

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010446.D
 Acq On : 25 Jun 2019 20:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:49:17 AM

Quant Time: Jun 26 02:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116604	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	5.50	113	115645	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	8.71	98	439370	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	156537	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	82070	46.684	ug/l	98
3) Chloromethane	1.32	50	91134	44.519	ug/l	100
4) Vinyl Chloride	1.41	62	104558	46.633	ug/l	99
5) Bromomethane	1.64	94	49483	45.300	ug/l	98
6) Chloroethane	1.71	64	66676	50.404	ug/l	97
7) Trichlorofluoromethane	1.92	101	177652	49.982	ug/l	100
8) Diethyl Ether	2.19	74	64596	50.678	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105451	48.957	ug/l	99
10) Methyl Iodide	2.51	142	141069	45.891	ug/l	99
11) Tert butyl alcohol	3.06	59	151297	243.880	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104949	47.883	ug/l	99
13) Acrolein	2.29	56	94650	229.989	ug/l	99
14) Allyl chloride	2.73	41	153924	49.466	ug/l	100
15) Acrylonitrile	3.14	53	315829	257.133	ug/l	99
16) Acetone	2.45	43	268159	225.685	ug/l	97
17) Carbon Disulfide	2.57	76	257419	43.777	ug/l	99
18) Methyl Acetate	2.78	43	122008	51.520	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349970	50.756	ug/l	97
20) Methylene Chloride	2.85	84	121556	49.711	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	114589	48.611	ug/l	99
22) Diisopropyl ether	3.86	45	329021	50.573	ug/l	88
23) Vinyl Acetate	3.82	43	1461900	260.109	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188766	50.196	ug/l	99
25) 2-Butanone	4.67	43	434164	249.099	ug/l	99
26) 2,2-Dichloropropane	4.58	77	142737	43.693	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	134889	49.518	ug/l	99
28) Bromochloromethane	5.02	49	86955	48.362	ug/l	98
29) Tetrahydrofuran	5.13	42	279674	259.056	ug/l	99
30) Chloroform	5.21	83	204345	50.503	ug/l	97
31) Cyclohexane	5.58	56	168279	49.139	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	179070	50.121	ug/l	100
36) 1,1-Dichloropropene	5.80	75	145454	47.613	ug/l	99
37) Ethyl Acetate	4.84	43	161101	51.261	ug/l	100
38) Carbon Tetrachloride	5.79	117	162371	49.083	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188801	47.017	ug/l	98
40) Benzene	6.14	78	468535	49.229	ug/l	99
41) Methacrylonitrile	5.04	41	87452	50.715	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148044	51.100	ug/l	100
43) Isopropyl Acetate	6.45	43	264240	50.819	ug/l	99
44) Trichloroethene	7.21	130	137147	48.158	ug/l	96
45) 1,2-Dichloropropane	7.51	63	119103	49.555	ug/l	100
46) Dibromomethane	7.66	93	86196	49.986	ug/l	98
47) Bromodichloromethane	7.90	83	158399	50.123	ug/l	99
48) Methyl methacrylate	7.77	41	124330	51.442	ug/l	100
49) 1,4-Dioxane	7.74	88	67627	971.320	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	863882	259.775	ug/l	99
52) Toluene	8.79	92	307676	49.090	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173045	48.841	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190562	49.494	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130354	50.429	ug/l	99
56) Ethyl methacrylate	9.18	69	198589	50.715	ug/l	98
57) 1,3-Dichloropropane	9.37	76	200586	49.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	472606	254.129	ug/l	100
59) 2-Hexanone	9.49	43	659020	251.795	ug/l	99
60) Dibromochloromethane	9.58	129	143603	49.617	ug/l	99
61) 1,2-Dibromoethane	9.67	107	139942	50.157	ug/l	99
64) Tetrachloroethene	9.34	164	137867	48.481	ug/l	99
65) Chlorobenzene	10.13	112	348656	48.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	131196	50.460	ug/l	99
67) Ethyl Benzene	10.25	91	594798	49.359	ug/l	100
68) m/p-Xylenes	10.36	106	461997	98.945	ug/l	100
69) o-Xylene	10.69	106	229503	49.981	ug/l	98
70) Styrene	10.71	104	391144	50.794	ug/l	99
71) Bromoform	10.85	173	112069	49.565	ug/l #	99
73) Isopropylbenzene	11.02	105	603924	49.583	ug/l	99
74) N-amyl acetate	10.90	43	237603	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203227	50.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163864m	50.046	ug/l	
77) Bromobenzene	11.26	156	165025	48.522	ug/l	100
78) n-propylbenzene	11.36	91	665650	49.725	ug/l	100
79) 2-Chlorotoluene	11.42	91	392953	49.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	503385	50.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64327	45.833	ug/l	97
82) 4-Chlorotoluene	11.51	91	453107	49.954	ug/l	100
83) tert-Butylbenzene	11.77	119	495789	49.195	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508686	50.424	ug/l	100
85) sec-Butylbenzene	11.94	105	594344	50.228	ug/l	100
86) p-Isopropyltoluene	12.06	119	541416	49.466	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289631	48.786	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	283531	46.912	ug/l	99
89) n-Butylbenzene	12.38	91	463619	49.848	ug/l	99
90) Hexachloroethane	12.60	117	93187	49.238	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	285077	48.315	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41225	47.402	ug/l	97

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QLast Update : Thu Jun 20 03:31:56 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	197994	48.388	ug/l	99
94) Hexachlorobutadiene	13.78	225	96672	48.341	ug/l	99
95) Naphthalene	13.83	128	634336	50.447	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	202572	49.793	ug/l	99

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

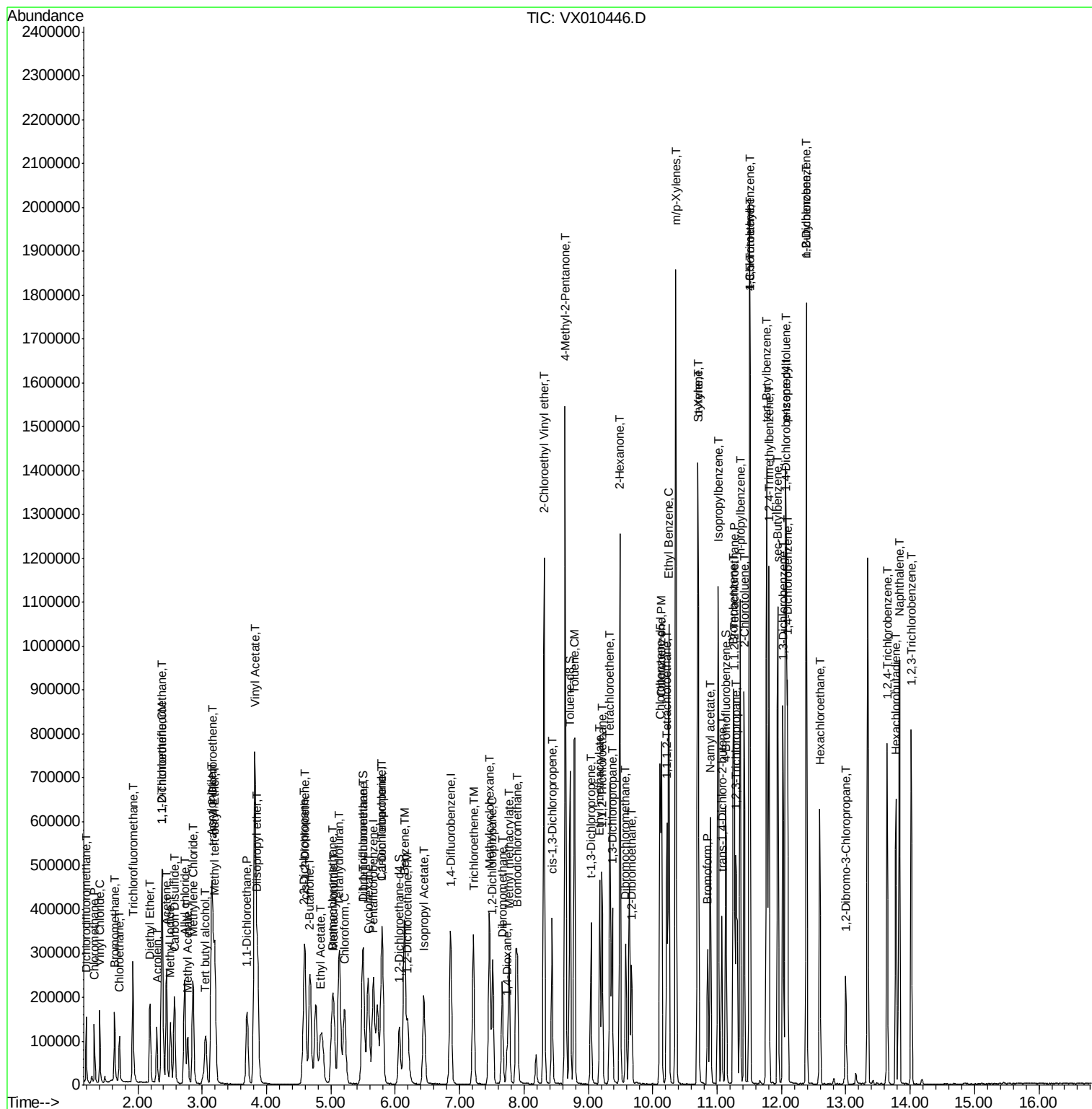
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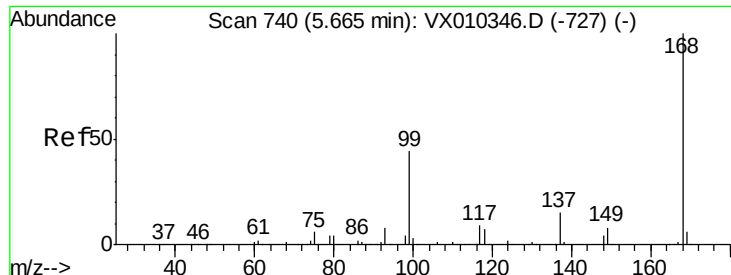
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 252864

Ion Ratio Lower Upper

168 100

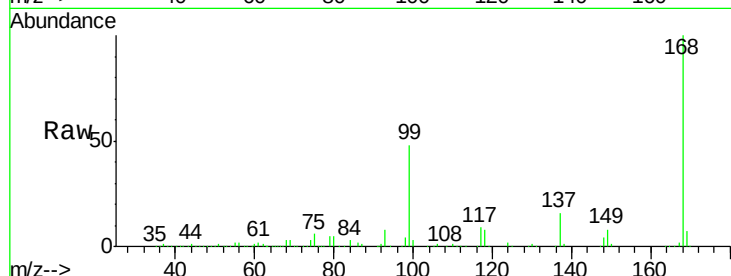
99 47.8 35.5 53.3

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

5.66

80000

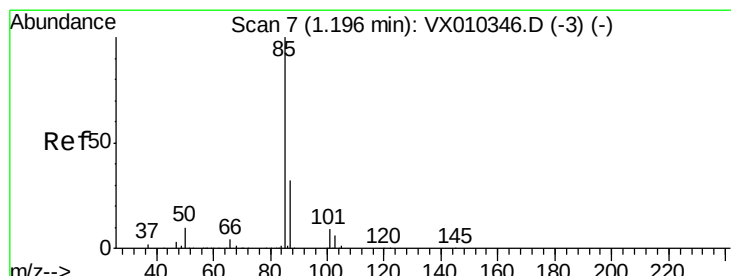
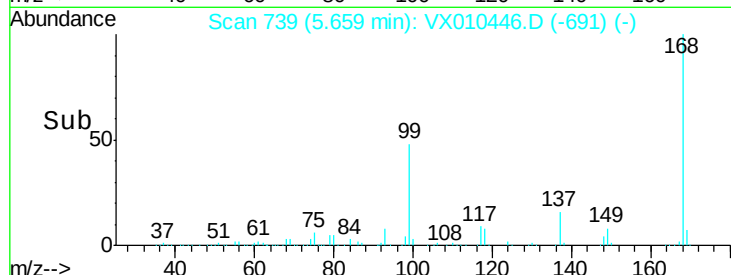
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.684 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010446.D

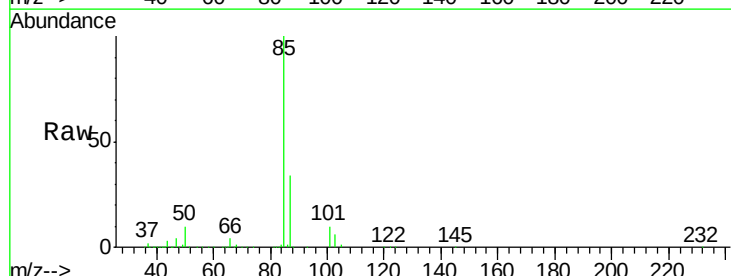
Acq: 25 Jun 2019 20:12

Tgt Ion: 85 Resp: 82070

Ion Ratio Lower Upper

85 100

87 33.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

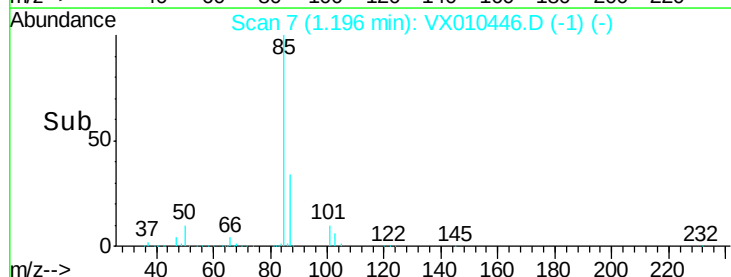
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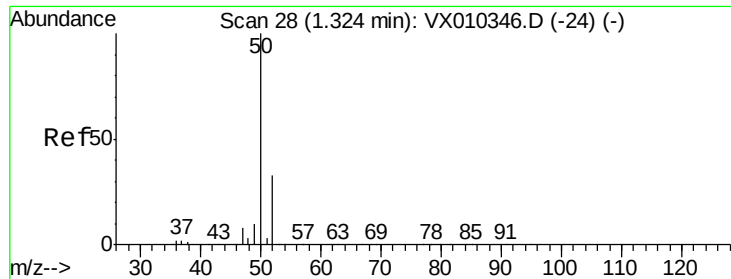
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.519 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 91134

Ion Ratio Lower Upper

50 100

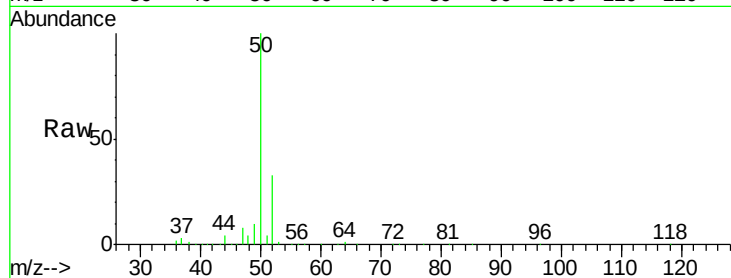
52 33.3 26.5 39.7

Manual Integrations

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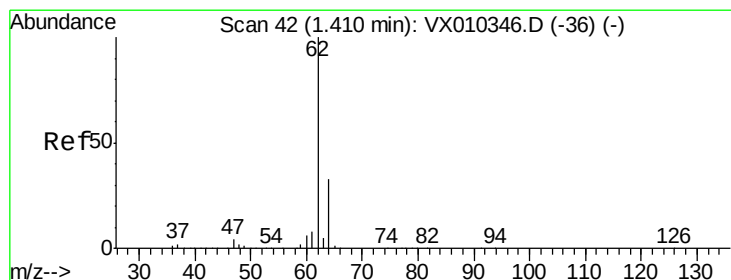
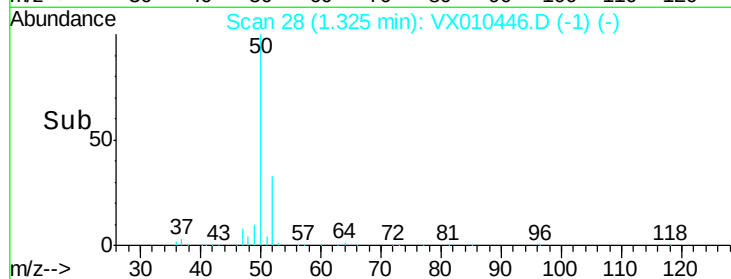
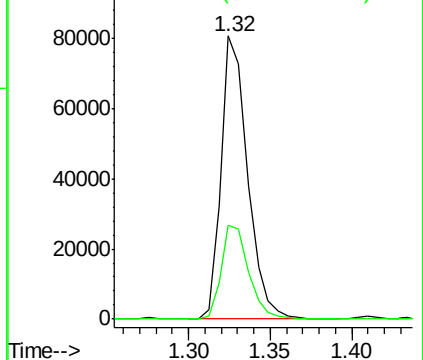
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.633 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010446.D

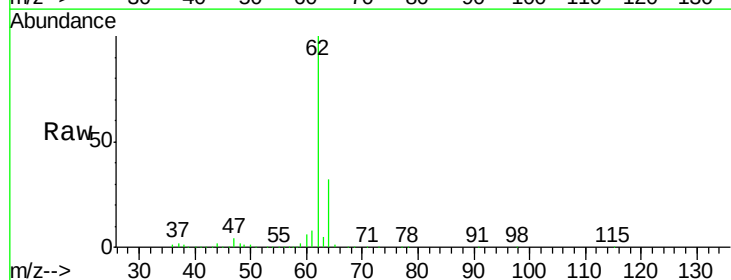
Acq: 25 Jun 2019 20:12

Tgt Ion: 62 Resp: 104558

Ion Ratio Lower Upper

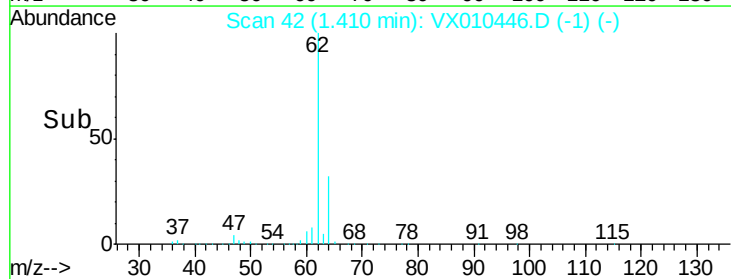
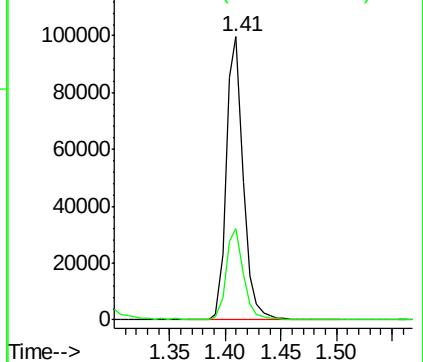
62 100

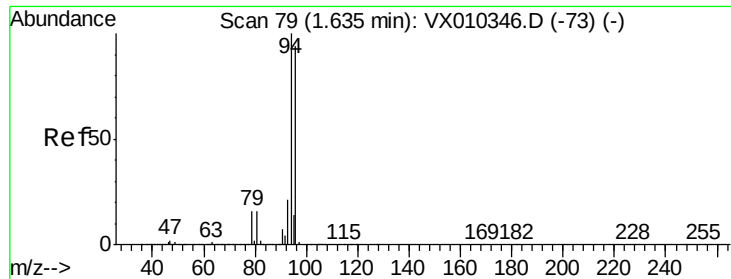
64 32.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.300 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 49483

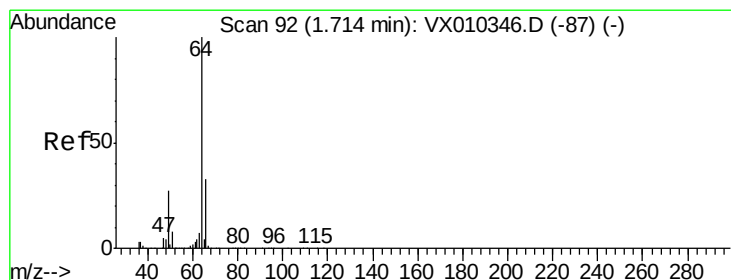
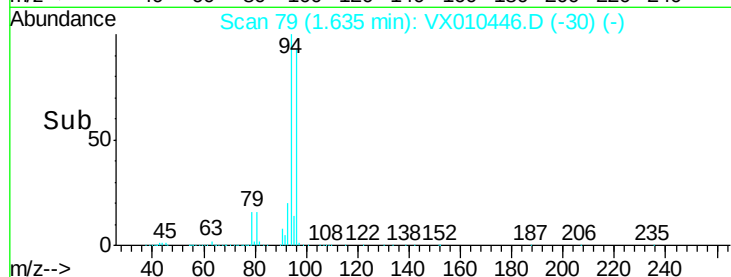
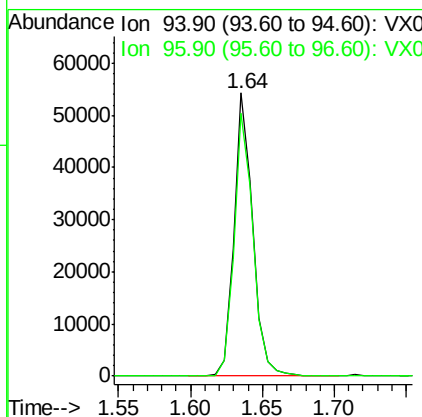
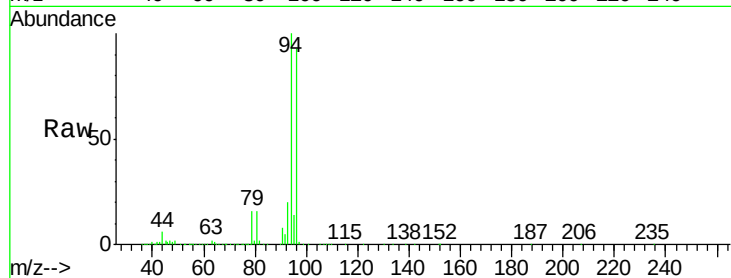
Ion Ratio Lower Upper

94 100

96 92.8 75.5 113.3

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#6

Chloroethane

Concen: 50.404 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010446.D

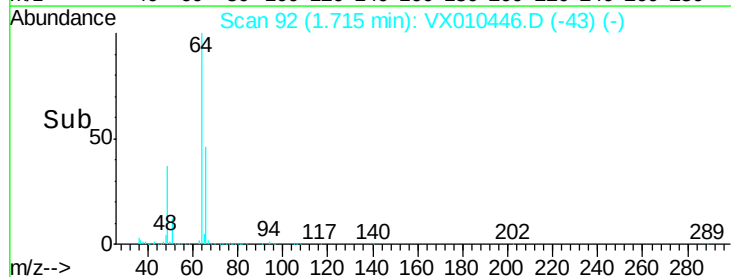
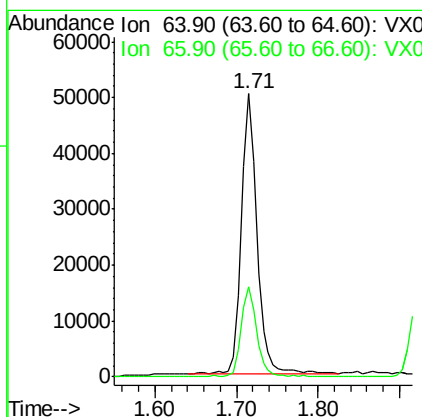
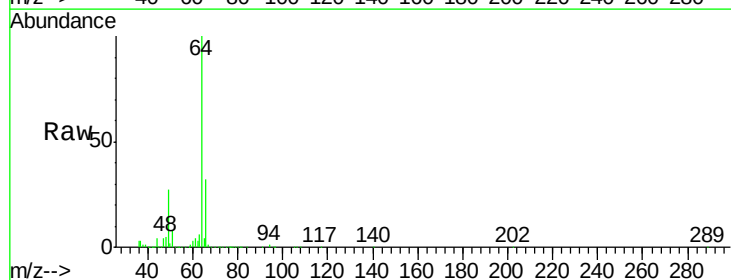
Acq: 25 Jun 2019 20:12

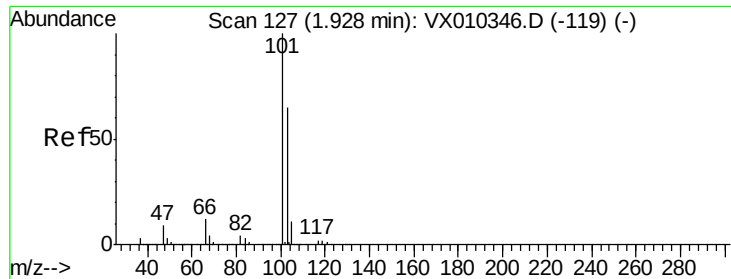
Tgt Ion: 64 Resp: 66676

Ion Ratio Lower Upper

64 100

66 31.6 26.6 40.0





#7

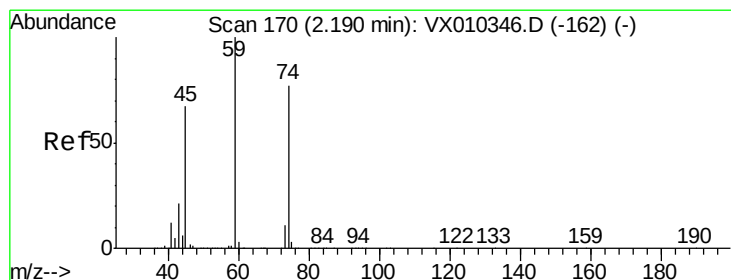
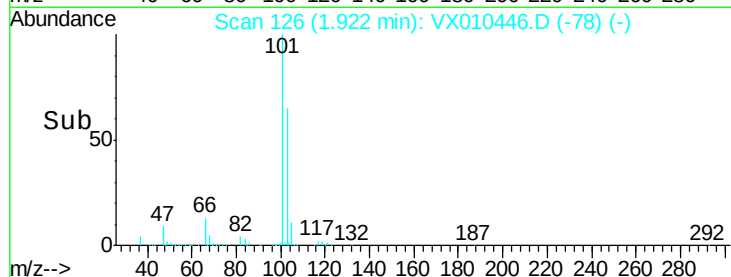
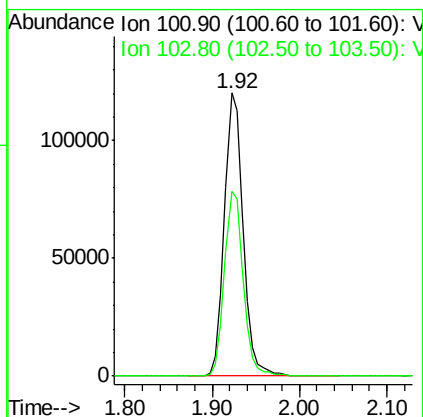
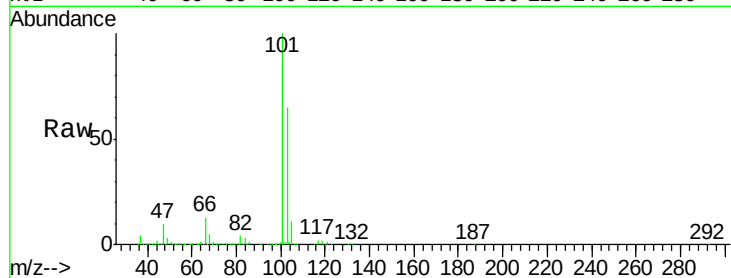
Trichlorofluoromethane
Concen: 49.982 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

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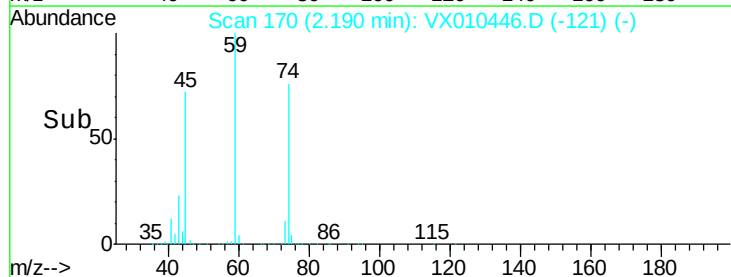
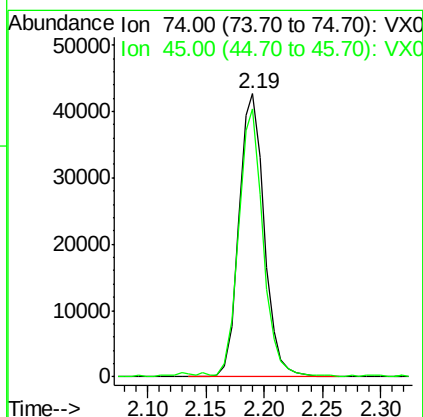
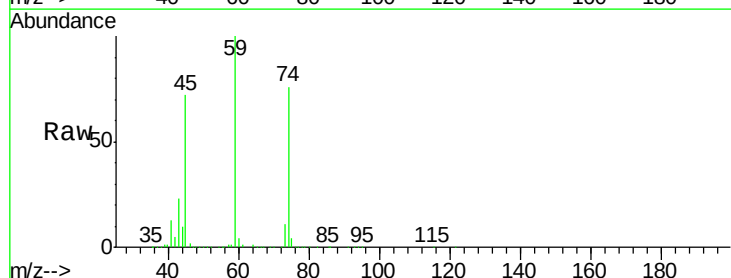
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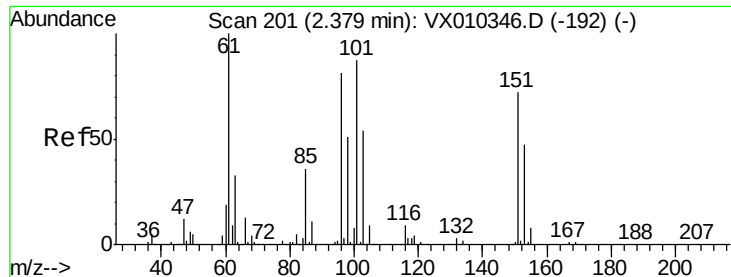


#8

Diethyl Ether
Concen: 50.678 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.957 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

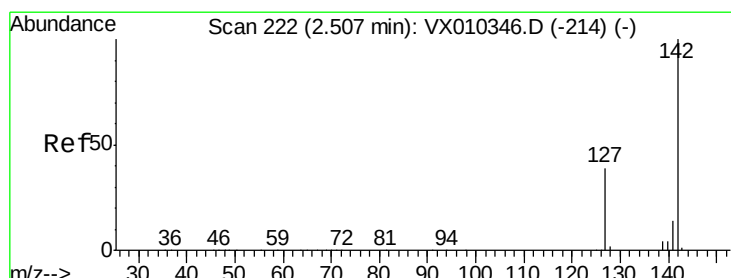
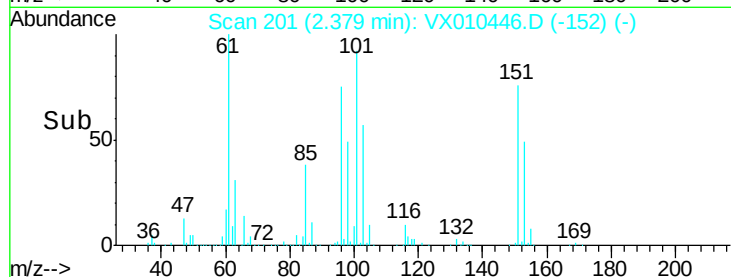
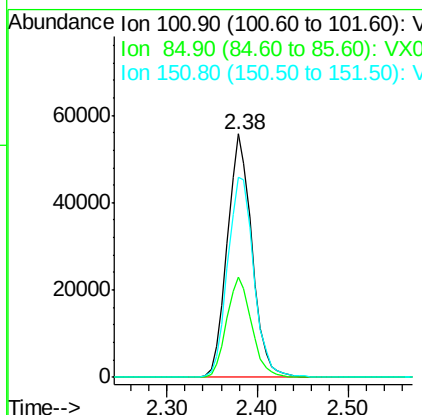
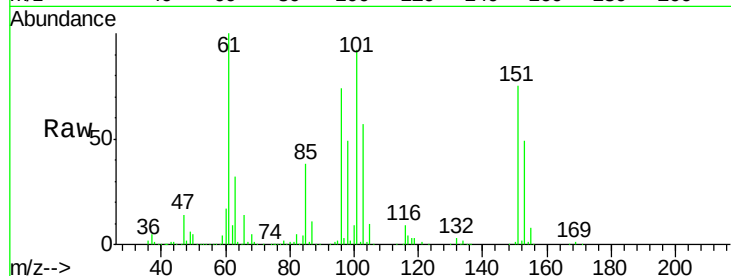
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105451
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	86.9	70.1	105.1

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#10

Methyl Iodide

Concen: 45.891 ug/l

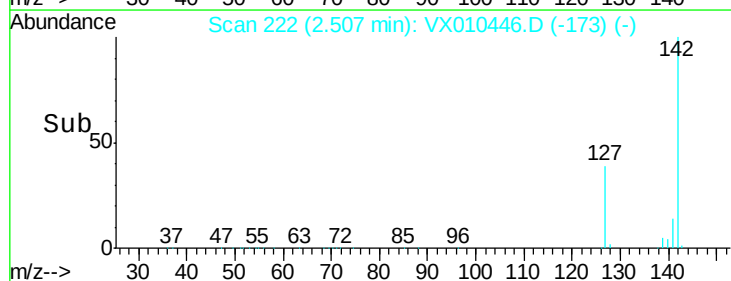
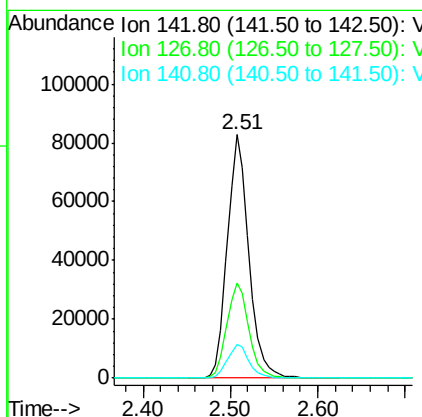
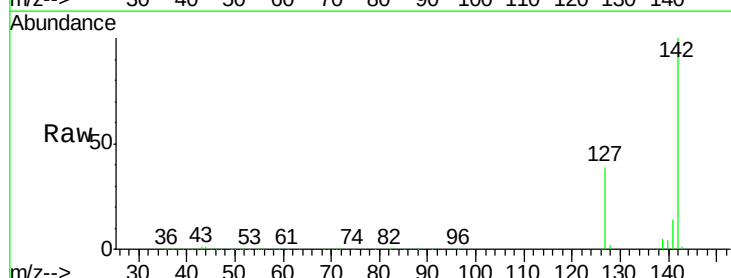
RT: 2.51 min Scan# 222

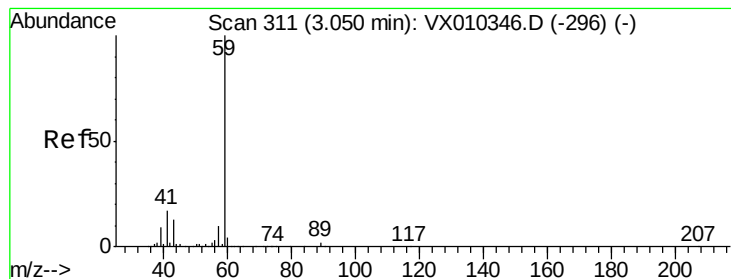
Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Tgt Ion:	142	Resp:	141069
Ion Ratio	Lower	Upper	
142	100		
127	40.0	31.1	46.7
141	14.0	11.2	16.8





#11

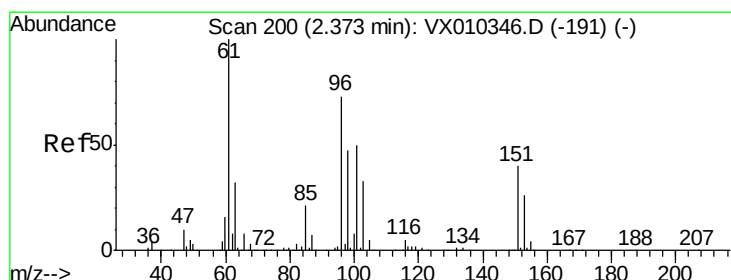
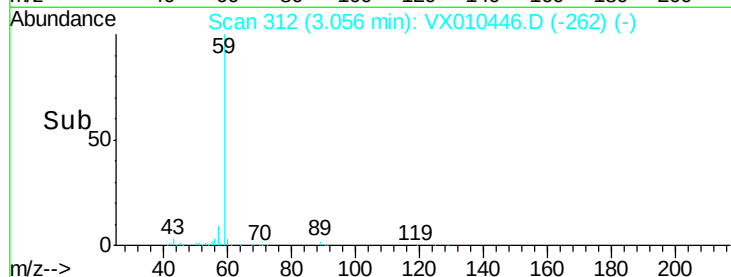
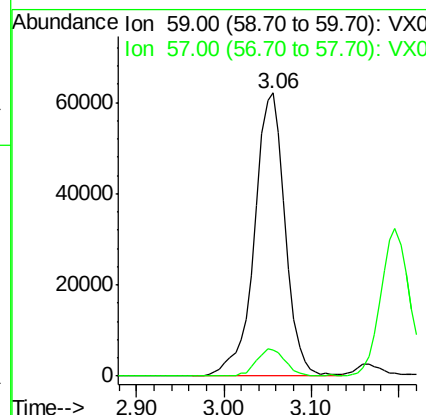
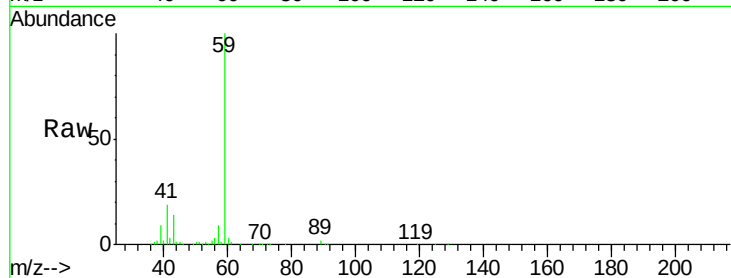
Tert butyl alcohol
Concen: 243.880 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	151297
Ion Ratio	100	Lower	Upper
57	9.2	7.7	11.5

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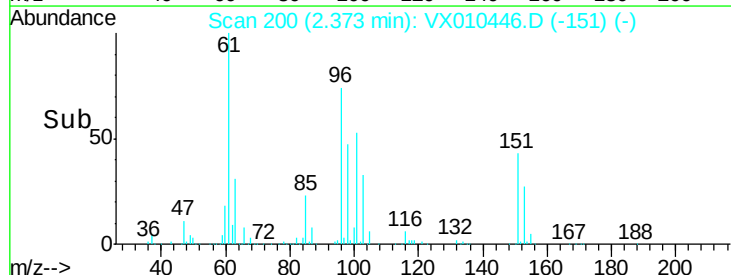
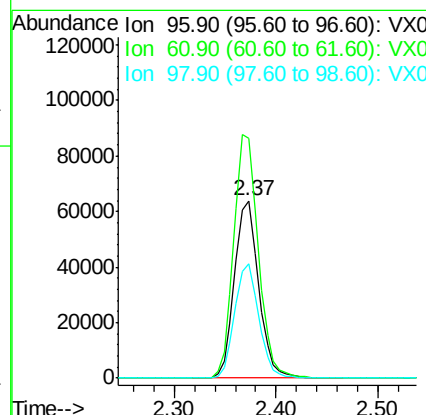
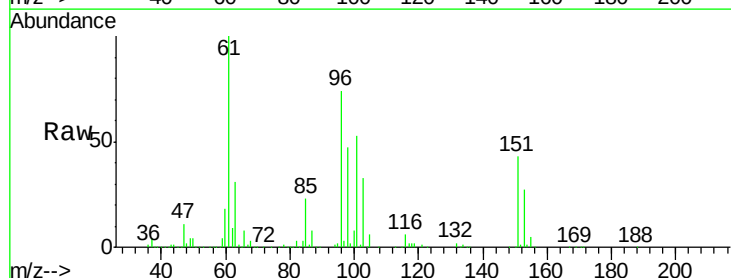
MMDadoda
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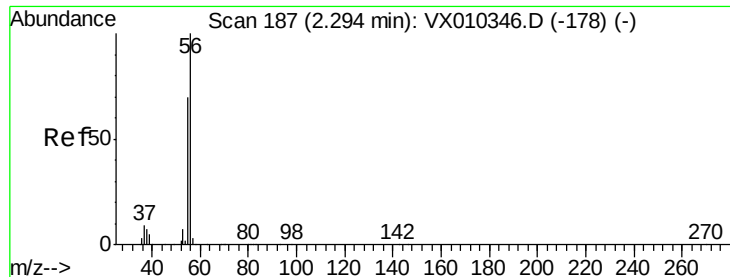


#12

1,1-Dichloroethene
Concen: 47.883 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	96	Resp	104949
Ion Ratio	100	Lower	Upper
61	135.3	109.2	163.8
98	64.2	51.1	76.7





#13

Acrolein

Concen: 229.989 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94650

Ion Ratio Lower Upper

56 100

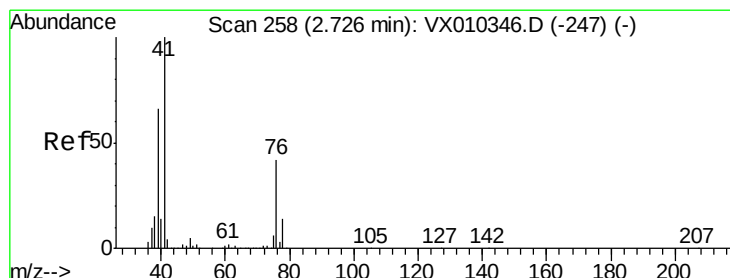
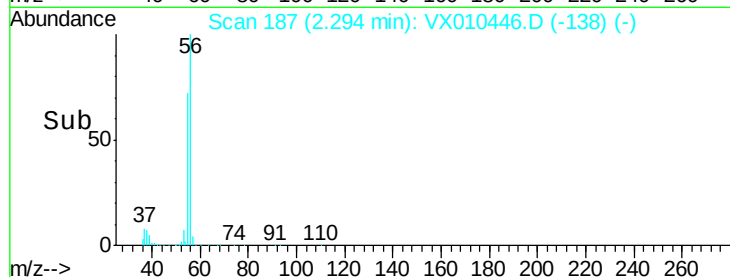
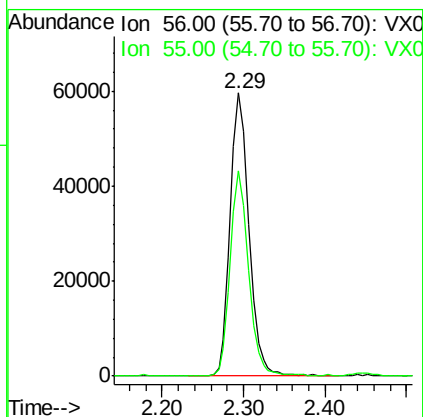
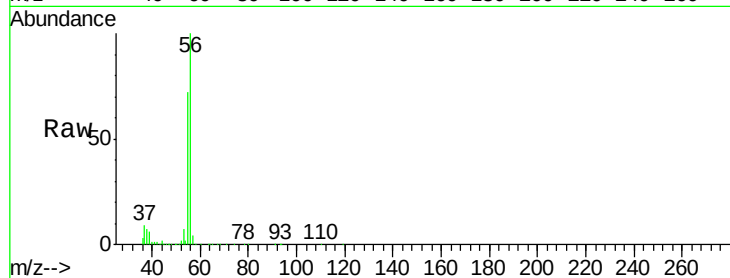
55 70.4 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 49.466 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

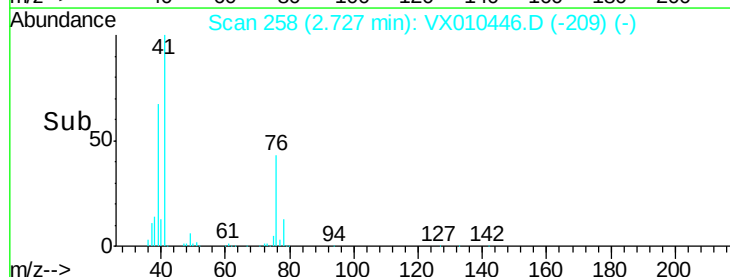
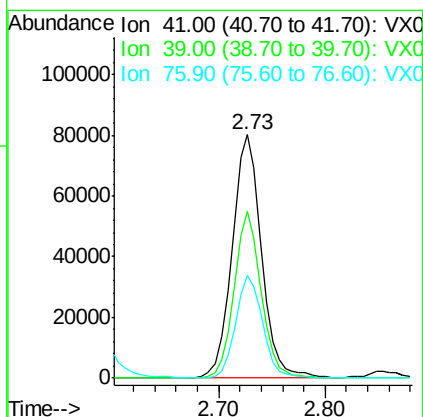
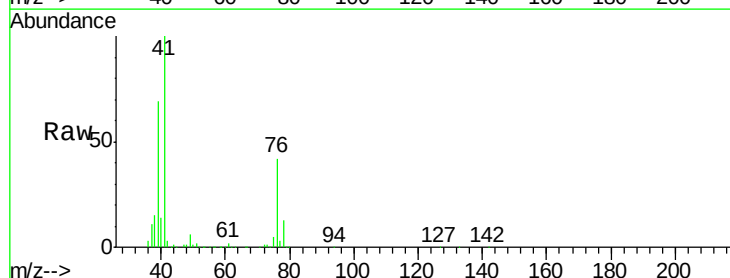
Tgt Ion: 41 Resp: 153924

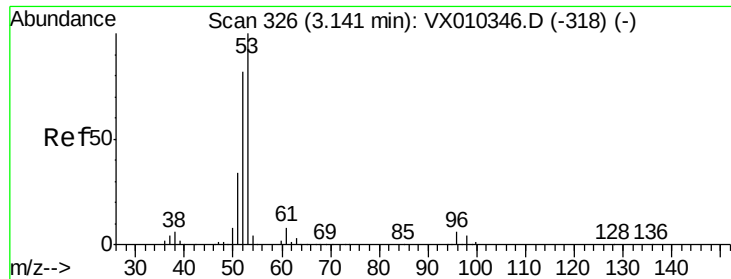
Ion Ratio Lower Upper

41 100

39 63.2 50.3 75.5

76 39.1 31.3 46.9





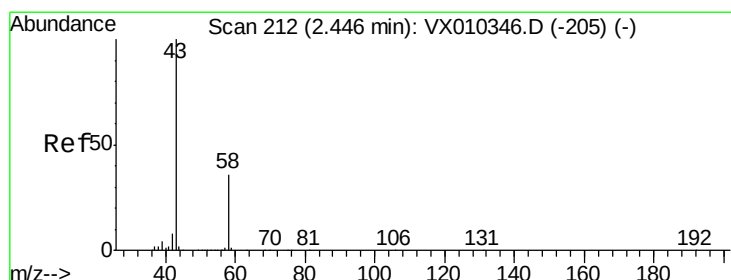
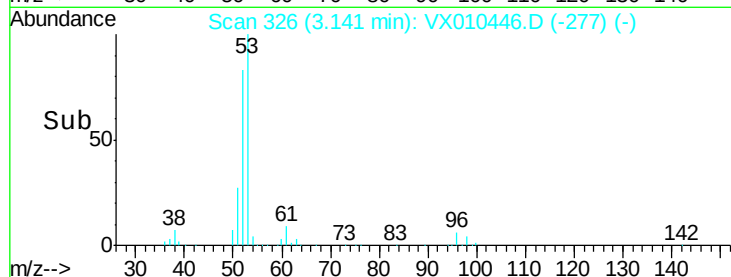
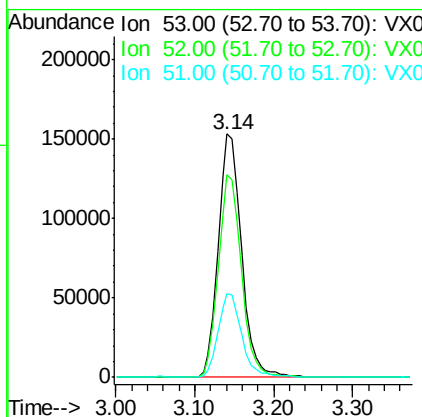
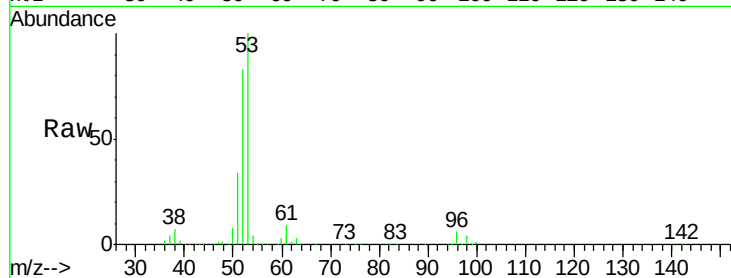
#15
 Acrylonitrile
 Concen: 257.133 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	34.6	28.2	42.4

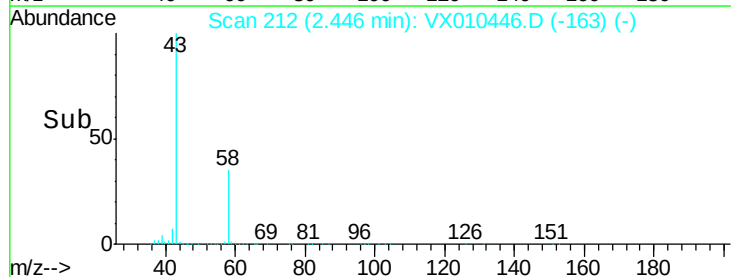
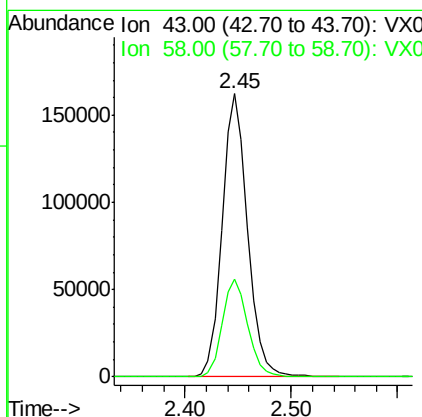
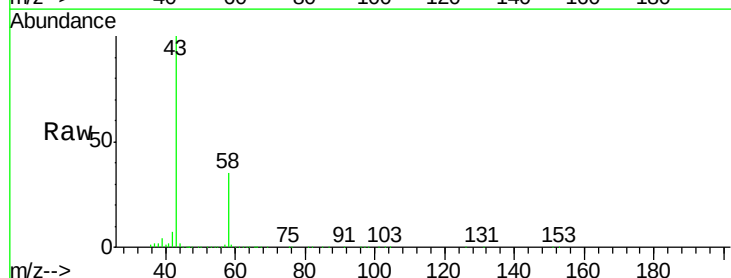
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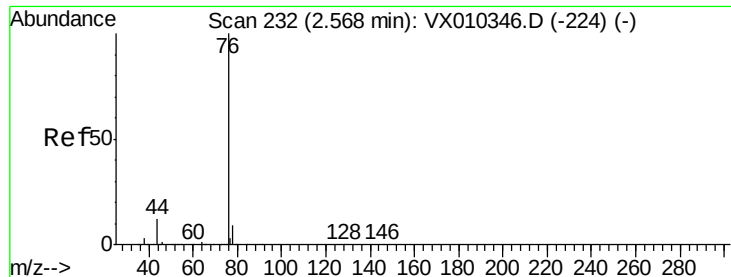
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#16
 Acetone
 Concen: 225.685 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.9	43.3





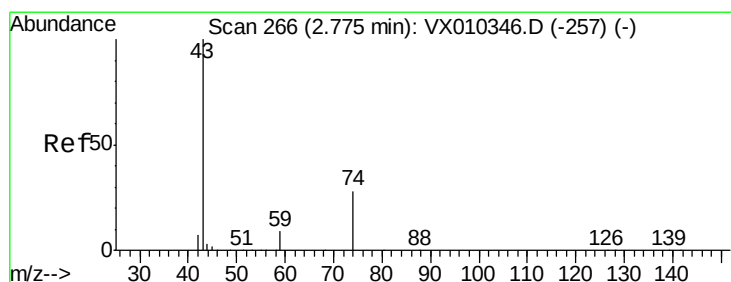
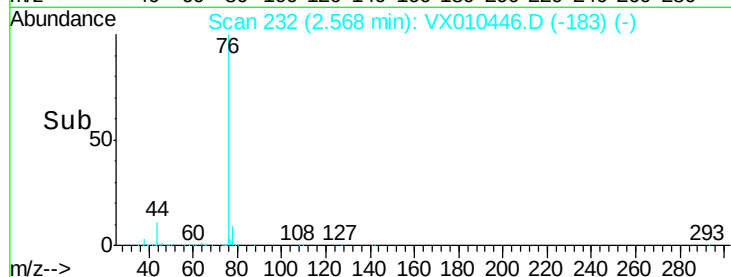
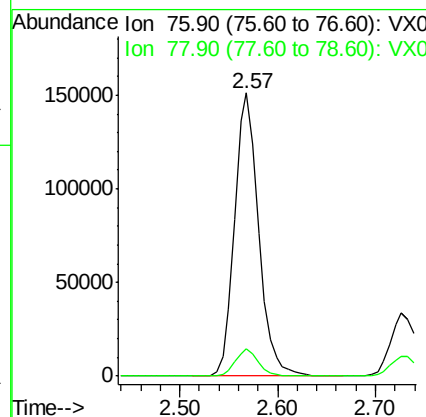
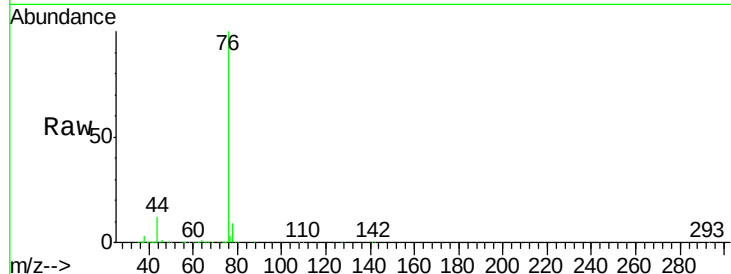
#17
Carbon Disulfide
Concen: 43.777 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

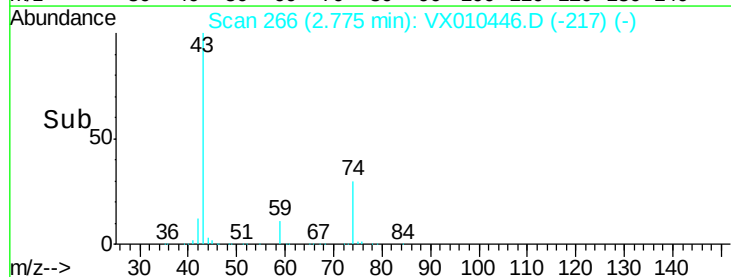
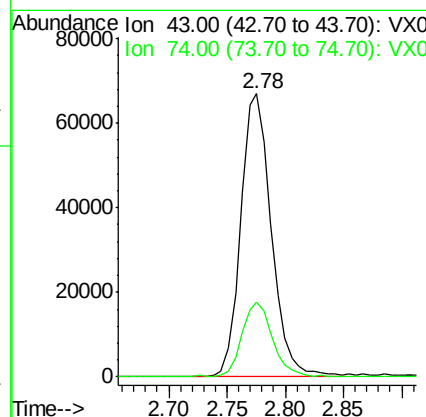
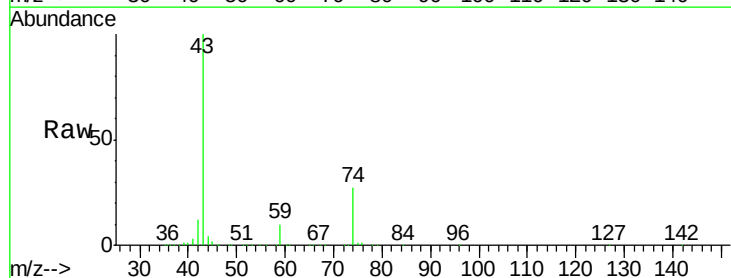
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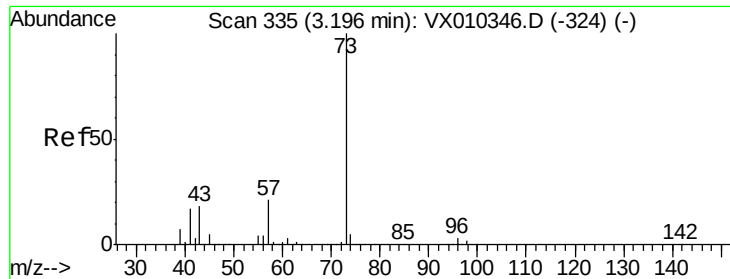
MMDadoda
6/26/2019 8:49:17 AM



#18
Methyl Acetate
Concen: 51.520 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.3	31.9





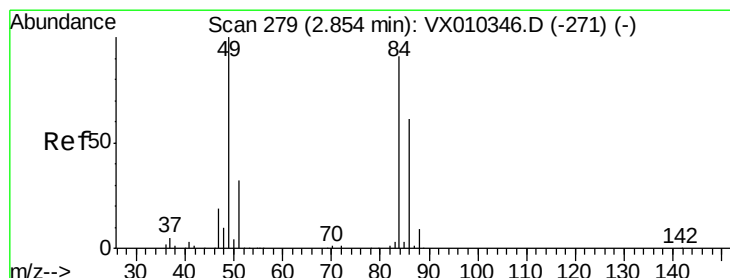
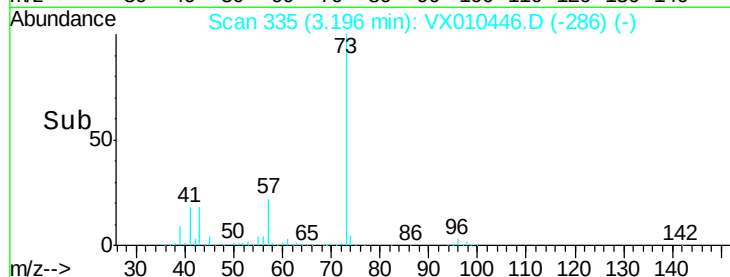
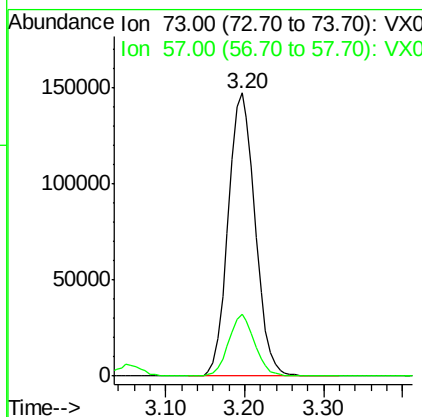
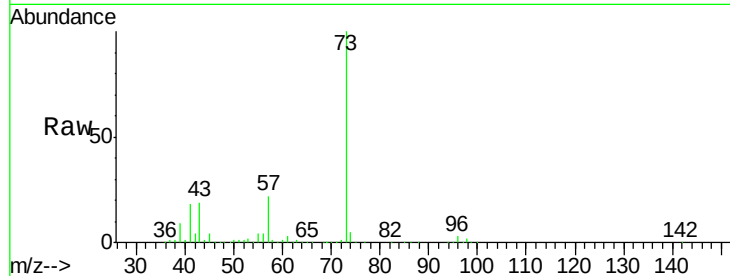
#19
Methyl tert-butyl Ether
Concen: 50.756 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 349970
Ion Ratio Lower Upper
73 100
57 21.9 16.4 24.6

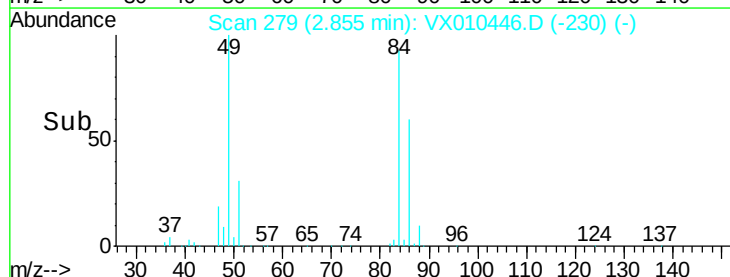
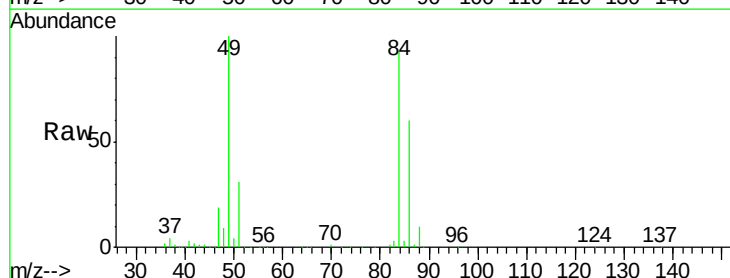
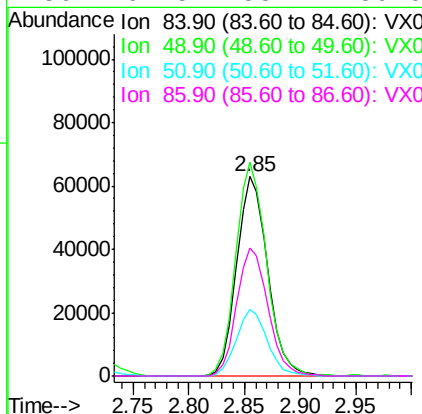
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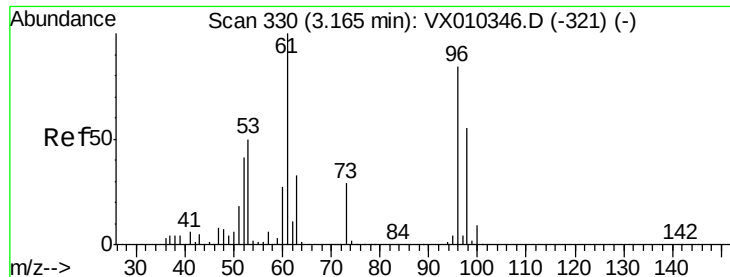
MMDadoda
6/26/2019 8:49:17 AM



#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion: 84 Resp: 121556
Ion Ratio Lower Upper
84 100
49 107.3 87.5 131.3
51 33.3 27.7 41.5
86 64.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 48.611 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 114589

Ion Ratio Lower Upper

96 100

61 120.6 95.6 143.4

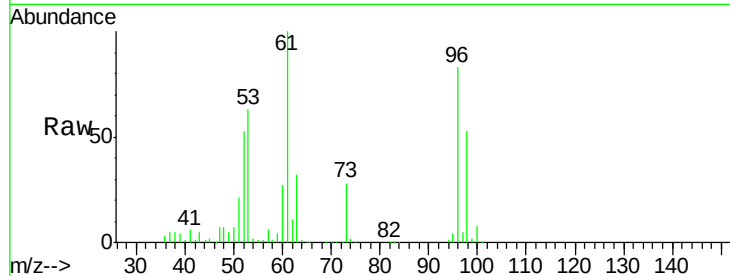
98 63.8 52.5 78.7

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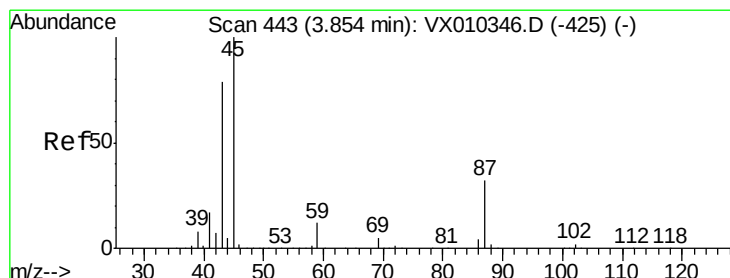
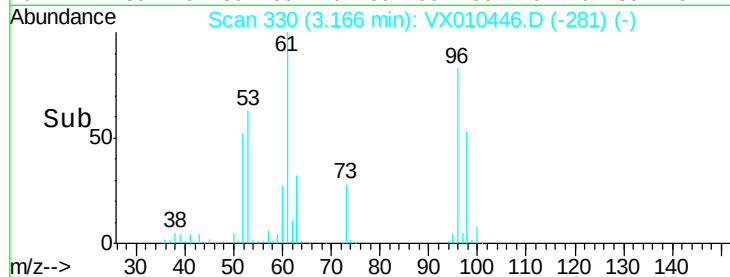
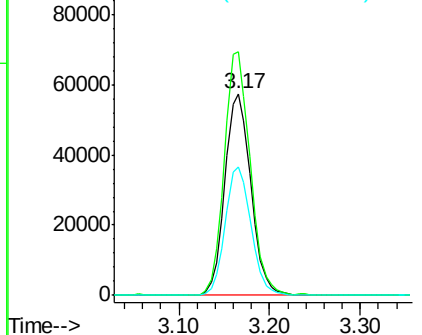
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.573 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Tgt Ion: 45 Resp: 329021

Ion Ratio Lower Upper

45 100

43 64.0 63.3 94.9

87 33.8 25.8 38.8

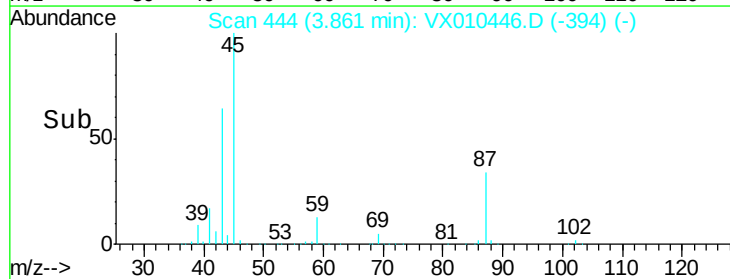
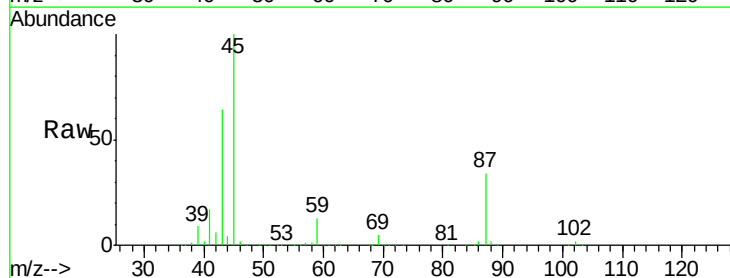
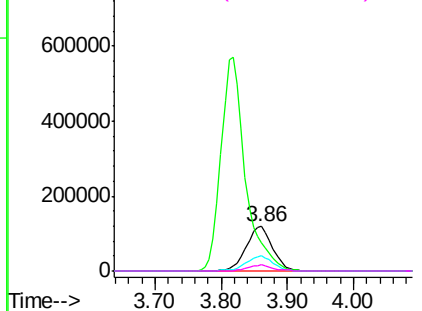
59 13.0 9.6 14.4

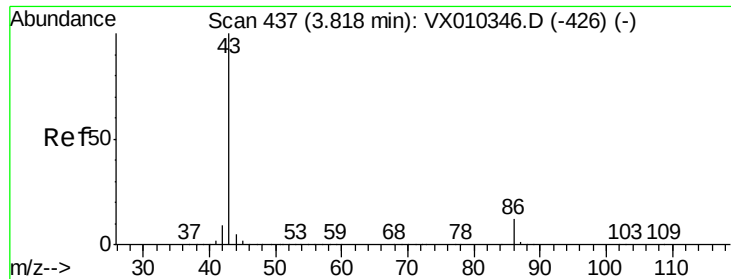
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.109 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1461900

Ion Ratio Lower Upper

43 100

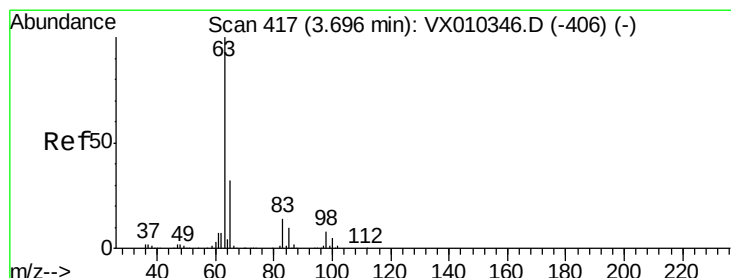
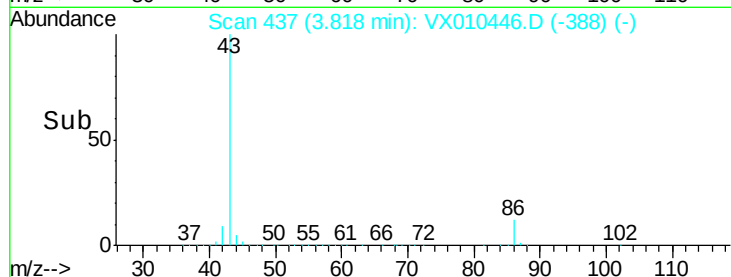
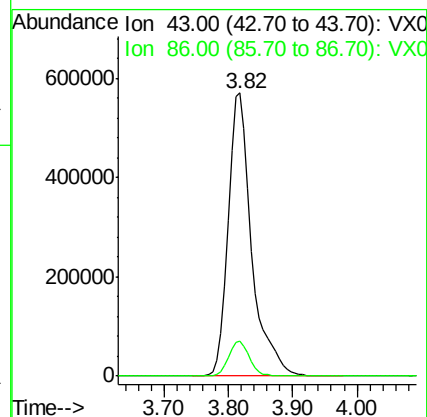
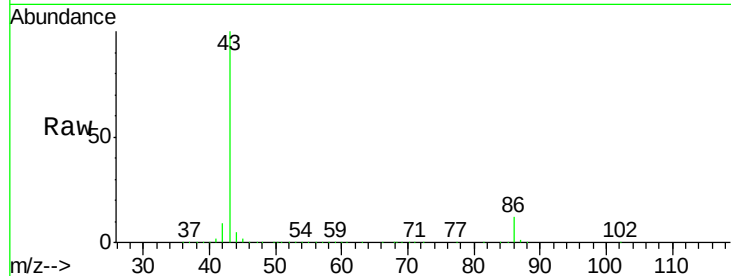
86 12.4 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.196 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

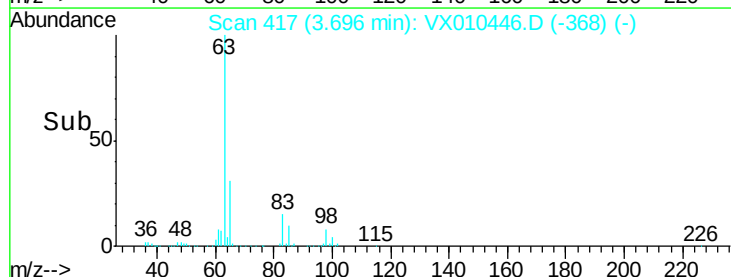
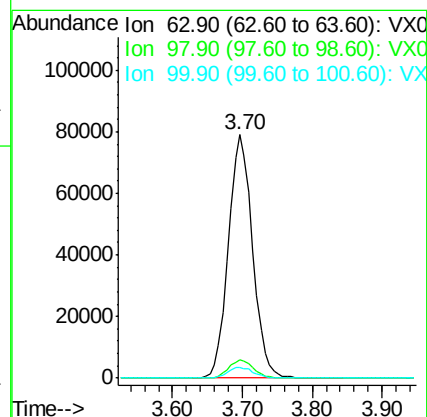
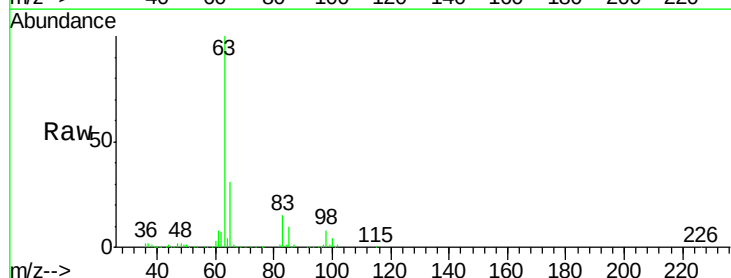
Tgt Ion: 63 Resp: 188766

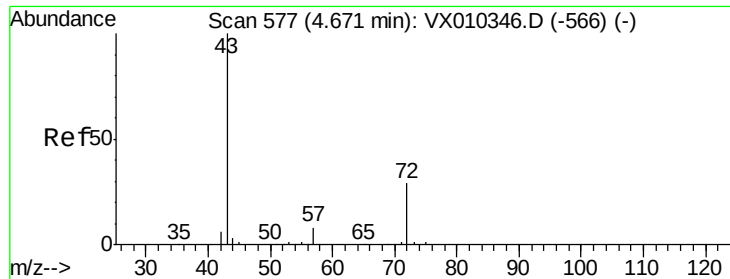
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 249.099 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 434164

Ion Ratio Lower Upper

43 100

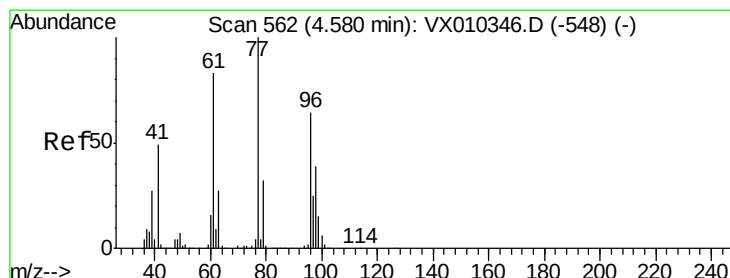
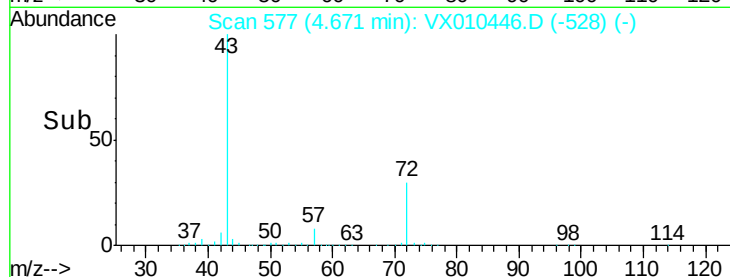
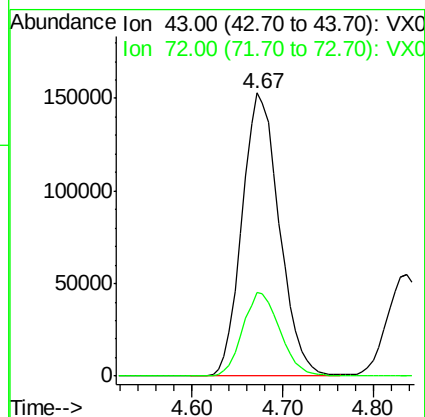
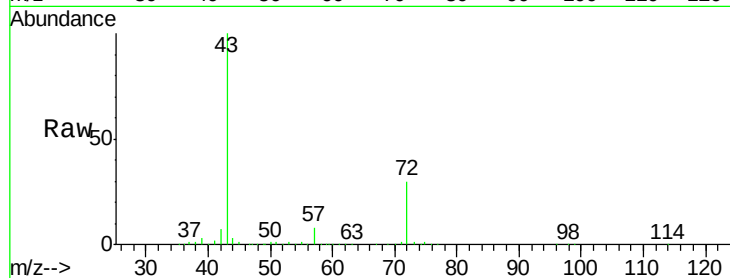
72 29.6 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.693 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010446.D

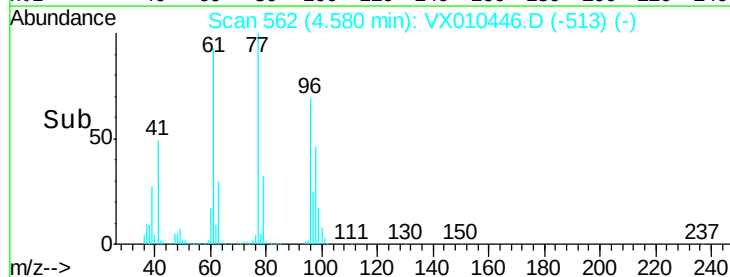
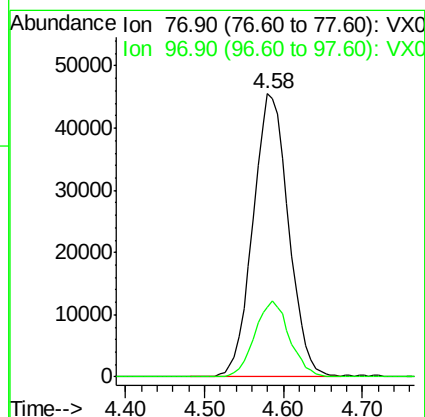
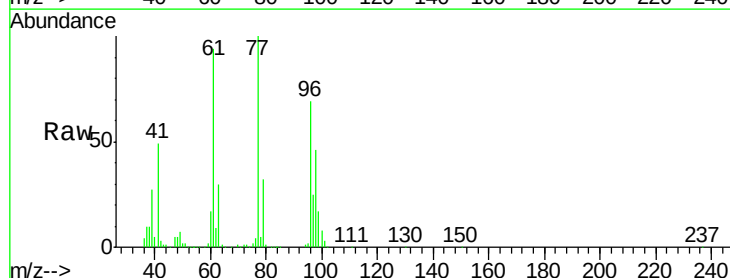
Acq: 25 Jun 2019 20:12

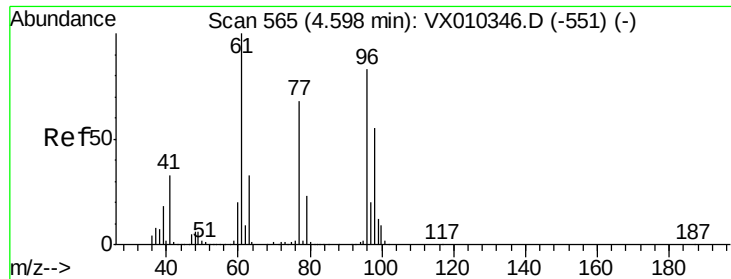
Tgt Ion: 77 Resp: 142737

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3





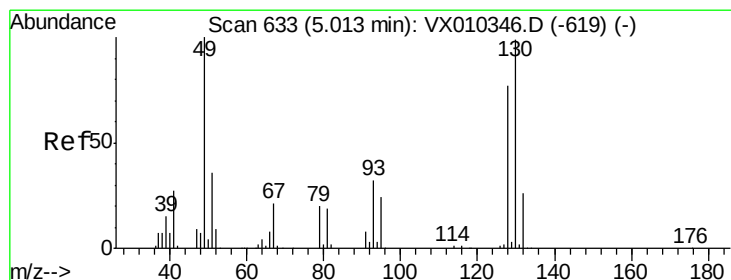
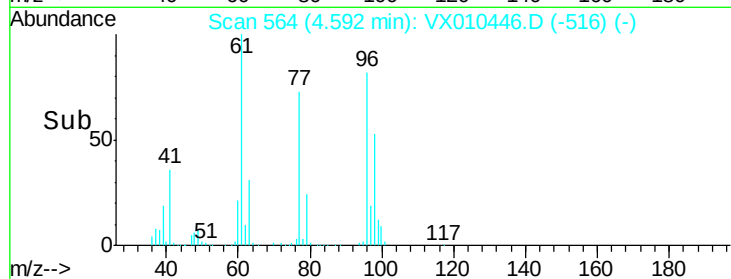
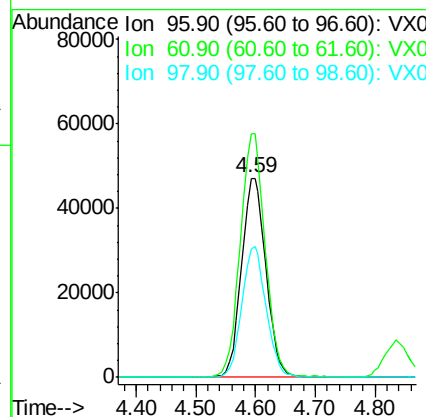
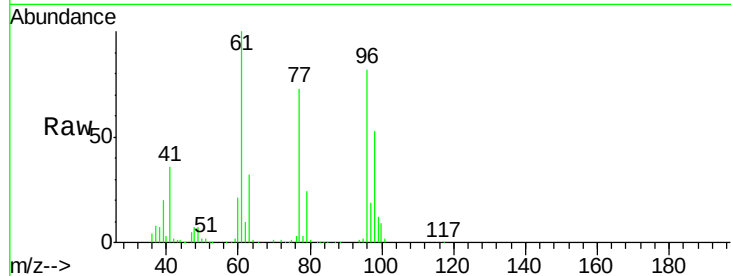
#27
 cis-1,2-Dichloroethene
 Concen: 49.518 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	134889		
61	124.5	0.0	251.8	
98	65.3	0.0	129.4	

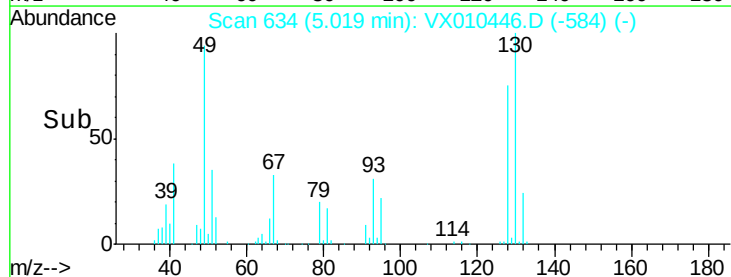
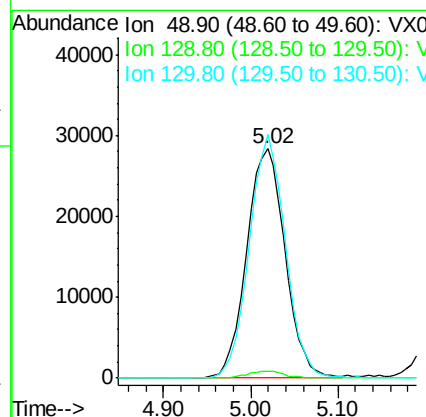
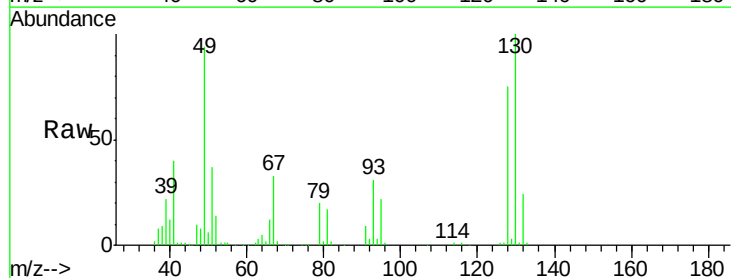
Manual Integrations
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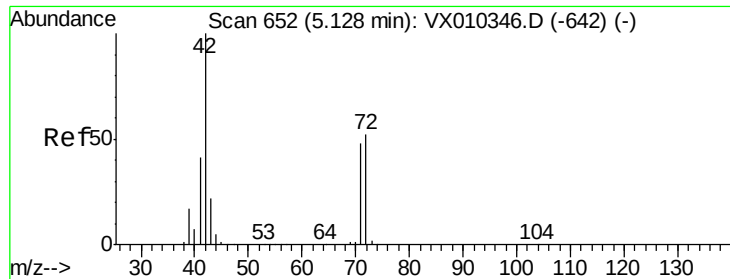
MMDadoda
 6/26/2019 8:49:17 AM



#28
 Bromochloromethane
 Concen: 48.362 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86955		
129	2.7	0.0	5.6	
130	99.3	81.4	122.0	





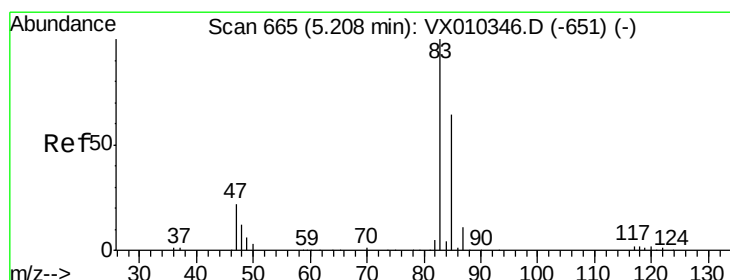
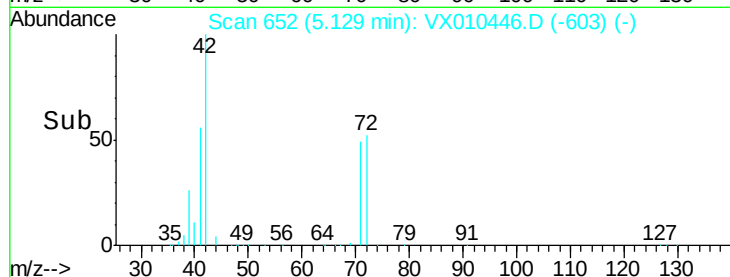
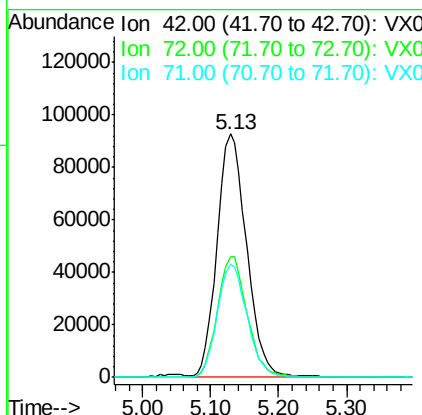
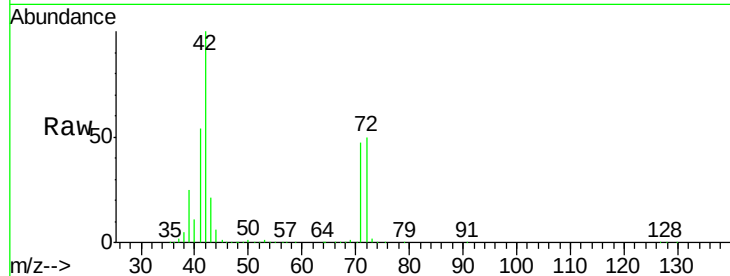
#29
Tetrahydrofuran
Concen: 259.056 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	40.6	60.8
71	46.9	37.8	56.8

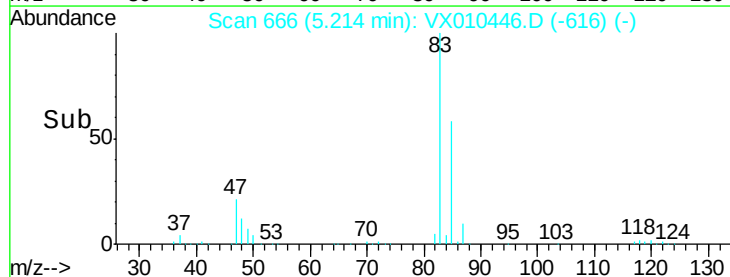
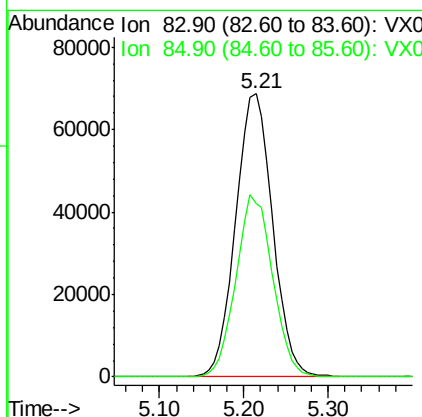
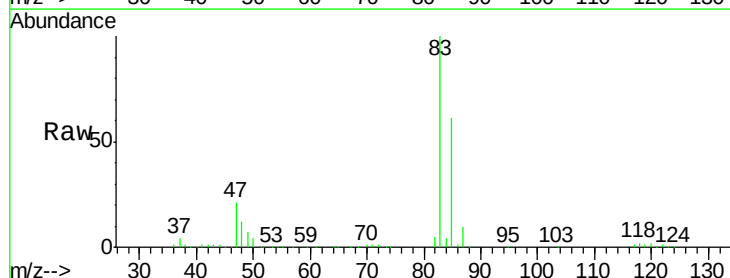
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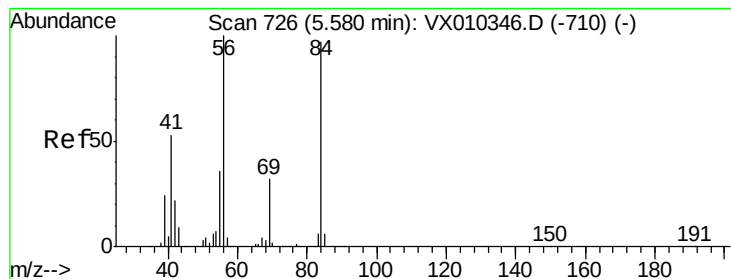
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#30
Chloroform
Concen: 50.503 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.9	76.3





#31

Cyclohexane

Concen: 49.139 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 168279

Ion Ratio Lower Upper

56 100

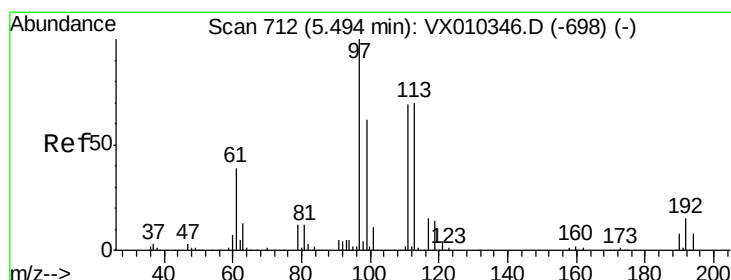
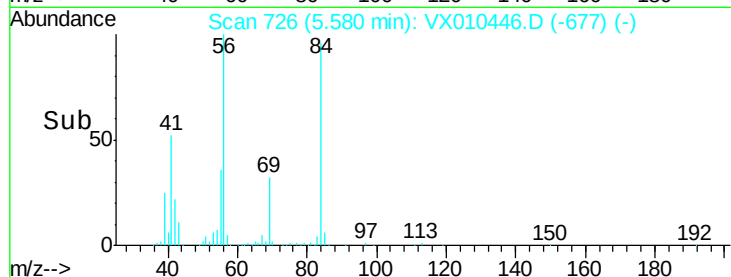
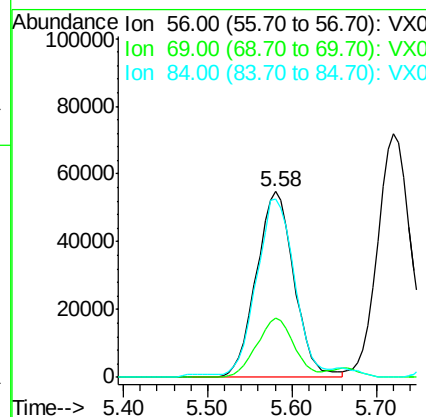
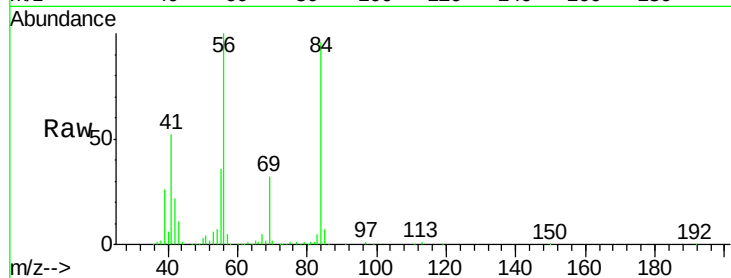
69 32.3 25.9 38.9

84 94.4 78.0 117.0

Manual Integrations
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6/26/2019 8:49:17 AM



#32

1,1,1-Trichloroethane

Concen: 50.121 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

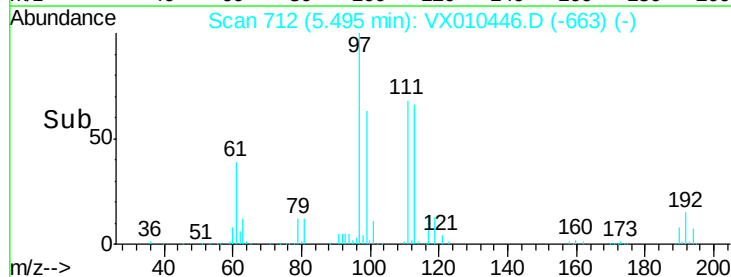
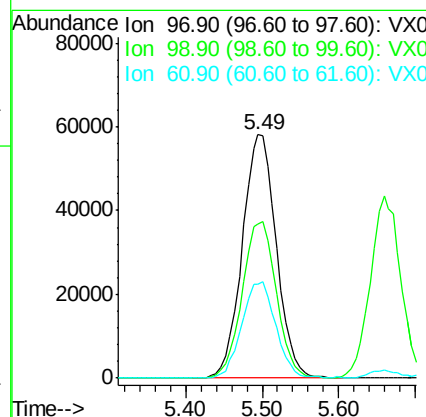
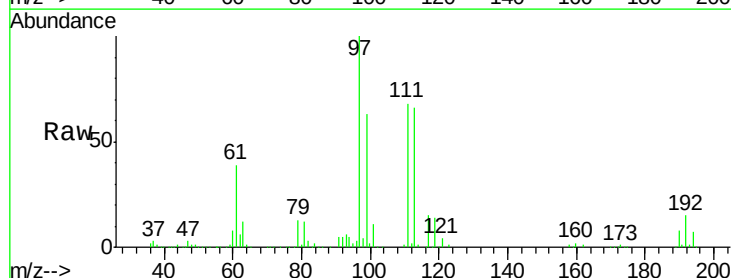
Tgt Ion: 97 Resp: 179070

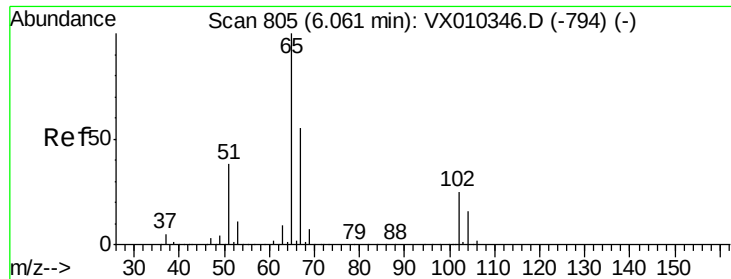
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 39.9 32.1 48.1





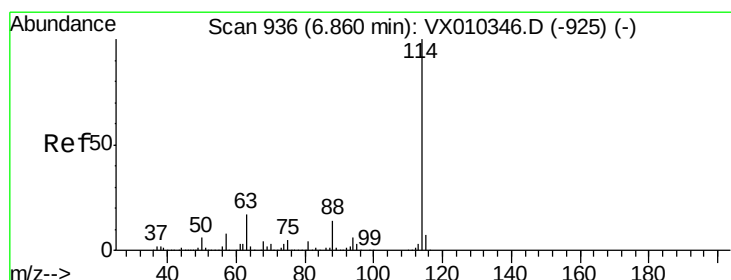
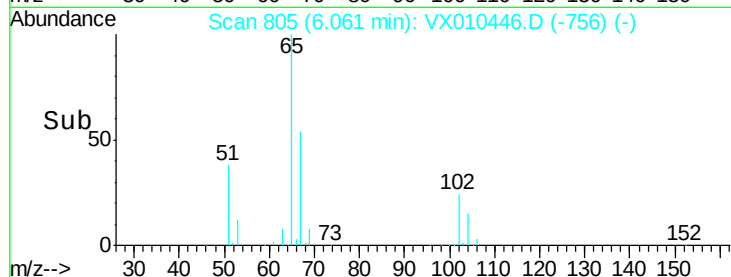
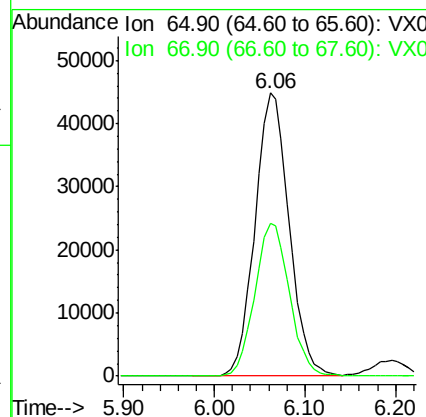
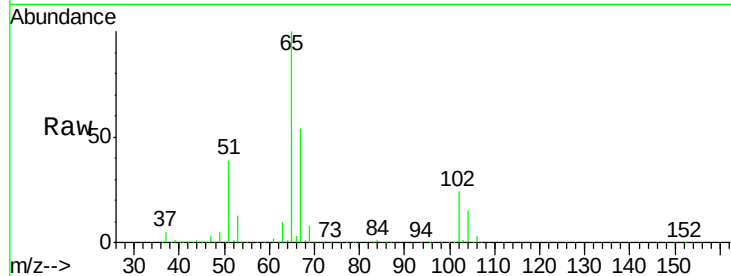
#33
 1,2-Dichloroethane-d4
 Concen: 49.182 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.2

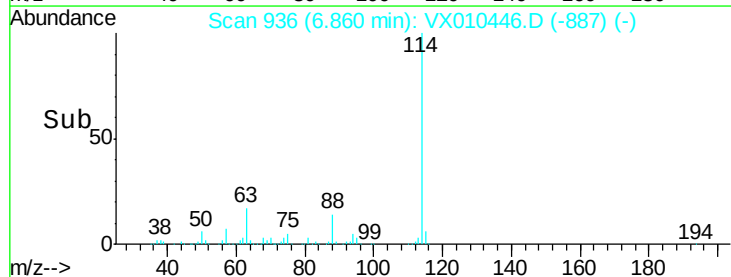
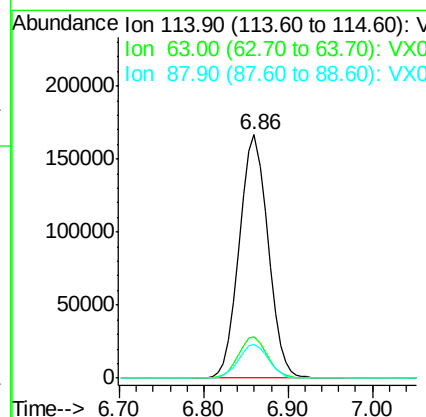
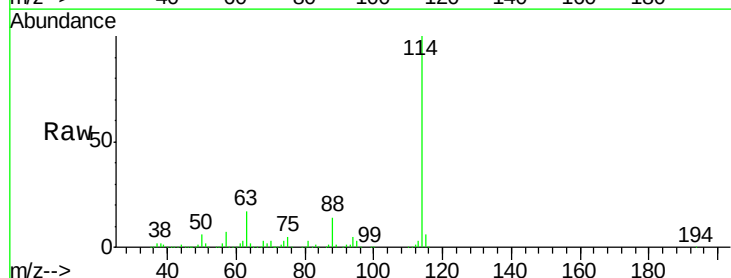
Manual Integrations
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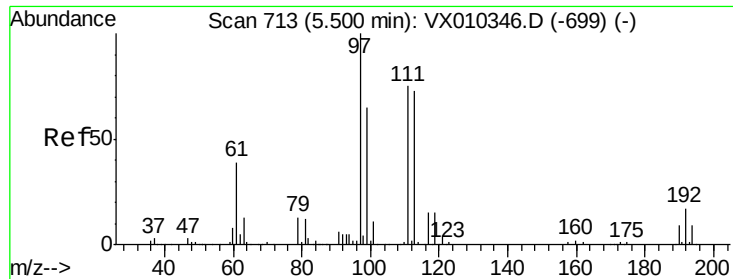
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.8
88	13.8	0.0	27.6





#35

Dibromofluoromethane

Concen: 49.167 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

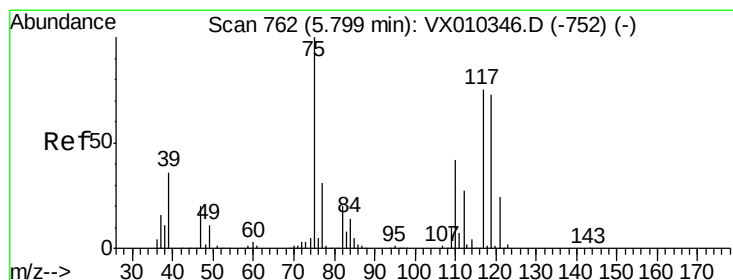
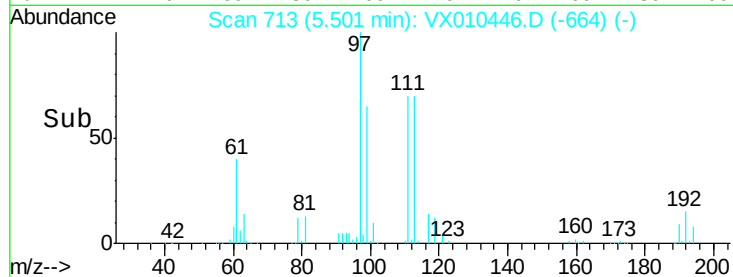
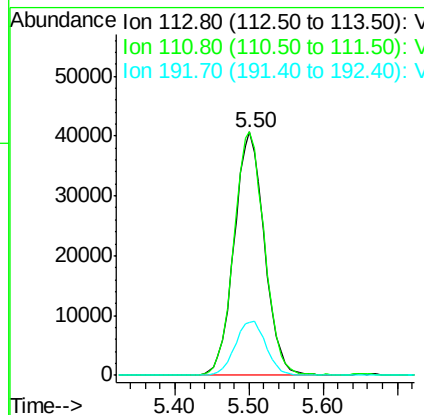
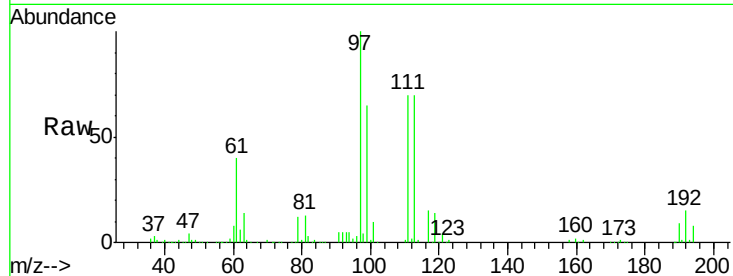
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	115645
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	22.8	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.613 ug/l

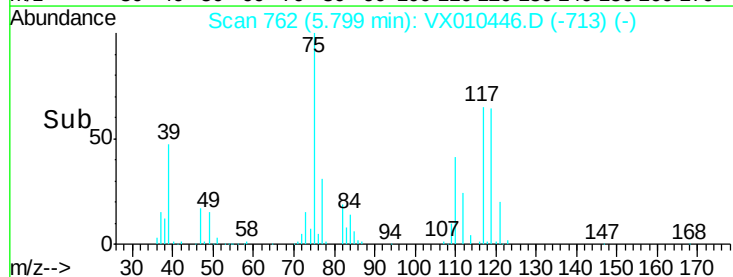
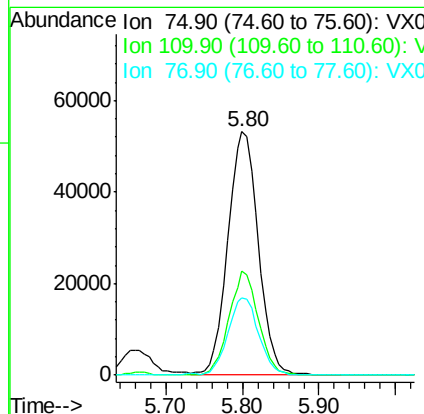
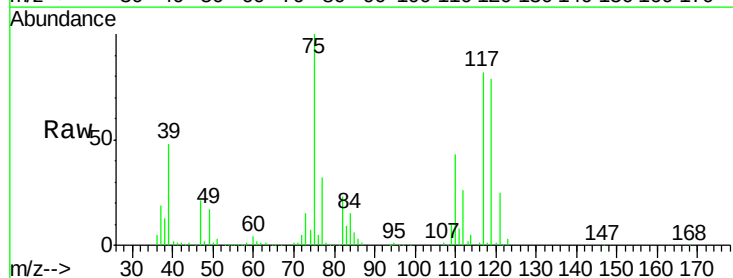
RT: 5.80 min Scan# 762

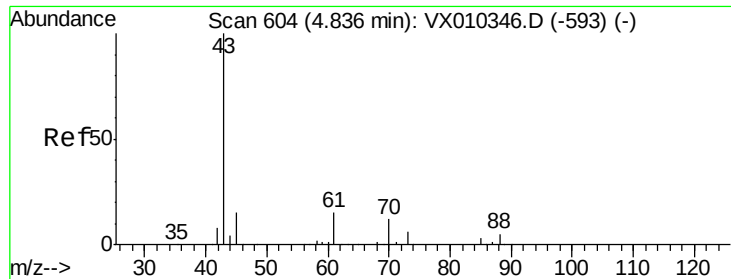
Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Tgt Ion:	75	Resp:	145454
Ion	Ratio	Lower	Upper
75	100		
110	41.2	20.8	62.2
77	32.6	25.4	38.0





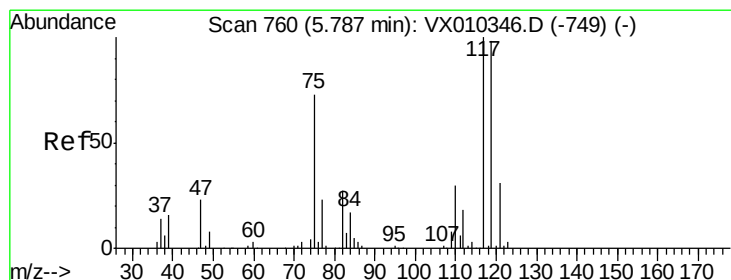
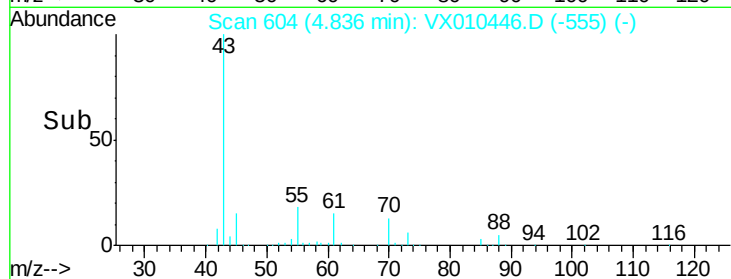
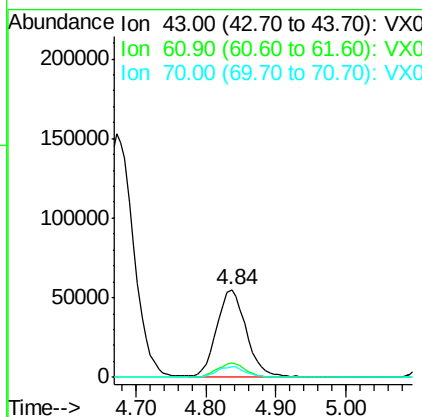
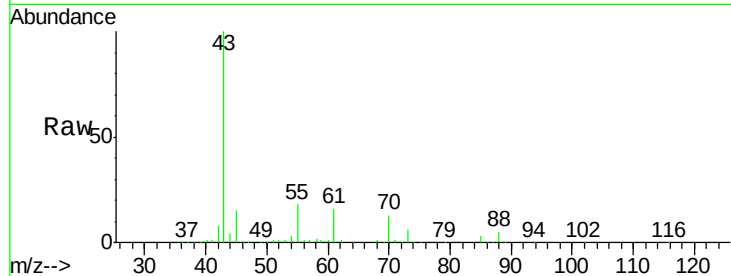
#37
Ethyl Acetate
Concen: 51.261 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	161101
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.4	18.6
70	12.4	9.8	14.8

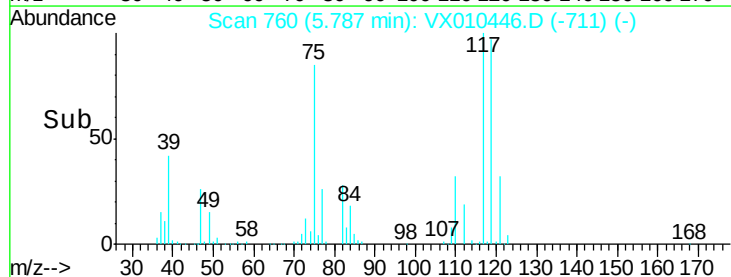
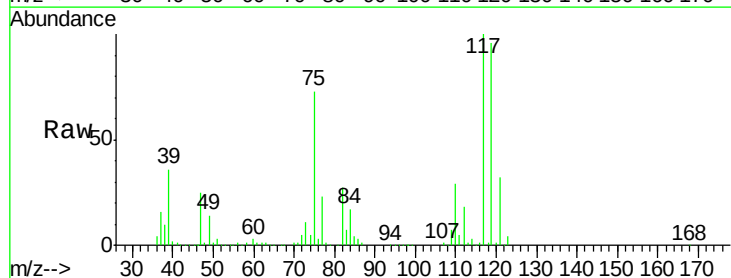
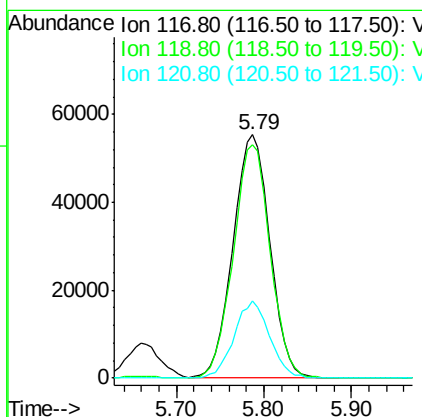
Manual Integrations
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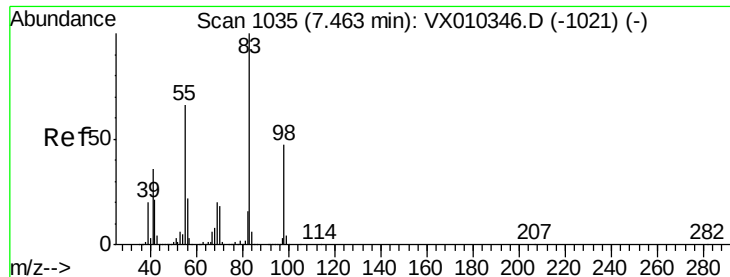
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#38
Carbon Tetrachloride
Concen: 49.083 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	117	Resp	162371
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.2	117.4
121	31.7	24.7	37.1





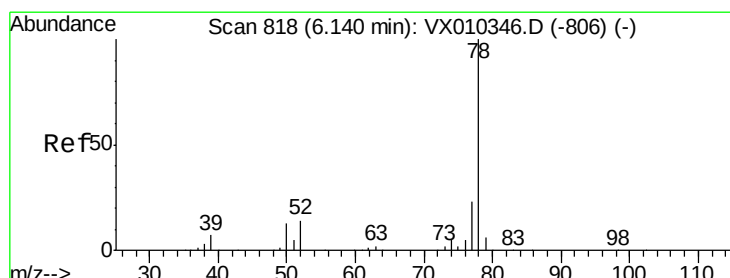
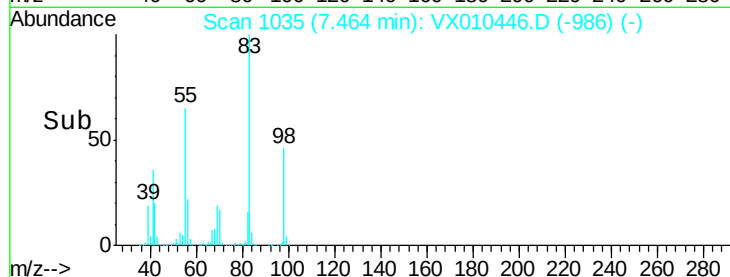
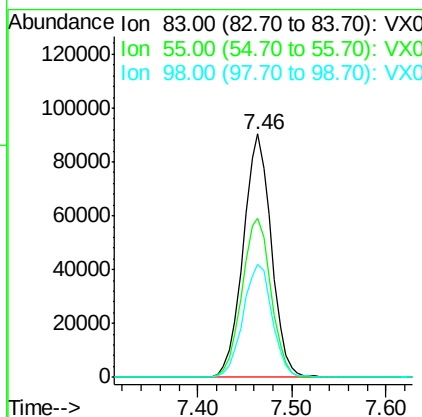
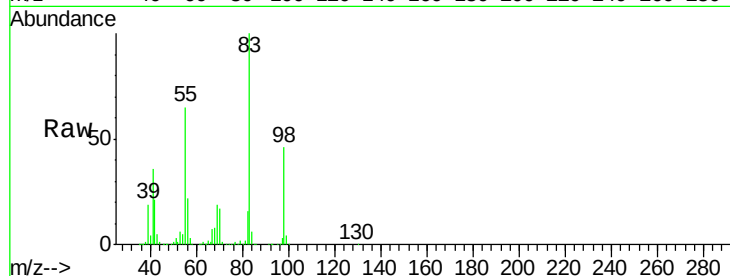
#39
Methylvlcyclohexane
Concen: 47.017 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	188801
Ion Ratio	Lower	Upper	
83	100		
55	65.1	53.0	79.6
98	46.2	37.8	56.8

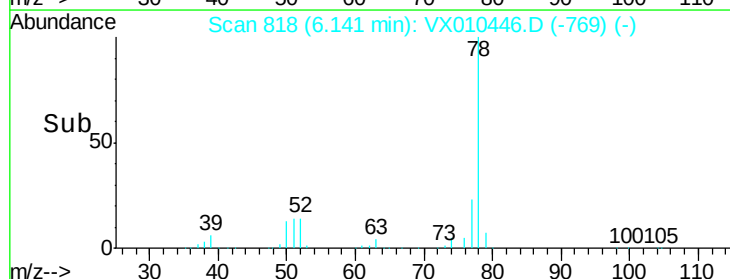
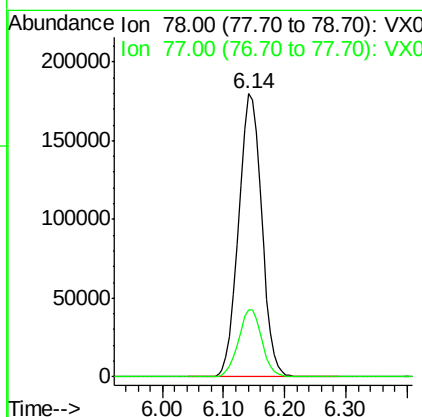
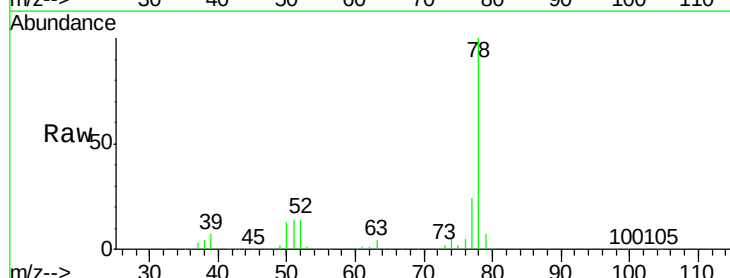
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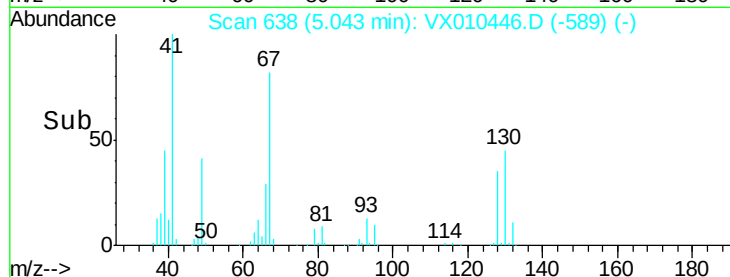
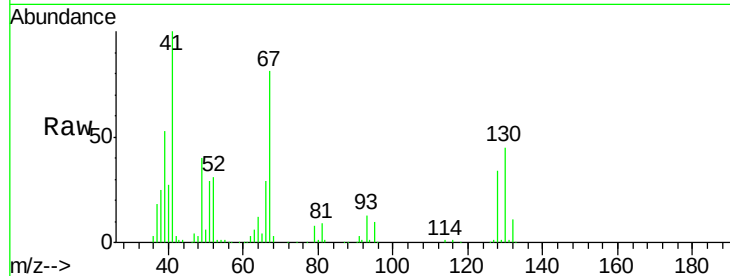
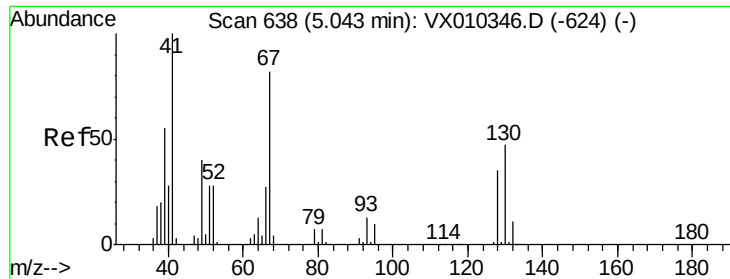
MMDadoda
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#40
Benzene
Concen: 49.229 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	78	Resp	468535
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.6	28.0





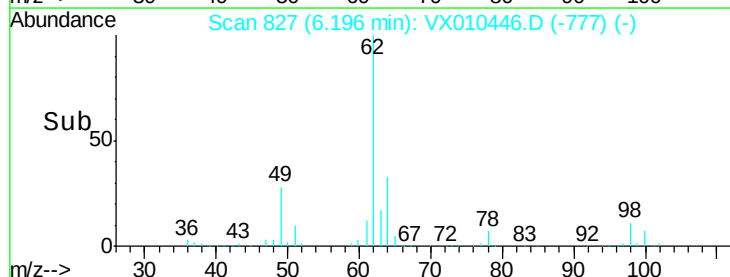
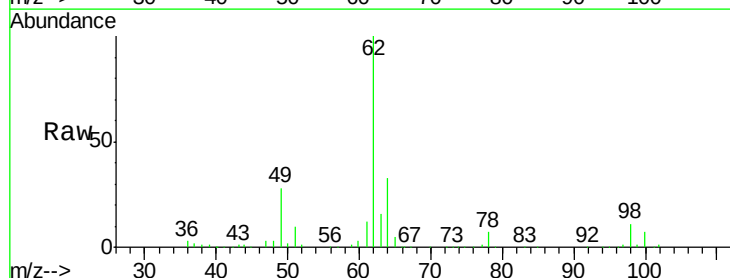
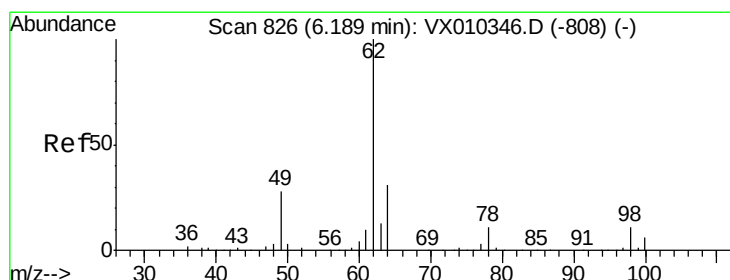
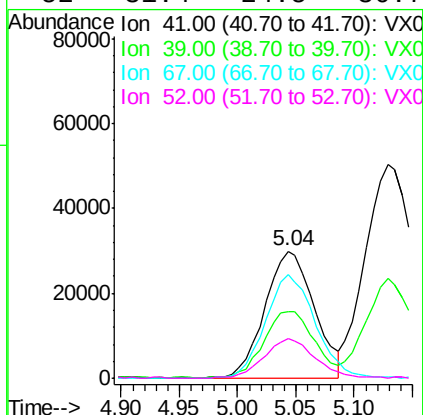
#41
Methacrylonitrile
Concen: 50.715 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		87452		
39	53.9	43.8	65.8		
67	83.1	66.6	100.0		
52	31.4	24.5	36.7		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

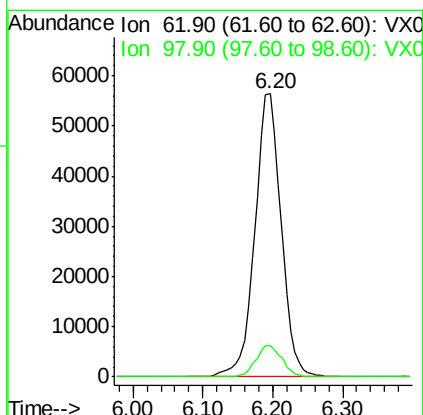
Manual Integrations
APPROVED

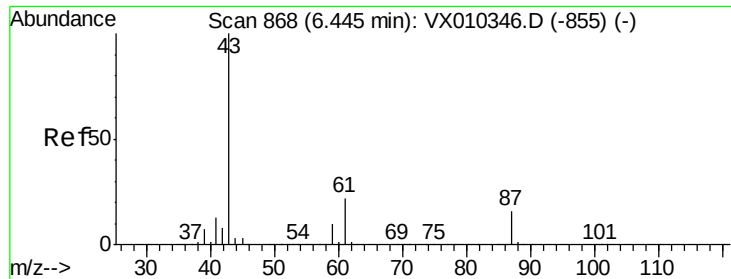
MMDadoda
6/26/2019 8:49:17 AM



#42
1,2-Dichloroethane
Concen: 51.100 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		148044		
98	11.0	0.0	22.2		





#43

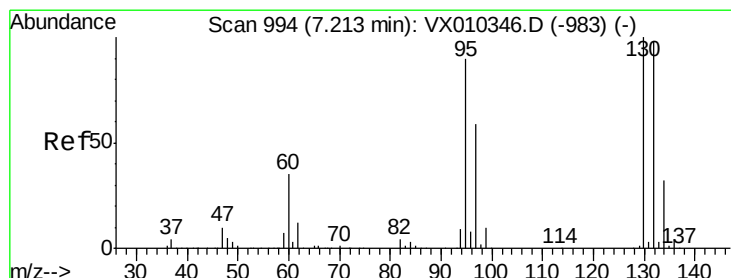
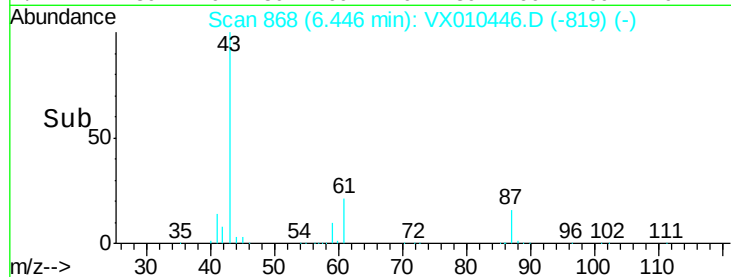
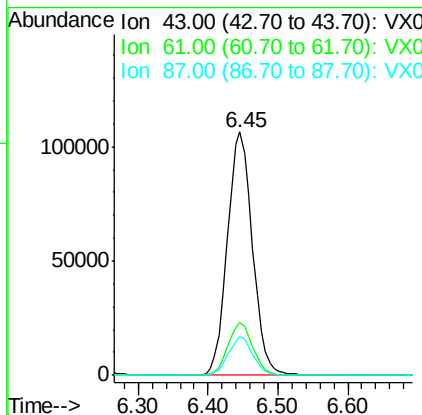
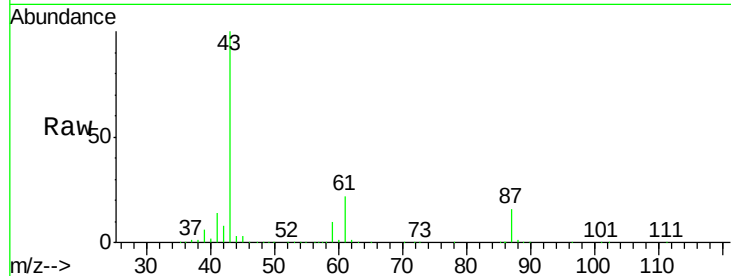
Isopropyl Acetate
 Concen: 50.819 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.8	26.6
87	15.7	13.0	19.4

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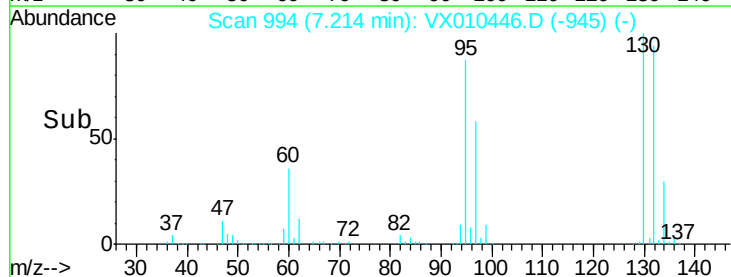
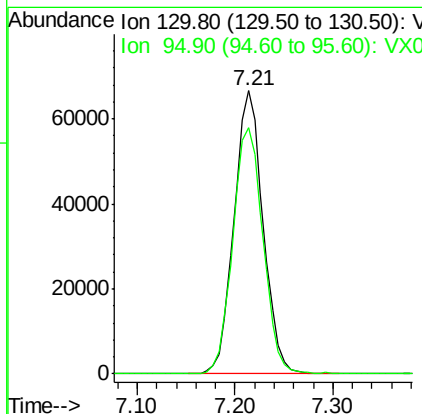
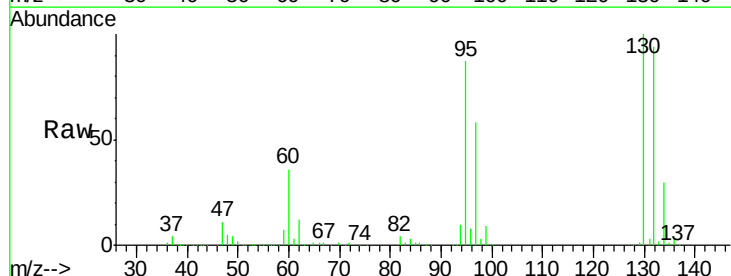
MMDadoda
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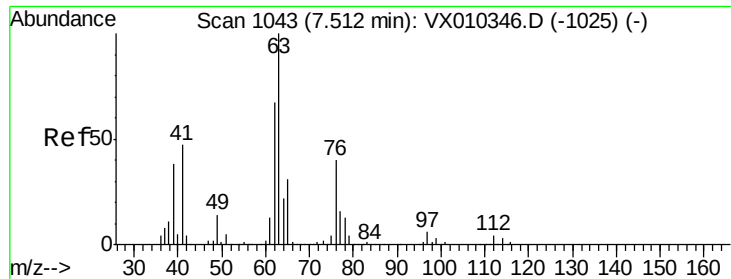


#44

Trichloroethene
 Concen: 48.158 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	180.8





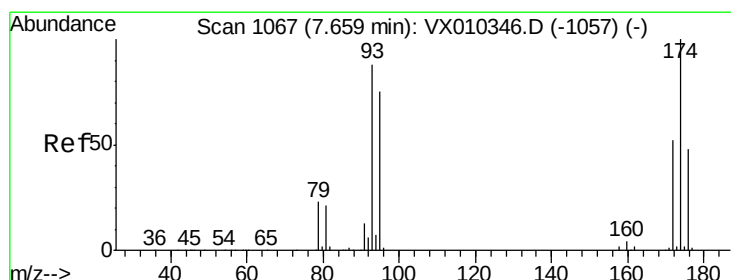
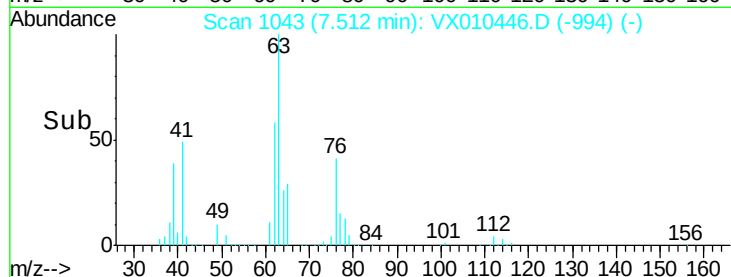
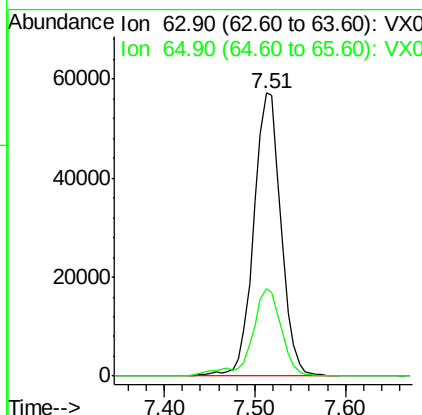
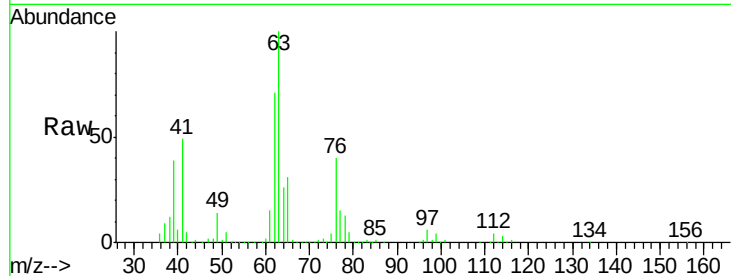
#45
 1,2-Dichloropropane
 Concen: 49.555 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119103
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2

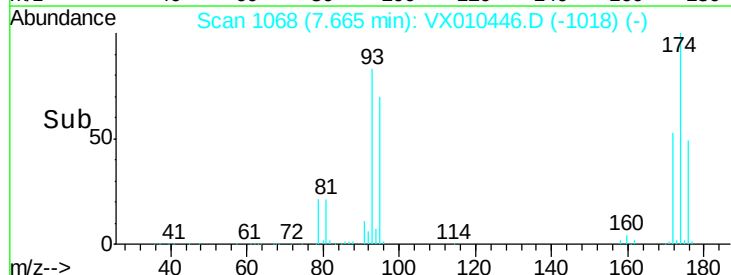
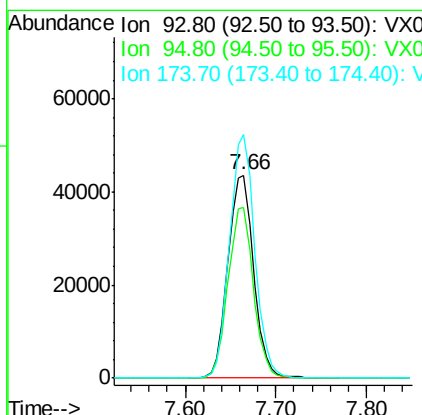
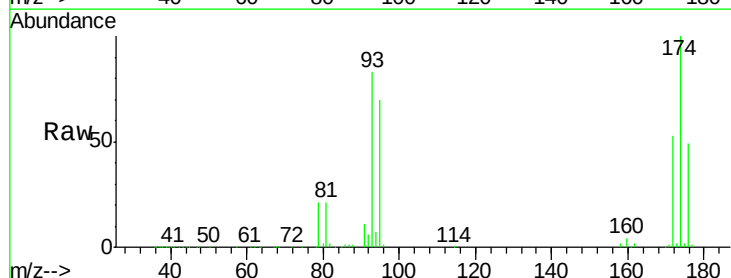
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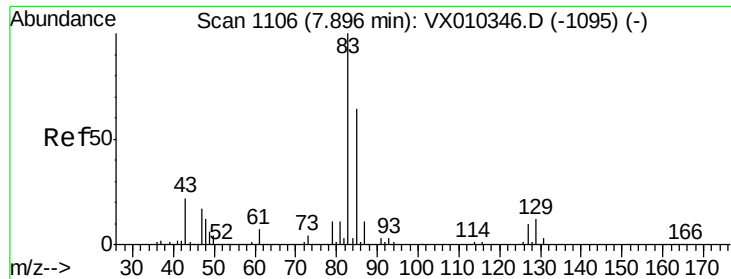
MMDadoda
 6/26/2019 8:49:17 AM



#46
 Dibromomethane
 Concen: 49.986 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion: 93 Resp: 86196
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.5 101.3
 174 117.0 95.8 143.6





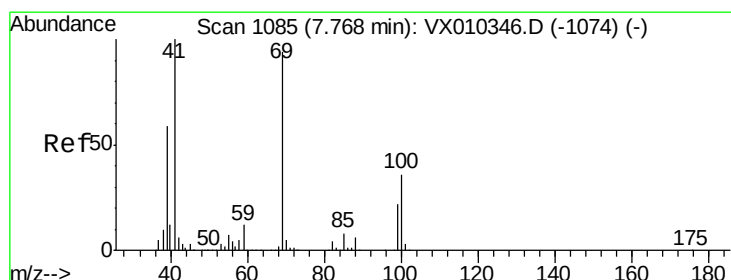
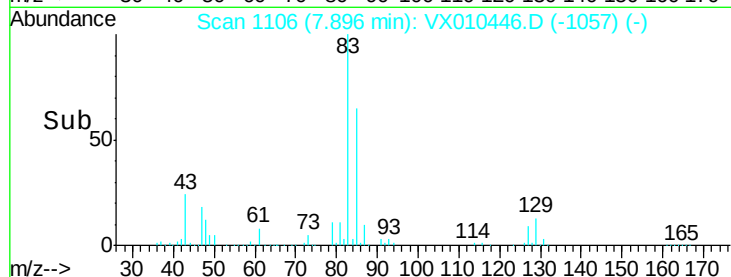
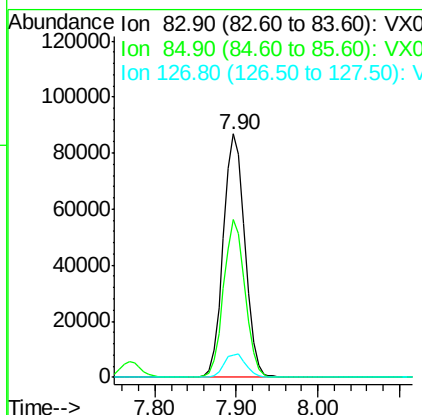
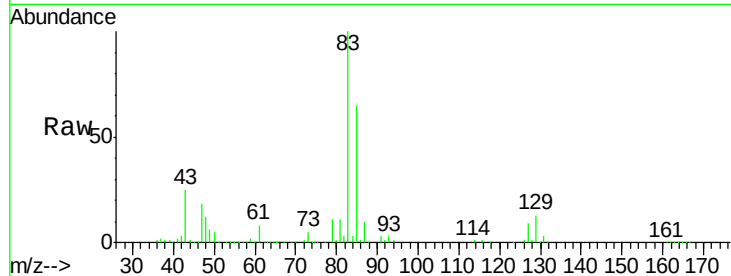
#47
Bromodichloromethane
Concen: 50.123 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	158399		
85	64.8	51.5	77.3	
127	9.3	7.8	11.8	

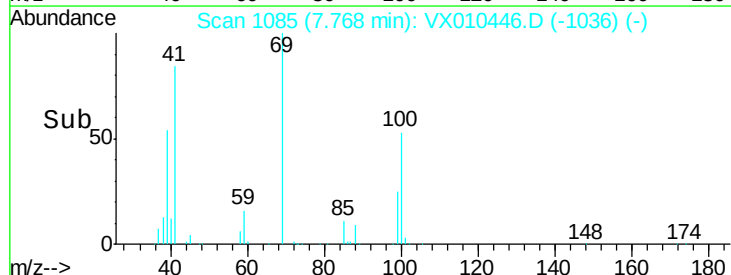
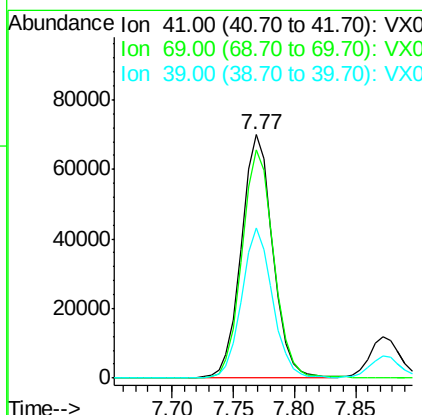
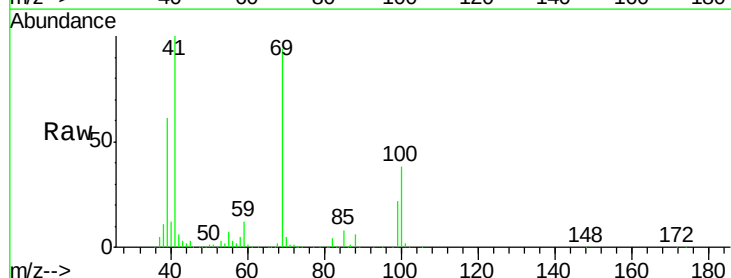
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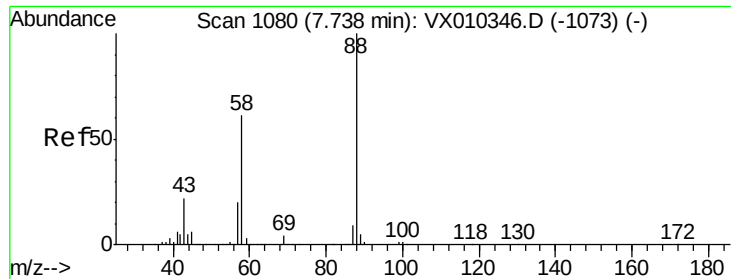
MMDadoda
6/26/2019 8:49:17 AM



#48
Methyl methacrylate
Concen: 51.442 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	124330		
69	95.4	76.1	114.1	
39	59.9	47.6	71.4	





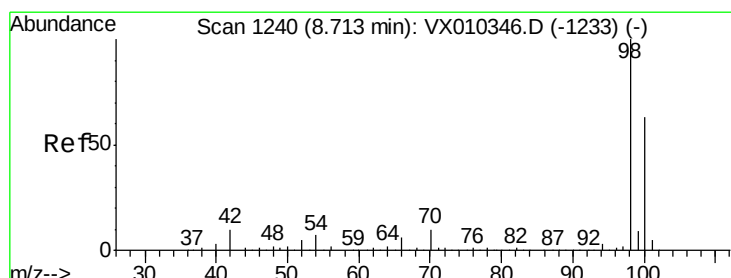
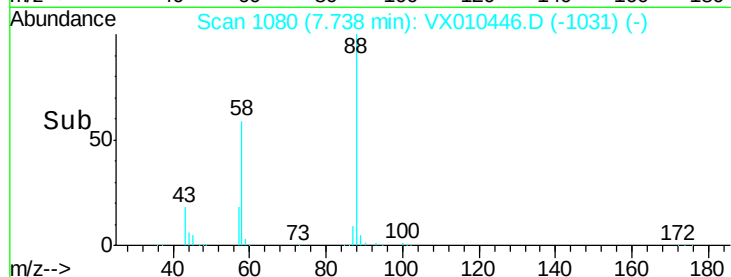
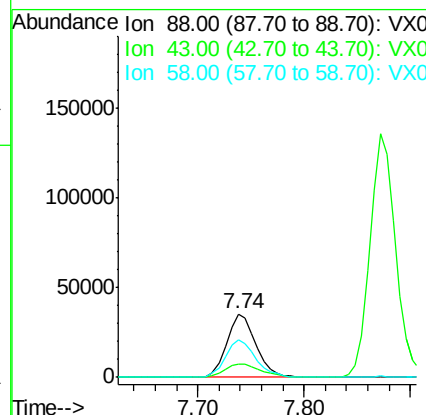
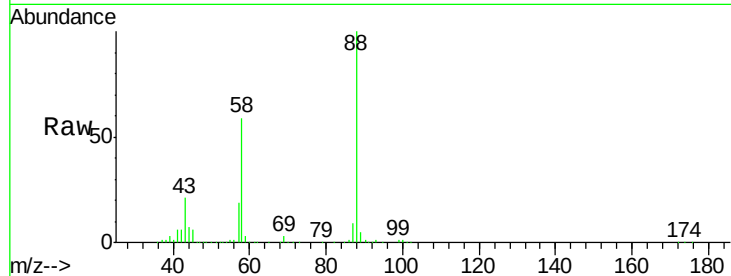
#49
1,4-Dioxane
Concen: 971.320 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	67627
Ion	Ratio	Lower	Upper
88	100		
43	26.6	20.2	30.2
58	62.3	49.5	74.3

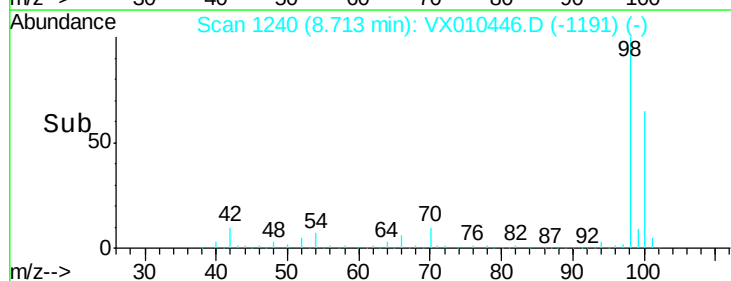
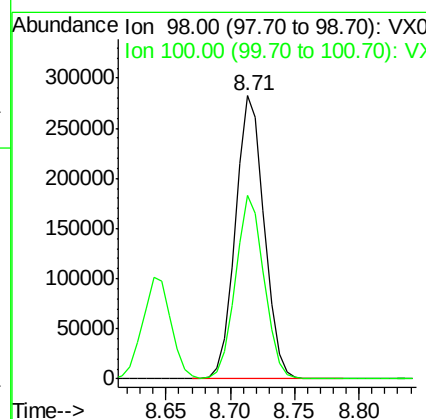
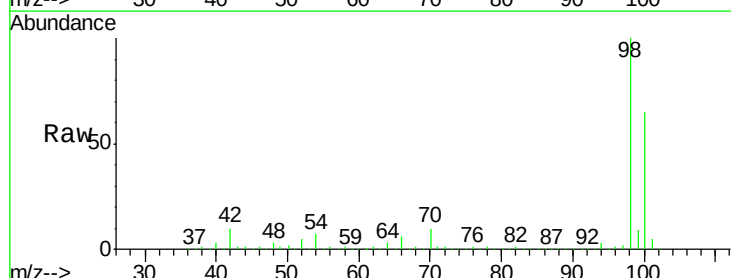
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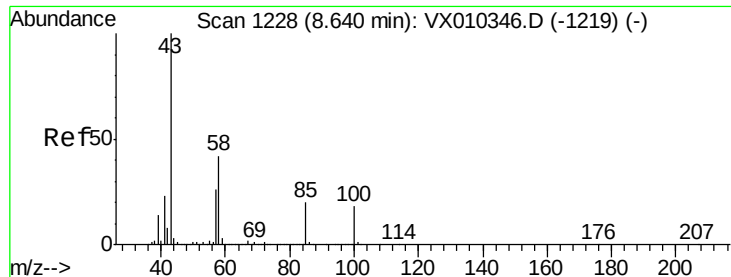
MMDadoda
6/26/2019 8:49:17 AM



#50
Toluene-d8
Concen: 48.826 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	98	Resp	439370
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





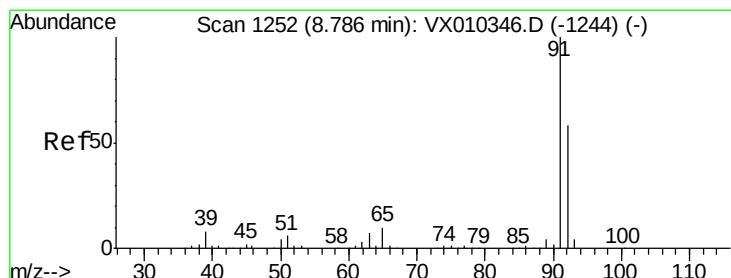
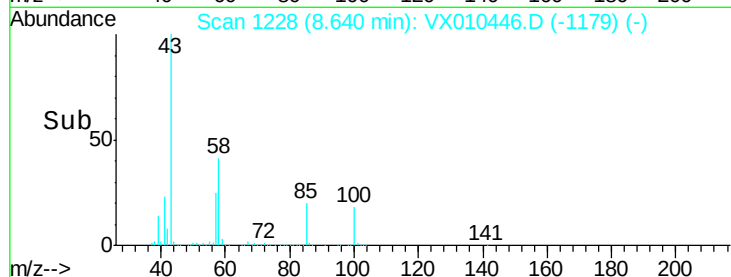
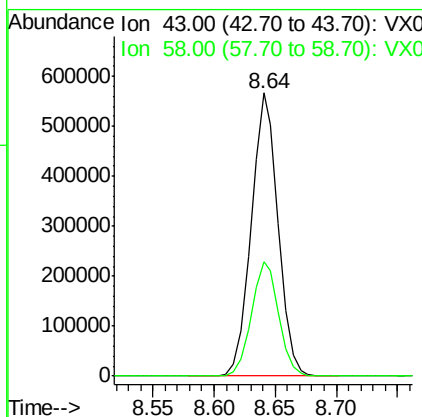
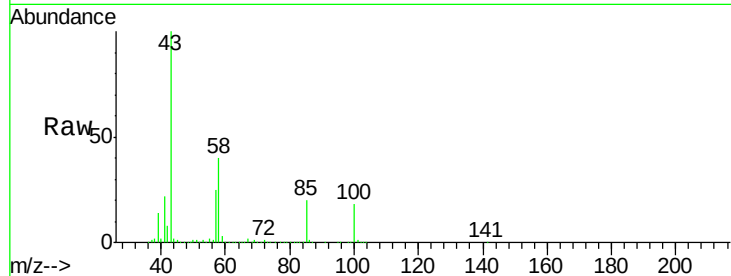
#51
4-Methyl-2-Pentanone
Concen: 259.775 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.0	33.5	50.3

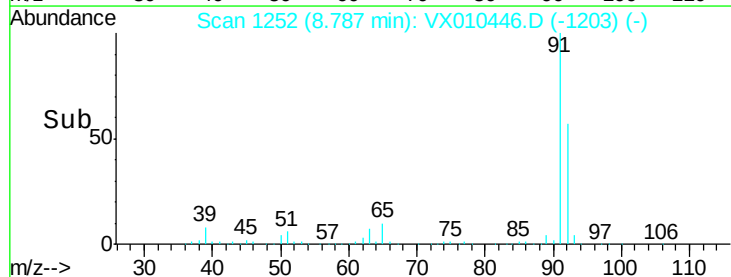
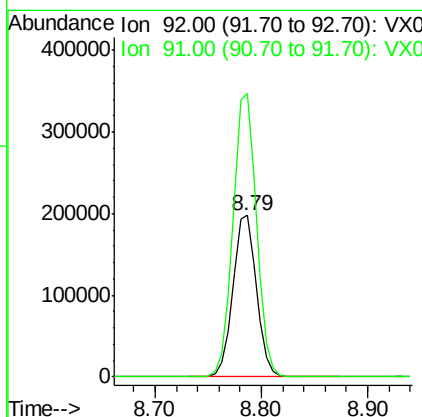
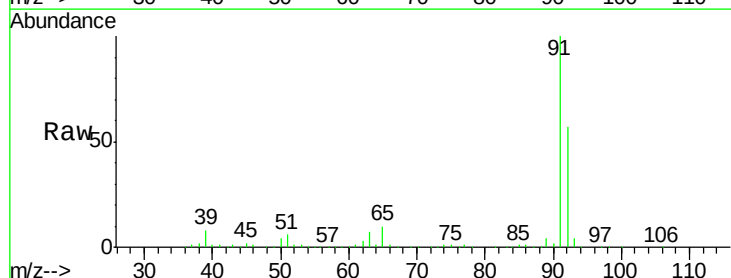
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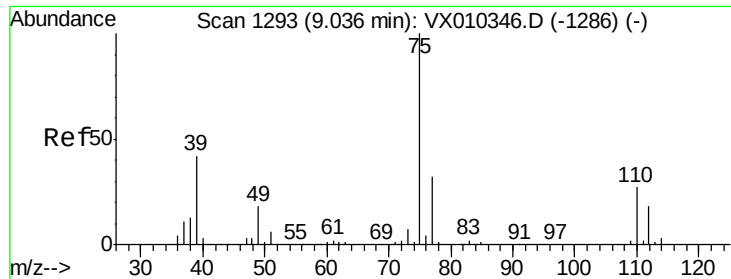
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6/26/2019 8:49:17 AM



#52
Toluene
Concen: 49.090 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.9	139.8	209.6





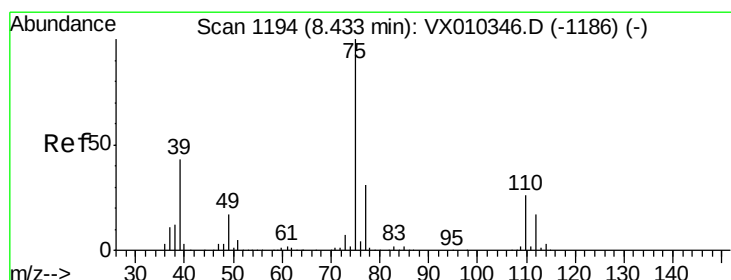
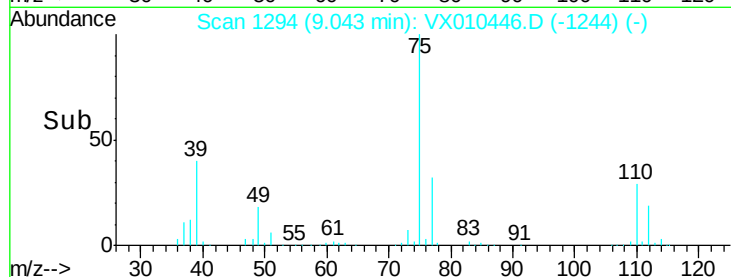
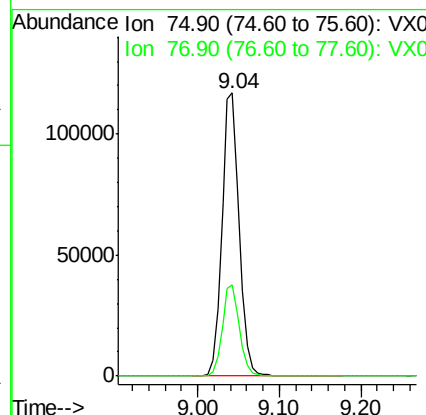
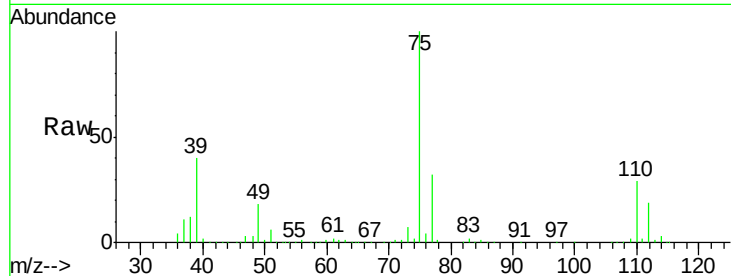
#53
t-1,3-Dichloropropene
Concen: 48.841 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 173045
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

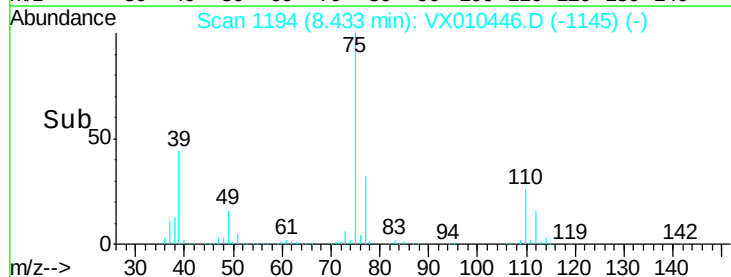
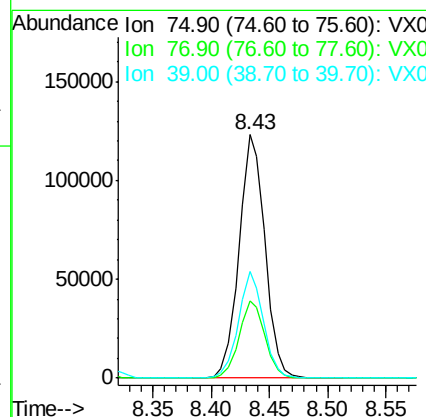
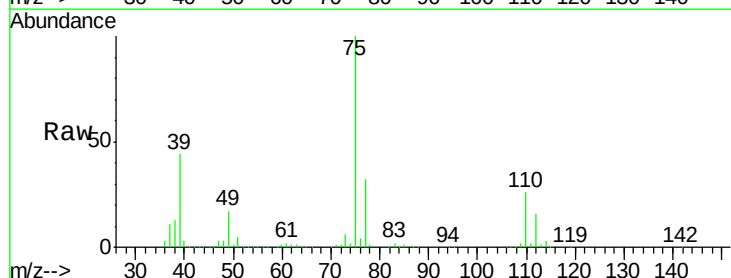
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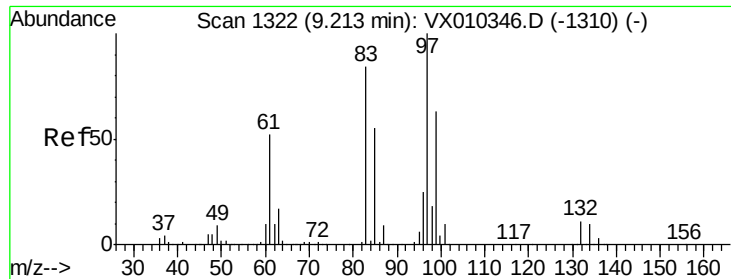
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#54
cis-1,3-Dichloropropene
Concen: 49.494 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion: 75 Resp: 190562
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 43.8 34.5 51.7





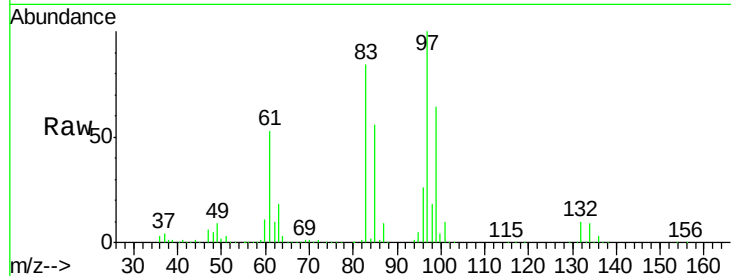
#55
 1,1,2-Trichloroethane
 Concen: 50.429 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

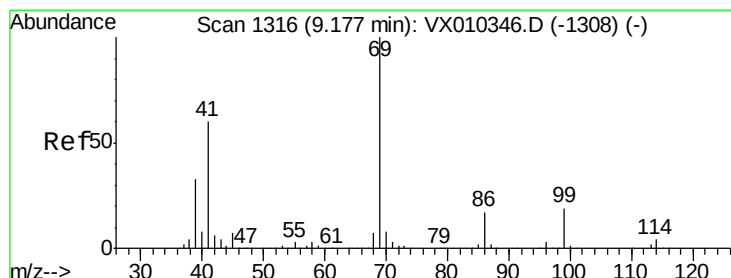
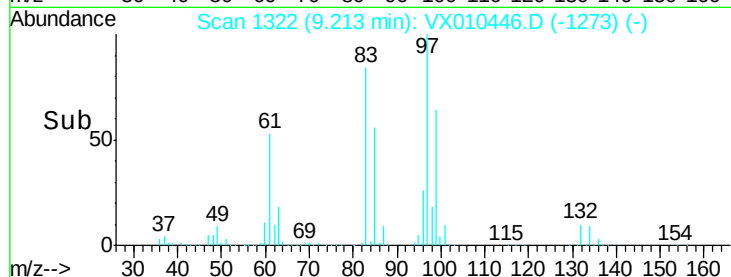
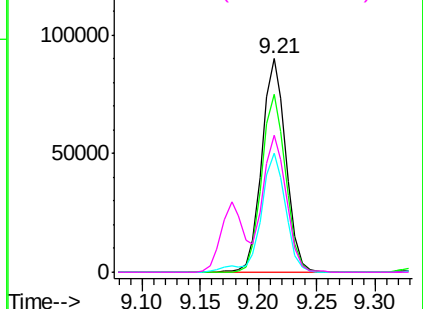
Tot Ion:	97	Resp:	130354
Ion Ratio	Lower	Upper	
97	100		
83	83.6	67.4	101.0
85	55.6	43.8	65.8
99	63.9	50.3	75.5

Manual Integrations
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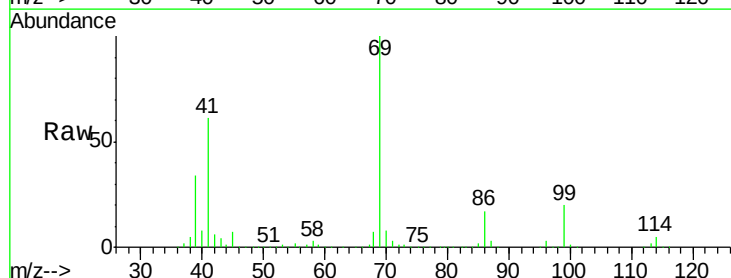


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

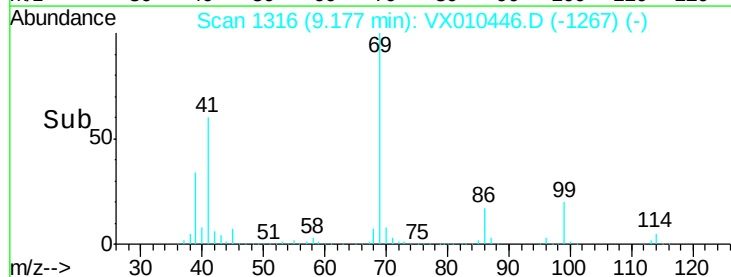
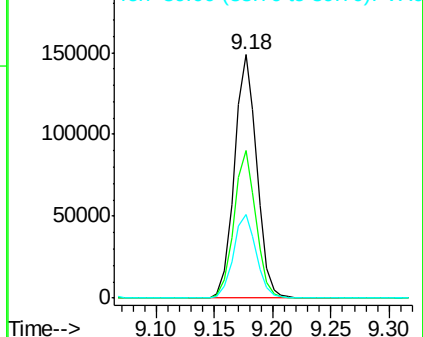


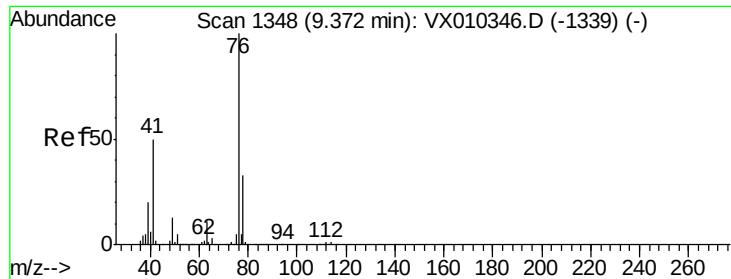
#56
 Ethyl methacrylate
 Concen: 50.715 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion:	69	Resp:	198589
Ion Ratio	Lower	Upper	
69	100		
41	59.5	47.1	70.7
39	35.1	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





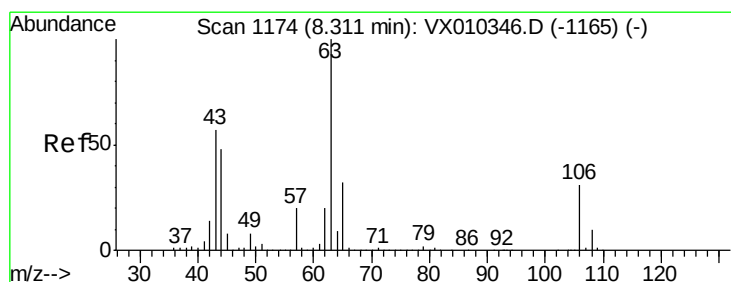
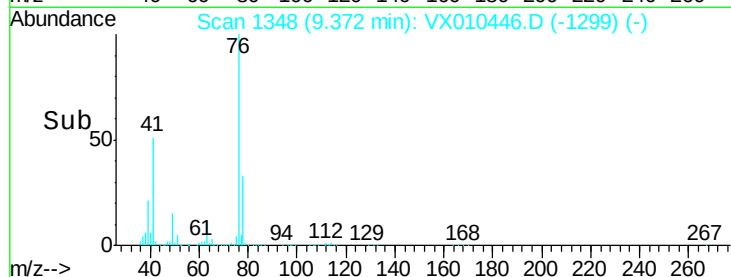
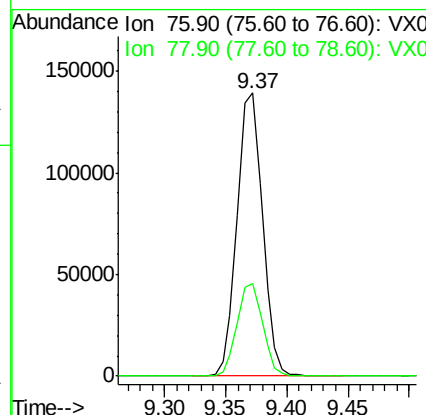
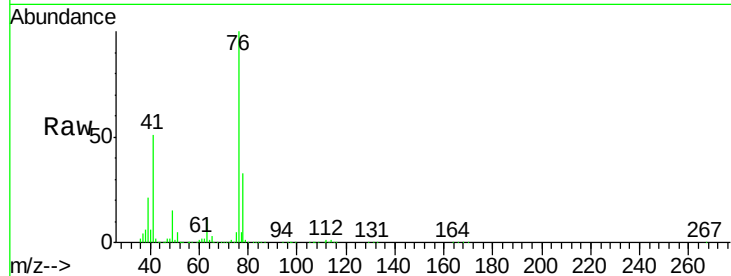
#57
 1,3-Dichloropropane
 Concen: 49.990 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 200586
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1

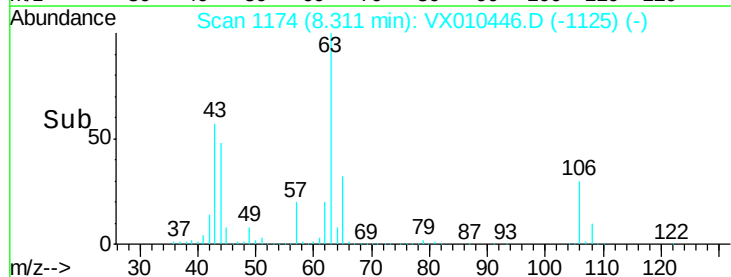
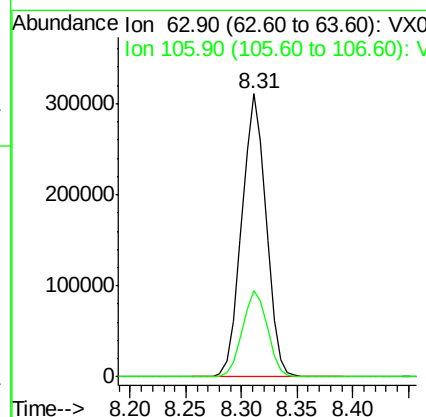
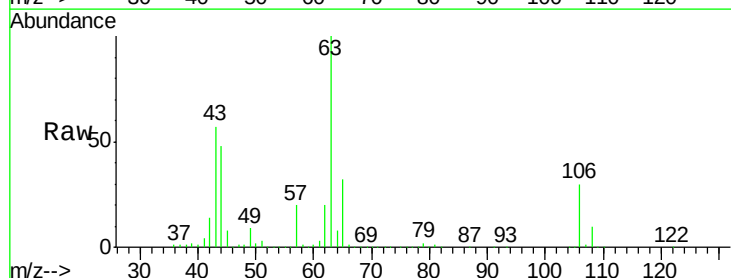
Manual Integrations
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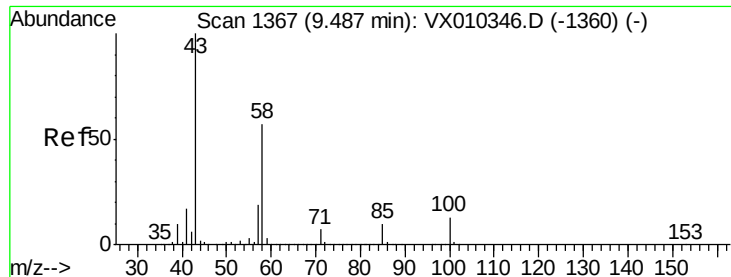
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.129 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion: 63 Resp: 472606
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.7 37.1





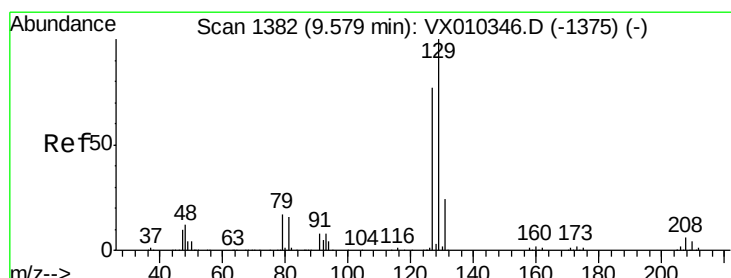
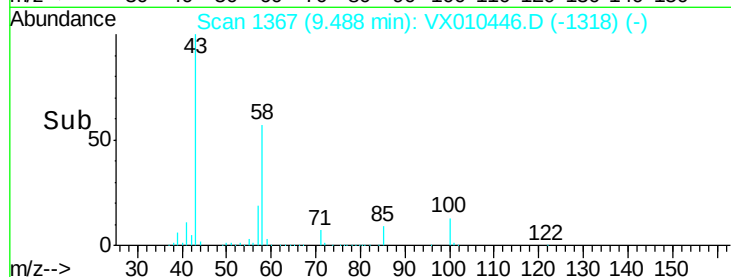
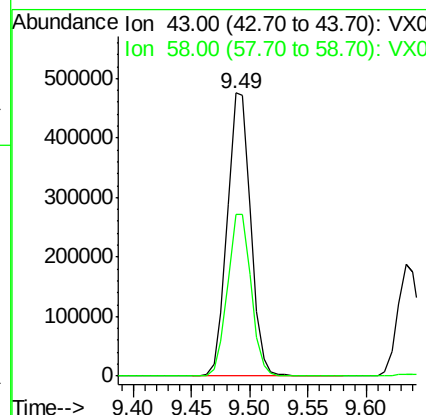
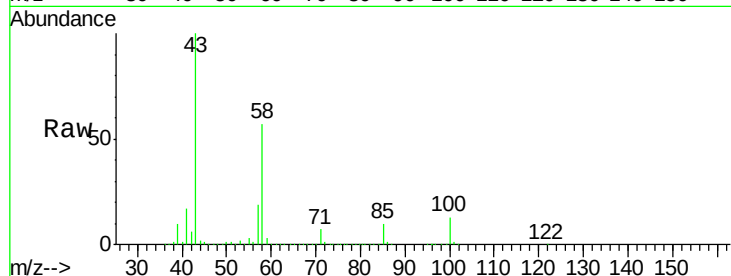
#59
2-Hexanone
Concen: 251.795 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 659020
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.1

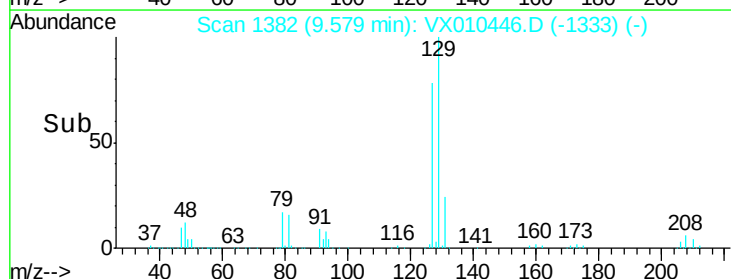
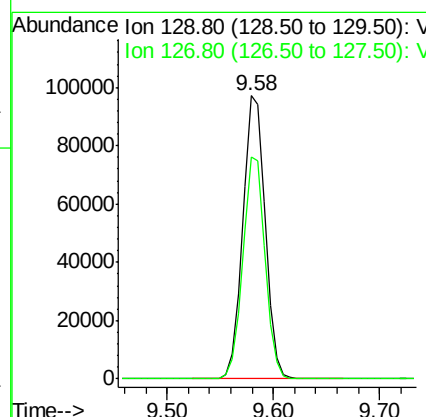
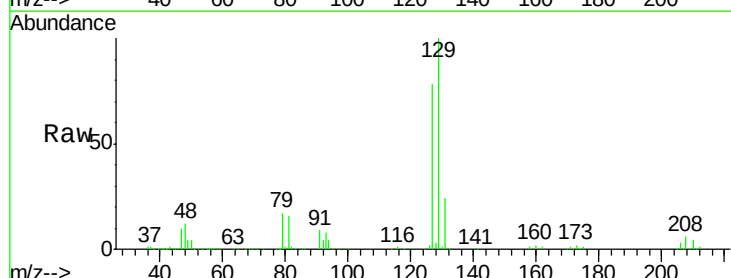
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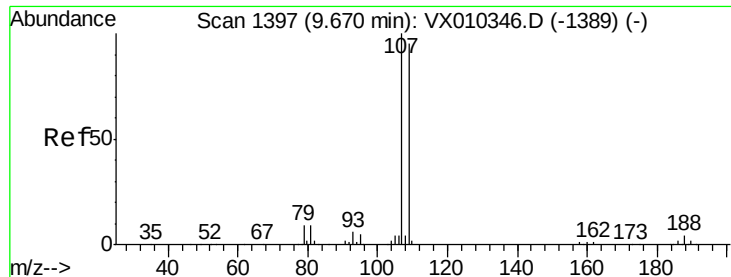
MMDadoda
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#60
Dibromochloromethane
Concen: 49.617 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion: 129 Resp: 143603
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.157 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 139942

Ion Ratio Lower Upper

107 100

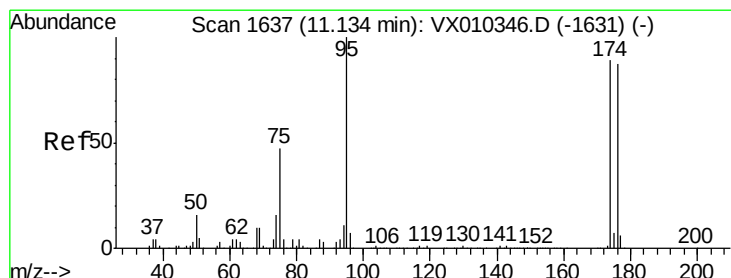
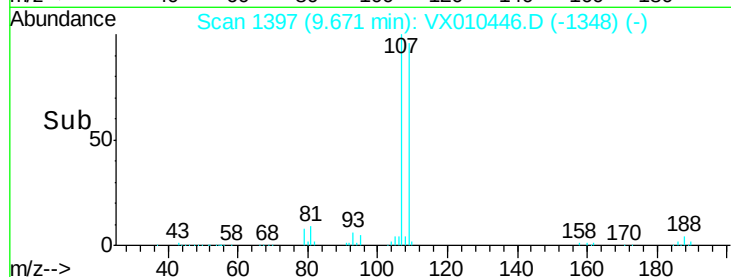
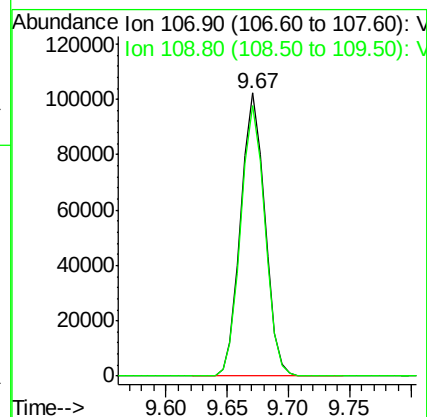
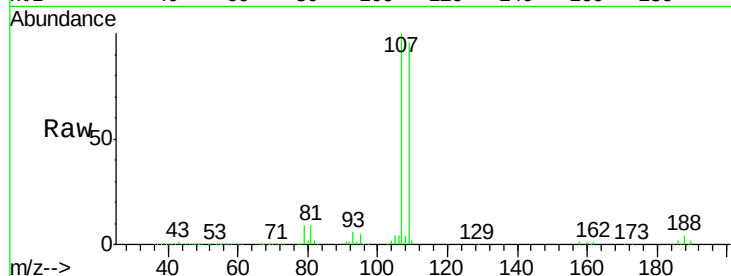
109 95.7 75.8 113.6

Manual Integrations

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6/26/2019 8:49:17 AM



#62

4-Bromofluorobenzene

Concen: 48.184 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

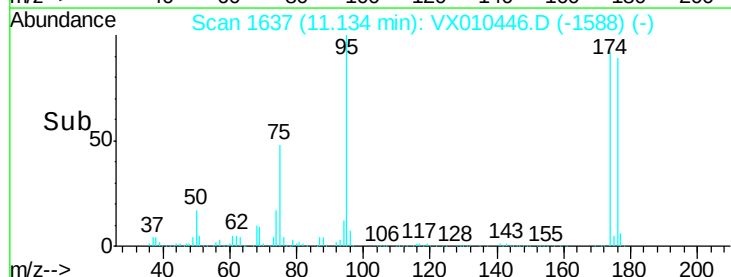
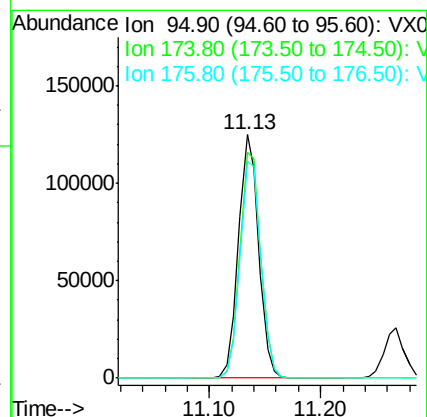
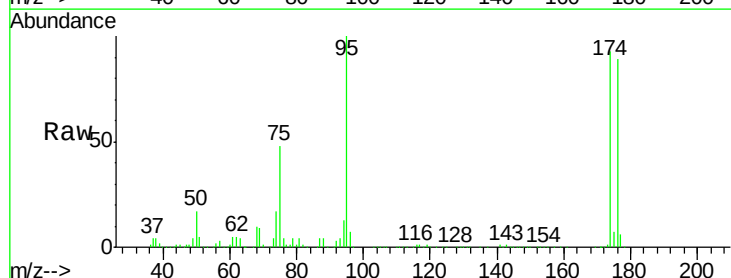
Tgt Ion: 95 Resp: 156537

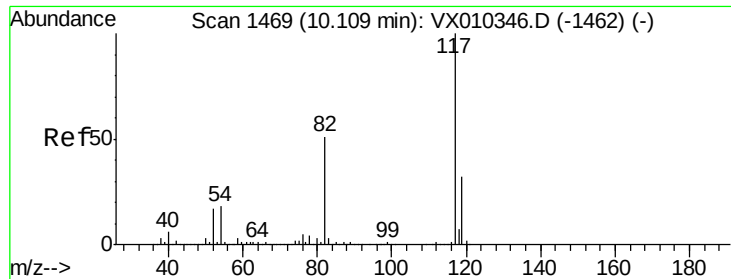
Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.6

176 93.0 0.0 184.0





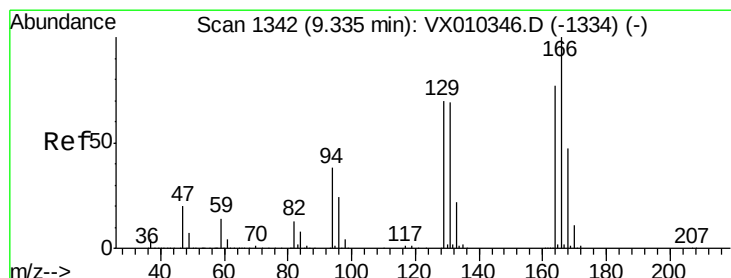
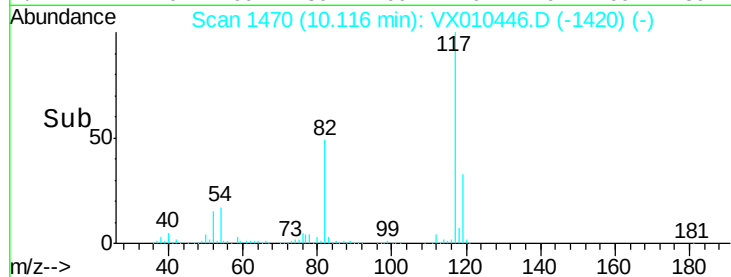
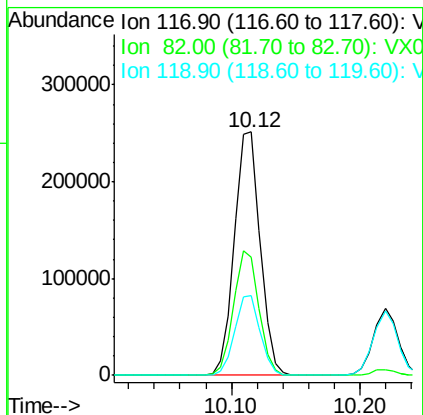
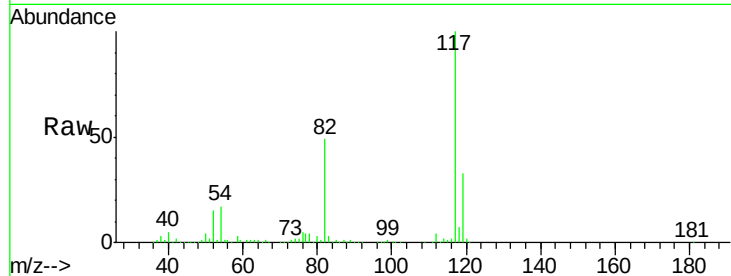
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	351590		
82	48.5		41.2	61.8
119	32.7		25.5	38.3

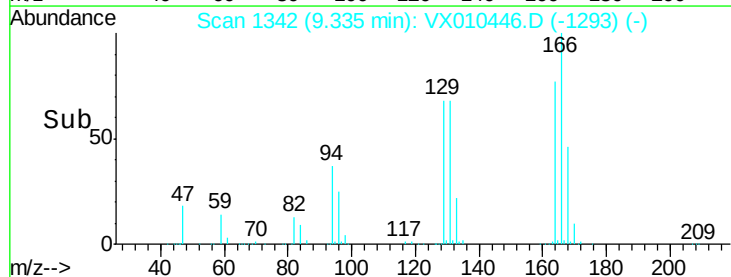
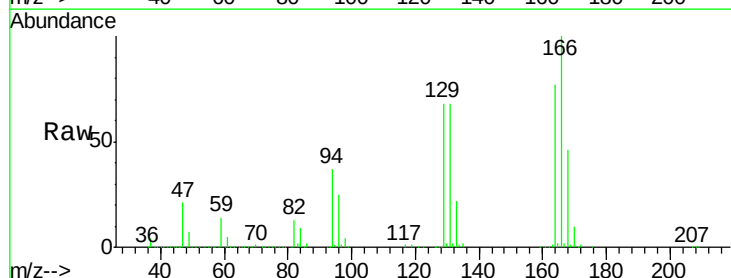
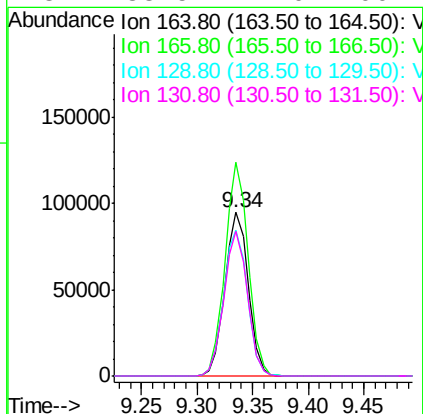
Manual Integrations
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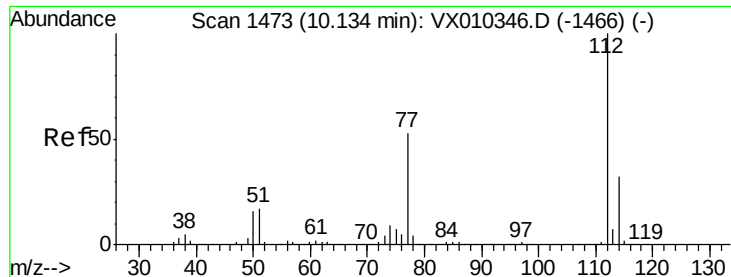
MMDadoda
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#64
Tetrachloroethene
Concen: 48.481 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137867		
166	130.6		103.6	155.4
129	89.3		73.0	109.4
131	88.5		71.0	106.4





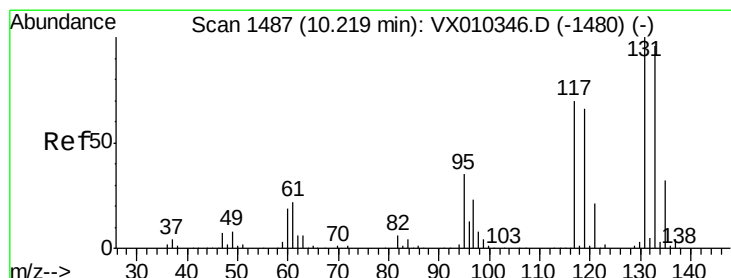
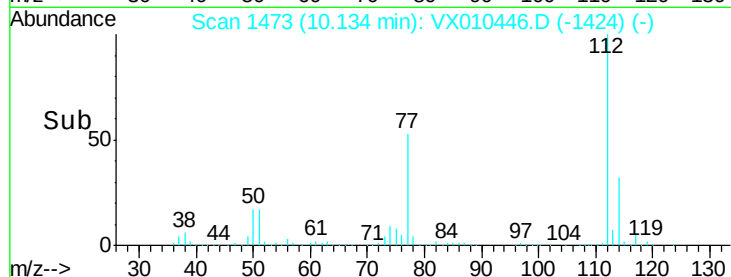
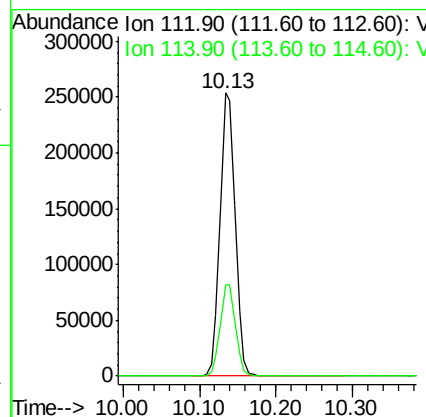
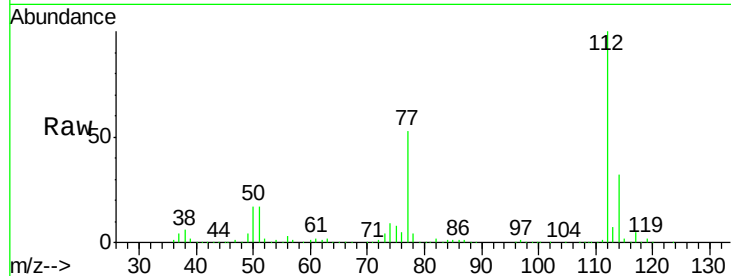
#65
Chlorobenzene
Concen: 48.845 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 348656
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

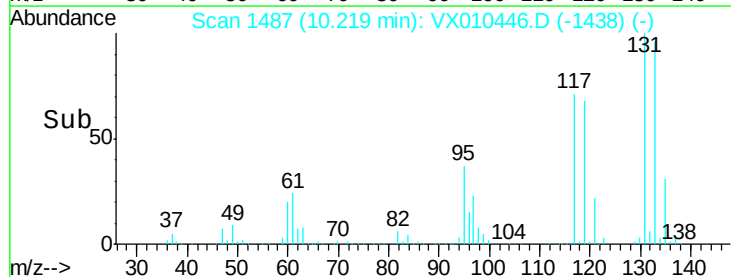
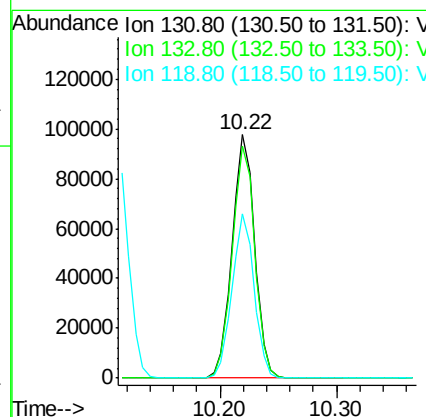
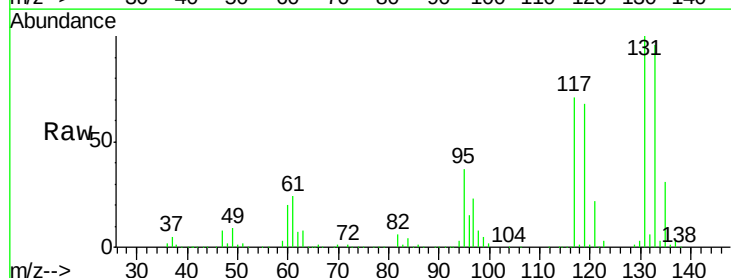
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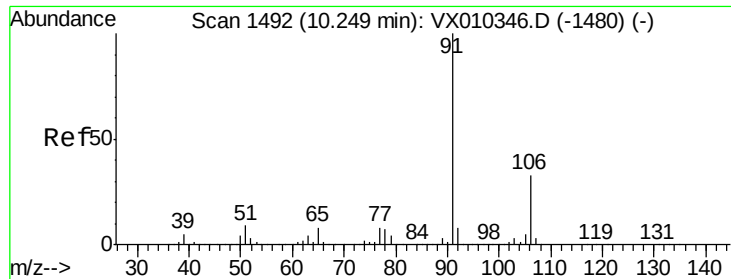
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.460 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion:131 Resp: 131196
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 66.5 32.6 97.7





#67

Ethyl Benzene

Concen: 49.359 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 594798

Ion Ratio Lower Upper

91 100

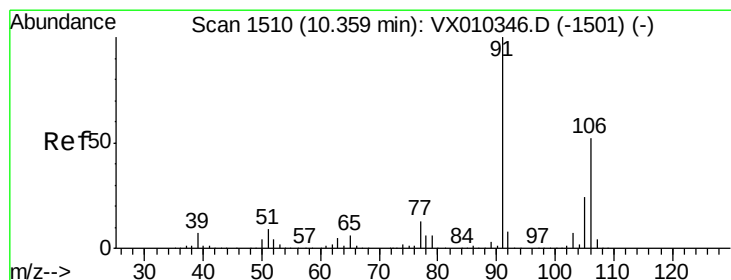
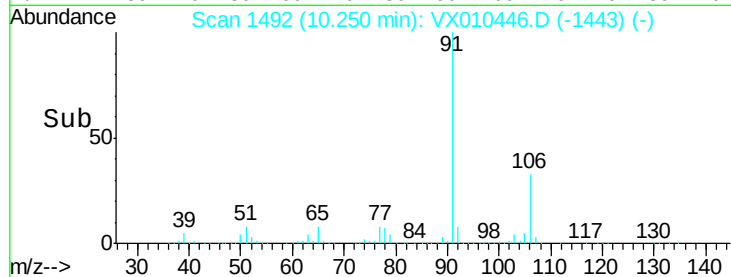
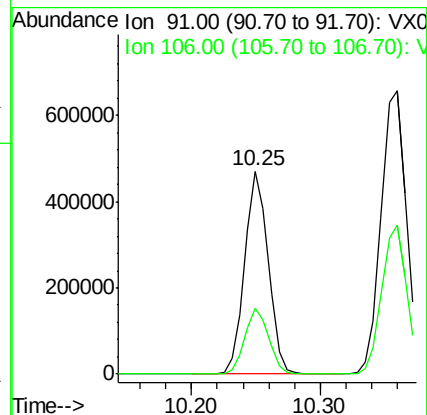
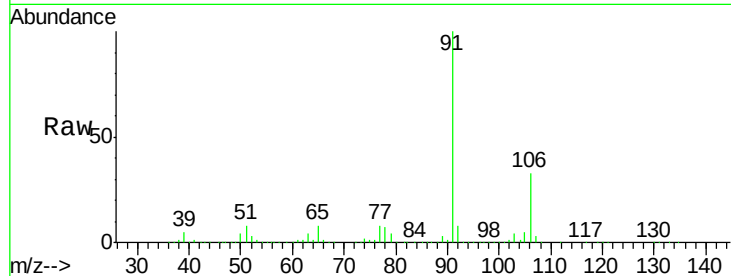
106 32.6 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 98.945 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010446.D

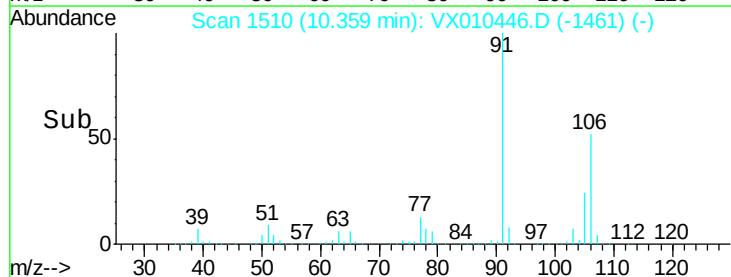
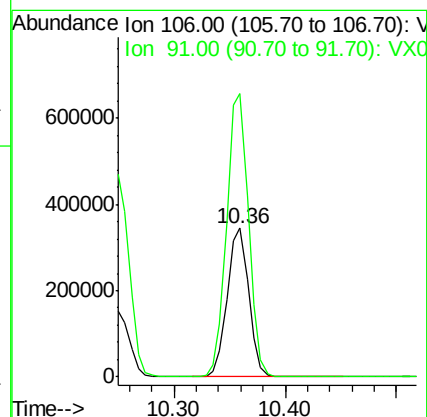
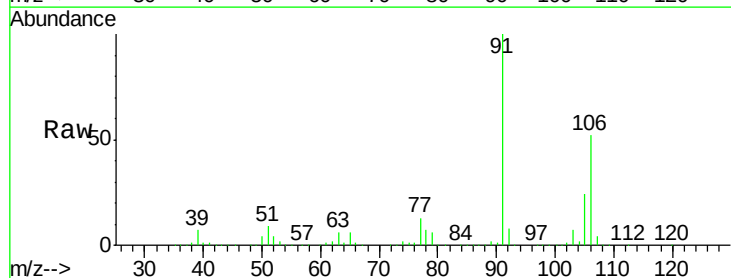
Acq: 25 Jun 2019 20:12

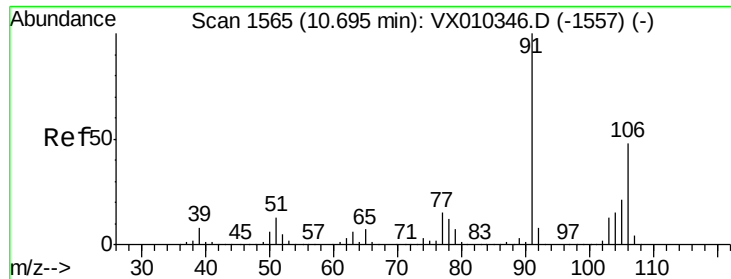
Tgt Ion: 106 Resp: 461997

Ion Ratio Lower Upper

106 100

91 193.7 155.3 232.9





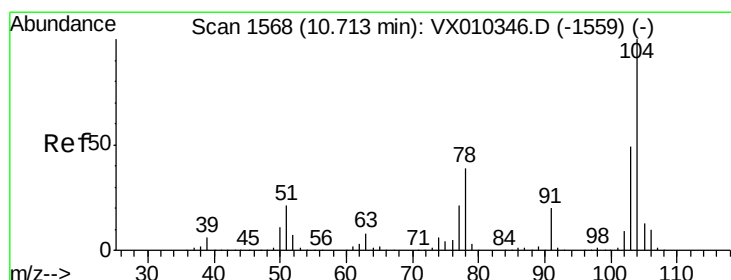
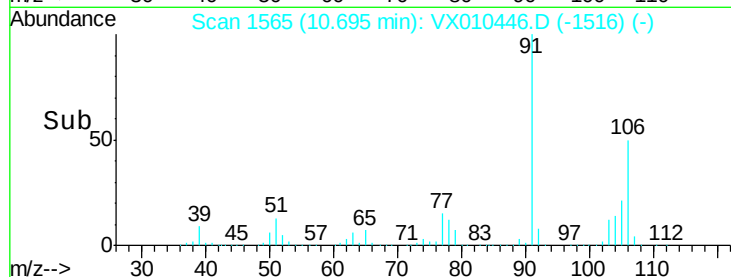
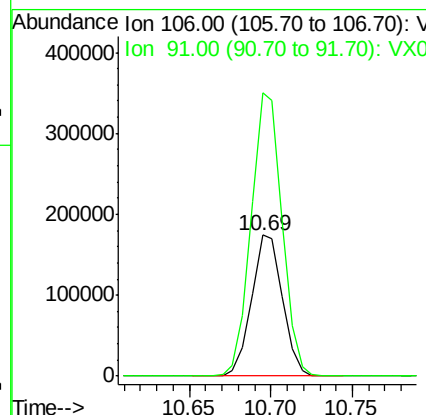
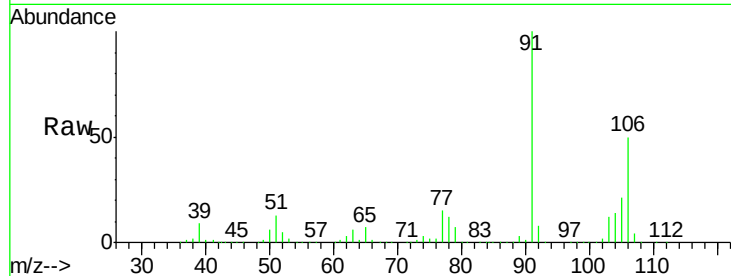
#69
o-Xylene
Concen: 49.981 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.2	102.7	308.1

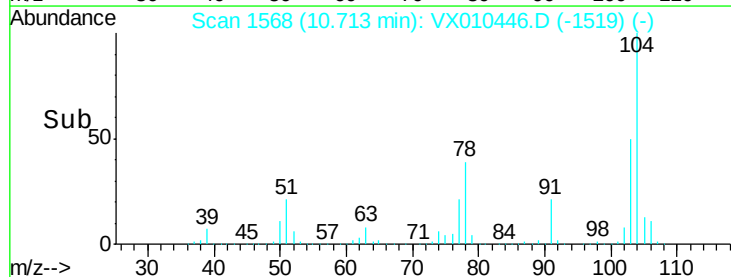
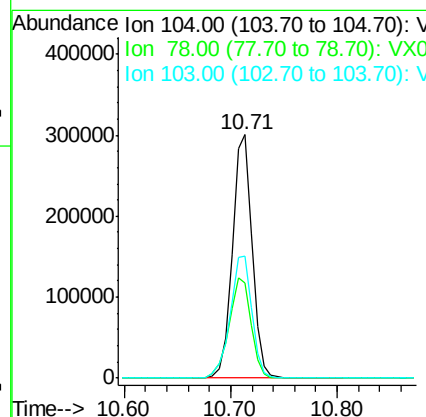
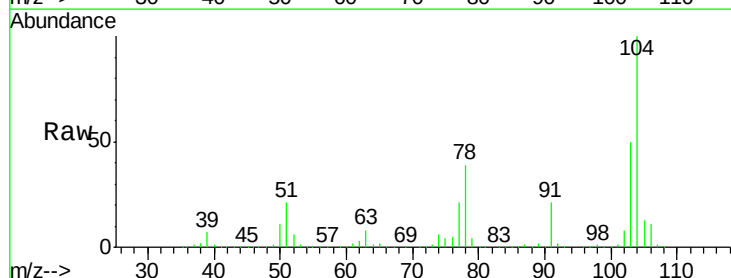
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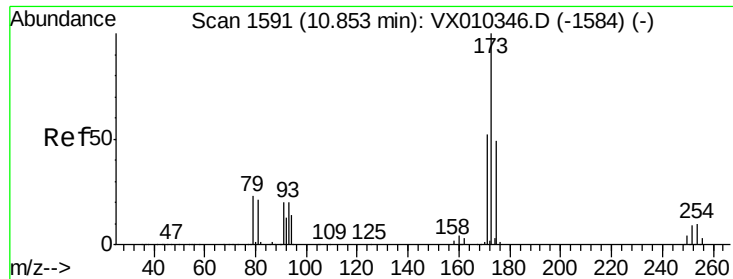
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#70
Styrene
Concen: 50.794 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.9	36.2	54.2
103	55.2	44.2	66.4





#71

Bromoform

Concen: 49.565 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 112069

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

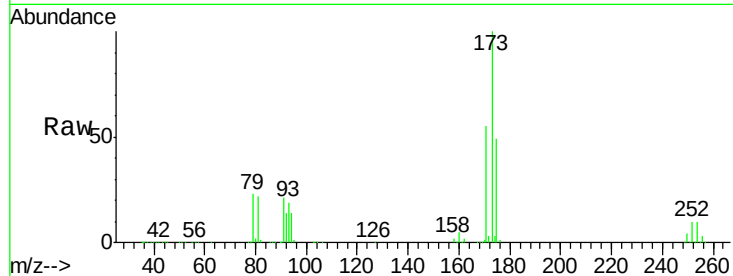
254 0.1 0.2 0.2#

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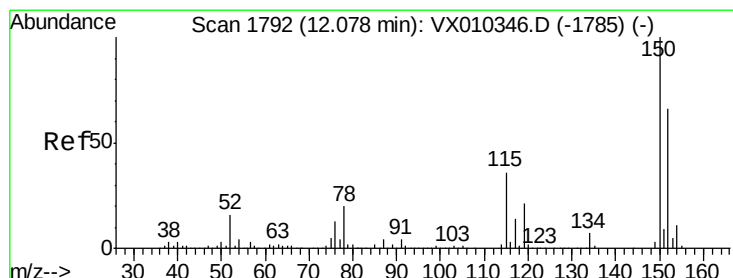
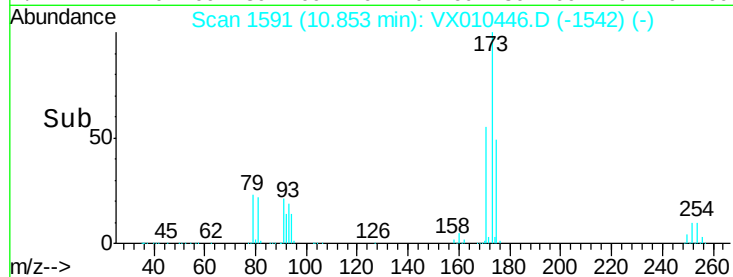
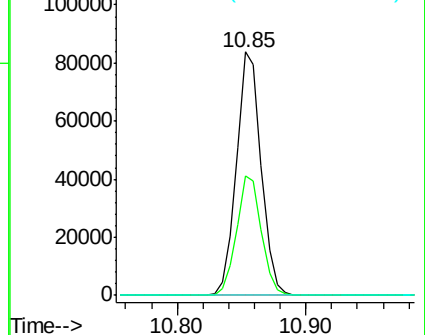
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

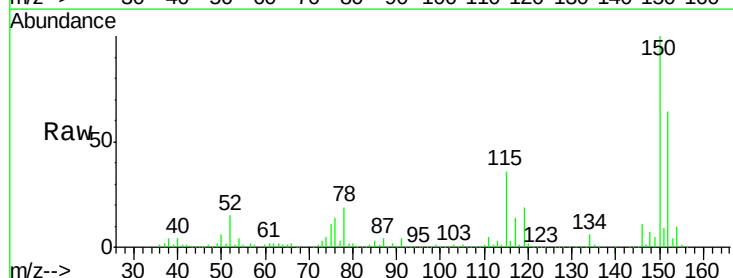
Tgt Ion:152 Resp: 179681

Ion Ratio Lower Upper

152 100

115 77.0 38.6 115.7

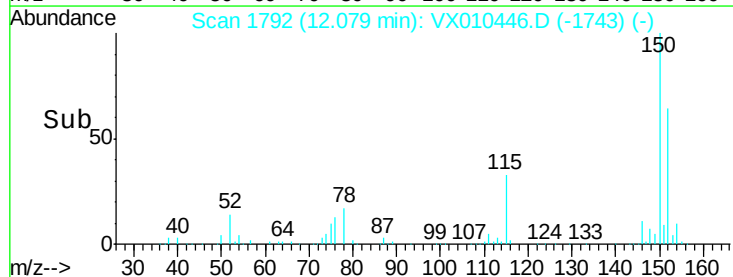
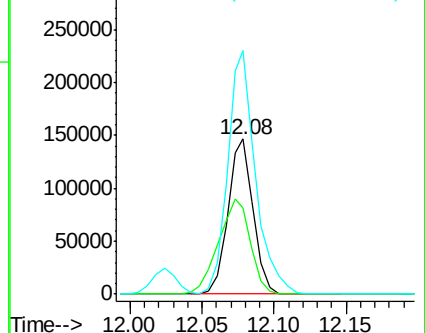
150 172.4 0.0 347.4

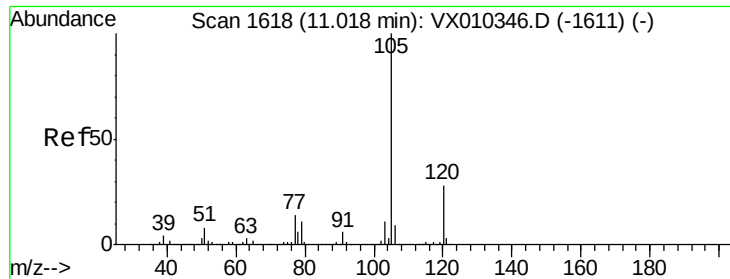


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.583 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 603924

Ion Ratio Lower Upper

105 100

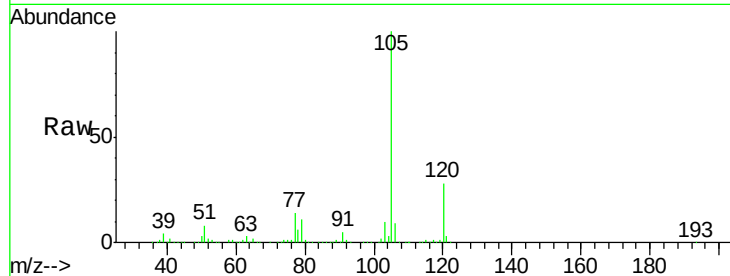
120 27.7 14.1 42.4

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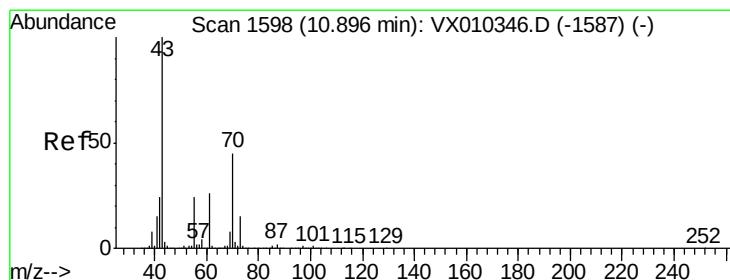
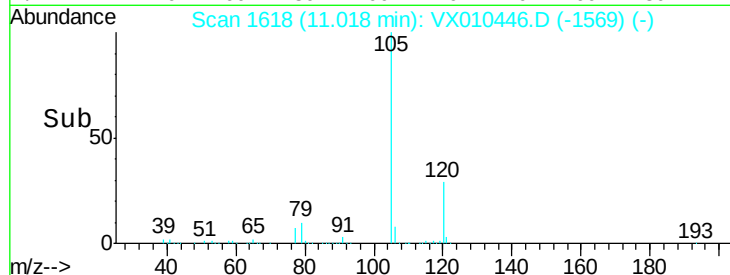
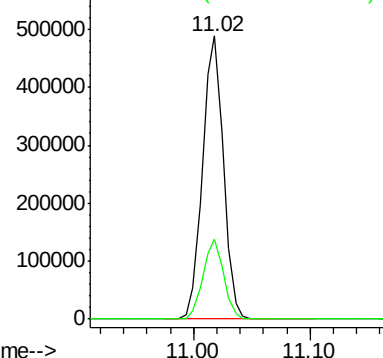
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.618 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Tgt Ion: 43 Resp: 237603

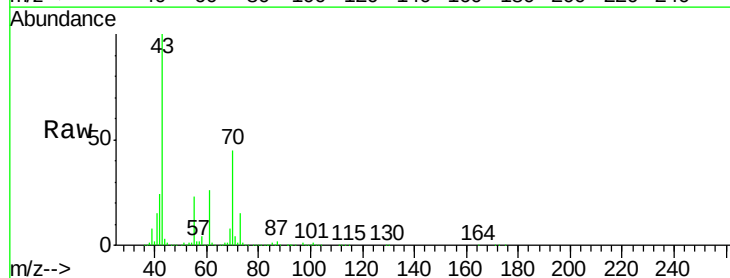
Ion Ratio Lower Upper

43 100

70 45.2 36.6 54.8

55 23.6 18.7 28.1

61 25.5 20.6 31.0

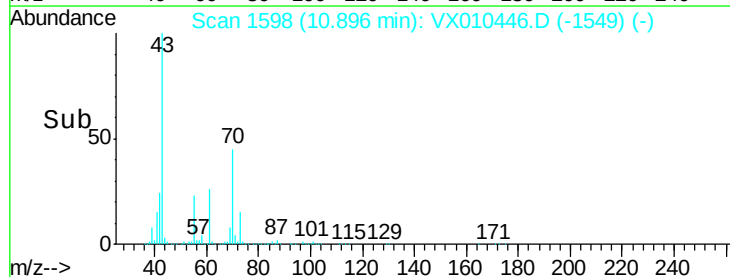
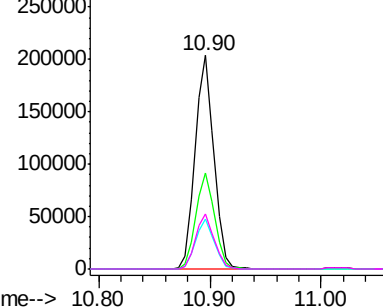


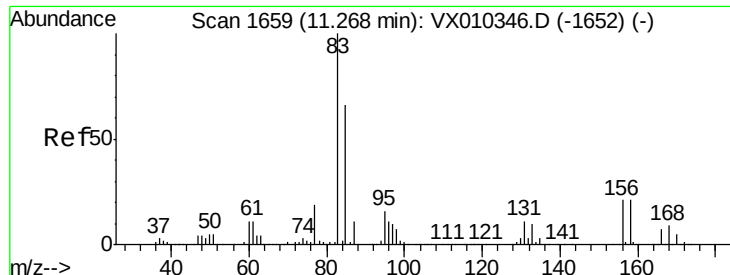
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.382 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 203227

Ion Ratio Lower Upper

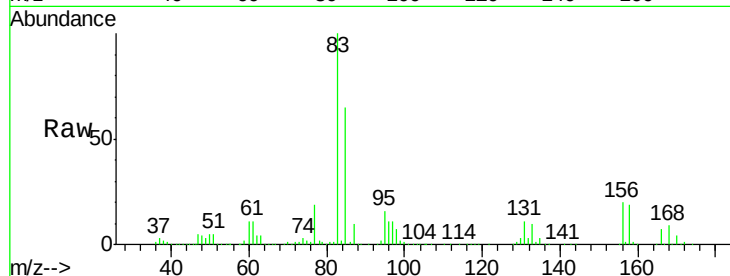
83 100

131 11.0 5.5 16.4

85 64.4 32.3 96.8

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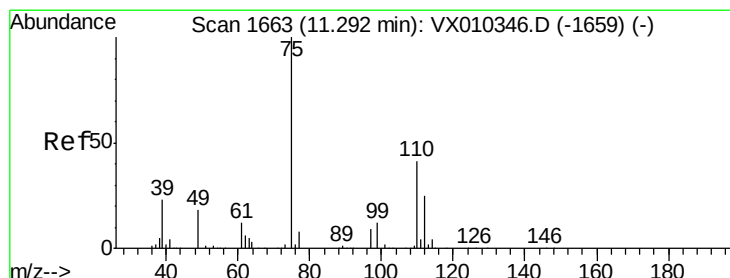
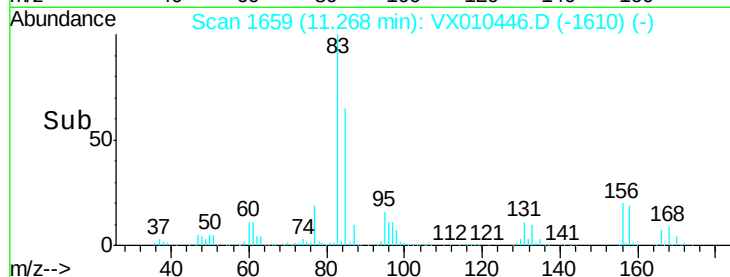
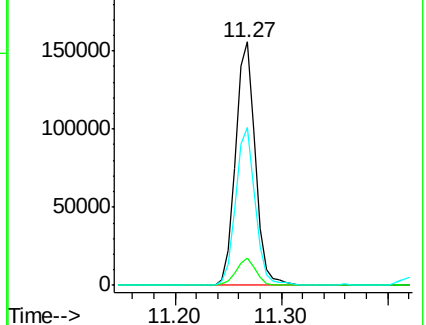
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.046 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010446.D

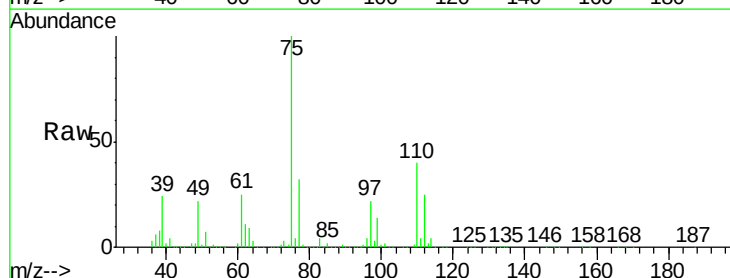
Acq: 25 Jun 2019 20:12

Tgt Ion: 75 Resp: 163864

Ion Ratio Lower Upper

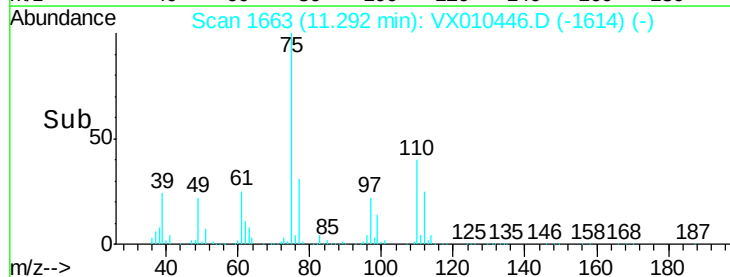
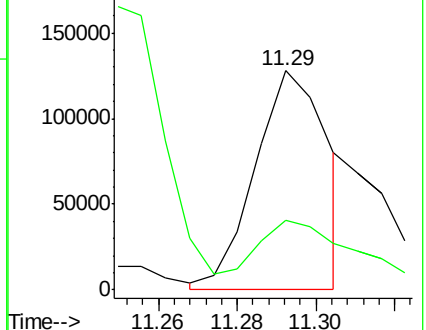
75 100

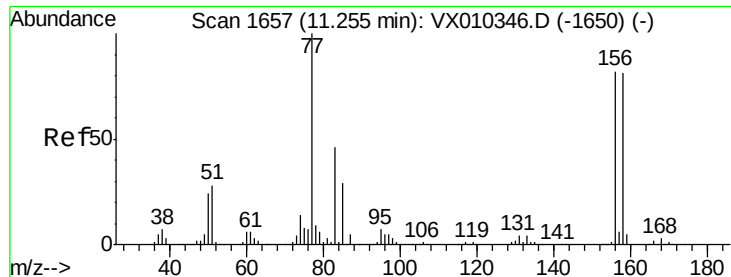
77 44.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.522 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 165025

Ion Ratio Lower Upper

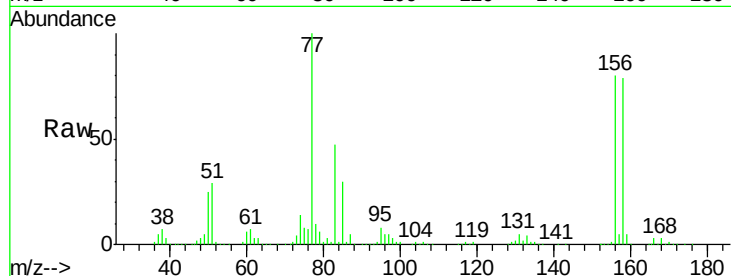
156 100

77 132.8 66.3 198.7

158 97.6 48.9 146.7

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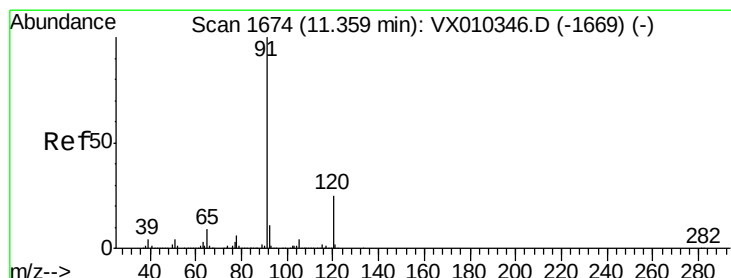
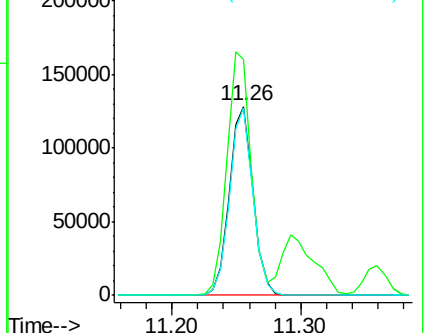
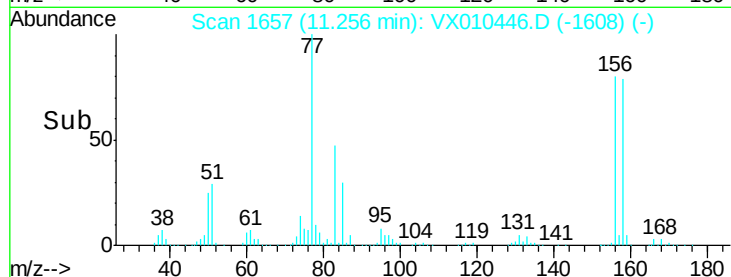
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.725 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010446.D

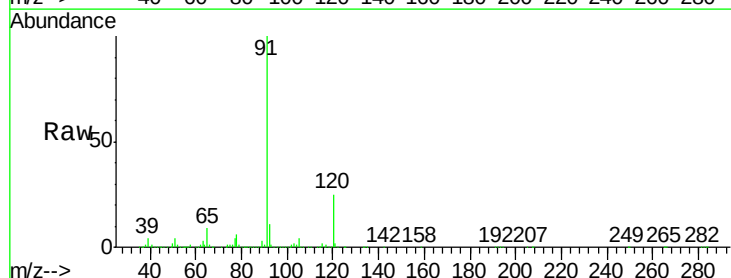
Acq: 25 Jun 2019 20:12

Tgt Ion: 91 Resp: 665650

Ion Ratio Lower Upper

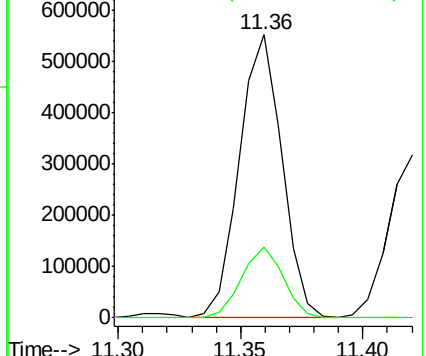
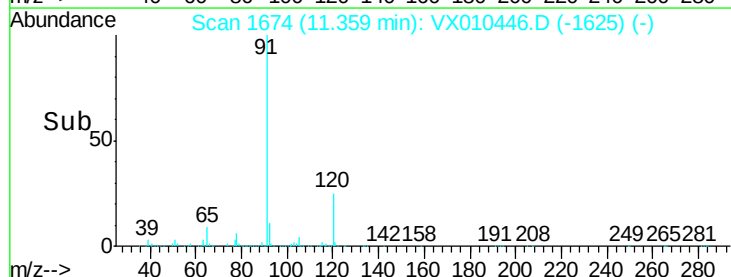
91 100

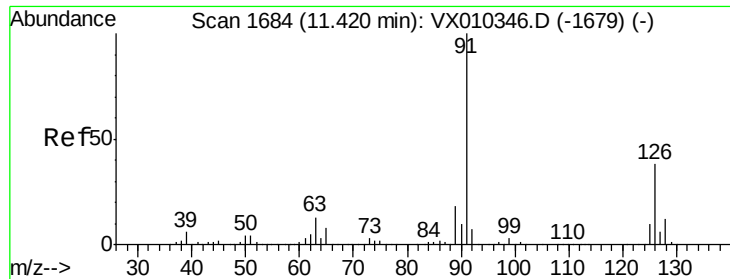
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





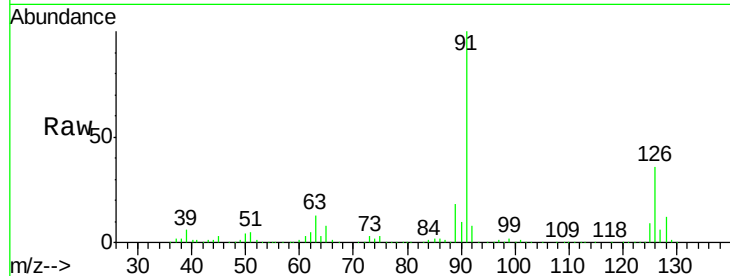
#79
 2-Chlorotoluene
 Concen: 49.296 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

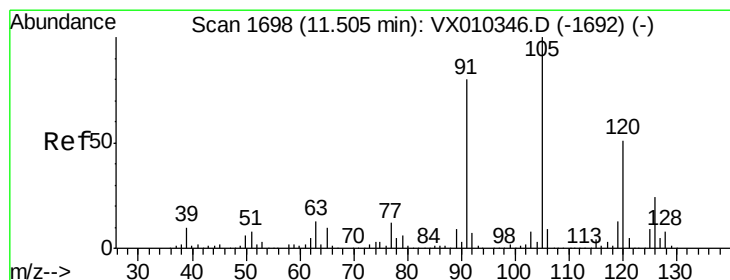
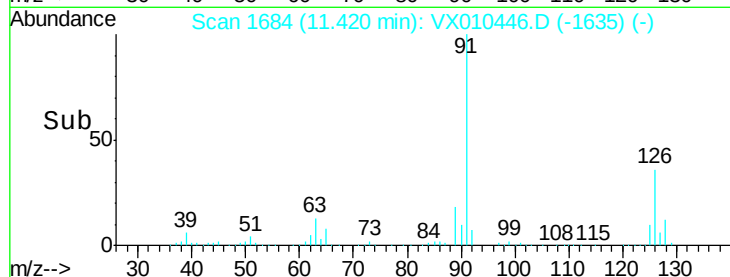
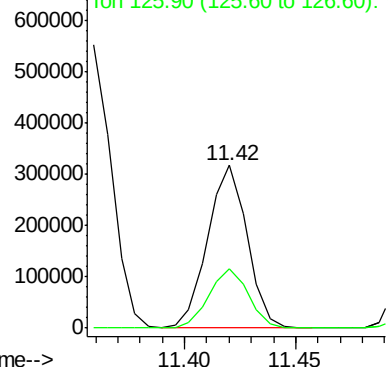
Tot Ion: 91 Resp: 392953
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.7 56.1

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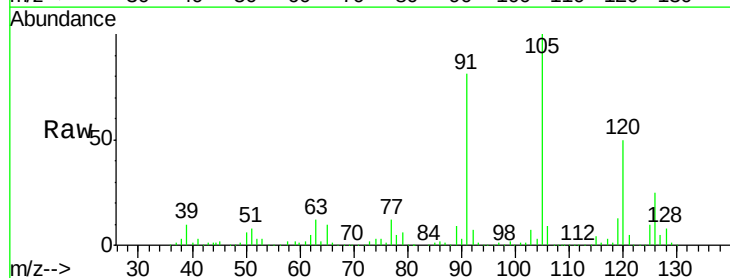


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

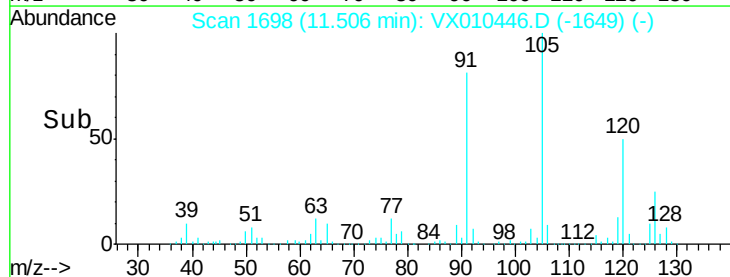
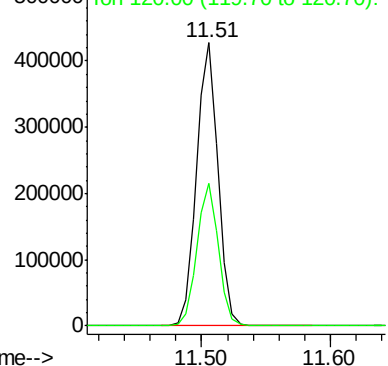


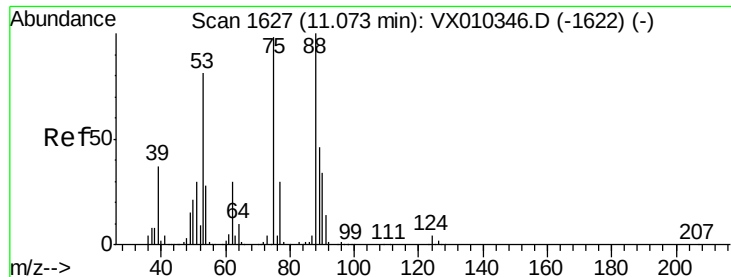
#80
 1,3,5-Trimethylbenzene
 Concen: 50.133 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion: 105 Resp: 503385
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





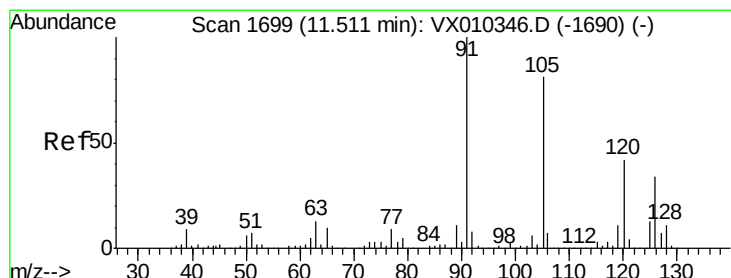
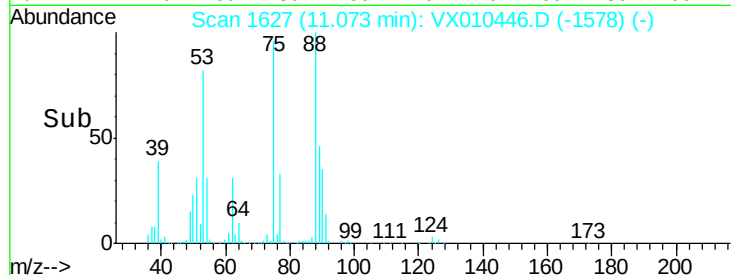
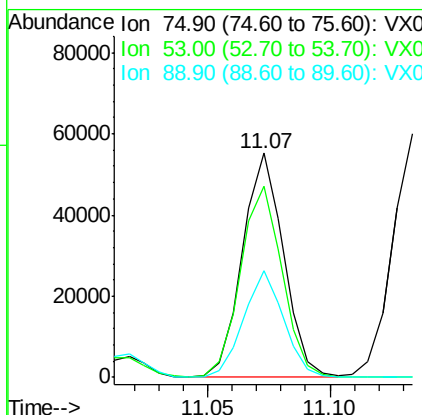
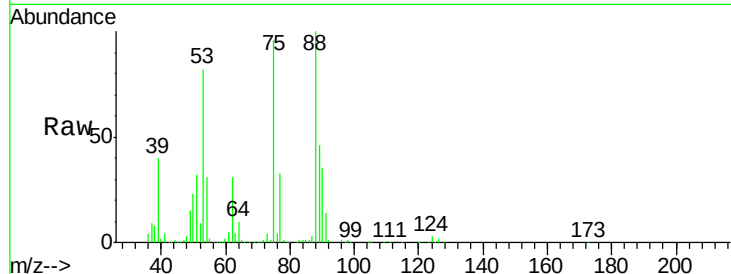
#81
trans-1,4-Dichloro-2-butene
Concen: 45.833 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.7	66.1	99.1
89	46.8	37.8	56.6

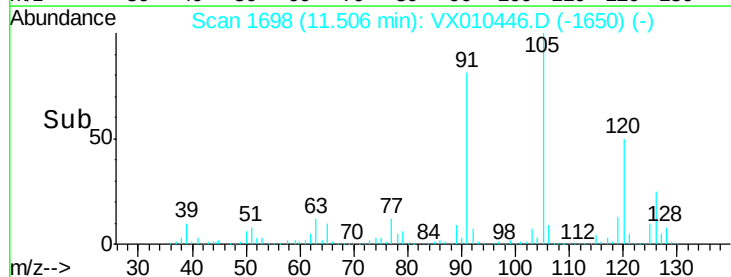
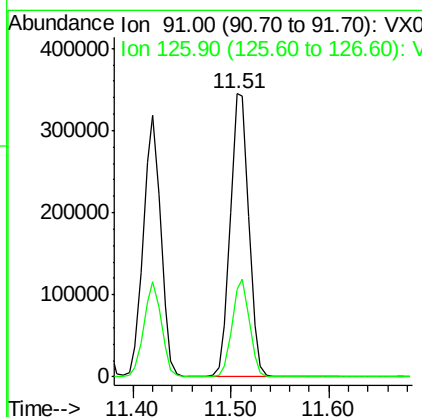
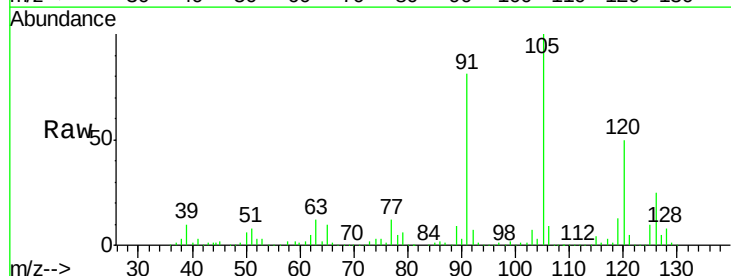
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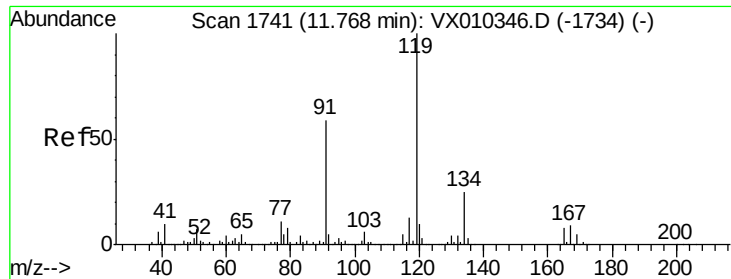
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#82
4-Chlorotoluene
Concen: 49.954 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010446.D
Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.6





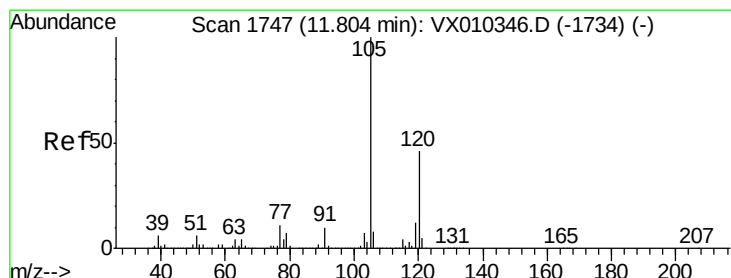
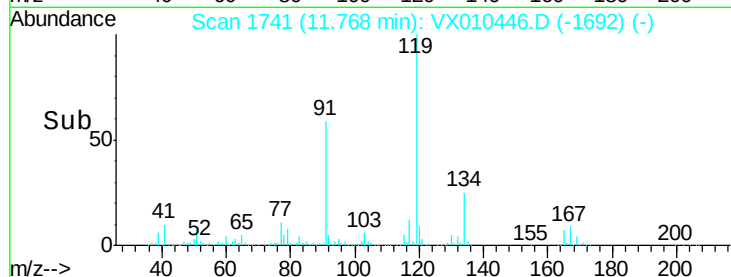
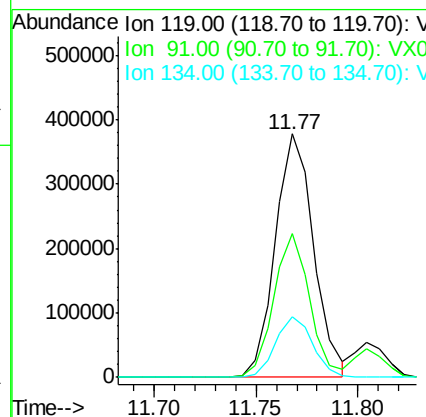
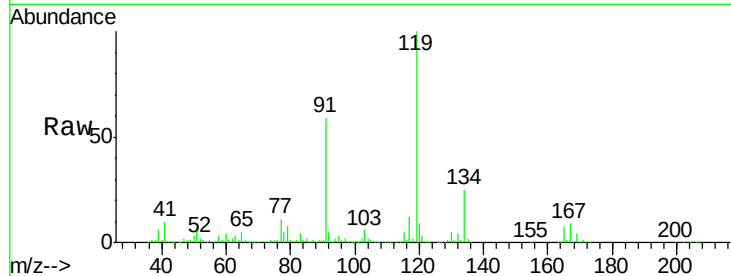
#83
 tert-Butylbenzene
 Concen: 49.195 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.6	82.7
134	23.9	11.8	35.4

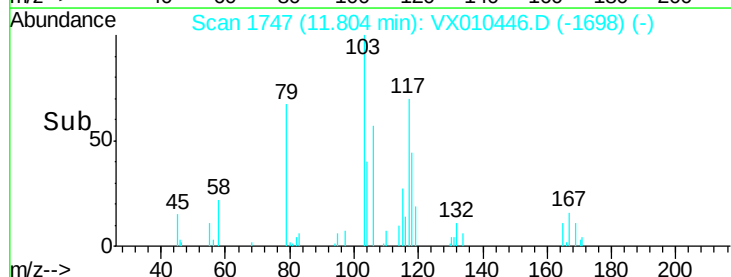
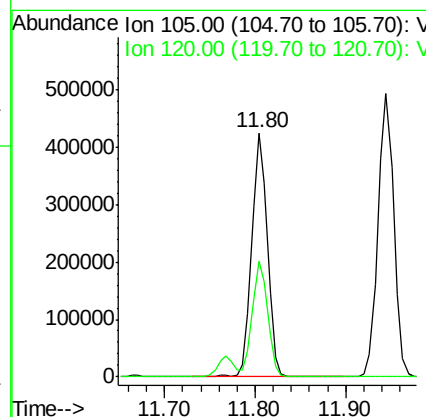
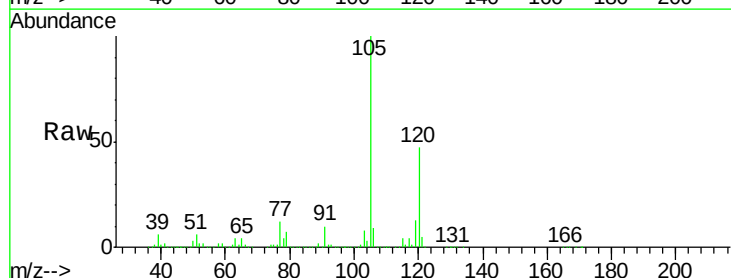
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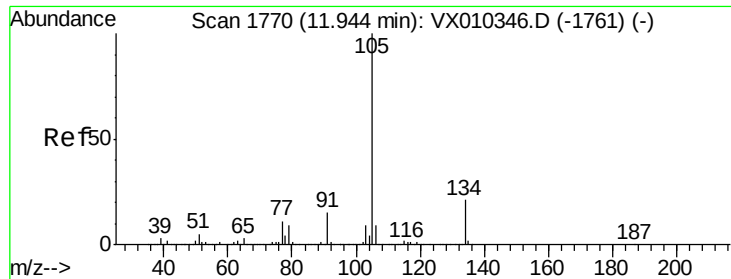
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.424 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.228 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 594344

Ion Ratio Lower Upper

105 100

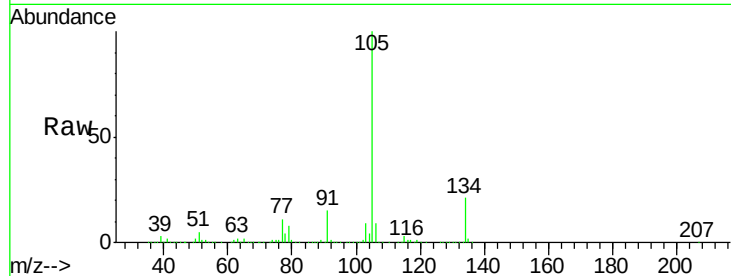
134 21.1 10.7 31.9

Manual Integrations

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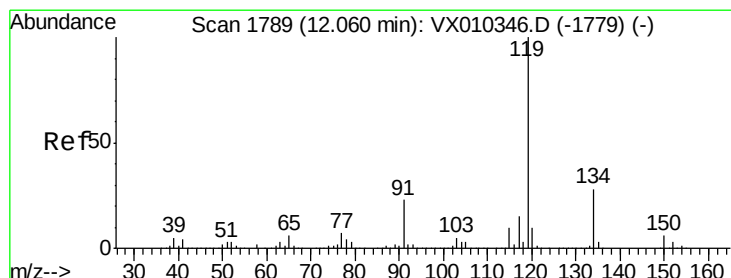
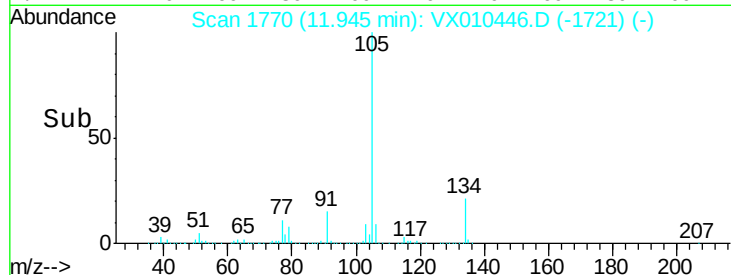
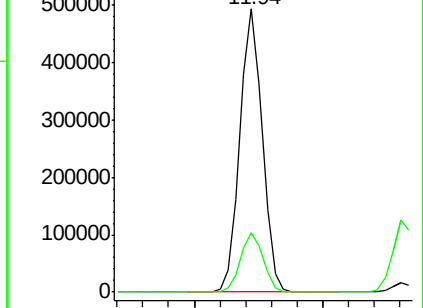
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.466 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

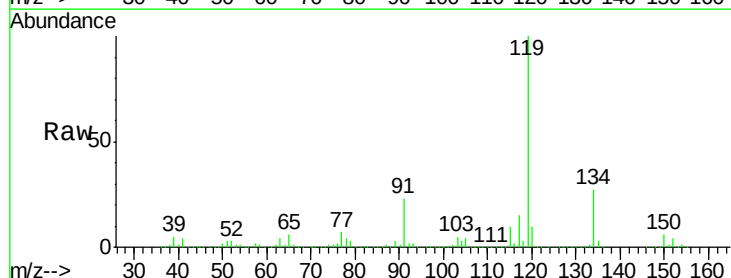
Tgt Ion:119 Resp: 541416

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

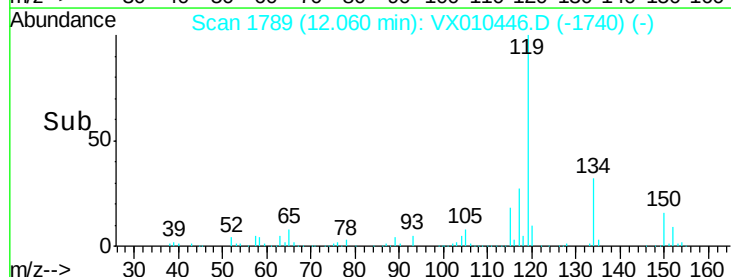
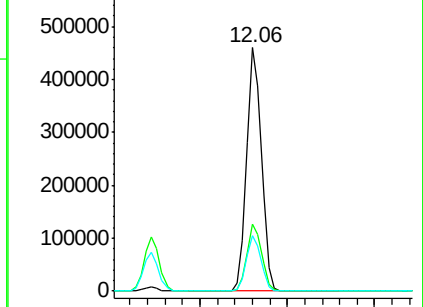
91 22.5 11.3 33.8

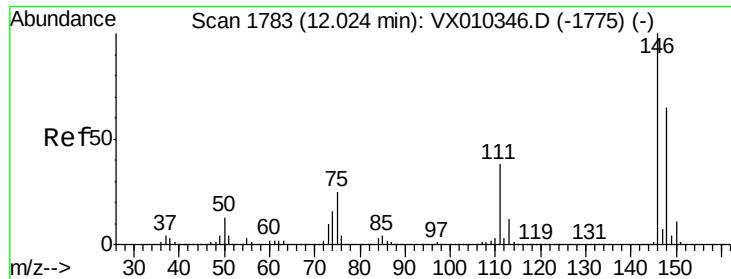


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





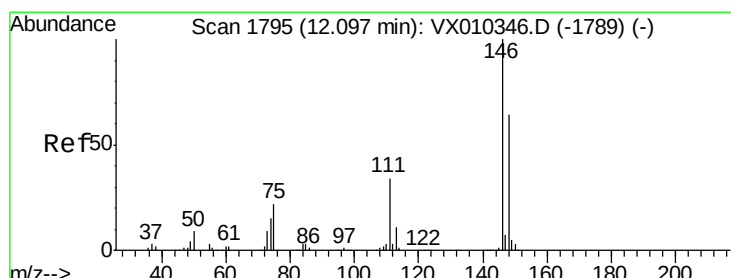
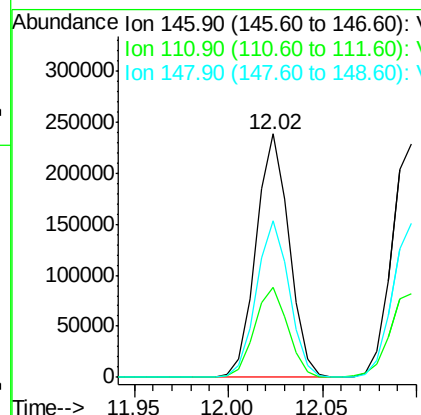
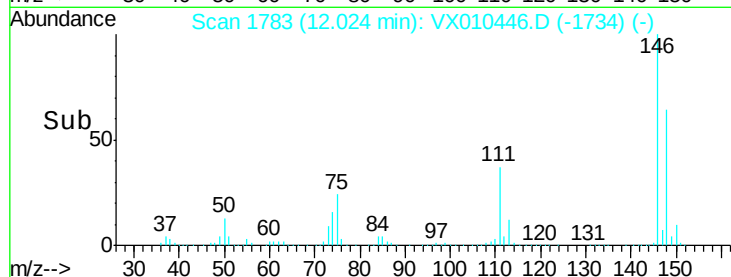
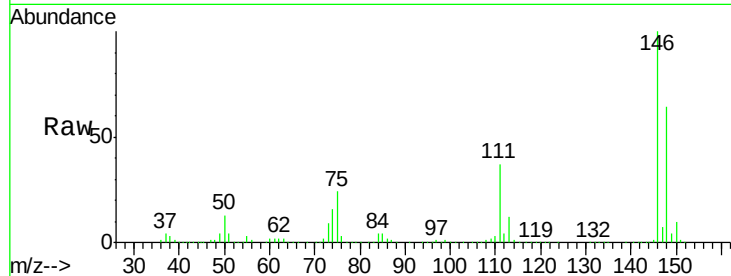
#87
 1,3-Dichlorobenzene
 Concen: 48.786 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	63.9	32.5	97.4

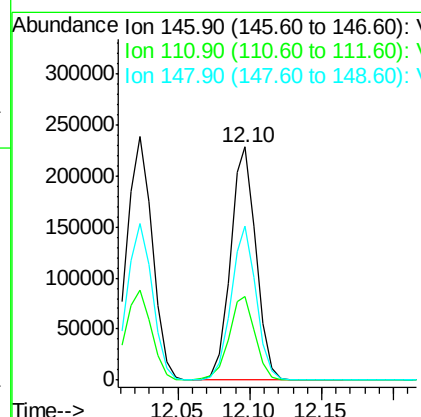
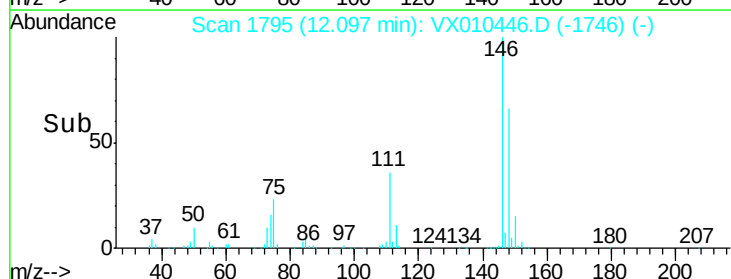
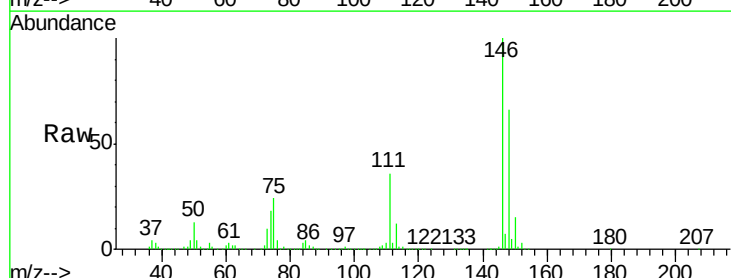
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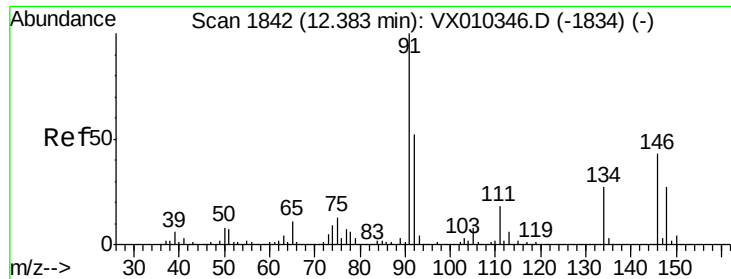
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#88
 1,4-Dichlorobenzene
 Concen: 46.912 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.3
148	64.9	32.1	96.3





#89

n-Butylbenzene

Concen: 49.848 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

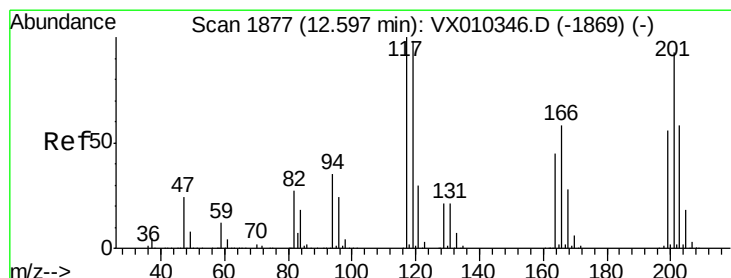
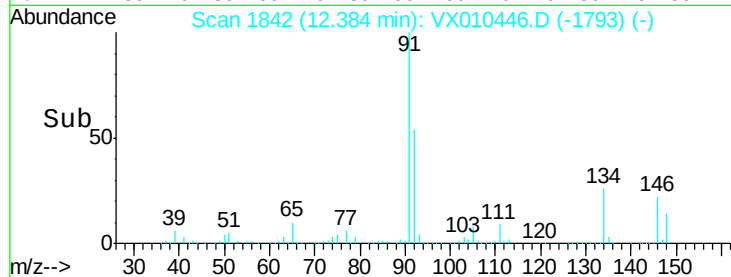
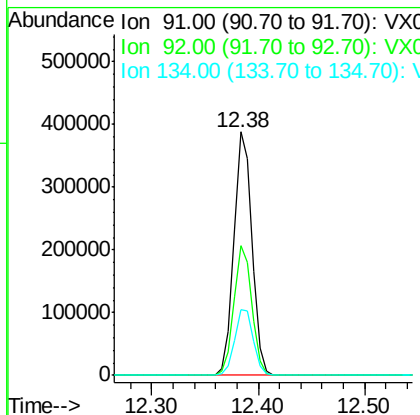
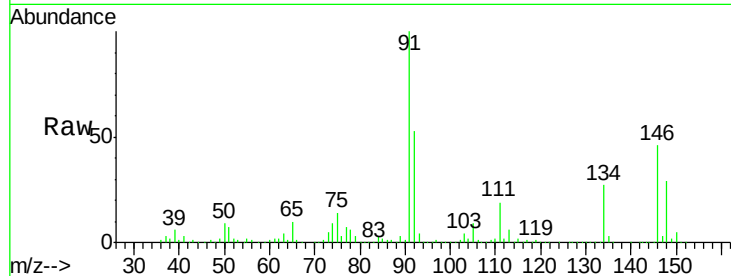
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	463619
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.2	78.5
134	28.0	14.1	42.4

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#90

Hexachloroethane

Concen: 49.238 ug/l

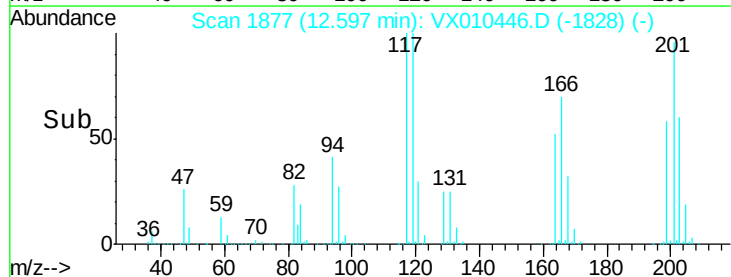
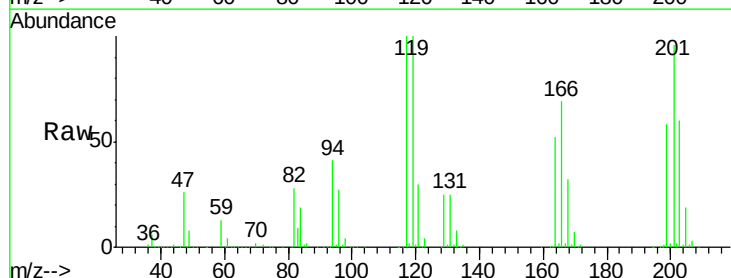
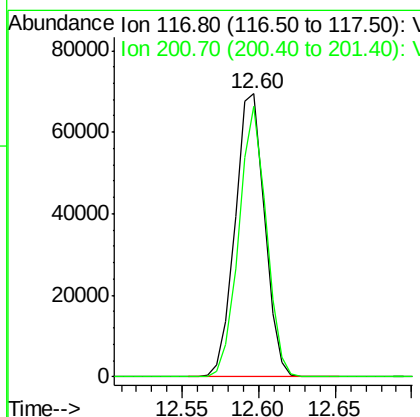
RT: 12.60 min Scan# 1877

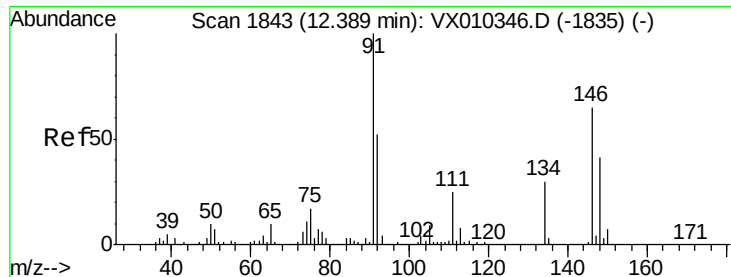
Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Tgt Ion:	117	Resp:	93187
Ion Ratio	Lower	Upper	
117	100		
201	88.3	44.0	131.8





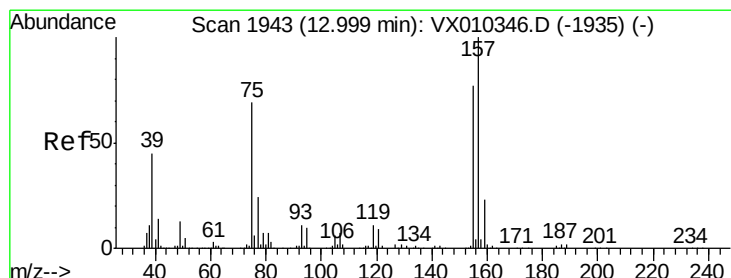
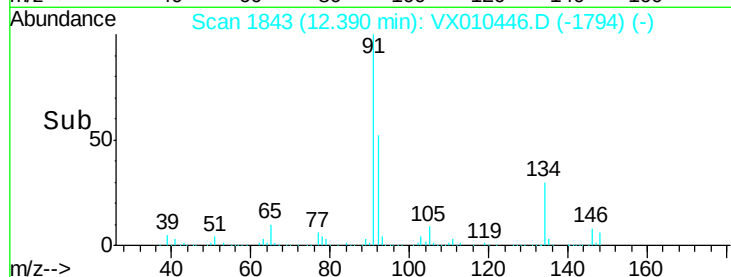
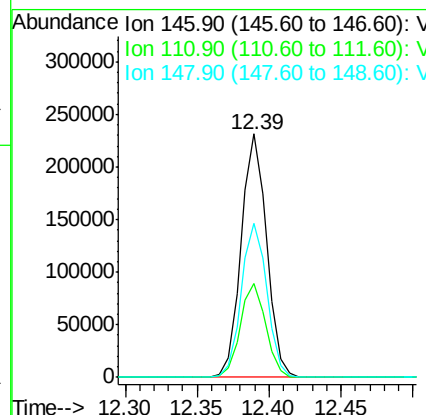
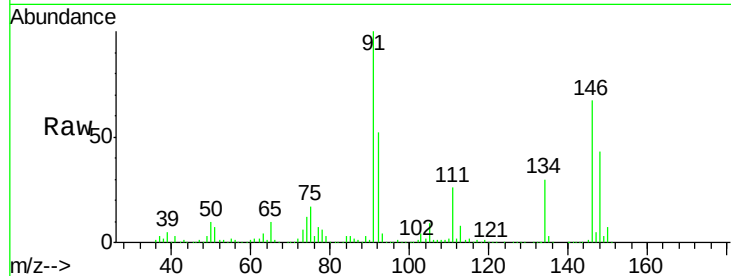
#91
 1,2-Dichlorobenzene
 Concen: 48.315 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285077		
111	38.5	19.2	57.6	
148	63.8	32.0	96.0	

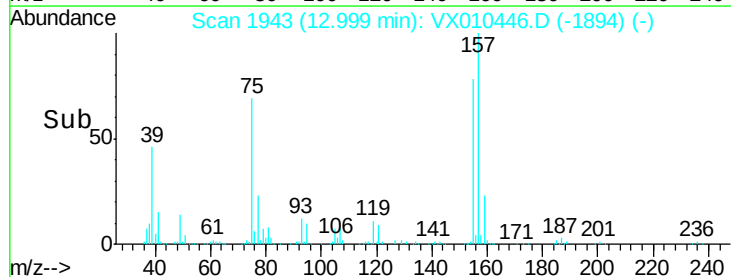
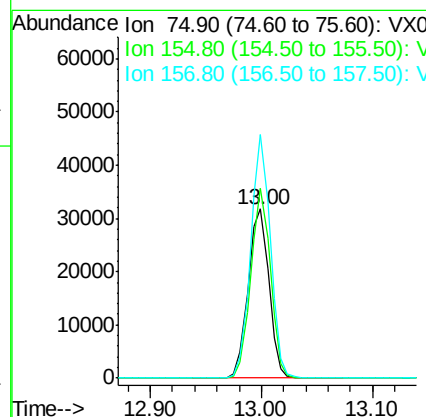
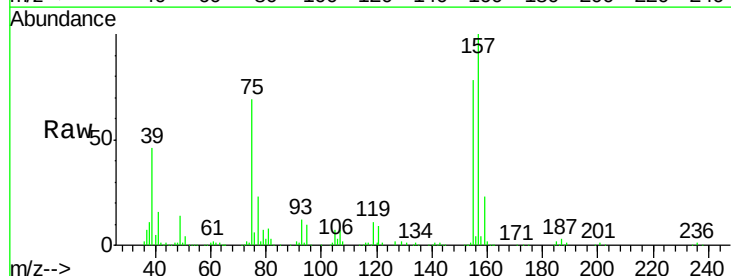
Manual Integrations
 APPROVED

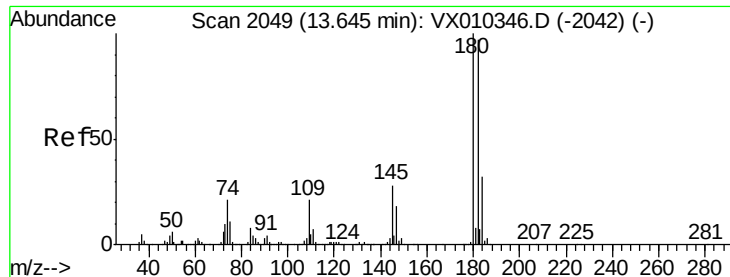
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.402 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41225		
155	106.0	54.4	163.1	
157	135.5	69.5	208.3	





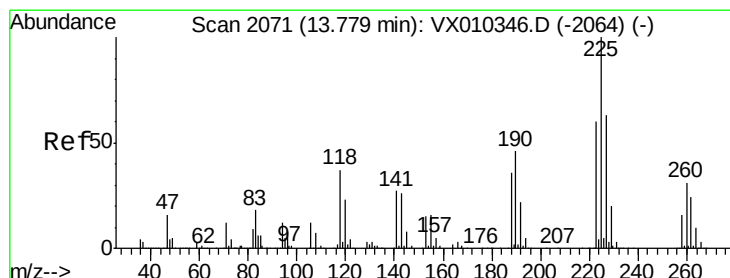
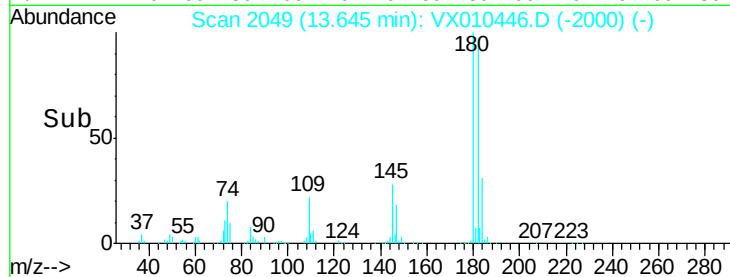
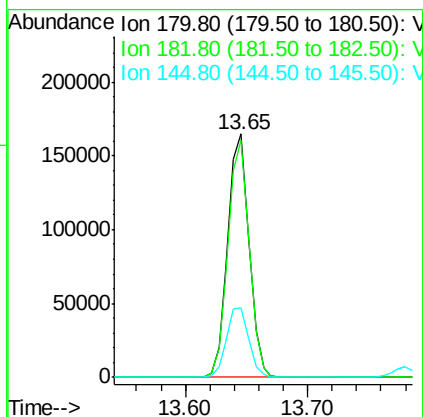
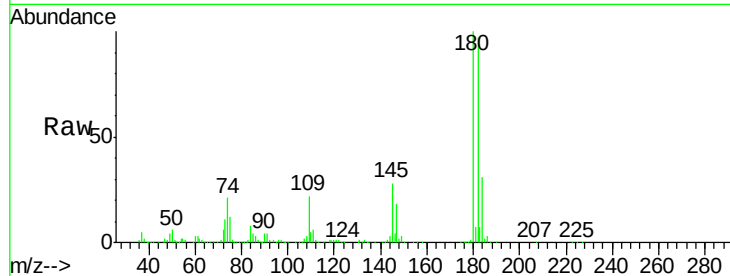
#93
 1,2,4-Trichlorobenzene
 Concen: 48.388 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	197994		
182	96.8	48.0	144.0	
145	29.7	14.4	43.4	

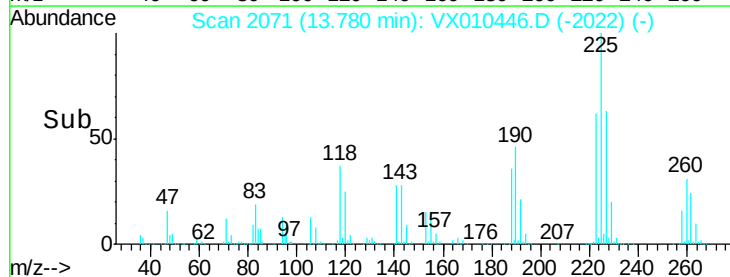
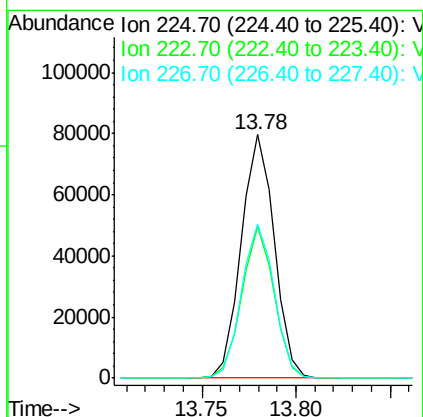
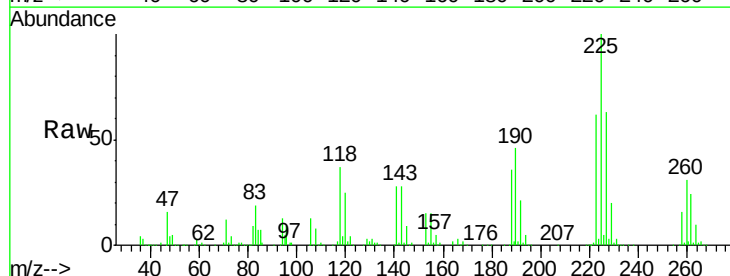
Manual Integrations
 APPROVED

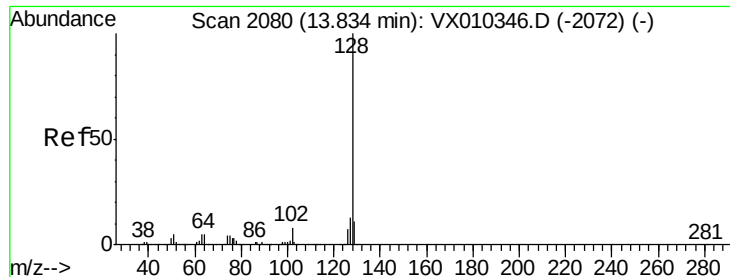
MMDadoda
 6/26/2019 8:49:17 AM



#94
 Hexachlorobutadiene
 Concen: 48.341 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010446.D
 Acq: 25 Jun 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96672		
223	60.7	30.9	92.7	
227	62.6	31.9	95.5	





#95

Naphthalene

Concen: 50.447 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Instrument :

MSVOA_X

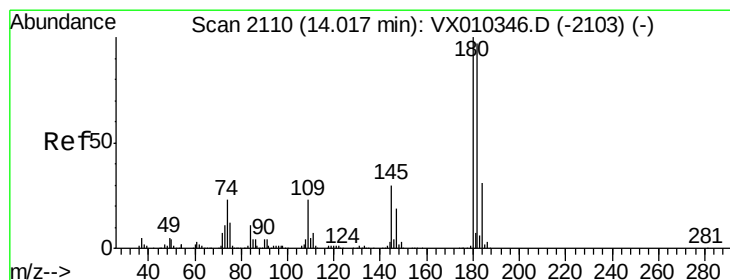
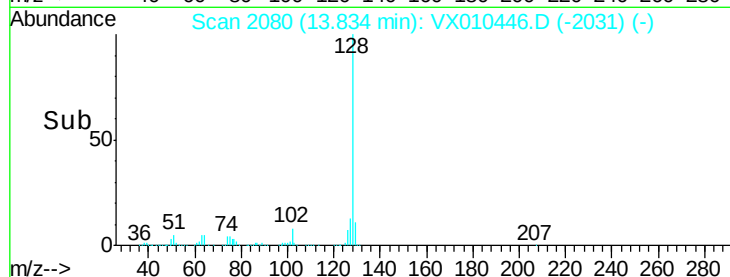
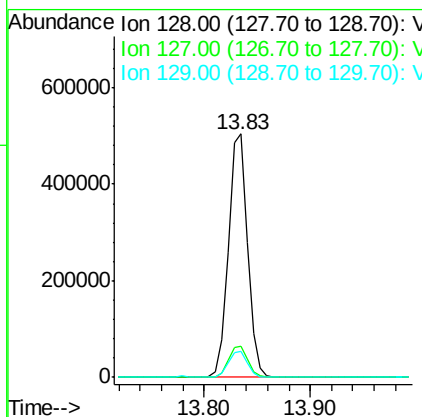
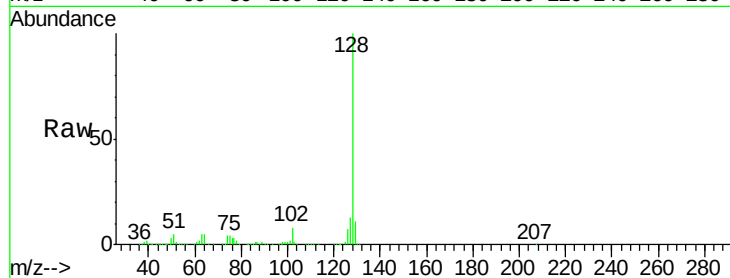
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	634336
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/26/2019 8:49:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.793 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010446.D

Acq: 25 Jun 2019 20:12

Tgt Ion:	180	Resp:	202572
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.3
145	30.2	15.2	45.6

