

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061119\
 Data File : VX010237.D
 Acq On : 11 Jun 2019 17:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 9:21:47 AM

Quant Time: Jun 12 08:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	367620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99809	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
35) Dibromofluoromethane	5.49	113	99896	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	
50) Toluene-d8	8.71	98	383504	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.13	95	144544	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111723	48.090	ug/l	99
3) Chloromethane	1.32	50	101449	43.970	ug/l	100
4) Vinyl Chloride	1.41	62	107300	49.482	ug/l	99
5) Bromomethane	1.64	94	45083	55.095	ug/l	98
6) Chloroethane	1.71	64	63363	57.956	ug/l	99
7) Trichlorofluoromethane	1.92	101	171264	53.170	ug/l	100
8) Diethyl Ether	2.18	74	58021	52.262	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101426	45.680	ug/l	90
10) Methyl Iodide	2.51	142	155416	45.177	ug/l	96
11) Tert butyl alcohol	3.05	59	133829	221.667	ug/l	98
12) 1,1-Dichloroethene	2.37	96	97931	43.182	ug/l #	79
13) Acrolein	2.29	56	28101	255.264	ug/l	98
14) Allyl chloride	2.73	41	143025	41.780	ug/l #	88
15) Acrylonitrile	3.14	53	270880	219.508	ug/l	98
16) Acetone	2.44	43	263510	227.327	ug/l #	86
17) Carbon Disulfide	2.57	76	253049	38.617	ug/l	99
18) Methyl Acetate	2.77	43	110469	43.334	ug/l #	81
19) Methyl tert-butyl Ether	3.19	73	313680	43.053	ug/l	93
20) Methylene Chloride	2.85	84	108704	42.701	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	104179	41.510	ug/l #	80
22) Diisopropyl ether	3.85	45	291995	44.613	ug/l #	85
23) Vinyl Acetate	3.81	43	1296315	222.014	ug/l #	88
24) 1,1-Dichloroethane	3.69	63	169780	42.724	ug/l	96
25) 2-Butanone	4.67	43	392446	227.360	ug/l #	83
26) 2,2-Dichloropropane	4.57	77	154605	42.646	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	123208	44.129	ug/l	77
28) Bromochloromethane	5.01	49	78629	44.149	ug/l #	47
29) Tetrahydrofuran	5.12	42	239163	220.472	ug/l #	76
30) Chloroform	5.21	83	180723	43.790	ug/l	99
31) Cyclohexane	5.57	56	159006	44.335	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	163877	42.238	ug/l #	93
36) 1,1-Dichloropropene	5.79	75	135134	45.056	ug/l	92
37) Ethyl Acetate	4.83	43	138774	44.470	ug/l #	92
38) Carbon Tetrachloride	5.78	117	151541	44.640	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187300	45.862	ug/l #	84
40) Benzene	6.14	78	426005	45.935	ug/l	99
41) Methacrylonitrile	5.04	41	74798	44.311	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	130452	44.060	ug/l	93
43) Isopropyl Acetate	6.44	43	230845	44.243	ug/l #	89
44) Trichloroethene	7.21	130	129766	46.420	ug/l	85
45) 1,2-Dichloropropane	7.51	63	105997	45.664	ug/l	100
46) Dibromomethane	7.66	93	76523	44.003	ug/l	89
47) Bromodichloromethane	7.90	83	145241	44.696	ug/l #	99
48) Methyl methacrylate	7.77	41	108476	44.455	ug/l #	76
49) 1,4-Dioxane	7.74	88	65349	939.314	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	750704	240.841	ug/l	90
52) Toluene	8.78	92	282250	46.298	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164682	43.814	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	177534	44.059	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	117349	47.001	ug/l	95
56) Ethyl methacrylate	9.18	69	182019	46.152	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	180636	45.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	424551	228.343	ug/l #	86
59) 2-Hexanone	9.49	43	596956	240.202	ug/l	88
60) Dibromochloromethane	9.58	129	135502	45.883	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127625	45.897	ug/l	100
64) Tetrachloroethene	9.34	164	118949	47.557	ug/l	94
65) Chlorobenzene	10.13	112	322803	46.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121570	45.482	ug/l	99
67) Ethyl Benzene	10.25	91	548896	46.390	ug/l	95
68) m/p-Xylenes	10.36	106	431552	94.252	ug/l	89
69) o-Xylene	10.69	106	213489	46.905	ug/l	87
70) Styrene	10.71	104	370757	48.096	ug/l	94
71) Bromoform	10.85	173	115745	47.104	ug/l #	96
73) Isopropylbenzene	11.02	105	563979	44.028	ug/l	96
74) N-amyl acetate	10.90	43	218219	43.096	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	187395	42.737	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154785m	42.171	ug/l	
77) Bromobenzene	11.25	156	156188	44.339	ug/l	80
78) n-propylbenzene	11.36	91	638943	44.804	ug/l	95
79) 2-Chlorotoluene	11.42	91	368822	43.062	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	474050	43.938	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	68312	41.121	ug/l #	84
82) 4-Chlorotoluene	11.51	91	426988	43.886	ug/l	91
83) tert-Butylbenzene	11.77	119	488133	44.700	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	483004	44.321	ug/l	95
85) sec-Butylbenzene	11.94	105	573260	45.059	ug/l	95
86) p-Isopropyltoluene	12.06	119	528583	45.448	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	282674	45.558	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	282235	45.123	ug/l	97
89) n-Butylbenzene	12.38	91	463817	46.329	ug/l	97
90) Hexachloroethane	12.60	117	97136	41.926	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	275176	45.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39517	38.298	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	202326	45.822	ug/l	100
94) Hexachlorobutadiene	13.78	225	98164	49.989	ug/l	100
95) Naphthalene	13.83	128	615526	44.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	201105	46.064	ug/l	99

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

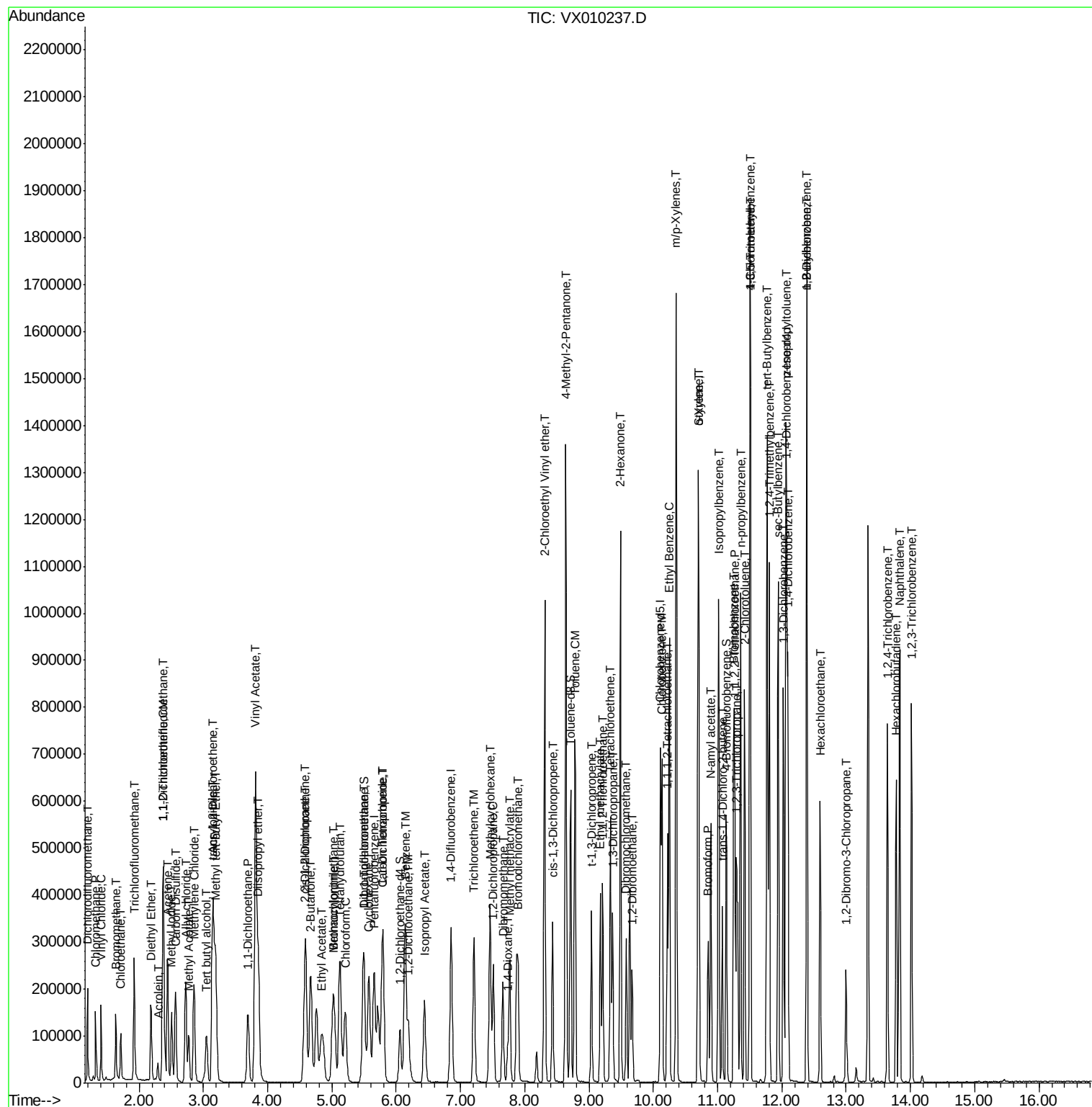
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010237.D
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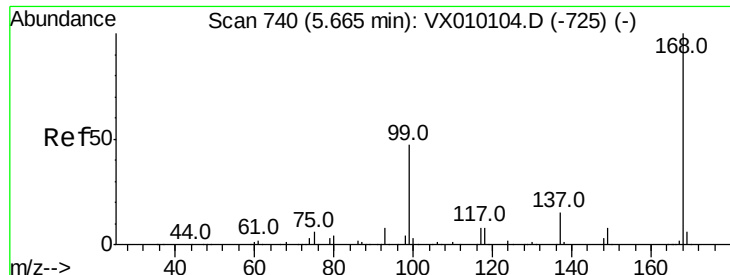
Instrument :
 MSVOA_X
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 252483

Ion Ratio Lower Upper

168 100

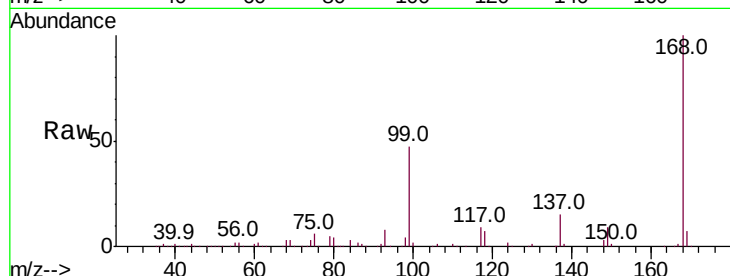
99 47.2 43.0 64.6

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

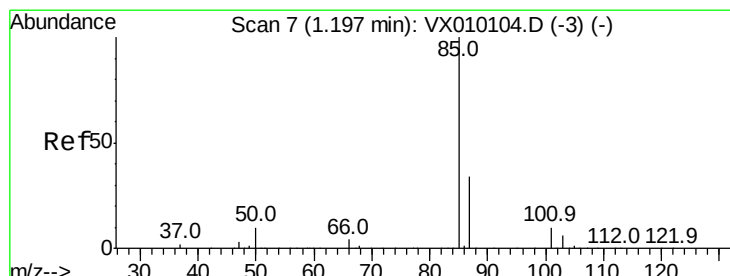
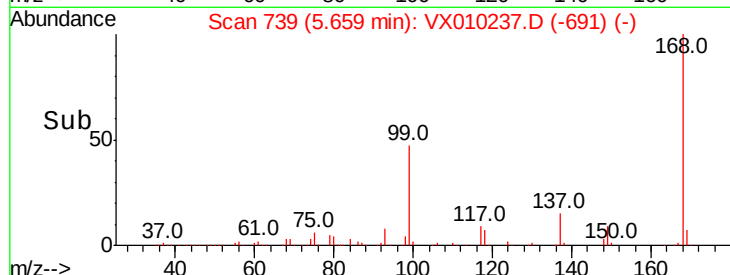
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.090 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010237.D

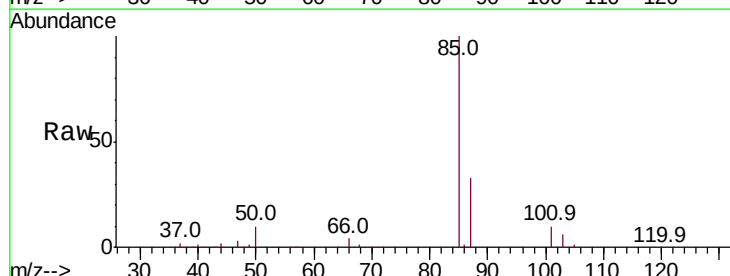
Acq: 11 Jun 2019 17:12

Tgt Ion: 85 Resp: 111723

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

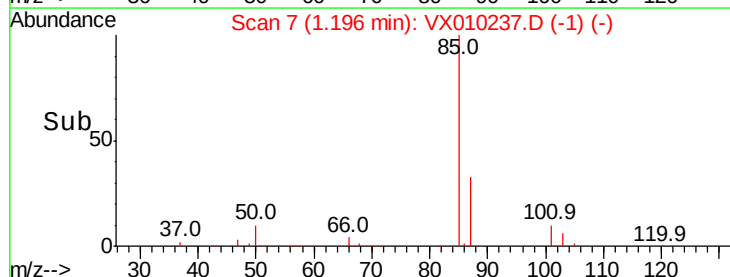
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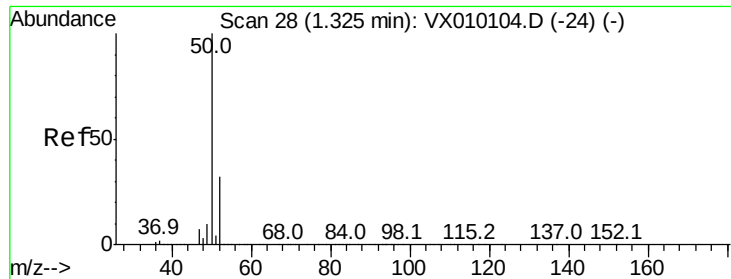
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.970 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 101449

Ion Ratio Lower Upper

50 100

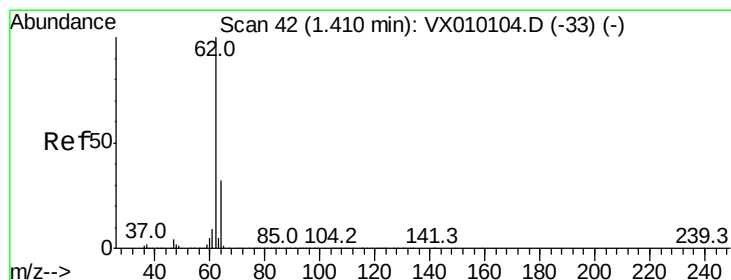
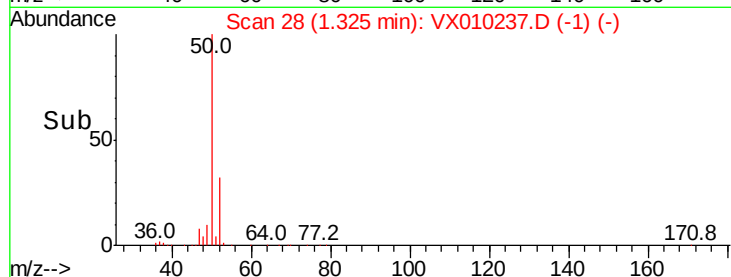
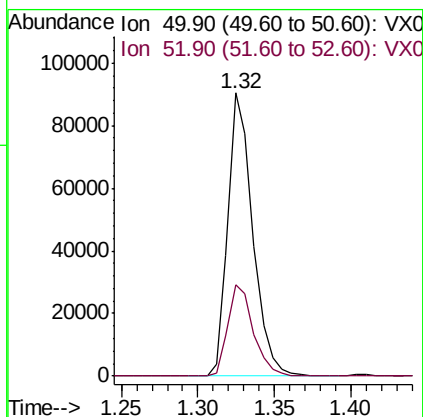
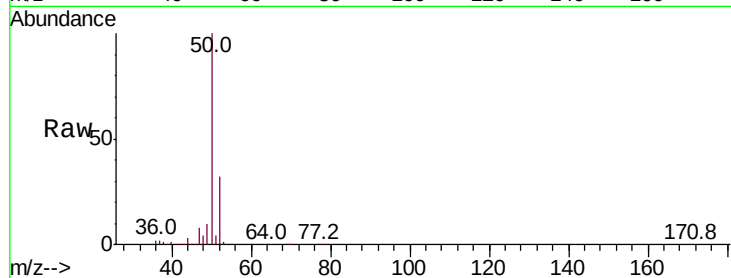
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.482 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010237.D

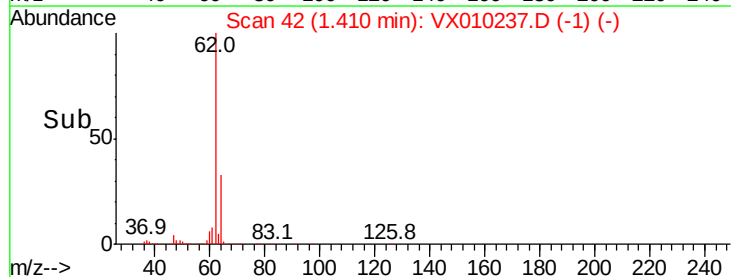
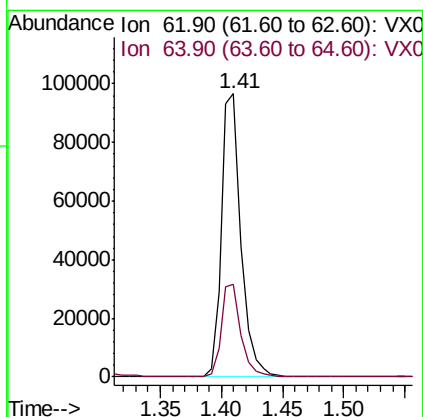
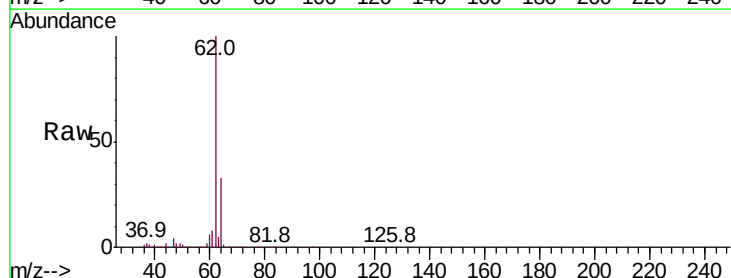
Acq: 11 Jun 2019 17:12

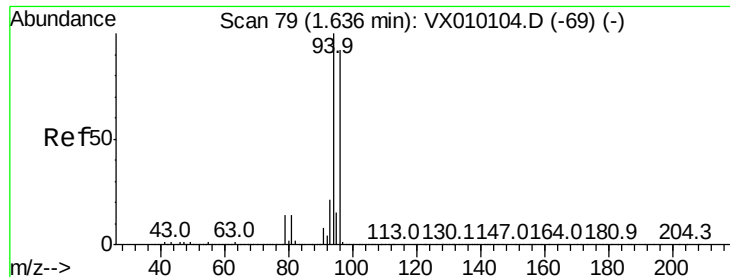
Tgt Ion: 62 Resp: 107300

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 55.095 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 45083

Ion Ratio Lower Upper

94 100

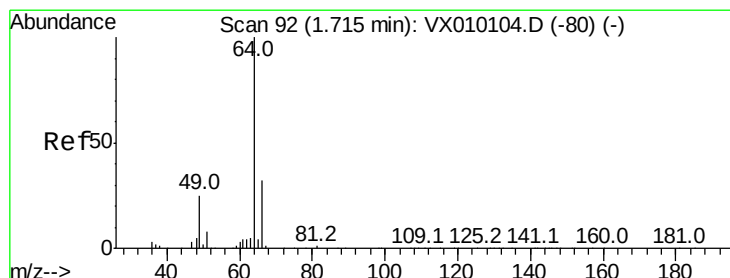
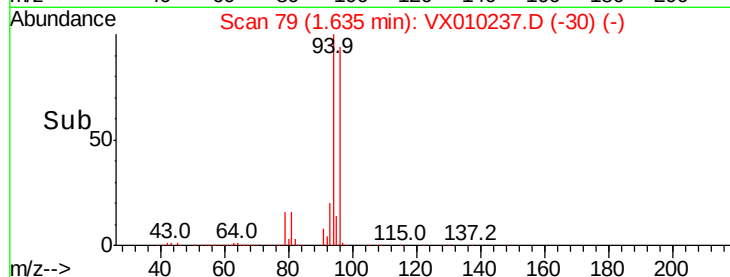
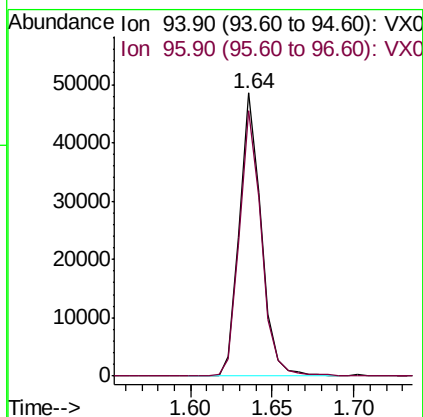
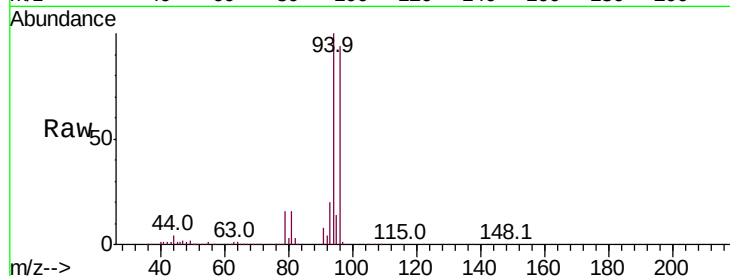
96 93.8 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 57.956 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010237.D

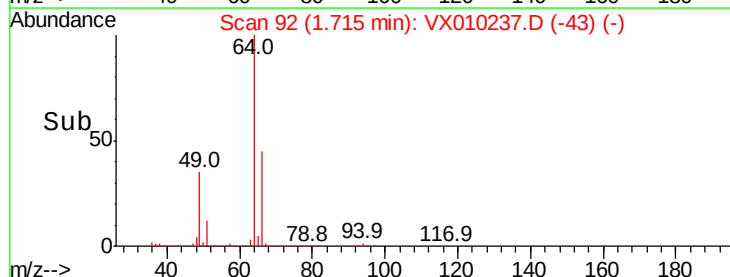
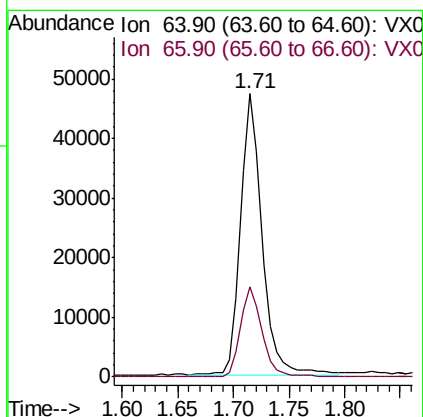
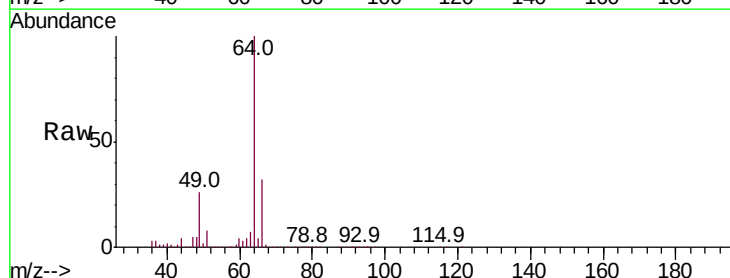
Acq: 11 Jun 2019 17:12

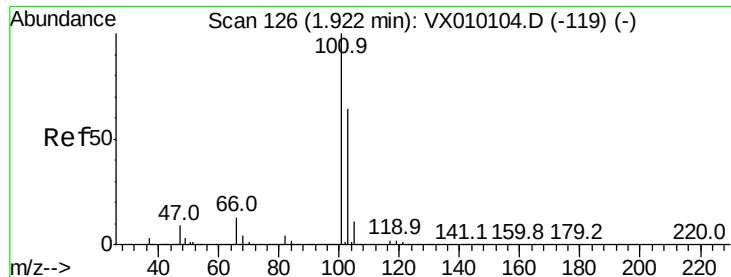
Tgt Ion: 64 Resp: 63363

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7





#7

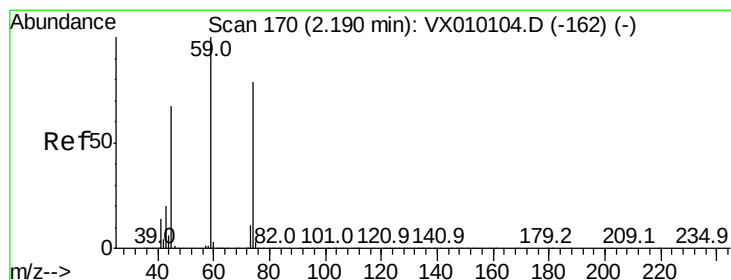
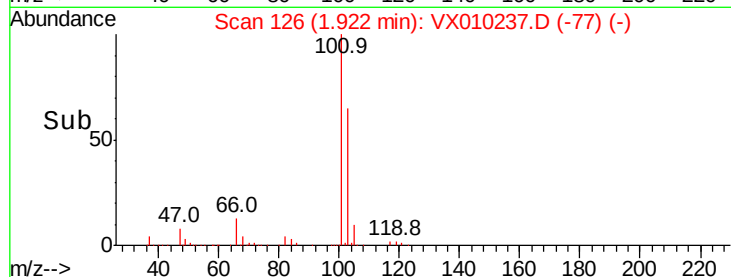
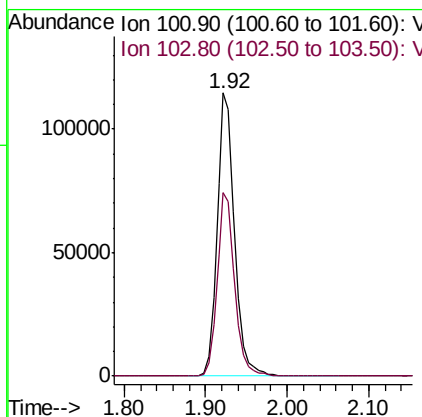
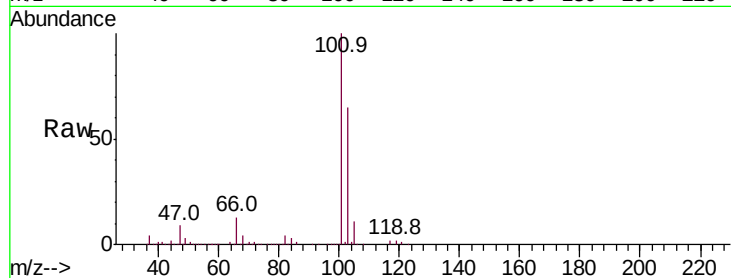
Trichlorofluoromethane
Concen: 53.170 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4

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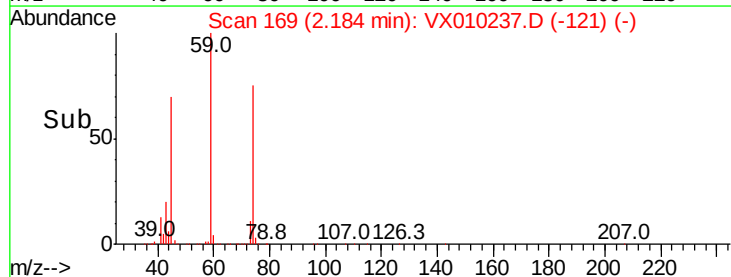
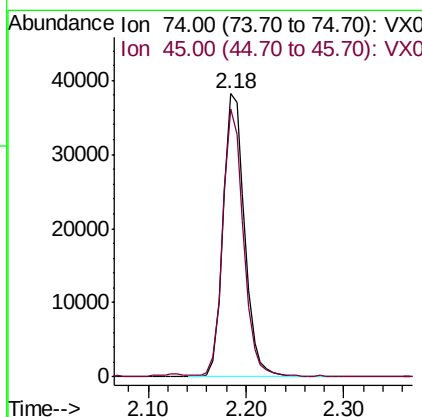
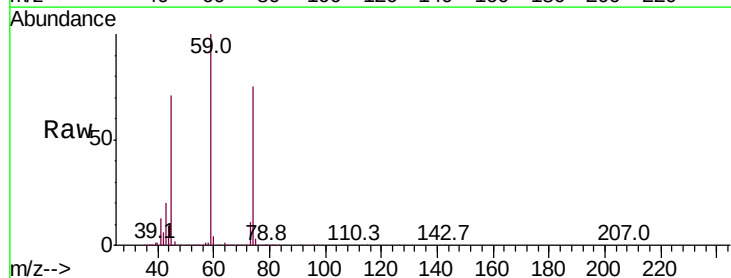
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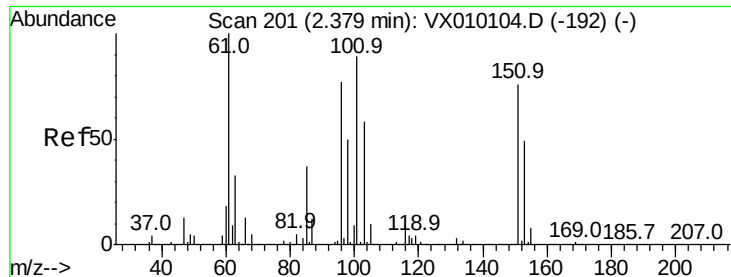


#8

Diethyl Ether
Concen: 52.262 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.680 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

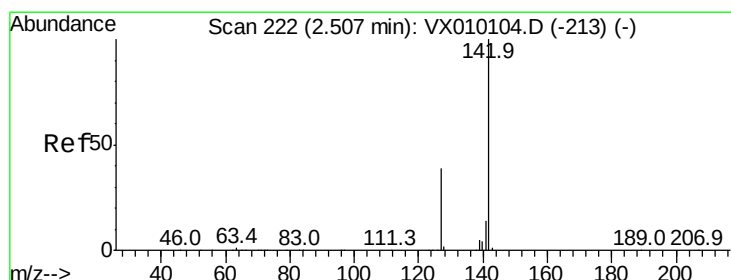
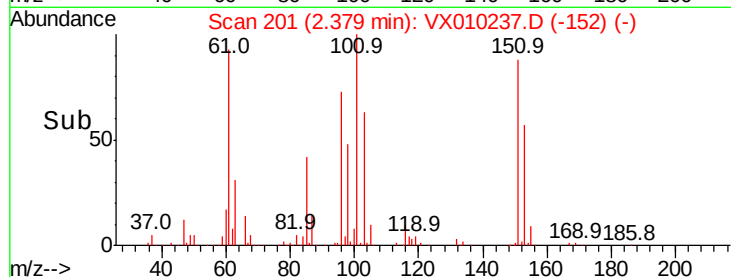
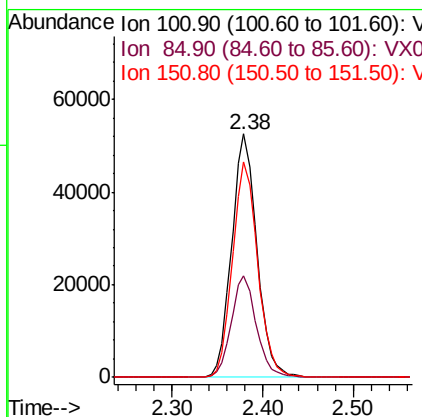
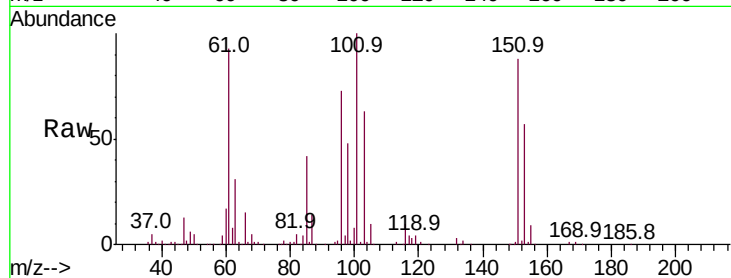
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	101426
Ion Ratio	Lower	Upper	
101	100		
85	41.6	35.2	52.8
151	88.6	61.9	92.9

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#10

Methyl Iodide

Concen: 45.177 ug/l

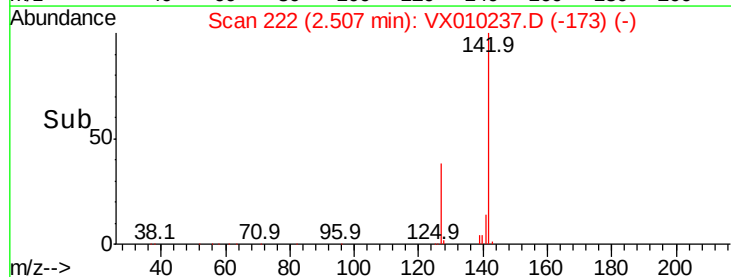
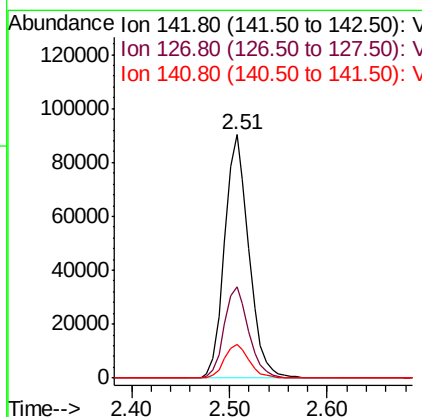
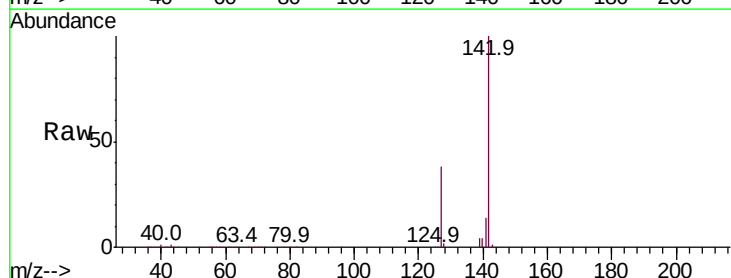
RT: 2.51 min Scan# 222

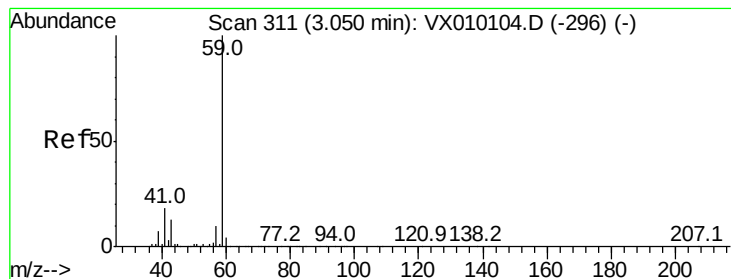
Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	142	Resp:	155416
Ion Ratio	Lower	Upper	
142	100		
127	38.1	33.0	49.4
141	14.0	11.4	17.0





#11

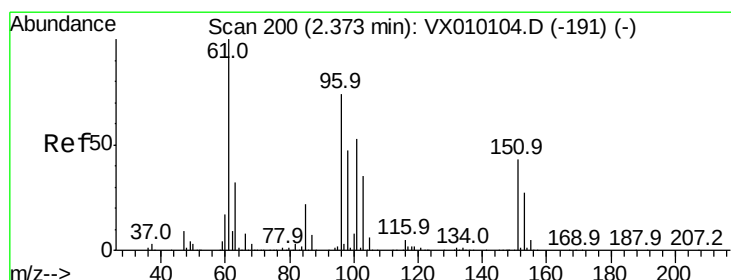
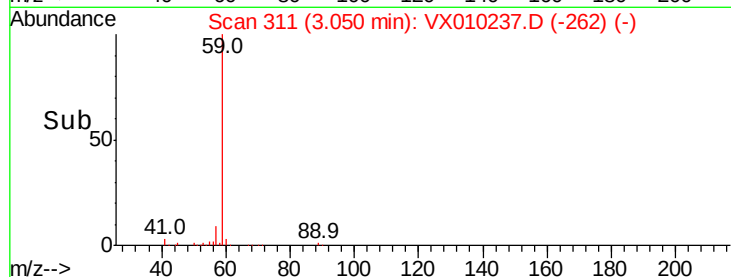
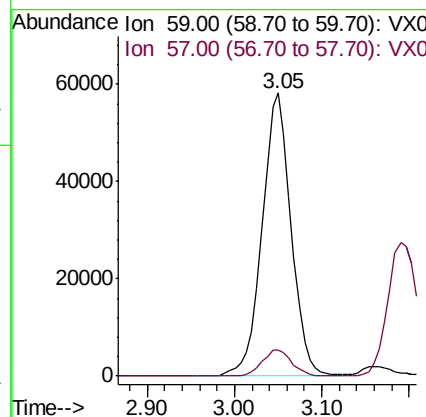
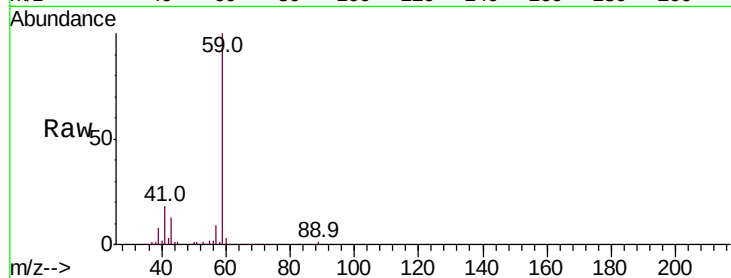
Tert butyl alcohol
 Concen: 221.667 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	133829
Ion Ratio	100	Lower	Upper
57	9.6	8.2	12.2

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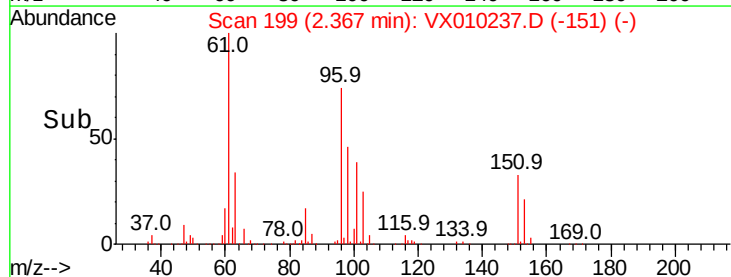
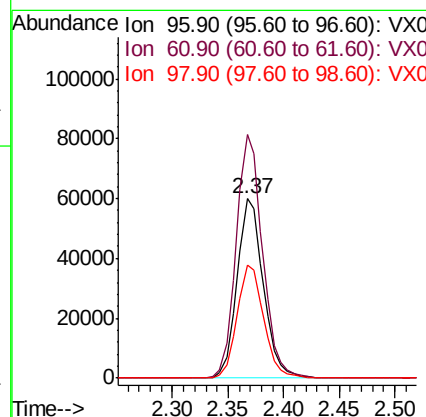
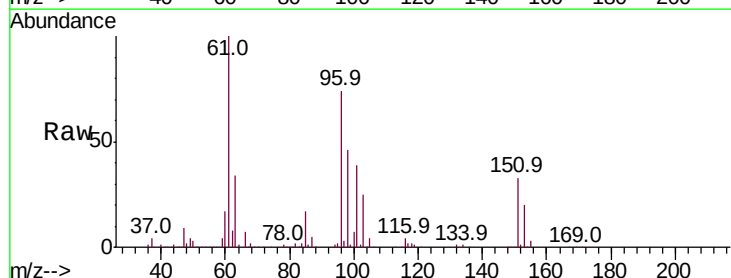
MMDadoda
 6/12/2019 9:21:47 AM

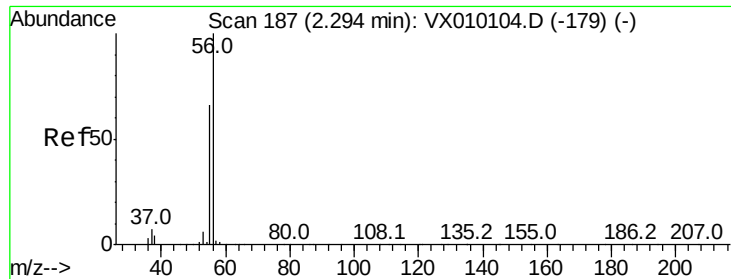


#12

1,1-Dichloroethene
 Concen: 43.182 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Tgt Ion	96	Resp	97931
Ion Ratio	100	Lower	Upper
61	136.0	140.7	211.1#
98	63.0	50.1	75.1





#13

Acrolein

Concen: 255.264 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 28101

Ion Ratio Lower Upper

56 100

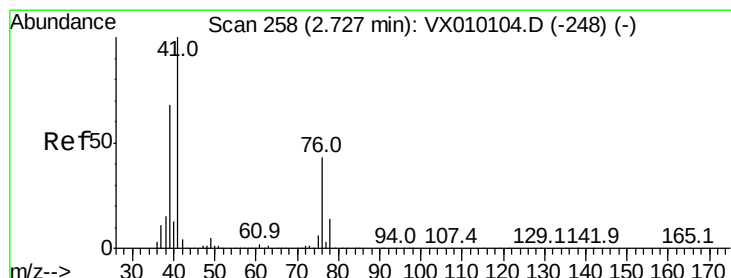
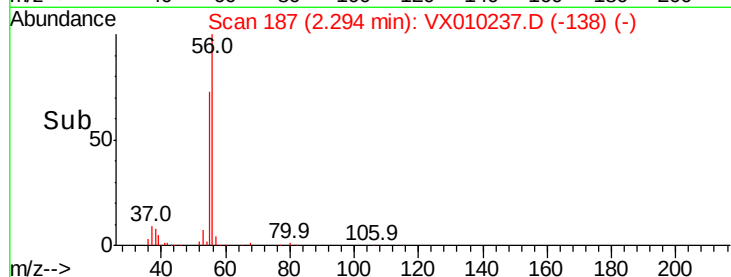
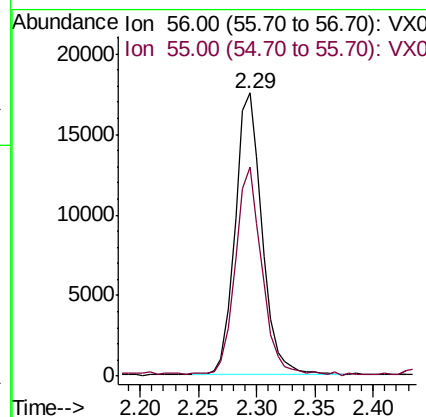
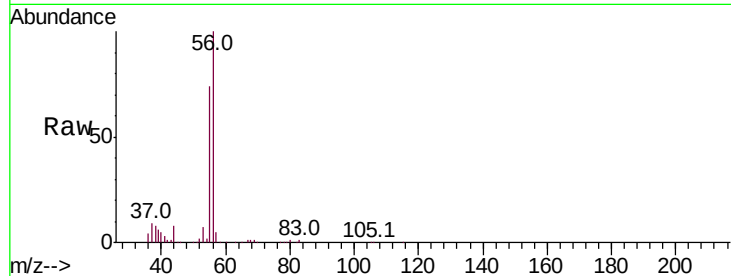
55 72.7 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 41.780 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

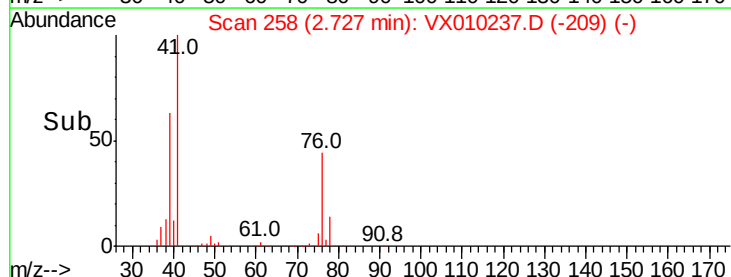
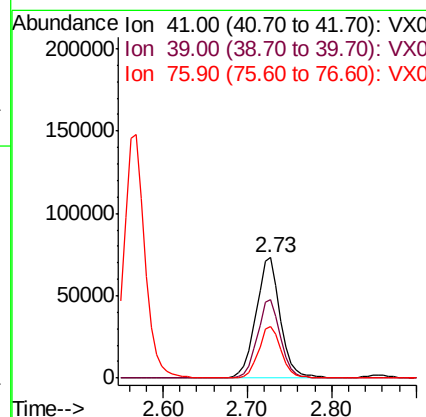
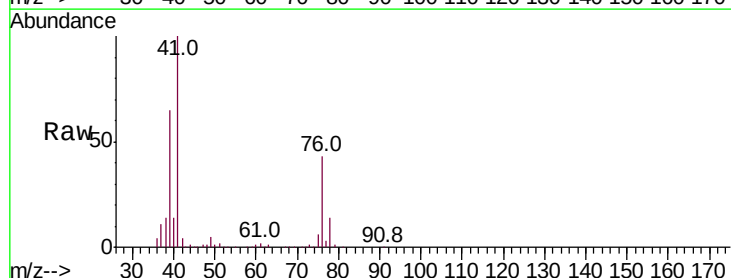
Tgt Ion: 41 Resp: 143025

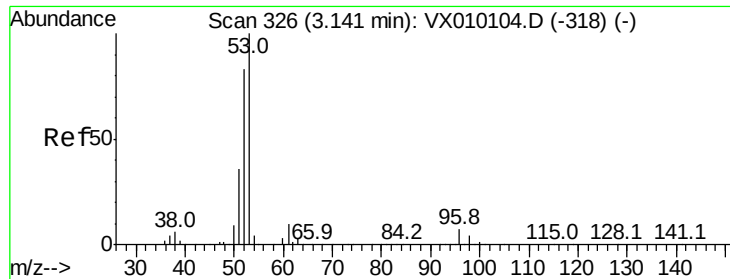
Ion Ratio Lower Upper

41 100

39 62.3 46.7 70.1

76 39.9 21.0 31.4#





#15

Acrylonitrile

Concen: 219.508 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

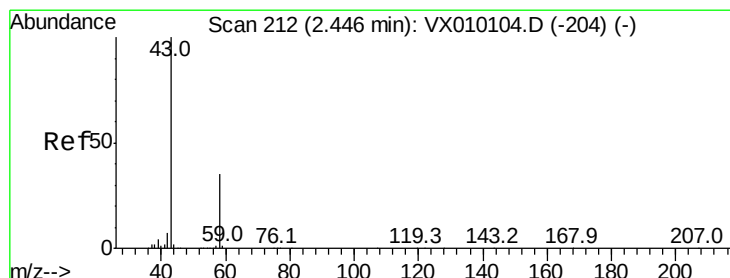
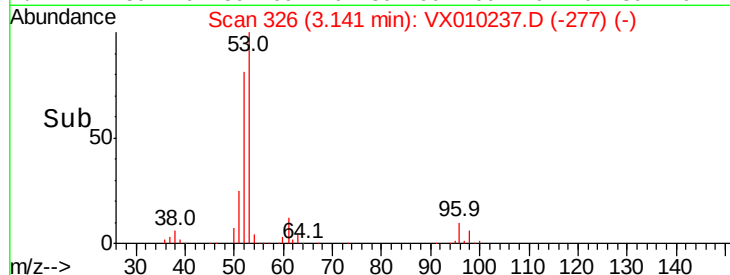
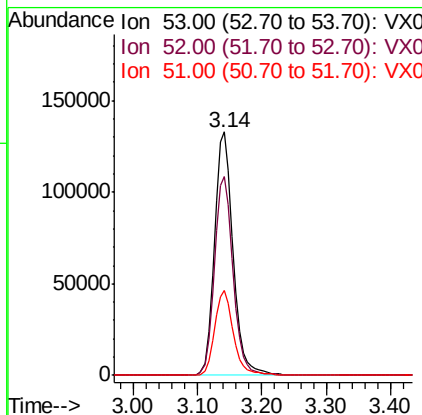
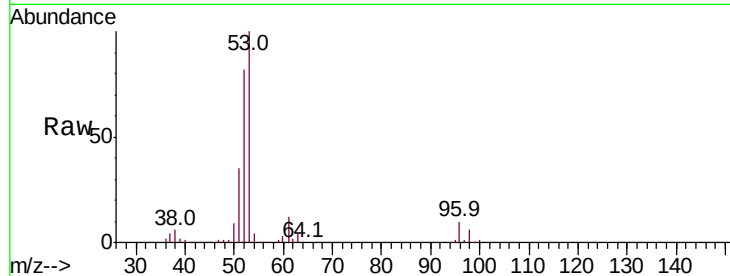
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	270880
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.7	100.1
51	35.0	28.8	43.2

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#16

Acetone

Concen: 227.327 ug/l

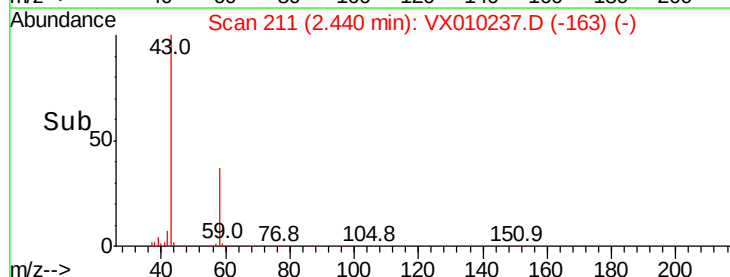
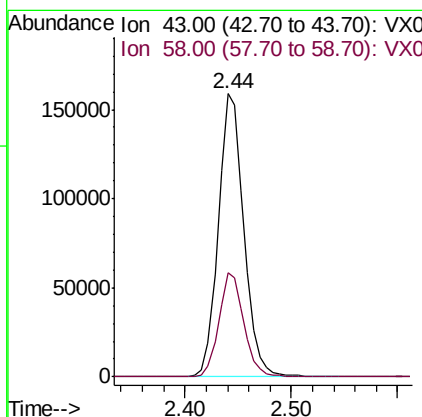
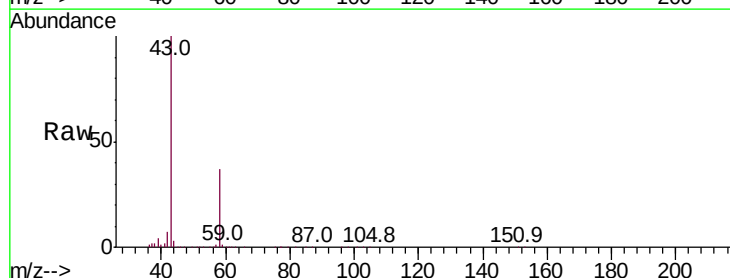
RT: 2.44 min Scan# 211

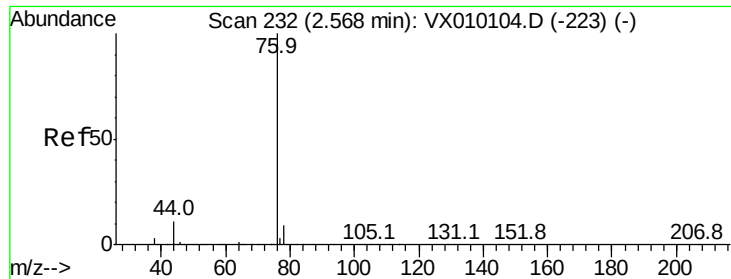
Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	43	Resp:	263510
Ion	Ratio	Lower	Upper
43	100		
58	36.7	23.2	34.8#





#17

Carbon Disulfide

Concen: 38.617 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 253049

Ion Ratio Lower Upper

76 100

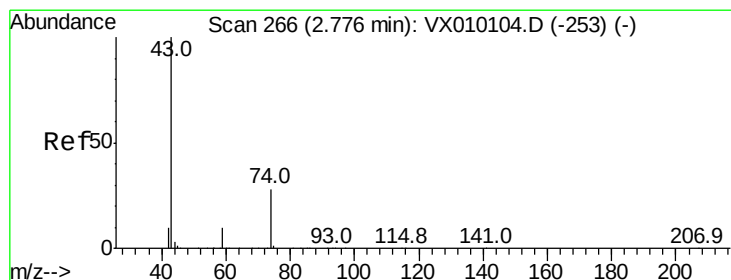
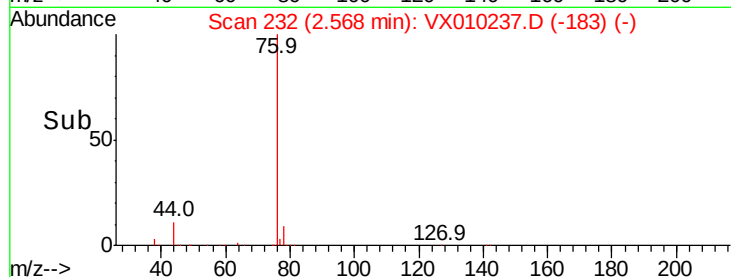
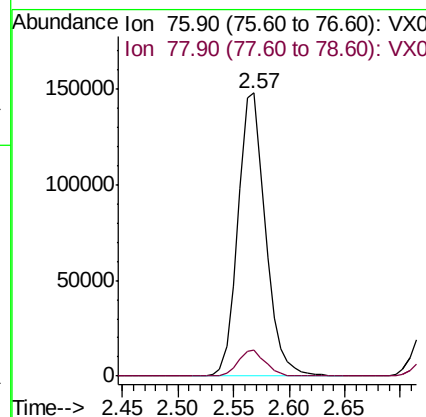
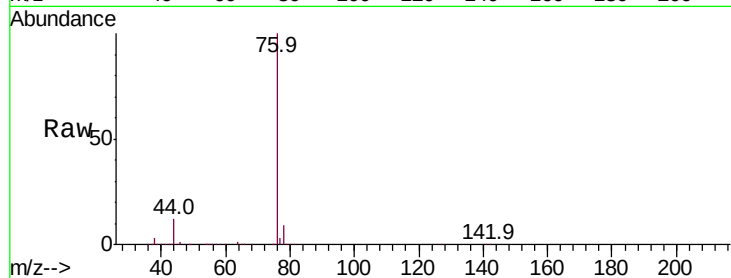
78 9.1 7.0 10.6

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#18

Methyl Acetate

Concen: 43.334 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010237.D

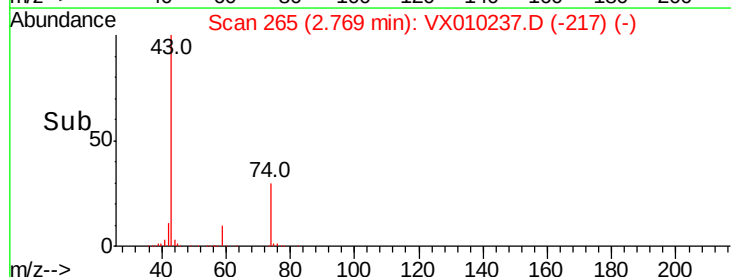
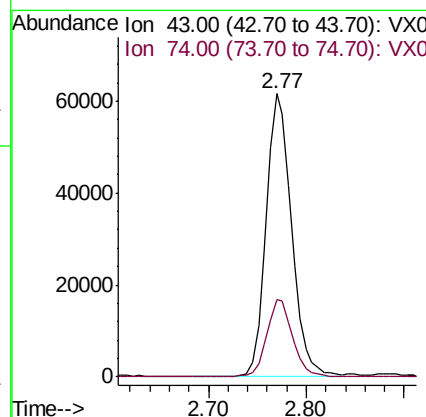
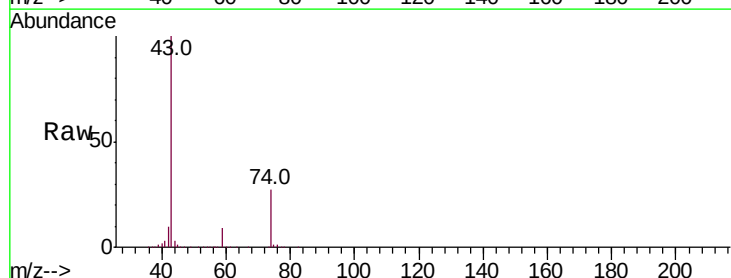
Acq: 11 Jun 2019 17:12

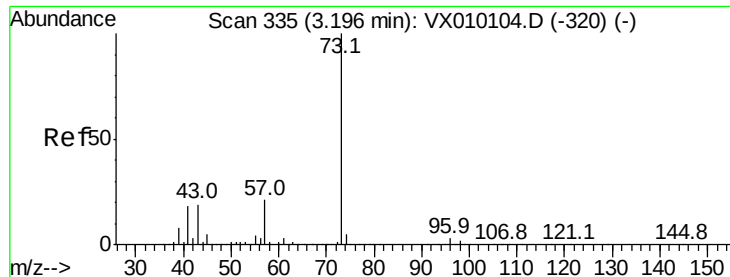
Tgt Ion: 43 Resp: 110469

Ion Ratio Lower Upper

43 100

74 28.3 15.8 23.6#





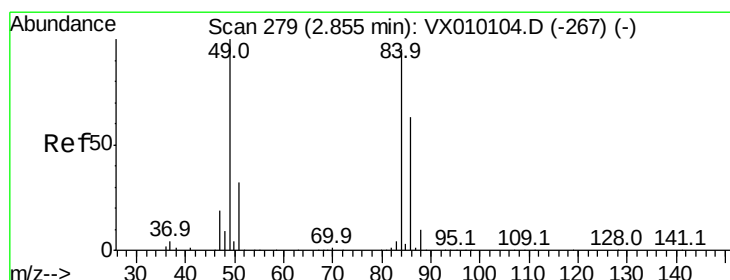
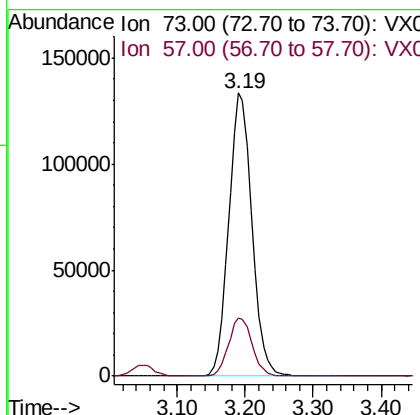
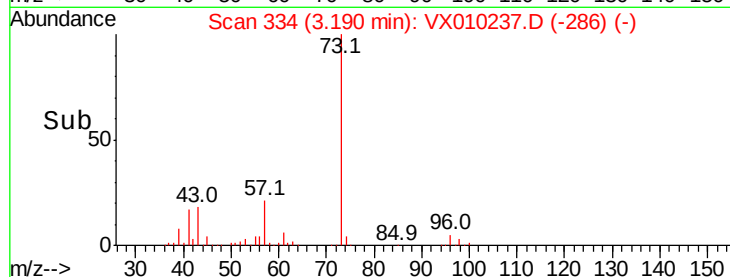
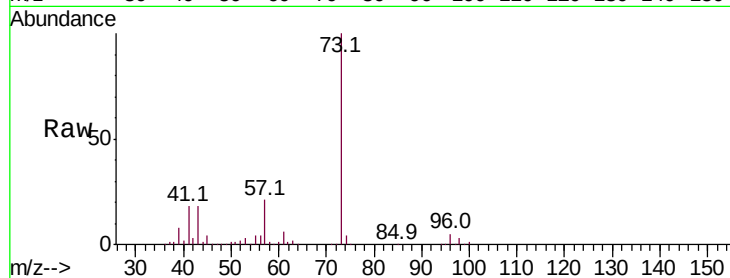
#19
Methyl tert-butyl Ether
Concen: 43.053 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 313680
Ion Ratio Lower Upper
73 100
57 20.7 19.4 29.2

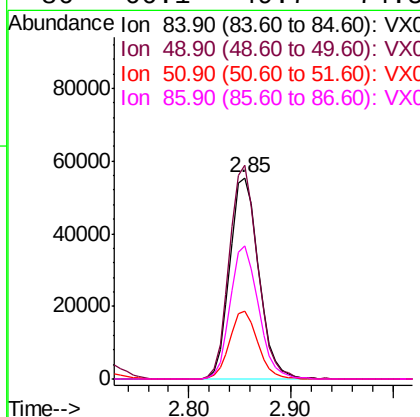
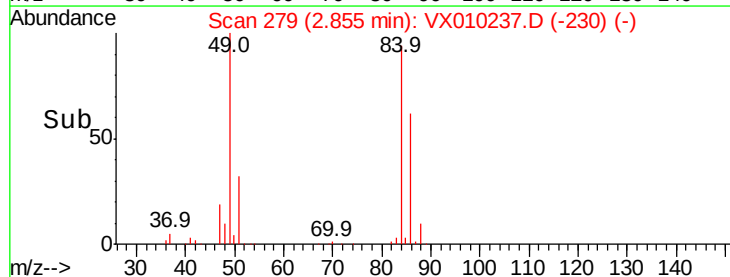
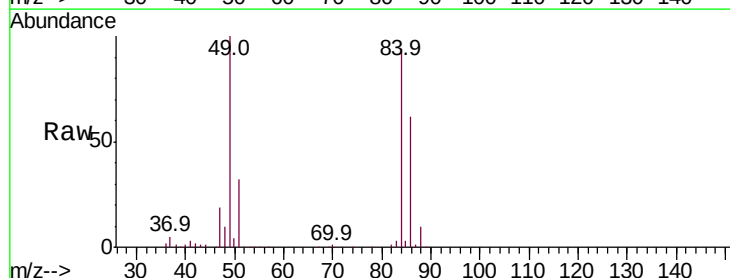
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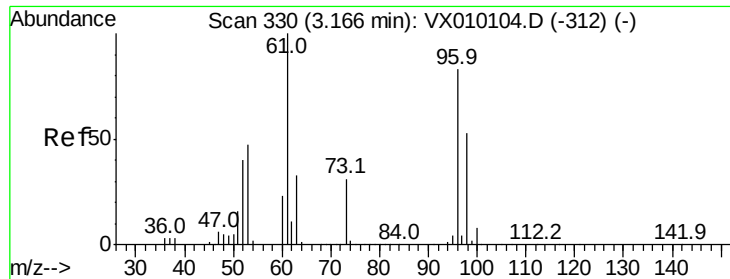
MMDadoda
6/12/2019 9:21:47 AM



#20
Methylene Chloride
Concen: 42.701 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion: 84 Resp: 108704
Ion Ratio Lower Upper
84 100
49 106.3 115.8 173.6#
51 33.9 34.4 51.6#
86 66.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 41.510 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 104179

Ion Ratio Lower Upper

96 100

61 123.1 125.7 188.5#

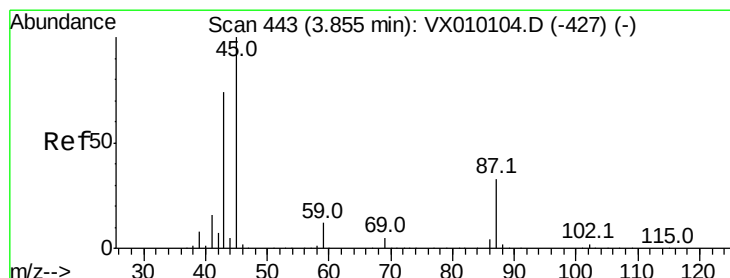
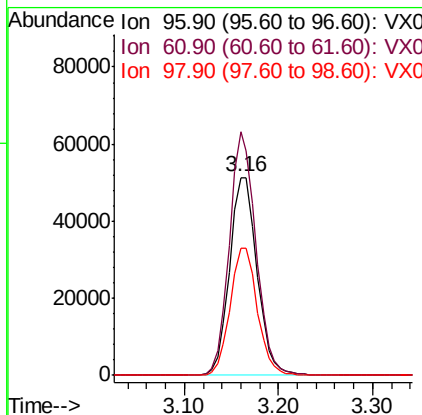
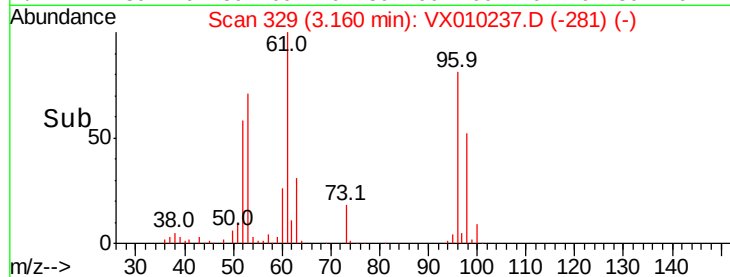
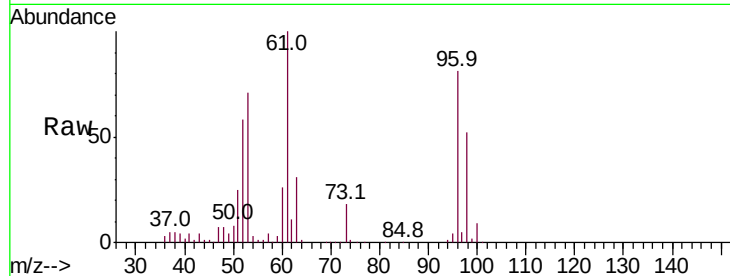
98 64.5 49.0 73.6

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#22

Diisopropyl ether

Concen: 44.613 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion: 45 Resp: 291995

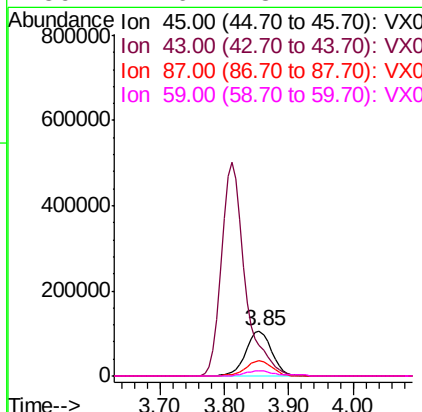
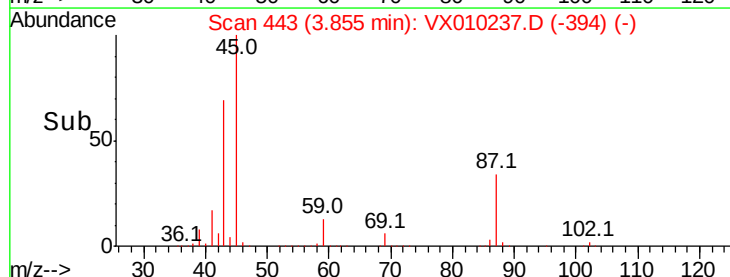
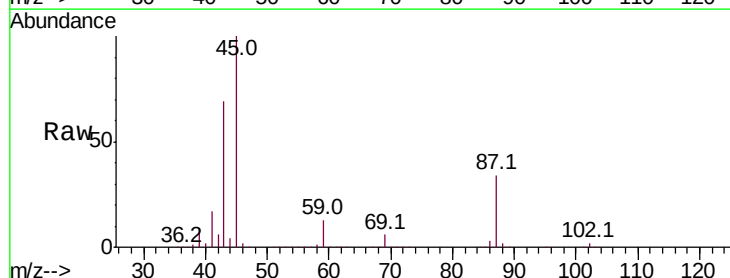
Ion Ratio Lower Upper

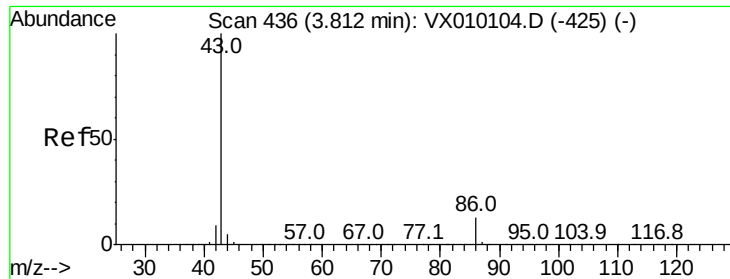
45 100

43 69.2 65.0 97.4

87 34.0 17.3 25.9#

59 12.6 8.1 12.1#





#23

Vinyl Acetate

Concen: 222.014 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1296315

Ion Ratio Lower Upper

43 100

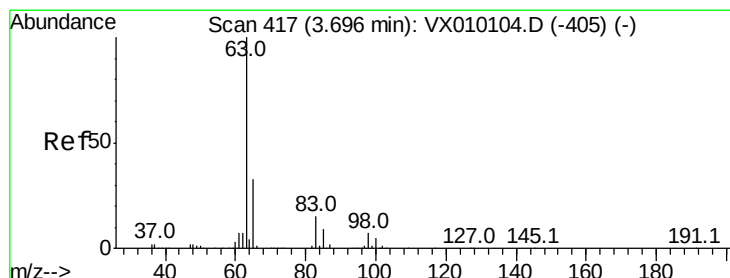
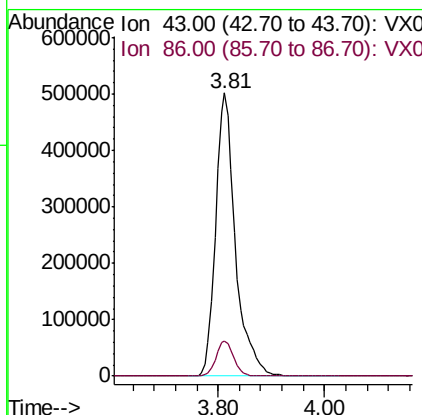
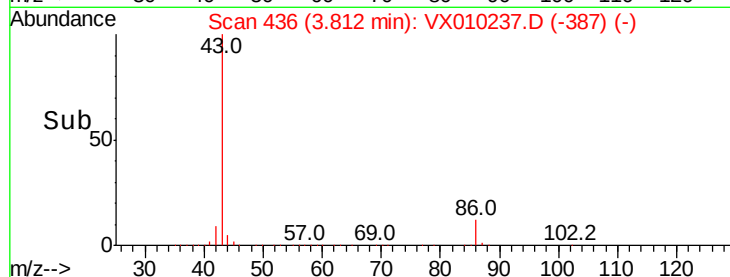
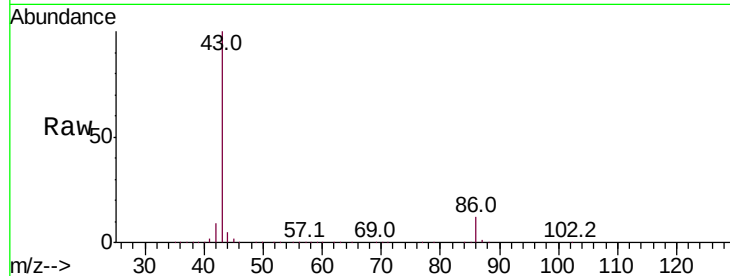
86 12.3 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 42.724 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

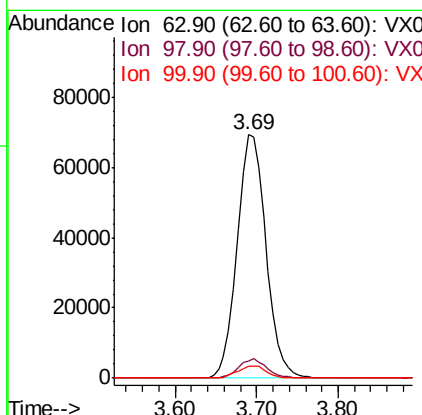
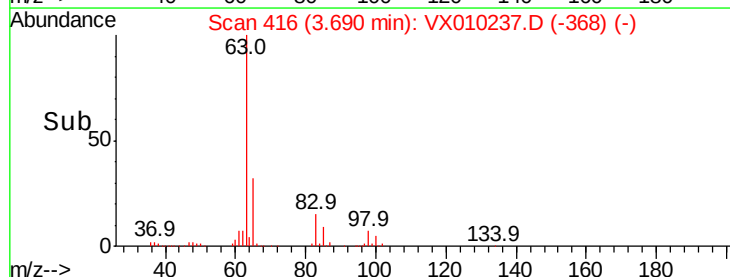
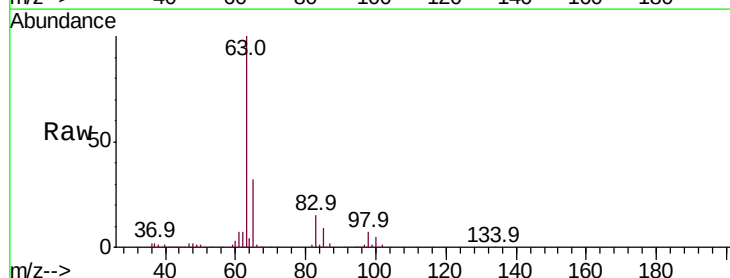
Tgt Ion: 63 Resp: 169780

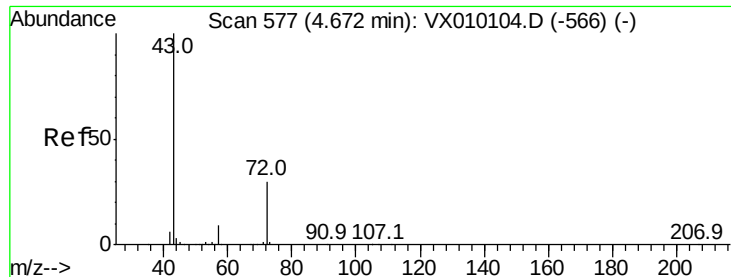
Ion Ratio Lower Upper

63 100

98 7.2 2.9 8.8

100 4.7 1.8 5.4





#25

2-Butanone

Concen: 227.360 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 392446

Ion Ratio Lower Upper

43 100

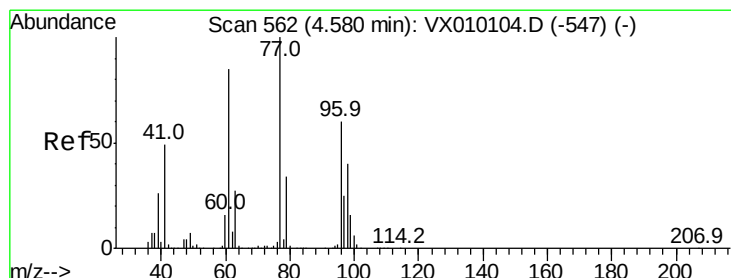
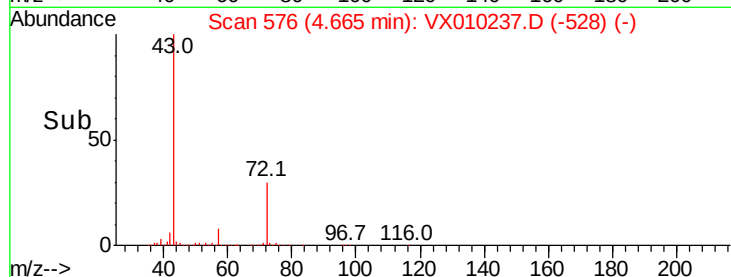
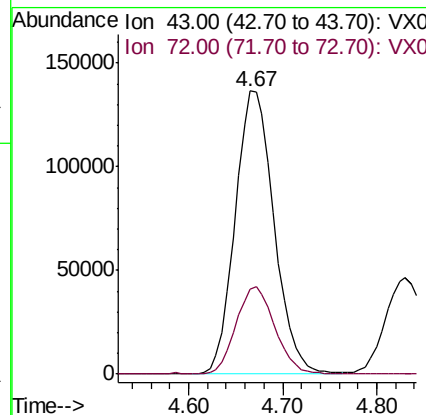
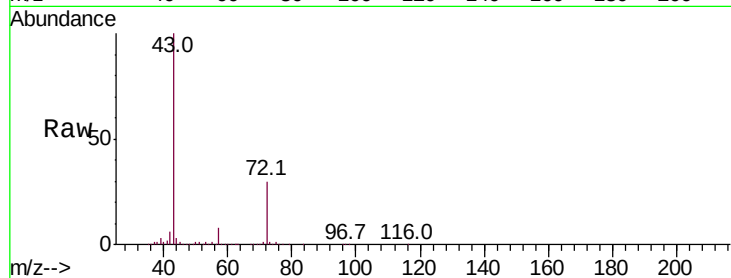
72 29.8 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.646 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010237.D

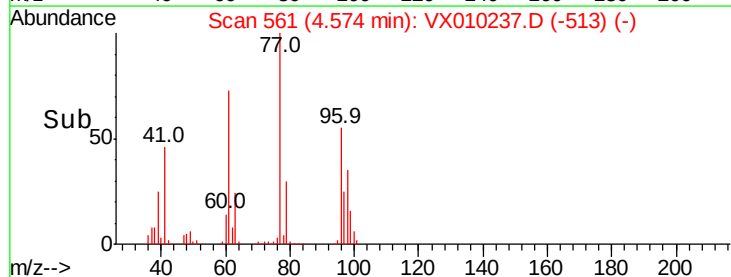
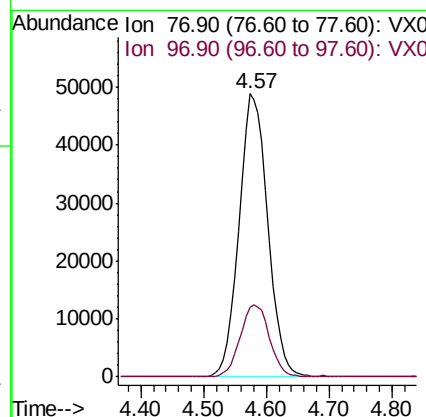
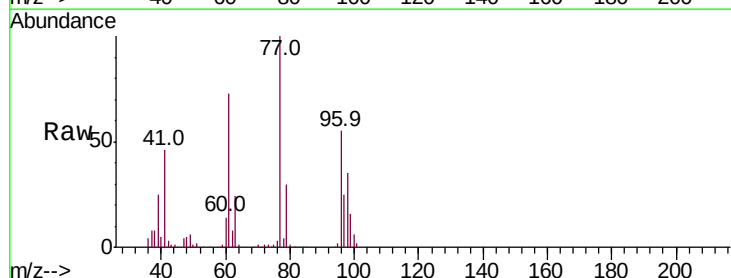
Acq: 11 Jun 2019 17:12

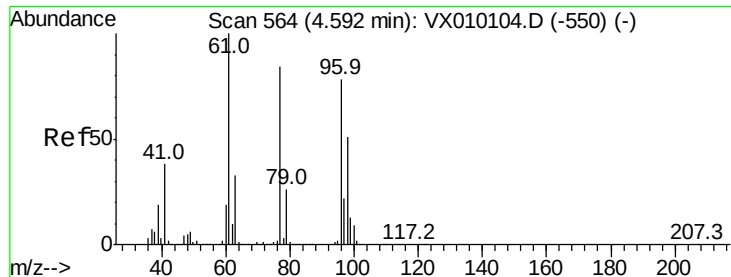
Tgt Ion: 77 Resp: 154605

Ion Ratio Lower Upper

77 100

97 26.0 11.4 34.2





#27

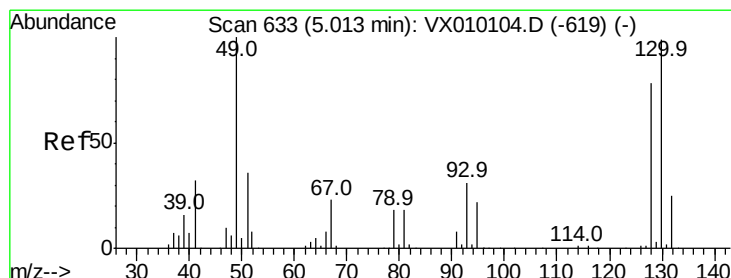
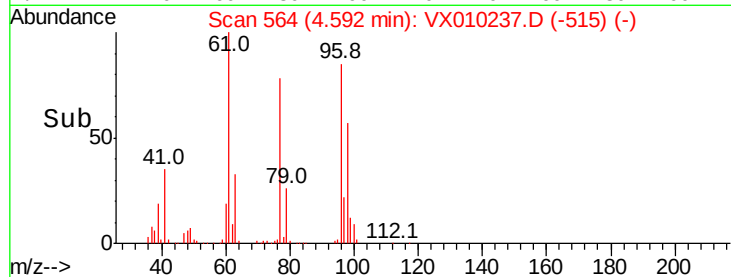
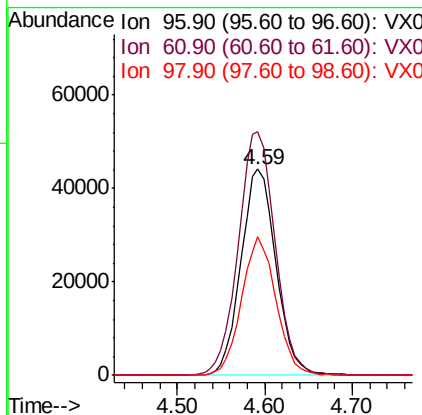
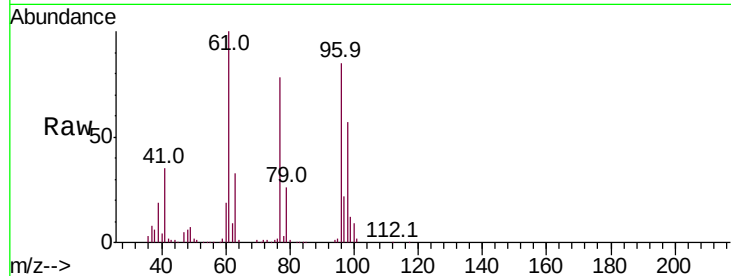
cis-1,2-Dichloroethene
Concen: 44.129 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123208		
61	124.5	0.0	334.0	
98	65.9	0.0	131.6	

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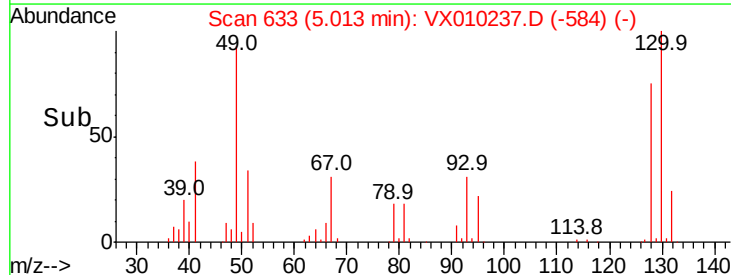
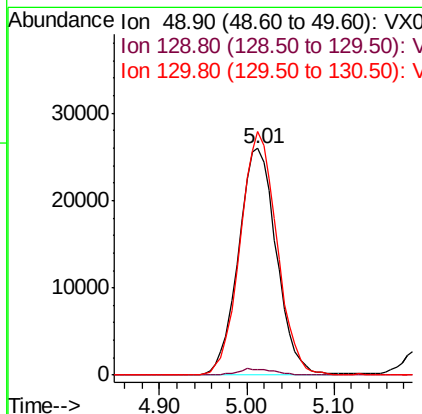
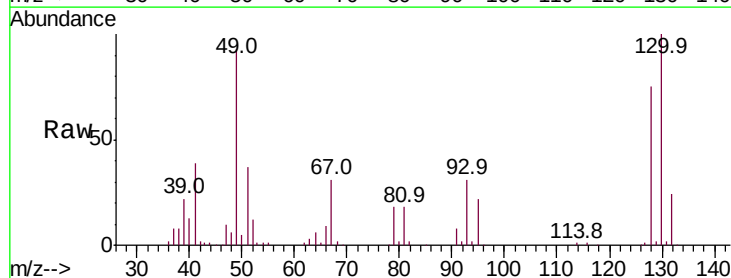
MMDadoda
6/12/2019 9:21:47 AM

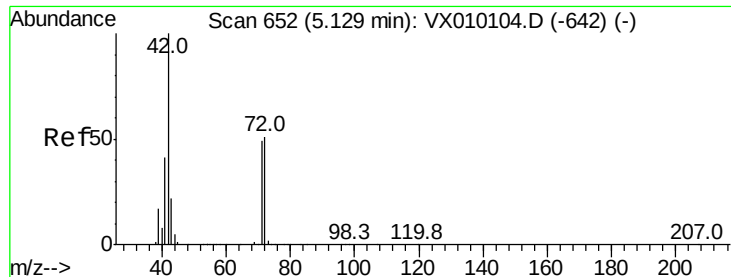


#28

Bromochloromethane
Concen: 44.149 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78629		
129	2.8	0.0	3.4	
130	103.5	49.4	74.2#	





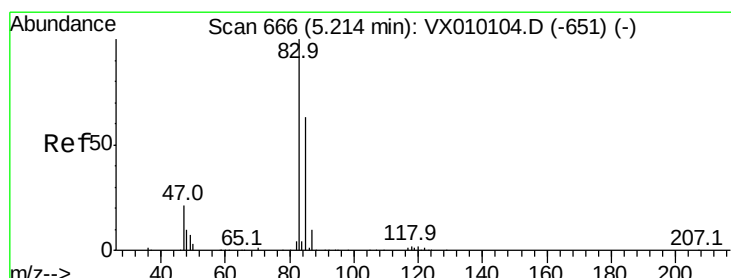
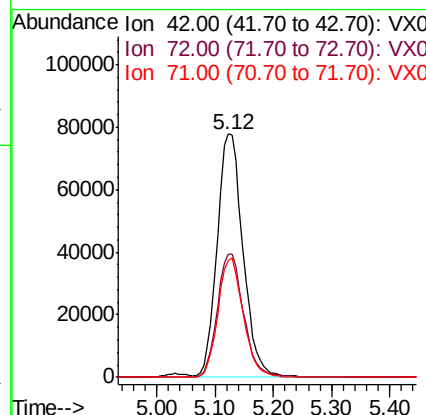
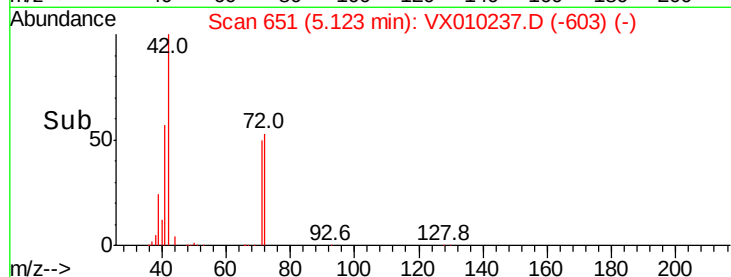
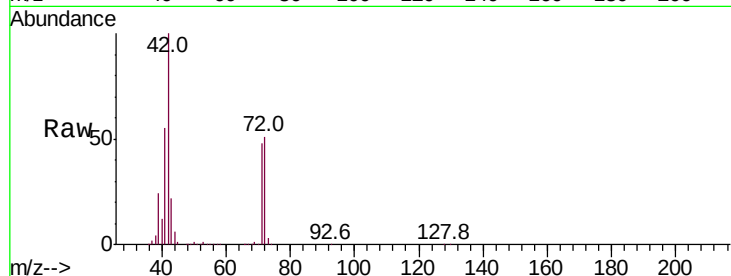
#29
Tetrahydrofuran
Concen: 220.472 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	29.2	43.8#
71	48.0	27.6	41.4#

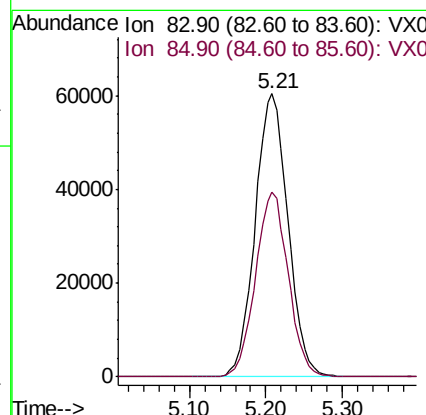
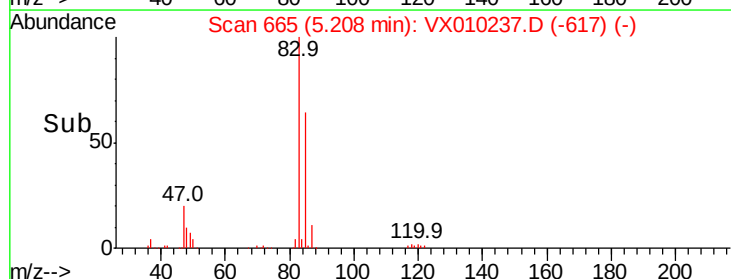
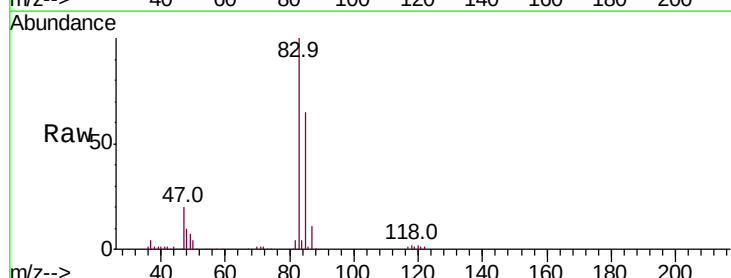
Manual Integrations
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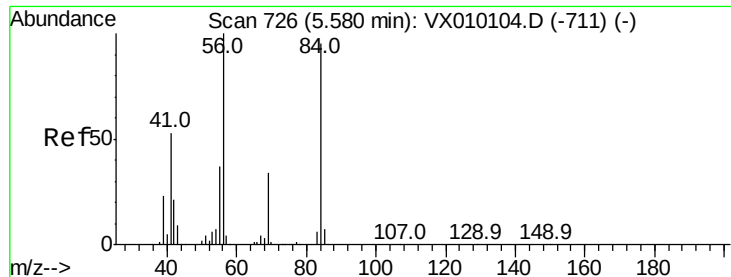
MMDadoda
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#30
Chloroform
Concen: 43.790 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	78.8





#31

Cyclohexane

Concen: 44.335 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

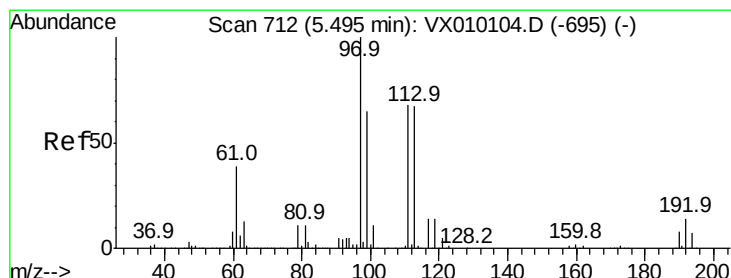
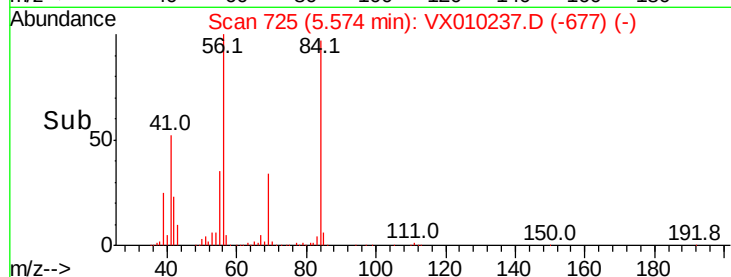
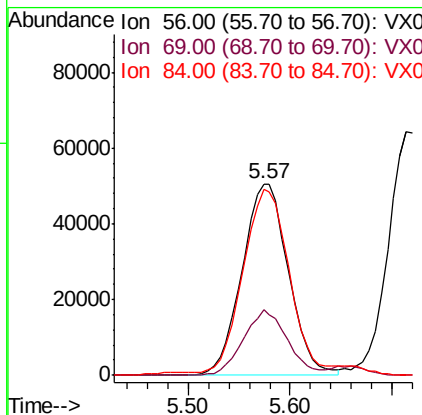
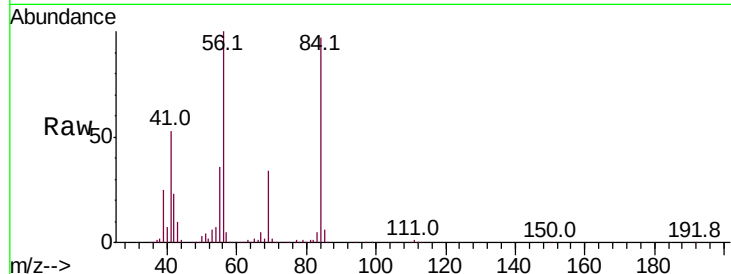
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	159006
Ion	Ratio	Lower	Upper
56	100		
69	34.1	21.6	32.4#
84	95.7	56.8	85.2#

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#32

1,1,1-Trichloroethane

Concen: 42.238 ug/l

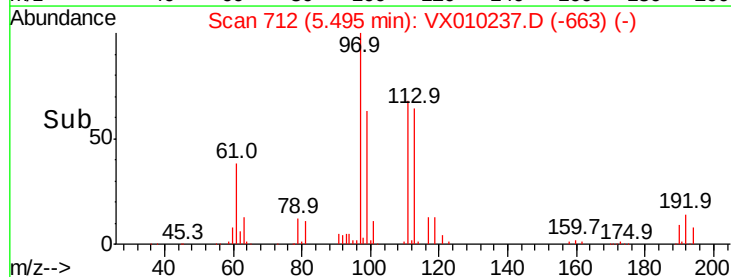
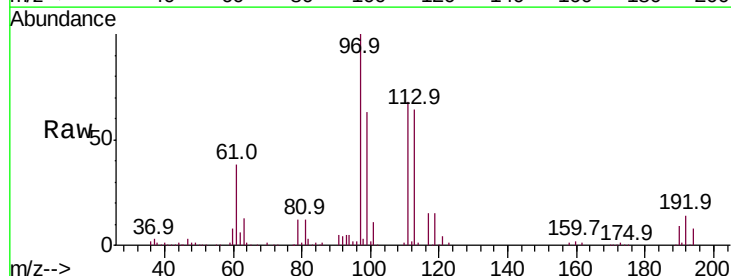
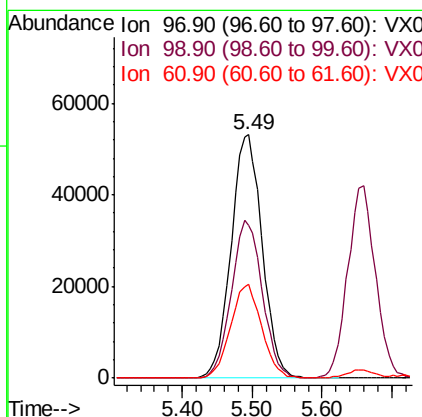
RT: 5.49 min Scan# 712

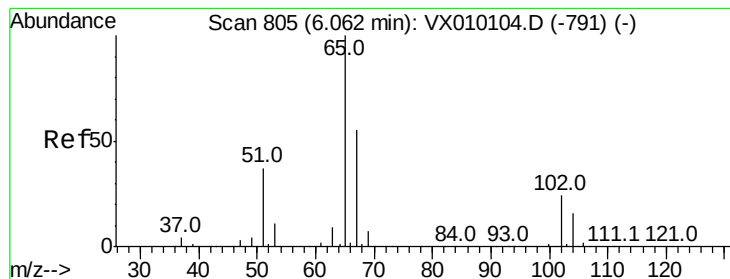
Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	97	Resp:	163877
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	38.6	38.7	58.1#





#33

1,2-Dichloroethane-d4

Concen: 40.498 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 99809

Ion Ratio Lower Upper

65 100

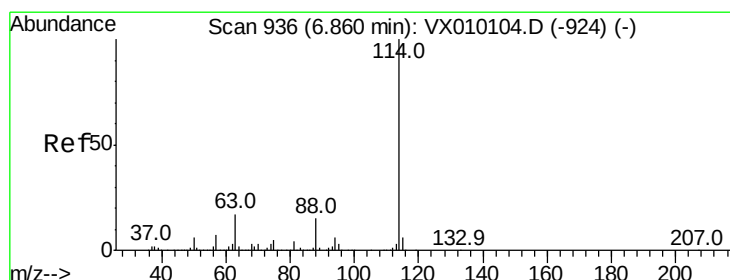
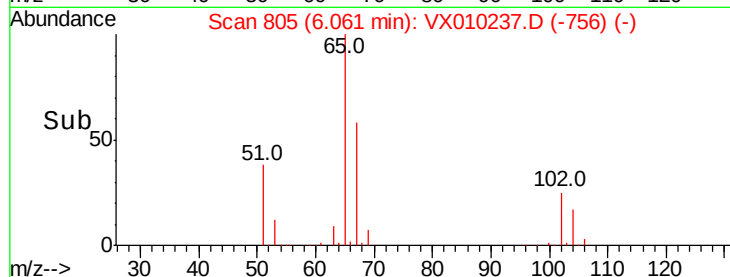
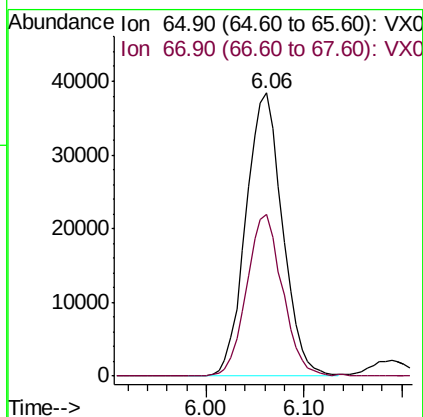
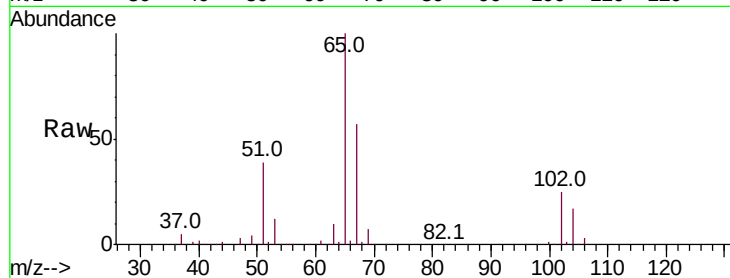
67 56.1 0.0 108.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

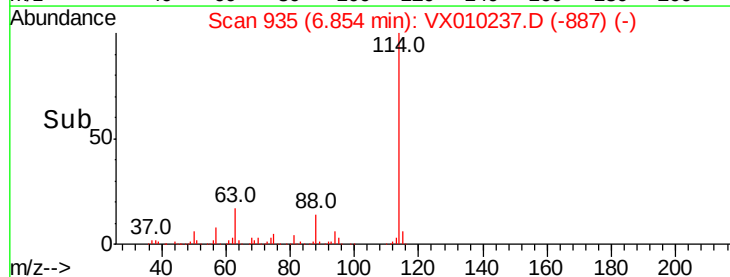
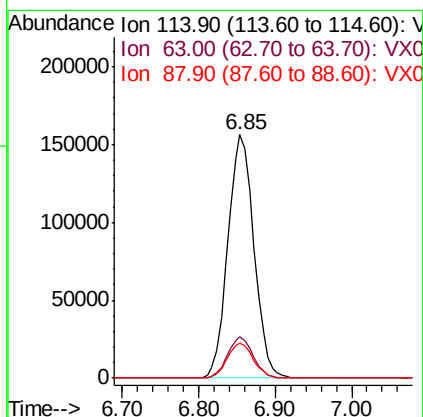
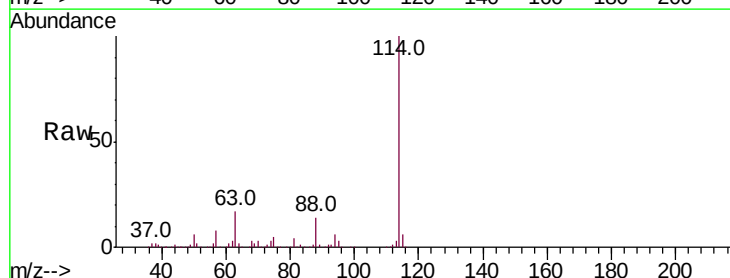
Tgt Ion: 114 Resp: 367620

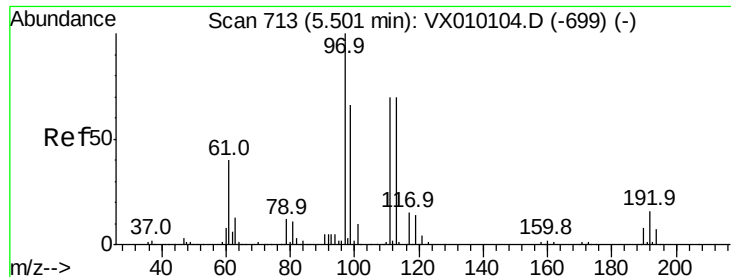
Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

88 14.2 0.0 33.0





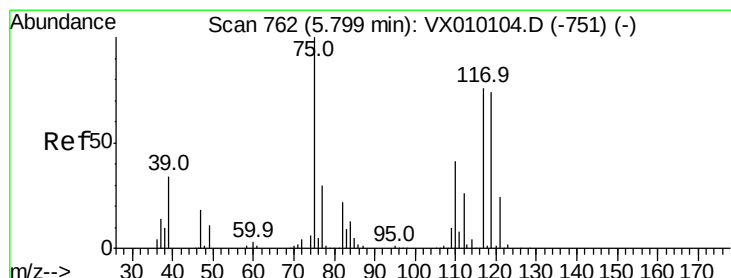
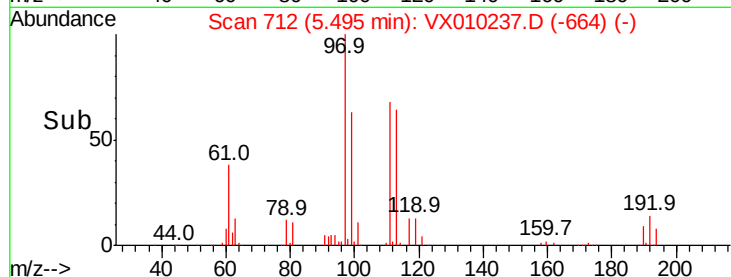
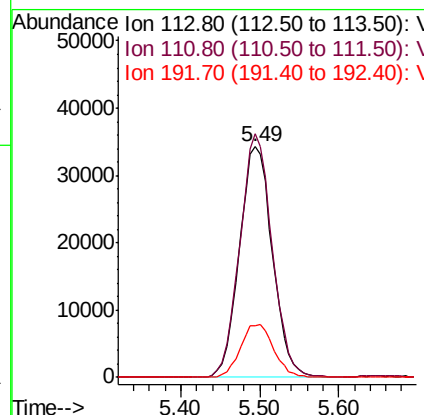
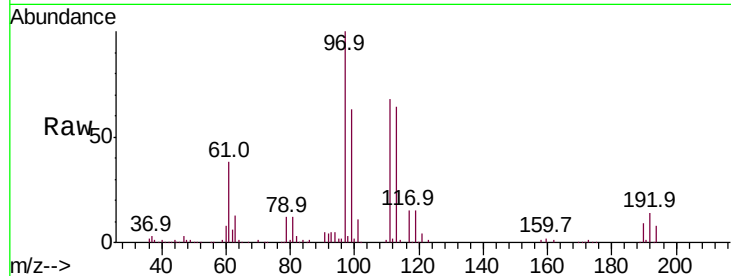
#35
 Dibromofluoromethane
 Concen: 44.054 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.3	82.2	123.2	
192	23.4	17.1	25.7	

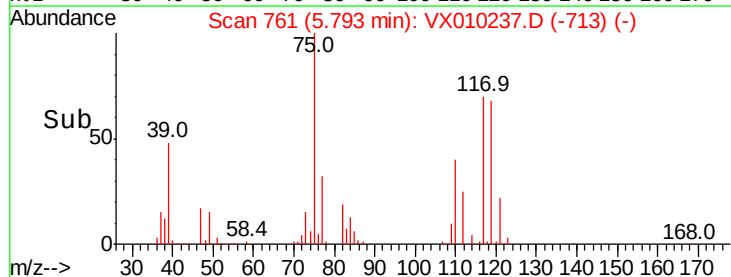
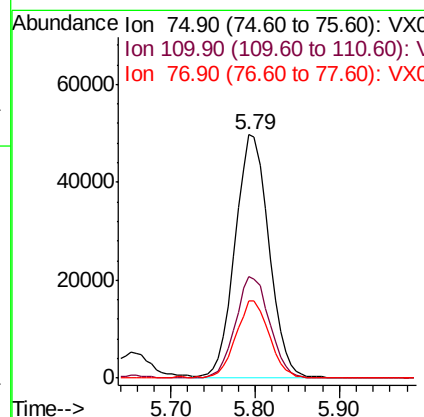
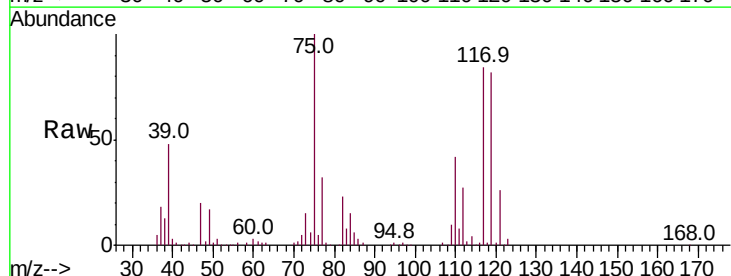
Manual Integrations
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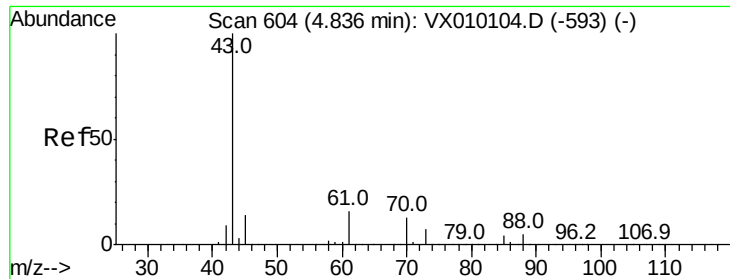
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 45.056 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	42.0	16.7	50.1	
77	31.3	25.0	37.4	





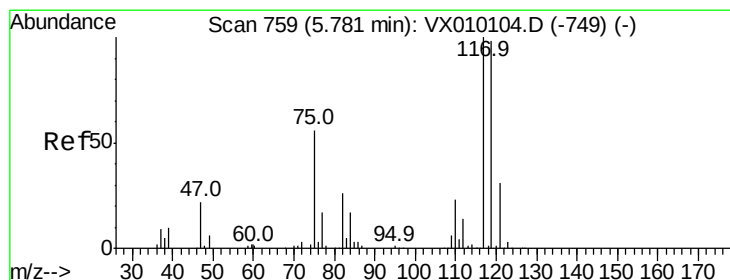
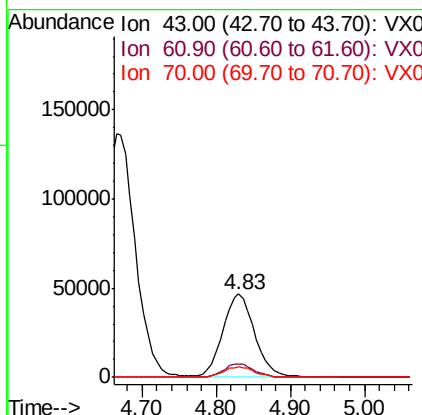
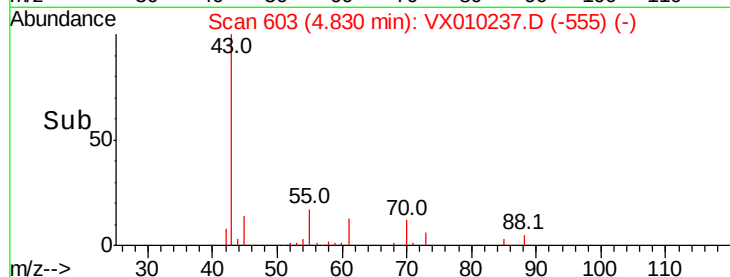
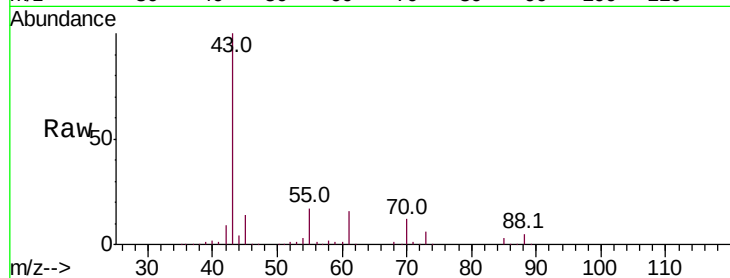
#37
Ethyl Acetate
Concen: 44.470 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.2	15.2#
70	12.6	7.4	11.2#

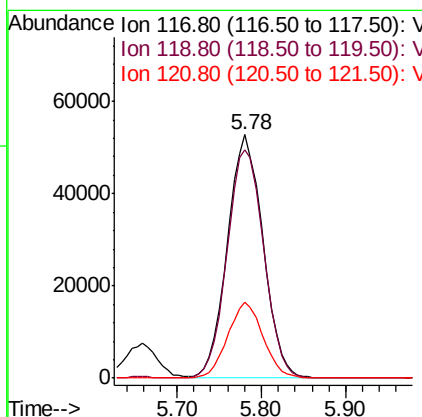
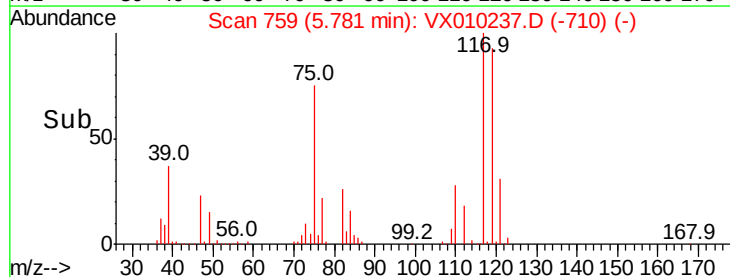
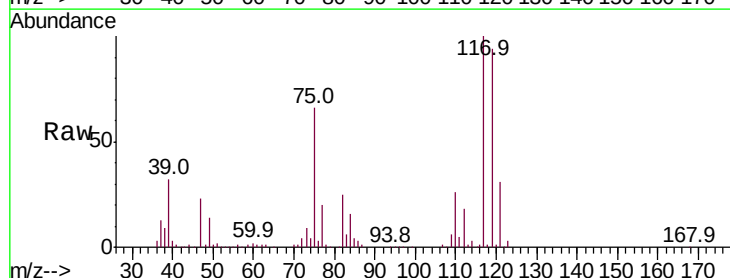
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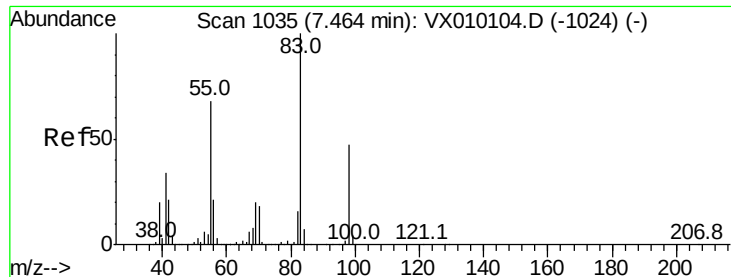
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#38
Carbon Tetrachloride
Concen: 44.640 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.3	115.9
121	31.0	25.4	38.0





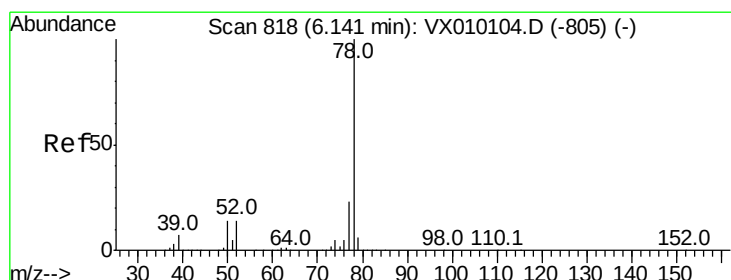
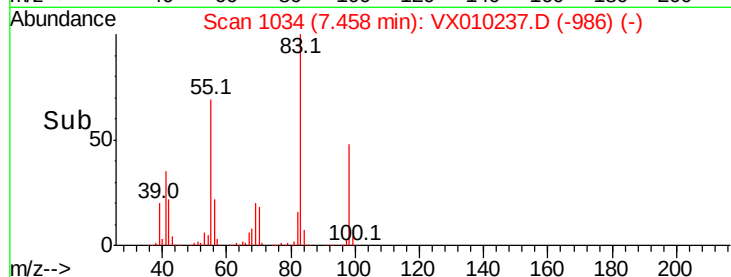
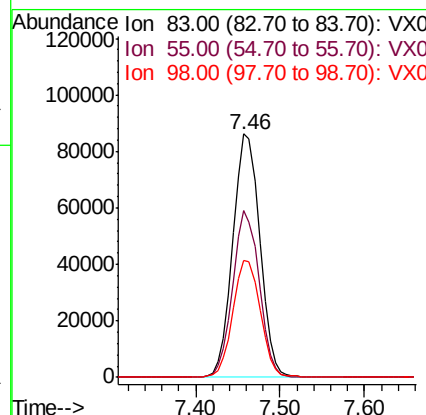
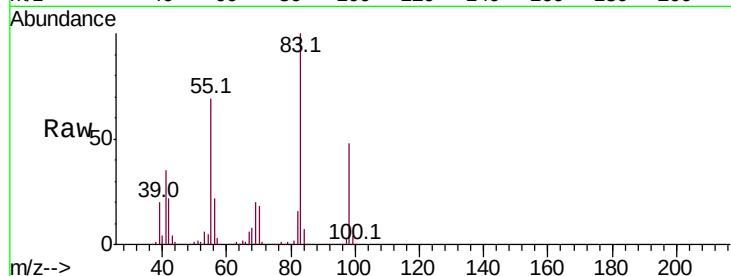
#39
Methylvlcyclohexane
Concen: 45.862 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	69.9	104.9#
98	48.2	35.1	52.7

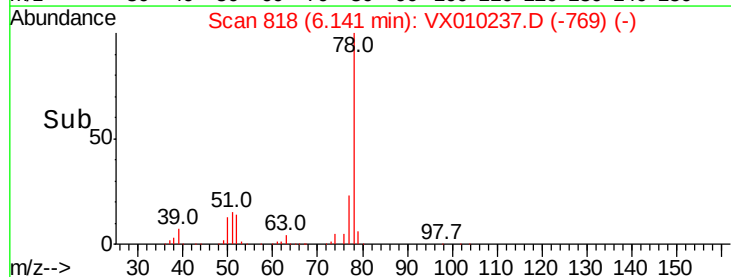
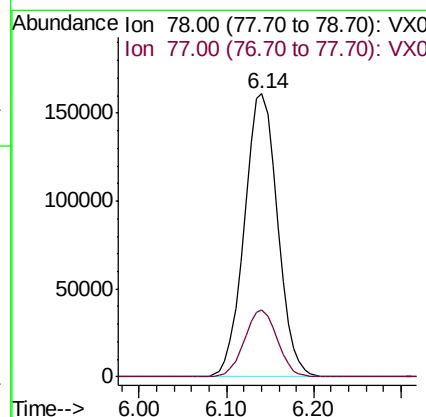
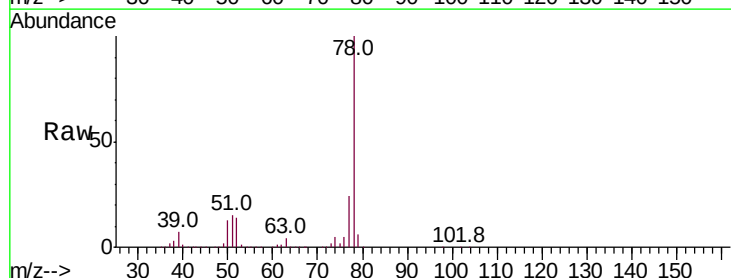
Manual Integrations
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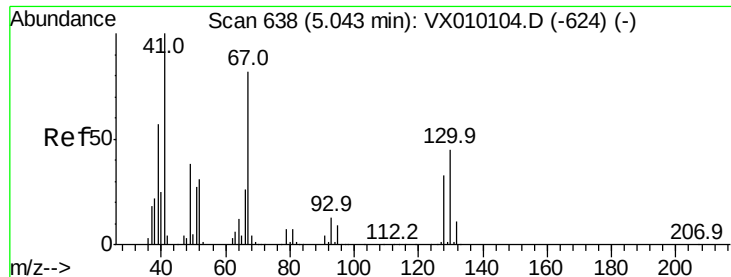
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#40
Benzene
Concen: 45.935 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





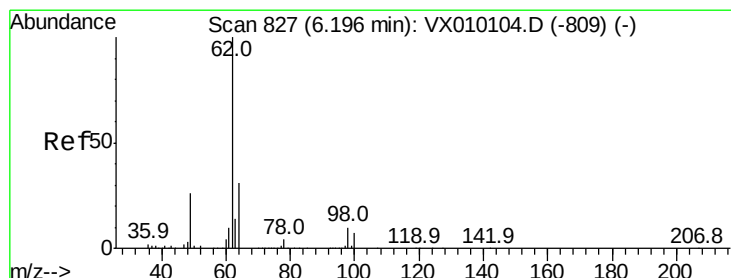
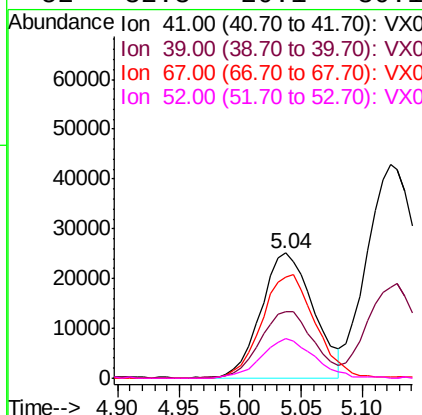
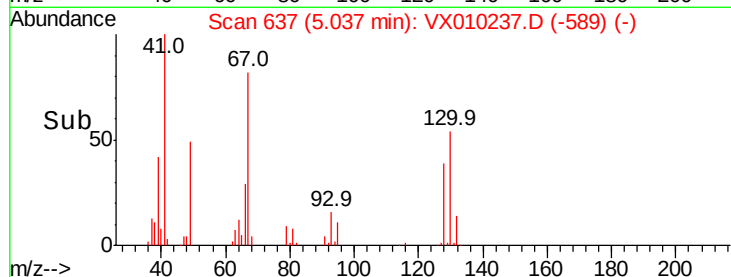
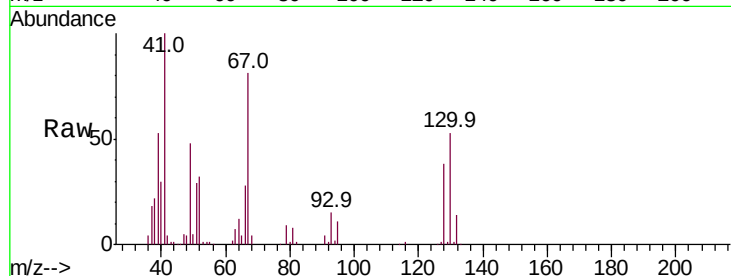
#41
Methacrylonitrile
Concen: 44.311 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	42.2	63.4	
67	85.2	48.9	73.3	
52	32.3	20.1	30.1	

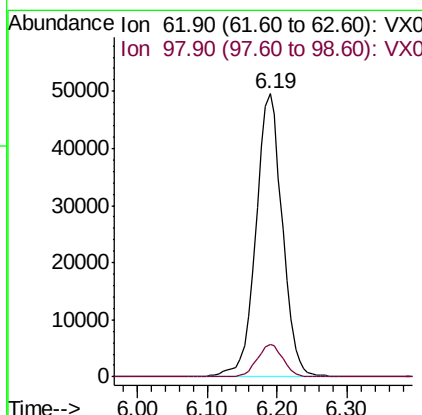
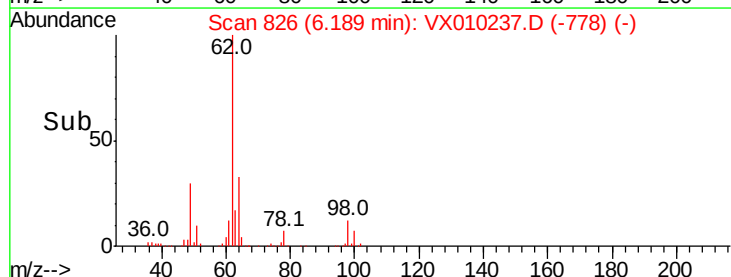
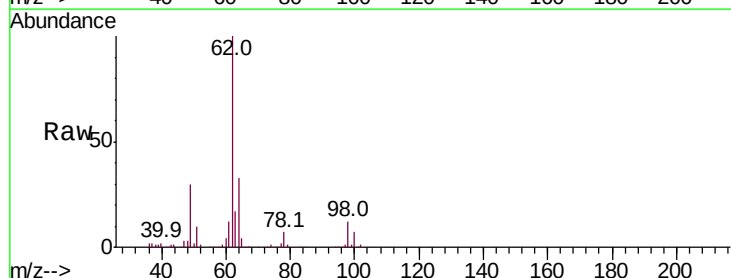
Manual Integrations
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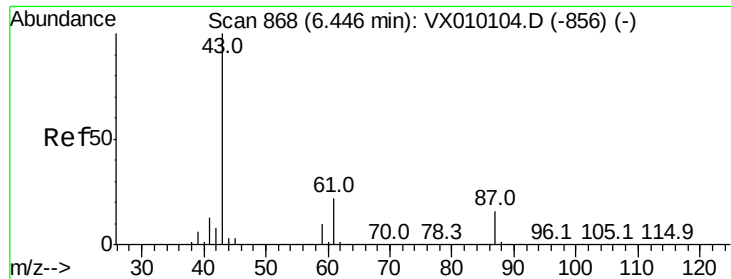
MMDadoda
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#42
1,2-Dichloroethane
Concen: 44.060 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.2	0.0	17.2	





#43

Isopropyl Acetate

Concen: 44.243 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

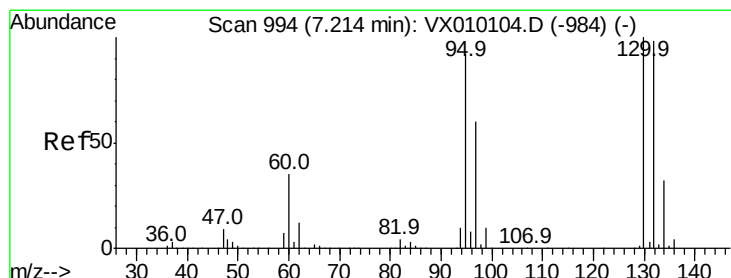
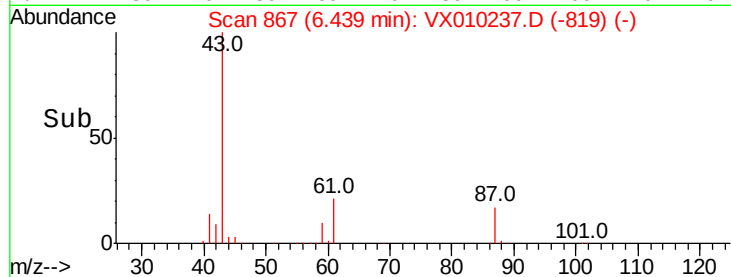
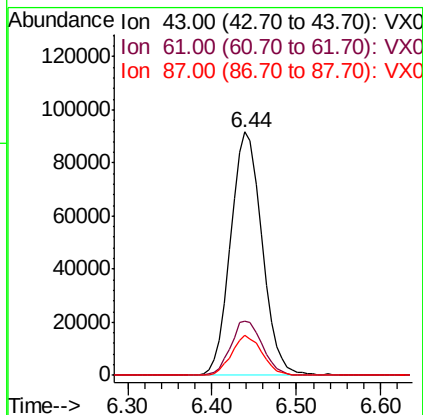
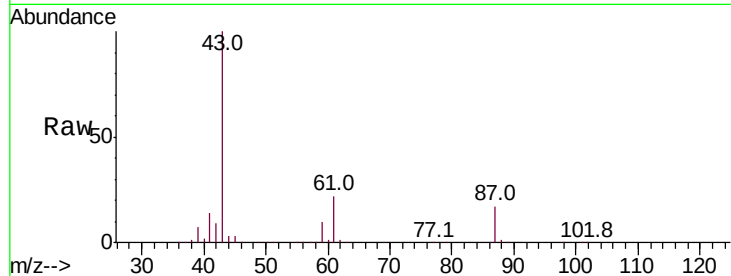
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	230845
Ion Ratio	100	Lower	Upper
43	100		
61	22.8	14.6	21.8#
87	15.9	8.7	13.1#

Manual Integrations
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6/12/2019 9:21:47 AM



#44

Trichloroethene

Concen: 46.420 ug/l

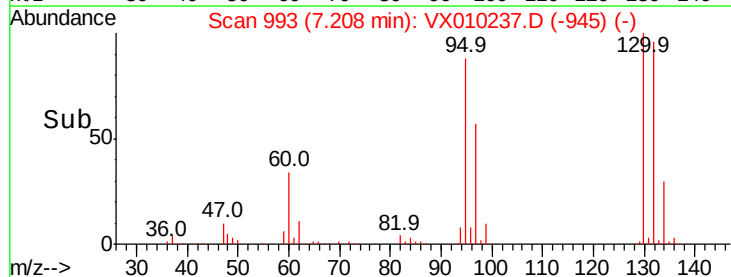
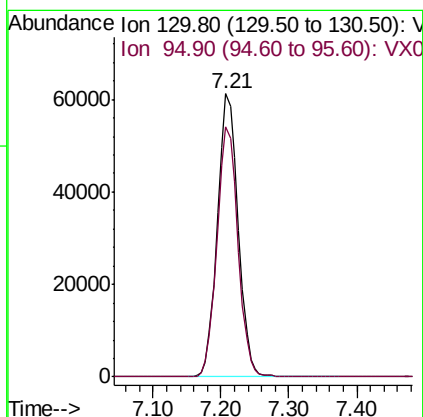
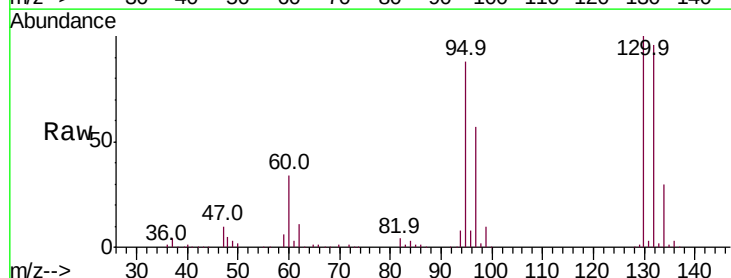
RT: 7.21 min Scan# 993

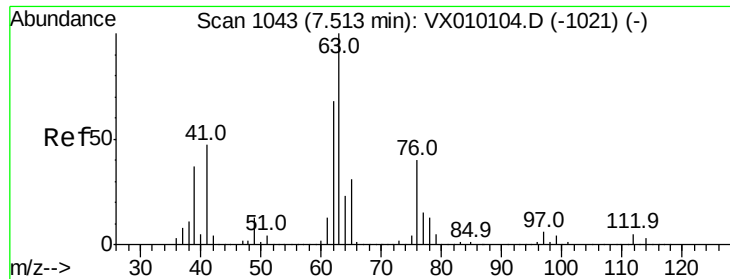
Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion	130	Resp	129766
Ion Ratio	100	Lower	Upper
130	100		
95	88.4	0.0	207.4





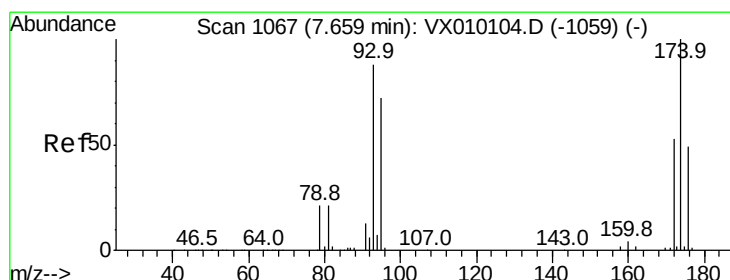
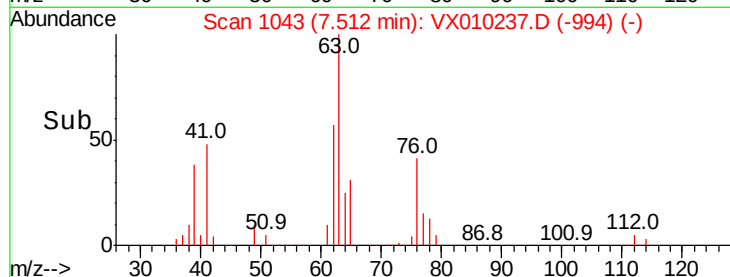
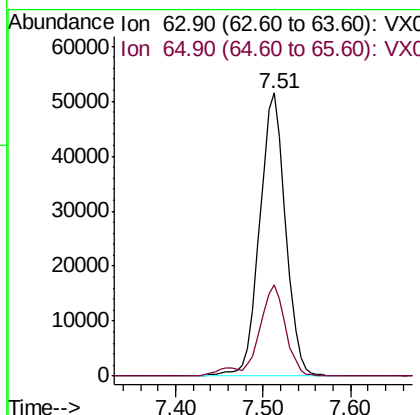
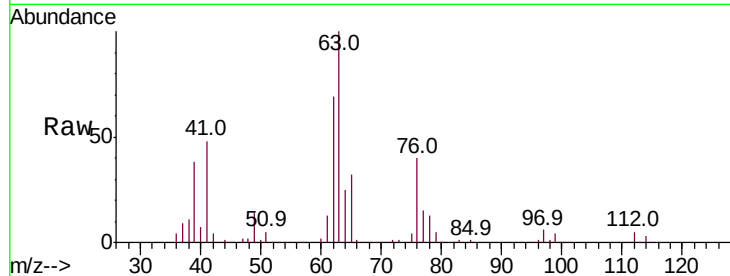
#45
 1,2-Dichloropropane
 Concen: 45.664 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 105997
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.7 38.5

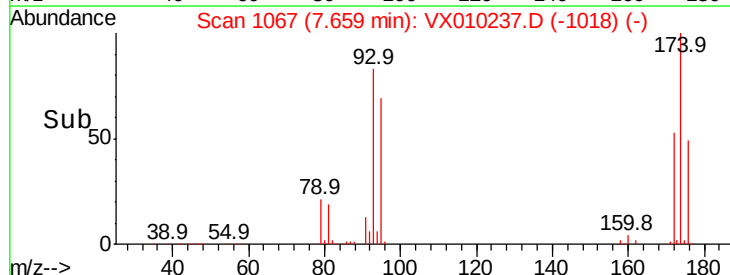
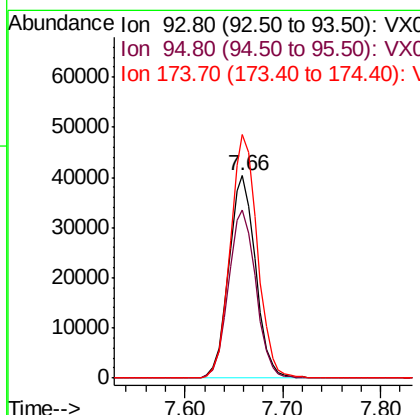
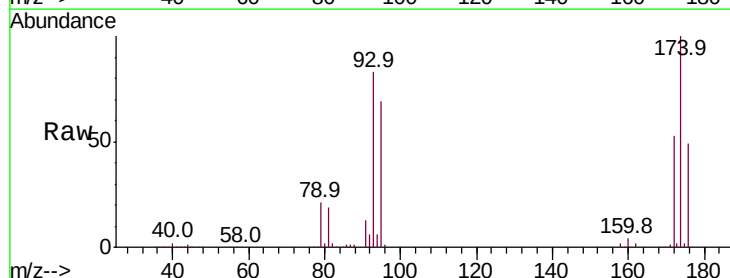
Manual Integrations
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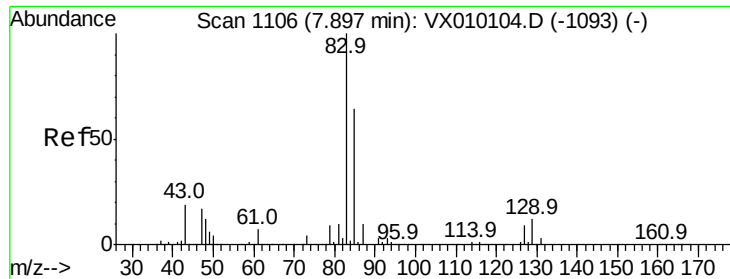
MMDadoda
 6/12/2019 9:21:47 AM



#46
 Dibromomethane
 Concen: 44.003 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Tgt Ion: 93 Resp: 76523
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.8 100.2
 174 121.6 81.9 122.9





#47

Bromodichloromethane

Concen: 44.696 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

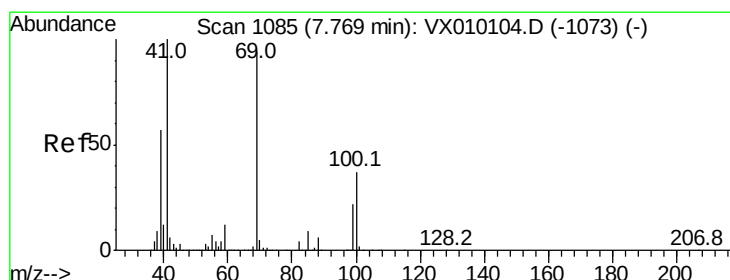
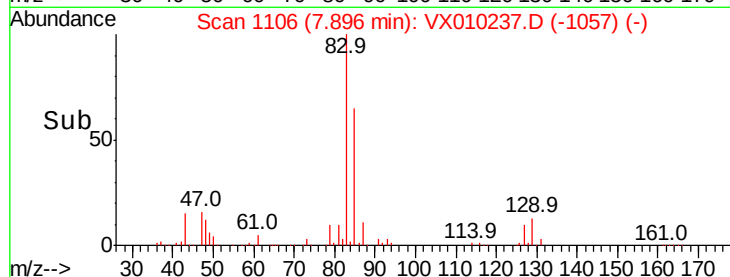
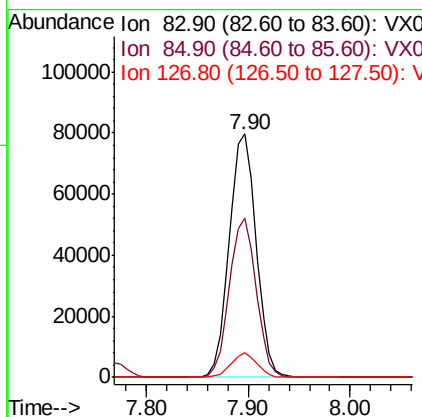
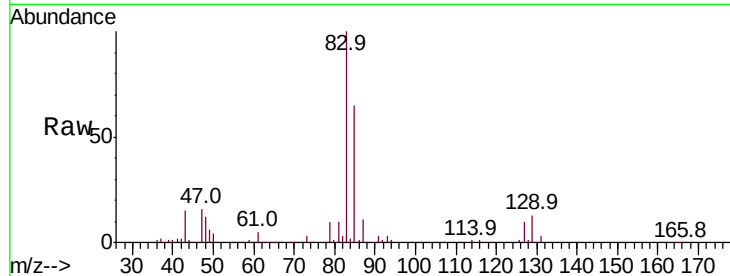
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	145241
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.4	77.2
127	10.0	6.4	9.6#

Manual Integrations
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MMDadoda
6/12/2019 9:21:47 AM



#48

Methyl methacrylate

Concen: 44.455 ug/l

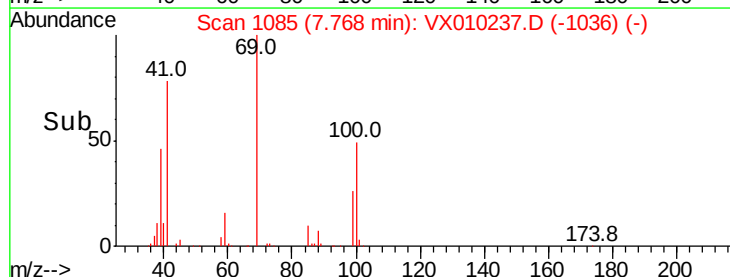
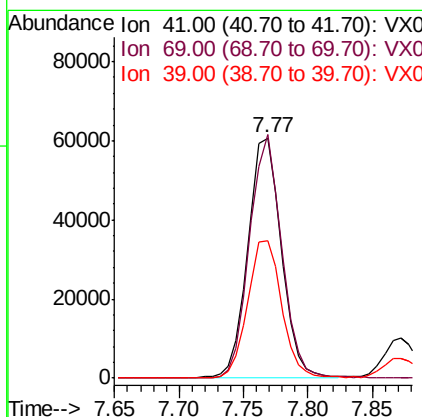
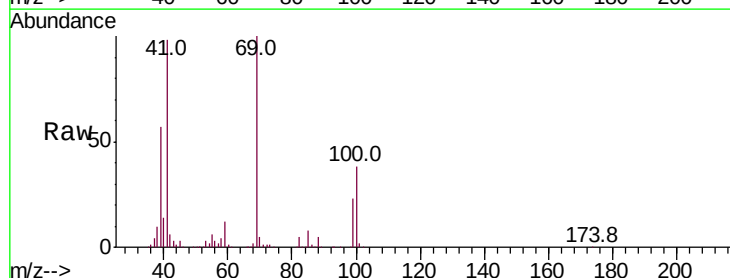
RT: 7.77 min Scan# 1085

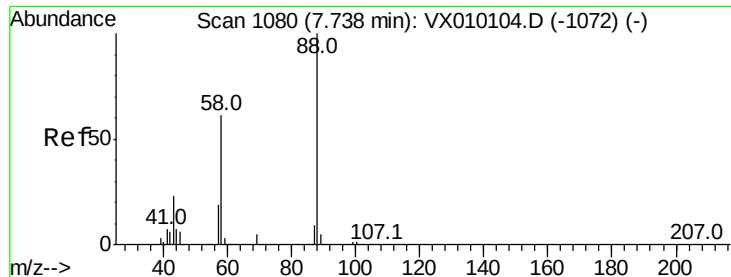
Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	41	Resp:	108476
Ion Ratio	Lower	Upper	
41	100		
69	98.6	56.4	84.6#
39	58.1	40.6	60.8





#49

1,4-Dioxane

Concen: 939.314 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

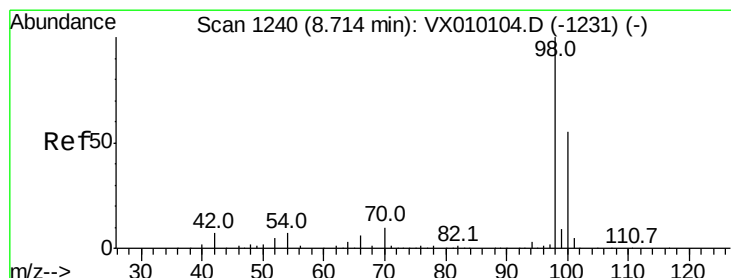
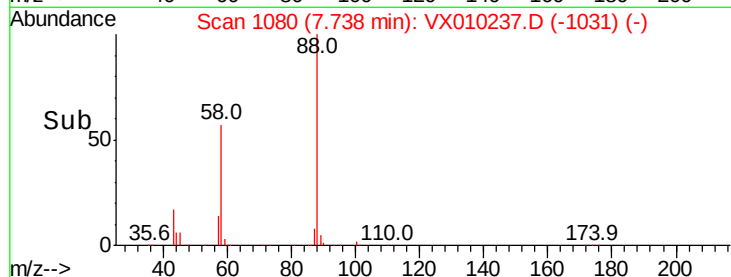
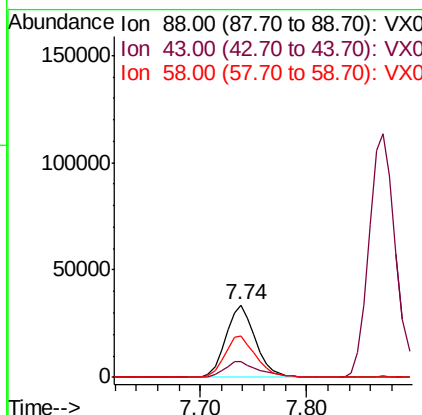
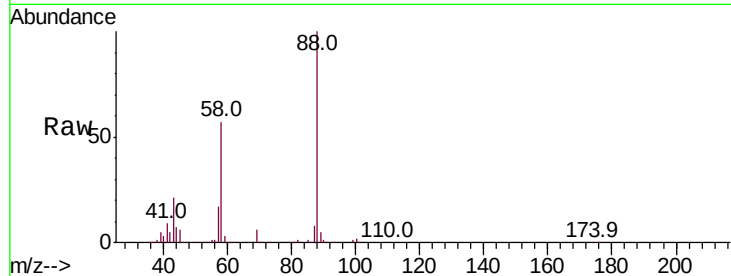
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	65349
Ion	Ratio	Lower	Upper
88	100		
43	25.0	30.2	45.4#
58	60.6	64.0	96.0#

Manual Integrations
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#50

Toluene-d8

Concen: 45.126 ug/l

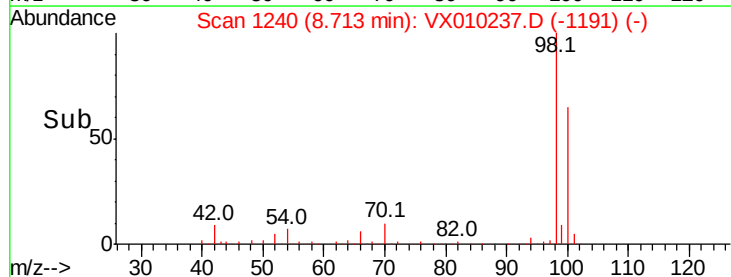
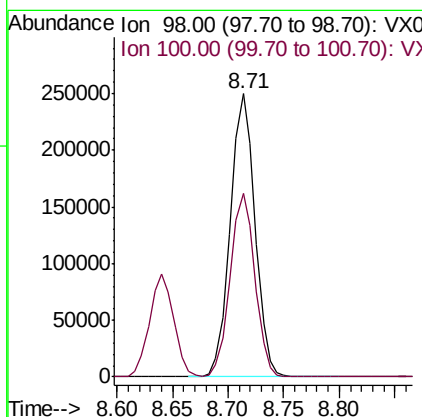
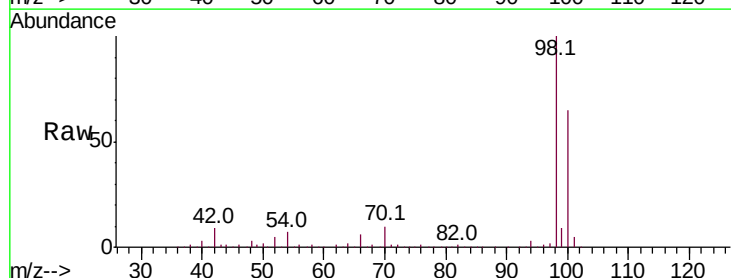
RT: 8.71 min Scan# 1240

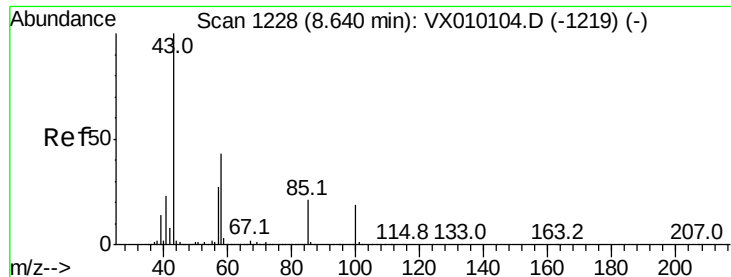
Delta R.T. 0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	98	Resp:	383504
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 240.841 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 750704

Ion Ratio Lower Upper

43 100

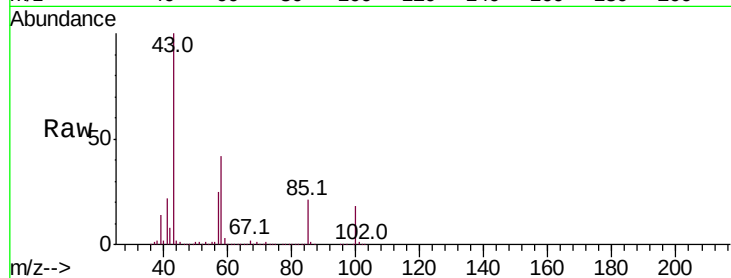
58 42.1 28.8 43.2

Manual Integrations

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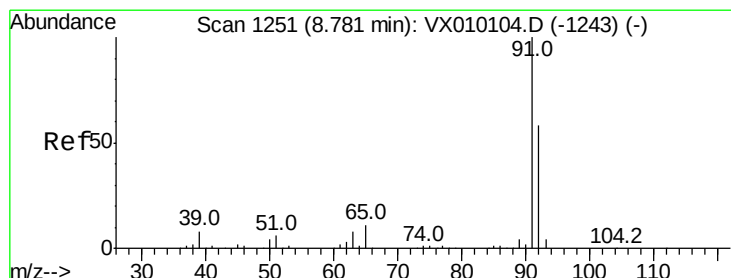
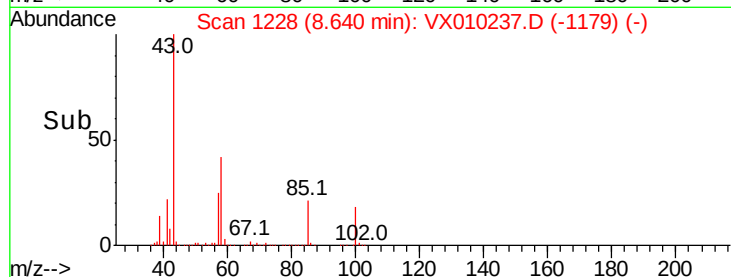
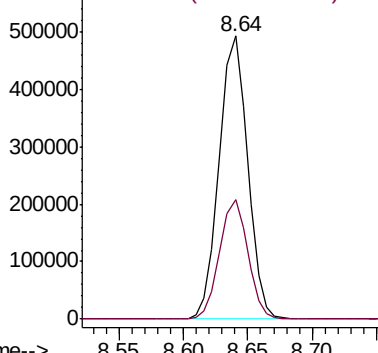
MMDadoda

6/12/2019 9:21:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.298 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010237.D

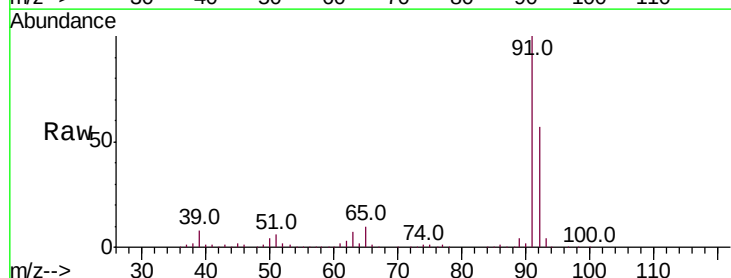
Acq: 11 Jun 2019 17:12

Tgt Ion: 92 Resp: 282250

Ion Ratio Lower Upper

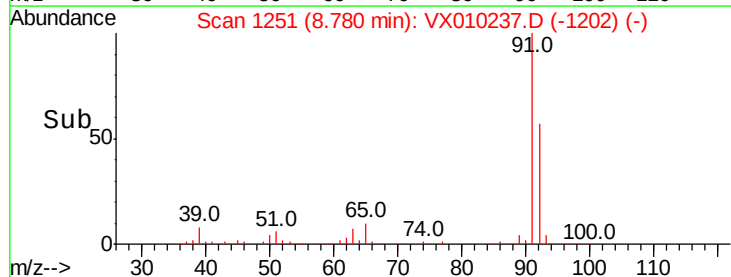
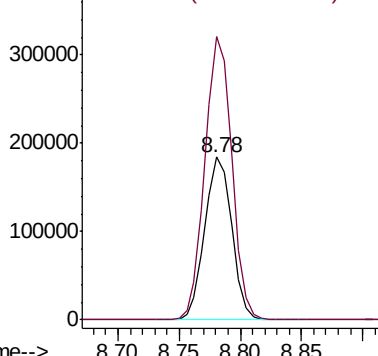
92 100

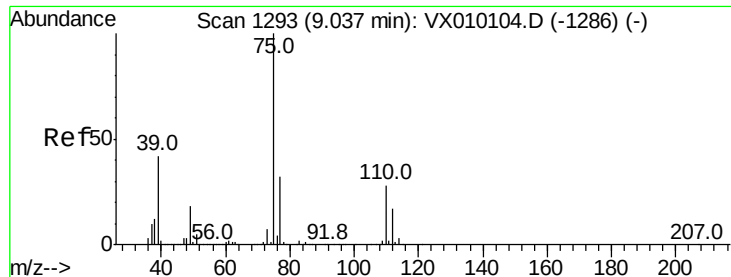
91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 43.814 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 164682

Ion Ratio Lower Upper

75 100

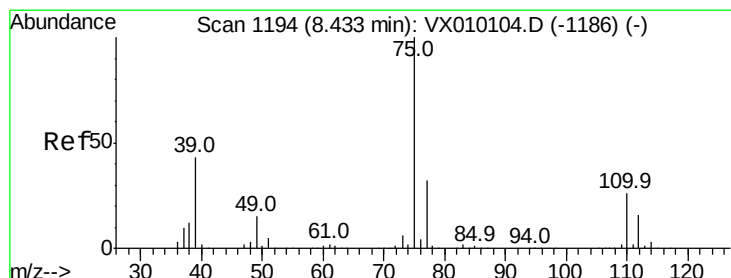
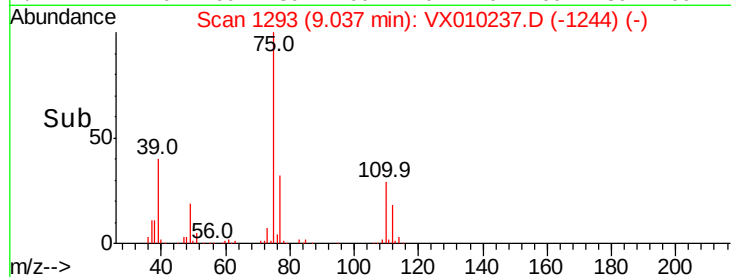
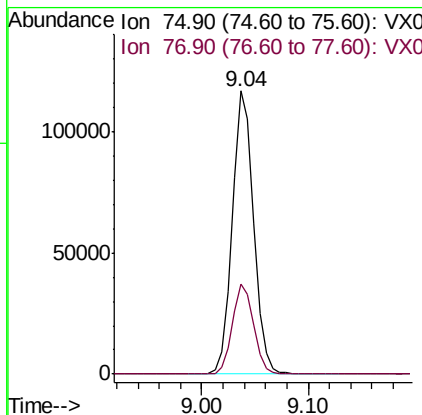
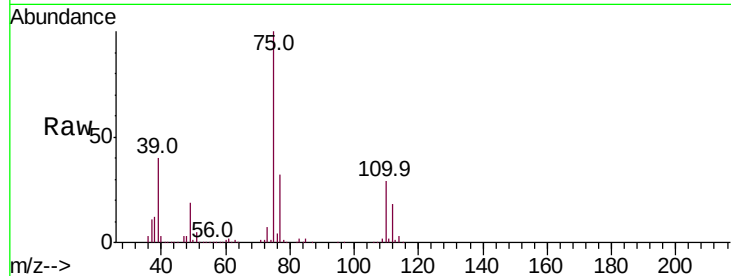
77 31.9 24.6 36.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.059 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

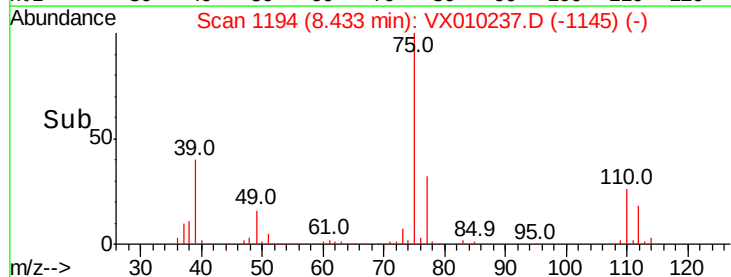
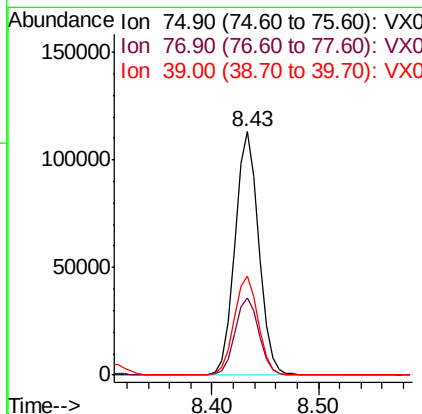
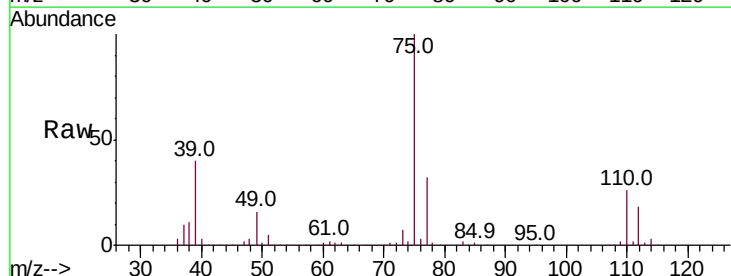
Tgt Ion: 75 Resp: 177534

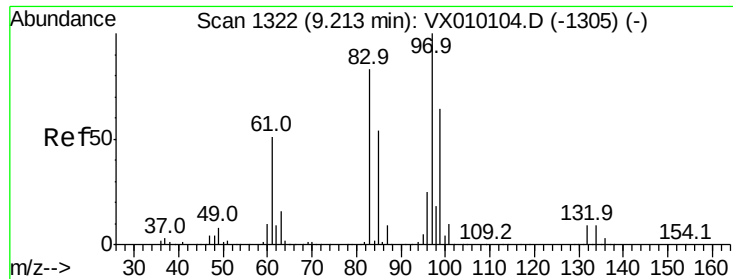
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 40.3 43.4 65.0#





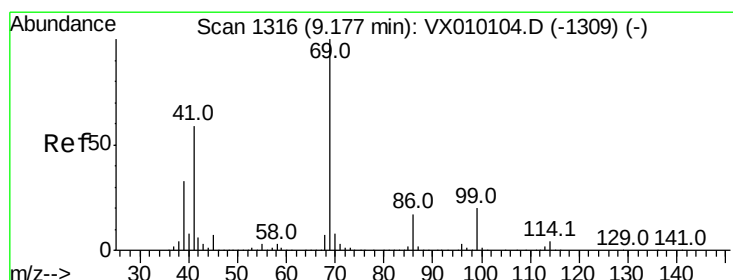
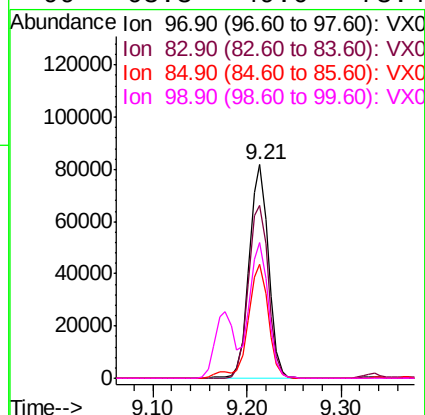
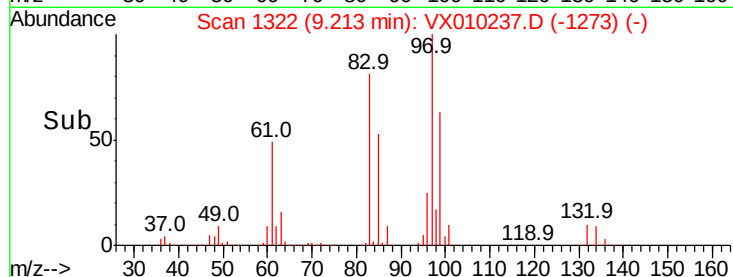
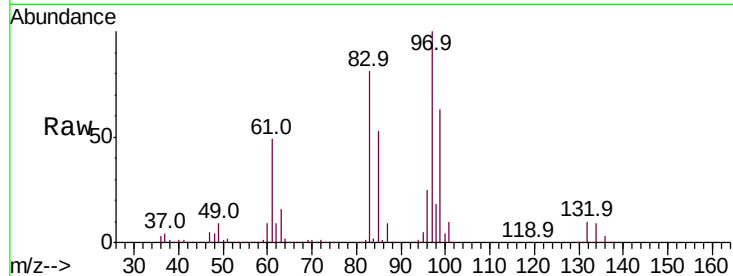
#55
1,1,2-Trichloroethane
Concen: 47.001 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.2	69.8	104.8
85	53.4	45.3	67.9
99	63.3	49.0	73.4

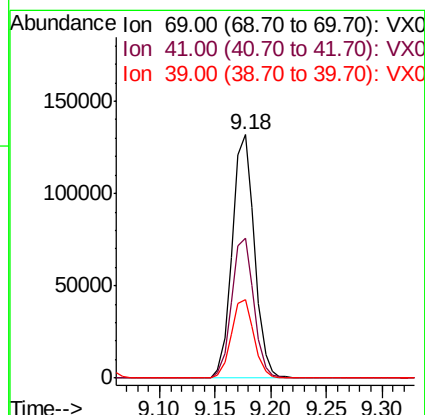
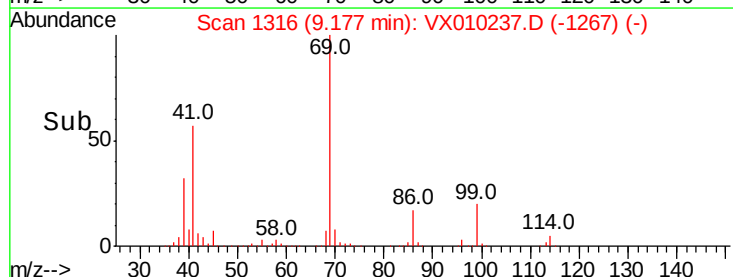
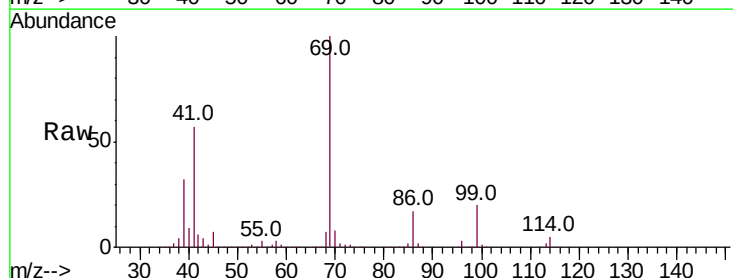
Manual Integrations
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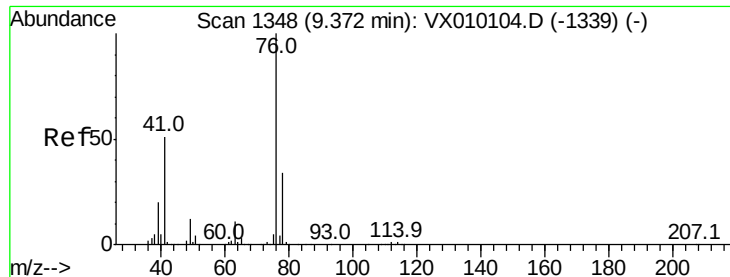
MMDadoda
6/12/2019 9:21:47 AM



#56
Ethyl methacrylate
Concen: 46.152 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.3	62.7	94.1#
39	32.4	29.5	44.3





#57

1,3-Dichloropropane

Concen: 45.955 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 180636

Ion Ratio Lower Upper

76 100

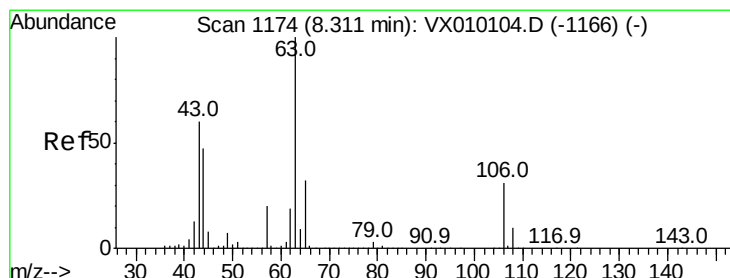
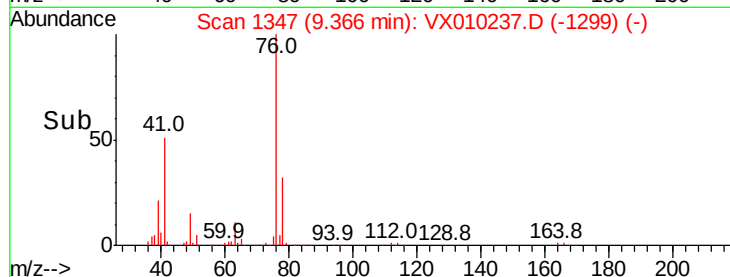
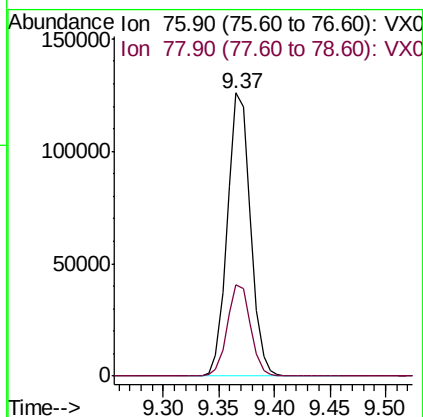
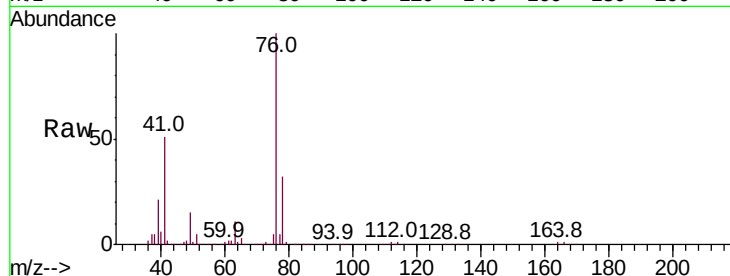
78 32.5 25.4 38.0

Manual Integrations

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MMDadoda

6/12/2019 9:21:47 AM



#58

2-Chloroethyl Vinyl ether

Concen: 228.343 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010237.D

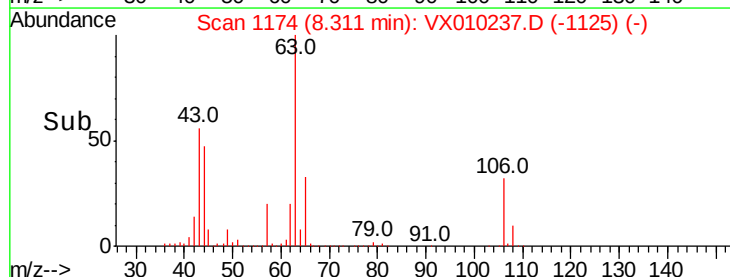
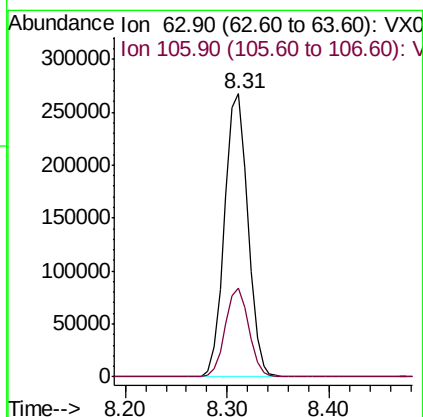
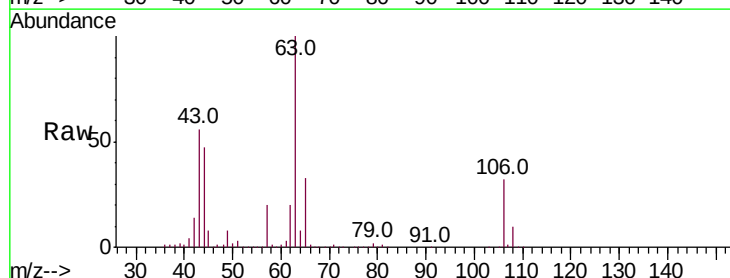
Acq: 11 Jun 2019 17:12

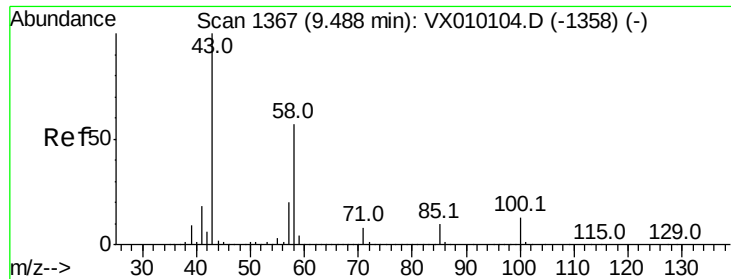
Tgt Ion: 63 Resp: 424551

Ion Ratio Lower Upper

63 100

106 31.4 19.4 29.2#





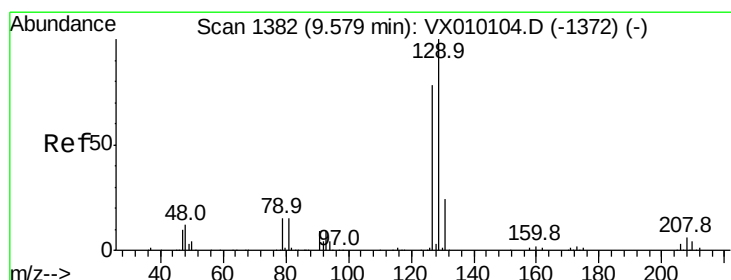
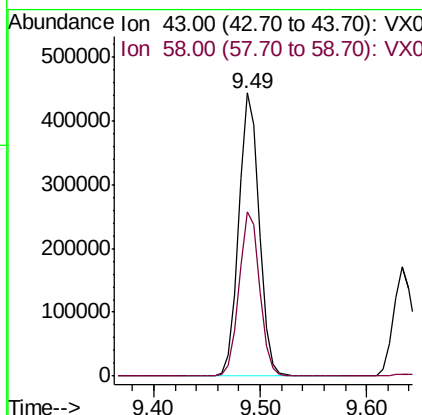
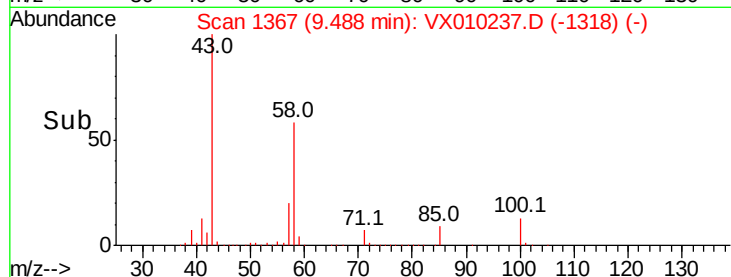
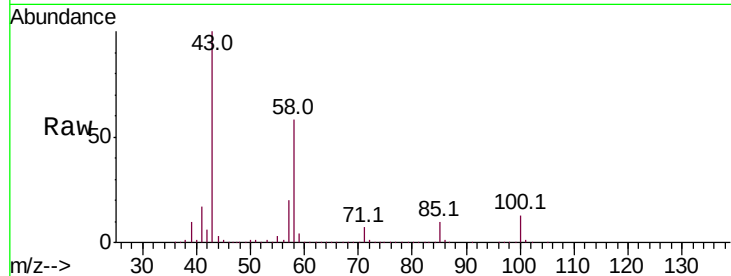
#59
2-Hexanone
Concen: 240.202 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 596956
Ion Ratio Lower Upper
43 100
58 58.7 25.1 75.3

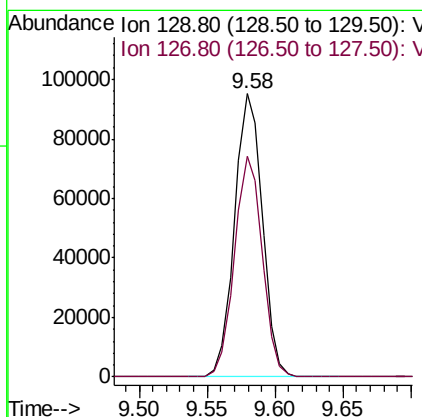
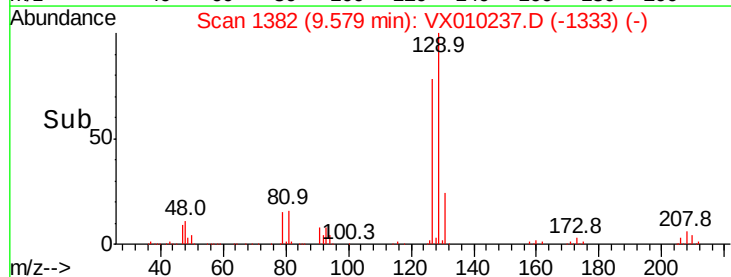
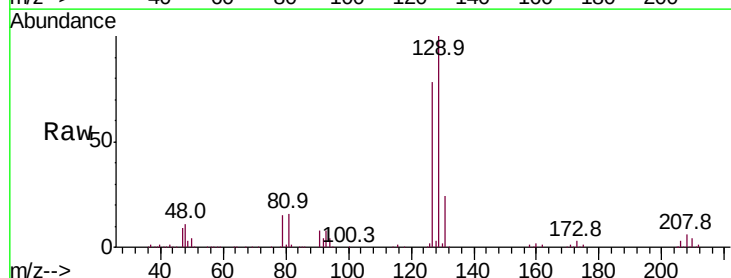
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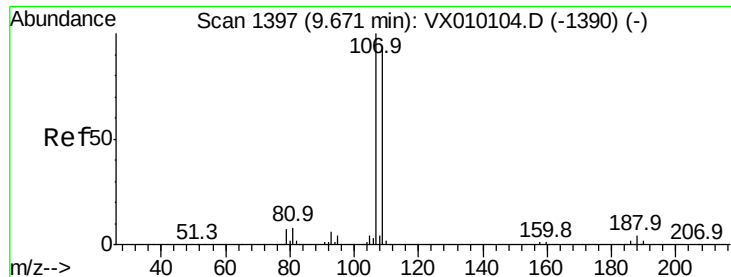
MMDadoda
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#60
Dibromochloromethane
Concen: 45.883 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion: 129 Resp: 135502
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 45.897 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 127625

Ion Ratio Lower Upper

107 100

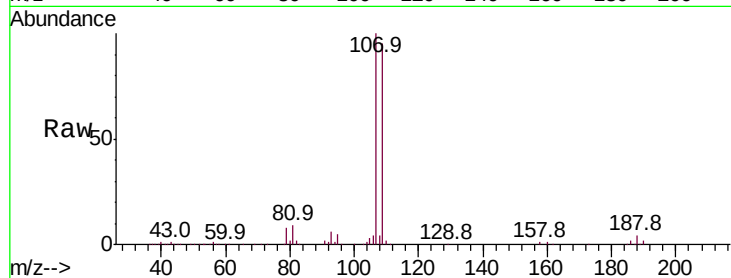
109 94.8 75.4 113.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

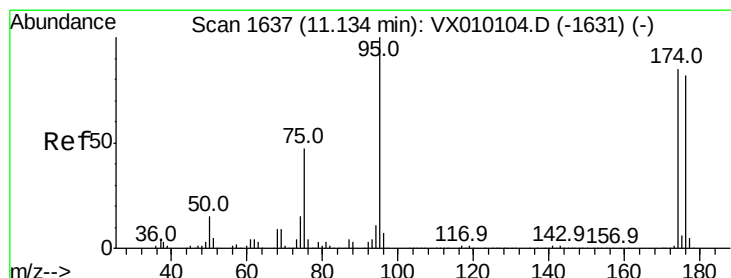
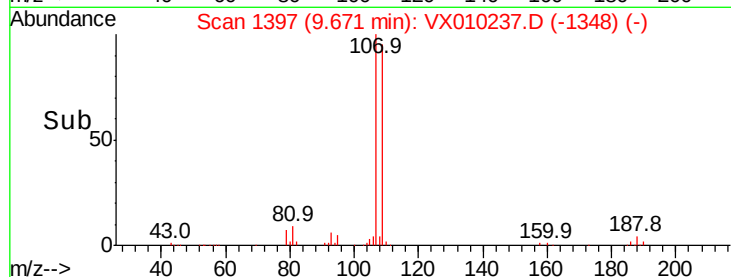
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.542 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

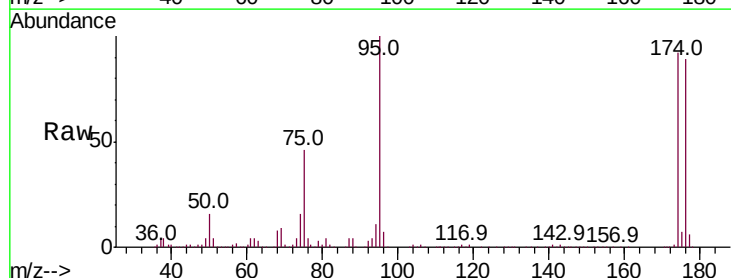
Tgt Ion: 95 Resp: 144544

Ion Ratio Lower Upper

95 100

174 96.0 0.0 160.4

176 92.7 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

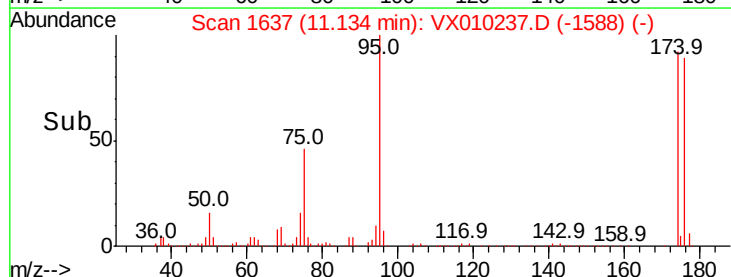
150000

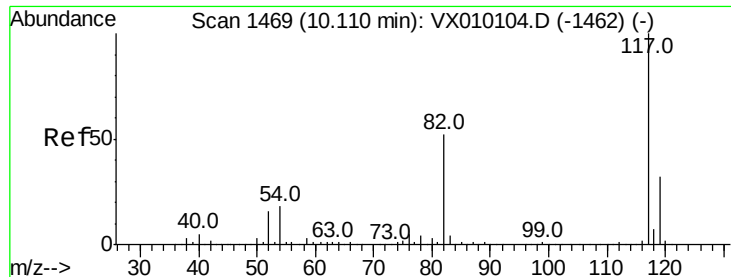
100000

50000

0

Time-->





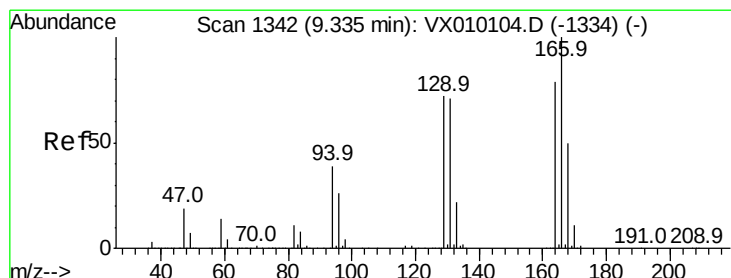
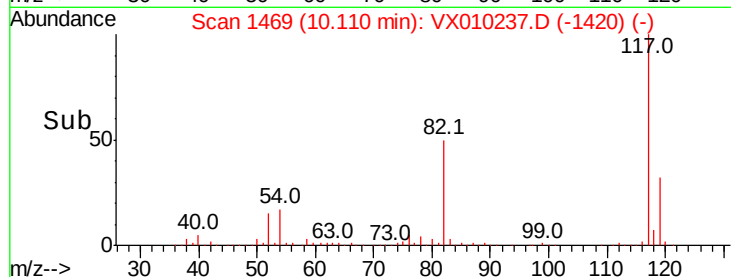
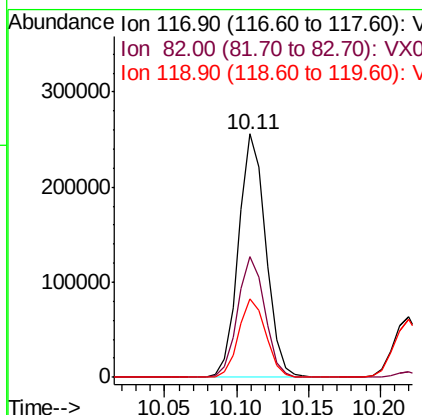
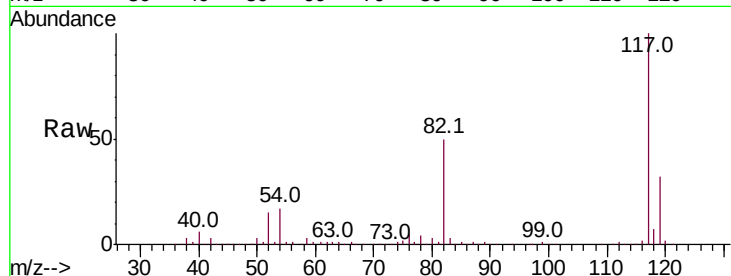
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	49.2	73.8
119	32.0	25.2	37.8

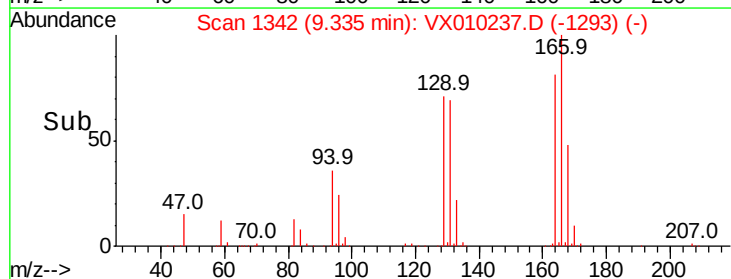
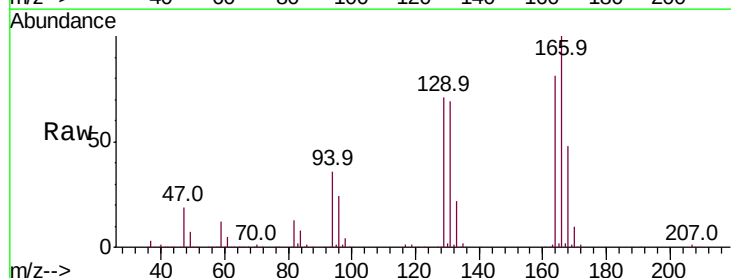
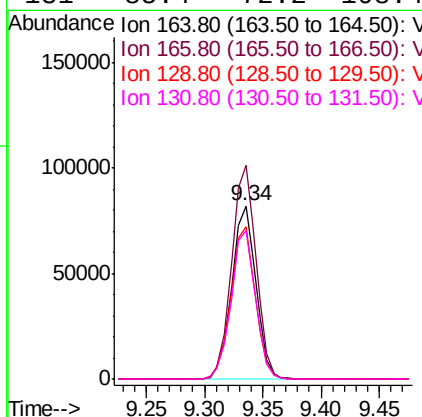
Manual Integrations
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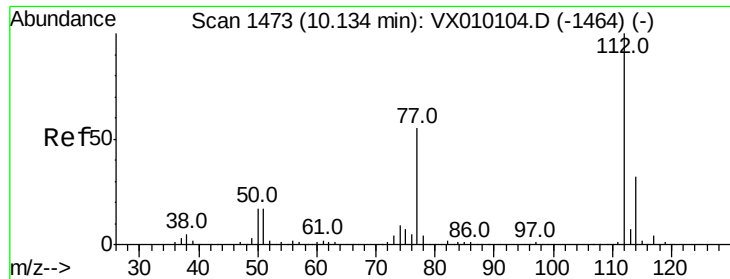
MMDadoda
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#64
Tetrachloroethene
Concen: 47.557 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	105.0	157.4
129	87.8	75.1	112.7
131	85.4	72.2	108.4





#65

Chlorobenzene

Concen: 46.443 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 322803

Ion Ratio Lower Upper

112 100

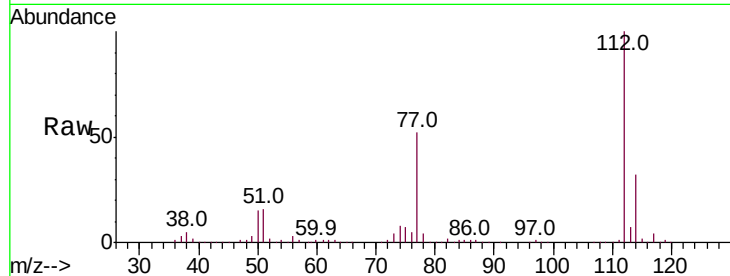
114 32.4 25.8 38.8

Manual Integrations

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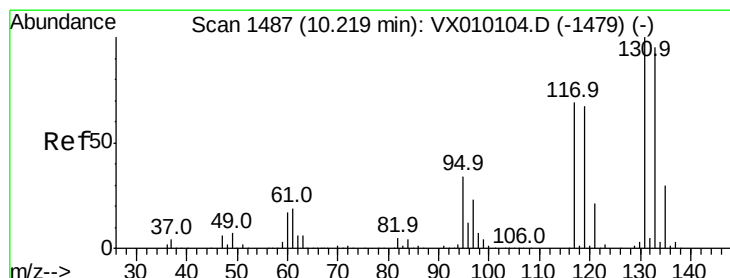
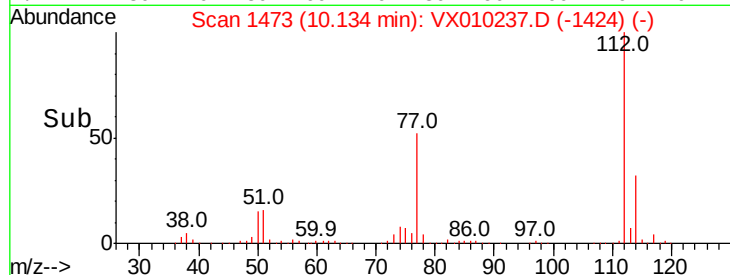
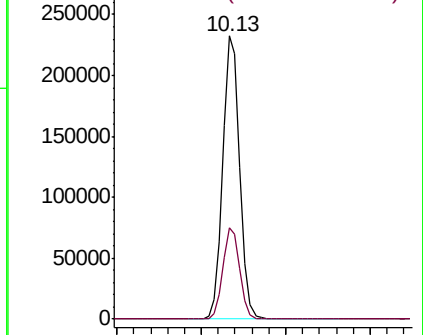
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.482 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

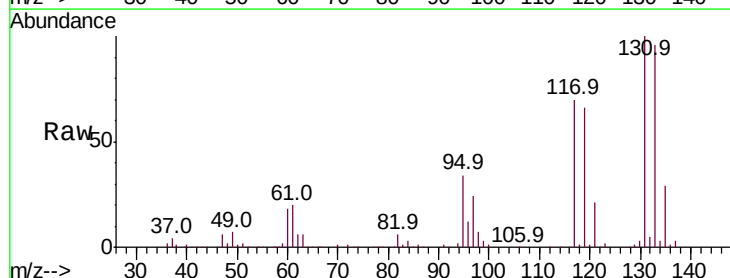
Tgt Ion:131 Resp: 121570

Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

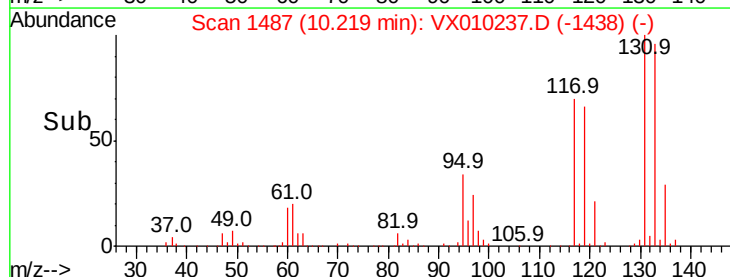
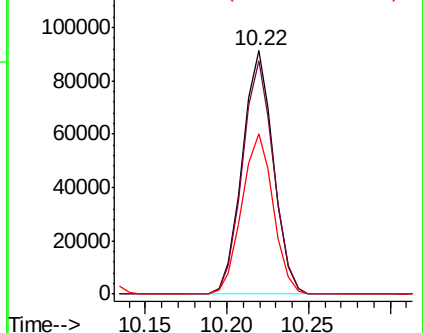
119 66.8 33.4 100.1

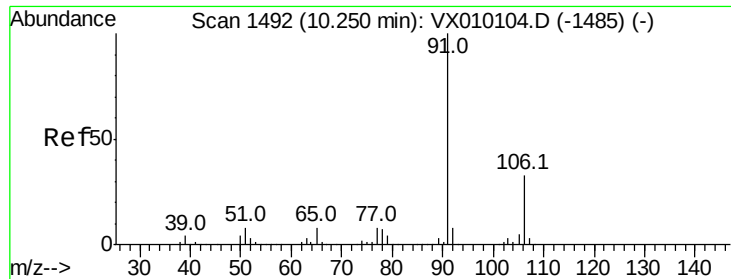


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.390 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 548896

Ion Ratio Lower Upper

91 100

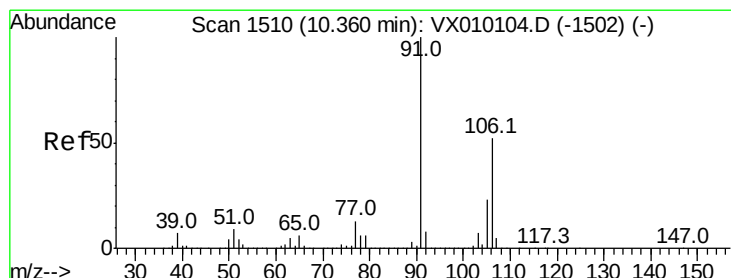
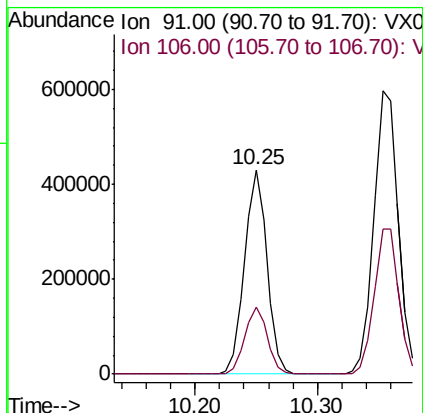
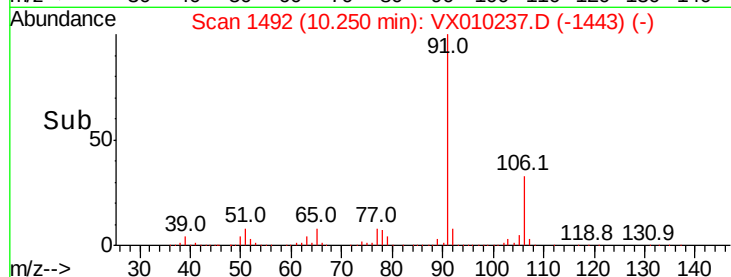
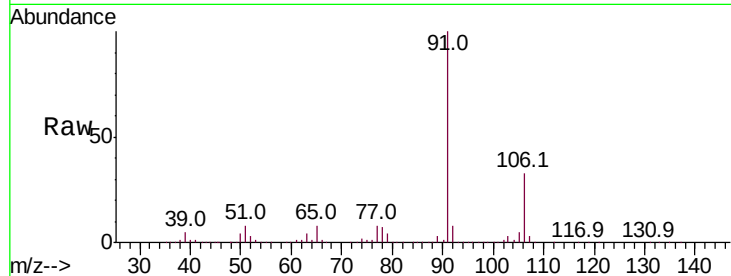
106 32.8 23.9 35.9

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#68

m/p-Xylenes

Concen: 94.252 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010237.D

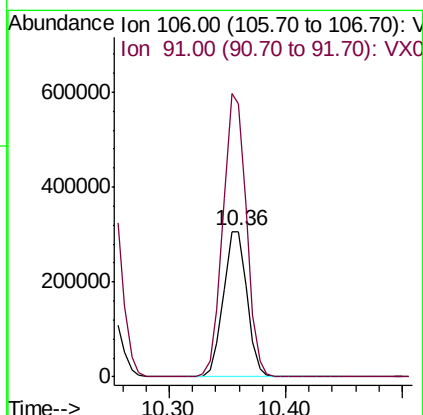
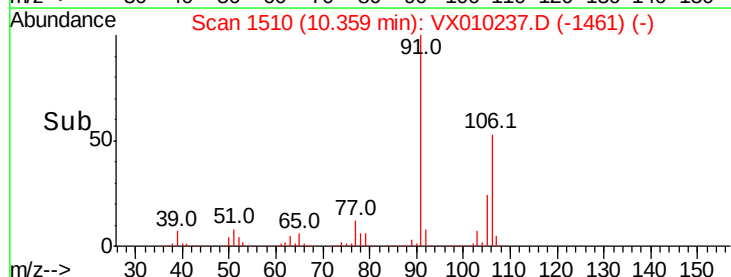
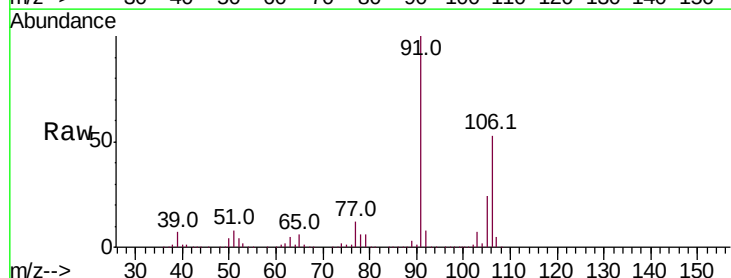
Acq: 11 Jun 2019 17:12

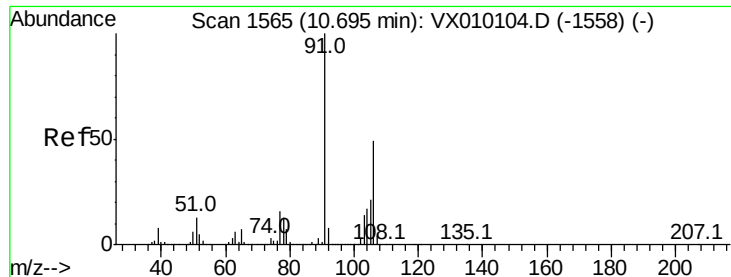
Tgt Ion: 106 Resp: 431552

Ion Ratio Lower Upper

106 100

91 191.9 167.3 250.9





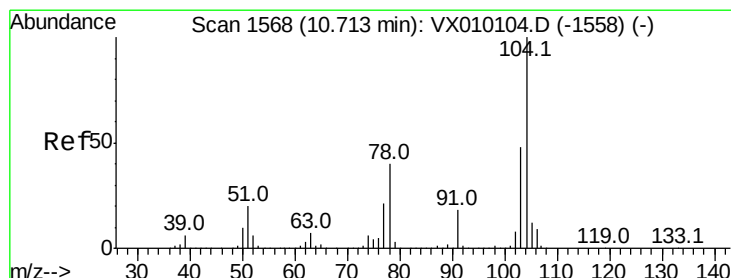
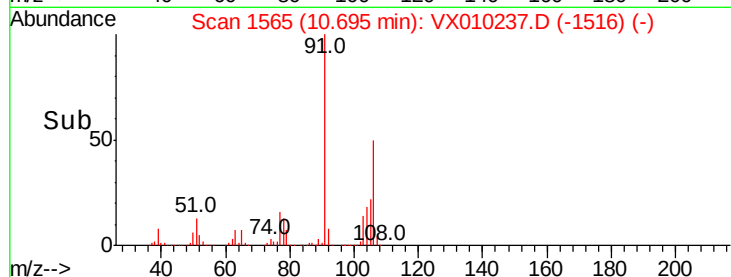
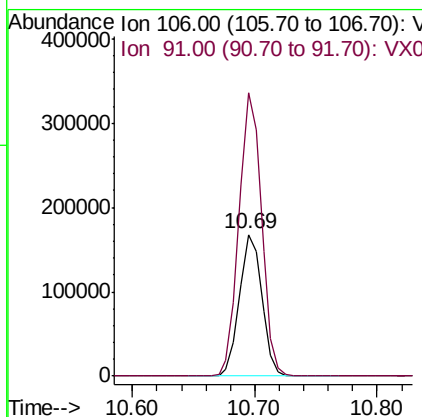
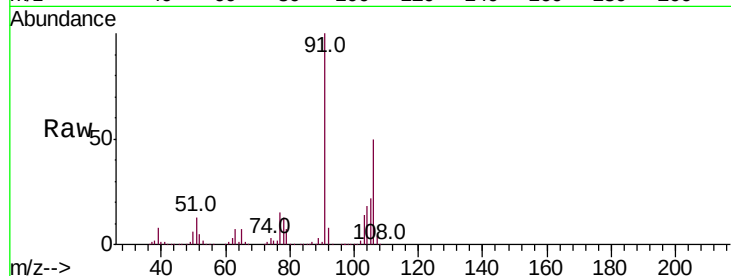
#69
o-Xylene
Concen: 46.905 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.3	110.4	331.2

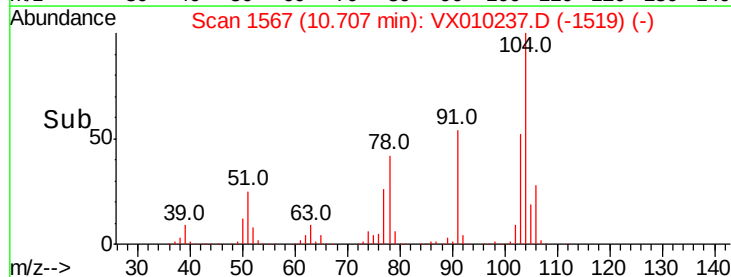
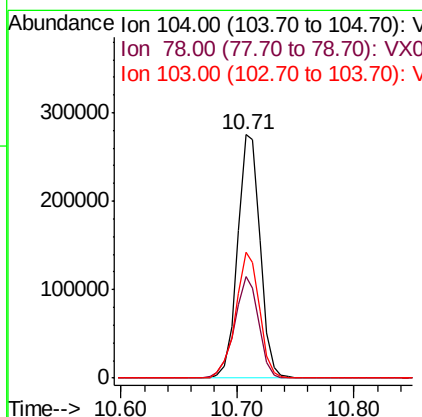
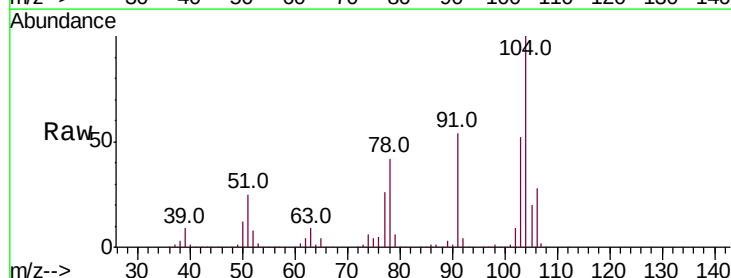
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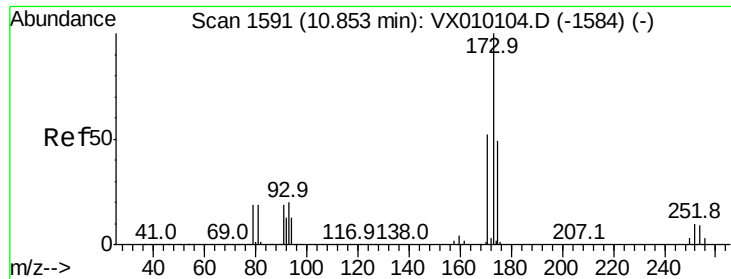
MMDadoda
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#70
Styrene
Concen: 48.096 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.5	42.1	63.1
103	54.3	44.1	66.1





#71

Bromoform

Concen: 47.104 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 115745

Ion Ratio Lower Upper

173 100

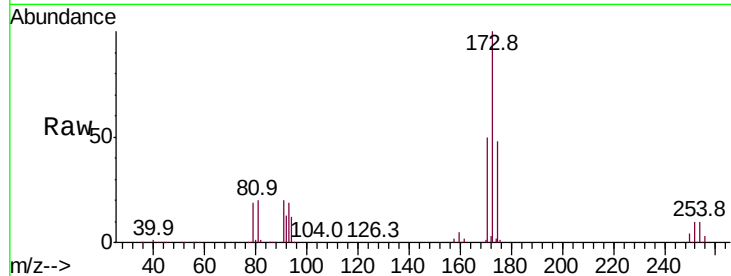
175 47.4 25.0 75.0

254 0.1 0.2 0.2#

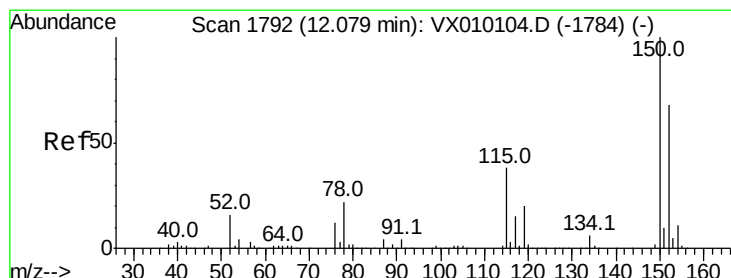
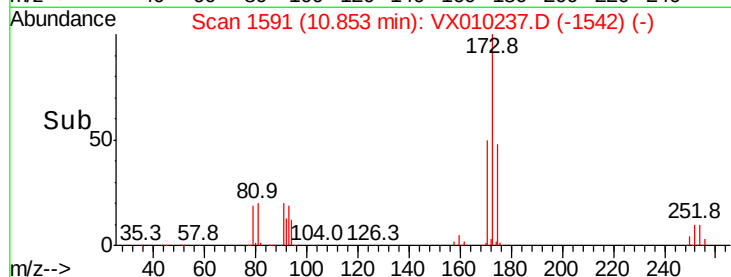
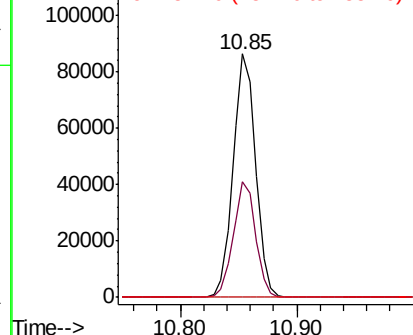
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

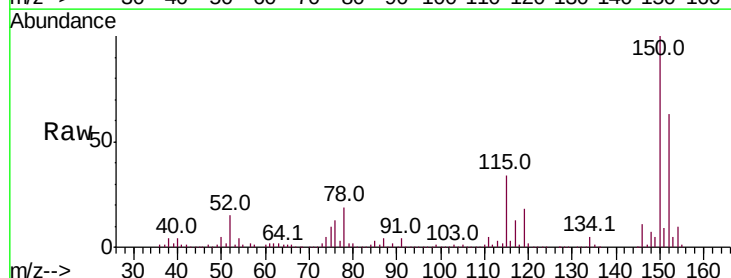
Tgt Ion:152 Resp: 183501

Ion Ratio Lower Upper

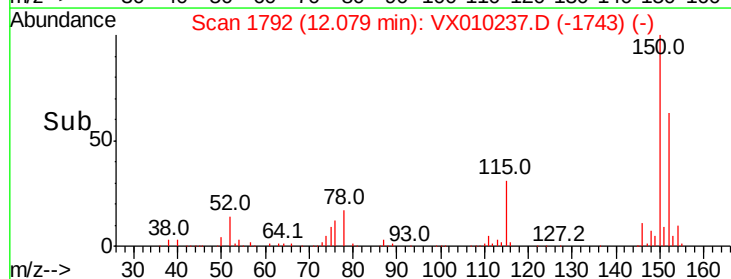
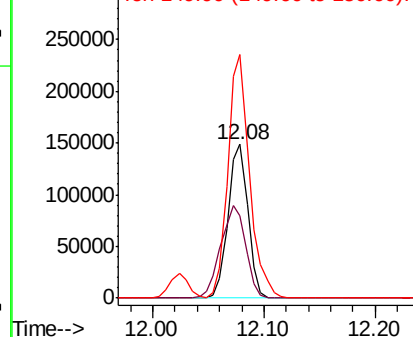
152 100

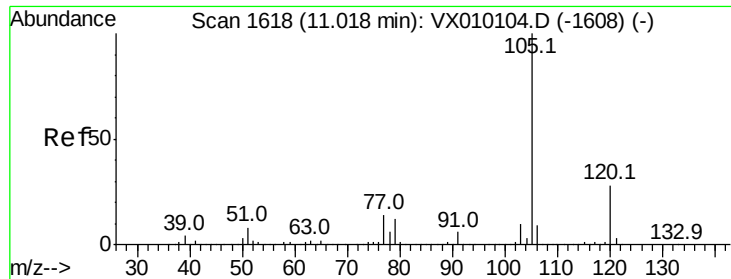
115 75.1 41.4 124.2

150 171.7 0.0 345.2



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: 44.028 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 563979

Ion Ratio Lower Upper

105 100

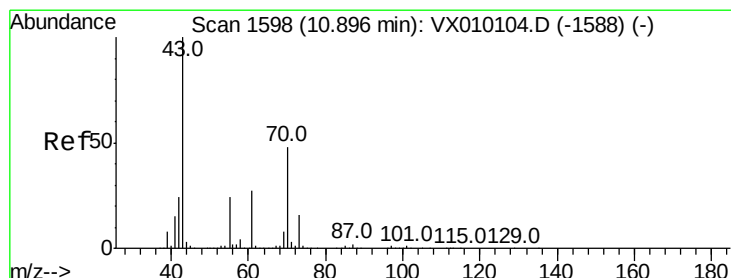
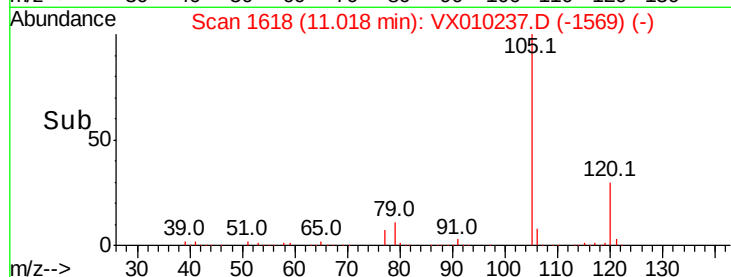
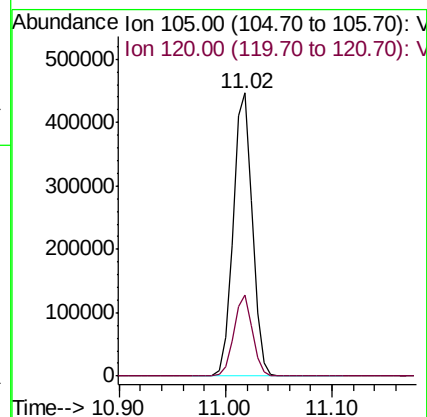
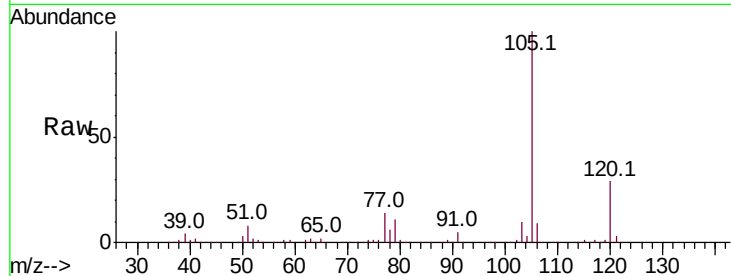
120 27.8 12.8 38.4

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#74

N-ethyl acetate

Concen: 43.096 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion: 43 Resp: 218219

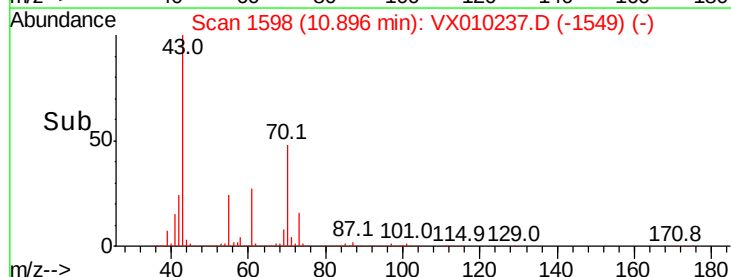
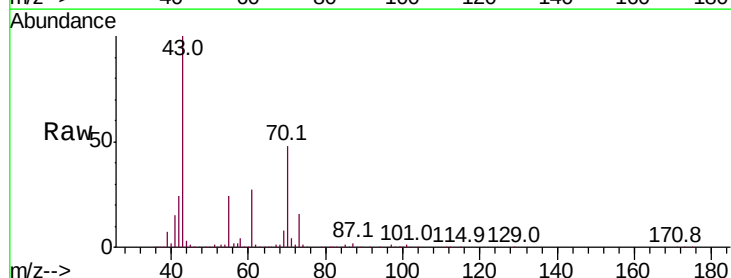
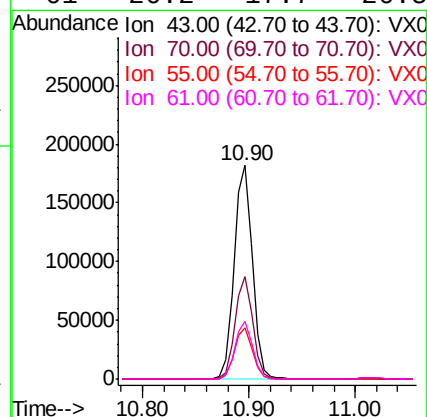
Ion Ratio Lower Upper

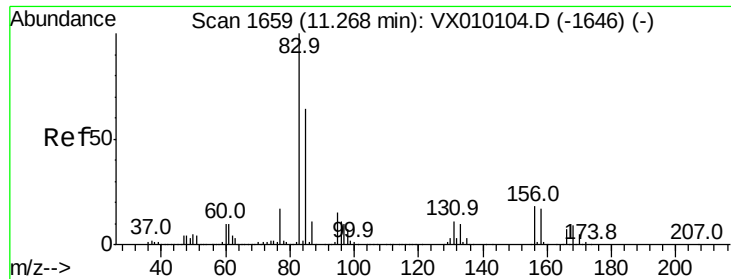
43 100

70 46.8 28.6 43.0#

55 24.1 17.8 26.8

61 26.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.737 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

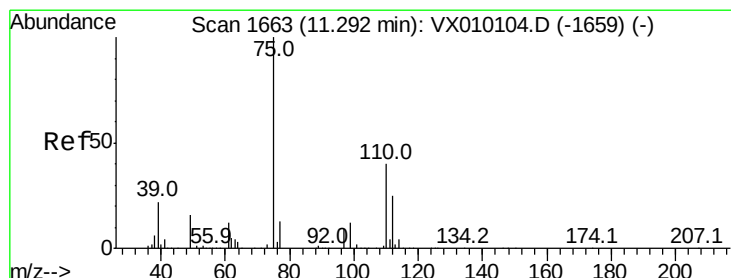
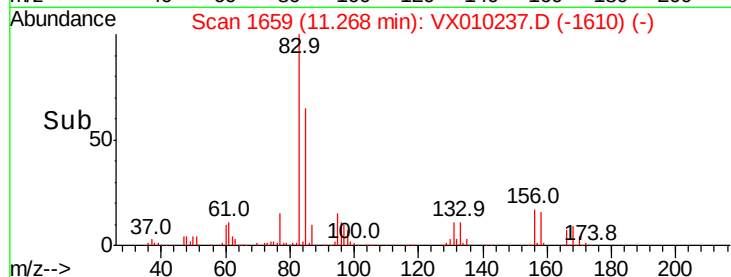
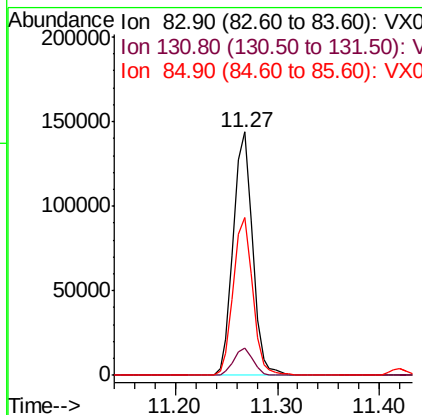
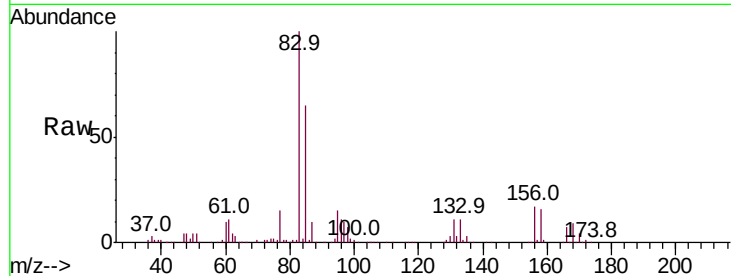
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	187395
Ion Ratio	Lower	Upper	
83	100		
131	10.9	4.7	14.1
85	65.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.171 ug/l m

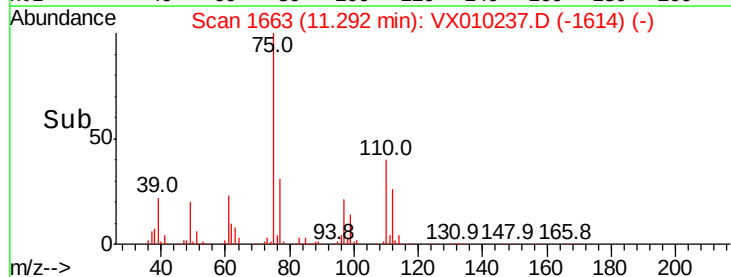
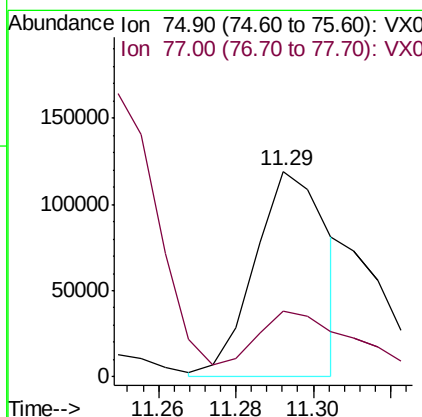
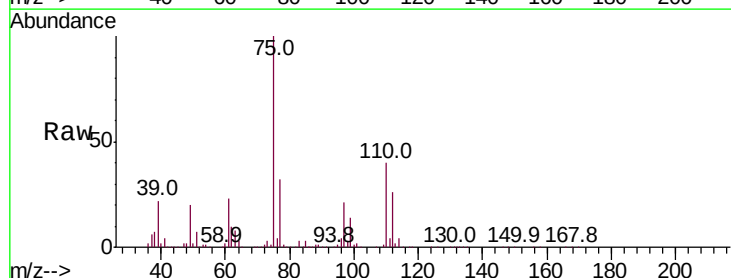
RT: 11.29 min Scan# 1663

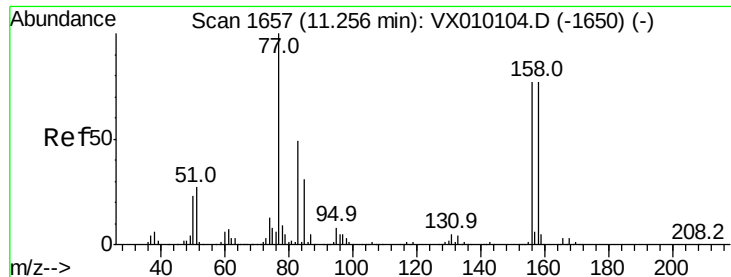
Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	75	Resp:	154785
Ion Ratio	Lower	Upper	
75	100		
77	44.4	22.1	66.1





#77

Bromobenzene

Concen: 44.339 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 156188

Ion Ratio Lower Upper

156 100

77 130.9 86.8 260.3

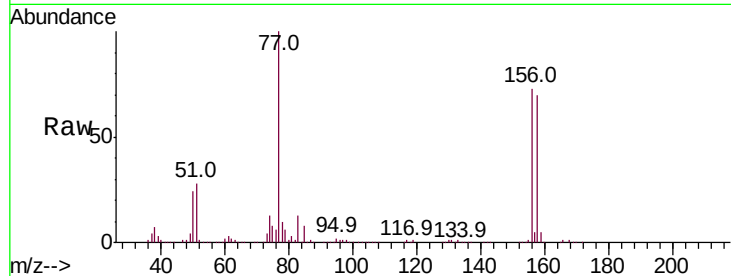
158 97.3 49.6 148.8

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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

200000

150000

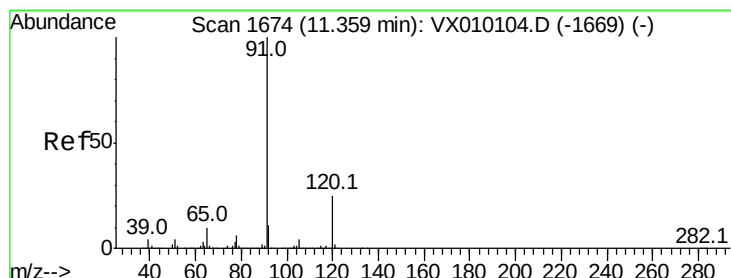
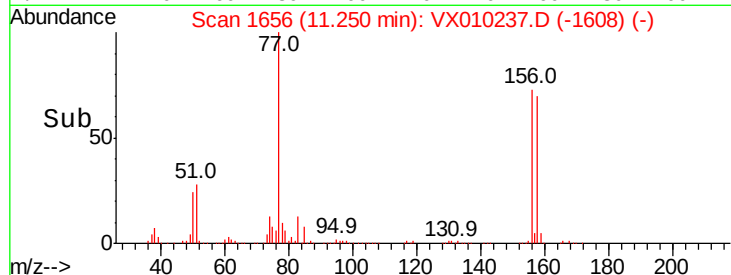
100000

50000

0

11.20 11.25 11.30

Time-->



#78

n-propylbenzene

Concen: 44.804 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010237.D

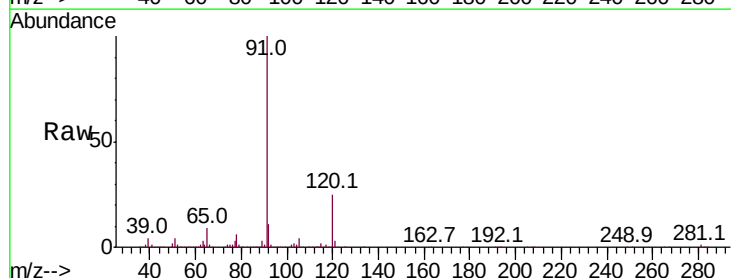
Acq: 11 Jun 2019 17:12

Tgt Ion: 91 Resp: 638943

Ion Ratio Lower Upper

91 100

120 24.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

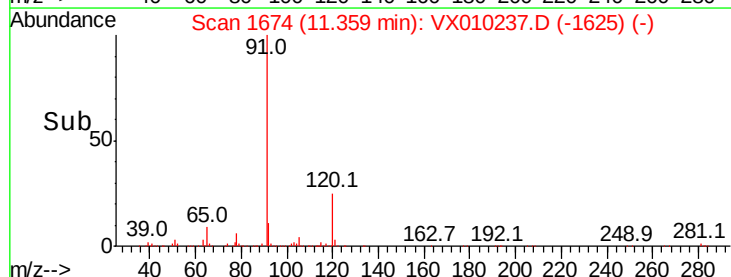
200000

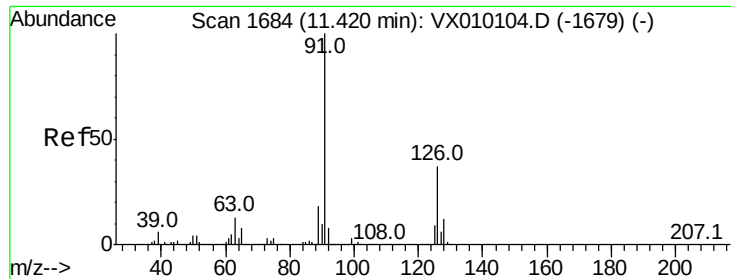
100000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 43.062 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 368822

Ion Ratio Lower Upper

91 100

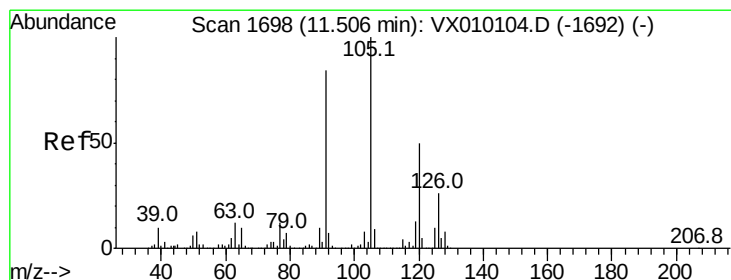
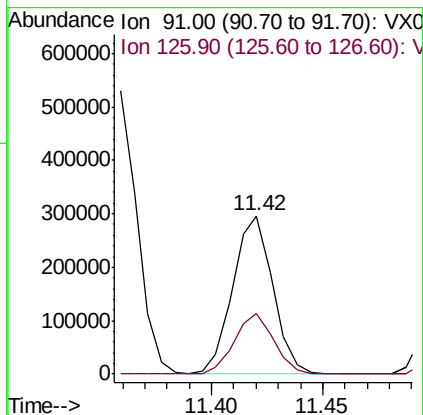
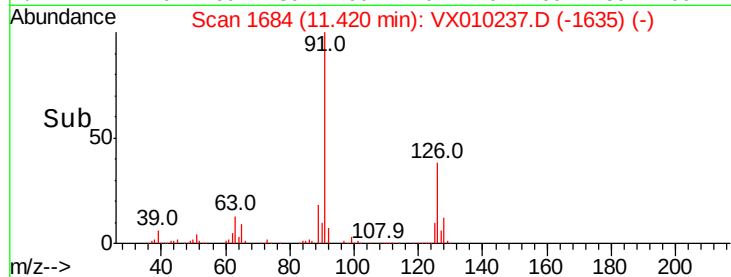
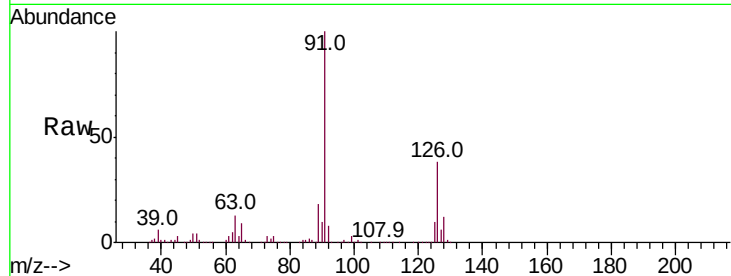
126 38.0 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 43.938 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010237.D

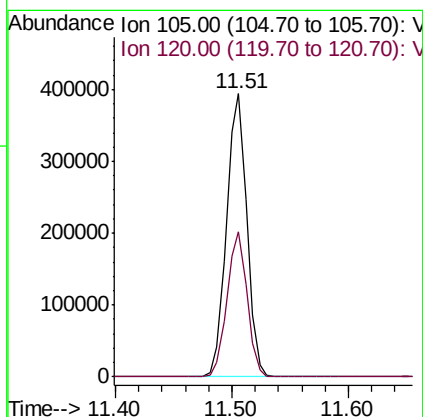
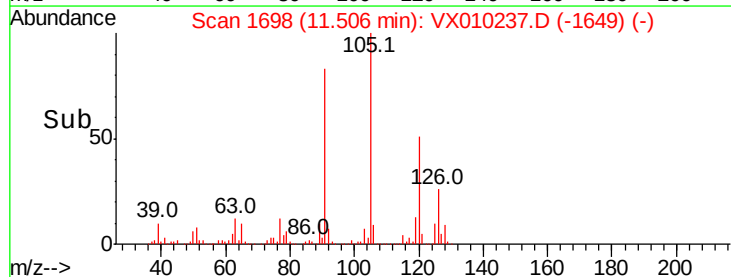
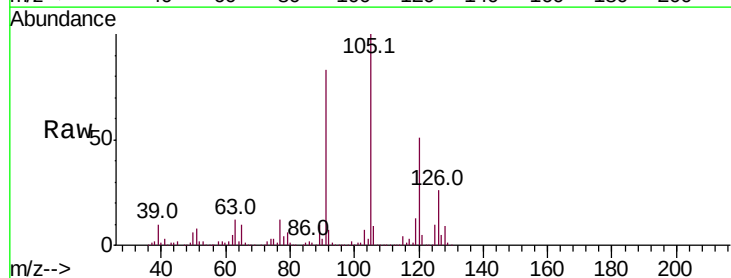
Acq: 11 Jun 2019 17:12

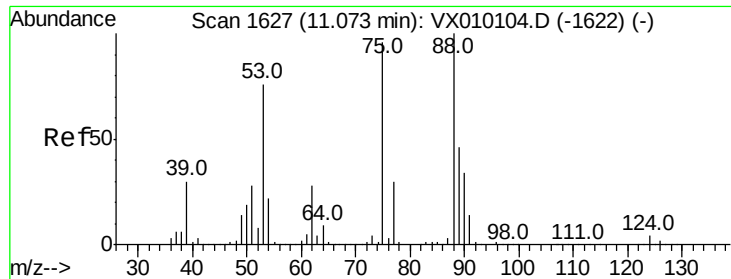
Tgt Ion: 105 Resp: 474050

Ion Ratio Lower Upper

105 100

120 50.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.121 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

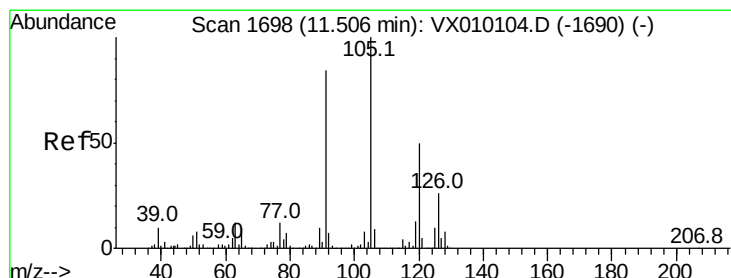
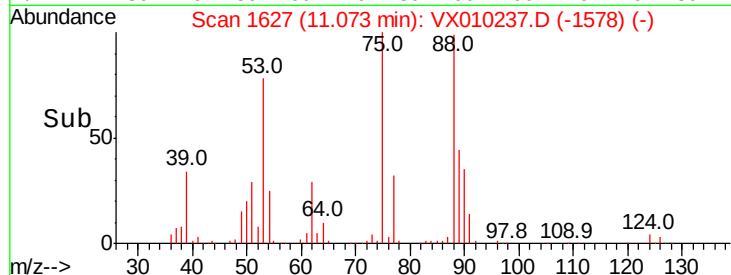
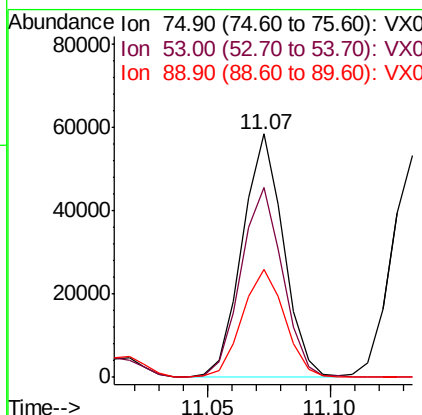
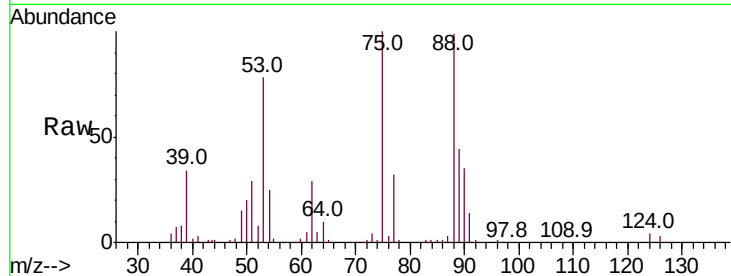
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	78.8	79.8	119.6#
89	45.8	34.2	51.4

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#82

4-Chlorotoluene

Concen: 43.886 ug/l

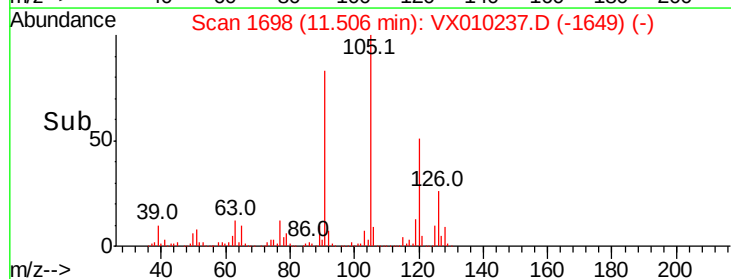
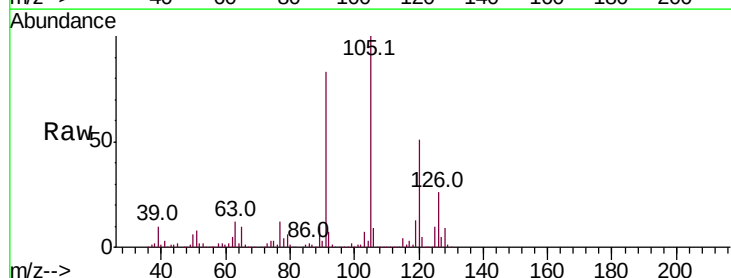
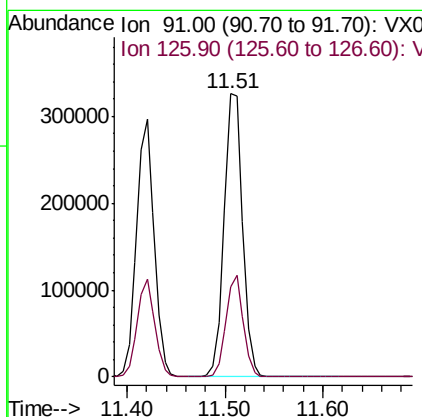
RT: 11.51 min Scan# 1698

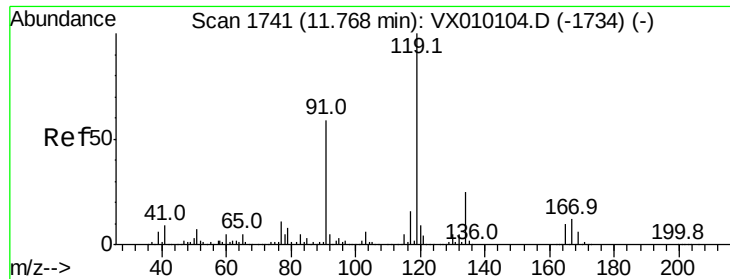
Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	14.2	42.6





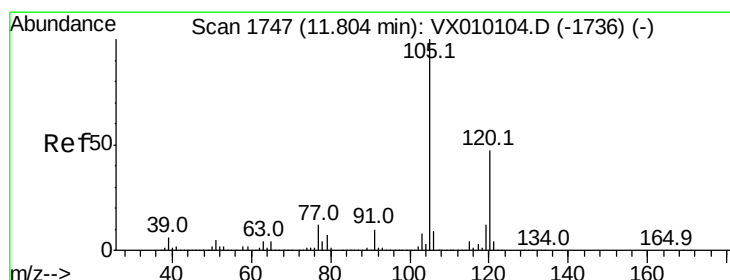
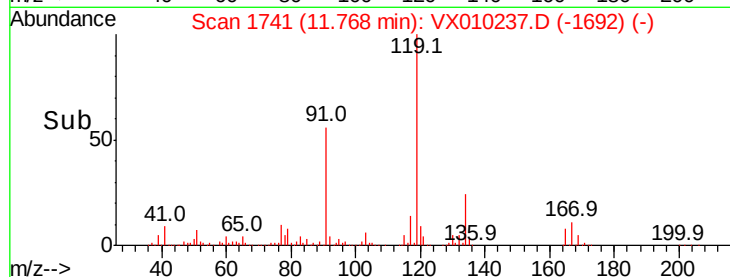
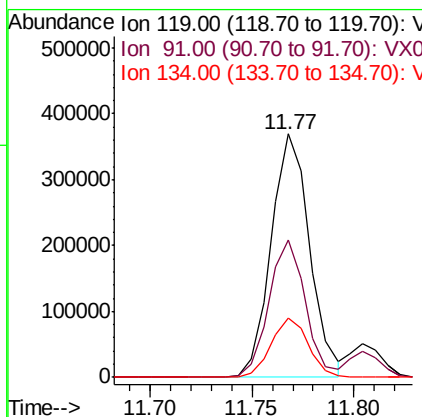
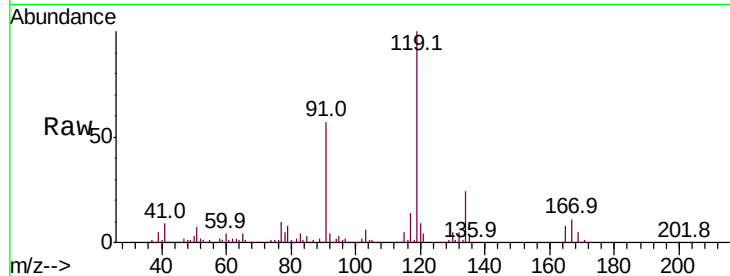
#83
 tert-Butylbenzene
 Concen: 44.700 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	488133		
91	53.5	30.0	90.0	
134	23.4	11.2	33.5	

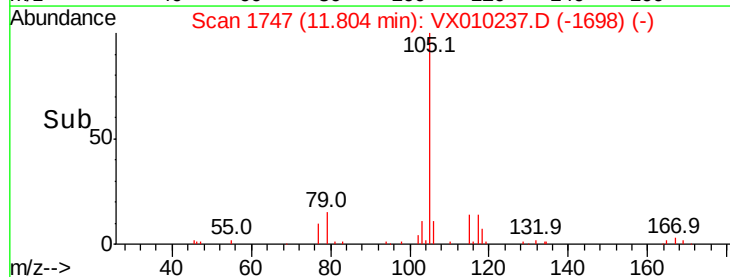
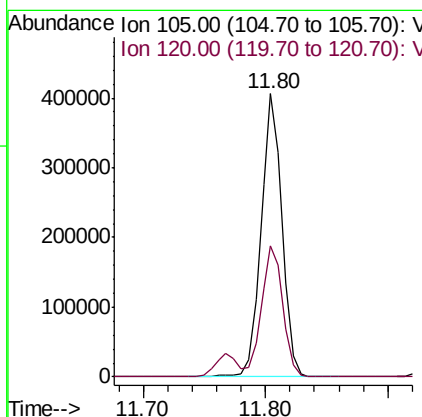
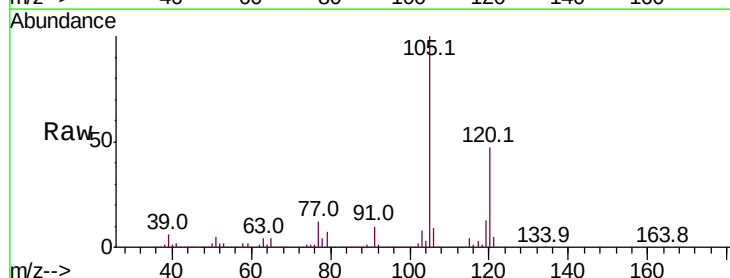
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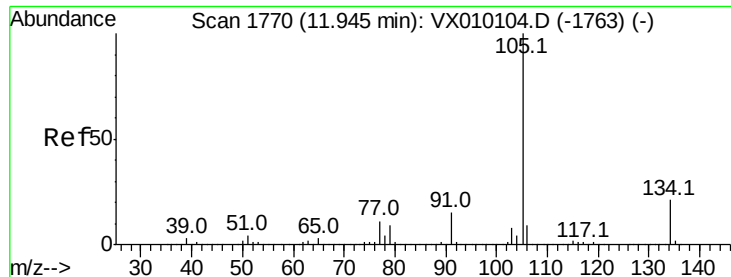
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.321 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	483004		
120	47.4	22.1	66.1	





#85

sec-Butylbenzene

Concen: 45.059 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 573260

Ion Ratio Lower Upper

105 100

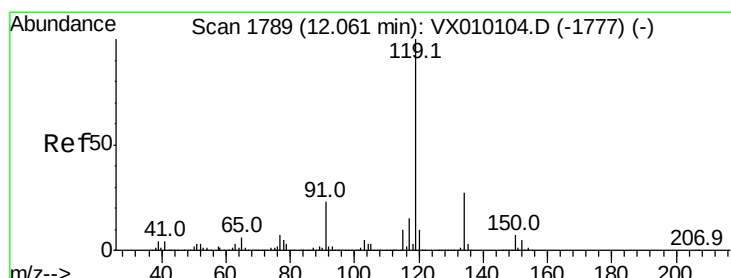
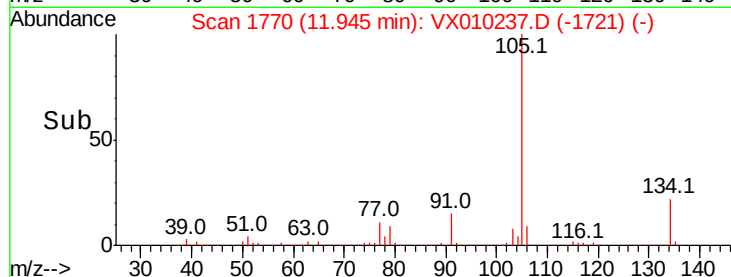
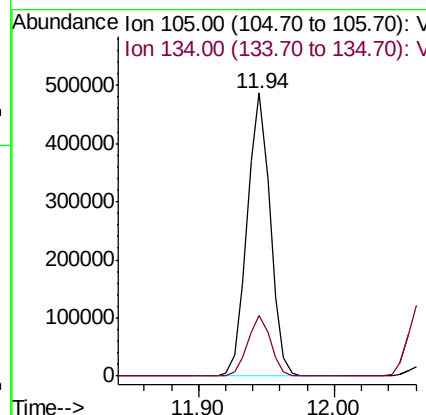
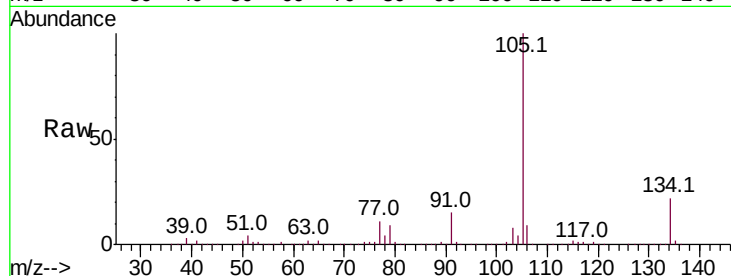
134 21.4 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 45.448 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

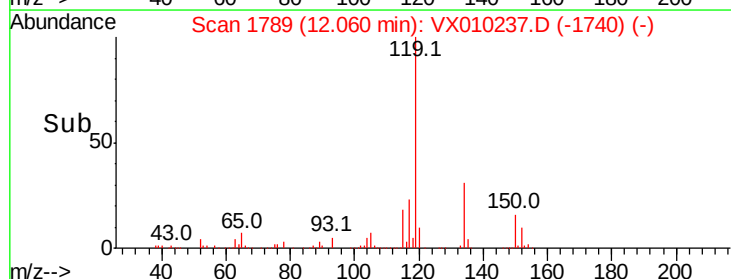
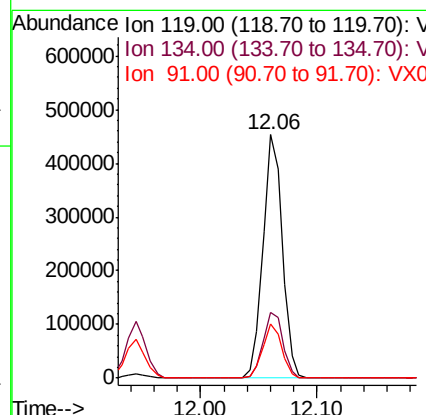
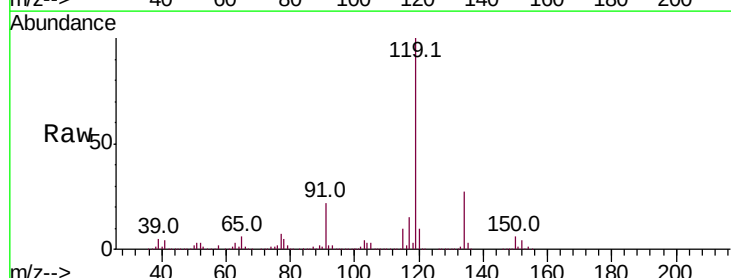
Tgt Ion:119 Resp: 528583

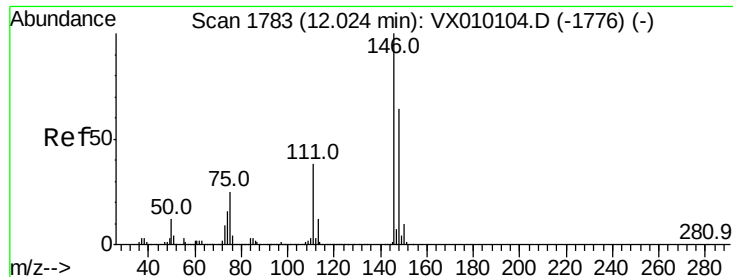
Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.6

91 22.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 45.558 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Instrument :

MSVOA_X

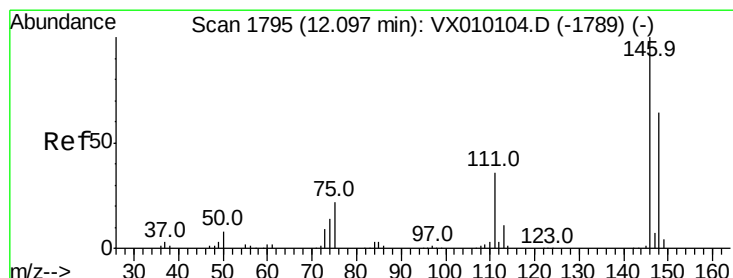
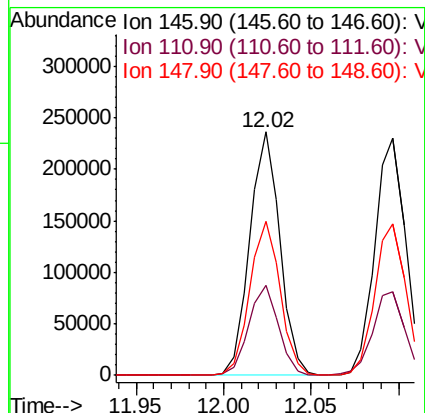
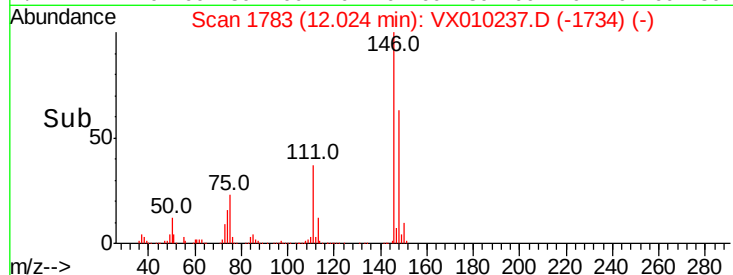
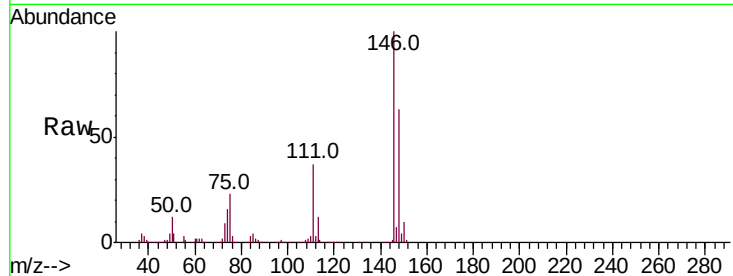
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	282674
Ion Ratio	Lower	Upper	
146	100		
111	36.9	20.1	60.2
148	63.5	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 45.123 ug/l

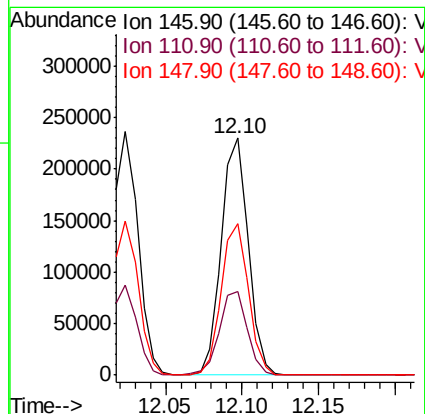
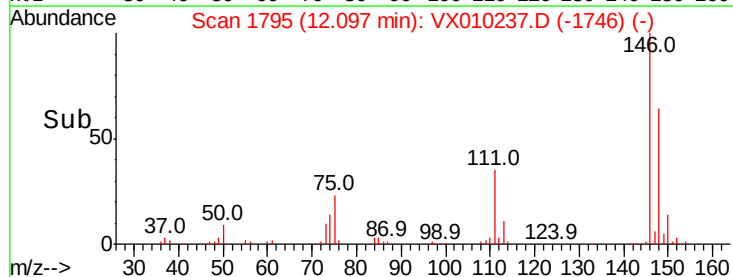
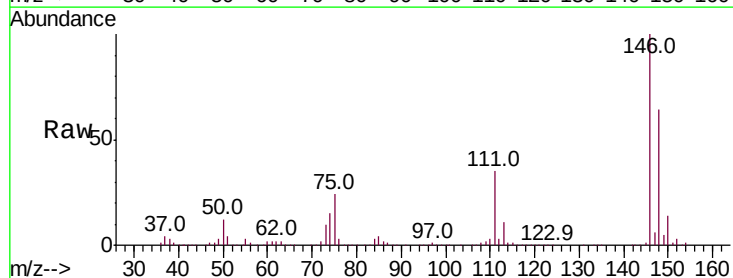
RT: 12.10 min Scan# 1795

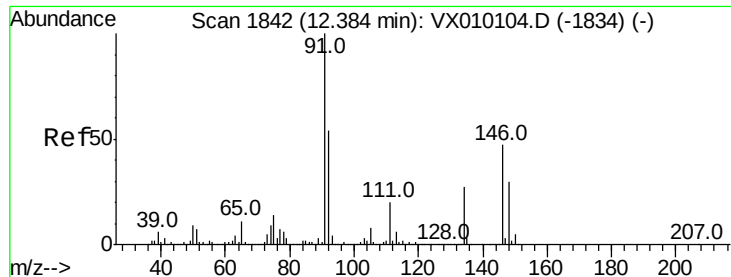
Delta R.T. -0.00 min

Lab File: VX010237.D

Acq: 11 Jun 2019 17:12

Tgt Ion:	146	Resp:	282235
Ion Ratio	Lower	Upper	
146	100		
111	36.5	20.0	59.9
148	64.1	32.3	96.9





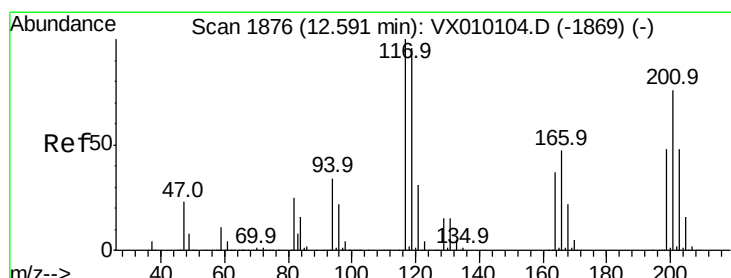
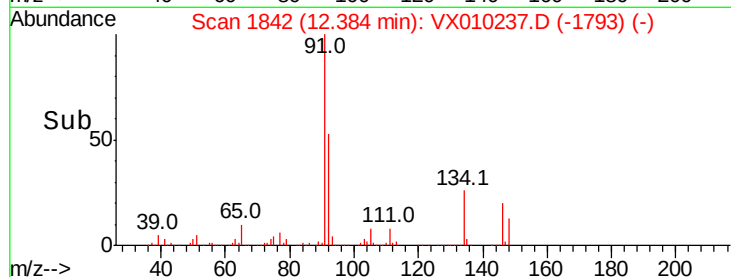
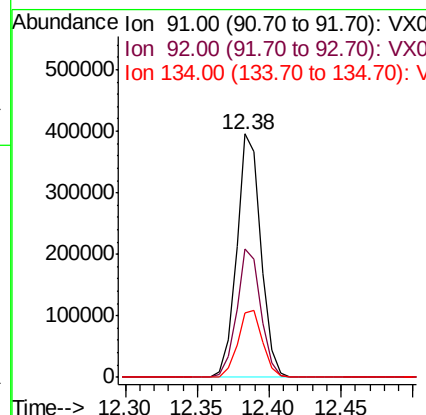
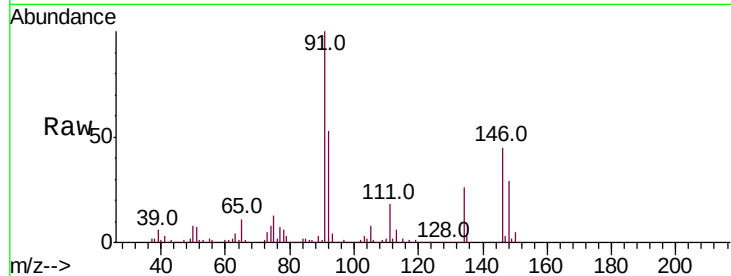
#89
n-Butylbenzene
Concen: 46.329 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.8
134	28.3	12.3	36.8

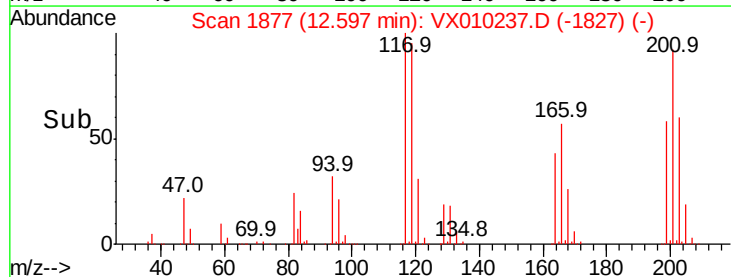
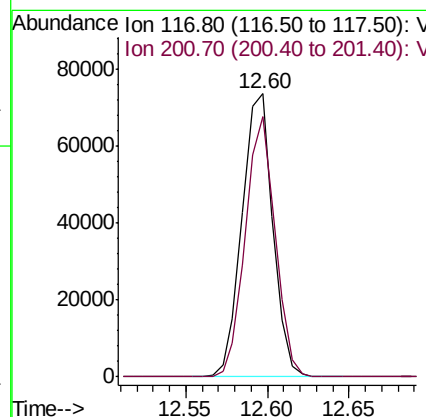
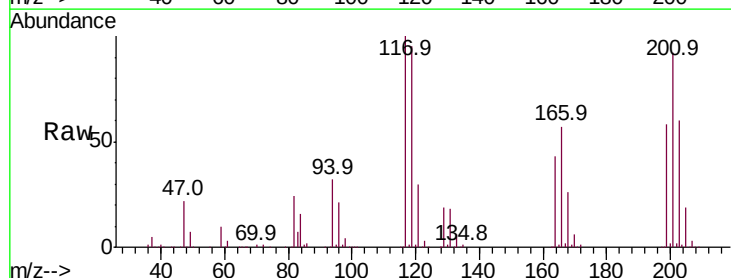
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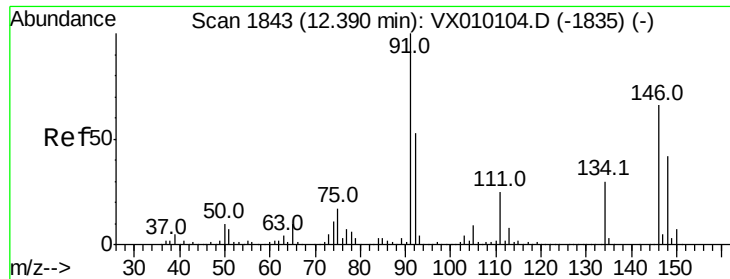
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#90
Hexachloroethane
Concen: 41.926 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	43.6	130.9





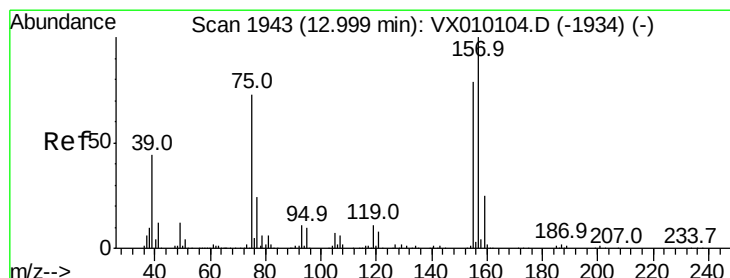
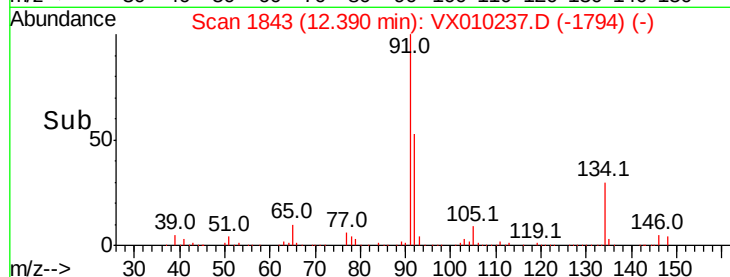
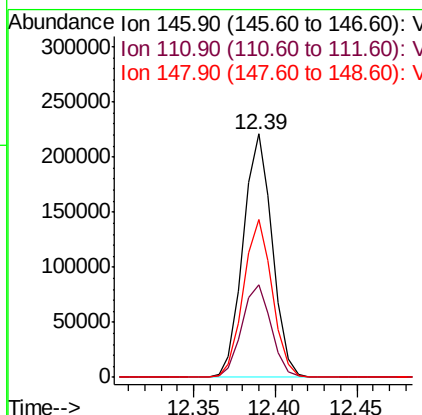
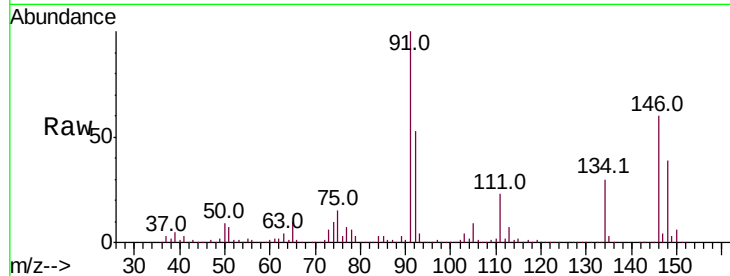
#91
 1,2-Dichlorobenzene
 Concen: 45.619 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	21.1	63.1
148	64.5	32.3	96.8

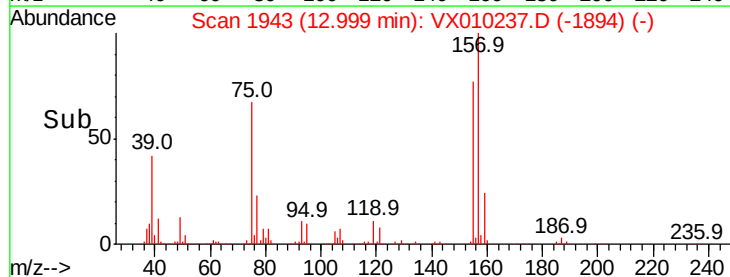
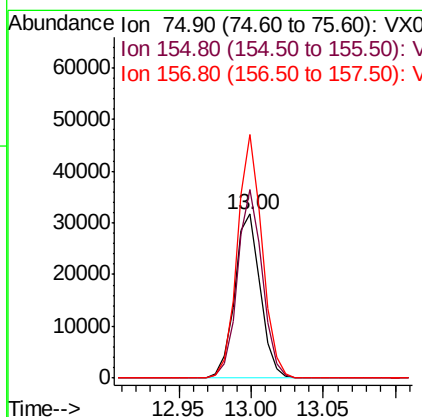
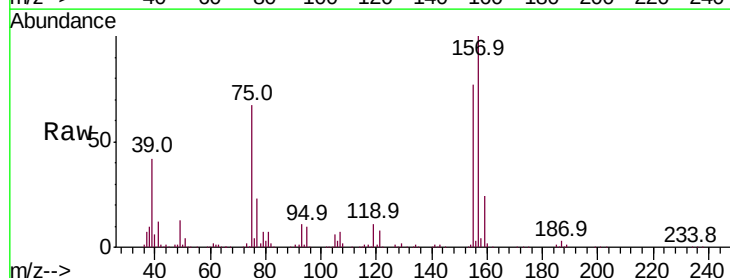
Manual Integrations
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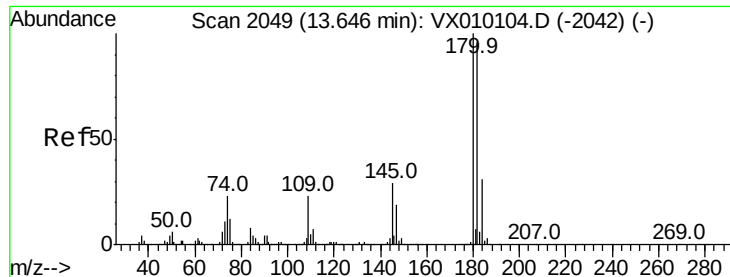
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.298 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.8	39.3	117.8
157	141.5	50.6	151.8





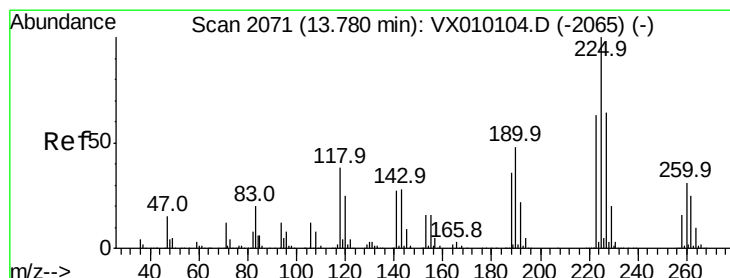
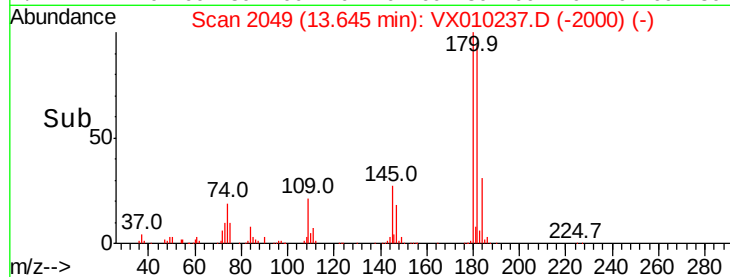
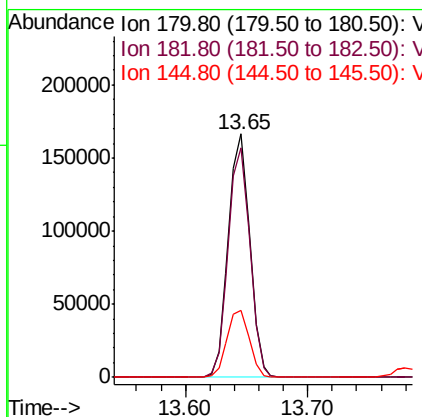
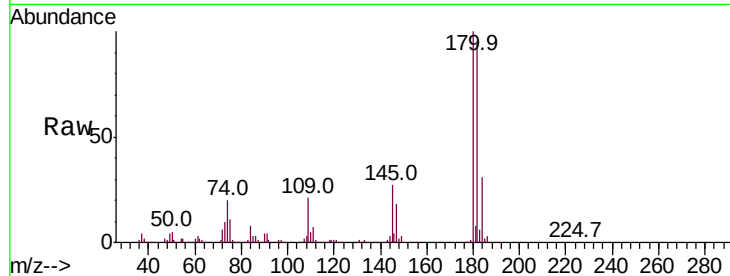
#93
 1,2,4-Trichlorobenzene
 Concen: 45.822 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	202326
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	28.7	14.5	43.5

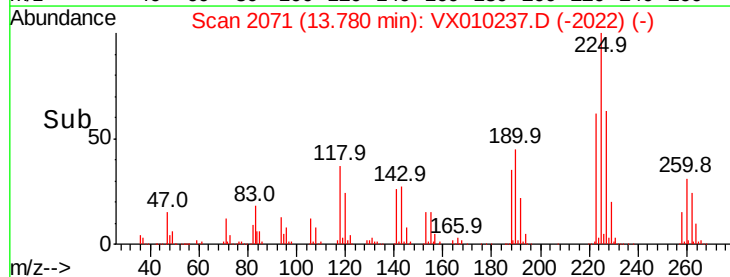
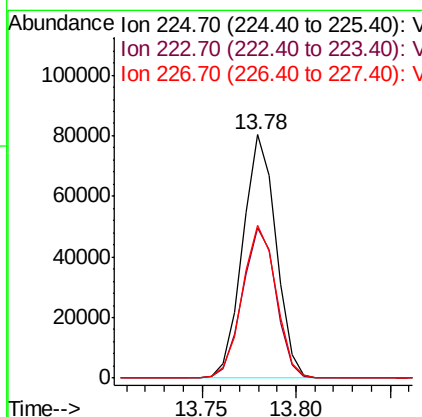
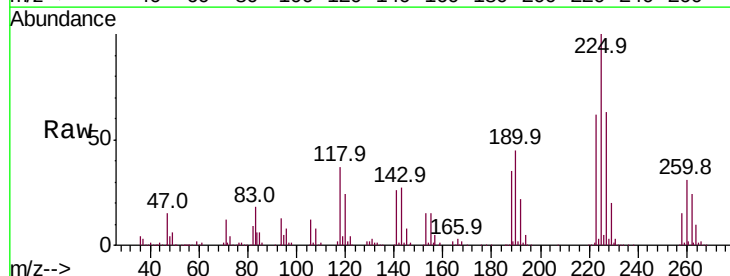
Manual Integrations
 APPROVED

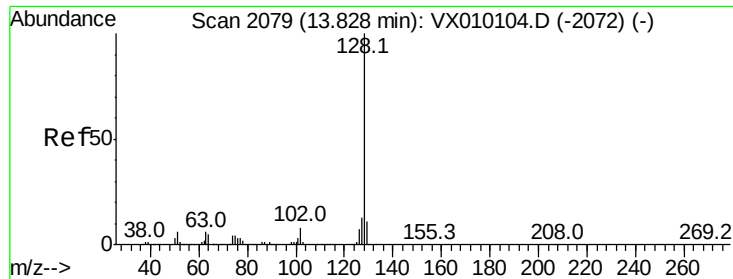
MMDadoda
 6/12/2019 9:21:47 AM



#94
 Hexachlorobutadiene
 Concen: 49.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010237.D
 Acq: 11 Jun 2019 17:12

Tgt Ion:	225	Resp:	98164
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.3	93.8
227	63.8	32.3	96.8





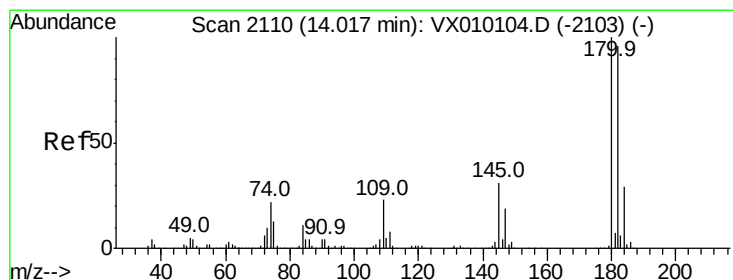
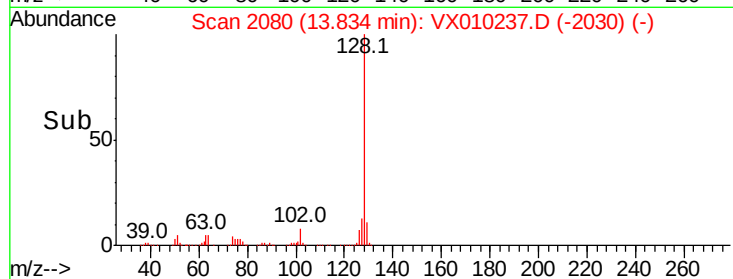
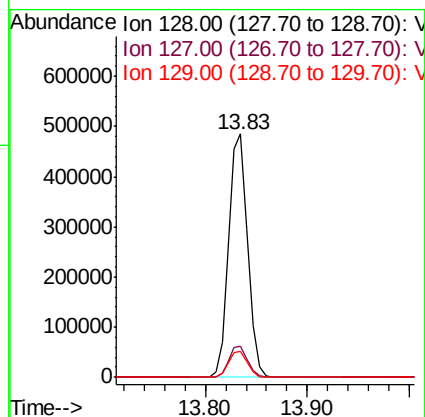
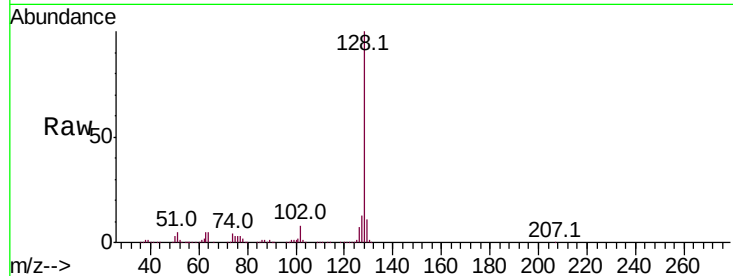
#95
Naphthalene
Concen: 44.284 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/12/2019 9:21:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.064 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010237.D
Acq: 11 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	30.4	15.6	46.7

