

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092519\
 Data File : VX012662.D
 Acq On : 25 Sep 2019 17:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:50 AM

Quant Time: Sep 26 00:05:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	204624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	151525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	143907	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	107517	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	8.71	98	409629	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	164908	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	97383	42.304	ug/l	100
3) Chloromethane	1.31	50	96924	36.667	ug/l	97
4) Vinyl Chloride	1.40	62	110596	42.094	ug/l	100
5) Bromomethane	1.62	94	33453	32.384	ug/l	94
6) Chloroethane	1.71	64	71558	40.401	ug/l	96
7) Trichlorofluoromethane	1.92	101	161077	43.666	ug/l	99
8) Diethyl Ether	2.17	74	65830	43.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102751	45.732	ug/l	94
10) Methyl Iodide	2.50	142	67127	30.504	ug/l	93
11) Tert butyl alcohol	3.03	59	156890	210.773	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99867	45.393	ug/l	98
13) Acrolein	2.28	56	75764	185.472	ug/l	98
14) Allyl chloride	2.72	41	193887	44.419	ug/l	98
15) Acrylonitrile	3.13	53	319501	211.571	ug/l	99
16) Acetone	2.43	43	351135	222.476	ug/l	98
17) Carbon Disulfide	2.56	76	260775	42.280	ug/l	100
18) Methyl Acetate	2.76	43	155704	41.897	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	375578	45.101	ug/l	98
20) Methylene Chloride	2.84	84	113853	42.650	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107631	44.159	ug/l	97
22) Diisopropyl ether	3.84	45	376944	44.692	ug/l	95
23) Vinyl Acetate	3.80	43	1656289	223.930	ug/l	98
24) 1,1-Dichloroethane	3.69	63	204527	44.611	ug/l	99
25) 2-Butanone	4.65	43	486228	214.855	ug/l	97
26) 2,2-Dichloropropane	4.56	77	184085	45.146	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	124502	44.023	ug/l	96
28) Bromochloromethane	5.00	49	79583	47.807	ug/l	99
29) Tetrahydrofuran	5.11	42	294652	213.618	ug/l	98
30) Chloroform	5.19	83	204745	43.651	ug/l	97
31) Cyclohexane	5.56	56	190761	45.993	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	185454	44.612	ug/l	99
36) 1,1-Dichloropropene	5.78	75	154182	45.935	ug/l	98
37) Ethyl Acetate	4.81	43	176925	45.087	ug/l	98
38) Carbon Tetrachloride	5.77	117	154628	45.350	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	193871	47.979	ug/l	99
40) Benzene	6.13	78	452772	45.847	ug/l	98
41) Methacrylonitrile	5.03	41	99321	45.111	ug/l	97
42) 1,2-Dichloroethane	6.18	62	172048	45.877	ug/l	98
43) Isopropyl Acetate	6.43	43	294871	44.934	ug/l	98
44) Trichloroethene	7.20	130	115913	45.912	ug/l	95
45) 1,2-Dichloropropane	7.50	63	119065	47.090	ug/l	97
46) Dibromomethane	7.65	93	77850	45.222	ug/l	96
47) Bromodichloromethane	7.89	83	158783	46.150	ug/l	99
48) Methyl methacrylate	7.76	41	144054	45.781	ug/l	95
49) 1,4-Dioxane	7.73	88	60433	846.750	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	899036	221.940	ug/l	97
52) Toluene	8.78	92	285821	46.048	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	182978	48.067	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	197269	47.462	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	114500	46.399	ug/l	98
56) Ethyl methacrylate	9.17	69	196710	47.448	ug/l	94
57) 1,3-Dichloropropane	9.36	76	199065	46.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	469006	252.027	ug/l	98
59) 2-Hexanone	9.48	43	711679	229.526	ug/l	95
60) Dibromochloromethane	9.57	129	118940	47.613	ug/l	100
61) 1,2-Dibromoethane	9.67	107	120177	46.794	ug/l	100
64) Tetrachloroethene	9.33	164	100838	45.927	ug/l	96
65) Chlorobenzene	10.14	112	301393	45.450	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	110750	46.094	ug/l	98
67) Ethyl Benzene	10.25	91	569709	47.367	ug/l	97
68) m/p-Xylenes	10.36	106	419521	93.113	ug/l	99
69) o-Xylene	10.70	106	202261	46.394	ug/l	96
70) Styrene	10.71	104	356554	48.786	ug/l	99
71) Bromoform	10.85	173	79947	47.787	ug/l #	100
73) Isopropylbenzene	11.01	105	558280	45.237	ug/l	100
74) N-amyl acetate	10.89	43	267204	45.384	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	180244	44.099	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	173806m	43.363	ug/l	
77) Bromobenzene	11.25	156	123279	44.136	ug/l	95
78) n-propylbenzene	11.35	91	633813	45.618	ug/l	99
79) 2-Chlorotoluene	11.42	91	379954	43.837	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	477143	46.105	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	60299	43.112	ug/l	98
82) 4-Chlorotoluene	11.51	91	451890	45.736	ug/l	97
83) tert-Butylbenzene	11.76	119	457228	45.800	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	480348	46.010	ug/l	99
85) sec-Butylbenzene	11.94	105	542690	46.737	ug/l	99
86) p-Isopropyltoluene	12.06	119	498900	47.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233327	46.419	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	233477	45.966	ug/l	99
89) n-Butylbenzene	12.39	91	449971	48.738	ug/l	99
90) Hexachloroethane	12.59	117	82879	44.370	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	229963	45.697	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46254	45.240	ug/l	97

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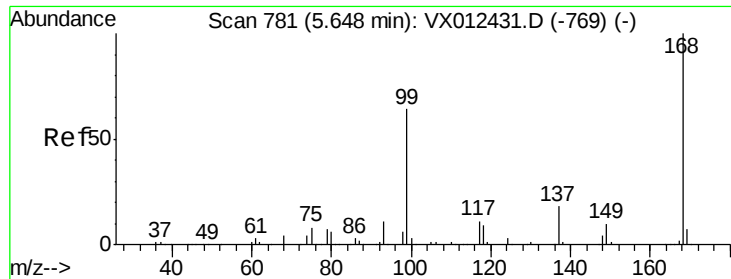
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	154083	50.206	ug/l	98
94) Hexachlorobutadiene	13.78	225	65590	49.679	ug/l	100
95) Naphthalene	13.83	128	566800	51.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	154667	50.310	ug/l	100

(#) = 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. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 204624

Ion Ratio Lower Upper

168 100

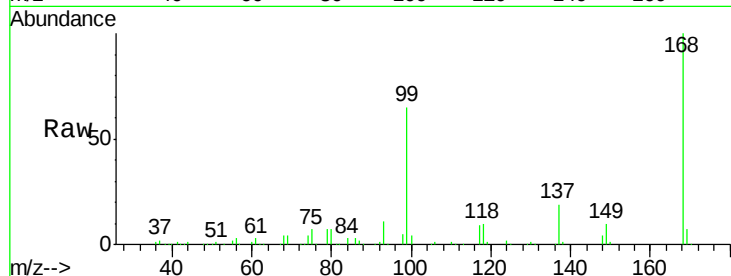
99 64.7 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

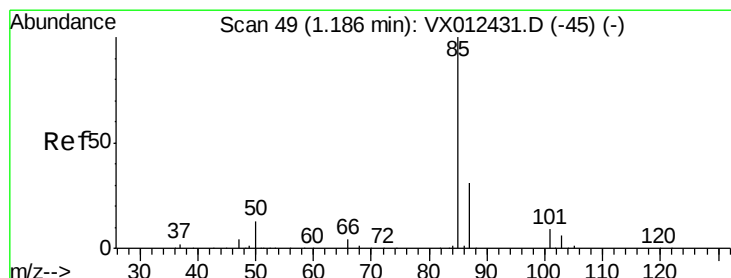
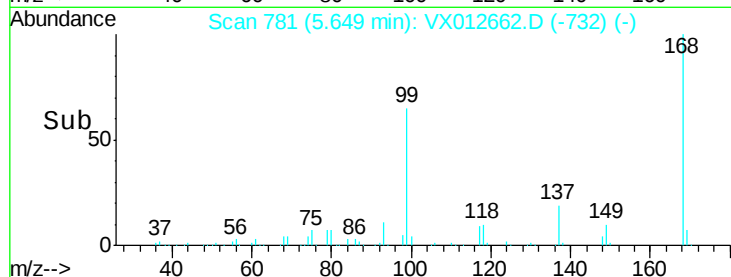
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.304 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012662.D

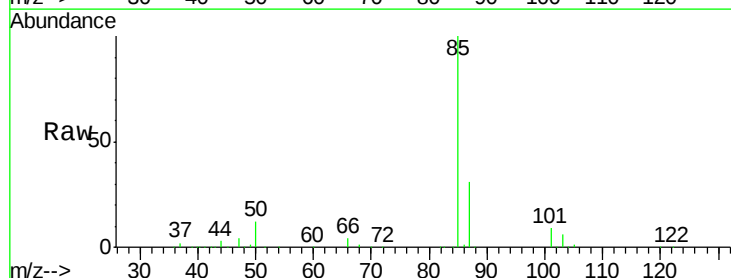
Acq: 25 Sep 2019 17:21

Tgt Ion: 85 Resp: 97383

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

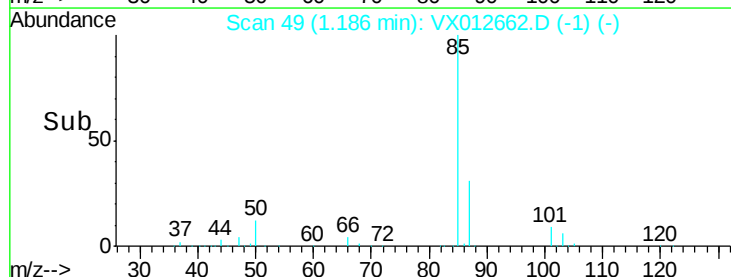
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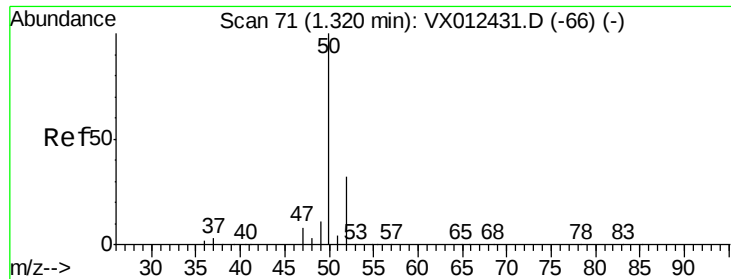
40000

20000

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Time-->





#3

Chloromethane

Concen: 36.667 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96924

Ion Ratio Lower Upper

50 100

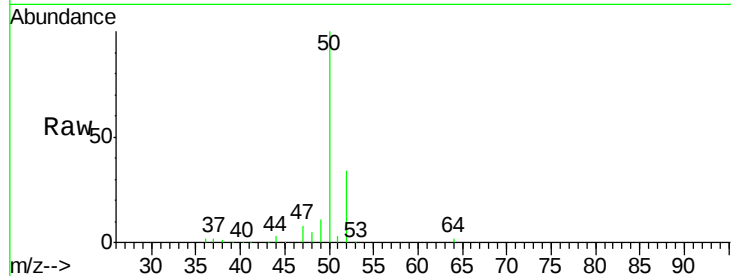
52 33.6 25.7 38.5

Manual Integrations

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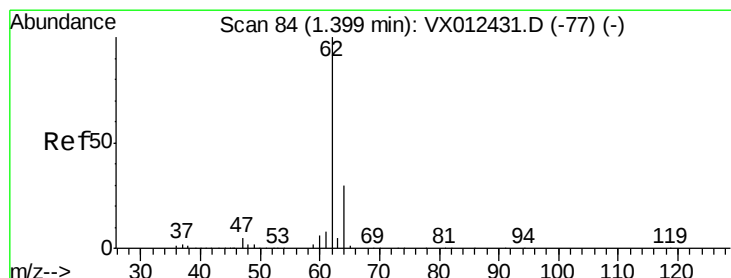
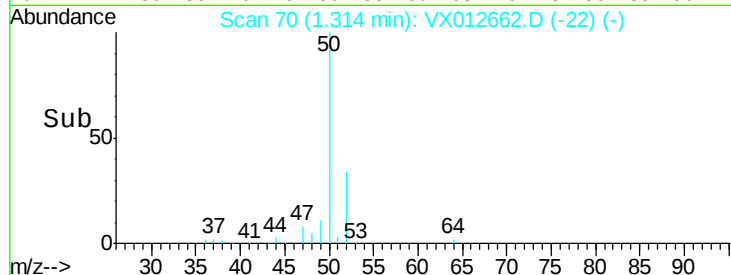
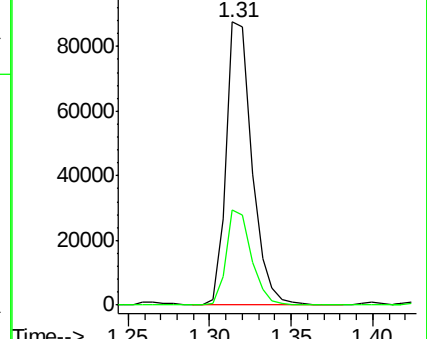
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.094 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012662.D

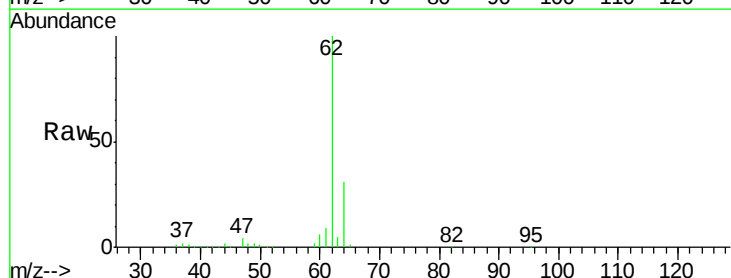
Acq: 25 Sep 2019 17:21

Tgt Ion: 62 Resp: 110596

Ion Ratio Lower Upper

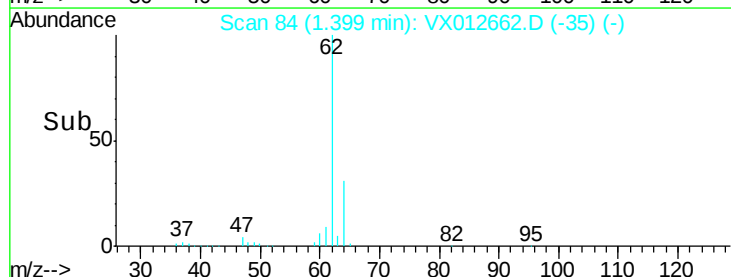
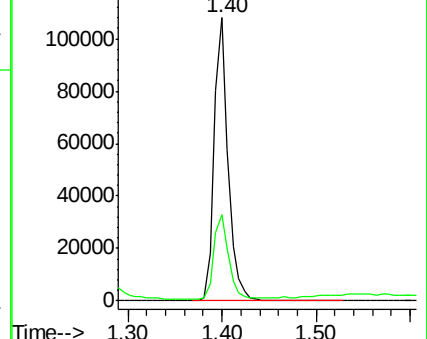
62 100

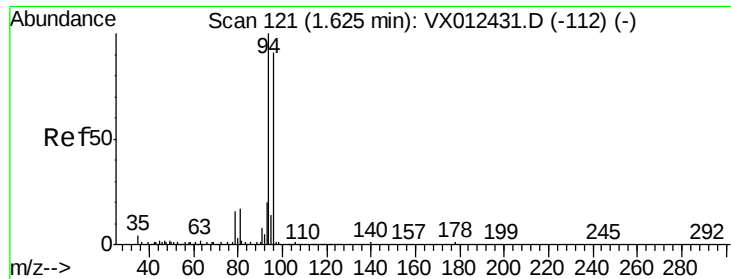
64 30.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.384 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 33453

Ion Ratio Lower Upper

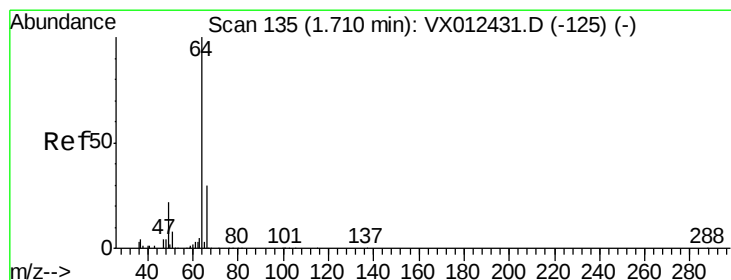
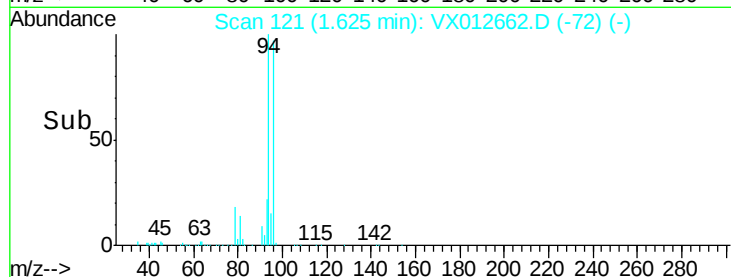
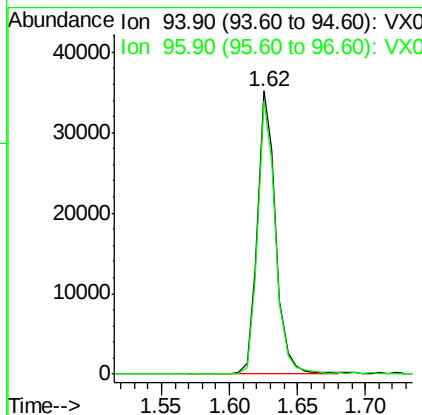
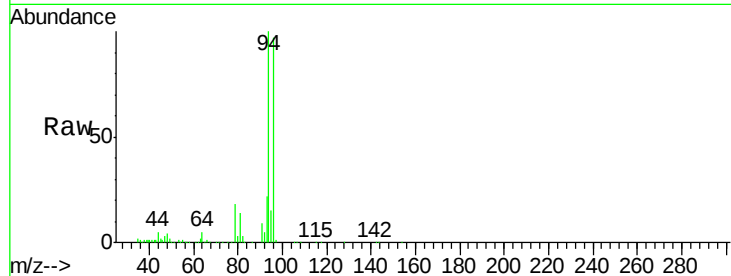
94 100

96 96.7 72.8 109.2

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#6

Chloroethane

Concen: 40.401 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012662.D

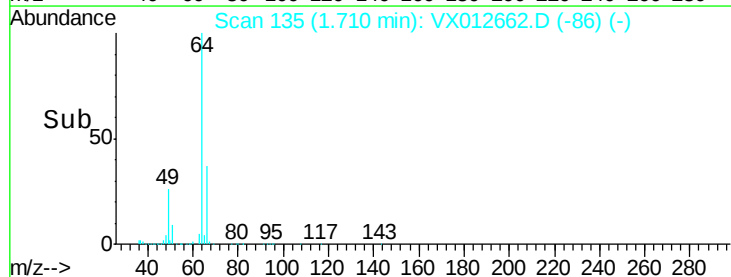
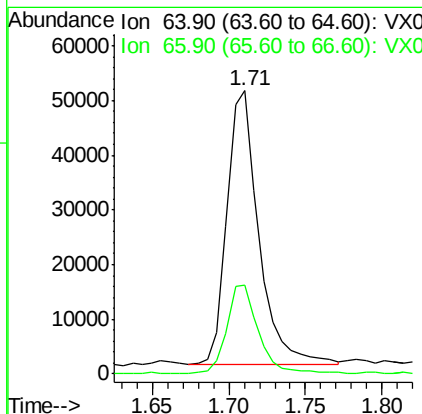
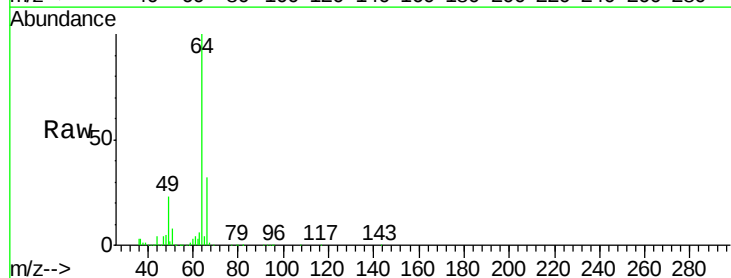
Acq: 25 Sep 2019 17:21

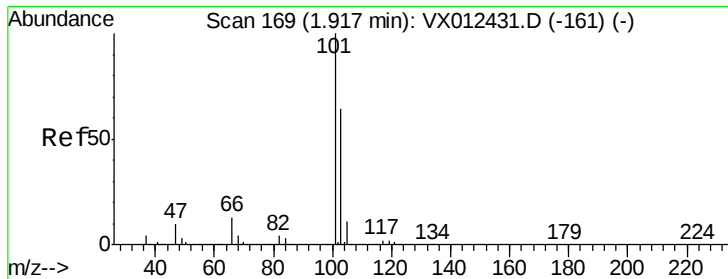
Tgt Ion: 64 Resp: 71558

Ion Ratio Lower Upper

64 100

66 32.4 24.0 36.0





#7

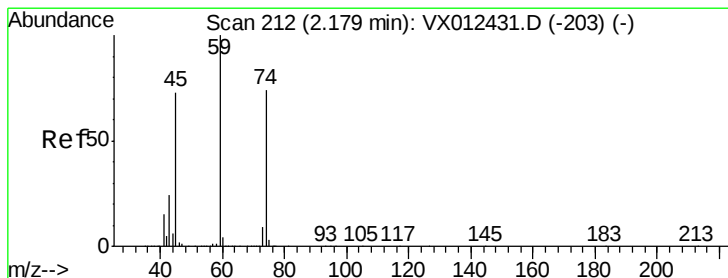
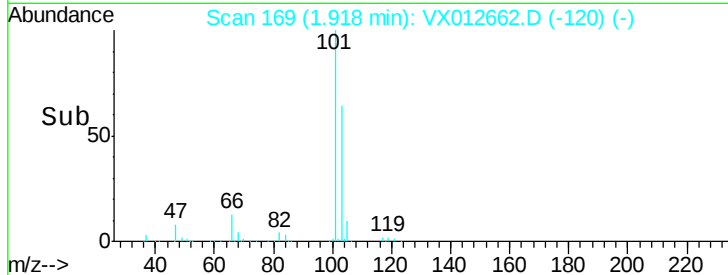
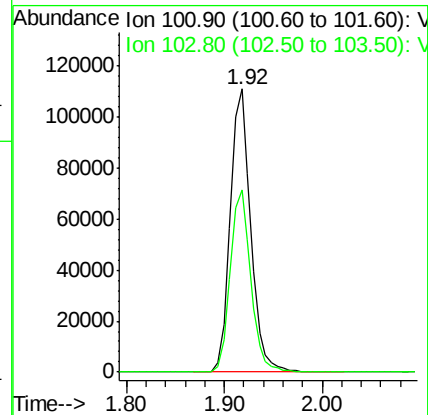
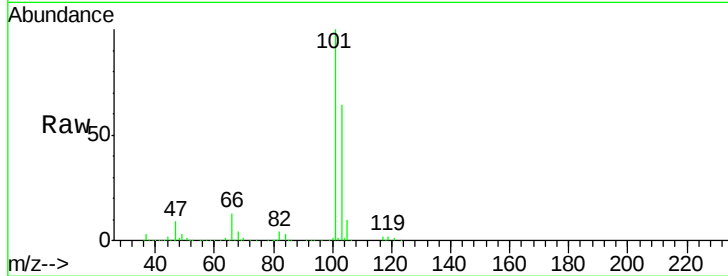
Trichlorofluoromethane
 Concen: 43.666 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.0	76.4

Manual Integrations
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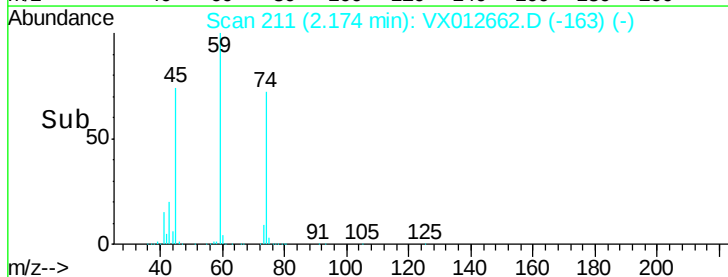
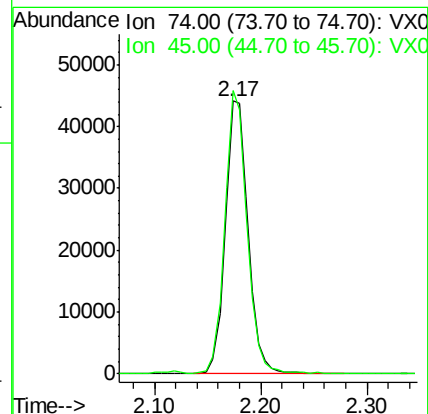
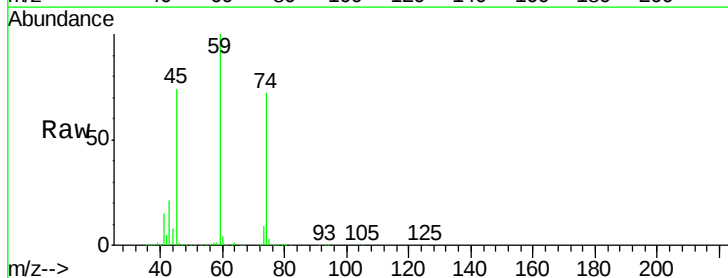
MMDadoda
 9/26/2019 9:33:50 AM

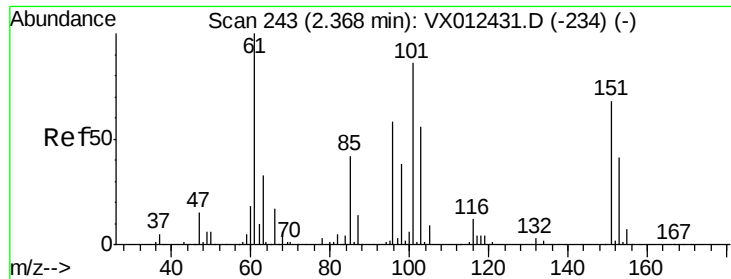


#8

Diethyl Ether
 Concen: 43.547 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.732 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

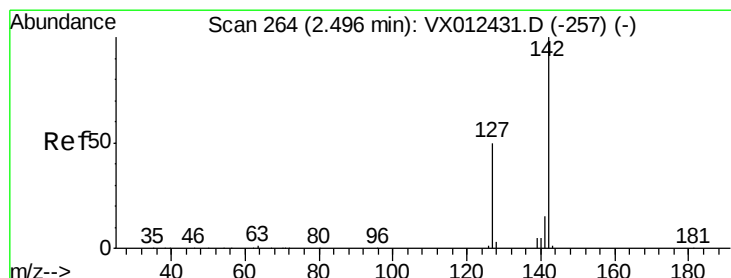
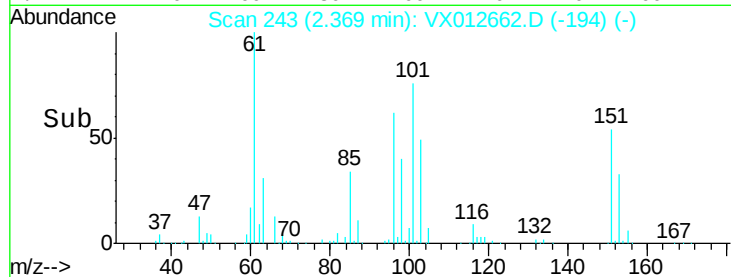
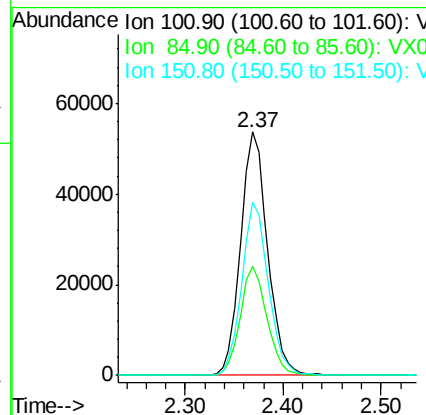
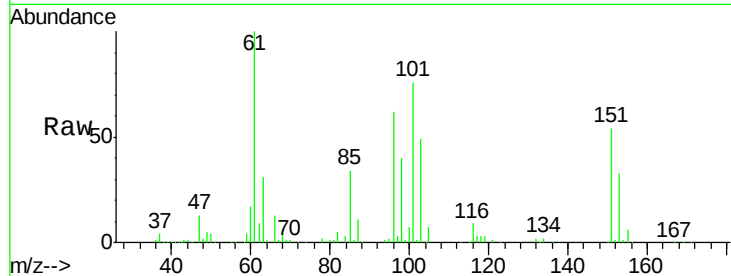
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	102751
Ion Ratio	Lower	Upper	
101	100		
85	44.2	37.3	55.9
151	70.2	61.0	91.4

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#10

Methyl Iodide

Concen: 30.504 ug/l

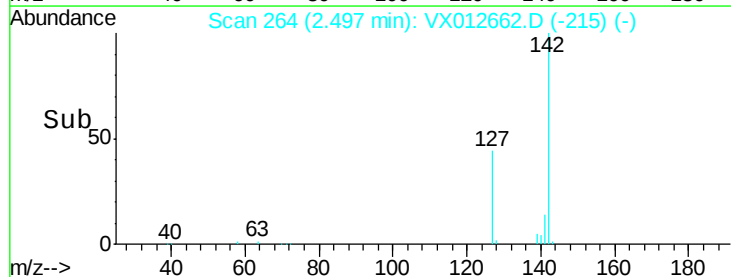
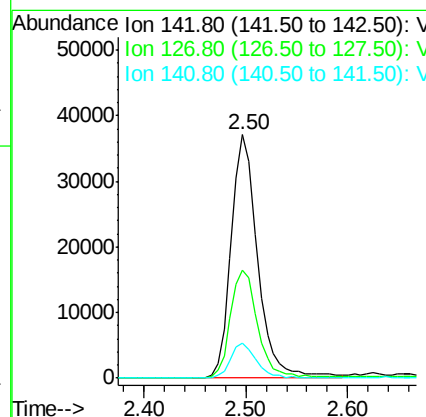
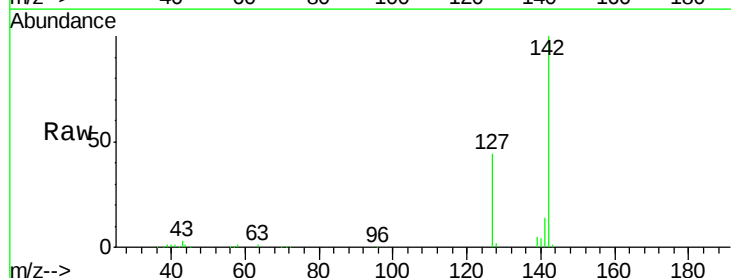
RT: 2.50 min Scan# 264

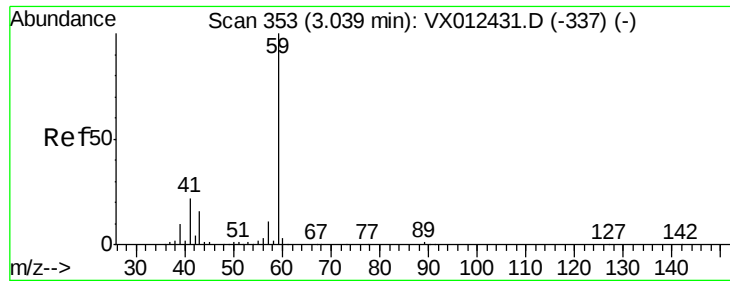
Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion:	142	Resp:	67127
Ion Ratio	Lower	Upper	
142	100		
127	45.4	40.8	61.2
141	14.1	12.1	18.1





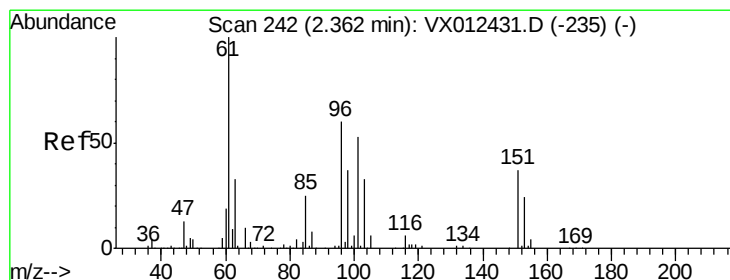
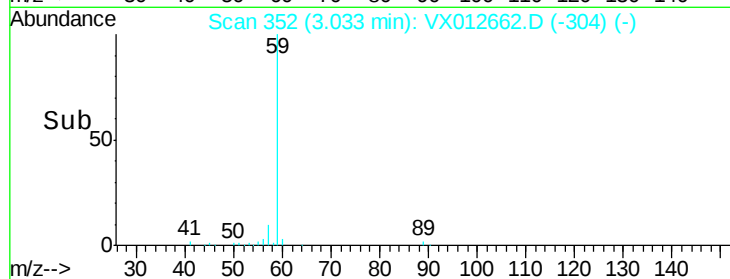
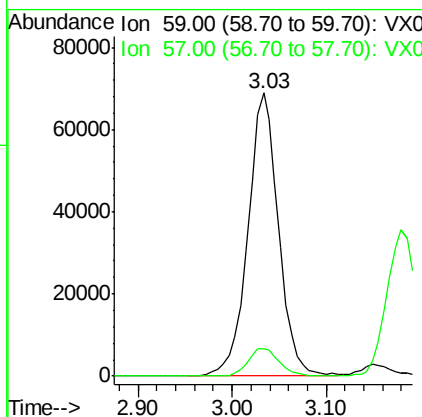
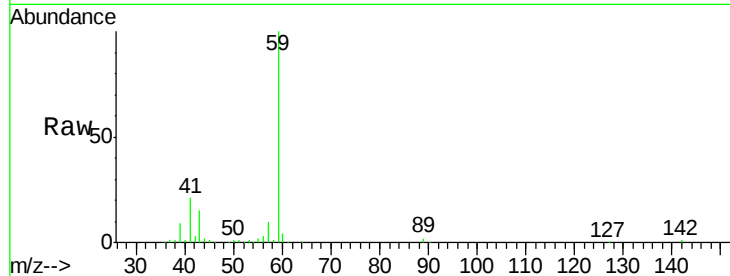
#11
Tert butyl alcohol
Concen: 210.773 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	156890		
57	10.0		8.3	12.5

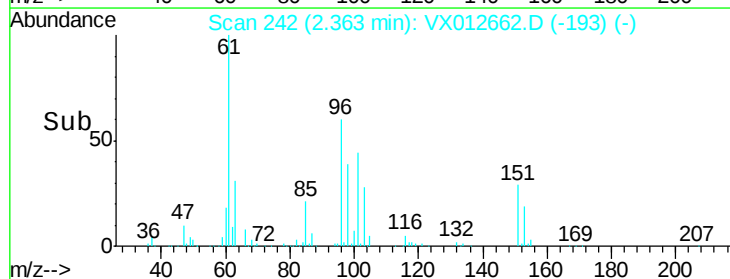
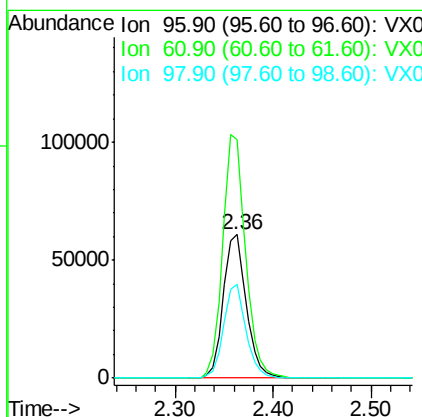
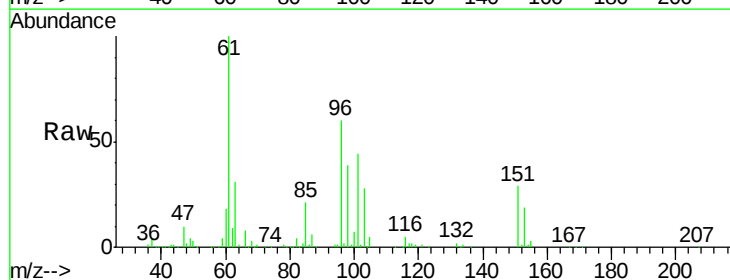
Manual Integrations
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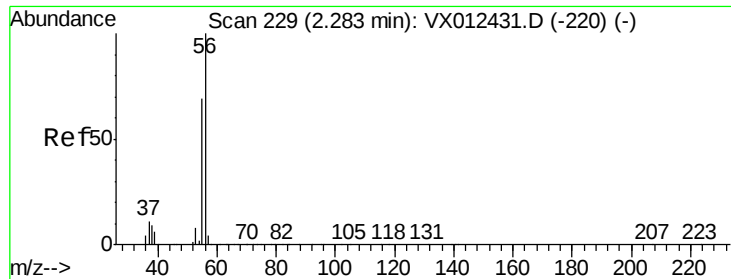
MMDadoda
9/26/2019 9:33:50 AM



#12
1,1-Dichloroethene
Concen: 45.393 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	99867		
61	166.0		133.8	200.6
98	65.2		49.9	74.9





#13

Acrolein

Concen: 185.472 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 75764

Ion Ratio Lower Upper

56 100

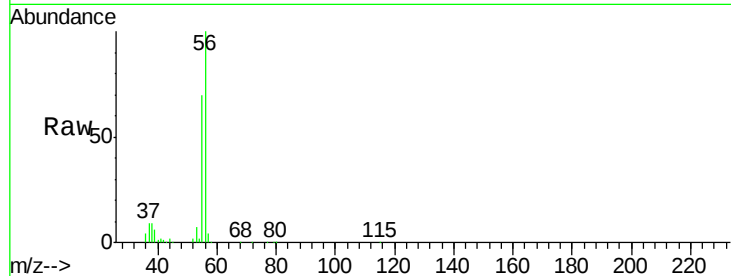
55 71.8 55.8 83.8

Manual Integrations

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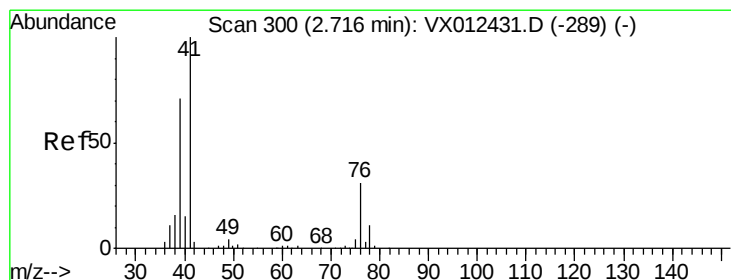
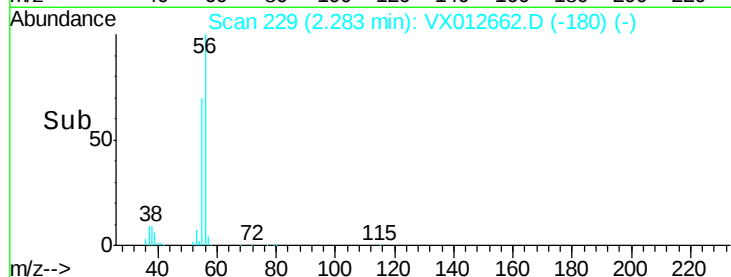
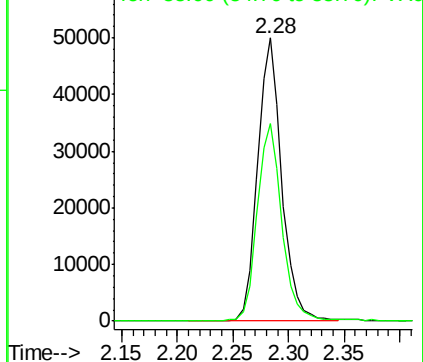
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.419 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

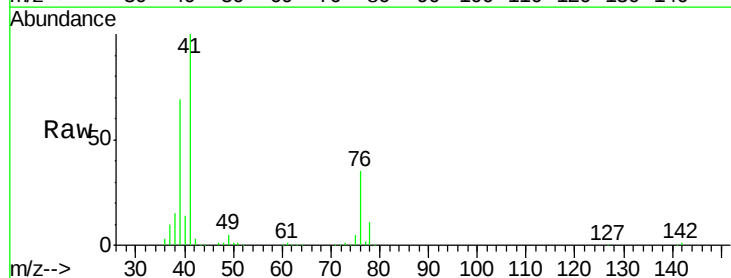
Tgt Ion: 41 Resp: 193887

Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

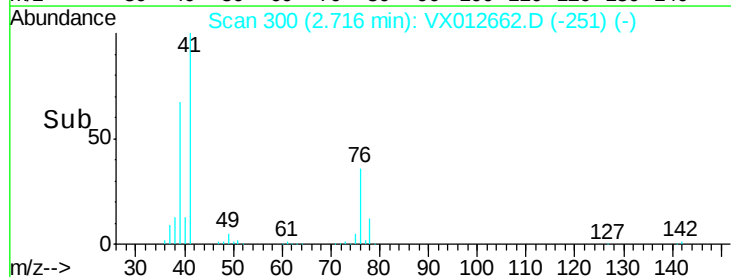
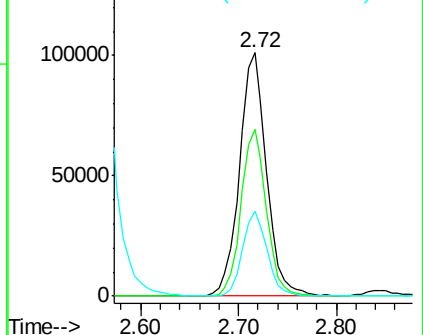
76 31.4 22.6 33.8

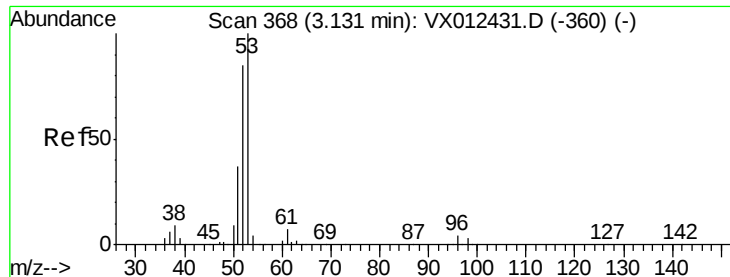


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 211.571 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

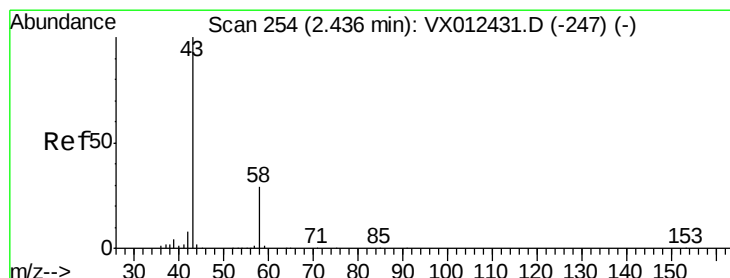
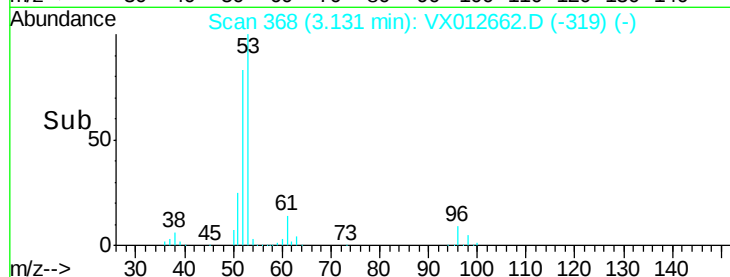
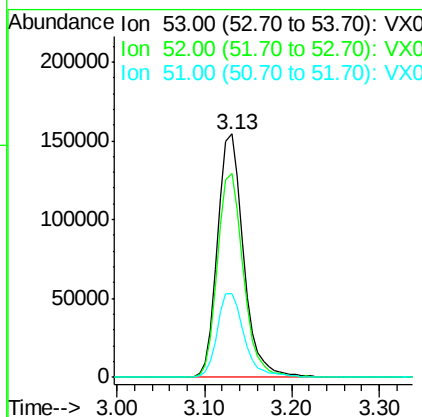
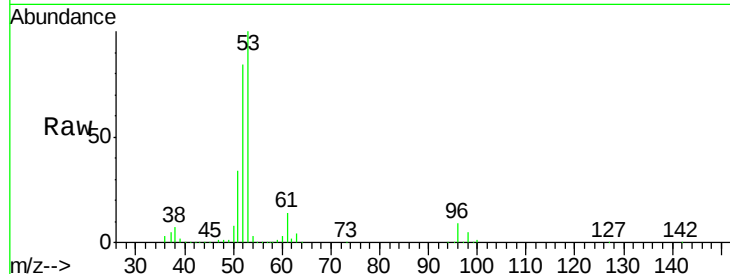
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	319501
Ion Ratio		Lower	Upper
53	100		
52	83.4	67.0	100.4
51	35.8	29.6	44.4

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#16

Acetone

Concen: 222.476 ug/l

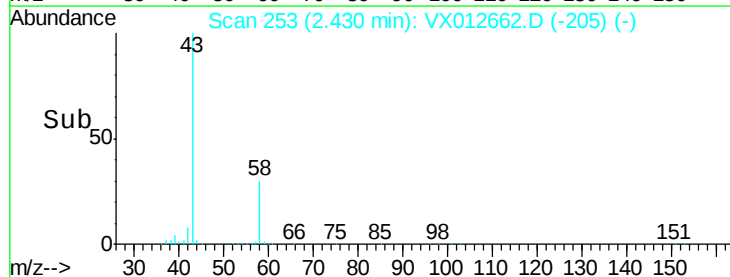
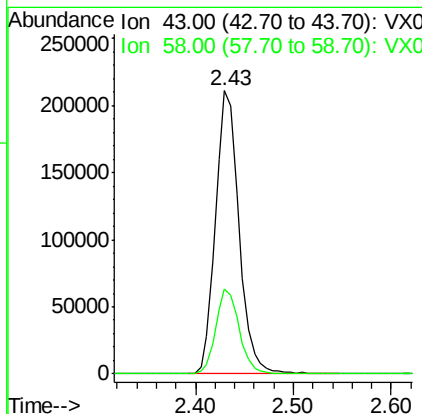
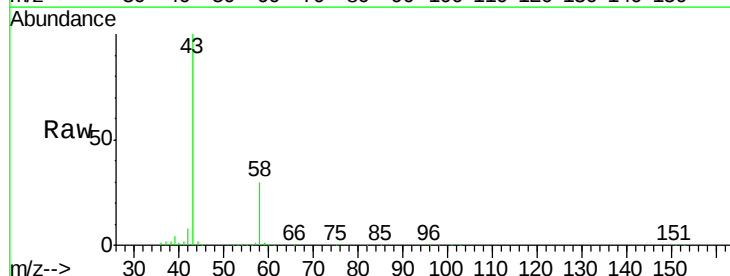
RT: 2.43 min Scan# 253

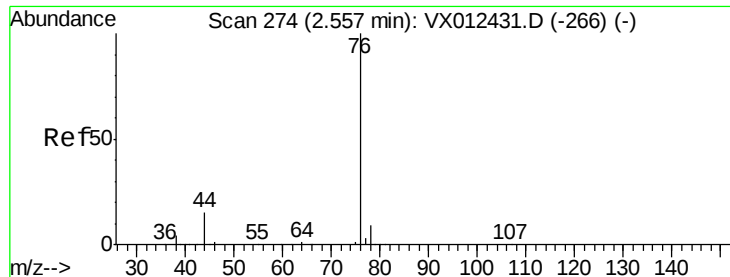
Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion:	43	Resp:	351135
Ion Ratio		Lower	Upper
43	100		
58	29.9	23.3	34.9





#17

Carbon Disulfide

Concen: 42.280 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 260775

Ion Ratio Lower Upper

76 100

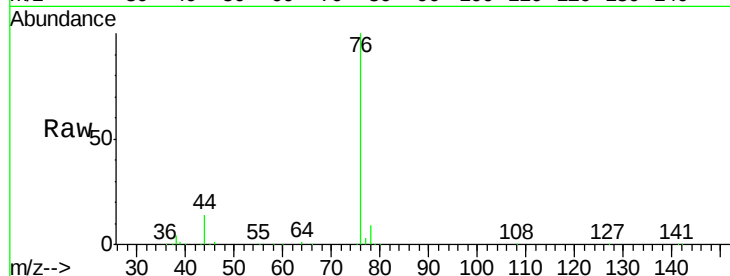
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

100000

50000

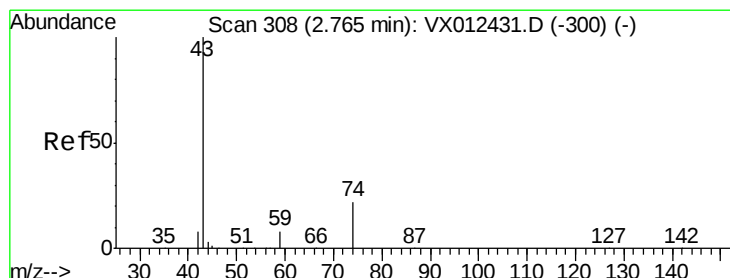
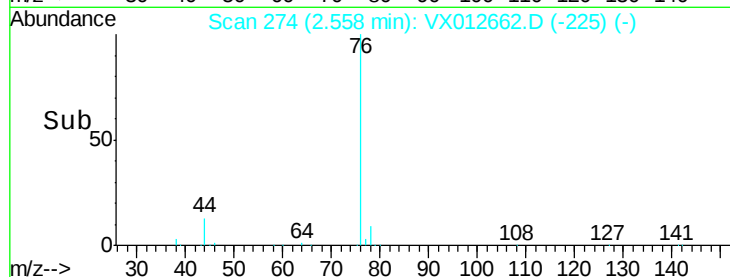
0

2.56

2.50

2.60

Time-->



#18

Methyl Acetate

Concen: 41.897 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012662.D

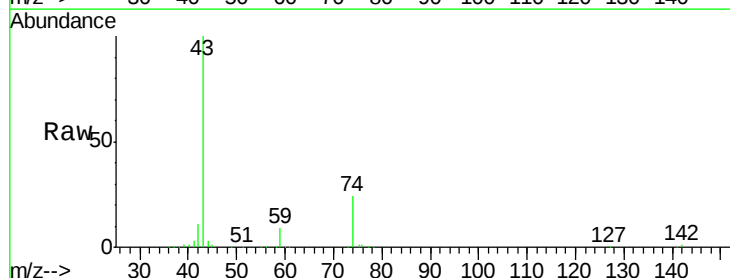
Acq: 25 Sep 2019 17:21

Tgt Ion: 43 Resp: 155704

Ion Ratio Lower Upper

43 100

74 22.9 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

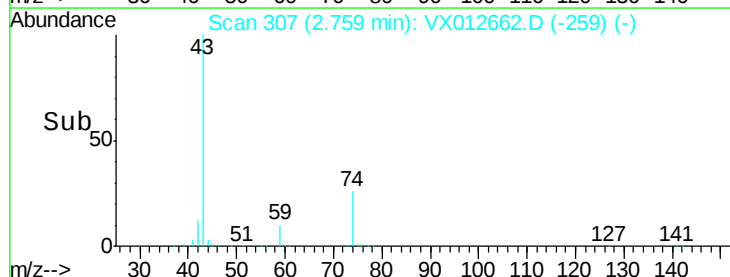
0

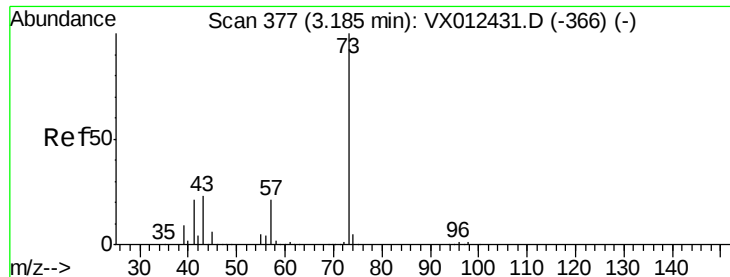
2.76

2.70

2.80

Time-->





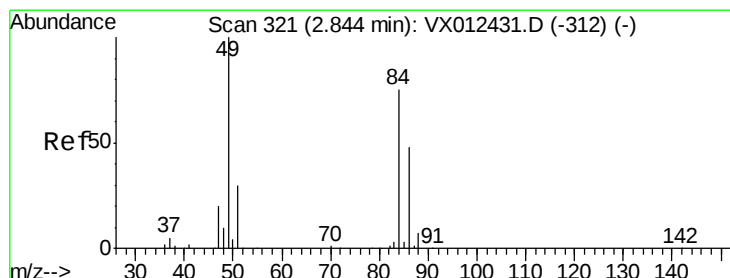
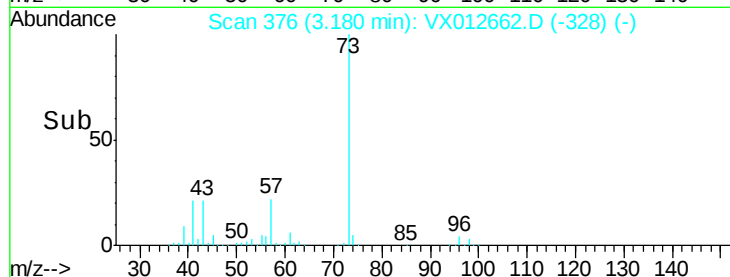
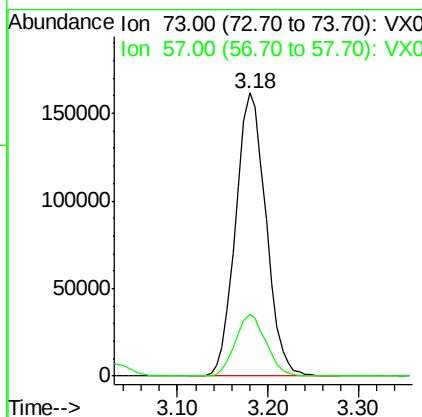
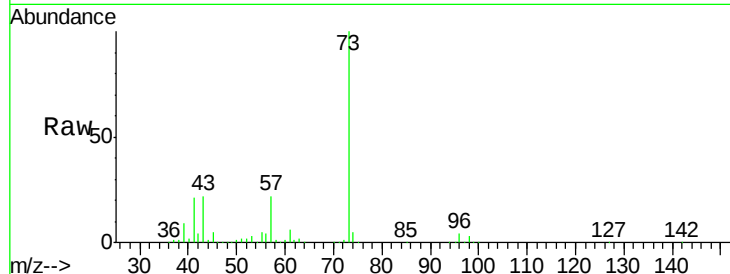
#19
Methyl tert-butyl Ether
Concen: 45.101 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 375578
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

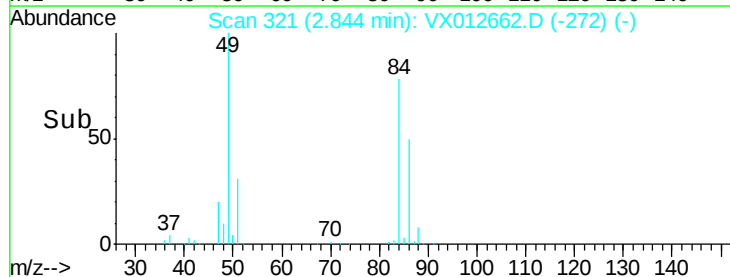
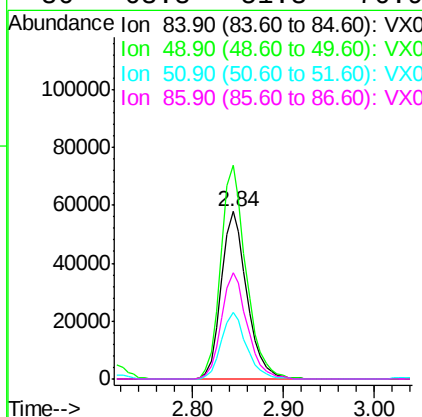
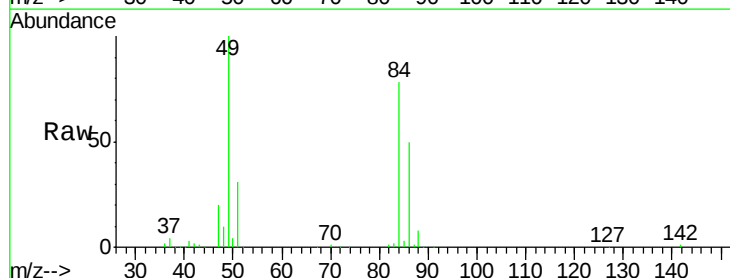
Manual Integrations
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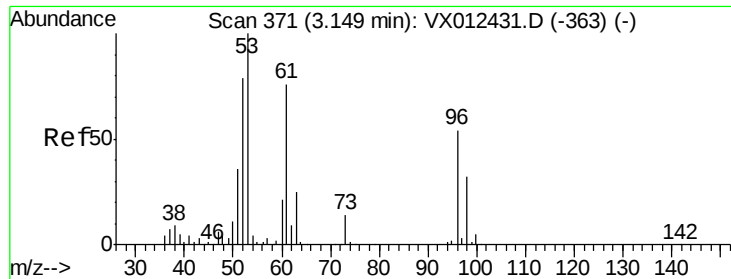
MMDadoda
9/26/2019 9:33:50 AM



#20
Methylene Chloride
Concen: 42.650 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 84 Resp: 113853
Ion Ratio Lower Upper
84 100
49 127.7 106.8 160.2
51 39.6 32.3 48.5
86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 44.159 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

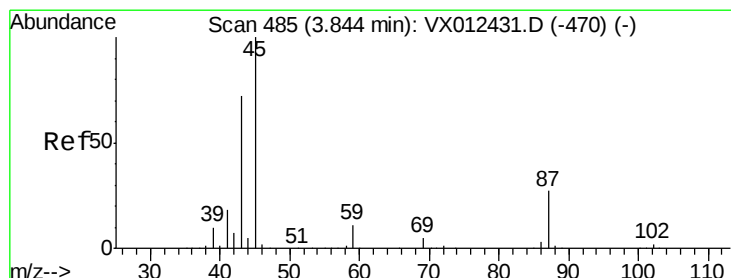
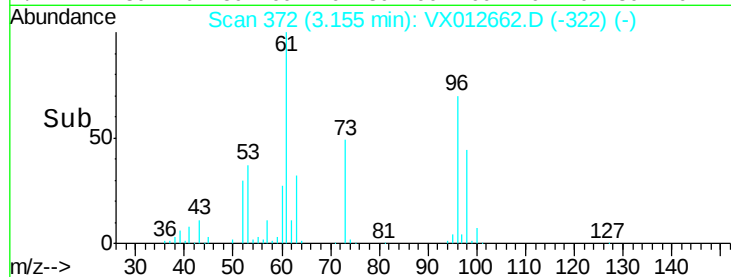
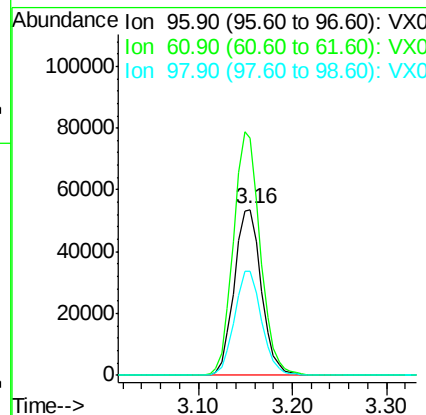
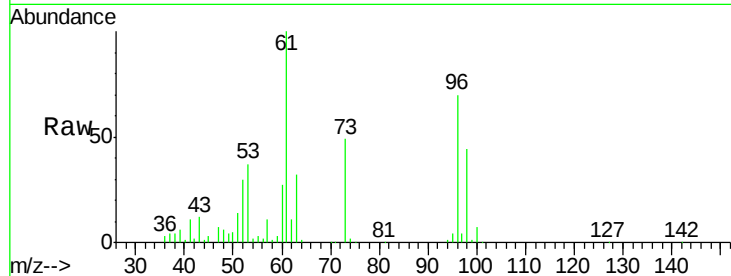
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	107631
Ion	Ratio	Lower	Upper
96	100		
61	142.9	112.0	168.0
98	62.7	47.8	71.8

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#22

Diisopropyl ether

Concen: 44.692 ug/l

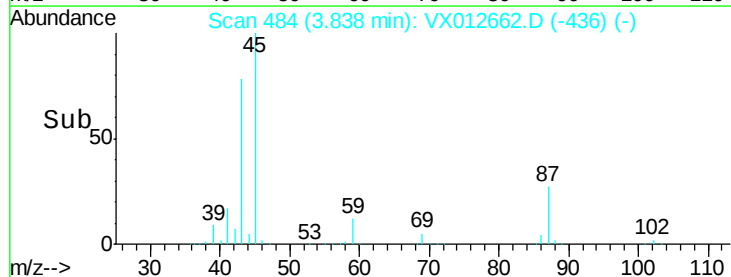
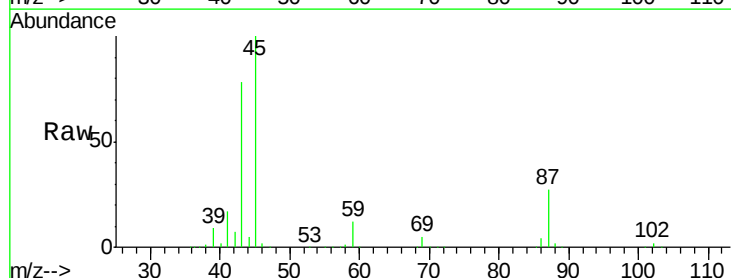
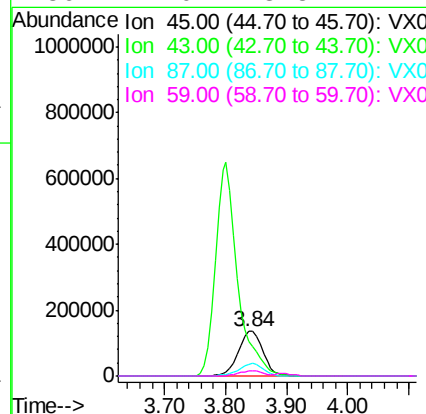
RT: 3.84 min Scan# 484

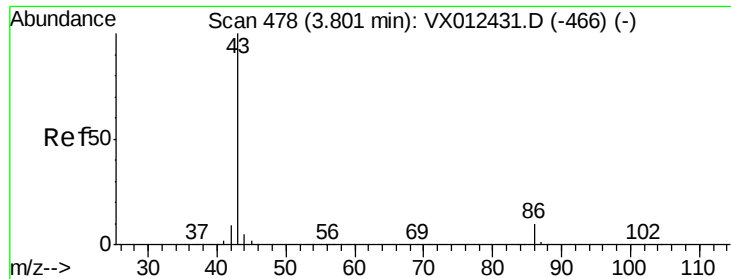
Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion:	45	Resp:	376944
Ion	Ratio	Lower	Upper
45	100		
43	78.0	57.8	86.8
87	27.2	21.3	31.9
59	12.0	8.5	12.7





#23

Vinyl Acetate

Concen: 223.930 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1656289

Ion Ratio Lower Upper

43 100

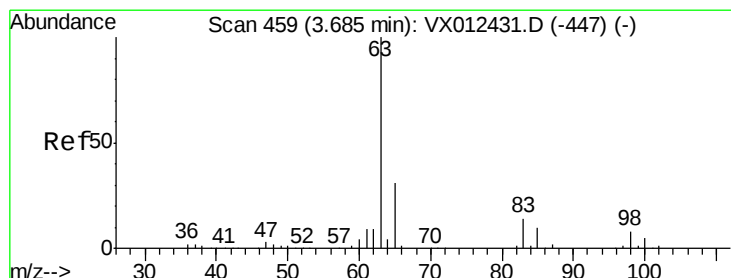
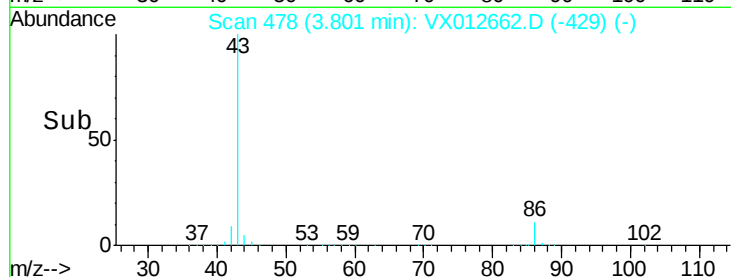
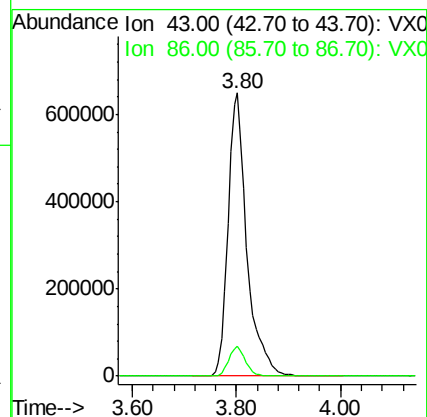
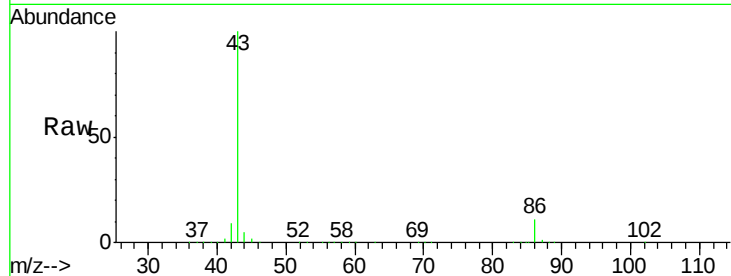
86 10.7 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.611 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

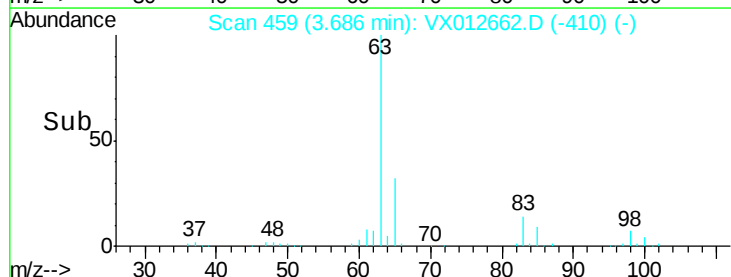
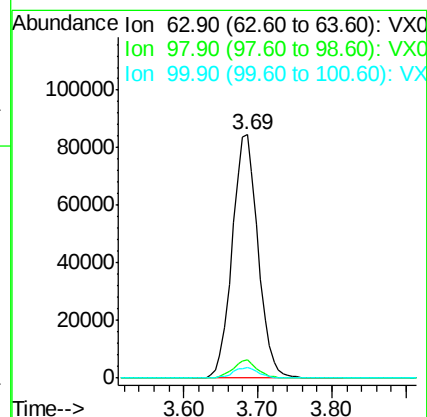
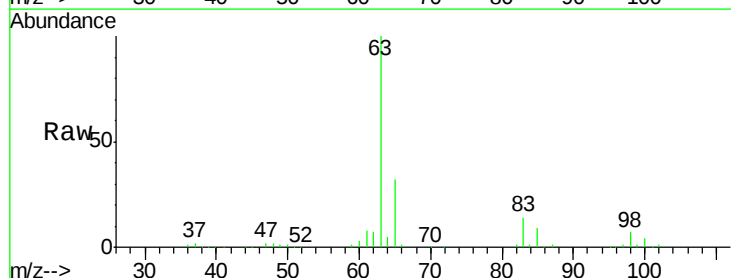
Tgt Ion: 63 Resp: 204527

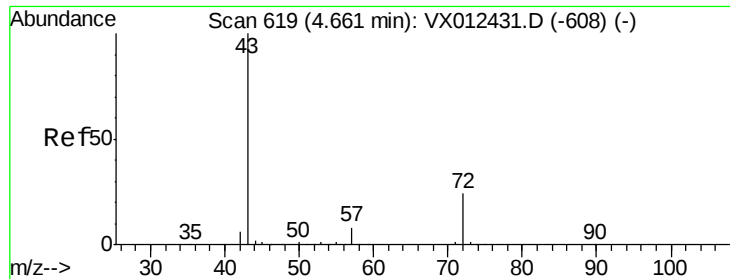
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 214.855 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 486228

Ion Ratio Lower Upper

43 100

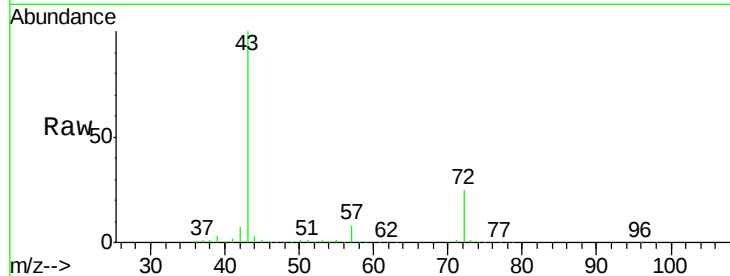
72 25.3 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

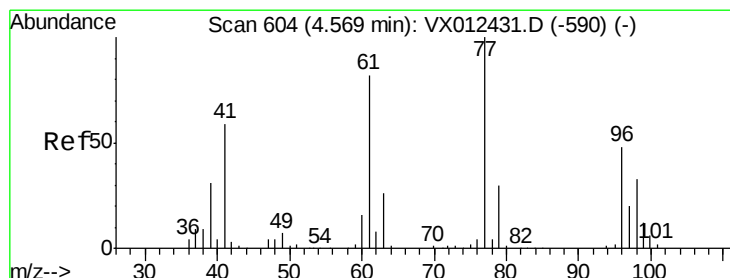
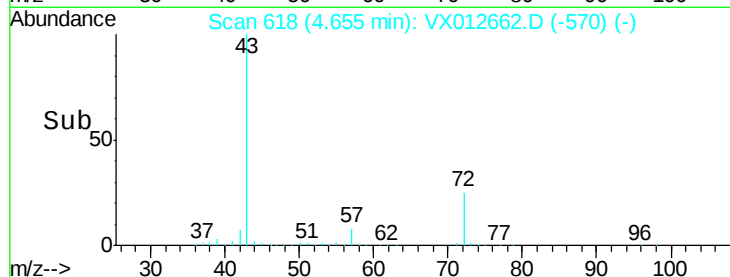
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.146 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012662.D

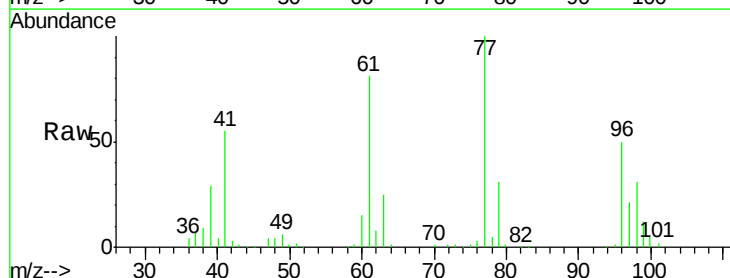
Acq: 25 Sep 2019 17:21

Tgt Ion: 77 Resp: 184085

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

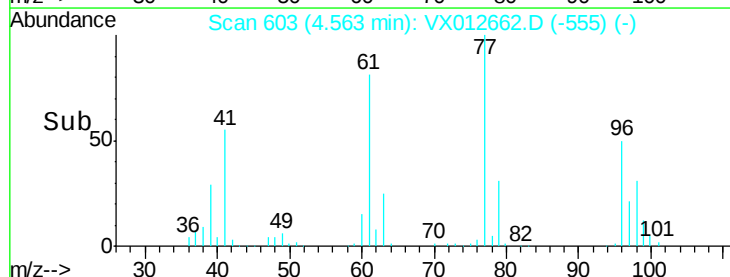
40000

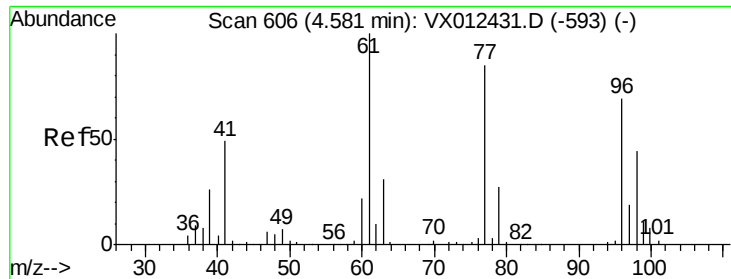
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

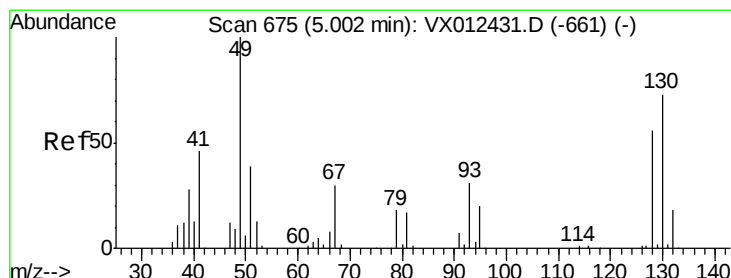
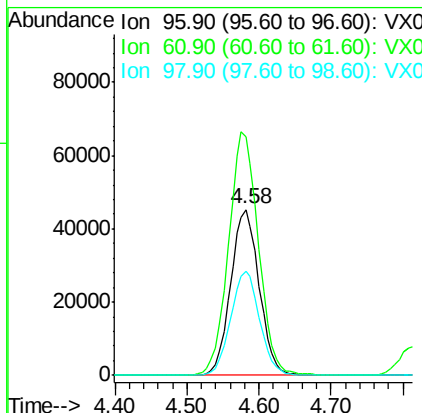
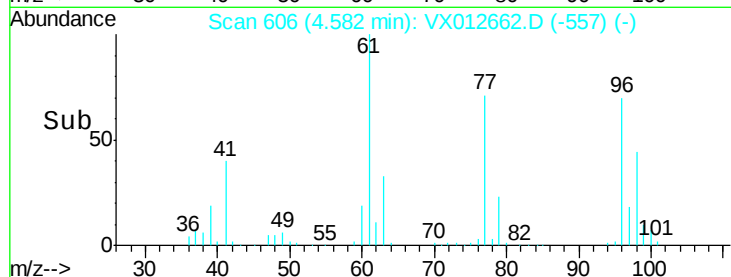
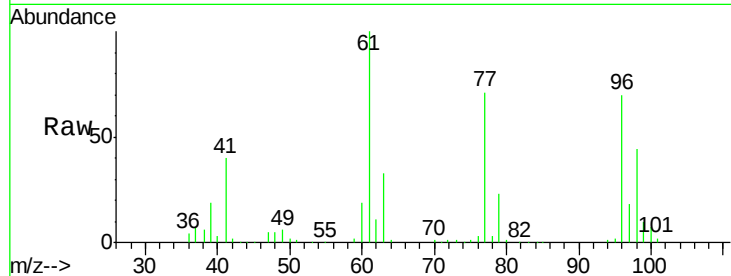
cis-1,2-Dichloroethene
Concen: 44.023 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124502		
61	153.6	0.0	319.4	
98	63.6	0.0	130.6	

Manual Integrations
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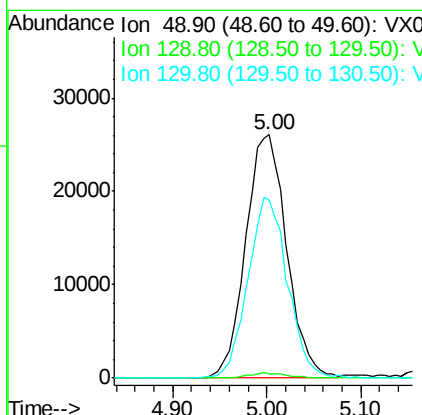
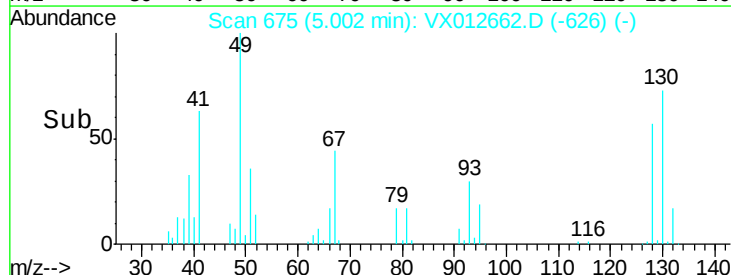
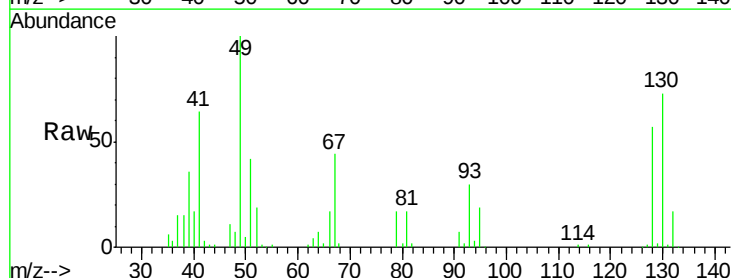
MMDadoda
9/26/2019 9:33:50 AM

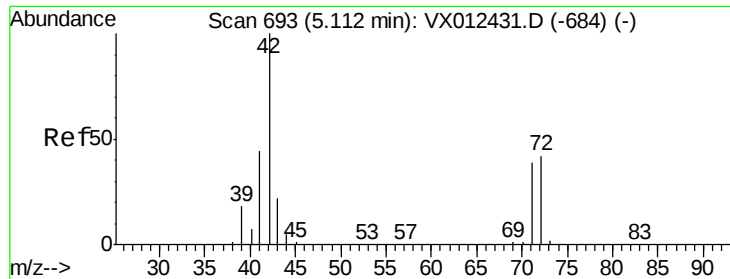


#28

Bromochloromethane
Concen: 47.807 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79583		
129	1.9	0.0	3.8	
130	71.7	58.2	87.4	





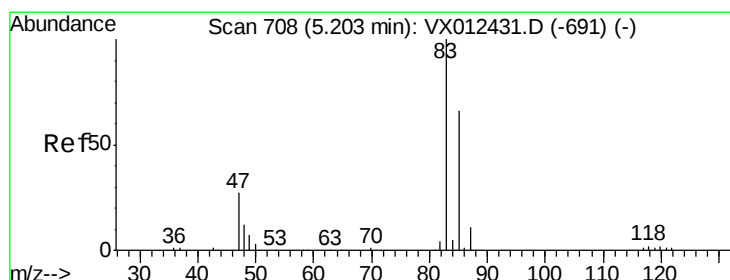
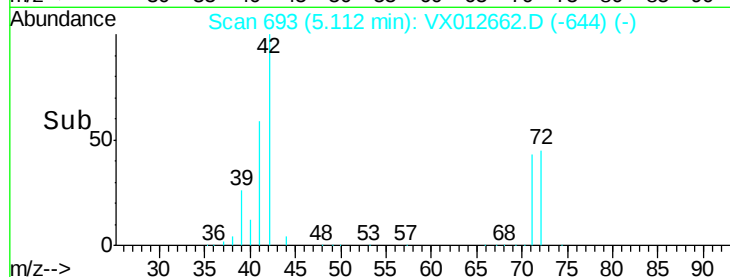
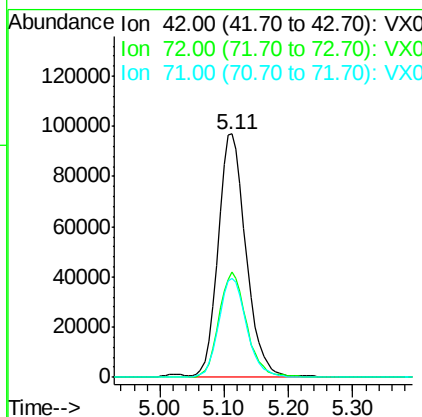
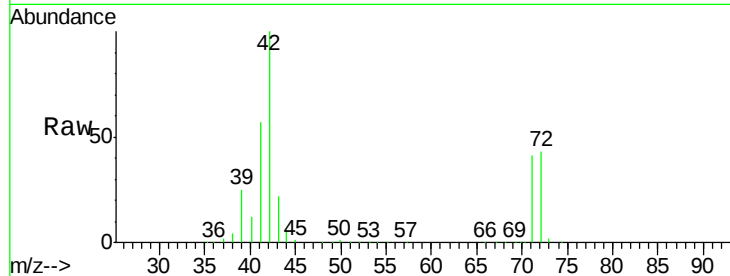
#29
Tetrahydrofuran
Concen: 213.618 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.0	51.0
71	40.7	31.5	47.3

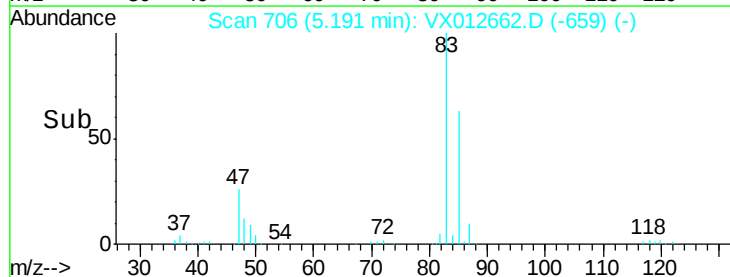
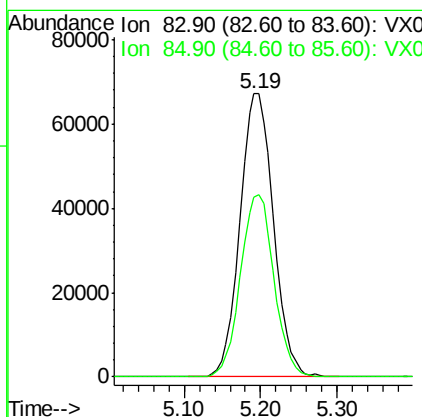
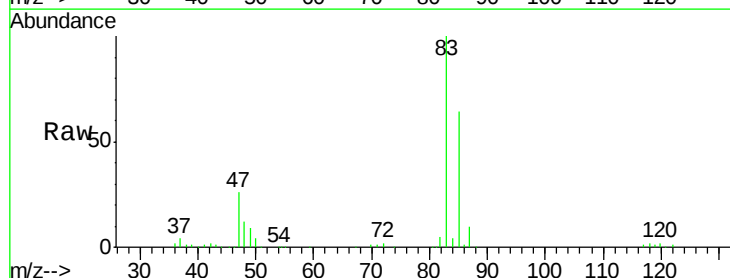
Manual Integrations
APPROVED

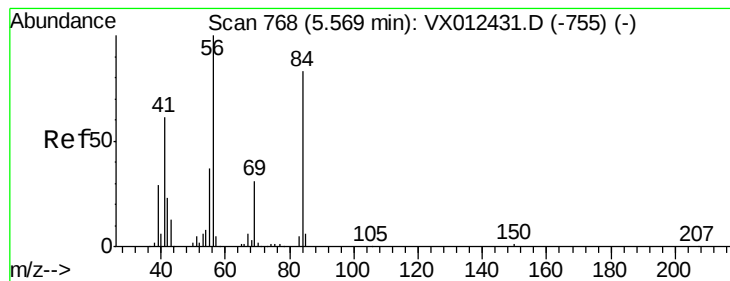
MMDadoda
9/26/2019 9:33:50 AM



#30
Chloroform
Concen: 43.651 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.0	79.4





#31

Cyclohexane

Concen: 45.993 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

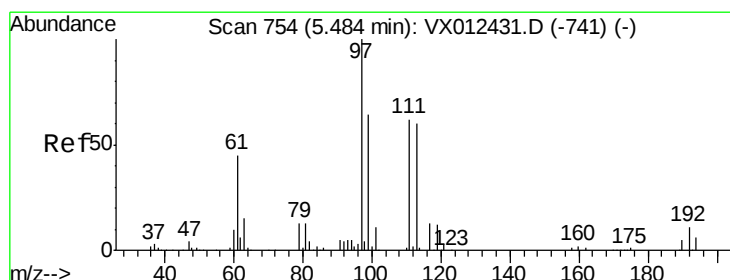
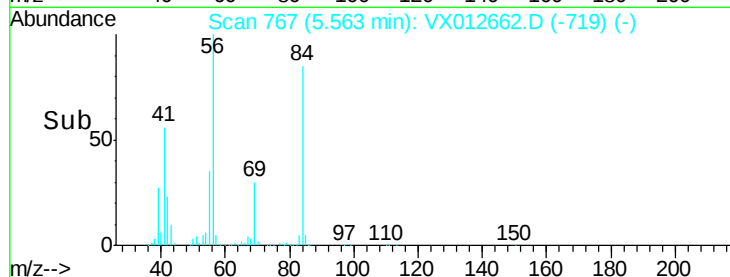
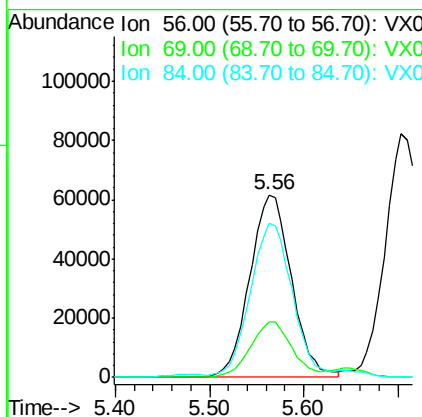
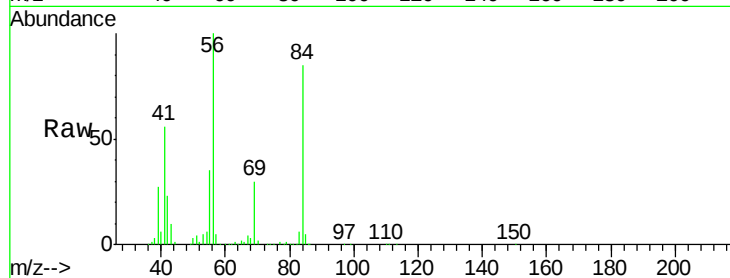
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.0	37.6
84	83.1	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 44.612 ug/l

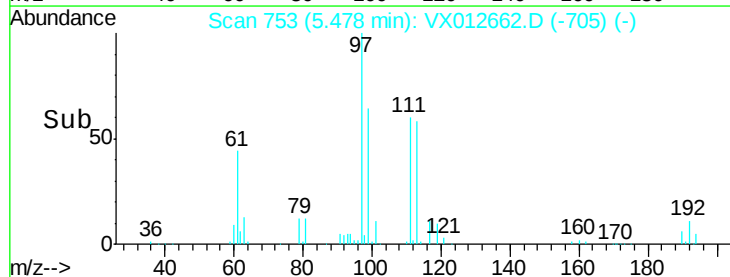
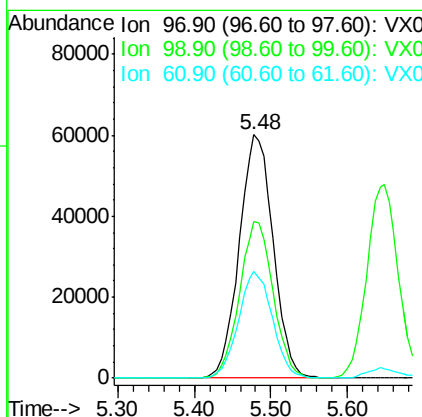
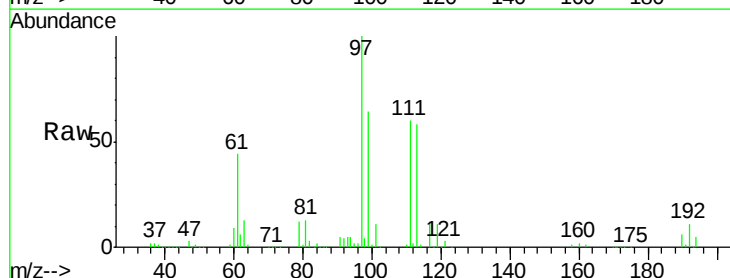
RT: 5.48 min Scan# 753

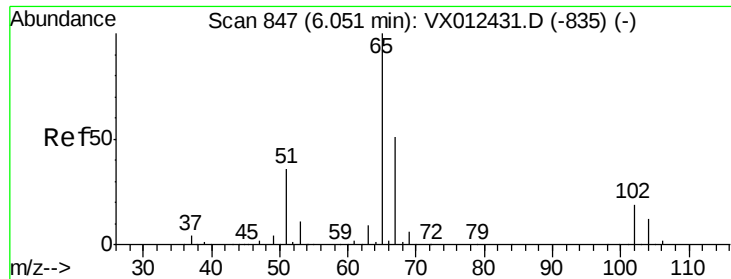
Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	43.9	36.1	54.1





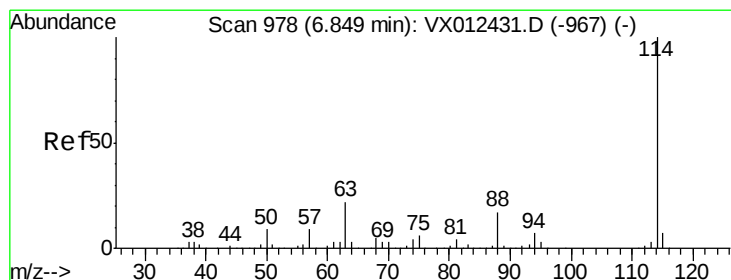
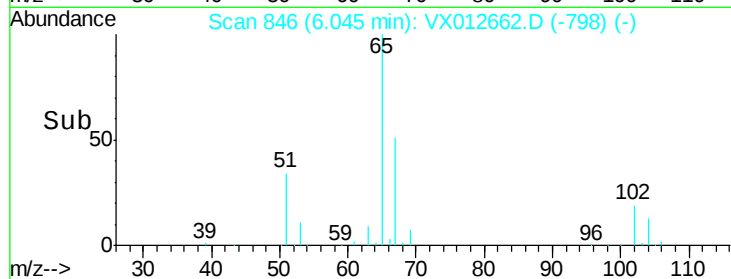
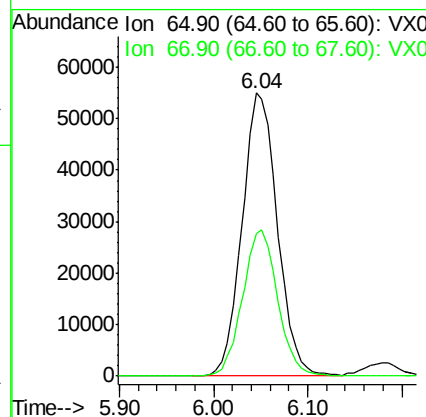
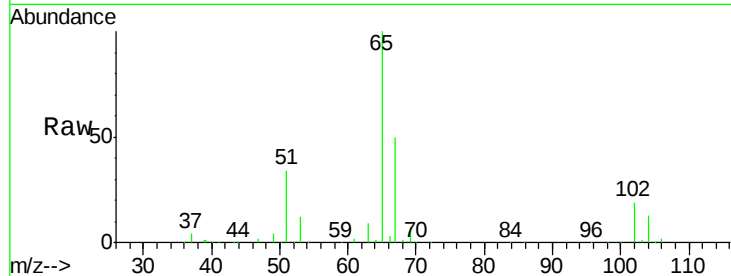
#33
 1,2-Dichloroethane-d4
 Concen: 48.295 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.2

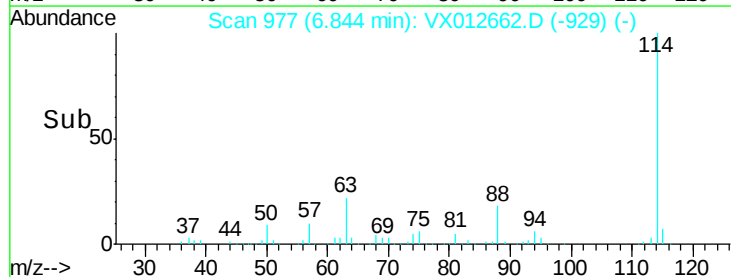
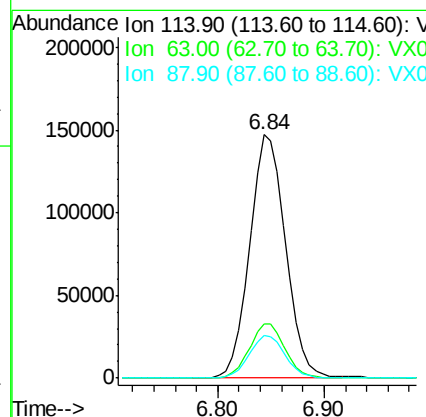
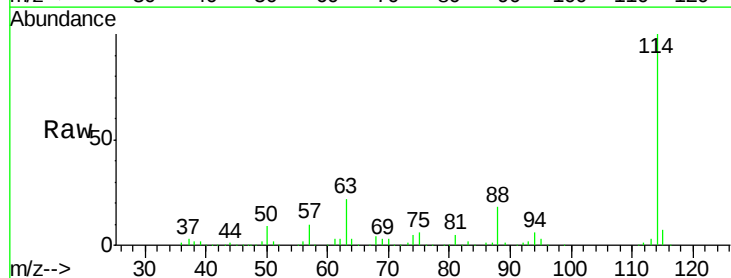
Manual Integrations
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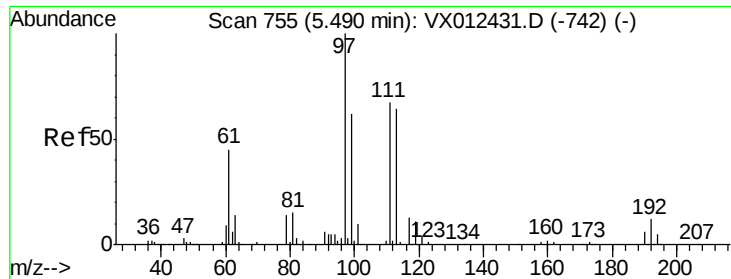
MMDadoda
 9/26/2019 9:33:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	17.5	0.0	33.2





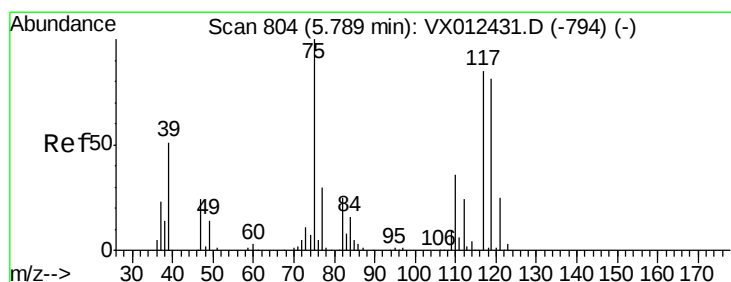
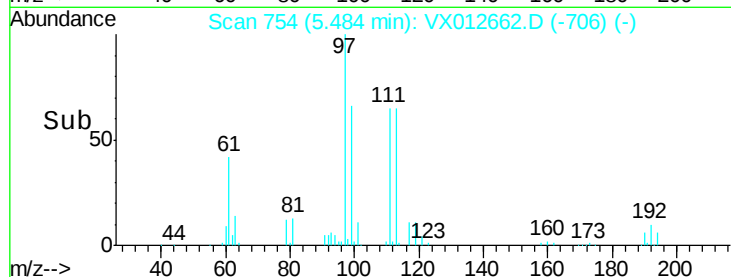
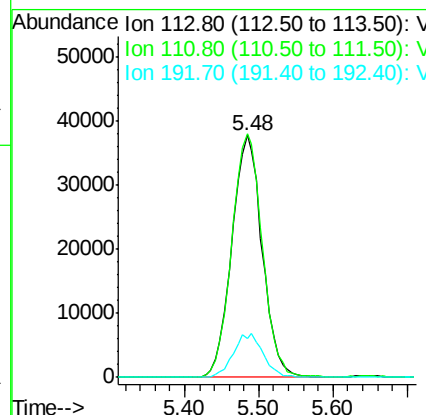
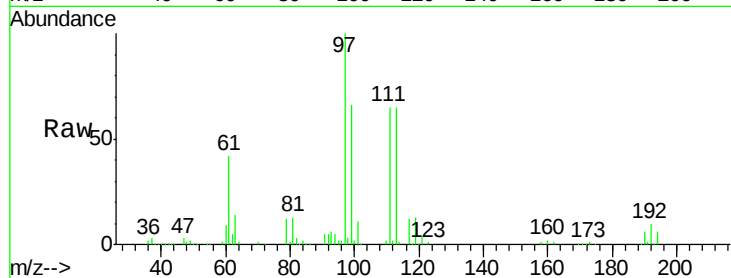
#35
 Dibromofluoromethane
 Concen: 51.845 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107517		
111	101.6	83.4	125.2	
192	17.8	14.4	21.6	

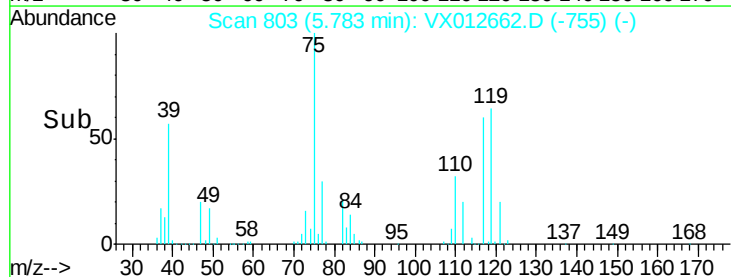
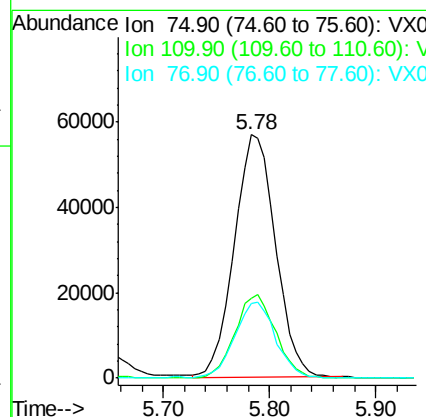
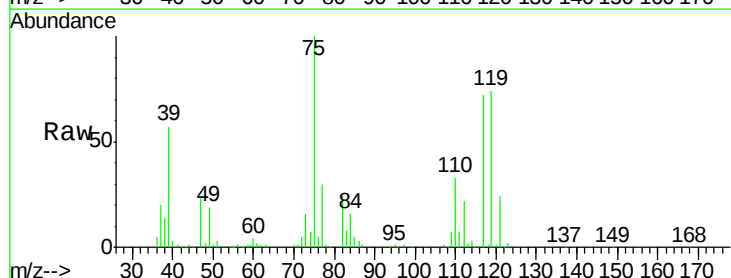
Manual Integrations
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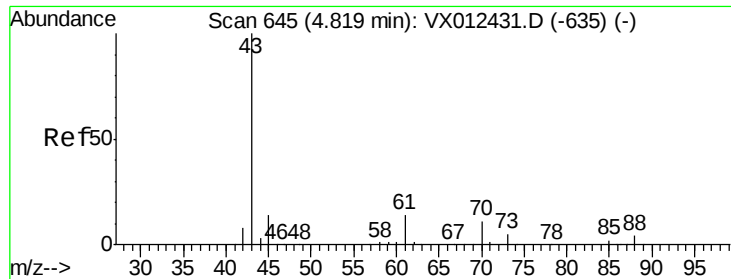
MMDadoda
 9/26/2019 9:33:50 AM



#36
 1,1-Dichloropropene
 Concen: 45.935 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154182		
110	34.0	16.7	50.0	
77	31.3	24.2	36.2	





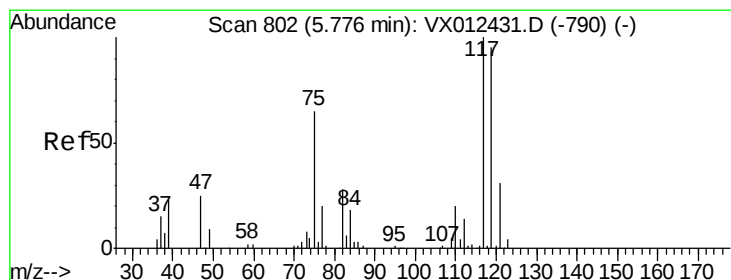
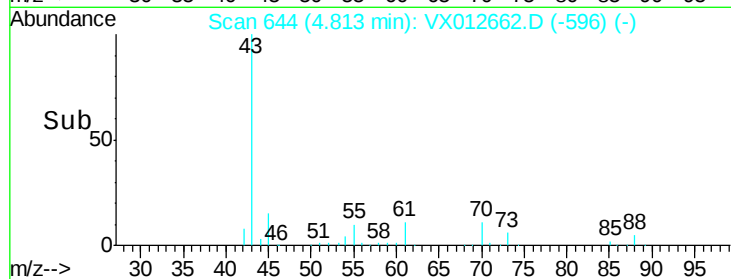
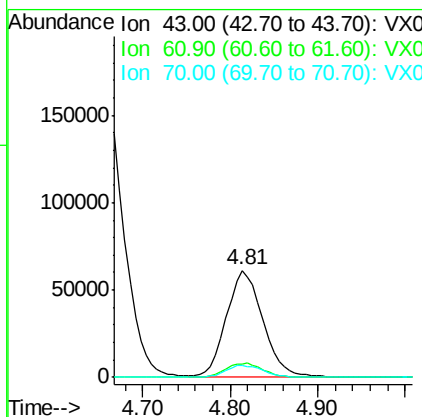
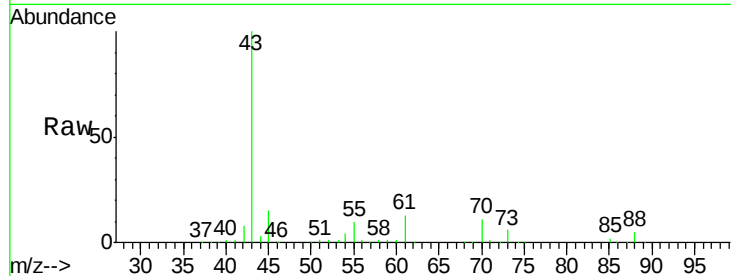
#37
Ethyl Acetate
Concen: 45.087 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.4
70	11.2	8.7	13.1

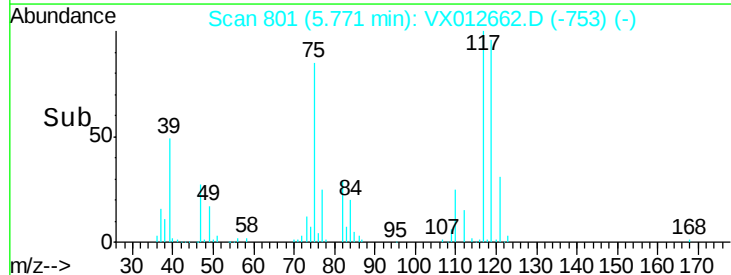
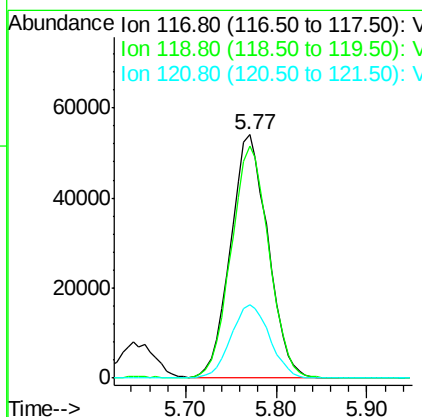
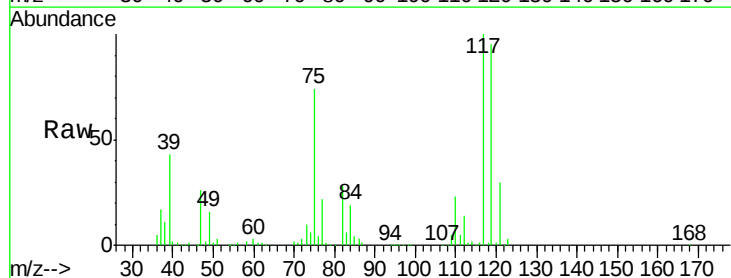
Manual Integrations
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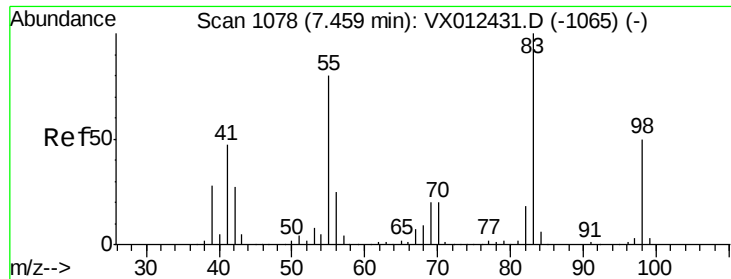
MMDadoda
9/26/2019 9:33:50 AM



#38
Carbon Tetrachloride
Concen: 45.350 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.7	113.5
121	30.3	24.2	36.4





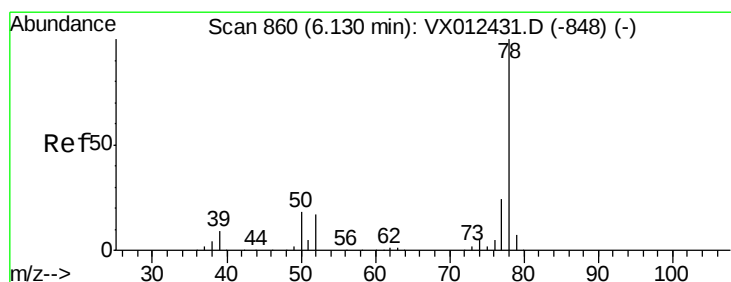
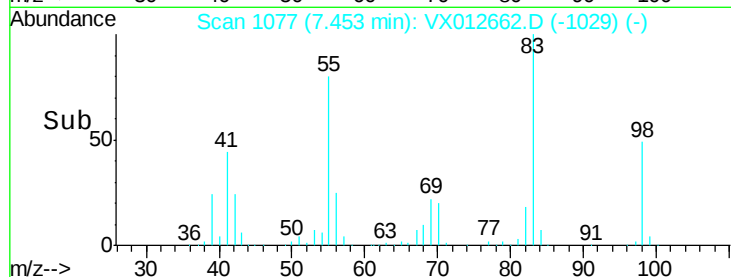
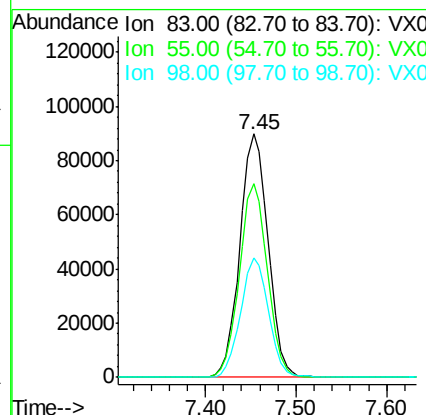
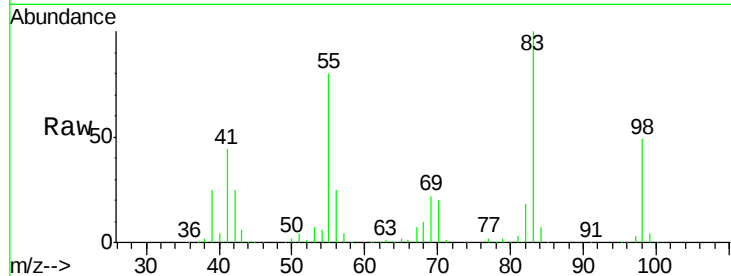
#39
Methvlcvclohexane
Concen: 47.979 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	193871		
55	79.7	64.4	96.6	
98	49.0	40.1	60.1	

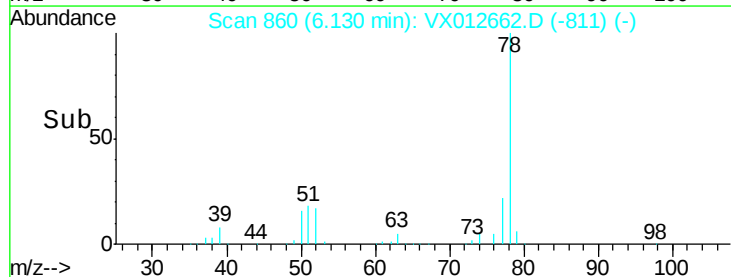
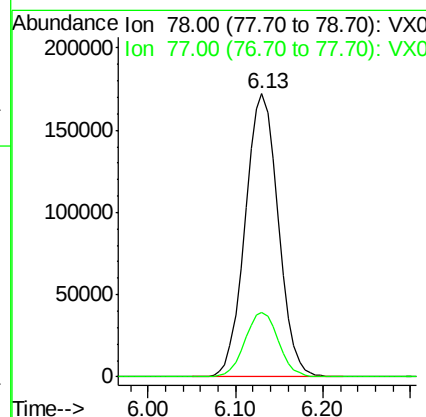
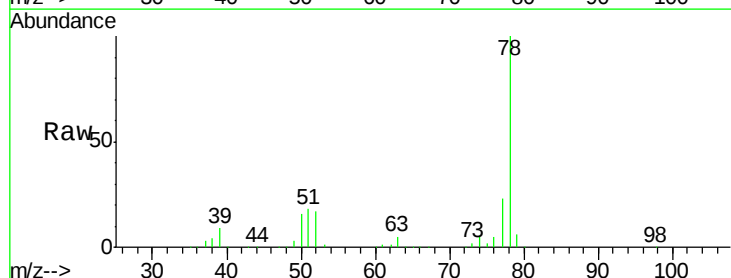
Manual Integrations
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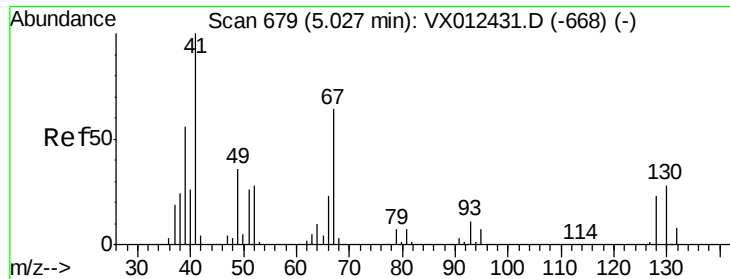
MMDadoda
9/26/2019 9:33:50 AM



#40
Benzene
Concen: 45.847 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	452772		
77	23.0	19.2	28.8	





#41

Methacrylonitrile

Concen: 45.111 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

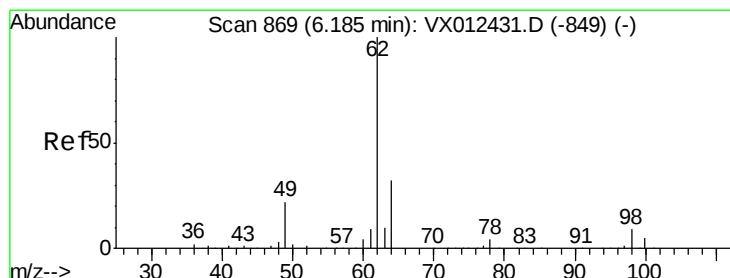
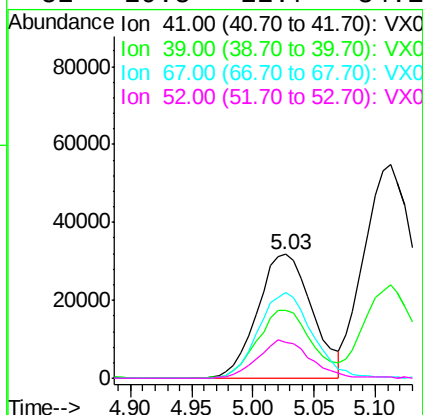
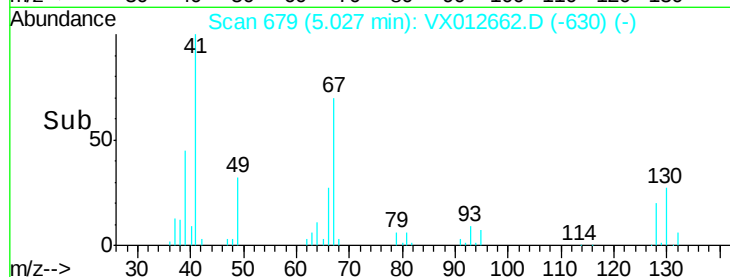
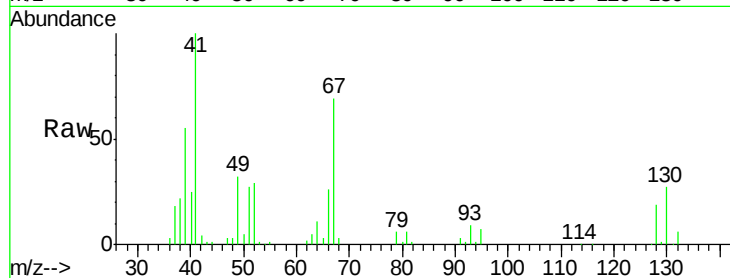
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	46.0	69.0	
67	67.8	52.2	78.2	
52	29.8	22.7	34.1	

Manual Integrations
APPROVED

MMDadoda
9/26/2019 9:33:50 AM



#42

1,2-Dichloroethane

Concen: 45.877 ug/l

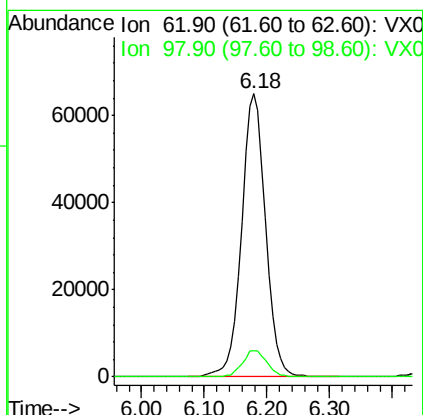
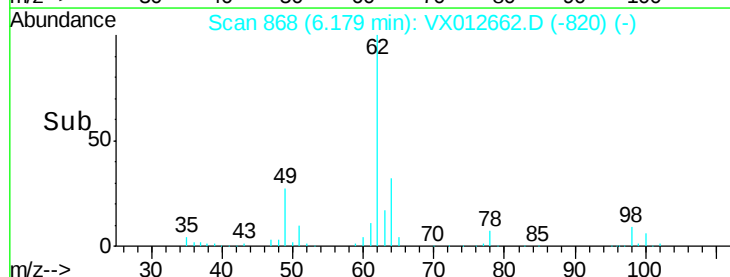
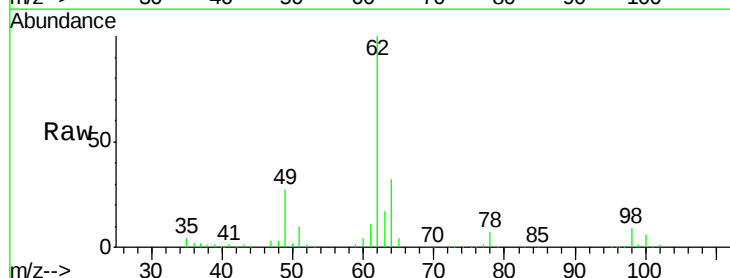
RT: 6.18 min Scan# 868

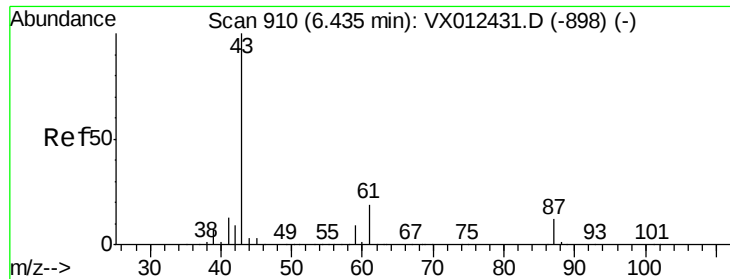
Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	17.8	





#43

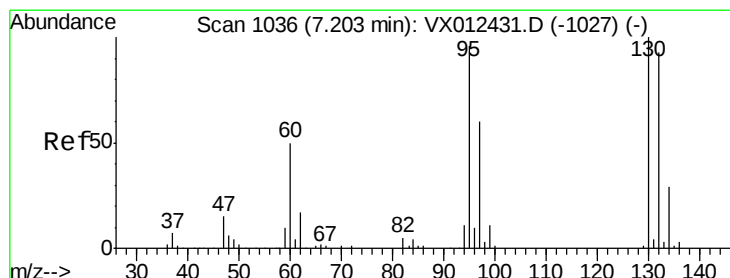
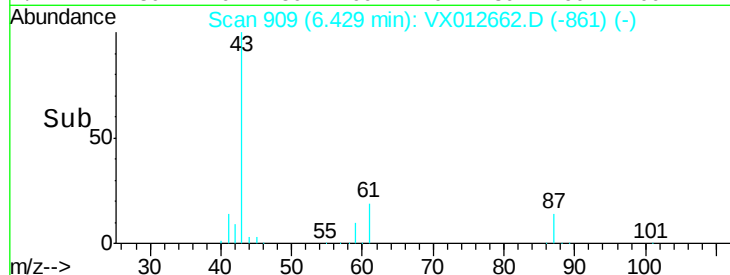
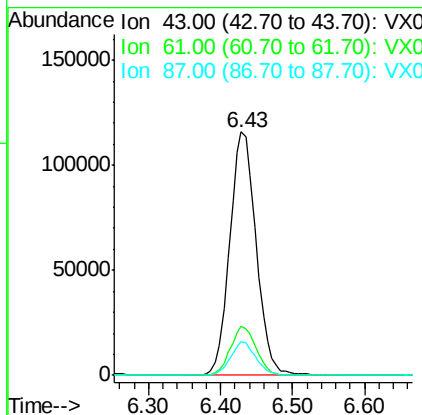
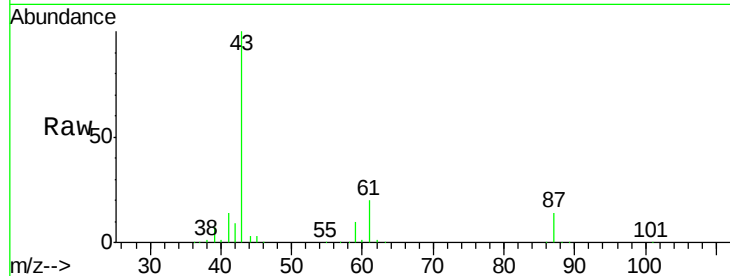
Isopropyl Acetate
 Concen: 44.934 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.2	9.8	14.8

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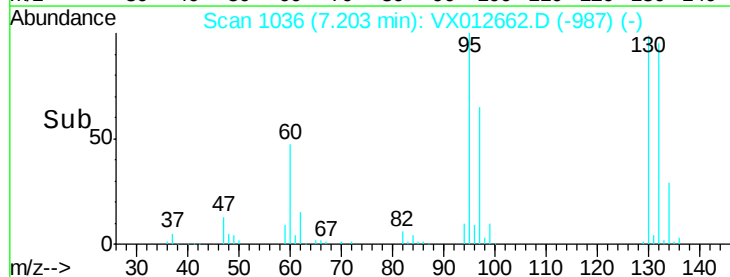
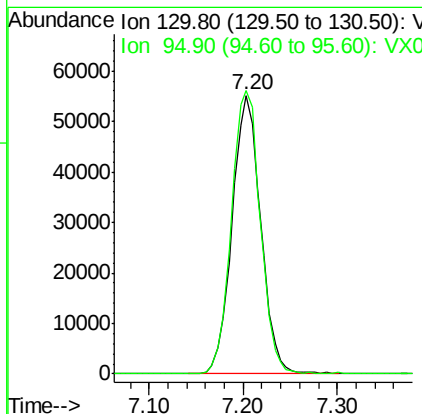
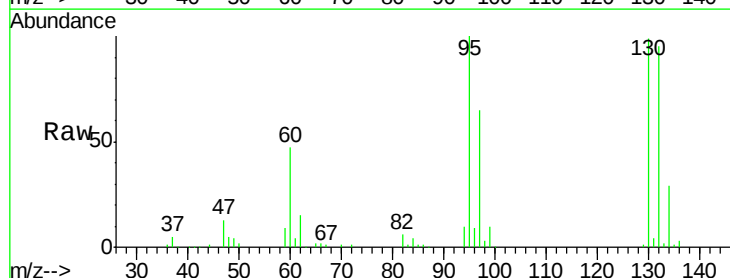
MMDadoda
 9/26/2019 9:33:50 AM

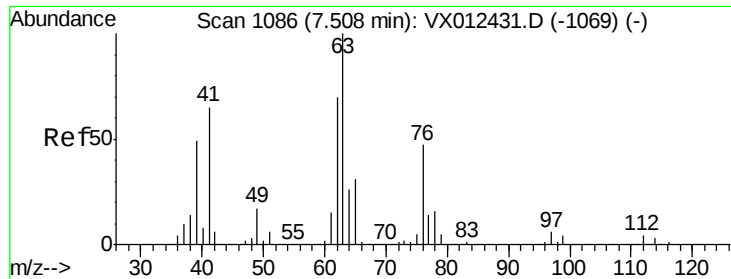


#44

Trichloroethene
 Concen: 45.912 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	193.0





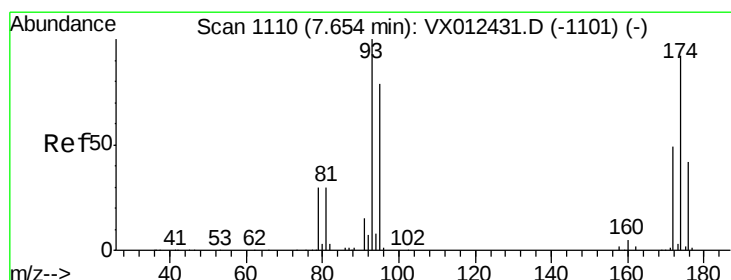
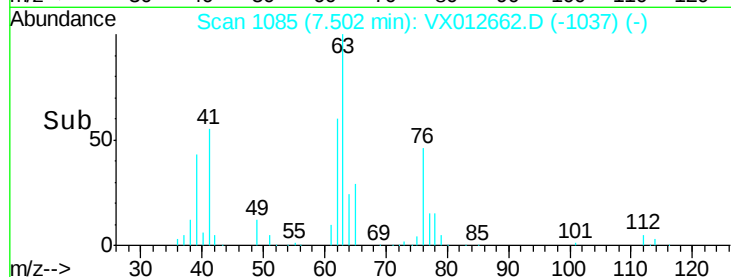
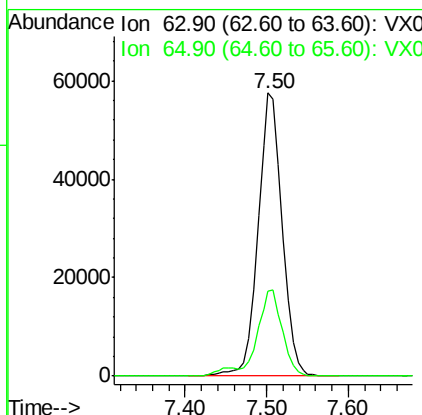
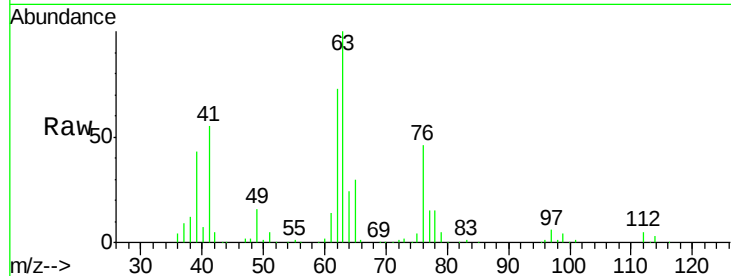
#45
 1,2-Dichloropropane
 Concen: 47.090 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119065
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6

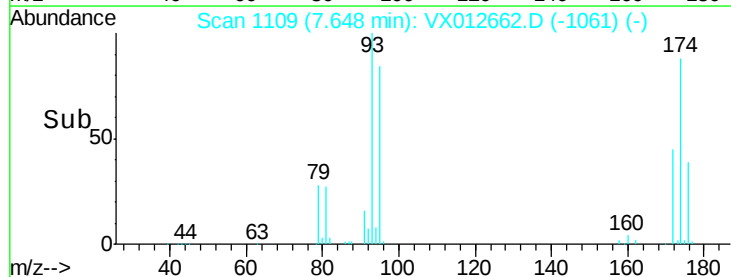
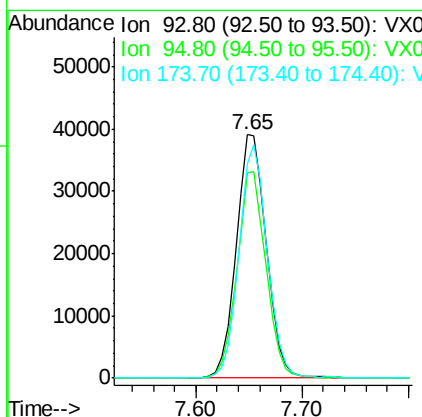
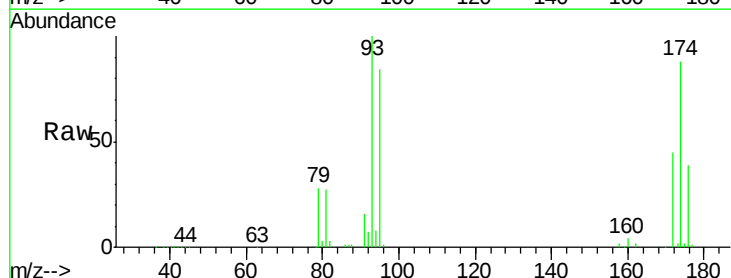
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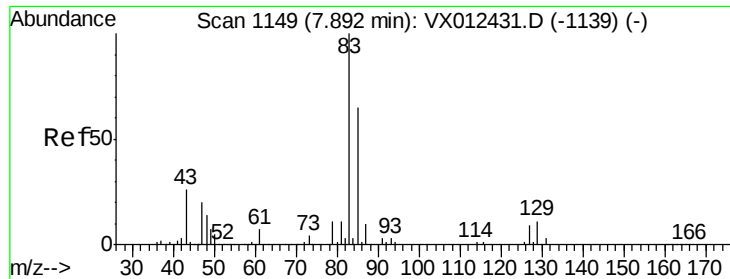
MMDadoda
 9/26/2019 9:33:50 AM



#46
 Dibromomethane
 Concen: 45.222 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion: 93 Resp: 77850
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.6 100.0
 174 90.1 77.4 116.0





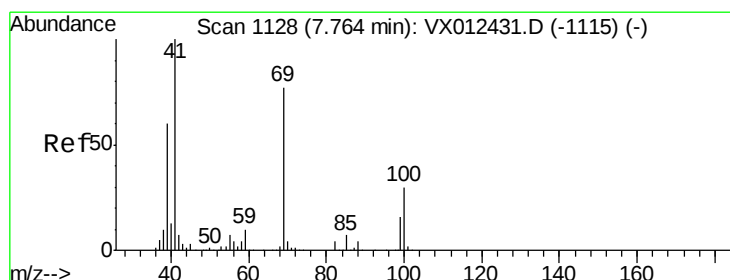
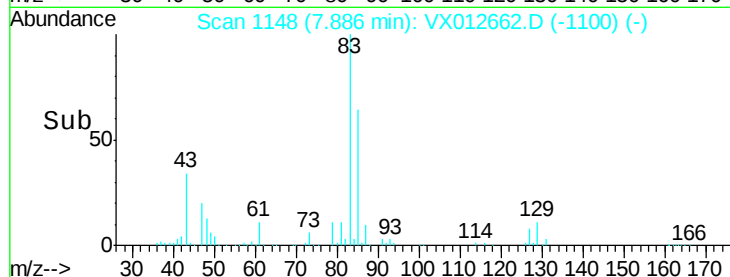
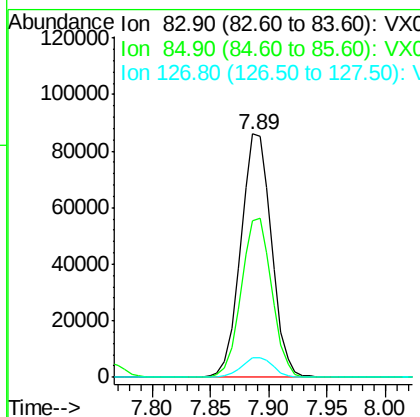
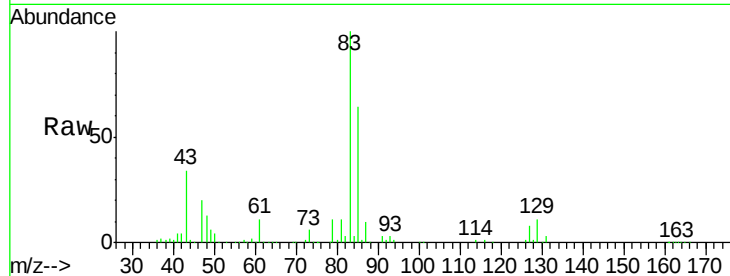
#47
Bromodichloromethane
Concen: 46.150 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	158783
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	51.8	77.6
127	8.0	7.3	10.9

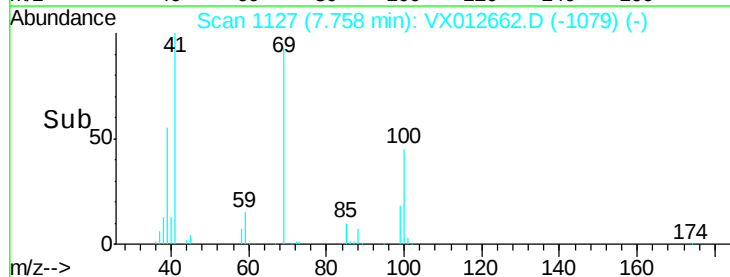
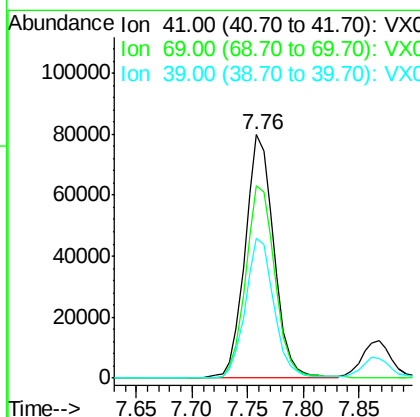
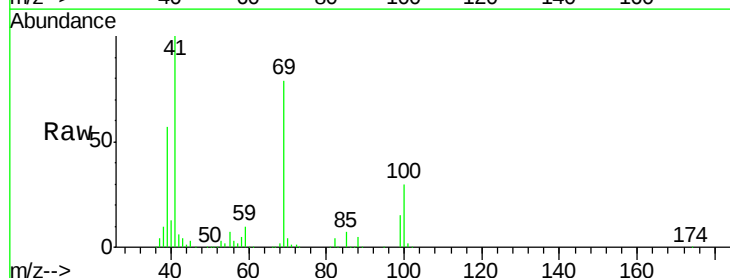
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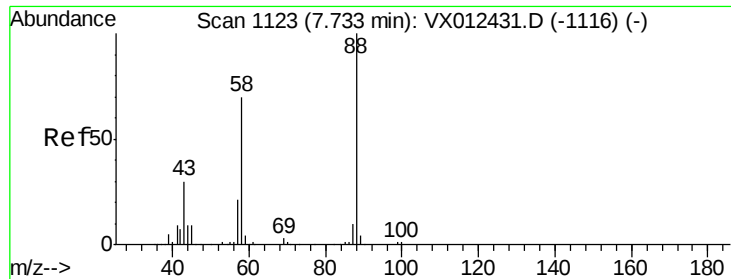
MMDadoda
9/26/2019 9:33:50 AM



#48
Methyl methacrylate
Concen: 45.781 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	41	Resp	144054
Ion Ratio	100	Lower	Upper
41	100		
69	80.7	59.9	89.9
39	56.9	47.8	71.6





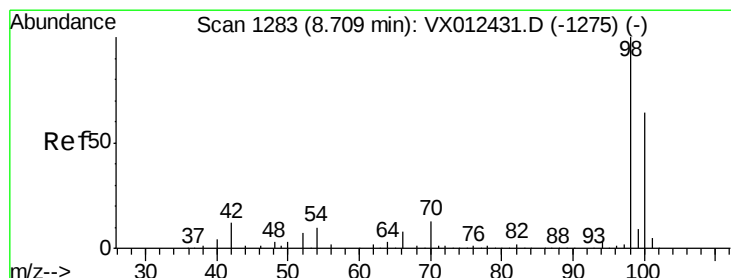
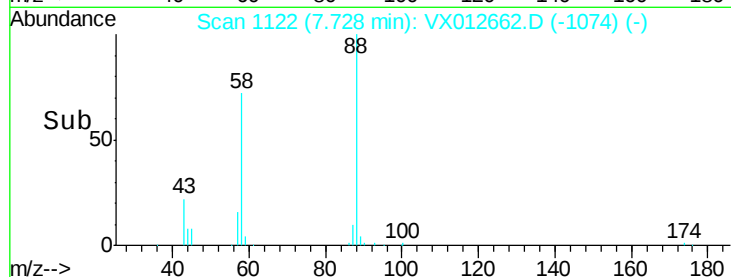
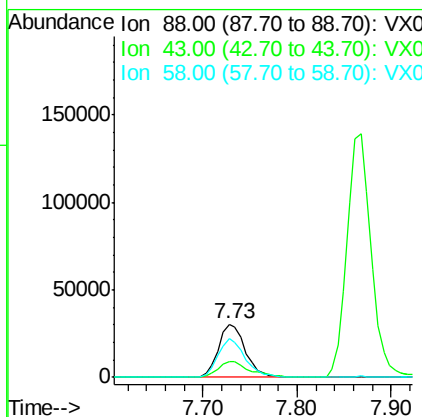
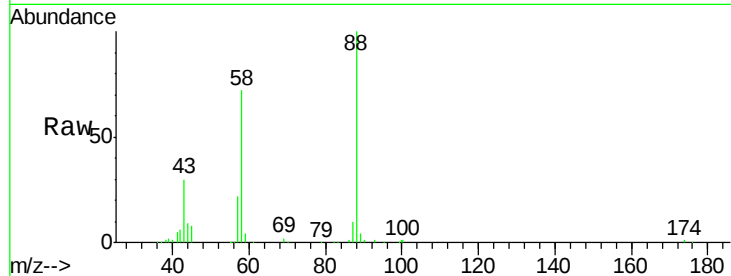
#49
1,4-Dioxane
Concen: 846.750 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.4	44.0
58	72.8	57.5	86.3

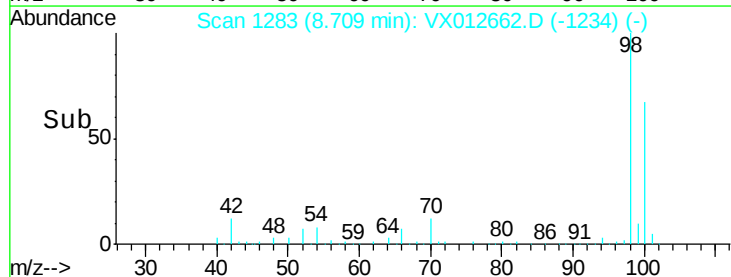
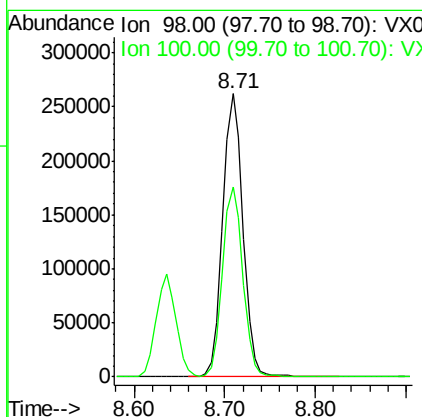
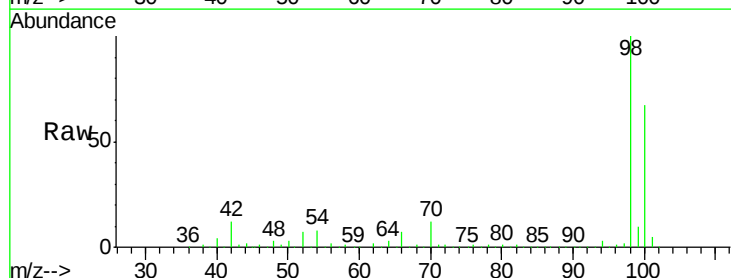
Manual Integrations
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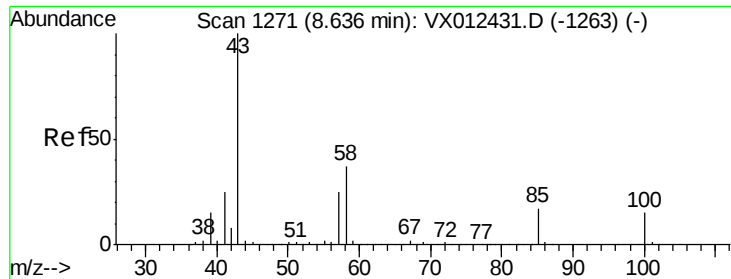
MMDadoda
9/26/2019 9:33:50 AM



#50
Toluene-d8
Concen: 51.291 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 221.940 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 899036

Ion Ratio Lower Upper

43 100

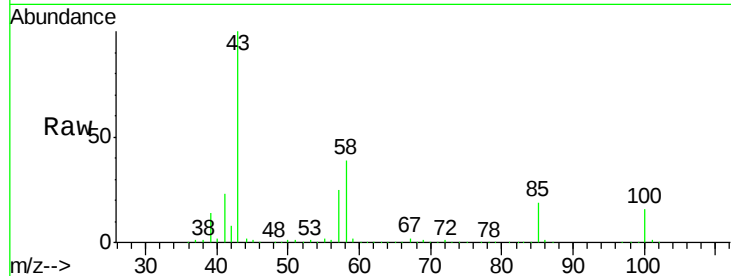
58 39.3 29.8 44.6

Manual Integrations

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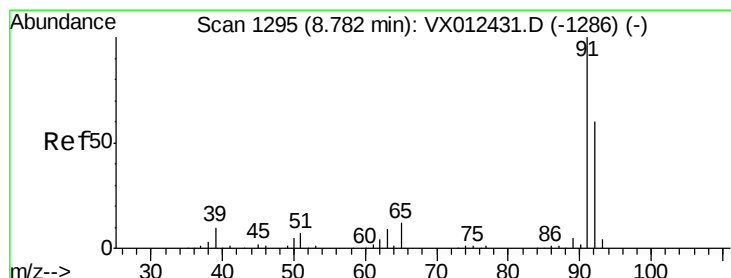
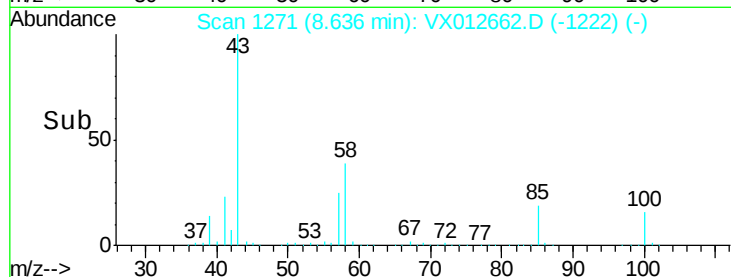
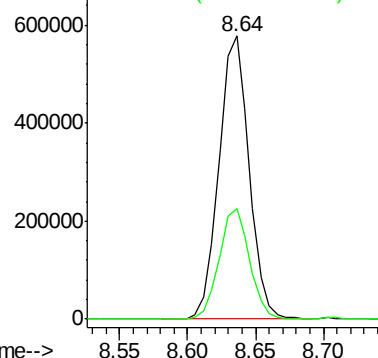
MMDadoda

9/26/2019 9:33:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.048 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012662.D

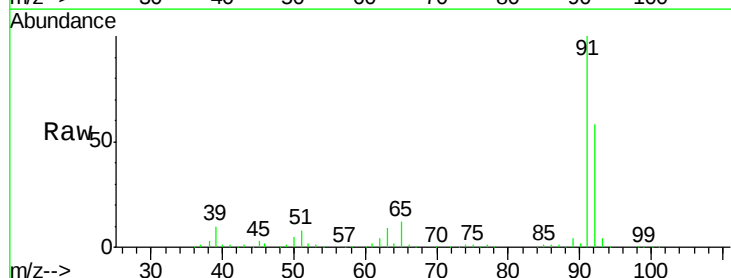
Acq: 25 Sep 2019 17:21

Tgt Ion: 92 Resp: 285821

Ion Ratio Lower Upper

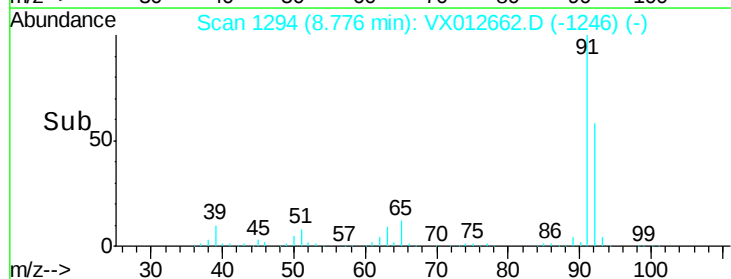
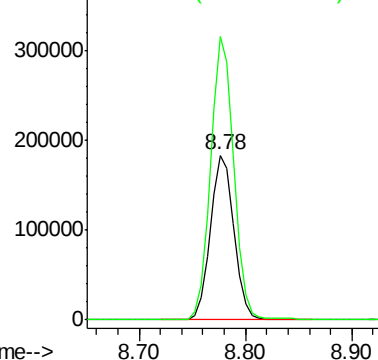
92 100

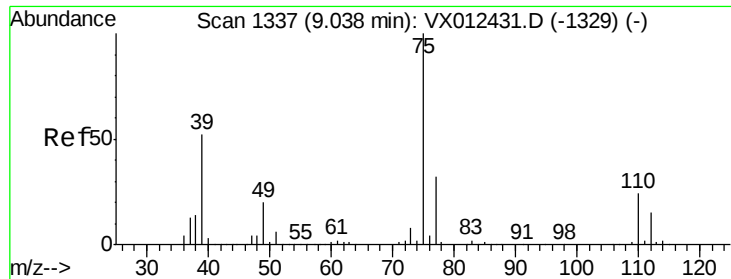
91 169.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





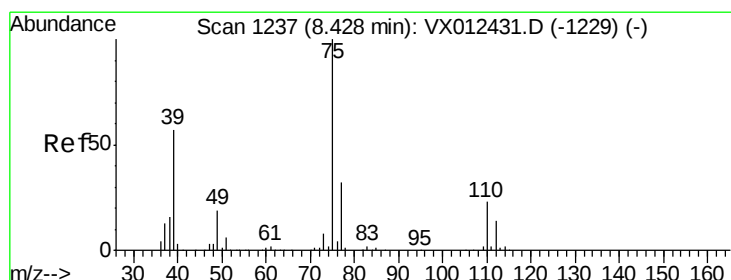
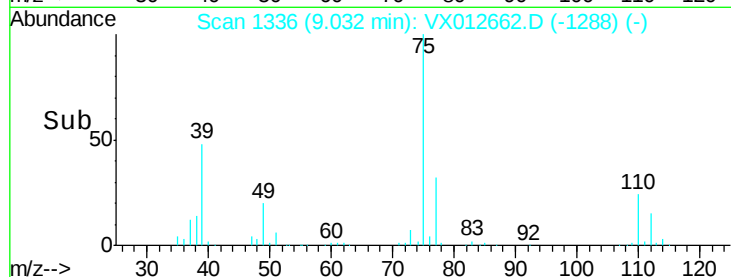
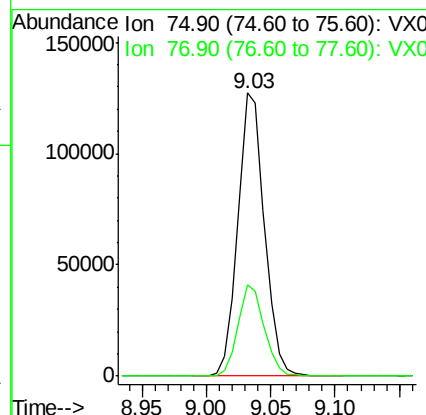
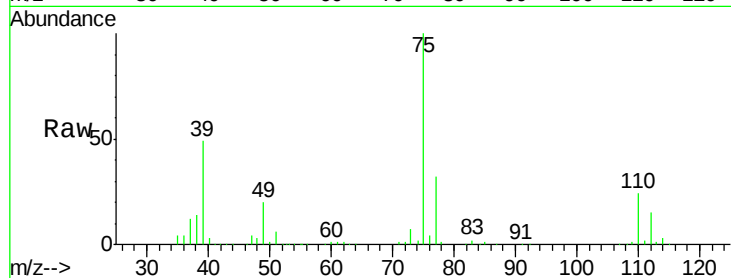
#53
 t-1,3-Dichloropropene
 Concen: 48.067 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.2	37.8

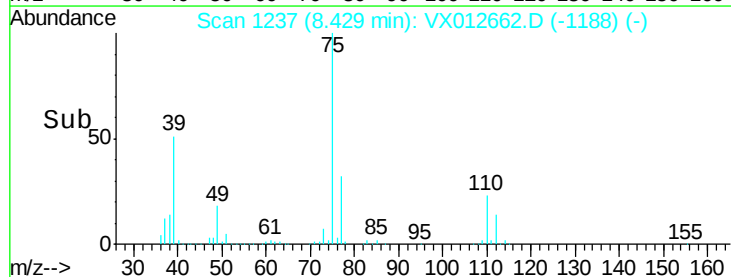
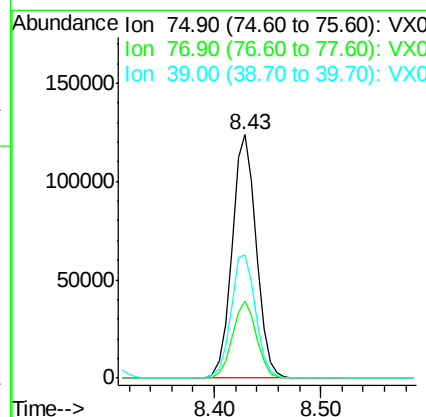
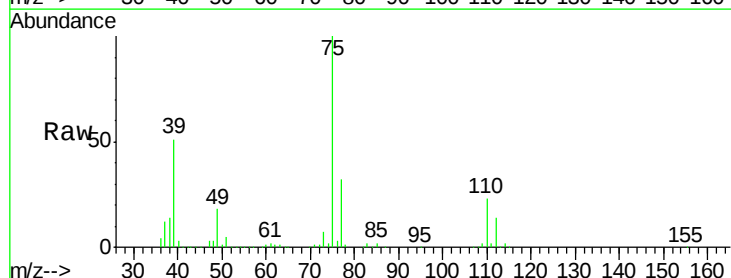
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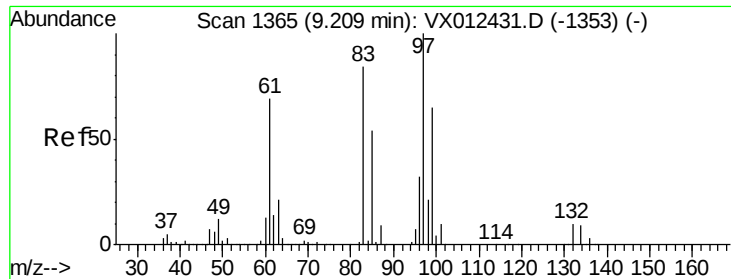
MMDadoda
 9/26/2019 9:33:50 AM



#54
 cis-1,3-Dichloropropene
 Concen: 47.462 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	50.7	45.5	68.3





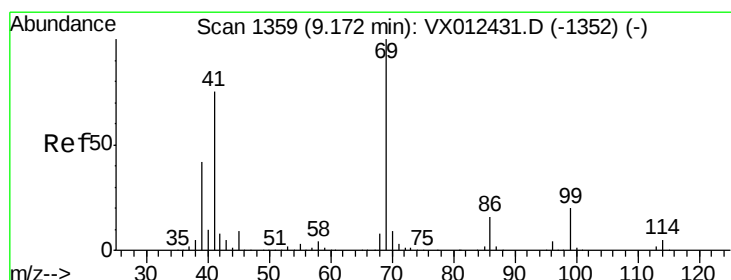
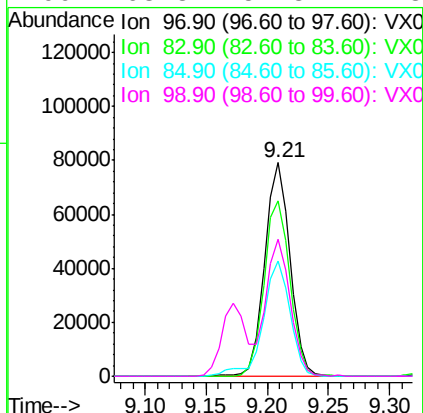
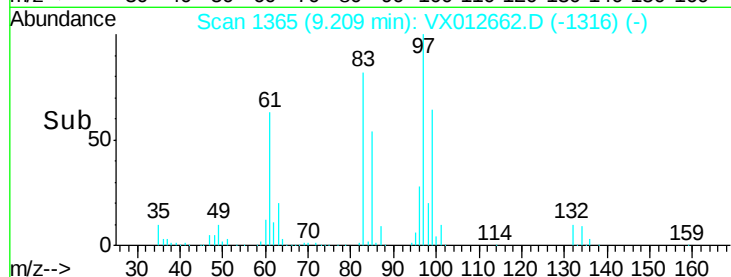
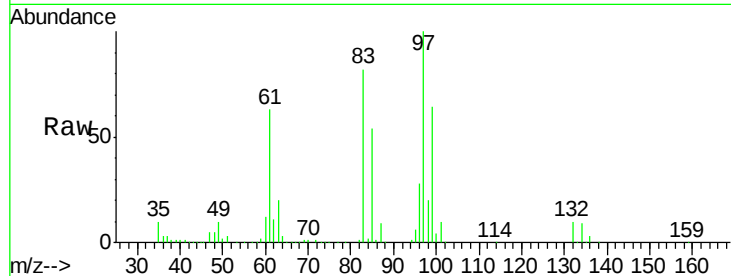
#55
 1,1,2-Trichloroethane
 Concen: 46.399 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	114500
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.4	101.2
85	53.8	43.5	65.3
99	63.8	51.8	77.8

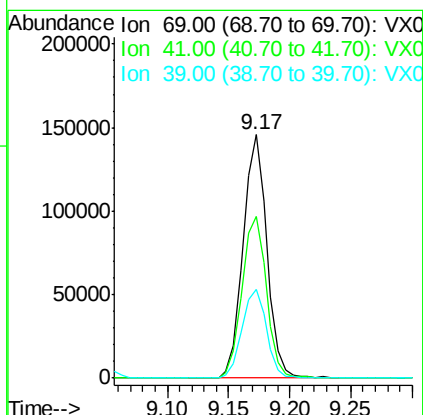
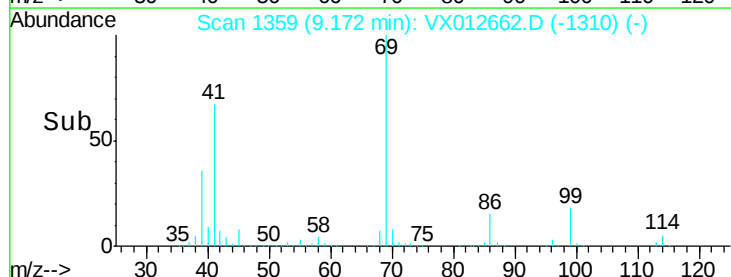
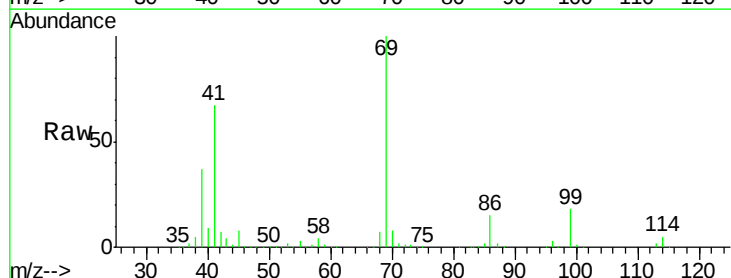
Manual Integrations
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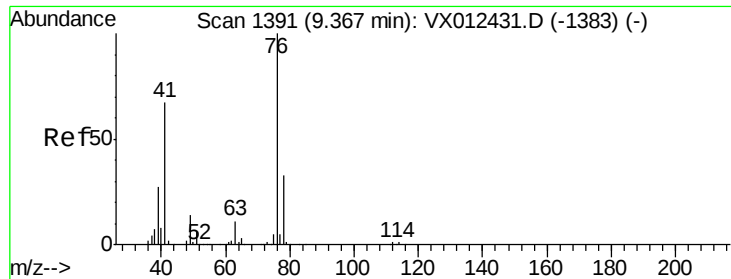
MMDadoda
 9/26/2019 9:33:50 AM



#56
 Ethyl methacrylate
 Concen: 47.448 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion:	69	Resp:	196710
Ion	Ratio	Lower	Upper
69	100		
41	68.6	58.4	87.6
39	37.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 46.091 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 199065

Ion Ratio Lower Upper

76 100

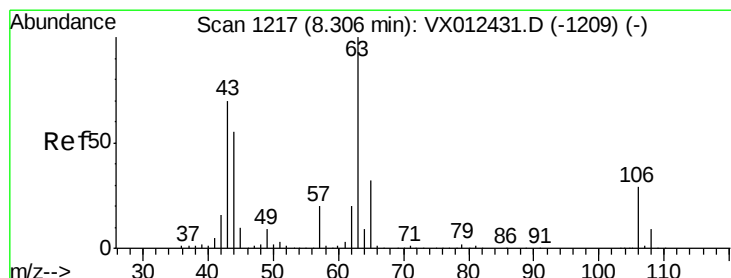
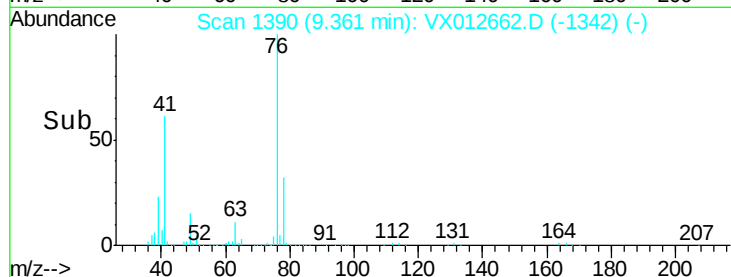
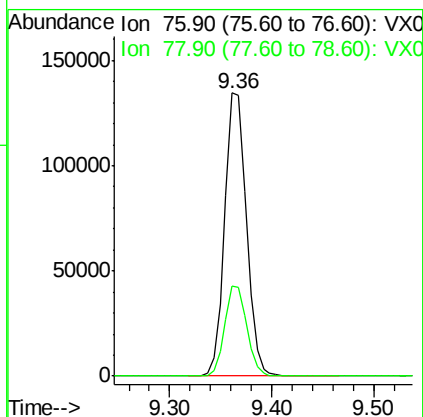
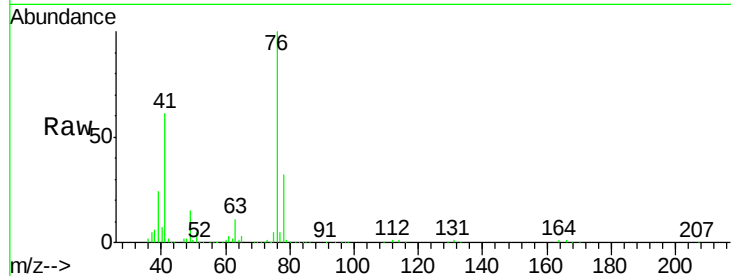
78 32.2 26.2 39.2

Manual Integrations

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MMDadoda

9/26/2019 9:33:50 AM



#58

2-Chloroethyl Vinyl ether

Concen: 252.027 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012662.D

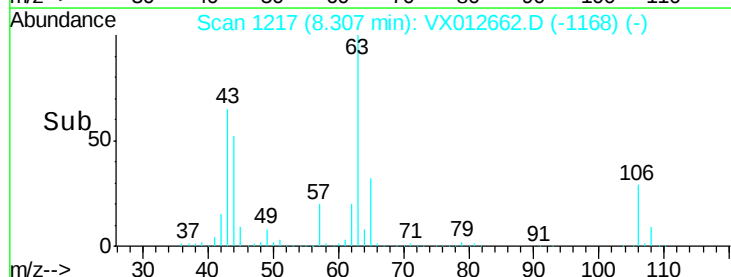
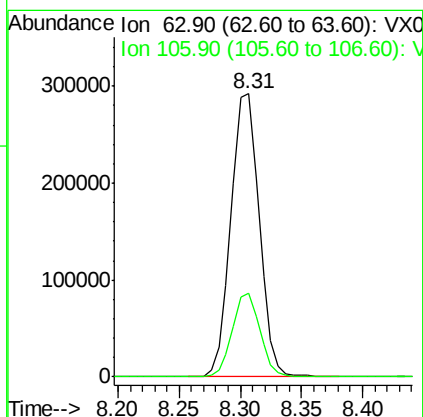
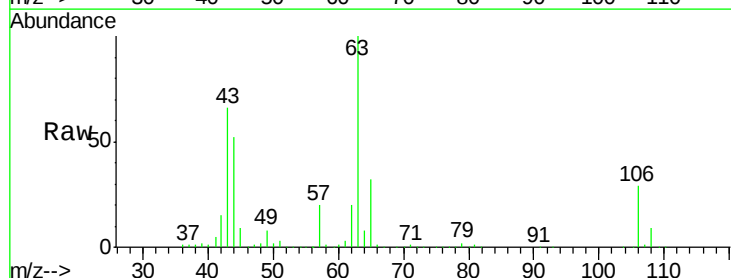
Acq: 25 Sep 2019 17:21

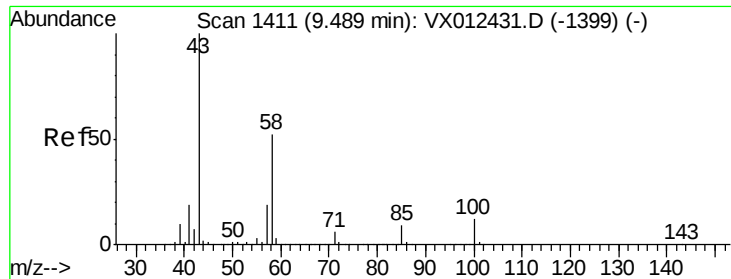
Tgt Ion: 63 Resp: 469006

Ion Ratio Lower Upper

63 100

106 28.7 23.8 35.6





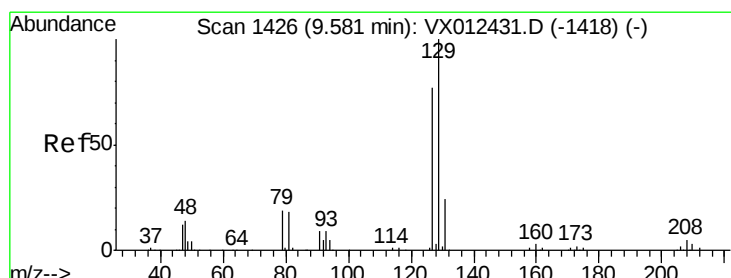
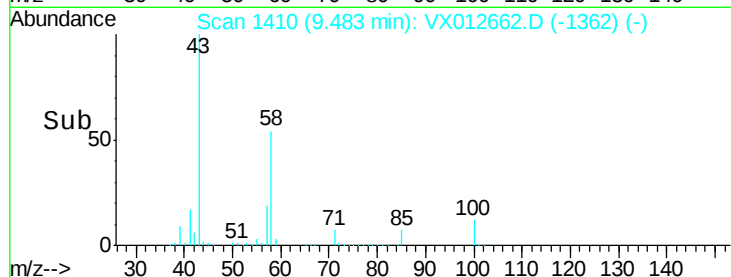
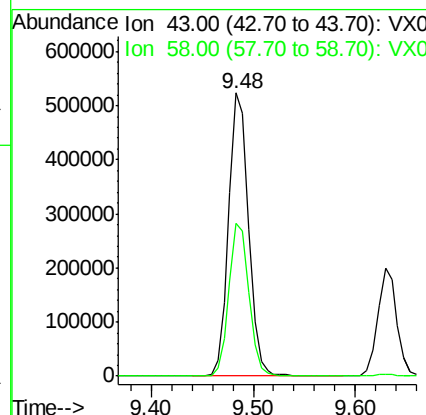
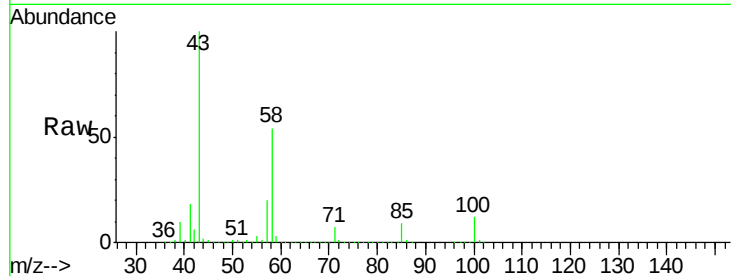
#59
2-Hexanone
Concen: 229.526 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 711679
Ion Ratio Lower Upper
43 100
58 54.6 25.7 77.1

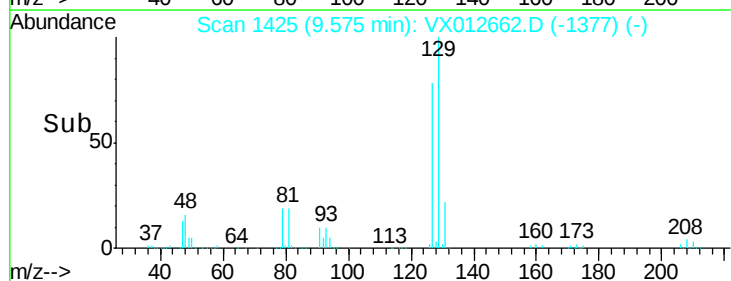
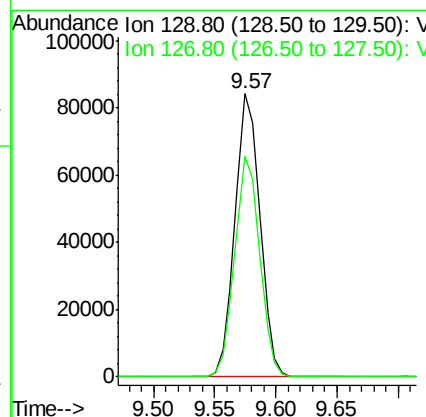
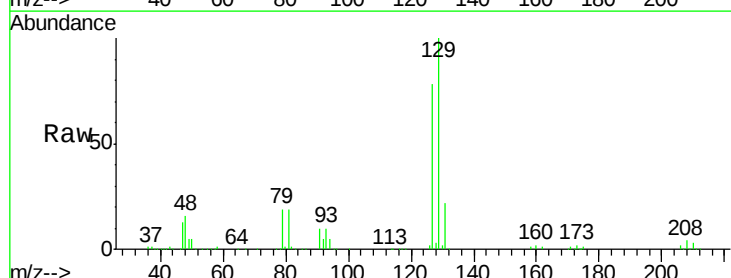
Manual Integrations
APPROVED

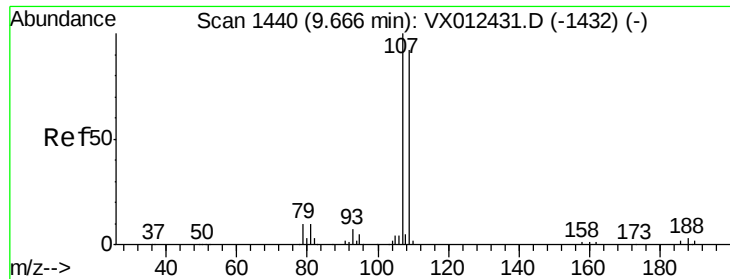
MMDadoda
9/26/2019 9:33:50 AM



#60
Dibromochloromethane
Concen: 47.613 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 129 Resp: 118940
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





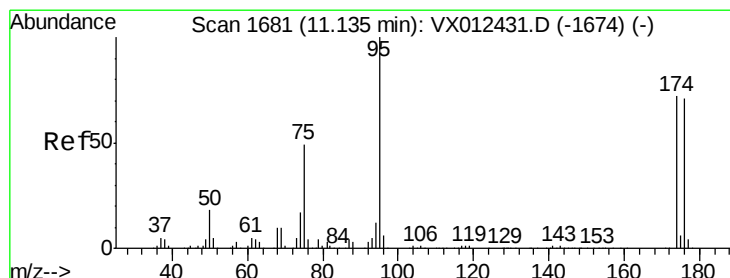
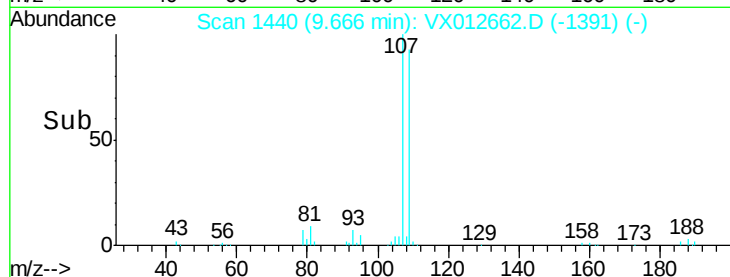
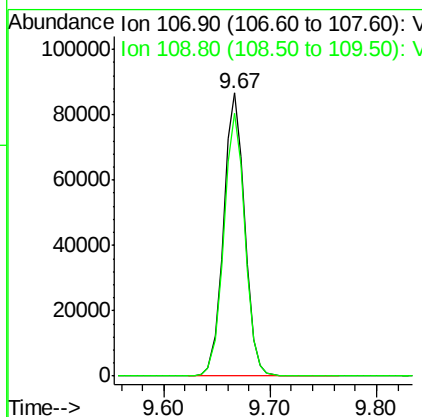
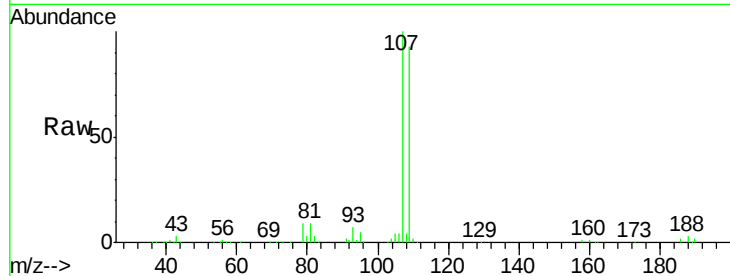
#61
 1,2-Dibromoethane
 Concen: 46.794 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	120177		
109	93.6	74.7	112.1	

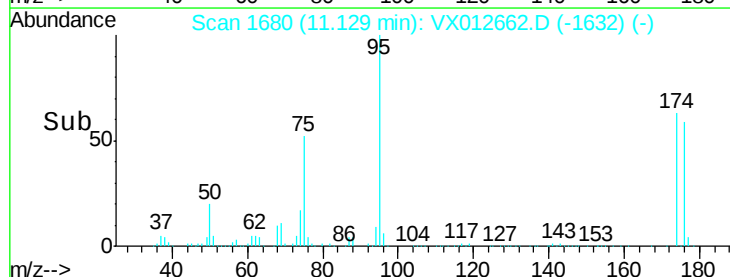
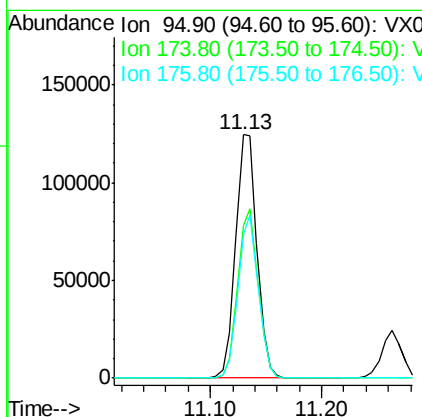
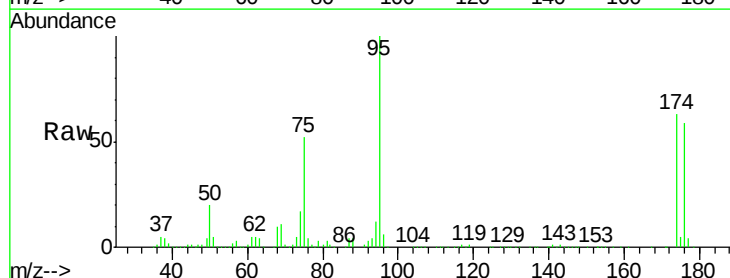
Manual Integrations
 APPROVED

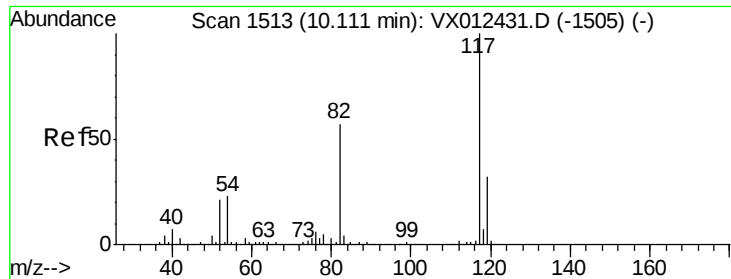
MMDadoda
 9/26/2019 9:33:50 AM



#62
 4-Bromofluorobenzene
 Concen: 52.514 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	164908		
174	67.0	0.0	140.0	
176	63.6	0.0	135.4	





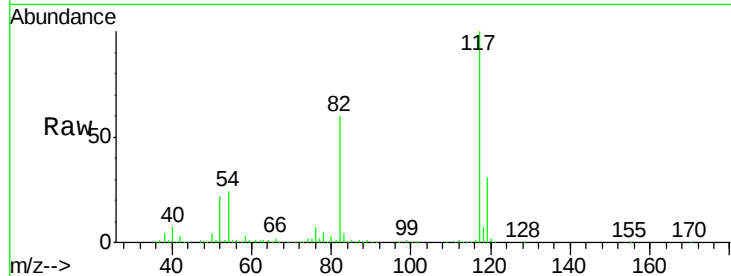
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	45.9	68.9
119	30.9	25.3	37.9

Manual Integrations
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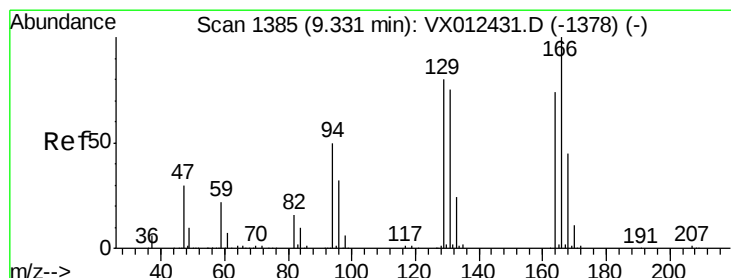
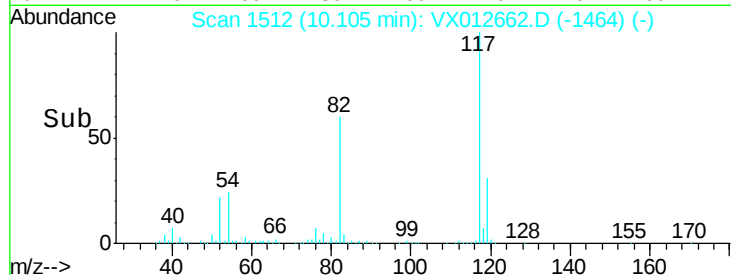
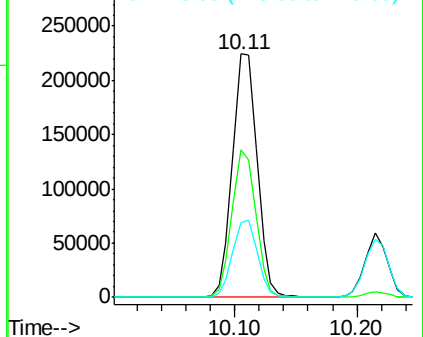


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 45.927 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	107.8	161.6
129	101.2	86.2	129.2
131	98.4	80.4	120.6

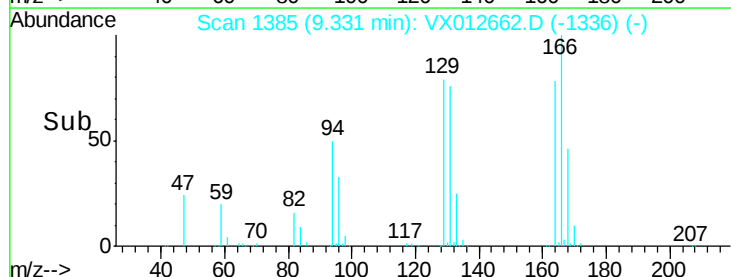
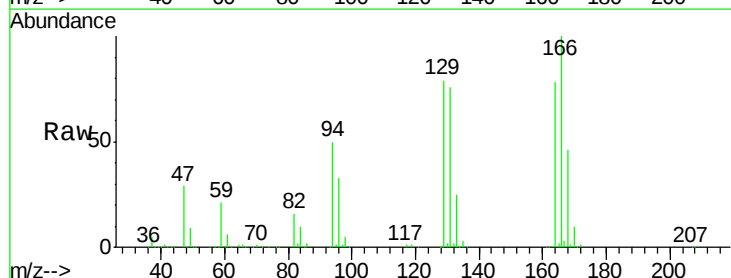
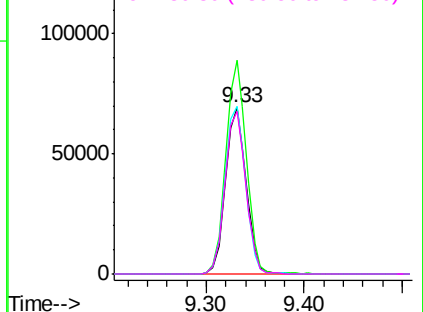
Abundance

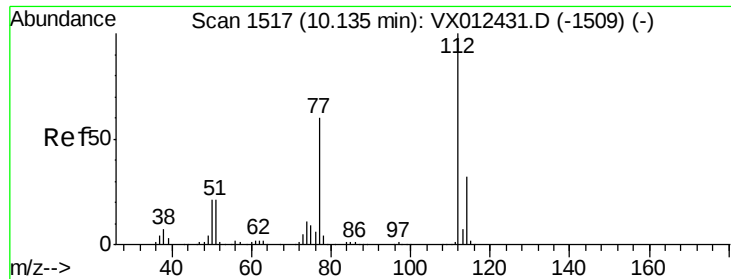
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





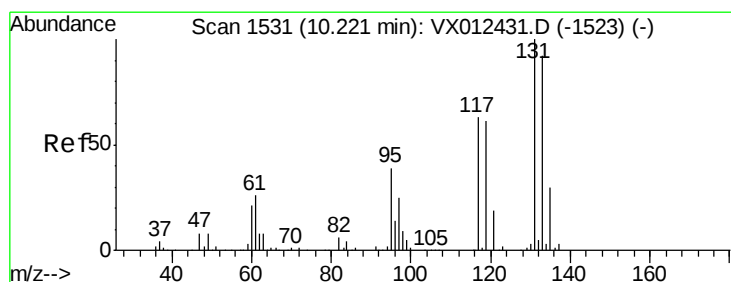
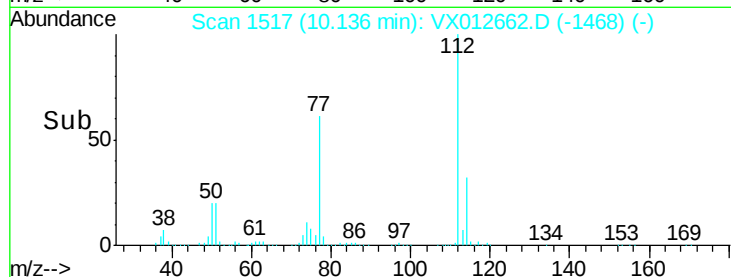
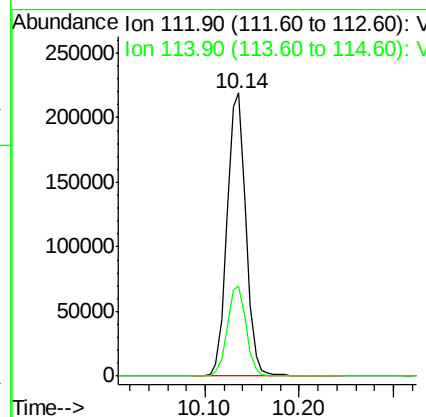
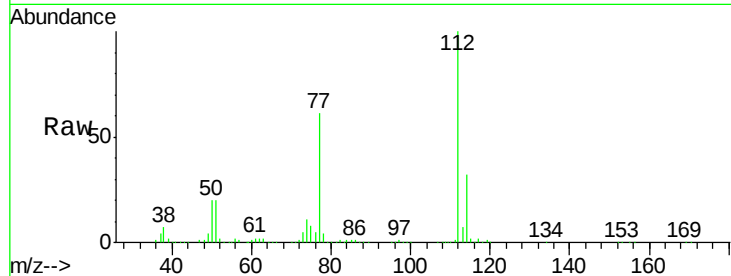
#65
Chlorobenzene
Concen: 45.450 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.0

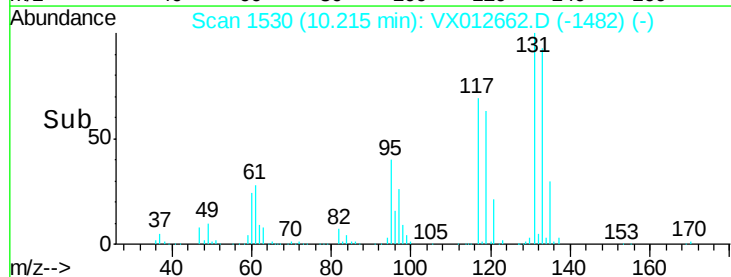
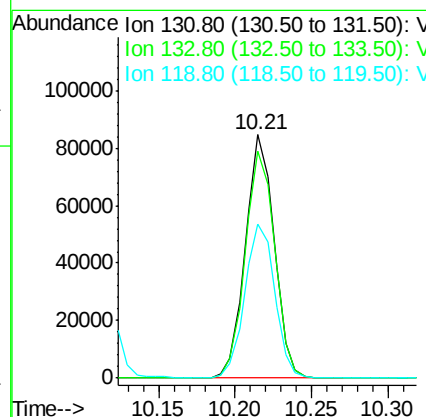
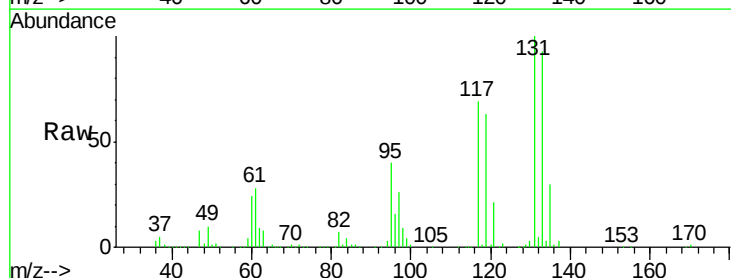
Manual Integrations
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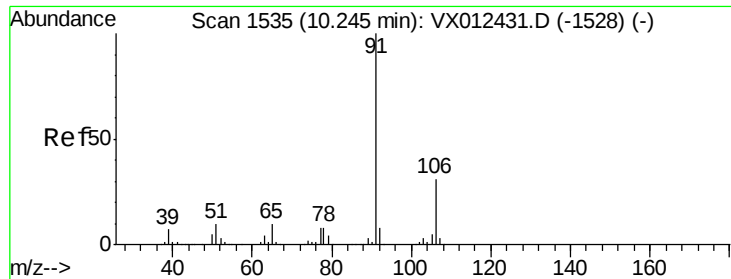
MMDadoda
9/26/2019 9:33:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 46.094 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.6	142.9
119	65.8	31.3	93.8





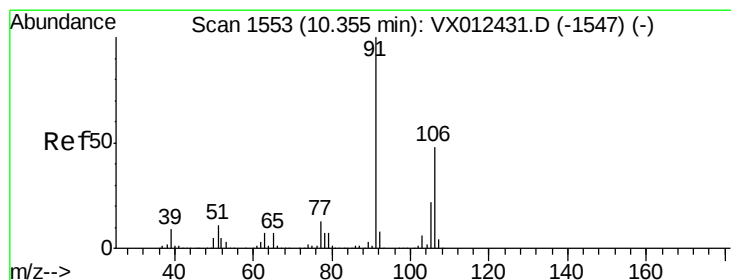
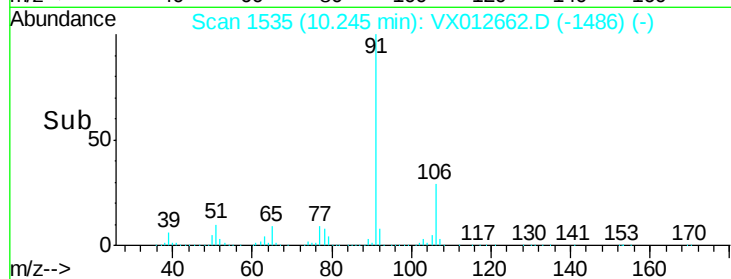
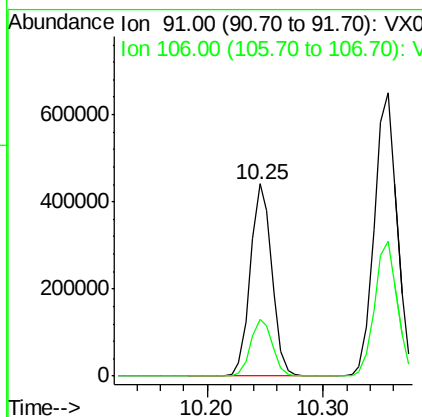
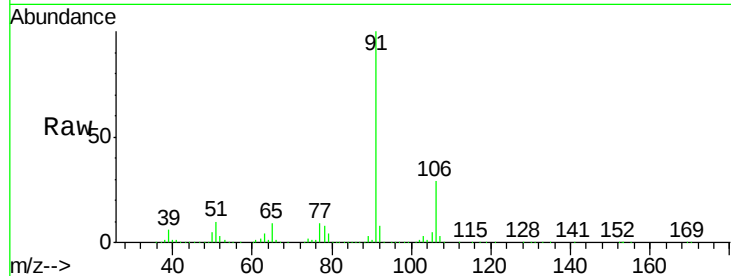
#67
Ethyl Benzene
Concen: 47.367 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 569709
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0

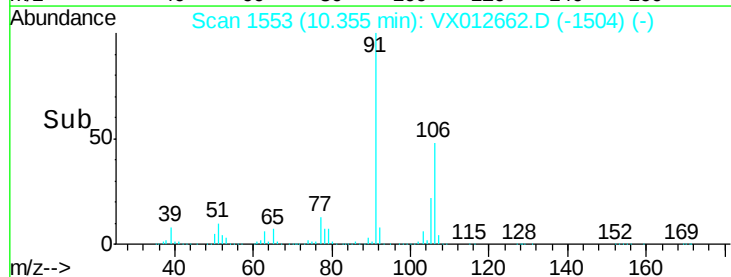
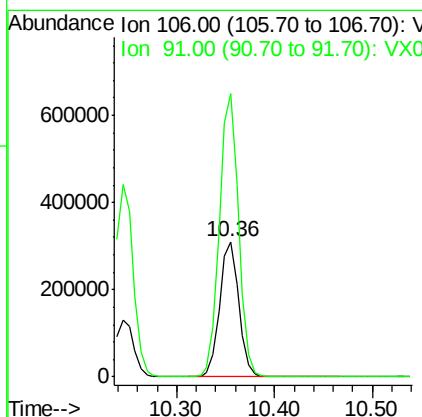
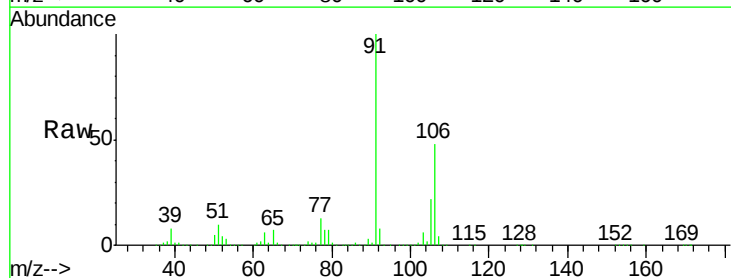
Manual Integrations
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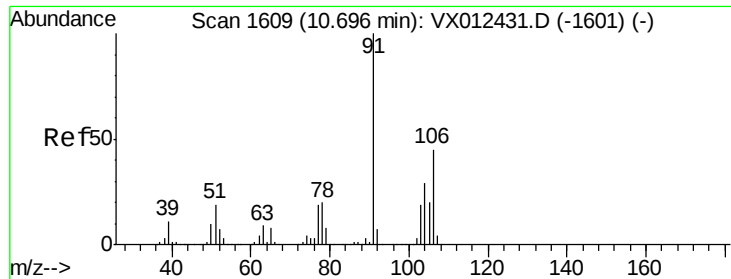
MMDadoda
9/26/2019 9:33:50 AM



#68
m/p-Xylenes
Concen: 93.113 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion: 106 Resp: 419521
Ion Ratio Lower Upper
106 100
91 210.0 166.6 250.0





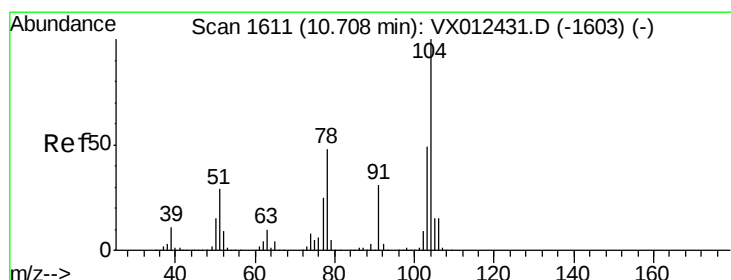
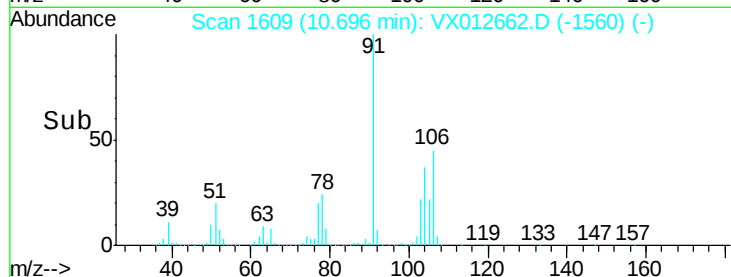
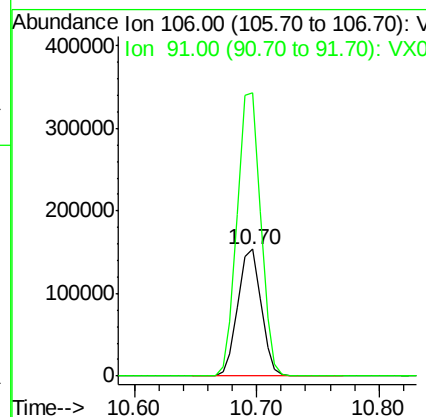
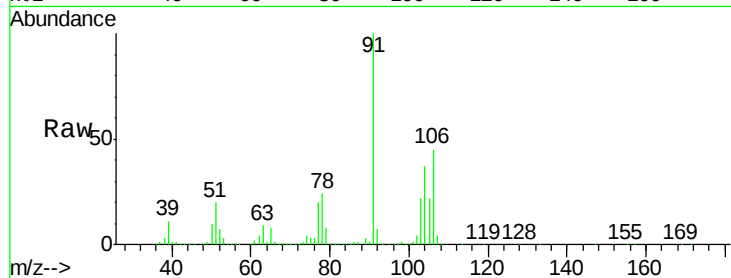
#69
o-Xylene
Concen: 46.394 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		202261		
91	225.5	109.4	328.2		

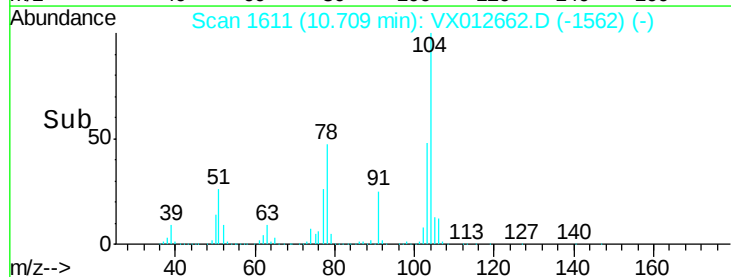
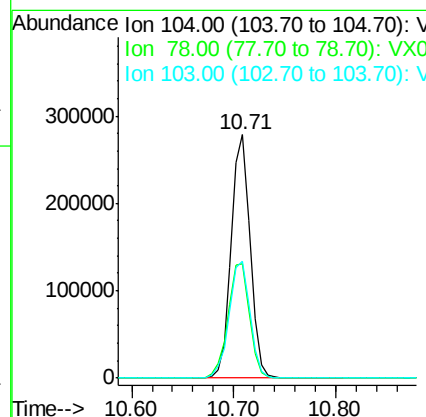
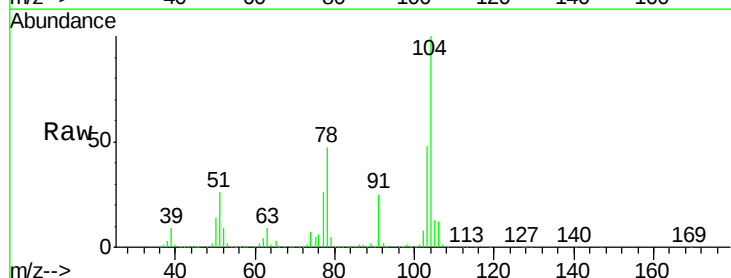
Manual Integrations
APPROVED

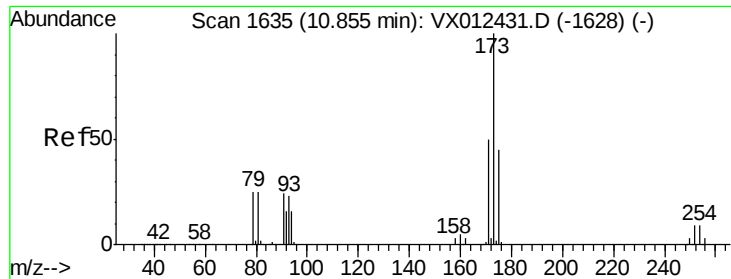
MMDadoda
9/26/2019 9:33:50 AM



#70
Styrene
Concen: 48.786 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		356554		
78	53.7	43.4	65.2		
103	53.4	43.3	64.9		





#71

Bromoform

Concen: 47.787 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

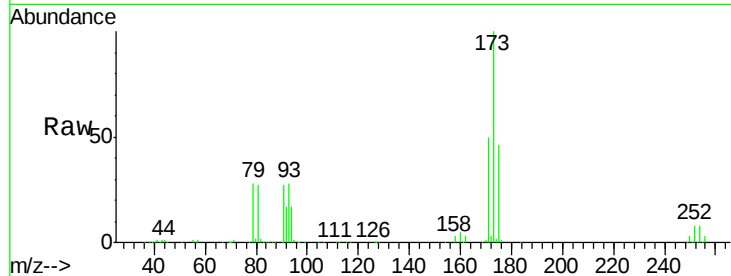
ClientSampleId :

VSTDCCC050EC

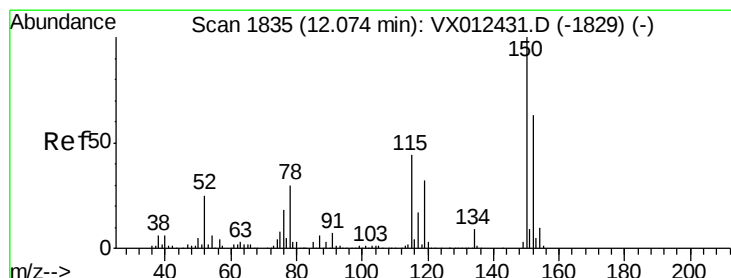
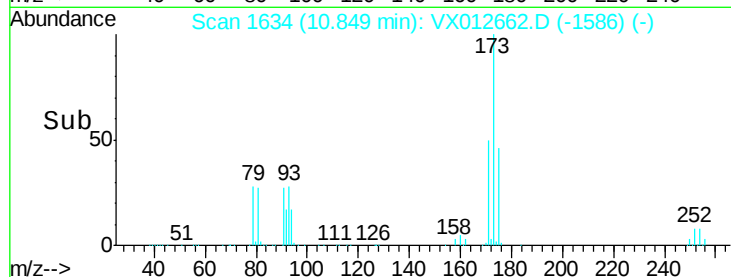
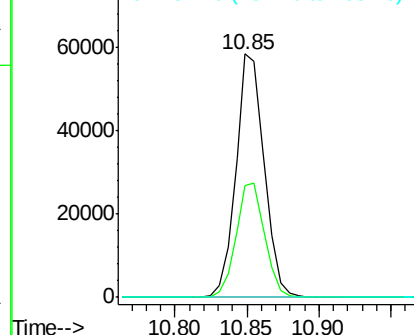
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.7	71.1
254	0.1	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

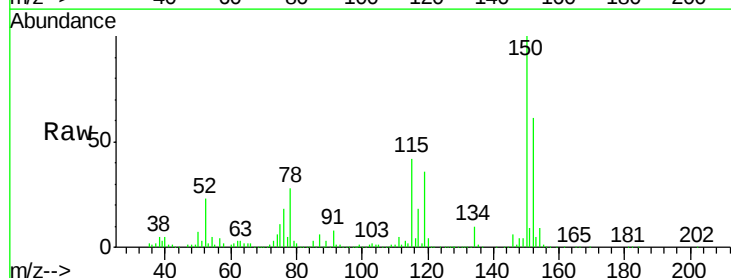
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

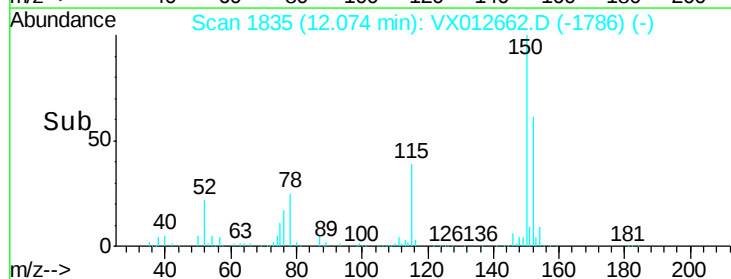
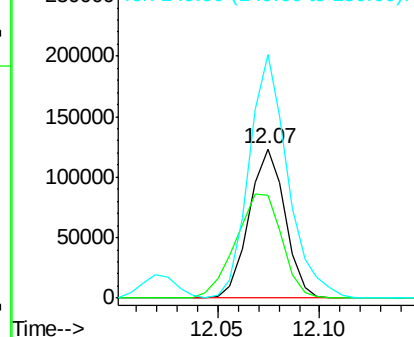
Lab File: VX012662.D

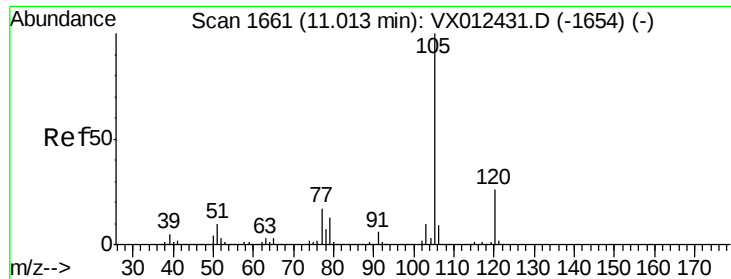
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	89.0	44.1	132.3
150	175.3	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.237 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 558280

Ion Ratio Lower Upper

105 100

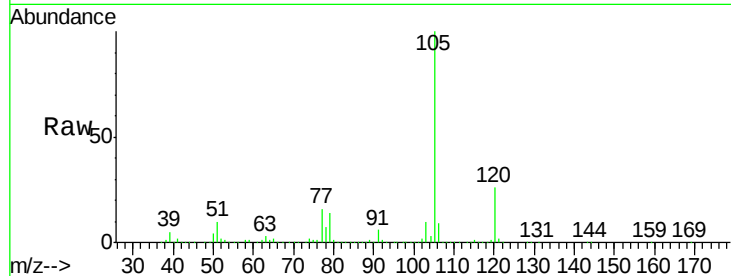
120 25.6 12.9 38.7

Manual Integrations

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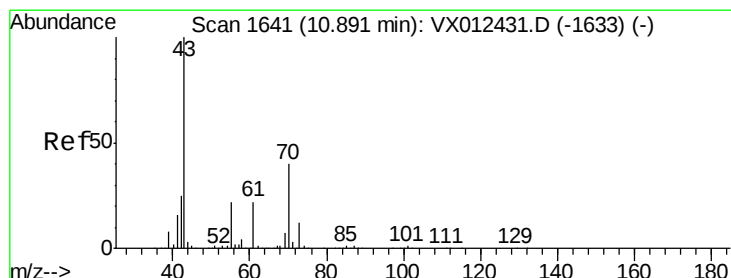
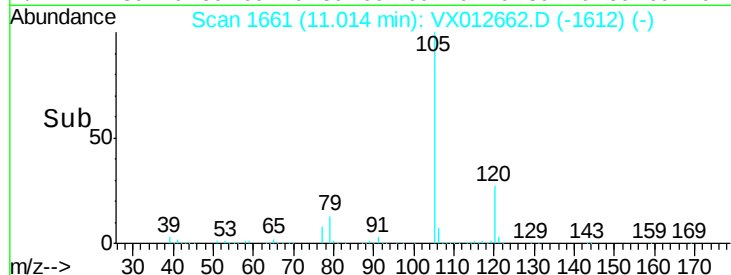
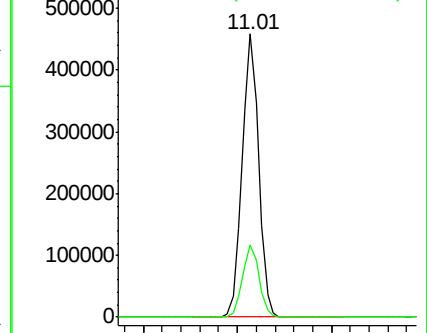
MMDadoda

9/26/2019 9:33:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.384 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion: 43 Resp: 267204

Ion Ratio Lower Upper

43 100

70 42.4 32.4 48.6

55 23.7 18.2 27.4

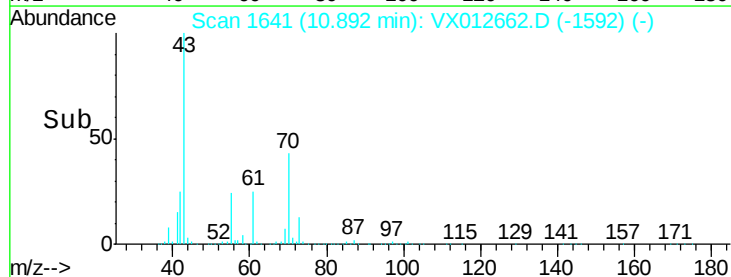
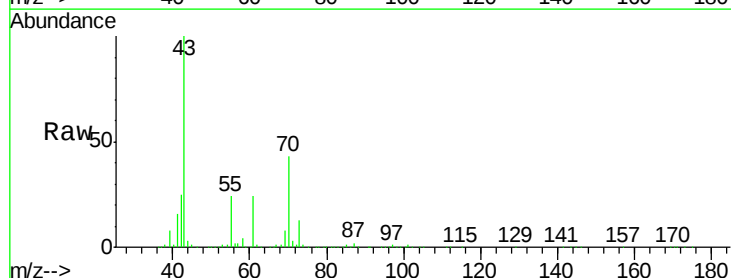
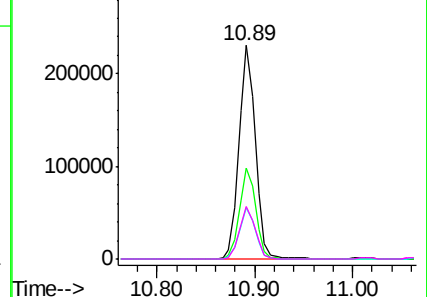
61 24.3 18.5 27.7

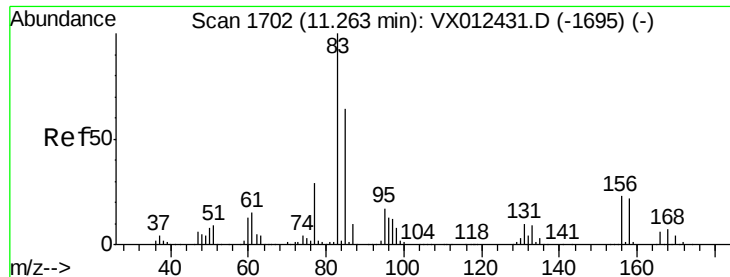
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.099 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

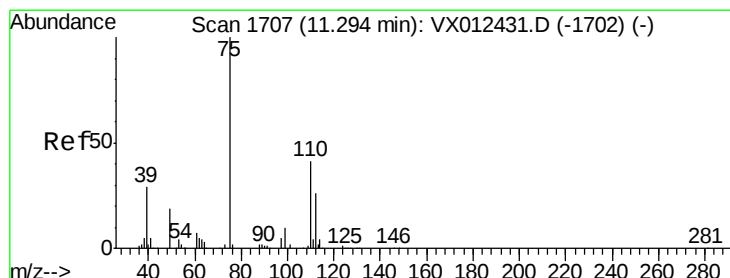
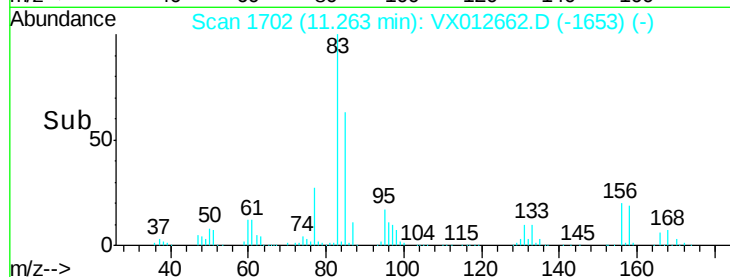
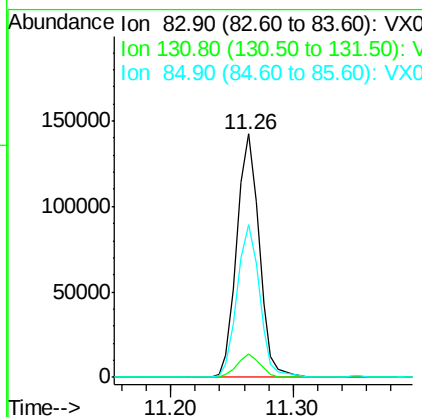
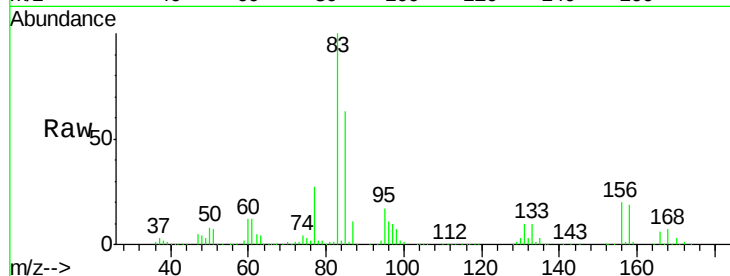
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	180244
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.2	15.6
85	63.4	32.0	96.0

Manual Integrations
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9/26/2019 9:33:50 AM



#76

1,2,3-Trichloropropane

Concen: 43.363 ug/l m

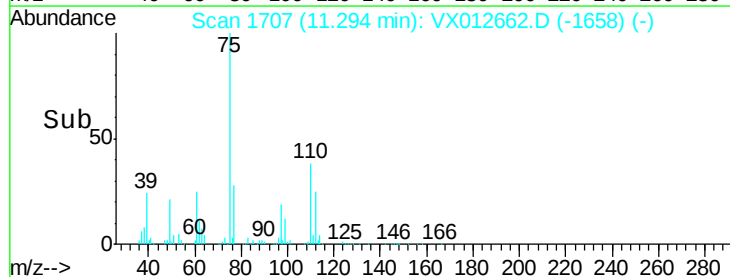
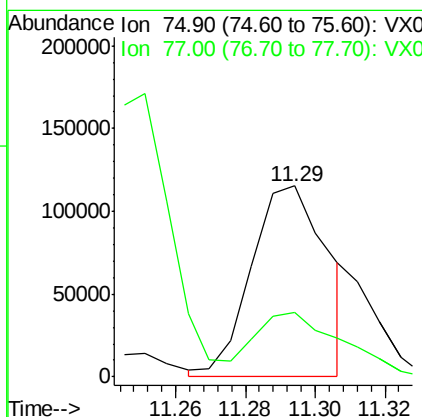
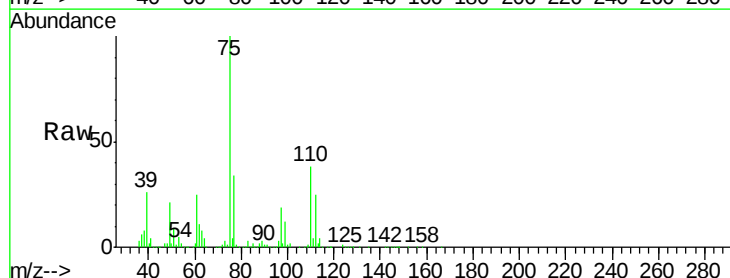
RT: 11.29 min Scan# 1707

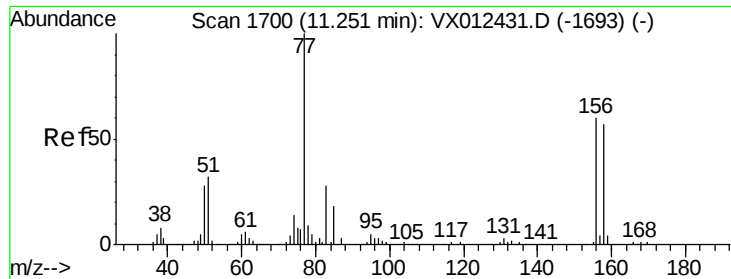
Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion:	75	Resp:	173806
Ion Ratio	Lower	Upper	
75	100		
77	38.4	19.7	59.0





#77

Bromobenzene

Concen: 44.136 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

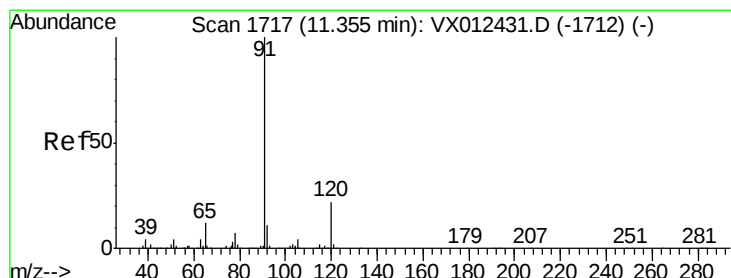
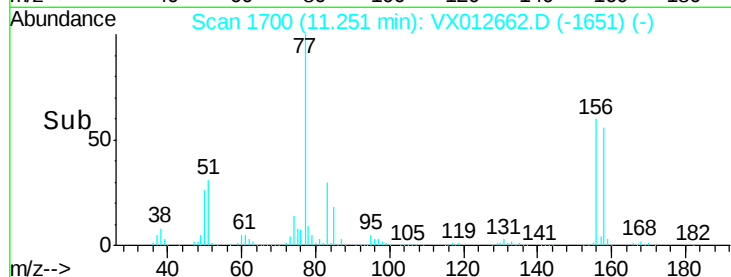
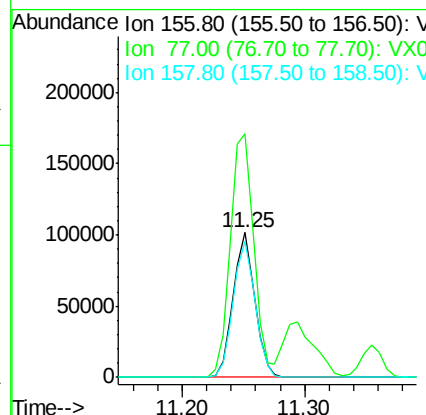
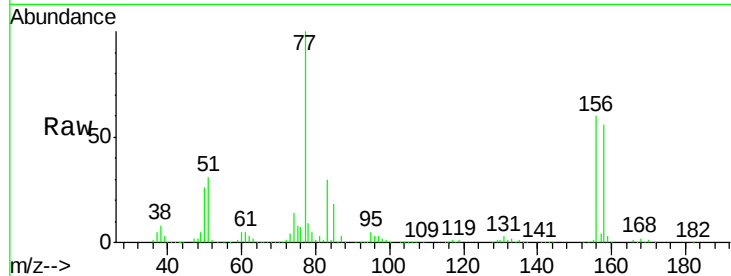
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	123279
Ion Ratio	Lower	Upper	
156	100		
77	184.7	87.3	261.8
158	96.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 45.618 ug/l

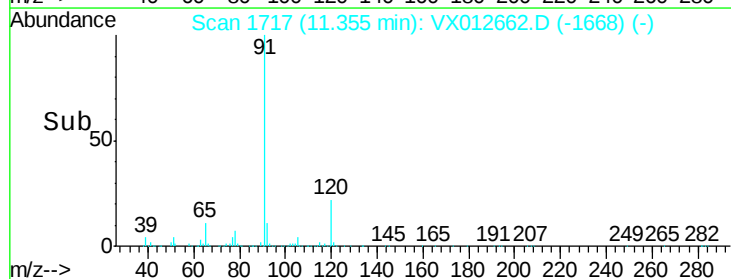
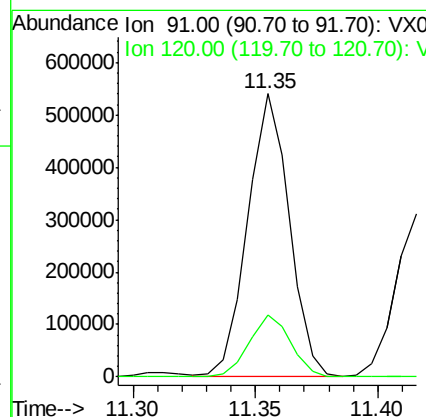
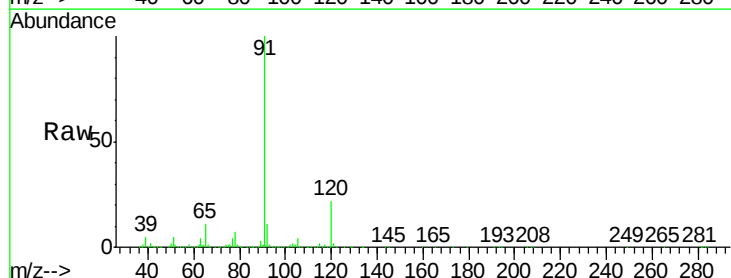
RT: 11.35 min Scan# 1717

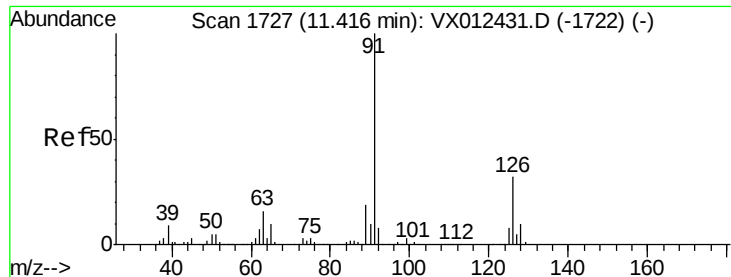
Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion:	91	Resp:	633813
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





#79

2-Chlorotoluene

Concen: 43.837 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 379954

Ion Ratio Lower Upper

91 100

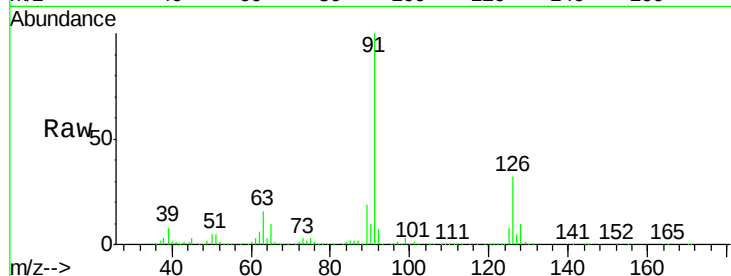
126 31.6 16.4 49.4

Manual Integrations

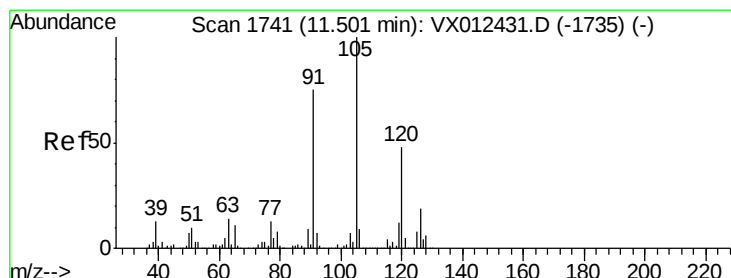
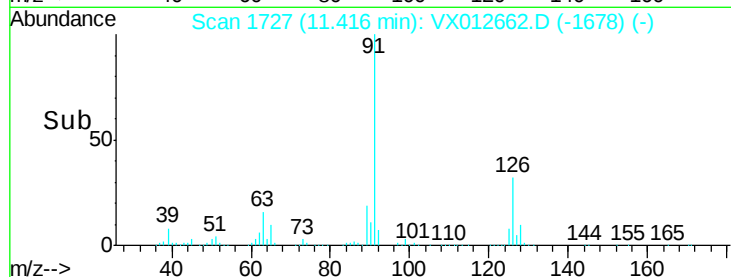
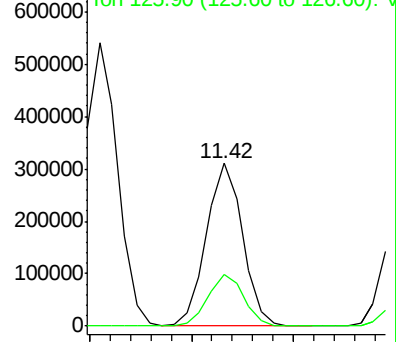
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Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.105 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012662.D

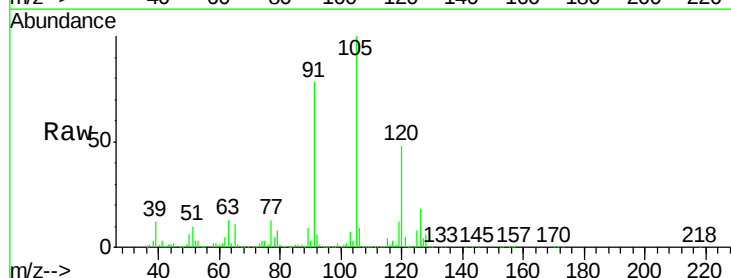
Acq: 25 Sep 2019 17:21

Tgt Ion: 105 Resp: 477143

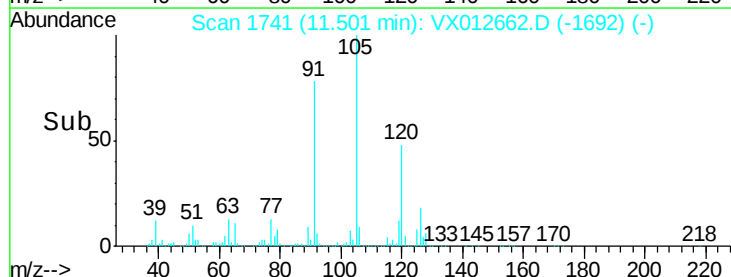
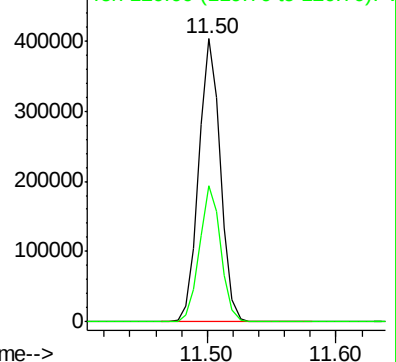
Ion Ratio Lower Upper

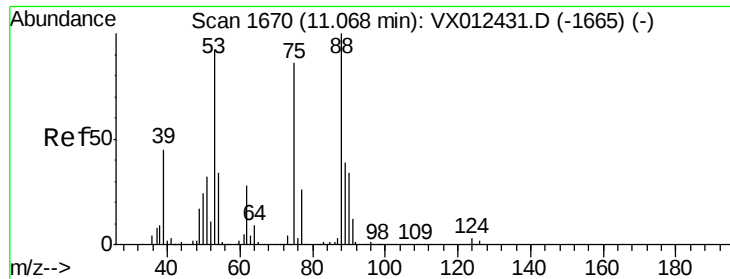
105 100

120 47.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012431.D (-1735) (-)





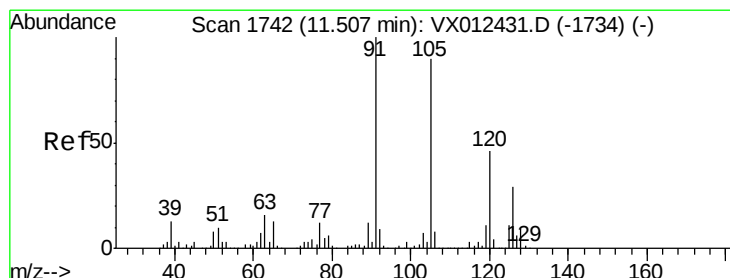
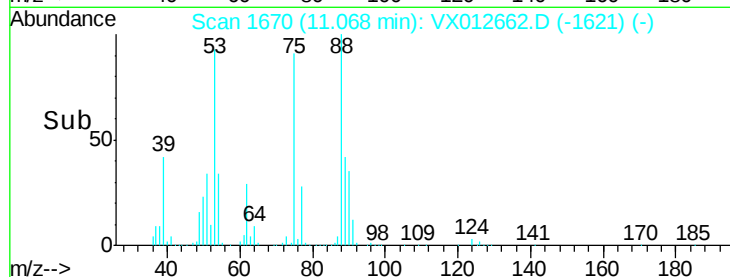
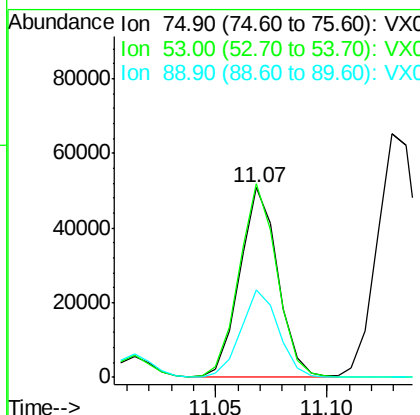
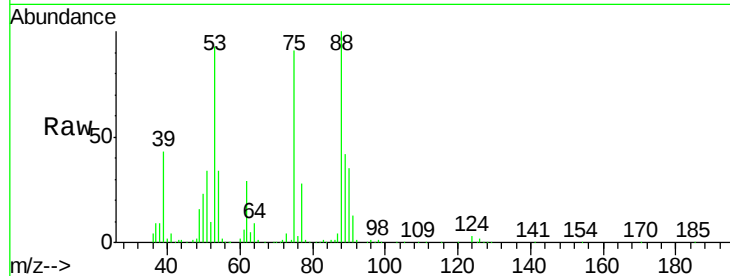
#81
trans-1,4-Dichloro-2-butene
Concen: 43.112 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.1	83.6	125.4
89	46.2	36.3	54.5

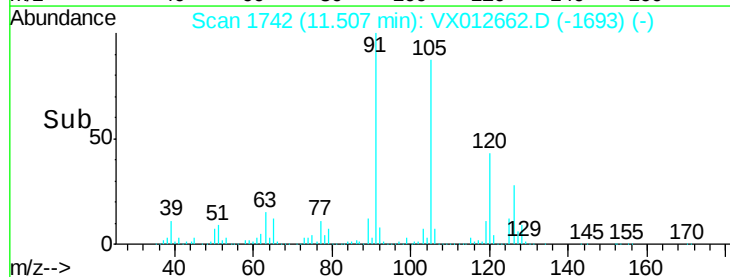
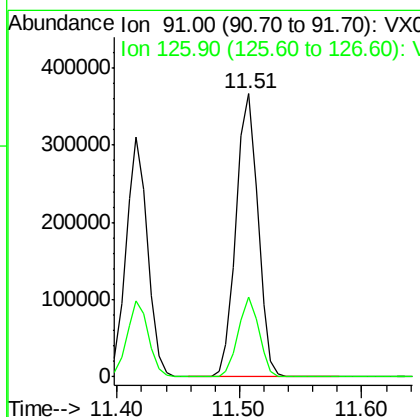
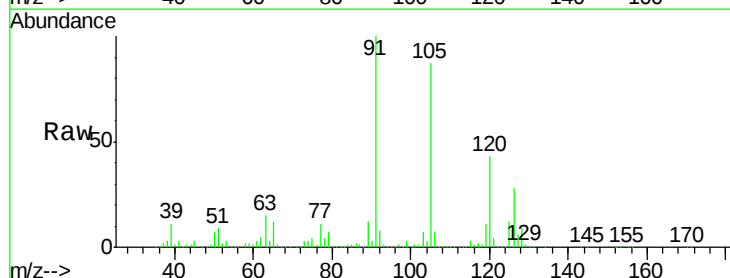
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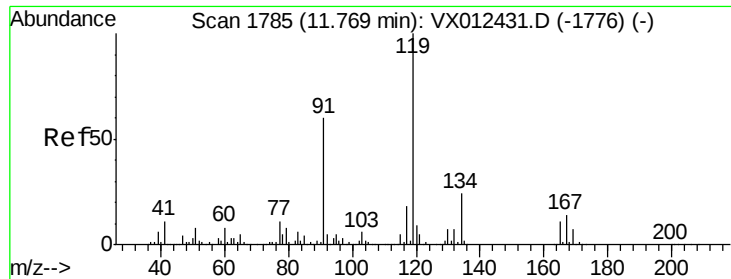
MMDadoda
9/26/2019 9:33:50 AM



#82
4-Chlorotoluene
Concen: 45.736 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.3	14.4	43.0





#83

tert-Butylbenzene

Concen: 45.800 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

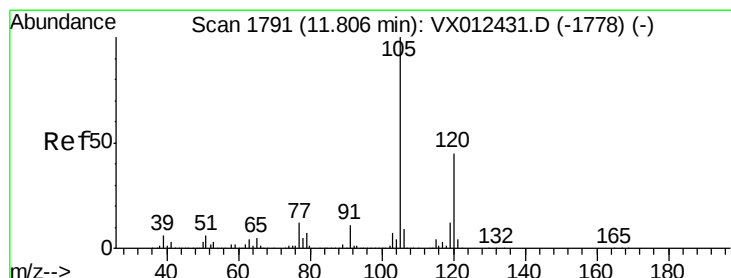
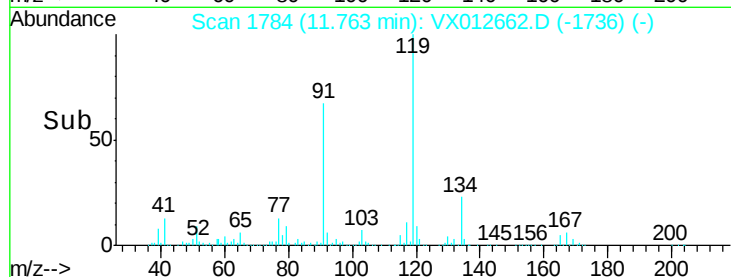
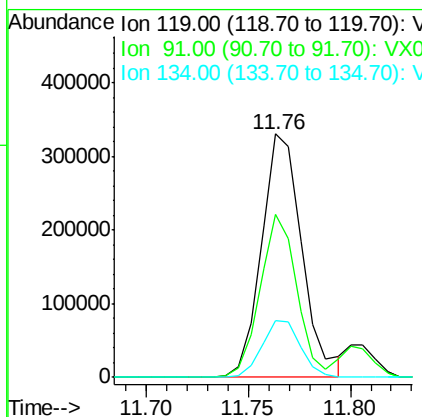
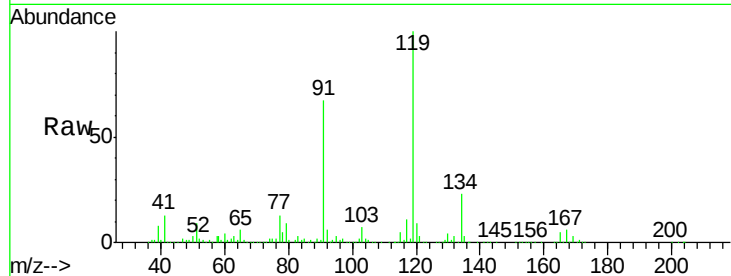
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	457228
Ion Ratio	Lower	Upper	
119	100		
91	60.4	30.0	90.0
134	22.3	11.3	33.9

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#84

1,2,4-Trimethylbenzene

Concen: 46.010 ug/l

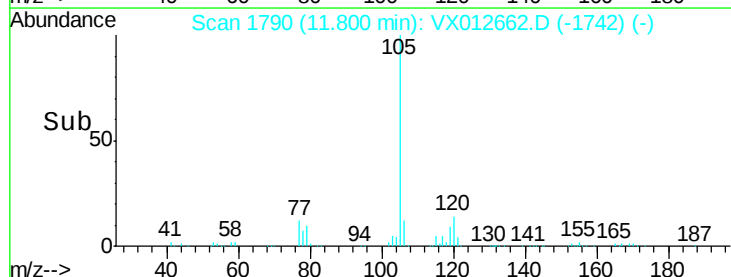
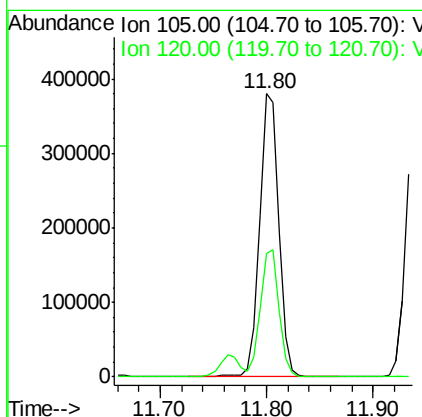
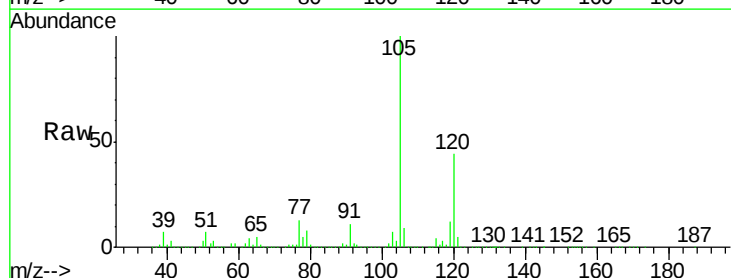
RT: 11.80 min Scan# 1790

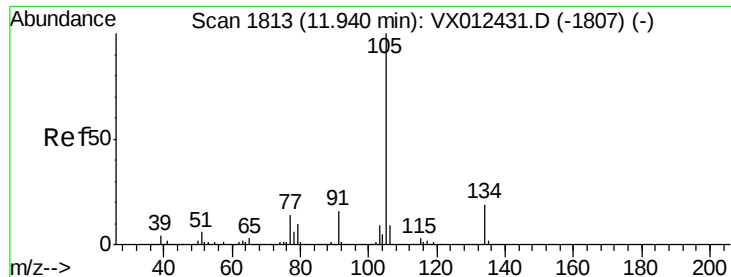
Delta R.T. -0.01 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Tgt Ion:	105	Resp:	480348
Ion Ratio	Lower	Upper	
105	100		
120	43.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 46.737 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 542690

Ion Ratio Lower Upper

105 100

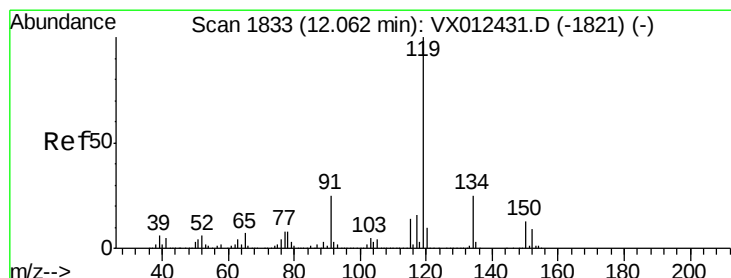
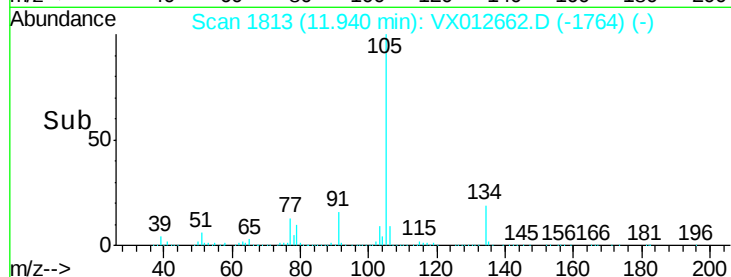
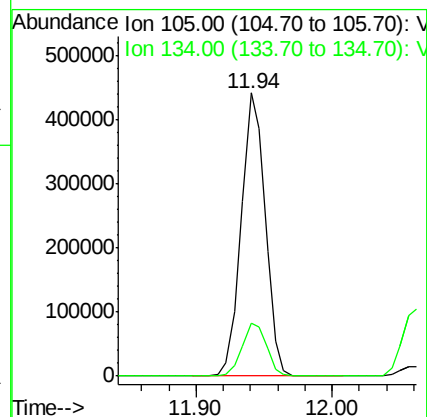
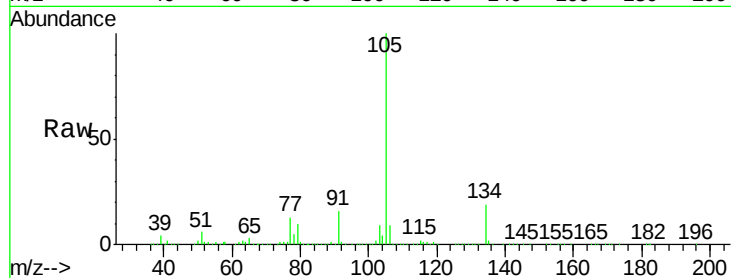
134 19.1 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 47.618 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012662.D

Acq: 25 Sep 2019 17:21

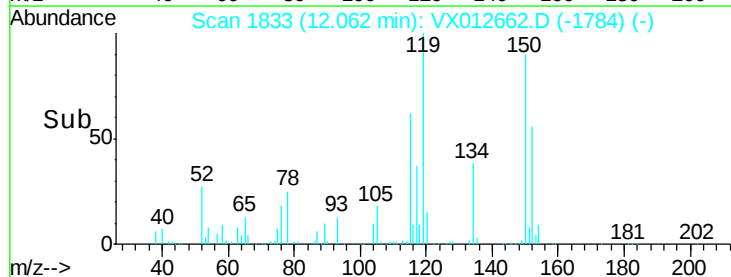
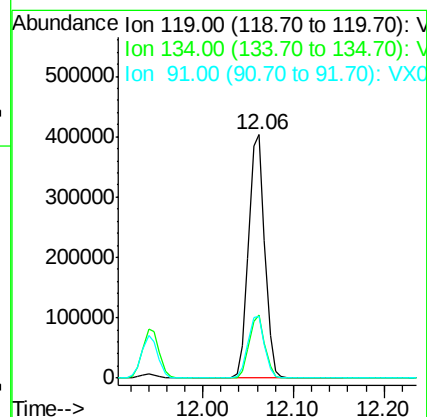
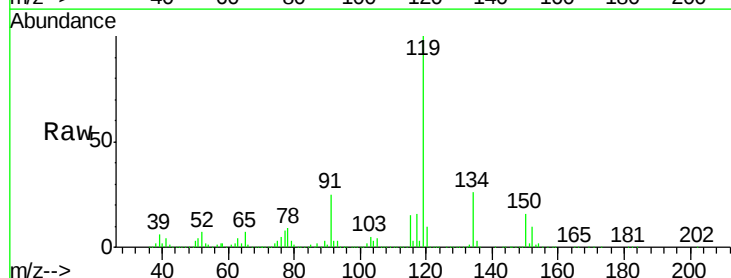
Tgt Ion:119 Resp: 498900

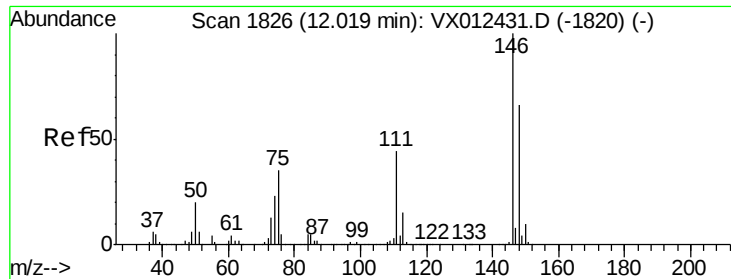
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 25.9 12.8 38.4





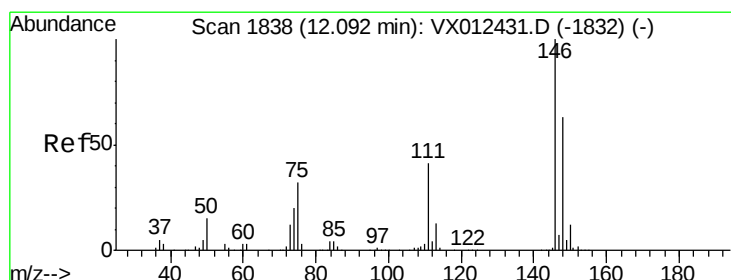
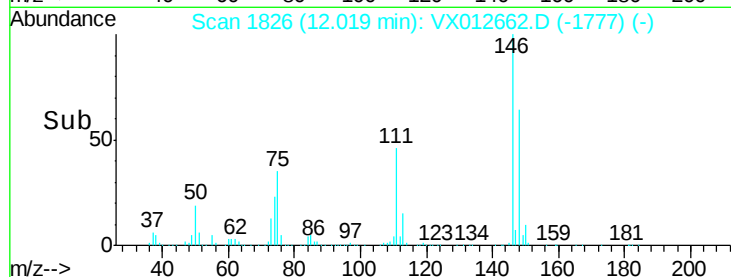
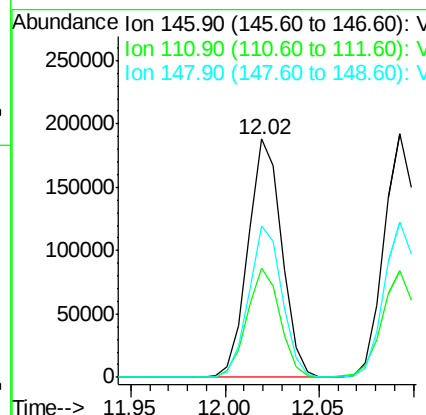
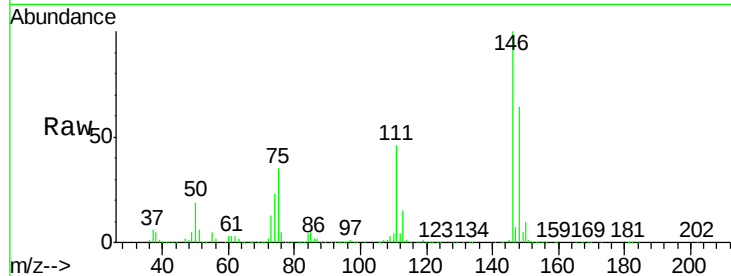
#87
 1,3-Dichlorobenzene
 Concen: 46.419 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.3	64.0
148	62.7	32.4	97.2

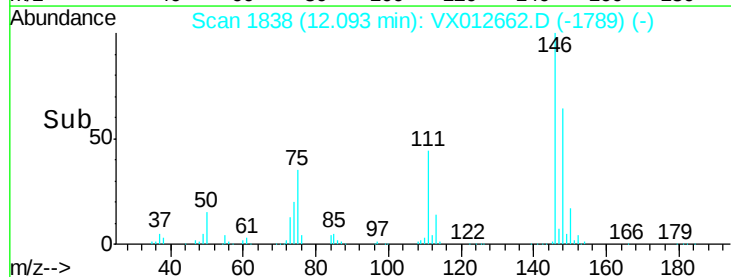
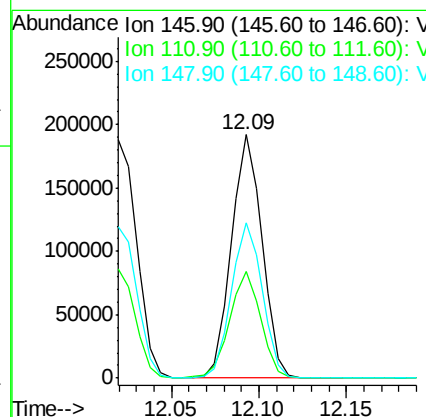
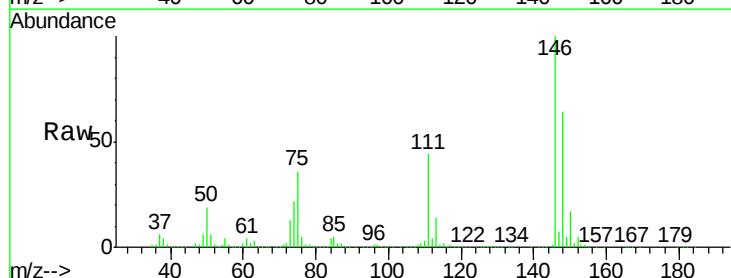
Manual Integrations
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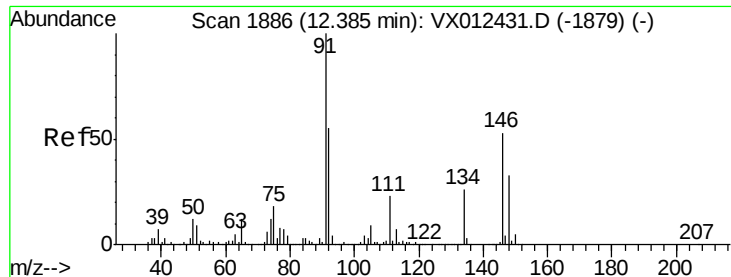
MMDadoda
 9/26/2019 9:33:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.966 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.3
148	64.4	32.1	96.5





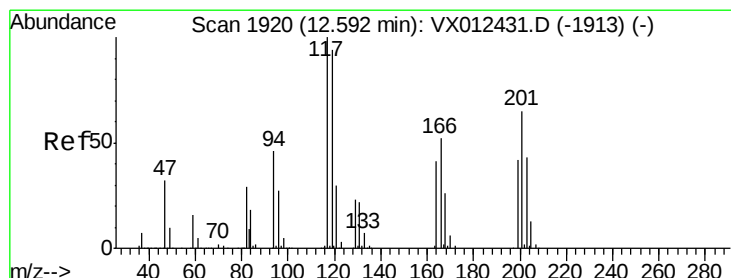
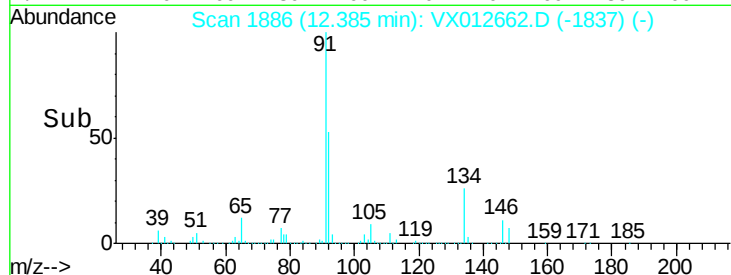
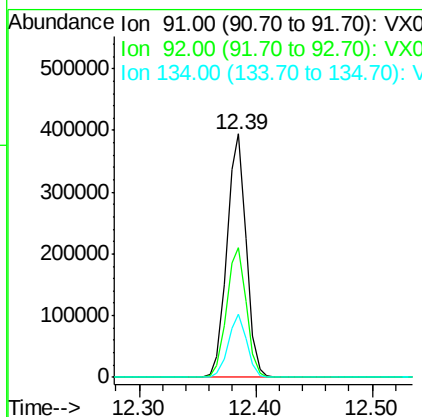
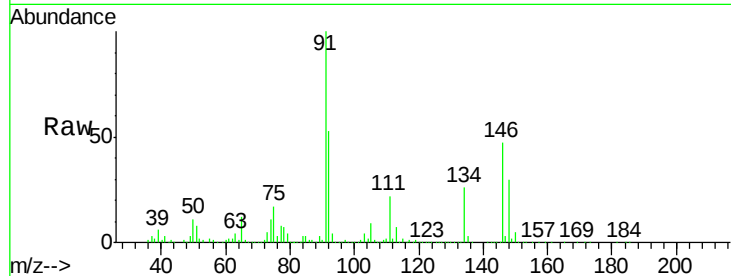
#89
n-Butylbenzene
Concen: 48.738 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	449971		
92	54.5	27.7	83.0	
134	25.0	12.9	38.6	

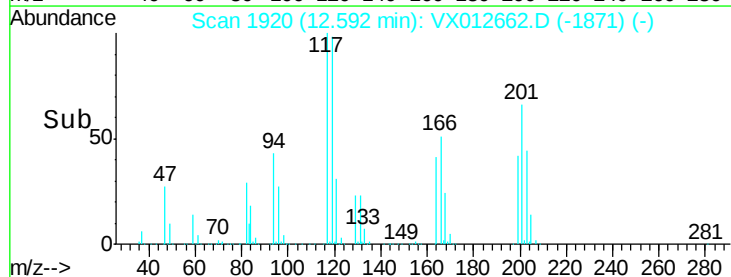
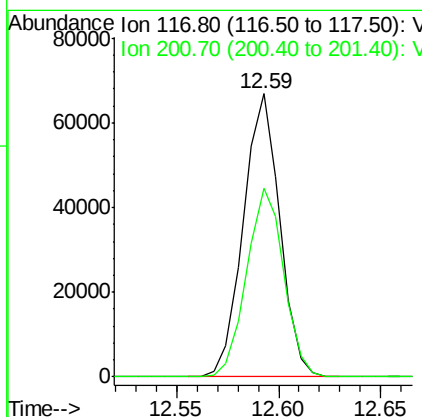
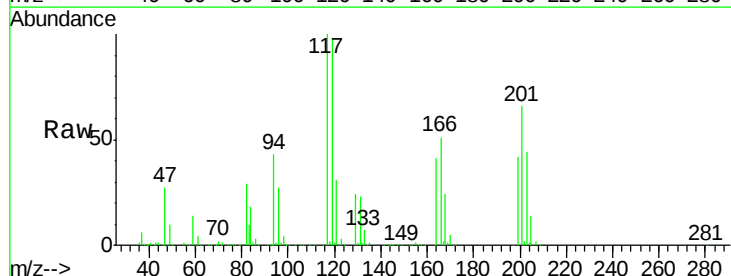
Manual Integrations
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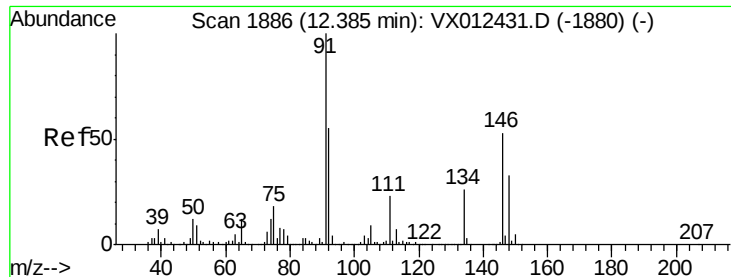
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#90
Hexachloroethane
Concen: 44.370 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82879		
201	68.1	33.3	99.8	





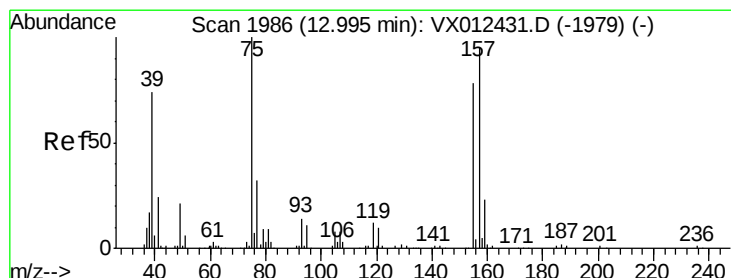
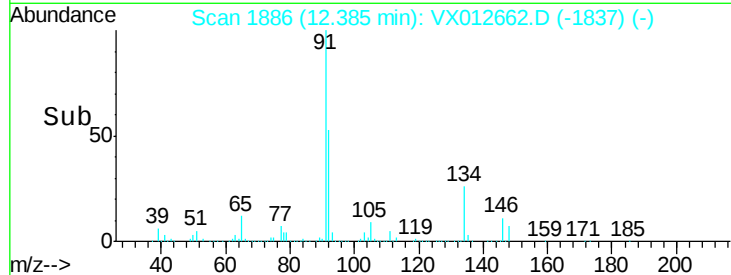
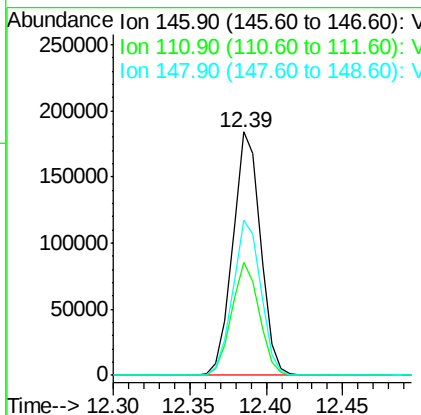
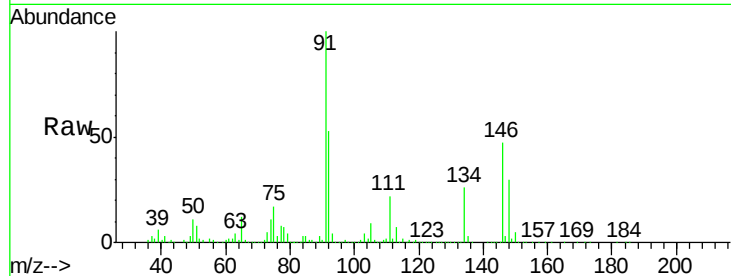
#91
 1,2-Dichlorobenzene
 Concen: 45.697 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.1	66.1
148	64.5	31.3	93.9

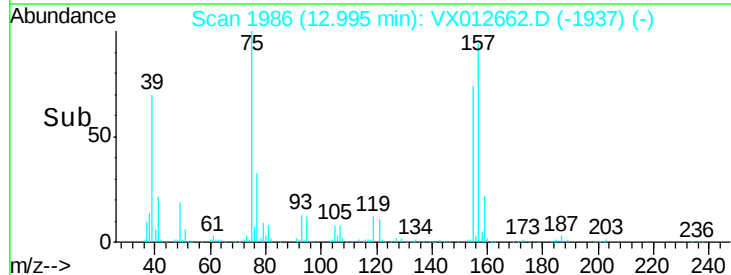
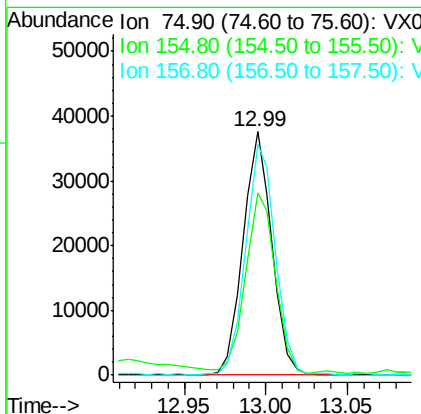
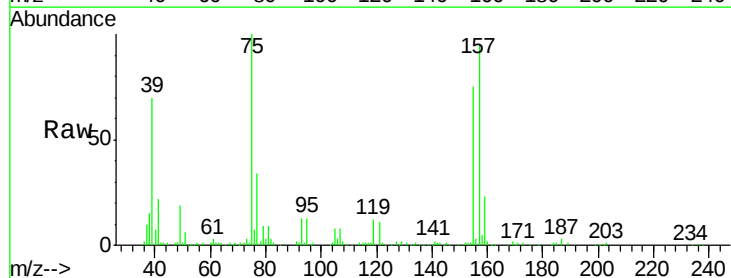
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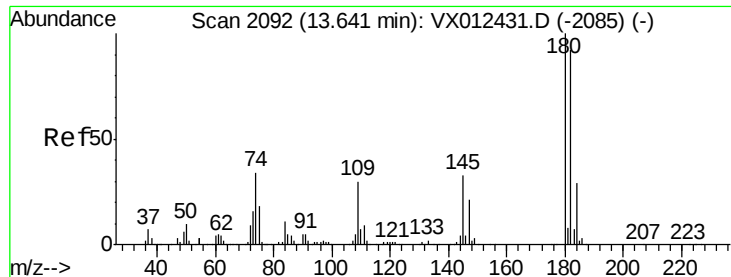
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.240 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	38.6	115.8
157	96.8	50.6	151.9





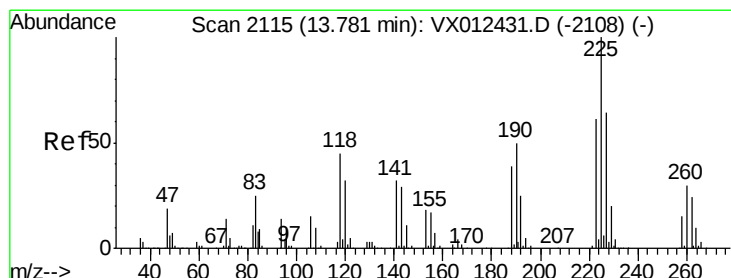
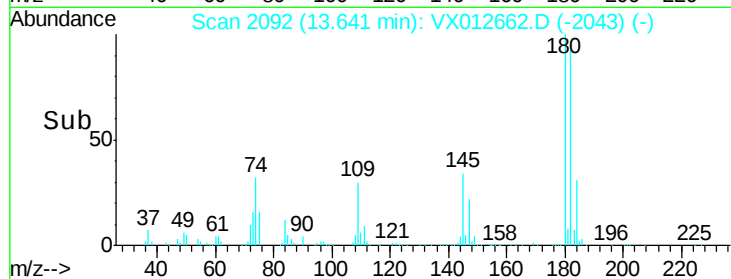
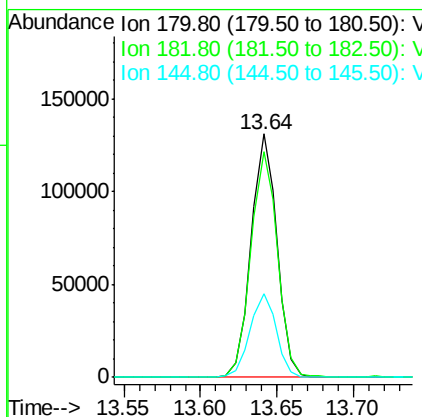
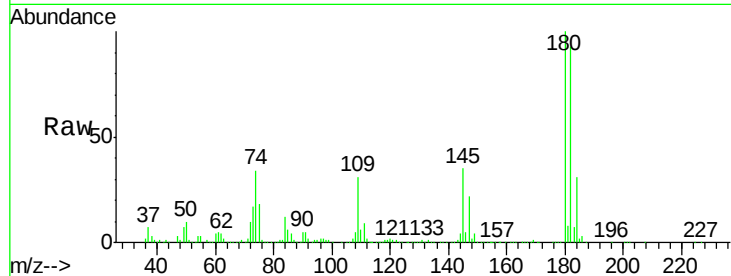
#93
 1,2,4-Trichlorobenzene
 Concen: 50.206 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	154083		
182	95.6	47.0	141.0	
145	34.8	16.8	50.4	

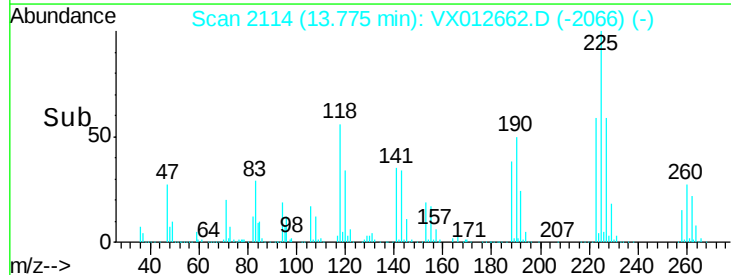
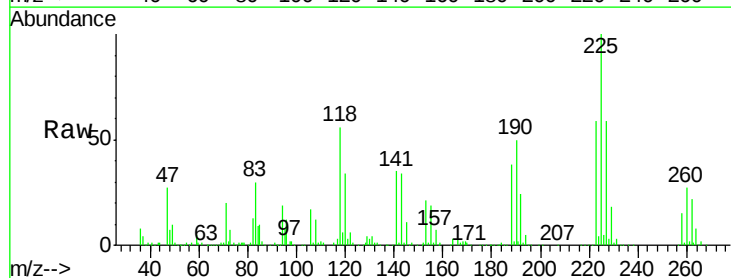
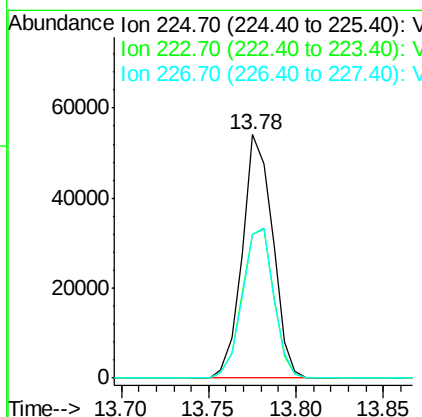
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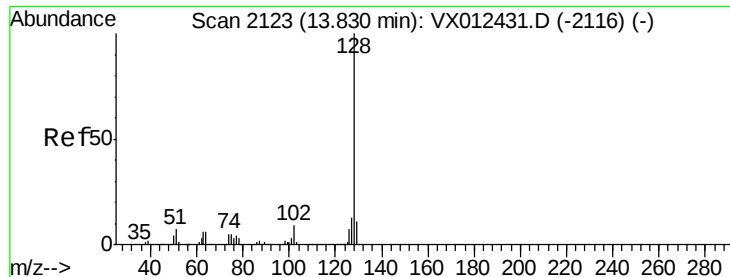
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#94
 Hexachlorobutadiene
 Concen: 49.679 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012662.D
 Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65590		
223	63.7	32.0	96.2	
227	63.4	31.9	95.5	





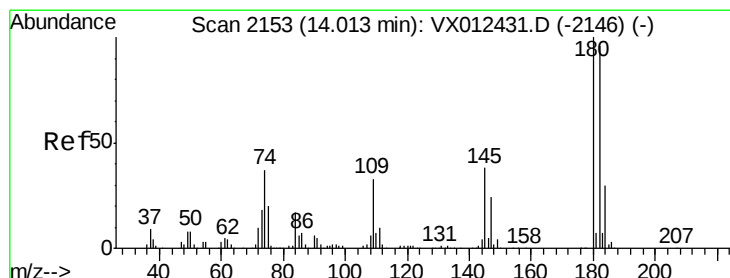
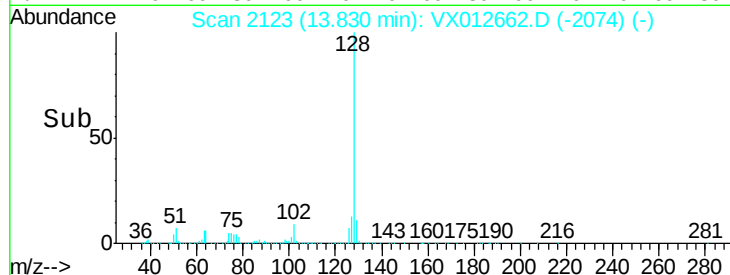
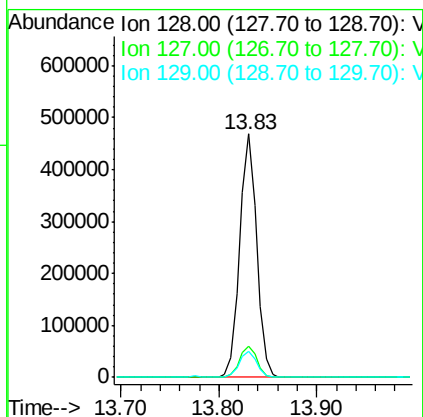
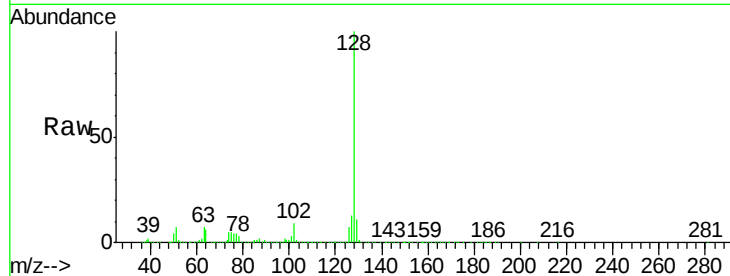
#95
Naphthalene
Concen: 51.046 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.310 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012662.D
Acq: 25 Sep 2019 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.1	141.3
145	36.7	18.0	54.0

