

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015244.D
 Acq On : 13 Mar 2020 08:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:23 PM

Quant Time: Mar 16 08:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	305633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	419975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	142753	39.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.74%	
35) Dibromofluoromethane	5.48	113	130946	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	469959	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.13	95	173938	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	122416	45.740	ug/l	98
3) Chloromethane	1.32	50	163336	43.084	ug/l	100
4) Vinyl Chloride	1.40	62	166136	43.218	ug/l	99
5) Bromomethane	1.63	94	101701	43.033	ug/l	100
6) Chloroethane	1.72	64	104252	45.209	ug/l	100
7) Trichlorofluoromethane	1.92	101	214900	46.982	ug/l	97
8) Diethyl Ether	2.18	74	95357	46.027	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135428	47.059	ug/l	98
10) Methyl Iodide	2.50	142	131718	40.512	ug/l	99
11) Tert butyl alcohol	3.03	59	144698	230.008	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133732	45.027	ug/l	97
13) Acrolein	2.28	56	127929	216.387	ug/l	100
14) Allyl chloride	2.72	41	254170	49.079	ug/l	94
15) Acrylonitrile	3.12	53	379399	242.163	ug/l	100
16) Acetone	2.43	43	365126	248.649	ug/l	97
17) Carbon Disulfide	2.56	76	354586	42.990	ug/l	99
18) Methyl Acetate	2.76	43	170344	47.442	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	448727	48.348	ug/l	100
20) Methylene Chloride	2.84	84	152582	44.400	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	143523	45.256	ug/l	100
22) Diisopropyl ether	3.84	45	517712	50.177	ug/l	99
23) Vinyl Acetate	3.80	43	2123589	250.384	ug/l	99
24) 1,1-Dichloroethane	3.69	63	264953	46.268	ug/l	99
25) 2-Butanone	4.65	43	559091	260.068	ug/l	98
26) 2,2-Dichloropropane	4.56	77	213574	46.981	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	166086	46.682	ug/l	98
28) Bromochloromethane	5.00	49	131234	50.327	ug/l	96
29) Tetrahydrofuran	5.11	42	333636	240.757	ug/l	97
30) Chloroform	5.19	83	258369	46.291	ug/l	100
31) Cyclohexane	5.57	56	248716	48.693	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	219297	47.399	ug/l	99
36) 1,1-Dichloropropene	5.79	75	198731	51.187	ug/l	99
37) Ethyl Acetate	4.81	43	205194	56.976	ug/l	98
38) Carbon Tetrachloride	5.77	117	189620	51.741	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	232139	51.205	ug/l	99
40) Benzene	6.13	78	573798	49.814	ug/l	99
41) Methacrylonitrile	5.02	41	116751	53.971	ug/l	98
42) 1,2-Dichloroethane	6.18	62	189711	47.959	ug/l	99
43) Isopropyl Acetate	6.43	43	325196	51.328	ug/l	100
44) Trichloroethene	7.20	130	159530	49.730	ug/l	96
45) 1,2-Dichloropropane	7.50	63	152708	51.218	ug/l	98
46) Dibromomethane	7.65	93	93737	48.250	ug/l	97
47) Bromodichloromethane	7.89	83	190057	49.471	ug/l	99
48) Methyl methacrylate	7.76	41	162258	50.319	ug/l	96
49) 1,4-Dioxane	7.73	88	64760	928.868	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	963370	257.175	ug/l	100
52) Toluene	8.78	92	359601	51.058	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	214169	52.375	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	239495	51.808	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	143712	49.575	ug/l	97
56) Ethyl methacrylate	9.17	69	223360	54.019	ug/l	96
57) 1,3-Dichloropropane	9.36	76	243502	49.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	557771	247.614	ug/l	99
59) 2-Hexanone	9.48	43	750817	270.423	ug/l	99
60) Dibromochloromethane	9.57	129	155844	51.178	ug/l	99
61) 1,2-Dibromoethane	9.67	107	147503	48.444	ug/l	100
64) Tetrachloroethene	9.33	164	165163	51.923	ug/l	96
65) Chlorobenzene	10.13	112	387860	50.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	146710	50.373	ug/l	99
67) Ethyl Benzene	10.24	91	687570	52.423	ug/l	100
68) m/p-Xylenes	10.35	106	531375	106.486	ug/l	99
69) o-Xylene	10.69	106	250688	52.470	ug/l	100
70) Styrene	10.71	104	444577	54.270	ug/l	99
71) Bromoform	10.85	173	120488	53.349	ug/l	99
73) Isopropylbenzene	11.01	105	679007	50.418	ug/l	100
74) N-amyl acetate	10.89	43	279788	49.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203228	45.280	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	174506m	41.497	ug/l	
77) Bromobenzene	11.25	156	180912	48.202	ug/l	98
78) n-propylbenzene	11.35	91	792164	51.485	ug/l	100
79) 2-Chlorotoluene	11.42	91	457157	49.753	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	572901	51.101	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	72448	48.893	ug/l	96
82) 4-Chlorotoluene	11.51	91	537555	49.518	ug/l	100
83) tert-Butylbenzene	11.76	119	548583	50.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	582779	51.743	ug/l	100
85) sec-Butylbenzene	11.94	105	691123	52.813	ug/l	100
86) p-Isopropyltoluene	12.06	119	635724	52.728	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	325147	49.279	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	327861	48.130	ug/l	100
89) n-Butylbenzene	12.38	91	566904	52.867	ug/l	99
90) Hexachloroethane	12.59	117	111557	48.942	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	317571	48.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43355	48.239	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDCCC050

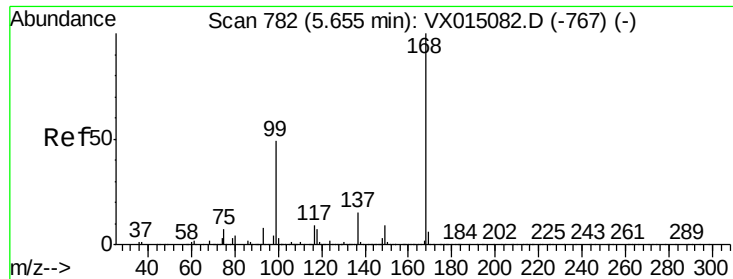
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	243808	53.544	ug/l	99
94) Hexachlorobutadiene	13.77	225	126977	54.343	ug/l	99
95) Naphthalene	13.83	128	644512	46.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	242102	53.290	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: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 305633

Ion Ratio Lower Upper

168 100

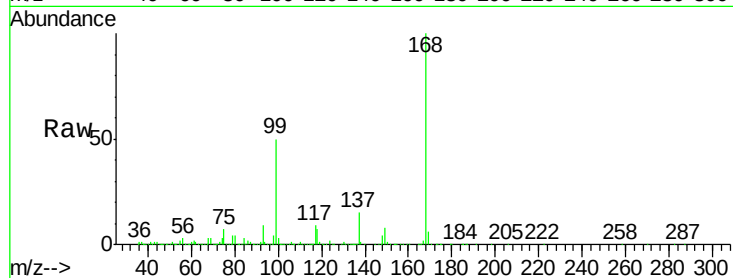
99 49.3 39.4 59.2

Manual Integrations

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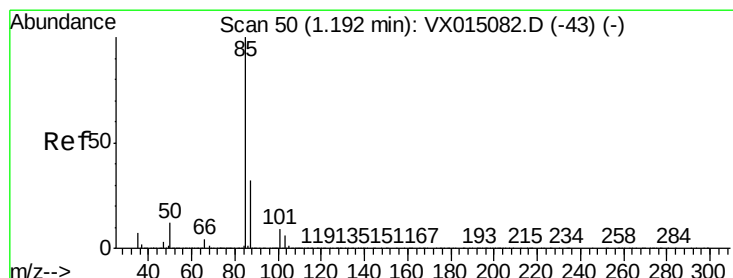
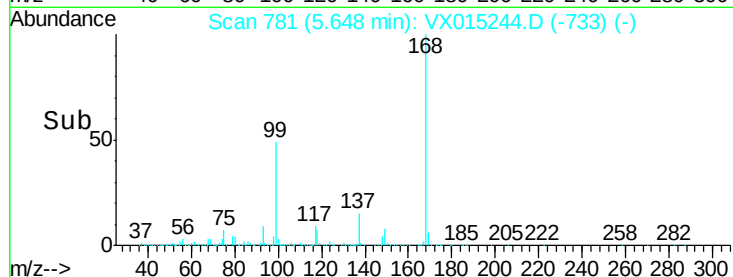
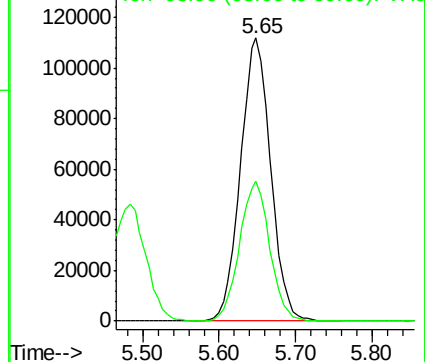
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.740 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015244.D

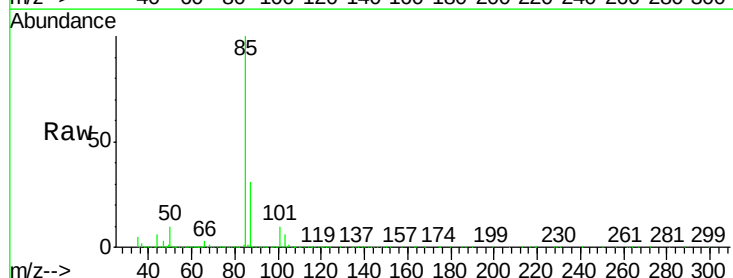
Acq: 13 Mar 2020 08:53

Tgt Ion: 85 Resp: 122416

Ion Ratio Lower Upper

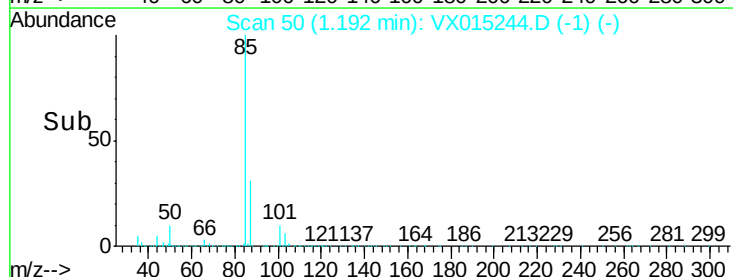
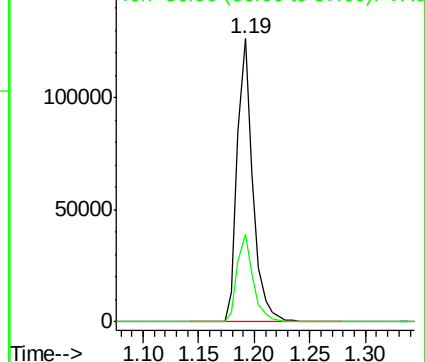
85 100

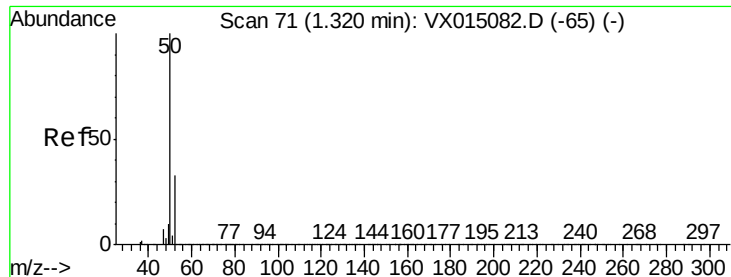
87 31.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.084 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tot Ion: 50 Resp: 163336

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2

Instrument :

MSVOA_X

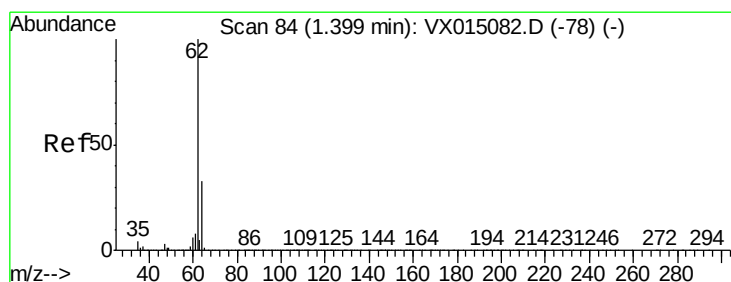
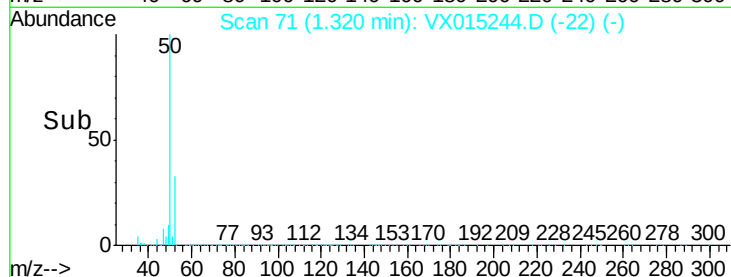
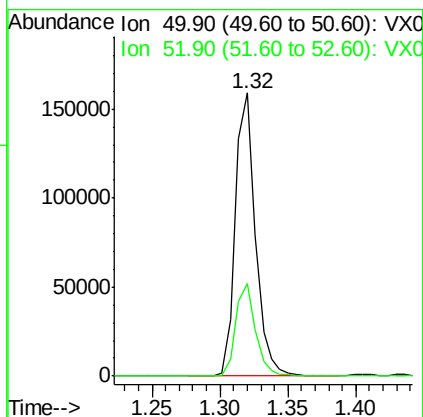
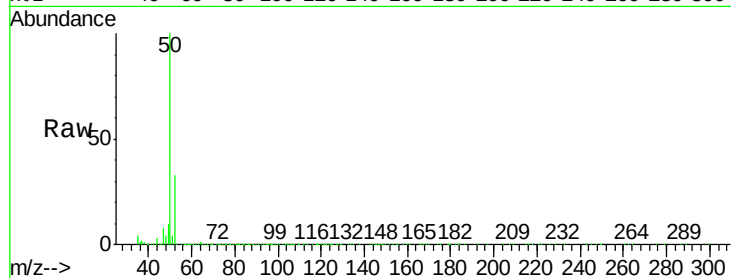
ClientSampleId :

VSTDCCC050

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#4

Vinyl Chloride

Concen: 43.218 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015244.D

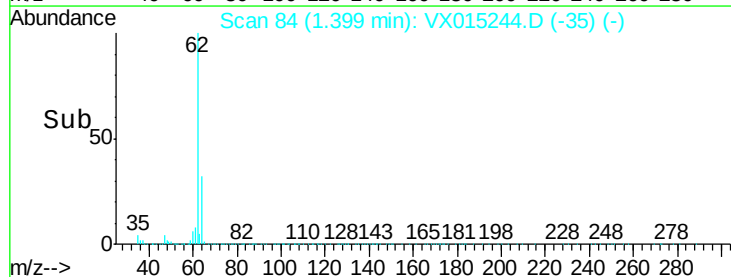
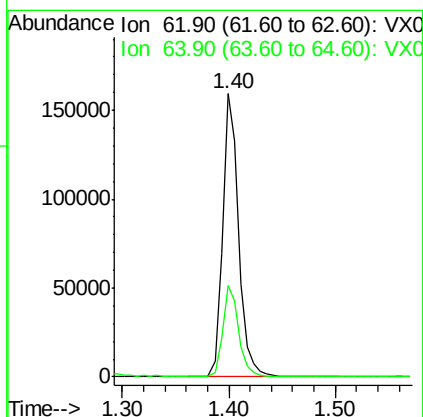
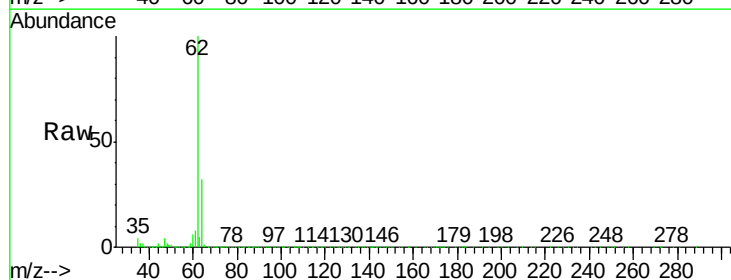
Acq: 13 Mar 2020 08:53

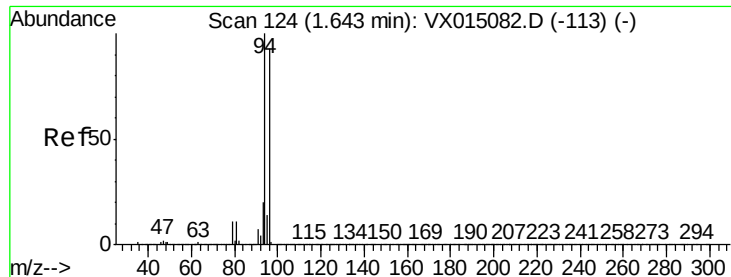
Tgt Ion: 62 Resp: 166136

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 43.033 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tot Ion: 94 Resp: 101701

Ion Ratio Lower Upper

94 100

96 93.1 74.6 111.8

Instrument :

MSVOA_X

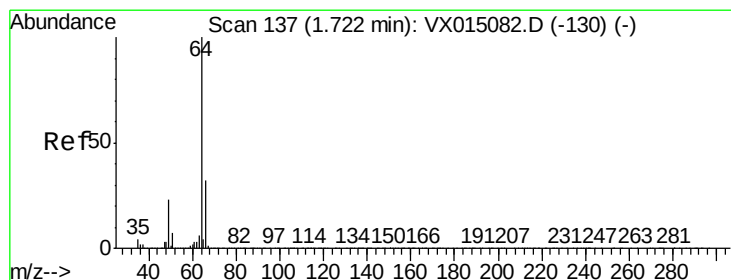
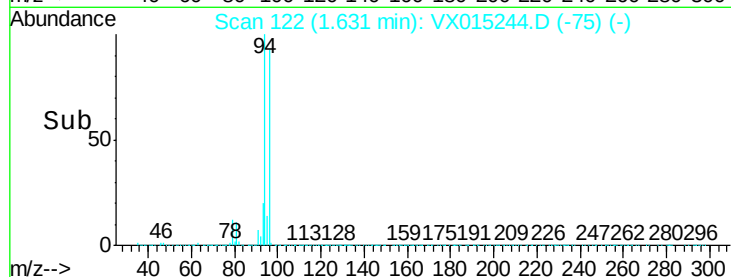
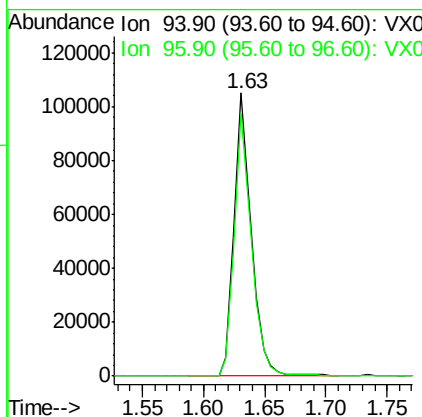
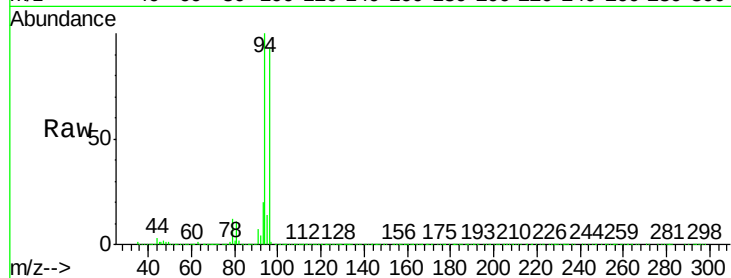
ClientSampleId :

VSTDCCC050

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#6

Chloroethane

Concen: 45.209 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015244.D

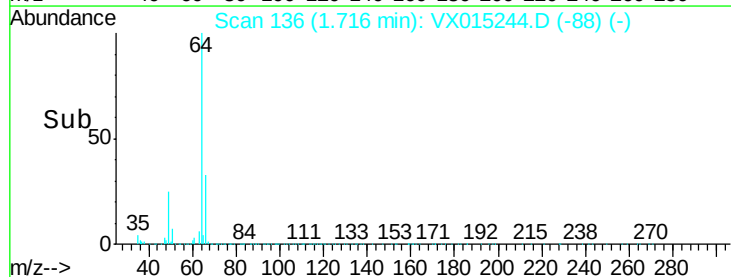
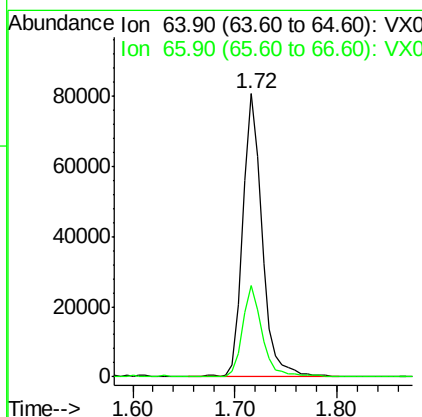
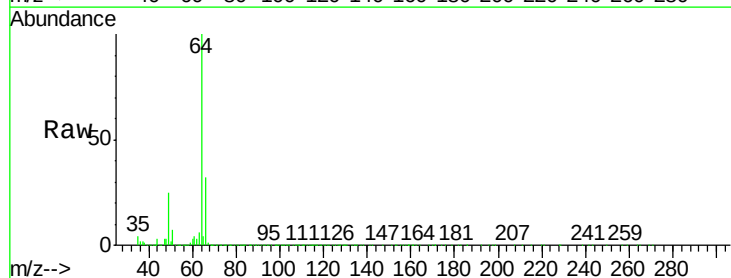
Acq: 13 Mar 2020 08:53

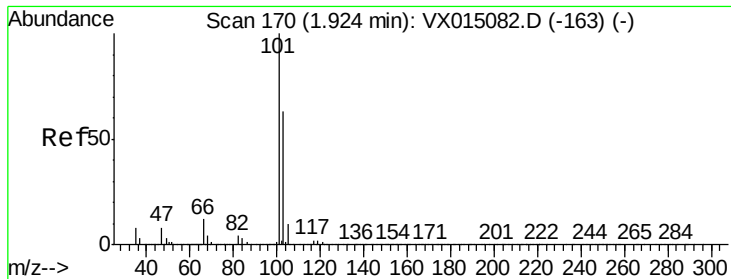
Tgt Ion: 64 Resp: 104252

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

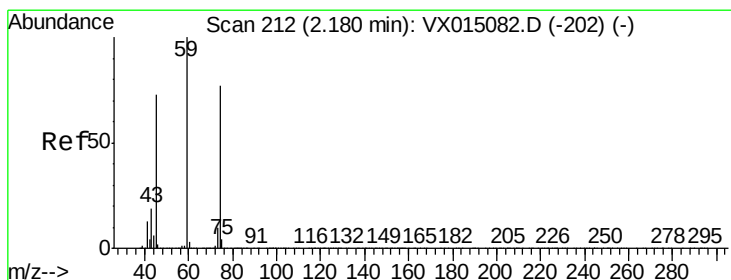
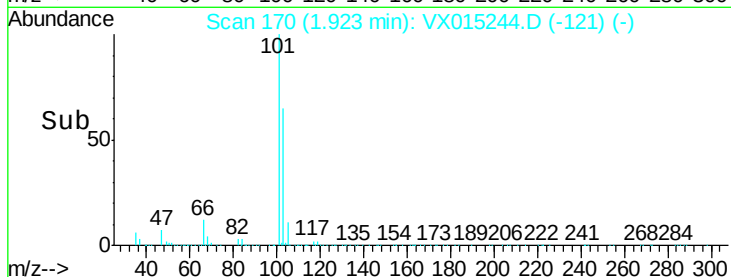
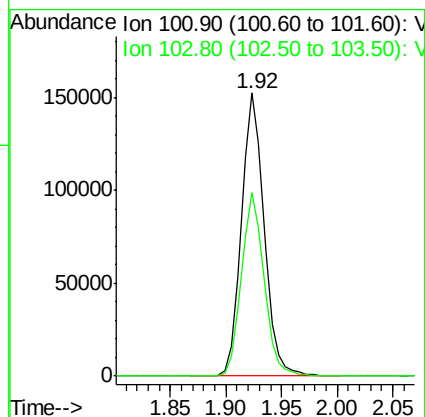
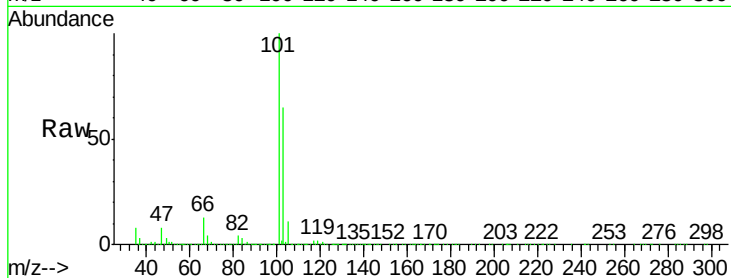
Trichlorofluoromethane
Concen: 46.982 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.4	75.6

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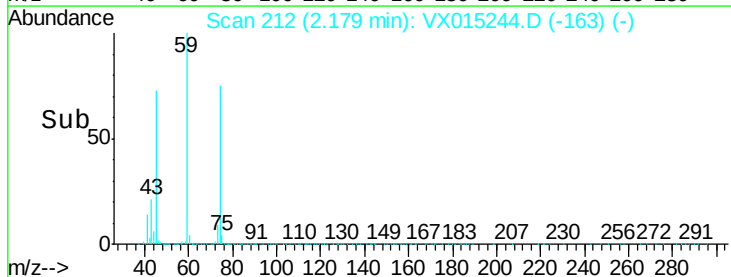
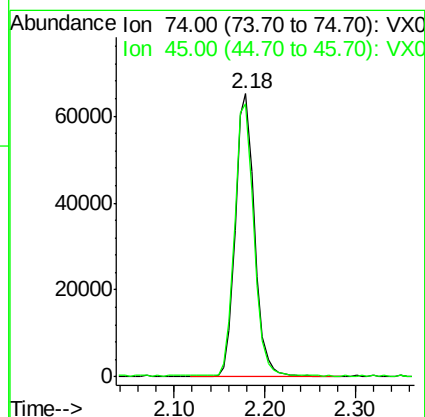
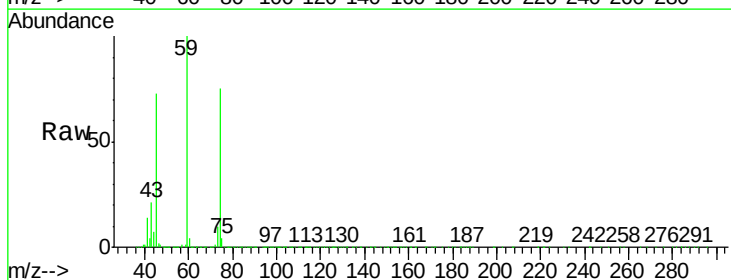
MMDadoda
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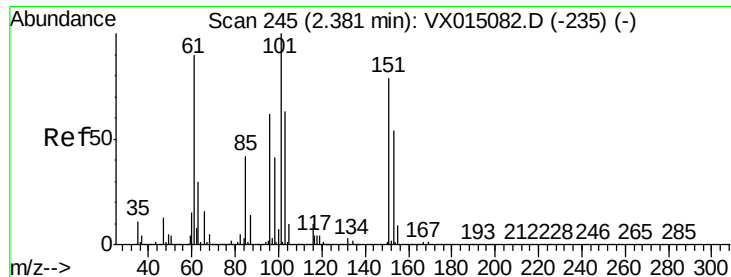


#8

Diethyl Ether
Concen: 46.027 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.059 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

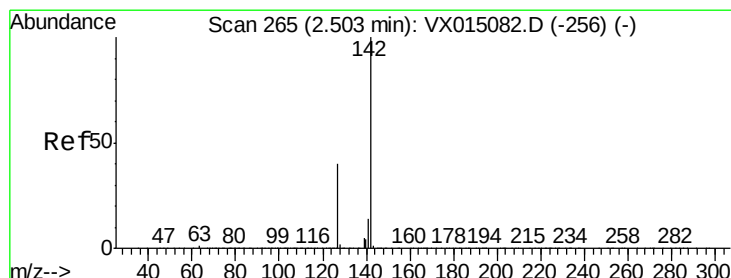
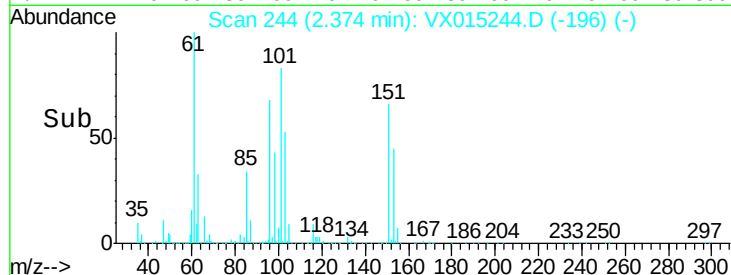
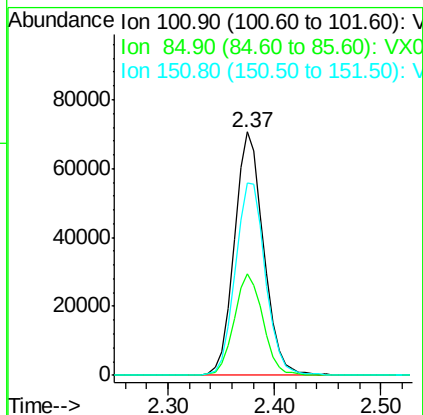
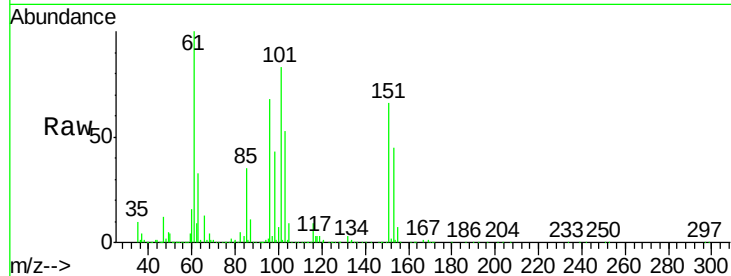
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135428
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.7	50.5
151	81.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 40.512 ug/l

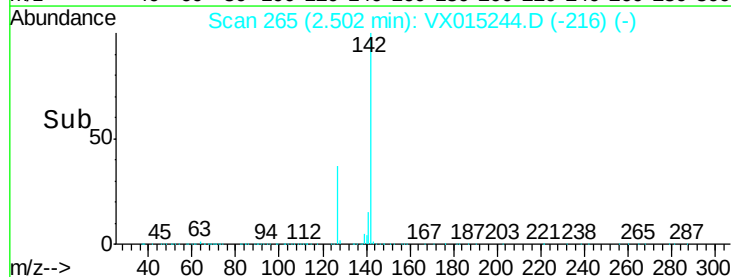
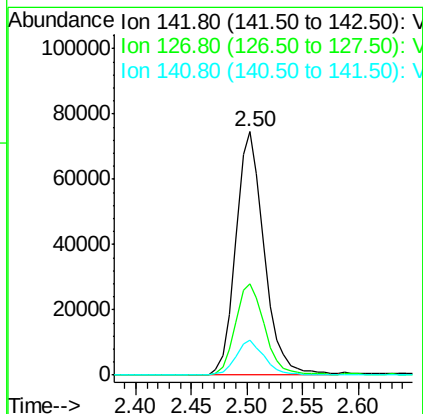
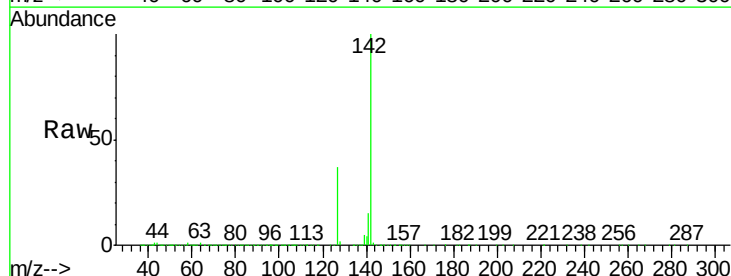
RT: 2.50 min Scan# 265

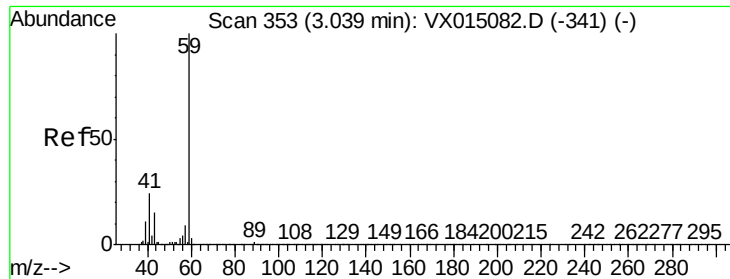
Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion:	142	Resp:	131718
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.7	47.5
141	14.8	11.3	16.9





#11

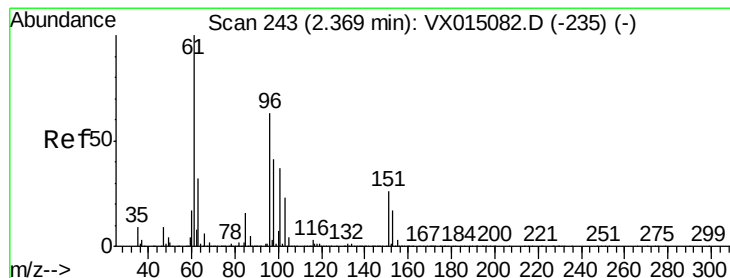
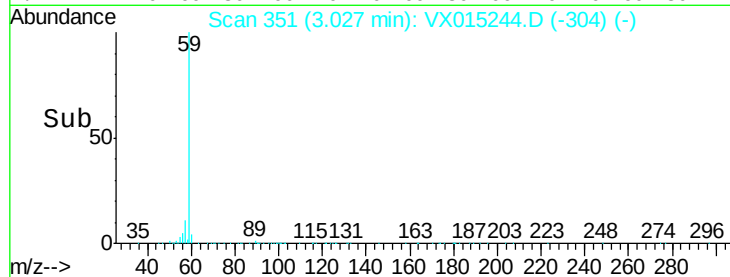
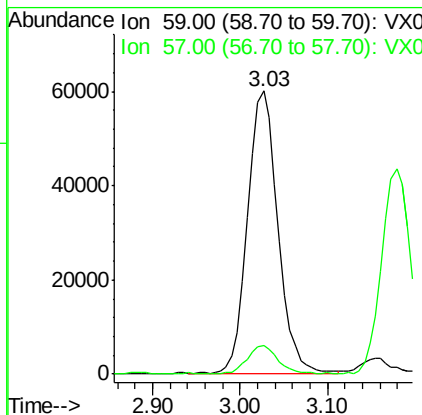
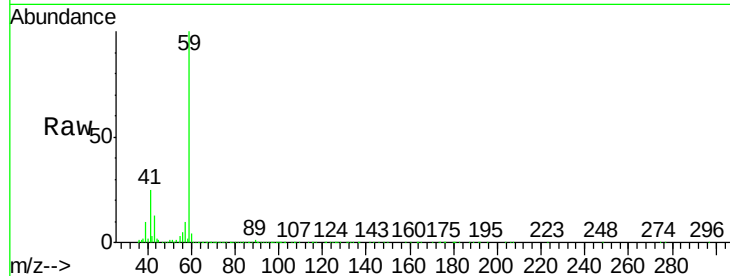
Tert butyl alcohol
Concen: 230.008 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	144698		
57	9.8		8.2	12.4

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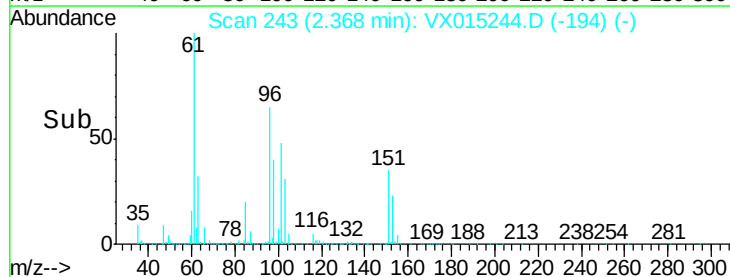
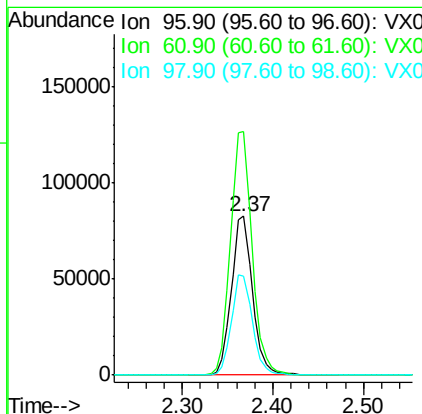
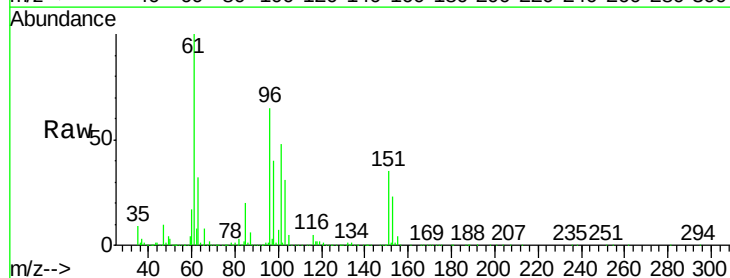
MMDadoda
3/16/2020 2:07:23 PM

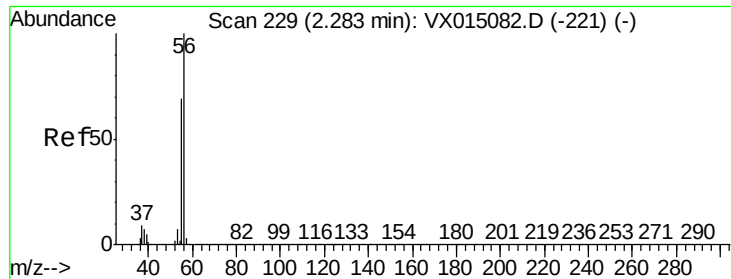


#12

1,1-Dichloroethene
Concen: 45.027 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	133732		
61	153.4		126.2	189.4
98	61.9		51.4	77.0





#13

Acrolein

Concen: 216.387 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 127929

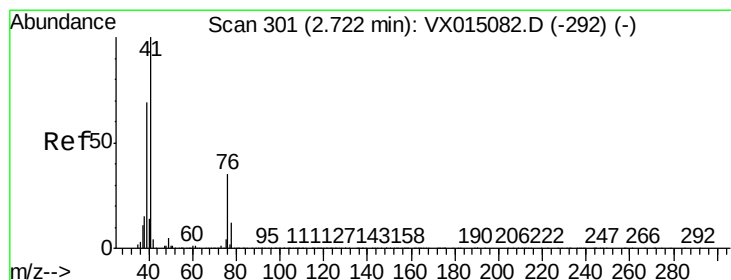
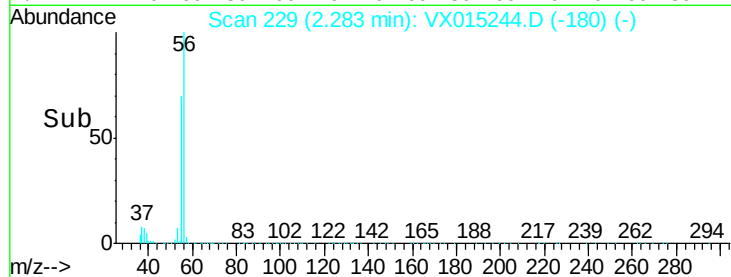
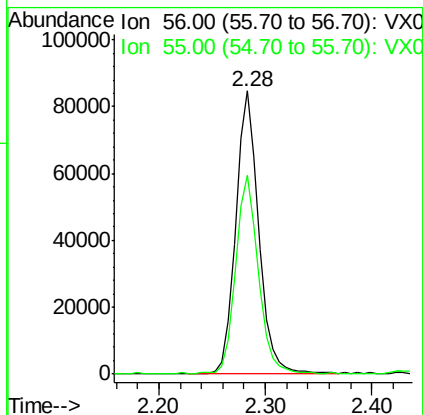
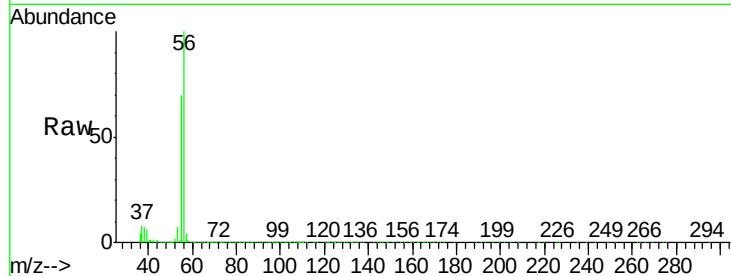
Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 49.079 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

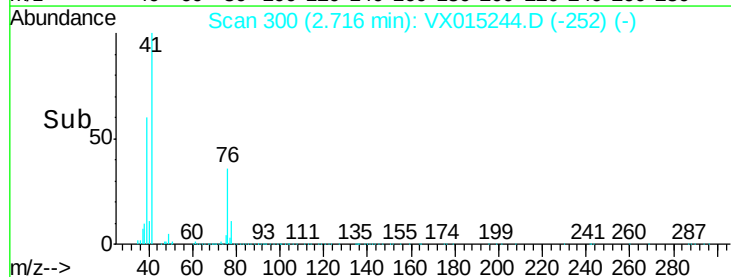
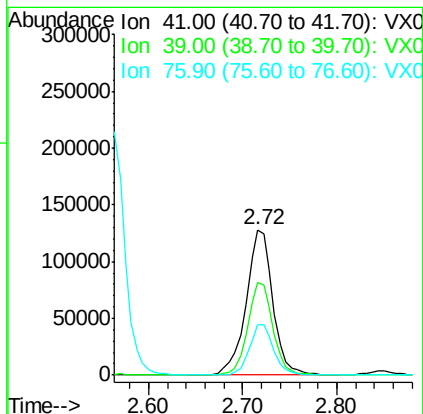
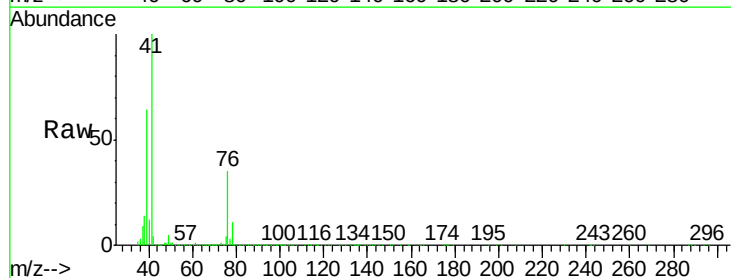
Tgt Ion: 41 Resp: 254170

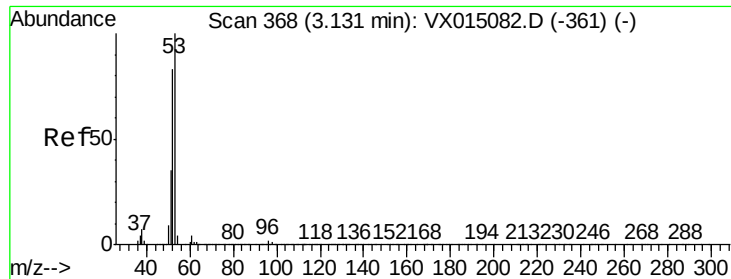
Ion Ratio Lower Upper

41 100

39 59.9 52.9 79.3

76 31.4 26.8 40.2





#15

Acrylonitrile

Concen: 242.163 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

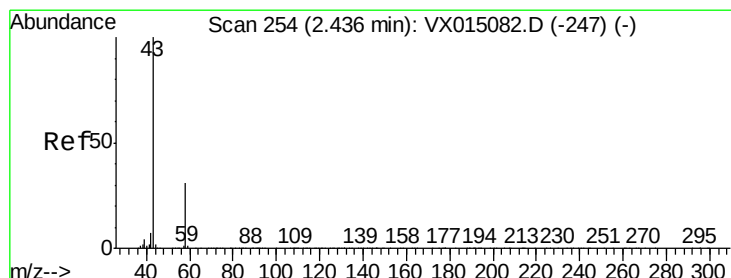
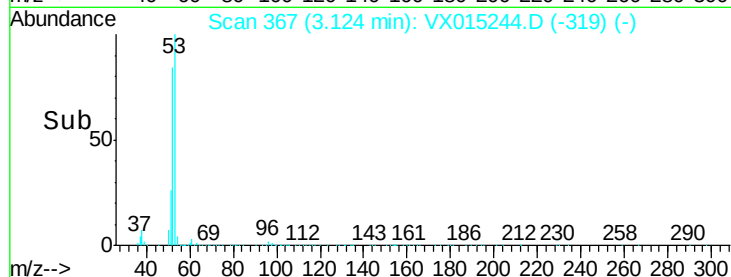
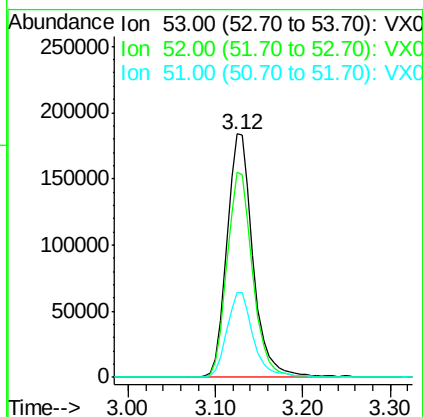
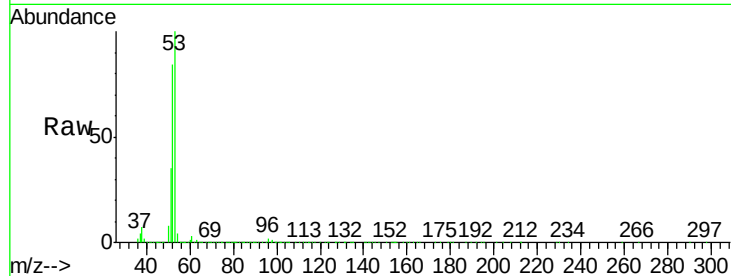
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	379399
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	35.4	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 248.649 ug/l

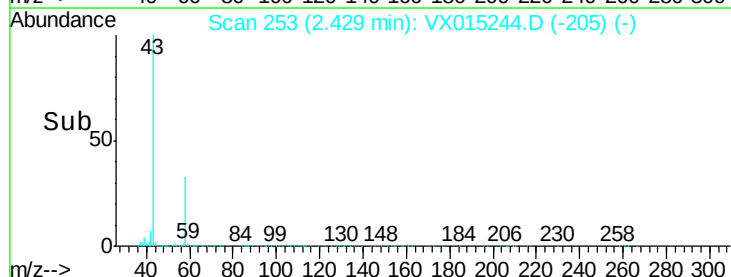
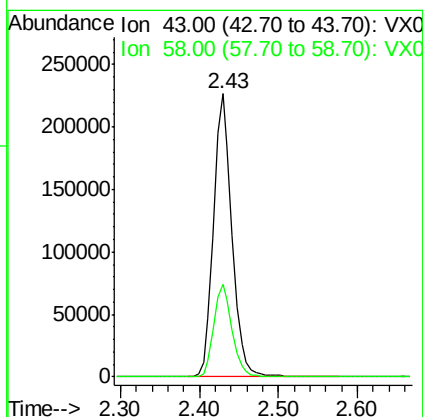
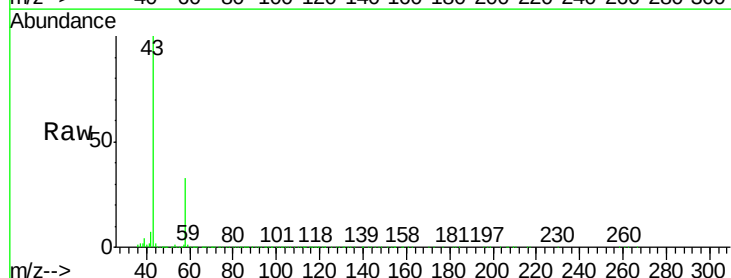
RT: 2.43 min Scan# 253

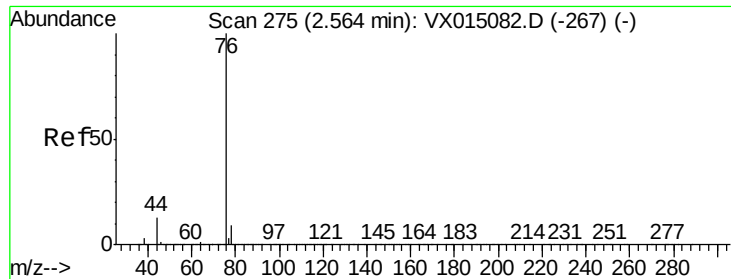
Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion:	43	Resp:	365126
Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.8	37.2





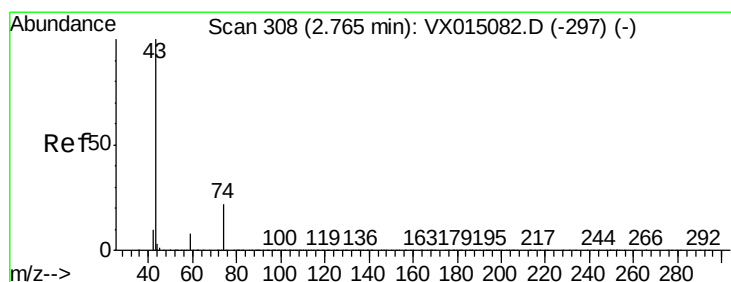
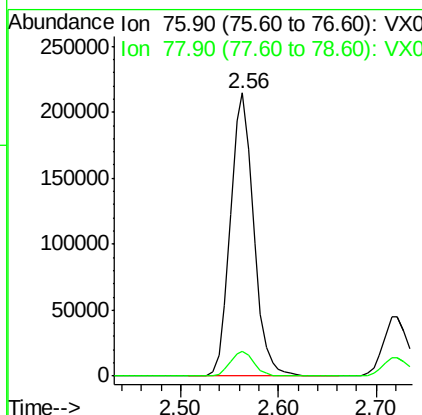
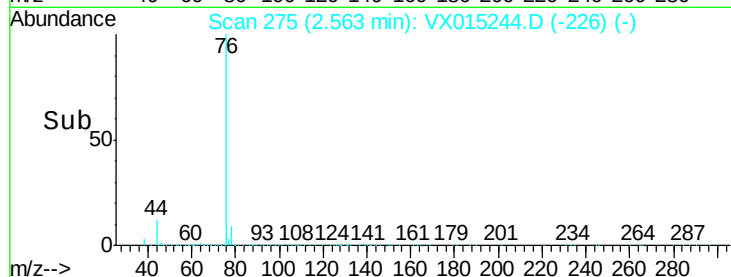
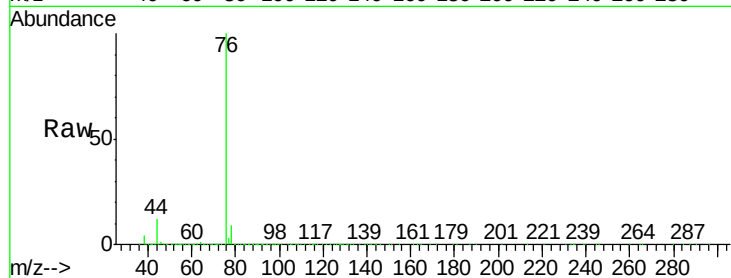
#17
Carbon Disulfide
Concen: 42.990 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

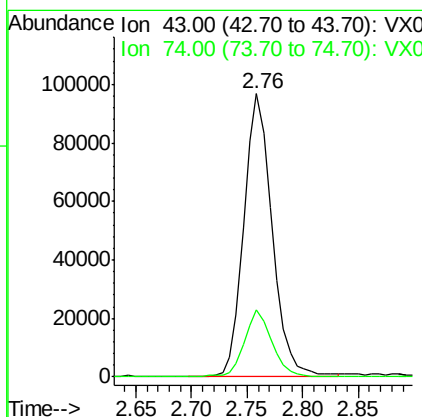
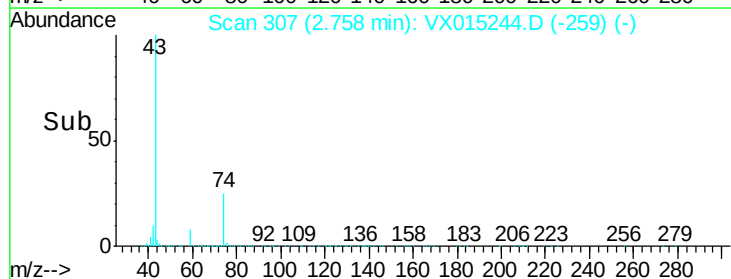
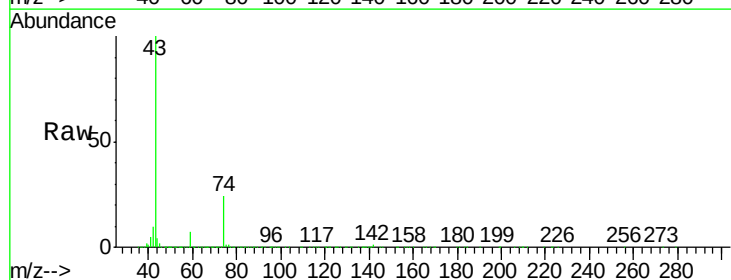
Manual Integrations
APPROVED

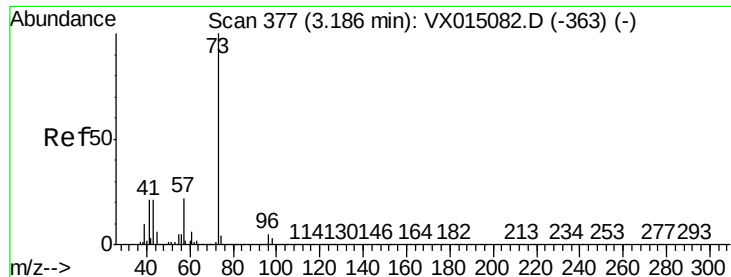
MMDadoda
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#18
Methyl Acetate
Concen: 47.442 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.8	28.2





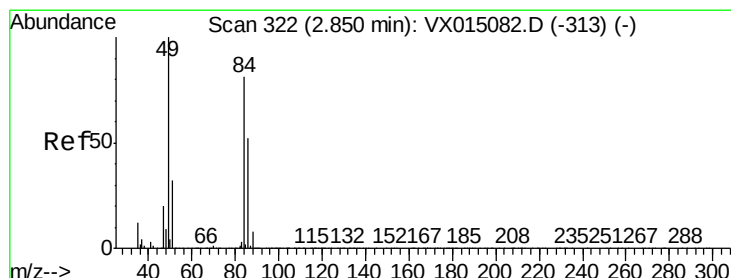
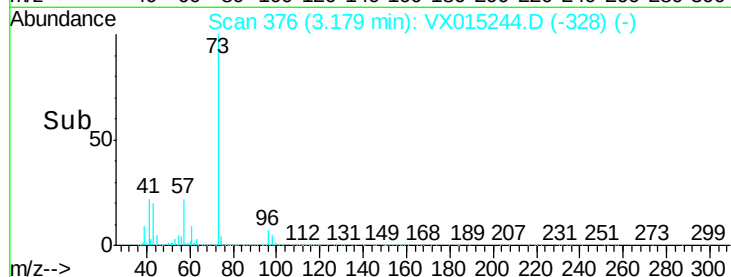
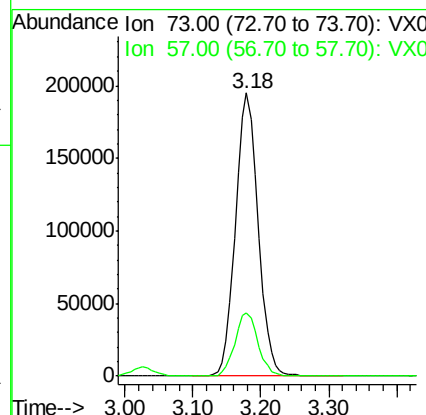
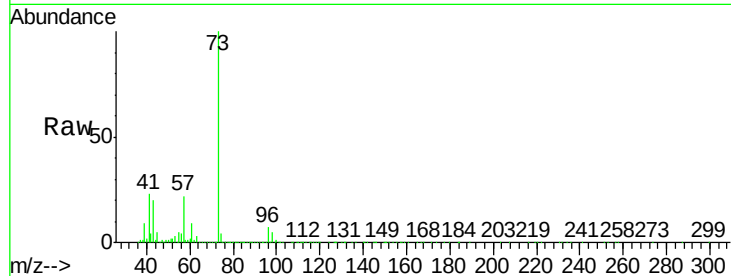
#19
Methyl tert-butyl Ether
Concen: 48.348 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

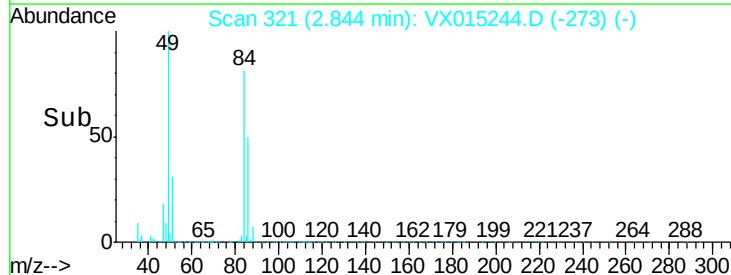
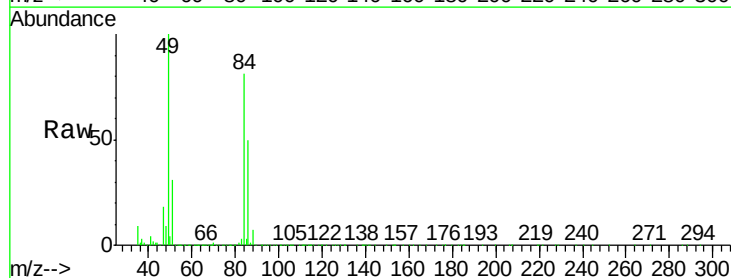
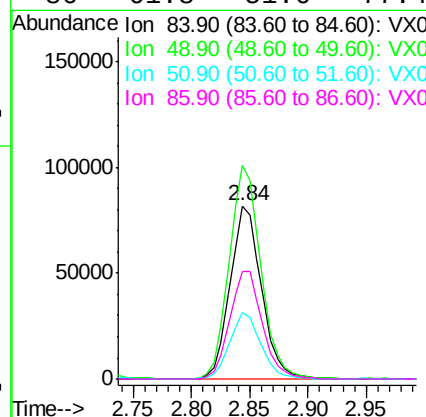
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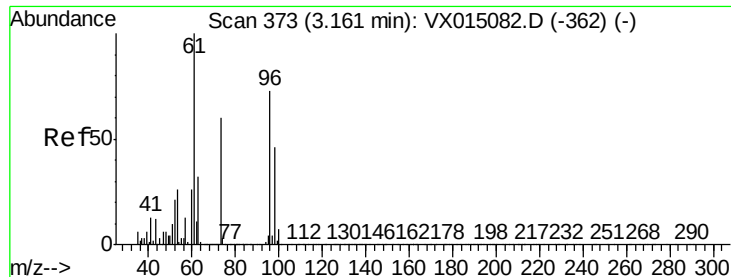
MMDadoda
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#20
Methylene Chloride
Concen: 44.400 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	99.4	149.2
51	37.9	31.5	47.3
86	61.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.256 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

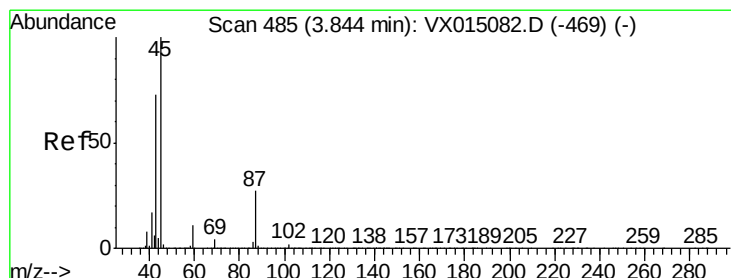
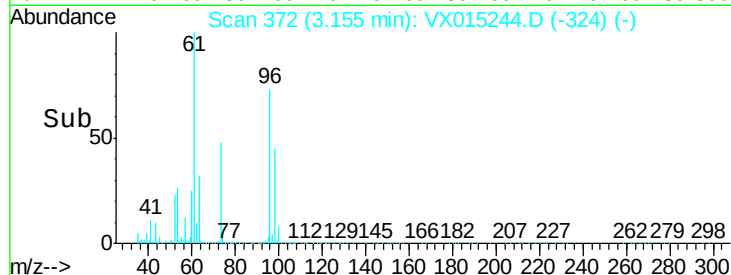
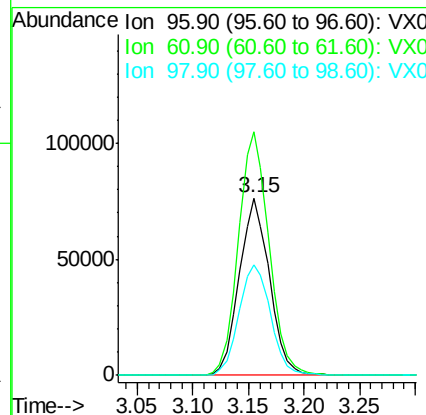
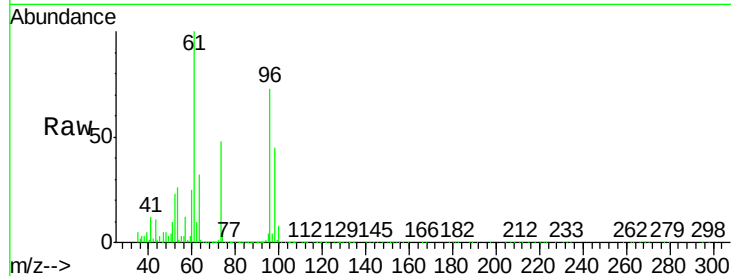
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	143523
Ion Ratio	Lower	Upper	
96	100		
61	137.0	109.9	164.9
98	62.0	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.177 ug/l

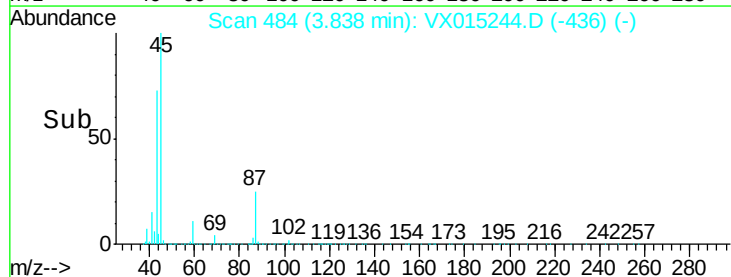
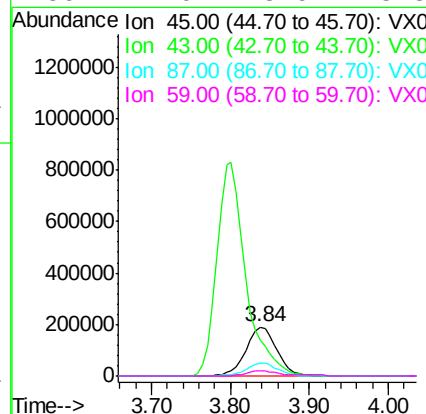
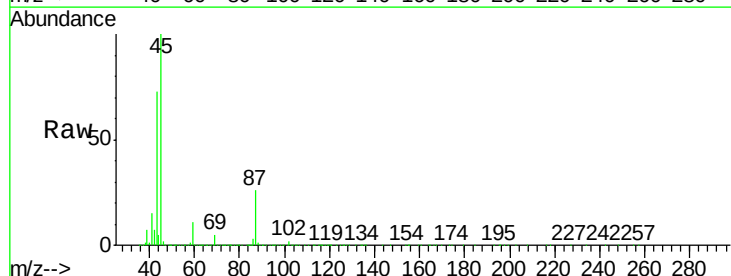
RT: 3.84 min Scan# 484

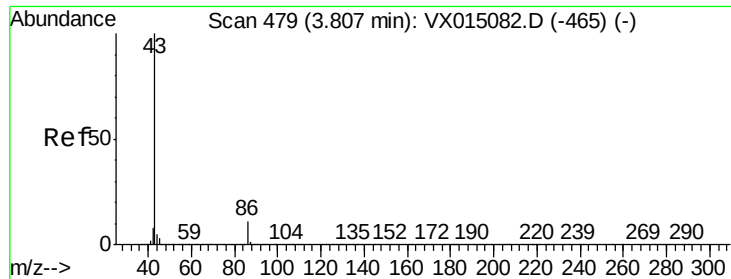
Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion:	45	Resp:	517712
Ion Ratio	Lower	Upper	
45	100		
43	72.5	58.2	87.2
87	25.5	21.2	31.8
59	11.0	8.9	13.3





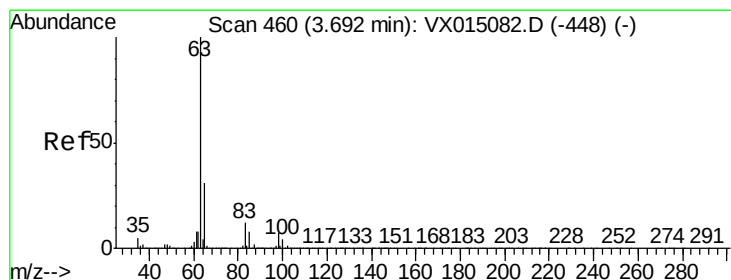
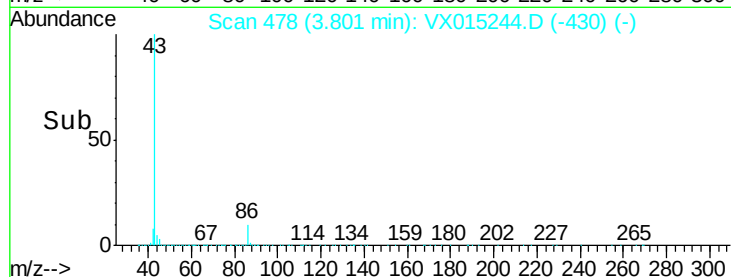
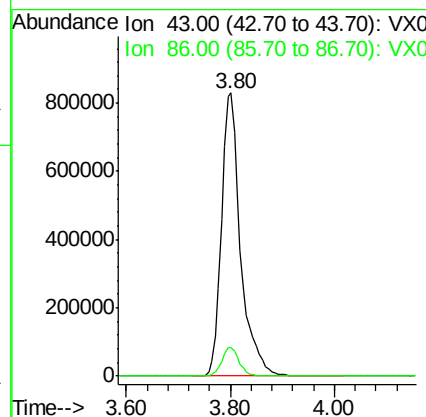
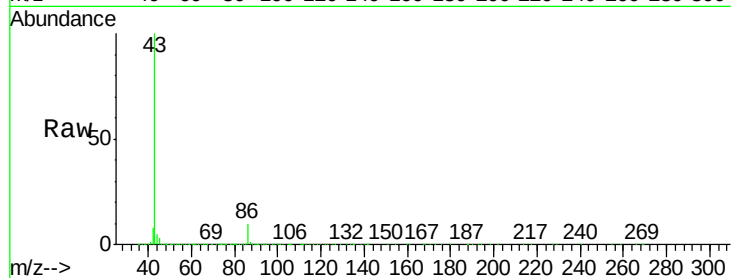
#23
 Vinyl Acetate
 Concen: 250.384 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2123589
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8

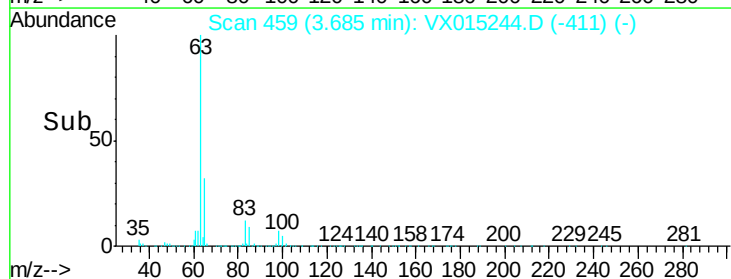
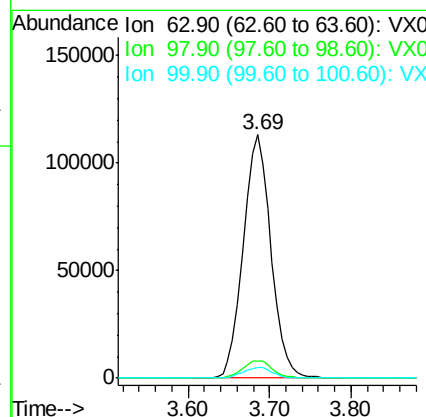
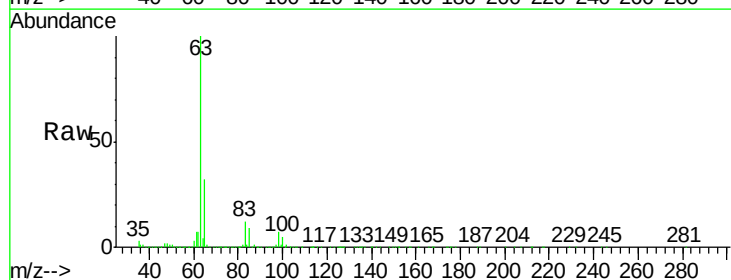
Manual Integrations
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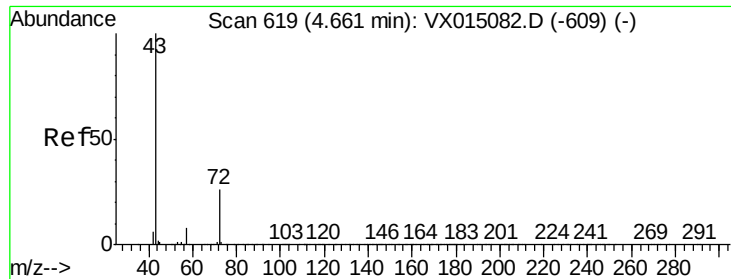
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 46.268 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion: 63 Resp: 264953
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 260.068 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tot Ion: 43 Resp: 559091

Ion Ratio Lower Upper

43 100

72 24.7 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

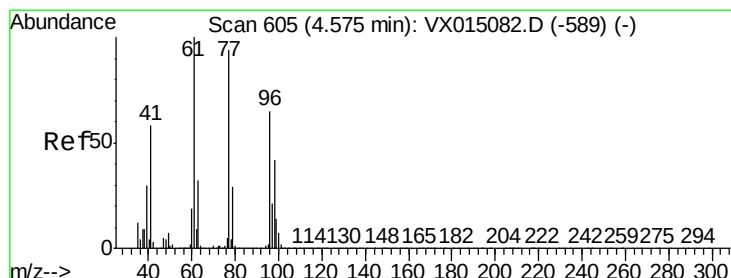
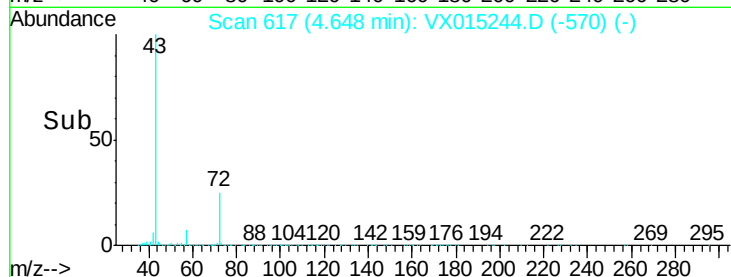
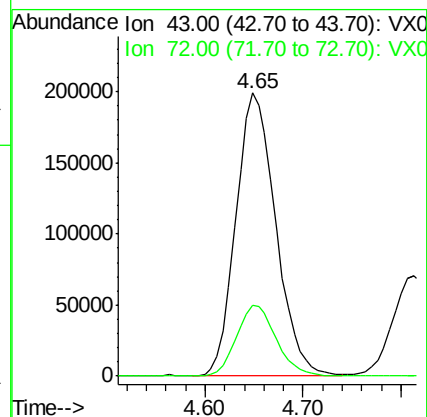
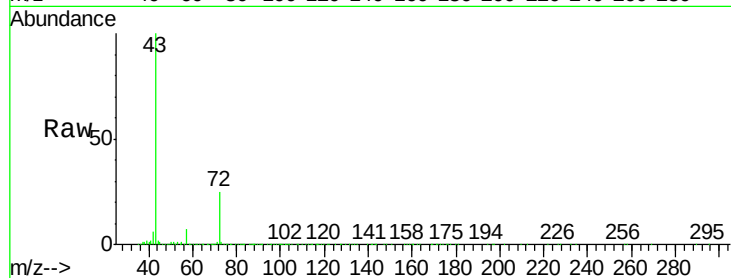
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.981 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015244.D

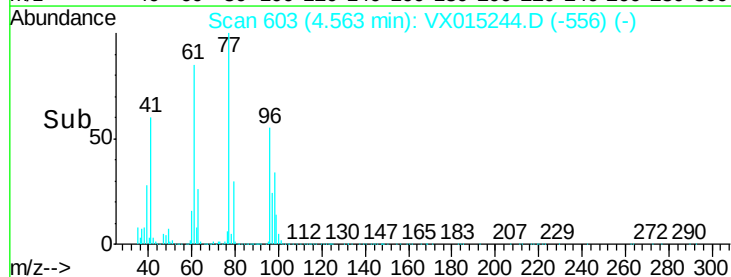
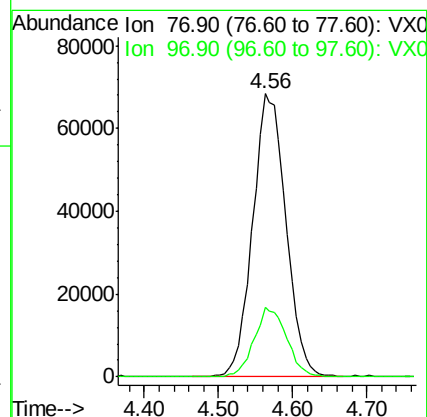
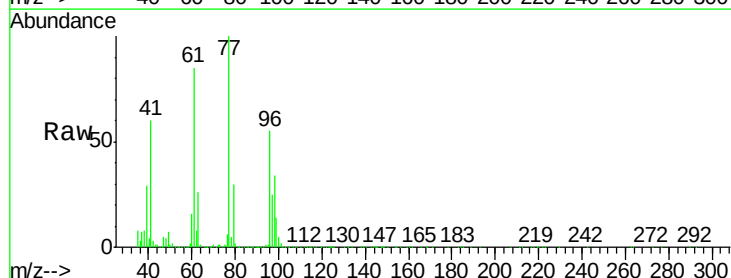
Acq: 13 Mar 2020 08:53

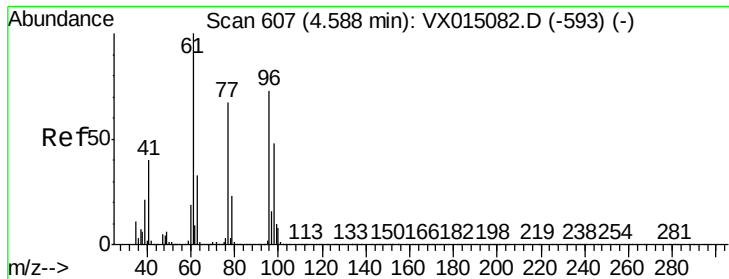
Tgt Ion: 77 Resp: 213574

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4





#27

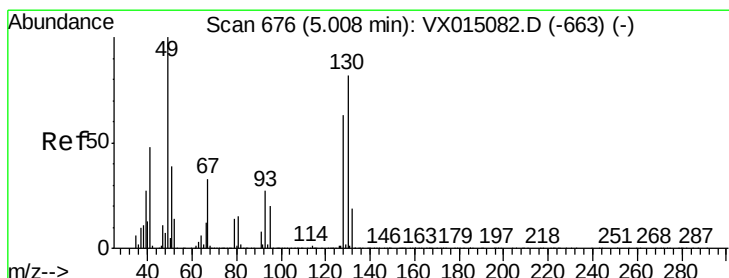
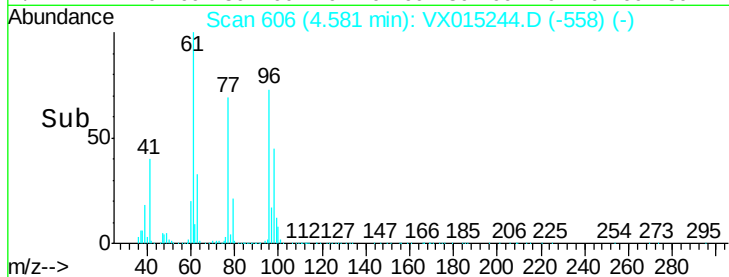
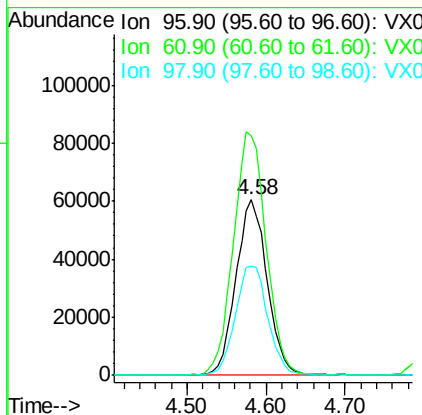
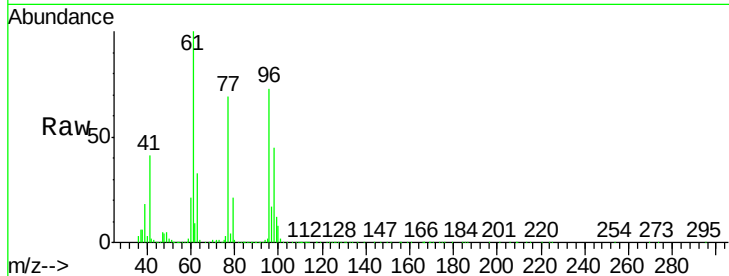
cis-1,2-Dichloroethene
Concen: 46.682 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166086		
61	145.9	0.0	286.8	
98	65.2	0.0	128.4	

Manual Integrations
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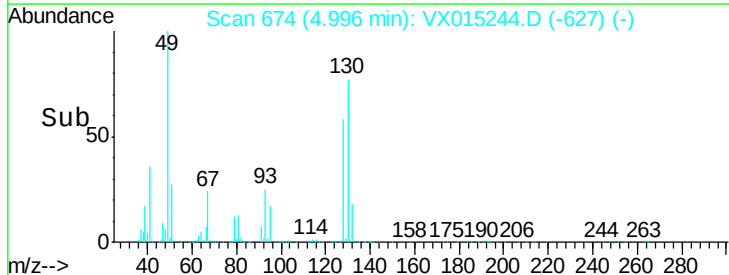
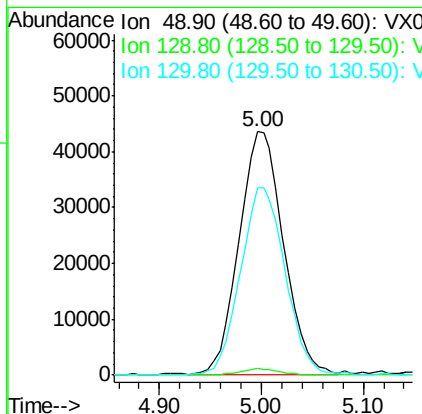
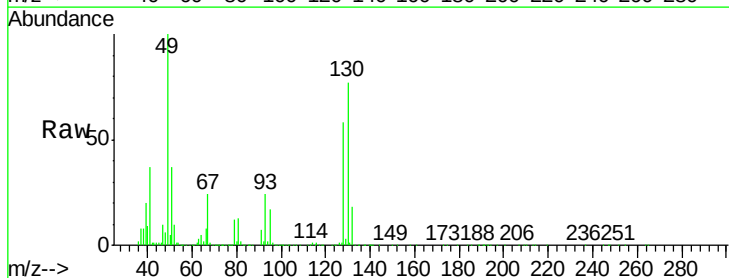
MMDadoda
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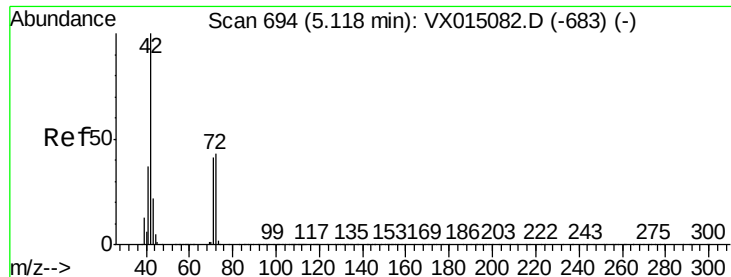


#28

Bromochloromethane
Concen: 50.327 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131234		
129	2.5	0.0	4.4	
130	78.0	65.0	97.6	





#29

Tetrahydrofuran

Concen: 240.757 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

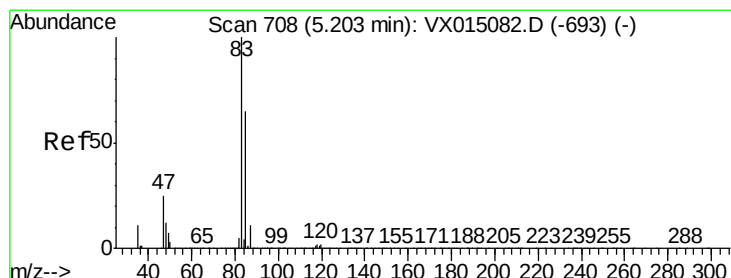
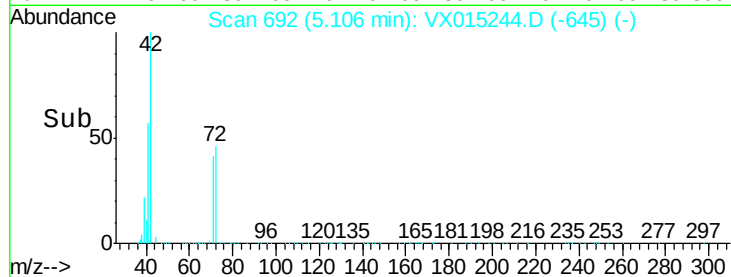
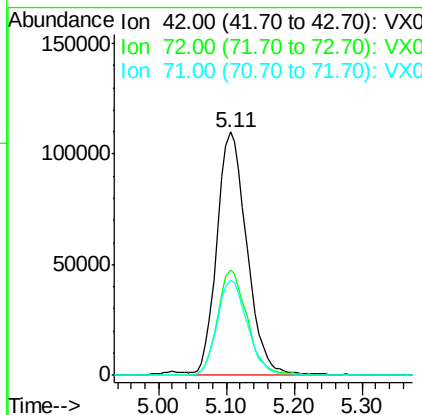
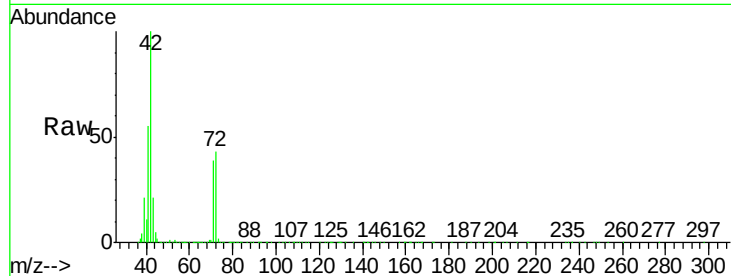
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	333636
Ion Ratio		Lower	Upper
42	100		
72	43.4	36.4	54.6
71	39.8	33.3	49.9

Manual Integrations
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3/16/2020 2:07:23 PM



#30

Chloroform

Concen: 46.291 ug/l

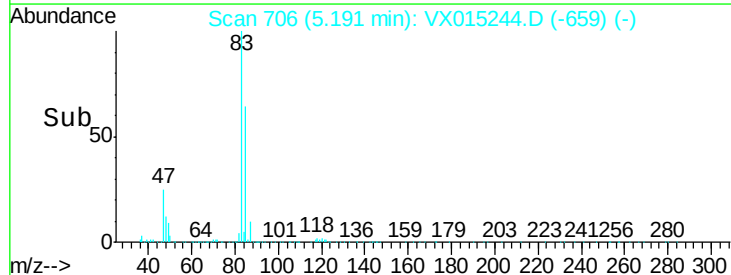
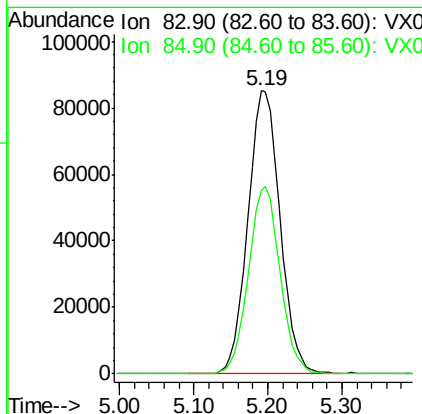
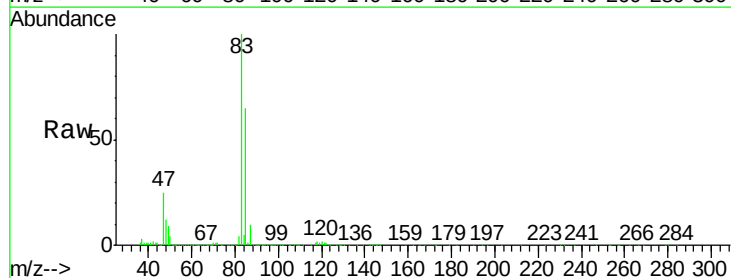
RT: 5.19 min Scan# 706

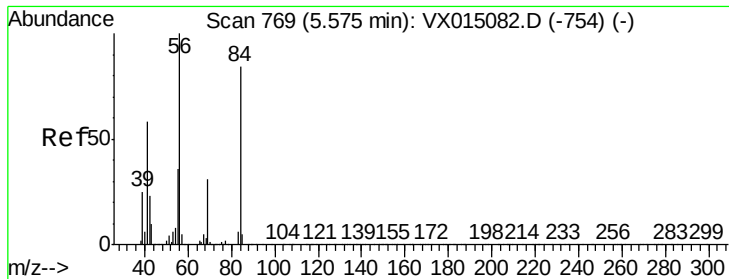
Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion:	83	Resp:	258369
Ion Ratio		Lower	Upper
83	100		
85	64.6	52.0	78.0





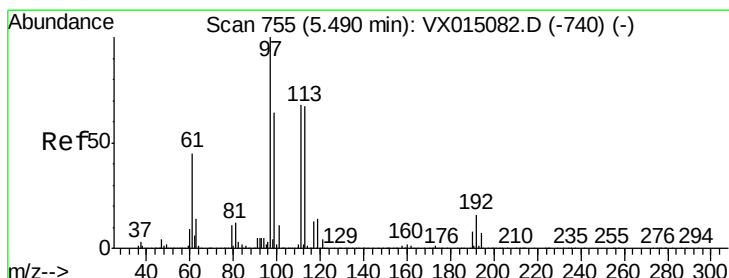
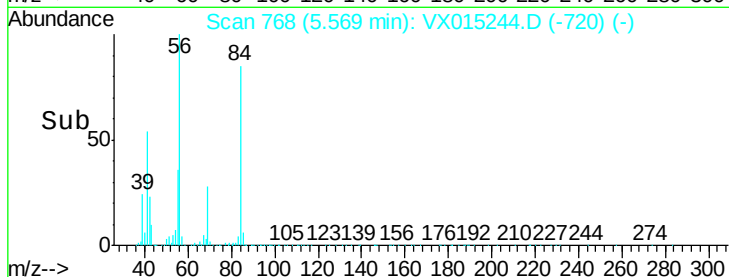
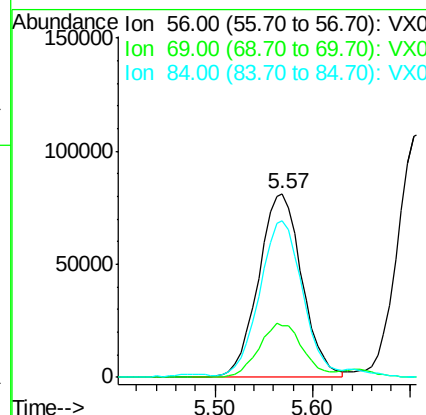
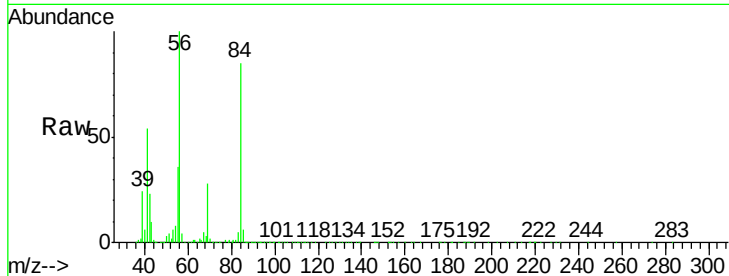
#31
Cyclohexane
Concen: 48.693 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	25.0	37.6
84	83.7	67.6	101.4

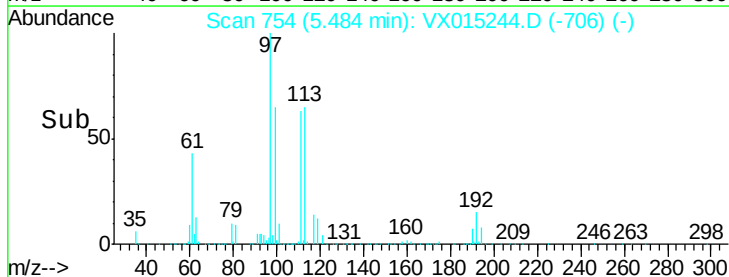
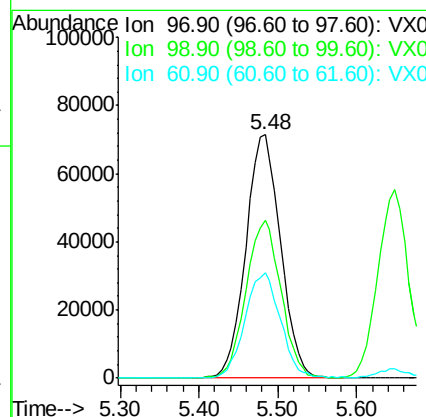
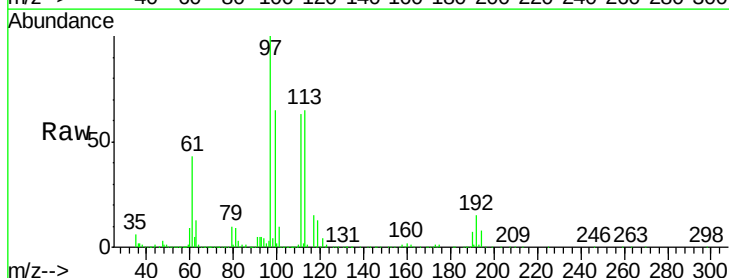
Manual Integrations
APPROVED

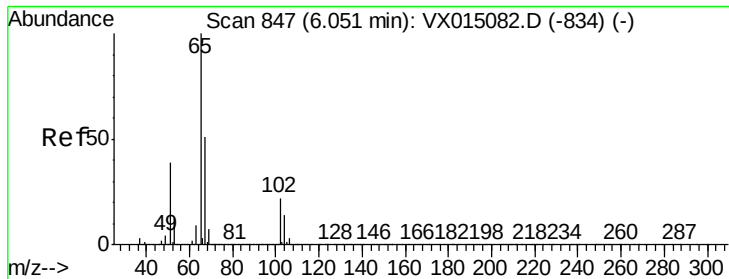
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#32
1,1,1-Trichloroethane
Concen: 47.399 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.8	79.2
61	44.5	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 39.370 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 142753

Ion Ratio Lower Upper

65 100

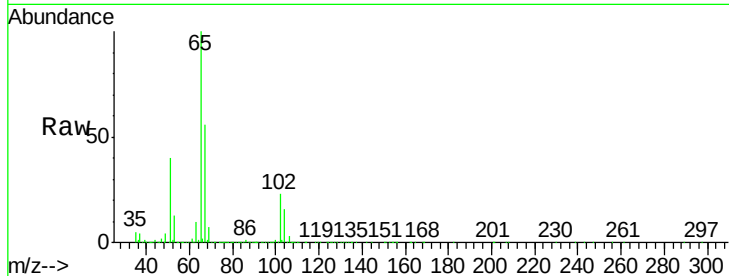
67 54.5 0.0 105.6

Manual Integrations

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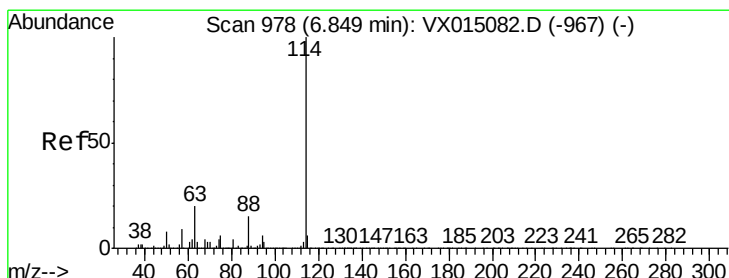
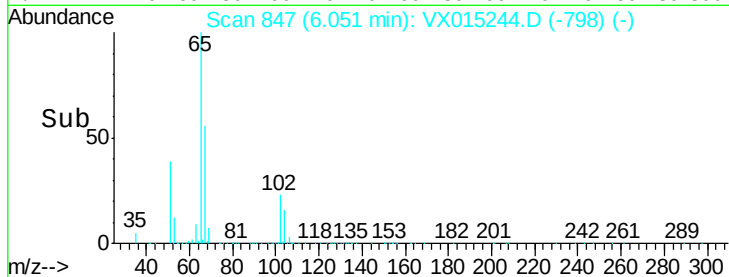
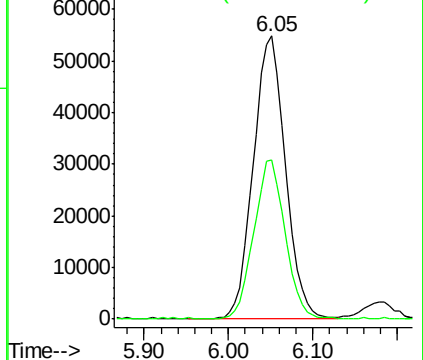
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

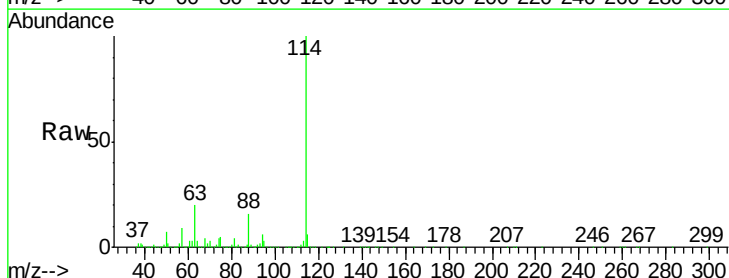
Tgt Ion: 114 Resp: 419975

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

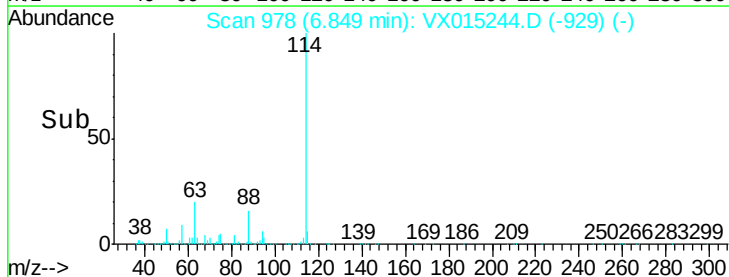
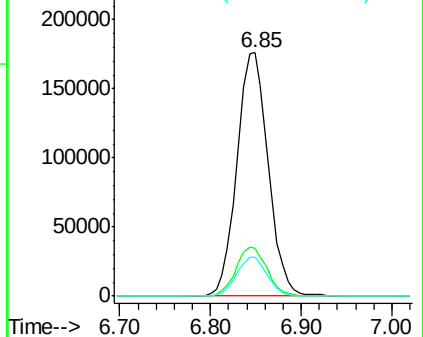
88 16.1 0.0 30.6

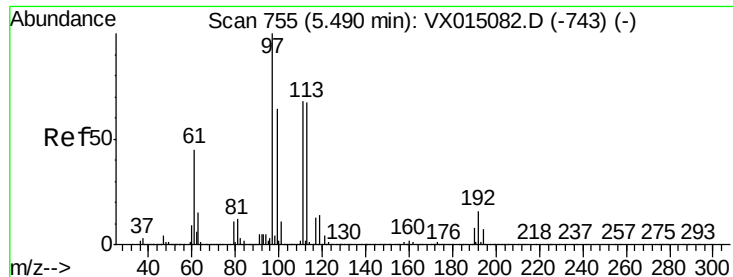


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.423 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

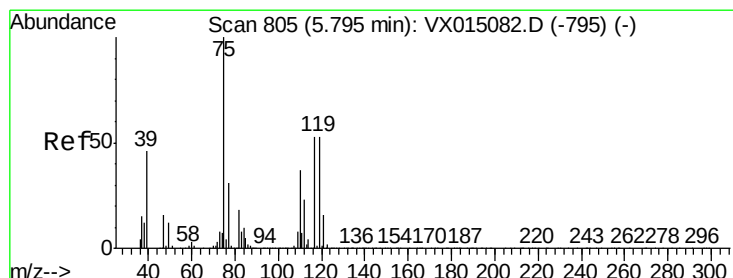
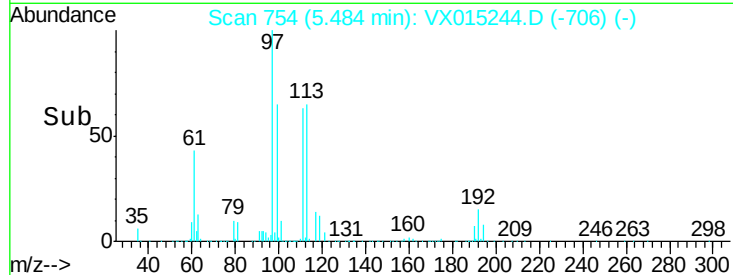
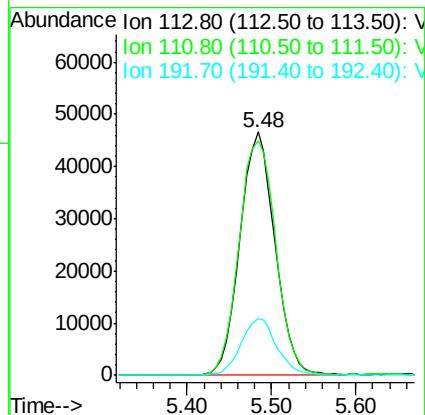
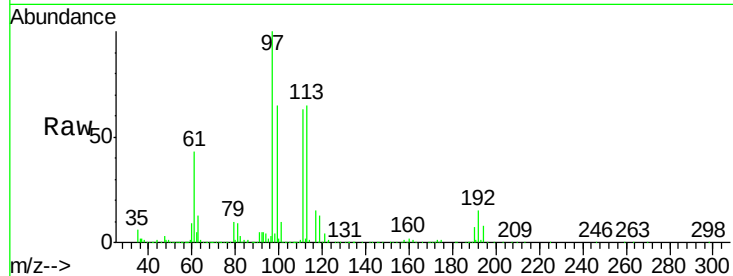
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	130946
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	123.8
192	23.8	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.187 ug/l

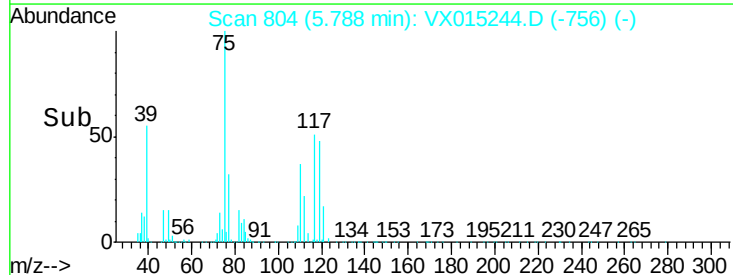
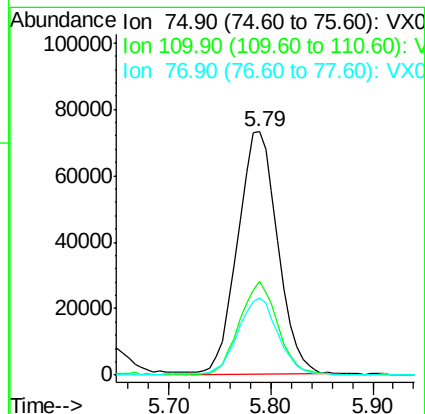
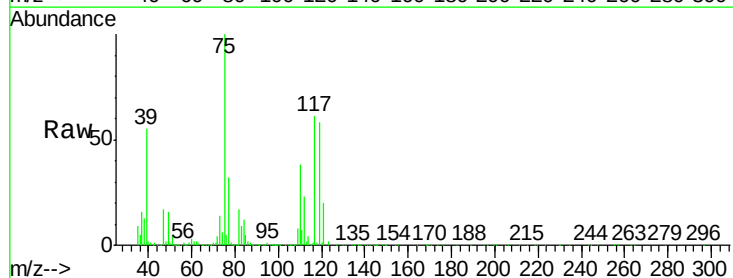
RT: 5.79 min Scan# 804

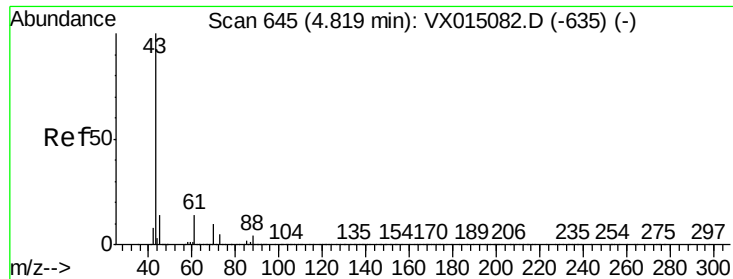
Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion:	75	Resp:	198731
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.9	53.8
77	31.2	24.8	37.2





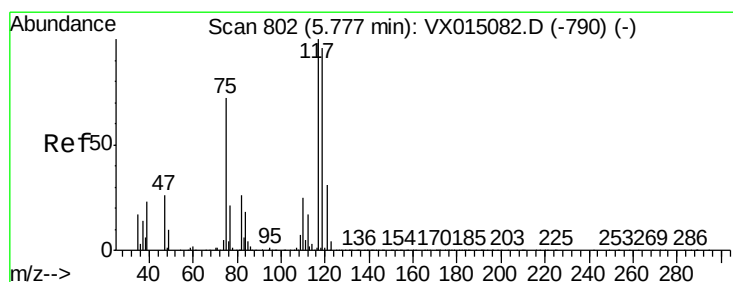
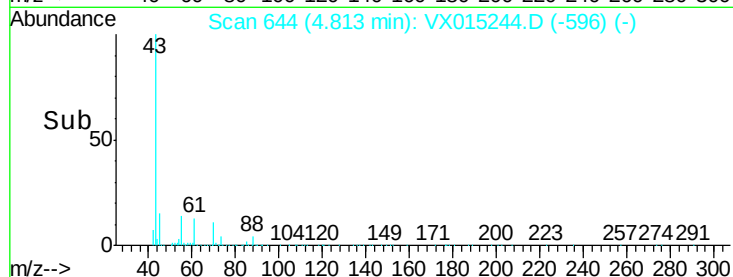
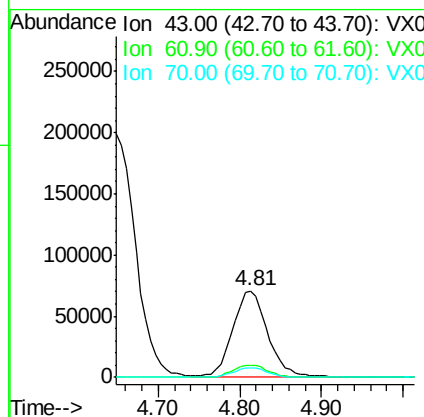
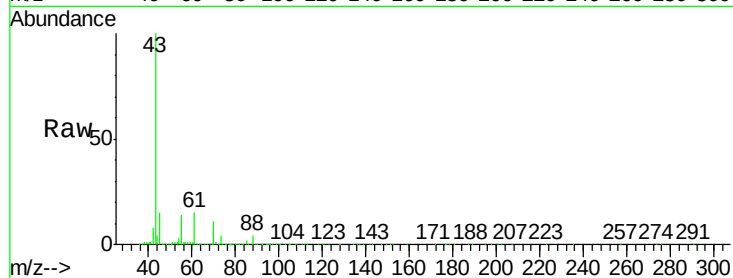
#37
Ethyl Acetate
Concen: 56.976 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	205194
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	10.9	8.1	12.1

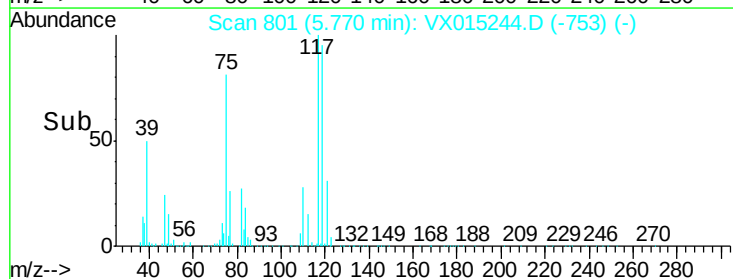
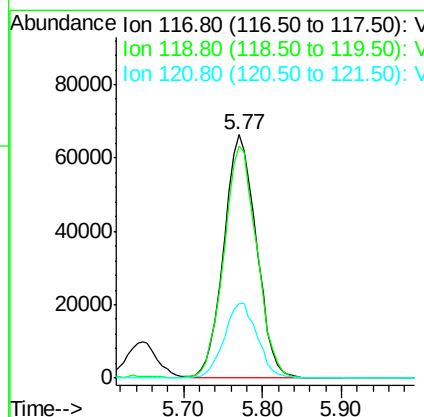
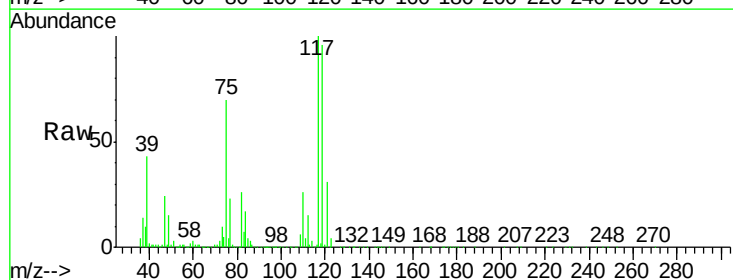
Manual Integrations
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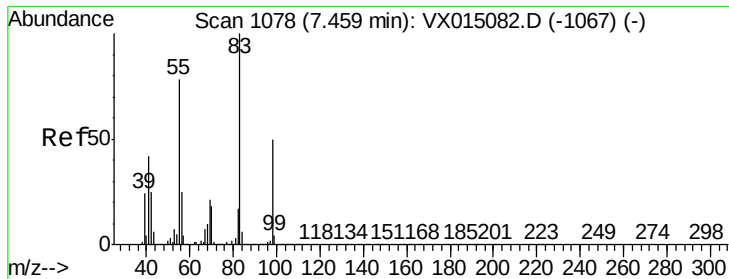
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3/16/2020 2:07:23 PM



#38
Carbon Tetrachloride
Concen: 51.741 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:	117	Resp:	189620
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.9	115.3
121	30.8	24.6	37.0





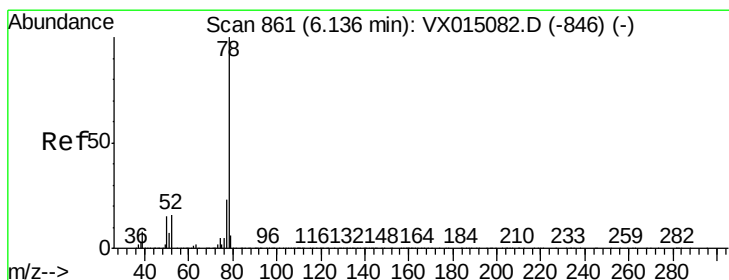
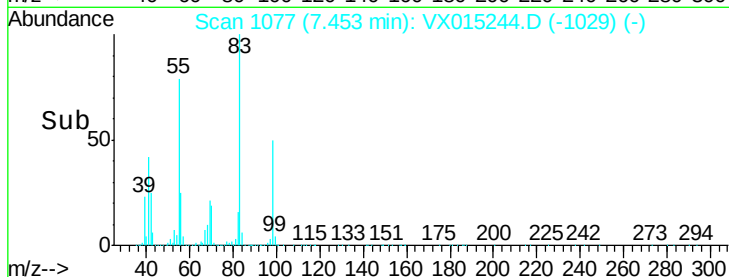
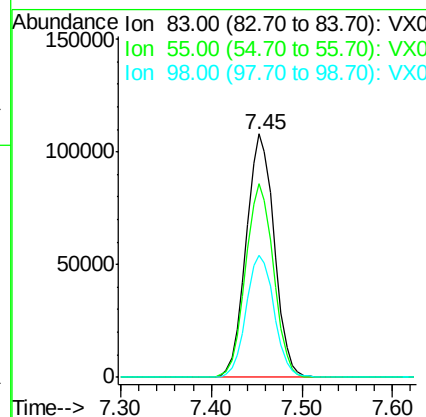
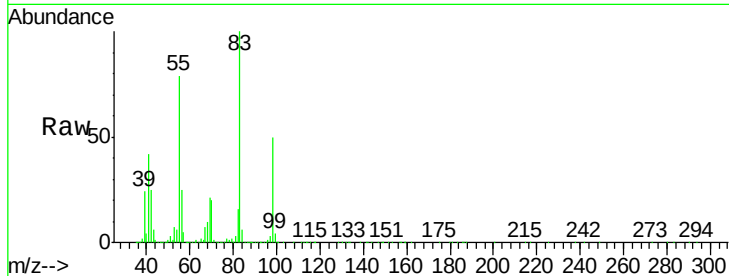
#39
Methylvlcyclohexane
Concen: 51.205 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232139		
55	79.2	62.4	93.6	
98	50.3	39.7	59.5	

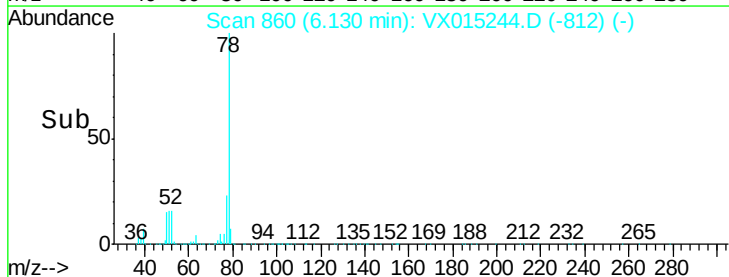
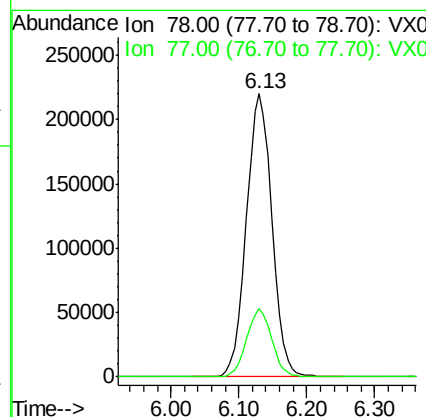
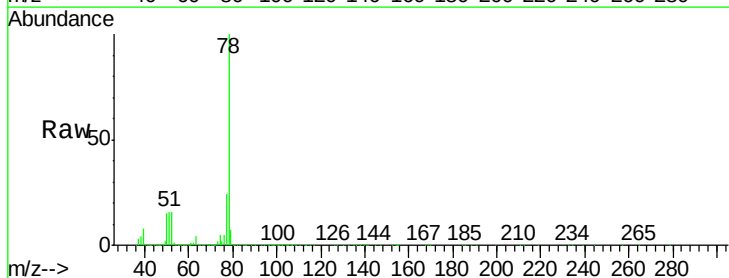
Manual Integrations
APPROVED

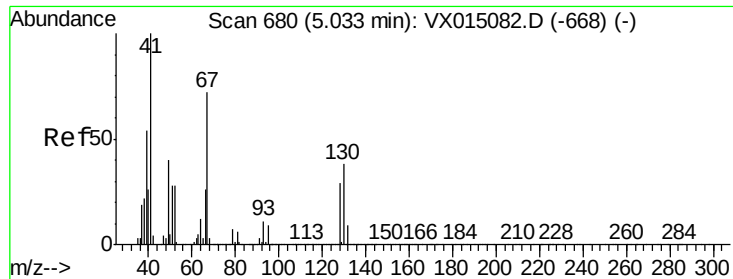
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#40
Benzene
Concen: 49.814 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	573798		
77	23.9	18.6	28.0	





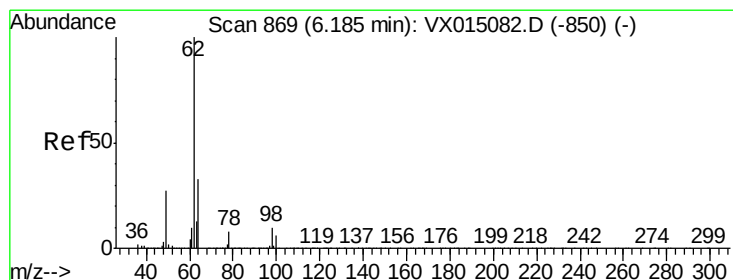
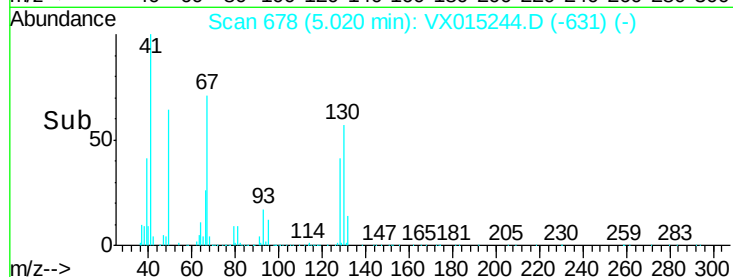
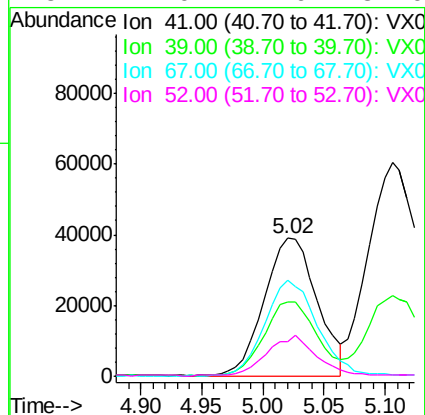
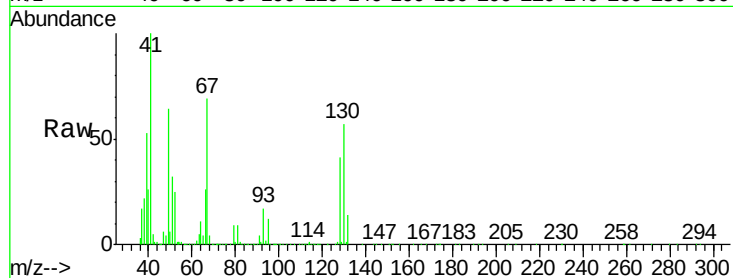
#41
Methacrylonitrile
Concen: 53.971 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	43.9	65.9	
67	70.1	57.8	86.8	
52	27.0	22.6	34.0	

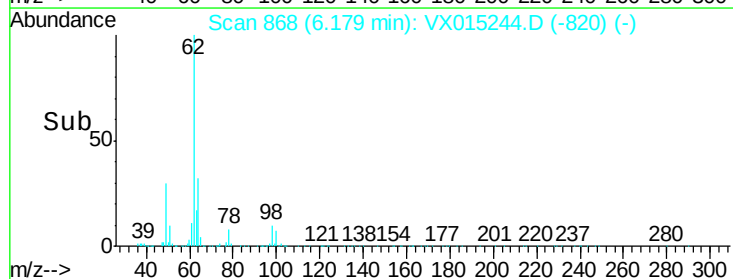
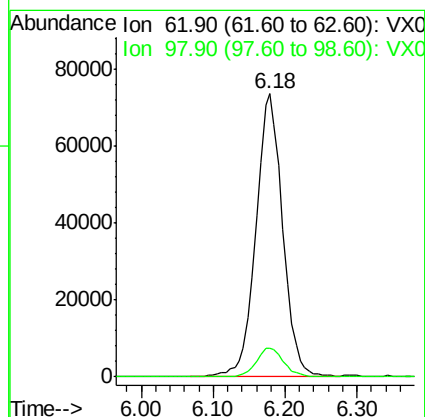
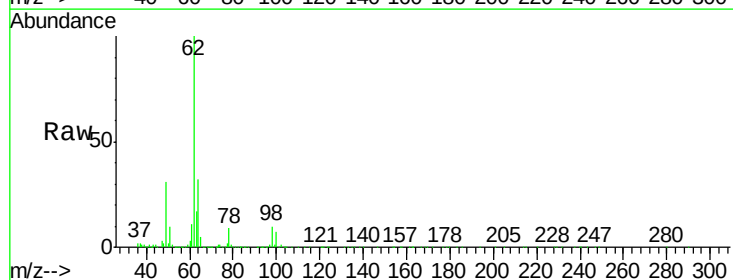
Manual Integrations
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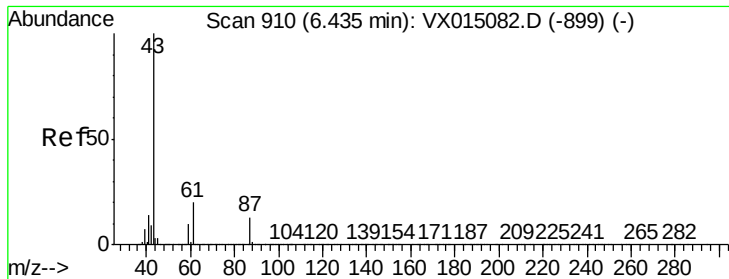
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#42
1,2-Dichloroethane
Concen: 47.959 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.6	





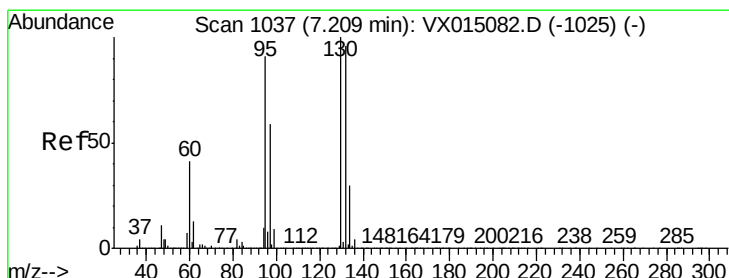
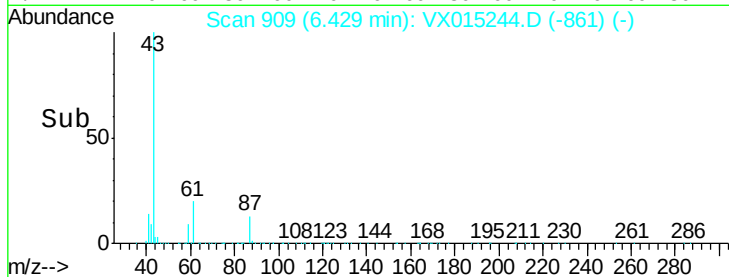
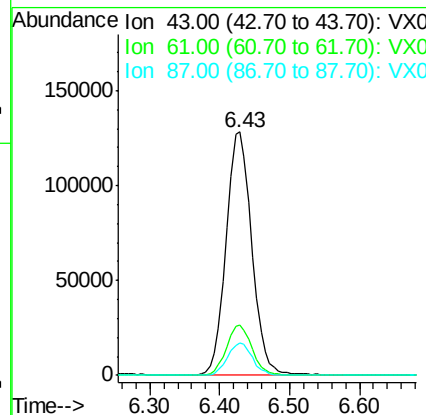
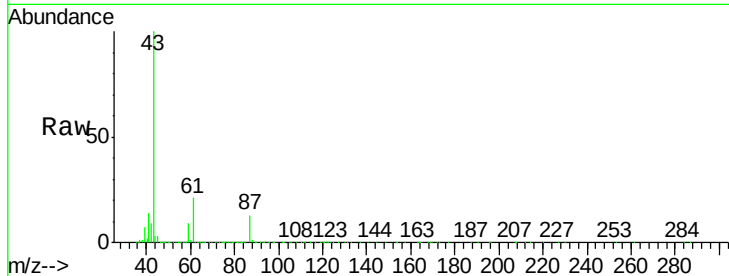
#43
Isopropyl Acetate
Concen: 51.328 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	325196
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.3	10.6	16.0

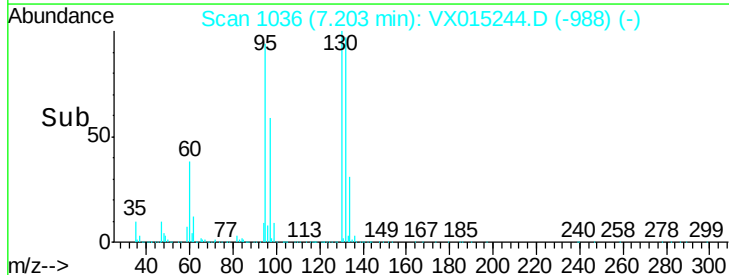
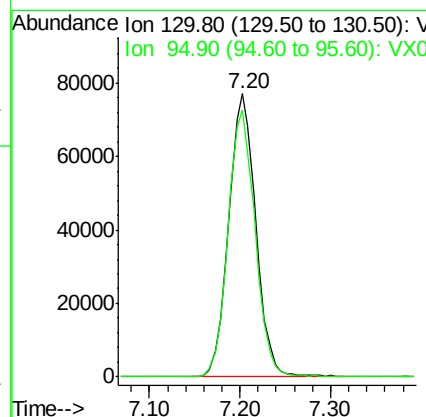
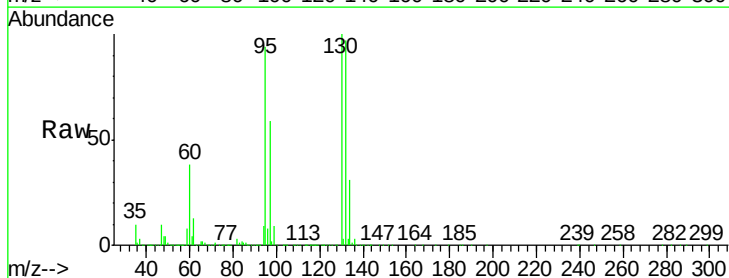
Manual Integrations
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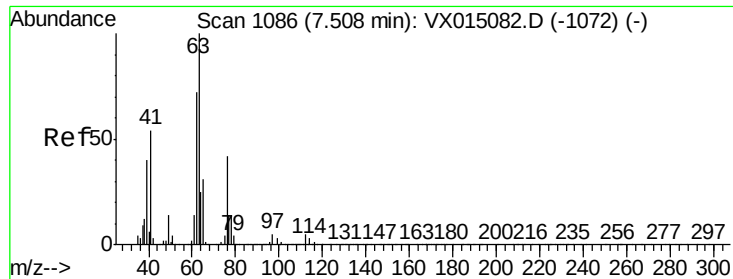
MMDadoda
3/16/2020 2:07:23 PM



#44
Trichloroethene
Concen: 49.730 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:	130	Resp:	159530
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	181.2





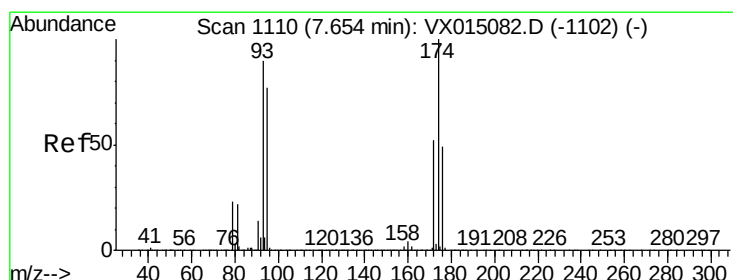
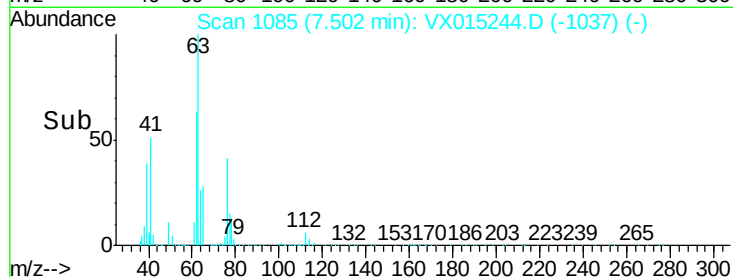
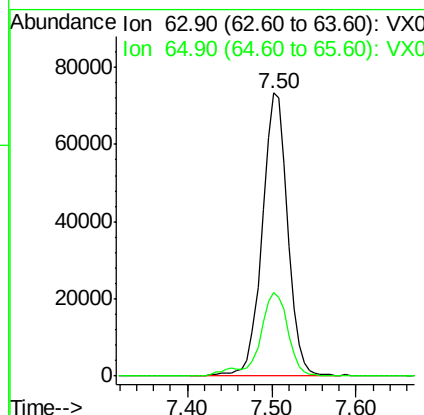
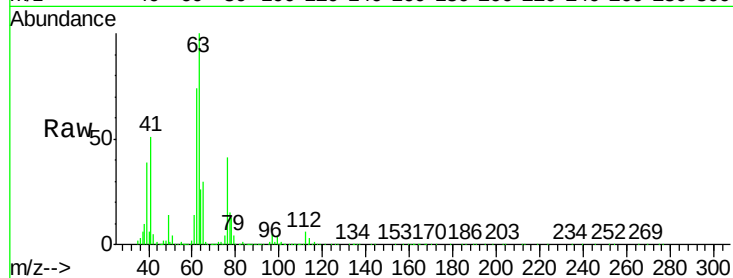
#45
 1,2-Dichloropropane
 Concen: 51.218 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.6	36.8

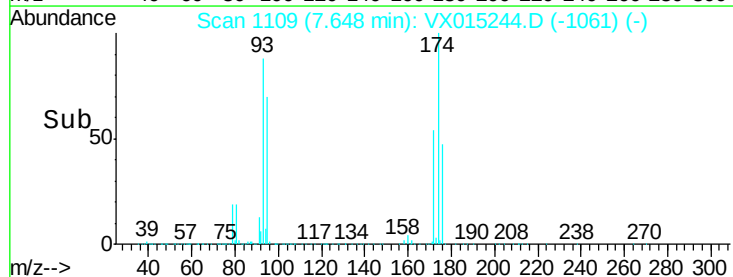
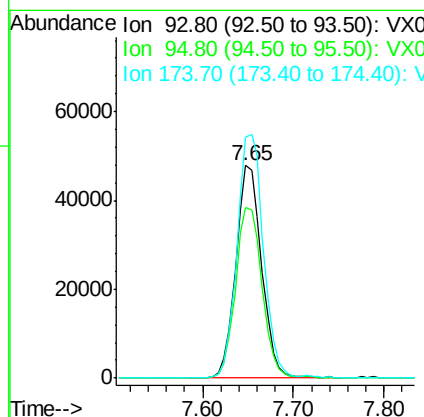
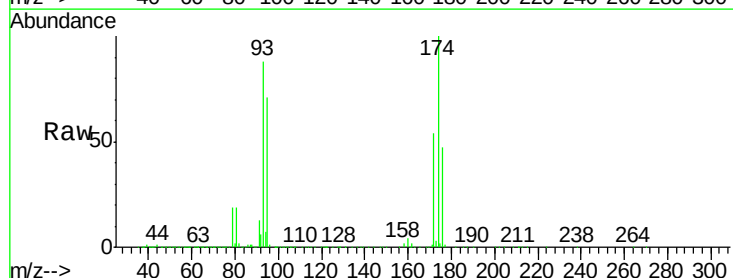
Manual Integrations
 APPROVED

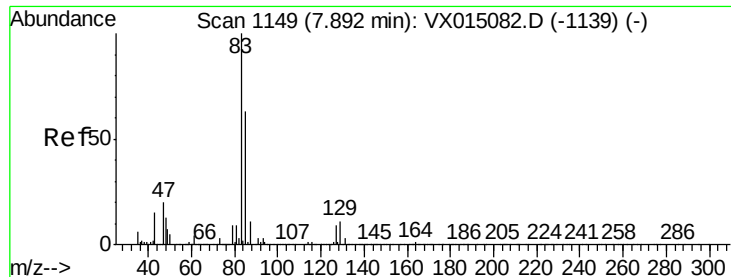
MMDadoda
 3/16/2020 2:07:23 PM



#46
 Dibromomethane
 Concen: 48.250 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.8	101.8
174	117.8	91.0	136.4





#47

Bromodichloromethane

Concen: 49.471 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

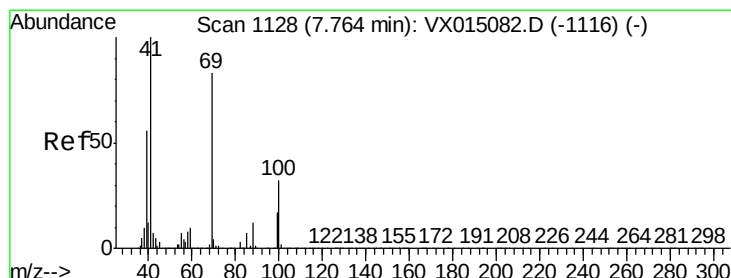
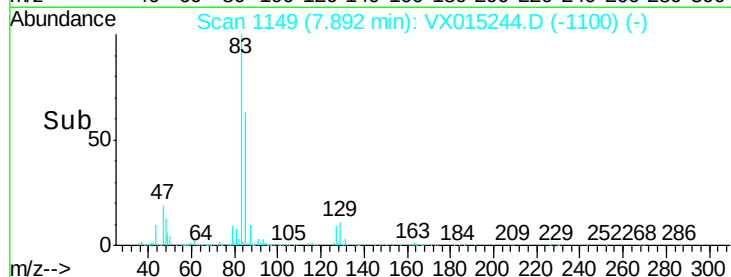
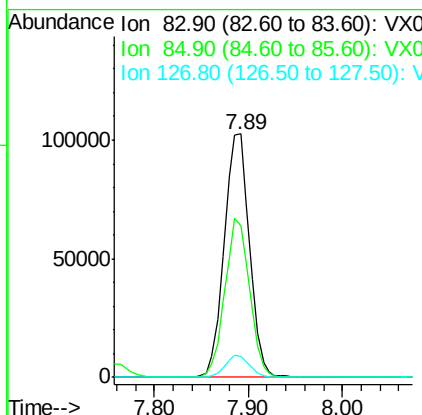
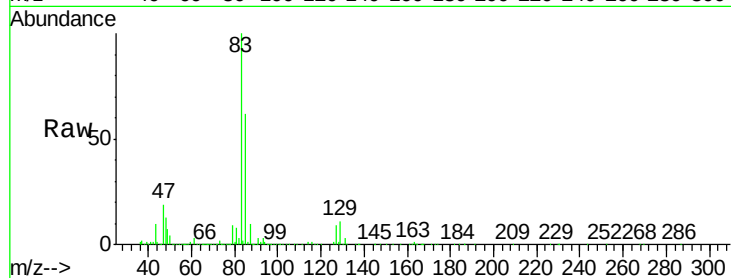
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	190057
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.6	75.8
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.319 ug/l

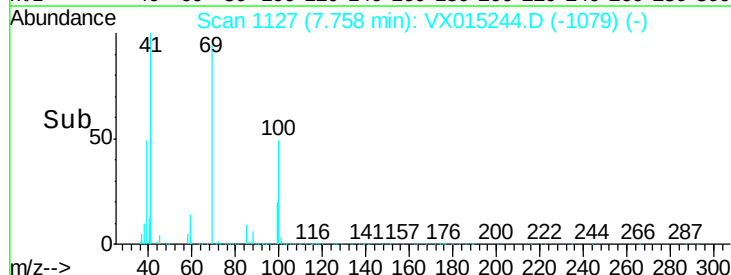
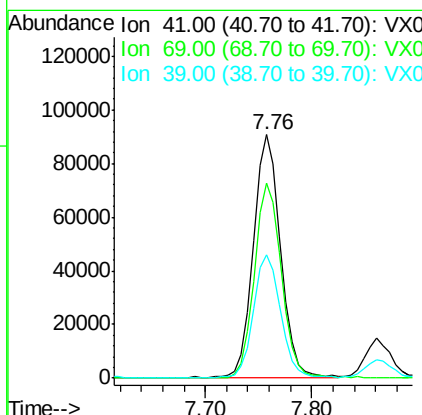
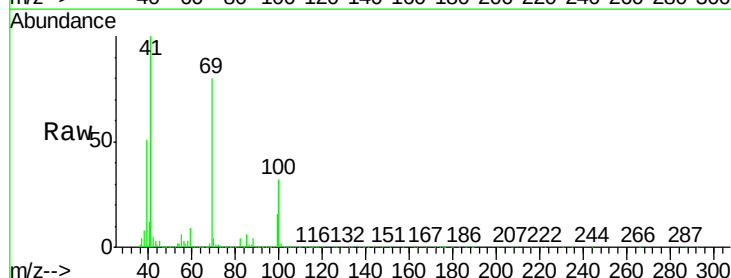
RT: 7.76 min Scan# 1127

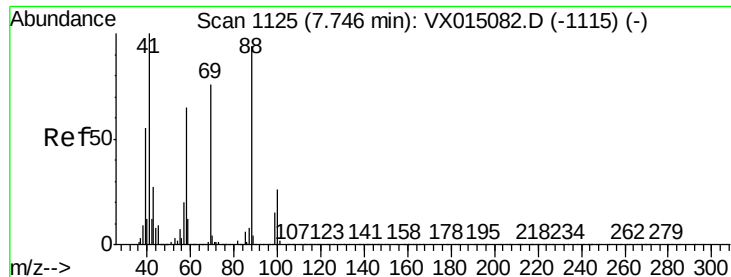
Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion	41	Resp	162258
Ion Ratio	Lower	Upper	
41	100		
69	80.4	65.4	98.2
39	50.5	44.6	67.0





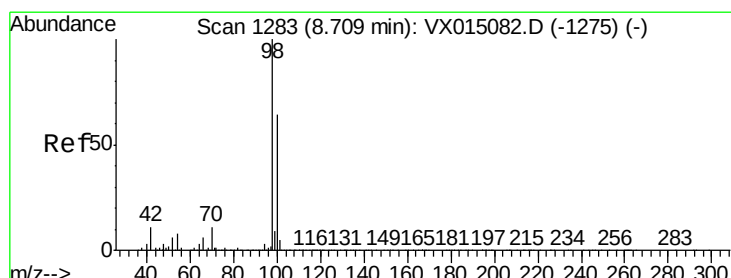
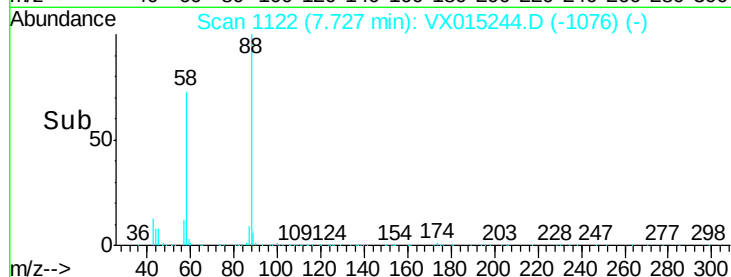
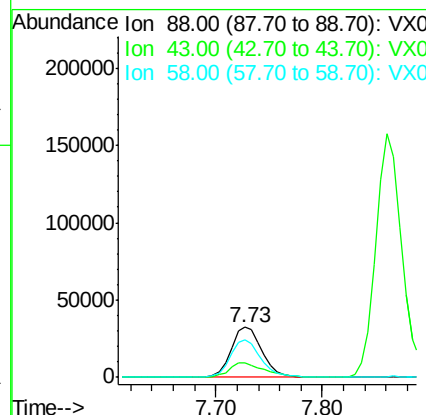
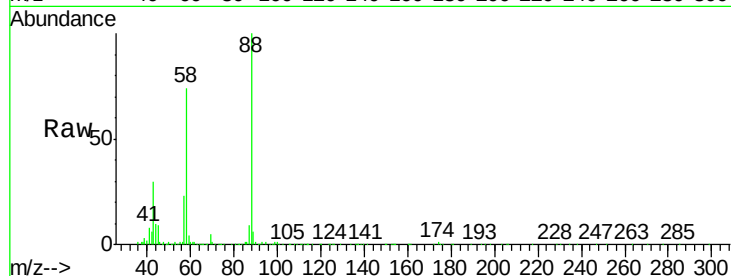
#49
1,4-Dioxane
Concen: 928.868 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	73.8	55.6	83.4

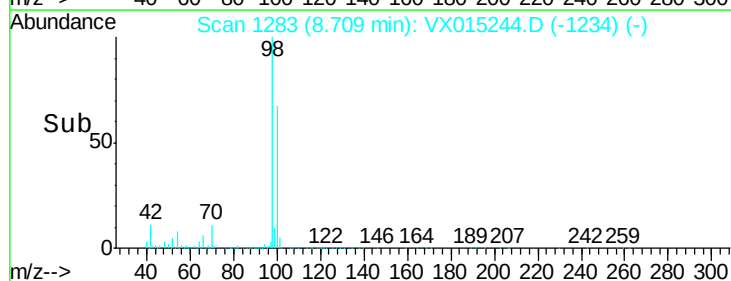
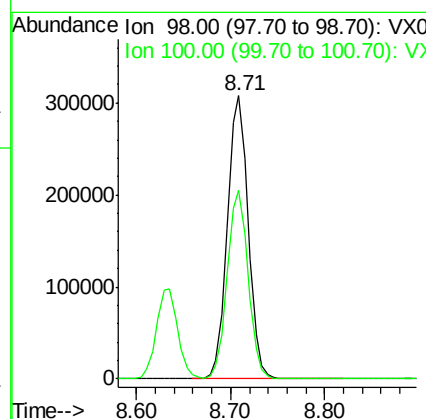
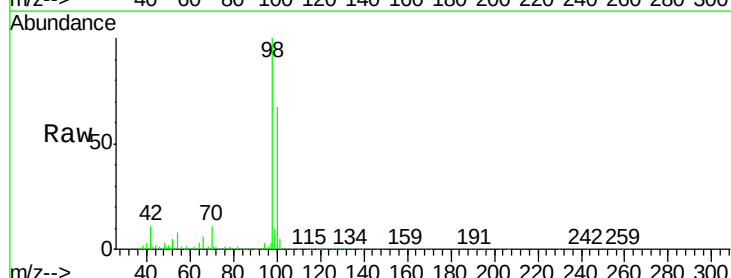
Manual Integrations
APPROVED

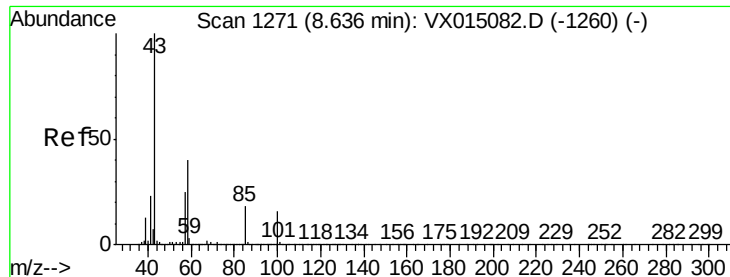
MMDadoda
3/16/2020 2:07:23 PM



#50
Toluene-d8
Concen: 46.631 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 257.175 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 963370

Ion Ratio Lower Upper

43 100

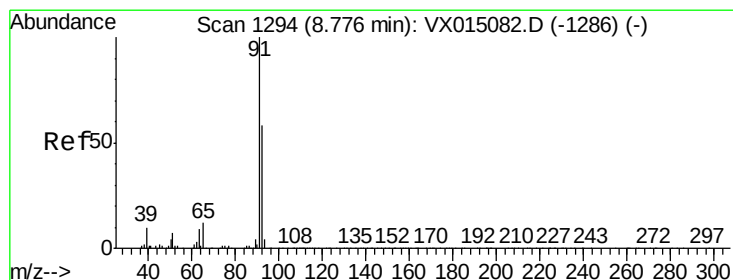
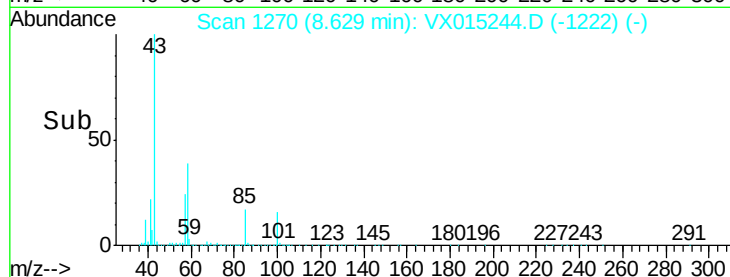
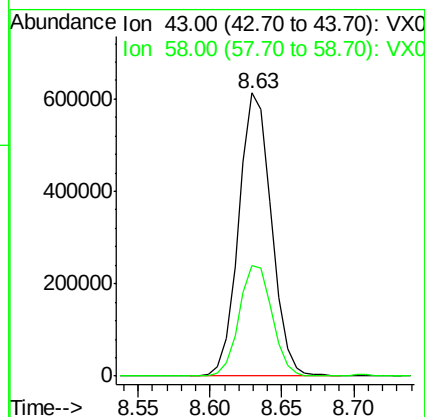
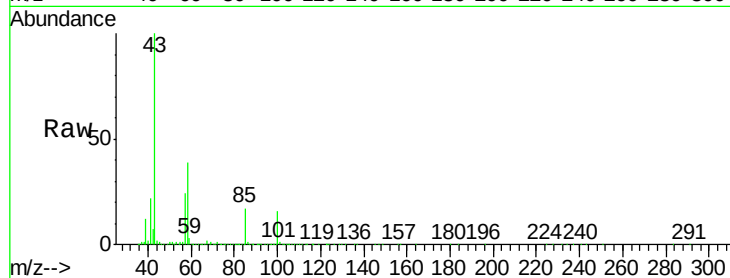
58 39.6 31.6 47.4

Manual Integrations

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3/16/2020 2:07:23 PM



#52

Toluene

Concen: 51.058 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015244.D

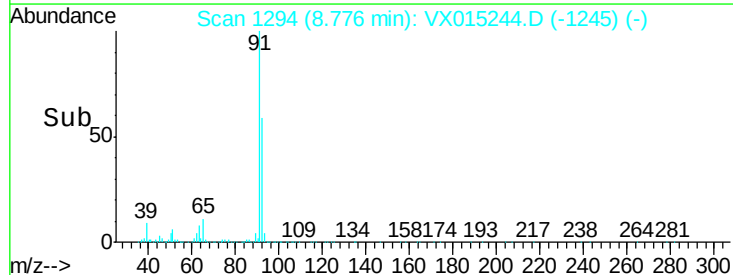
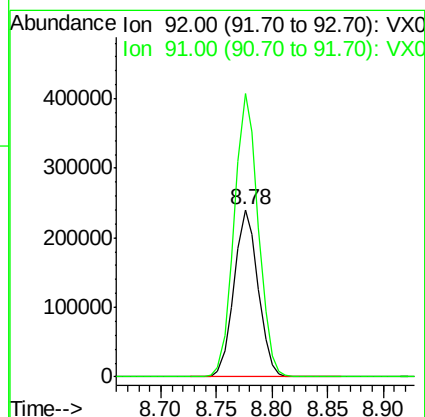
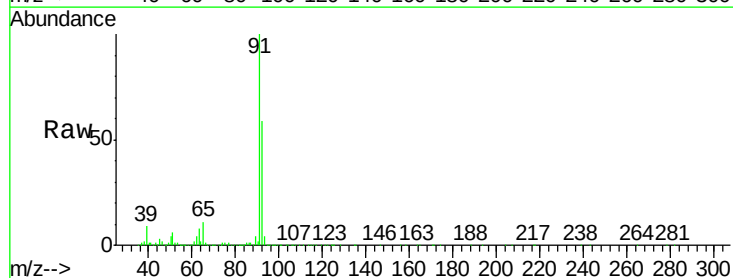
Acq: 13 Mar 2020 08:53

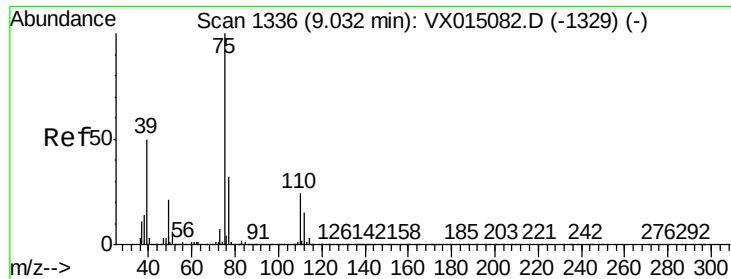
Tgt Ion: 92 Resp: 359601

Ion Ratio Lower Upper

92 100

91 169.5 136.9 205.3





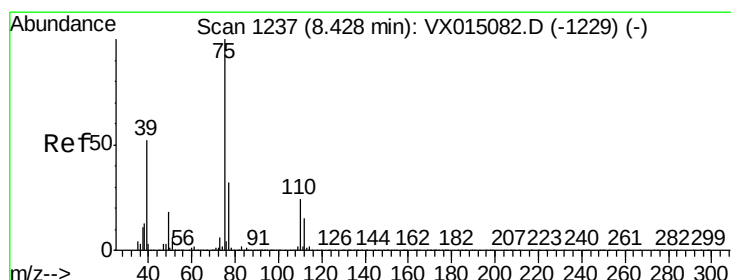
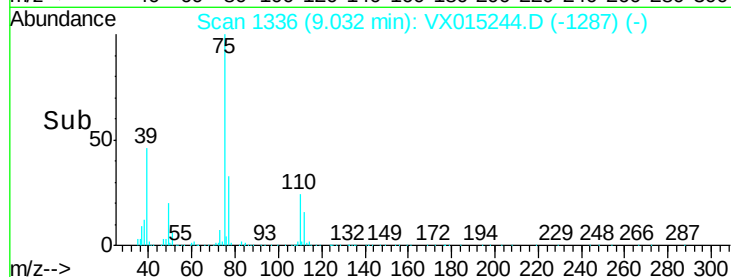
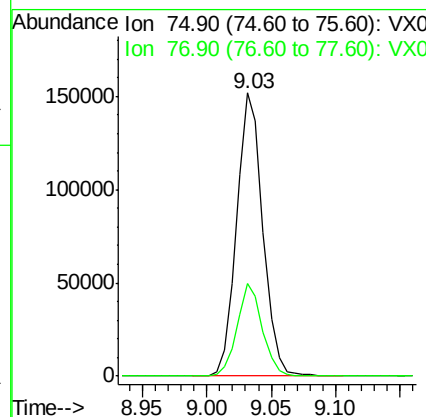
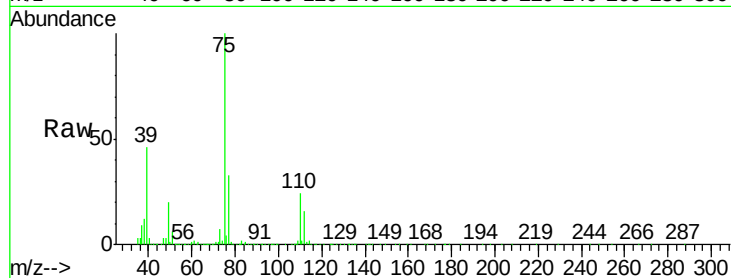
#53
t-1,3-Dichloropropene
Concen: 52.375 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0

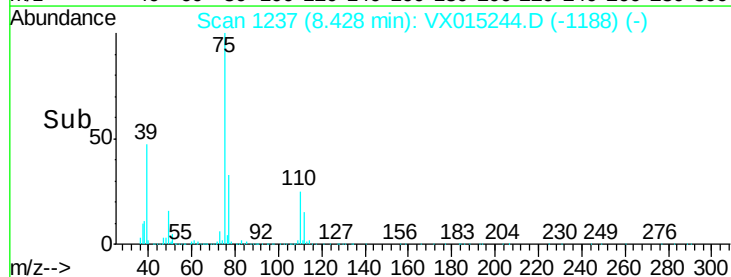
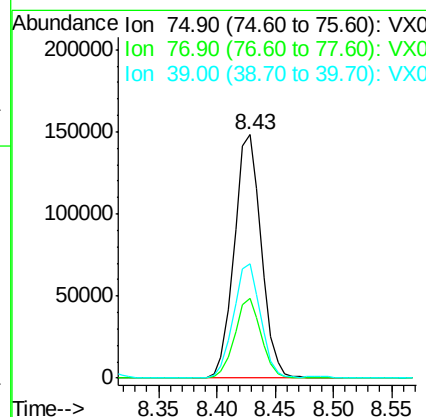
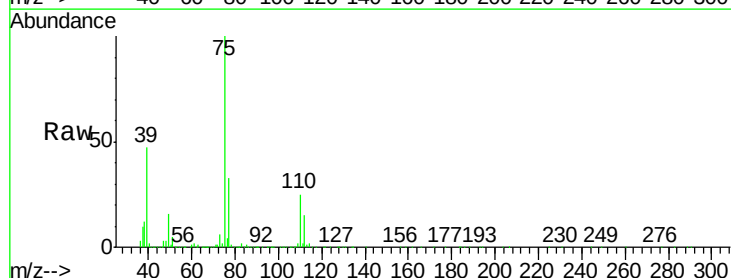
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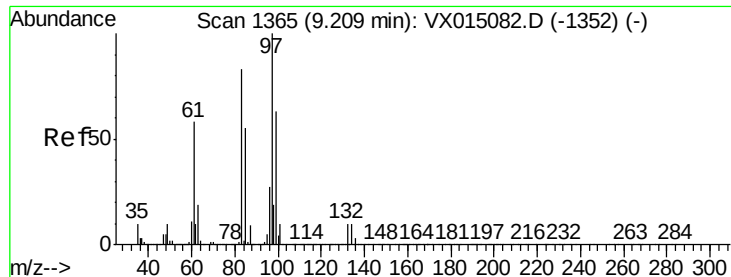
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.808 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.6
39	47.1	41.3	61.9





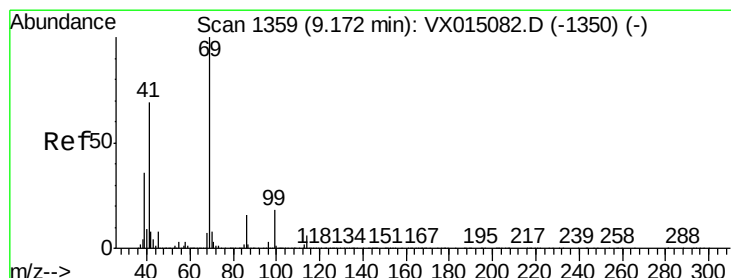
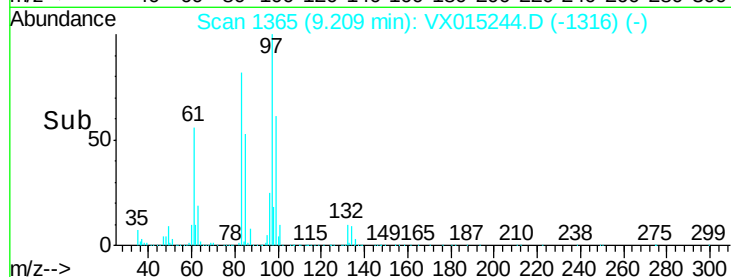
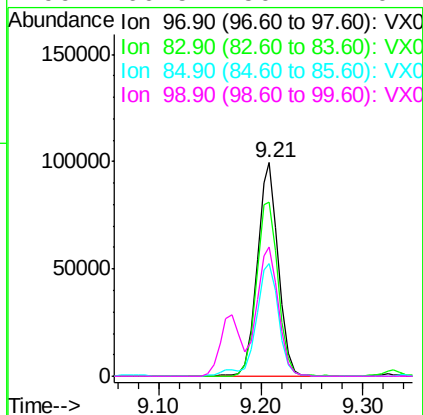
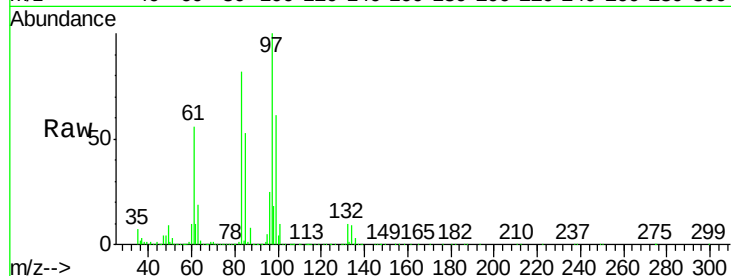
#55
 1,1,2-Trichloroethane
 Concen: 49.575 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	143712
Ion Ratio	Lower	Upper	
97	100		
83	81.5	66.4	99.6
85	52.6	43.5	65.3
99	60.5	50.7	76.1

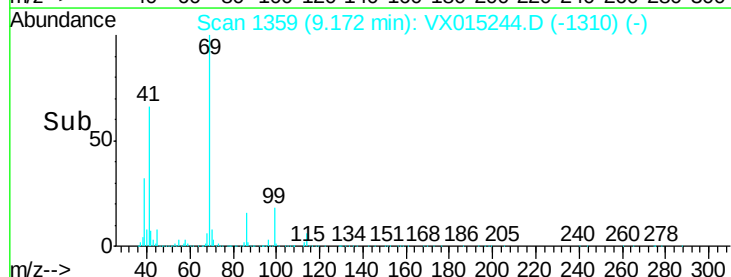
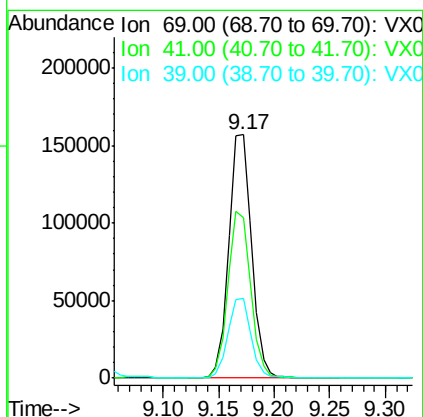
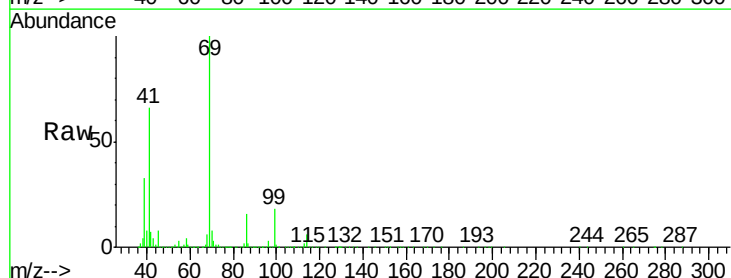
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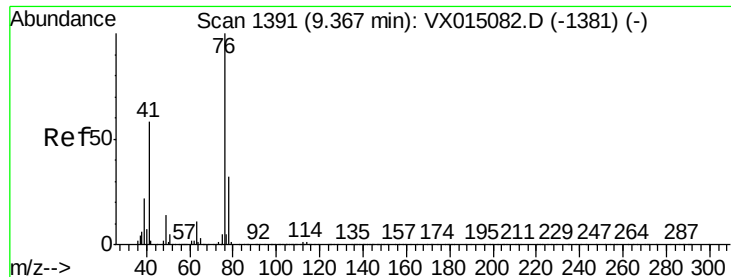
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#56
 Ethyl methacrylate
 Concen: 54.019 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion:	69	Resp:	223360
Ion Ratio	Lower	Upper	
69	100		
41	67.8	55.8	83.8
39	33.0	29.4	44.2





#57

1,3-Dichloropropane

Concen: 49.929 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 243502

Ion Ratio Lower Upper

76 100

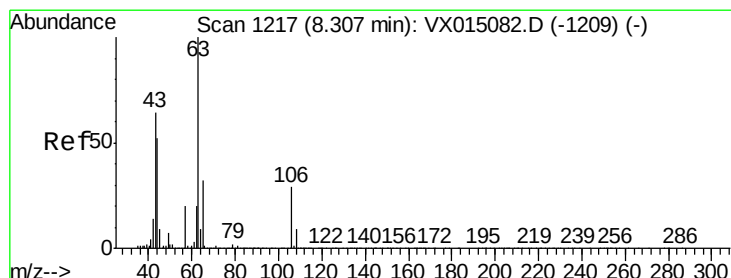
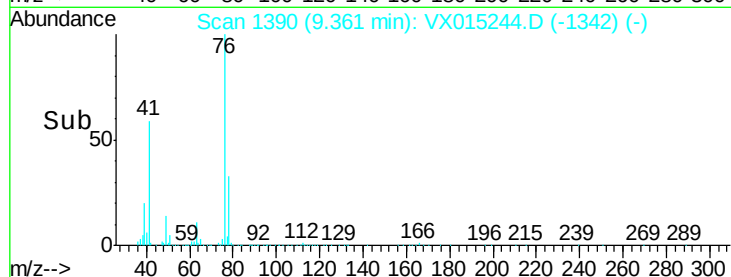
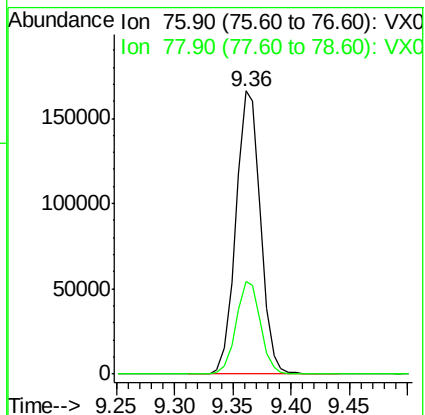
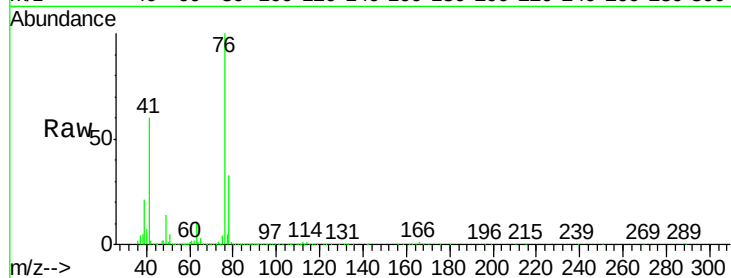
78 32.7 25.6 38.4

Manual Integrations

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3/16/2020 2:07:23 PM



#58

2-Chloroethyl Vinyl ether

Concen: 247.614 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015244.D

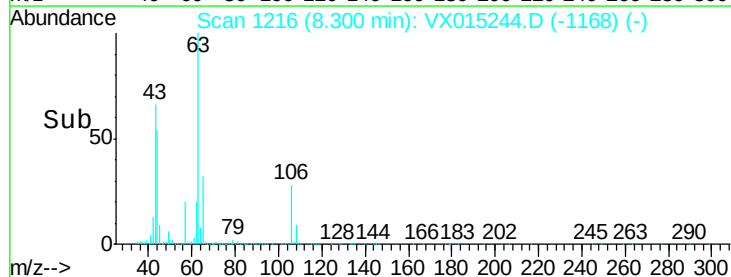
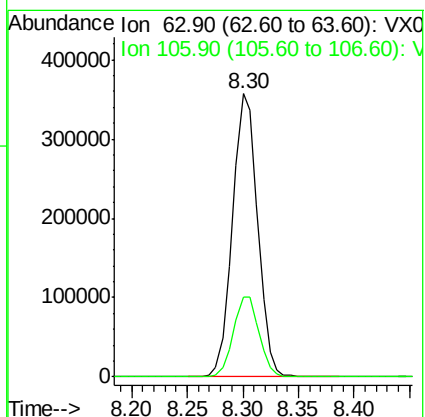
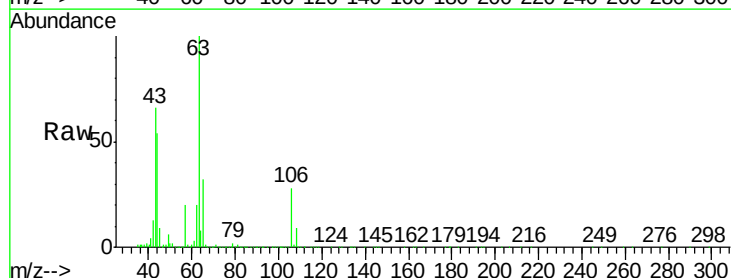
Acq: 13 Mar 2020 08:53

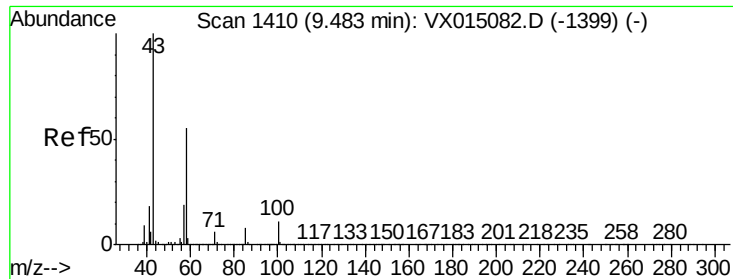
Tgt Ion: 63 Resp: 557771

Ion Ratio Lower Upper

63 100

106 29.1 22.8 34.2





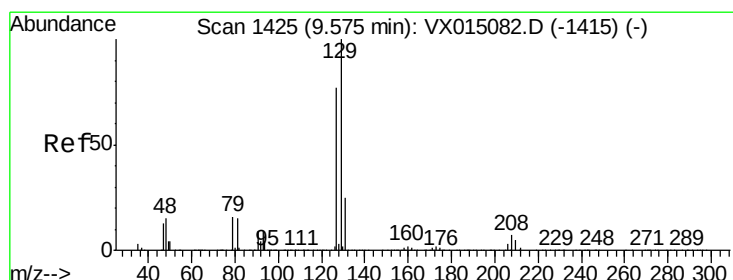
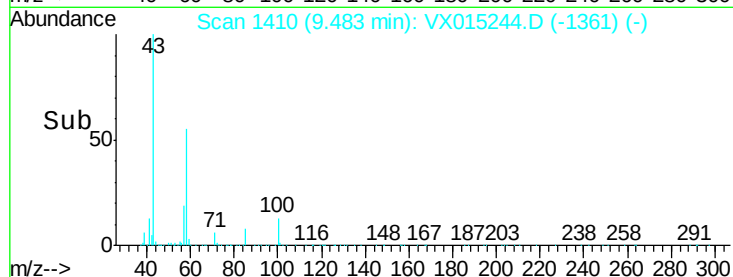
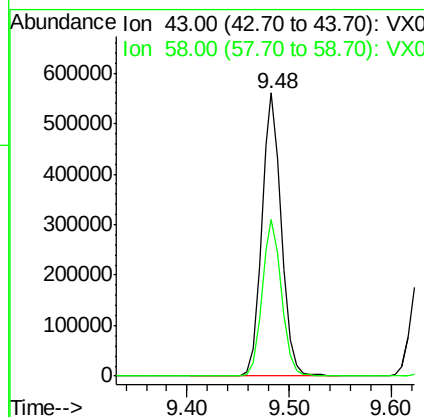
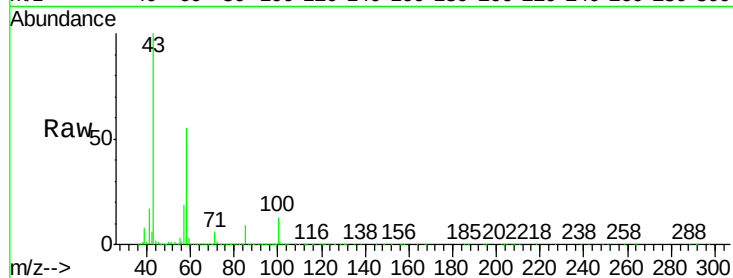
#59
2-Hexanone
Concen: 270.423 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.3	81.8

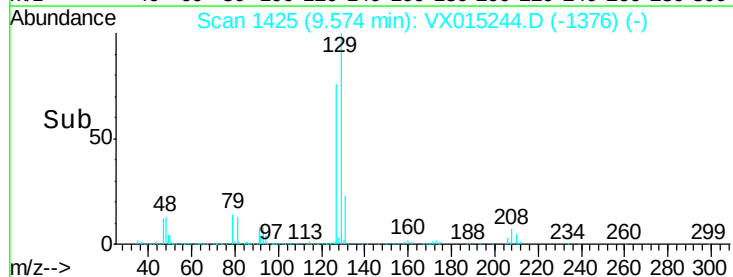
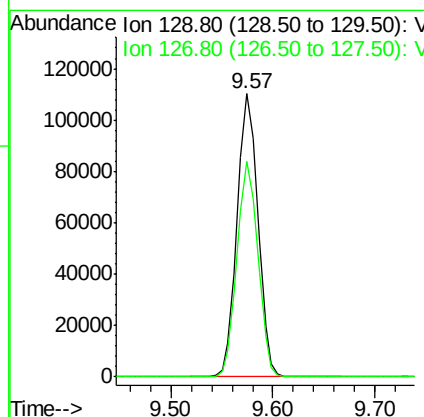
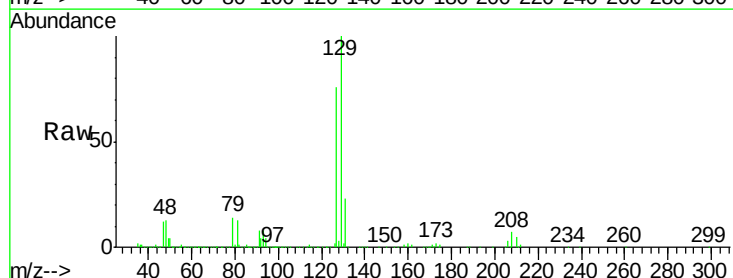
Manual Integrations
APPROVED

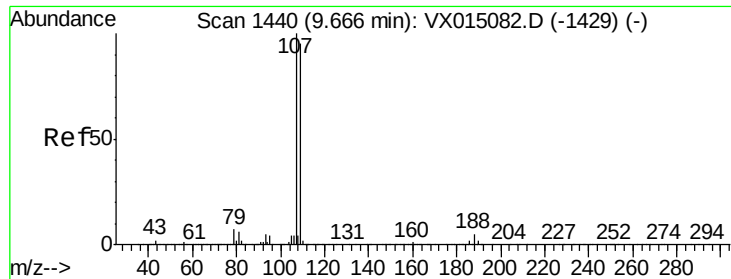
MMDadoda
3/16/2020 2:07:23 PM



#60
Dibromochloromethane
Concen: 51.178 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.8	116.3





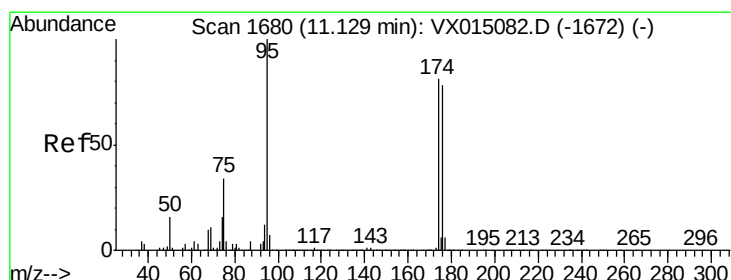
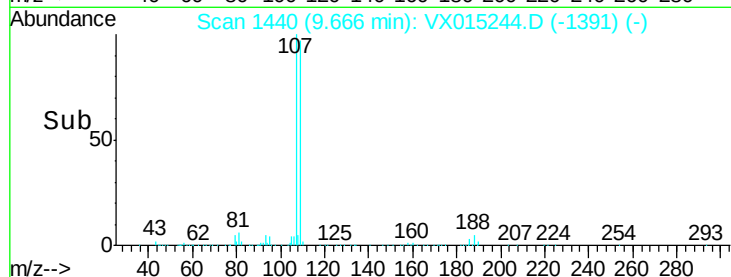
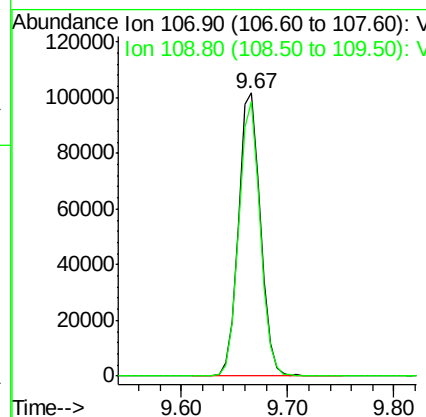
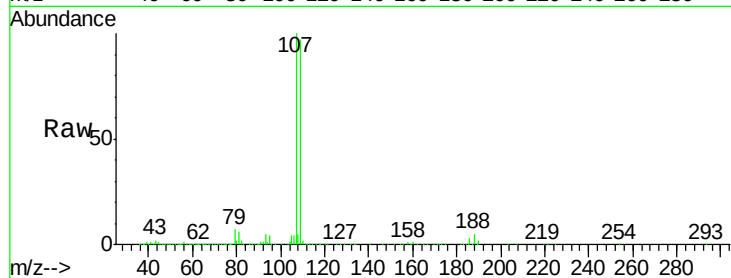
#61
 1,2-Dibromoethane
 Concen: 48.444 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.6	113.4

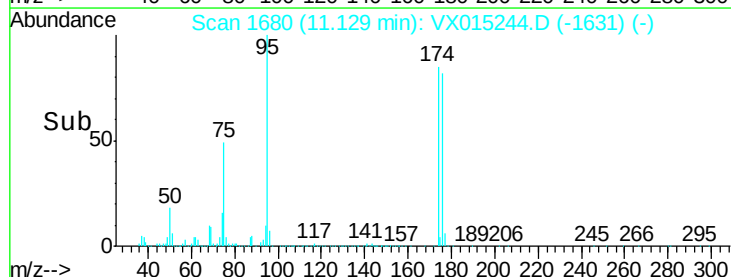
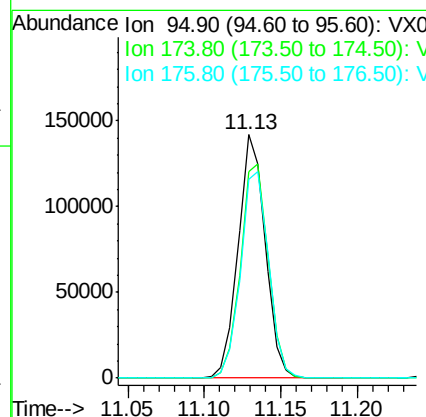
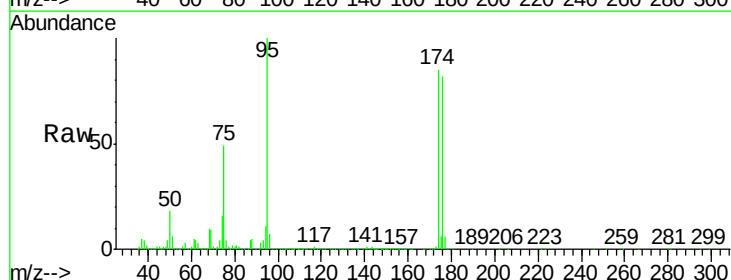
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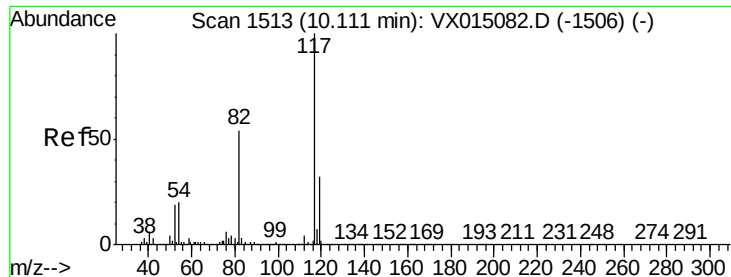
MMDadoda
 3/16/2020 2:07:23 PM



#62
 4-Bromofluorobenzene
 Concen: 48.386 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	177.6
176	88.2	0.0	170.2





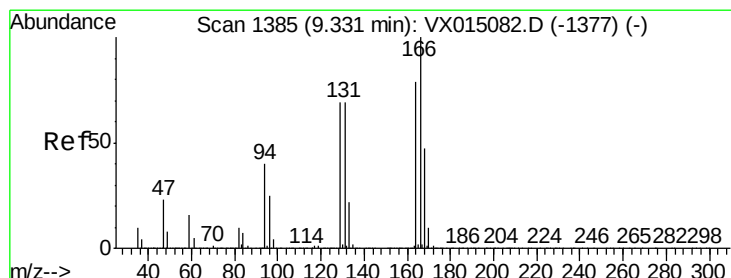
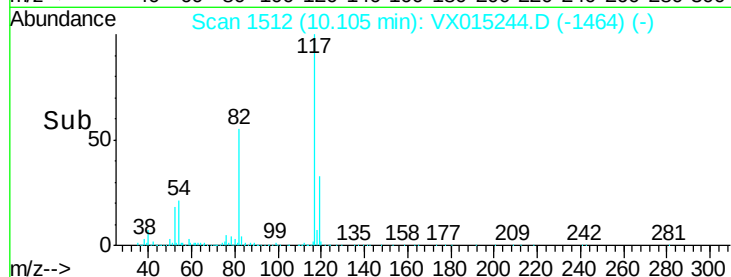
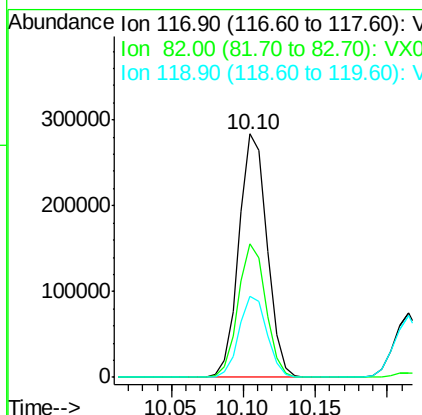
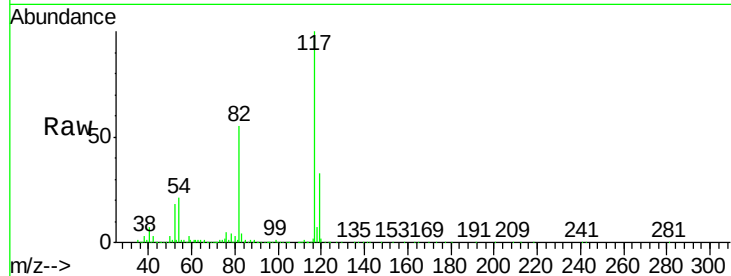
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	384720		
82	54.8	43.3	64.9	
119	33.0	25.8	38.8	

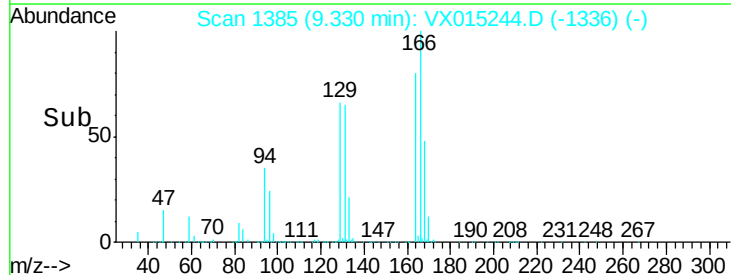
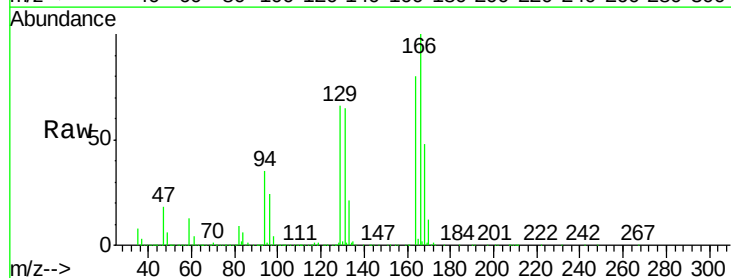
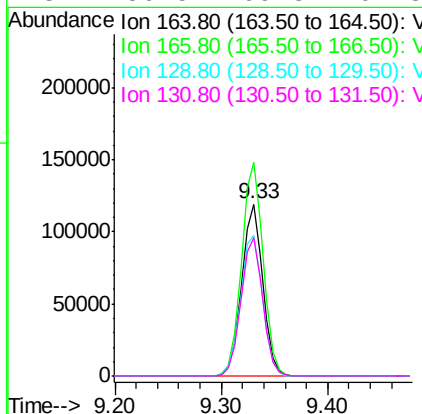
Manual Integrations
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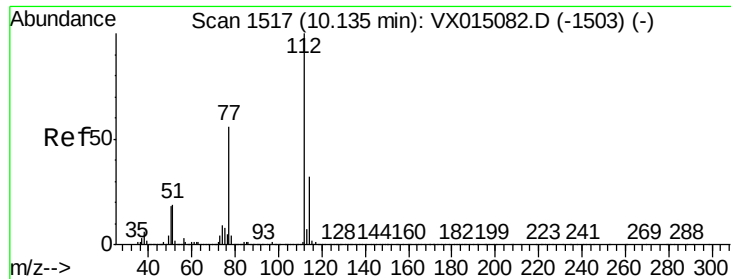
MMDadoda
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#64
Tetrachloroethene
Concen: 51.923 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165163		
166	124.4	101.1	151.7	
129	82.2	69.4	104.0	
131	80.5	69.8	104.8	





#65

Chlorobenzene

Concen: 50.216 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 387860

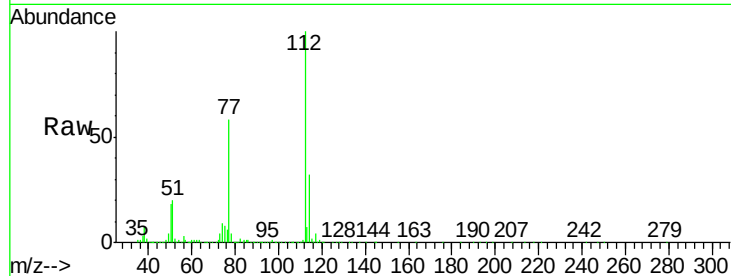
Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

250000

200000

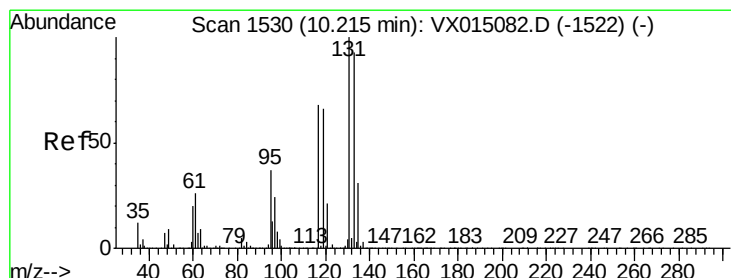
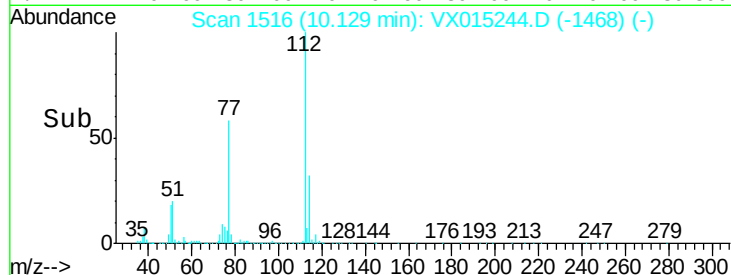
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.373 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

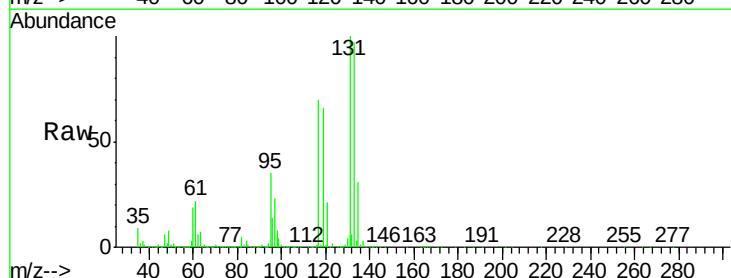
Tgt Ion:131 Resp: 146710

Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.5

119 65.1 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

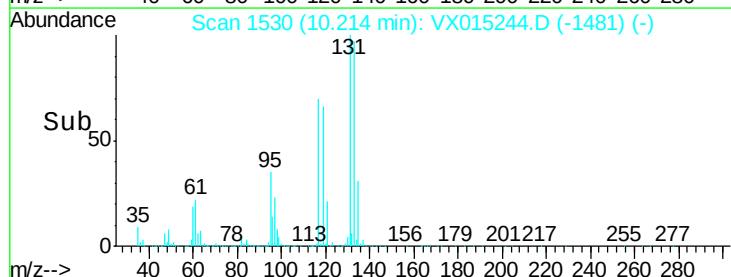
150000

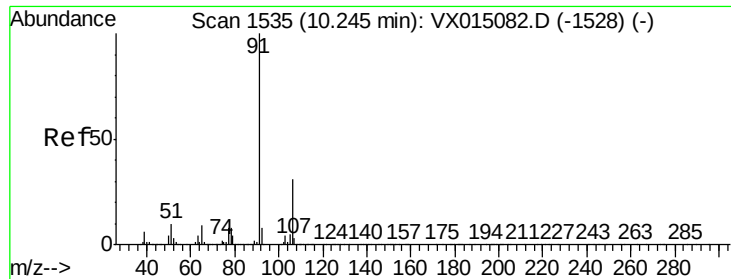
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 52.423 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 687570

Ion Ratio Lower Upper

91 100

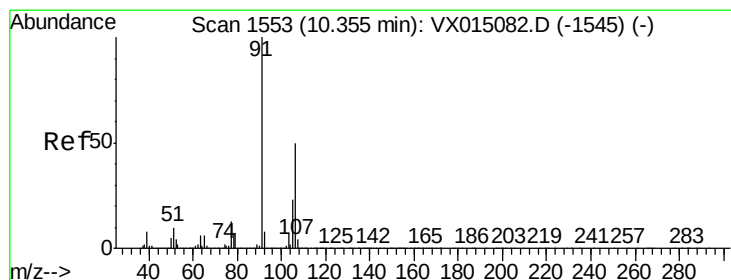
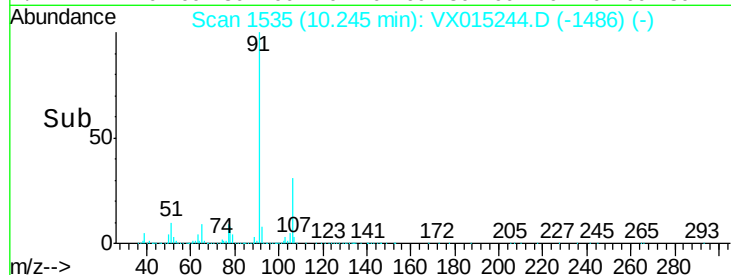
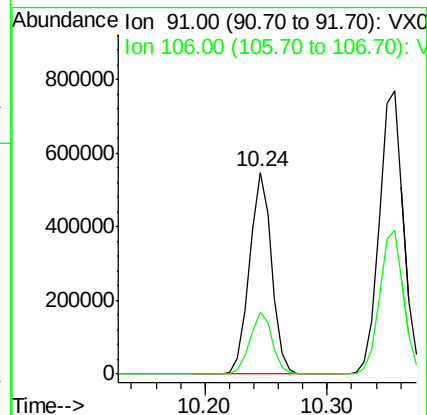
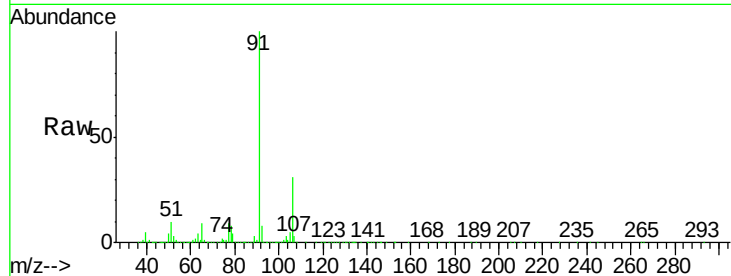
106 30.9 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.486 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015244.D

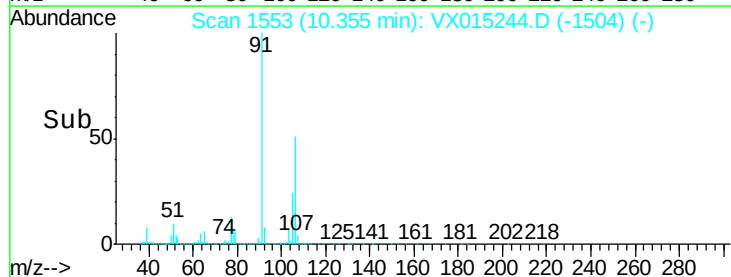
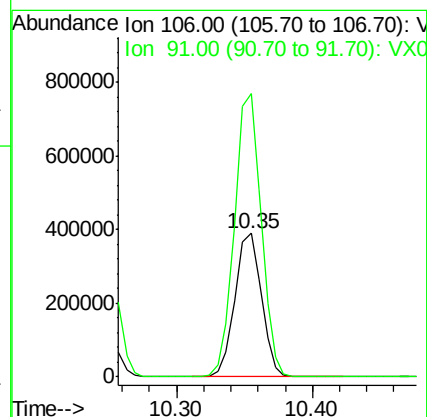
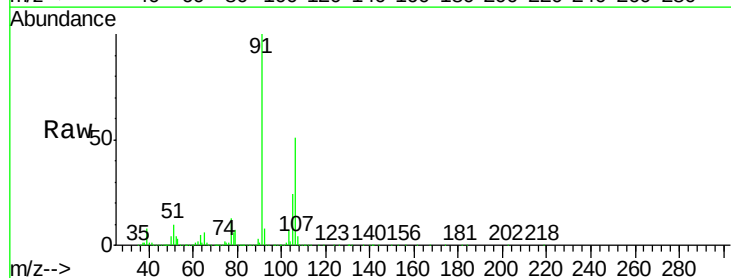
Acq: 13 Mar 2020 08:53

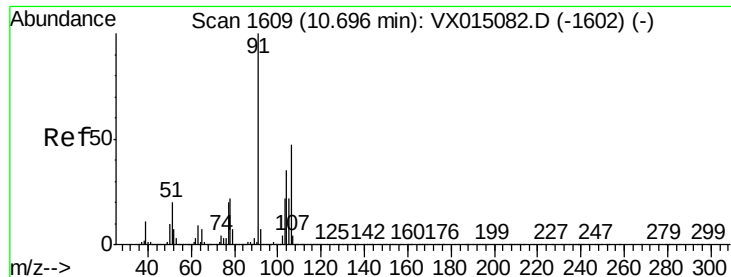
Tgt Ion: 106 Resp: 531375

Ion Ratio Lower Upper

106 100

91 197.9 159.4 239.2





#69

o-Xylene

Concen: 52.470 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 250688

Ion Ratio Lower Upper

106 100

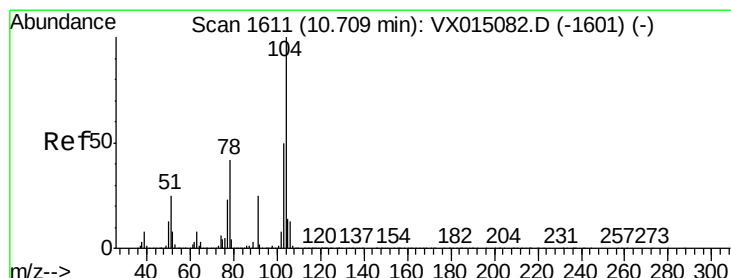
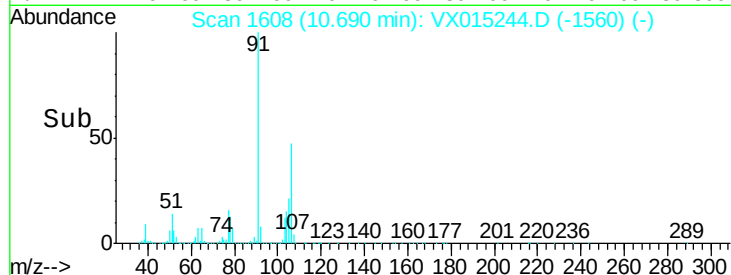
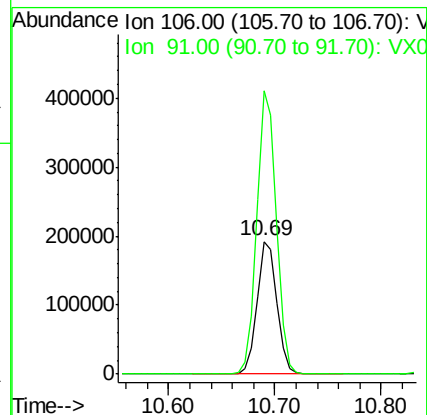
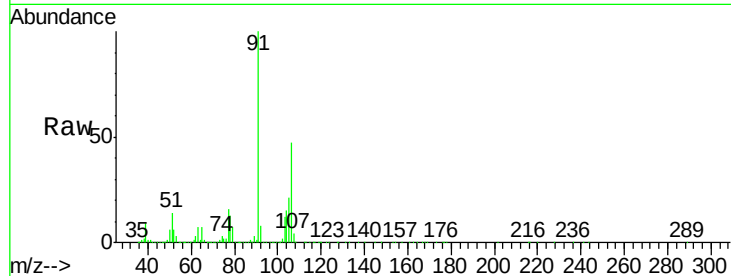
91 210.6 105.4 316.1

Manual Integrations

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3/16/2020 2:07:23 PM



#70

Styrene

Concen: 54.270 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

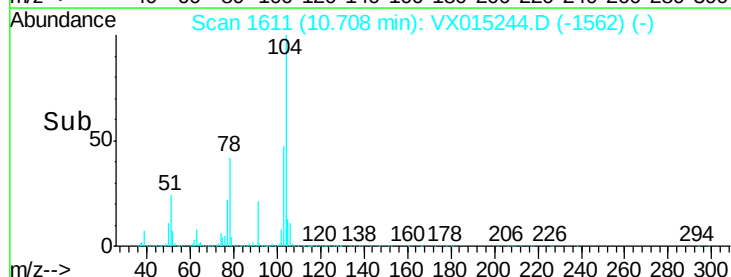
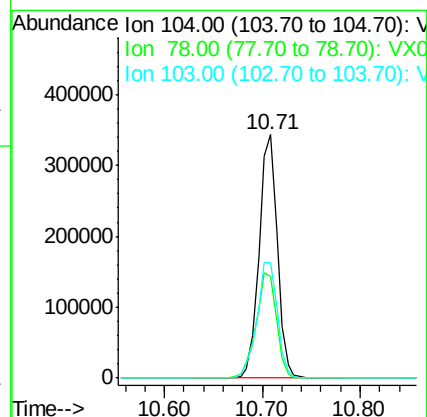
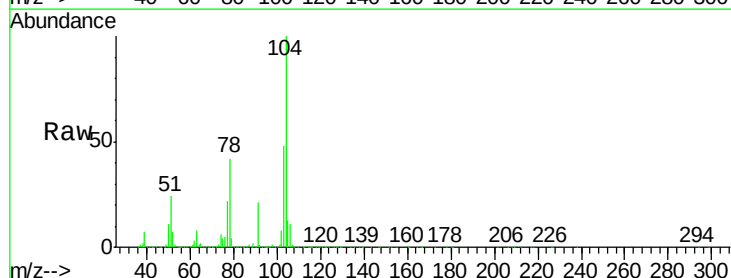
Tgt Ion:104 Resp: 444577

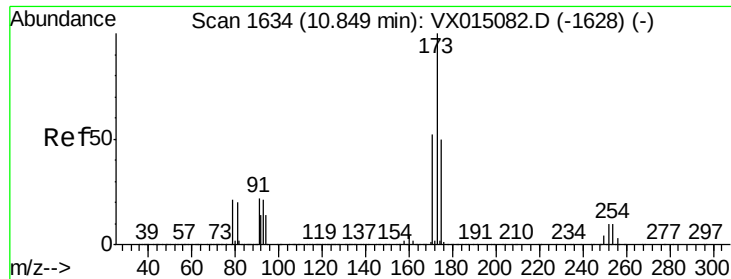
Ion Ratio Lower Upper

104 100

78 48.5 39.0 58.4

103 53.7 43.7 65.5





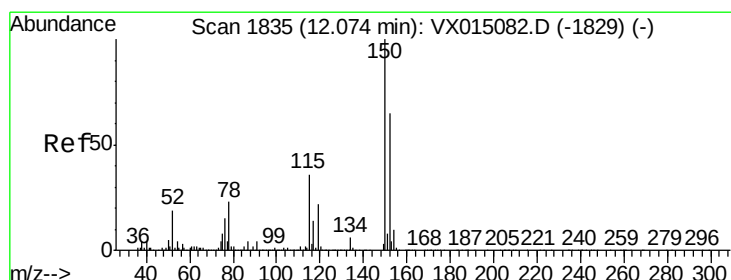
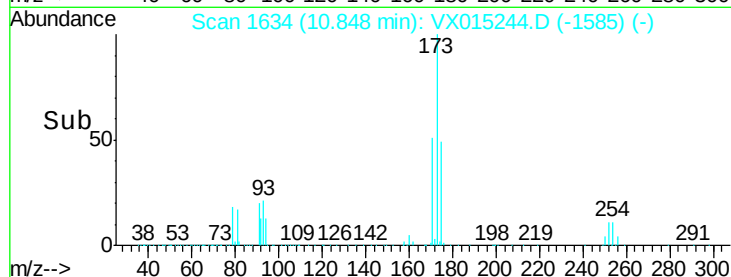
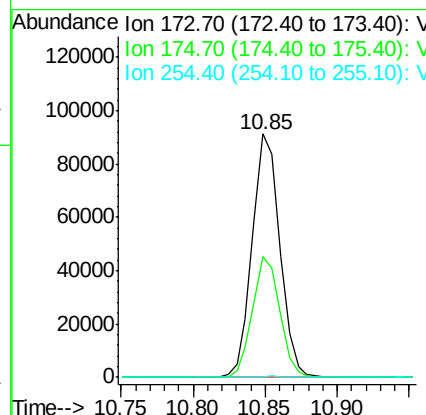
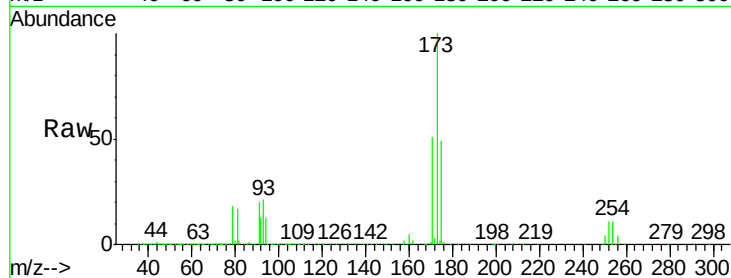
#71
Bromoform
Concen: 53.349 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.9	74.7
254	0.2	0.2	0.2

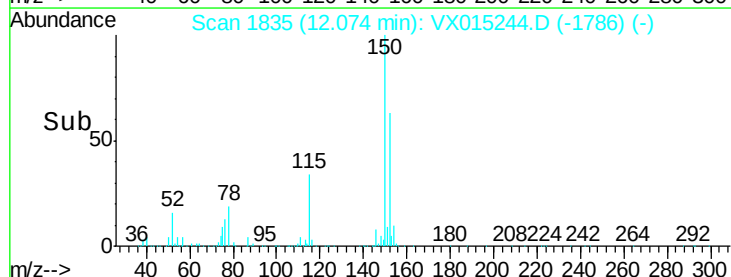
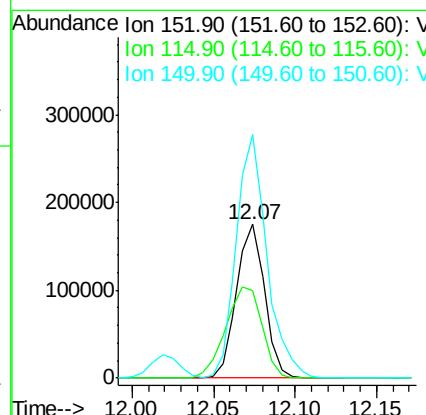
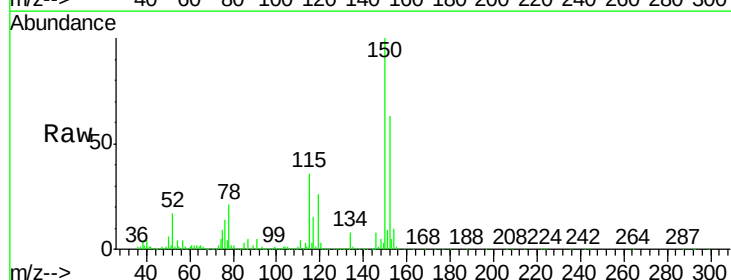
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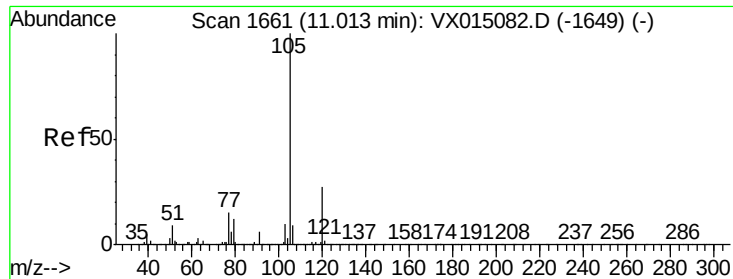
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.6	38.2	114.6
150	172.1	0.0	343.8





#73

Isopropylbenzene

Concen: 50.418 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 679007

Ion Ratio Lower Upper

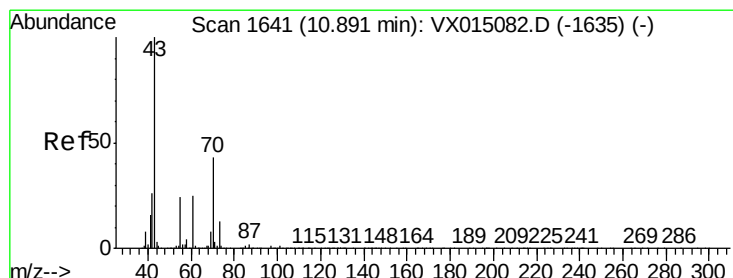
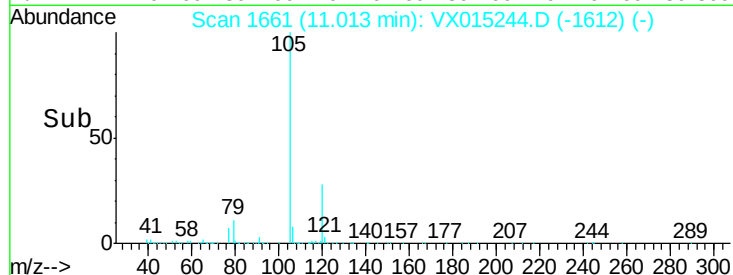
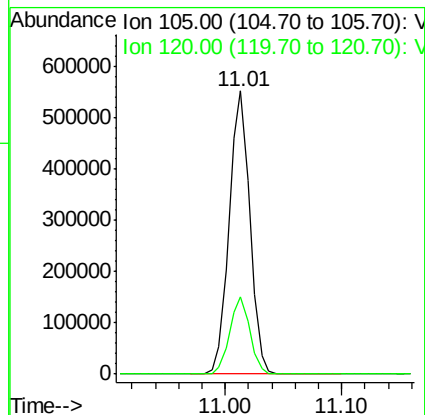
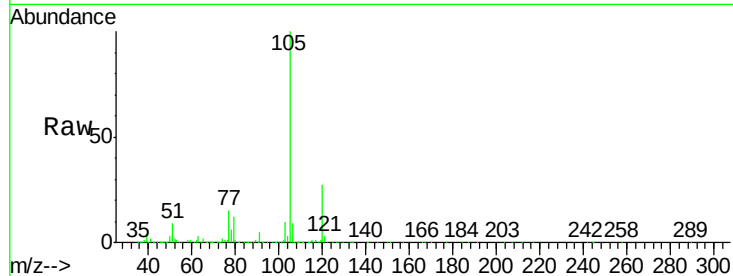
105 100

120 26.8

13.5 40.5

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#74

N-ethyl acetate

Concen: 49.296 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion: 43 Resp: 279788

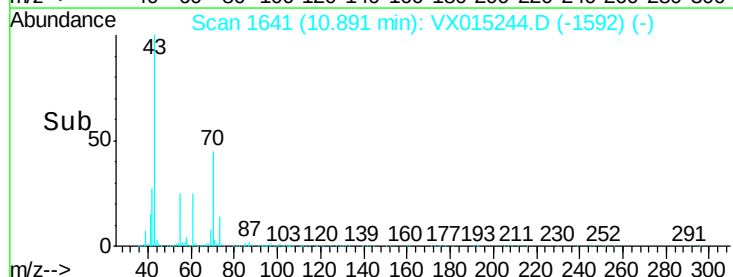
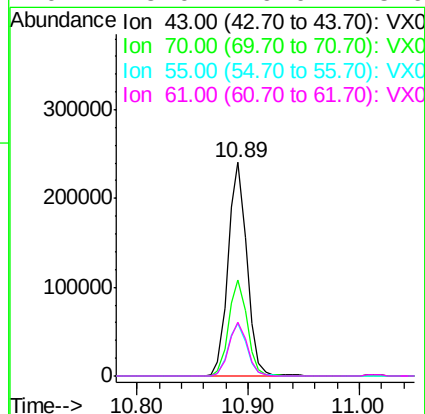
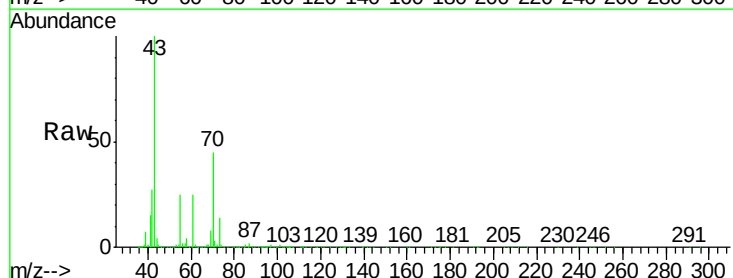
Ion Ratio Lower Upper

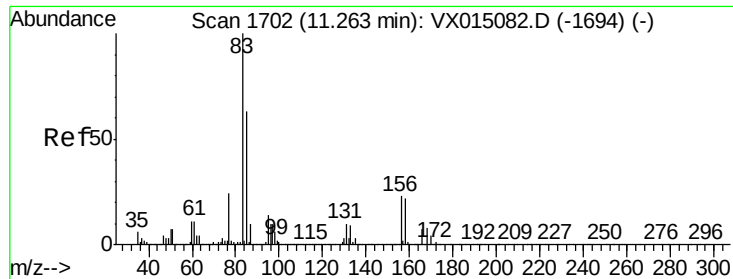
43 100

70 44.5 34.7 52.1

55 24.6 19.4 29.0

61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.280 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 203228

Ion Ratio Lower Upper

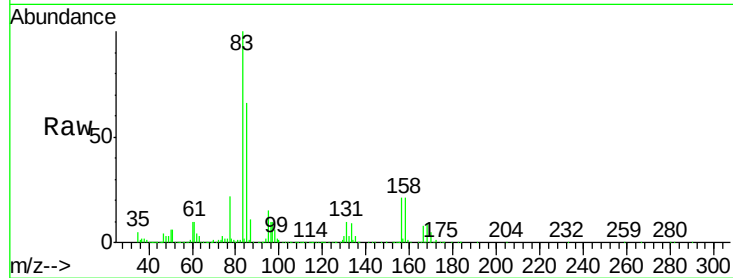
83 100

131 10.6 5.0 14.9

85 64.8 31.9 95.9

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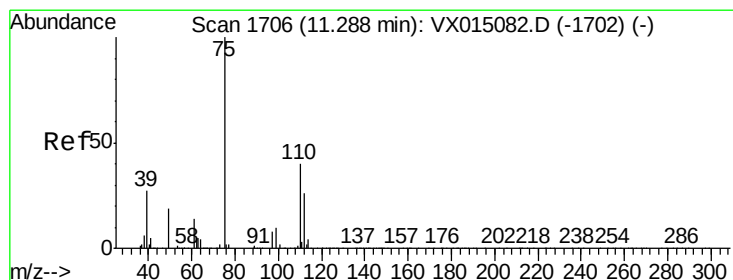
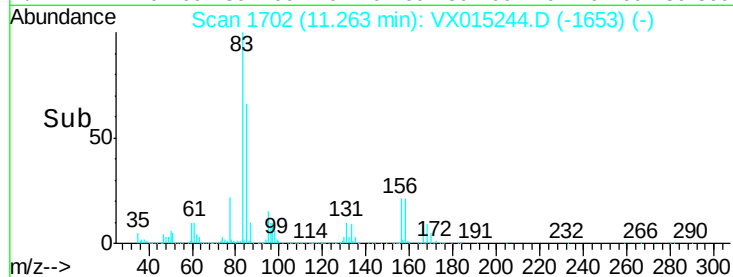
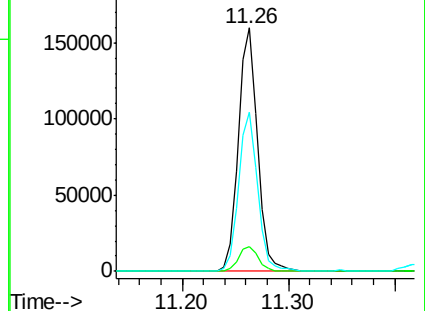
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 41.497 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015244.D

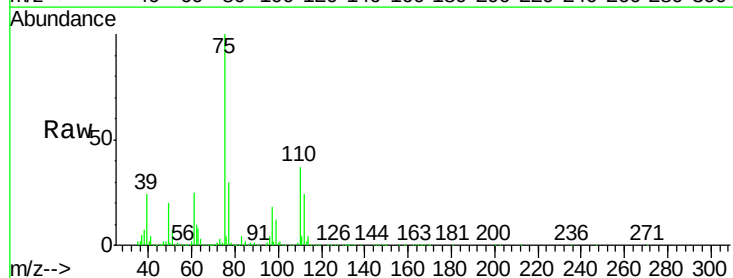
Acq: 13 Mar 2020 08:53

Tgt Ion: 75 Resp: 174506

Ion Ratio Lower Upper

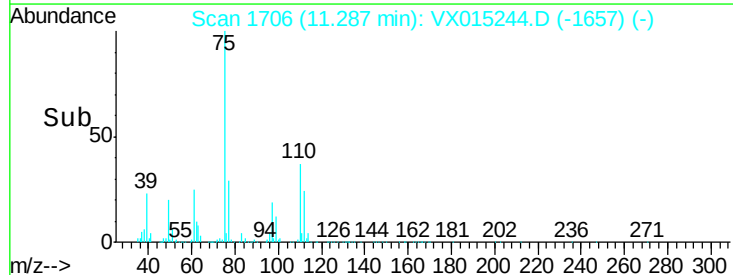
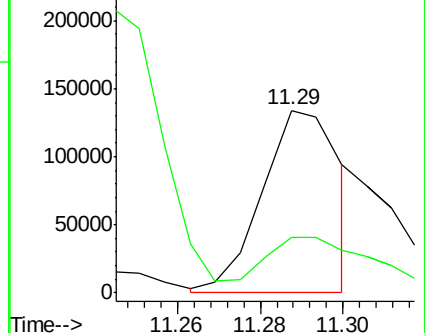
75 100

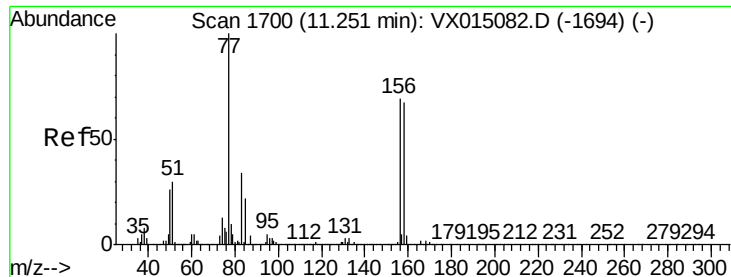
77 43.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.202 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

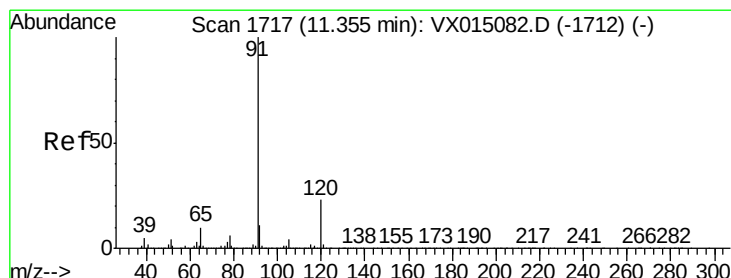
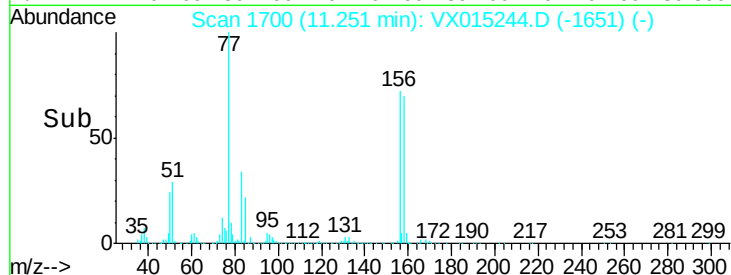
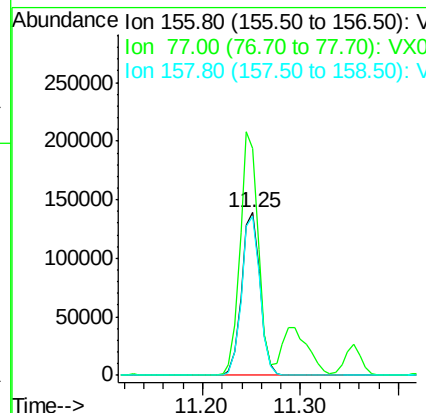
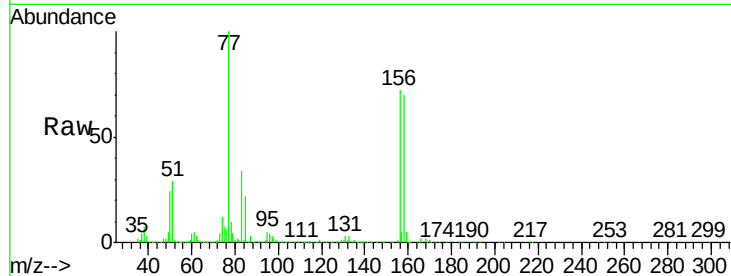
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.3	75.3	225.9
158	97.0	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.485 ug/l

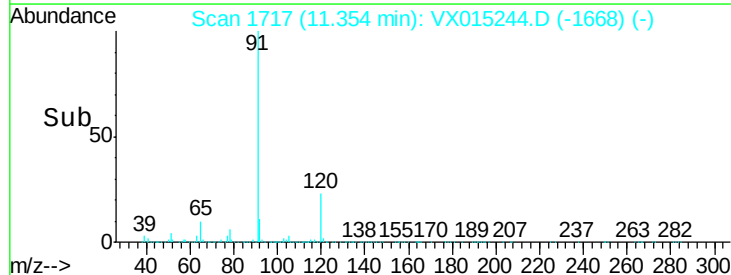
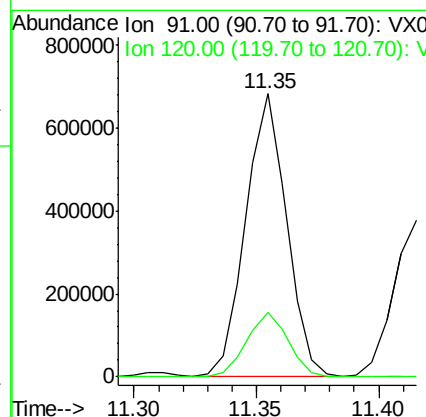
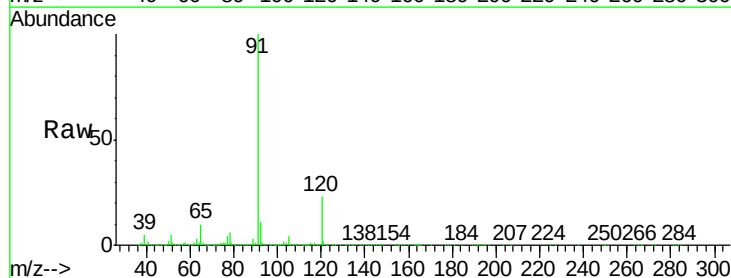
RT: 11.35 min Scan# 1717

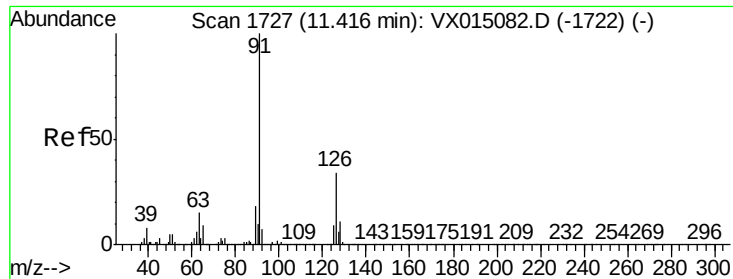
Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 49.753 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 457157

Ion Ratio Lower Upper

91 100

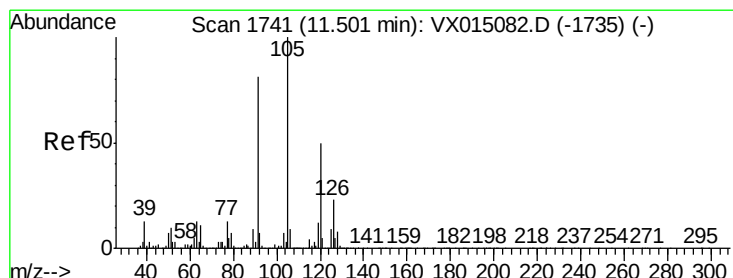
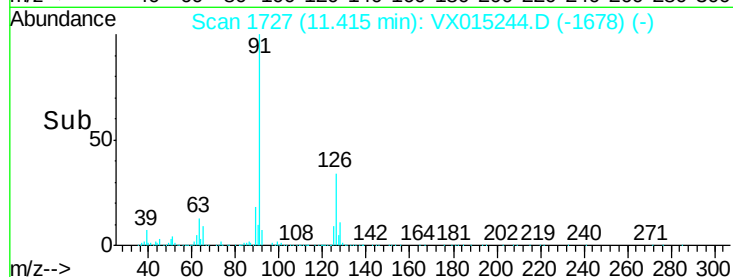
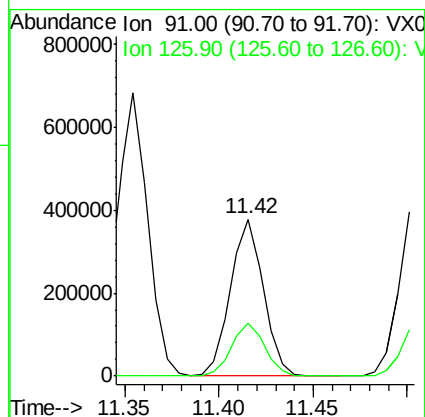
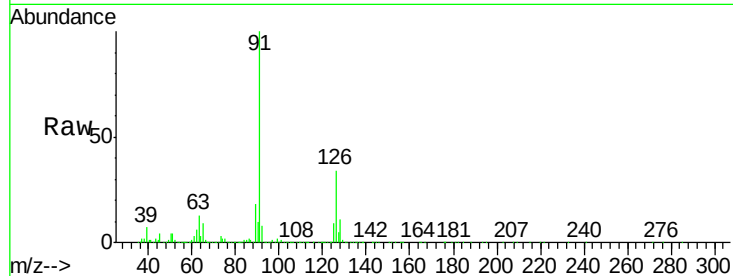
126 34.4 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.101 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015244.D

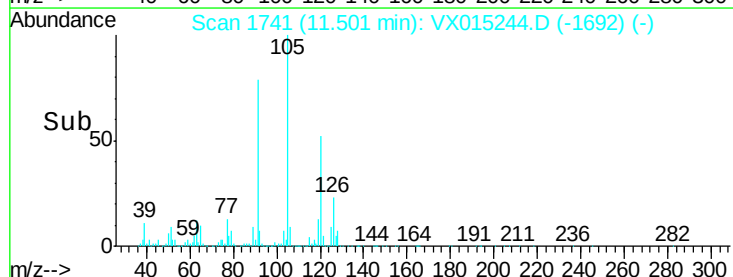
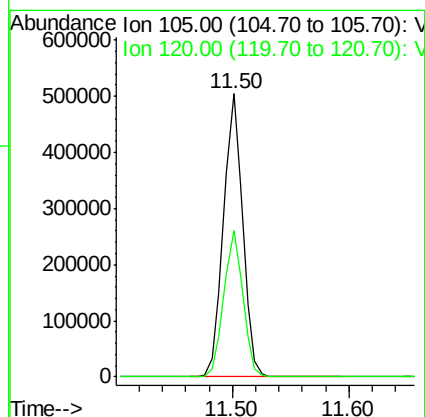
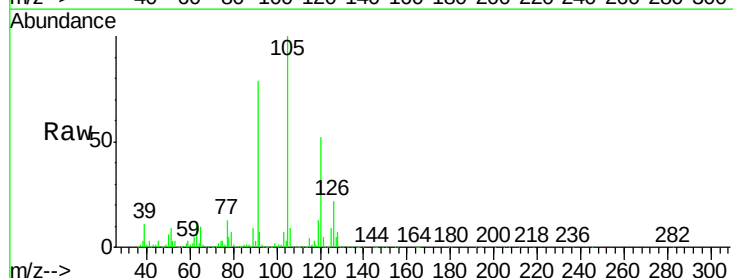
Acq: 13 Mar 2020 08:53

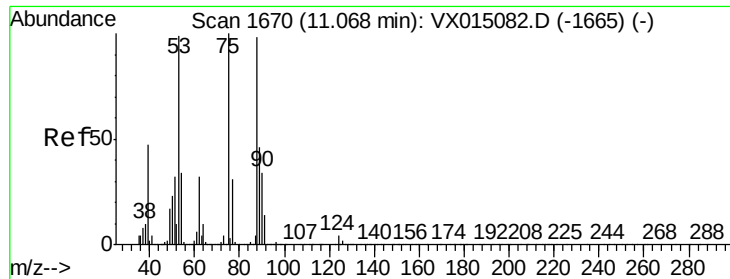
Tgt Ion: 105 Resp: 572901

Ion Ratio Lower Upper

105 100

120 51.6 25.1 75.4





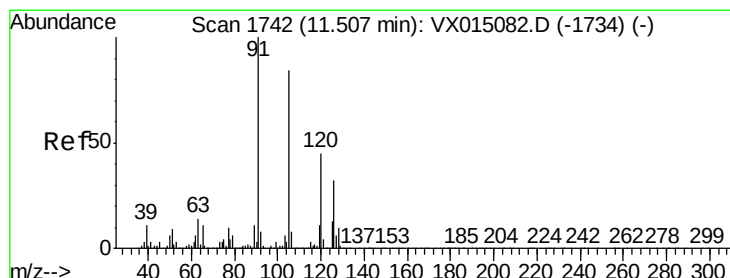
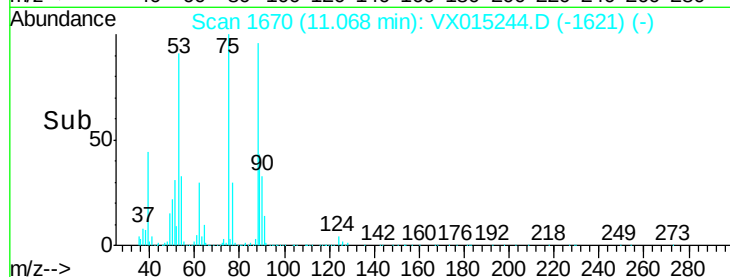
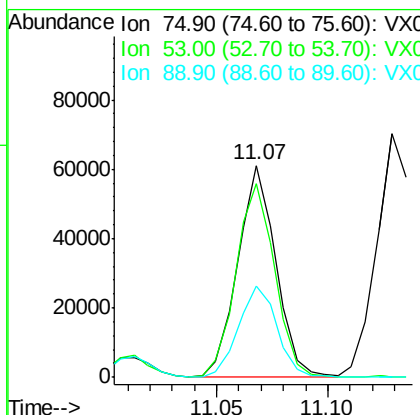
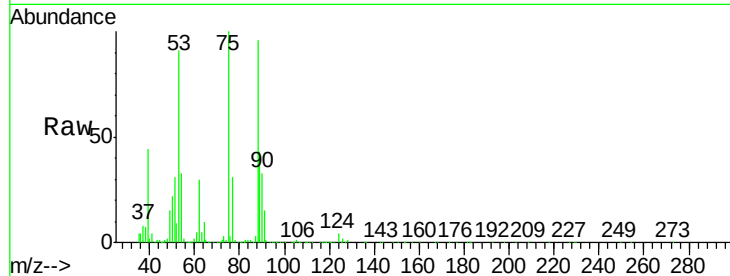
#81
trans-1,4-Dichloro-2-butene
Concen: 48.893 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	77.9	116.9
89	44.2	36.2	54.2

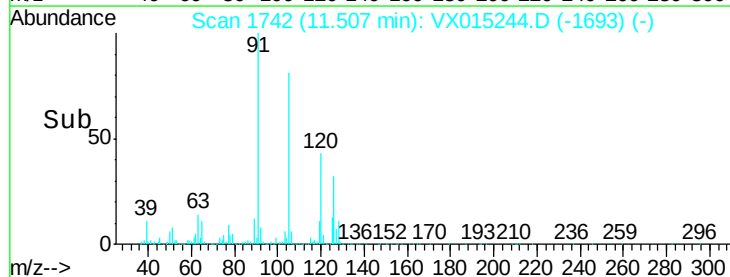
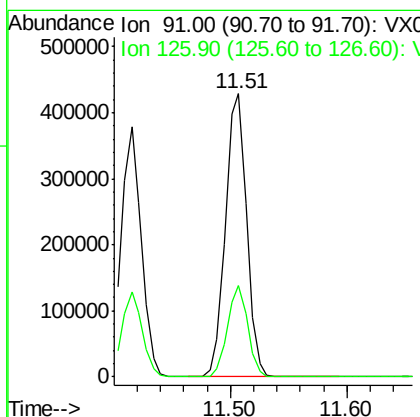
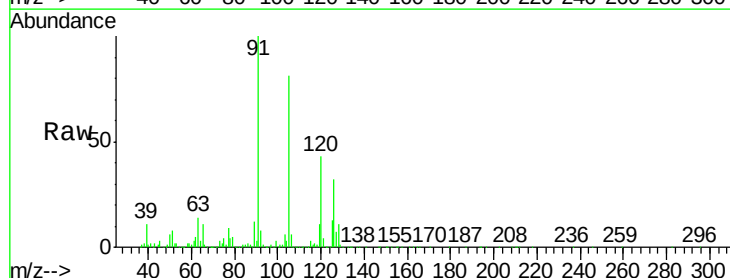
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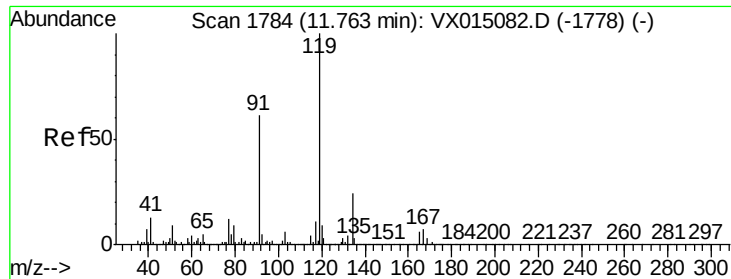
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#82
4-Chlorotoluene
Concen: 49.518 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.2





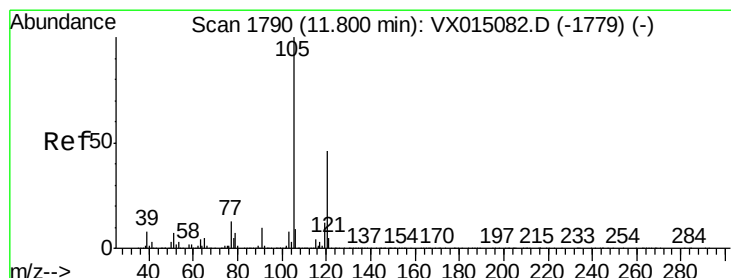
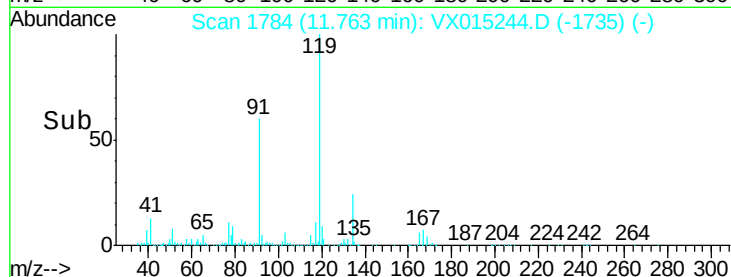
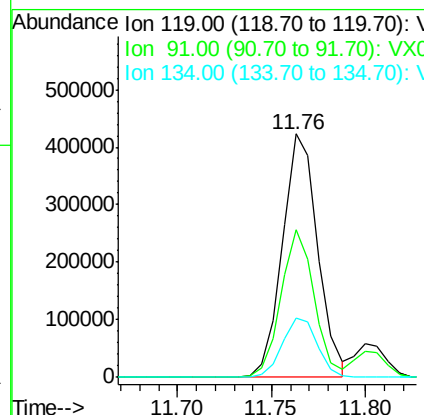
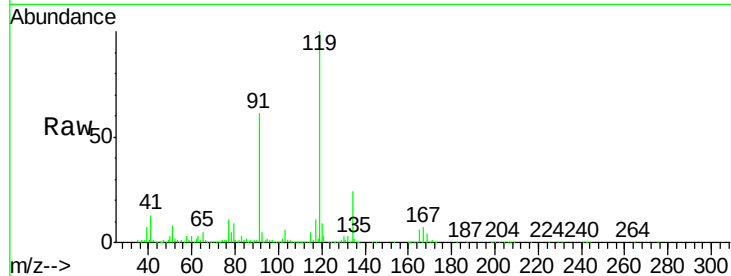
#83
 tert-Butylbenzene
 Concen: 50.605 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	548583		
91	57.5	28.5	85.6	
134	24.3	11.9	35.7	

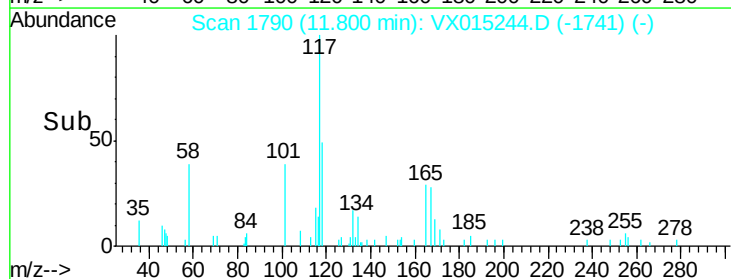
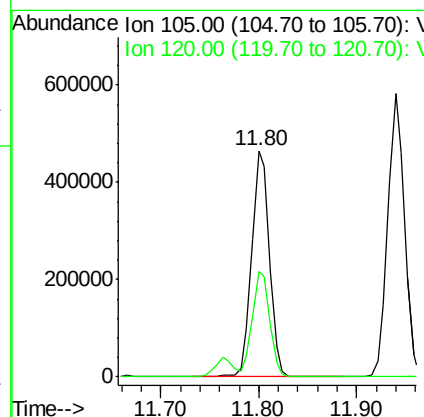
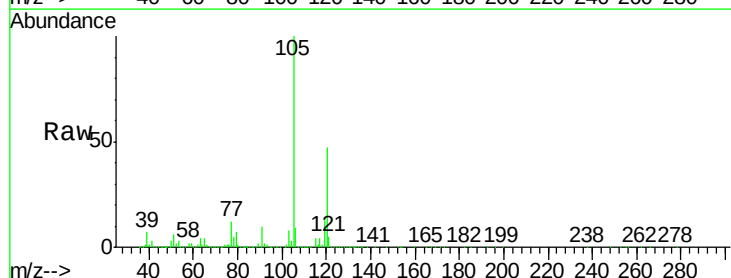
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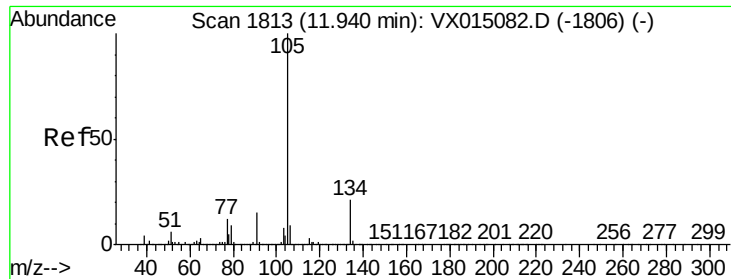
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.743 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	582779		
120	45.8	22.9	68.5	





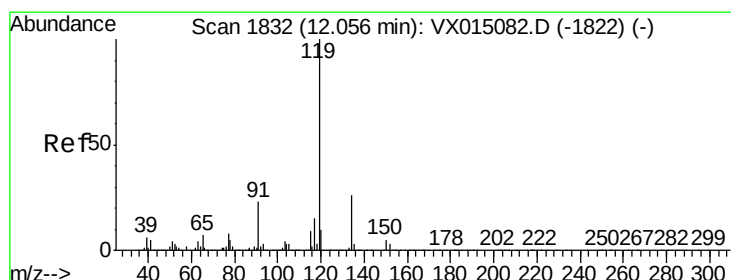
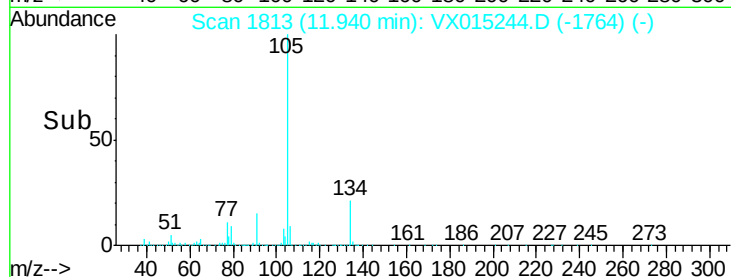
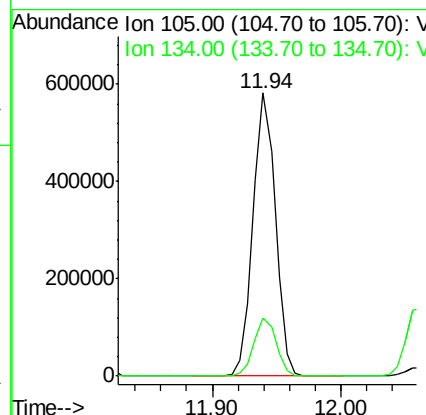
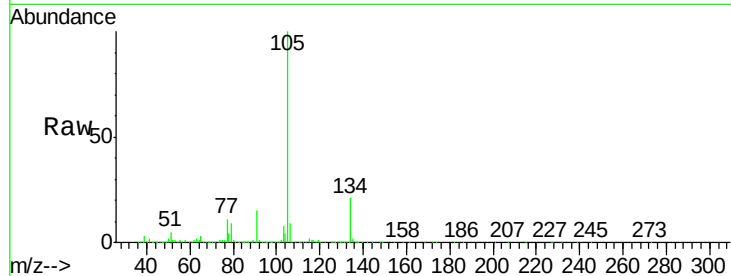
#85
 sec-Butylbenzene
 Concen: 52.813 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.2

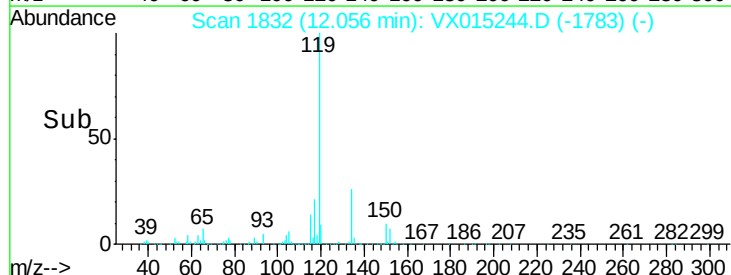
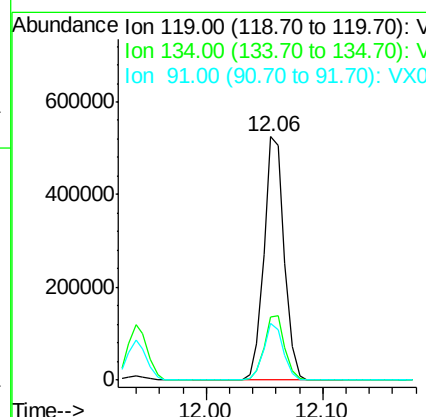
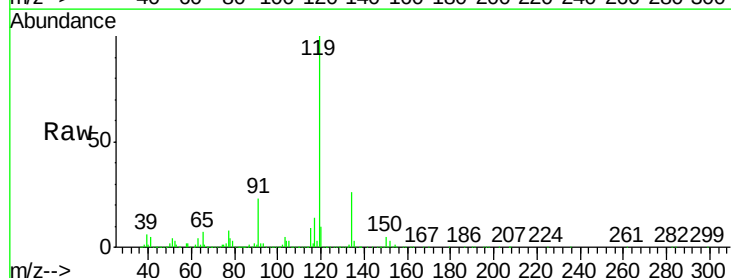
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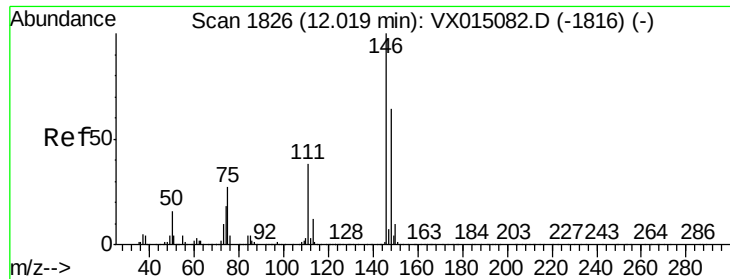
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#86
 p-Isopropyltoluene
 Concen: 52.728 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	22.6	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 49.279 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015244.D

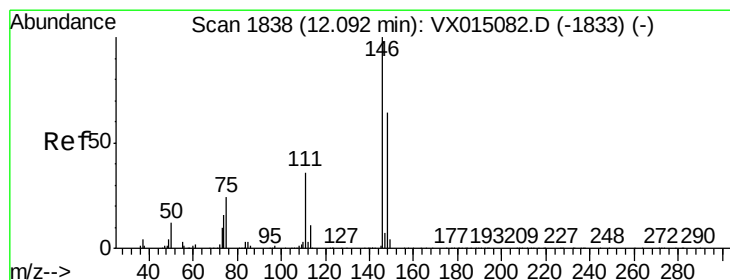
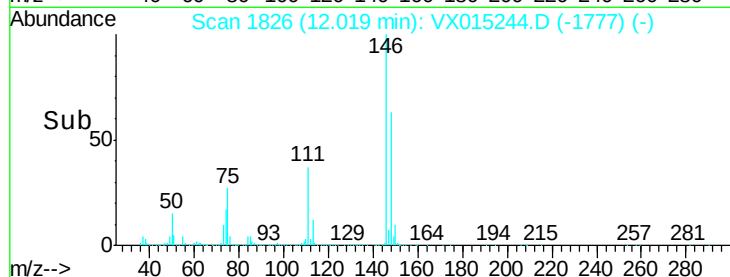
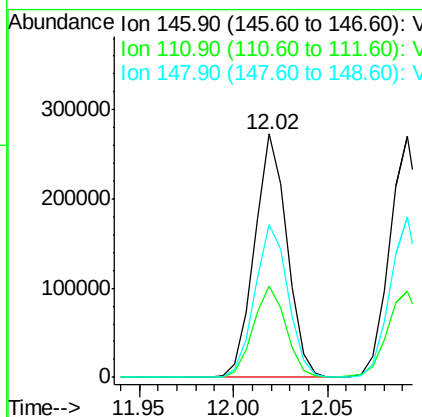
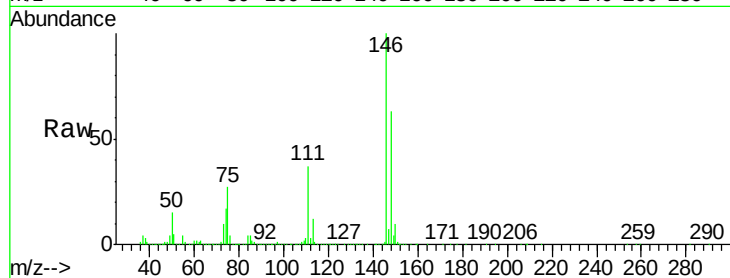
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.3	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.130 ug/l

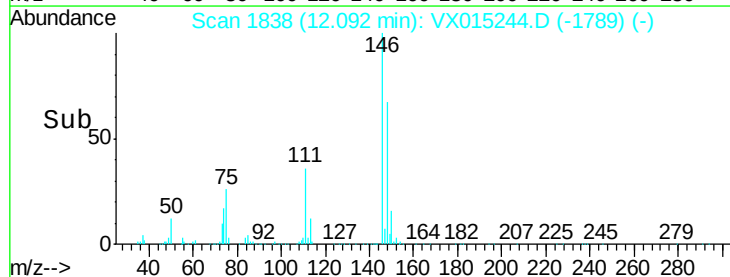
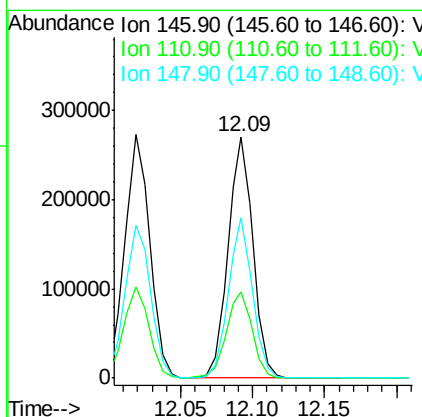
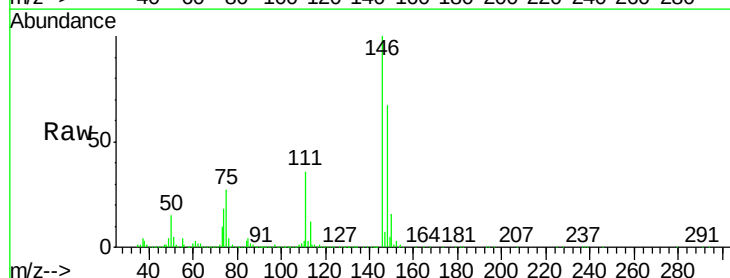
RT: 12.09 min Scan# 1838

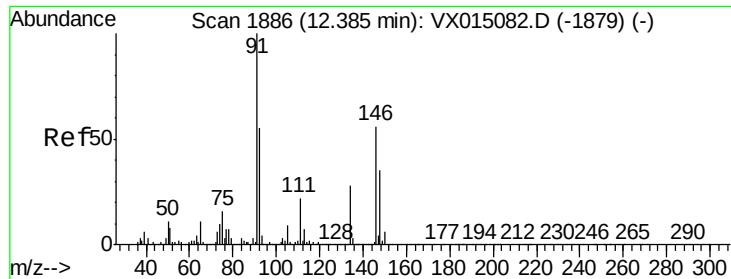
Delta R.T. -0.00 min

Lab File: VX015244.D

Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.7	32.5	97.4





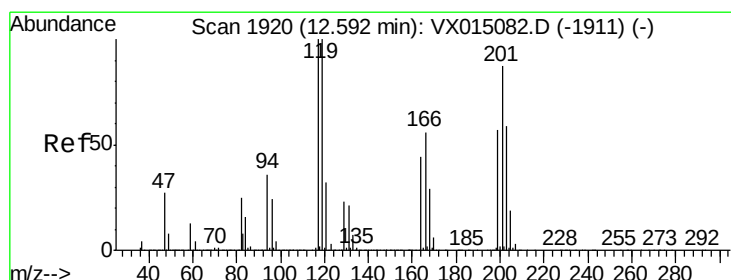
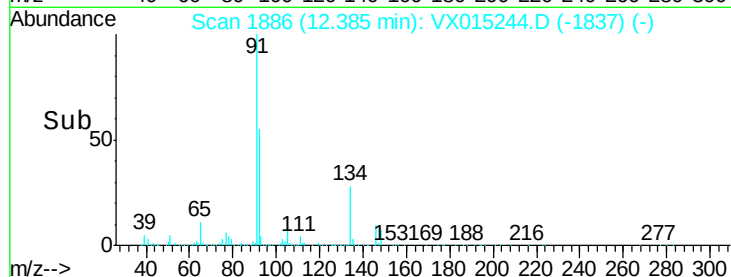
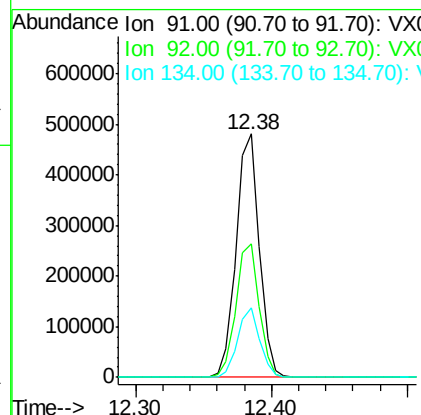
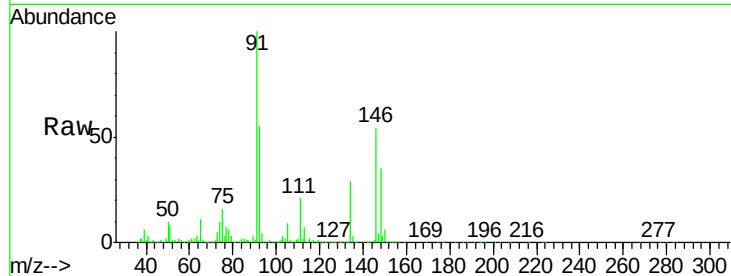
#89
n-Butylbenzene
Concen: 52.867 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	566904		
92	55.4		27.2	81.6
134	27.5		13.5	40.5

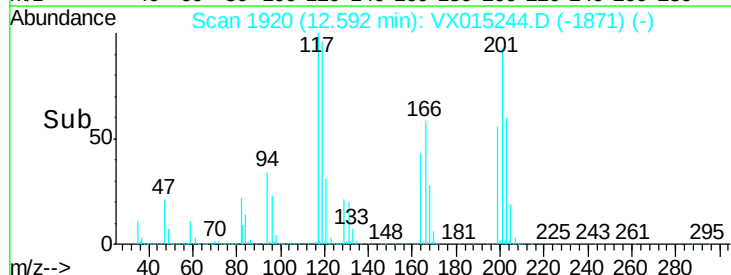
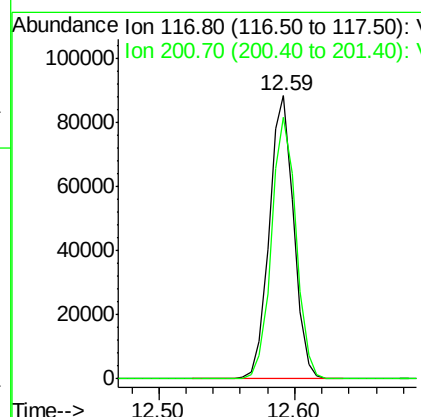
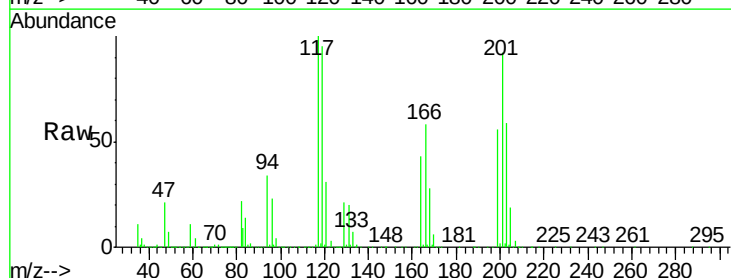
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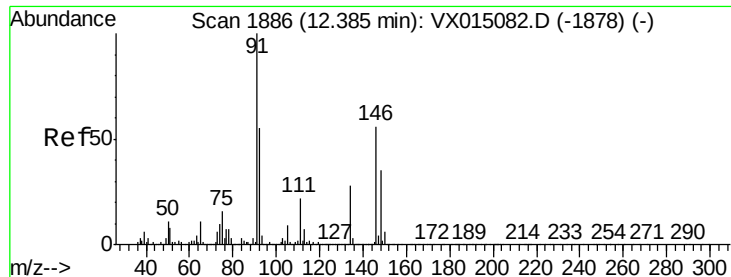
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#90
Hexachloroethane
Concen: 48.942 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111557		
201	92.9		43.5	130.7





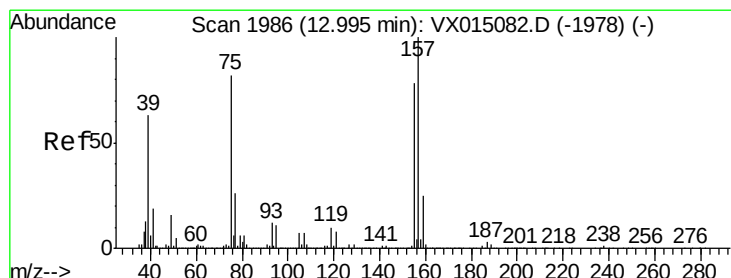
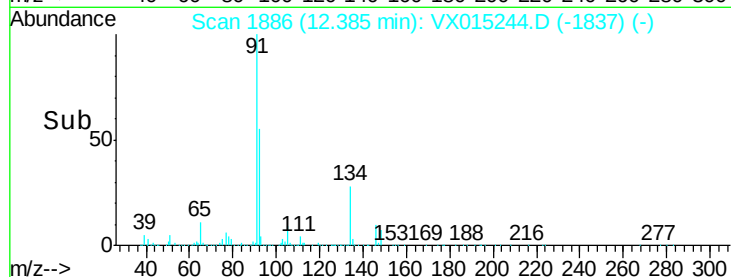
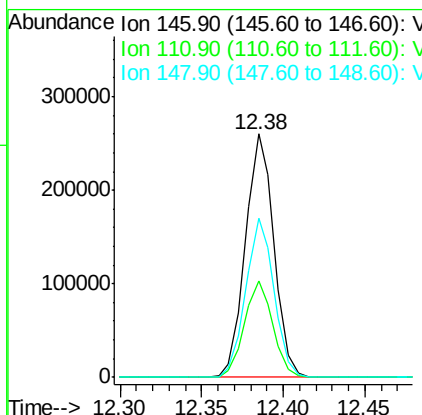
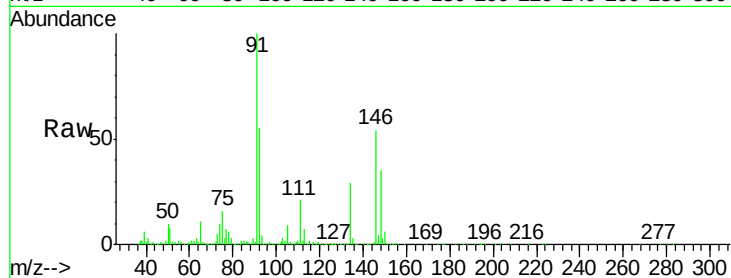
#91
 1,2-Dichlorobenzene
 Concen: 48.412 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	64.7	32.3	96.8

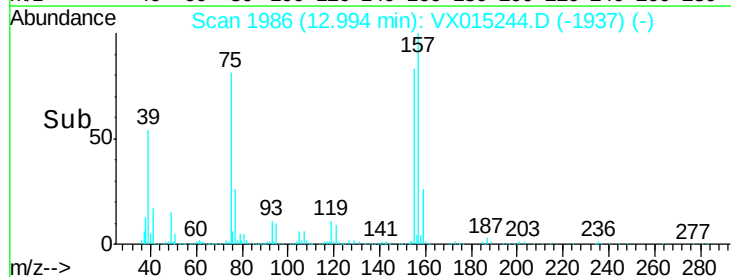
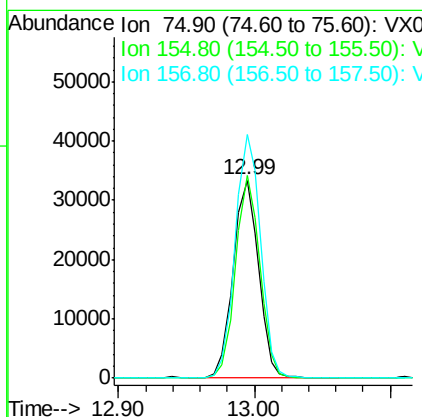
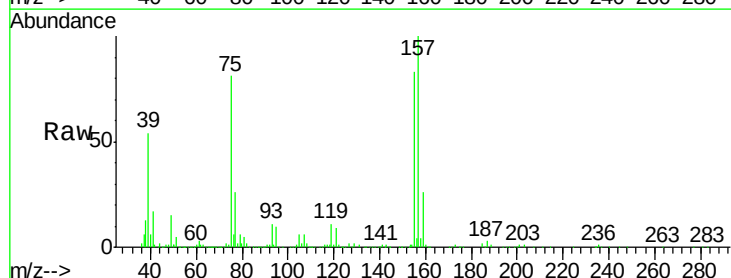
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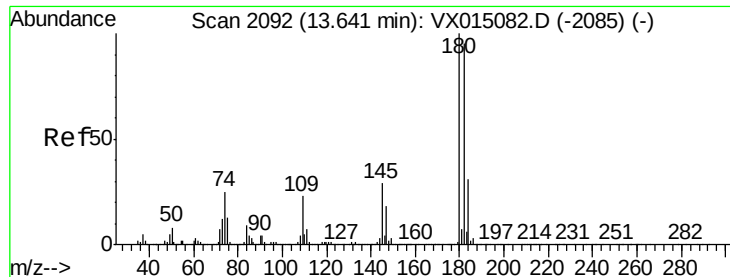
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.239 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	46.6	139.7
157	123.5	59.2	177.5





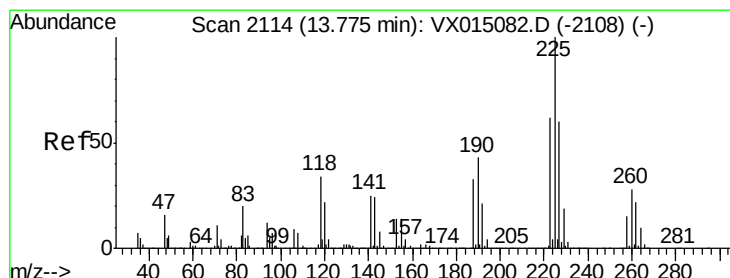
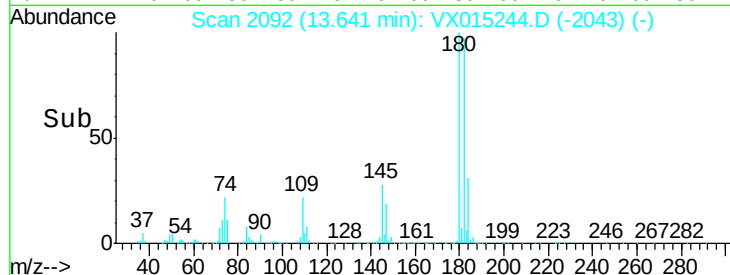
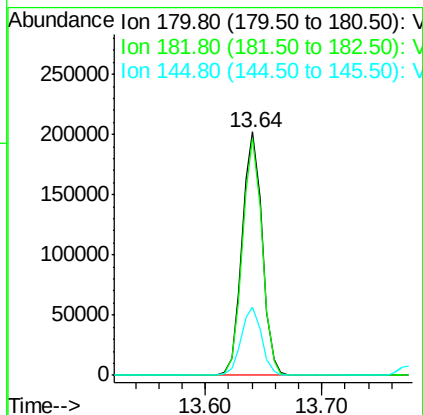
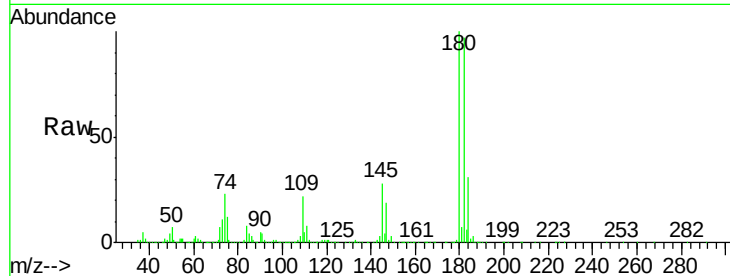
#93
 1,2,4-Trichlorobenzene
 Concen: 53.544 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	28.4	14.1	42.2

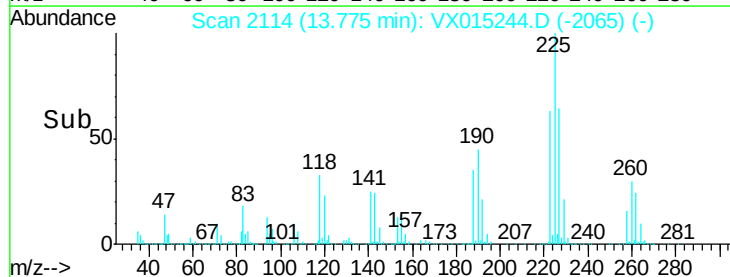
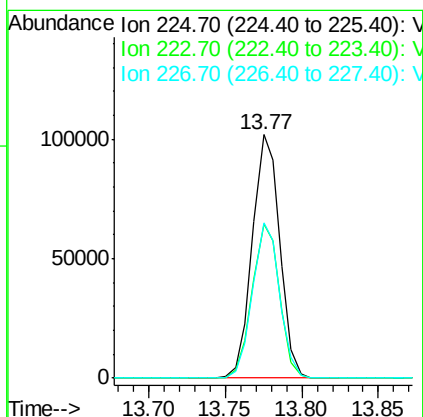
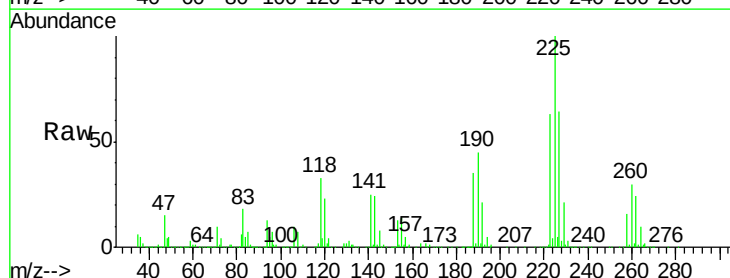
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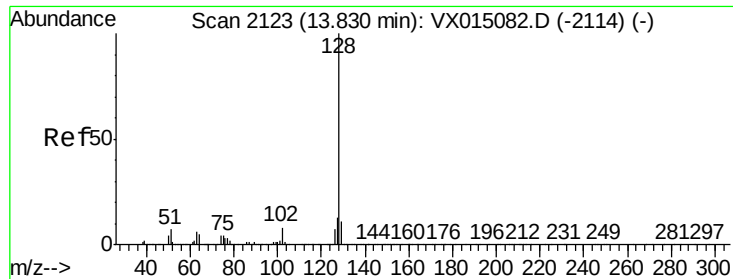
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#94
 Hexachlorobutadiene
 Concen: 54.343 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015244.D
 Acq: 13 Mar 2020 08:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.9
227	62.9	31.1	93.2





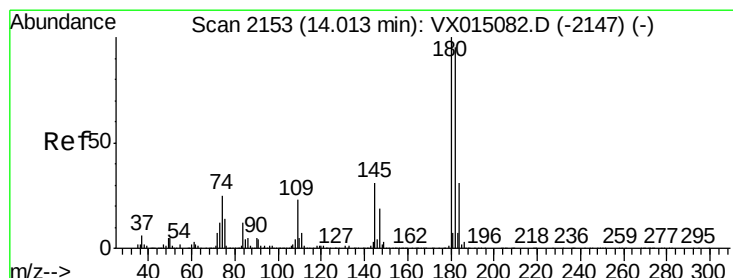
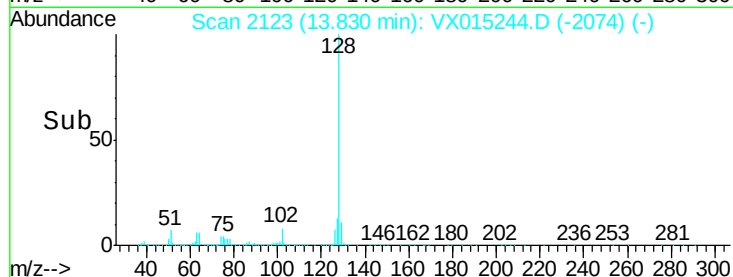
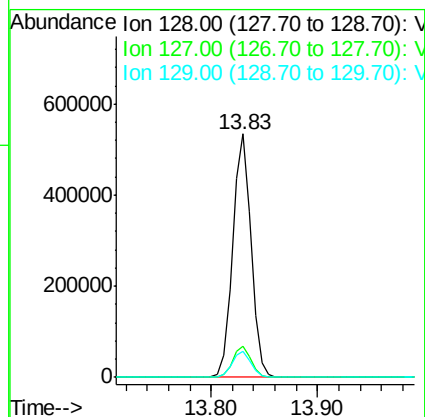
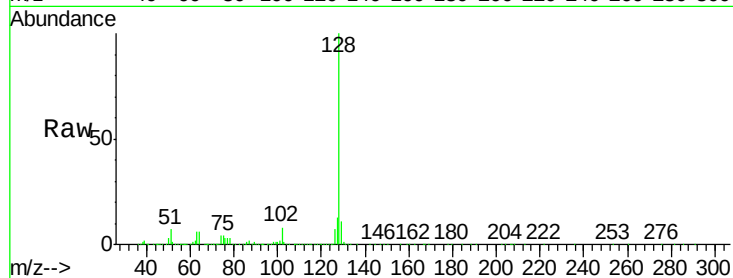
#95
Naphthalene
Concen: 46.294 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	644512
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.290 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015244.D
Acq: 13 Mar 2020 08:53

Tgt Ion:	180	Resp:	242102
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.4
145	29.5	15.1	45.3

