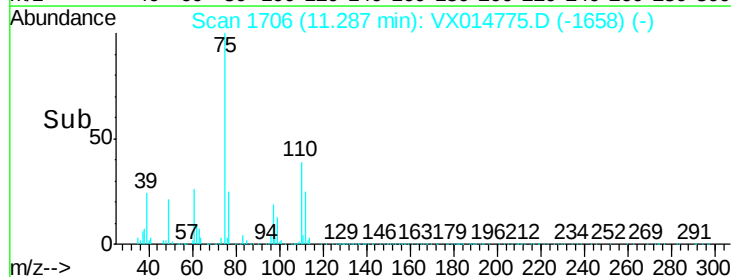
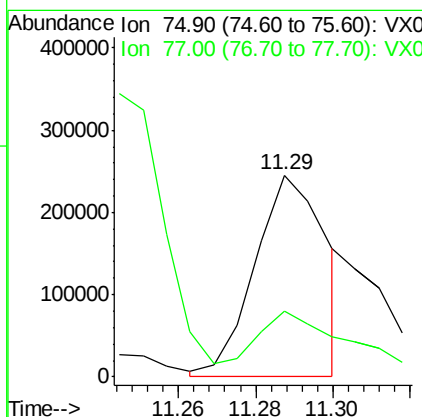
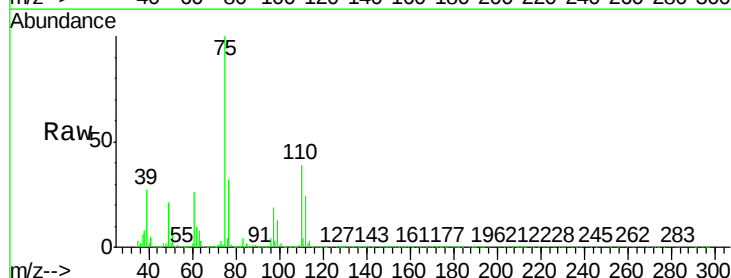
RT: 11.29 min Scan# 1706

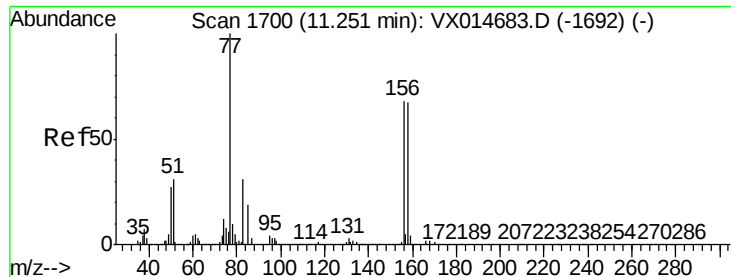
Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	75	Resp:	314366
Ion Ratio	Lower	Upper	
75	100		
77	43.3	18.7	56.1





#77

Bromobenzene

Concen: 51.718 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

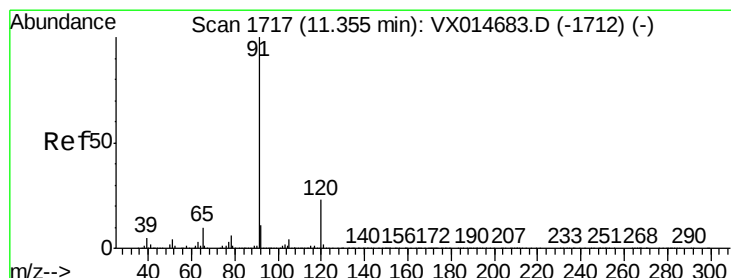
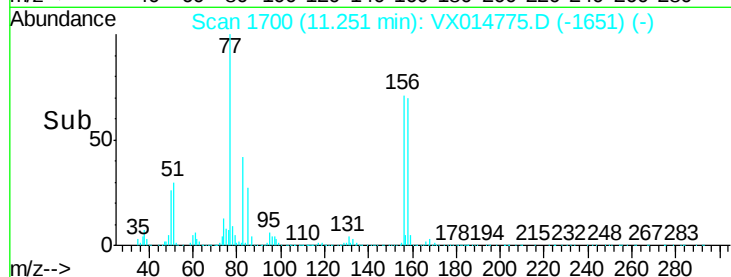
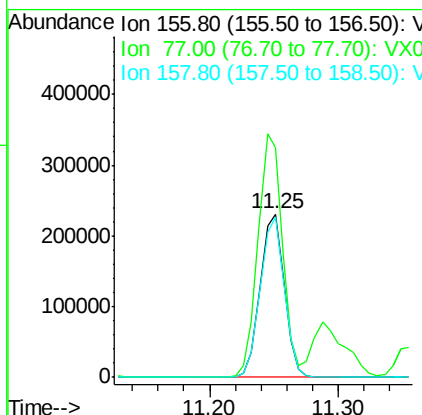
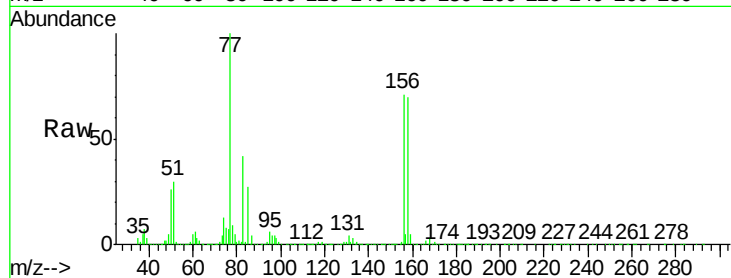
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	298796
Ion Ratio	Lower	Upper	
156	100		
77	150.0	77.5	232.5
158	97.6	49.1	147.3

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#78

n-propylbenzene

Concen: 54.489 ug/l

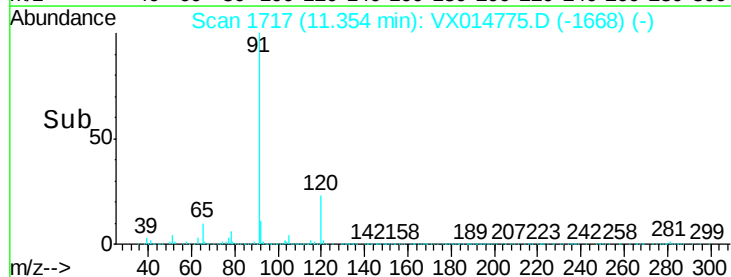
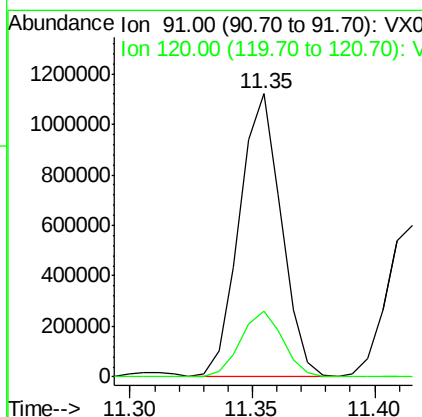
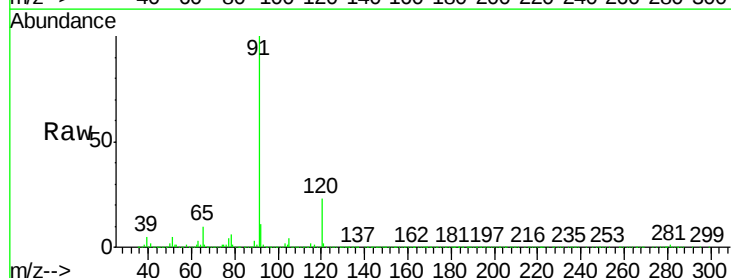
RT: 11.35 min Scan# 1717

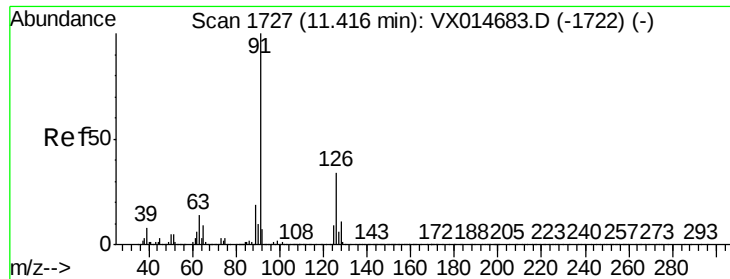
Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	91	Resp:	1330122
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





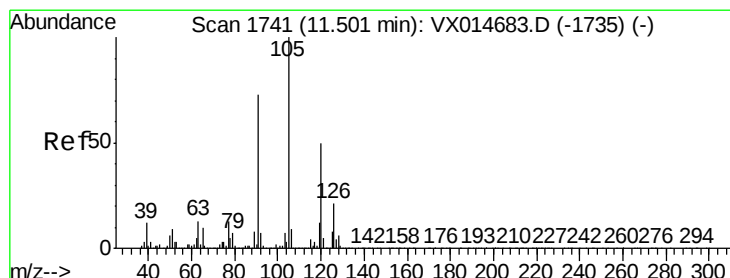
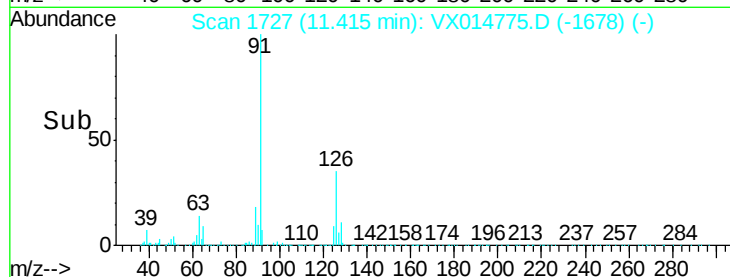
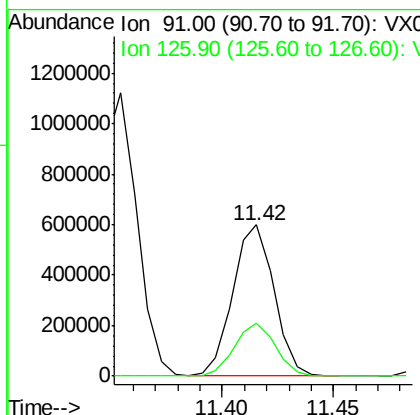
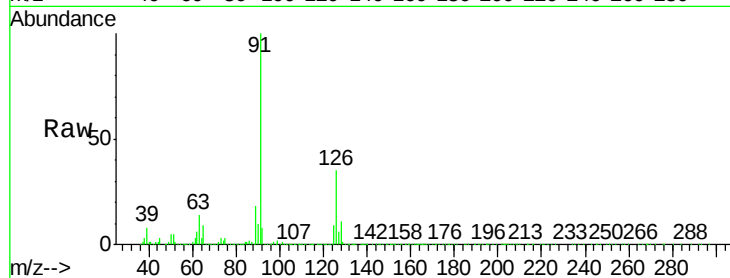
#79
 2-Chlorotoluene
 Concen: 52.188 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.3	51.9

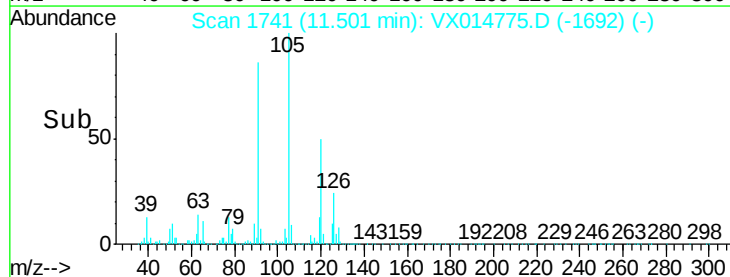
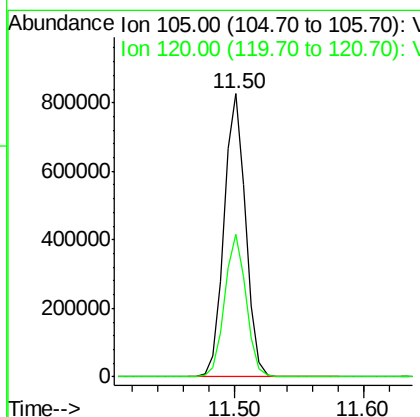
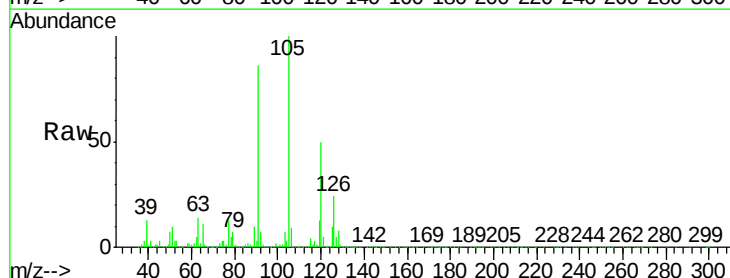
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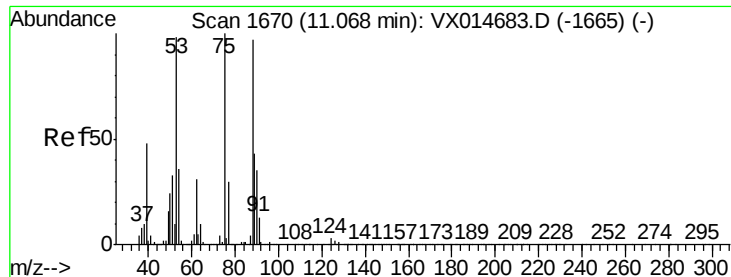
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.536 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.9	74.6





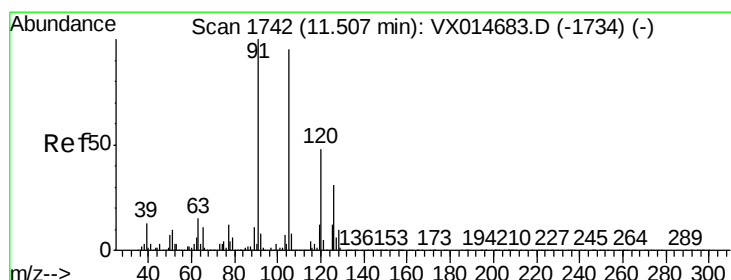
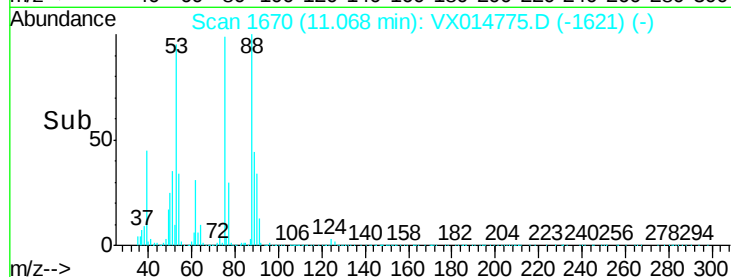
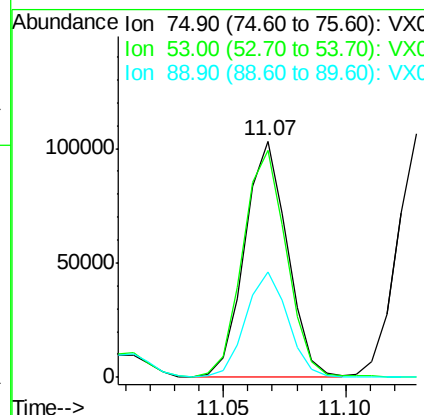
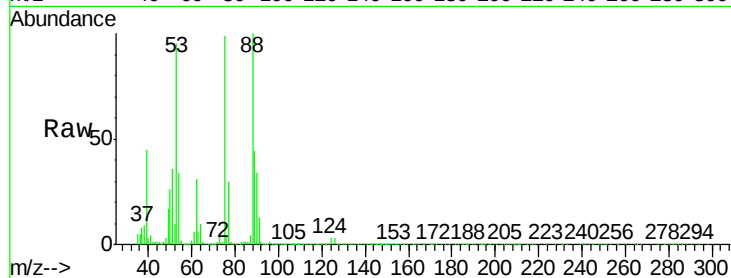
#81
trans-1,4-Dichloro-2-butene
Concen: 49.660 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	78.8	118.2
89	44.9	35.4	53.0

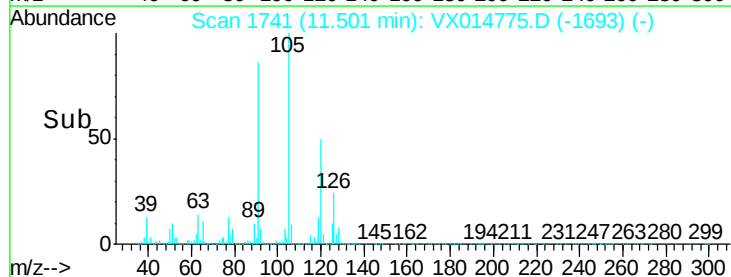
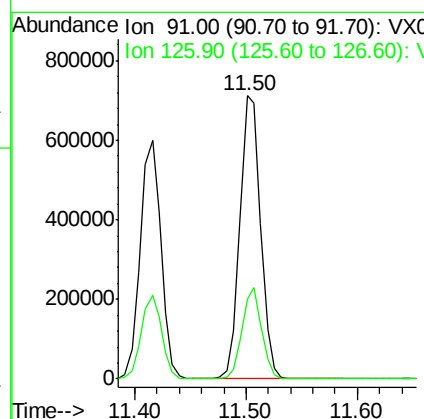
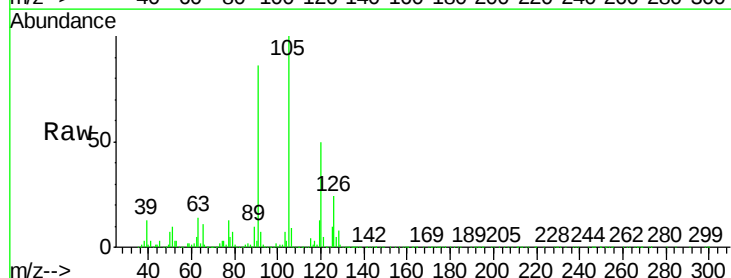
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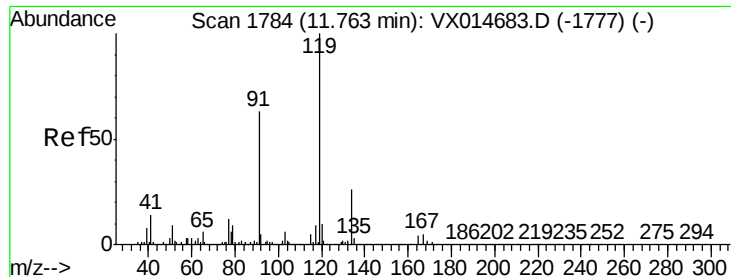
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#82
4-Chlorotoluene
Concen: 54.341 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.4





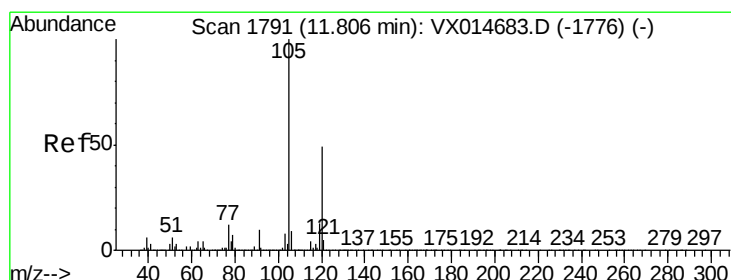
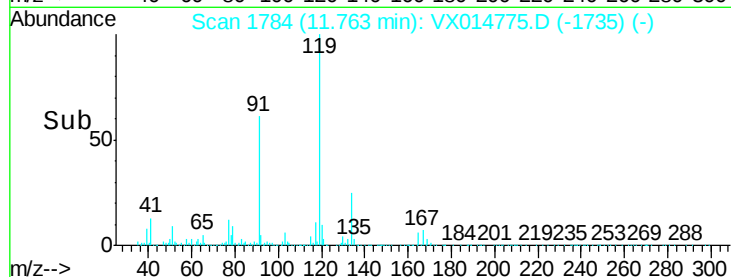
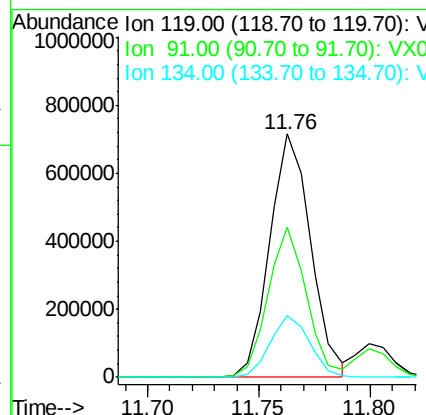
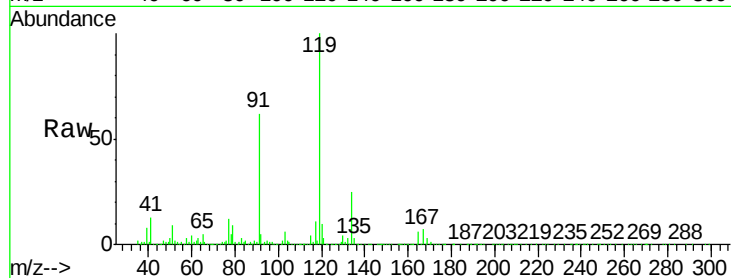
#83
tert-Butylbenzene
Concen: 54.489 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	913906		
91	58.1	30.0	90.0	
134	24.5	12.7	38.0	

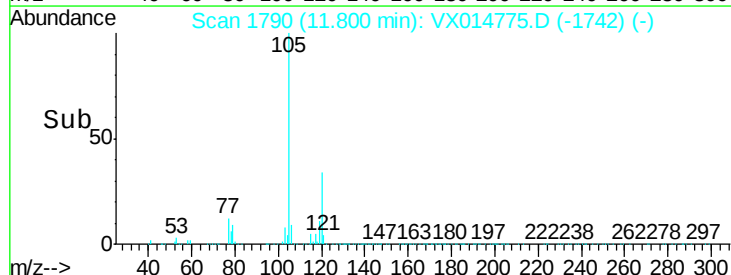
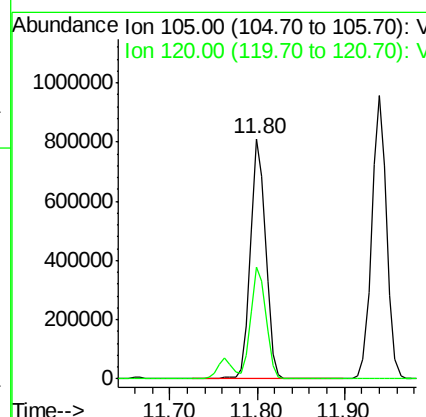
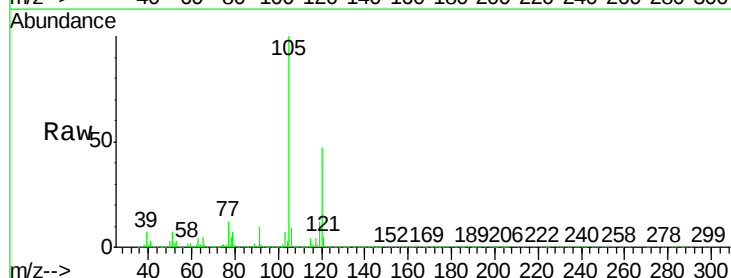
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#84
1,2,4-Trimethylbenzene
Concen: 54.465 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	975097		
120	46.0	23.4	70.0	





#85

sec-Butylbenzene

Concen: 55.639 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1143219

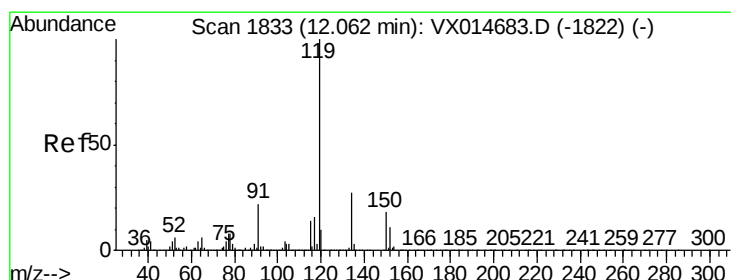
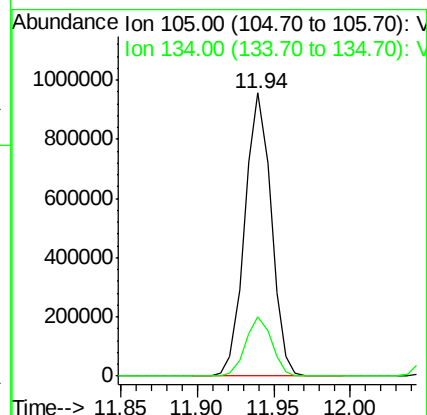
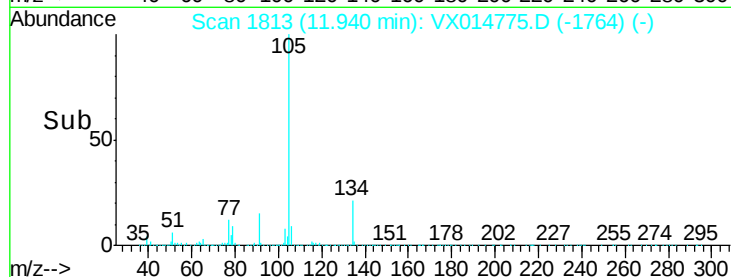
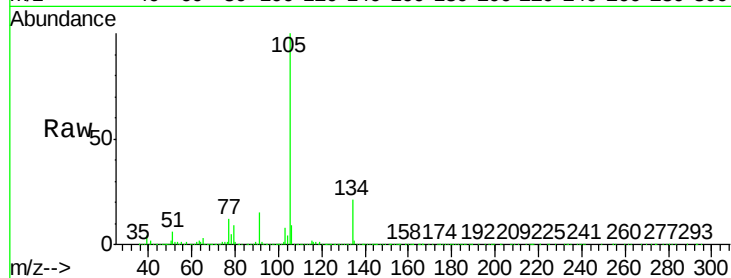
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 55.906 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

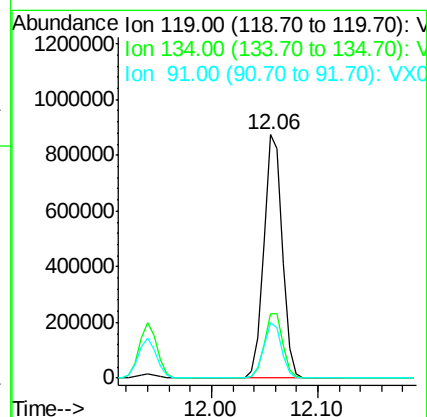
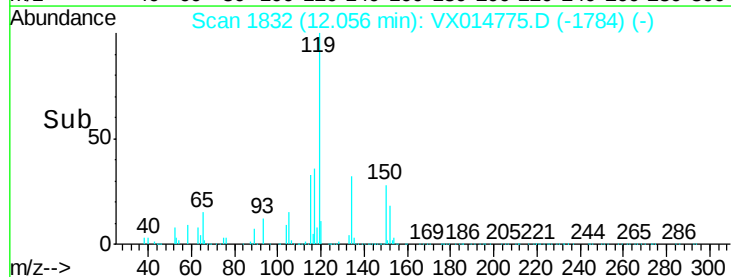
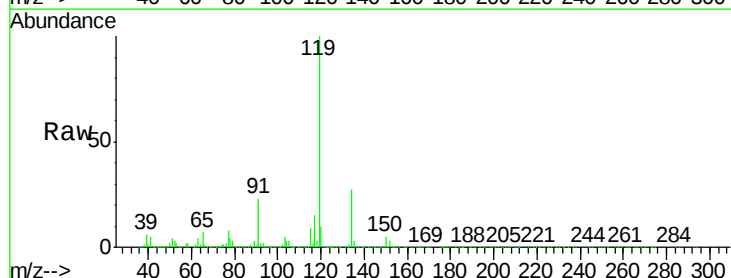
Tgt Ion:119 Resp: 1061575

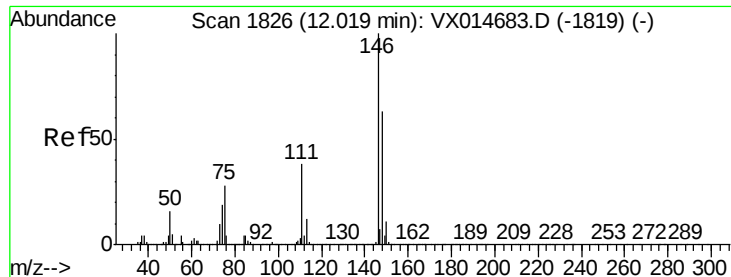
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.5 11.3 33.8





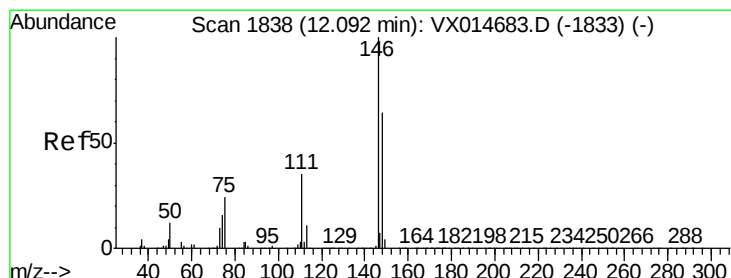
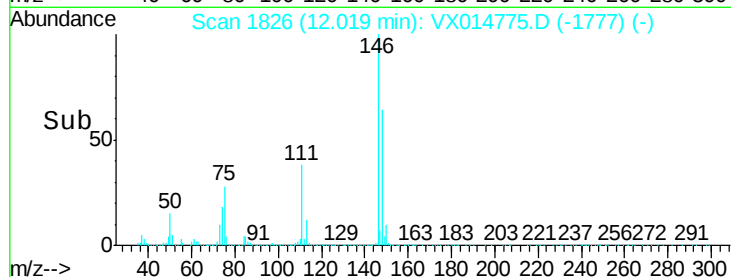
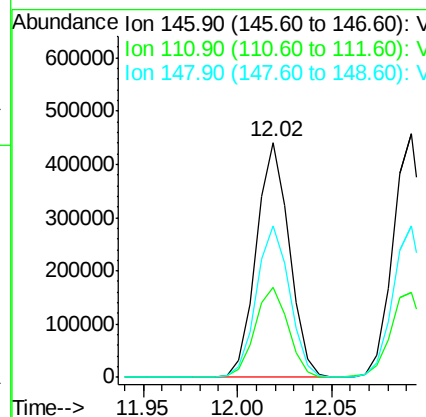
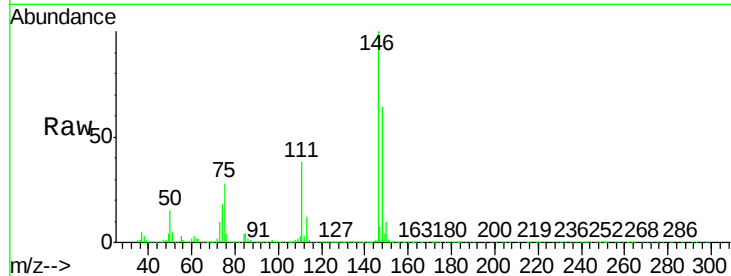
#87
 1,3-Dichlorobenzene
 Concen: 51.413 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.8	31.6	95.0

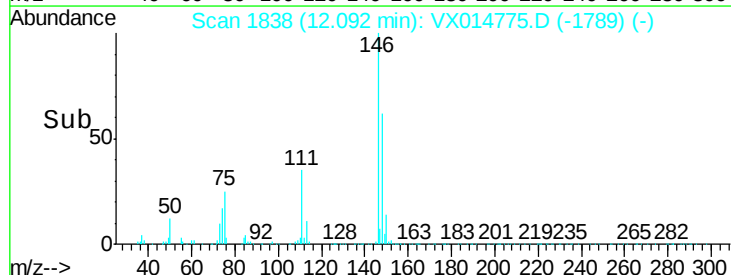
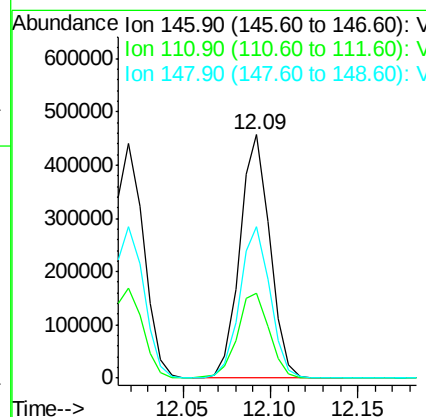
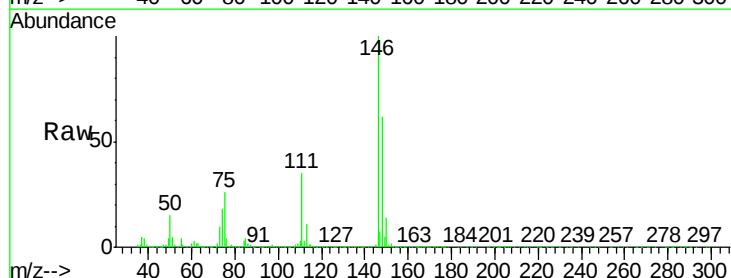
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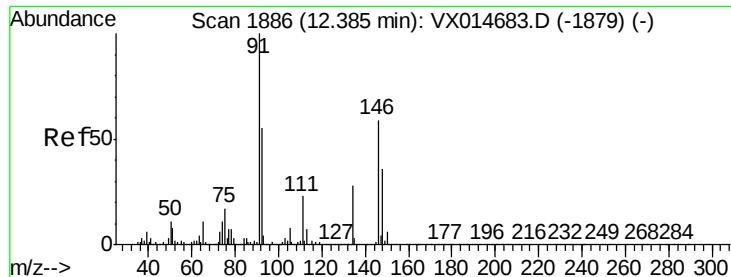
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#88
 1,4-Dichlorobenzene
 Concen: 52.362 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014775.D
 Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	63.0	32.0	96.2





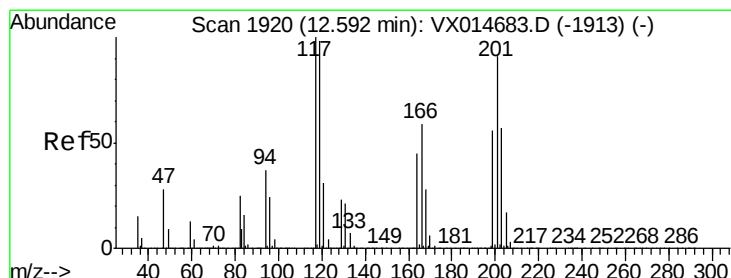
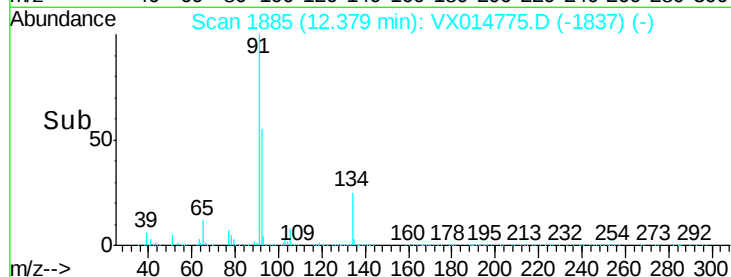
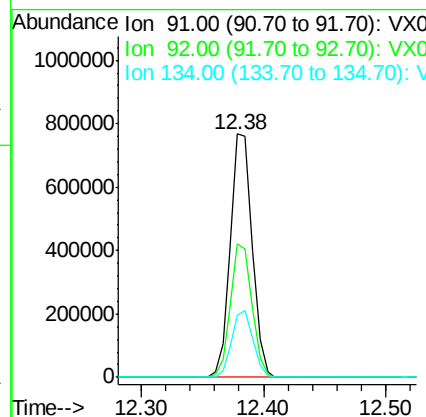
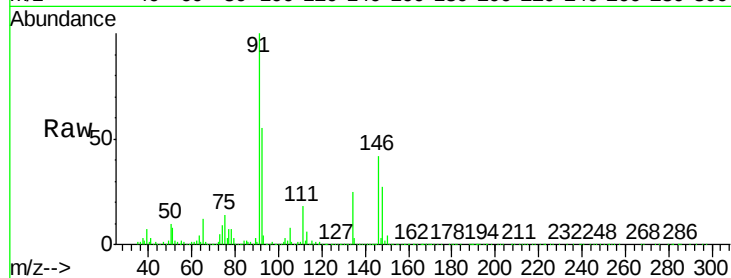
#89
n-Butylbenzene
Concen: 56.949 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	26.9	13.3	39.8

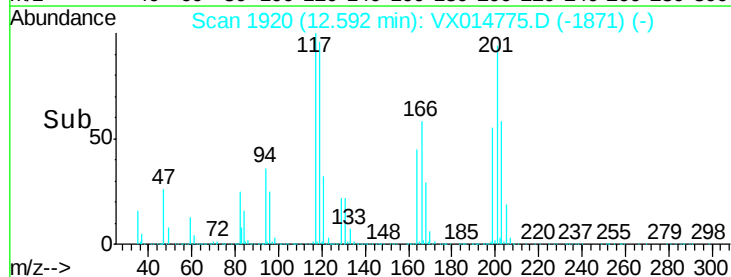
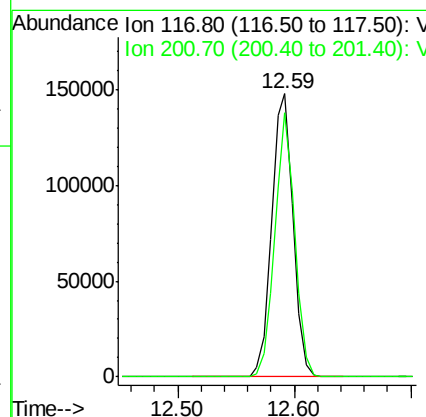
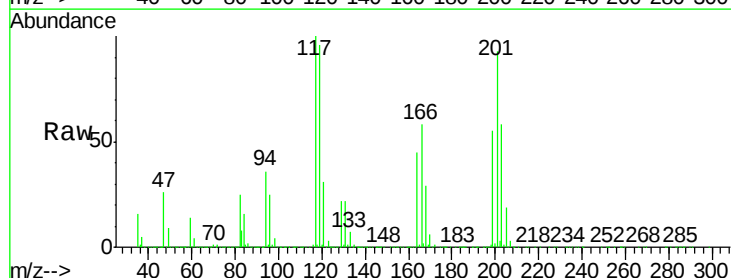
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#90
Hexachloroethane
Concen: 53.326 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 51.725 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Instrument :

MSVOA_X

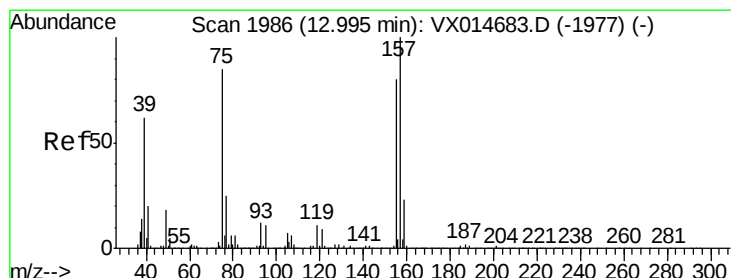
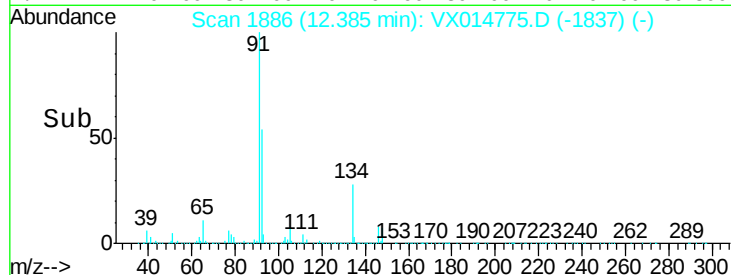
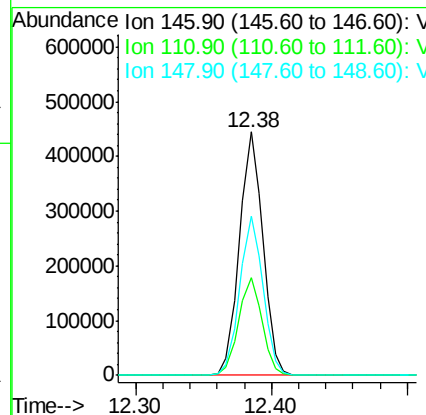
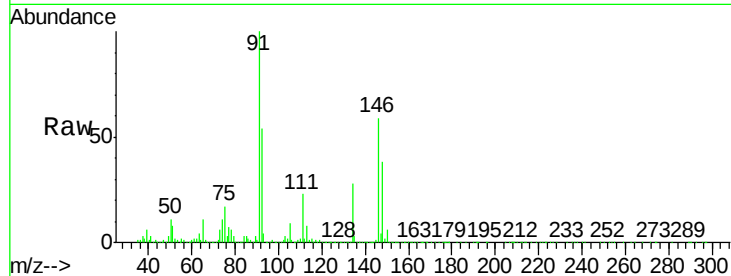
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	533405
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.8
148	64.8	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.324 ug/l

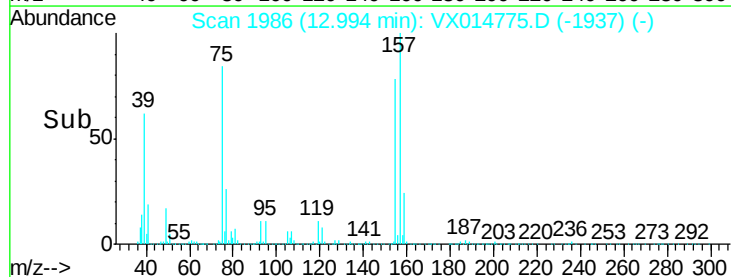
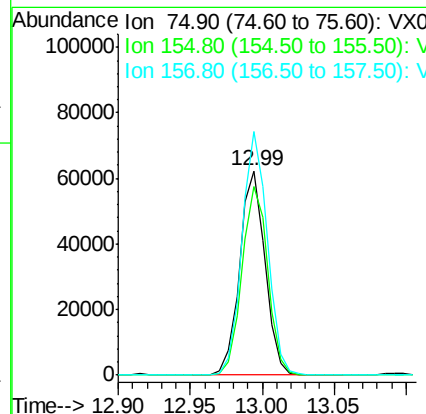
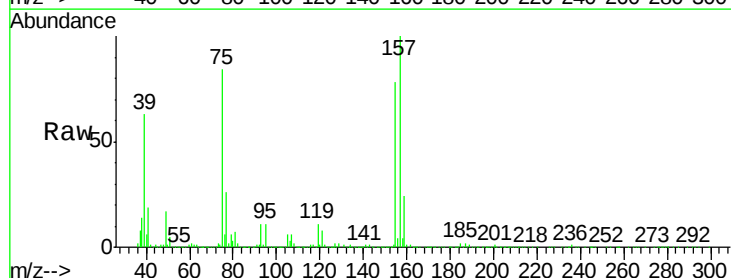
RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014775.D

Acq: 31 Jan 2020 10:52

Tgt Ion:	75	Resp:	76423
Ion Ratio	Lower	Upper	
75	100		
155	94.3	45.6	136.9
157	119.3	60.3	180.9





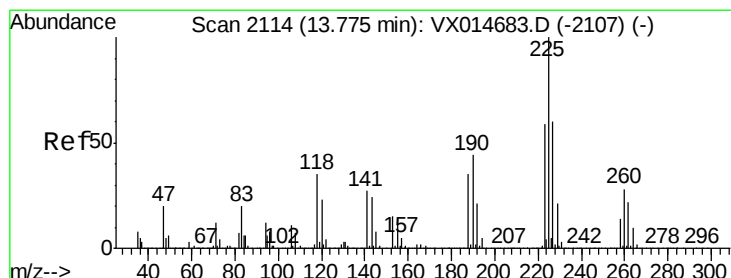
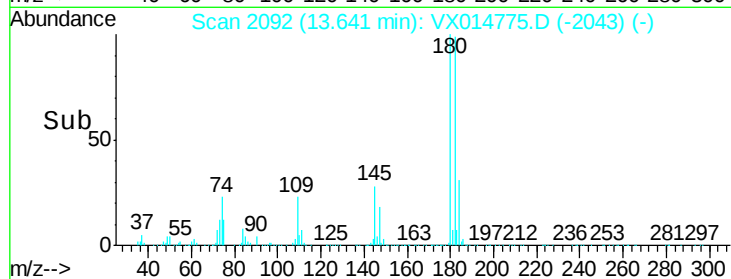
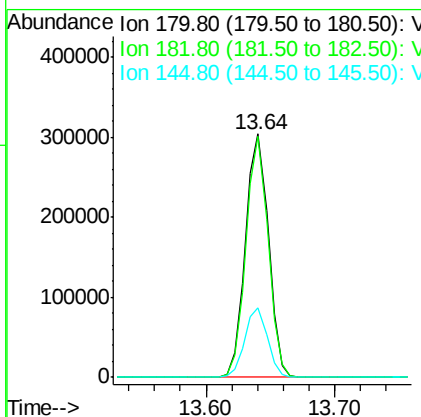
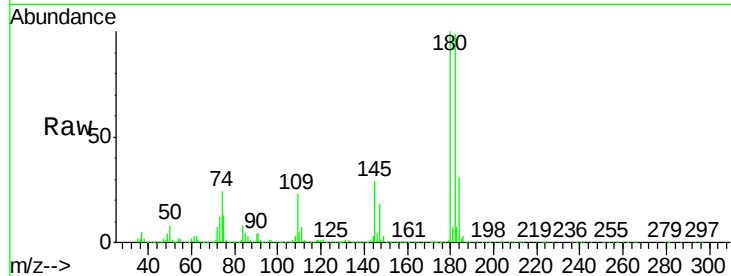
#93
1,2,4-Trichlorobenzene
Concen: 56.095 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	372949		
182	95.3	48.5	145.6	
145	28.1	14.0	41.9	

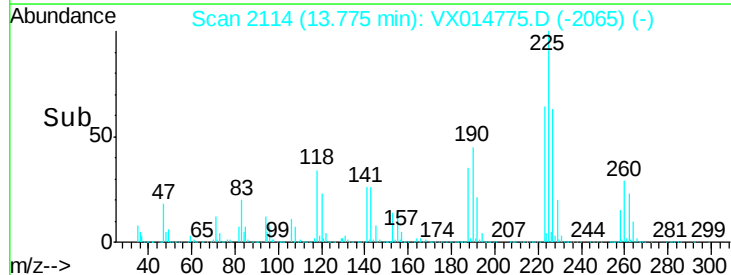
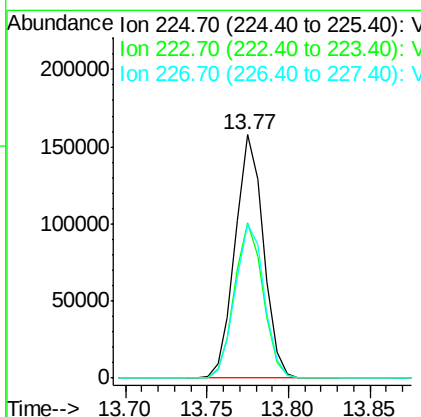
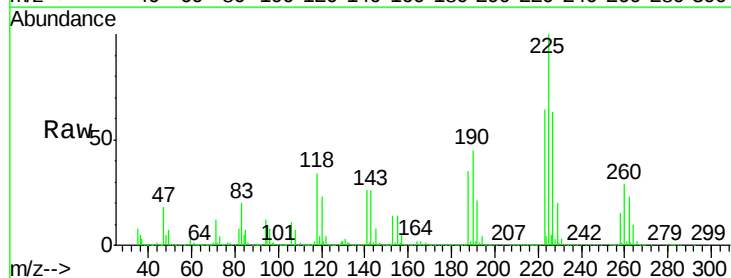
Manual Integrations
APPROVED

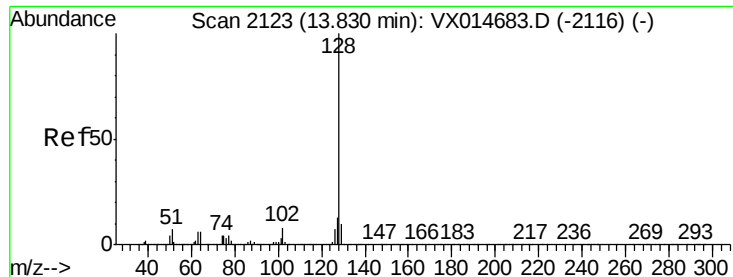
MMDadoda
2/4/2020 3:35:47 PM



#94
Hexachlorobutadiene
Concen: 55.712 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190645		
223	64.4	30.6	91.8	
227	65.0	31.4	94.0	





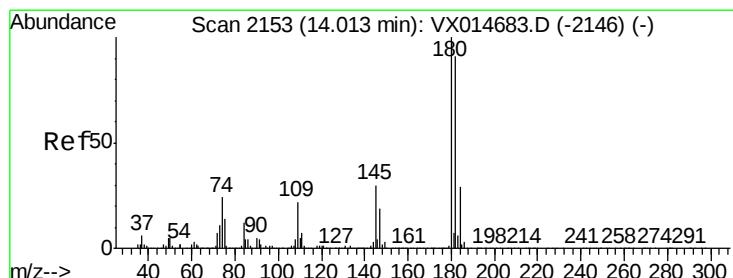
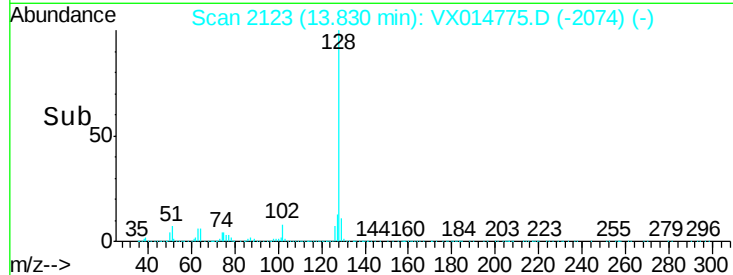
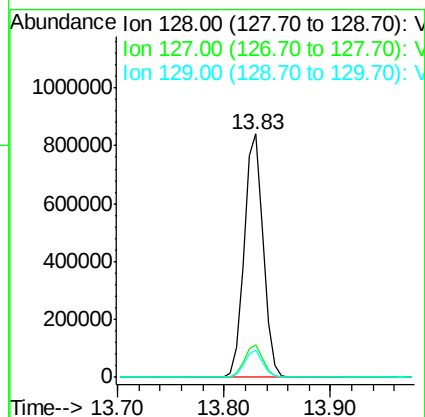
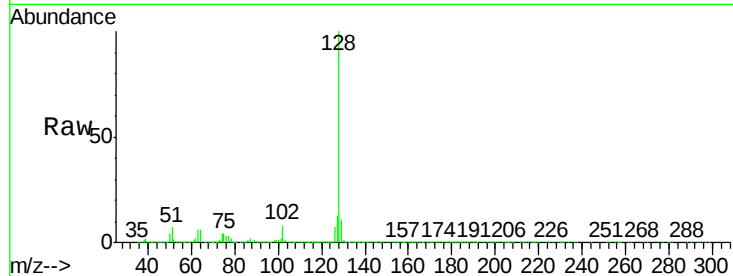
#95
Naphthalene
Concen: 49.086 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/4/2020 3:35:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.630 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014775.D
Acq: 31 Jan 2020 10:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.7
145	29.5	14.7	44.1

