

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015033.D
 Acq On : 27 Feb 2020 08:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 11:28:31 AM

Quant Time: Feb 27 10:50:40 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	427974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	633282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	224875	46.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.48	113	190926	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	731813	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	269225	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	192398	47.471	ug/l 99
3) Chloromethane	1.32	50	237599	51.708	ug/l 98
4) Vinyl Chloride	1.41	62	243521	49.196	ug/l 98
5) Bromomethane	1.63	94	134936	42.114	ug/l 94
6) Chloroethane	1.72	64	152481	48.142	ug/l 97
7) Trichlorofluoromethane	1.92	101	314298	45.445	ug/l 100
8) Diethyl Ether	2.18	74	138310	48.226	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	202557	50.457	ug/l 98
10) Methyl Iodide	2.50	142	196718	44.484	ug/l 100
11) Tert butyl alcohol	3.03	59	213073	249.849	ug/l 100
12) 1,1-Dichloroethene	2.37	96	192144	48.981	ug/l 96
13) Acrolein	2.28	56	142159	218.714	ug/l 99
14) Allyl chloride	2.72	41	346832	49.868	ug/l 97
15) Acrylonitrile	3.13	53	579510	268.052	ug/l 99
16) Acetone	2.43	43	725870	281.127	ug/l 99
17) Carbon Disulfide	2.56	76	479739	43.770	ug/l 99
18) Methyl Acetate	2.76	43	277782	57.103	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	658828	51.605	ug/l 100
20) Methylene Chloride	2.85	84	221543	47.681	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	206933	47.807	ug/l 96
22) Diisopropyl ether	3.84	45	721117	54.287	ug/l 98
23) Vinyl Acetate	3.80	43	3010978	274.969	ug/l 100
24) 1,1-Dichloroethane	3.69	63	386324	51.531	ug/l 99
25) 2-Butanone	4.65	43	912270	277.432	ug/l 100
26) 2,2-Dichloropropane	4.57	77	313318	48.495	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	247165	51.082	ug/l 98
28) Bromochloromethane	5.00	49	164023	56.445	ug/l 96
29) Tetrahydrofuran	5.11	42	511563	273.670	ug/l 98
30) Chloroform	5.20	83	385573	51.838	ug/l 97
31) Cyclohexane	5.57	56	336186	49.235	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	321617	49.430	ug/l 99
36) 1,1-Dichloropropene	5.79	75	287615	50.771	ug/l 99
37) Ethyl Acetate	4.81	43	310133	52.490	ug/l 99
38) Carbon Tetrachloride	5.77	117	276630	50.108	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	357176	50.415	ug/l	97
40) Benzene	6.13	78	866216	51.178	ug/l	100
41) Methacrylonitrile	5.03	41	176213	55.361	ug/l	99
42) 1,2-Dichloroethane	6.18	62	302317	49.419	ug/l	98
43) Isopropyl Acetate	6.43	43	515789	52.920	ug/l	99
44) Trichloroethene	7.20	130	244283	49.717	ug/l	99
45) 1,2-Dichloropropane	7.50	63	230302	53.353	ug/l	99
46) Dibromomethane	7.65	93	148730	50.406	ug/l	98
47) Bromodichloromethane	7.89	83	305326	52.189	ug/l	96
48) Methyl methacrylate	7.76	41	257509	53.685	ug/l	99
49) 1,4-Dioxane	7.73	88	94735	1056.337	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1615109	274.433	ug/l	100
52) Toluene	8.78	92	550963	51.252	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	337225	52.595	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	367826	51.930	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229793	52.834	ug/l	99
56) Ethyl methacrylate	9.17	69	359793	55.036	ug/l	99
57) 1,3-Dichloropropane	9.36	76	379740	51.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	946291	276.778	ug/l	99
59) 2-Hexanone	9.48	43	1300062	281.040	ug/l	99
60) Dibromochloromethane	9.57	129	247289	52.833	ug/l	98
61) 1,2-Dibromoethane	9.67	107	239151	50.961	ug/l	99
64) Tetrachloroethene	9.33	164	244664	44.301	ug/l	98
65) Chlorobenzene	10.13	112	609384	50.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	225739	51.899	ug/l	99
67) Ethyl Benzene	10.25	91	1066503	52.342	ug/l	100
68) m/p-Xylenes	10.35	106	822766	104.818	ug/l	98
69) o-Xylene	10.69	106	391056	51.827	ug/l	100
70) Styrene	10.71	104	690399	54.086	ug/l	99
71) Bromoform	10.85	173	194707	53.629	ug/l #	99
73) Isopropylbenzene	11.01	105	1060533	53.357	ug/l	100
74) N-amyl acetate	10.89	43	453473	54.908	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	345764	53.216	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	289954m	50.589	ug/l	
77) Bromobenzene	11.25	156	278819	50.258	ug/l	99
78) n-propylbenzene	11.35	91	1235938	53.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	716596	53.022	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	894471	53.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	117127	52.309	ug/l	99
82) 4-Chlorotoluene	11.51	91	842405	52.634	ug/l	100
83) tert-Butylbenzene	11.76	119	858758	54.604	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	893194	53.367	ug/l	99
85) sec-Butylbenzene	11.94	105	1058474	54.177	ug/l	99
86) p-Isopropyltoluene	12.06	119	990192	54.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	508693	51.112	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	516032	50.774	ug/l	99
89) n-Butylbenzene	12.39	91	901433	55.053	ug/l	99
90) Hexachloroethane	12.59	117	171710	53.780	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	504523	51.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72709	47.699	ug/l	100

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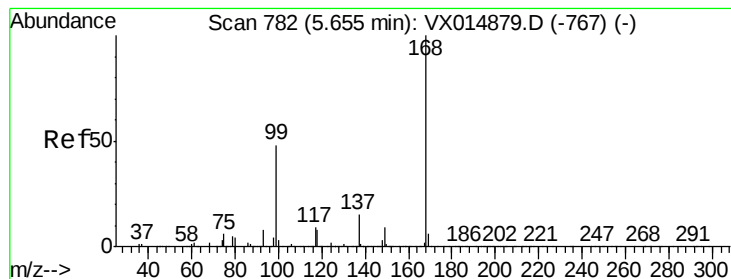
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	367227	50.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	190150	54.572	ug/l	99
95) Naphthalene	13.83	128	1055069	55.083	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	369723	53.121	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 427974

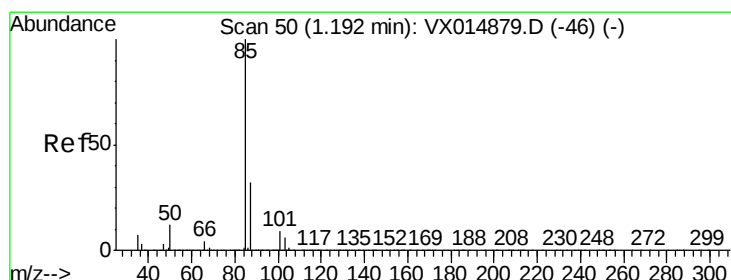
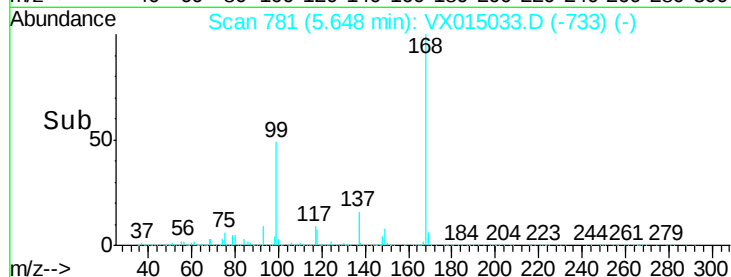
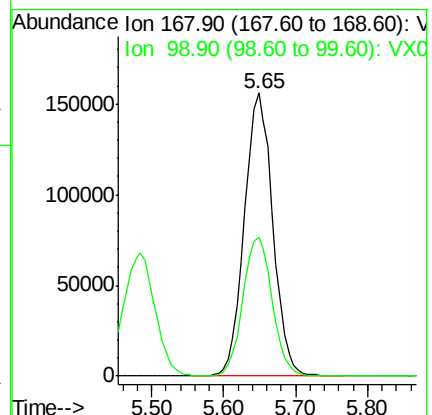
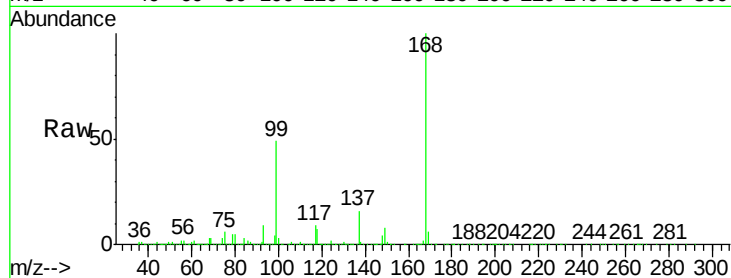
Ion Ratio Lower Upper

168 100

99 49.0 38.7 58.1

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 47.471 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015033.D

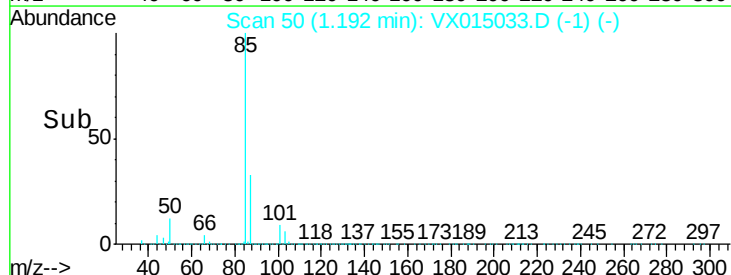
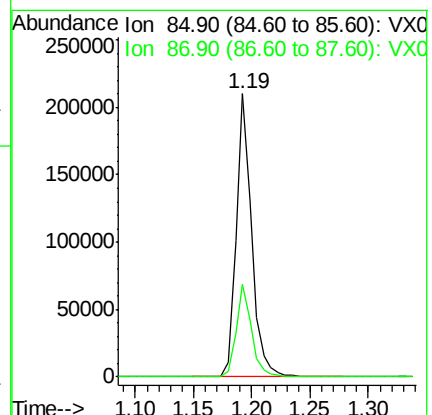
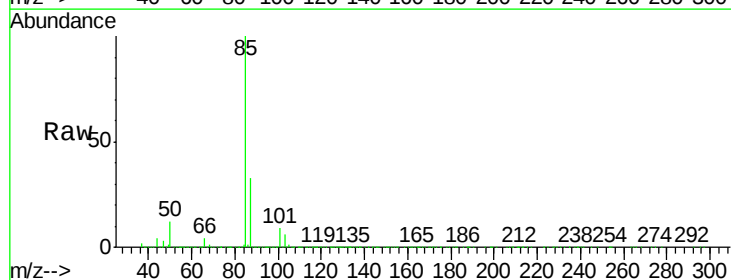
Acq: 27 Feb 2020 08:49

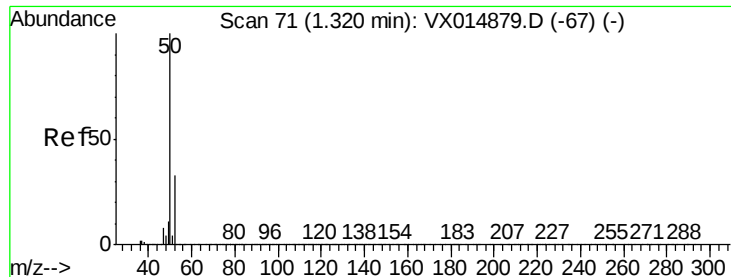
Tgt Ion: 85 Resp: 192398

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2





#3

Chloromethane

Concen: 51.708 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 237599

Ion Ratio Lower Upper

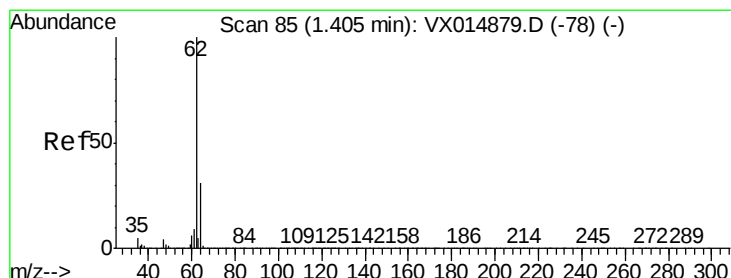
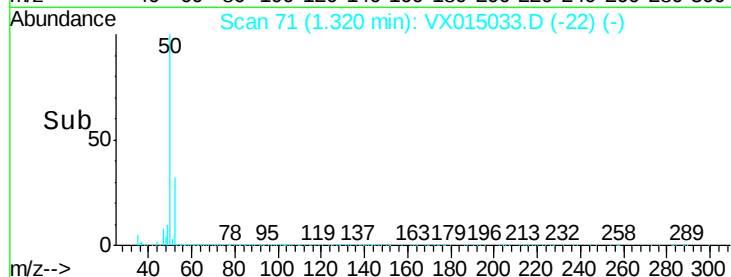
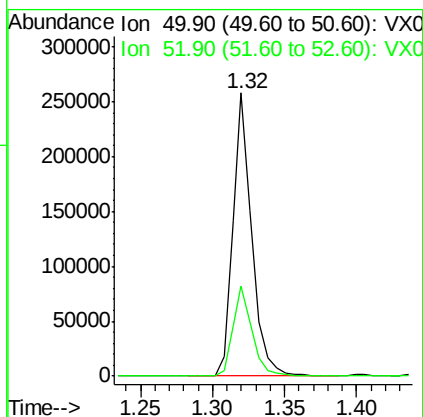
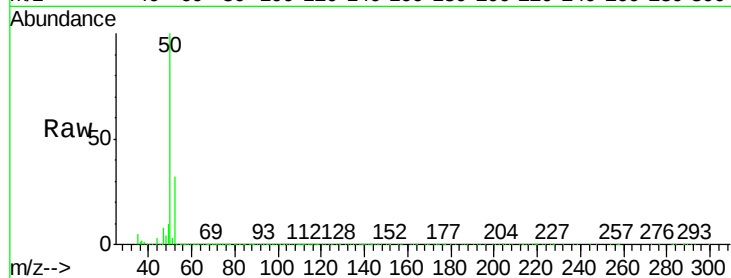
50 100

52 31.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 49.196 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX015033.D

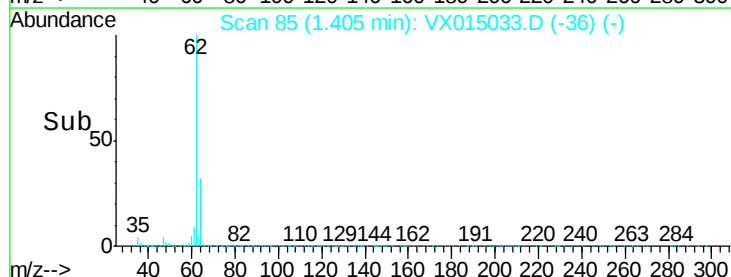
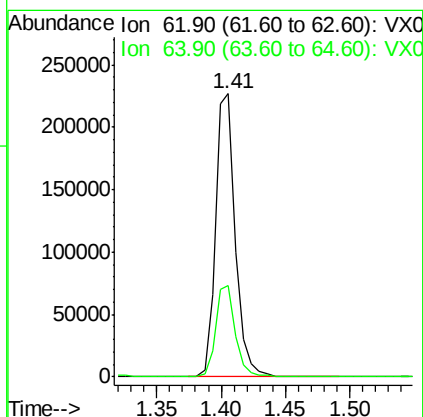
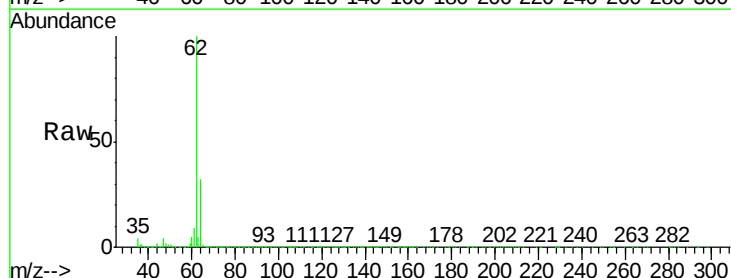
Acq: 27 Feb 2020 08:49

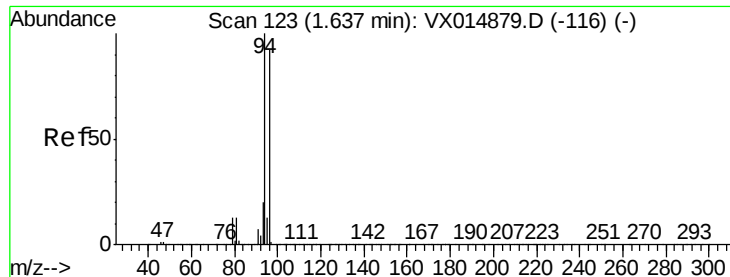
Tgt Ion: 62 Resp: 243521

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2





#5

Bromomethane

Concen: 42.114 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 134936

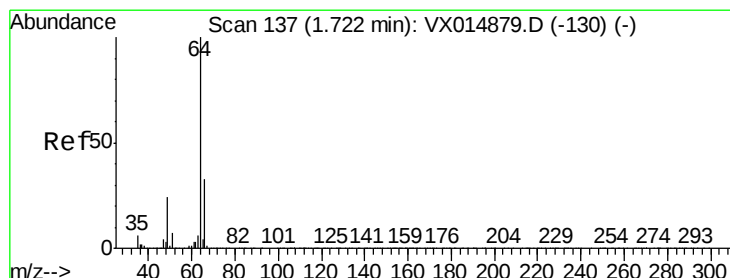
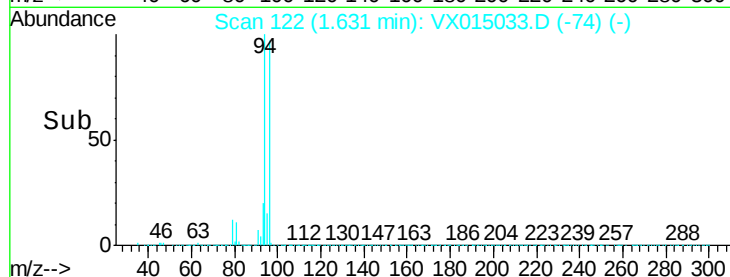
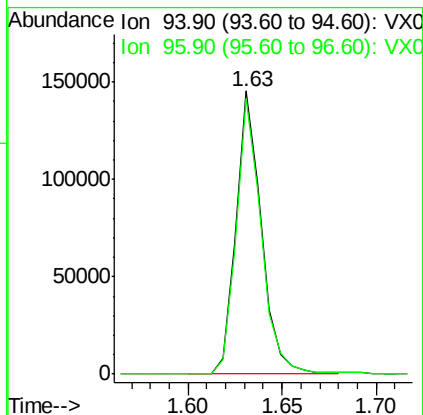
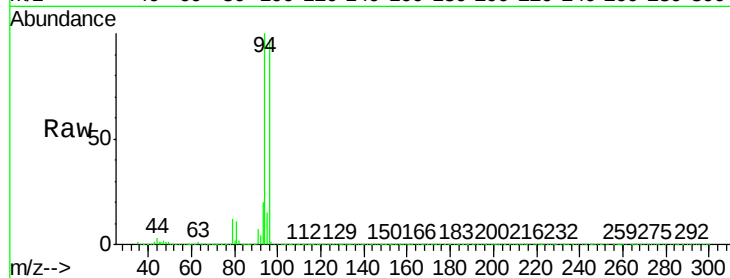
Ion Ratio Lower Upper

94 100

96 97.5 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 48.142 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015033.D

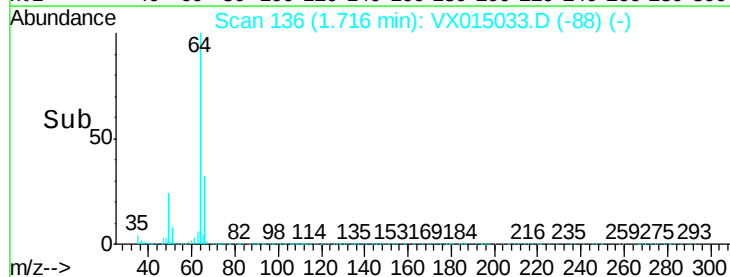
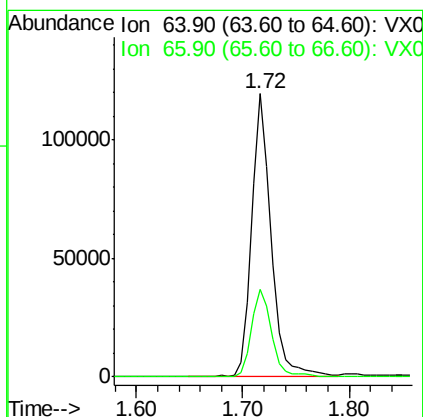
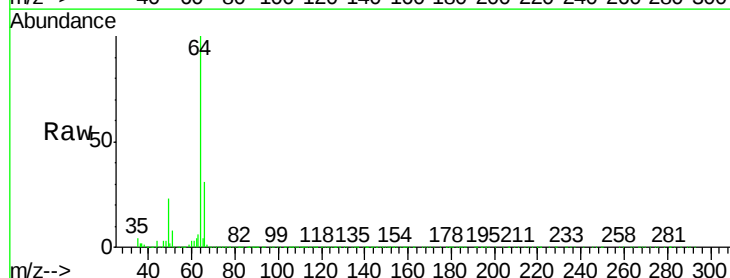
Acq: 27 Feb 2020 08:49

Tgt Ion: 64 Resp: 152481

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.4





#7

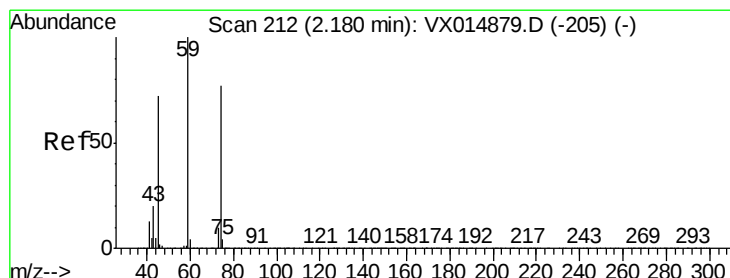
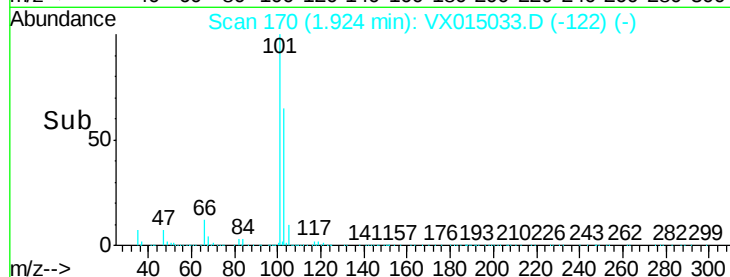
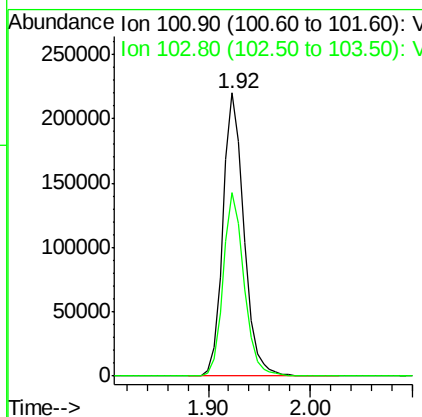
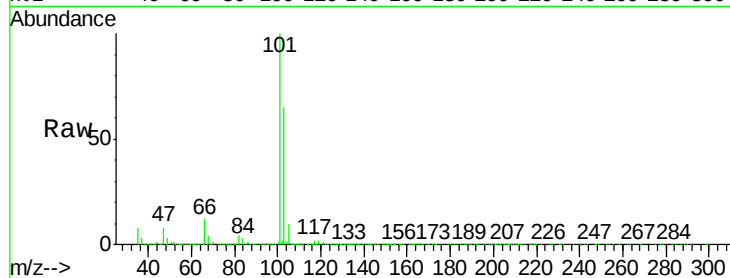
Trichlorofluoromethane
Concen: 45.445 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

Manual Integrations
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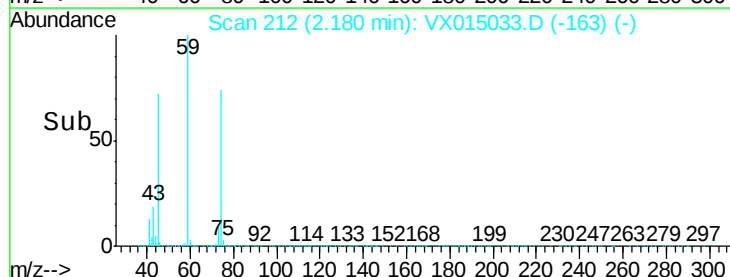
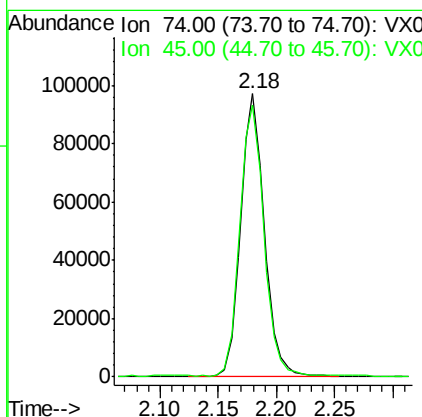
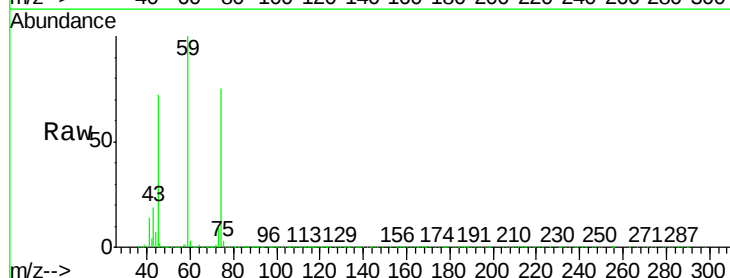
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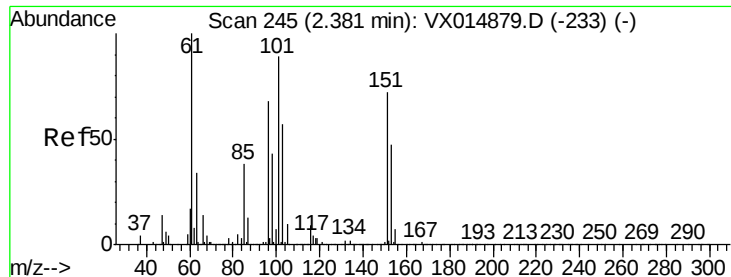


#8

Diethyl Ether
Concen: 48.226 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.457 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

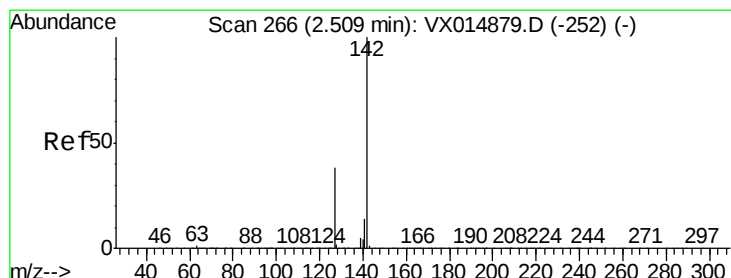
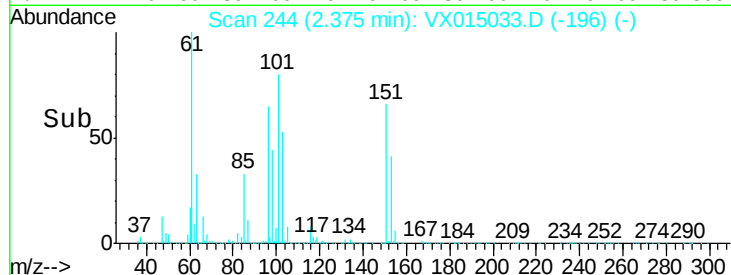
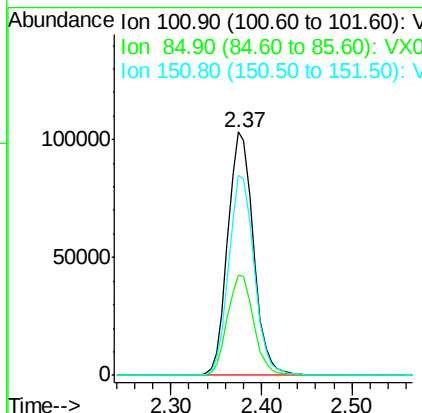
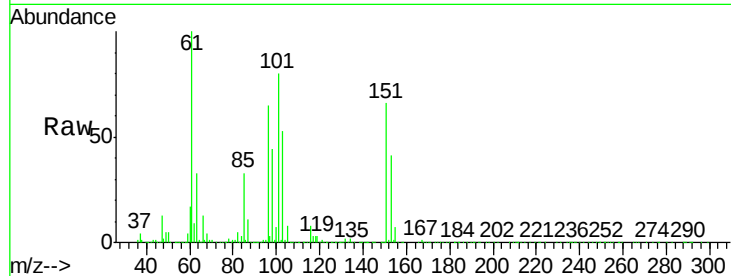
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	202557
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.1	51.1
151	82.2	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 44.484 ug/l

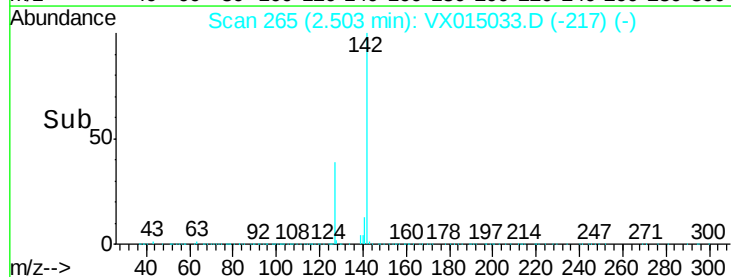
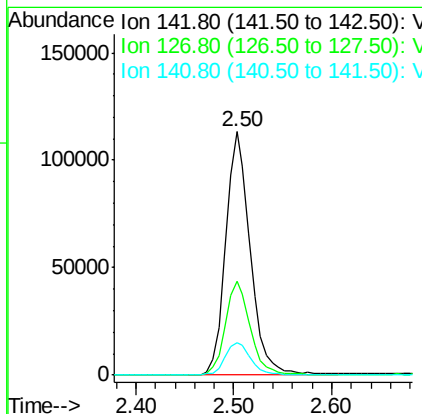
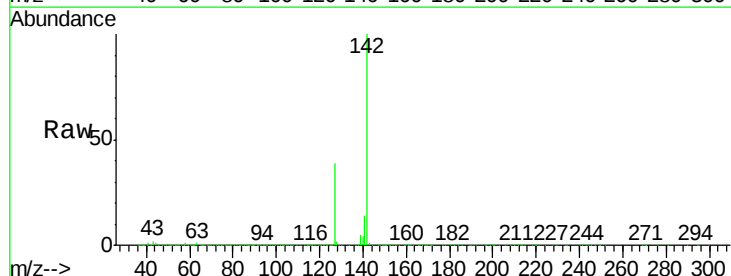
RT: 2.50 min Scan# 265

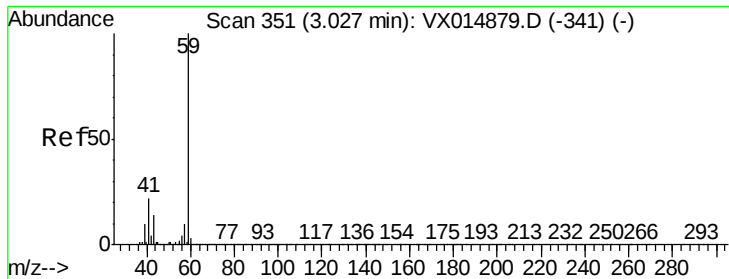
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	142	Resp:	196718
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.1	46.7
141	14.4	11.3	16.9





#11

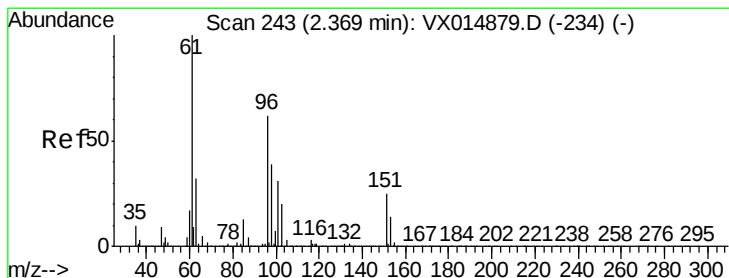
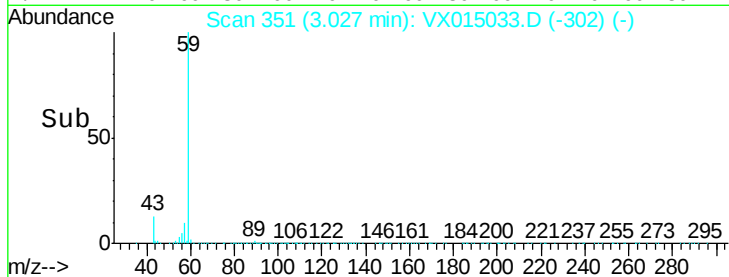
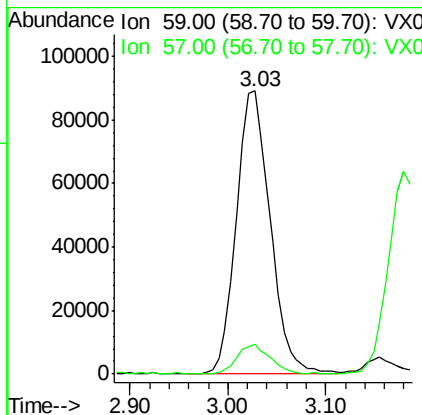
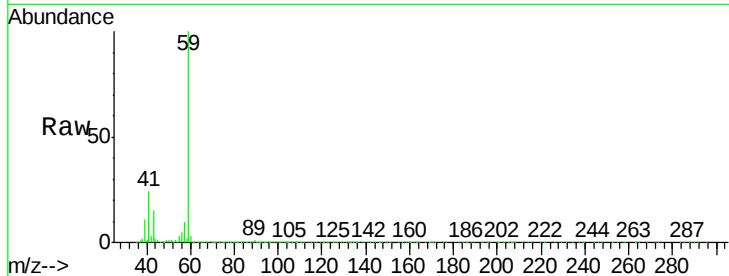
Tert butyl alcohol
Concen: 249.849 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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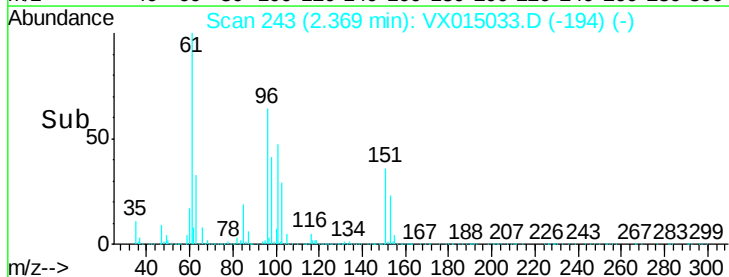
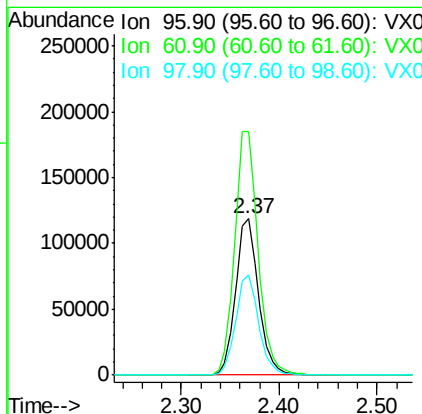
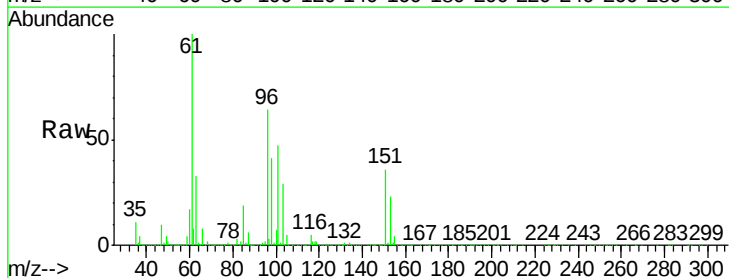
MMDadoda
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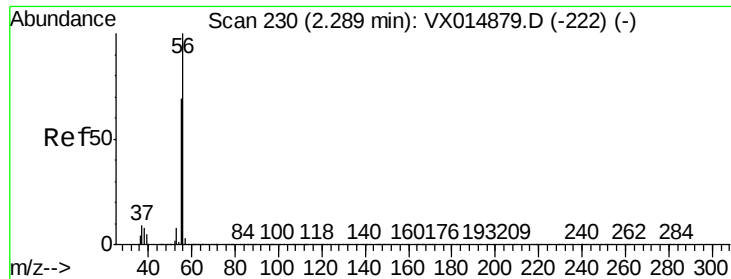


#12

1,1-Dichloroethene
Concen: 48.981 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.4	129.5	194.3
98	64.3	50.6	76.0





#13

Acrolein

Concen: 218.714 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 142159

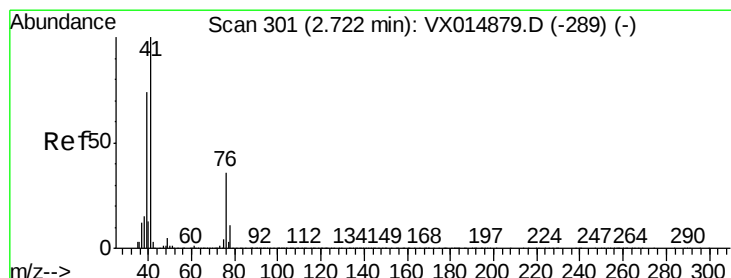
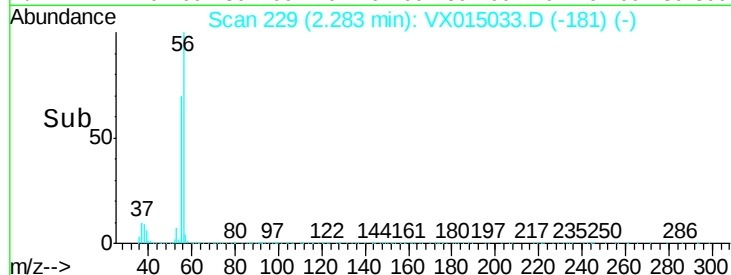
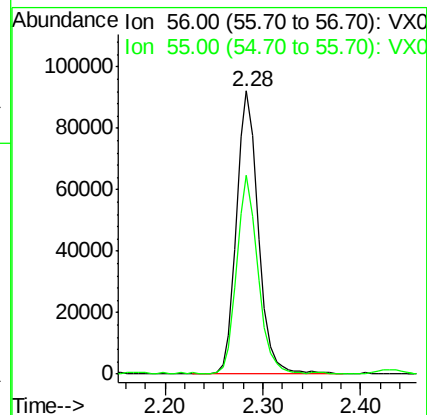
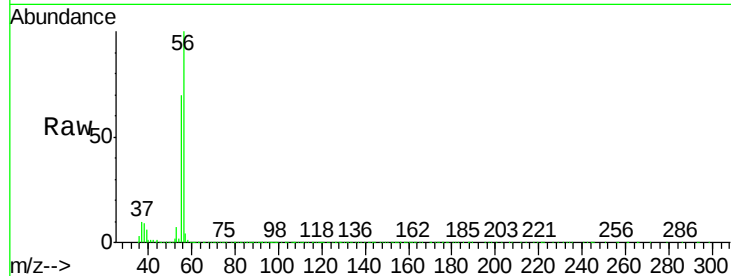
Ion Ratio Lower Upper

56 100

55 68.1 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 49.868 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

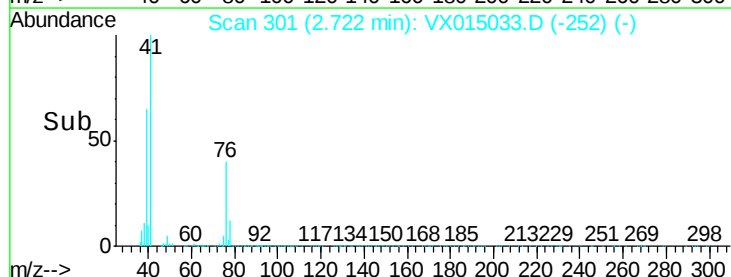
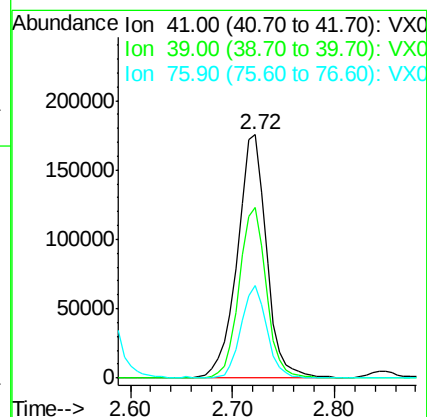
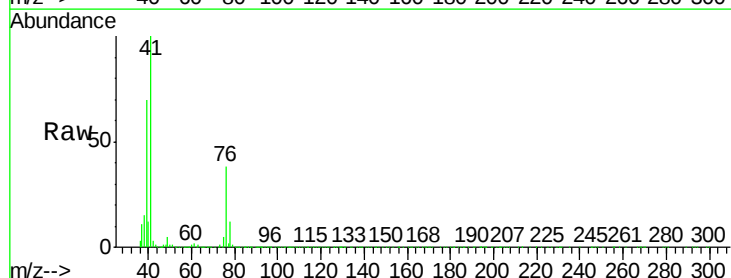
Tgt Ion: 41 Resp: 346832

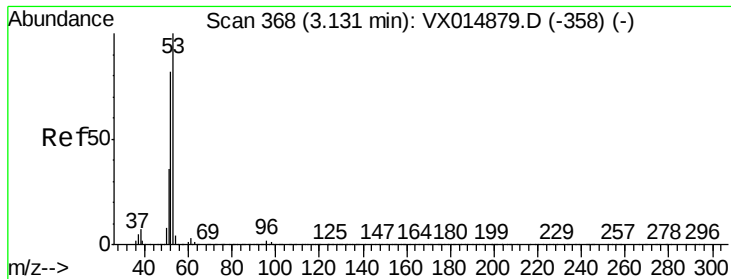
Ion Ratio Lower Upper

41 100

39 65.1 55.2 82.8

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 268.052 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

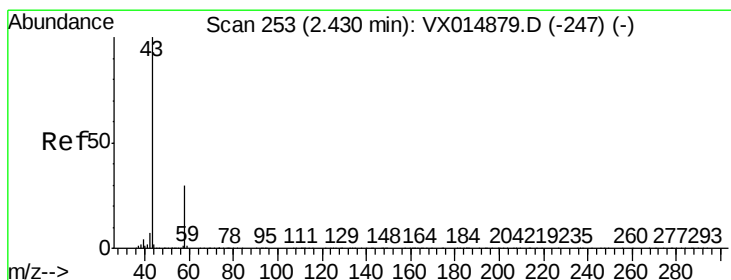
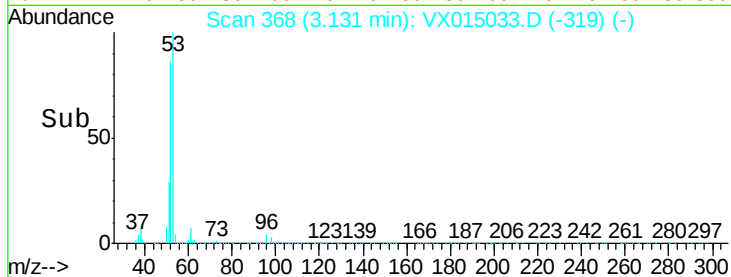
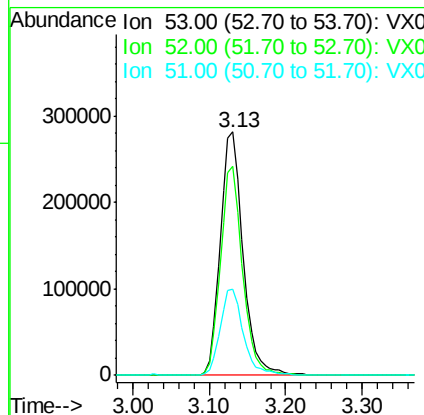
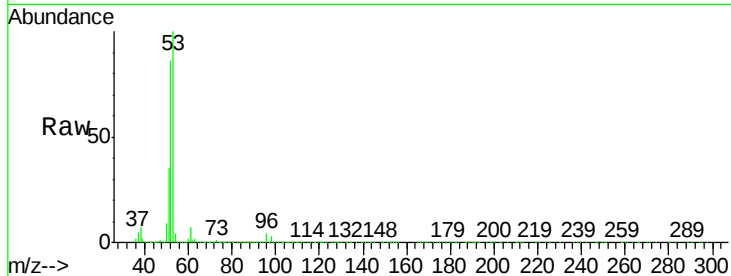
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	579510
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.0	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 281.127 ug/l

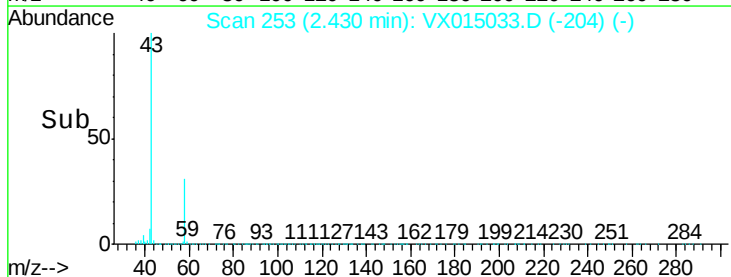
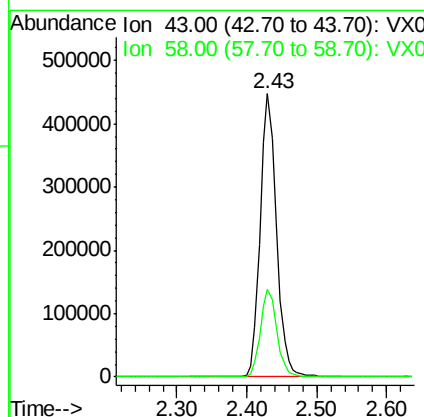
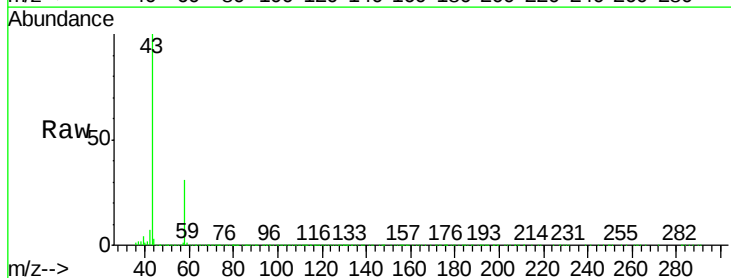
RT: 2.43 min Scan# 253

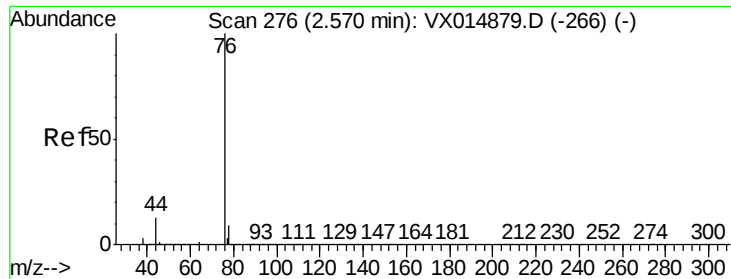
Delta R.T. 0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	43	Resp:	725870
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.1	36.1





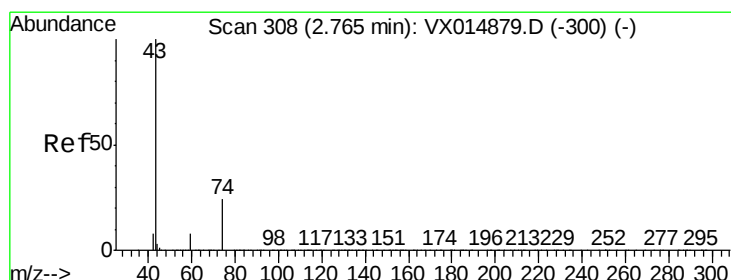
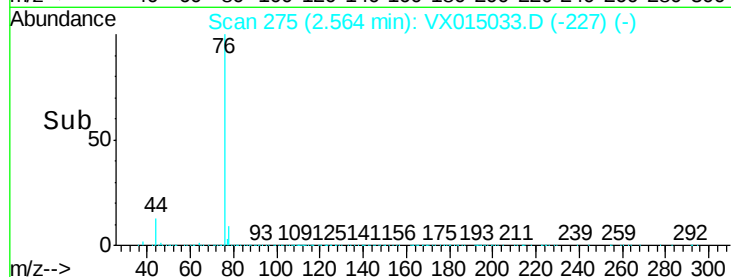
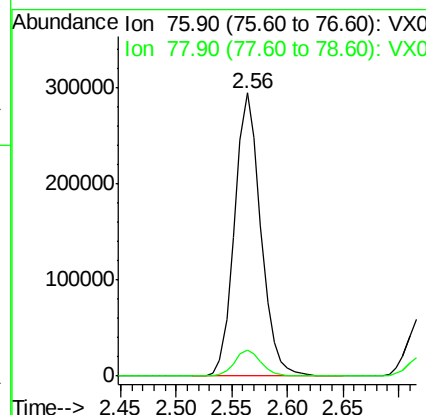
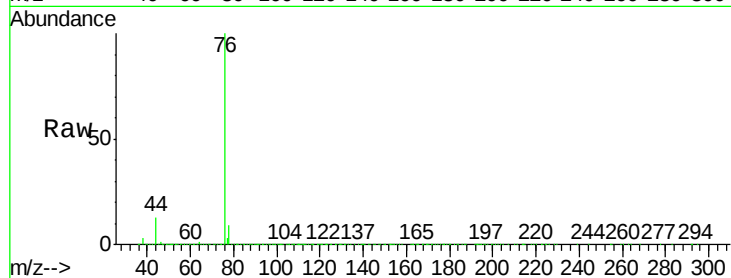
#17
Carbon Disulfide
Concen: 43.770 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

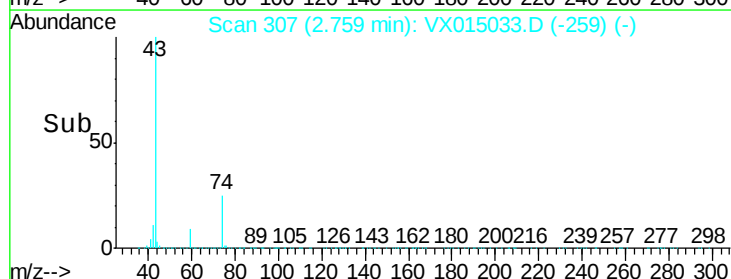
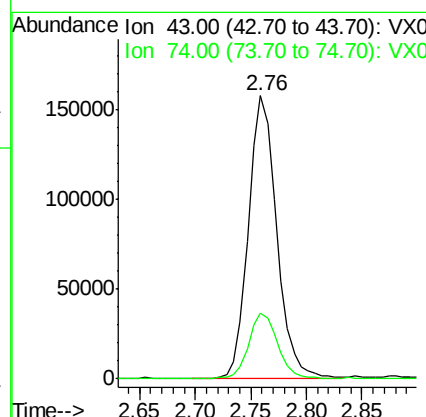
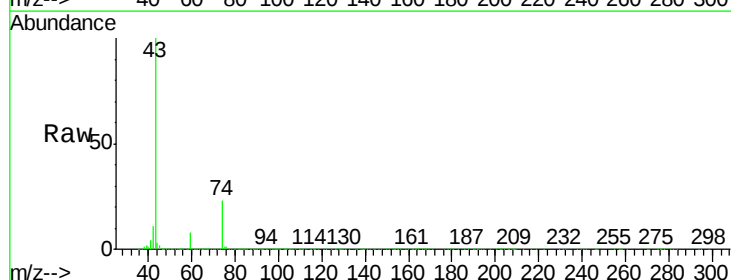
Manual Integrations
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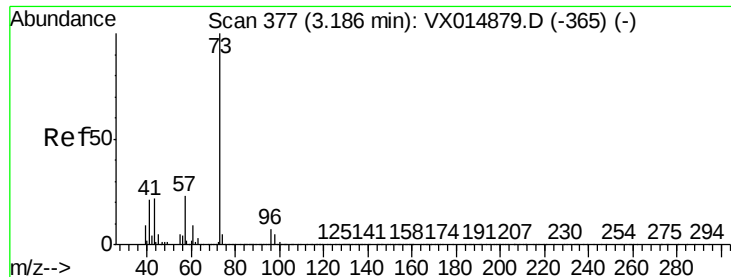
MMDadoda
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#18
Methyl Acetate
Concen: 57.103 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.0





#19

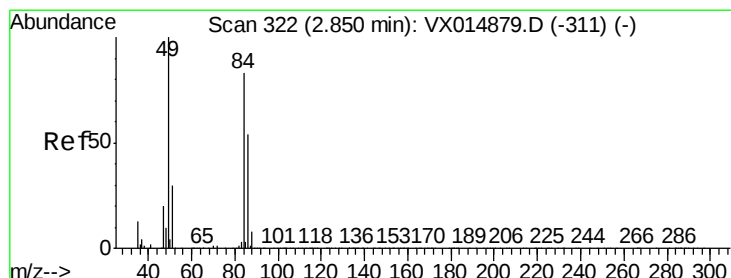
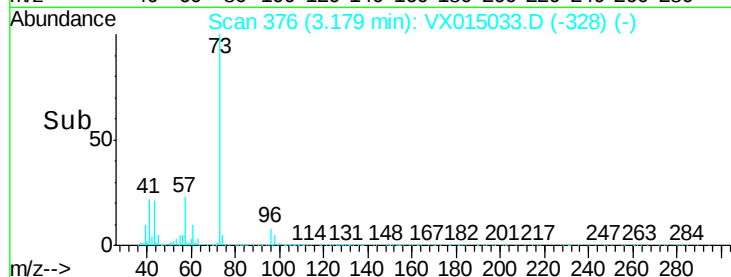
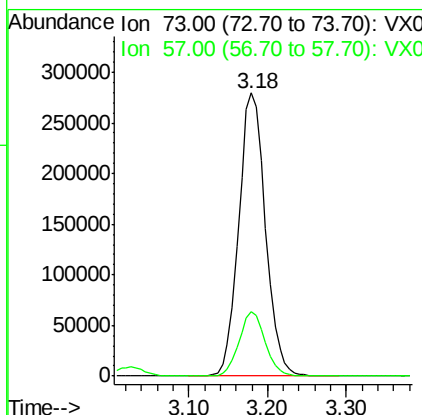
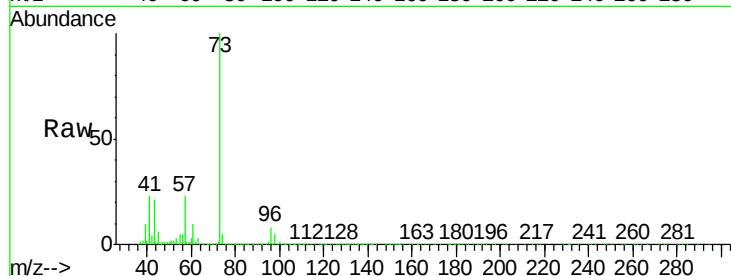
Methyl tert-butyl Ether
 Concen: 51.605 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.4

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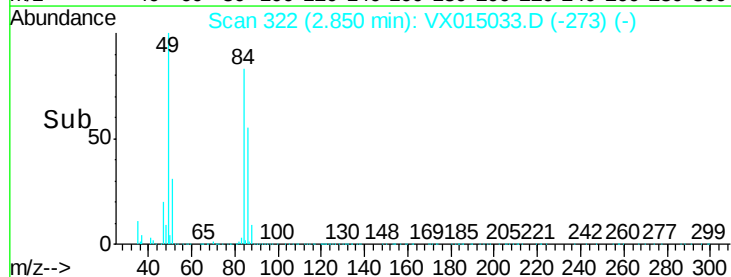
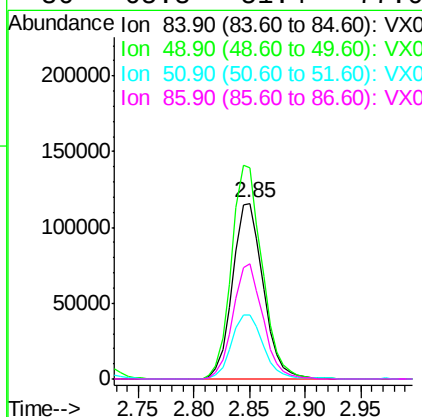
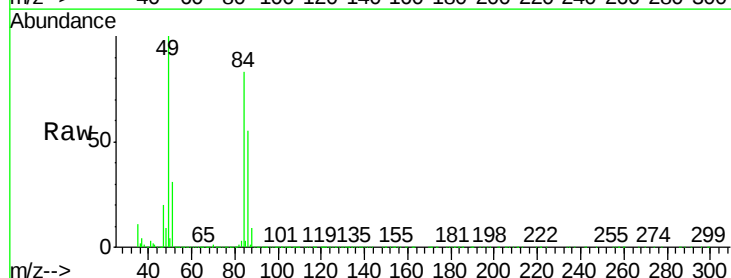
MMDadoda
 2/28/2020 11:28:31 AM

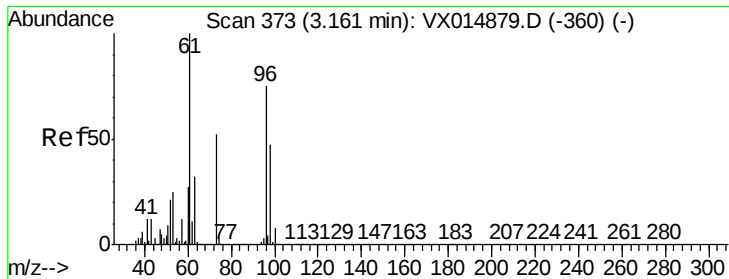


#20

Methylene Chloride
 Concen: 47.681 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.6	143.4
51	36.8	29.0	43.6
86	65.8	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 47.807 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

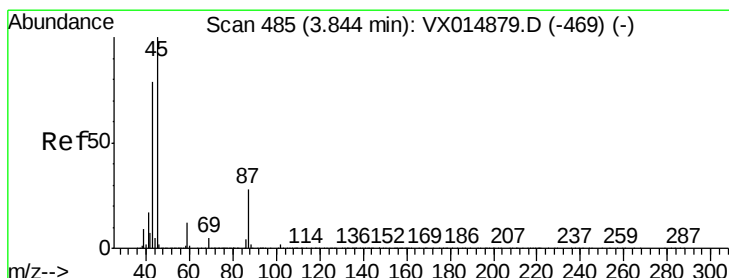
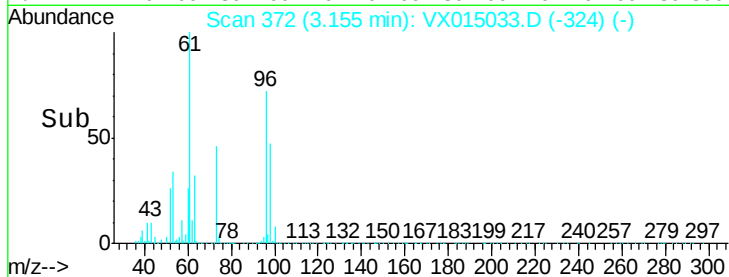
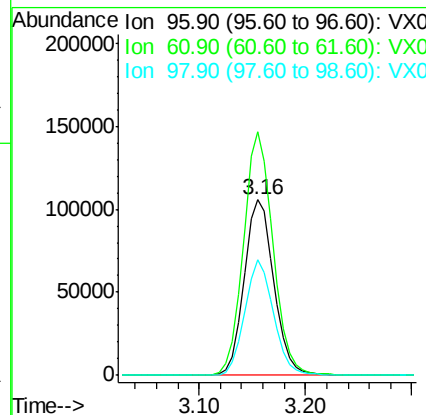
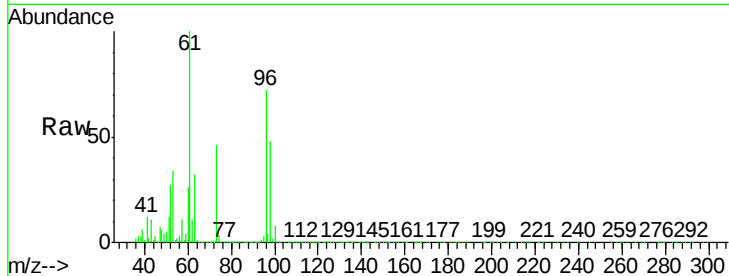
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	206933
Ion Ratio	Lower	Upper	
96	100		
61	138.8	106.9	160.3
98	66.0	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.287 ug/l

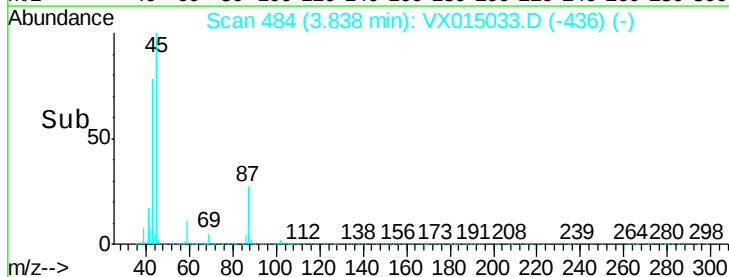
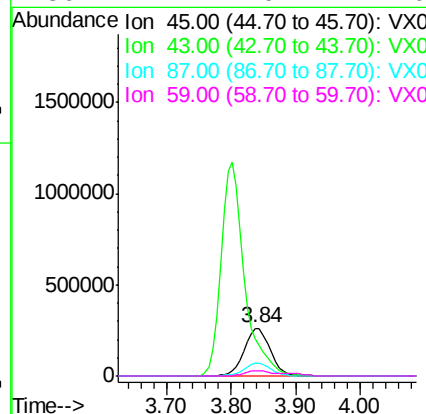
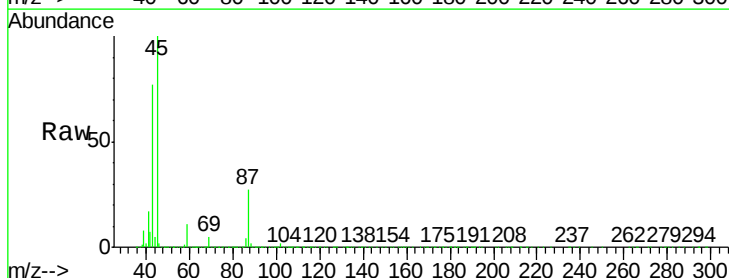
RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	45	Resp:	721117
Ion Ratio	Lower	Upper	
45	100		
43	77.4	63.5	95.3
87	26.9	22.2	33.4
59	11.1	9.4	14.0





#23

Vinyl Acetate

Concen: 274.969 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3010978

Ion Ratio Lower Upper

43 100

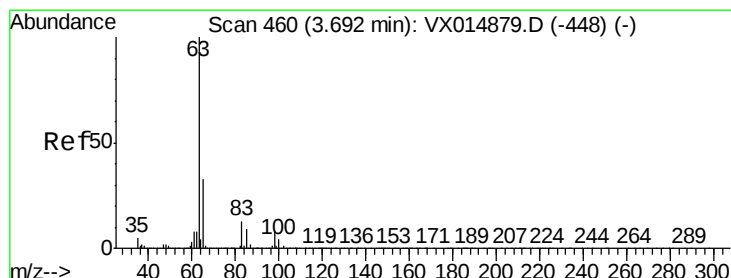
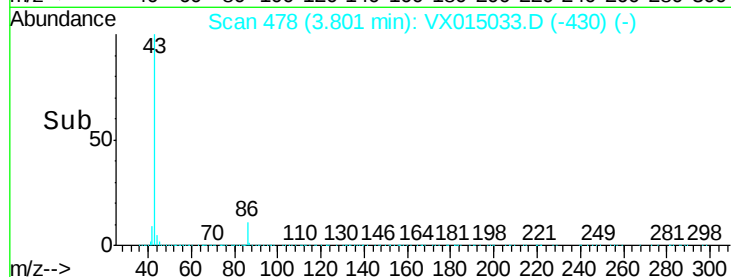
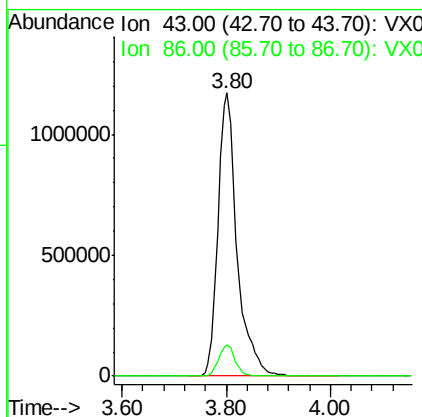
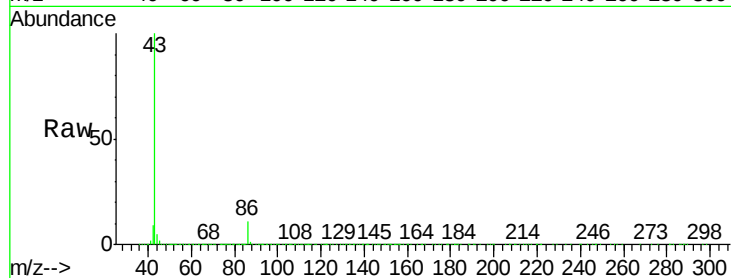
86 11.0 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.531 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

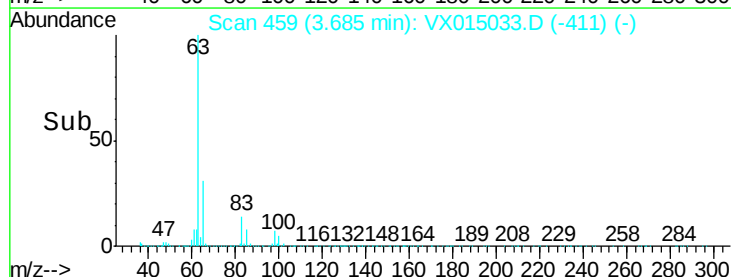
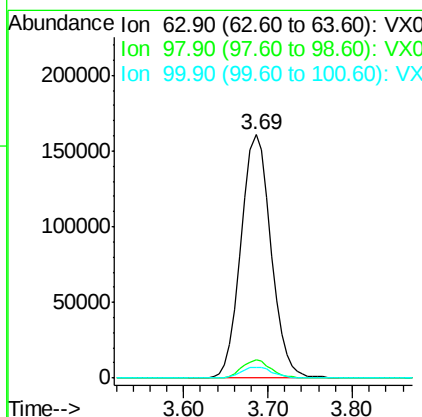
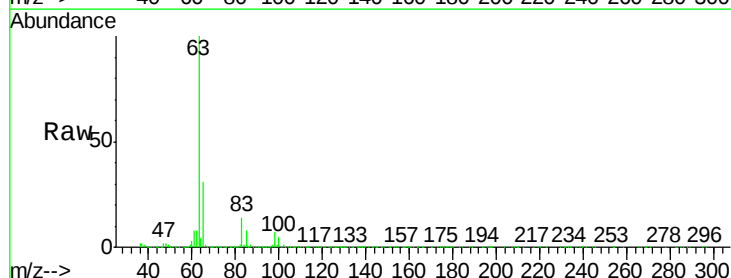
Tgt Ion: 63 Resp: 386324

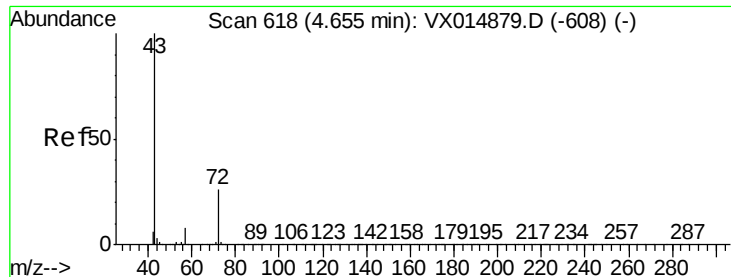
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 277.432 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 912270

Ion Ratio Lower Upper

43 100

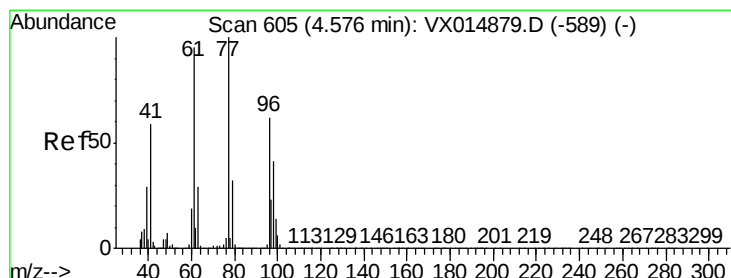
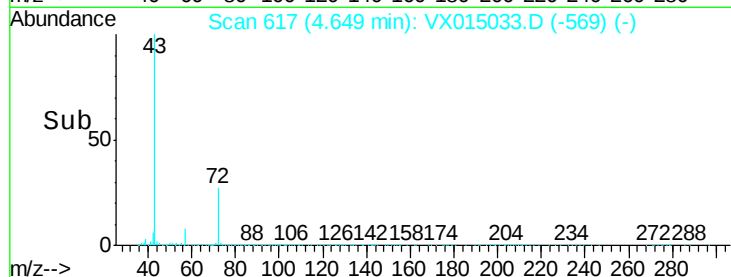
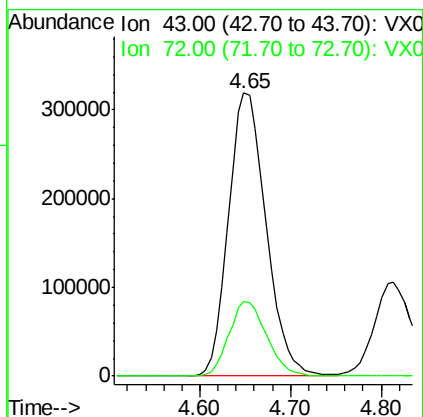
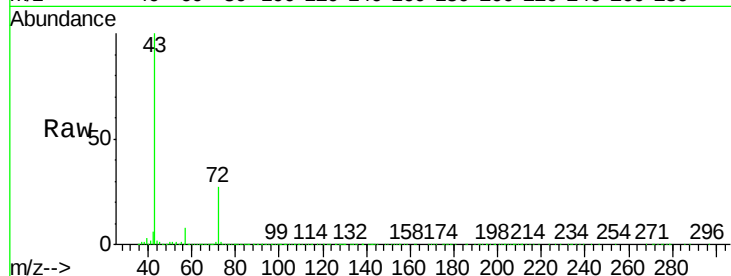
72 26.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.495 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015033.D

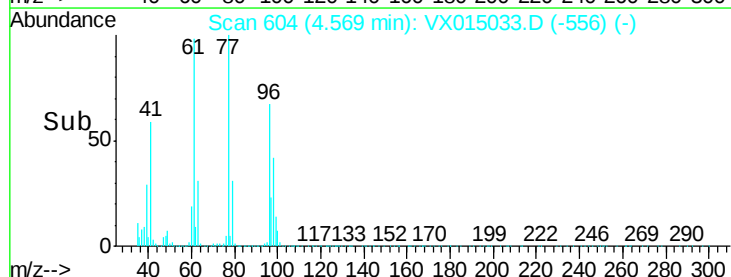
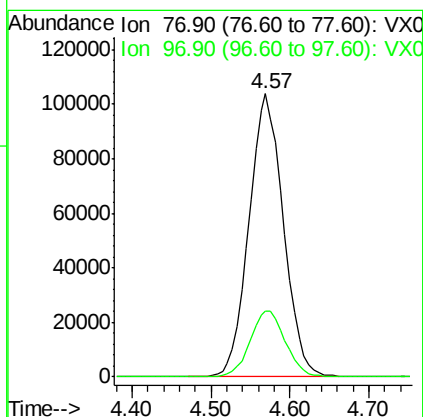
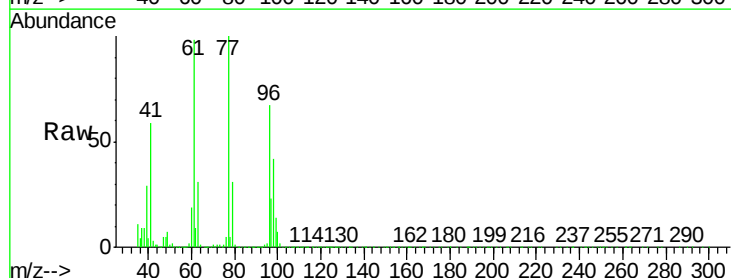
Acq: 27 Feb 2020 08:49

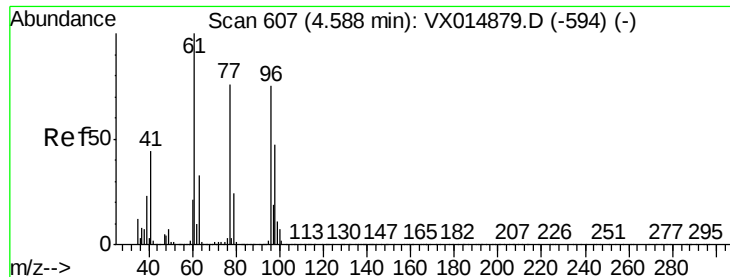
Tgt Ion: 77 Resp: 313318

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5





#27

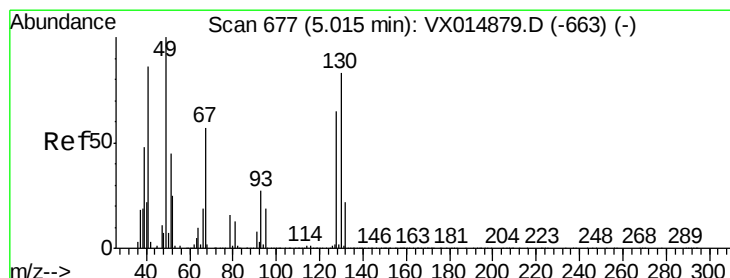
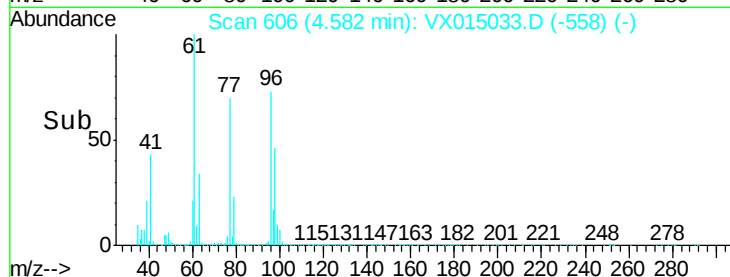
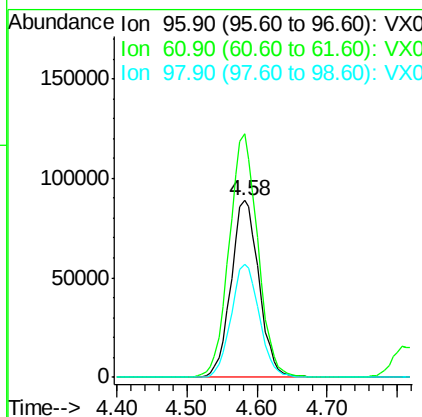
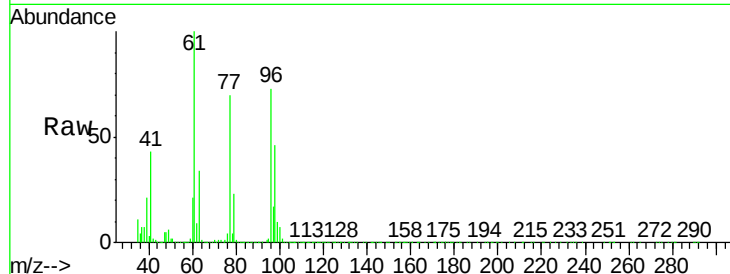
cis-1,2-Dichloroethene
Concen: 51.082 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	247165		
61	140.2	0.0	286.2	
98	64.4	0.0	131.0	

Manual Integrations
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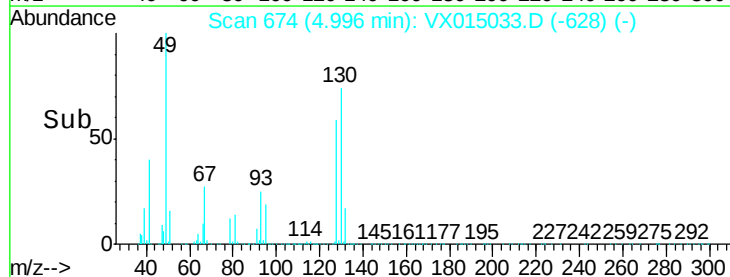
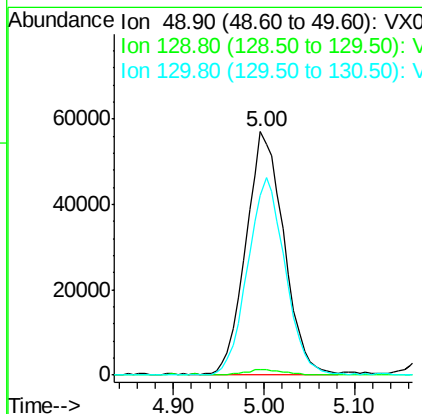
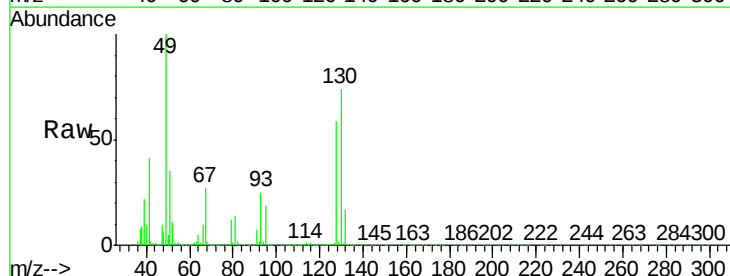
MMDadoda
2/28/2020 11:28:31 AM

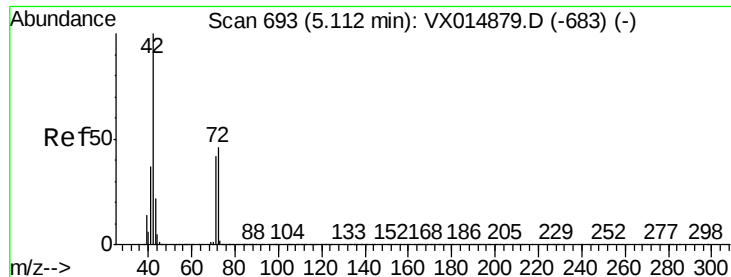


#28

Bromochloromethane
Concen: 56.445 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	164023		
129	2.5	0.0	5.2	
130	80.3	67.4	101.2	





#29

Tetrahydrofuran

Concen: 273.670 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

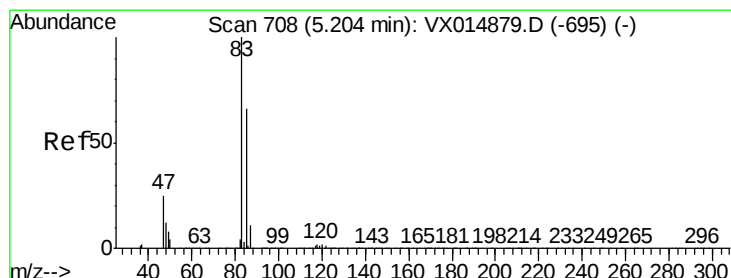
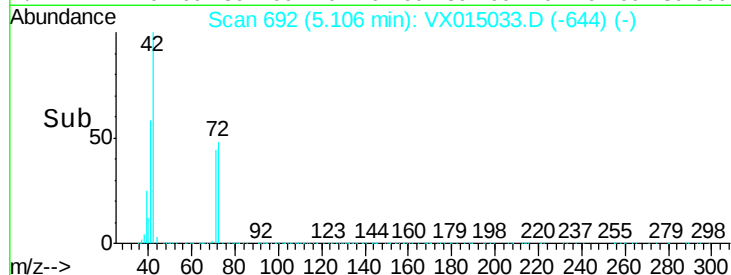
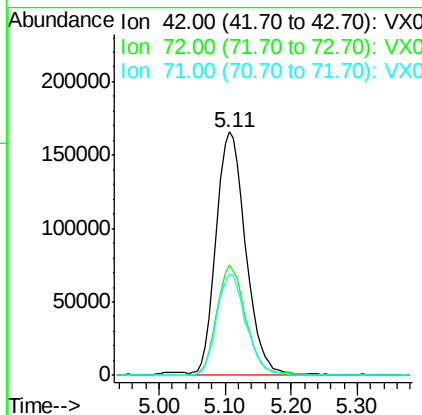
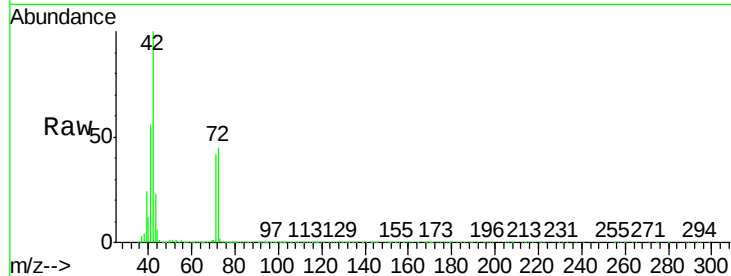
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	511563
Ion Ratio		Lower	Upper
42	100		
72	44.8	36.9	55.3
71	41.3	34.1	51.1

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#30

Chloroform

Concen: 51.838 ug/l

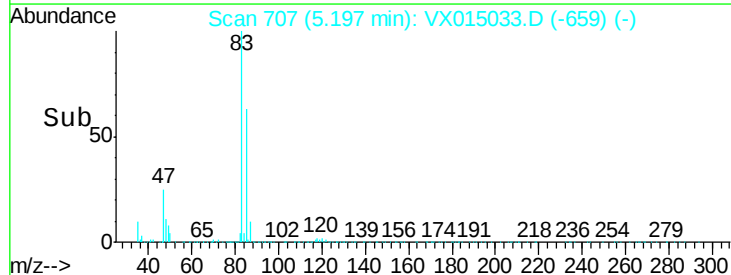
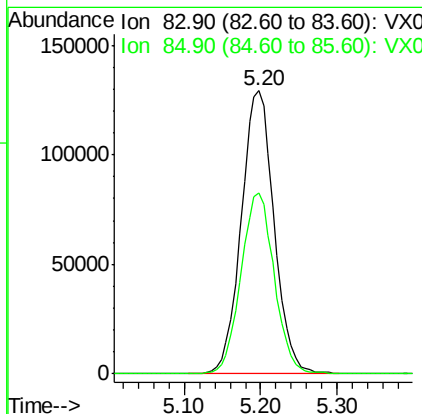
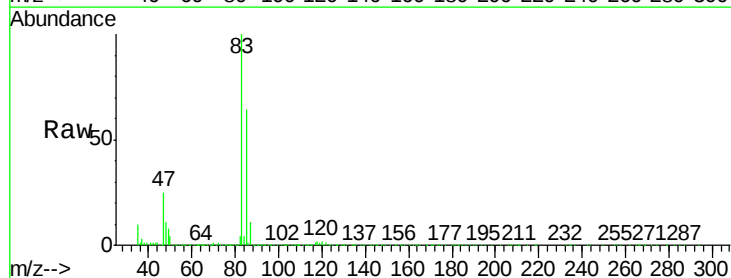
RT: 5.20 min Scan# 707

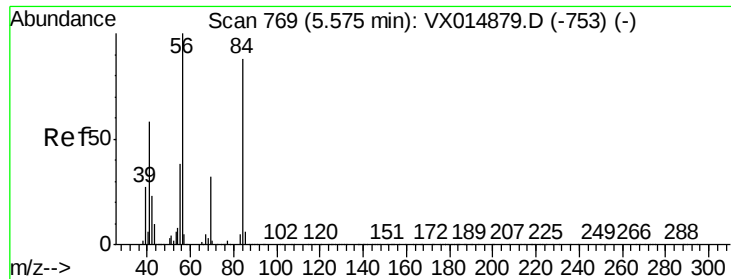
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	83	Resp:	385573
Ion Ratio		Lower	Upper
83	100		
85	63.8	52.9	79.3





#31

Cyclohexane

Concen: 49.235 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

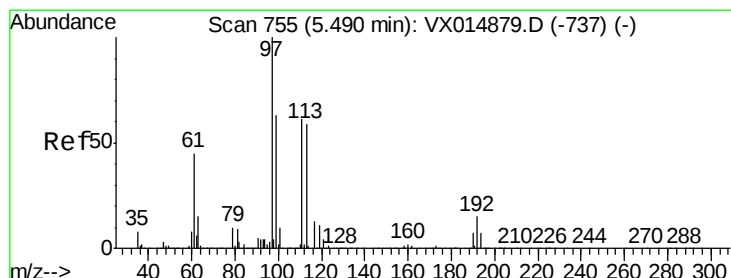
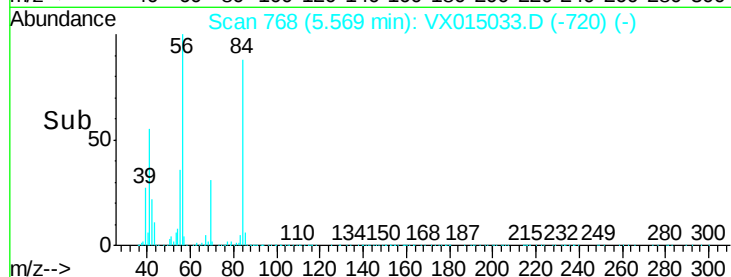
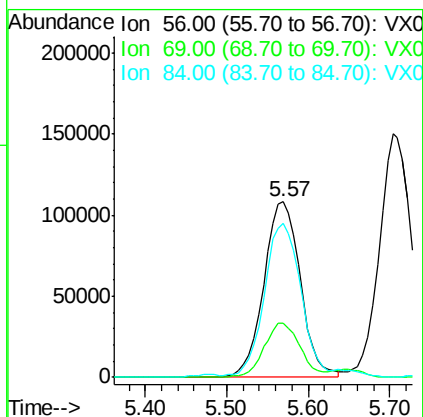
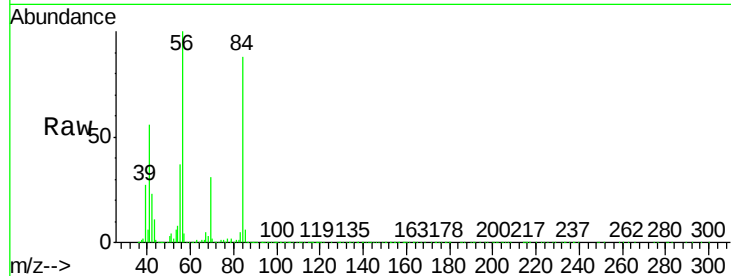
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	25.9	38.9
84	87.4	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.430 ug/l

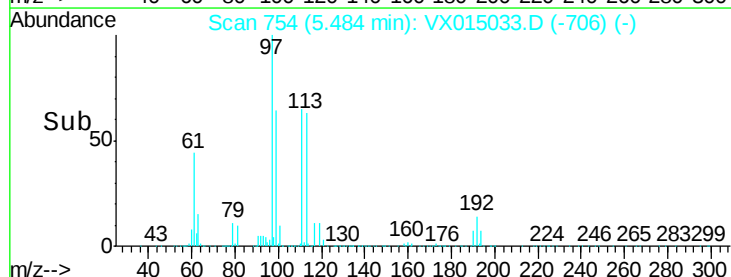
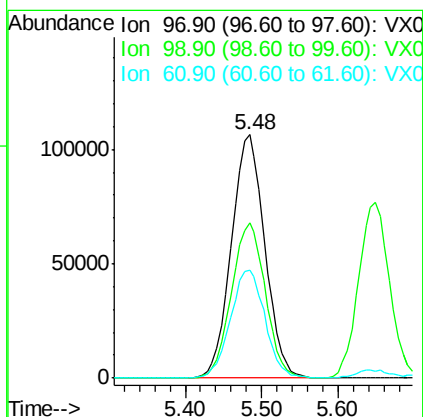
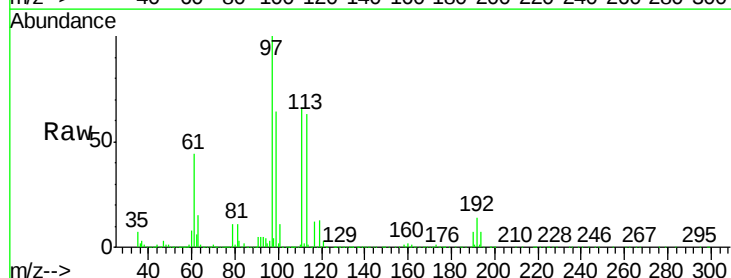
RT: 5.48 min Scan# 754

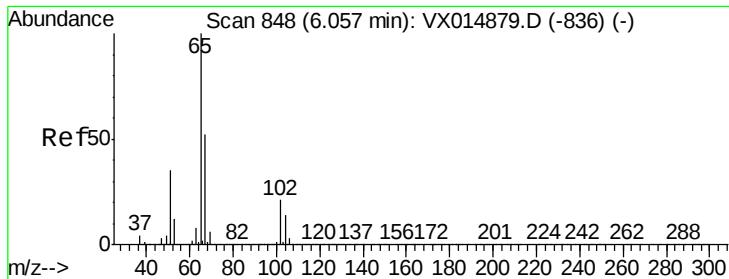
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.6
61	45.5	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 46.558 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

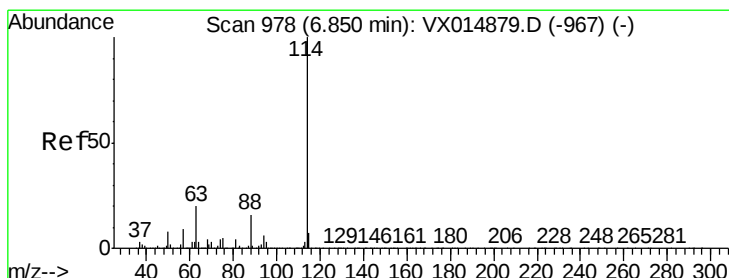
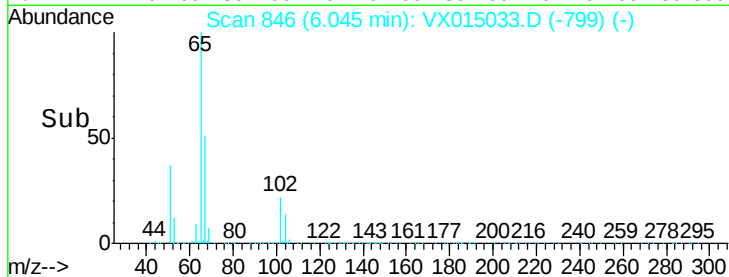
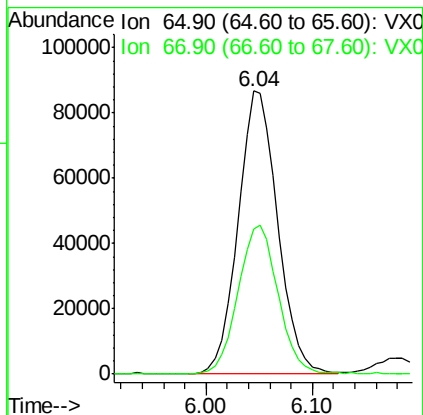
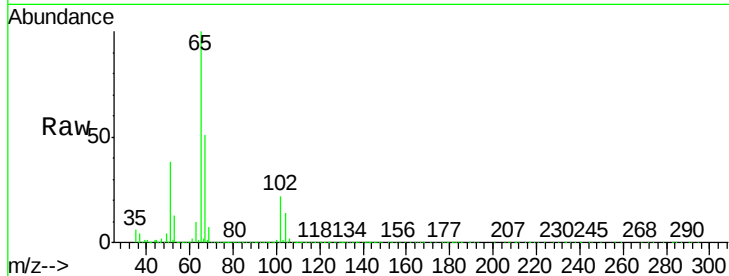
Tot Ion: 65 Resp: 224875
Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015033.D

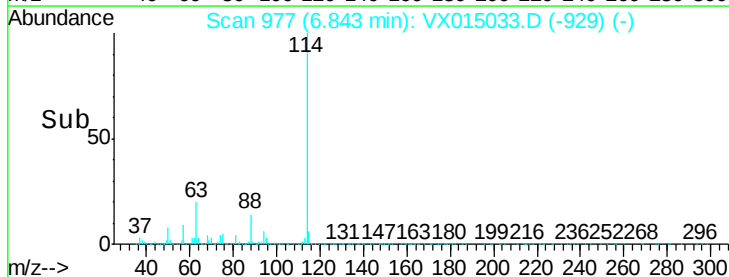
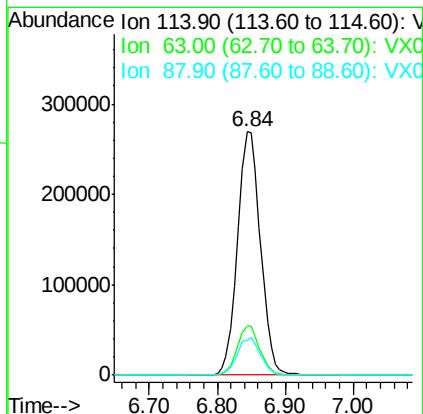
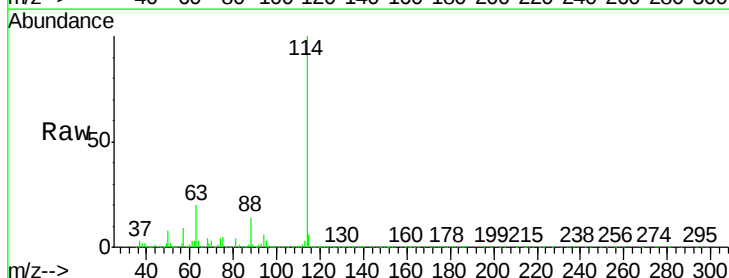
Acq: 27 Feb 2020 08:49

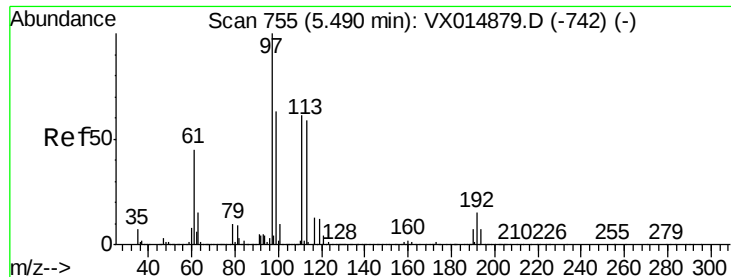
Tgt Ion: 114 Resp: 633282
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 14.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.040 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

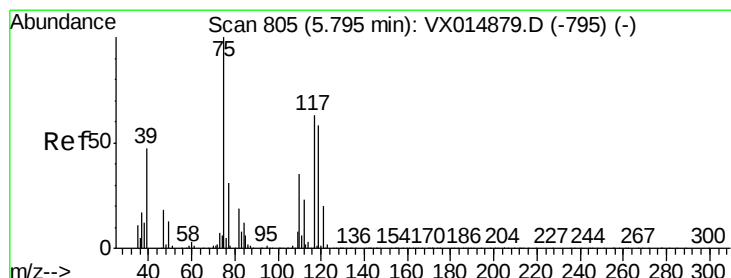
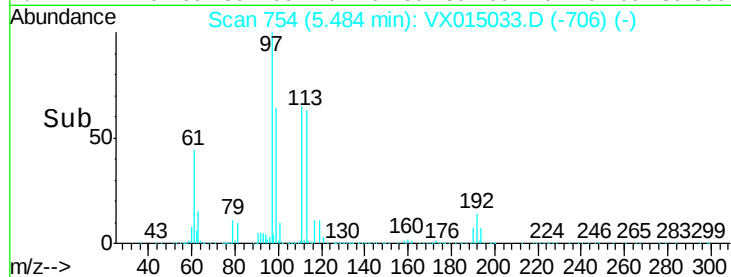
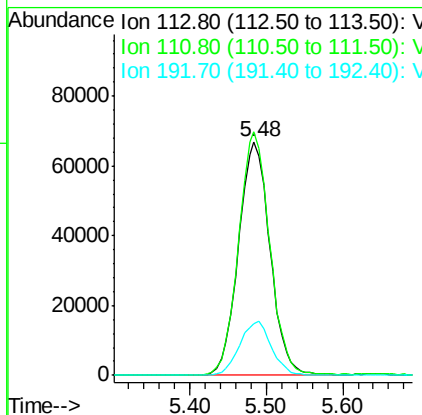
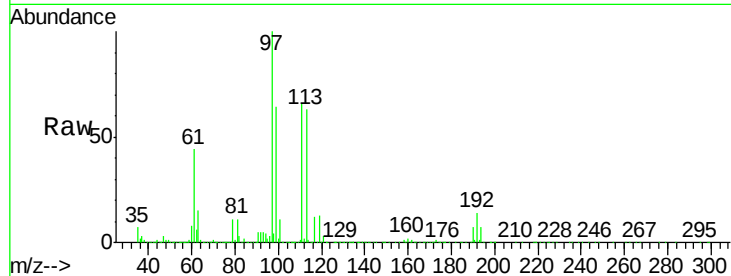
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	190926
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	23.3	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 50.771 ug/l

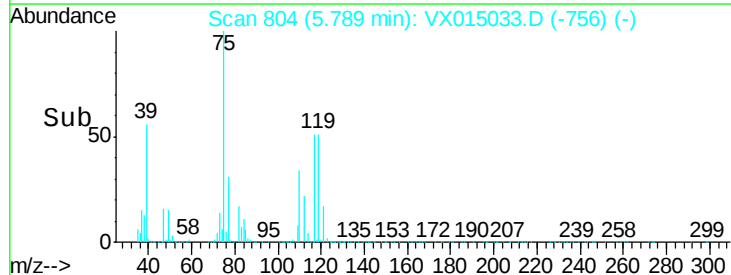
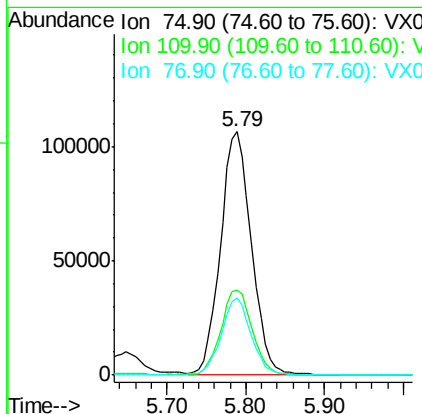
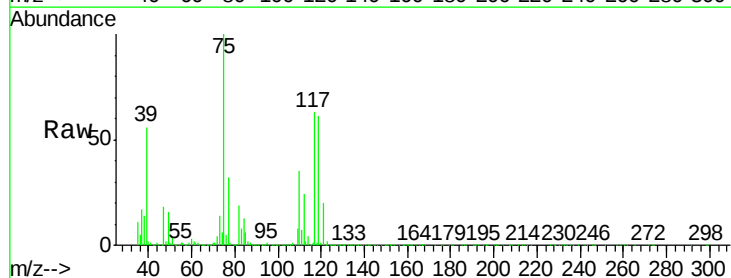
RT: 5.79 min Scan# 804

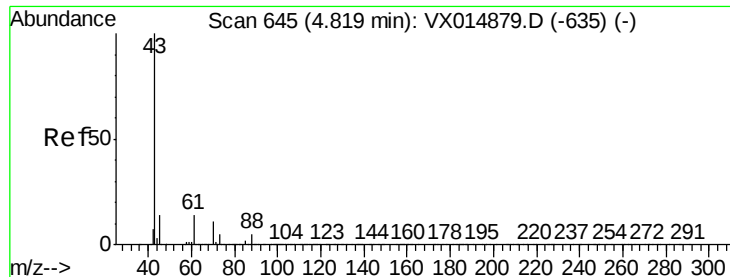
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	75	Resp:	287615
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.3	54.8
77	30.7	24.6	36.8





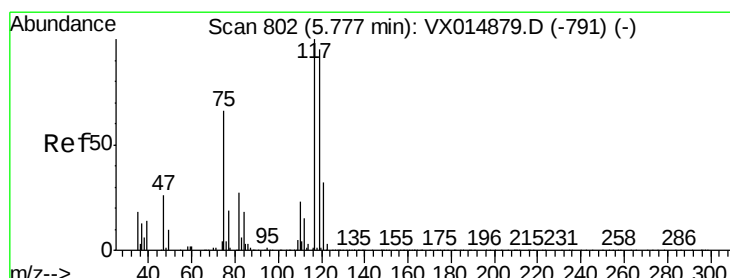
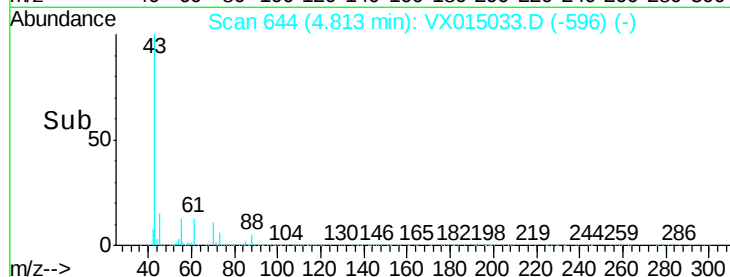
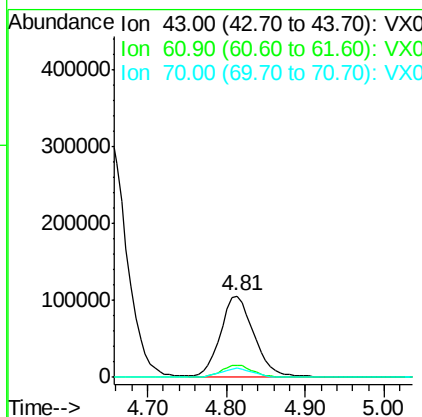
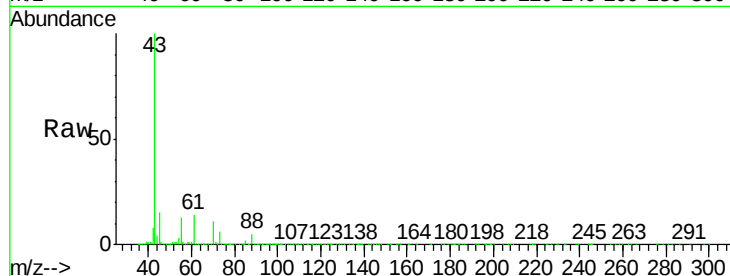
#37
Ethyl Acetate
Concen: 52.490 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	310133
Ion Ratio	Lower	Upper	
43	100		
61	14.0	10.9	16.3
70	10.7	8.7	13.1

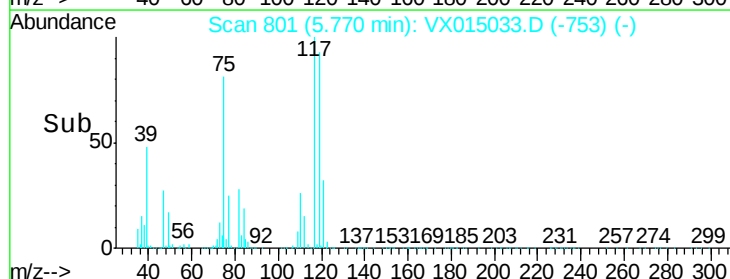
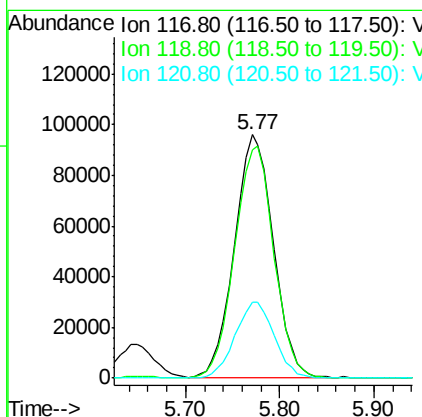
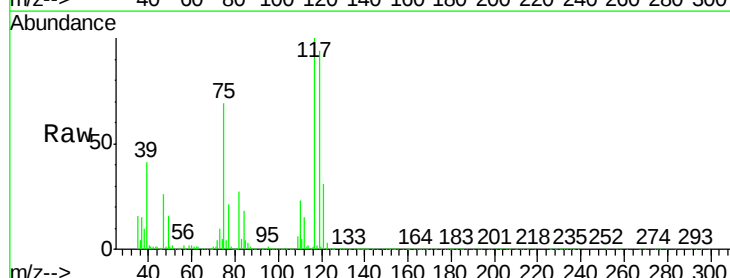
Manual Integrations
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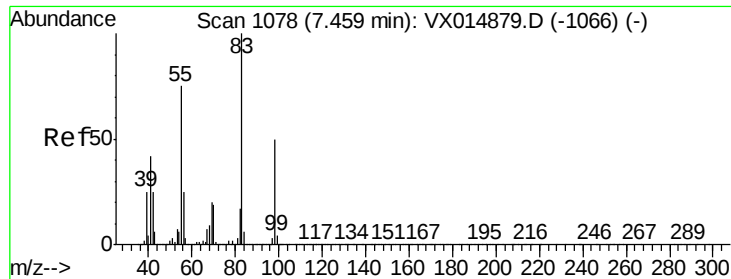
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#38
Carbon Tetrachloride
Concen: 50.108 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	117	Resp	276630
Ion Ratio	Lower	Upper	
117	100		
119	93.6	76.0	114.0
121	31.2	25.4	38.2





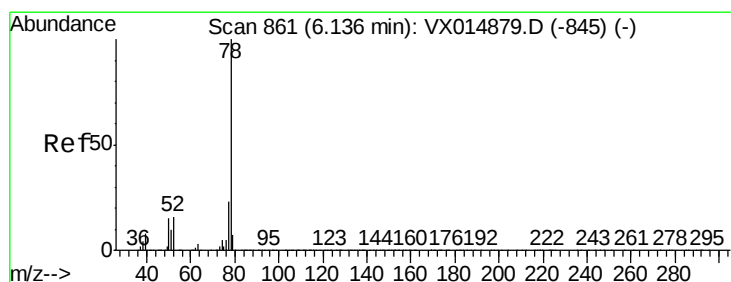
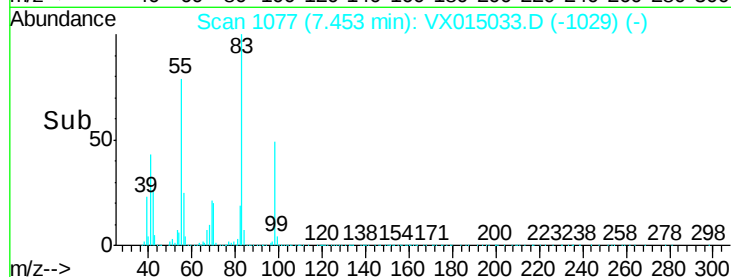
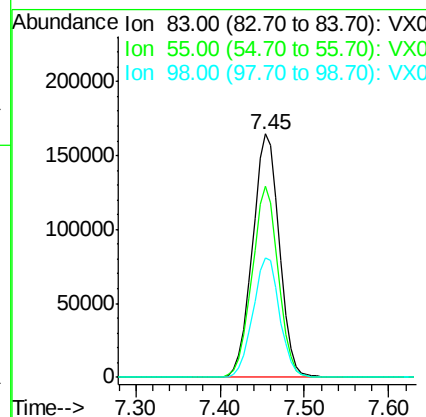
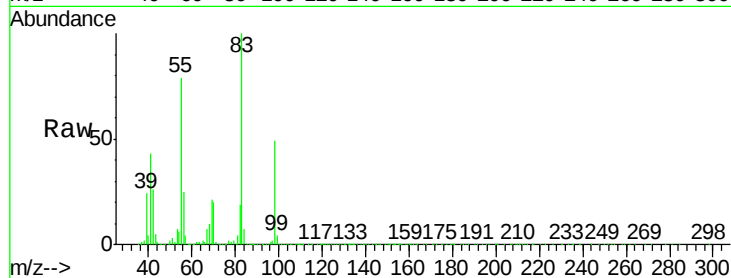
#39
Methvlcvclohexane
Concen: 50.415 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	60.0	90.0
98	49.1	39.6	59.4

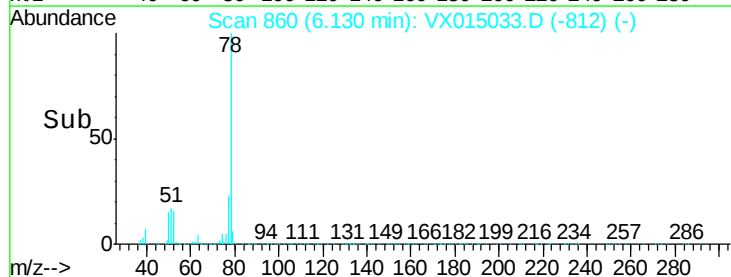
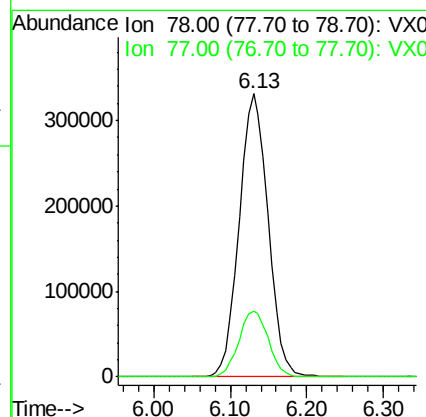
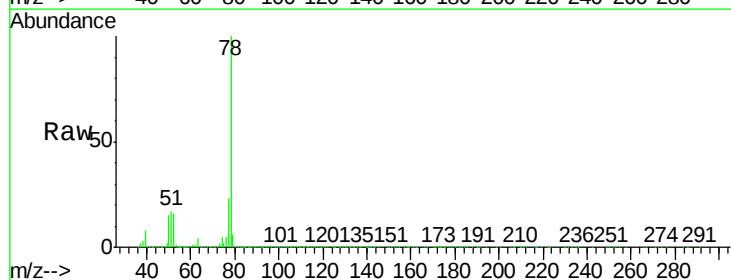
Manual Integrations
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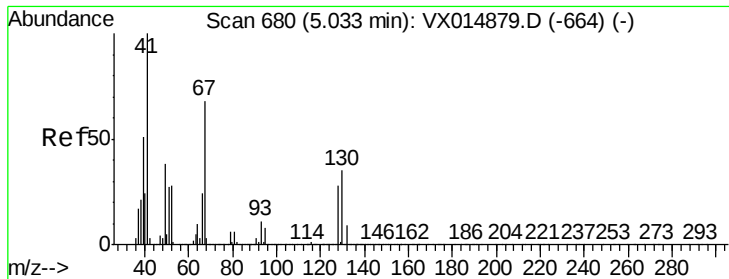
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#40
Benzene
Concen: 51.178 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 55.361 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

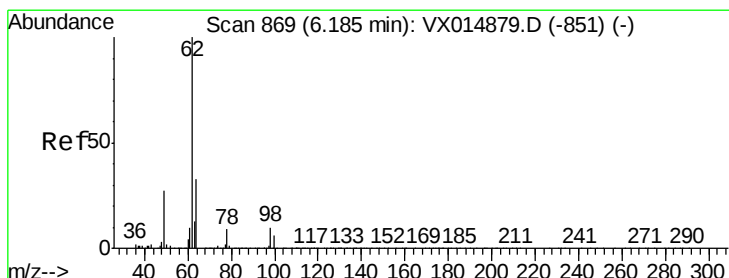
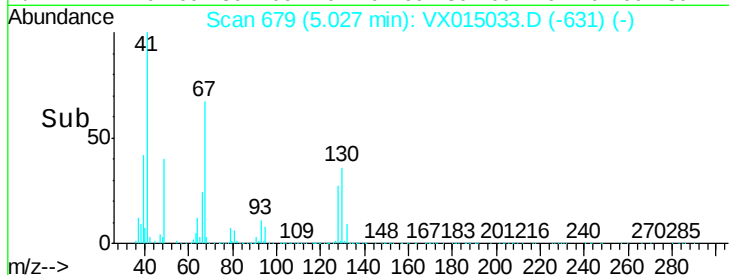
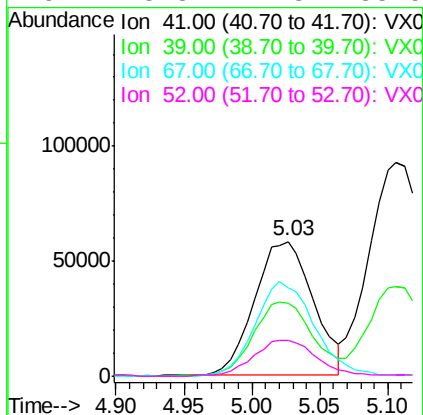
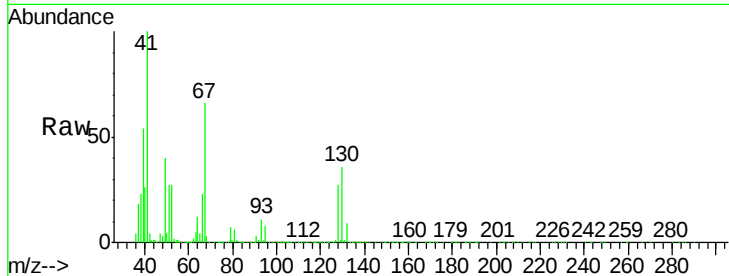
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	44.7	67.1	
67	70.8	56.6	84.8	
52	28.3	22.3	33.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.419 ug/l

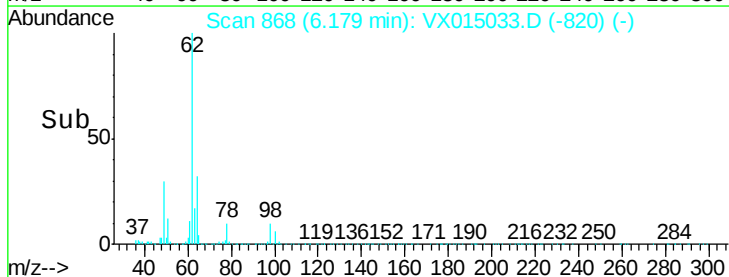
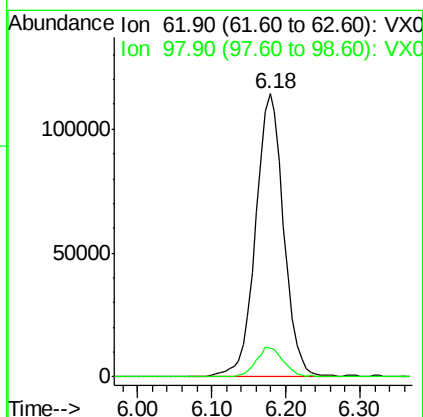
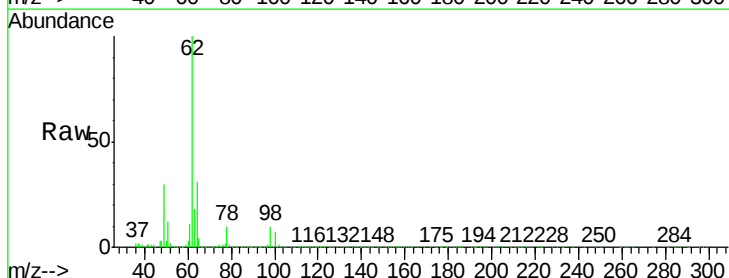
RT: 6.18 min Scan# 868

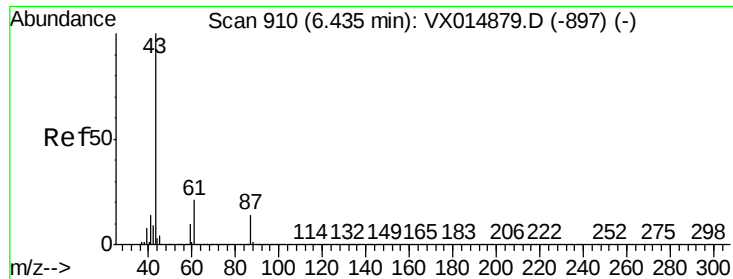
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.2	





#43

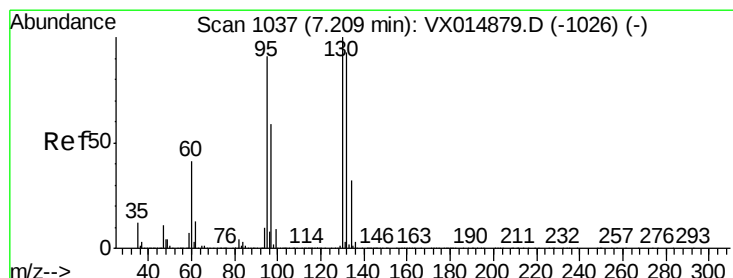
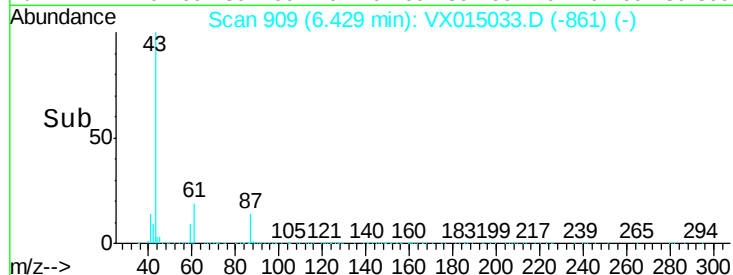
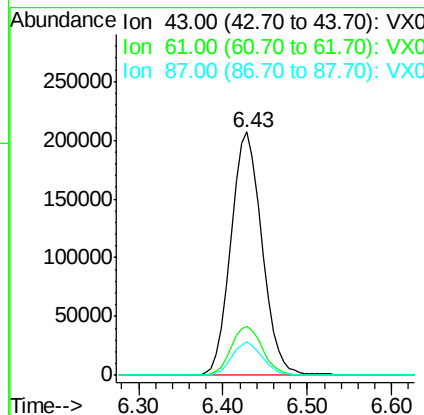
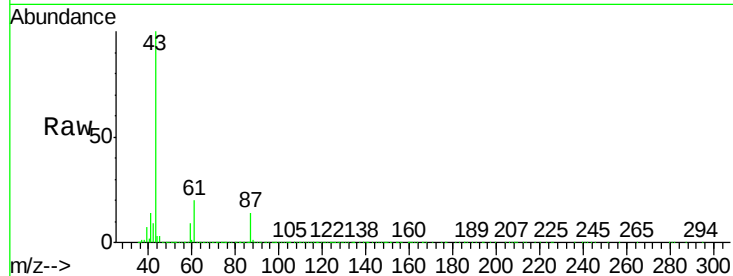
Isopropyl Acetate
 Concen: 52.920 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.3	11.0	16.6

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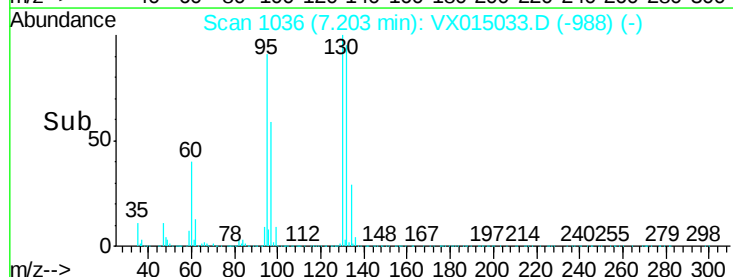
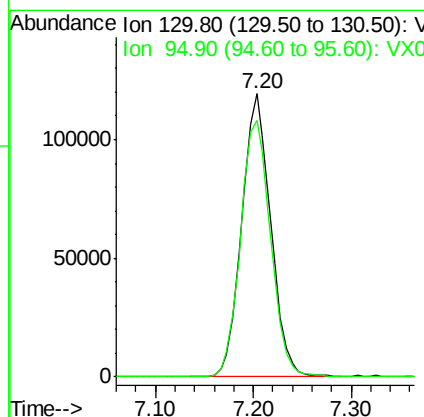
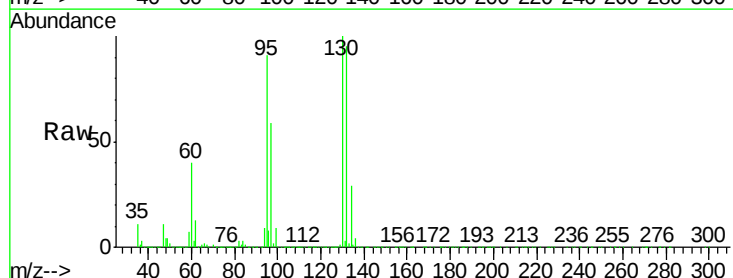
MMDadoda
 2/28/2020 11:28:31 AM

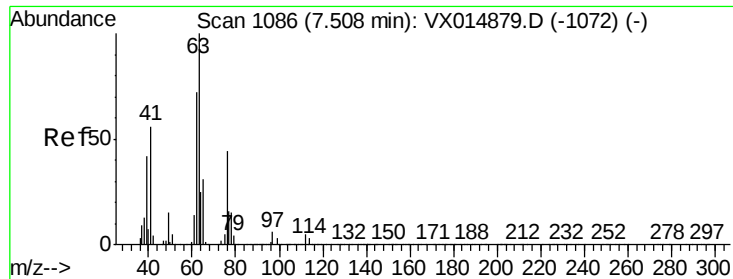


#44

Trichloroethene
 Concen: 49.717 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	182.6





#45

1,2-Dichloropropane

Concen: 53.353 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 230302

Ion Ratio Lower Upper

63 100

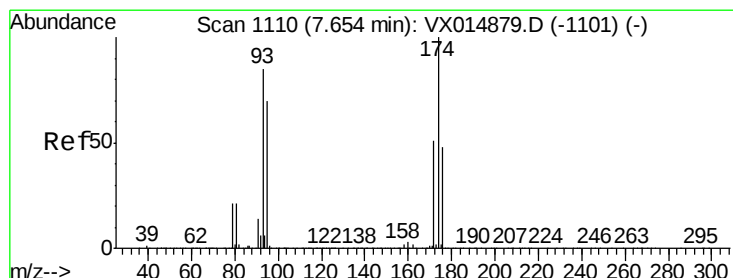
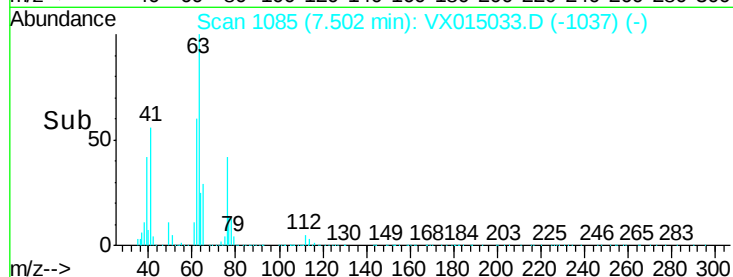
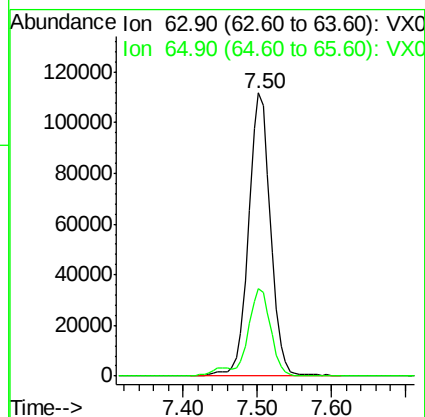
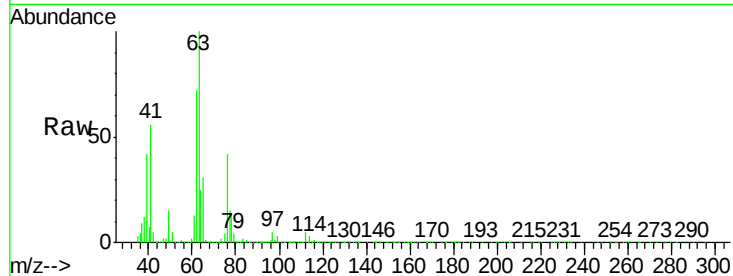
65 30.6 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 50.406 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

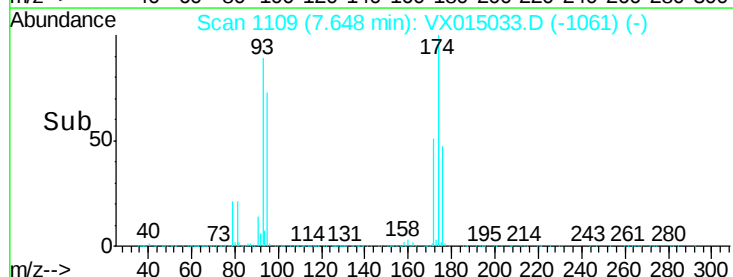
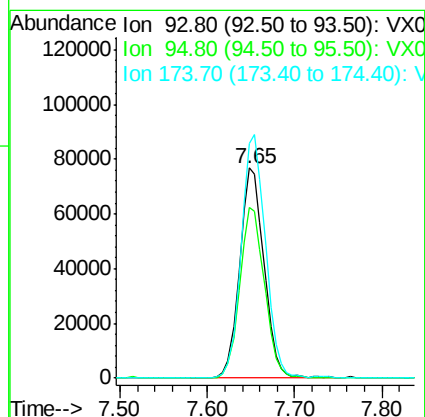
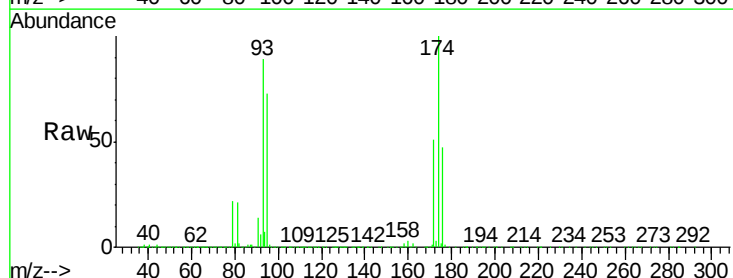
Tgt Ion: 93 Resp: 148730

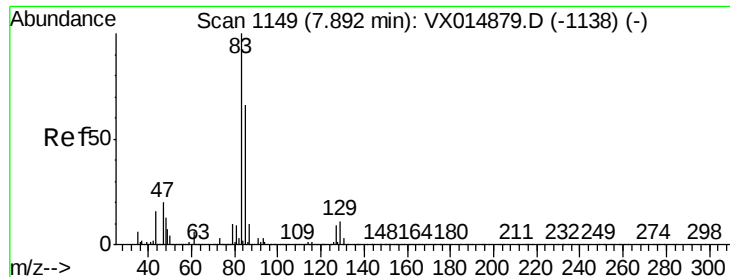
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 115.1 95.4 143.2





#47

Bromodichloromethane

Concen: 52.189 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

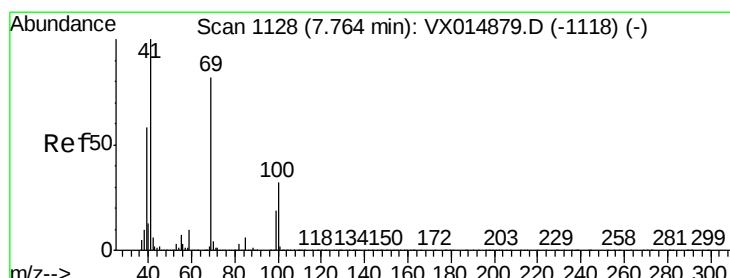
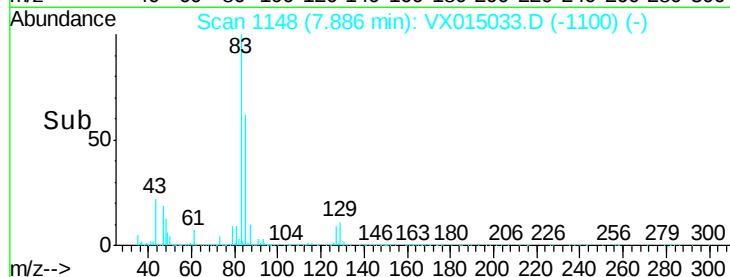
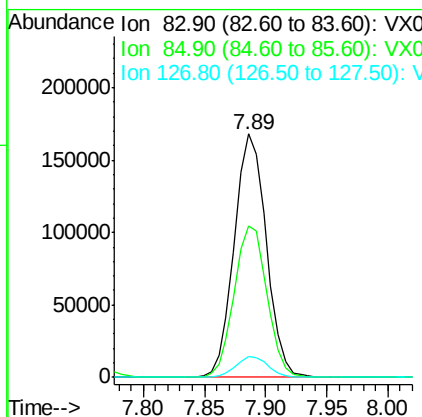
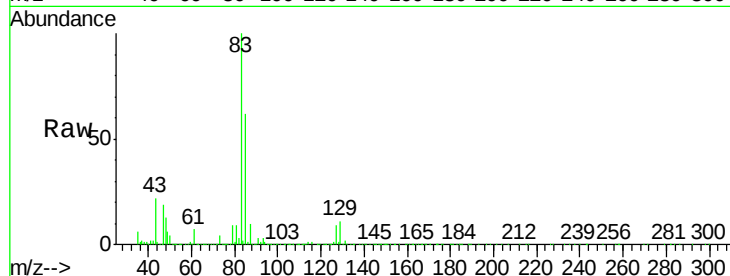
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	305326
Ion Ratio	Lower	Upper	
83	100		
85	61.9	52.5	78.7
127	8.5	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.685 ug/l

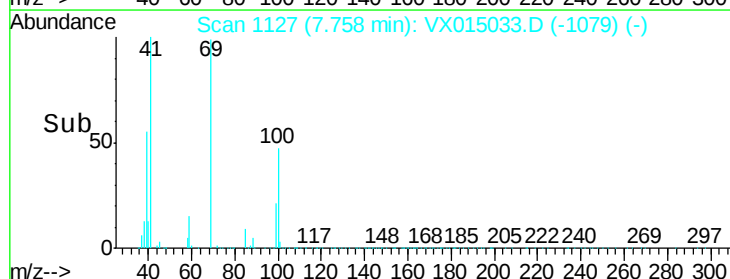
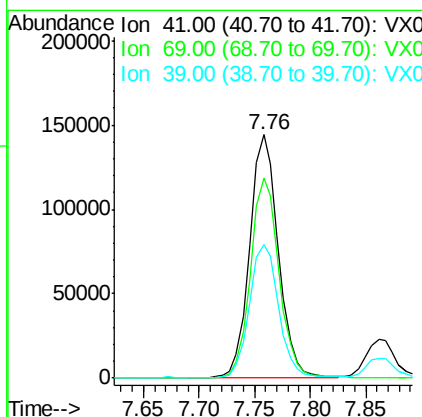
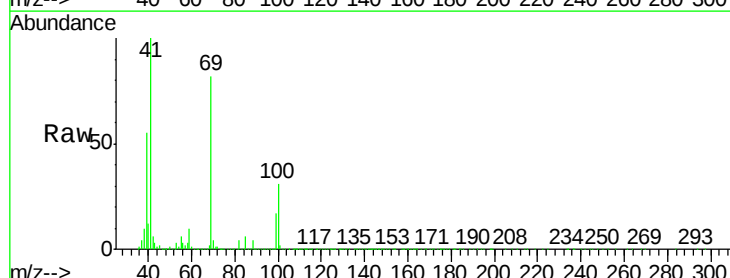
RT: 7.76 min Scan# 1127

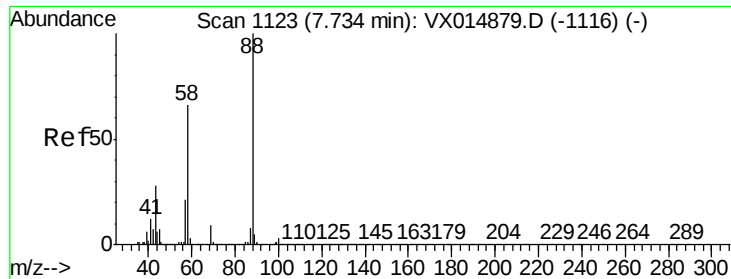
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	41	Resp:	257509
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.7	98.5
39	56.0	45.8	68.8





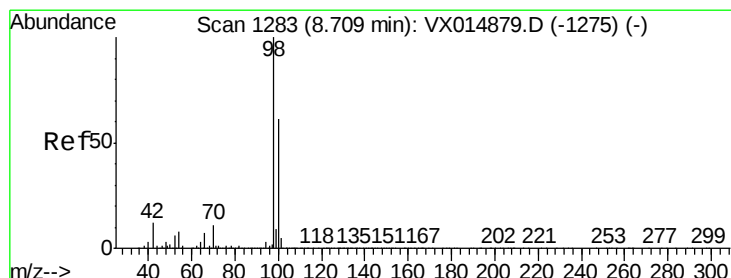
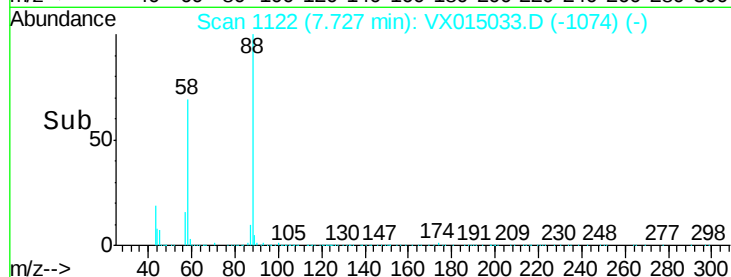
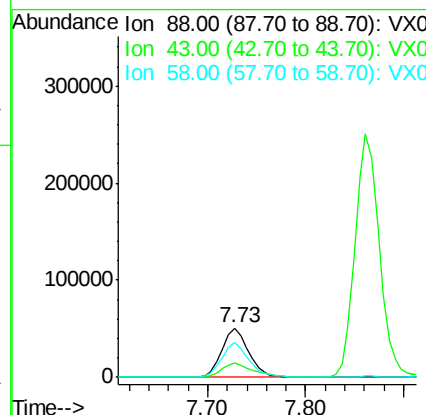
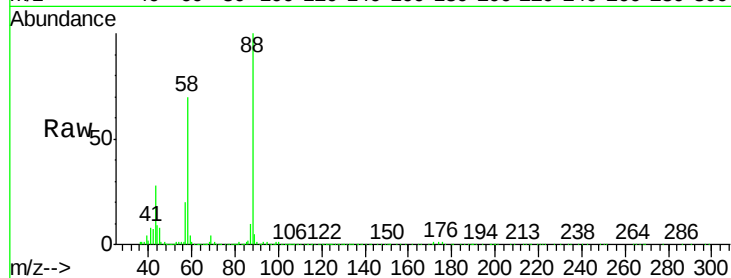
#49
1,4-Dioxane
Concen: 1056.337 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	72.0	53.2	79.8

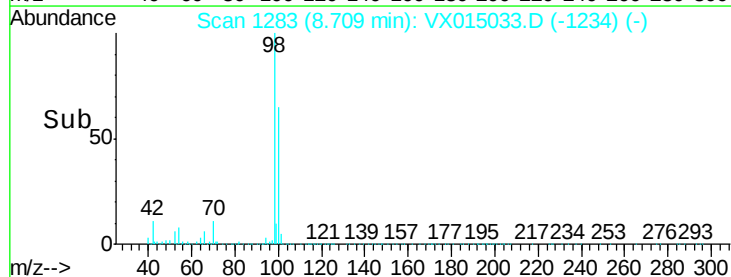
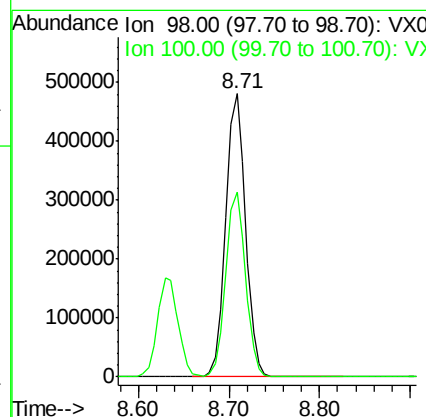
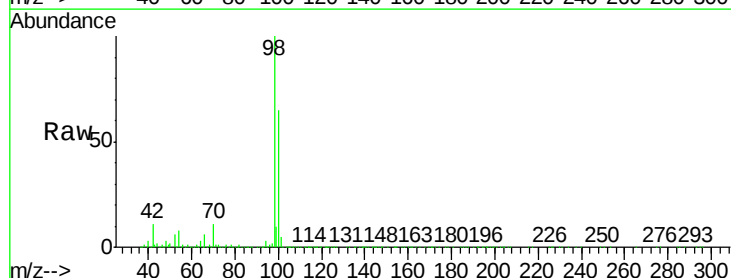
Manual Integrations
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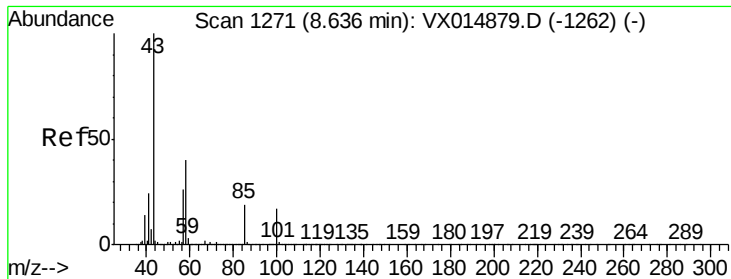
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#50
Toluene-d8
Concen: 49.244 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 274.433 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1615109

Ion Ratio Lower Upper

43 100

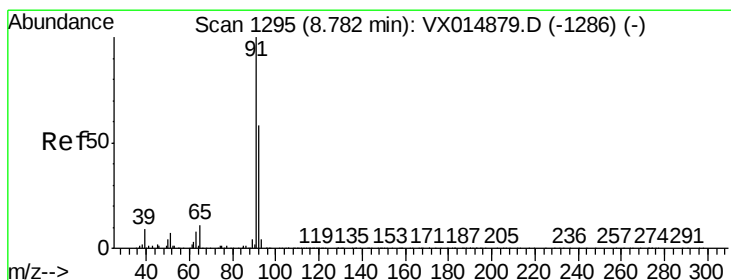
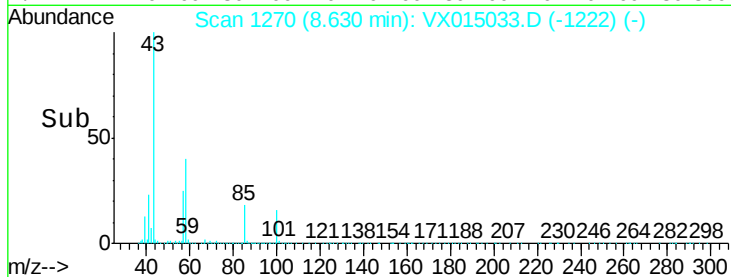
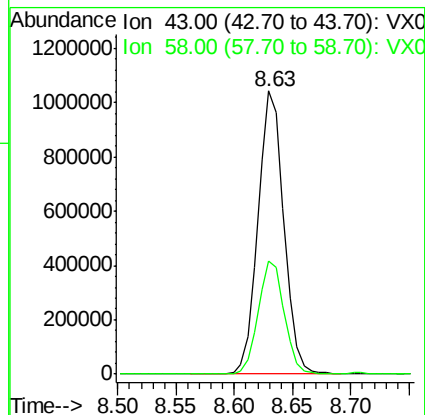
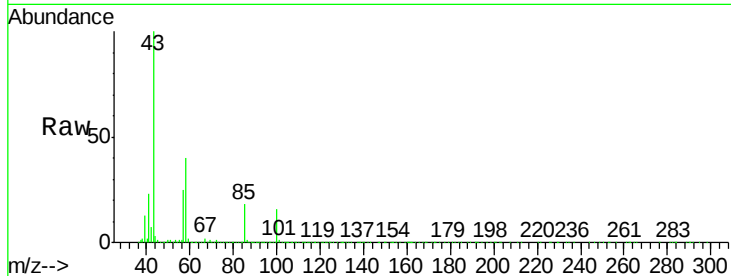
58 40.1 31.9 47.9

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#52

Toluene

Concen: 51.252 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX015033.D

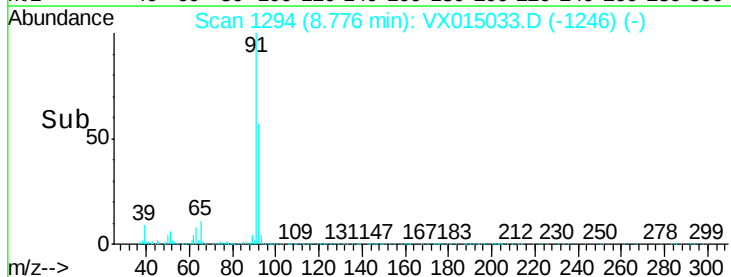
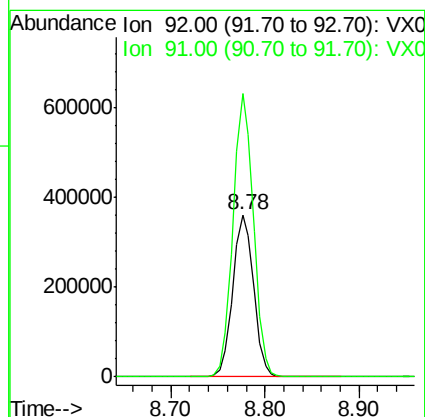
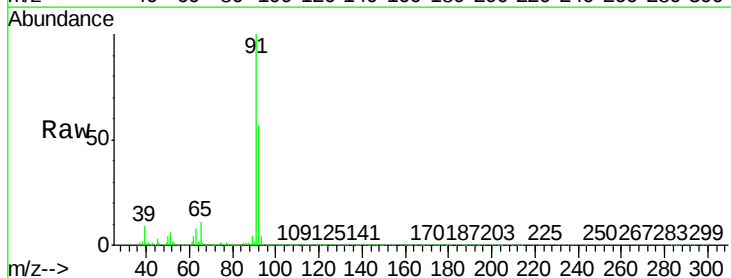
Acq: 27 Feb 2020 08:49

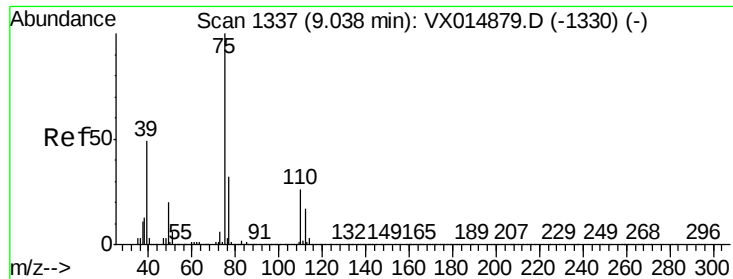
Tgt Ion: 92 Resp: 550963

Ion Ratio Lower Upper

92 100

91 172.2 137.0 205.4





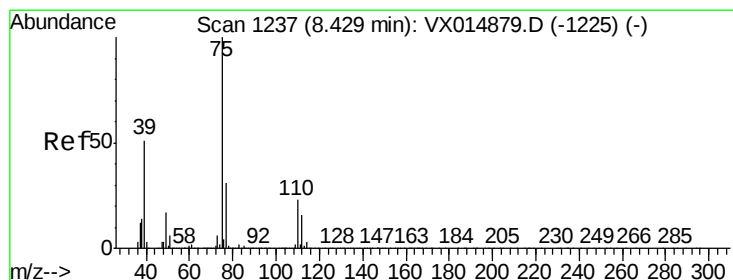
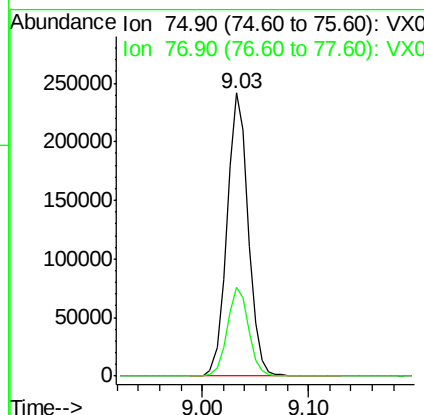
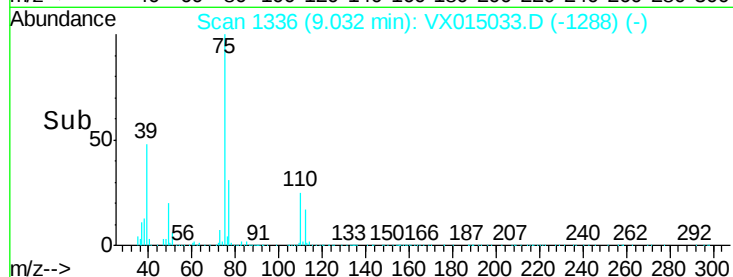
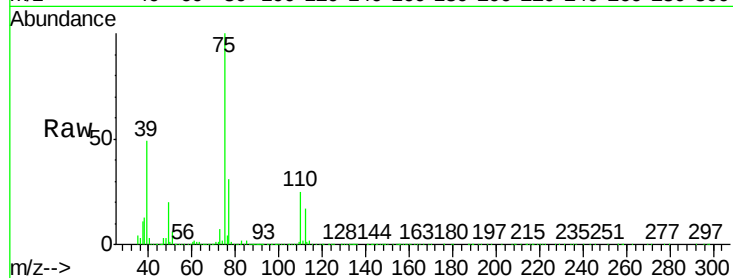
#53
t-1,3-Dichloropropene
Concen: 52.595 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 337225
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

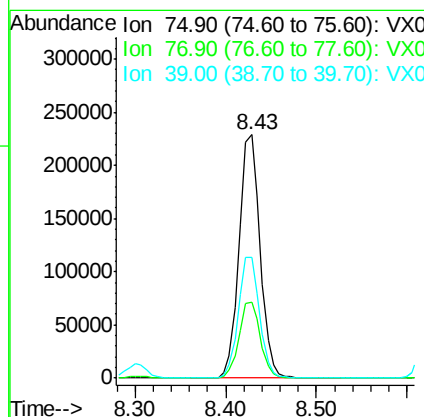
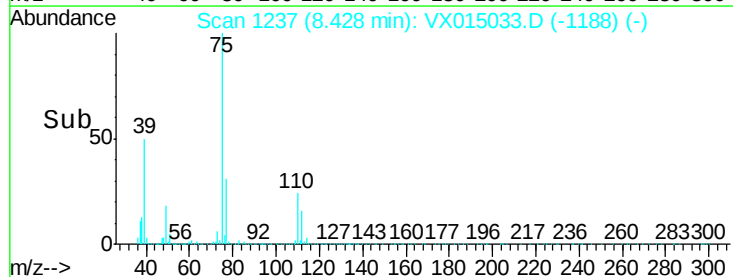
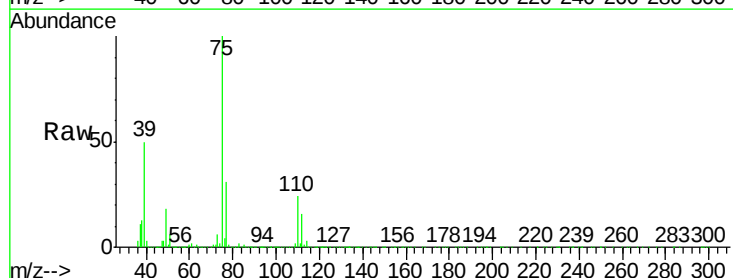
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#54
cis-1,3-Dichloropropene
Concen: 51.930 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 75 Resp: 367826
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 49.6 40.9 61.3





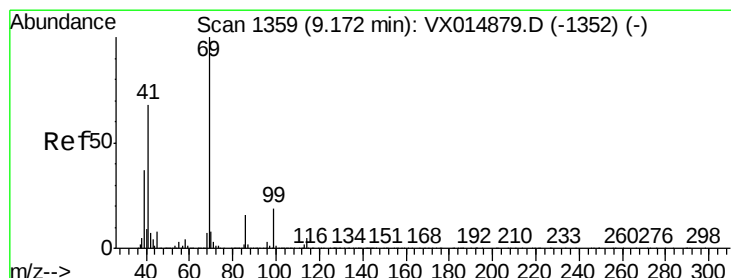
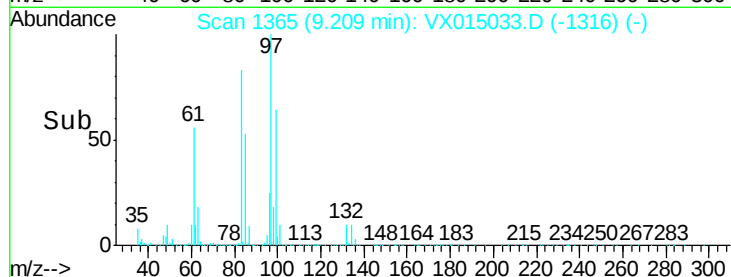
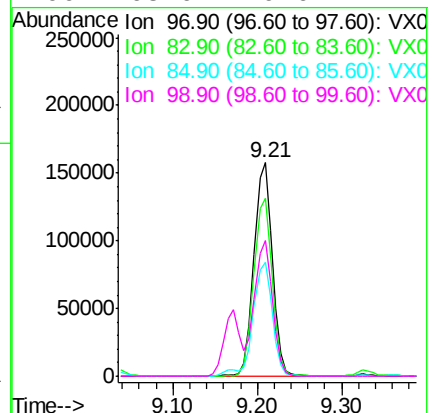
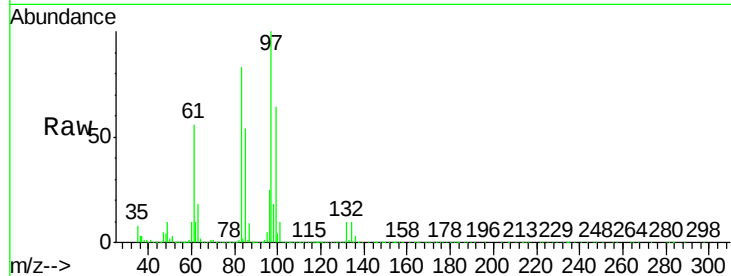
#55
 1,1,2-Trichloroethane
 Concen: 52.834 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		229793		
83	83.1	66.6	99.8		
85	53.5	43.5	65.3		
99	63.6	49.6	74.4		

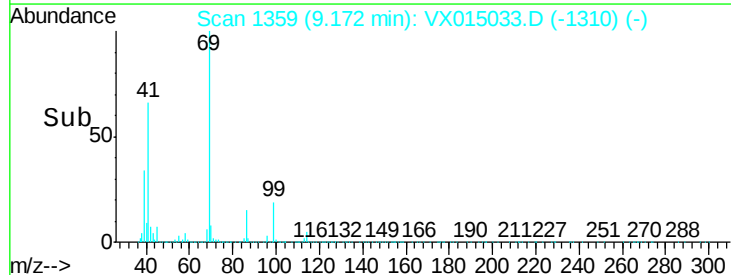
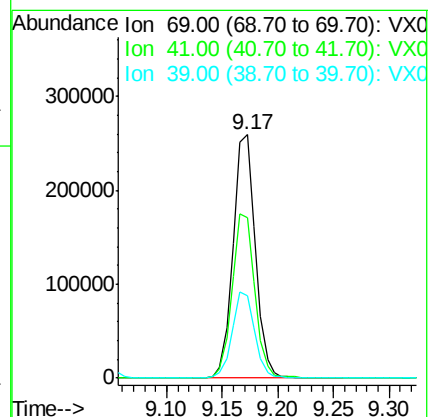
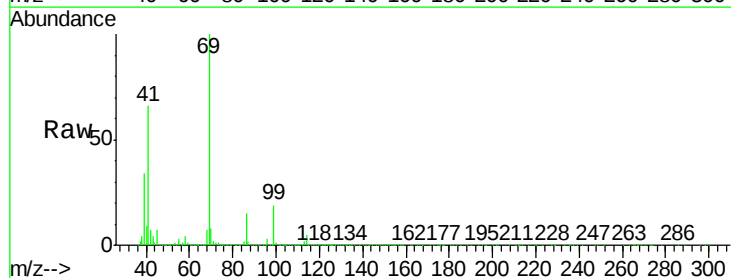
Manual Integrations
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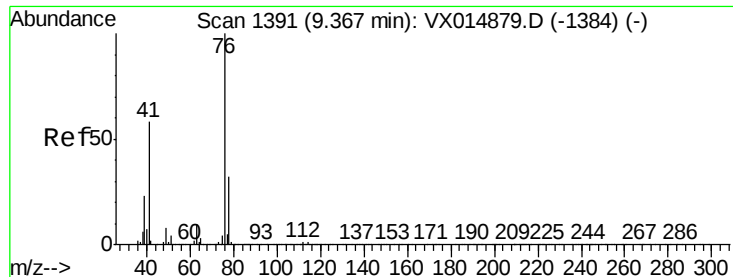
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#56
 Ethyl methacrylate
 Concen: 55.036 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		359793		
41	68.3	54.8	82.2		
39	35.4	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 51.867 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 379740

Ion Ratio Lower Upper

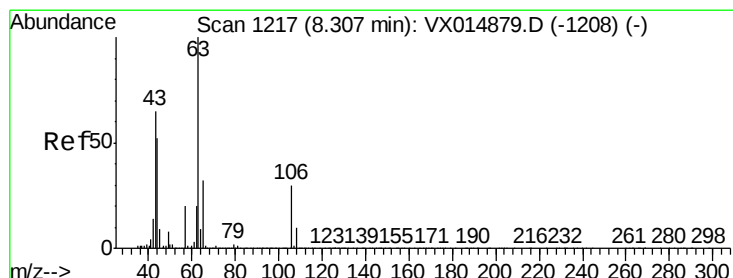
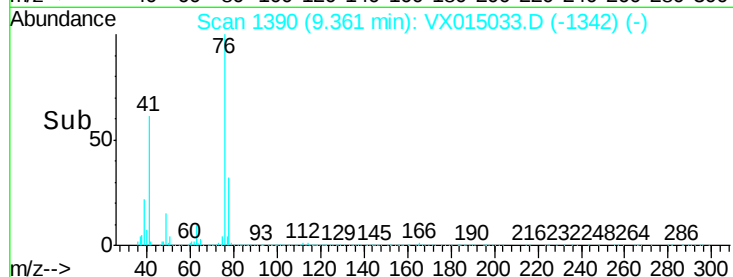
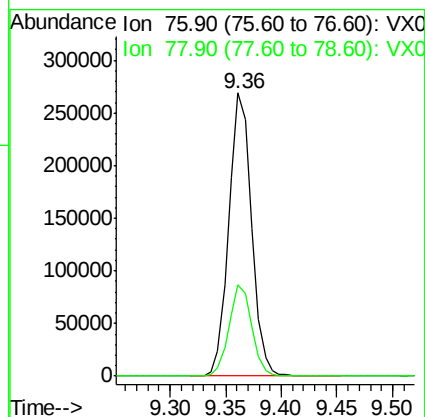
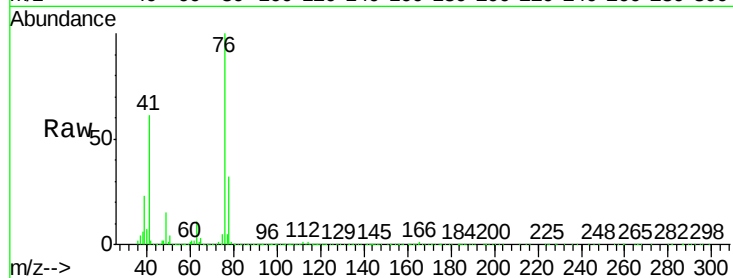
76 100

78 32.2 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 276.778 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015033.D

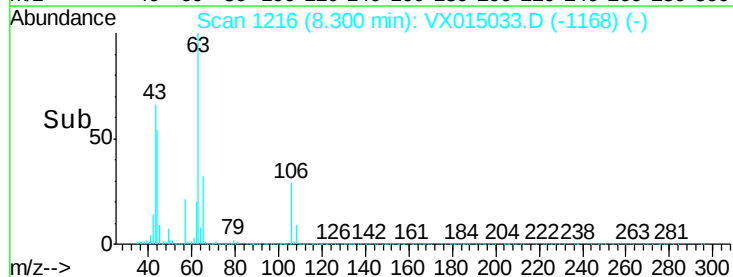
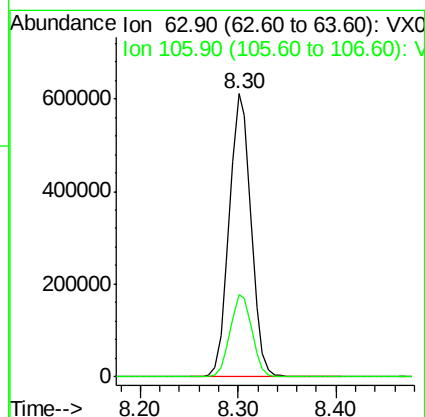
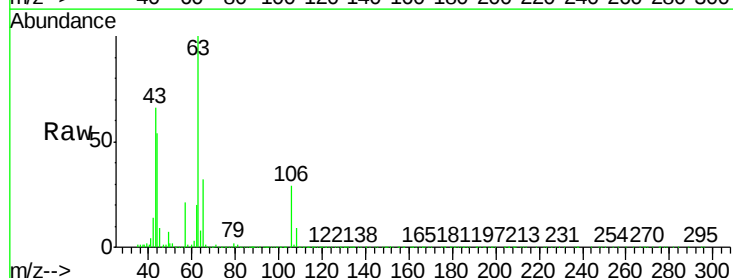
Acq: 27 Feb 2020 08:49

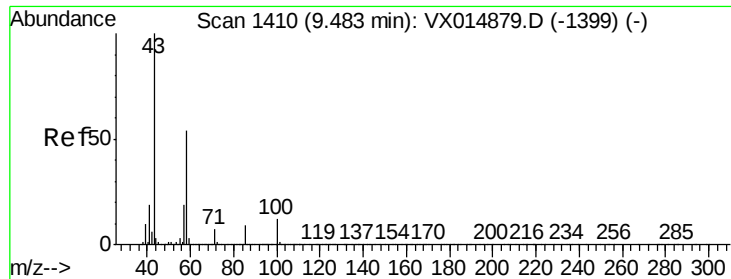
Tgt Ion: 63 Resp: 946291

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8





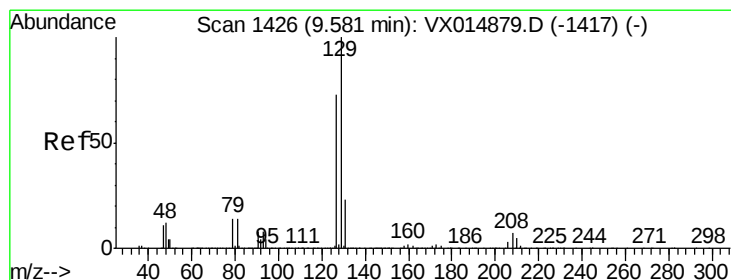
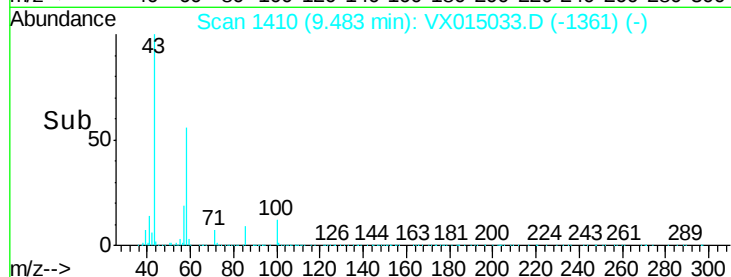
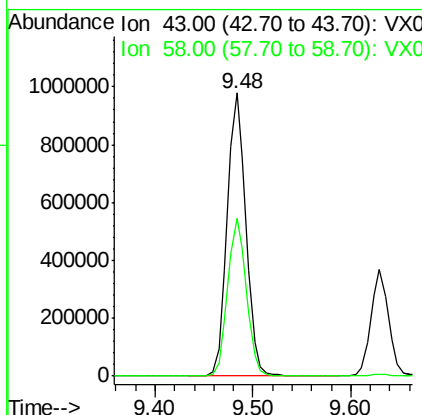
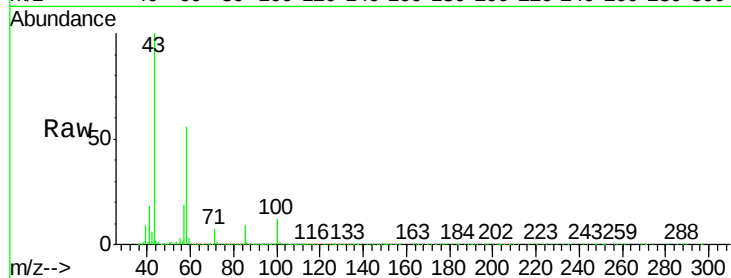
#59
2-Hexanone
Concen: 281.040 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1300062
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5

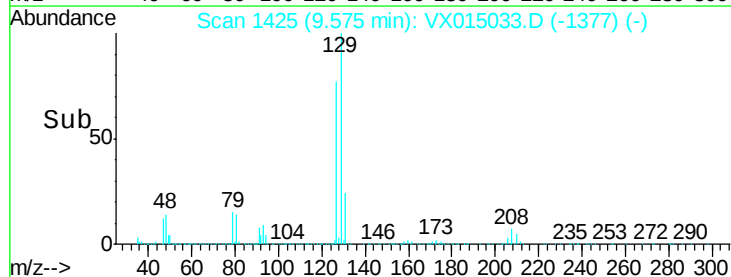
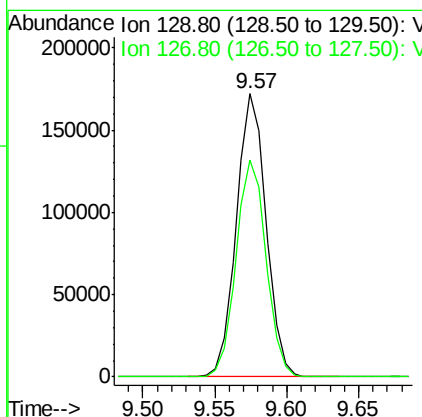
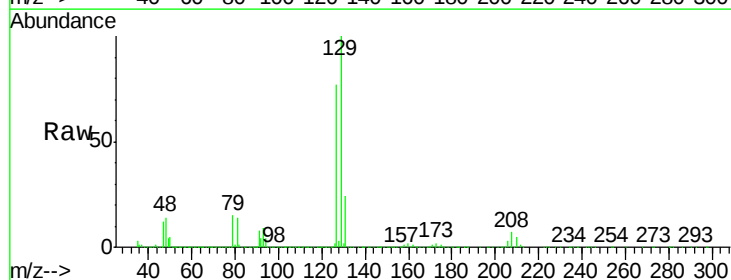
Manual Integrations
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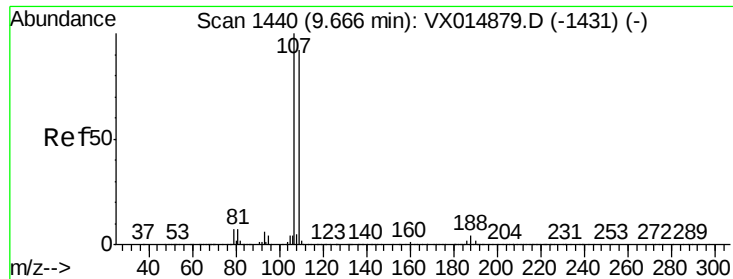
MMDadoda
2/28/2020 11:28:31 AM



#60
Dibromochloromethane
Concen: 52.833 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 129 Resp: 247289
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 50.961 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 239151

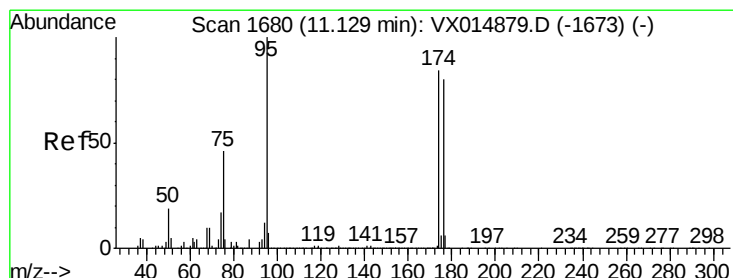
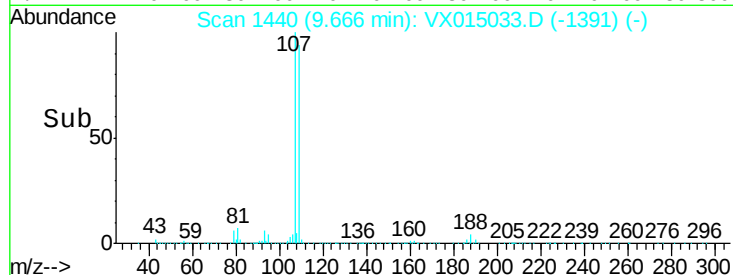
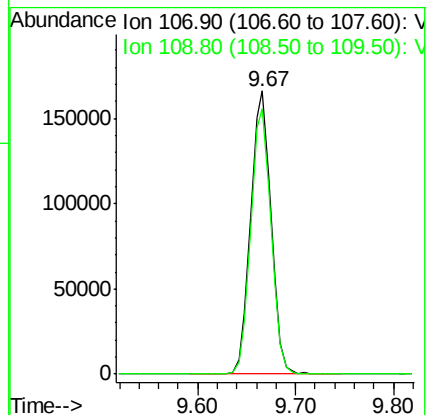
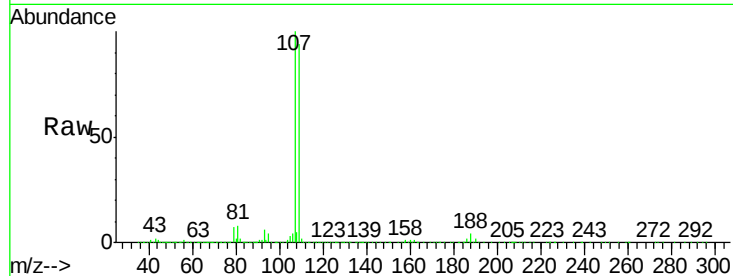
Ion Ratio Lower Upper

107 100

109 93.8 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.291 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

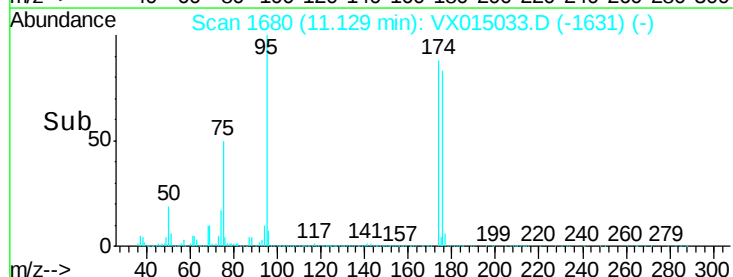
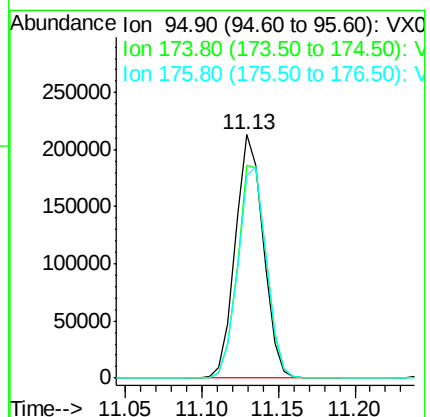
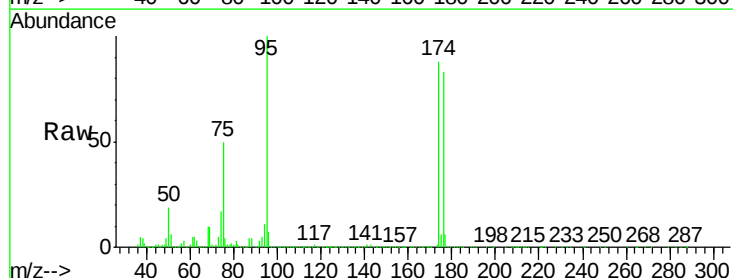
Tgt Ion: 95 Resp: 269225

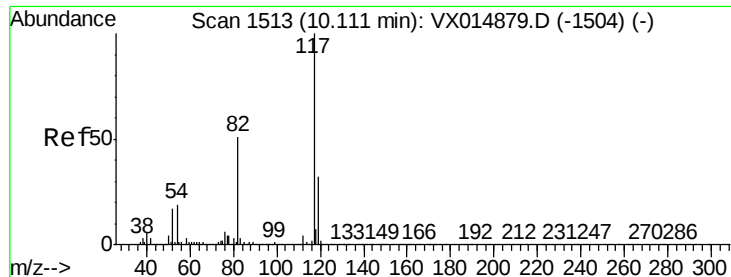
Ion Ratio Lower Upper

95 100

174 90.1 0.0 183.0

176 88.9 0.0 178.0





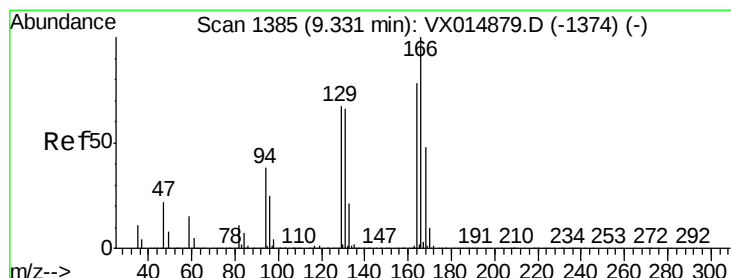
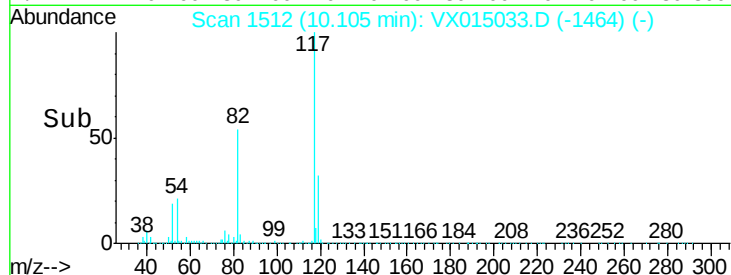
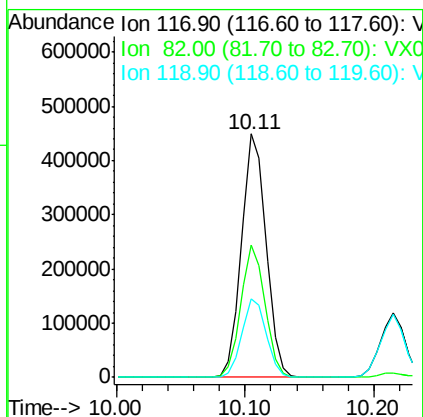
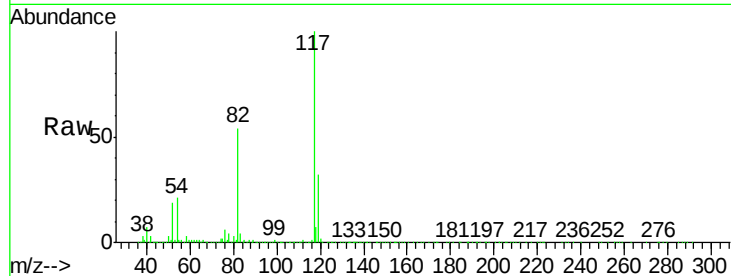
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.5	60.7
119	32.1	25.8	38.6

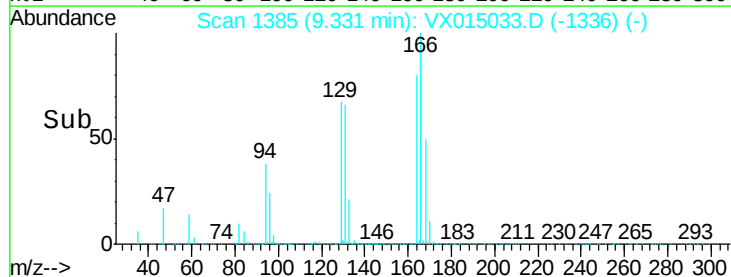
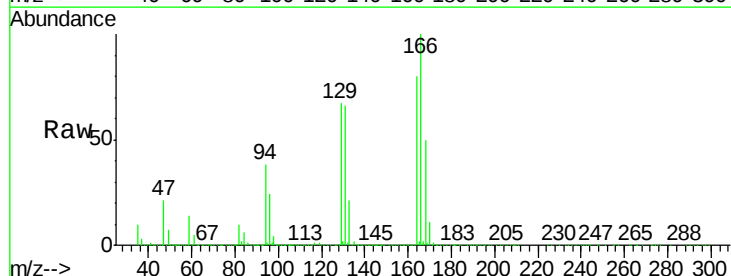
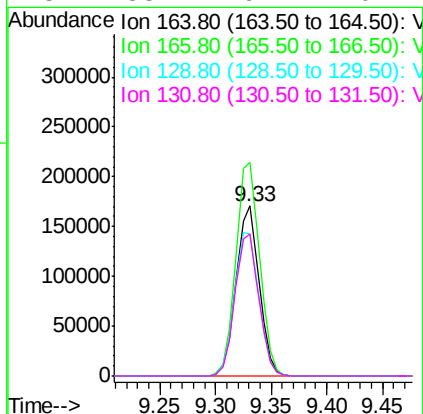
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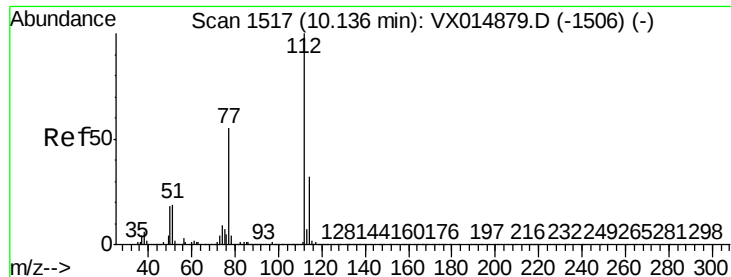
MMDadoda
2/28/2020 11:28:31 AM



#64
Tetrachloroethene
Concen: 44.301 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.6	153.8
129	83.8	68.3	102.5
131	83.4	67.4	101.2





#65

Chlorobenzene

Concen: 50.863 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 609384

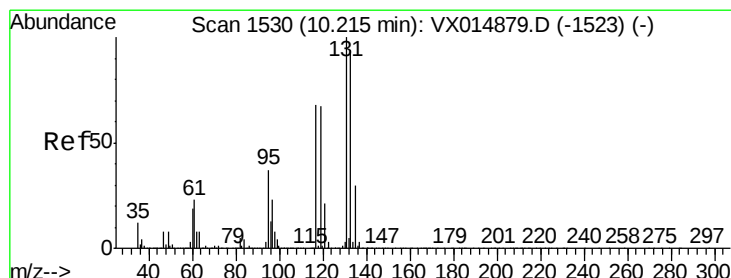
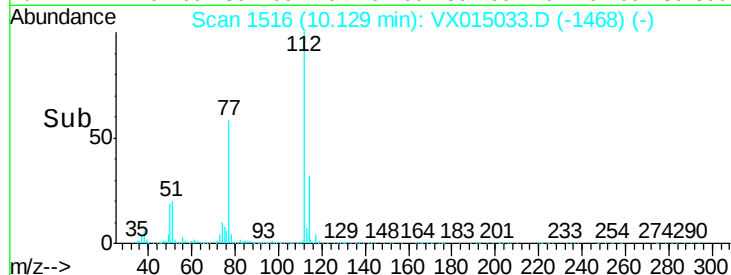
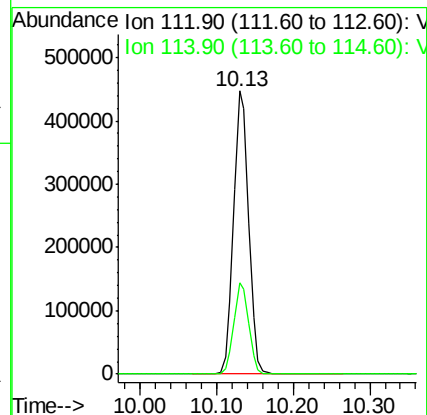
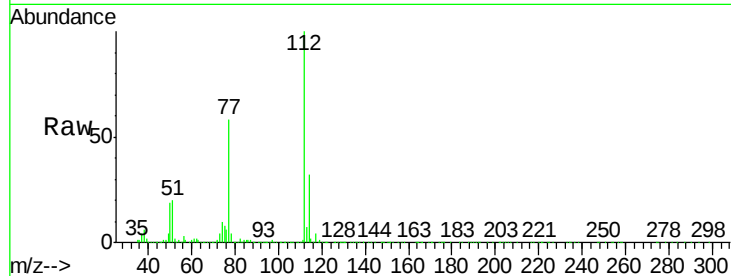
Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 51.899 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

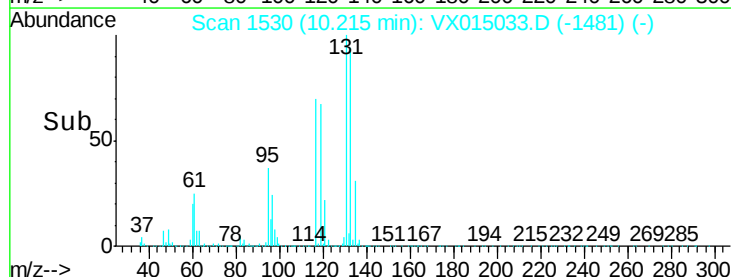
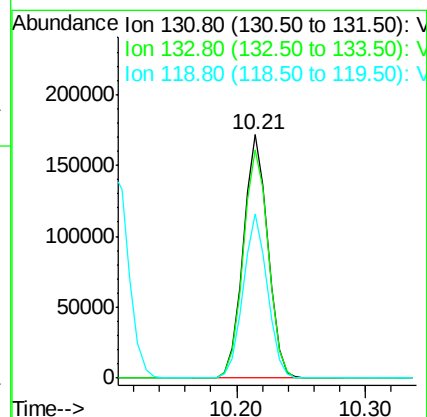
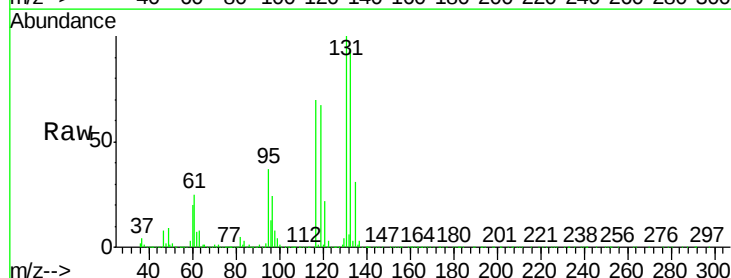
Tgt Ion:131 Resp: 225739

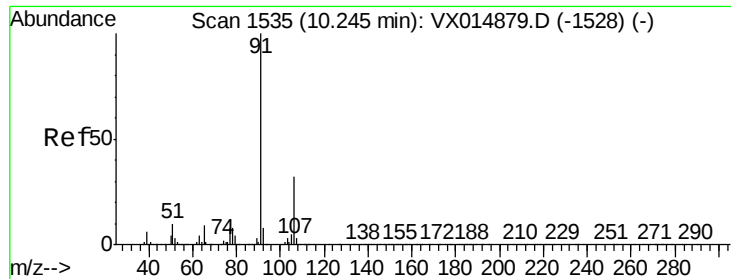
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 66.5 33.0 99.0





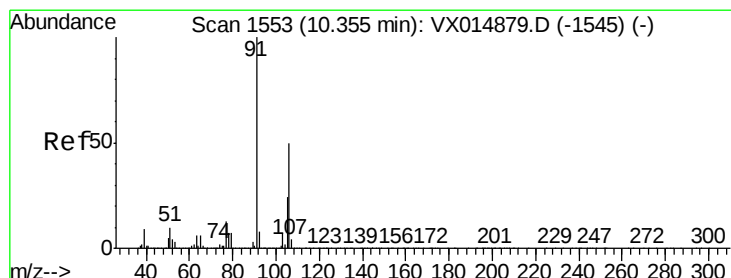
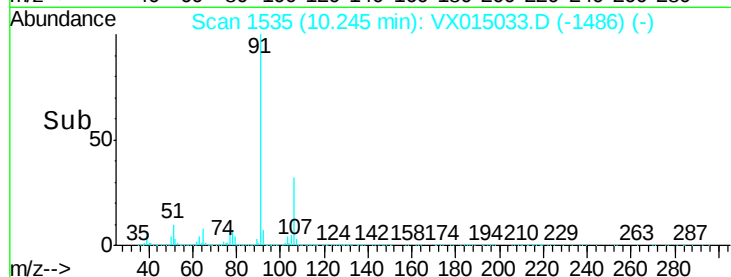
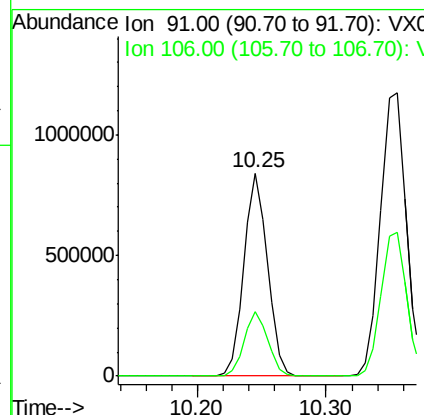
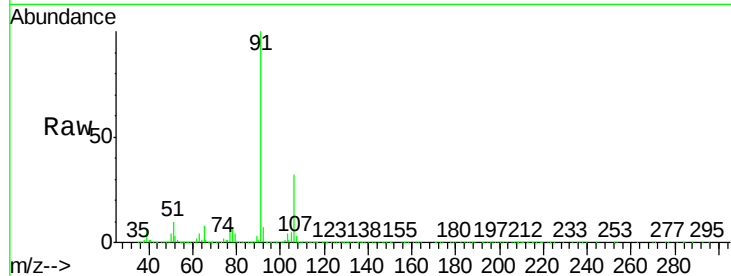
#67
Ethyl Benzene
Concen: 52.342 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1066503
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

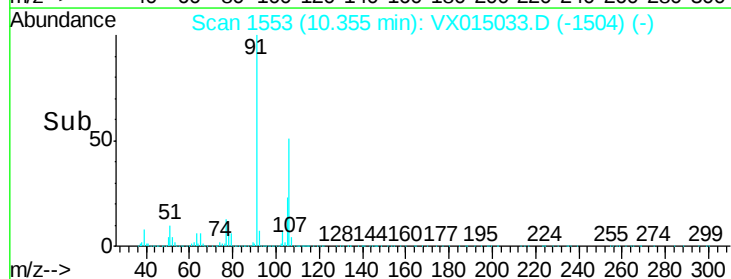
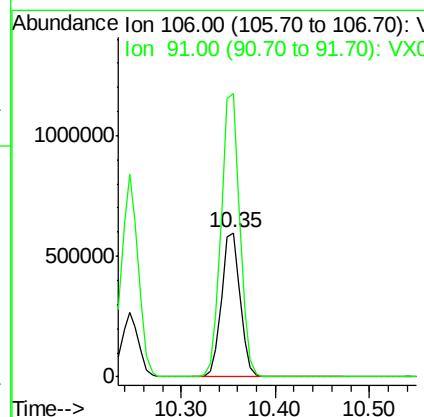
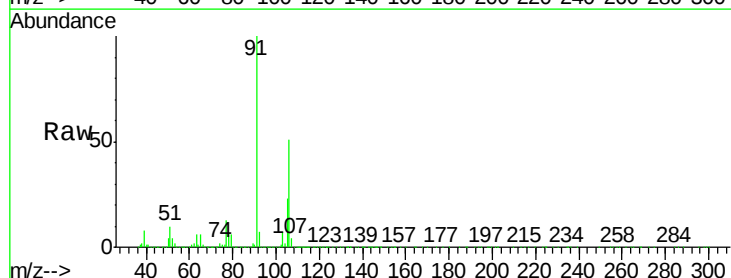
Manual Integrations
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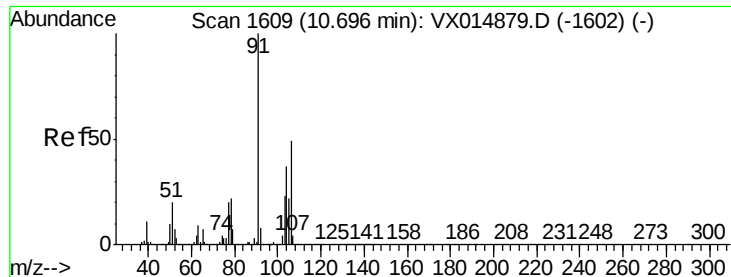
MMDadoda
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#68
m/p-Xylenes
Concen: 104.818 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 106 Resp: 822766
Ion Ratio Lower Upper
106 100
91 197.4 160.6 240.8





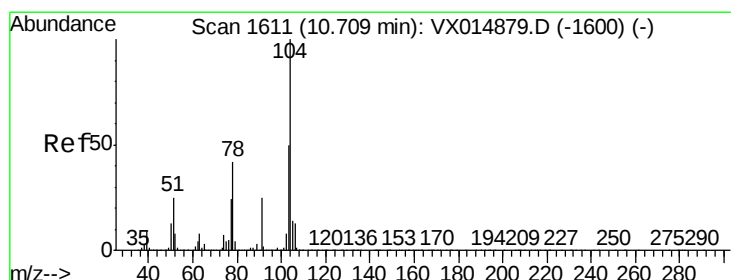
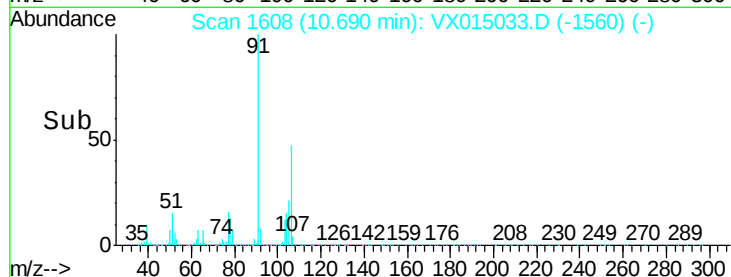
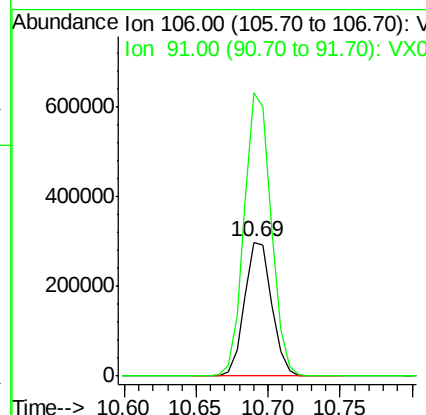
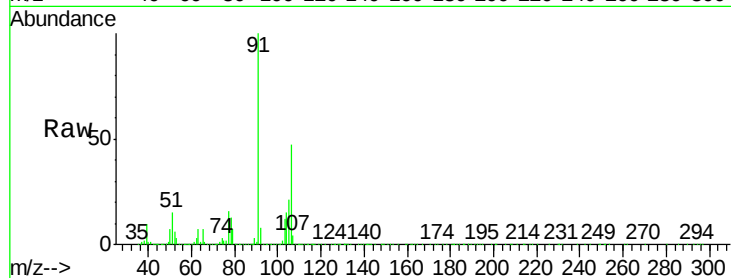
#69
o-Xylene
Concen: 51.827 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	391056		
91	209.9	105.1	315.3	

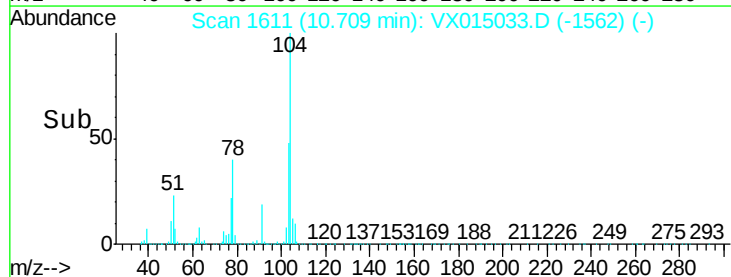
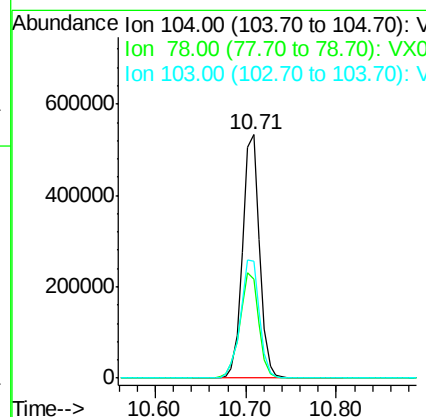
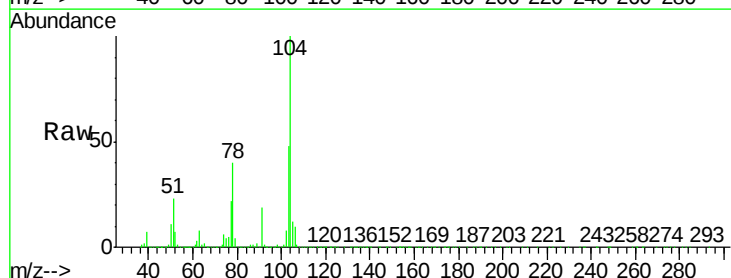
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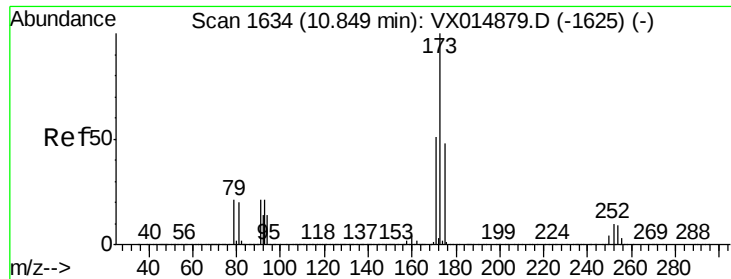
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#70
Styrene
Concen: 54.086 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	690399		
78	47.9	39.0	58.4	
103	54.2	43.4	65.0	





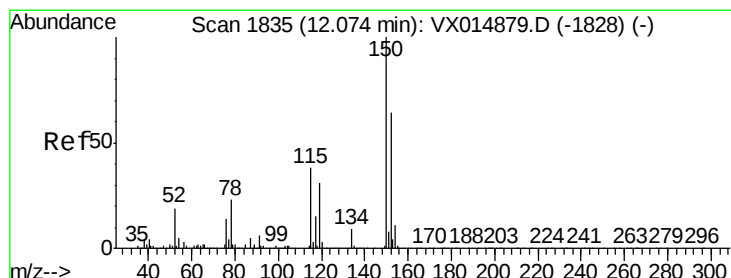
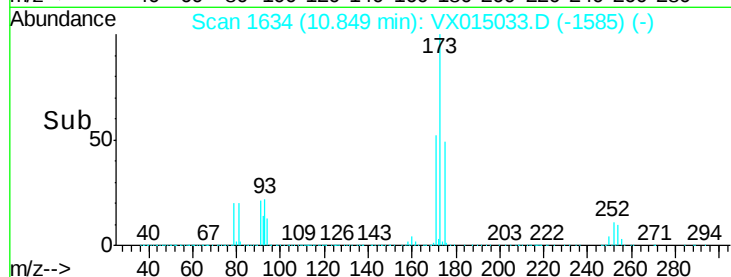
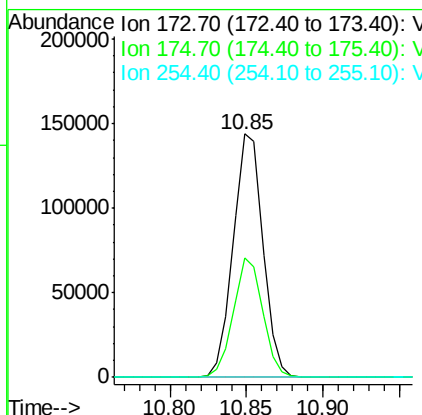
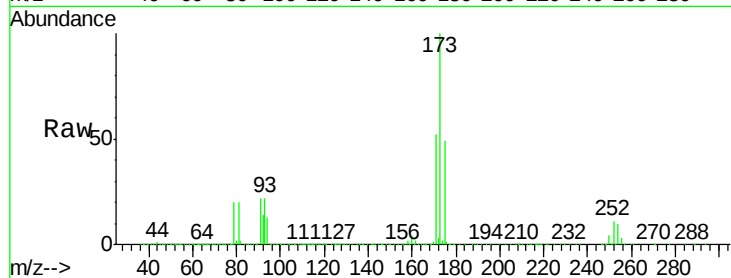
#71
Bromoform
Concen: 53.629 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.1	0.2	0.2#

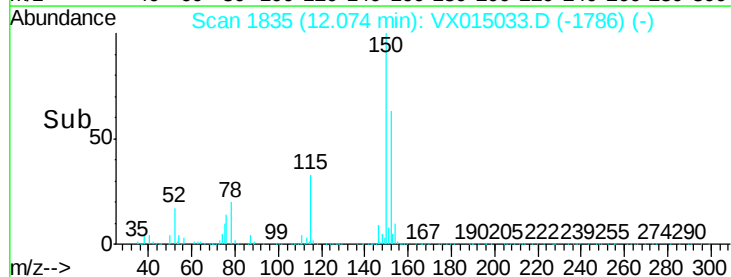
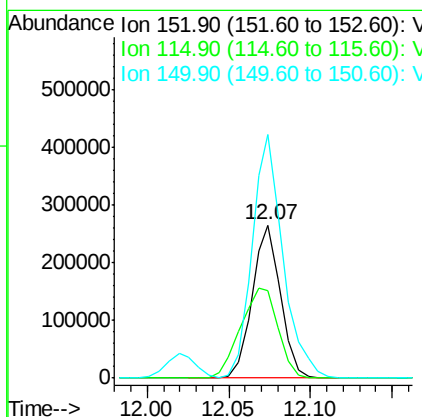
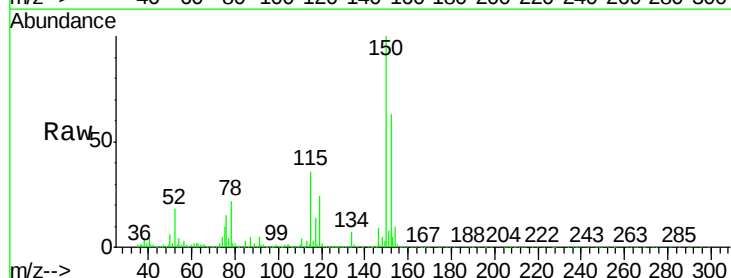
Manual Integrations
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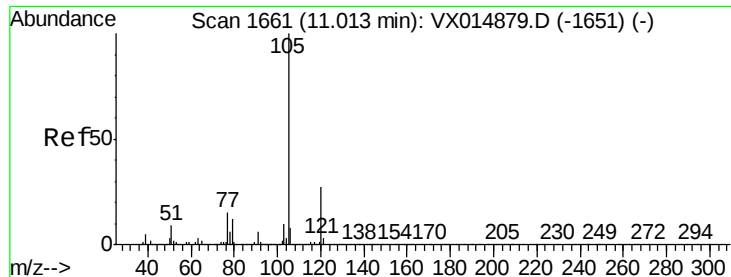
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	38.6	116.0
150	174.7	0.0	349.0





#73

Isopropylbenzene

Concen: 53.357 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1060533

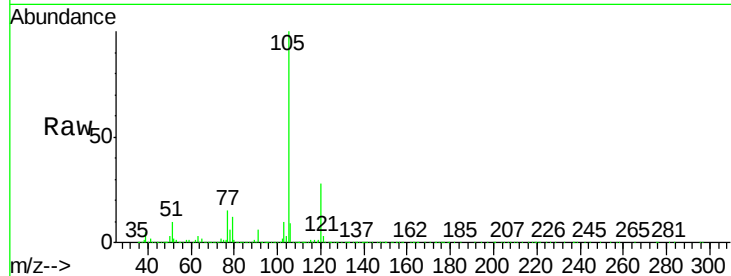
Ion Ratio Lower Upper

105 100

120 27.1 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

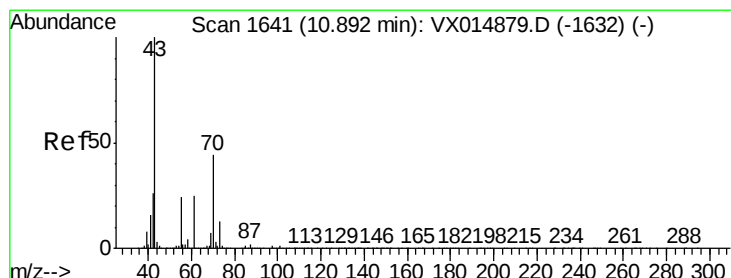
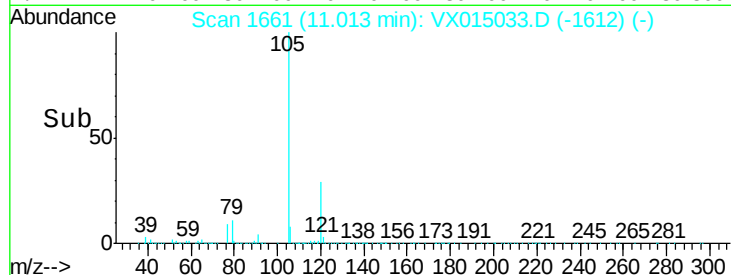
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.908 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion: 43 Resp: 453473

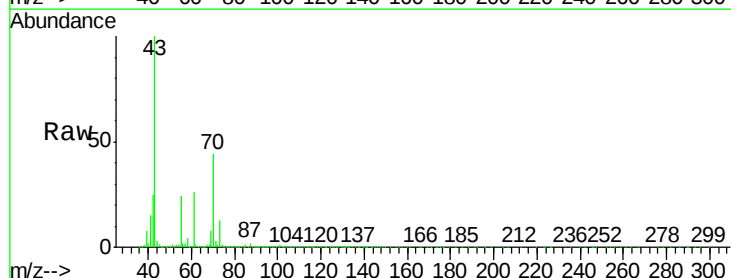
Ion Ratio Lower Upper

43 100

70 43.9 35.0 52.4

55 24.0 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

10.89

400000

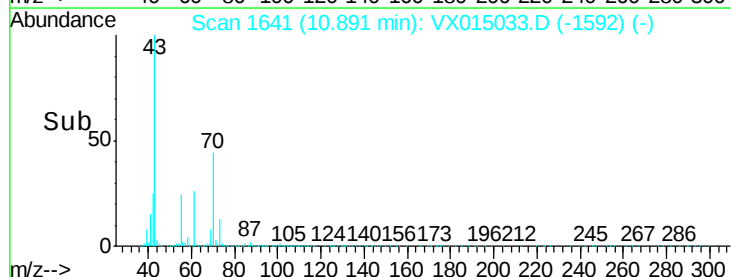
300000

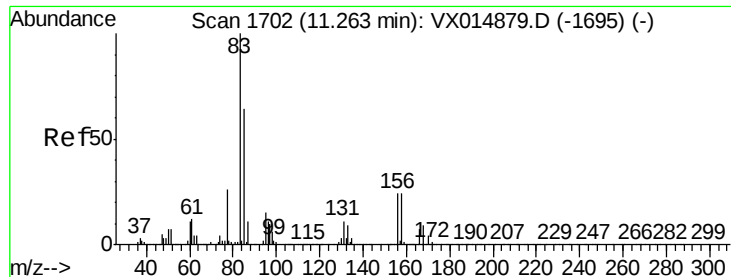
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 53.216 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

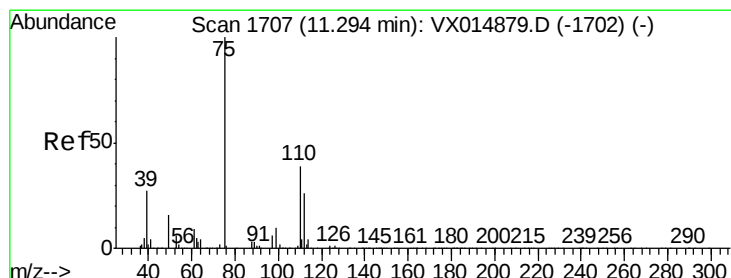
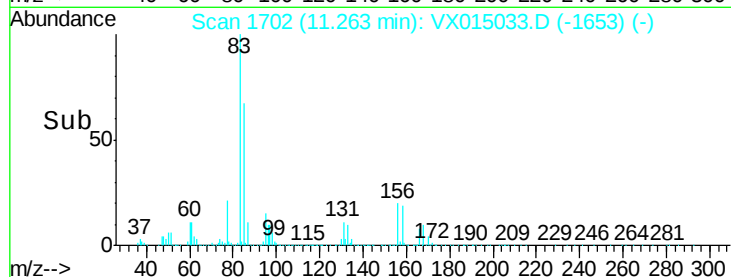
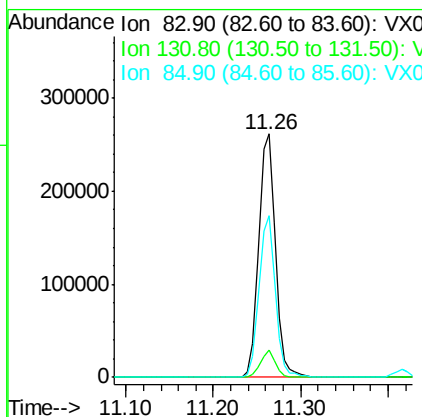
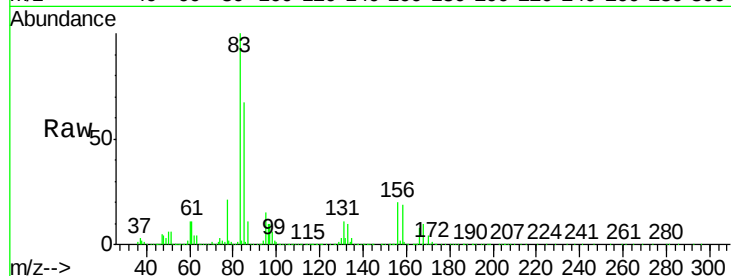
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	345764
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	65.0	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 50.589 ug/l m

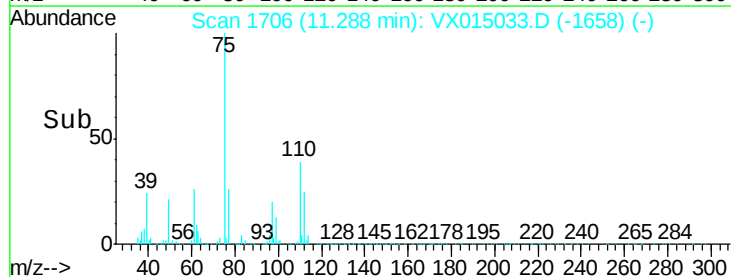
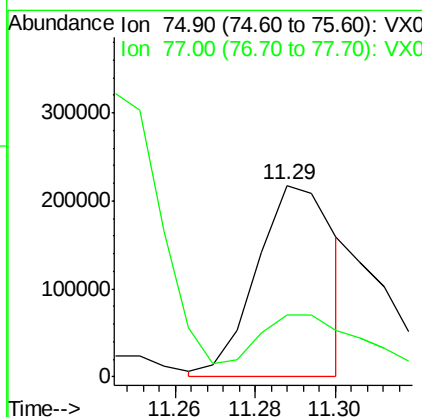
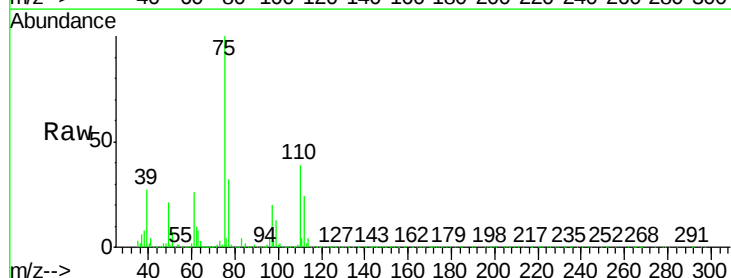
RT: 11.29 min Scan# 1706

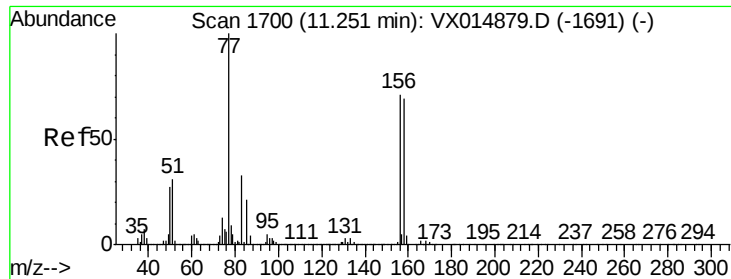
Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	75	Resp:	289954
Ion Ratio	Lower	Upper	
75	100		
77	45.7	18.4	55.0





#77

Bromobenzene

Concen: 50.258 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

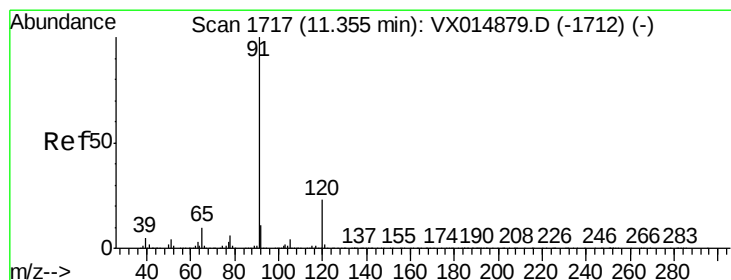
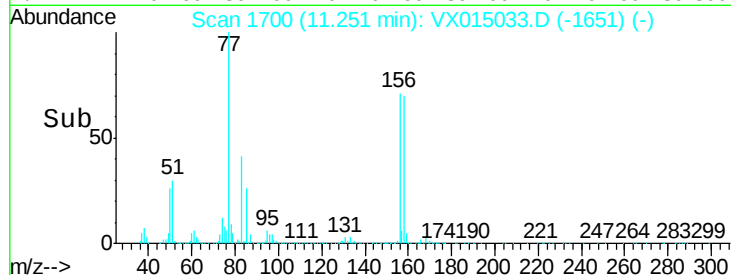
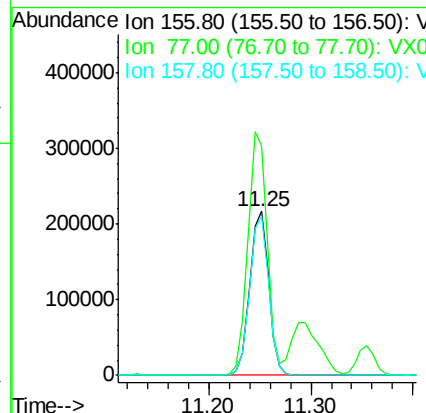
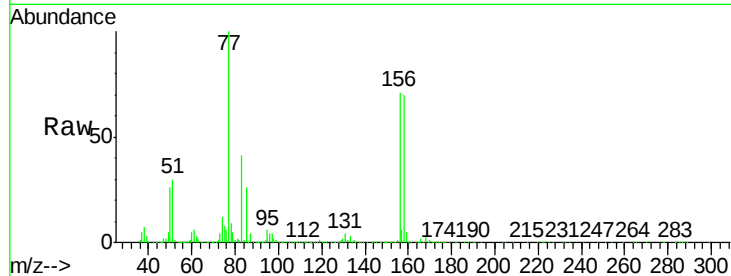
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.1	74.0	222.0
158	97.1	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.762 ug/l

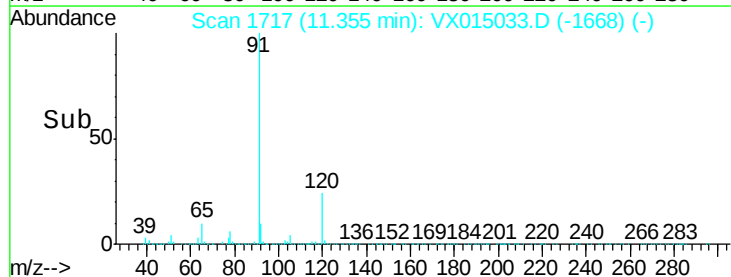
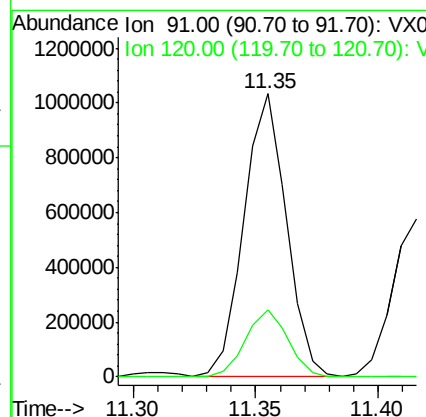
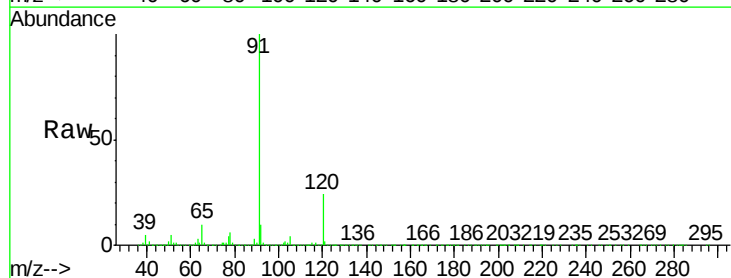
RT: 11.35 min Scan# 1717

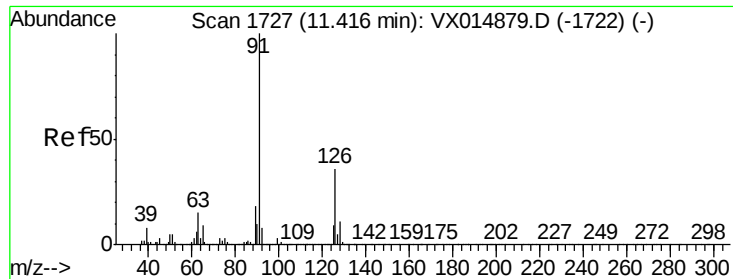
Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4





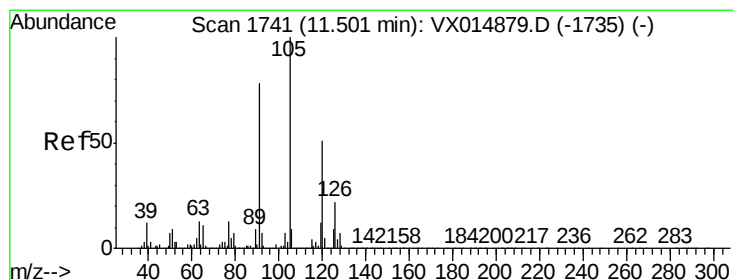
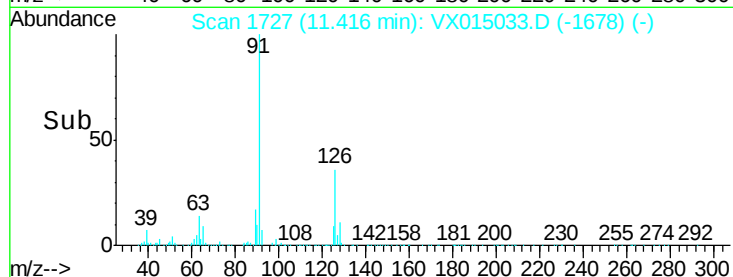
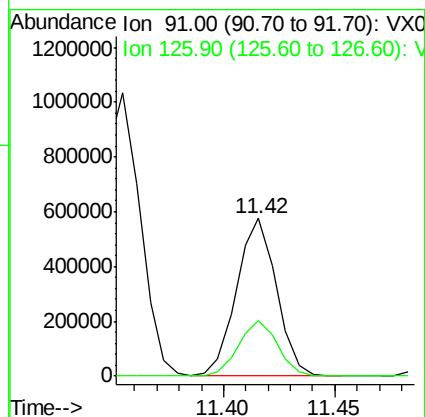
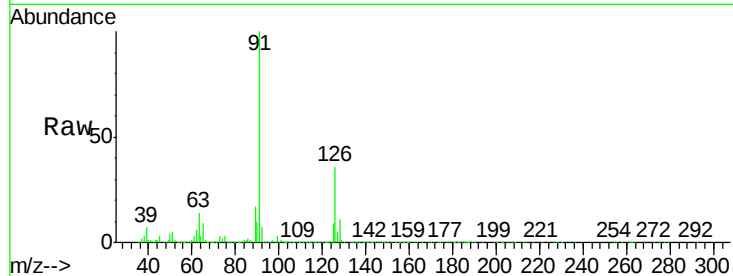
#79
2-Chlorotoluene
Concen: 53.022 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 716596
Ion Ratio Lower Upper
91 100
126 35.0 18.0 54.0

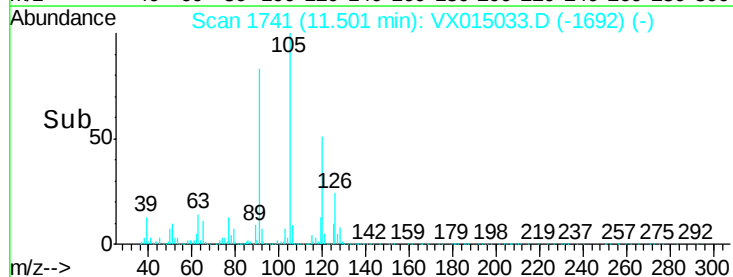
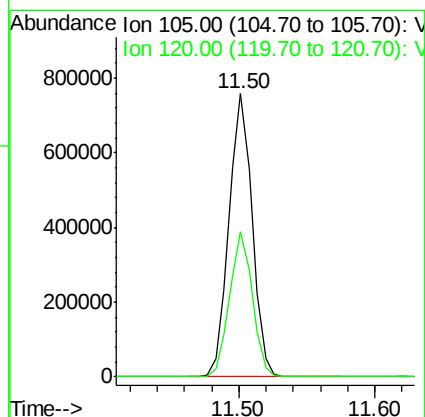
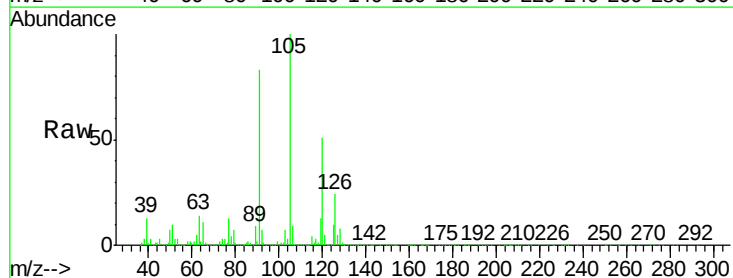
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#80
1,3,5-Trimethylbenzene
Concen: 53.858 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion: 105 Resp: 894471
Ion Ratio Lower Upper
105 100
120 50.5 25.6 76.6





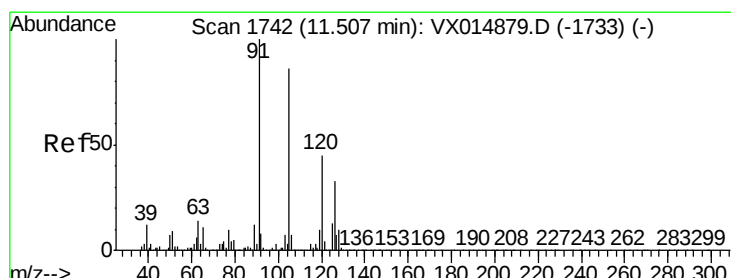
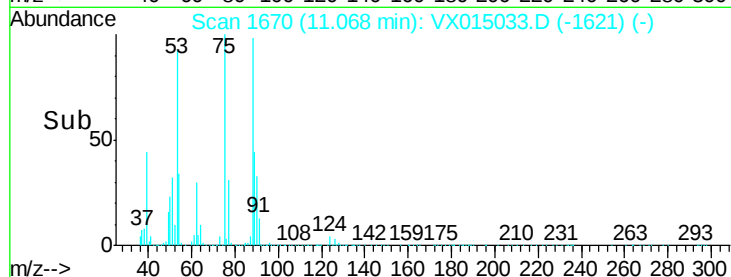
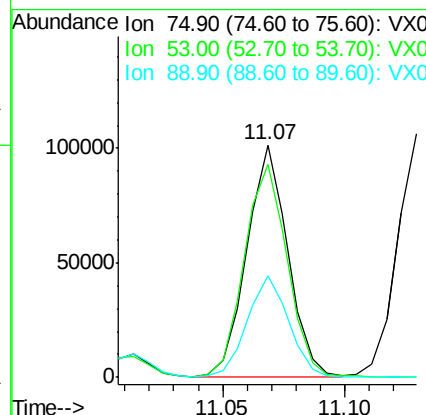
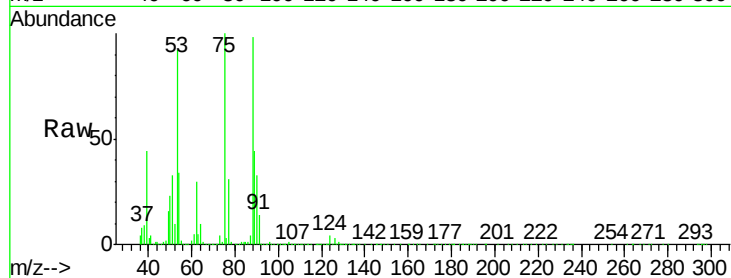
#81
trans-1,4-Dichloro-2-butene
Concen: 52.309 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	76.2	114.2
89	45.0	35.8	53.6

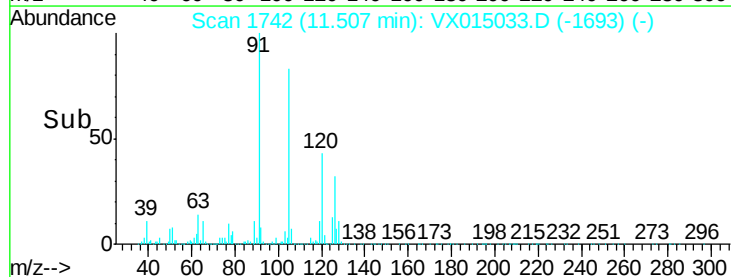
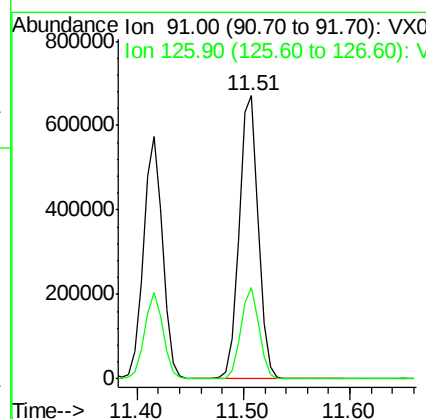
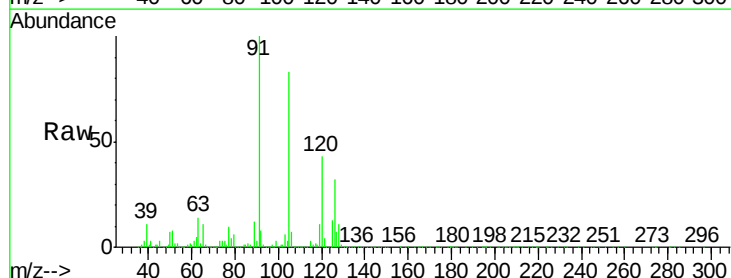
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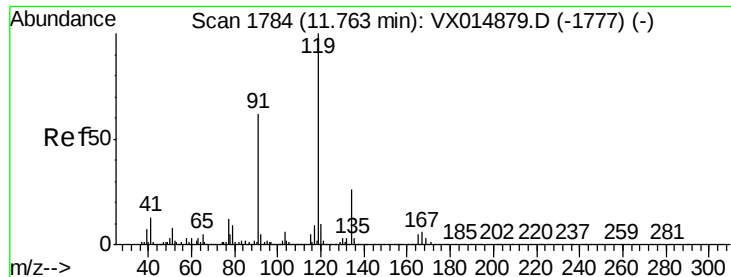
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#82
4-Chlorotoluene
Concen: 52.634 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.0





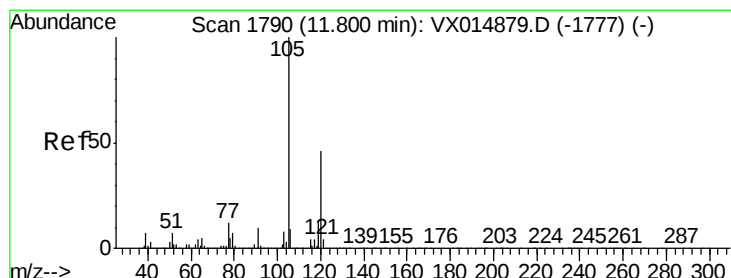
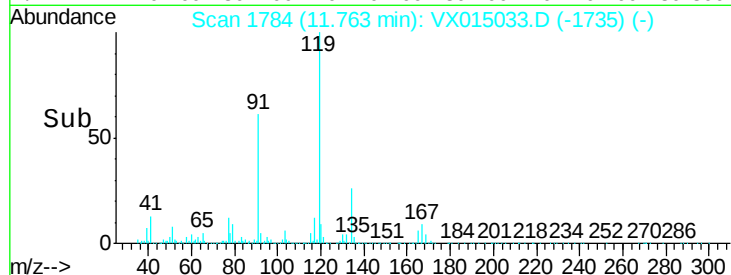
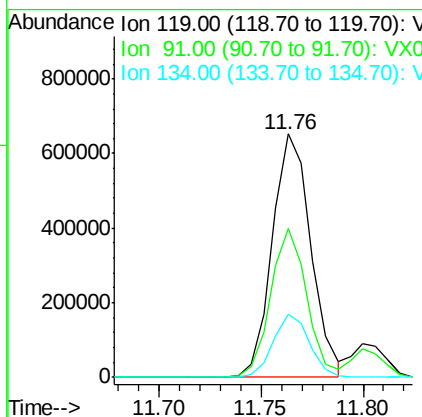
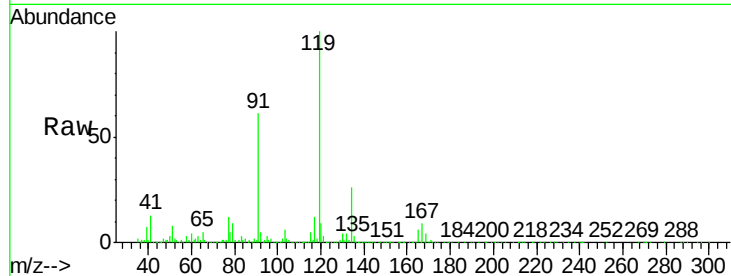
#83
tert-Butylbenzene
Concen: 54.604 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	858758		
91	57.2	29.5	88.6	
134	24.6	12.6	37.6	

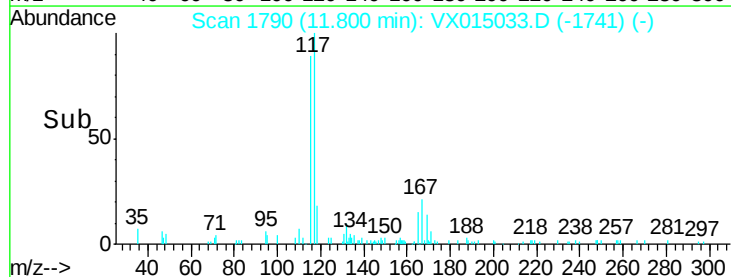
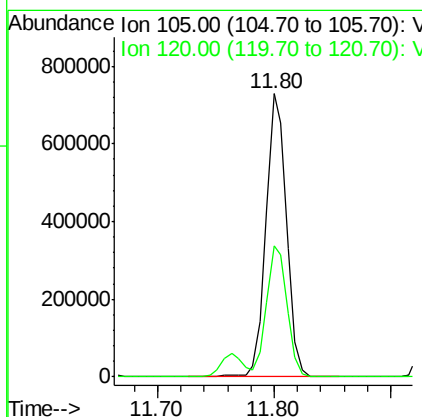
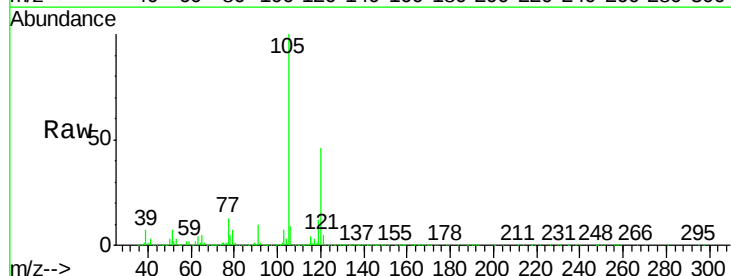
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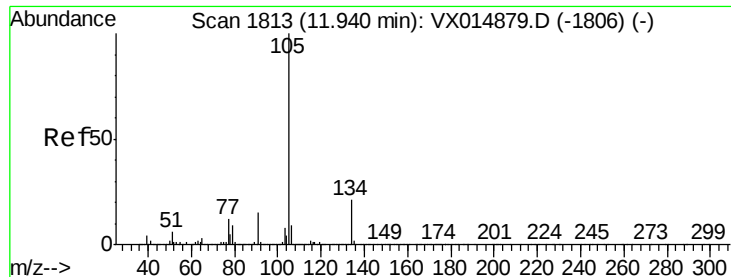
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#84
1,2,4-Trimethylbenzene
Concen: 53.367 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	893194		
120	46.4	23.0	69.0	





#85

sec-Butylbenzene

Concen: 54.177 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1058474

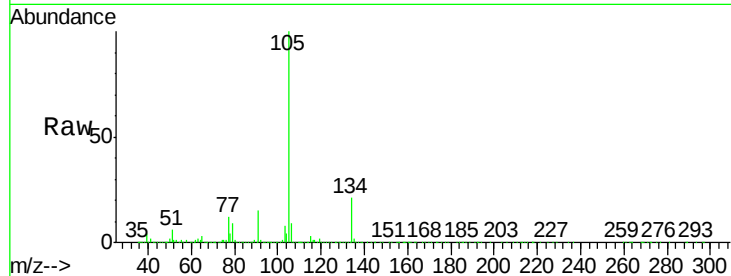
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

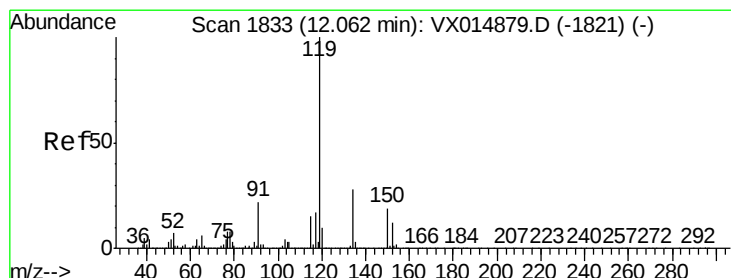
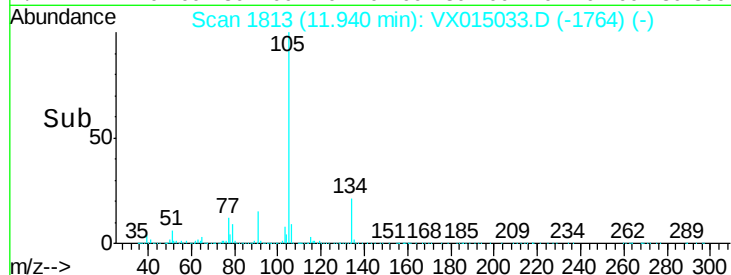
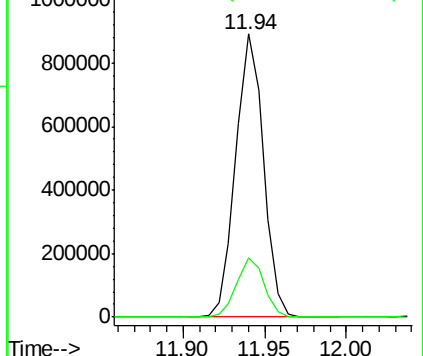
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.160 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

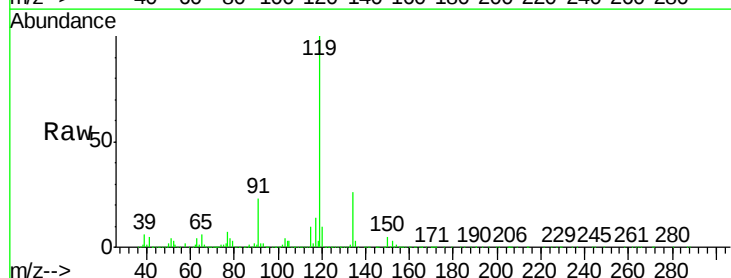
Tgt Ion:119 Resp: 990192

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

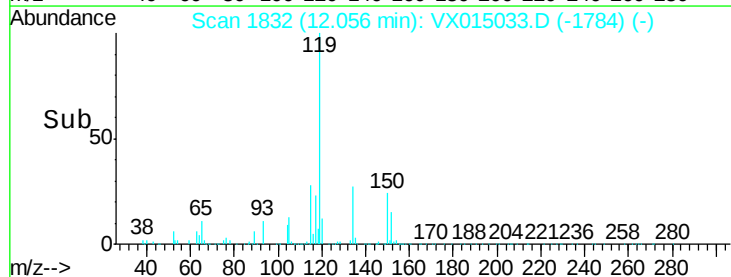
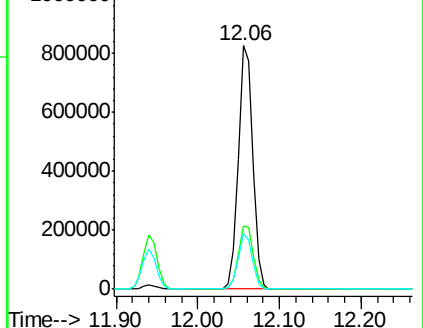
91 22.2 11.4 34.1

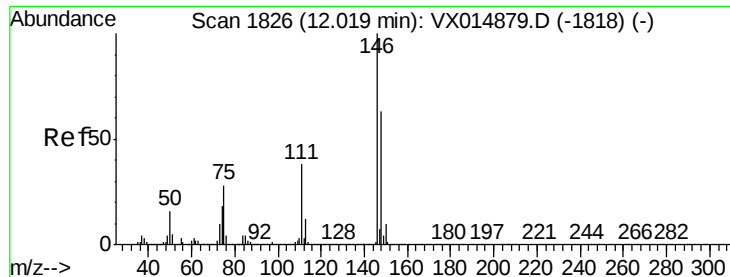


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.112 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

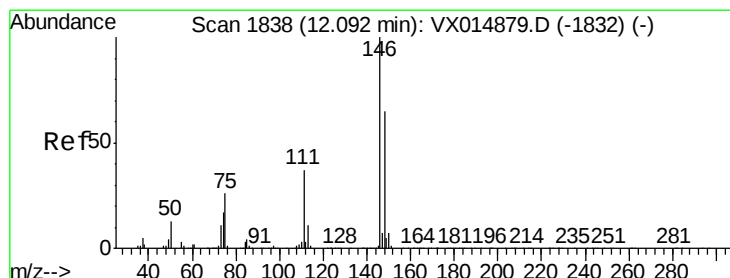
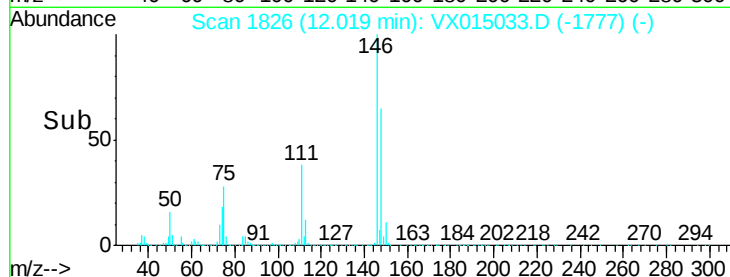
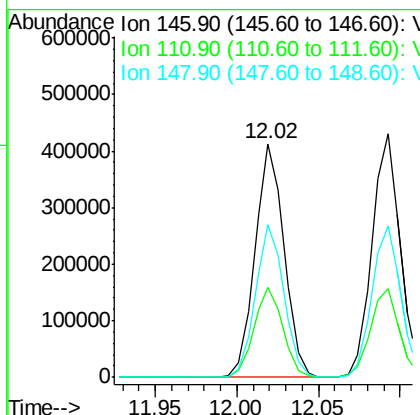
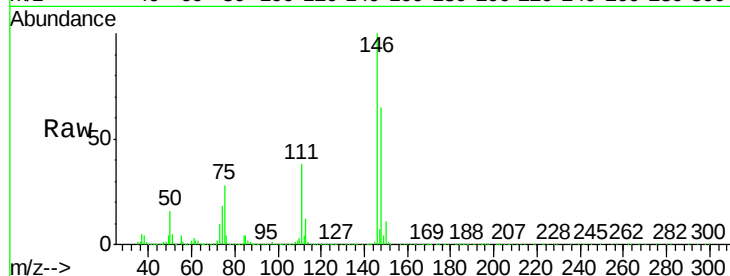
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	56.0
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 50.774 ug/l

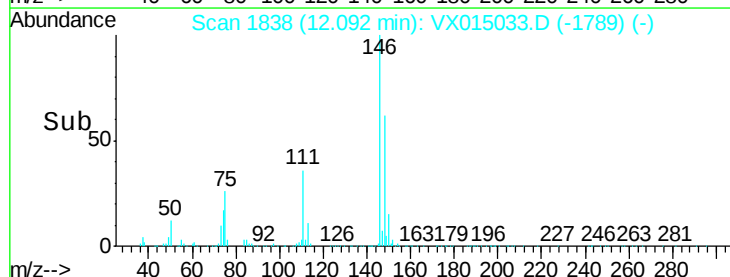
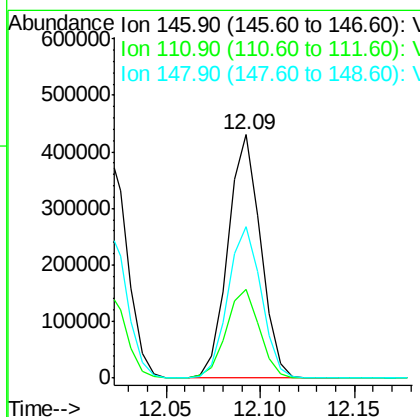
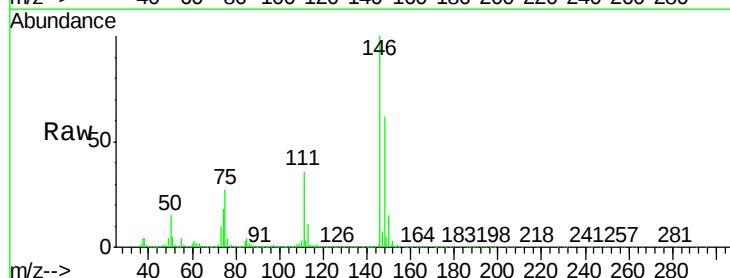
RT: 12.09 min Scan# 1838

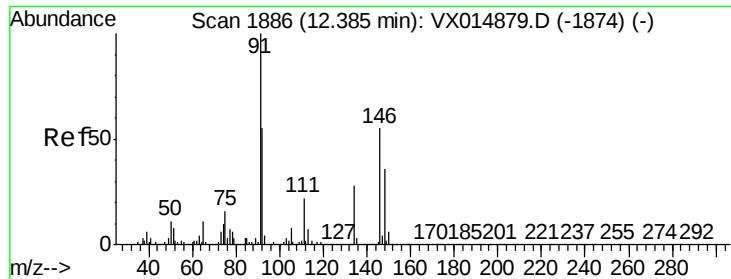
Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	63.6	32.4	97.0





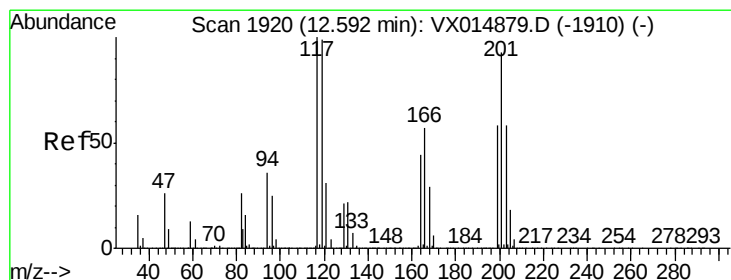
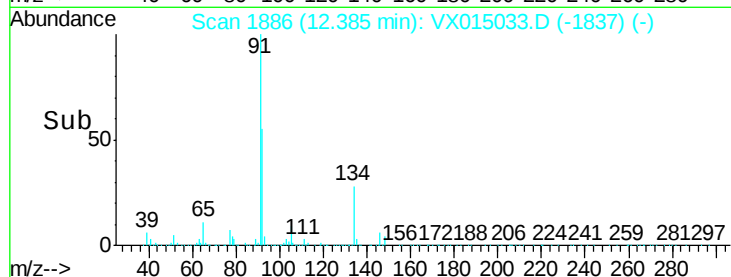
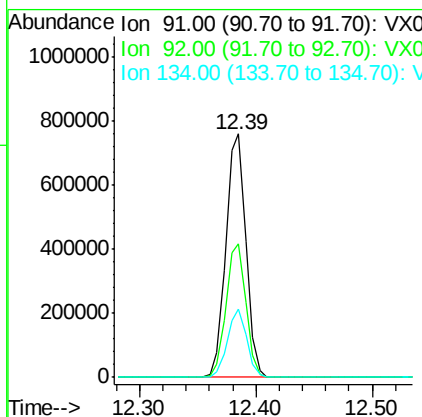
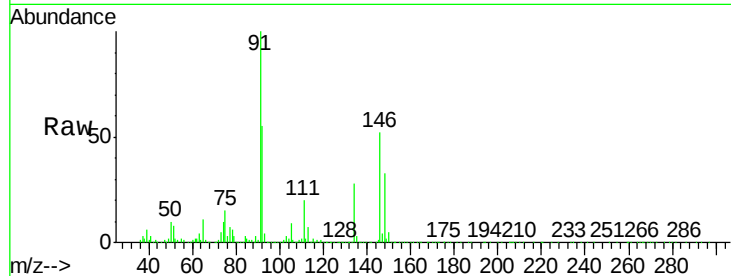
#89
n-Butylbenzene
Concen: 55.053 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	26.9	13.8	41.4

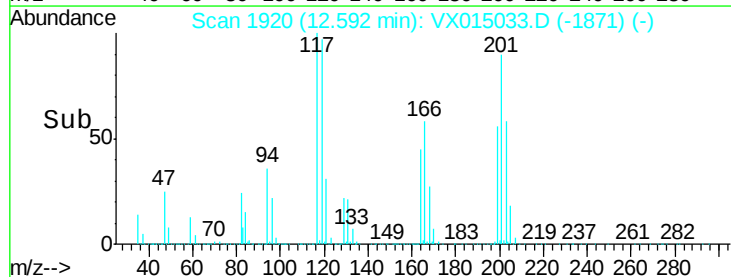
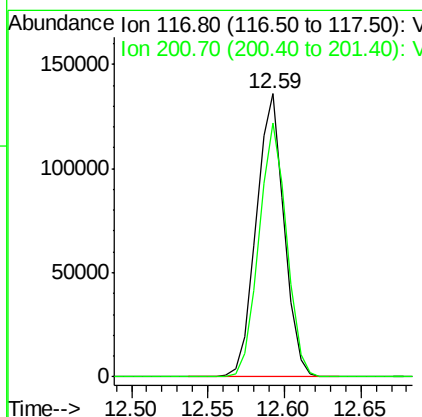
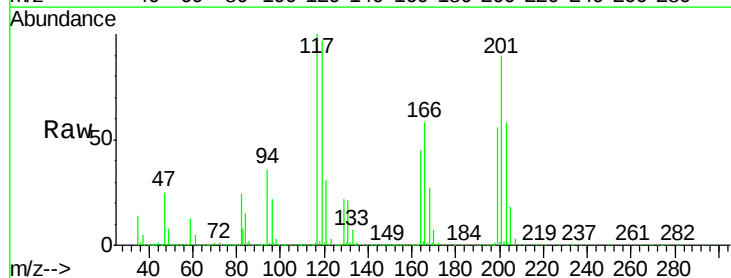
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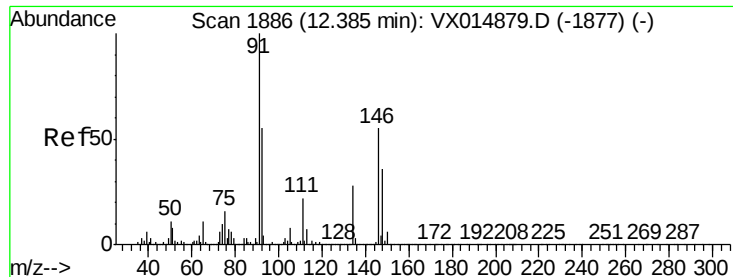
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#90
Hexachloroethane
Concen: 53.780 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 51.693 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Instrument :

MSVOA_X

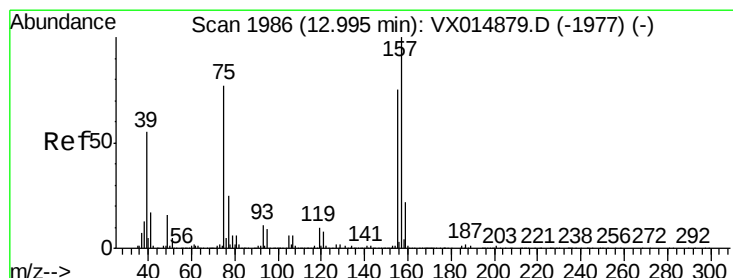
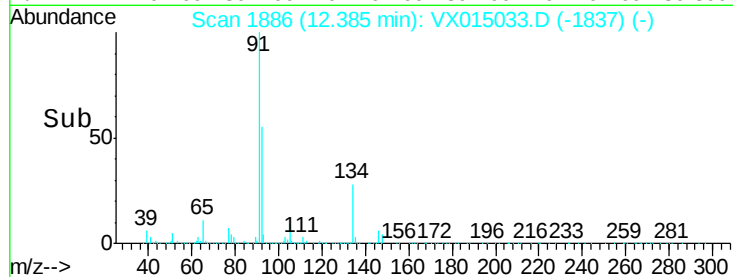
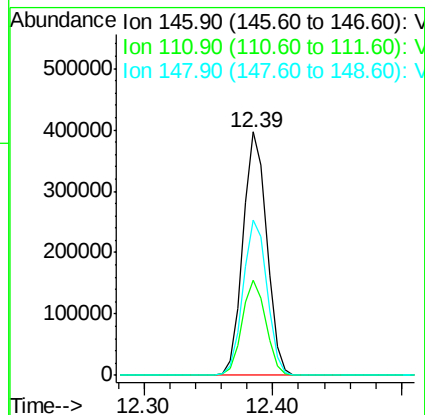
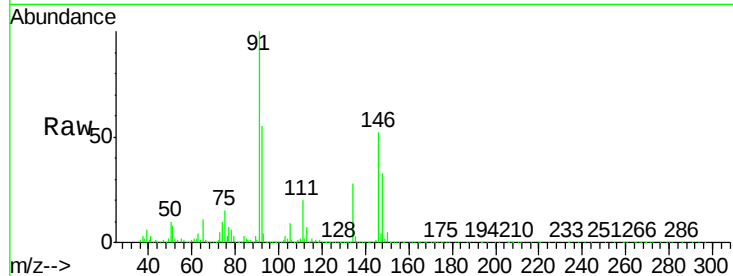
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	504523
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.8	59.3
148	64.4	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.699 ug/l

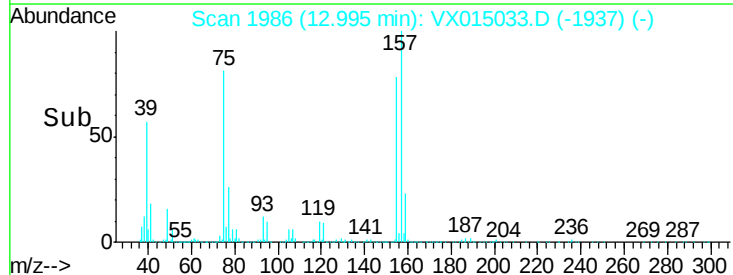
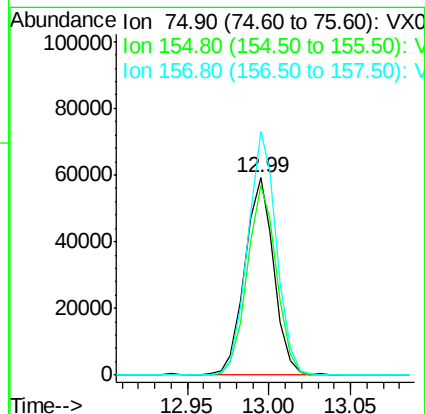
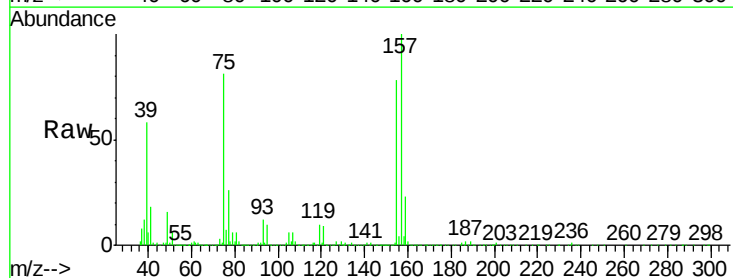
RT: 12.99 min Scan# 1886

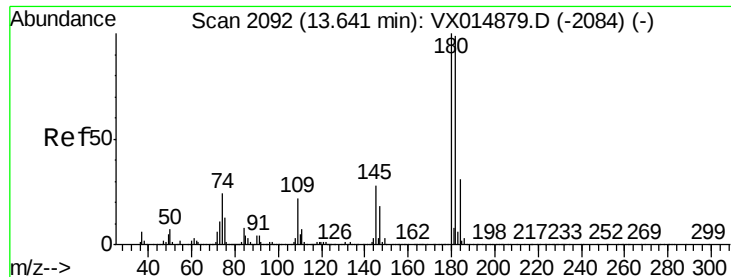
Delta R.T. -0.00 min

Lab File: VX015033.D

Acq: 27 Feb 2020 08:49

Tgt Ion:	75	Resp:	72709
Ion Ratio	Lower	Upper	
75	100		
155	97.5	48.6	145.9
157	124.0	62.0	186.0





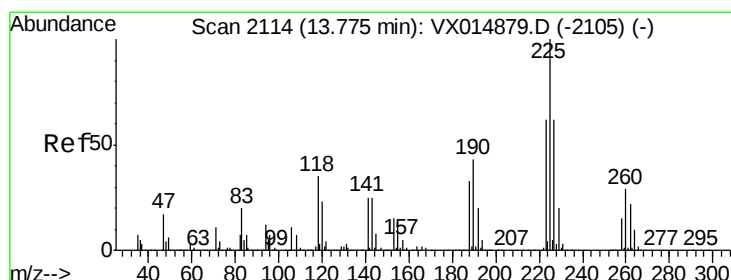
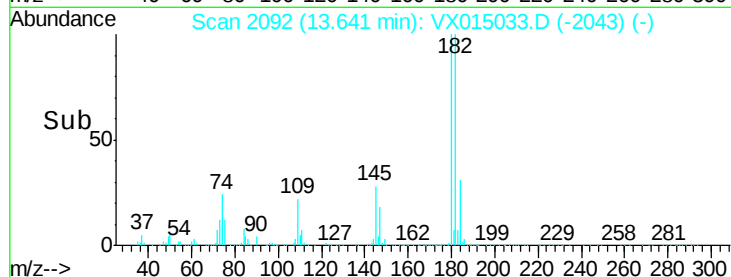
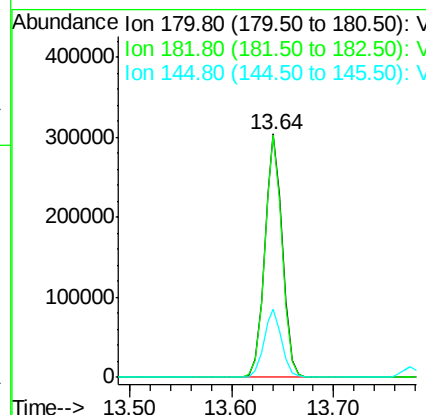
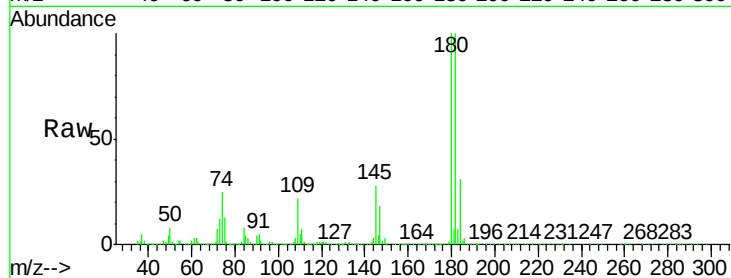
#93
 1,2,4-Trichlorobenzene
 Concen: 50.976 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	367227		
182	98.0	48.4	145.3	
145	28.1	14.1	42.4	

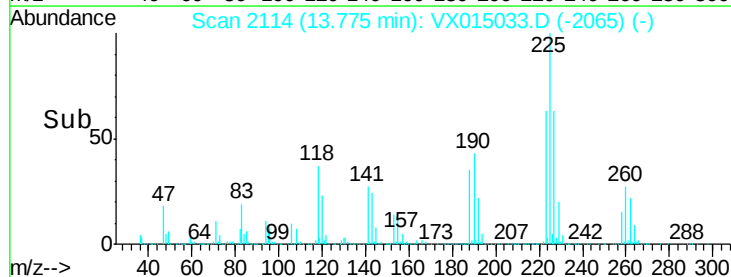
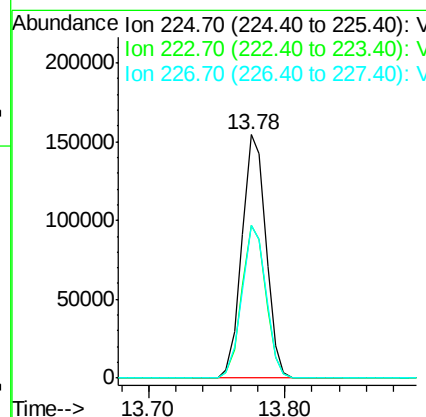
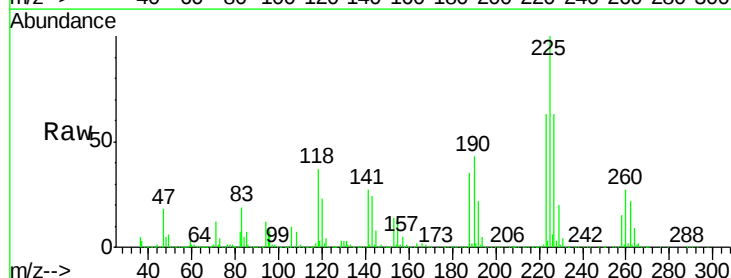
Manual Integrations
 APPROVED

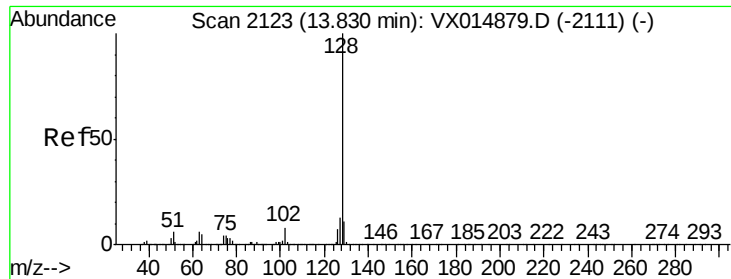
MMDadoda
 2/28/2020 11:28:31 AM



#94
 Hexachlorobutadiene
 Concen: 54.572 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015033.D
 Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190150		
223	62.5	31.1	93.2	
227	62.8	30.9	92.5	





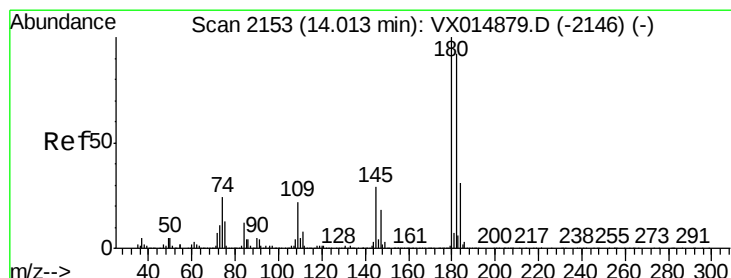
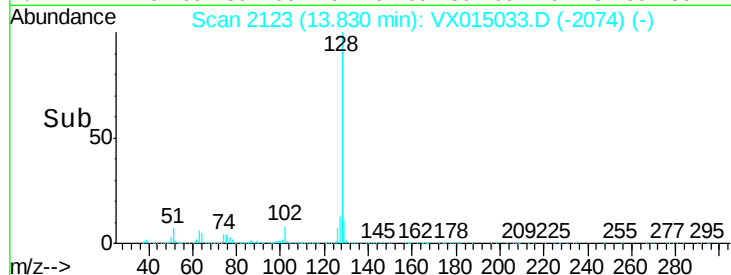
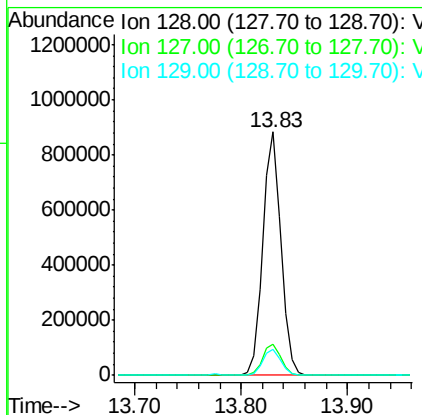
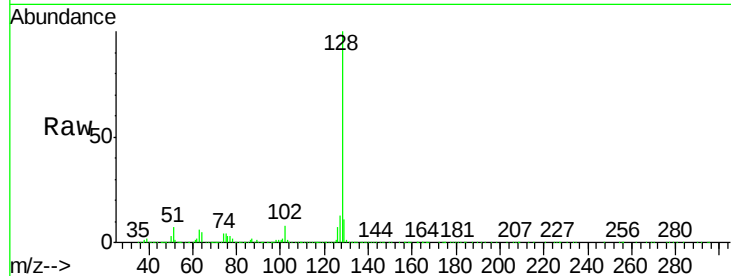
#95
Naphthalene
Concen: 55.083 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/28/2020 11:28:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.121 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015033.D
Acq: 27 Feb 2020 08:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	29.5	14.5	43.5

