

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030220\
 Data File : VX015061.D
 Acq On : 02 Mar 2020 09:41
 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
 3/3/2020 9:51:18 AM

Quant Time: Mar 02 16:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	410264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	572607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	228338	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	191804	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	733596	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	269262	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	180673	46.502	ug/l	98
3) Chloromethane	1.32	50	210431	47.772	ug/l	99
4) Vinyl Chloride	1.41	62	214040	45.107	ug/l	98
5) Bromomethane	1.63	94	125648	40.908	ug/l	99
6) Chloroethane	1.72	64	133975	44.125	ug/l	99
7) Trichlorofluoromethane	1.92	101	274281	41.371	ug/l	98
8) Diethyl Ether	2.18	74	120249	43.739	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	176275	45.805	ug/l	99
10) Methyl Iodide	2.50	142	199891	46.890	ug/l	98
11) Tert butyl alcohol	3.03	59	186481	228.107	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164398	43.717	ug/l	98
13) Acrolein	2.28	56	150073	240.856	ug/l	99
14) Allyl chloride	2.72	41	317629	47.641	ug/l	92
15) Acrylonitrile	3.13	53	526667	254.125	ug/l	99
16) Acetone	2.43	43	575771	230.649	ug/l	95
17) Carbon Disulfide	2.56	76	419372	39.914	ug/l	100
18) Methyl Acetate	2.76	43	254703	54.619	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	588219	48.063	ug/l	99
20) Methylene Chloride	2.85	84	194120	43.583	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	184465	44.456	ug/l	99
22) Diisopropyl ether	3.84	45	673428	52.885	ug/l	87
23) Vinyl Acetate	3.80	43	2775156	264.373	ug/l	99
24) 1,1-Dichloroethane	3.69	63	351703	48.938	ug/l	99
25) 2-Butanone	4.65	43	856823	271.818	ug/l	97
26) 2,2-Dichloropropane	4.57	77	315715	50.976	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	239145	51.559	ug/l	99
28) Bromochloromethane	5.00	49	153850	55.230	ug/l	97
29) Tetrahydrofuran	5.11	42	506292	282.542	ug/l	97
30) Chloroform	5.20	83	374633	52.541	ug/l	100
31) Cyclohexane	5.57	56	335628	51.275	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	318707	51.098	ug/l	100
36) 1,1-Dichloropropene	5.79	75	277003	50.436	ug/l	99
37) Ethyl Acetate	4.81	43	307267	53.641	ug/l	99
38) Carbon Tetrachloride	5.77	117	275269	51.430	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	348772	50.777	ug/l	99
40) Benzene	6.13	78	859215	52.361	ug/l	100
41) Methacrylonitrile	5.03	41	173861	56.340	ug/l	99
42) 1,2-Dichloroethane	6.18	62	300212	50.618	ug/l	97
43) Isopropyl Acetate	6.43	43	516649	54.675	ug/l	99
44) Trichloroethene	7.20	130	239945	50.370	ug/l	99
45) 1,2-Dichloropropane	7.50	63	228599	54.624	ug/l	98
46) Dibromomethane	7.65	93	147560	51.583	ug/l	97
47) Bromodichloromethane	7.89	83	299290	52.766	ug/l	98
48) Methyl methacrylate	7.76	41	256245	55.102	ug/l	98
49) 1,4-Dioxane	7.73	88	88991	1023.499	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1592146	279.040	ug/l	100
52) Toluene	8.78	92	545703	52.359	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	337496	54.293	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	369165	53.758	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	226110	53.622	ug/l	98
56) Ethyl methacrylate	9.17	69	354979	56.007	ug/l	98
57) 1,3-Dichloropropane	9.36	76	377986	53.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	943591	284.669	ug/l	98
59) 2-Hexanone	9.48	43	1250786	278.893	ug/l	99
60) Dibromochloromethane	9.57	129	243643	53.691	ug/l	97
61) 1,2-Dibromoethane	9.67	107	234814	51.611	ug/l	100
64) Tetrachloroethene	9.33	164	240276	44.881	ug/l	97
65) Chlorobenzene	10.13	112	599921	51.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	222712	52.820	ug/l	98
67) Ethyl Benzene	10.25	91	1055841	53.455	ug/l	100
68) m/p-Xylenes	10.35	106	808462	106.250	ug/l	99
69) o-Xylene	10.69	106	387726	53.009	ug/l	99
70) Styrene	10.71	104	676463	54.668	ug/l	99
71) Bromoform	10.85	173	188587	53.585	ug/l	100
73) Isopropylbenzene	11.01	105	1040953	54.066	ug/l	100
74) N-amyl acetate	10.89	43	452271	56.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	341920	54.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	286531m	51.609	ug/l	
77) Bromobenzene	11.25	156	275304	51.230	ug/l	99
78) n-propylbenzene	11.35	91	1224159	54.972	ug/l	100
79) 2-Chlorotoluene	11.42	91	705742	53.908	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	881363	54.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116828	53.863	ug/l	99
82) 4-Chlorotoluene	11.51	91	827419	53.370	ug/l	100
83) tert-Butylbenzene	11.76	119	849965	55.793	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	890912	54.952	ug/l	100
85) sec-Butylbenzene	11.94	105	1051730	55.573	ug/l	99
86) p-Isopropyltoluene	12.06	119	977110	55.173	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	501360	52.005	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	502422	51.034	ug/l	100
89) n-Butylbenzene	12.39	91	884804	55.785	ug/l	100
90) Hexachloroethane	12.59	117	172505	55.777	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	499765	52.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70498	47.745	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	366084	52.461	ug/l	99
94) Hexachlorobutadiene	13.78	225	186675	55.307	ug/l	98
95) Naphthalene	13.83	128	1015218	54.717	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	364008	53.992	ug/l	100

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

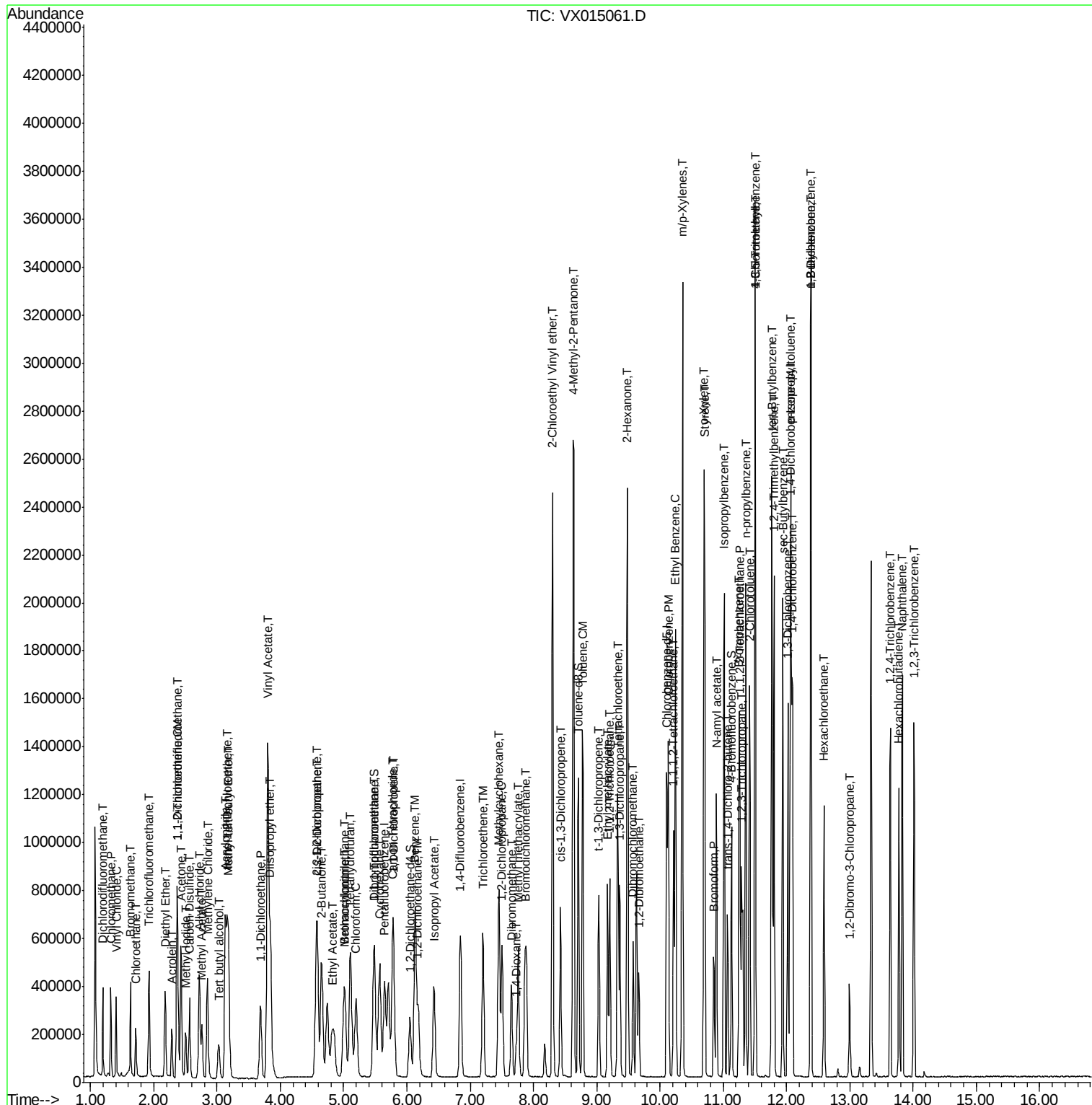
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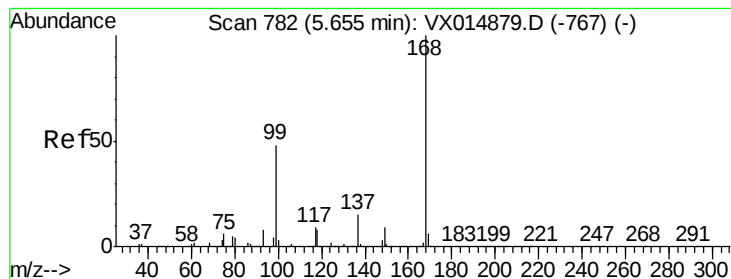
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 410264

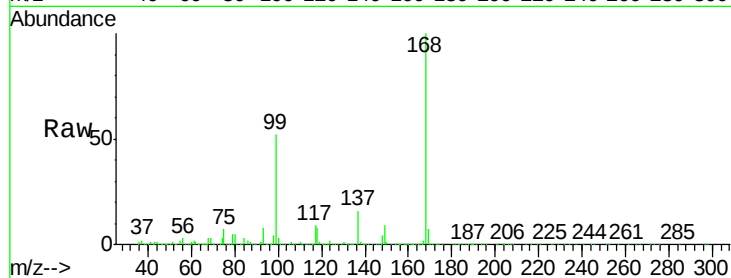
Ion Ratio Lower Upper

168 100

99 51.5 38.7 58.1

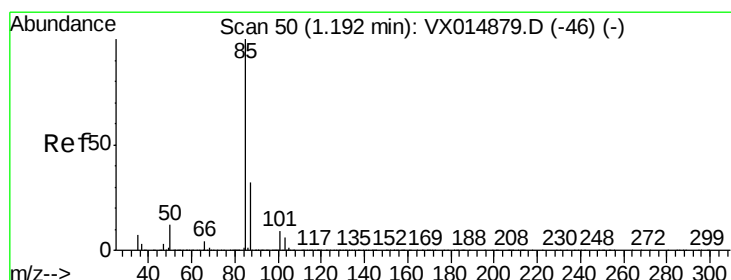
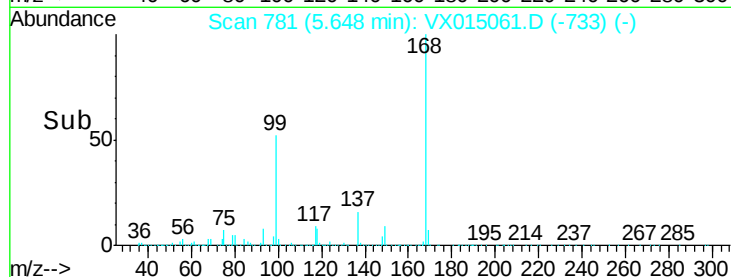
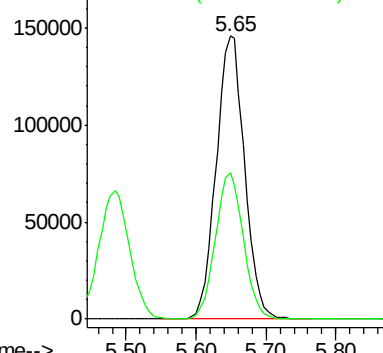
Manual Integrations
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3/3/2020 9:51:18 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.502 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015061.D

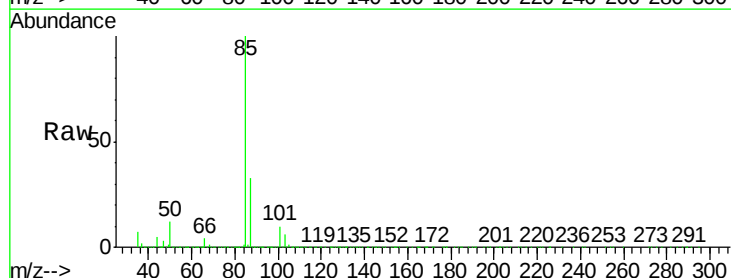
Acq: 02 Mar 2020 09:41

Tgt Ion: 85 Resp: 180673

Ion Ratio Lower Upper

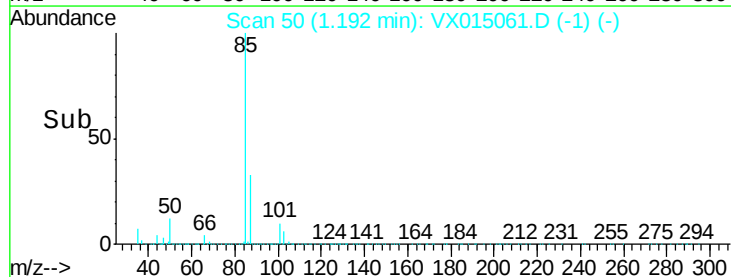
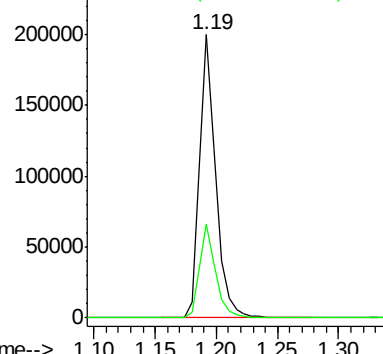
85 100

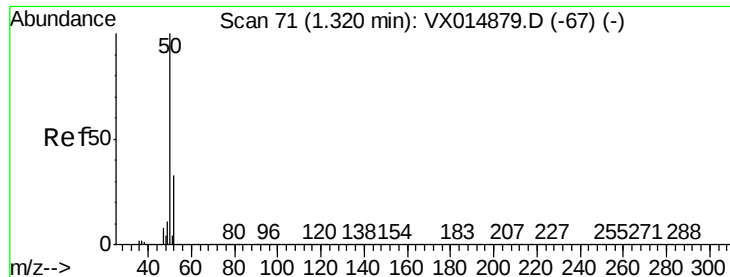
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.772 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 210431

Ion Ratio Lower Upper

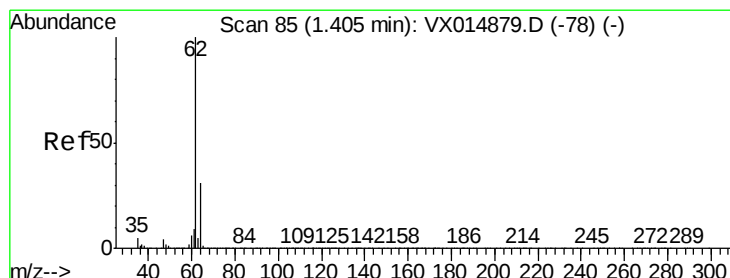
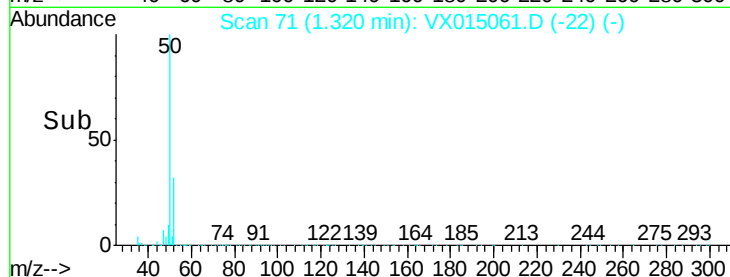
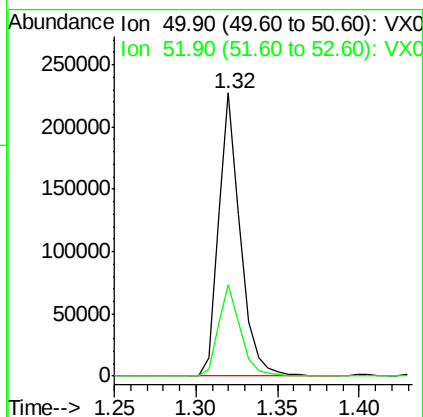
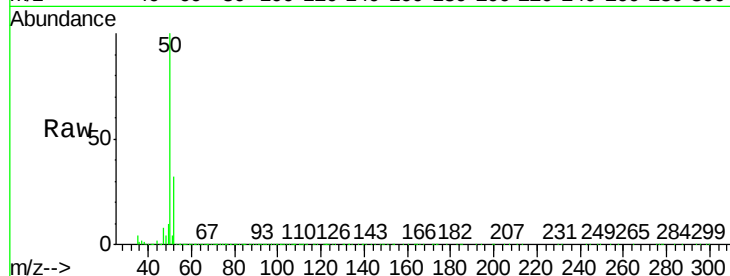
50 100

52 32.4 26.2 39.2

Manual Integrations
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3/3/2020 9:51:18 AM



#4

Vinyl Chloride

Concen: 45.107 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015061.D

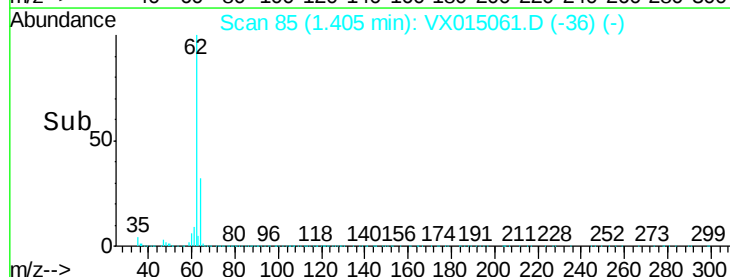
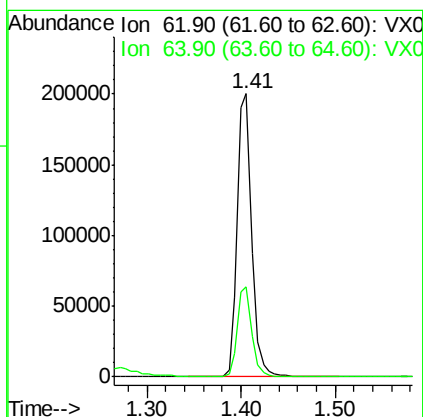
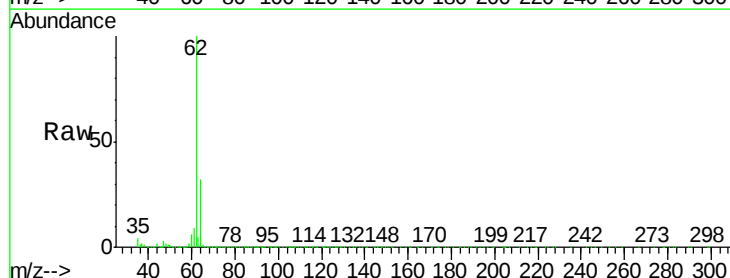
Acq: 02 Mar 2020 09:41

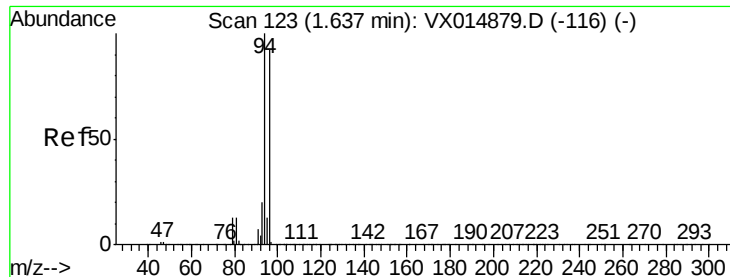
Tgt Ion: 62 Resp: 214040

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 40.908 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

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Tot Ion: 94 Resp: 125648

Ion Ratio Lower Upper

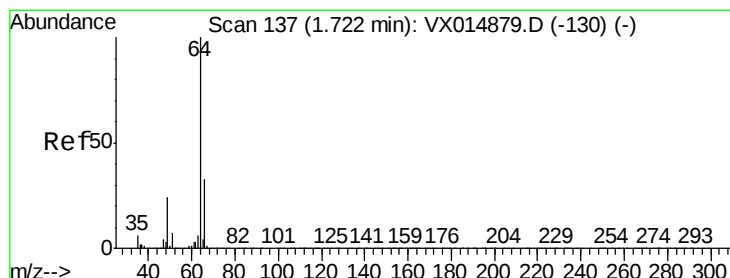
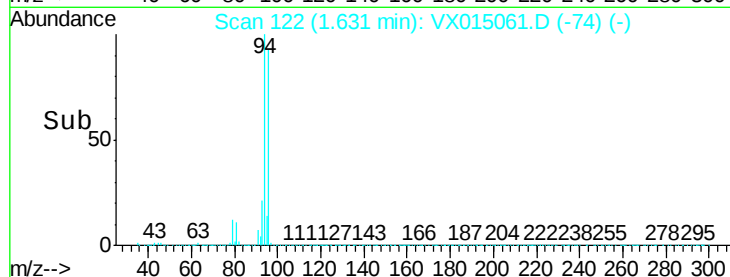
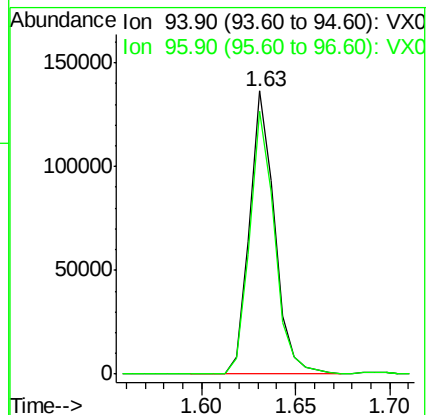
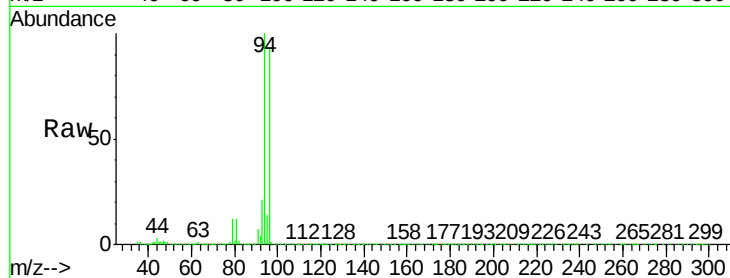
94 100

96 92.7 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 44.125 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015061.D

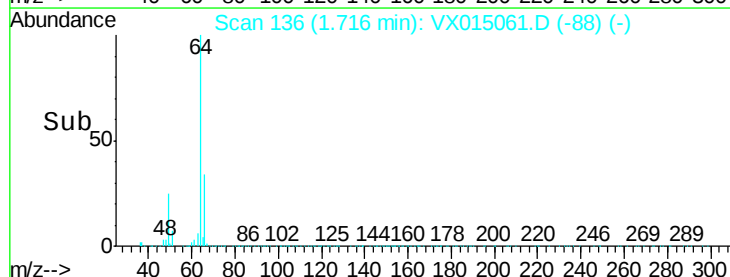
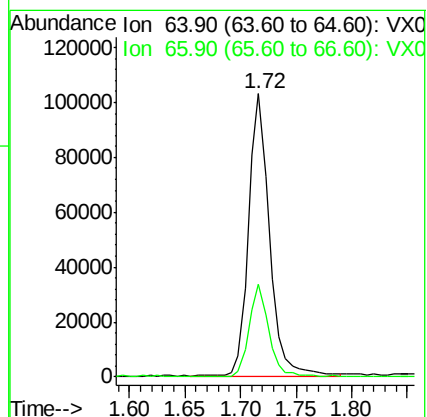
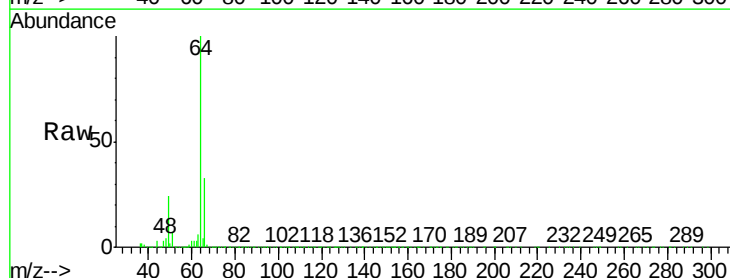
Acq: 02 Mar 2020 09:41

Tgt Ion: 64 Resp: 133975

Ion Ratio Lower Upper

64 100

66 32.5 26.2 39.4





#7

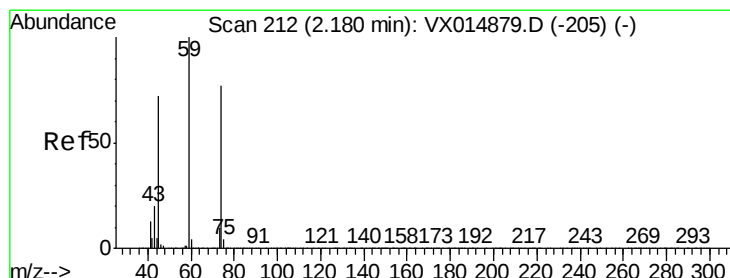
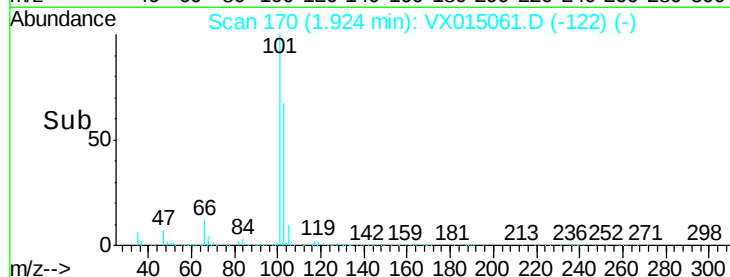
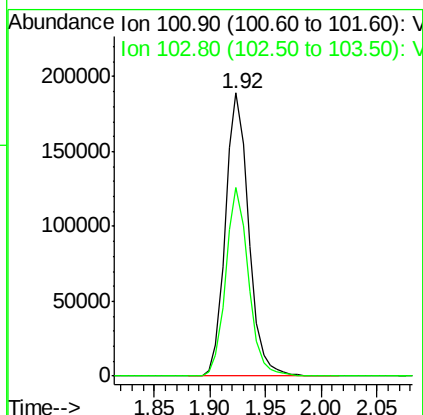
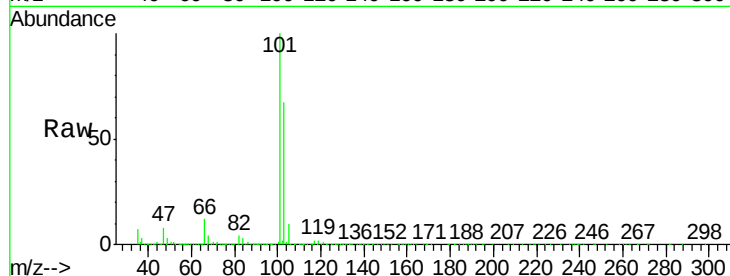
Trichlorofluoromethane
Concen: 41.371 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

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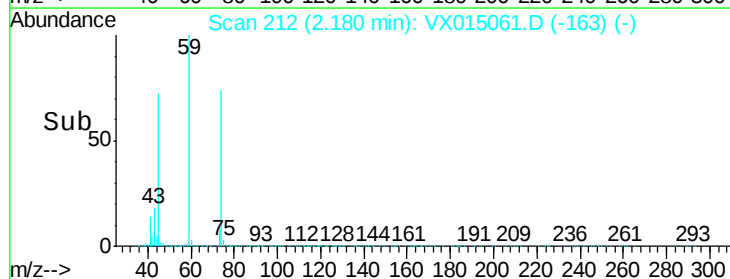
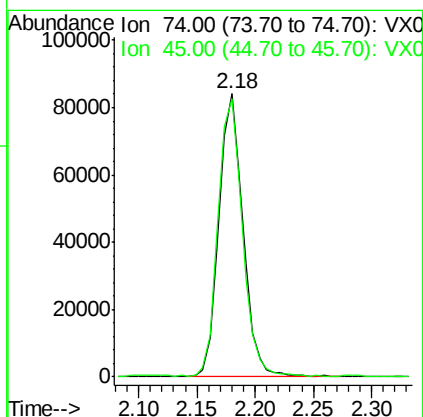
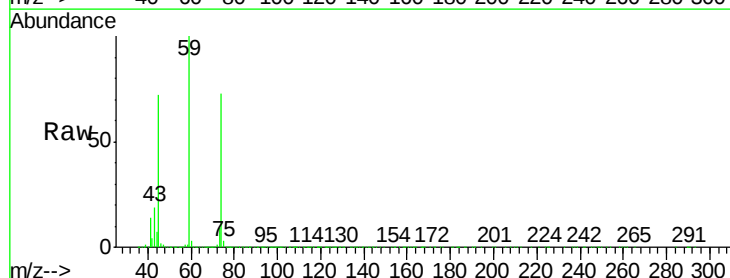
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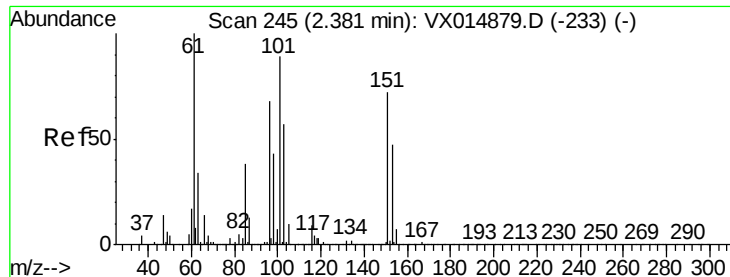


#8

Diethyl Ether
Concen: 43.739 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015061.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.805 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

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MSVOA_X

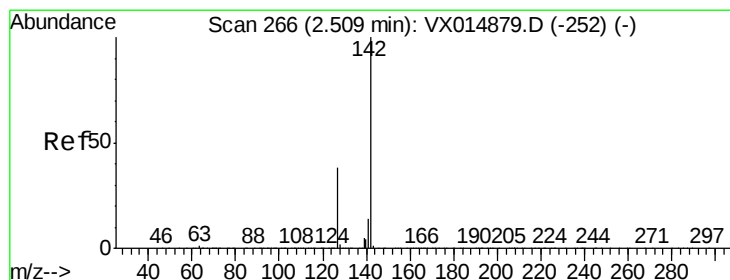
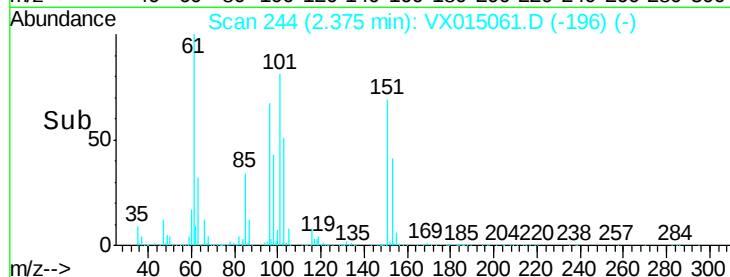
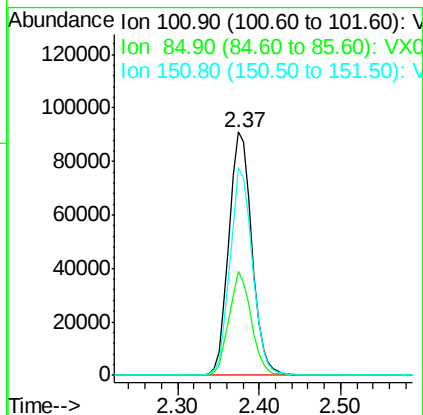
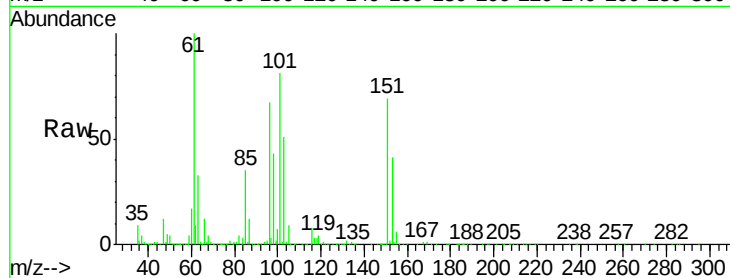
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	176275
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.1	51.1
151	83.5	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 46.890 ug/l

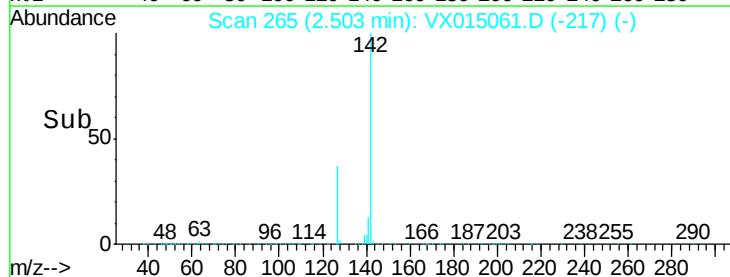
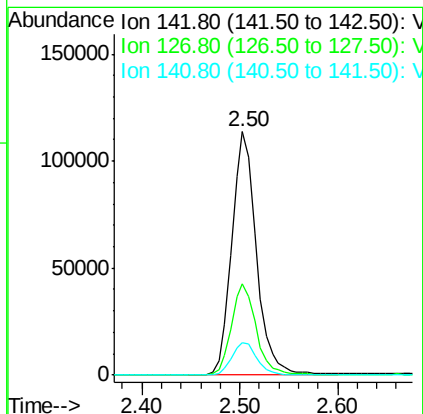
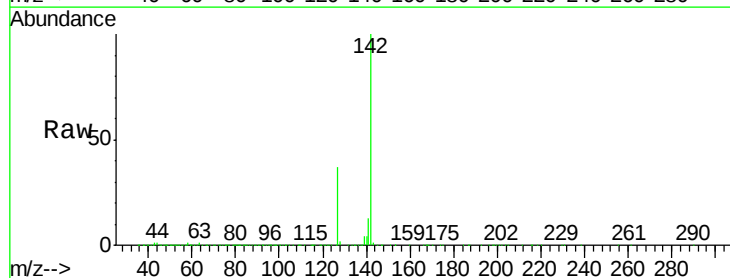
RT: 2.50 min Scan# 265

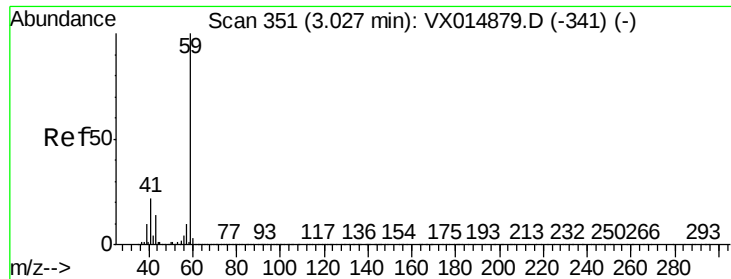
Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	142	Resp:	199891
Ion Ratio	Lower	Upper	
142	100		
127	37.7	31.1	46.7
141	13.9	11.3	16.9





#11

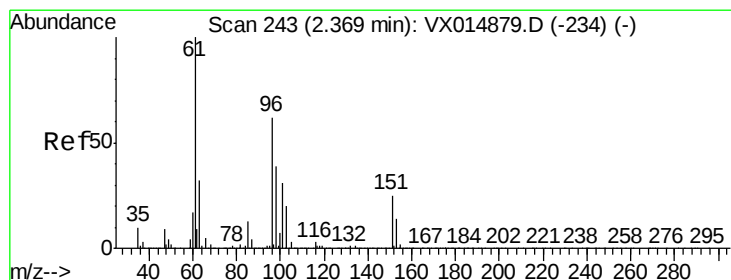
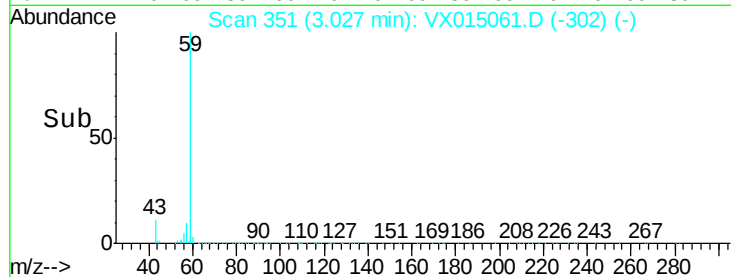
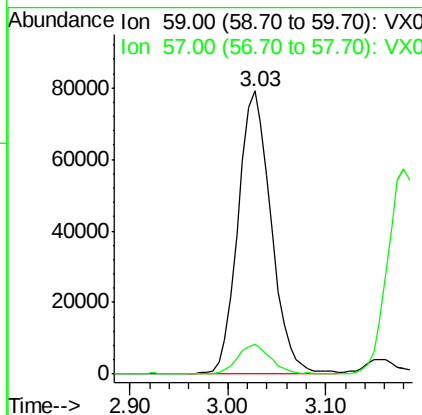
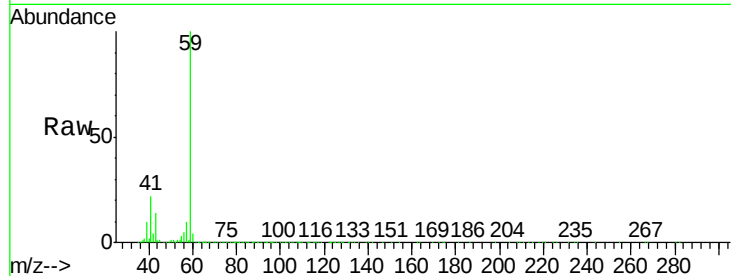
Tert butyl alcohol
Concen: 228.107 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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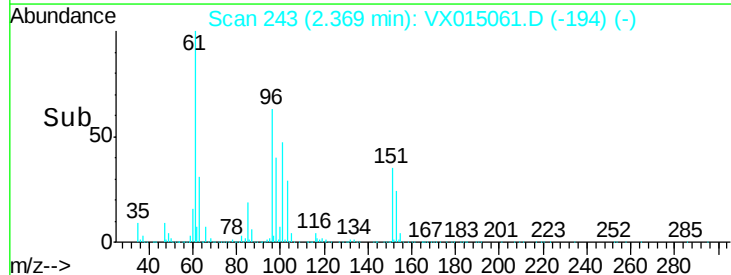
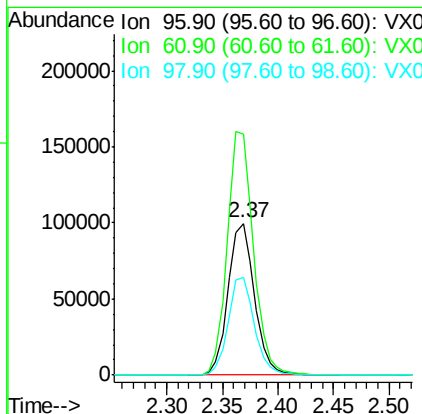
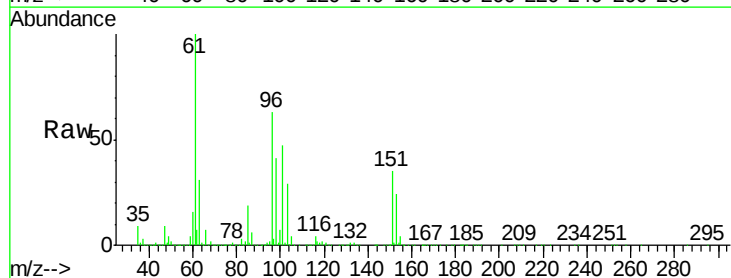
MMDadoda
3/3/2020 9:51:18 AM

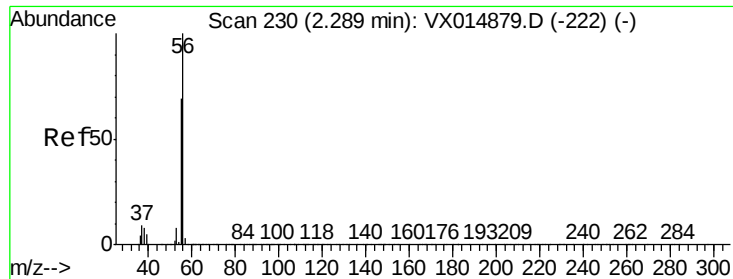


#12

1,1-Dichloroethene
Concen: 43.717 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	129.5	194.3
98	64.3	50.6	76.0





#13

Acrolein

Concen: 240.856 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 150073

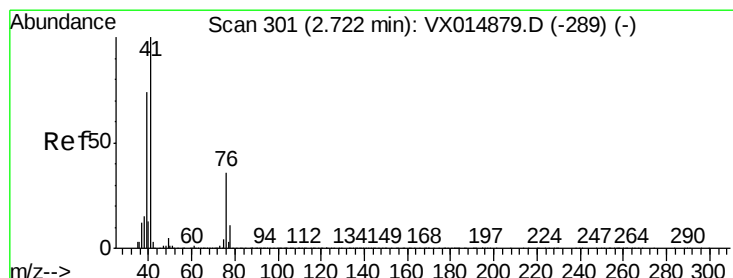
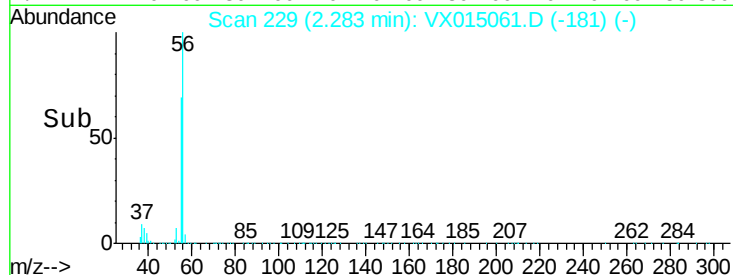
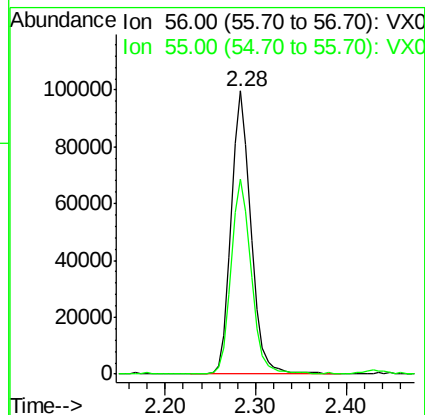
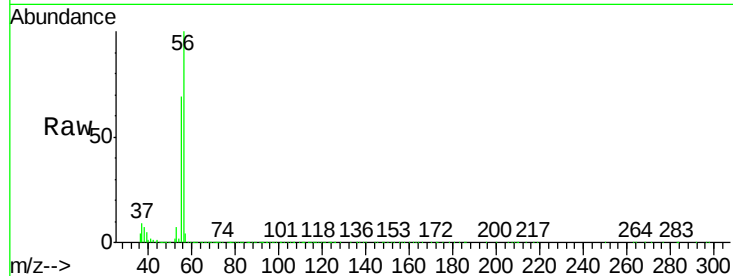
Ion Ratio Lower Upper

56 100

55 69.7 55.0 82.4

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3/3/2020 9:51:18 AM



#14

Allyl chloride

Concen: 47.641 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

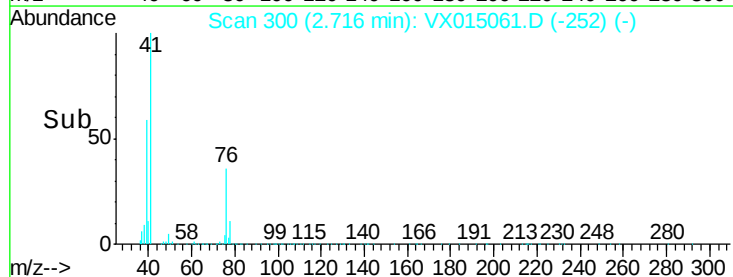
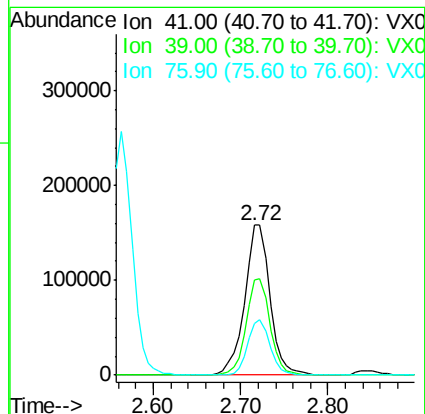
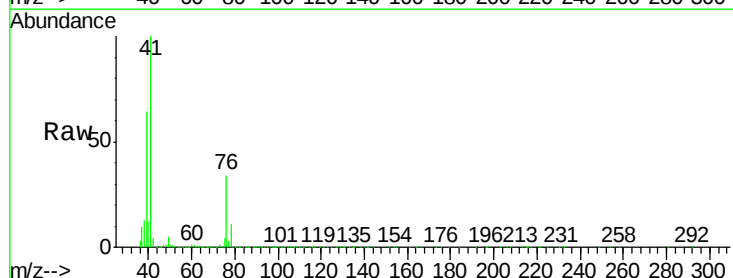
Tgt Ion: 41 Resp: 317629

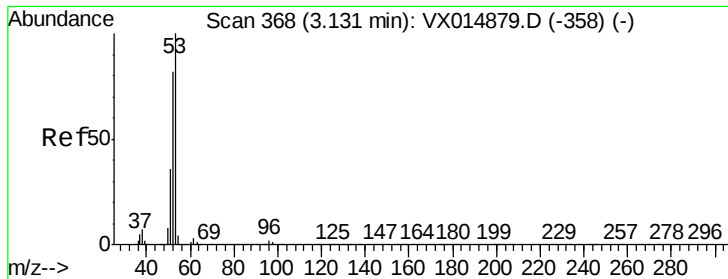
Ion Ratio Lower Upper

41 100

39 60.6 55.2 82.8

76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 254.125 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

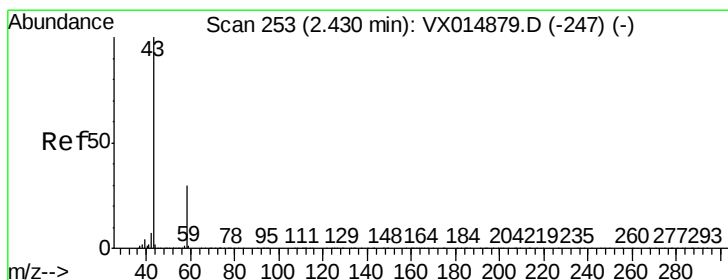
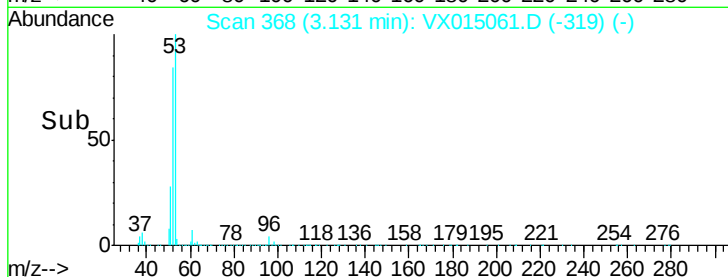
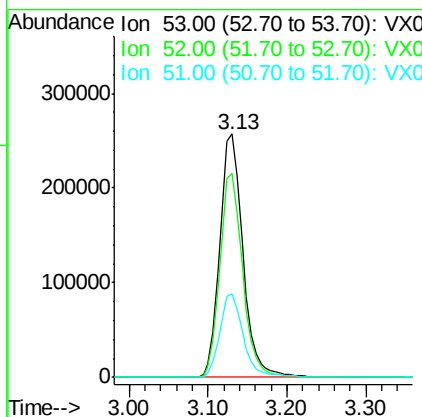
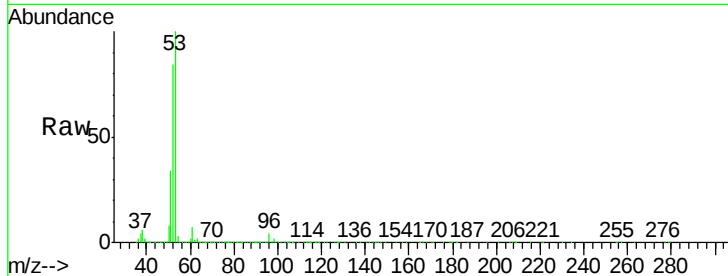
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	526667
Ion Ratio		Lower	Upper
53	100		
52	82.7	65.8	98.6
51	34.9	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 230.649 ug/l

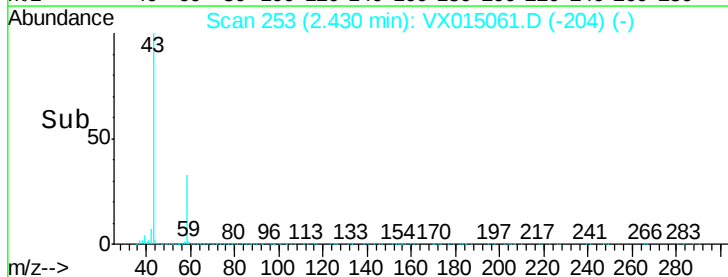
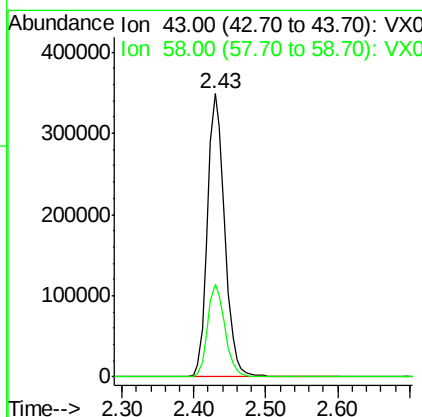
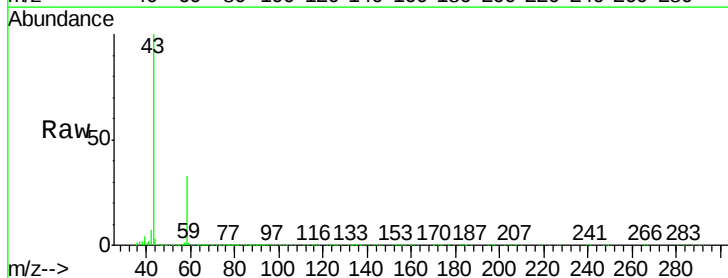
RT: 2.43 min Scan# 253

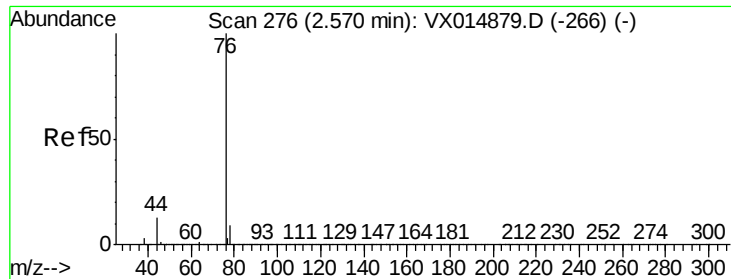
Delta R.T. 0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	43	Resp:	575771
Ion Ratio		Lower	Upper
43	100		
58	32.6	24.1	36.1





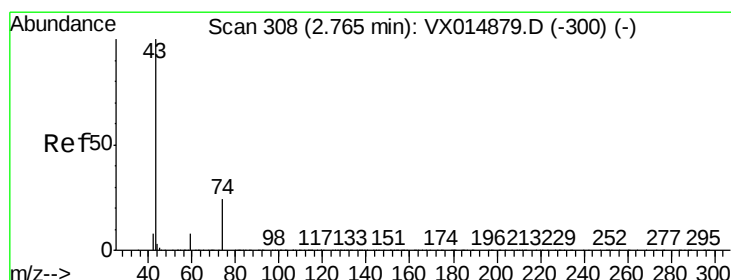
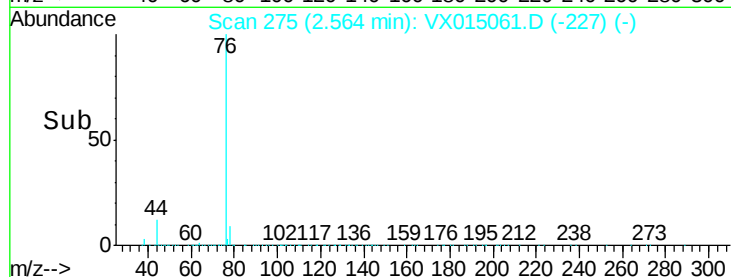
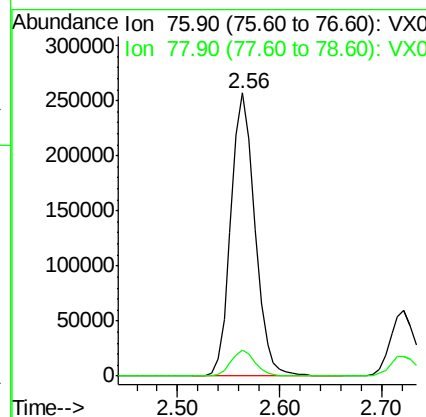
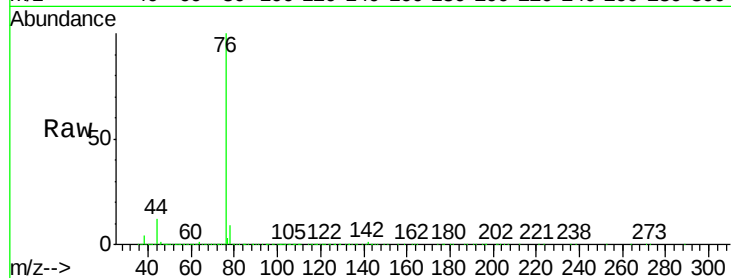
#17
Carbon Disulfide
Concen: 39.914 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

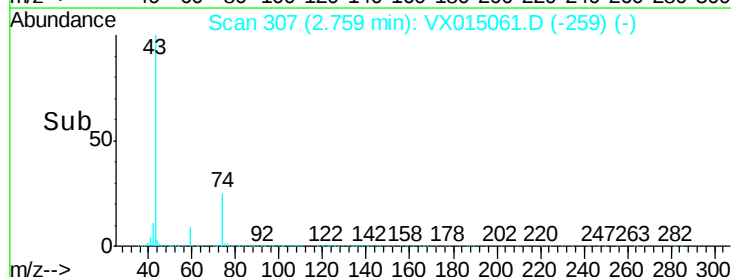
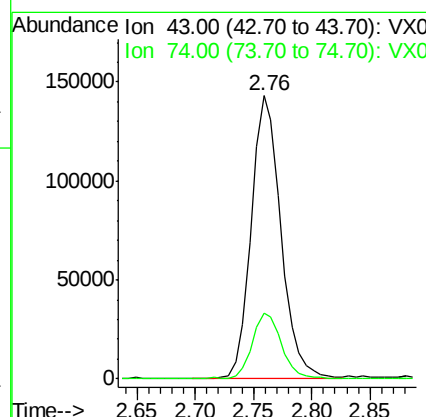
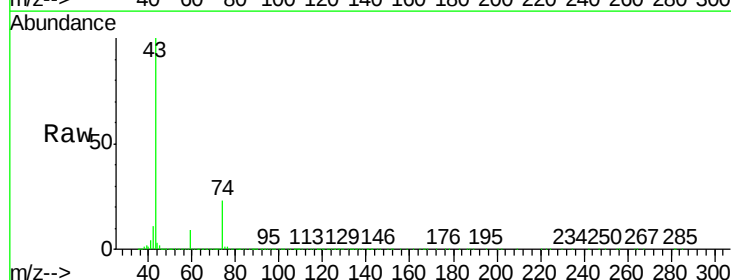
Manual Integrations
APPROVED

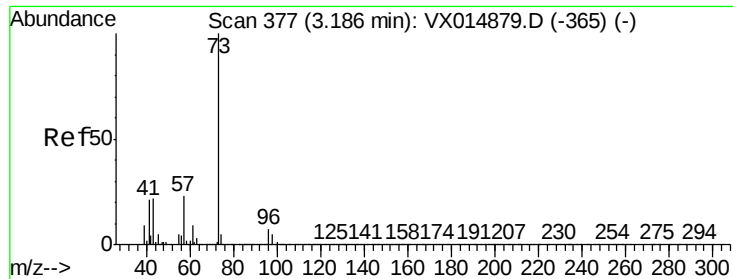
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#18
Methyl Acetate
Concen: 54.619 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.0





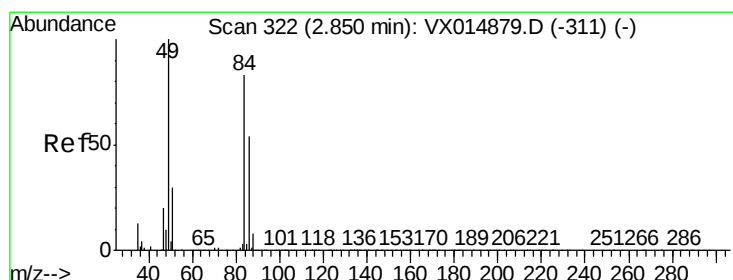
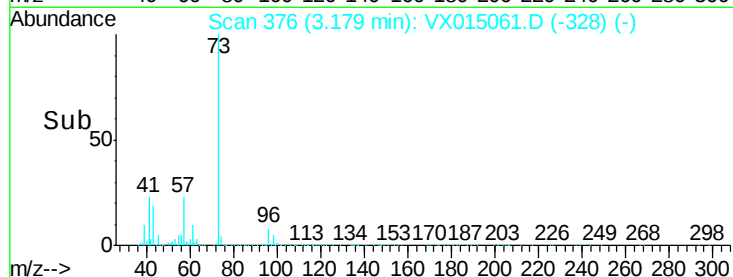
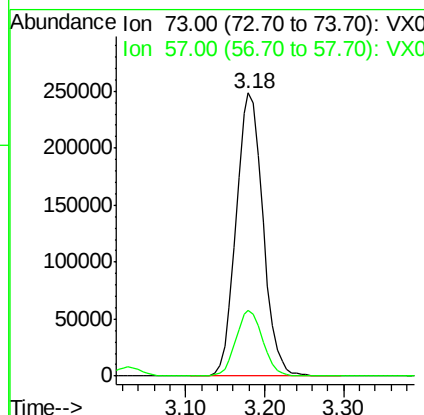
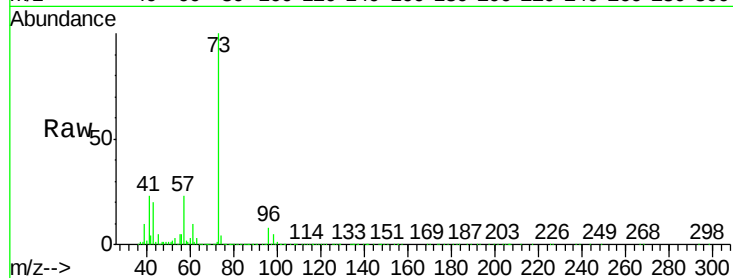
#19
Methvl tert-butvl Ether
Concen: 48.063 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 588219
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

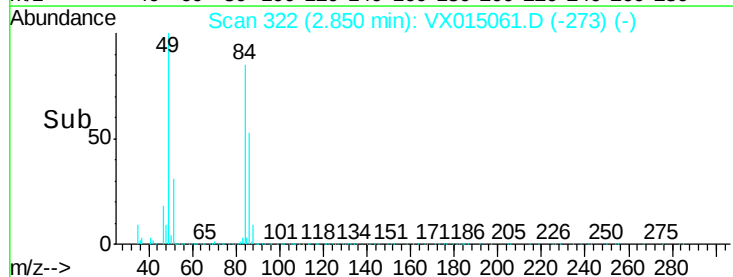
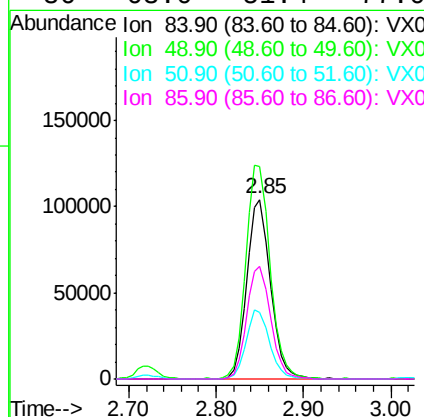
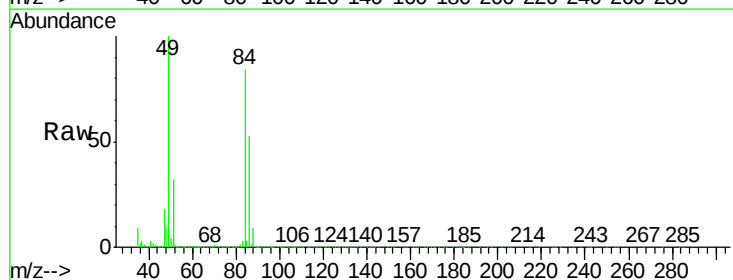
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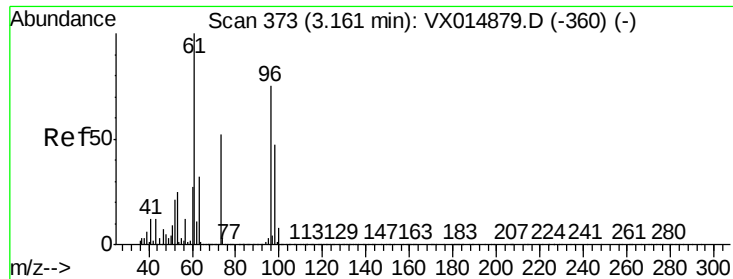
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#20
Methylene Chloride
Concen: 43.583 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 84 Resp: 194120
Ion Ratio Lower Upper
84 100
49 118.4 95.6 143.4
51 37.3 29.0 43.6
86 63.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 44.456 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

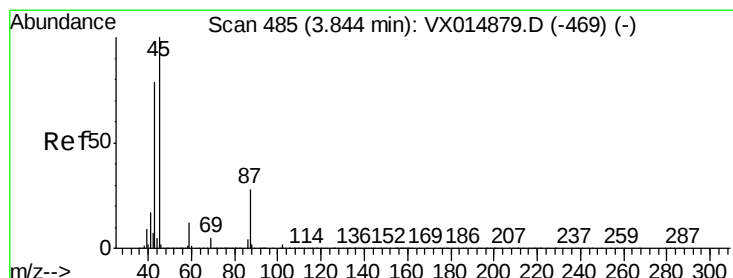
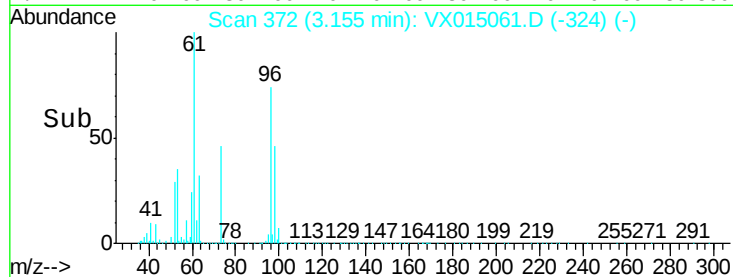
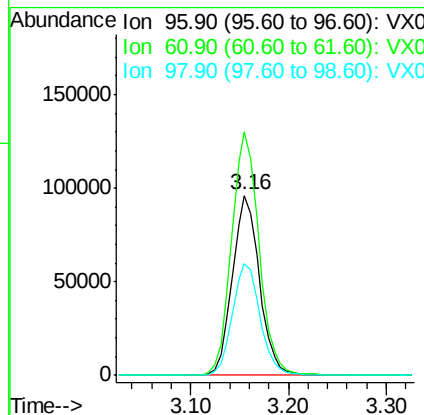
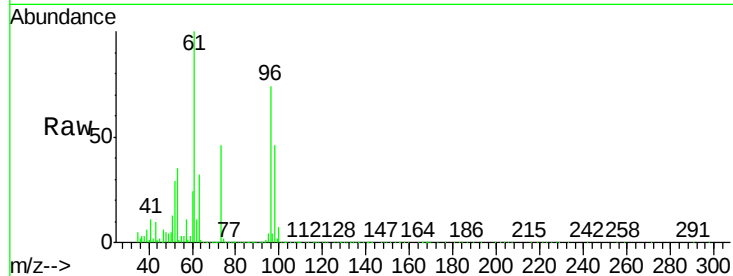
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	184465
Ion Ratio	Lower	Upper	
96	100		
61	135.1	106.9	160.3
98	62.4	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.885 ug/l

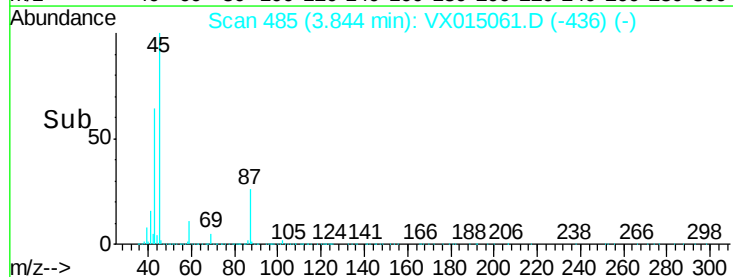
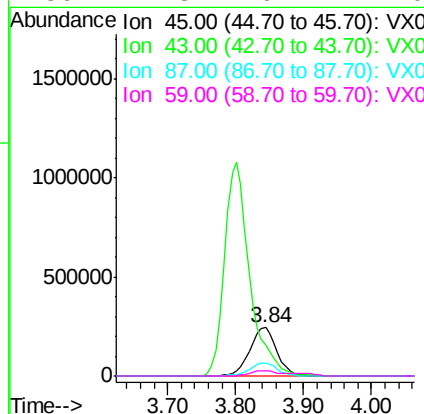
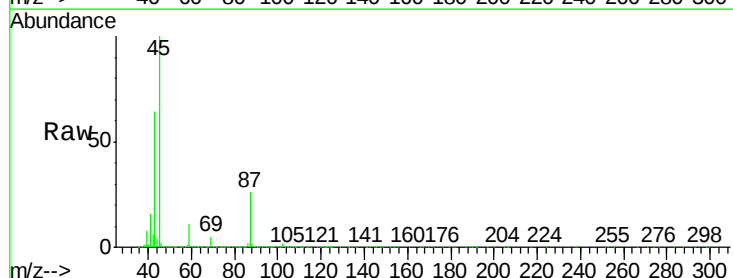
RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	45	Resp:	673428
Ion Ratio	Lower	Upper	
45	100		
43	63.6	63.5	95.3
87	26.3	22.2	33.4
59	11.3	9.4	14.0





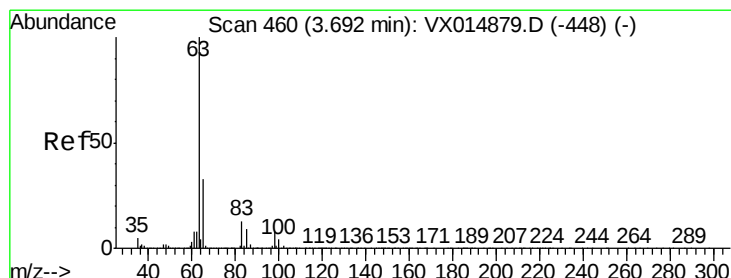
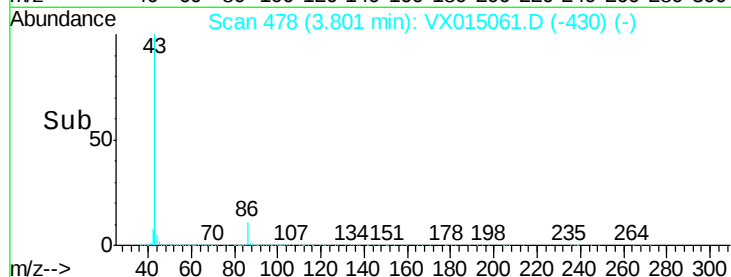
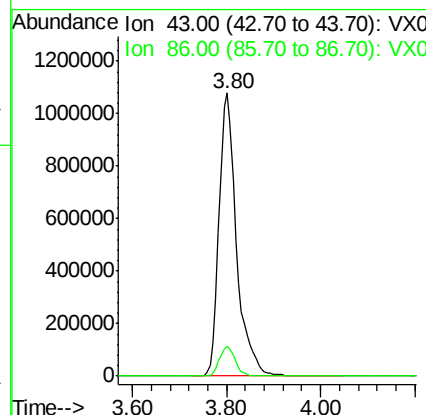
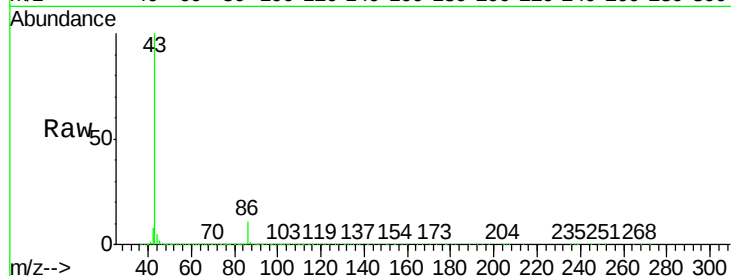
#23
 Vinyl Acetate
 Concen: 264.373 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2775156
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3

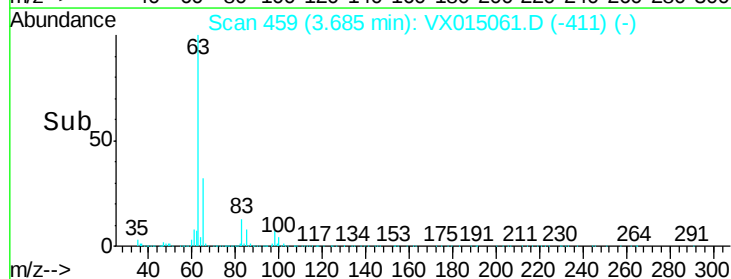
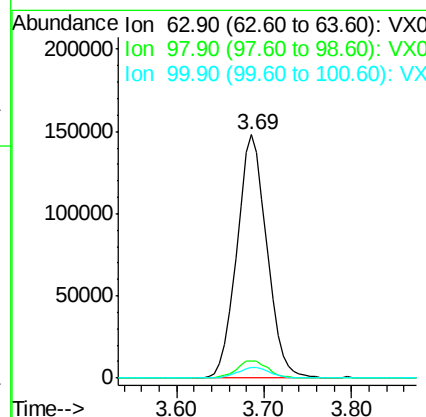
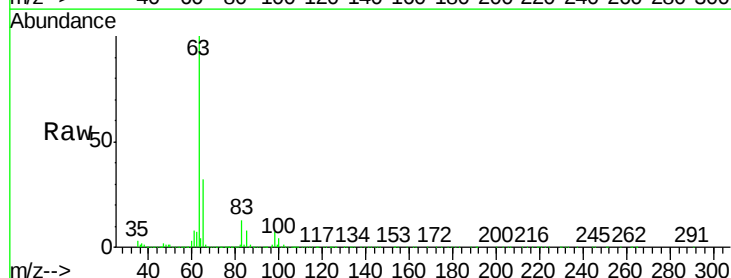
Manual Integrations
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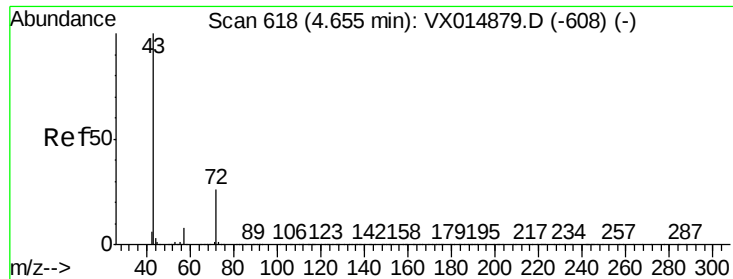
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 48.938 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion: 63 Resp: 351703
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 271.818 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tot Ion: 43 Resp: 856823

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.6

Instrument :

MSVOA_X

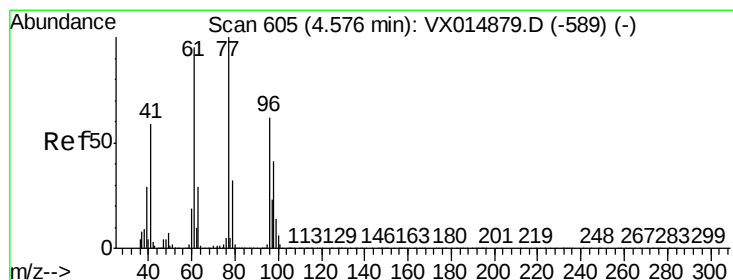
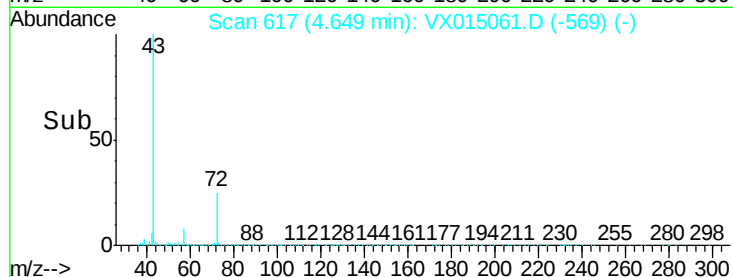
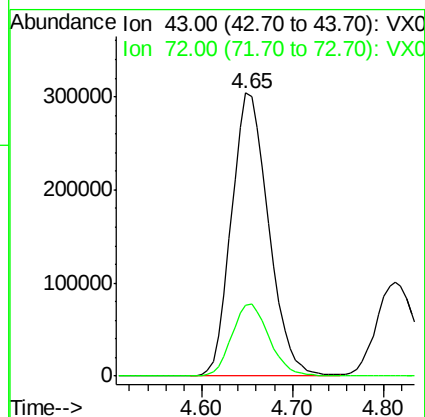
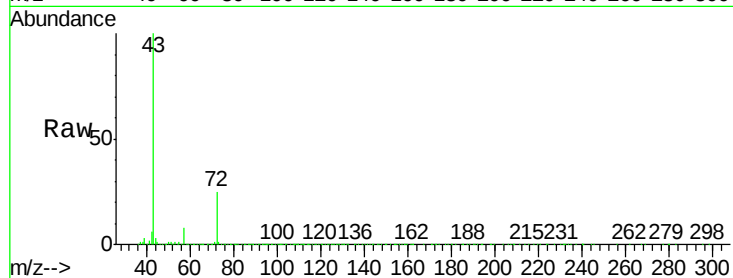
ClientSampleId :

VSTDCCC050

Manual Integrations
APPROVED

MMDadoda

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#26

2,2-Dichloropropane

Concen: 50.976 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015061.D

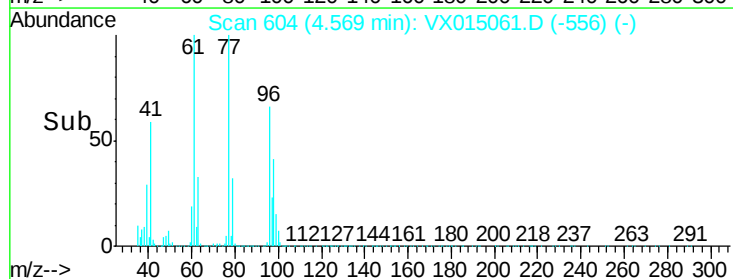
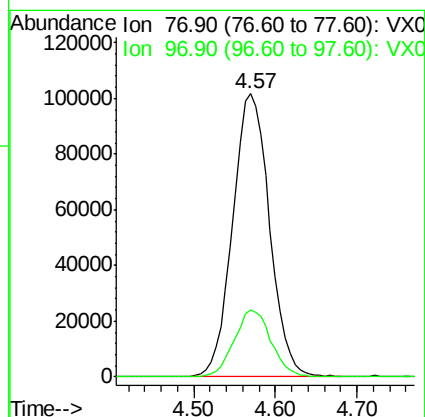
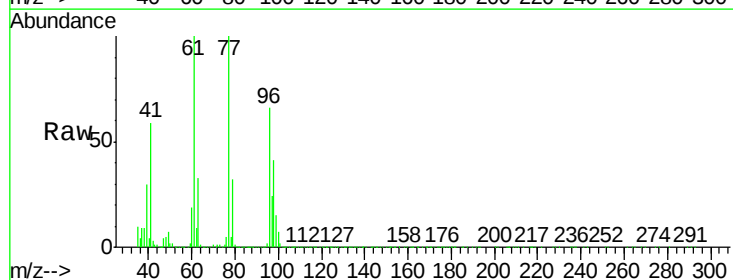
Acq: 02 Mar 2020 09:41

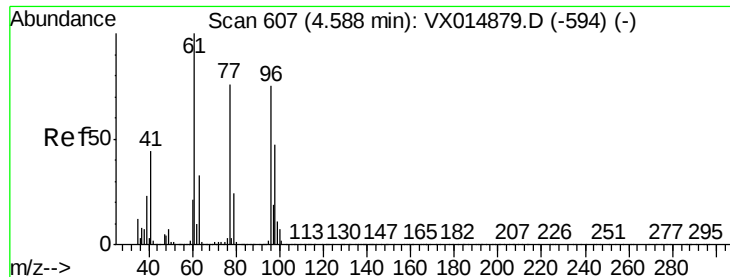
Tgt Ion: 77 Resp: 315715

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5





#27

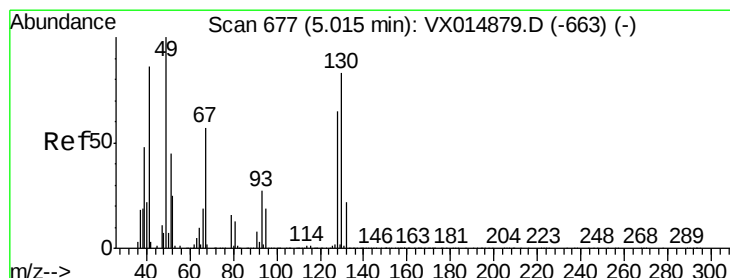
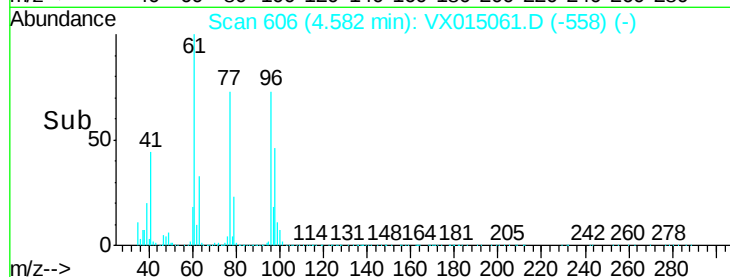
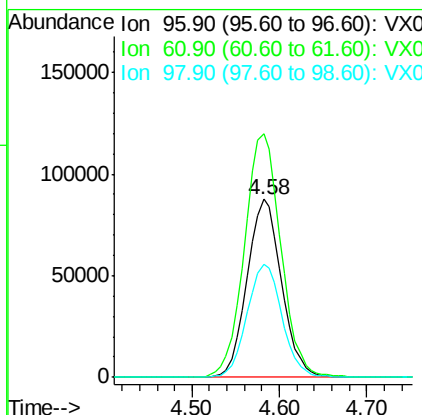
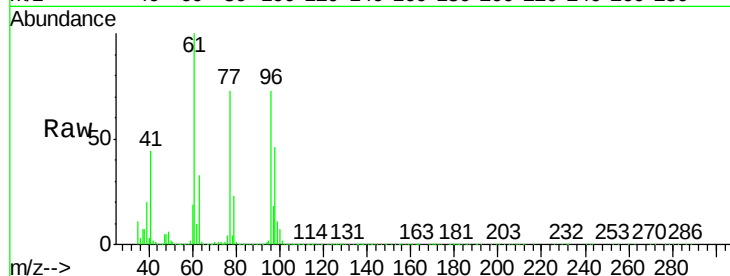
cis-1,2-Dichloroethene
Concen: 51.559 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	239145		
61	144.4	0.0	286.2	
98	65.0	0.0	131.0	

Manual Integrations
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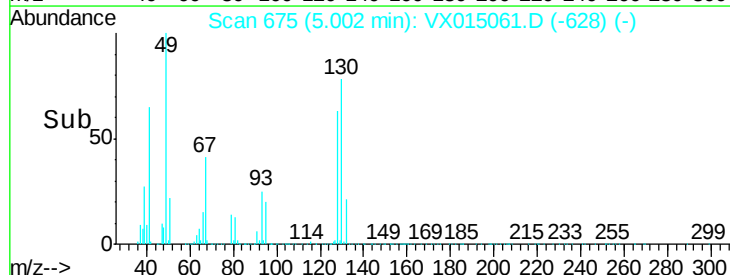
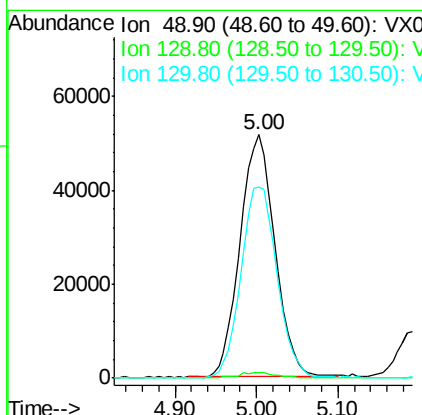
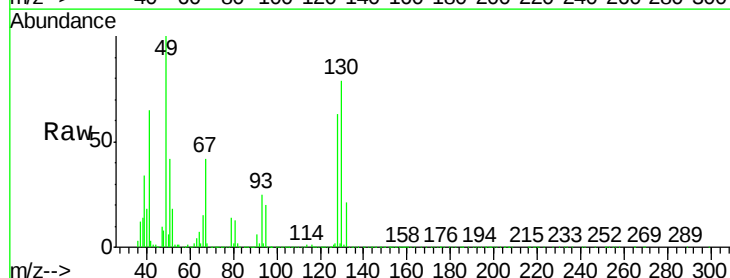
MMDadoda
3/3/2020 9:51:18 AM

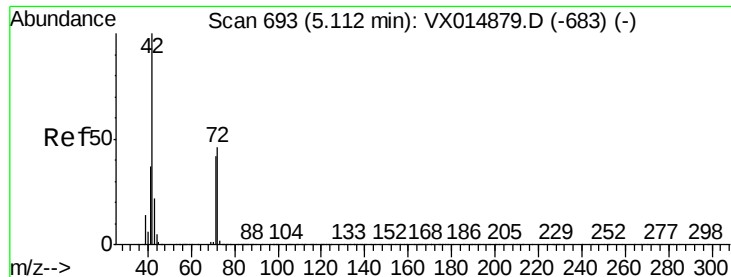


#28

Bromochloromethane
Concen: 55.230 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153850		
129	2.5	0.0	5.2	
130	81.8	67.4	101.2	





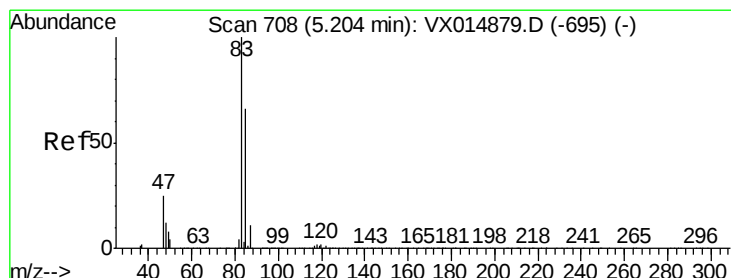
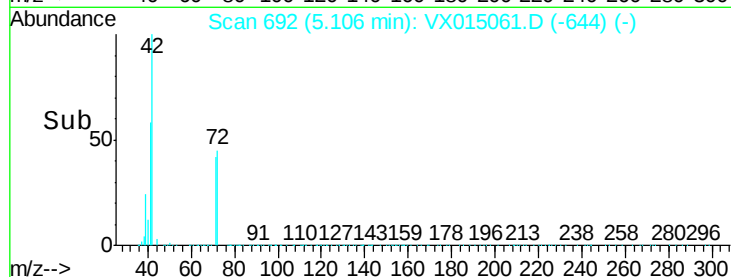
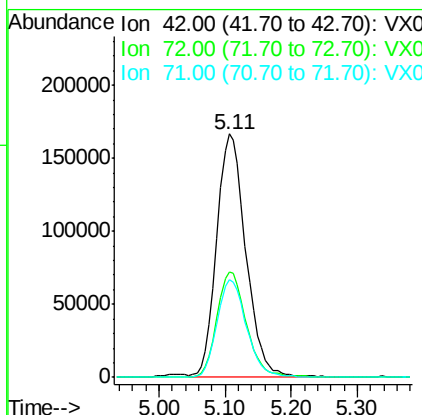
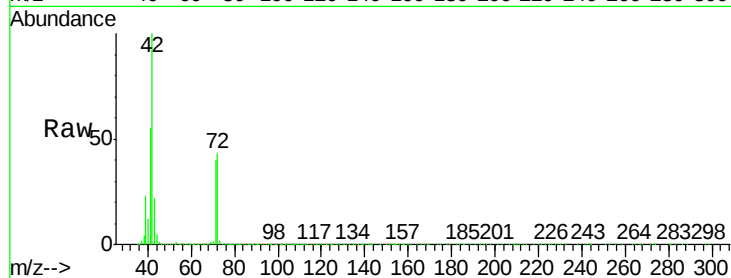
#29
Tetrahydrofuran
Concen: 282.542 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.9	55.3
71	40.8	34.1	51.1

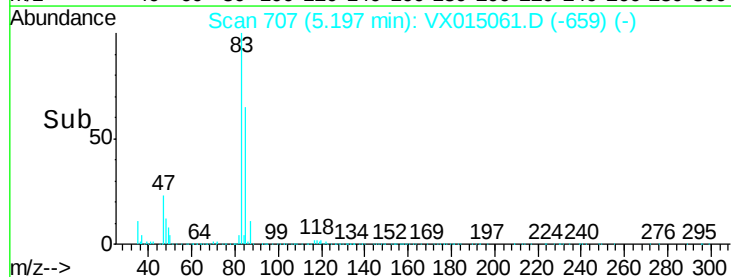
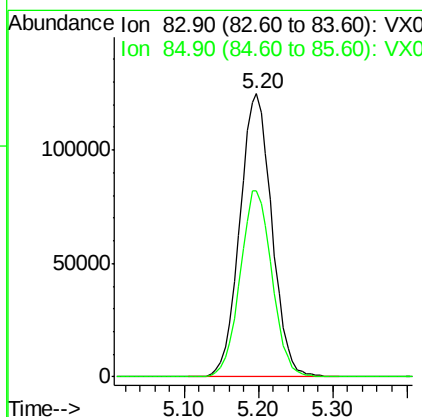
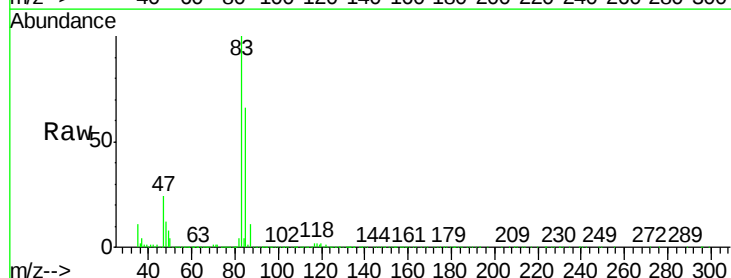
Manual Integrations
APPROVED

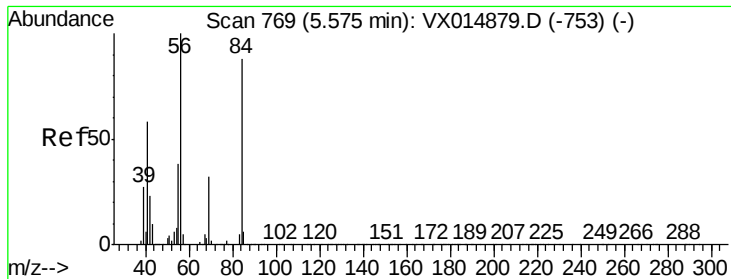
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3/3/2020 9:51:18 AM



#30
Chloroform
Concen: 52.541 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.9	79.3





#31

Cyclohexane

Concen: 51.275 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

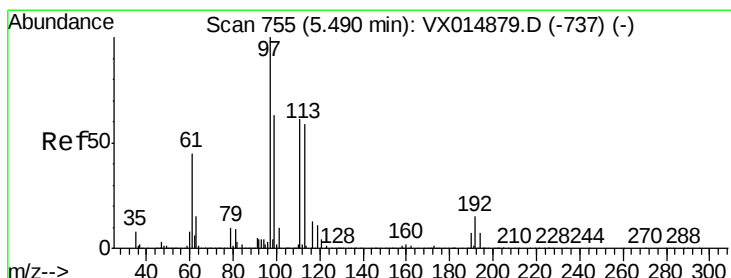
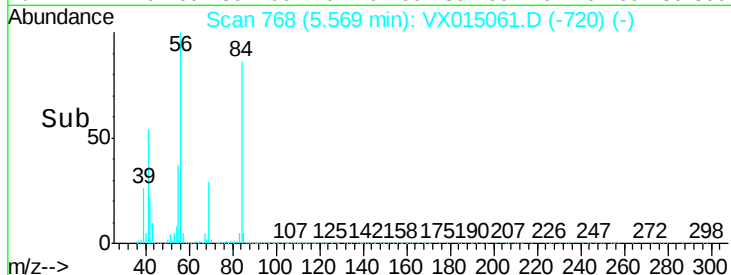
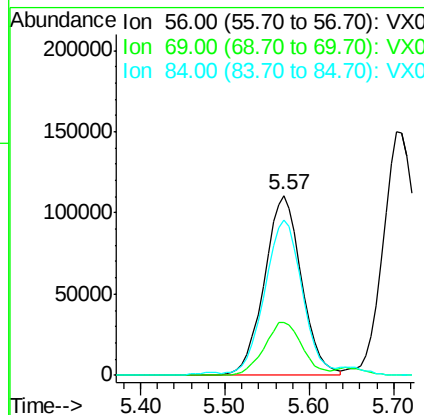
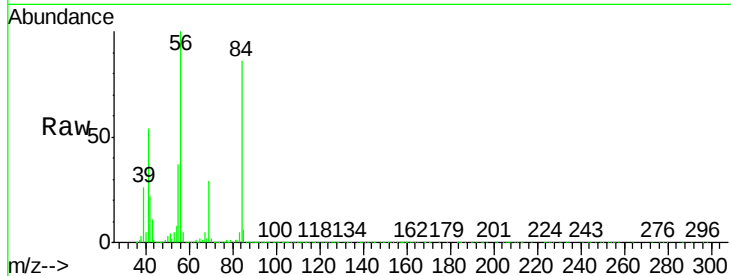
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	335628
Ion	Ratio	Lower	Upper
56	100		
69	29.2	25.9	38.9
84	85.3	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.098 ug/l

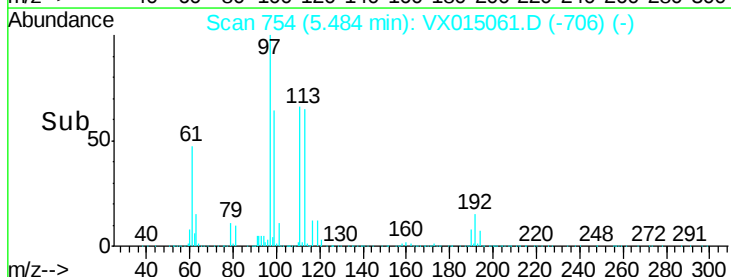
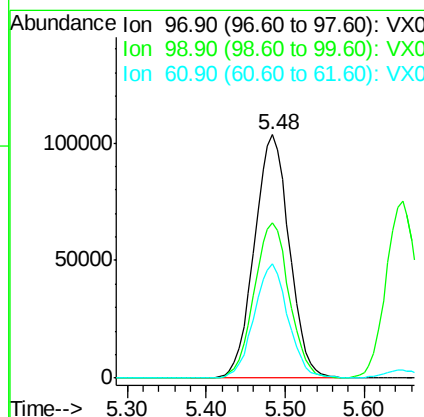
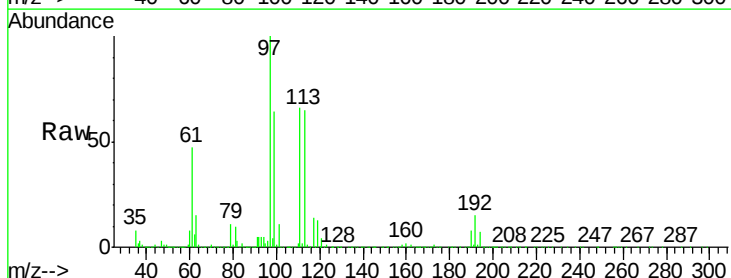
RT: 5.48 min Scan# 754

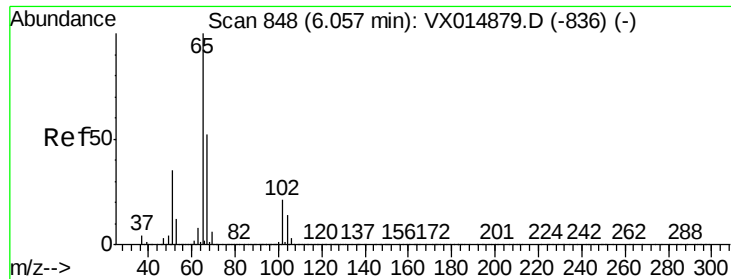
Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	97	Resp:	318707
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	45.3	36.3	54.5





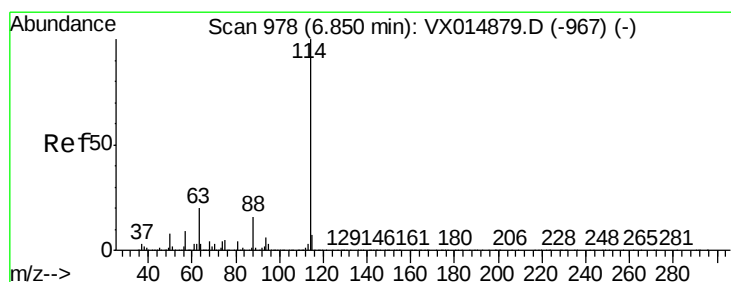
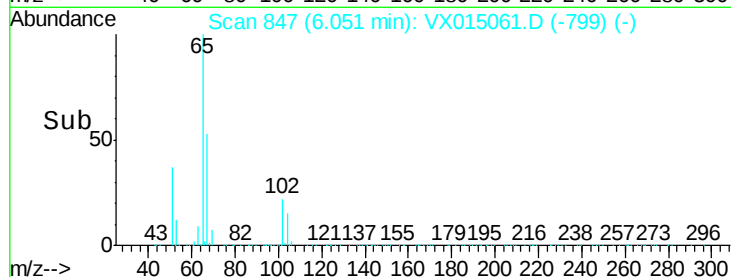
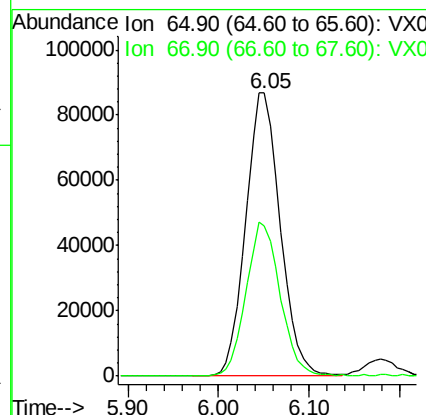
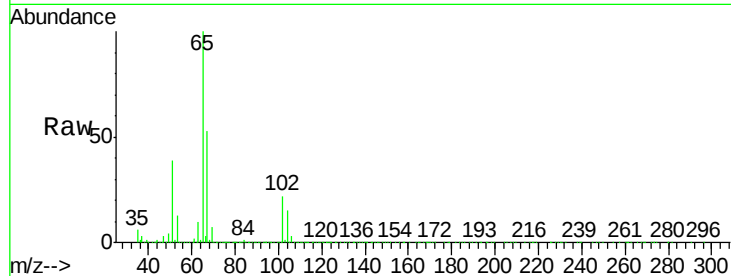
#33
 1,2-Dichloroethane-d4
 Concen: 49.315 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
65	100		
67	53.6	0.0	103.0

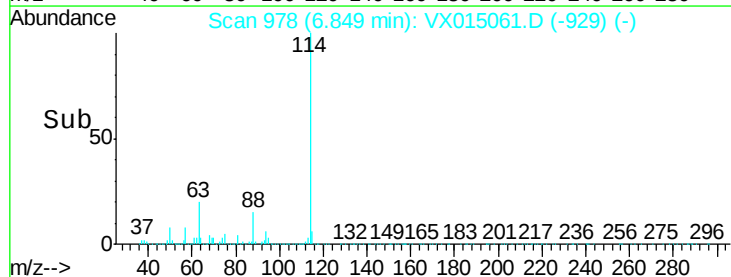
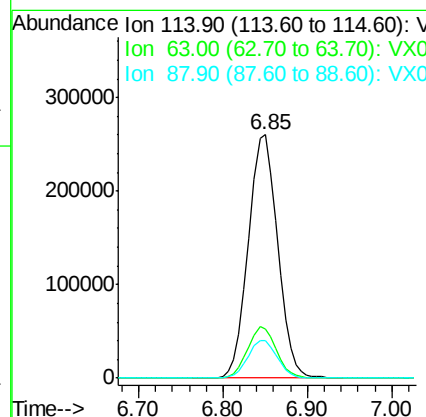
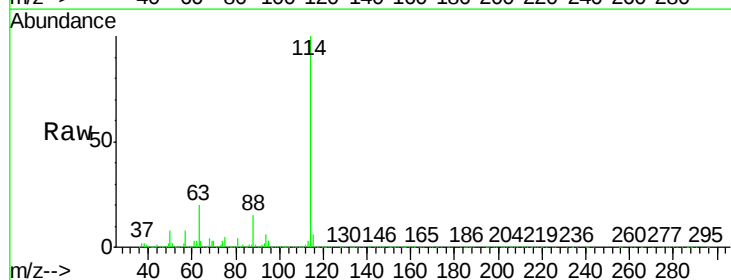
Manual Integrations
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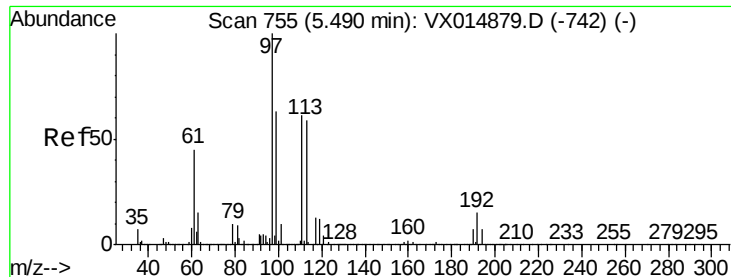
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 3/3/2020 9:51:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	20.3	0.0	39.2
88	15.4	0.0	32.0





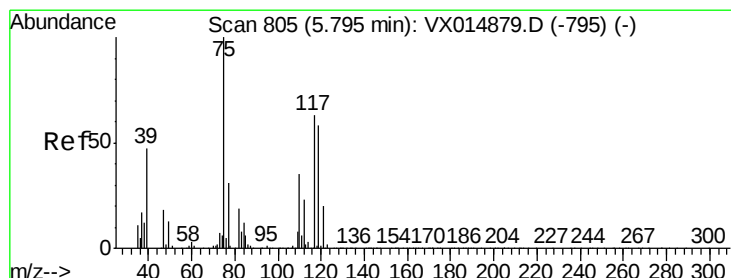
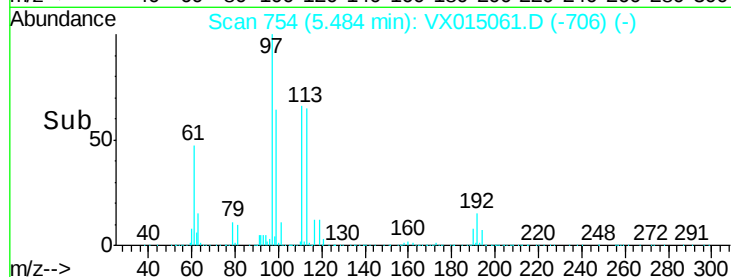
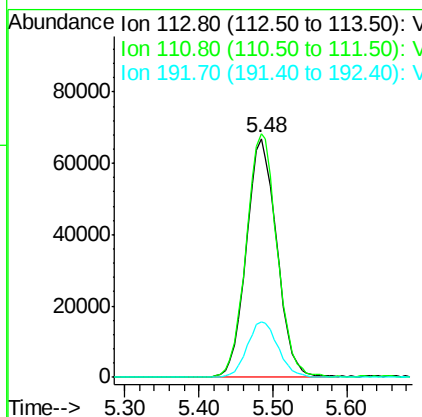
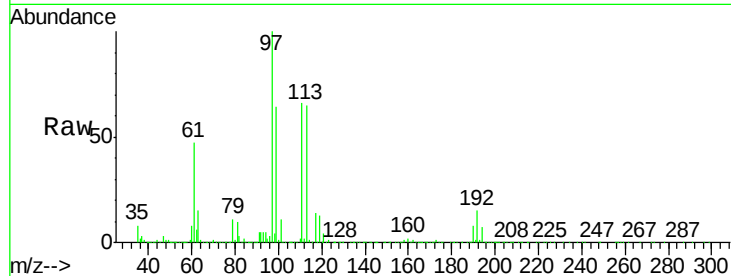
#35
 Dibromofluoromethane
 Concen: 50.815 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	191804		
111	103.1	82.4	123.6	
192	23.7	19.1	28.7	

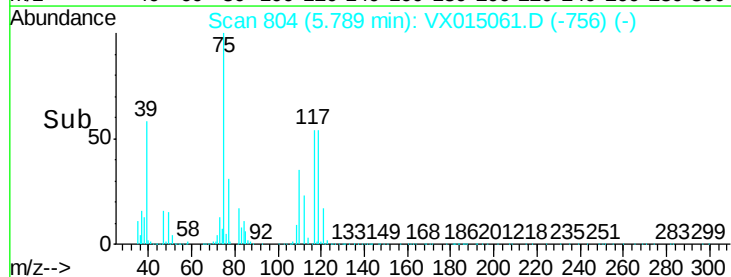
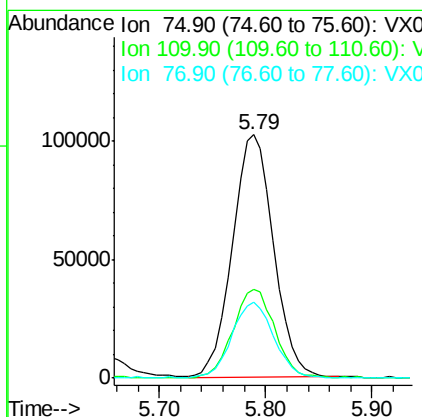
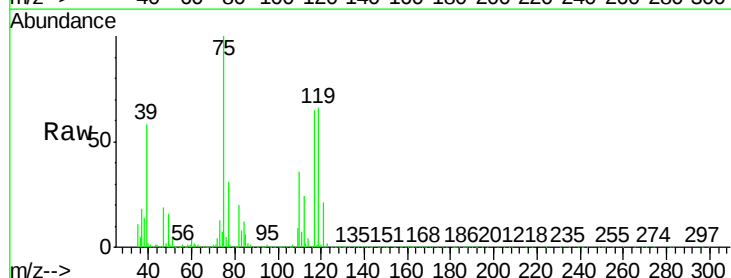
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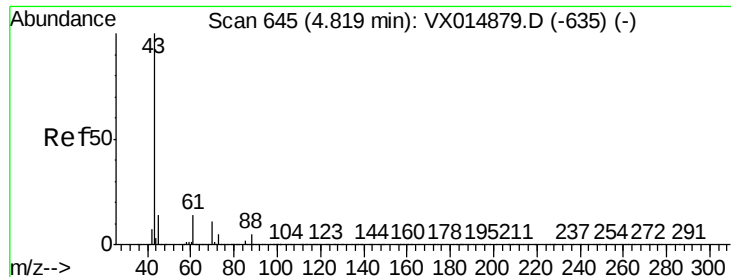
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#36
 1,1-Dichloropropene
 Concen: 50.436 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	277003		
110	37.3	18.3	54.8	
77	31.5	24.6	36.8	





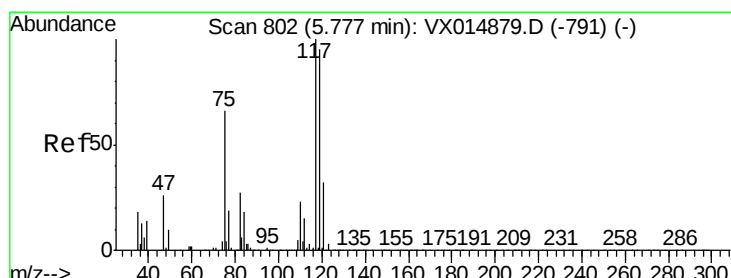
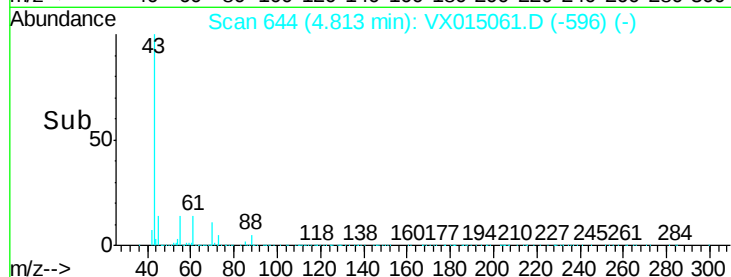
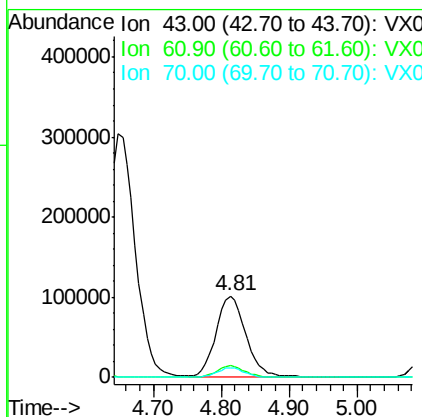
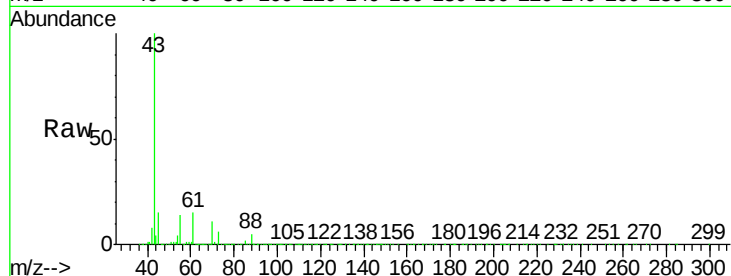
#37
Ethyl Acetate
Concen: 53.641 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	307267
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.9	16.3
70	10.7	8.7	13.1

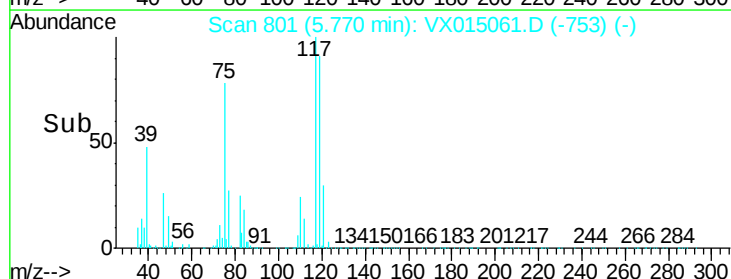
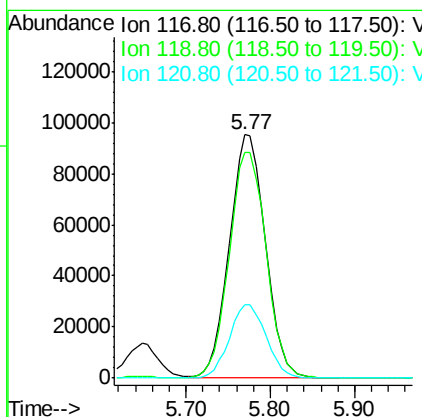
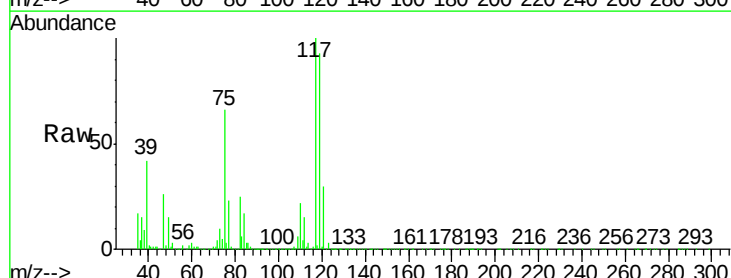
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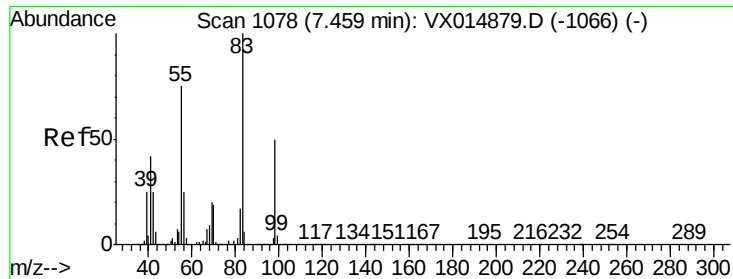
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#38
Carbon Tetrachloride
Concen: 51.430 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	117	Resp	275269
Ion Ratio	Lower	Upper	
117	100		
119	92.4	76.0	114.0
121	29.9	25.4	38.2





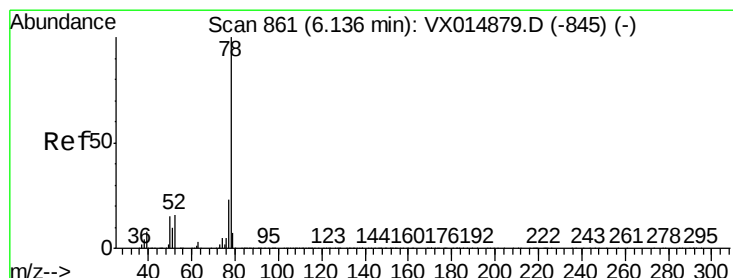
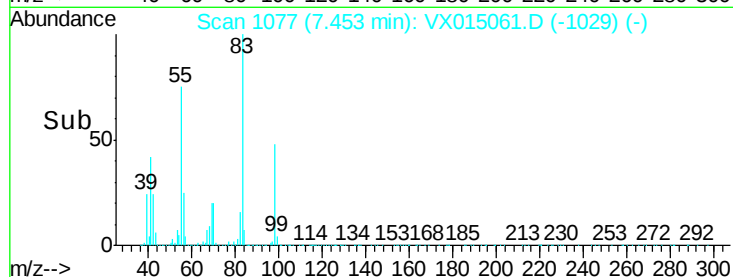
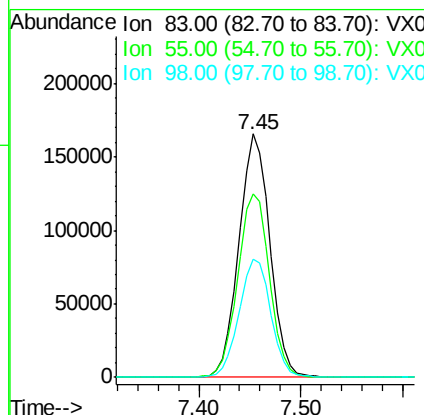
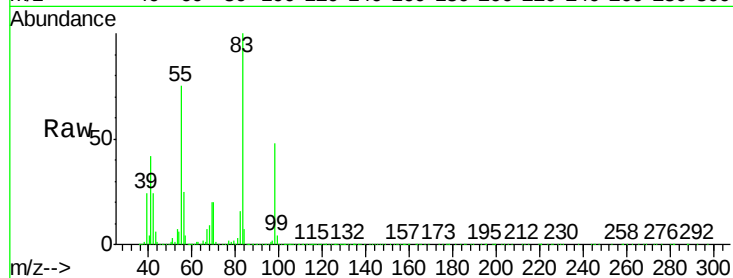
#39
Methvlcvclohexane
Concen: 50.777 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	348772
Ion Ratio	Lower	Upper	
83	100		
55	75.3	60.0	90.0
98	48.4	39.6	59.4

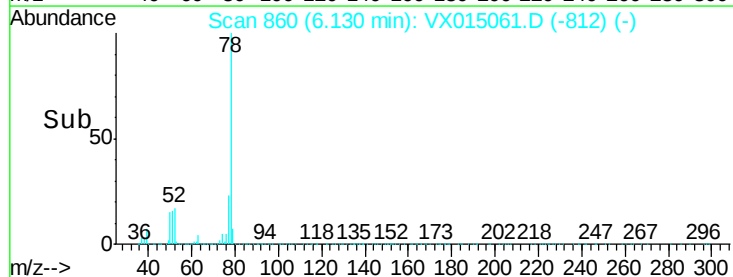
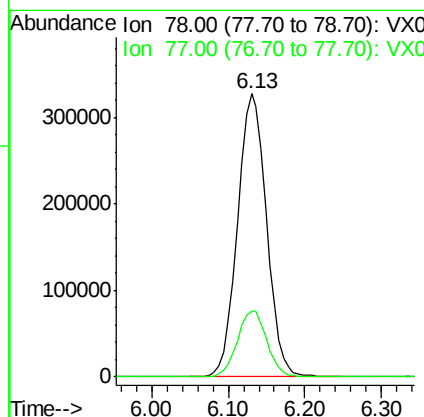
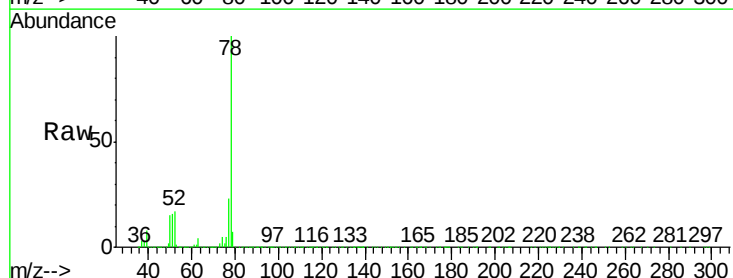
Manual Integrations
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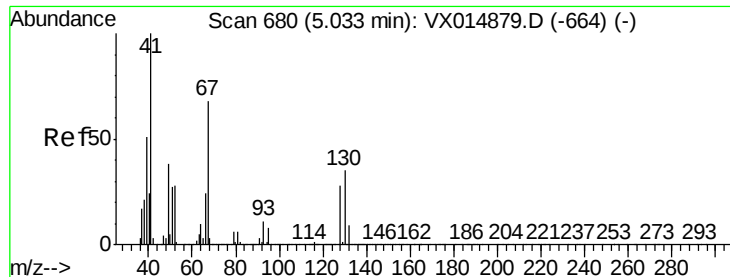
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#40
Benzene
Concen: 52.361 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	78	Resp	859215
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.8	28.2





#41

Methacrylonitrile

Concen: 56.340 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

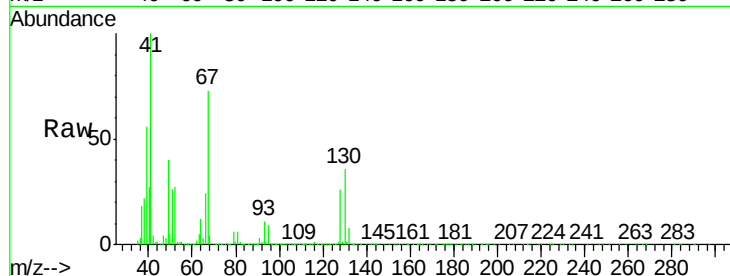
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.7	67.1	
67	72.1	56.6	84.8	
52	27.4	22.3	33.5	

Manual Integrations
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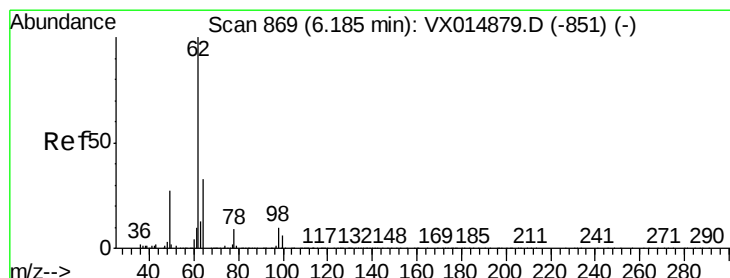
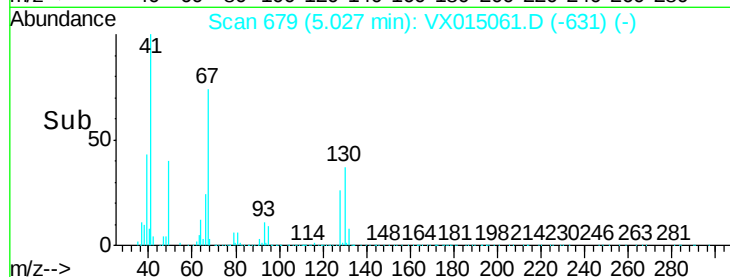
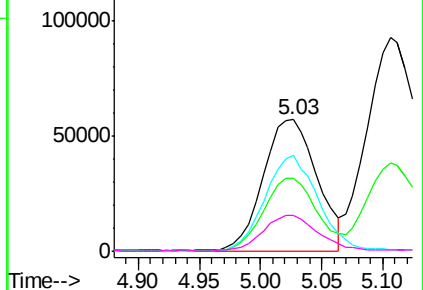


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.618 ug/l

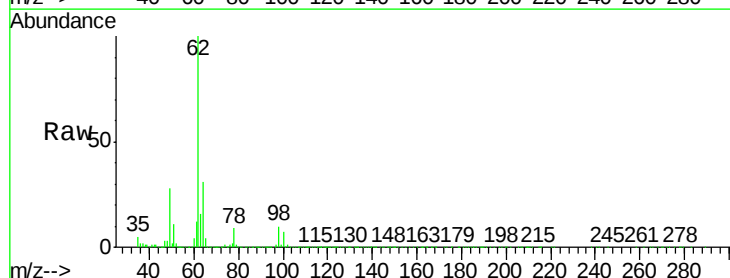
RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015061.D

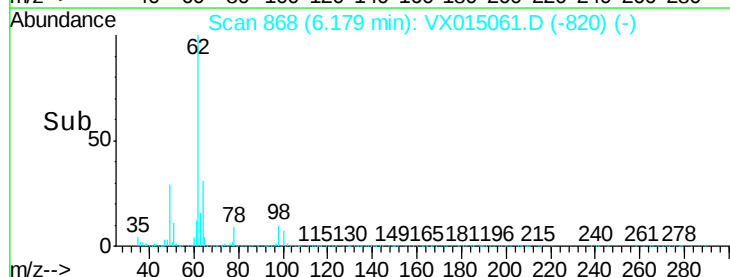
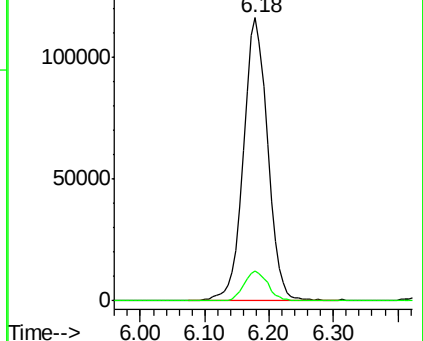
Acq: 02 Mar 2020 09:41

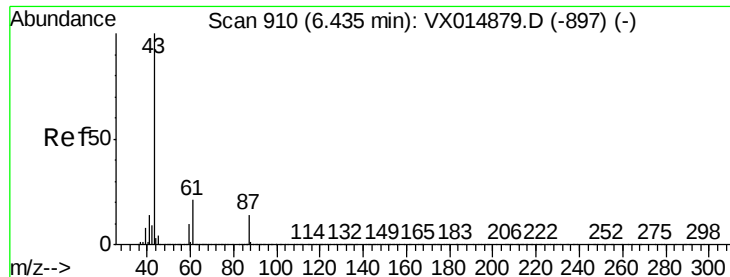
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





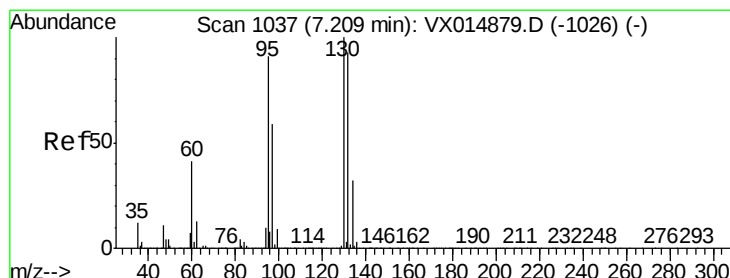
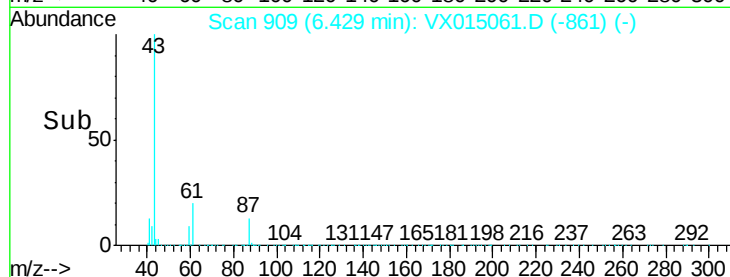
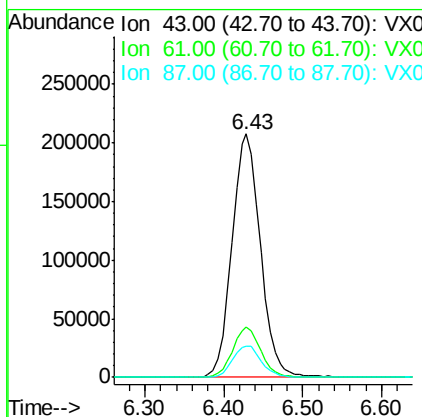
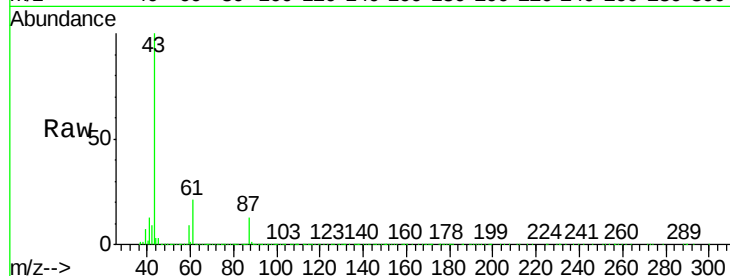
#43
Isopropyl Acetate
Concen: 54.675 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	516649
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.0	11.0	16.6

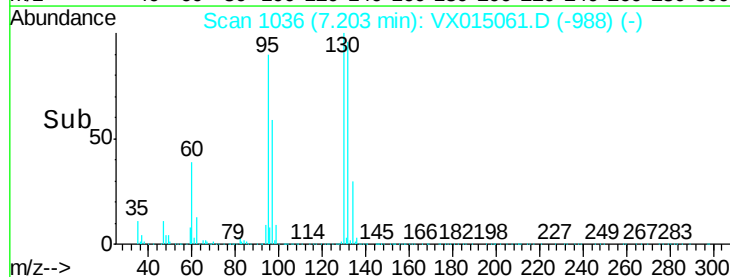
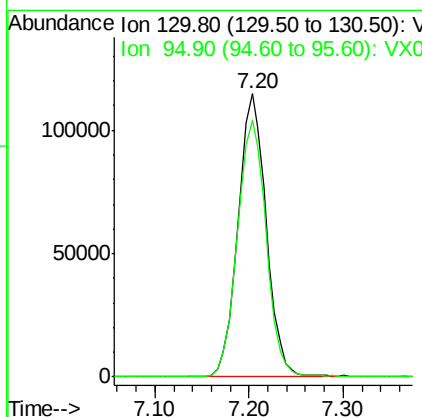
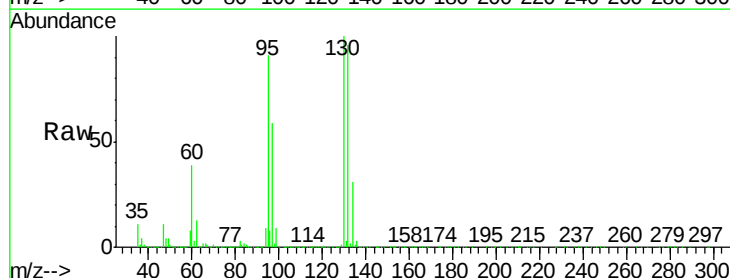
Manual Integrations
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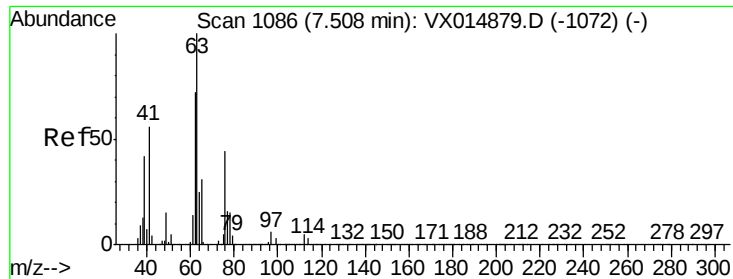
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#44
Trichloroethene
Concen: 50.370 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion:	130	Resp:	239945
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	182.6





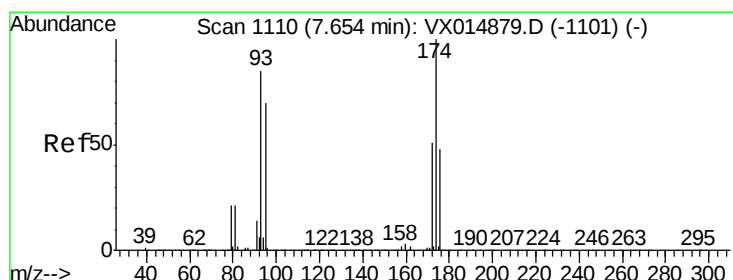
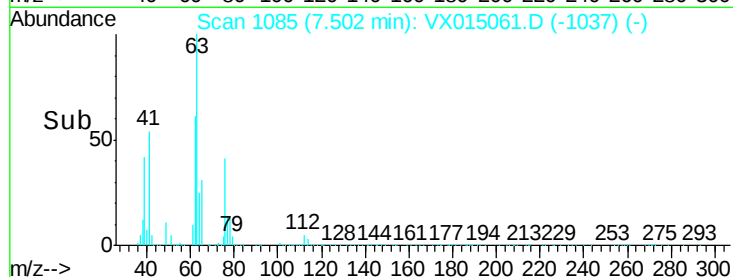
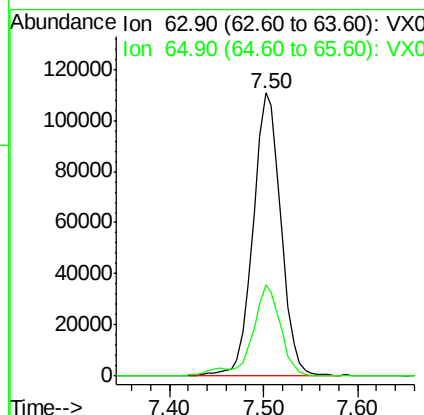
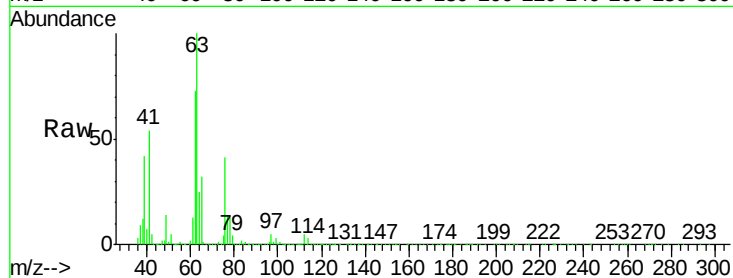
#45
 1,2-Dichloropropane
 Concen: 54.624 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.9	37.3

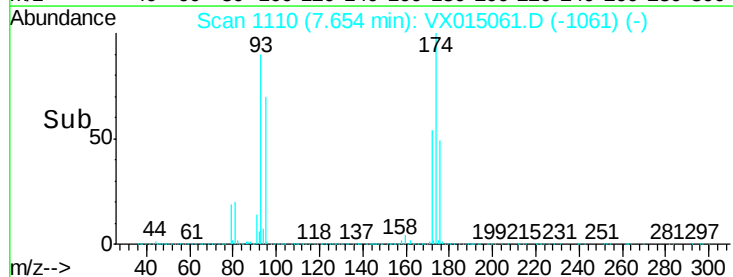
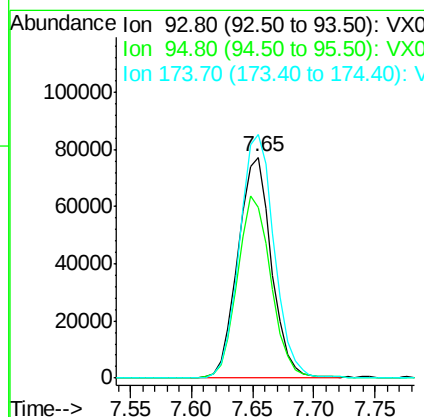
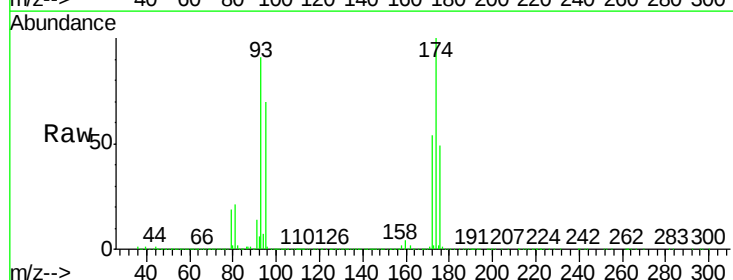
Manual Integrations
 APPROVED

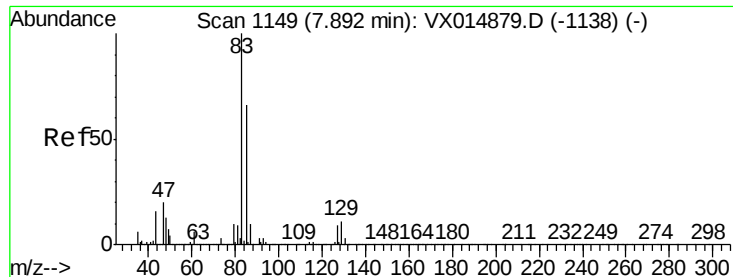
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#46
 Dibromomethane
 Concen: 51.583 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	114.0	95.4	143.2





#47

Bromodichloromethane

Concen: 52.766 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

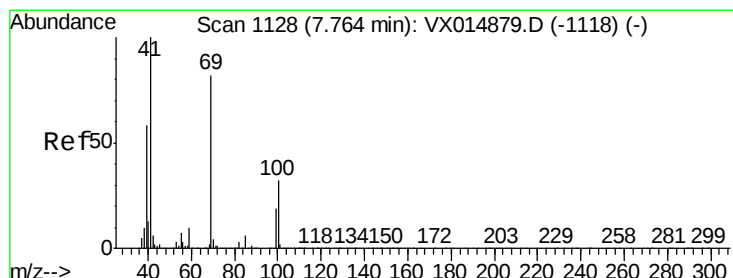
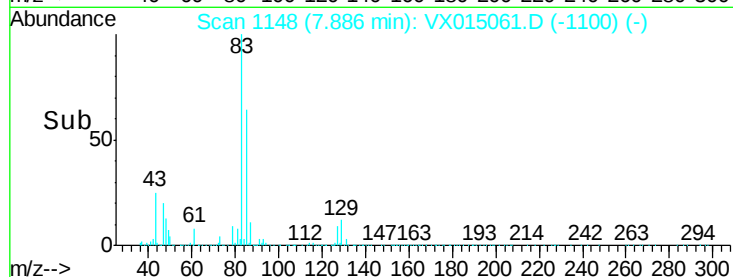
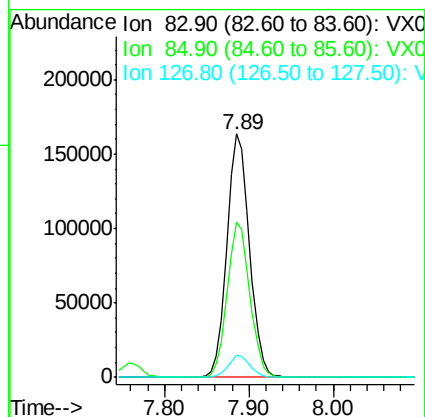
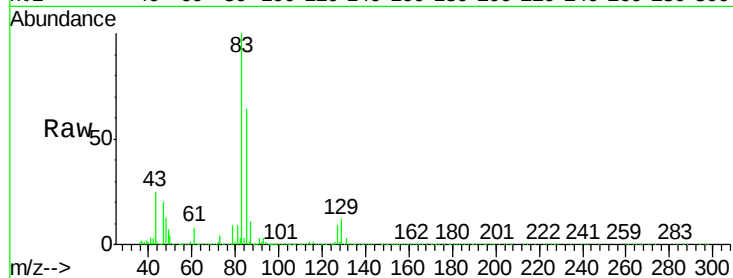
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	299290
Ion Ratio		Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.102 ug/l

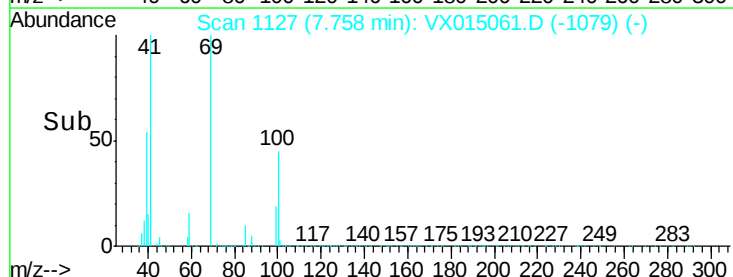
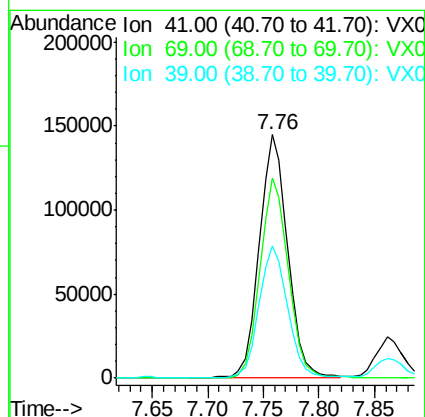
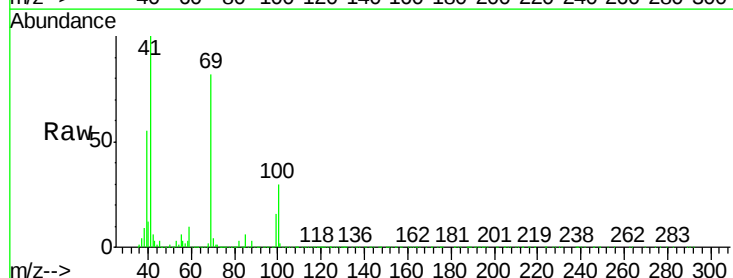
RT: 7.76 min Scan# 1127

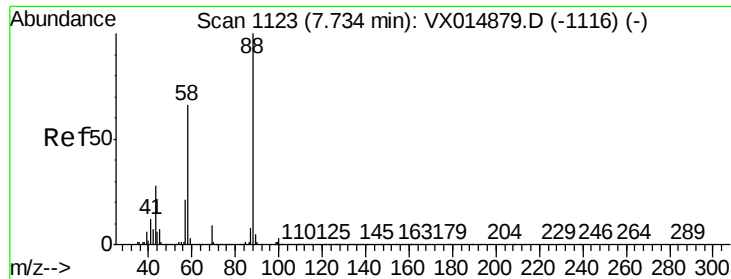
Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	41	Resp:	256245
Ion Ratio		Lower	Upper
41	100		
69	82.0	65.7	98.5
39	54.4	45.8	68.8





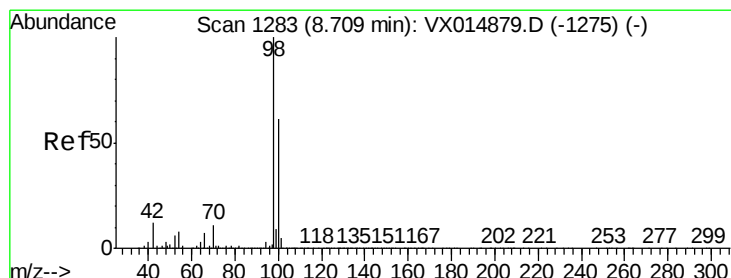
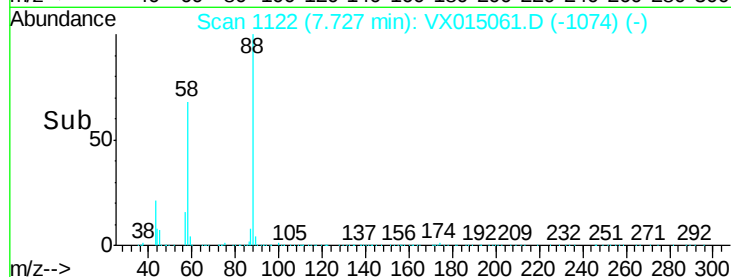
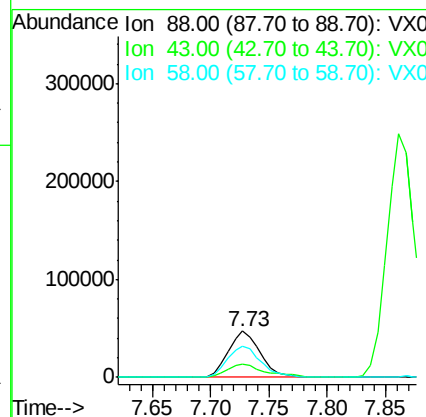
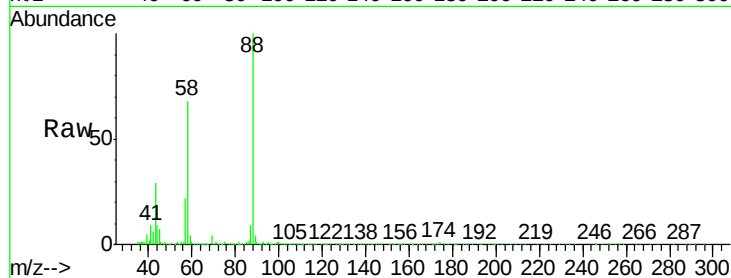
#49
1,4-Dioxane
Concen: 1023.499 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.0	40.4
58	71.0	53.2	79.8

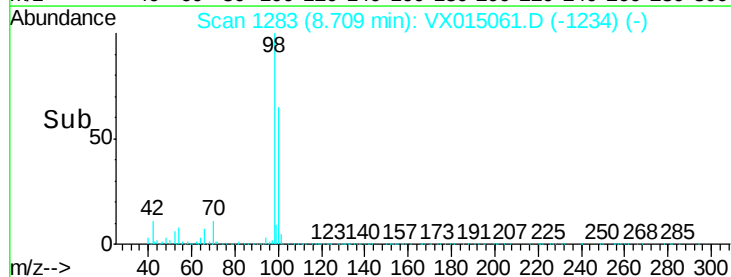
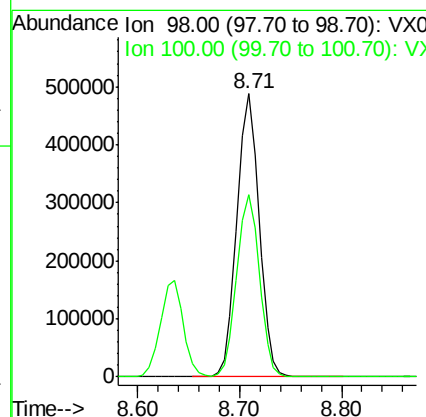
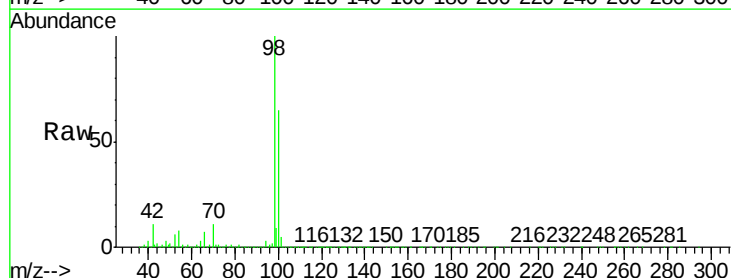
Manual Integrations
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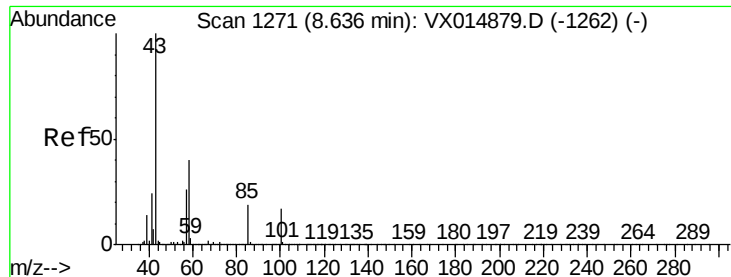
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#50
Toluene-d8
Concen: 50.917 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 279.040 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1592146

Ion Ratio Lower Upper

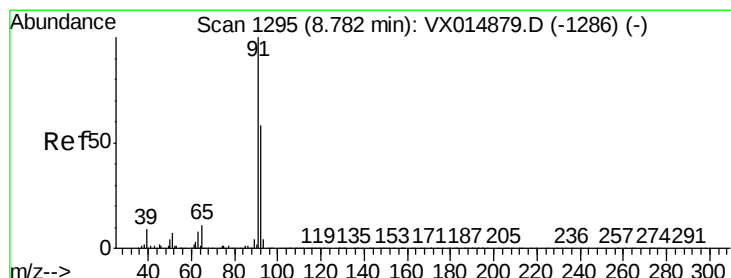
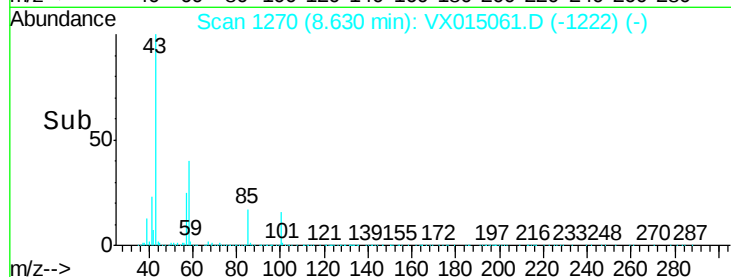
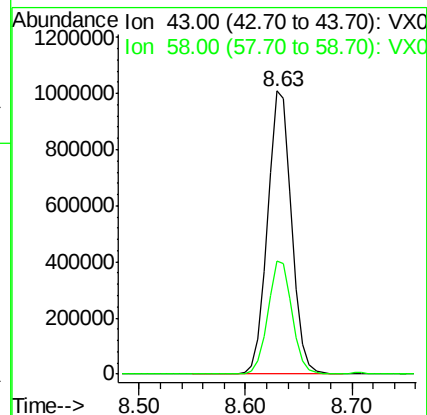
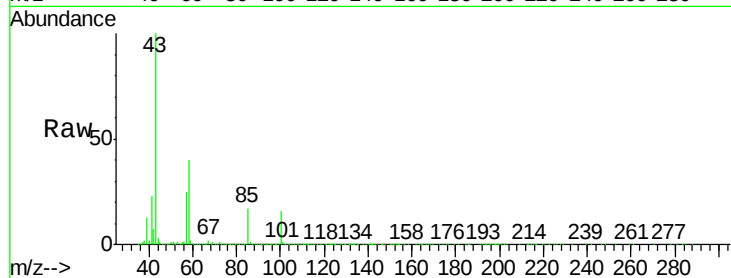
43 100

58 40.1 31.9 47.9

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#52

Toluene

Concen: 52.359 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015061.D

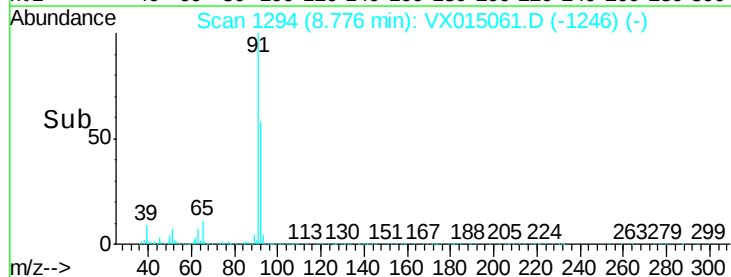
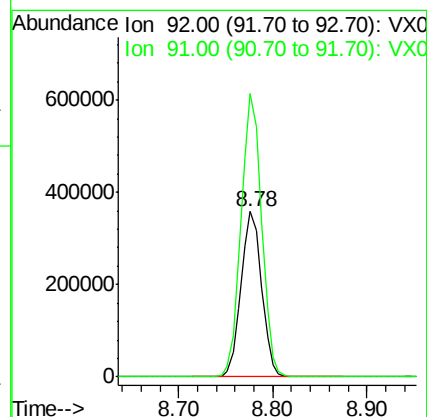
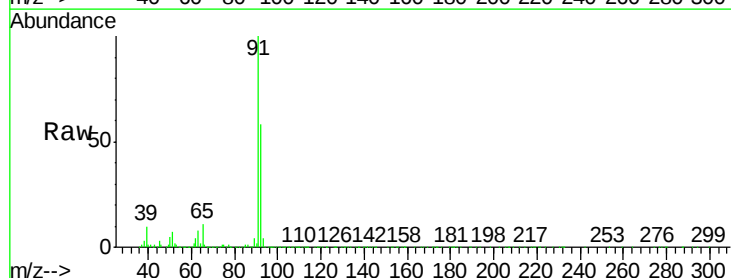
Acq: 02 Mar 2020 09:41

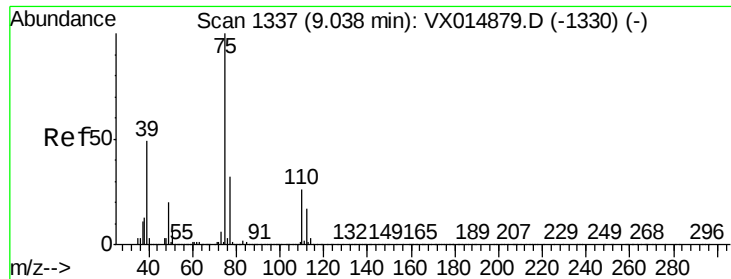
Tgt Ion: 92 Resp: 545703

Ion Ratio Lower Upper

92 100

91 170.5 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 54.293 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 337496

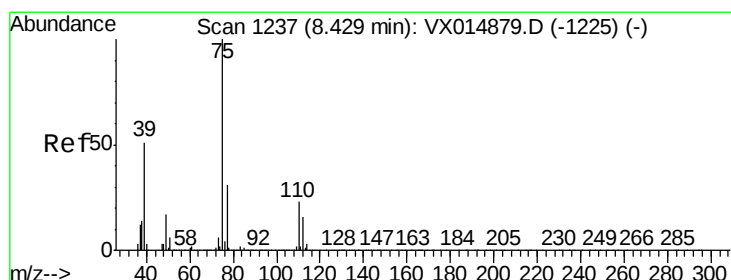
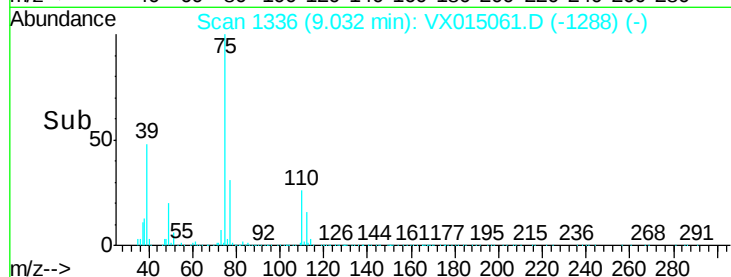
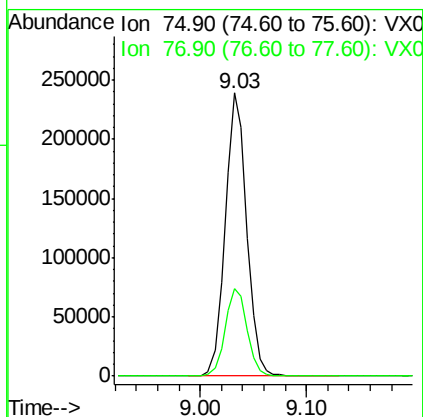
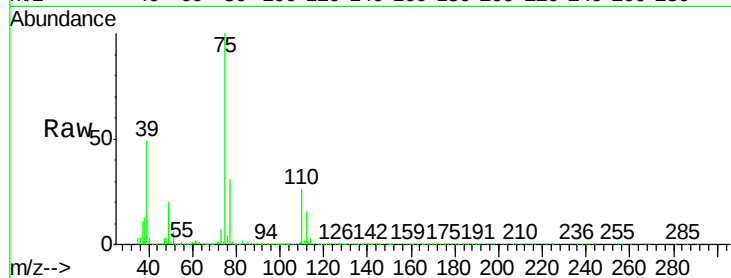
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 53.758 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

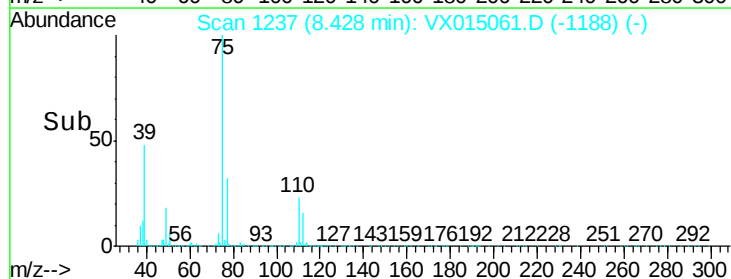
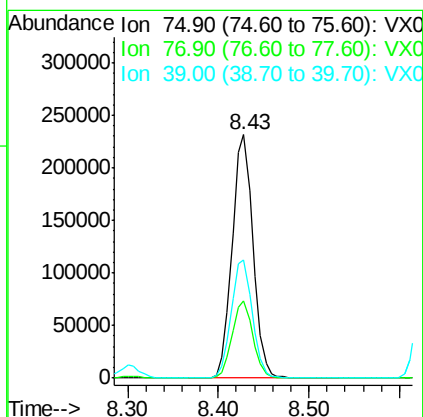
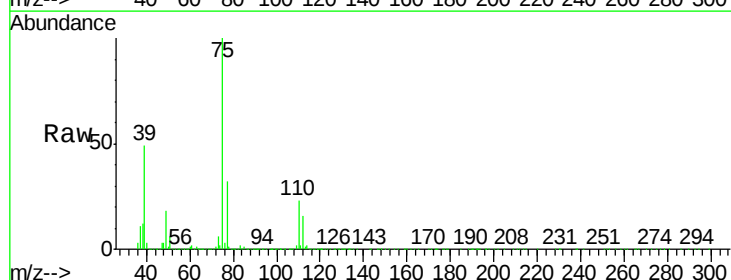
Tgt Ion: 75 Resp: 369165

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 48.4 40.9 61.3





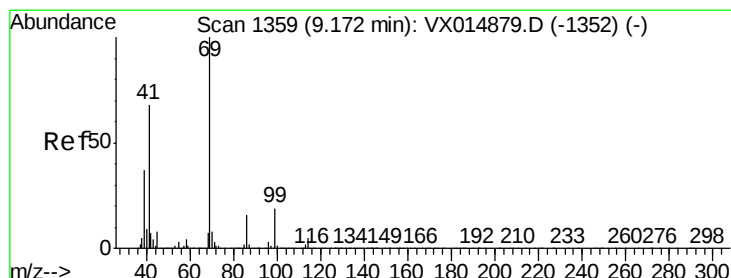
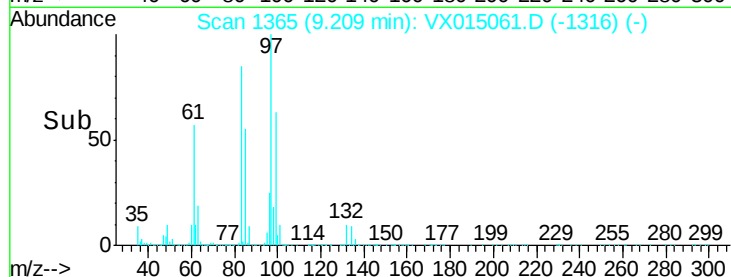
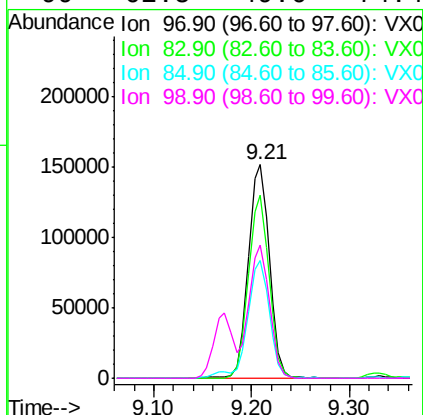
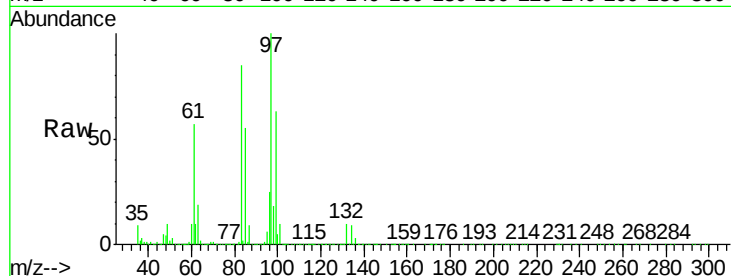
#55
 1,1,2-Trichloroethane
 Concen: 53.622 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.6	99.8
85	55.1	43.5	65.3
99	62.5	49.6	74.4

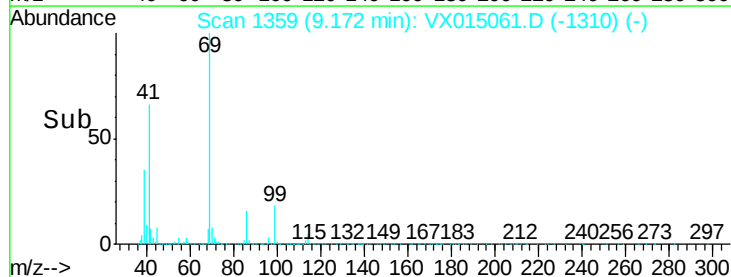
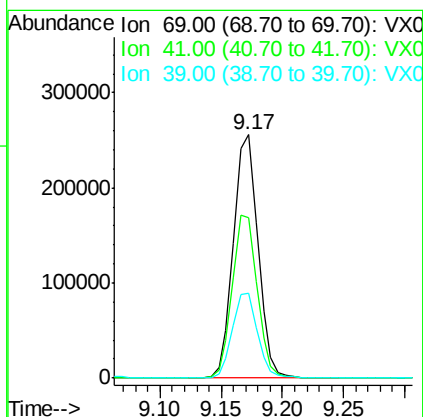
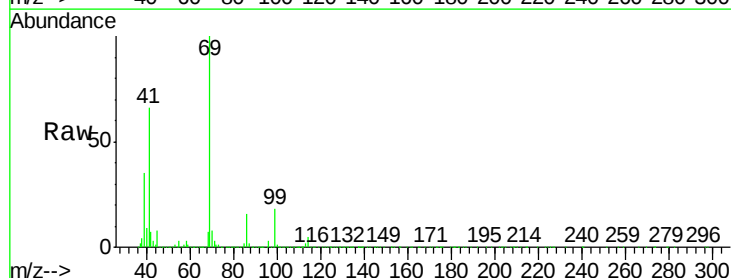
Manual Integrations
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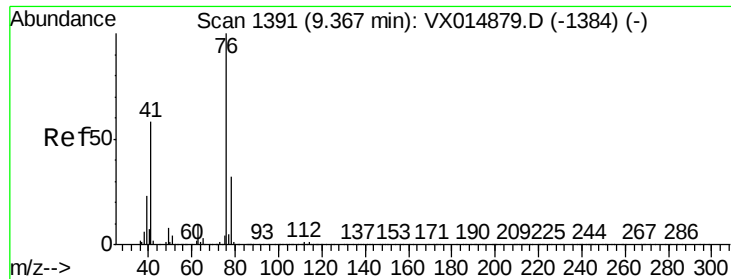
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 3/3/2020 9:51:18 AM



#56
 Ethyl methacrylate
 Concen: 56.007 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.8	82.2
39	35.3	29.9	44.9





#57

1,3-Dichloropropane

Concen: 53.252 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 377986

Ion Ratio Lower Upper

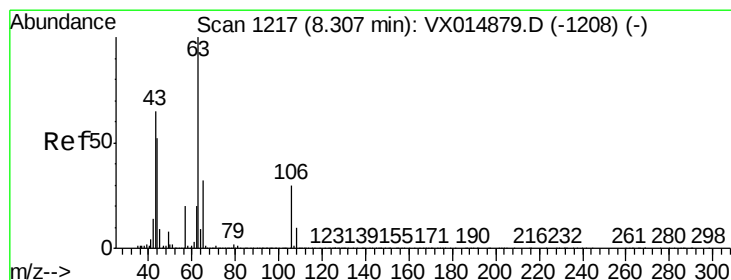
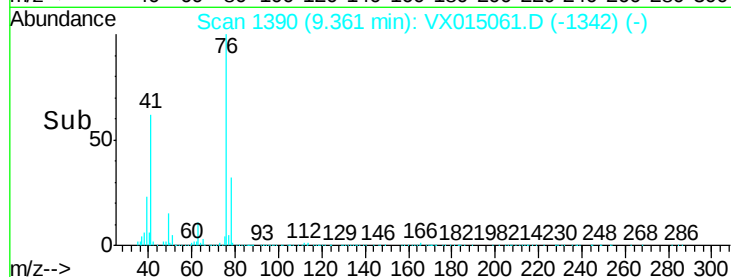
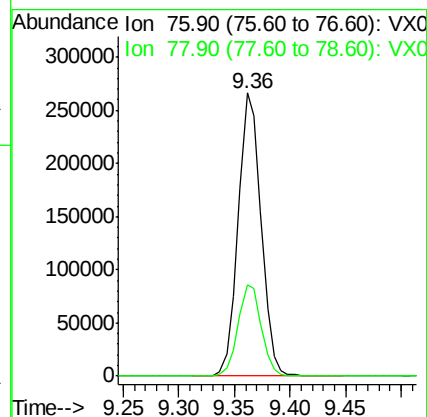
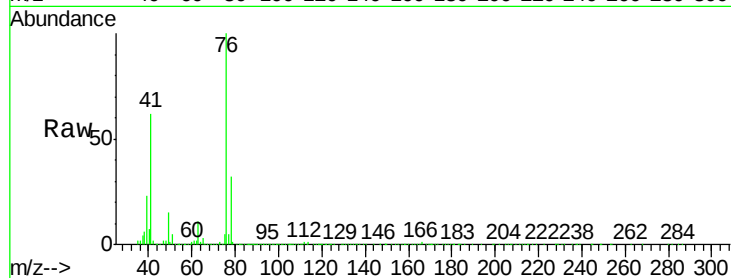
76 100

78 32.8 25.8 38.8

Manual Integrations
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3/3/2020 9:51:18 AM



#58

2-Chloroethyl Vinyl ether

Concen: 284.669 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015061.D

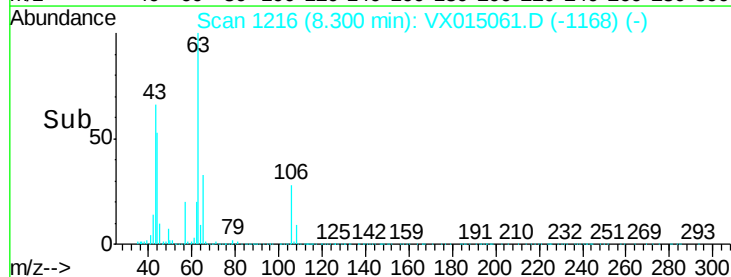
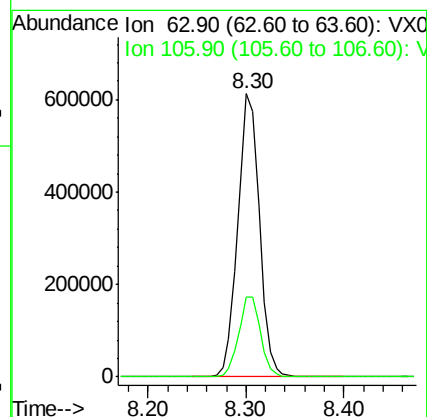
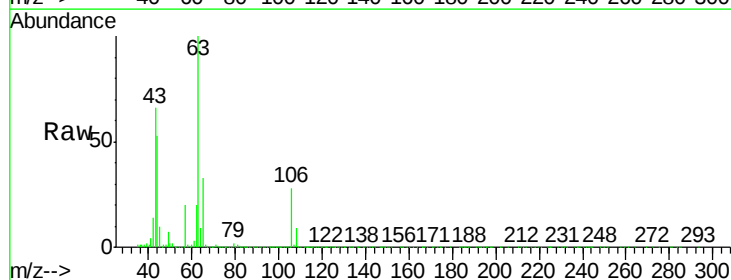
Acq: 02 Mar 2020 09:41

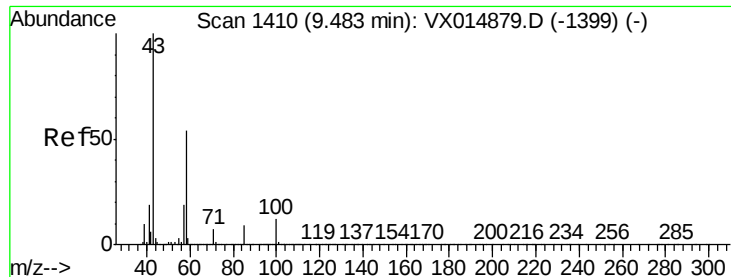
Tgt Ion: 63 Resp: 943591

Ion Ratio Lower Upper

63 100

106 28.6 23.8 35.8





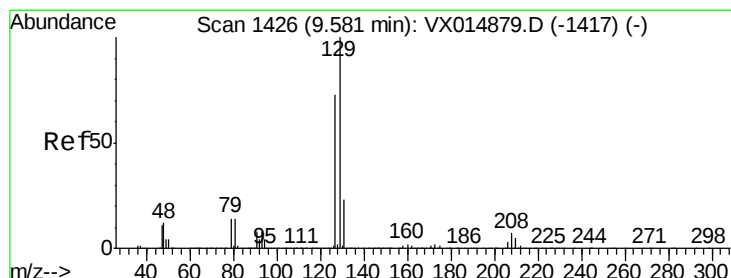
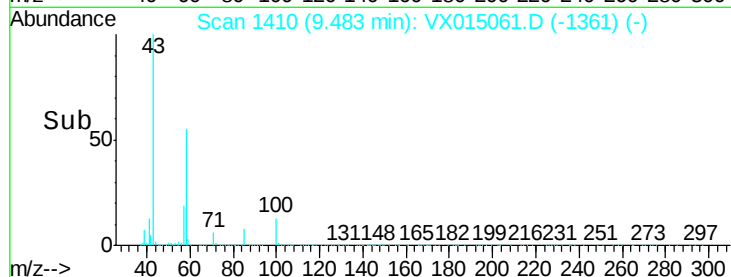
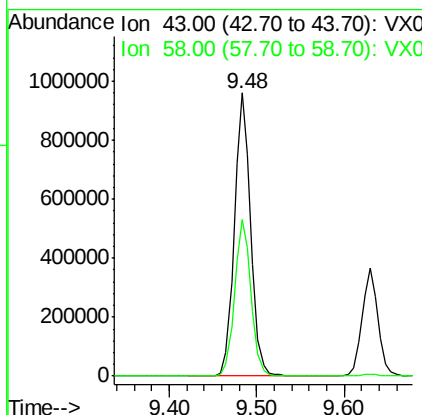
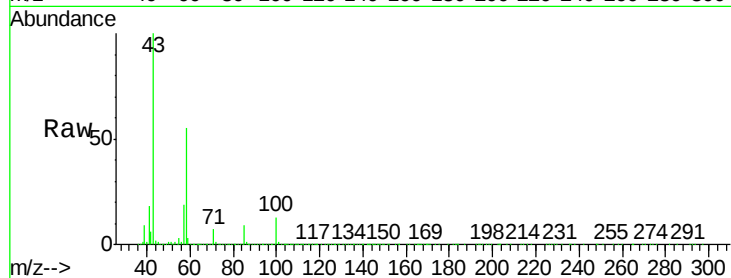
#59
2-Hexanone
Concen: 278.893 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1250786
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5

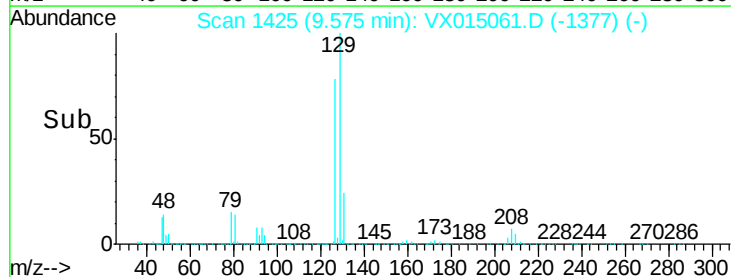
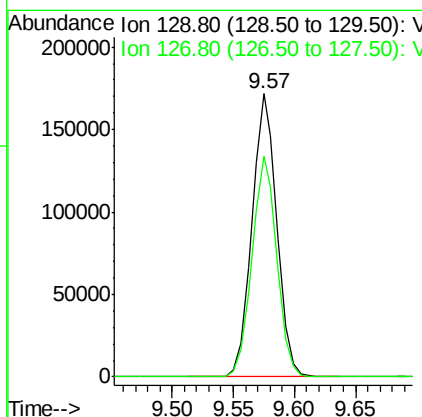
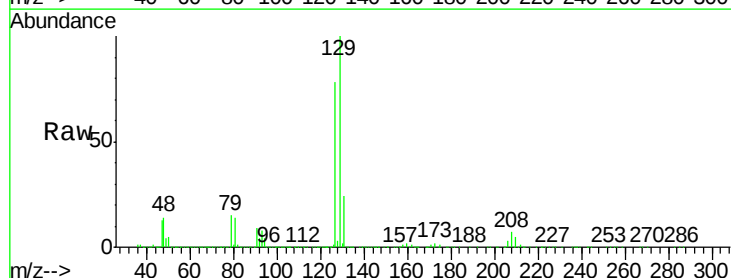
Manual Integrations
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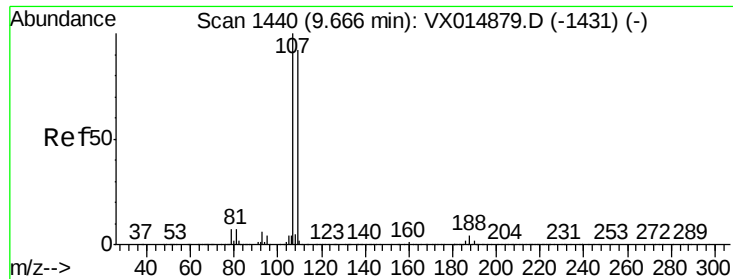
MMDadoda
3/3/2020 9:51:18 AM



#60
Dibromochloromethane
Concen: 53.691 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 129 Resp: 243643
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.3





#61

1,2-Dibromoethane

Concen: 51.611 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 234814

Ion Ratio Lower Upper

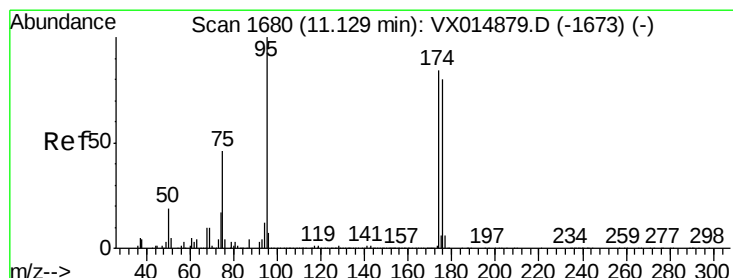
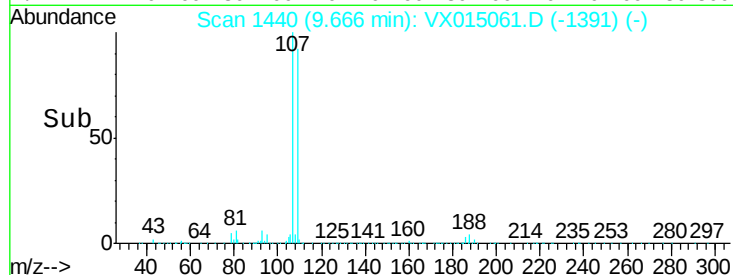
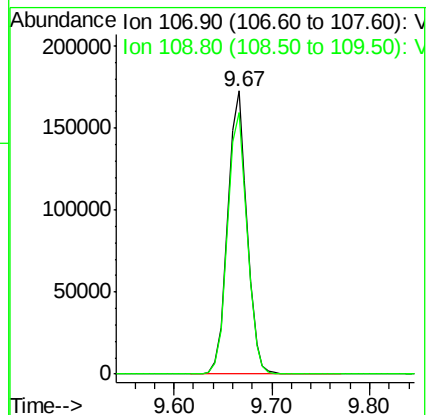
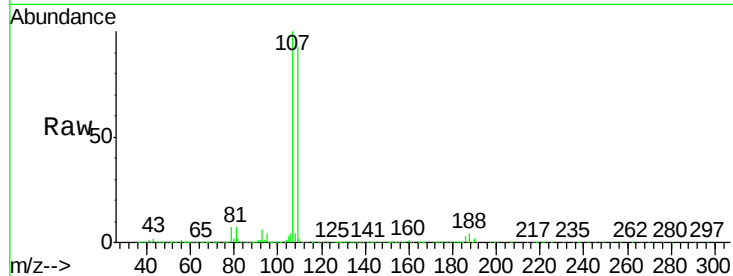
107 100

109 94.8 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 51.880 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

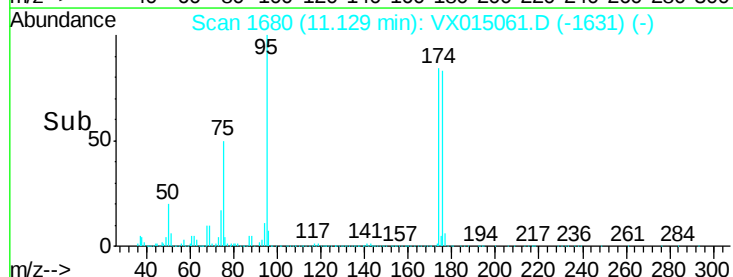
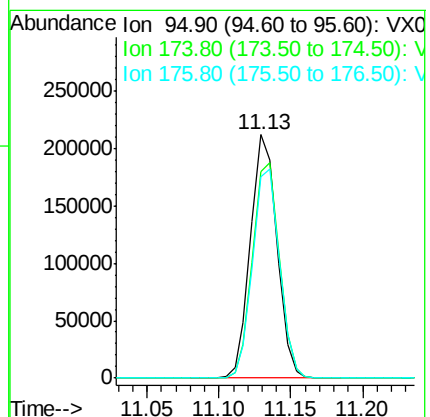
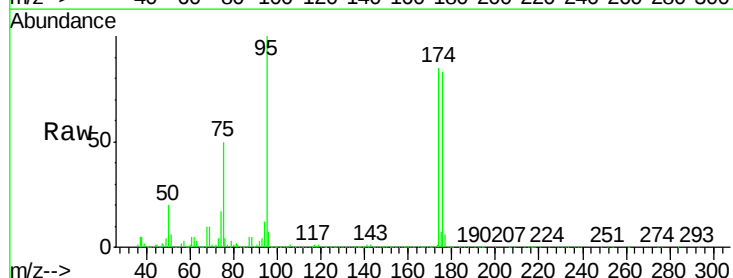
Tgt Ion: 95 Resp: 269262

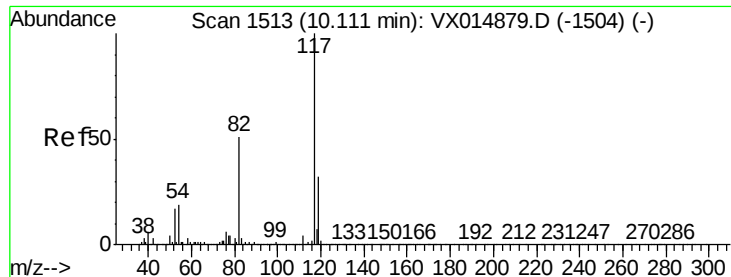
Ion Ratio Lower Upper

95 100

174 89.7 0.0 183.0

176 87.7 0.0 178.0





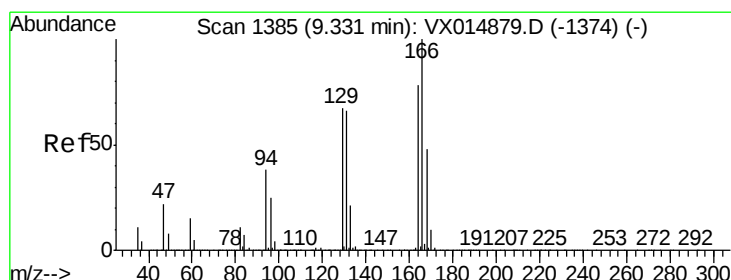
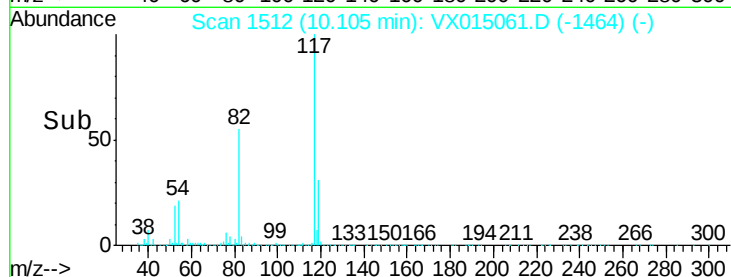
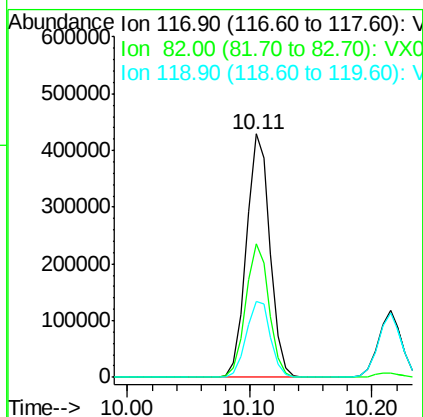
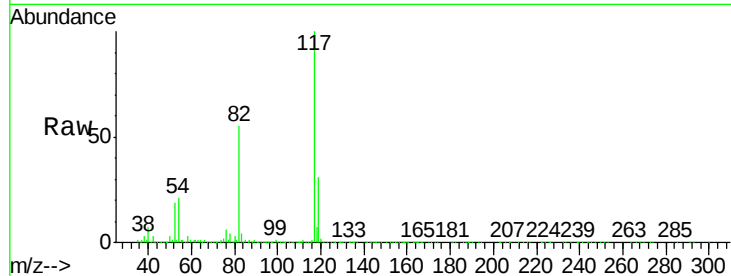
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	40.5	60.7
119	31.2	25.8	38.6

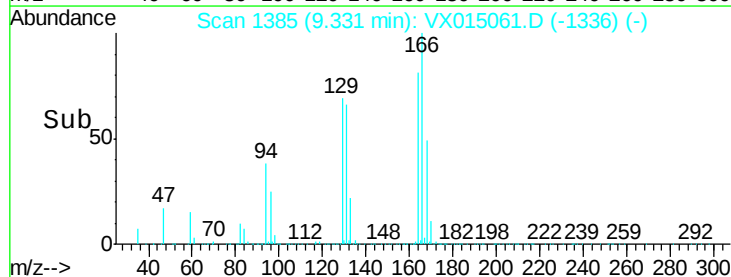
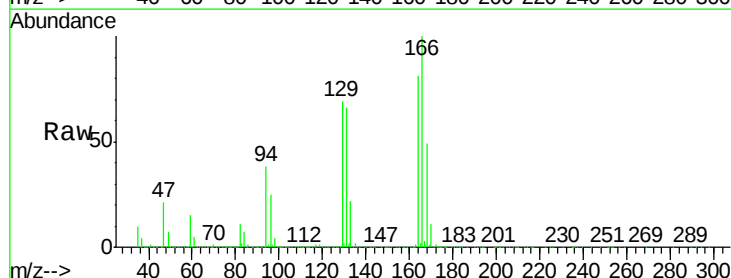
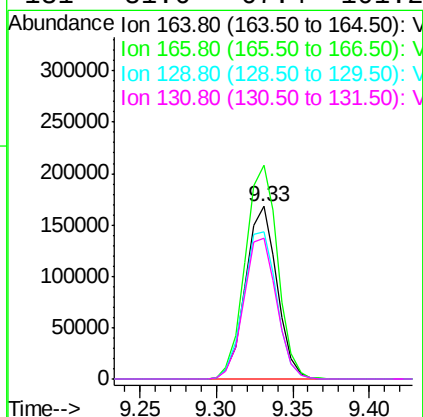
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#64
Tetrachloroethene
Concen: 44.881 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.6	153.8
129	85.1	68.3	102.5
131	81.6	67.4	101.2





#65

Chlorobenzene

Concen: 51.655 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 599921

Ion Ratio Lower Upper

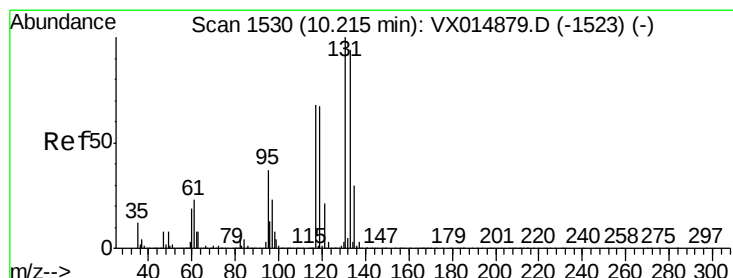
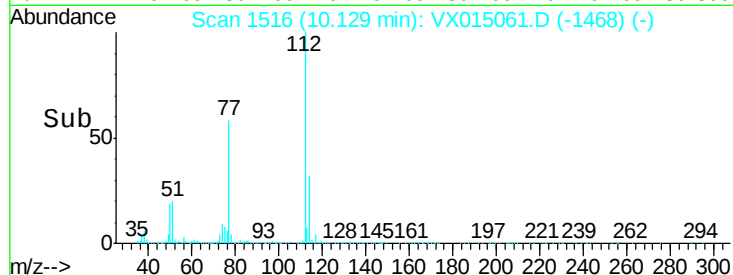
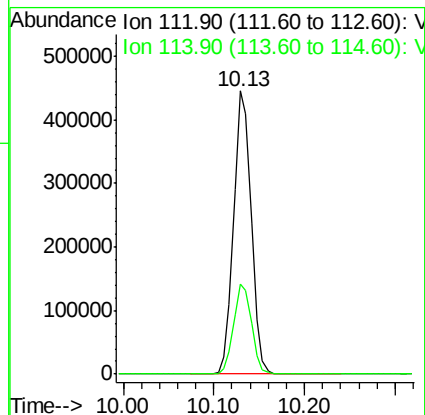
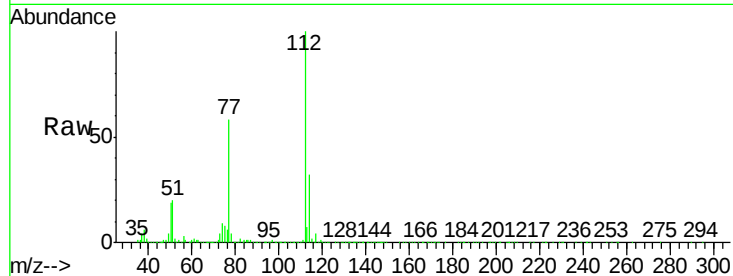
112 100

114 31.6 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.820 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

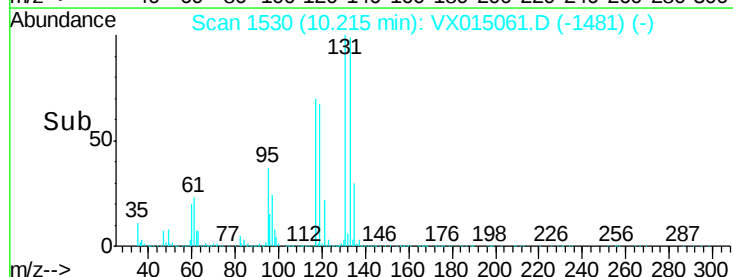
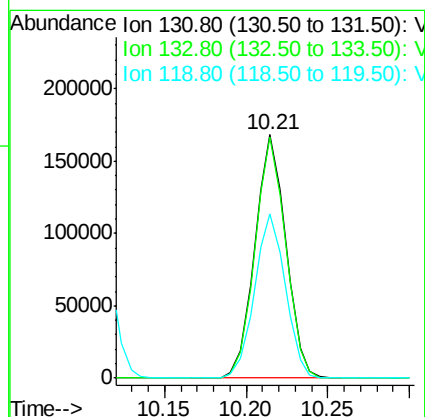
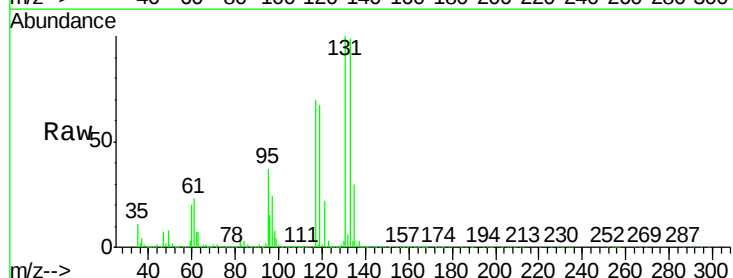
Tgt Ion:131 Resp: 222712

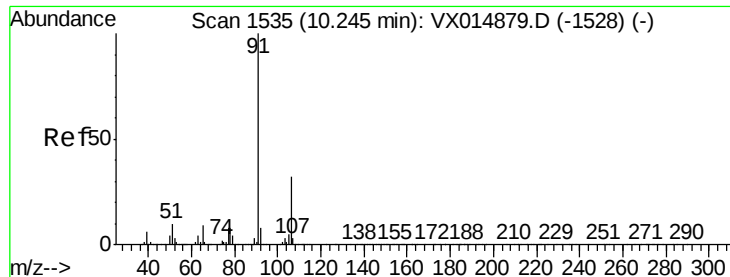
Ion Ratio Lower Upper

131 100

133 98.1 48.1 144.4

119 67.1 33.0 99.0





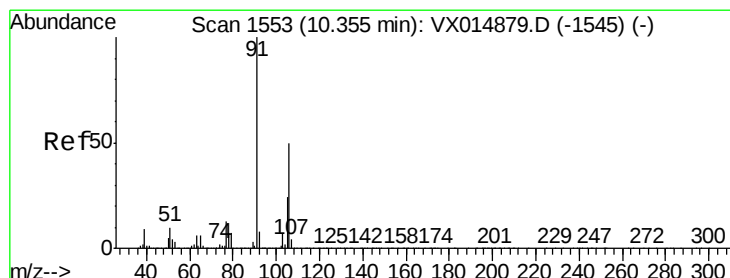
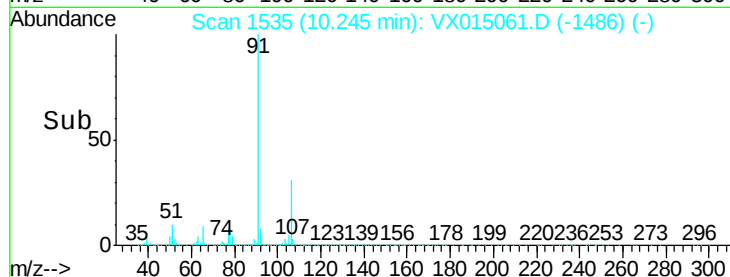
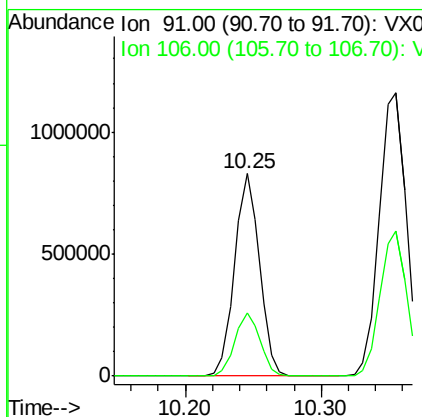
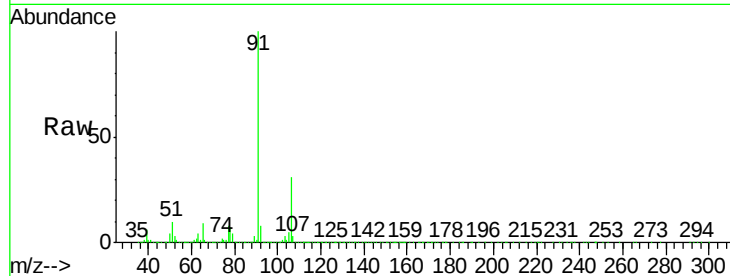
#67
Ethyl Benzene
Concen: 53.455 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1055841
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

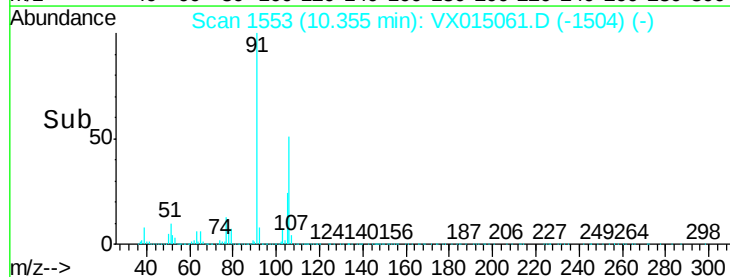
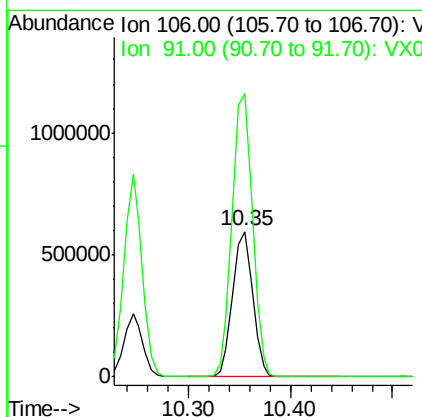
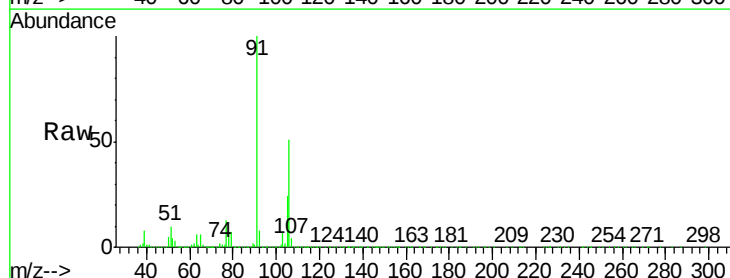
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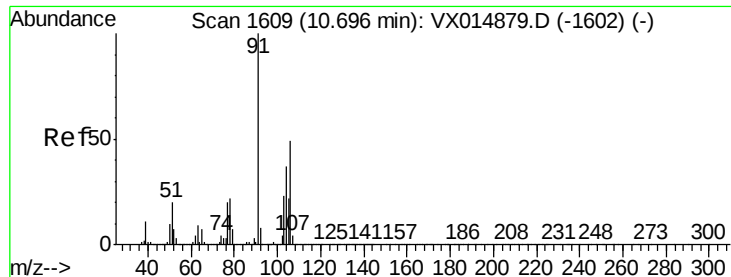
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#68
m/p-Xylenes
Concen: 106.250 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion: 106 Resp: 808462
Ion Ratio Lower Upper
106 100
91 199.2 160.6 240.8





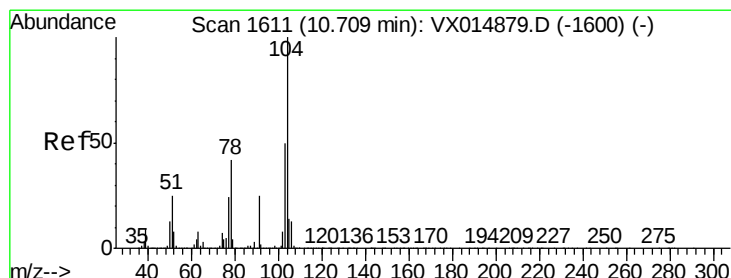
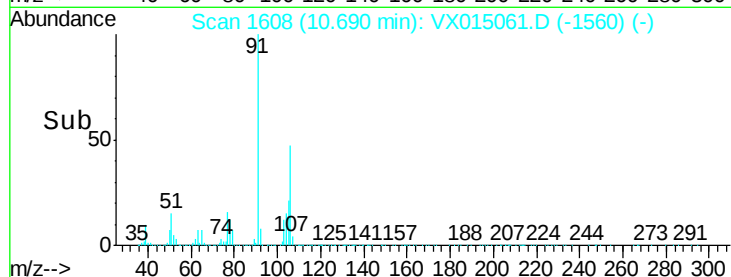
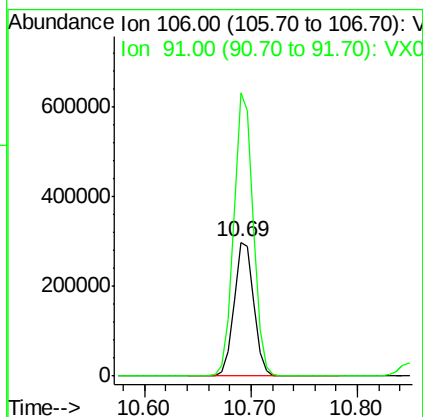
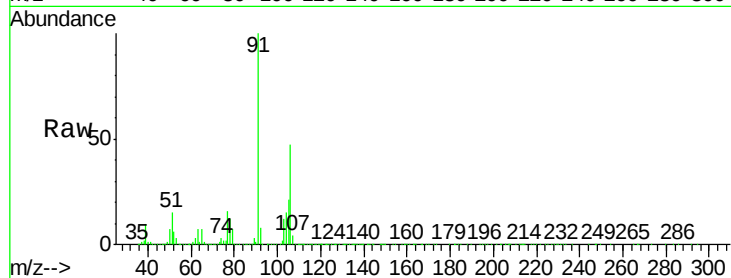
#69
o-Xylene
Concen: 53.009 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.7	105.1	315.3

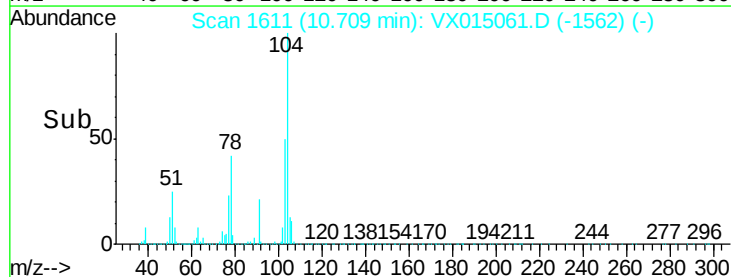
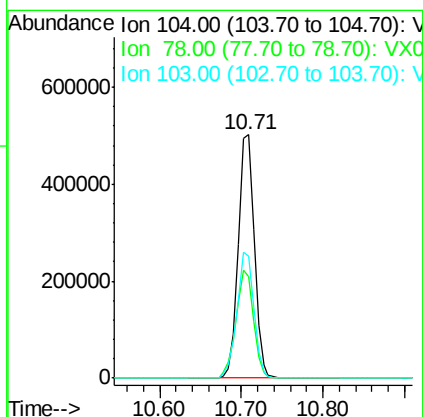
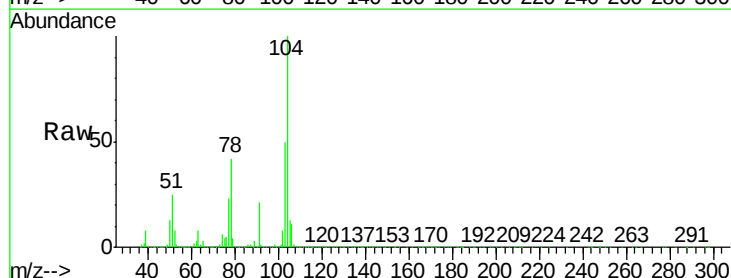
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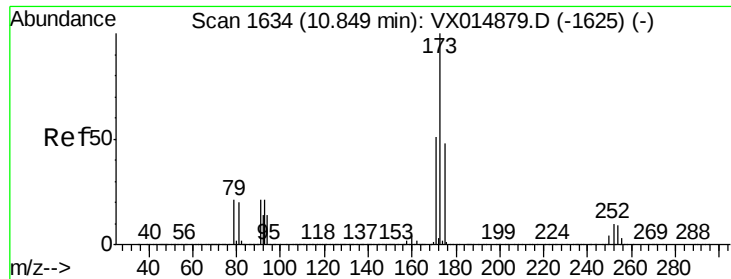
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#70
Styrene
Concen: 54.668 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.0	58.4
103	54.4	43.4	65.0





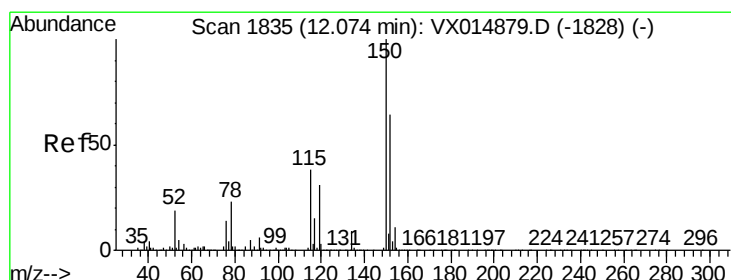
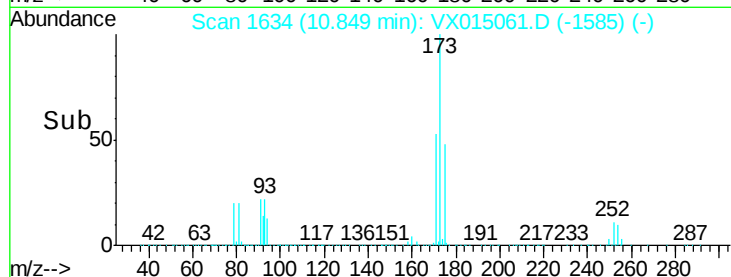
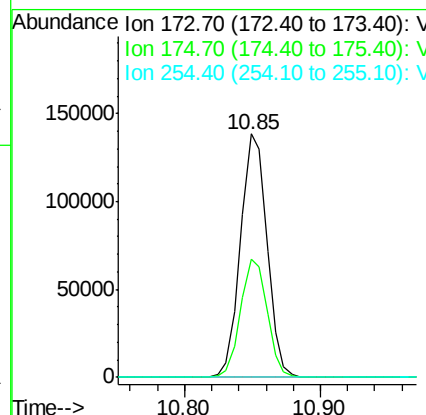
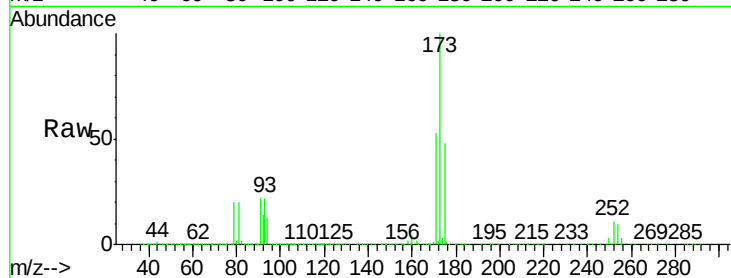
#71
Bromoform
Concen: 53.585 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.2	72.6
254	0.2	0.2	0.2

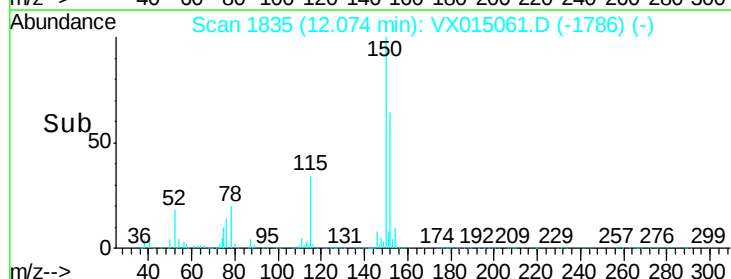
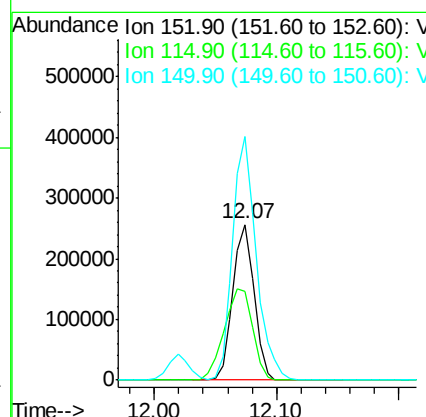
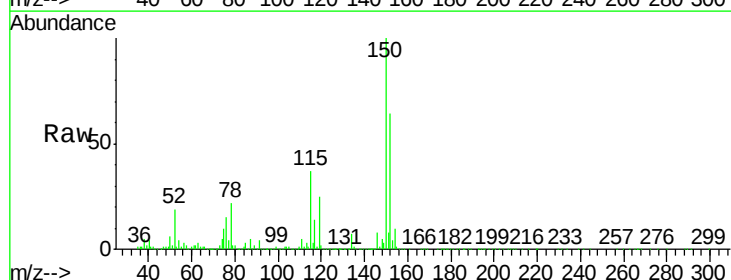
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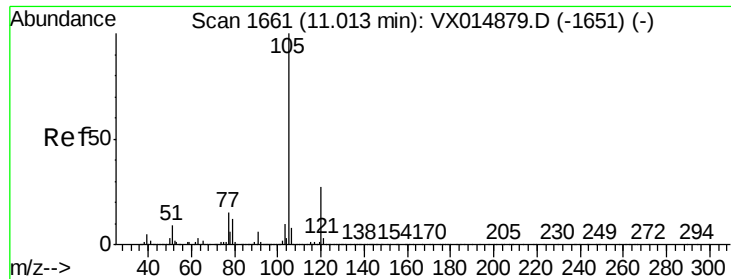
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	38.6	116.0
150	174.0	0.0	349.0





#73

Isopropylbenzene

Concen: 54.066 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1040953

Ion Ratio Lower Upper

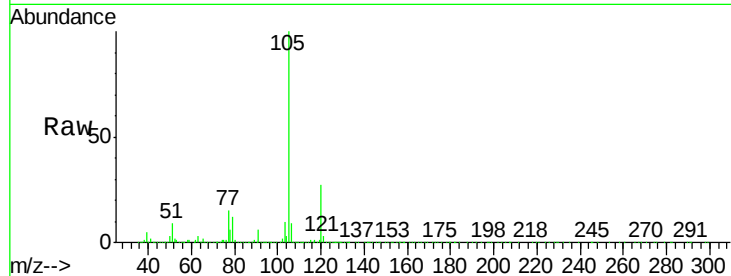
105 100

120 27.3 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

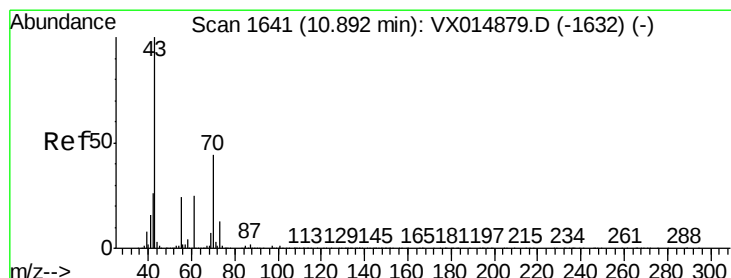
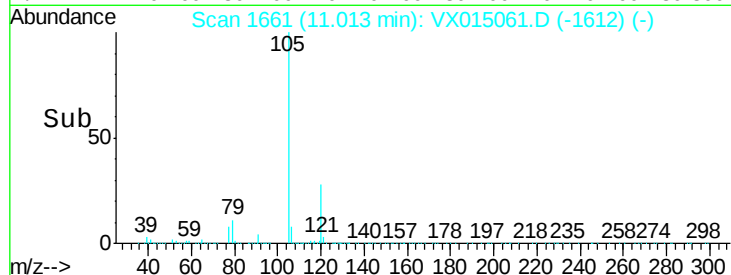
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 56.534 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion: 43 Resp: 452271

Ion Ratio Lower Upper

43 100

70 43.2 35.0 52.4

55 24.4 19.4 29.2

61 25.0 19.8 29.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

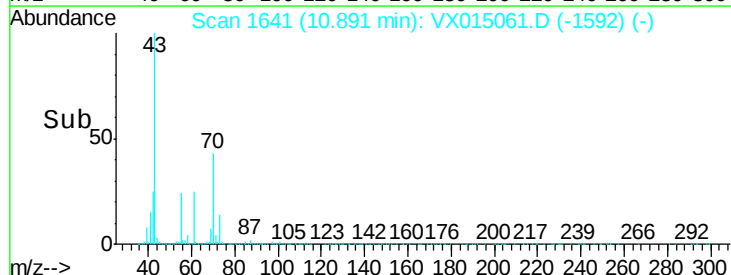
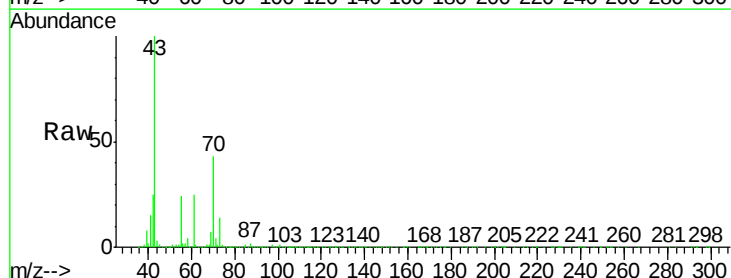
300000

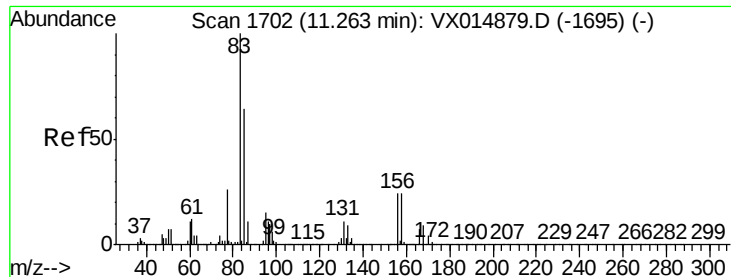
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 54.326 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

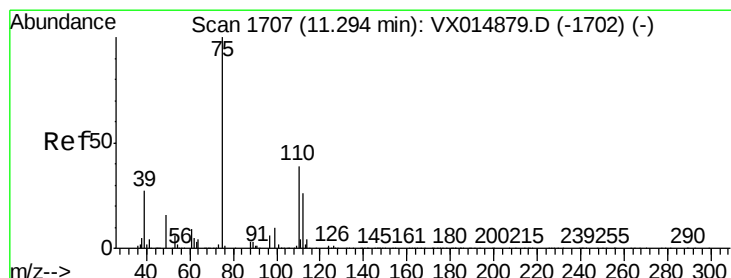
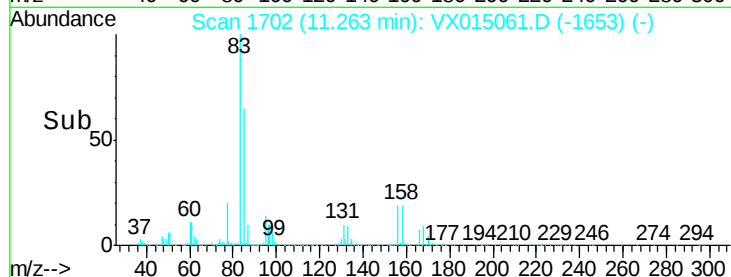
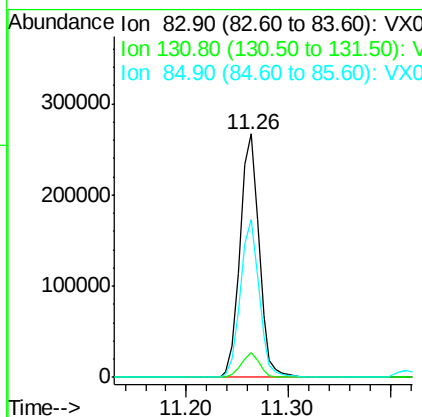
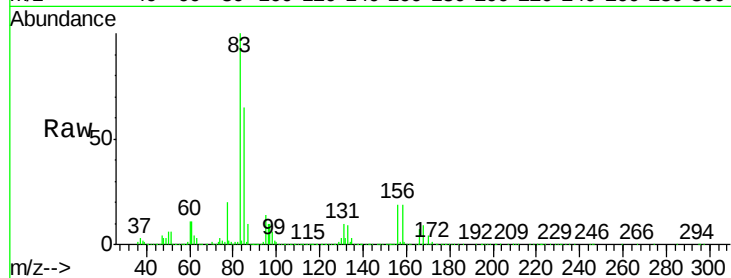
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	341920
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.3	16.1
85	64.2	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 51.609 ug/l m

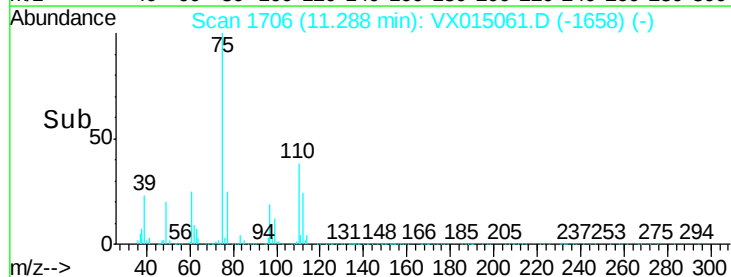
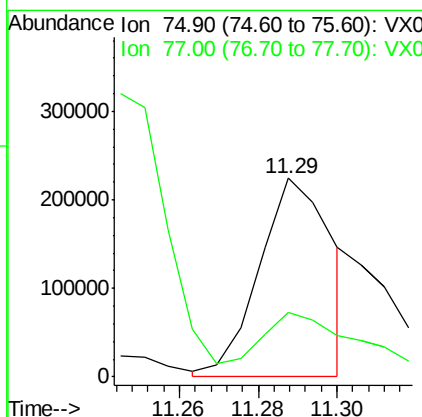
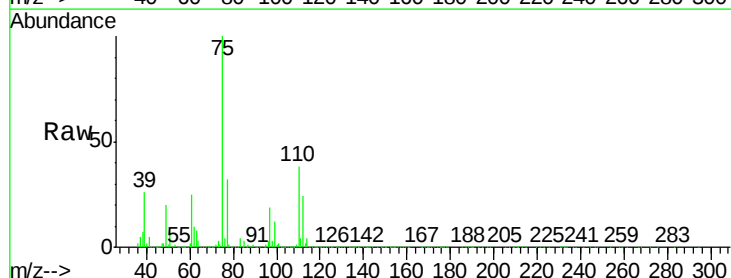
RT: 11.29 min Scan# 1706

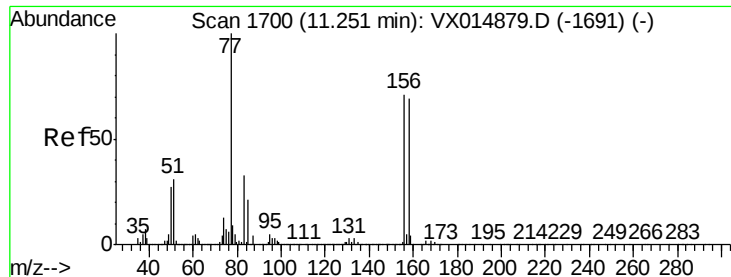
Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	75	Resp:	286531
Ion Ratio	Lower	Upper	
75	100		
77	44.7	18.4	55.0





#77

Bromobenzene

Concen: 51.230 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

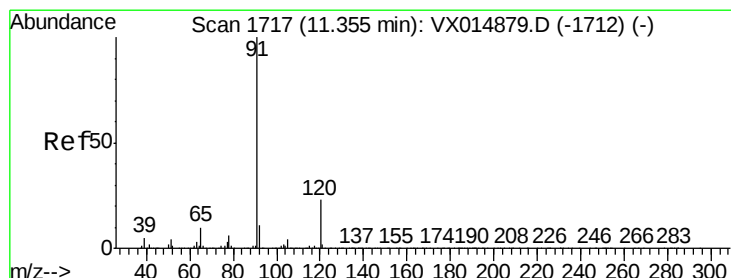
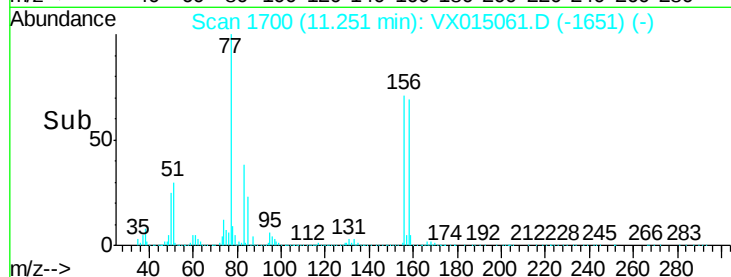
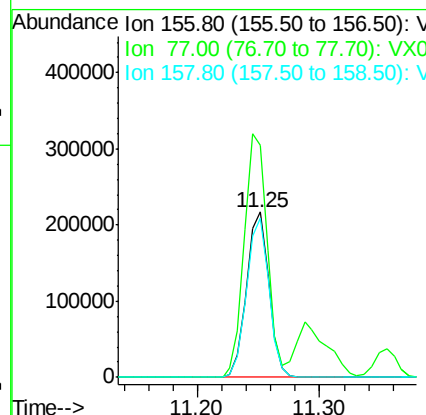
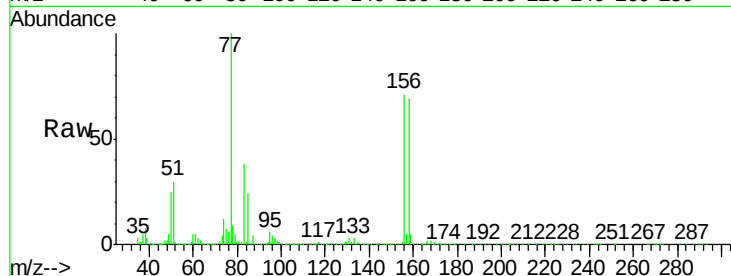
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	275304
Ion Ratio	Lower	Upper	
156	100		
77	149.8	74.0	222.0
158	96.2	48.9	146.6

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#78

n-propylbenzene

Concen: 54.972 ug/l

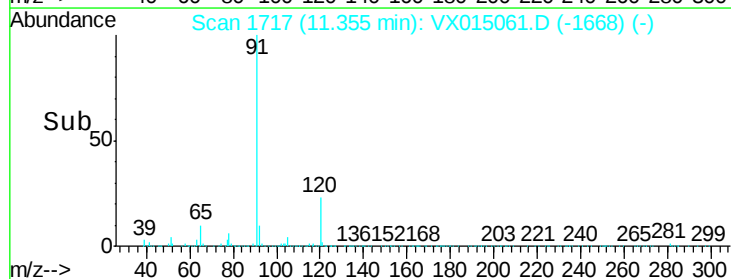
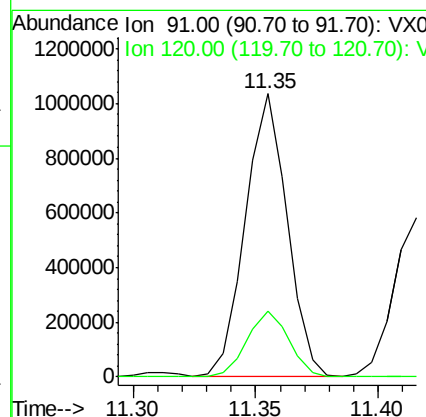
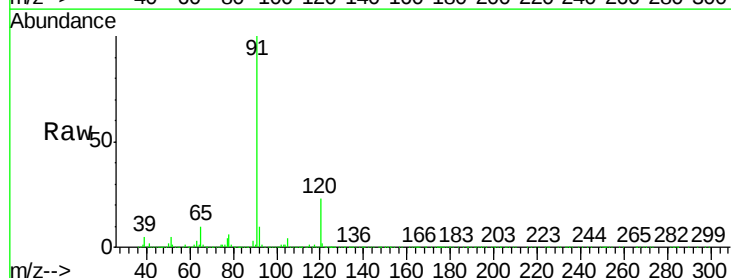
RT: 11.35 min Scan# 1717

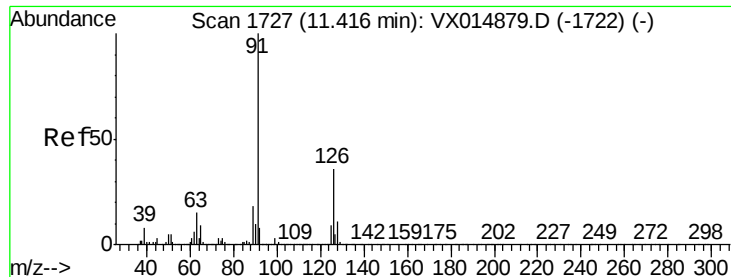
Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion:	91	Resp:	1224159
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.4





#79

2-Chlorotoluene

Concen: 53.908 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 705742

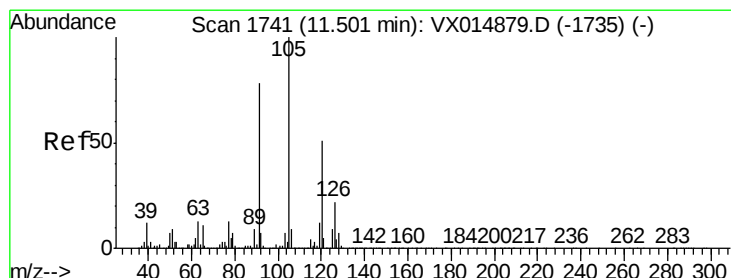
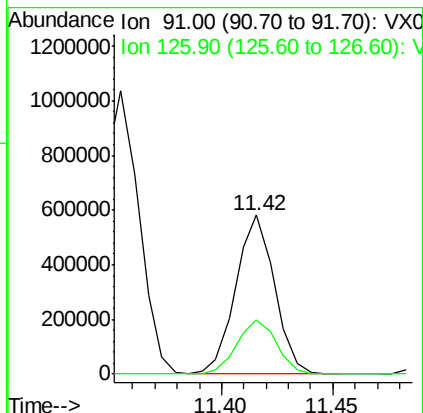
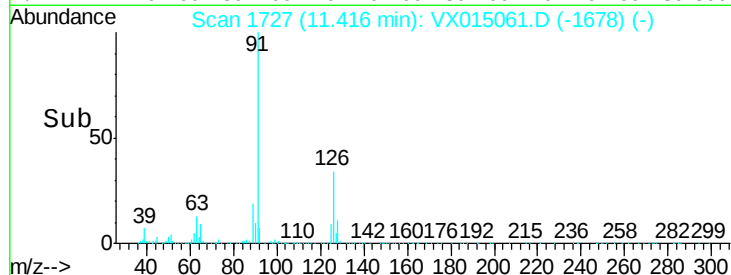
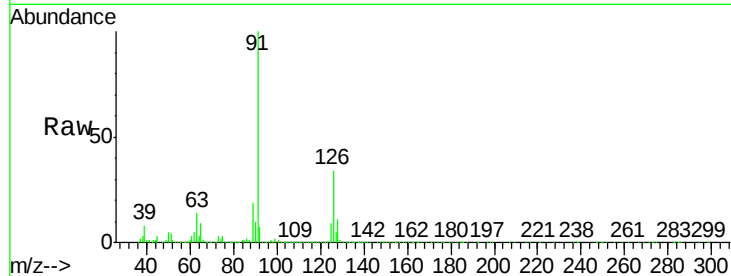
Ion Ratio Lower Upper

91 100

126 34.8 18.0 54.0

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#80

1,3,5-Trimethylbenzene

Concen: 54.786 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015061.D

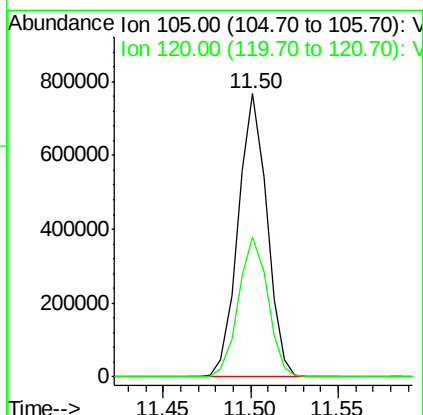
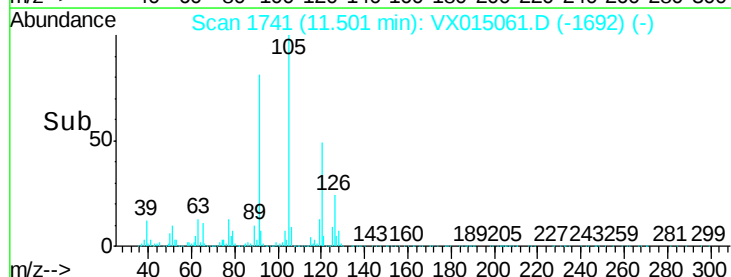
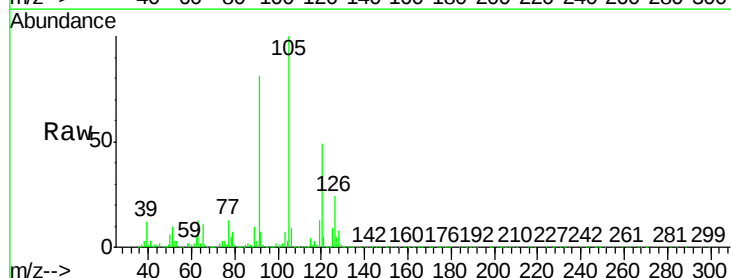
Acq: 02 Mar 2020 09:41

Tgt Ion: 105 Resp: 881363

Ion Ratio Lower Upper

105 100

120 50.1 25.6 76.6





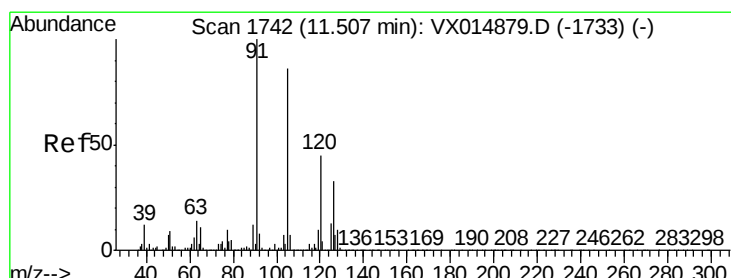
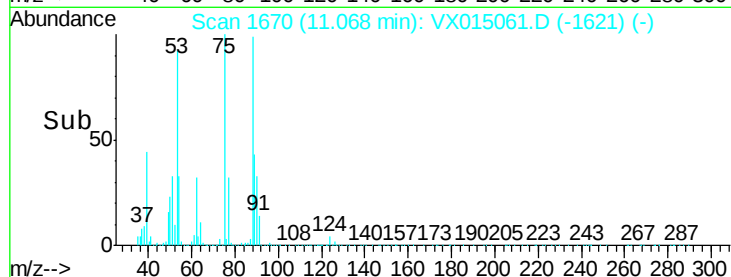
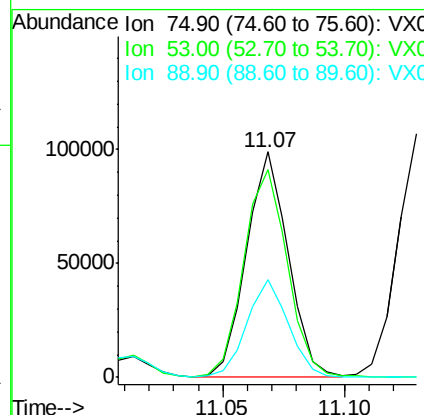
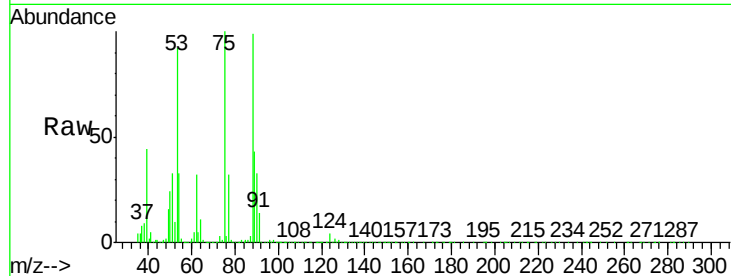
#81
trans-1,4-Dichloro-2-butene
Concen: 53.863 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.0	76.2	114.2
89	43.6	35.8	53.6

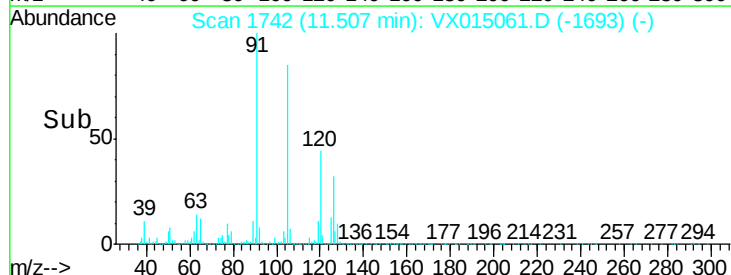
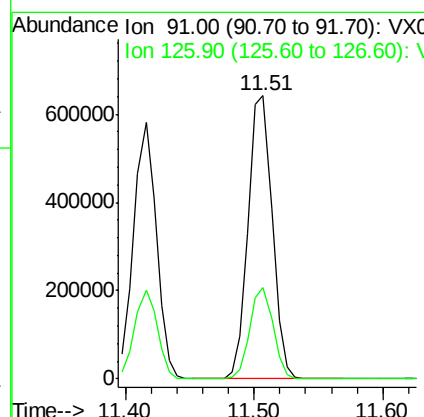
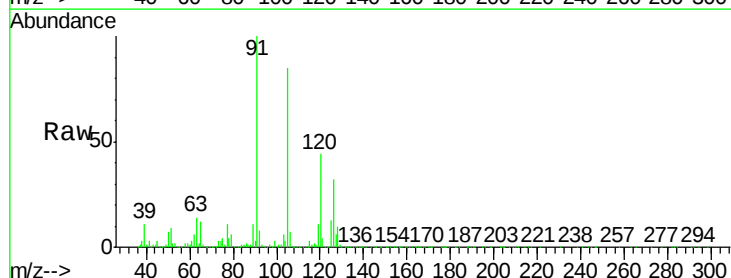
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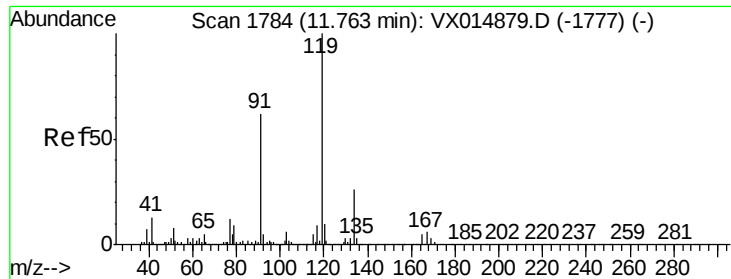
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#82
4-Chlorotoluene
Concen: 53.370 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





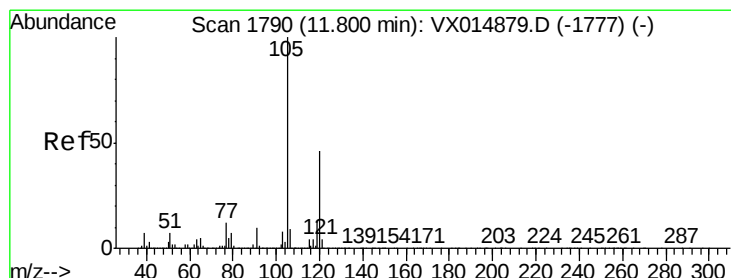
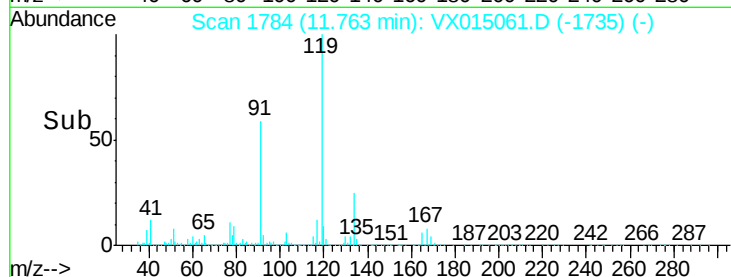
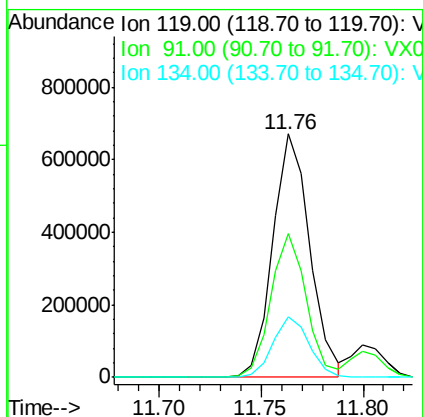
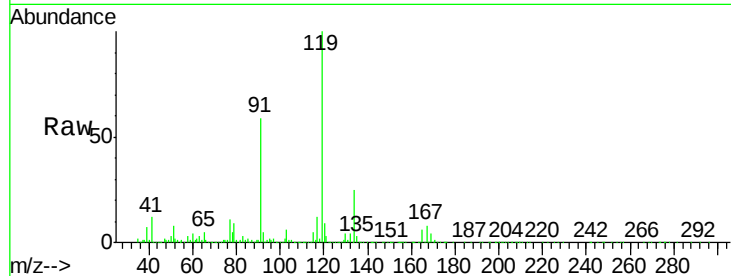
#83
tert-Butylbenzene
Concen: 55.793 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	29.5	88.6
134	24.4	12.6	37.6

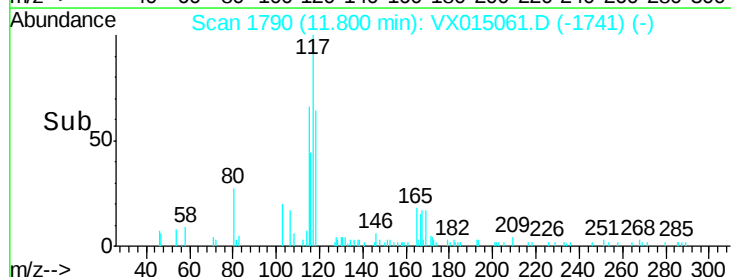
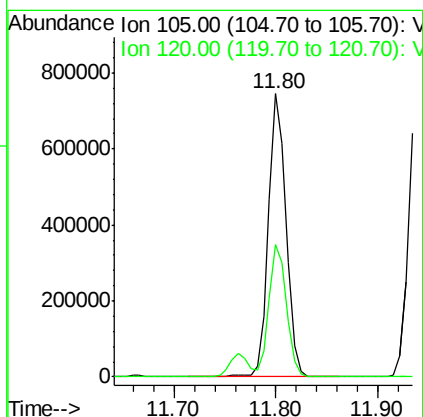
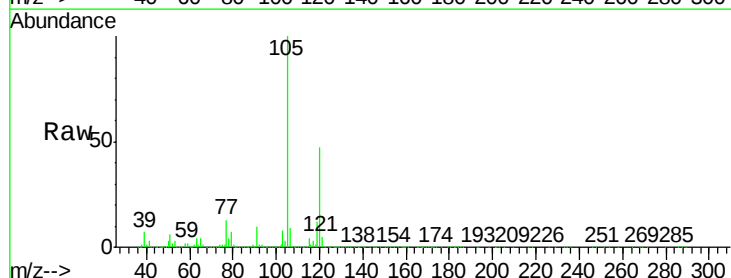
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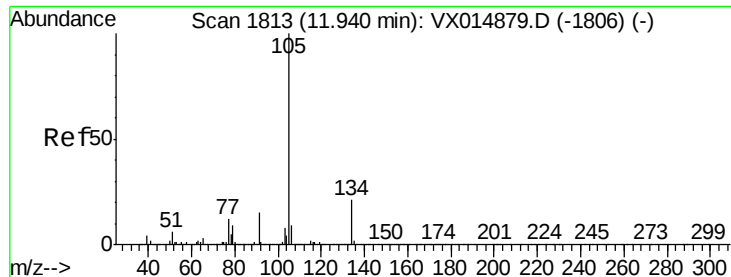
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#84
1,2,4-Trimethylbenzene
Concen: 54.952 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 55.573 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1051730

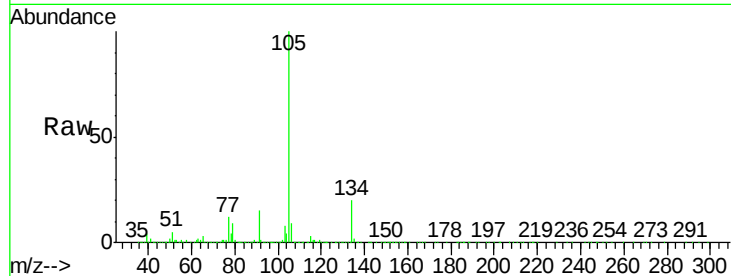
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

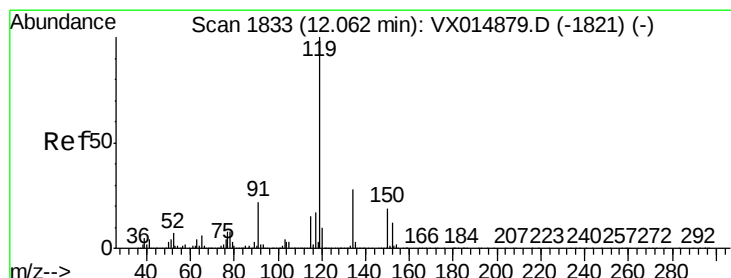
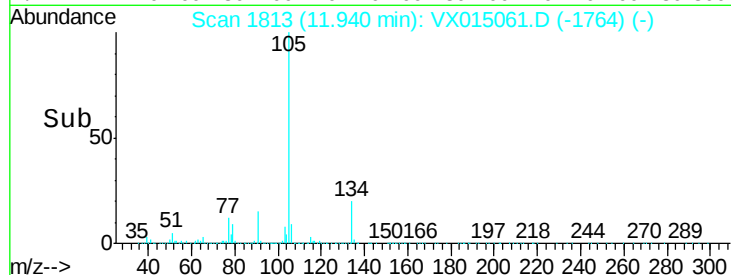
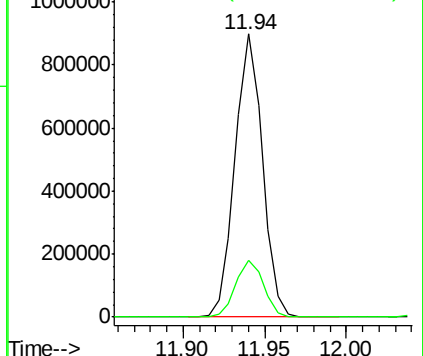
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.173 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

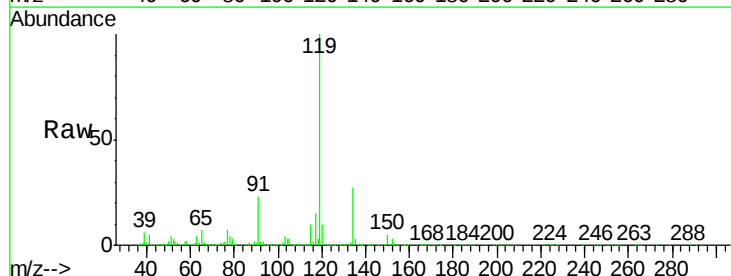
Tgt Ion:119 Resp: 977110

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

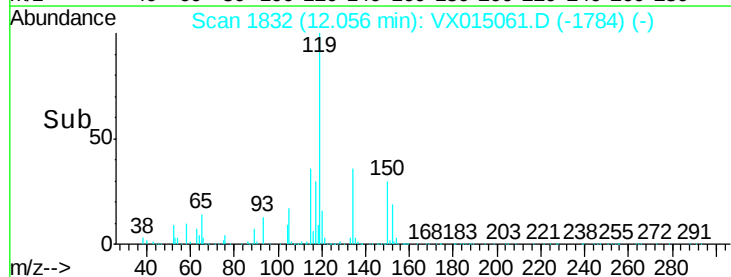
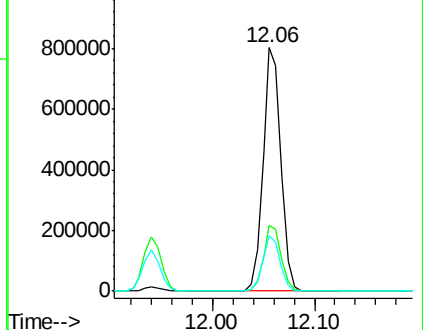
91 22.2 11.4 34.1

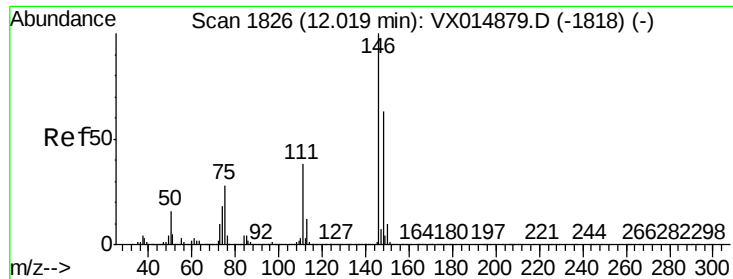


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.005 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

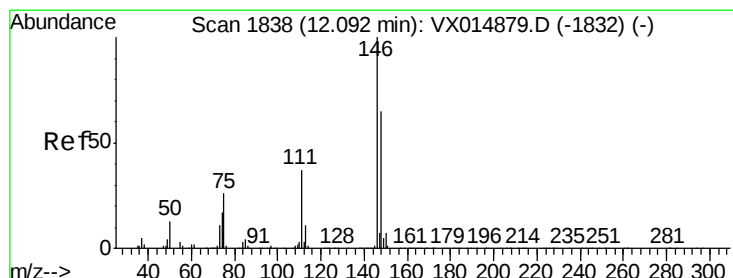
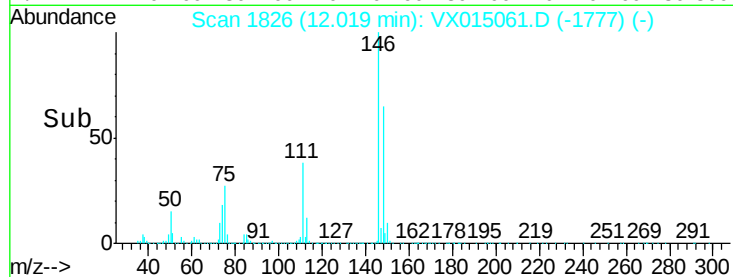
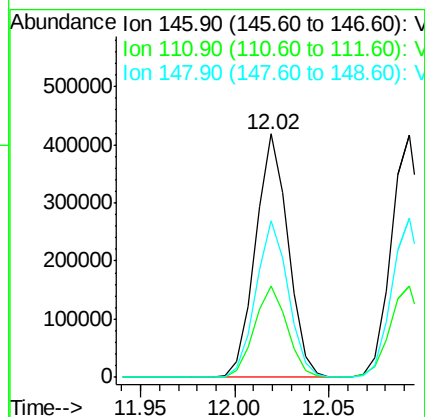
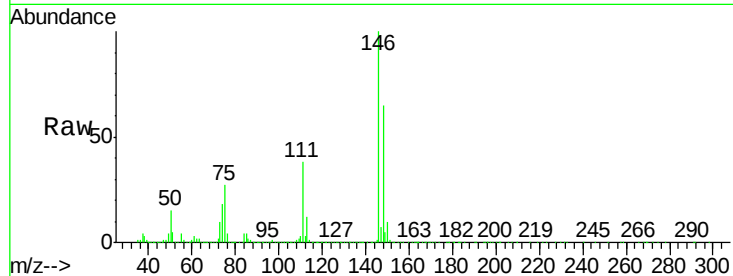
Instrument :
MSVOA_X

ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	63.7	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.034 ug/l

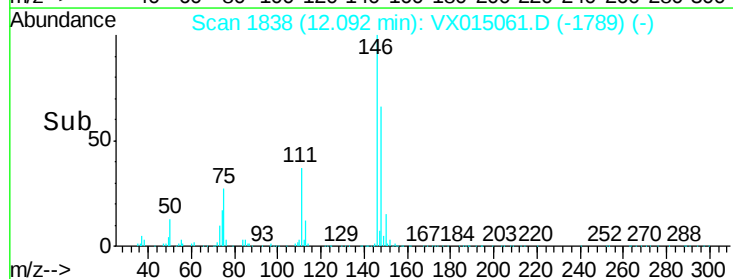
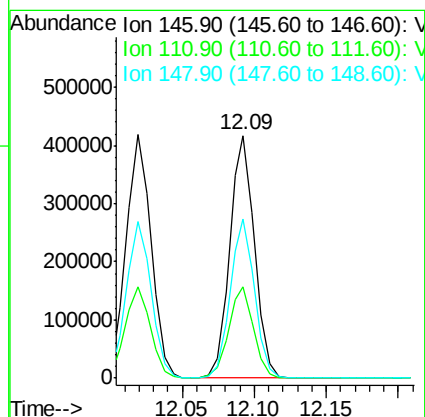
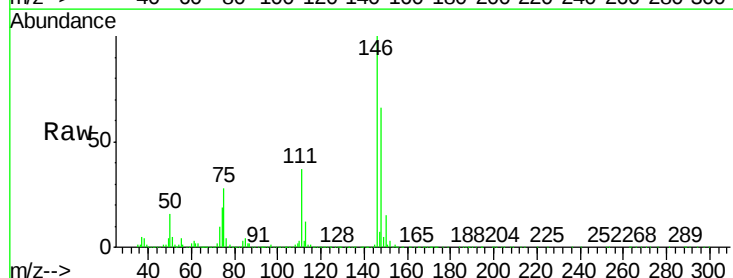
RT: 12.09 min Scan# 1838

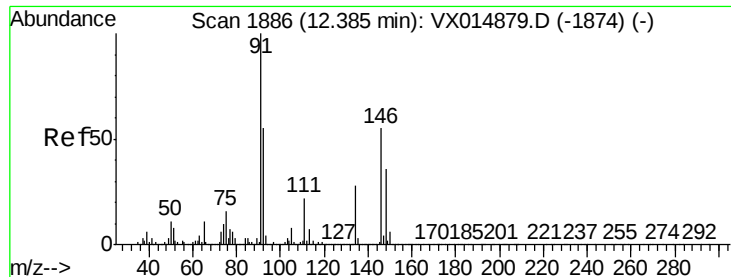
Delta R.T. -0.00 min

Lab File: VX015061.D

Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.6
148	64.7	32.4	97.0





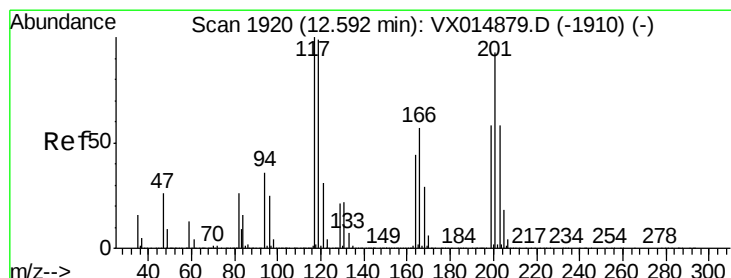
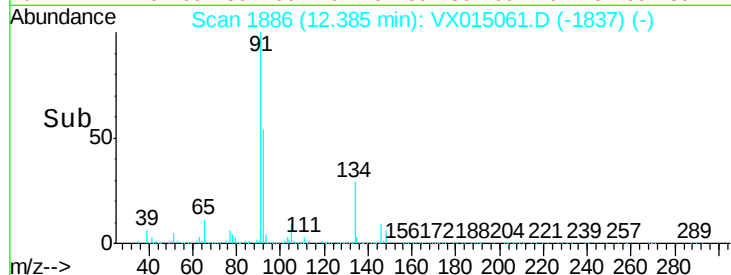
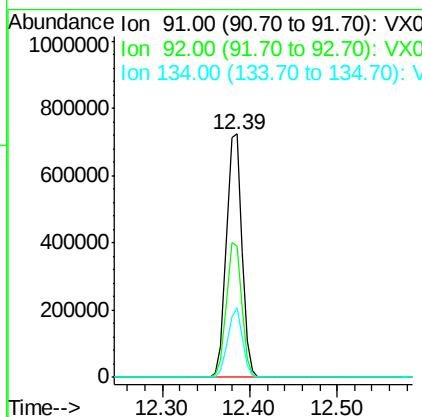
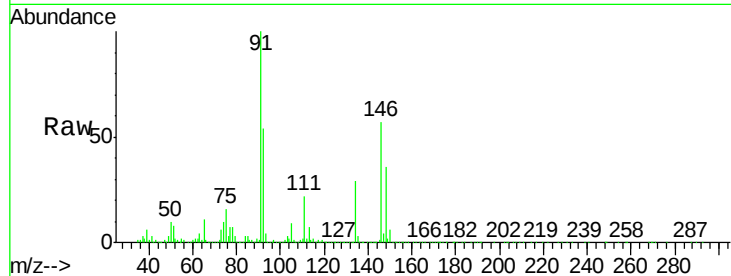
#89
n-Butylbenzene
Concen: 55.785 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.8
134	27.0	13.8	41.4

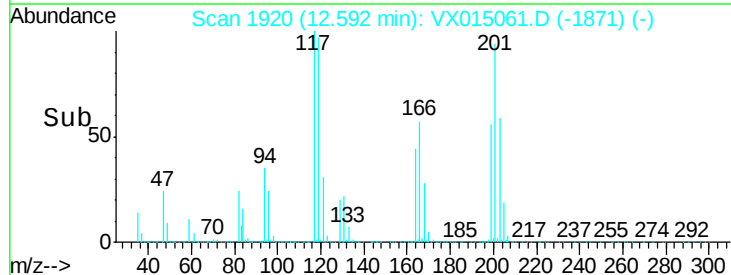
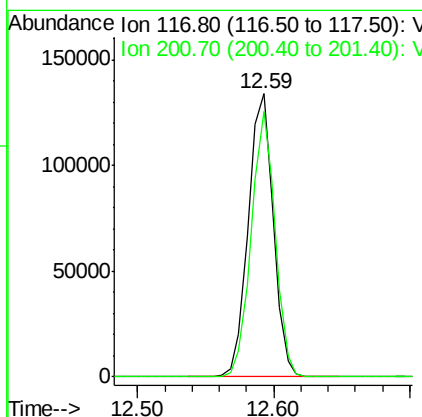
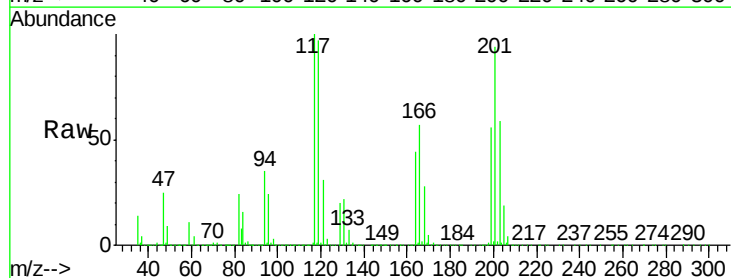
Manual Integrations
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#90
Hexachloroethane
Concen: 55.777 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.0	44.8	134.3





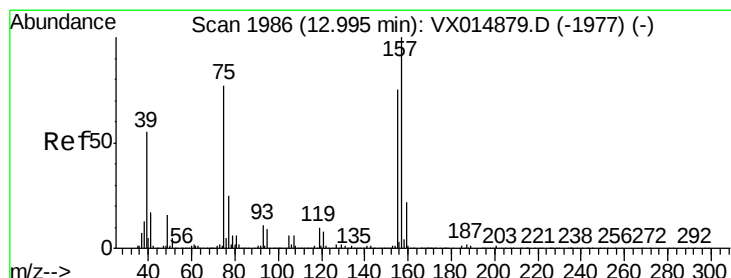
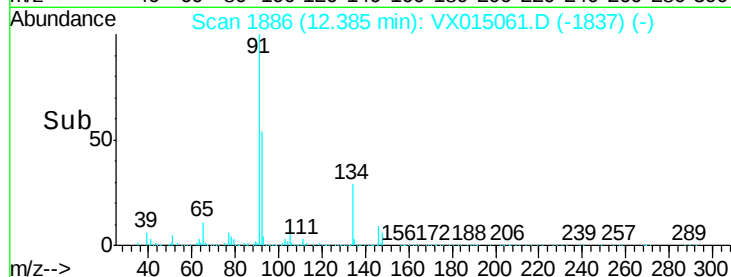
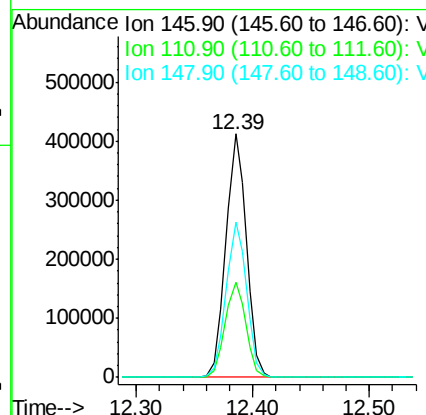
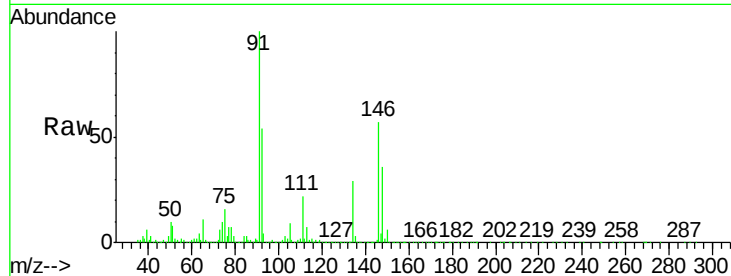
#91
 1,2-Dichlorobenzene
 Concen: 52.862 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	63.8	32.4	97.2

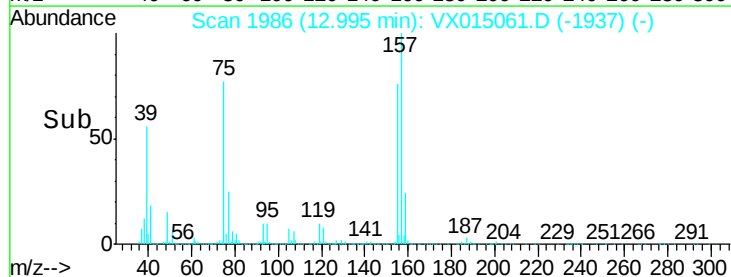
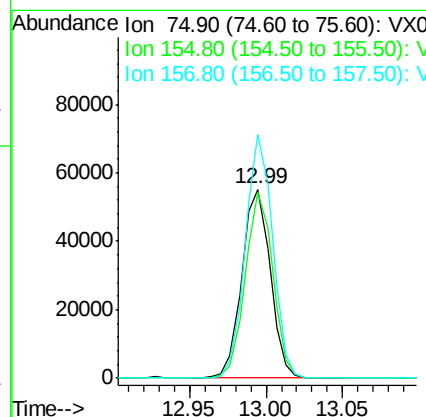
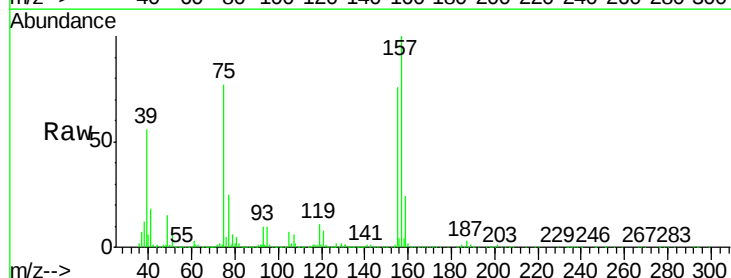
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.745 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015061.D
 Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	48.6	145.9
157	125.0	62.0	186.0





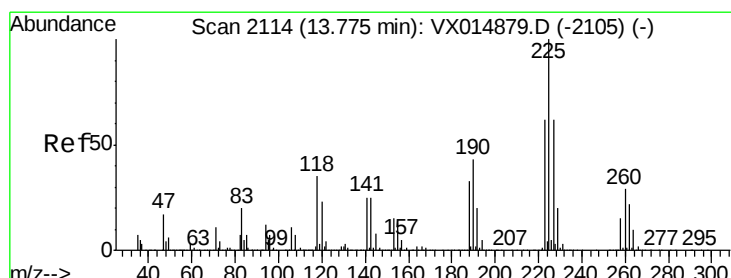
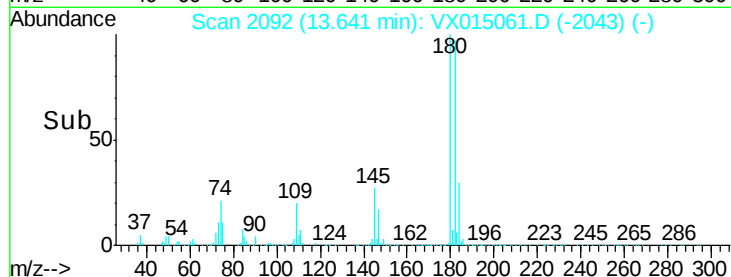
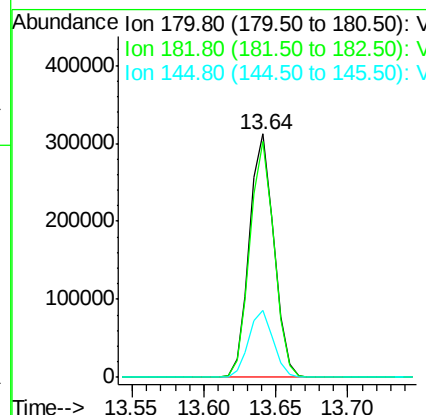
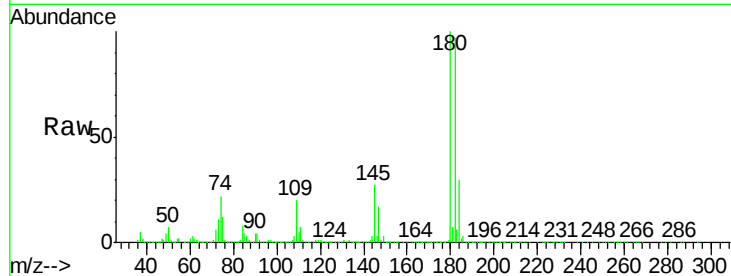
#93
1,2,4-Trichlorobenzene
Concen: 52.461 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	366084		
182	96.0	48.4	145.3	
145	27.7	14.1	42.4	

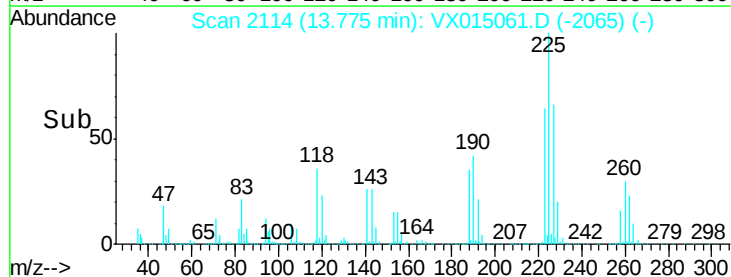
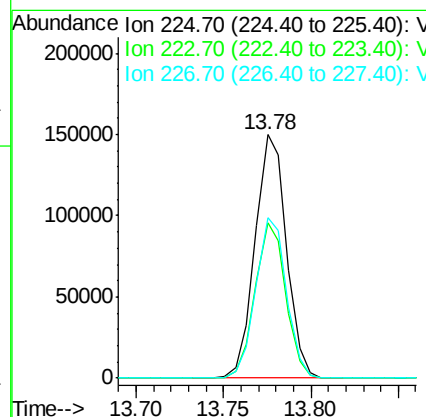
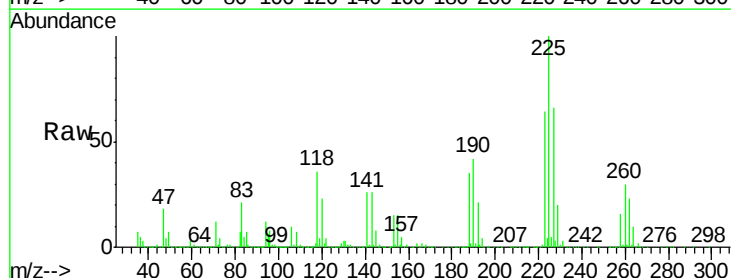
Manual Integrations
APPROVED

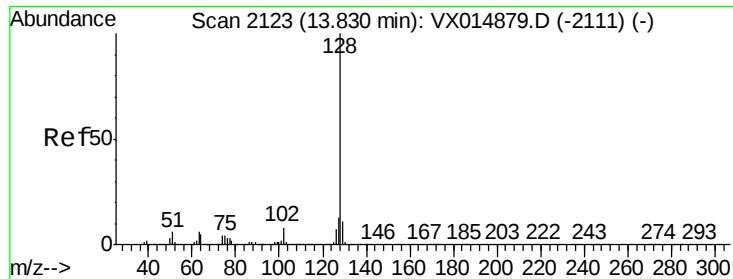
MMDadoda
3/3/2020 9:51:18 AM



#94
Hexachlorobutadiene
Concen: 55.307 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	186675		
223	62.4	31.1	93.2	
227	64.9	30.9	92.5	





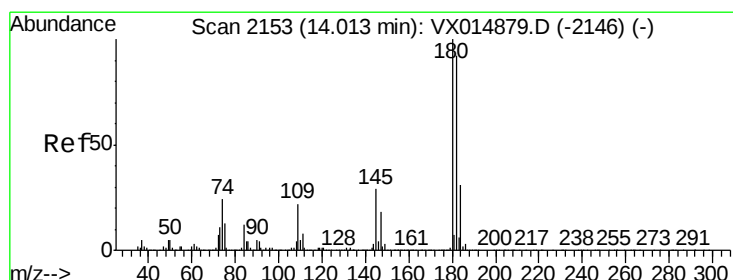
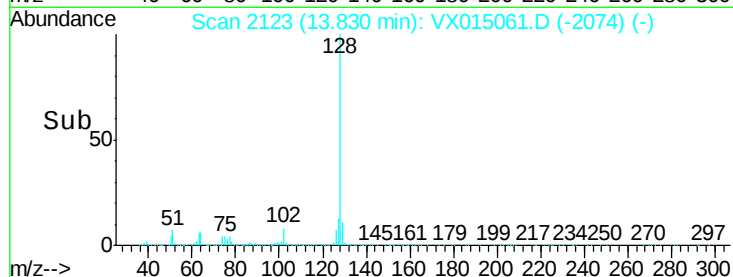
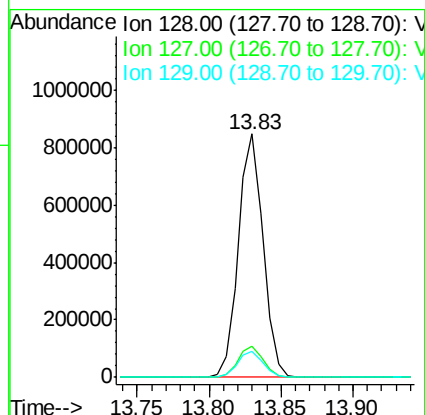
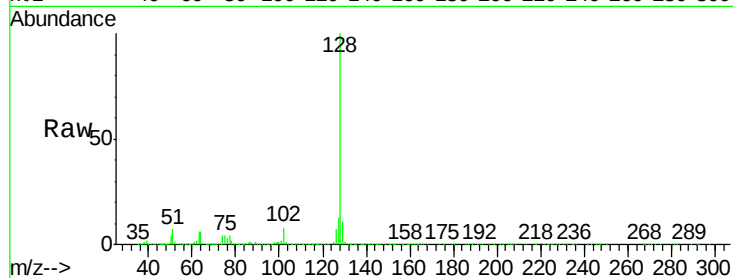
#95
Naphthalene
Concen: 54.717 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 9:51:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.992 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015061.D
Acq: 02 Mar 2020 09:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	29.5	14.5	43.5

