

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011213.D
 Acq On : 30 Jul 2019 22:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:53:59 AM

Quant Time: Jul 31 09:30:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105878	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	5.49	113	90882	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	338045	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	132654	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	93056	46.418	ug/l	100
3) Chloromethane	1.32	50	80587	46.572	ug/l	97
4) Vinyl Chloride	1.41	62	89564	50.746	ug/l	98
5) Bromomethane	1.64	94	43337	43.572	ug/l	98
6) Chloroethane	1.71	64	55698	49.659	ug/l	97
7) Trichlorofluoromethane	1.92	101	153624	51.420	ug/l	98
8) Diethyl Ether	2.19	74	52217	50.727	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81794	47.949	ug/l	99
10) Methyl Iodide	2.51	142	94339	42.142	ug/l	98
11) Tert butyl alcohol	3.06	59	114415	245.421	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79243	47.280	ug/l	92
13) Acrolein	2.29	56	53902	200.117	ug/l	98
14) Allyl chloride	2.73	41	119727	49.179	ug/l	97
15) Acrylonitrile	3.14	53	248879	264.191	ug/l	99
16) Acetone	2.45	43	214334	237.068	ug/l	95
17) Carbon Disulfide	2.57	76	168004	39.077	ug/l	99
18) Methyl Acetate	2.78	43	122127	59.323	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	291682	54.060	ug/l	98
20) Methylene Chloride	2.85	84	93738	48.924	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	86549	48.668	ug/l	96
22) Diisopropyl ether	3.85	45	273933	53.351	ug/l	98
23) Vinyl Acetate	3.82	43	1145629	263.336	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154903	51.948	ug/l	99
25) 2-Butanone	4.67	43	345941	266.553	ug/l	98
26) 2,2-Dichloropropane	4.59	77	100919	41.219	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	103477	50.277	ug/l	98
28) Bromochloromethane	5.02	49	71375	50.795	ug/l	97
29) Tetrahydrofuran	5.13	42	218337	265.585	ug/l	99
30) Chloroform	5.21	83	170387	52.865	ug/l	99
31) Cyclohexane	5.57	56	126251	46.451	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	148282	53.177	ug/l	100
36) 1,1-Dichloropropene	5.80	75	115818	49.371	ug/l	99
37) Ethyl Acetate	4.83	43	126773	52.776	ug/l	99
38) Carbon Tetrachloride	5.79	117	127254	52.057	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134964	44.364	ug/l	96
40) Benzene	6.14	78	357215	49.710	ug/l	99
41) Methacrylonitrile	5.04	41	72392	53.088	ug/l	96
42) 1,2-Dichloroethane	6.20	62	132697	53.110	ug/l	99
43) Isopropyl Acetate	6.45	43	207439	52.519	ug/l	99
44) Trichloroethene	7.21	130	104020	48.903	ug/l	97
45) 1,2-Dichloropropane	7.51	63	92568	50.612	ug/l	98
46) Dibromomethane	7.66	93	68088	52.099	ug/l	99
47) Bromodichloromethane	7.90	83	124045	53.320	ug/l	96
48) Methyl methacrylate	7.77	41	103459	53.769	ug/l	97
49) 1,4-Dioxane	7.74	88	52351	972.651	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	710748	277.591	ug/l	100
52) Toluene	8.78	92	236644	50.130	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	131892	52.726	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	142315	51.128	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101695	52.320	ug/l	96
56) Ethyl methacrylate	9.18	69	158147	55.623	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161172	52.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	362514	267.099	ug/l	99
59) 2-Hexanone	9.49	43	551972	277.945	ug/l	99
60) Dibromochloromethane	9.58	129	110130	49.270	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110541	53.588	ug/l	100
64) Tetrachloroethene	9.34	164	102739	48.060	ug/l	98
65) Chlorobenzene	10.13	112	278261	49.856	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	102415	52.211	ug/l	99
67) Ethyl Benzene	10.25	91	476264	50.133	ug/l	98
68) m/p-Xylenes	10.36	106	364829	100.114	ug/l	98
69) o-Xylene	10.69	106	180353	50.711	ug/l	99
70) Styrene	10.71	104	315957	53.293	ug/l	99
71) Bromoform	10.85	173	84370	47.379	ug/l #	99
73) Isopropylbenzene	11.02	105	489636	48.110	ug/l	100
74) N-amyl acetate	10.90	43	197063	50.676	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	163754	49.166	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139483m	51.318	ug/l	
77) Bromobenzene	11.26	156	133872	47.688	ug/l	97
78) n-propylbenzene	11.36	91	552718	49.152	ug/l	99
79) 2-Chlorotoluene	11.42	91	328944	48.695	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	421390	49.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43587	41.375	ug/l	95
82) 4-Chlorotoluene	11.51	91	390981	49.728	ug/l	100
83) tert-Butylbenzene	11.77	119	413774	49.534	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	428818	50.029	ug/l	100
85) sec-Butylbenzene	11.94	105	493786	50.449	ug/l	99
86) p-Isopropyltoluene	12.06	119	459072	50.733	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	243399	49.961	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244131	48.860	ug/l	99
89) n-Butylbenzene	12.38	91	406483	52.507	ug/l	100
90) Hexachloroethane	12.60	117	68936	48.300	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	238238	49.342	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37397	53.716	ug/l	97

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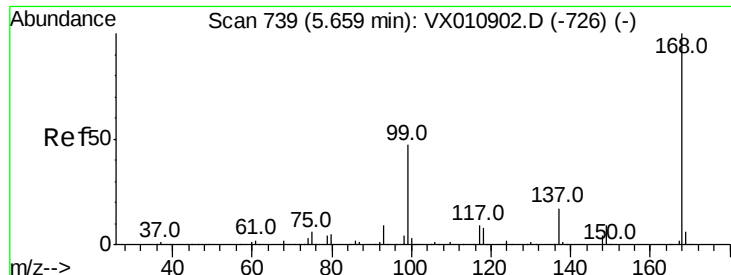
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	176435	53.920	ug/l	98
94) Hexachlorobutadiene	13.78	225	80481	49.632	ug/l	98
95) Naphthalene	13.83	128	557254	57.671	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	174767	53.679	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 188165

Ion Ratio Lower Upper

168 100

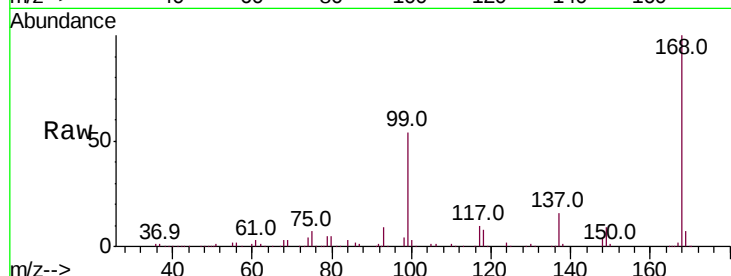
99 53.6 37.6 56.4

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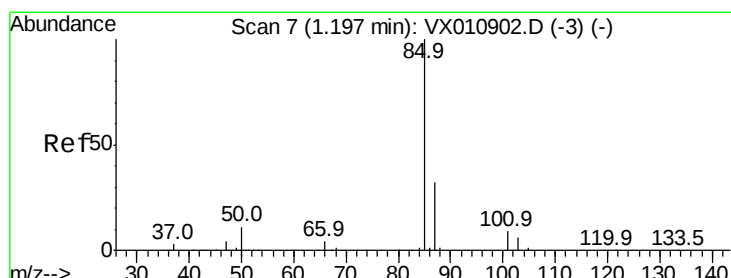
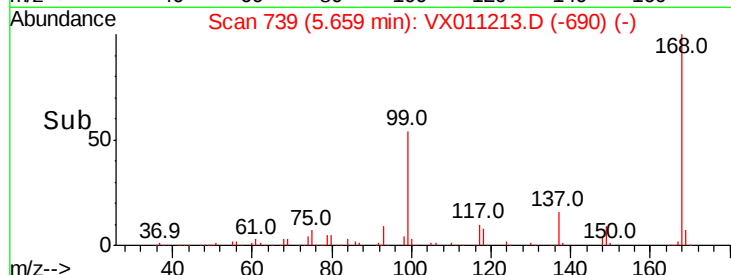


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 46.418 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011213.D

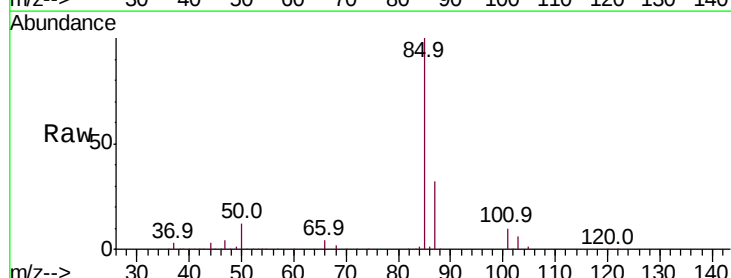
Acq: 30 Jul 2019 22:21

Tgt Ion: 85 Resp: 93056

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7

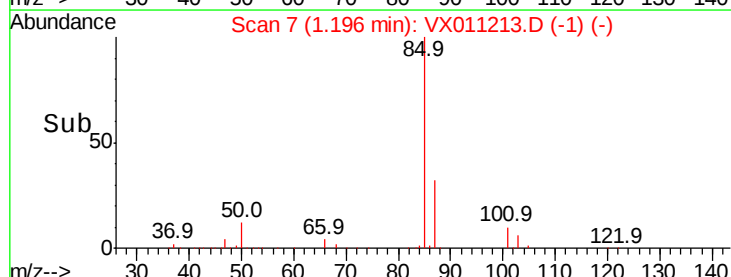


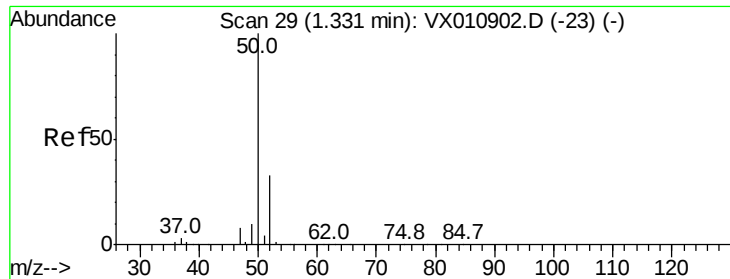
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 46.572 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 80587

Ion Ratio Lower Upper

50 100

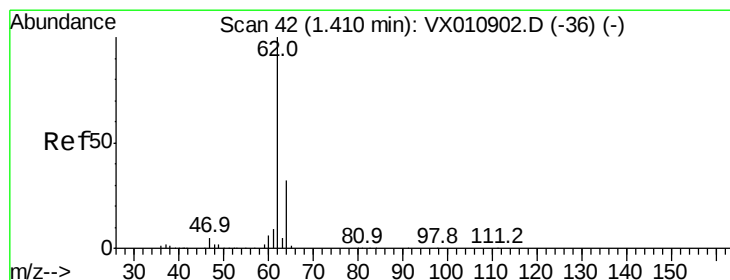
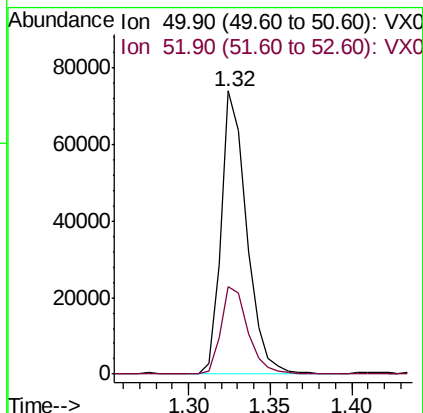
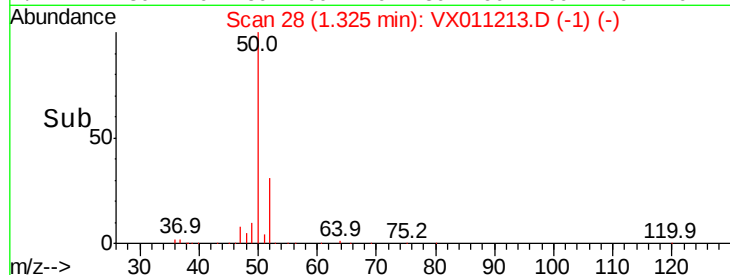
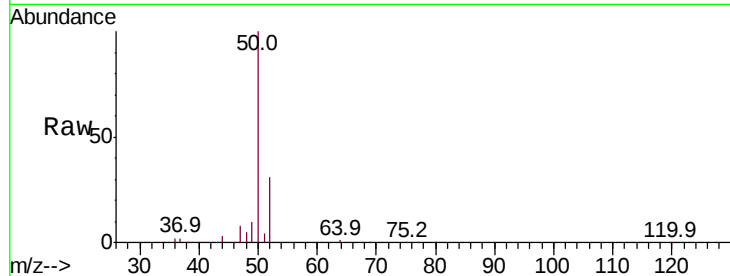
52 31.1 26.4 39.6

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#4

Vinyl Chloride

Concen: 50.746 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011213.D

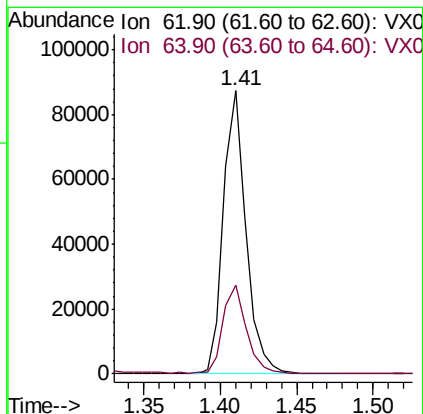
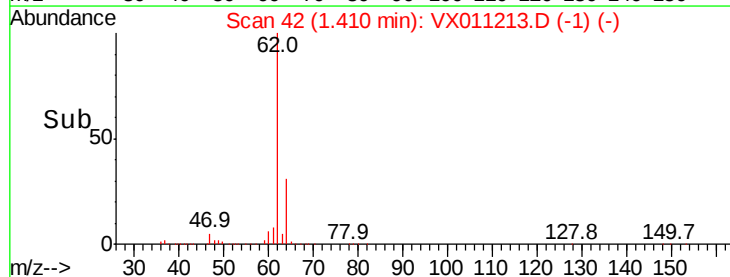
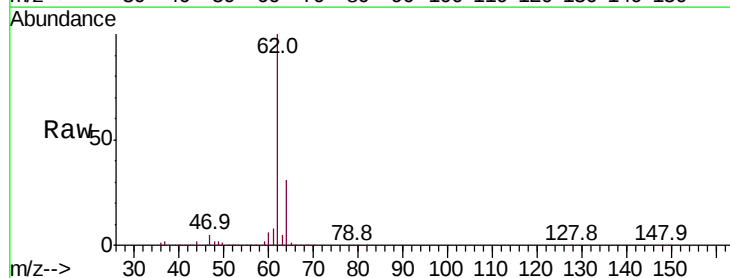
Acq: 30 Jul 2019 22:21

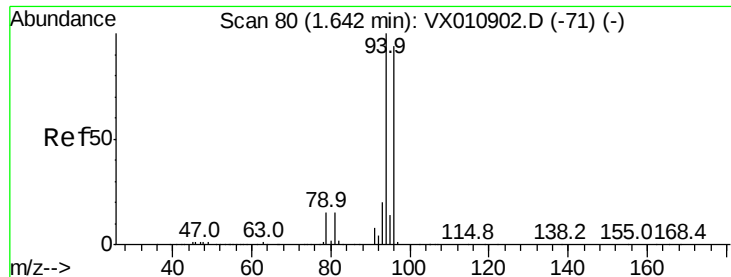
Tgt Ion: 62 Resp: 89564

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 43.572 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 43337

Ion Ratio Lower Upper

94 100

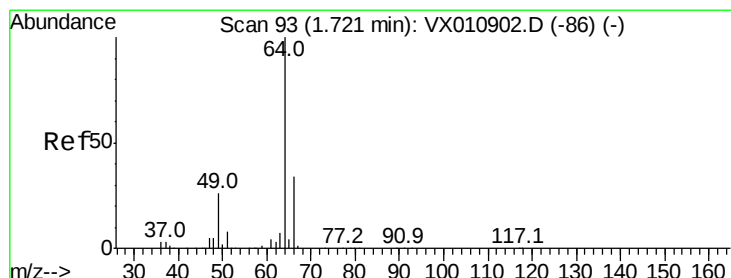
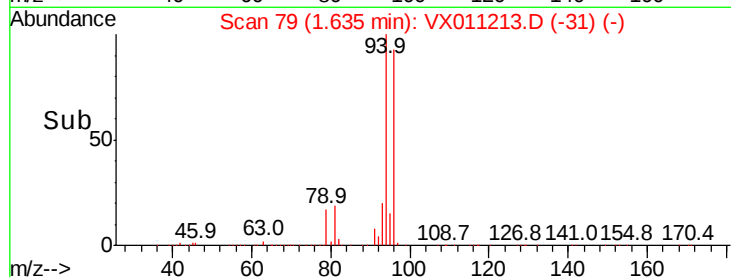
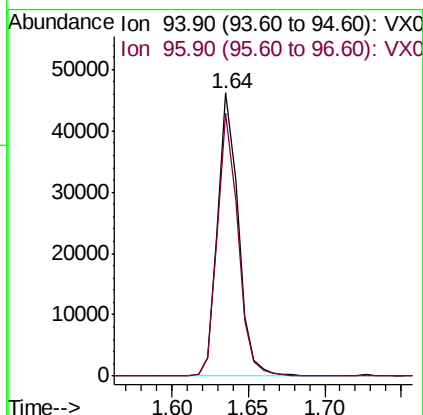
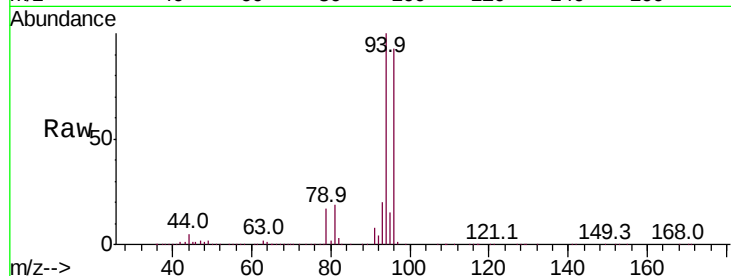
96 92.8 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 49.659 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011213.D

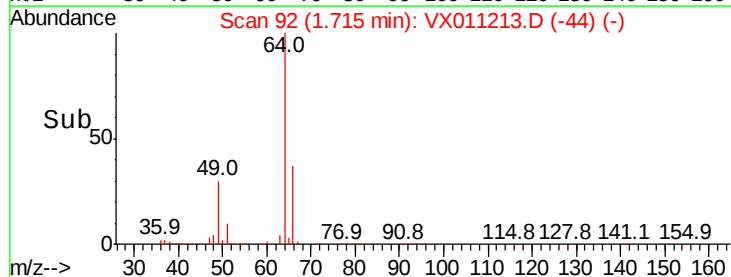
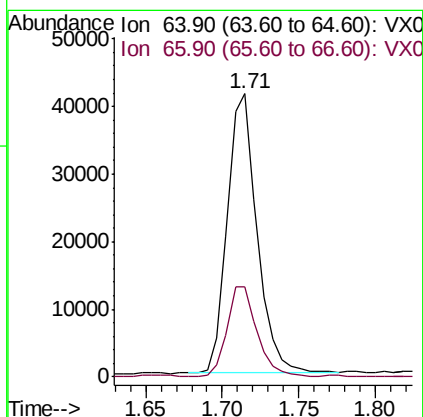
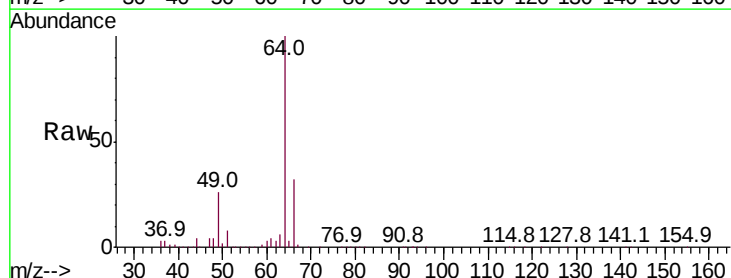
Acq: 30 Jul 2019 22:21

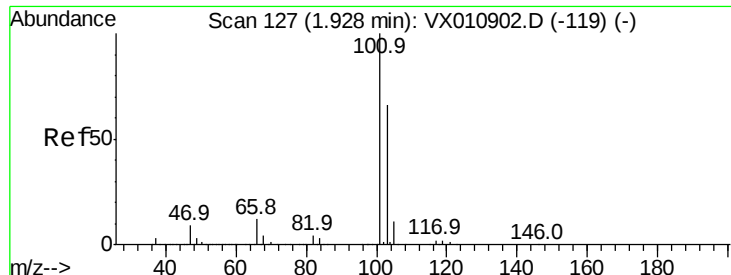
Tgt Ion: 64 Resp: 55698

Ion Ratio Lower Upper

64 100

66 32.1 27.0 40.6





#7

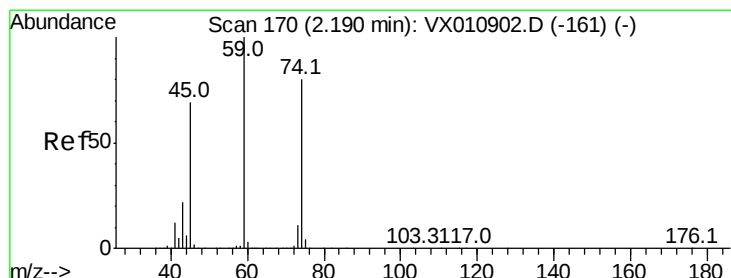
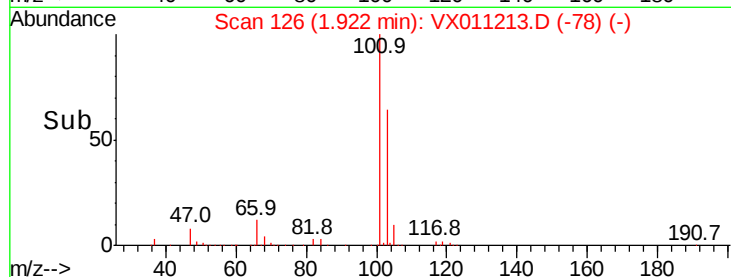
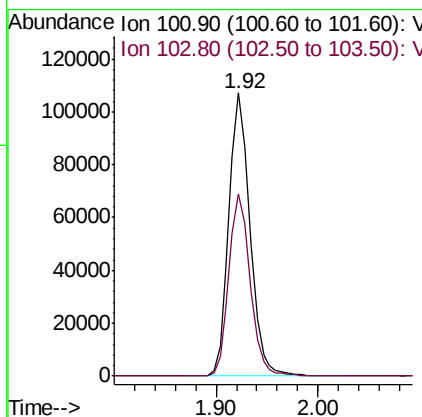
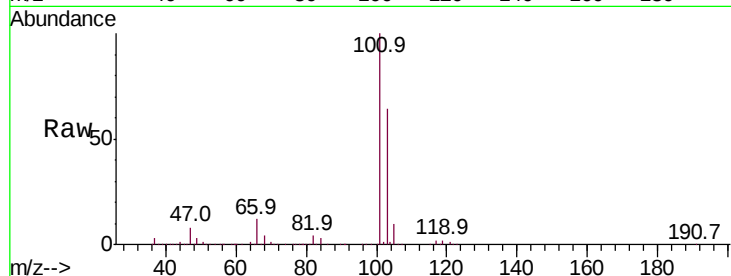
Trichlorofluoromethane
Concen: 51.420 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.6	78.8

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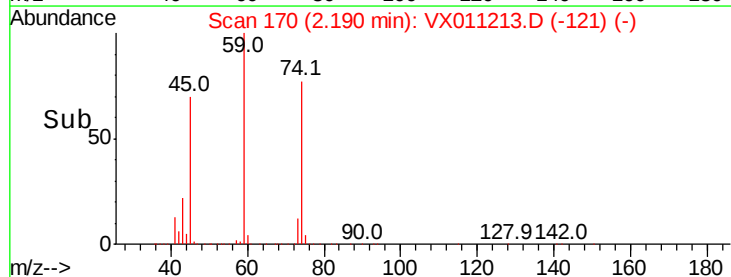
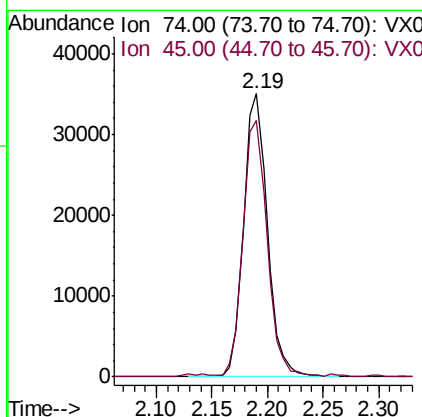
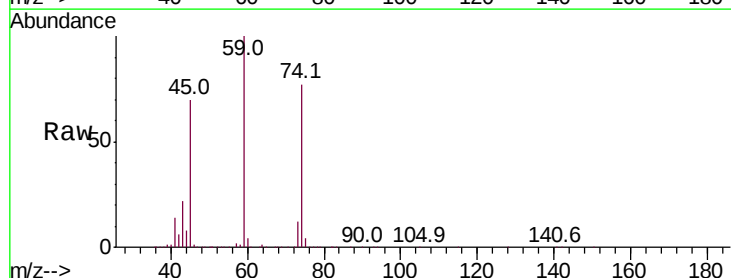
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7/31/2019 10:53:59 AM

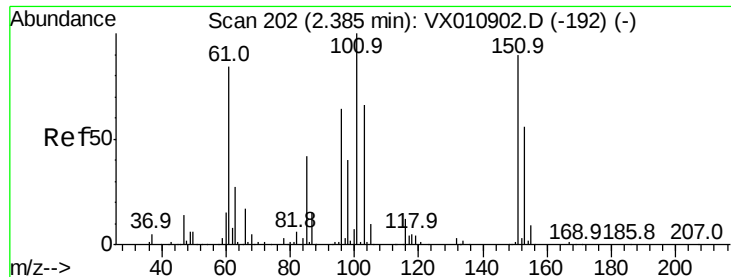


#8

Diethyl Ether
Concen: 50.727 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.949 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

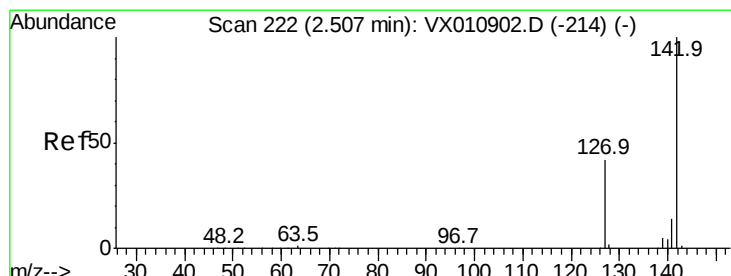
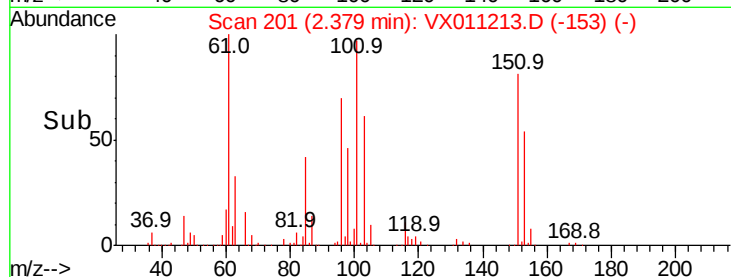
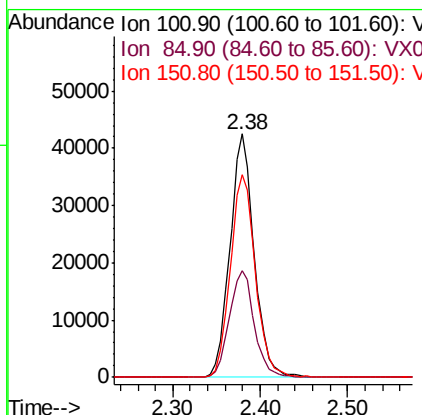
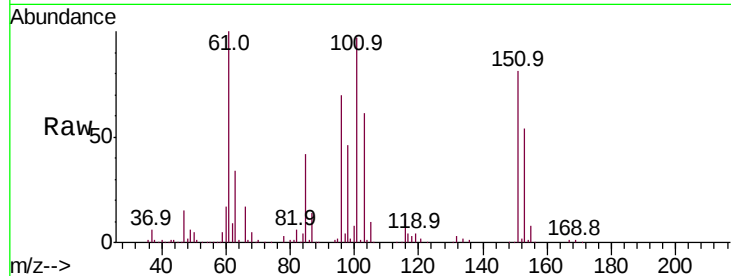
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	81794
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.6	52.0
151	86.2	69.6	104.4

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#10

Methyl Iodide

Concen: 42.142 ug/l

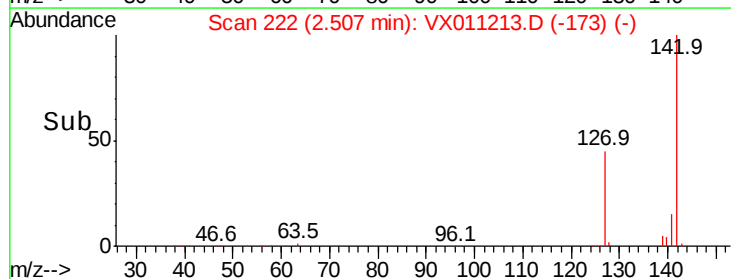
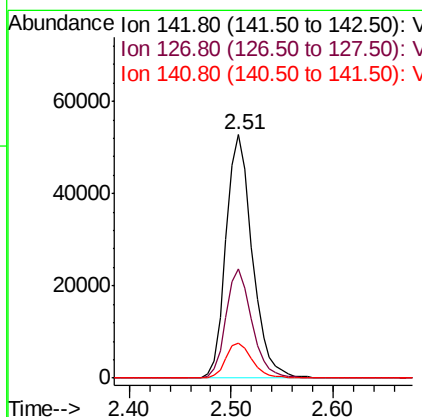
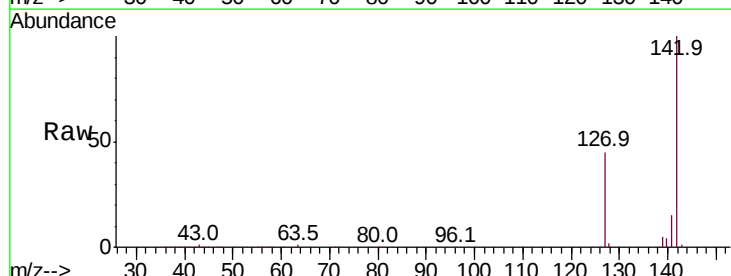
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion:	142	Resp:	94339
Ion Ratio	Lower	Upper	
142	100		
127	44.4	34.2	51.4
141	14.5	11.7	17.5





#11

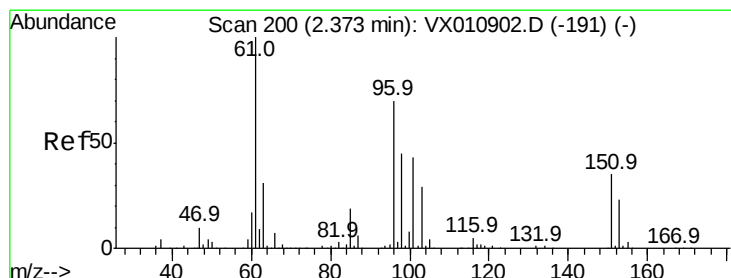
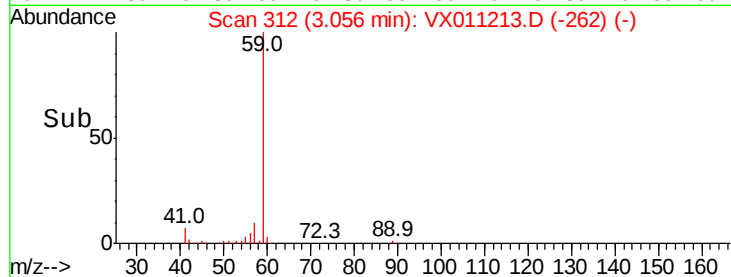
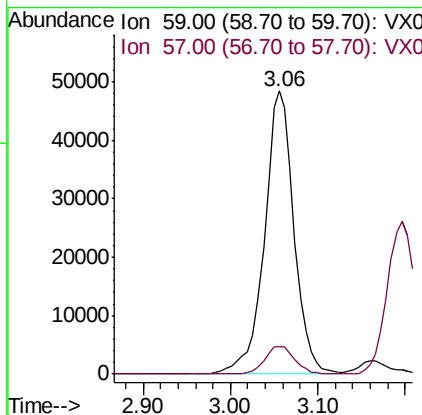
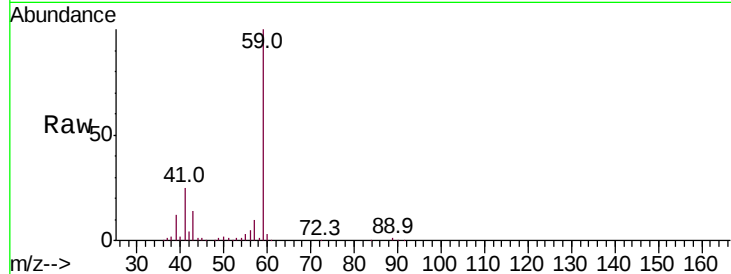
Tert butyl alcohol
Concen: 245.421 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.9	11.9

Manual Integrations
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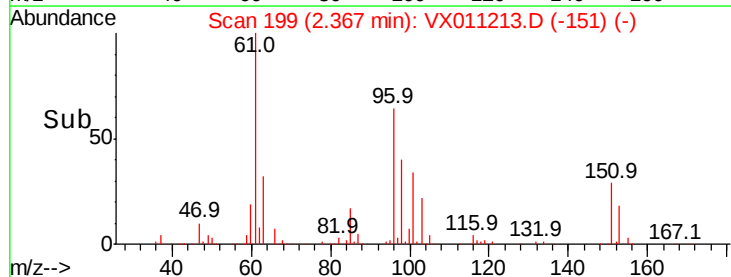
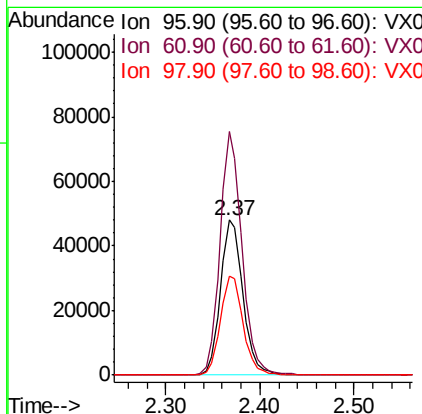
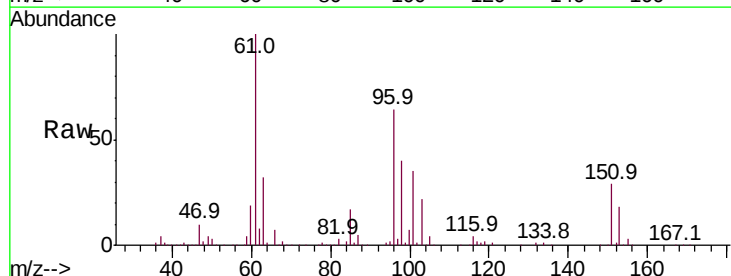
MMDadoda
7/31/2019 10:53:59 AM

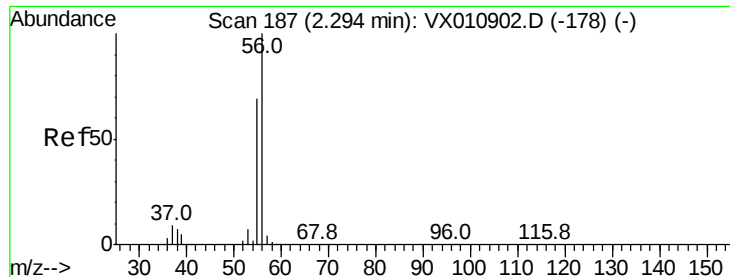


#12

1,1-Dichloroethene
Concen: 47.280 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	115.0	172.4
98	63.7	52.2	78.2





#13

Acrolein

Concen: 200.117 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 53902

Ion Ratio Lower Upper

56 100

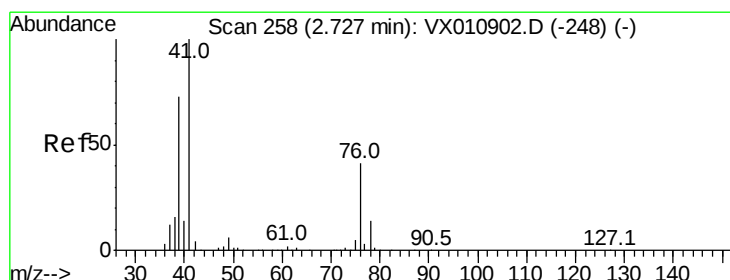
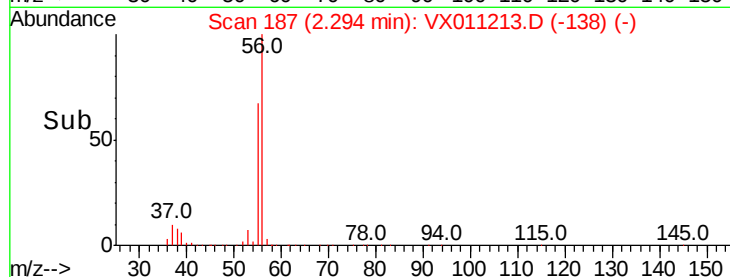
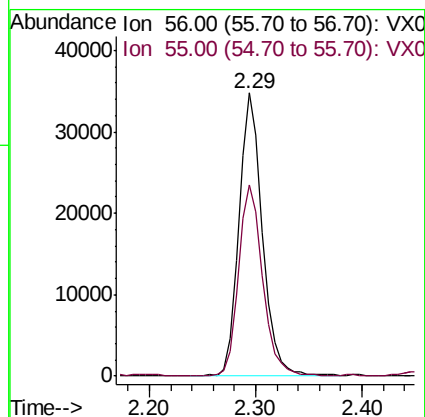
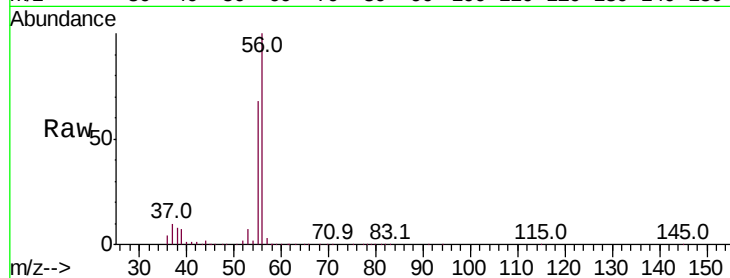
55 68.2 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 49.179 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

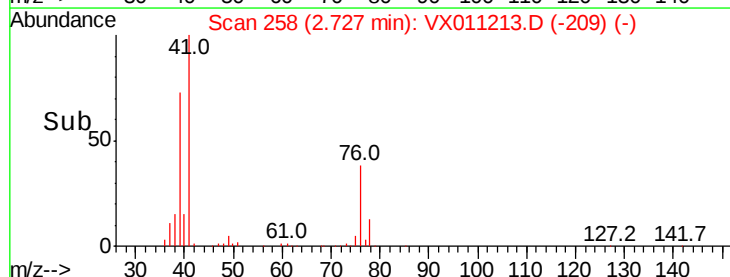
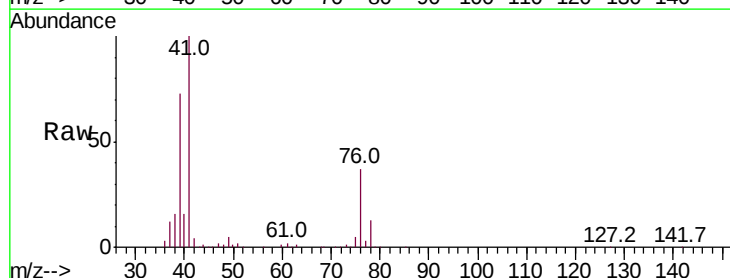
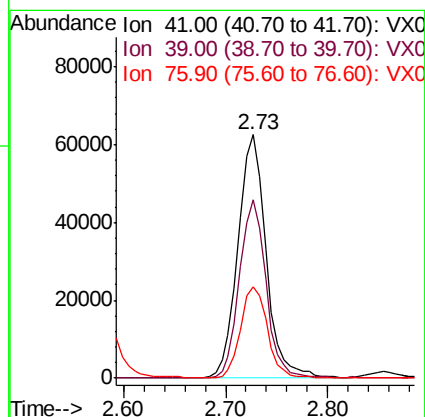
Tgt Ion: 41 Resp: 119727

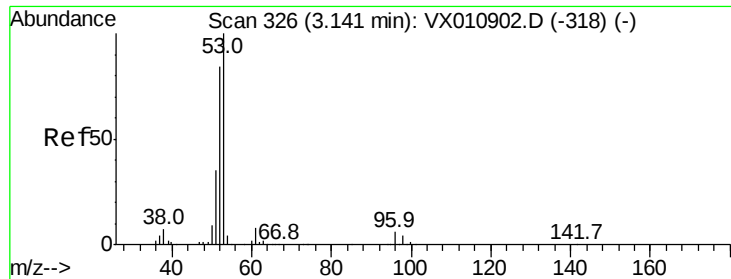
Ion Ratio Lower Upper

41 100

39 69.8 53.6 80.4

76 36.0 29.7 44.5





#15

Acrylonitrile

Concen: 264.191 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

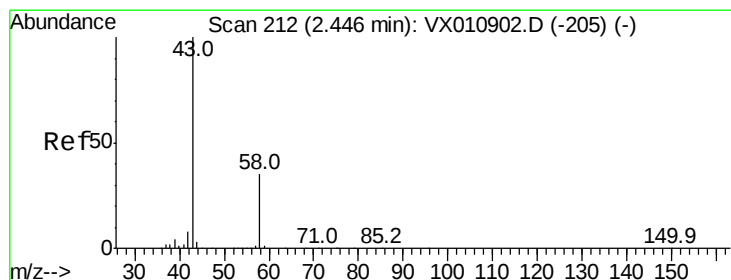
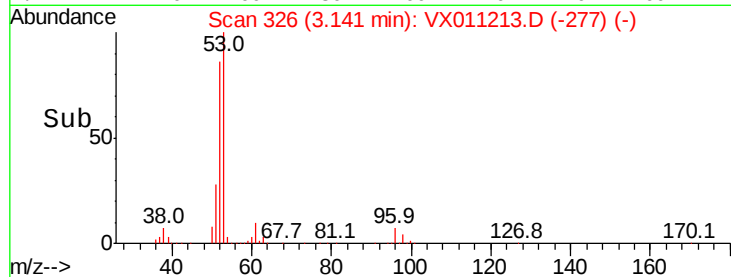
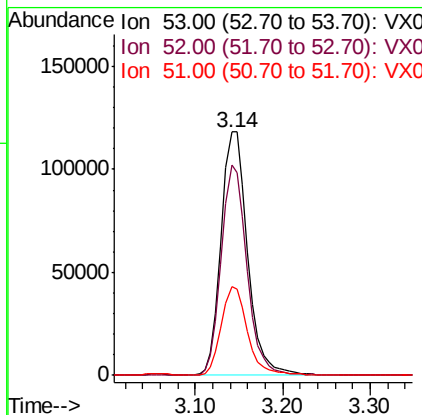
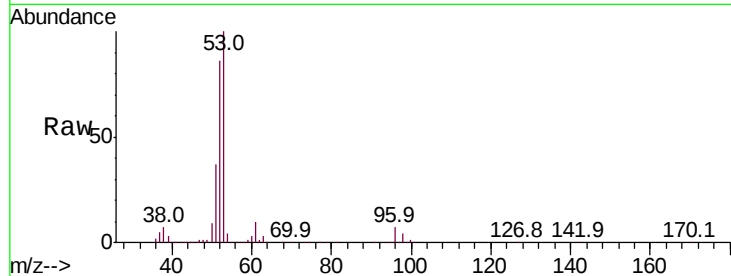
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	248879
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.5	99.7
51	36.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 237.068 ug/l

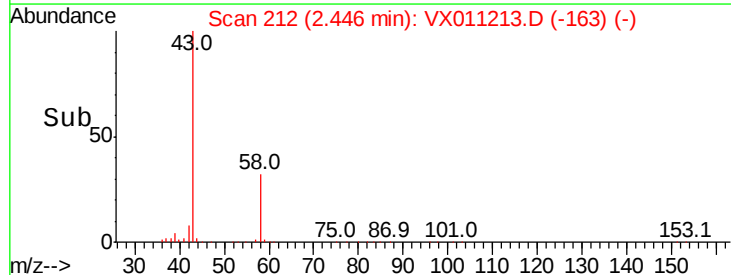
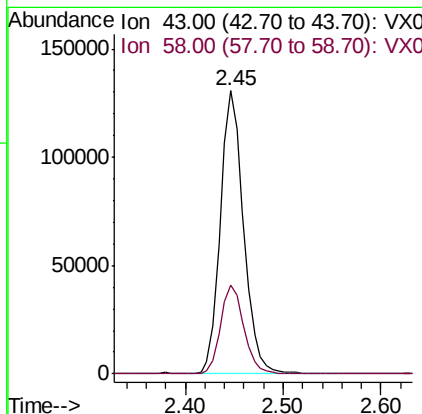
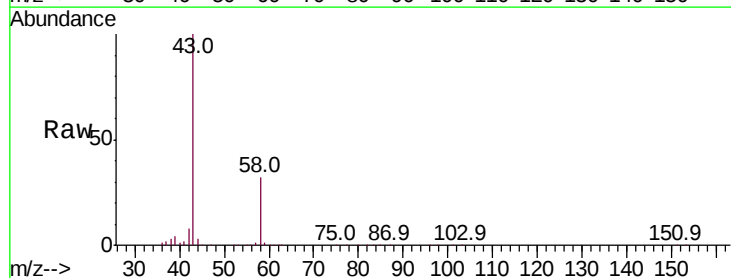
RT: 2.45 min Scan# 212

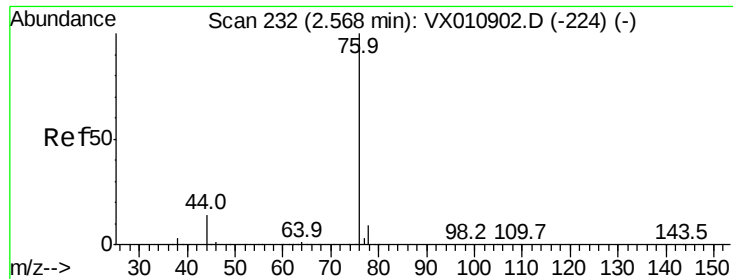
Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion:	43	Resp:	214334
Ion	Ratio	Lower	Upper
43	100		
58	31.5	27.7	41.5





#17

Carbon Disulfide

Concen: 39.077 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 168004

Ion Ratio Lower Upper

76 100

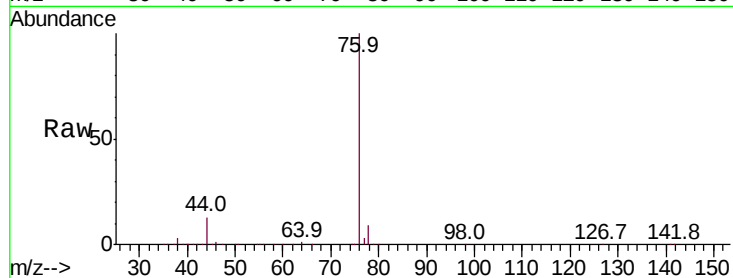
78 8.8 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

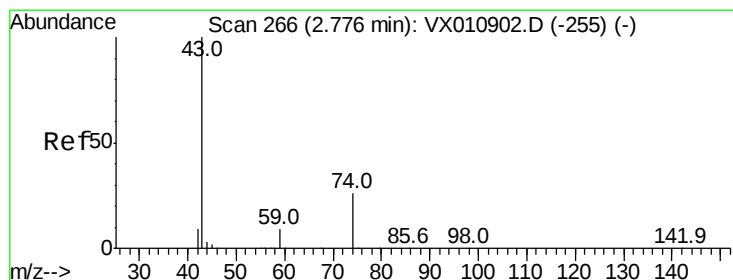
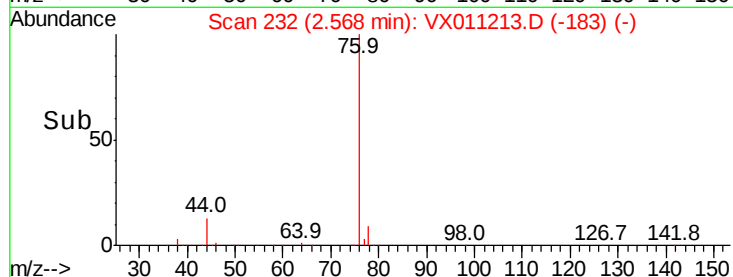
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 59.323 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011213.D

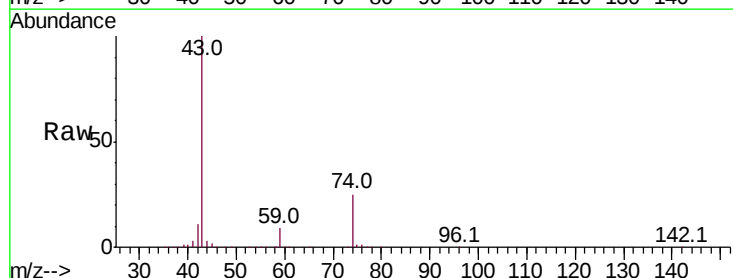
Acq: 30 Jul 2019 22:21

Tgt Ion: 43 Resp: 122127

Ion Ratio Lower Upper

43 100

74 26.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

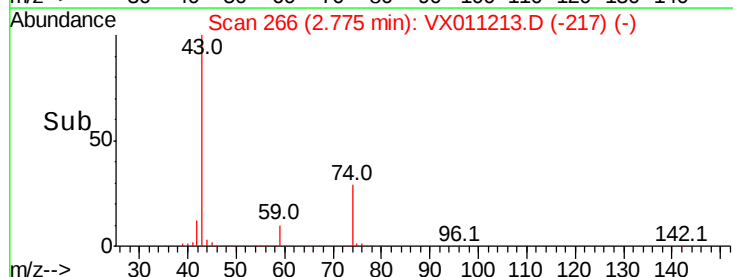
60000

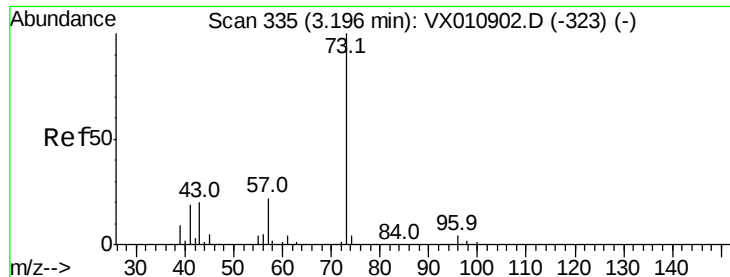
40000

20000

0

Time-->





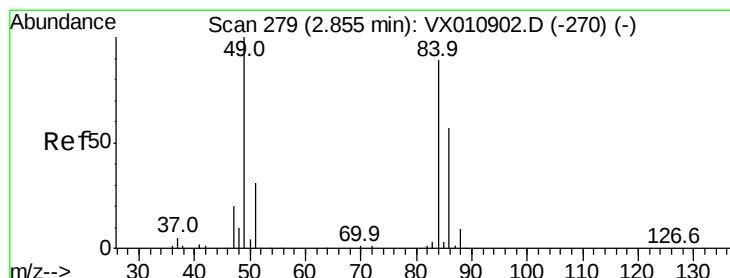
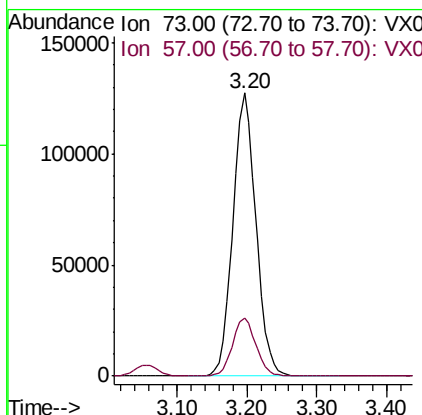
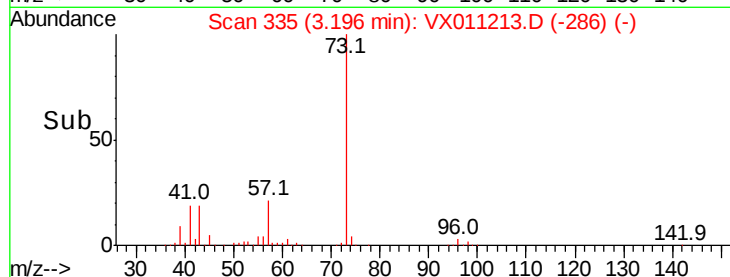
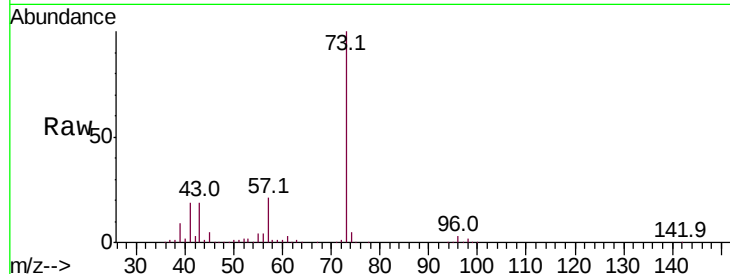
#19
Methyl tert-butyl Ether
Concen: 54.060 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 291682
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

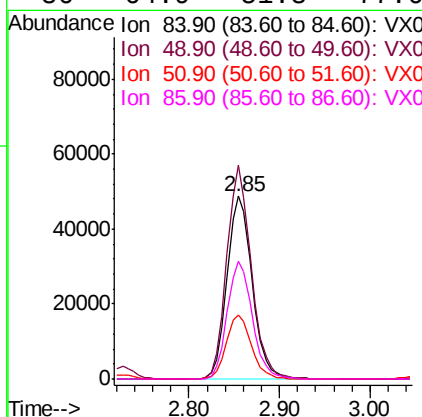
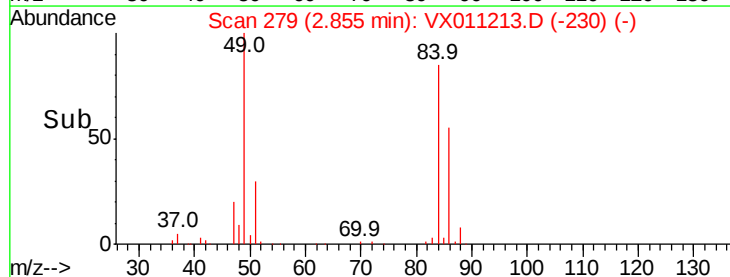
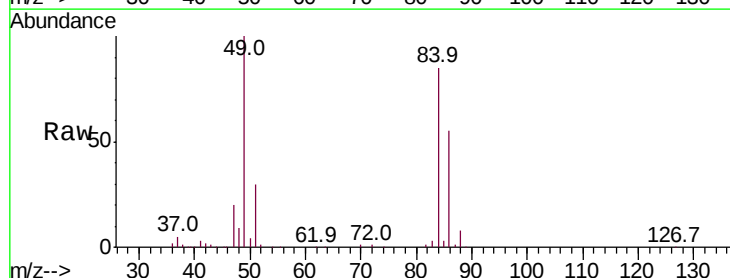
Manual Integrations
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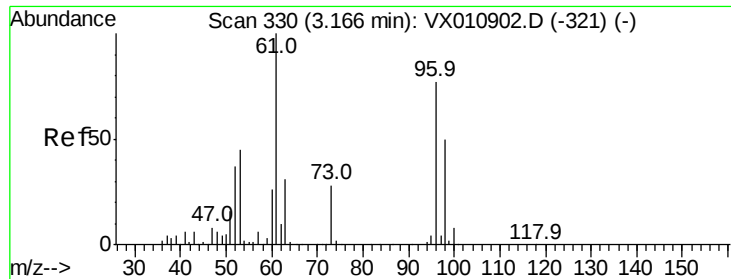
MMDadoda
7/31/2019 10:53:59 AM



#20
Methylene Chloride
Concen: 48.924 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 84 Resp: 93738
Ion Ratio Lower Upper
84 100
49 117.1 89.9 134.9
51 35.3 27.8 41.6
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.668 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 86549

Ion Ratio Lower Upper

96 100

61 126.8 104.2 156.2

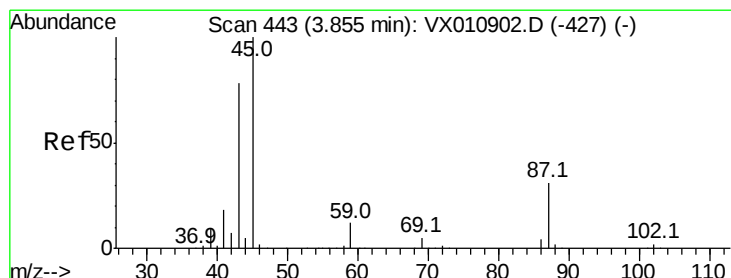
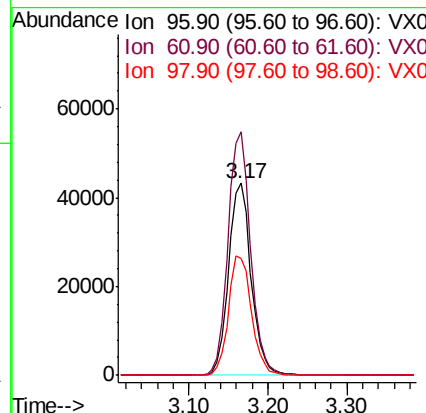
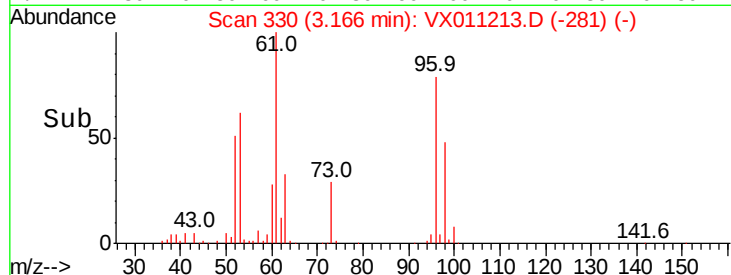
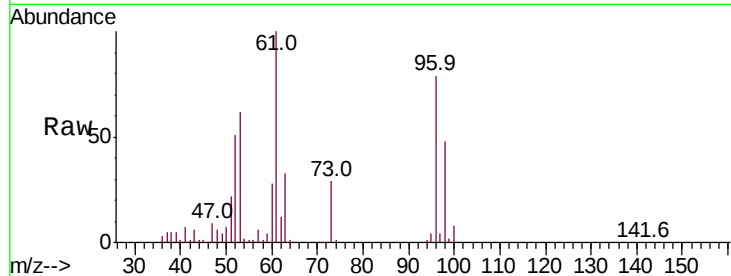
98 60.6 52.2 78.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.351 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion: 45 Resp: 273933

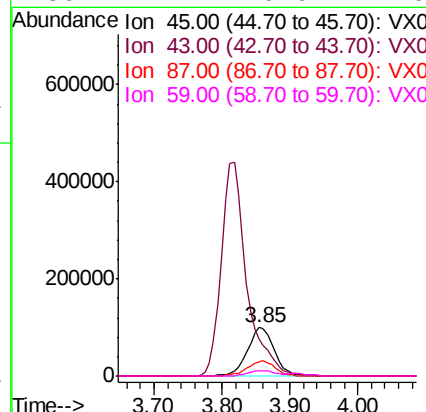
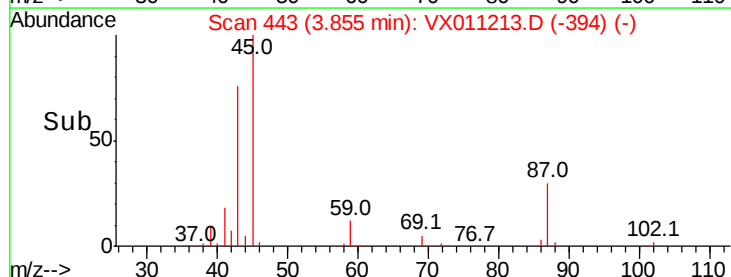
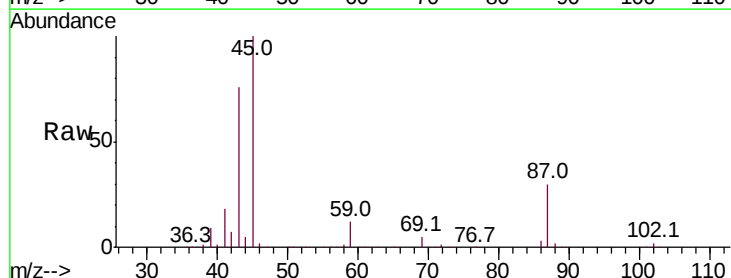
Ion Ratio Lower Upper

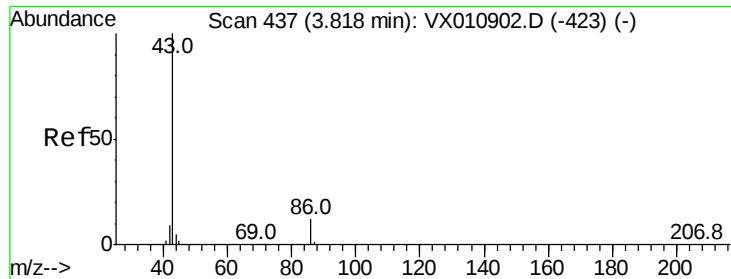
45 100

43 75.9 62.3 93.5

87 30.4 25.0 37.4

59 11.7 9.9 14.9





#23

Vinyl Acetate

Concen: 263.336 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1145629

Ion Ratio Lower Upper

43 100

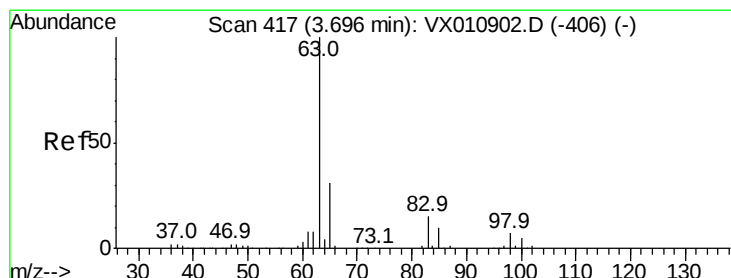
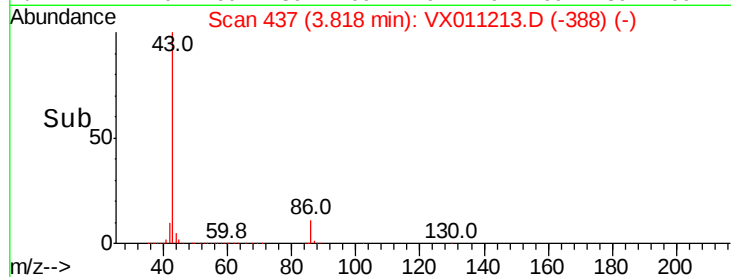
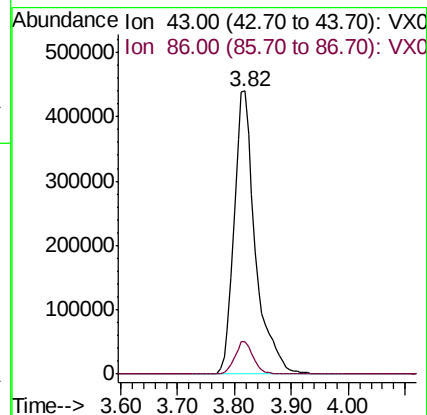
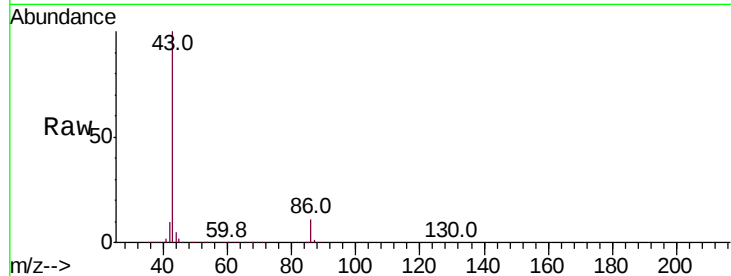
86 11.3 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.948 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

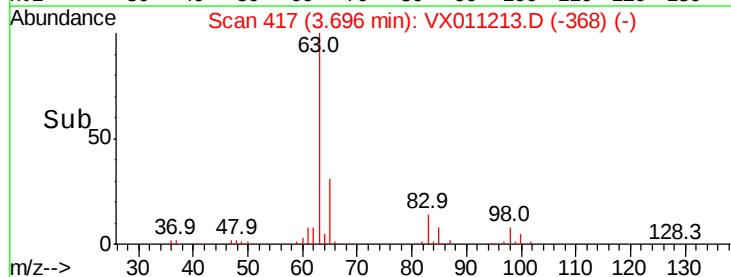
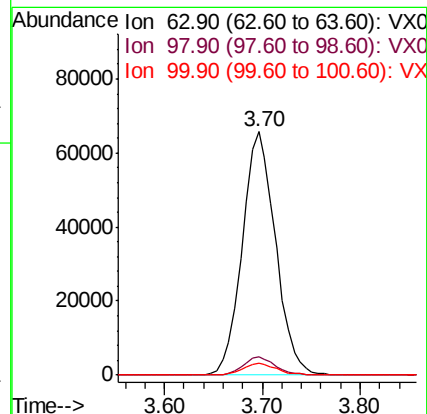
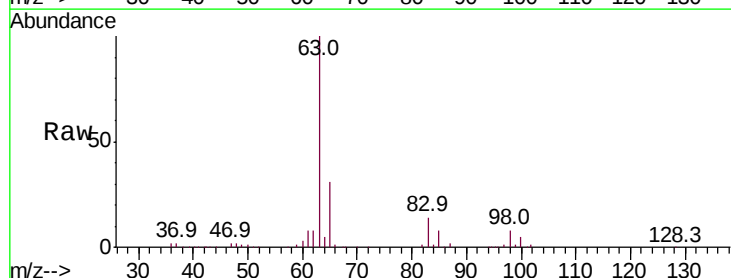
Tgt Ion: 63 Resp: 154903

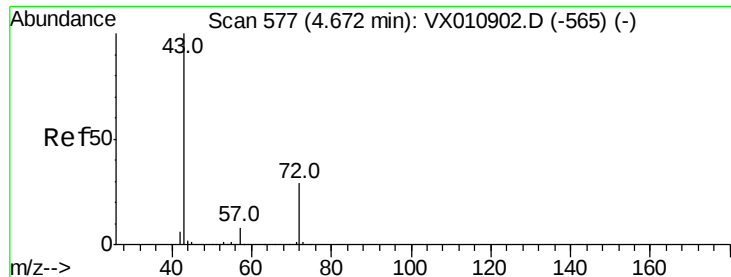
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 266.553 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 345941

Ion Ratio Lower Upper

43 100

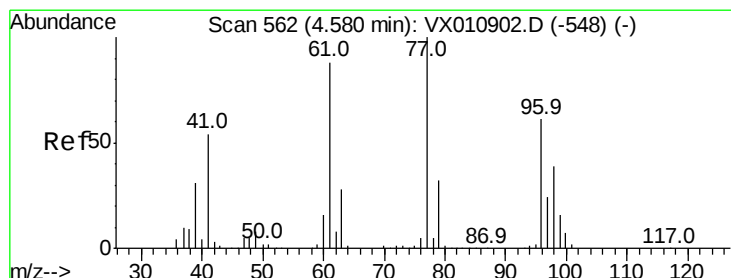
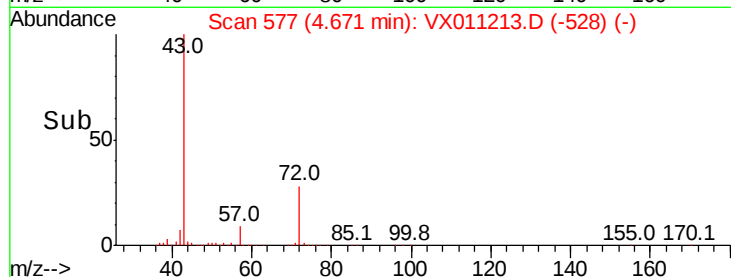
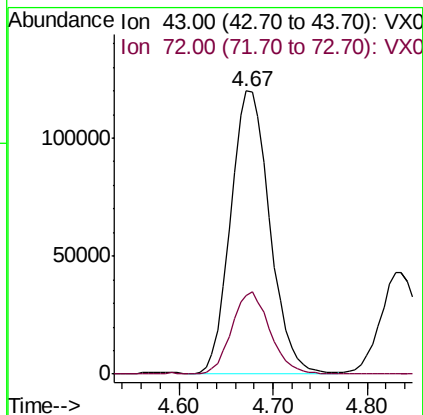
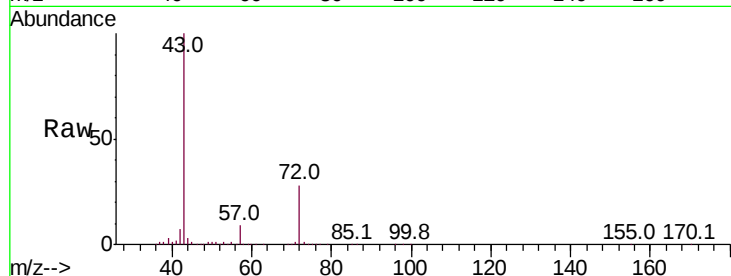
72 27.6 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.219 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011213.D

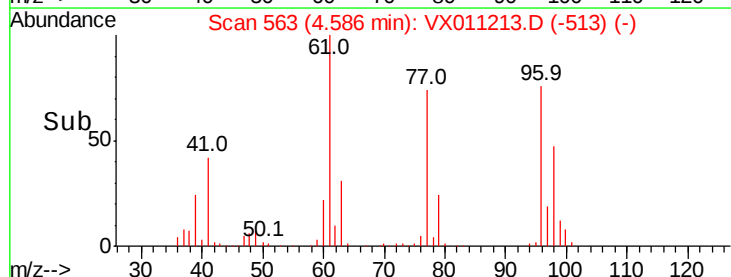
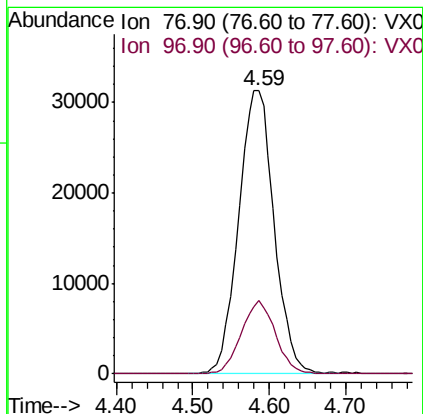
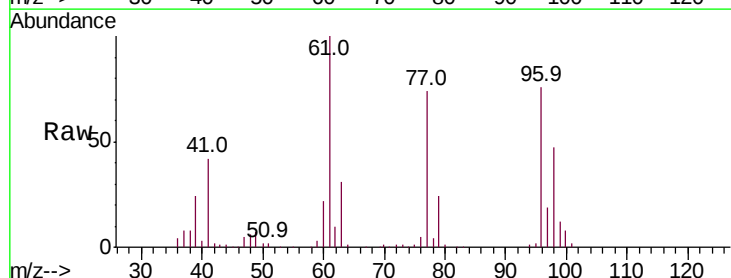
Acq: 30 Jul 2019 22:21

Tgt Ion: 77 Resp: 100919

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6





#27

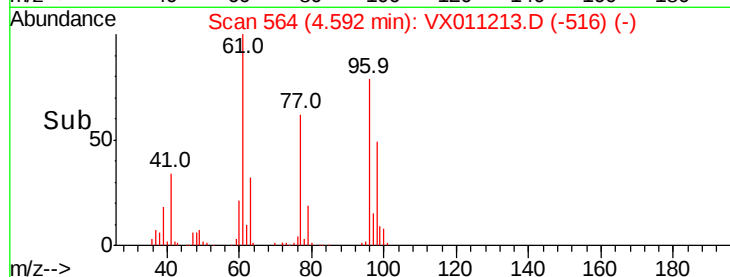
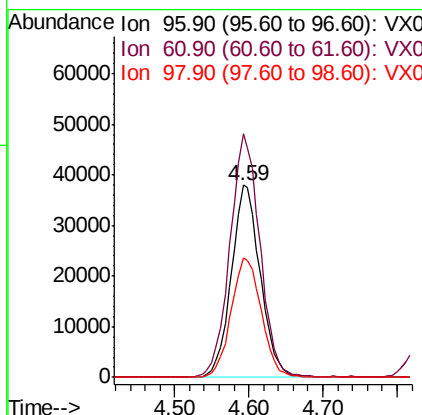
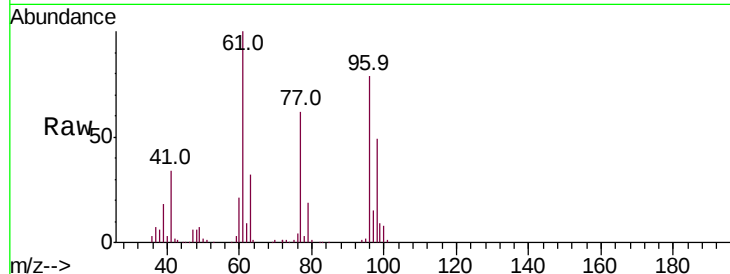
cis-1,2-Dichloroethene
Concen: 50.277 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	131.2	0.0	269.0	
98	64.9	0.0	131.4	

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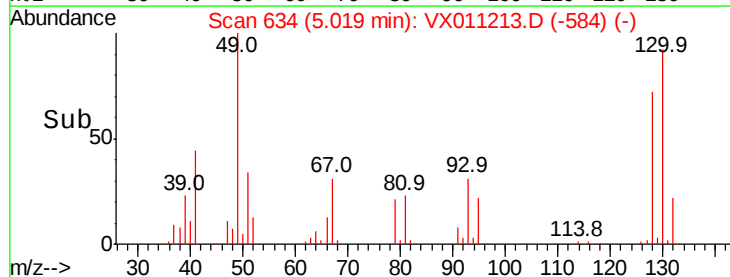
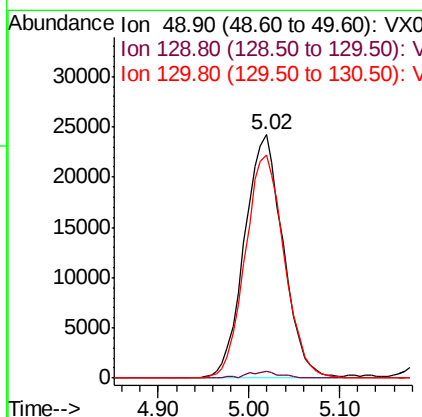
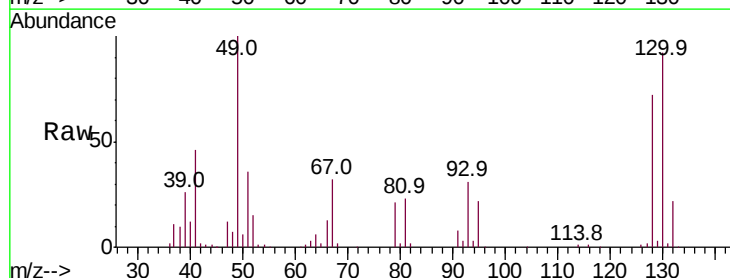
MMDadoda
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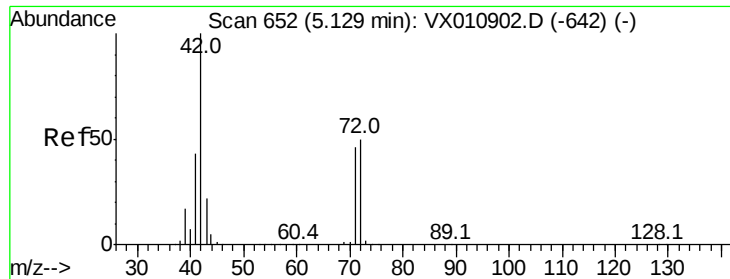


#28

Bromochloromethane
Concen: 50.795 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.2	
130	92.7	76.9	115.3	





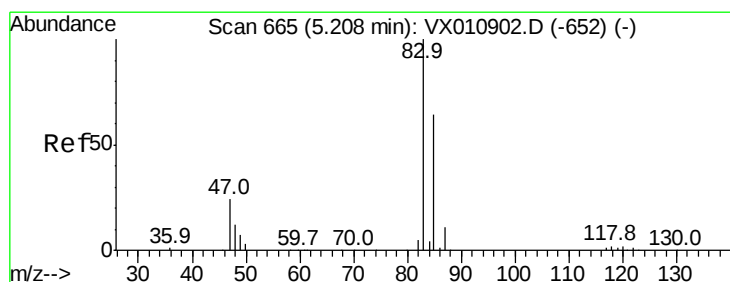
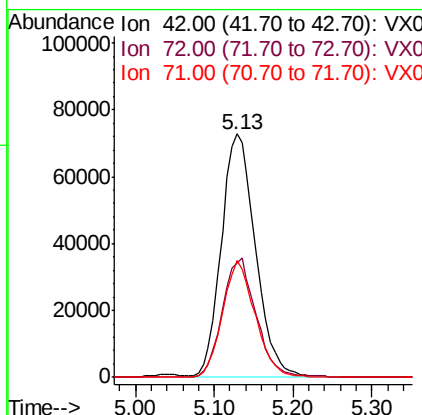
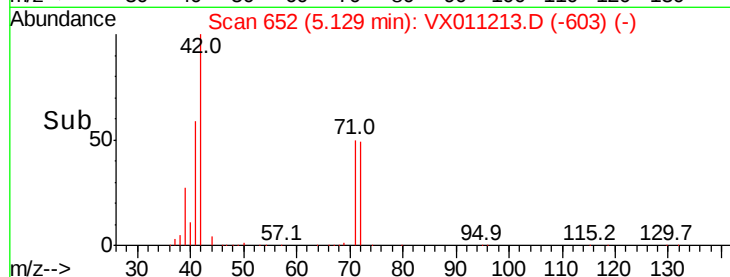
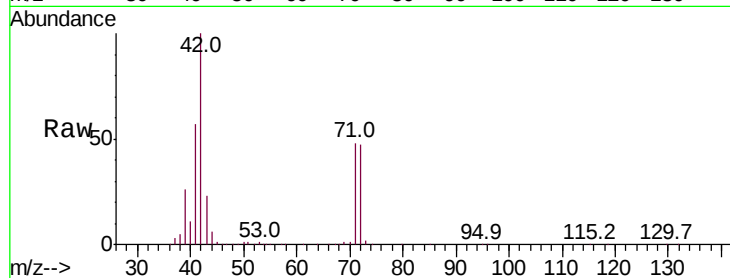
#29
Tetrahydrofuran
Concen: 265.585 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.8	59.8
71	46.2	37.0	55.4

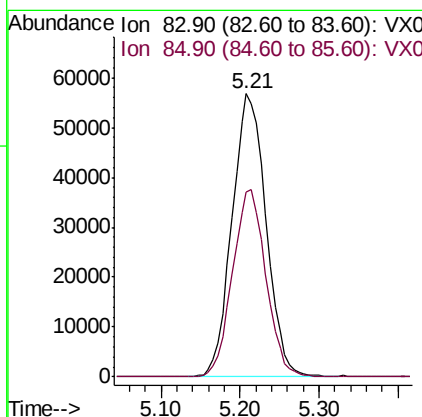
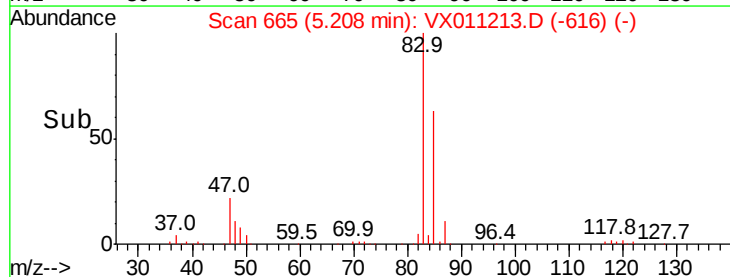
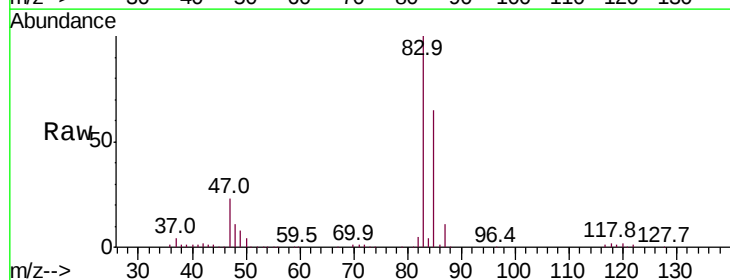
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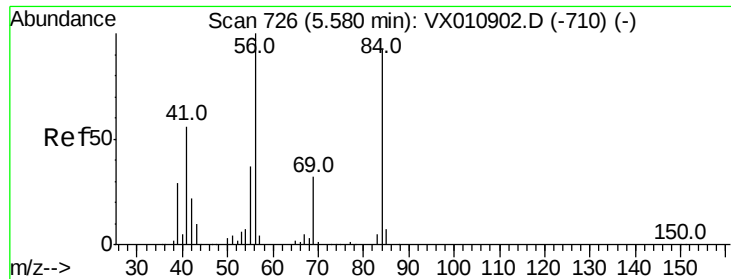
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#30
Chloroform
Concen: 52.865 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.4	77.0





#31

Cyclohexane

Concen: 46.451 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

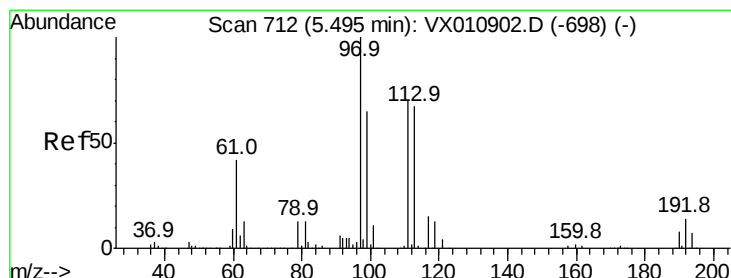
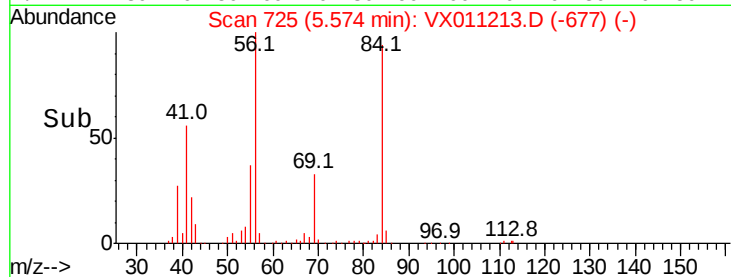
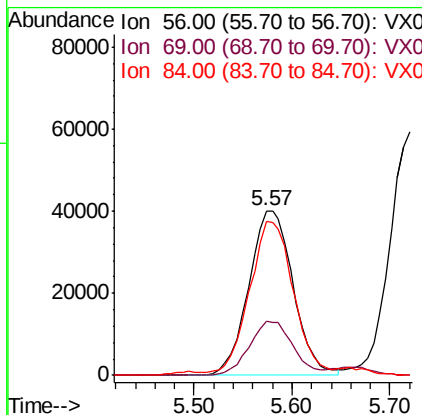
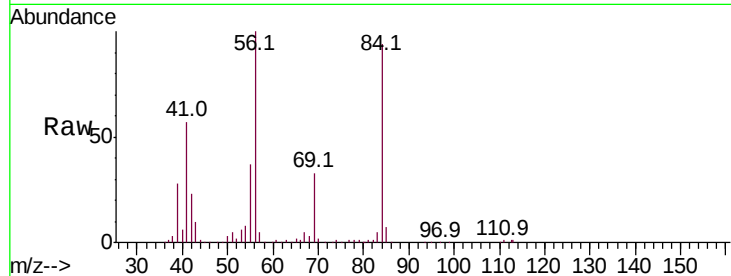
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	126251
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.8	38.8
84	91.3	73.8	110.6

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#32

1,1,1-Trichloroethane

Concen: 53.177 ug/l

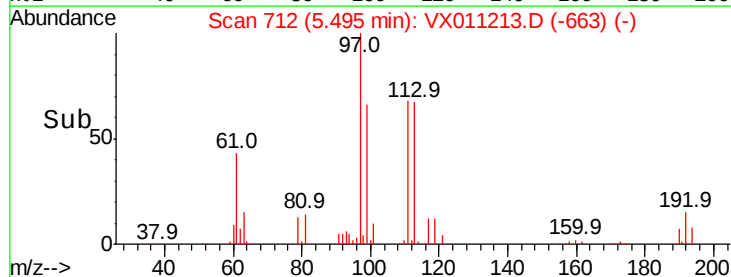
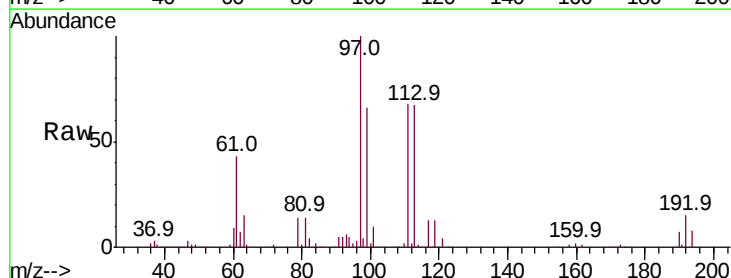
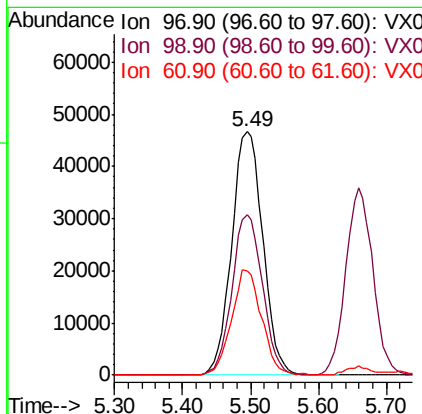
RT: 5.49 min Scan# 712

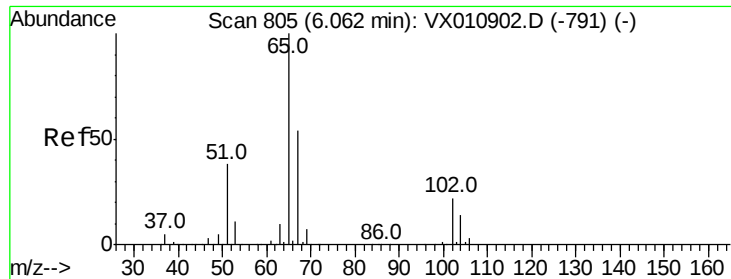
Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion:	97	Resp:	148282
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	41.5	33.0	49.6





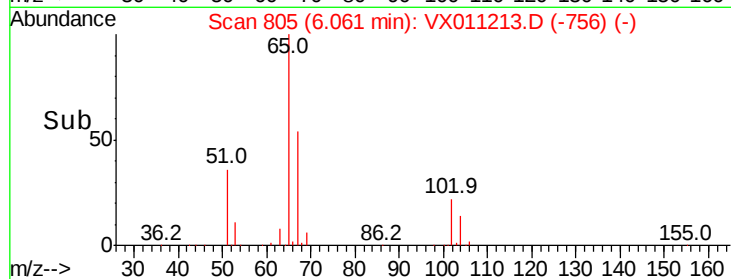
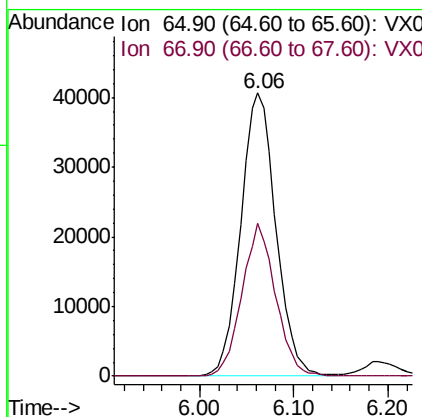
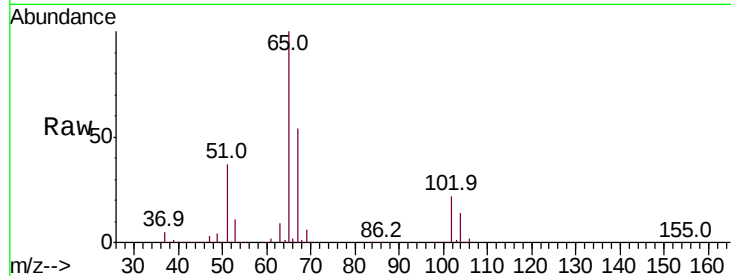
#33
 1,2-Dichloroethane-d4
 Concen: 52.892 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.8

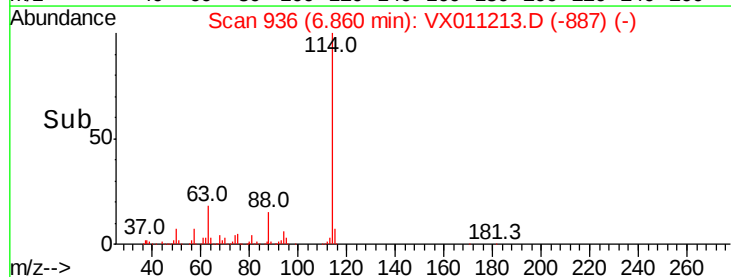
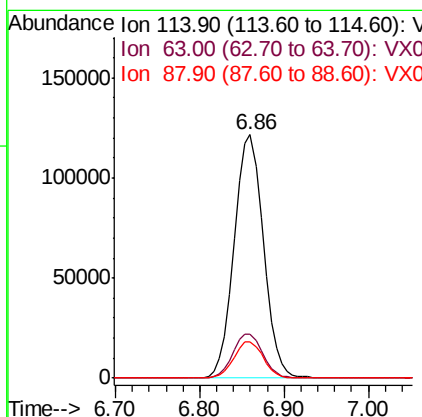
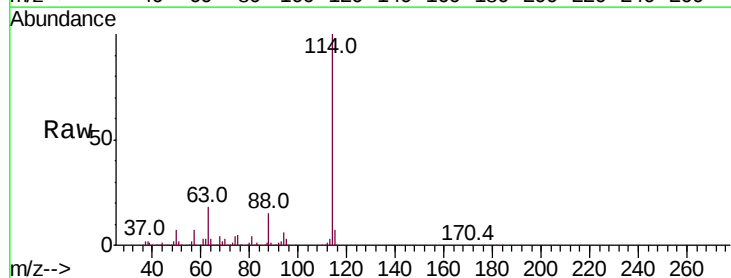
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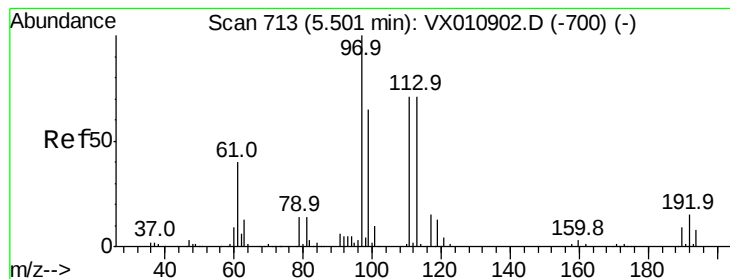
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	14.7	0.0	29.8





#35

Dibromofluoromethane

Concen: 50.136 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 90882

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

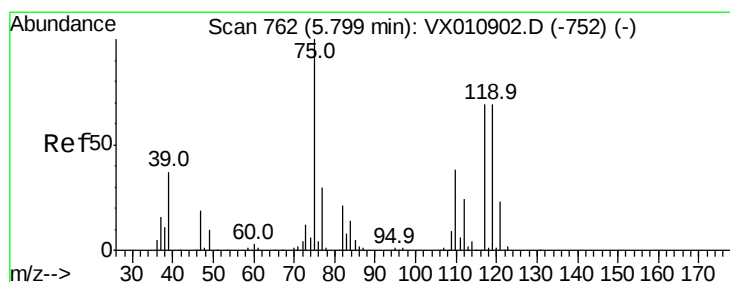
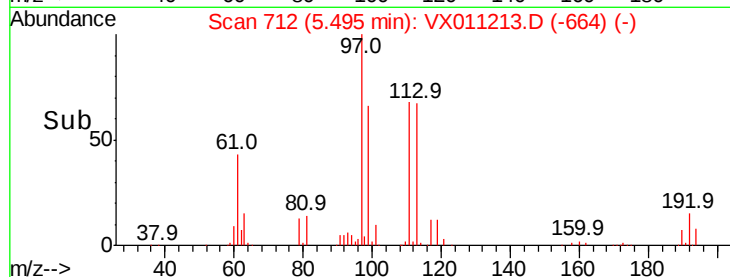
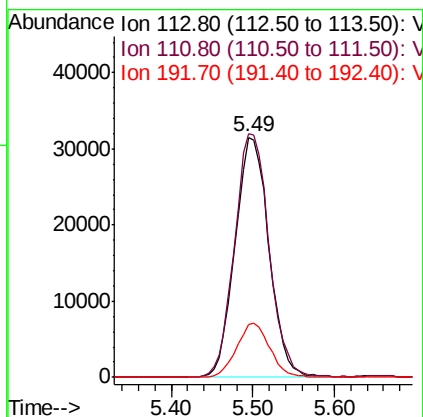
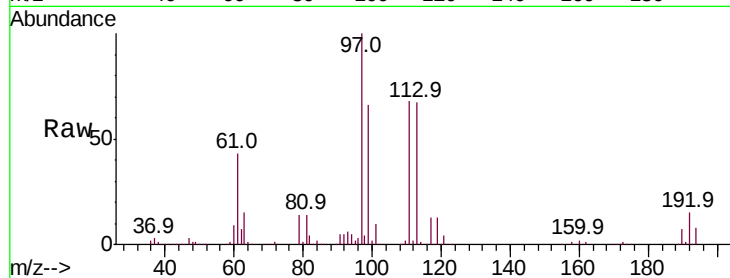
192 21.9 17.4 26.2

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#36

1,1-Dichloropropene

Concen: 49.371 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

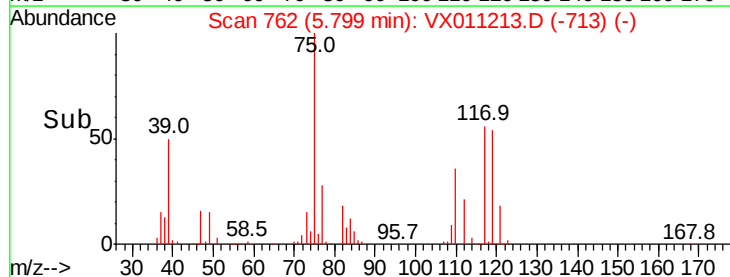
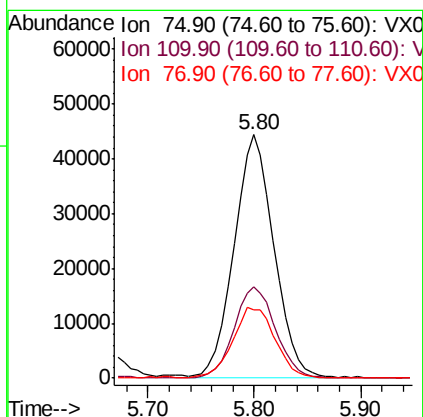
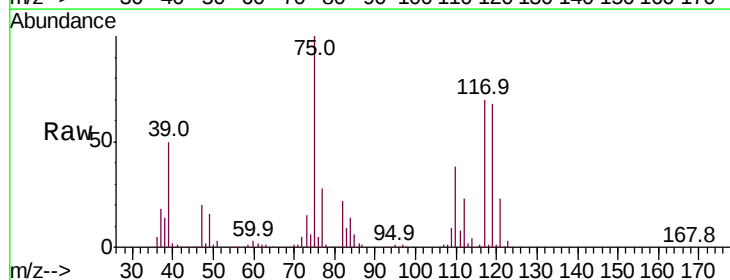
Tgt Ion: 75 Resp: 115818

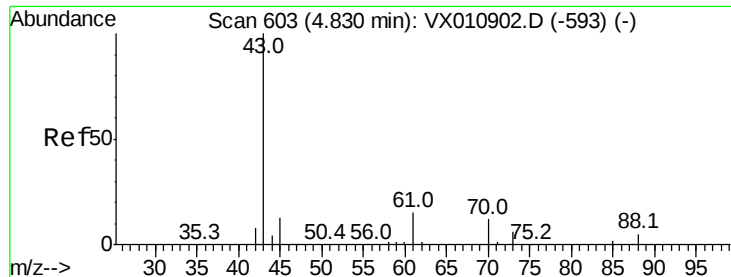
Ion Ratio Lower Upper

75 100

110 39.1 19.9 59.7

77 31.2 25.0 37.4





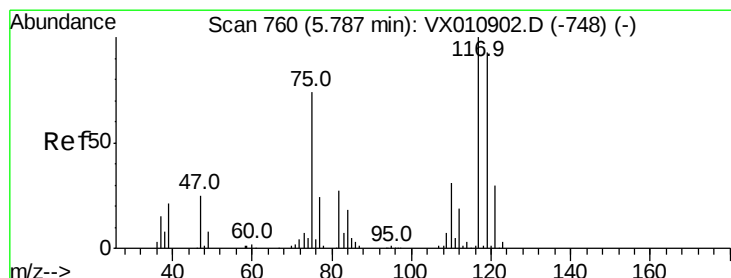
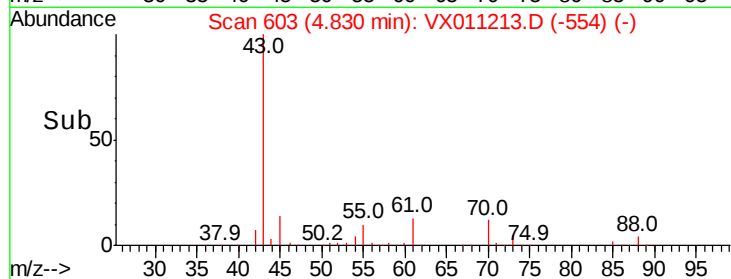
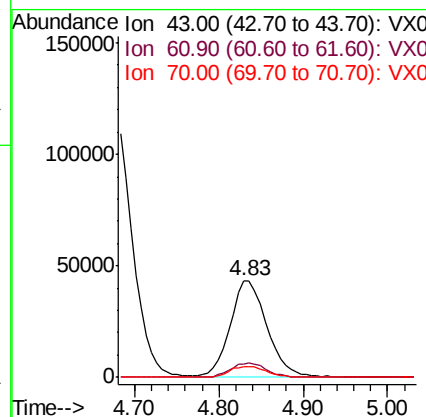
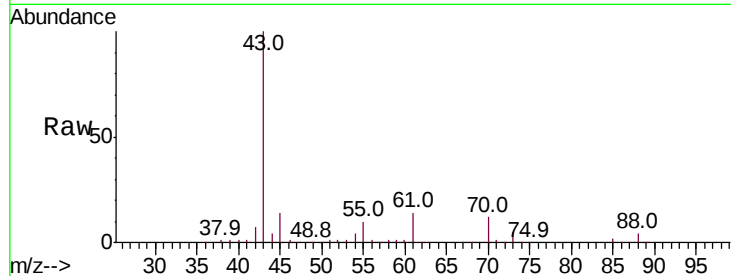
#37
Ethyl Acetate
Concen: 52.776 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.9	9.1	13.7

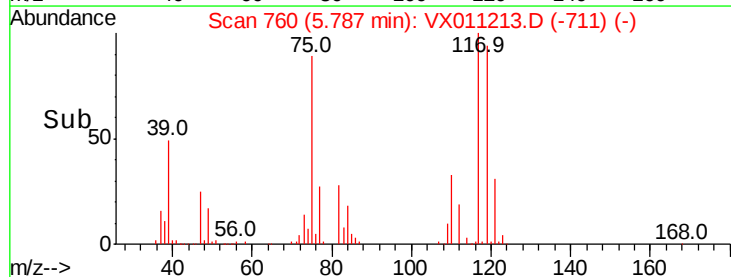
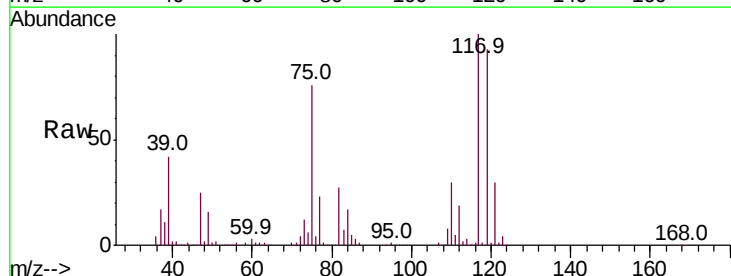
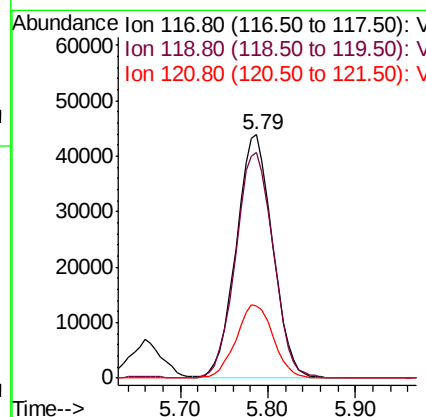
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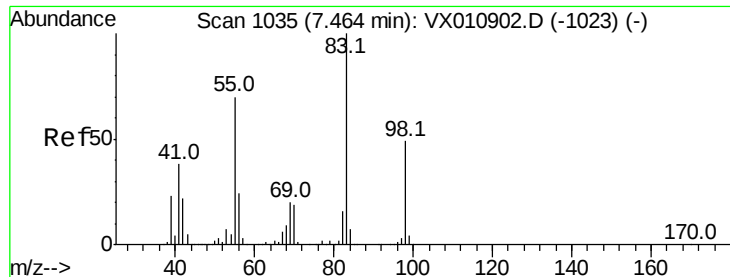
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#38
Carbon Tetrachloride
Concen: 52.057 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.2	111.2
121	29.6	24.2	36.2





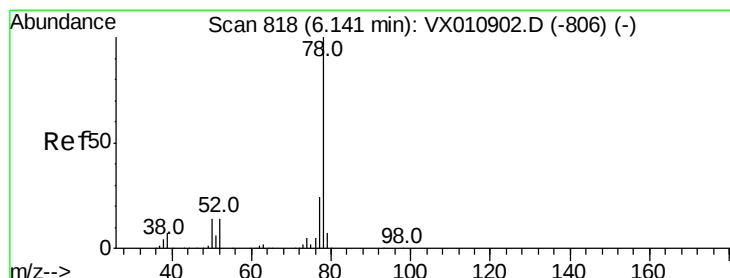
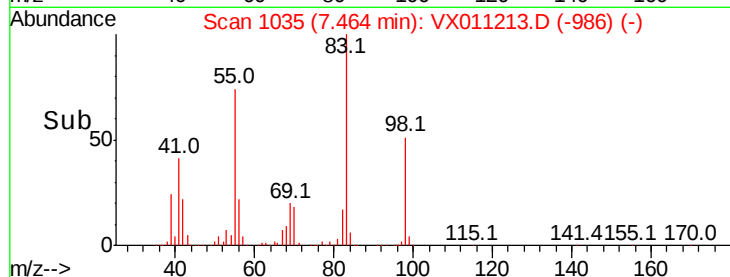
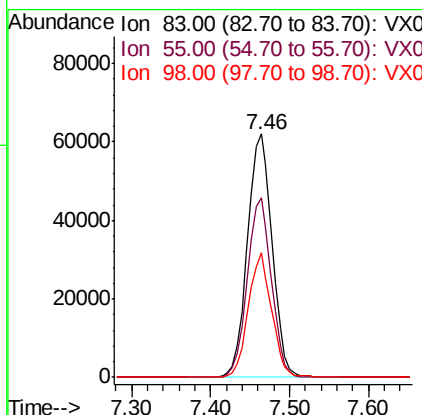
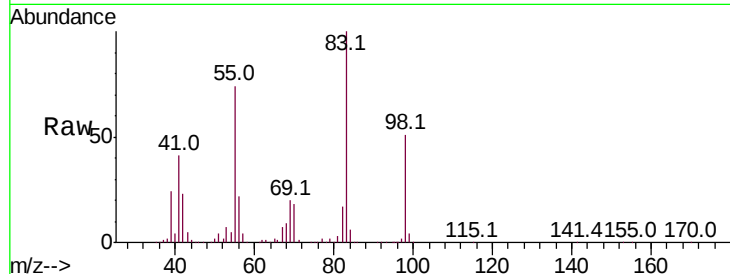
#39
Methvlcvclohexane
Concen: 44.364 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	56.2	84.4
98	51.4	39.0	58.4

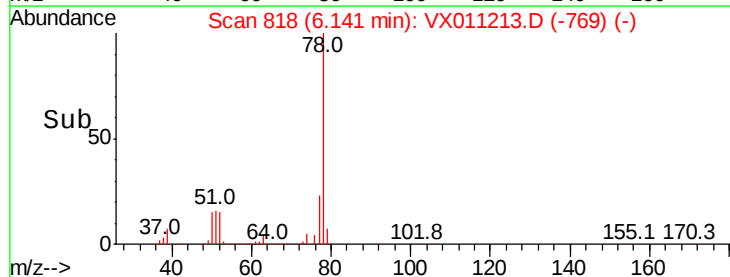
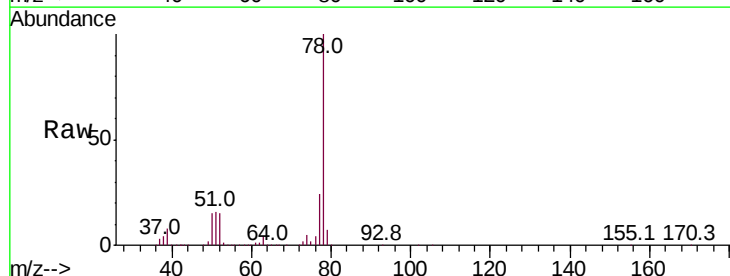
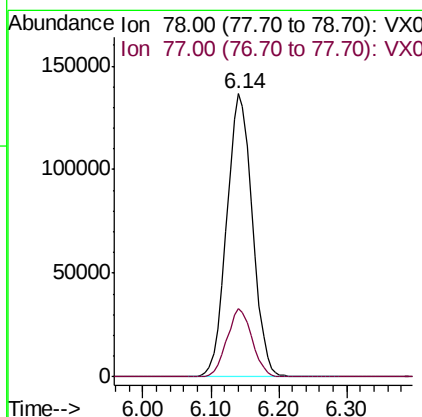
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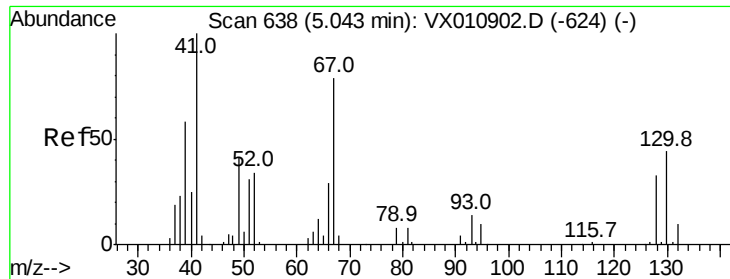
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#40
Benzene
Concen: 49.710 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41

Methacrylonitrile

Concen: 53.088 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

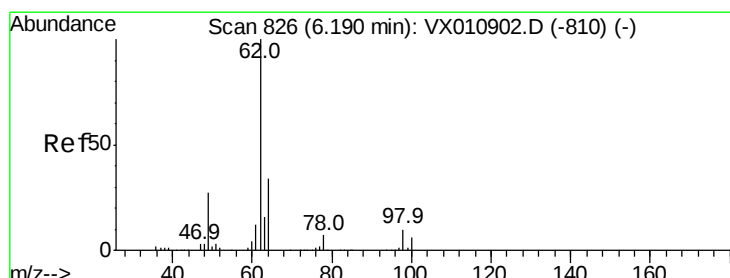
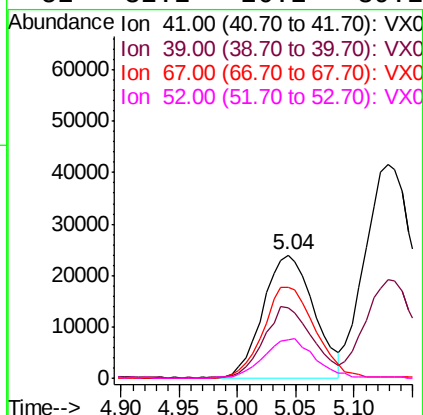
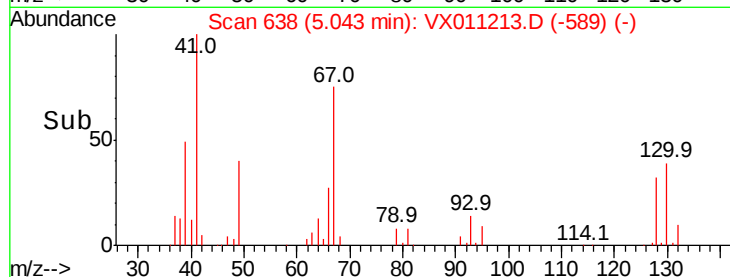
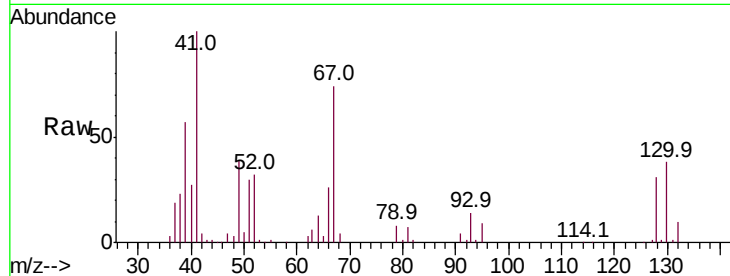
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	45.4	68.2	
67	76.1	65.9	98.9	
52	32.2	26.2	39.2	

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#42

1,2-Dichloroethane

Concen: 53.110 ug/l

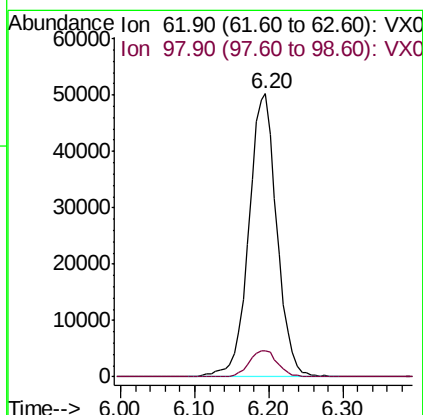
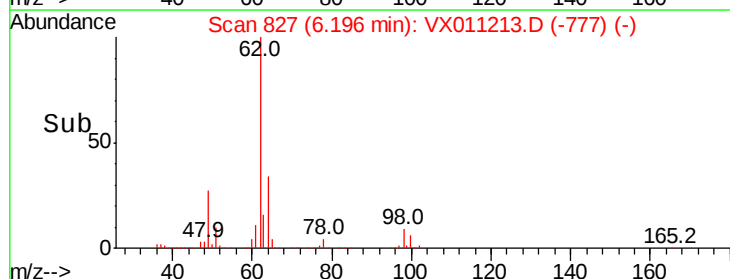
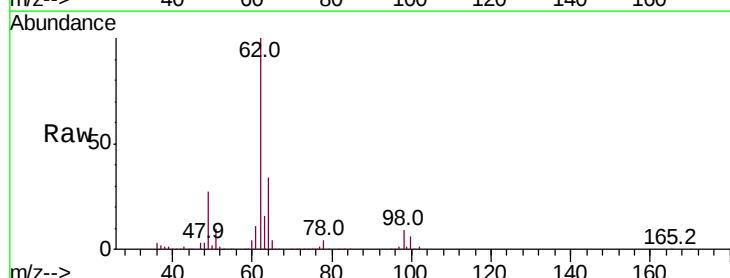
RT: 6.20 min Scan# 827

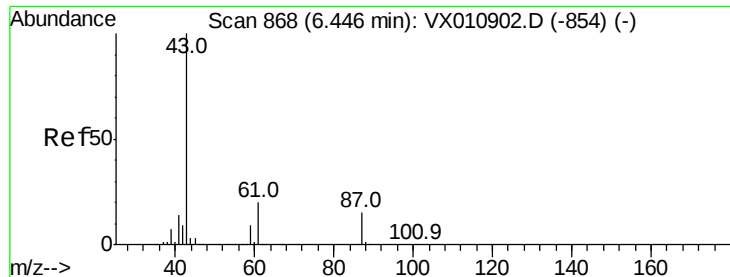
Delta R.T. 0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.0	





#43

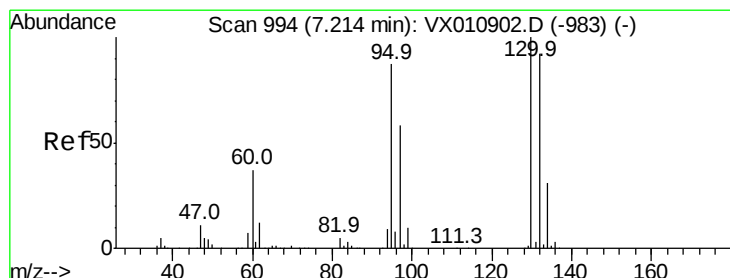
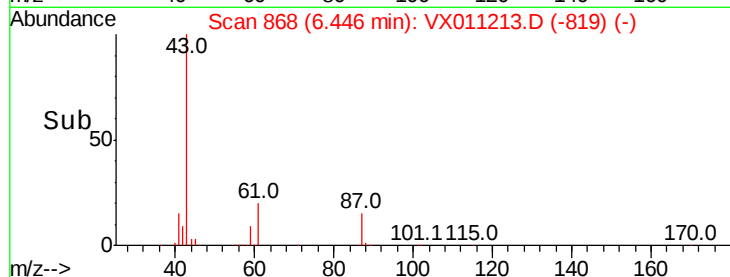
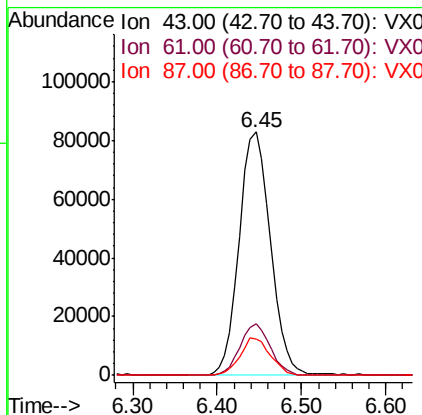
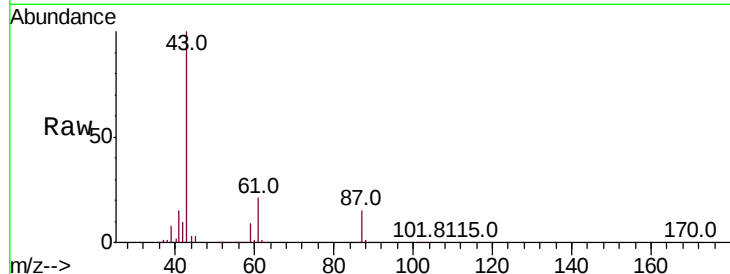
Isopropyl Acetate
 Concen: 52.519 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	207439
Ion Ratio	100	Lower	Upper
43	100		
61	20.5	17.1	25.7
87	14.9	12.0	18.0

Manual Integrations
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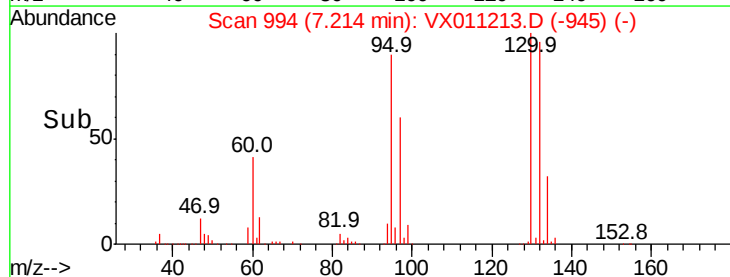
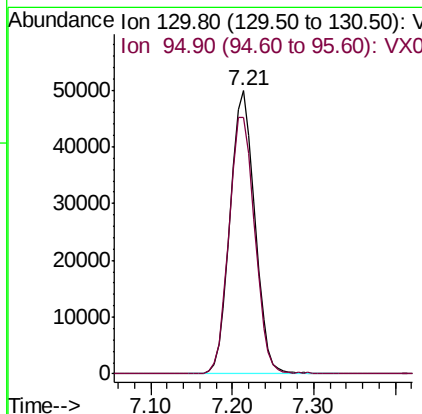
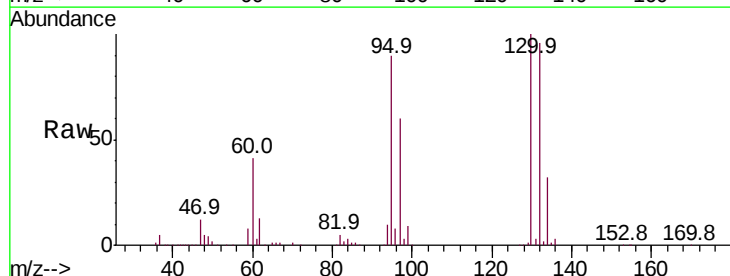
MMDadoda
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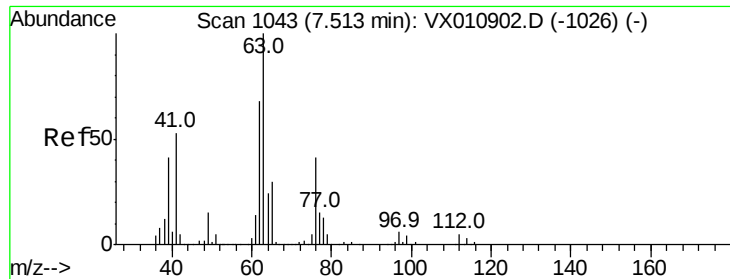


#44

Trichloroethene
 Concen: 48.903 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion	130	Resp	104020
Ion Ratio	100	Lower	Upper
130	100		
95	90.4	0.0	174.8





#45

1,2-Dichloropropane

Concen: 50.612 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 92568

Ion Ratio Lower Upper

63 100

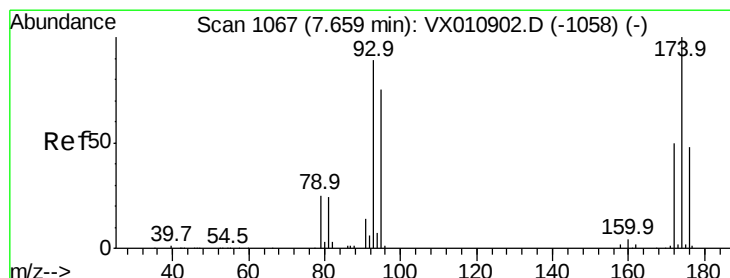
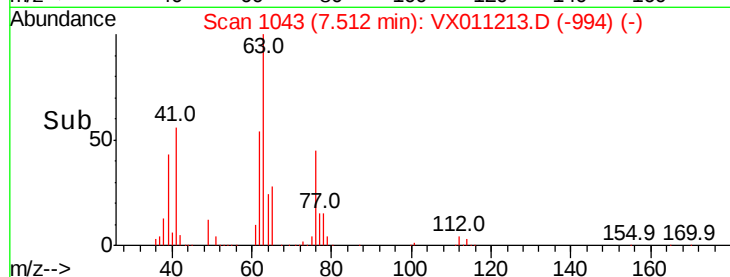
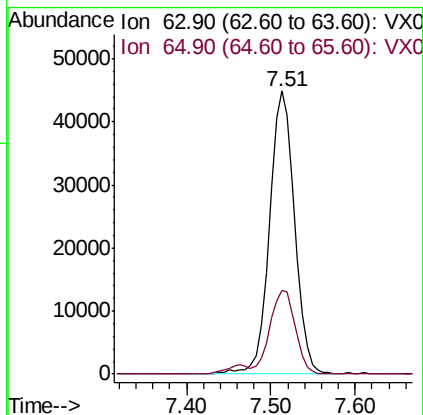
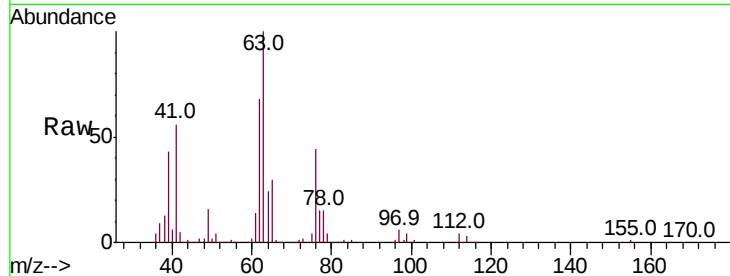
65 29.5 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 52.099 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

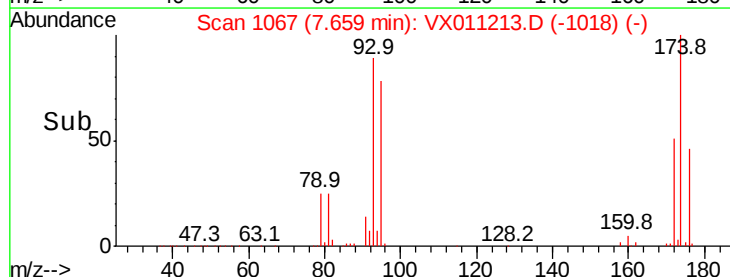
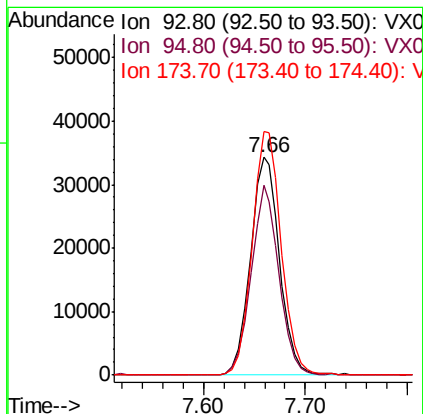
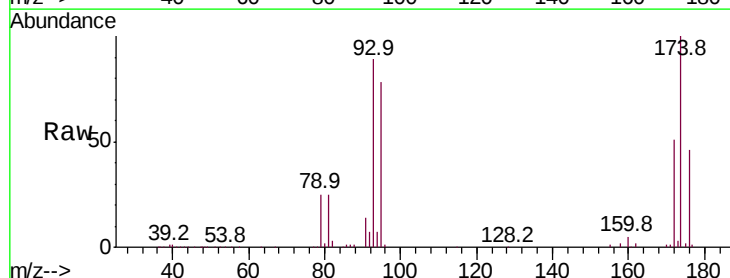
Tgt Ion: 93 Resp: 68088

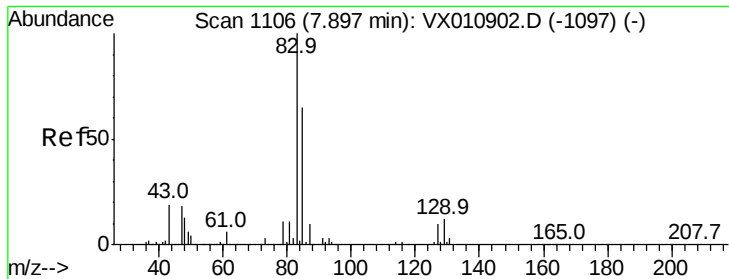
Ion Ratio Lower Upper

93 100

95 83.3 67.2 100.8

174 112.3 90.6 135.8





#47

Bromodichloromethane

Concen: 53.320 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

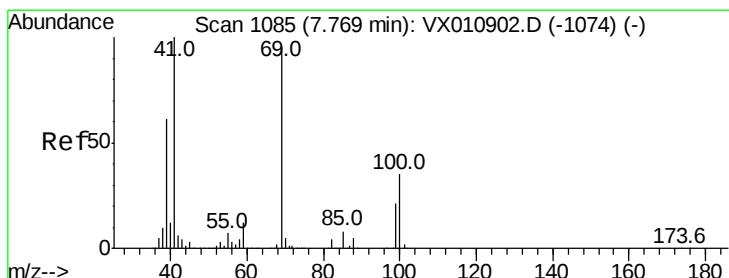
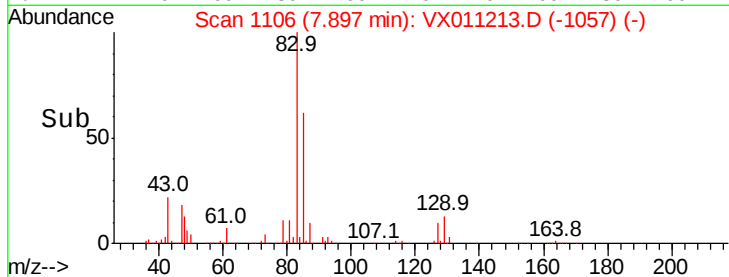
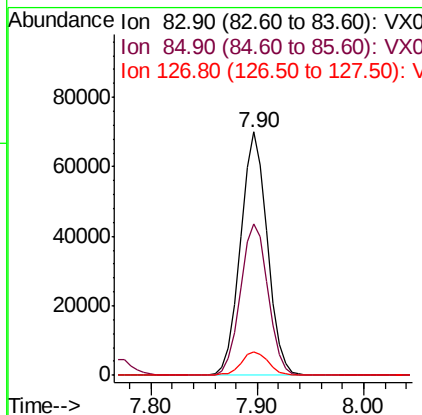
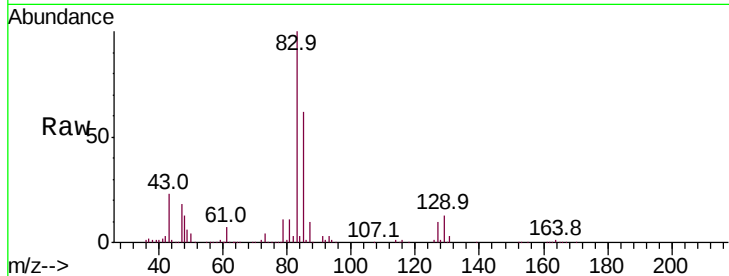
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	124045
Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.5	78.7
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.769 ug/l

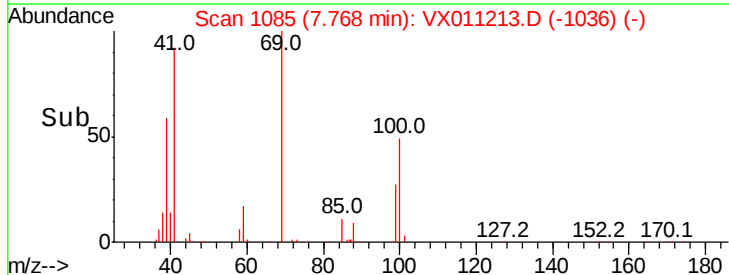
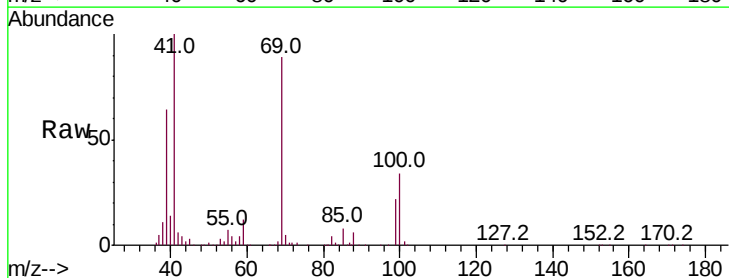
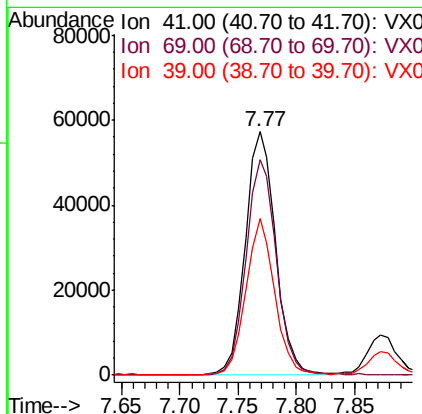
RT: 7.77 min Scan# 1085

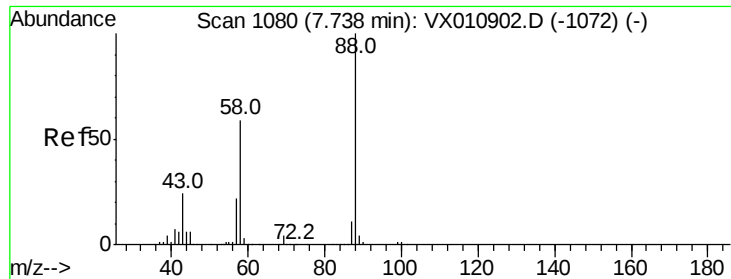
Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion:	41	Resp:	103459
Ion	Ratio	Lower	Upper
41	100		
69	88.9	74.4	111.6
39	60.3	48.9	73.3





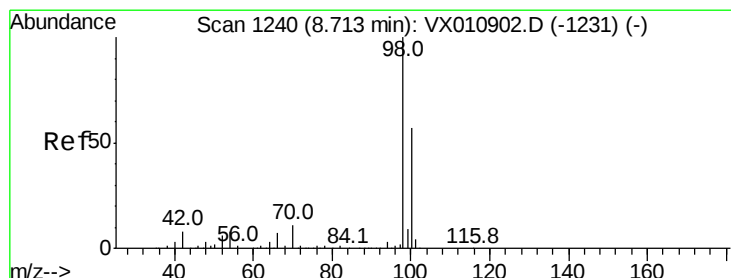
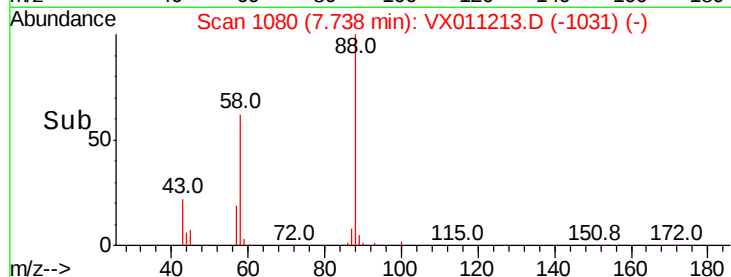
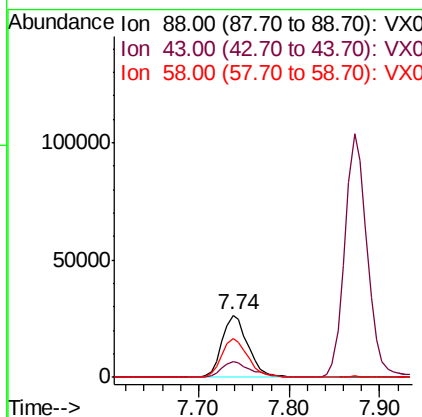
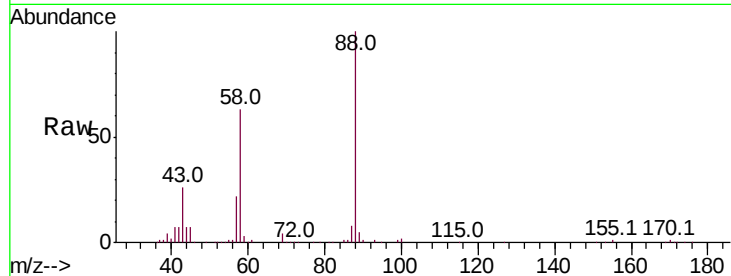
#49
1,4-Dioxane
Concen: 972.651 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.9	34.3
58	64.4	49.8	74.8

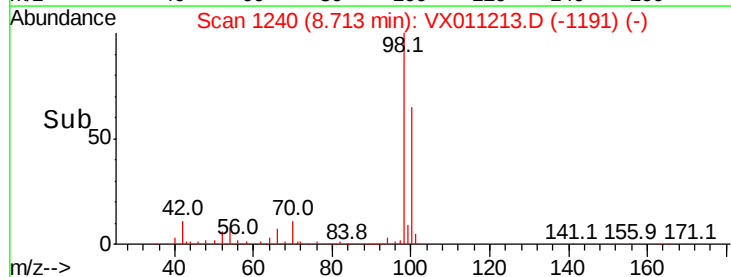
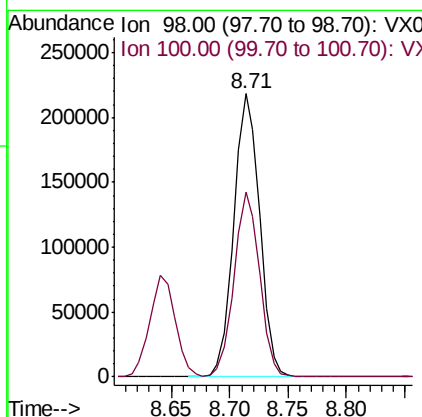
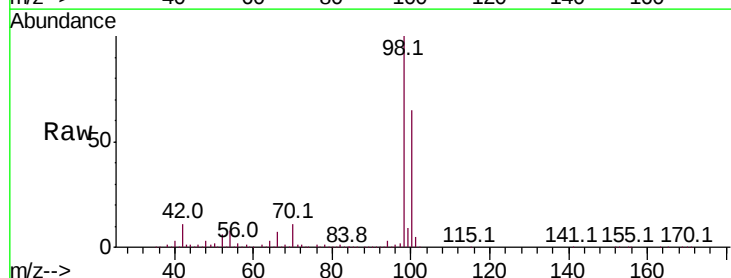
Manual Integrations
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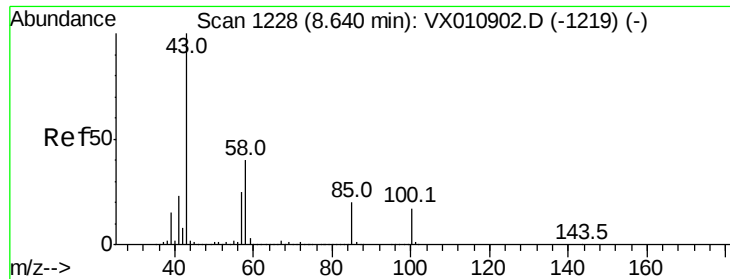
MMDadoda
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#50
Toluene-d8
Concen: 49.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 277.591 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 710748

Ion Ratio Lower Upper

43 100

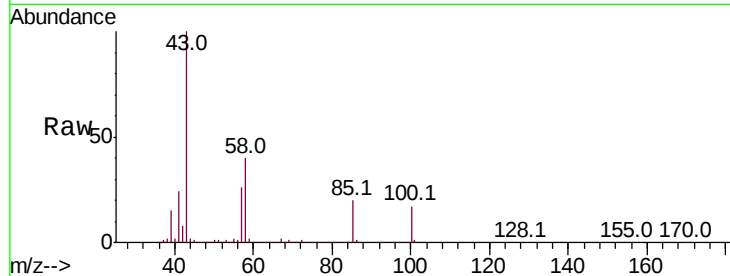
58 40.2 32.2 48.4

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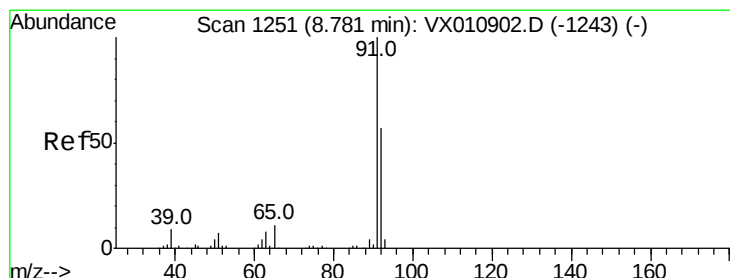
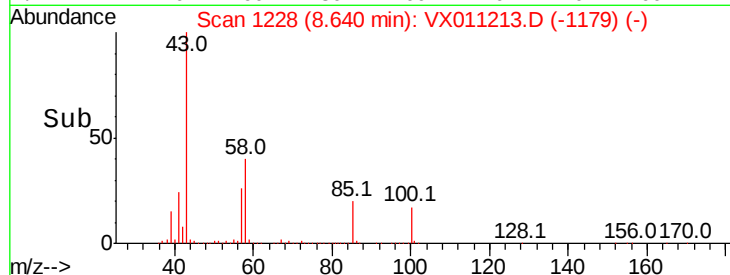
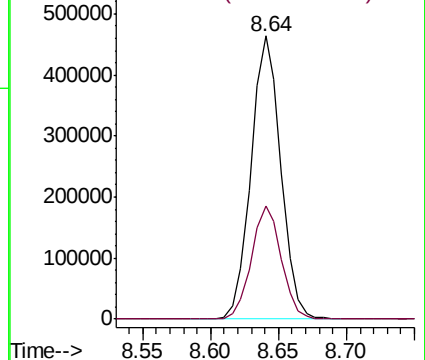
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.130 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011213.D

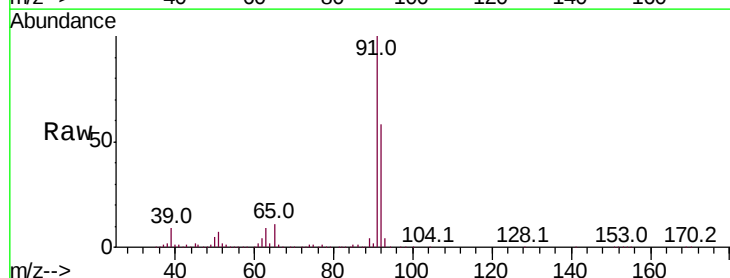
Acq: 30 Jul 2019 22:21

Tgt Ion: 92 Resp: 236644

Ion Ratio Lower Upper

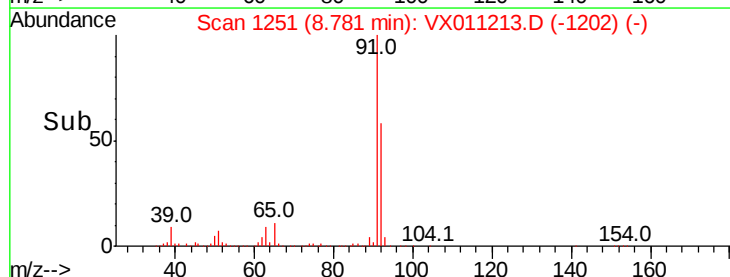
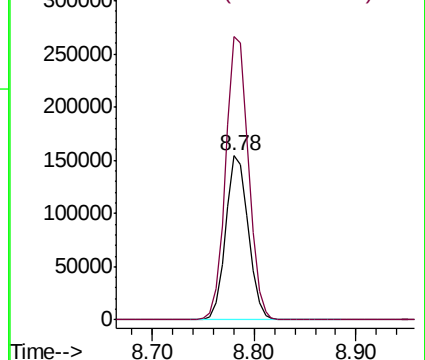
92 100

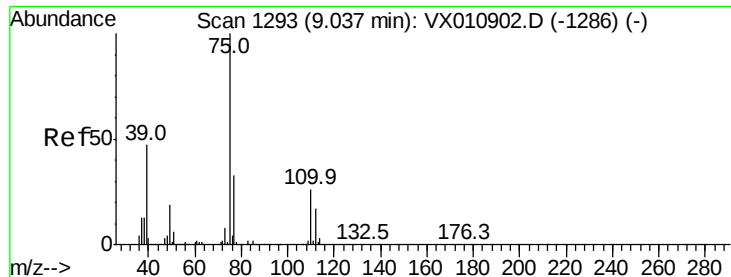
91 174.7 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.726 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 131892

Ion Ratio Lower Upper

75 100

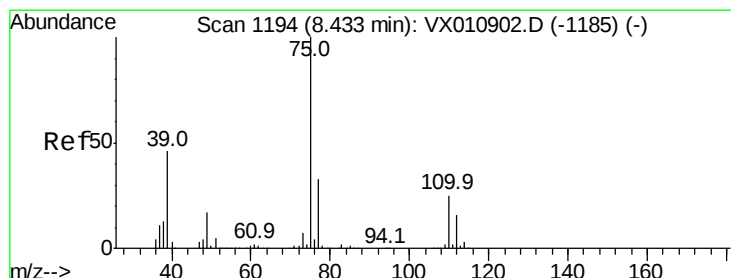
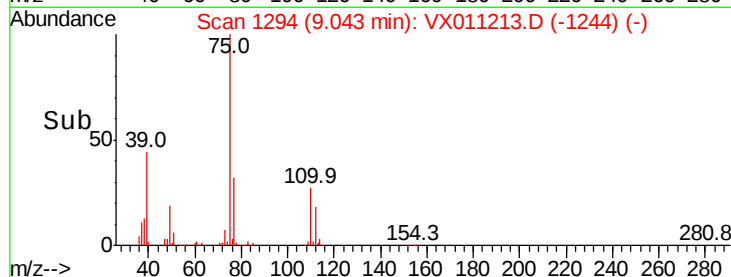
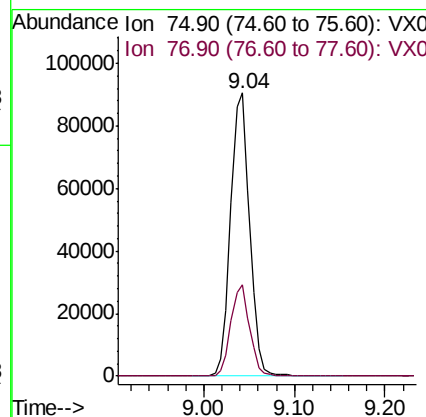
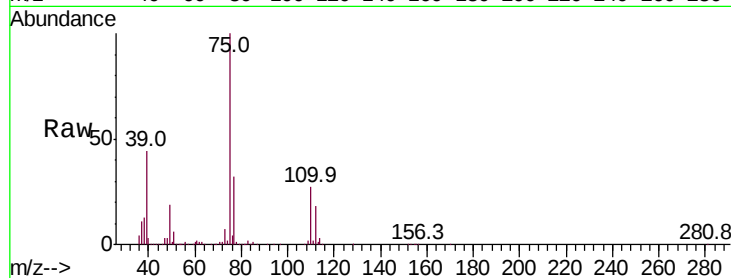
77 32.1 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 51.128 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

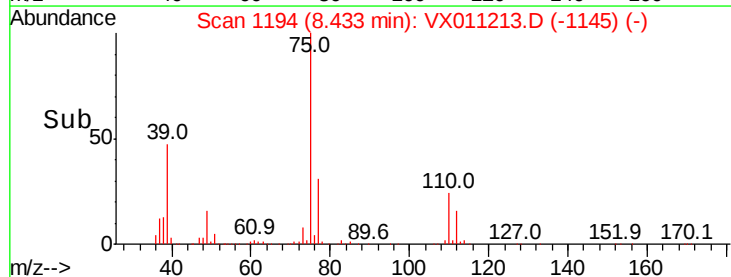
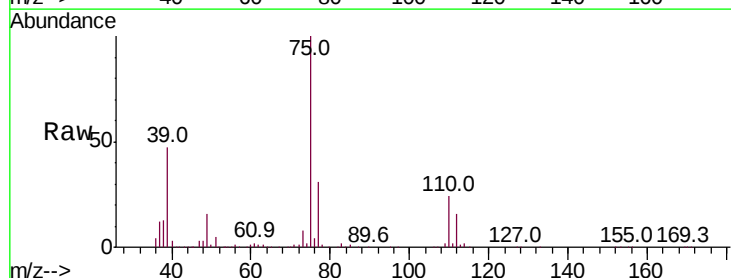
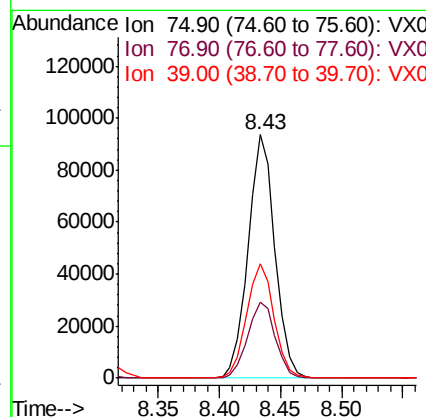
Tgt Ion: 75 Resp: 142315

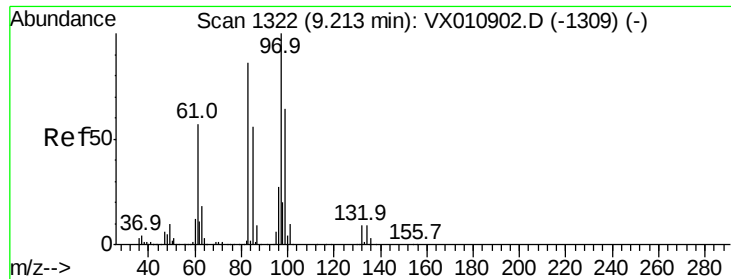
Ion Ratio Lower Upper

75 100

77 31.1 26.1 39.1

39 46.6 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 52.320 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 101695

Ion Ratio Lower Upper

97 100

83 82.2 69.2 103.8

85 52.7 44.6 66.8

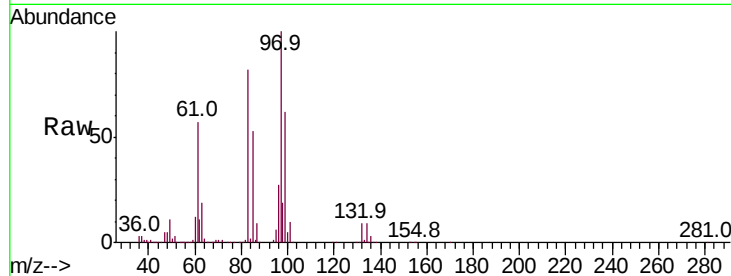
99 61.6 51.2 76.8

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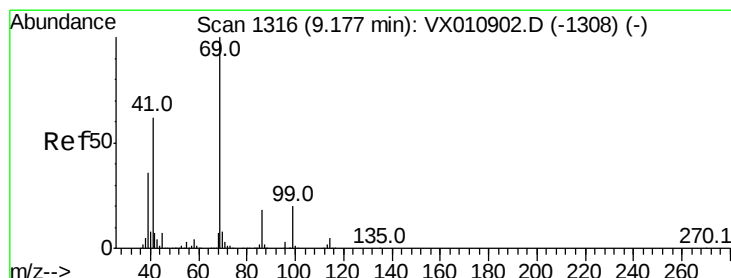
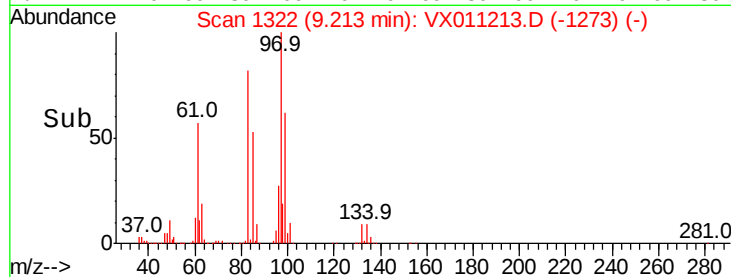
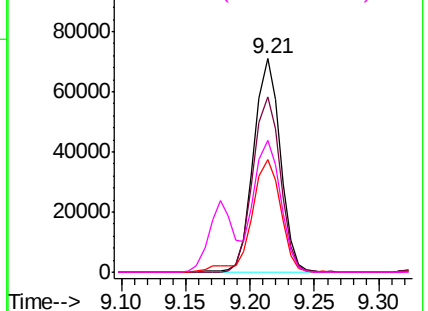


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.623 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

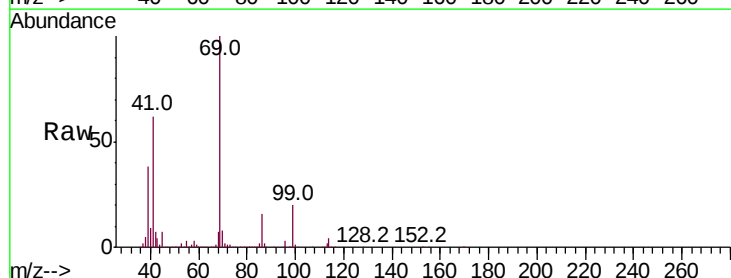
Tgt Ion: 69 Resp: 158147

Ion Ratio Lower Upper

69 100

41 63.1 49.7 74.5

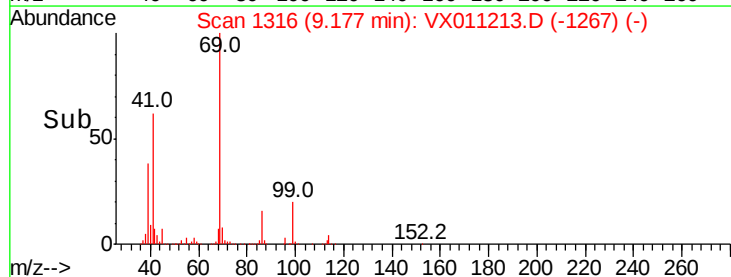
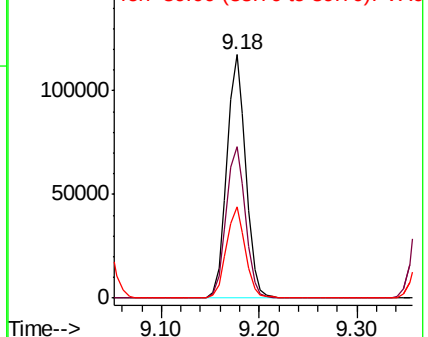
39 37.2 29.6 44.4

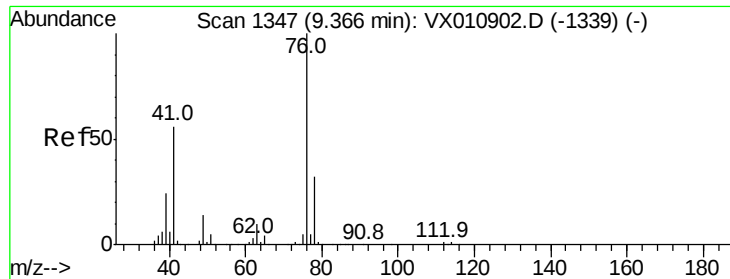


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





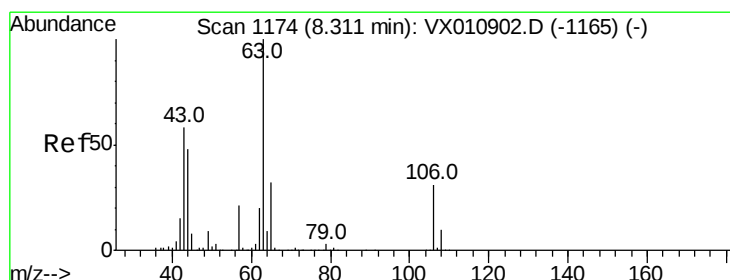
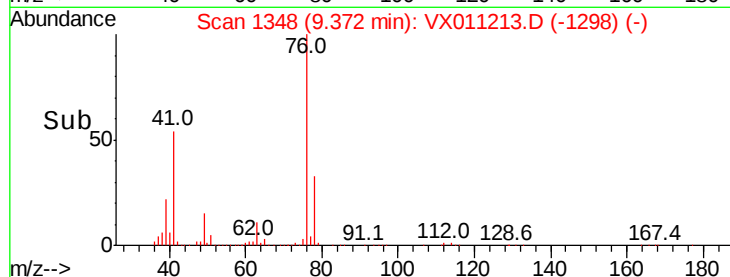
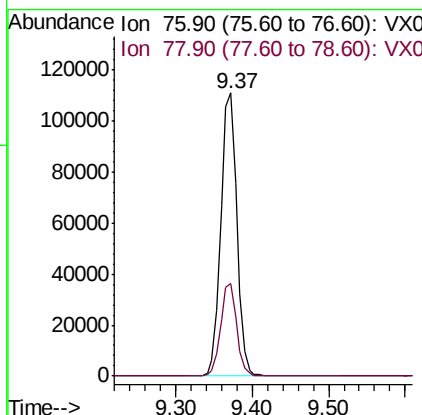
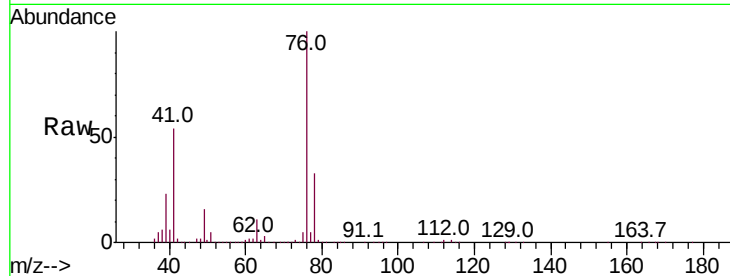
#57
 1,3-Dichloropropane
 Concen: 52.270 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 161172
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

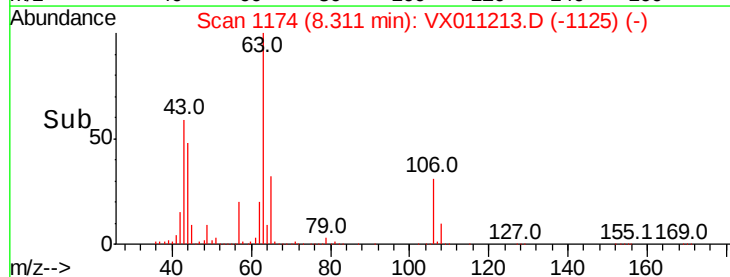
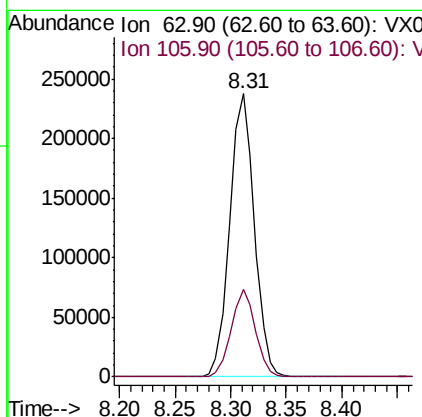
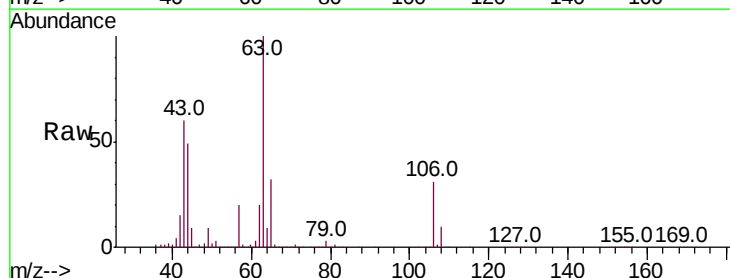
Manual Integrations
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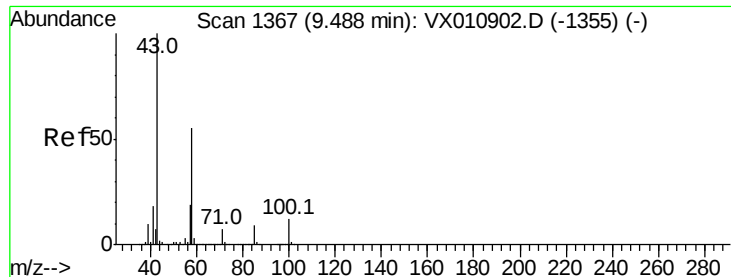
MMDadoda
 7/31/2019 10:53:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.099 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion: 63 Resp: 362514
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.0 36.0





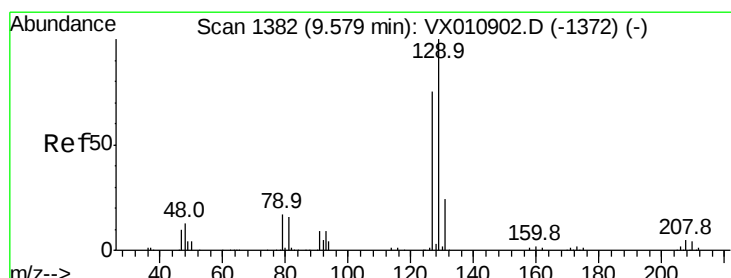
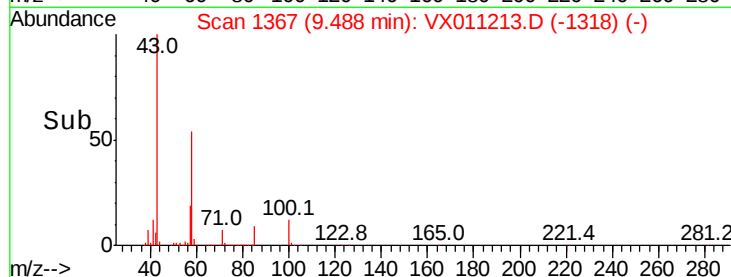
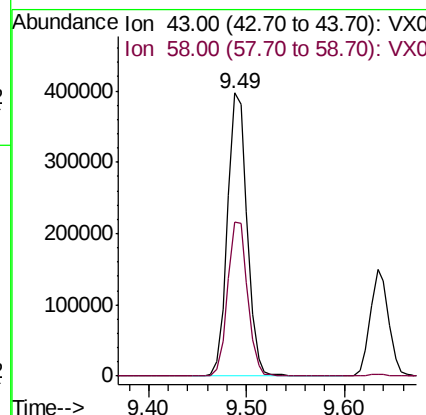
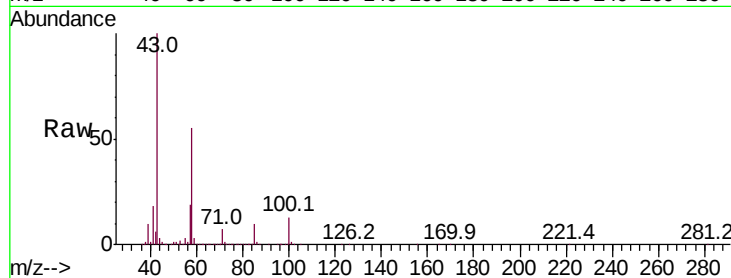
#59
2-Hexanone
Concen: 277.945 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 551972
Ion Ratio Lower Upper
43 100
58 55.4 28.0 83.9

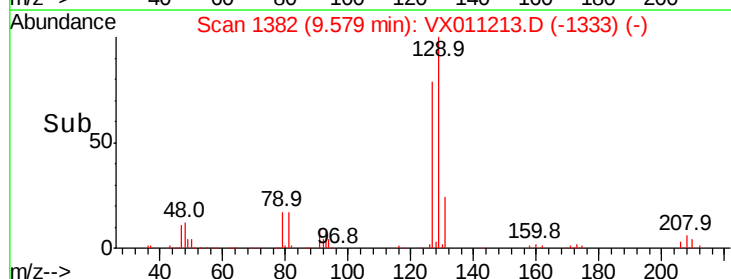
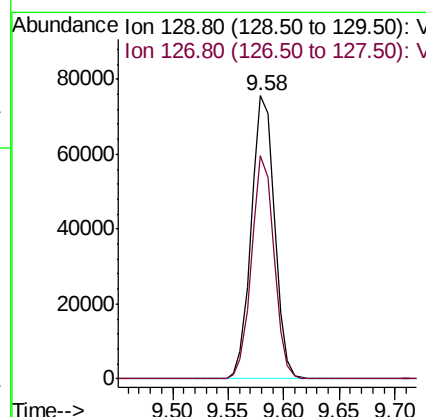
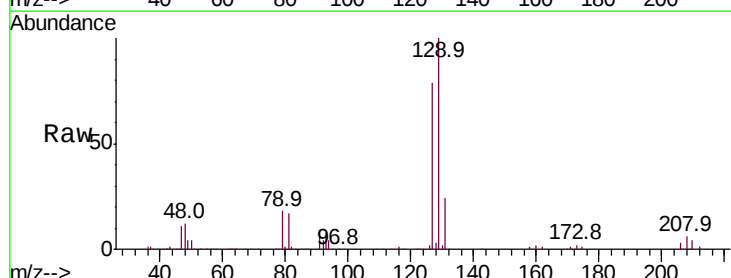
Manual Integrations
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#60
Dibromochloromethane
Concen: 49.270 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion: 129 Resp: 110130
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.588 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 110541

Ion Ratio Lower Upper

107 100

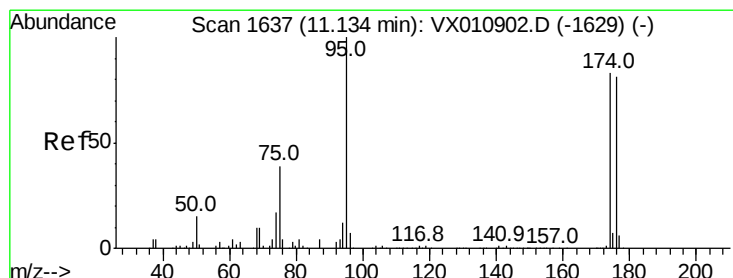
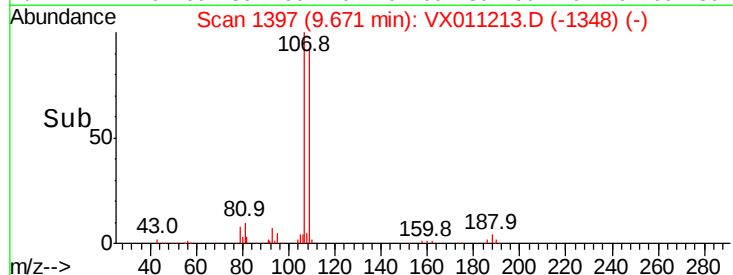
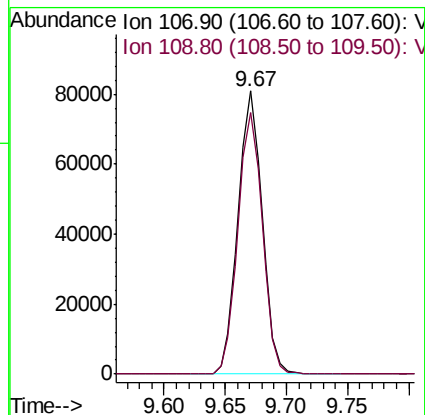
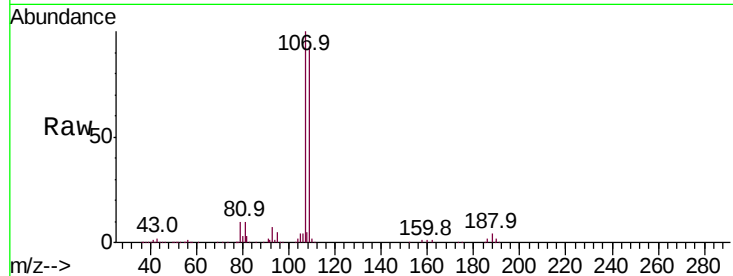
109 94.2 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.082 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

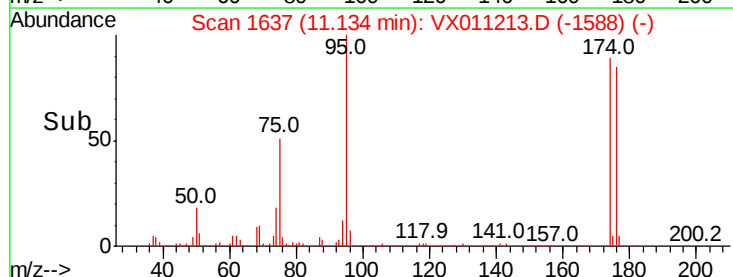
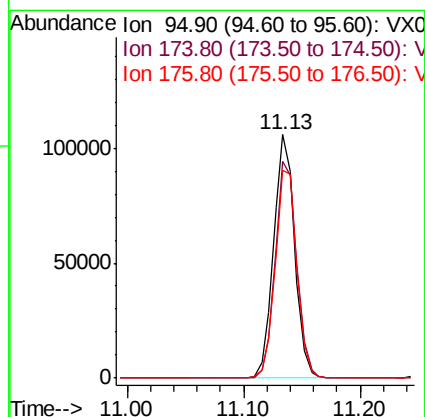
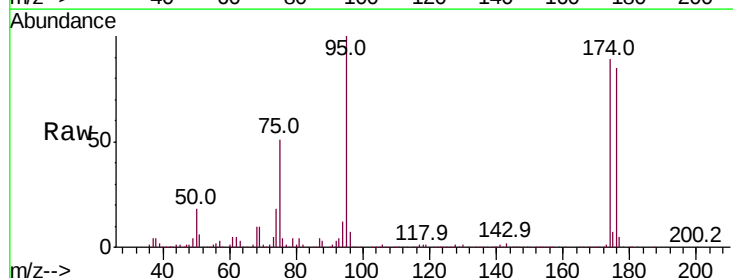
Tgt Ion: 95 Resp: 132654

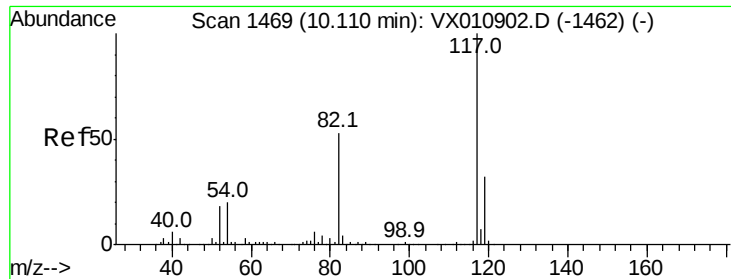
Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.6

176 88.4 0.0 173.8





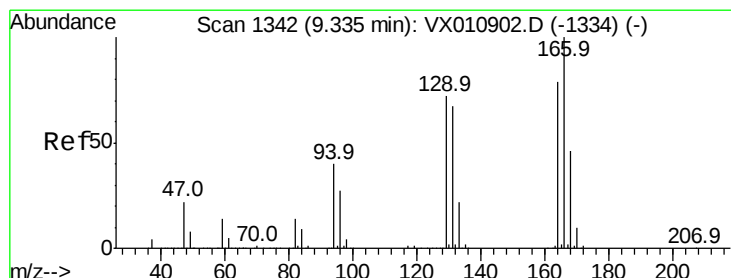
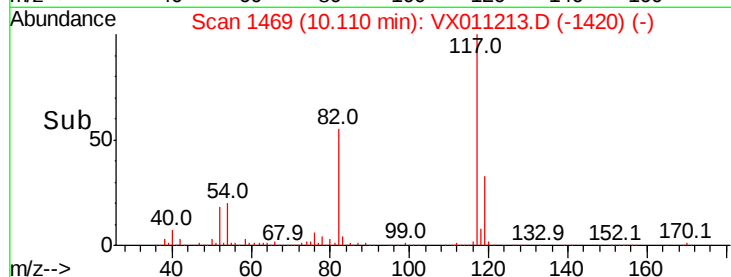
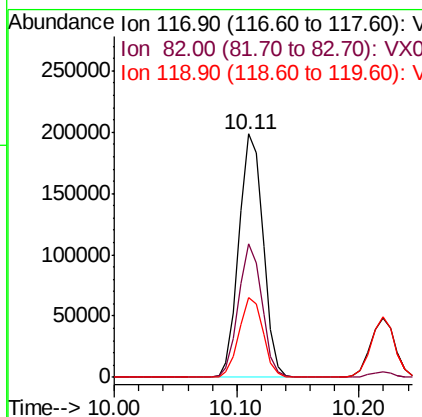
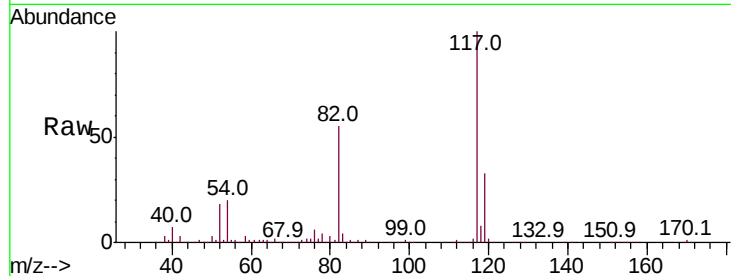
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.6	63.8
119	33.0	25.9	38.9

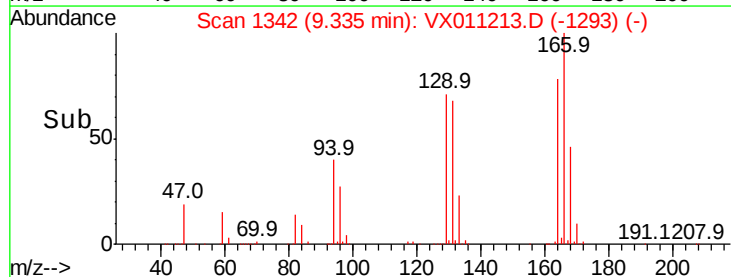
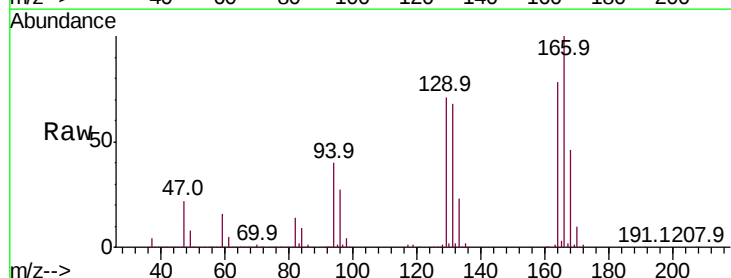
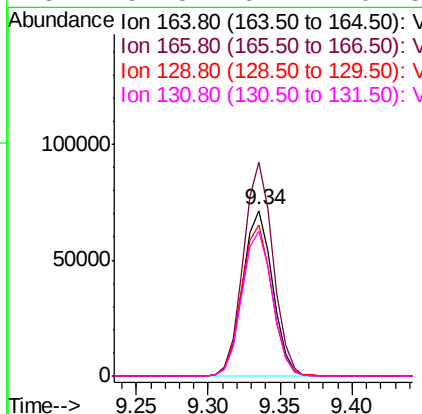
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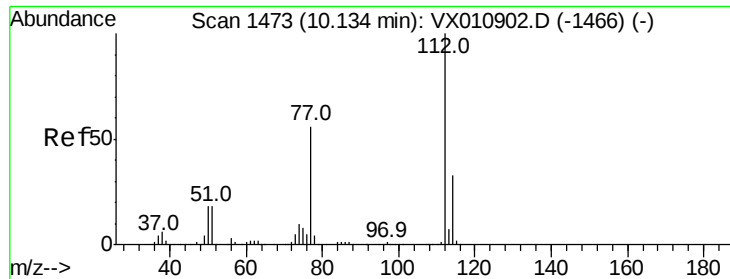
MMDadoda
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#64
Tetrachloroethene
Concen: 48.060 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.8	151.2
129	91.2	72.6	109.0
131	87.3	67.7	101.5





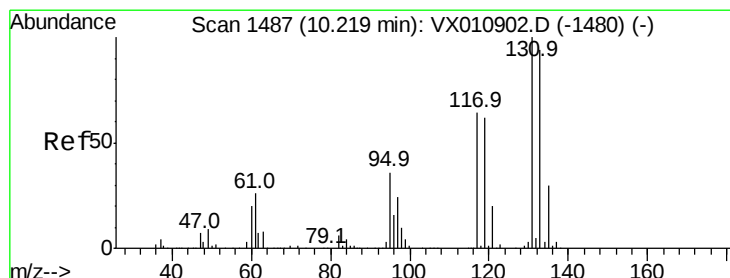
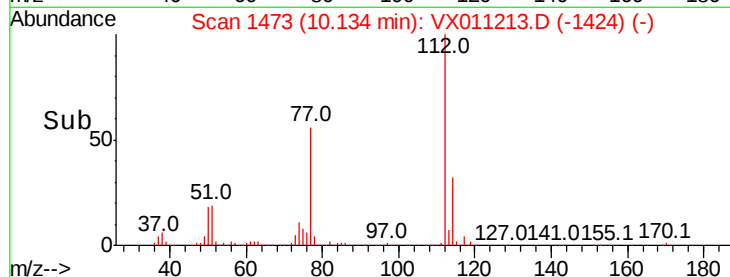
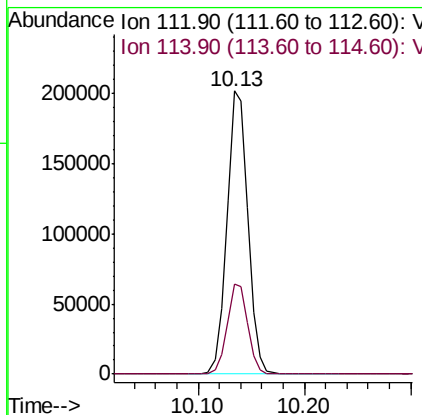
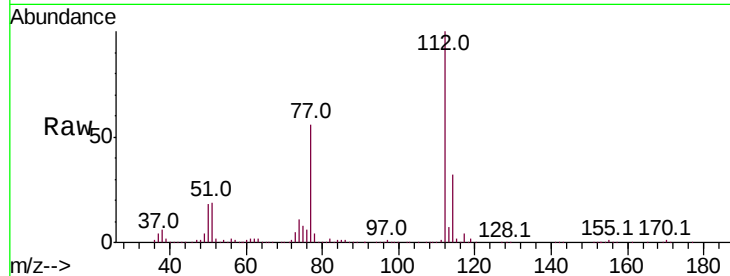
#65
Chlorobenzene
Concen: 49.856 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 278261
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

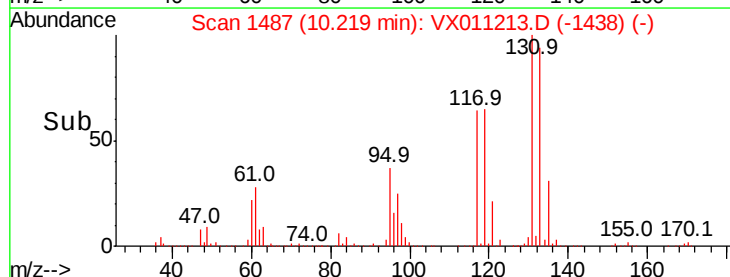
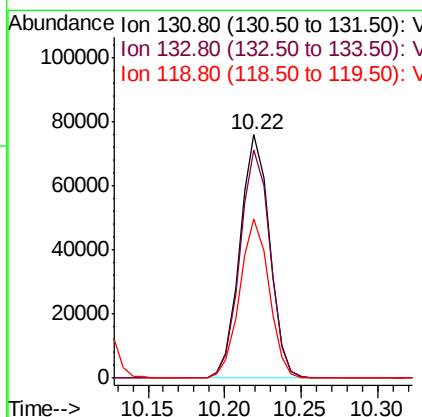
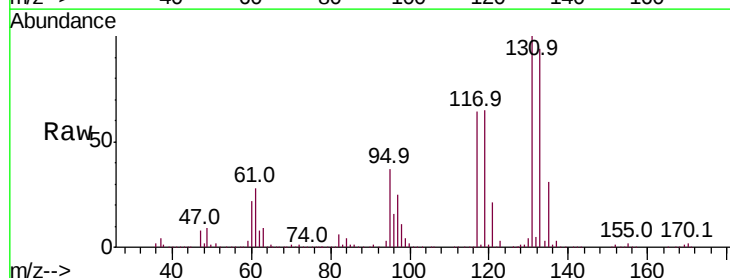
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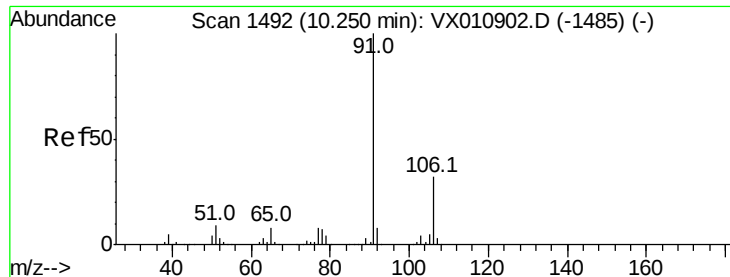
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion:131 Resp: 102415
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.6 31.9 95.7





#67

Ethyl Benzene

Concen: 50.133 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 476264

Ion Ratio Lower Upper

91 100

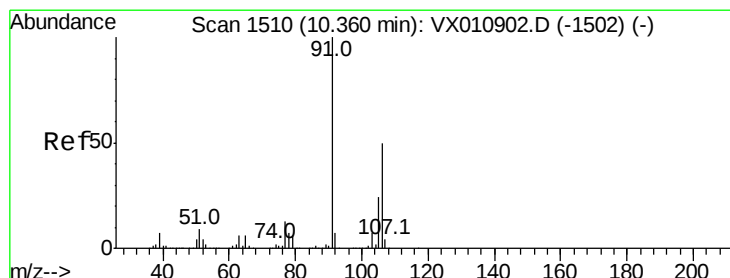
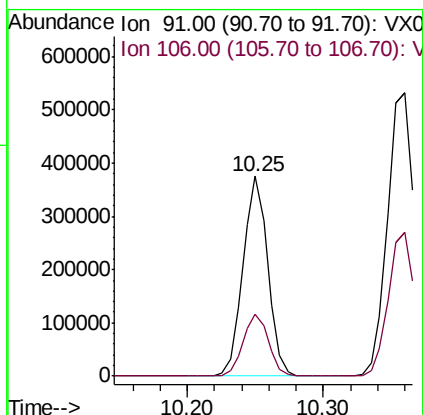
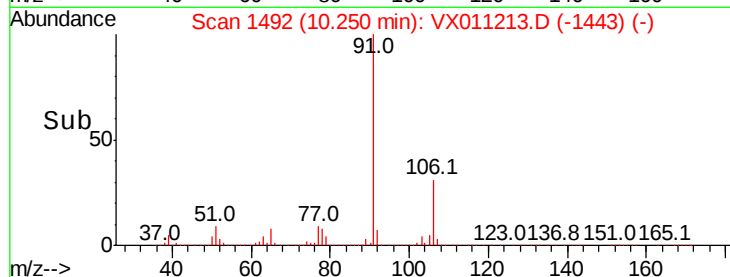
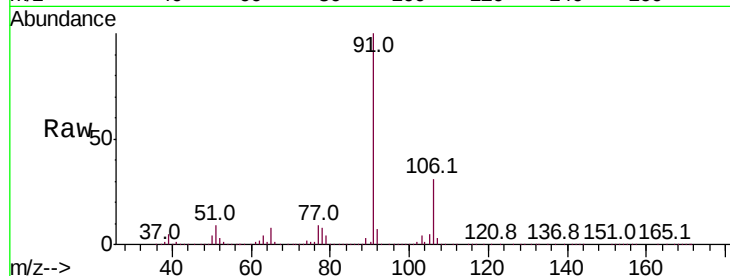
106 30.9 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.114 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011213.D

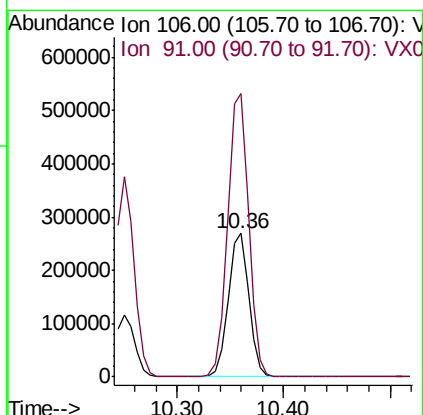
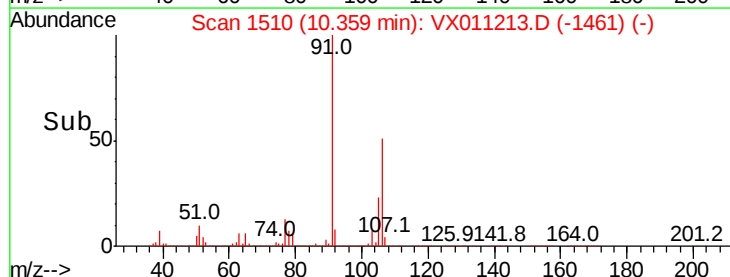
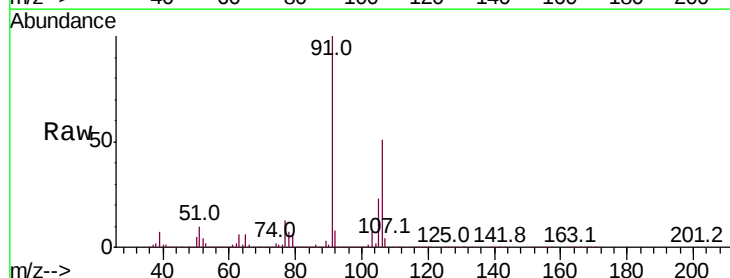
Acq: 30 Jul 2019 22:21

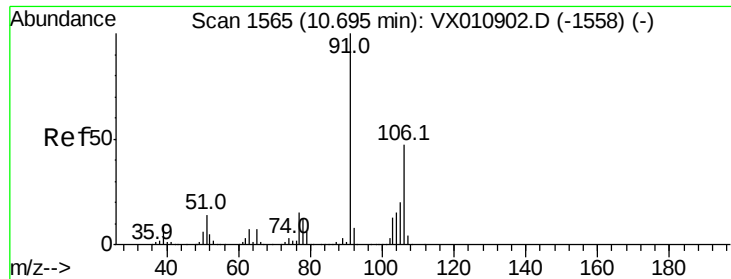
Tgt Ion: 106 Resp: 364829

Ion Ratio Lower Upper

106 100

91 202.5 160.1 240.1





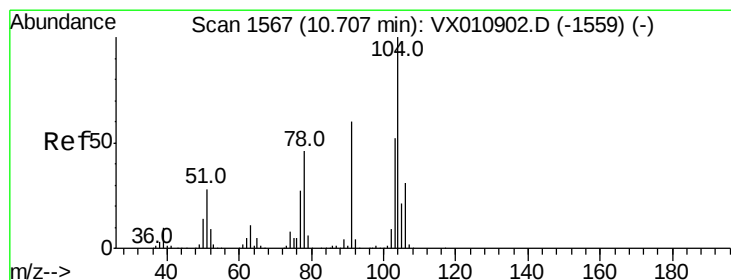
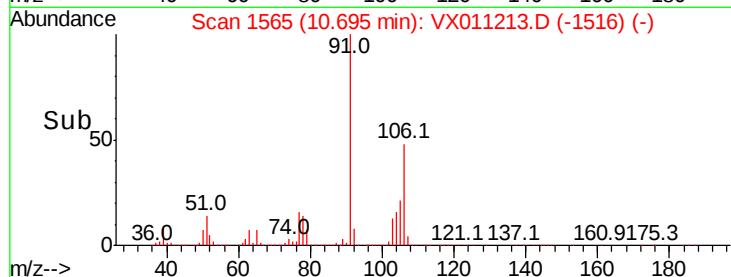
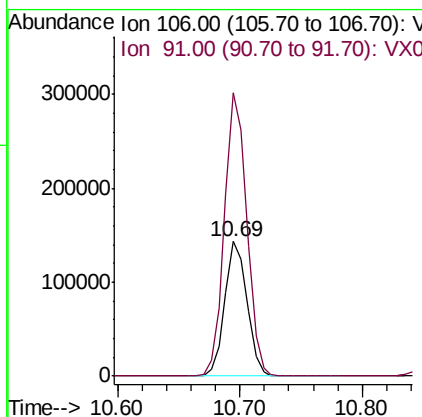
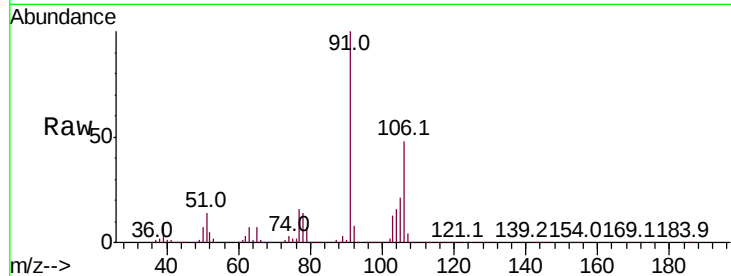
#69
o-Xylene
Concen: 50.711 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	105.1	315.3

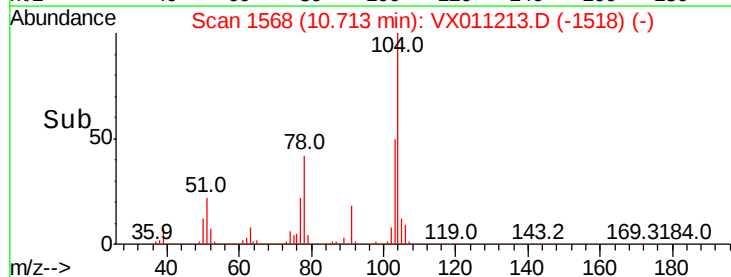
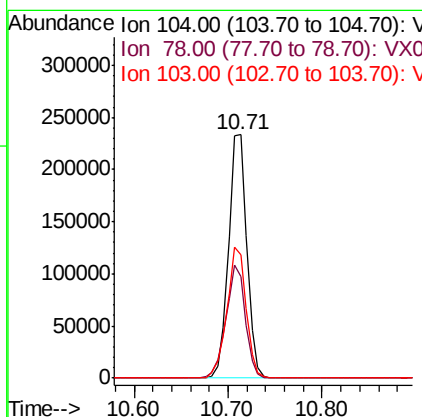
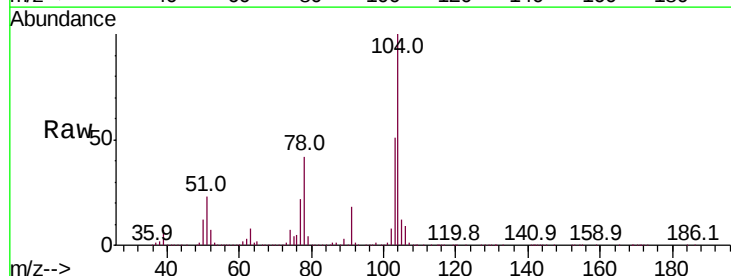
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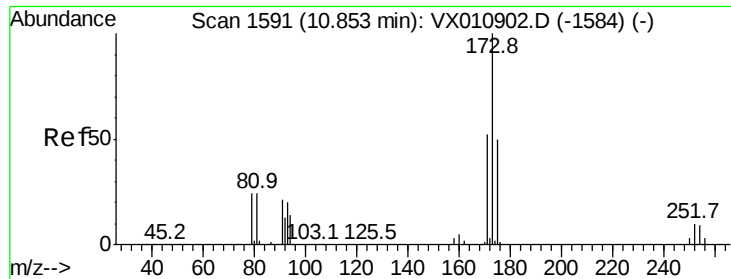
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#70
Styrene
Concen: 53.293 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.8	58.2
103	56.2	44.2	66.4





#71

Bromoform

Concen: 47.379 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 84370

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

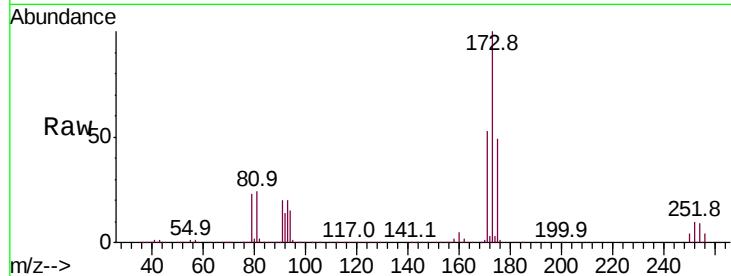
254 0.2 0.1 0.1#

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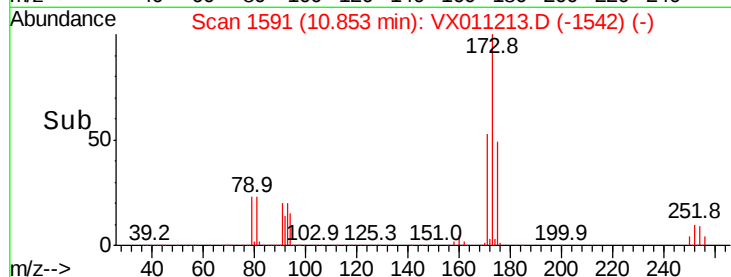
7/31/2019 10:53:59 AM



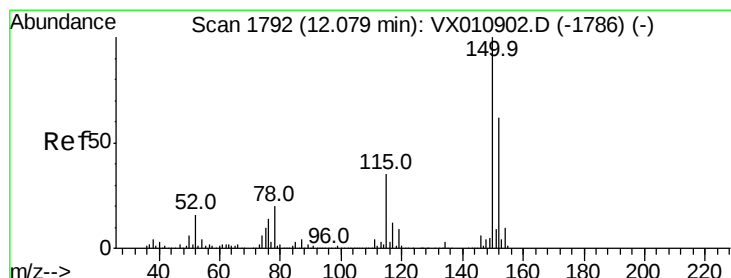
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

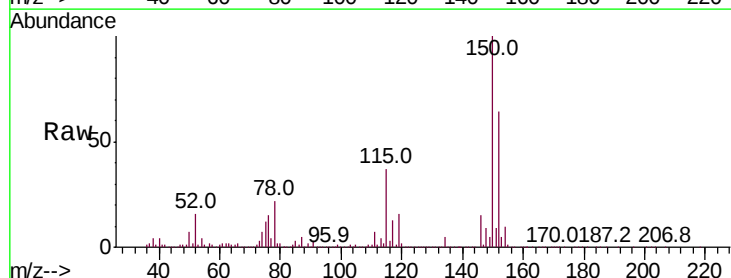
Tgt Ion:152 Resp: 150620

Ion Ratio Lower Upper

152 100

115 80.1 39.7 119.1

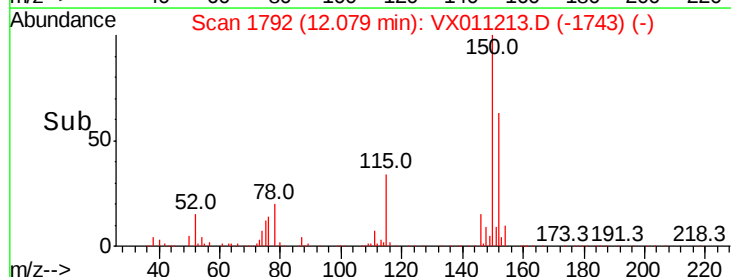
150 172.6 0.0 345.6



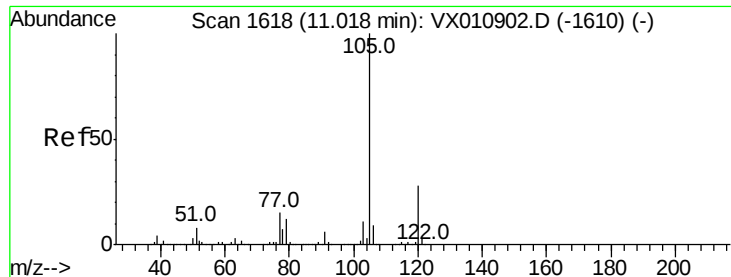
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 48.110 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 489636

Ion Ratio Lower Upper

105 100

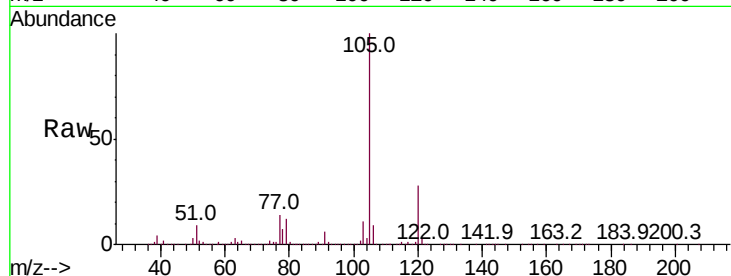
120 27.3 13.7 41.1

Manual Integrations

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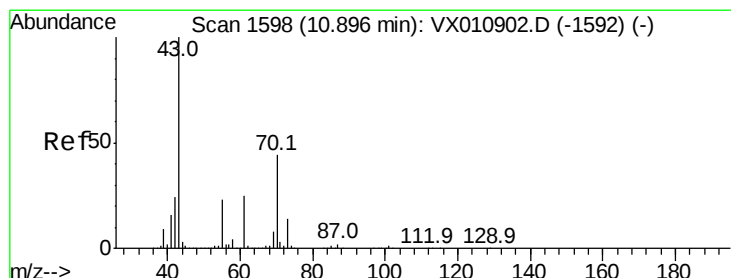
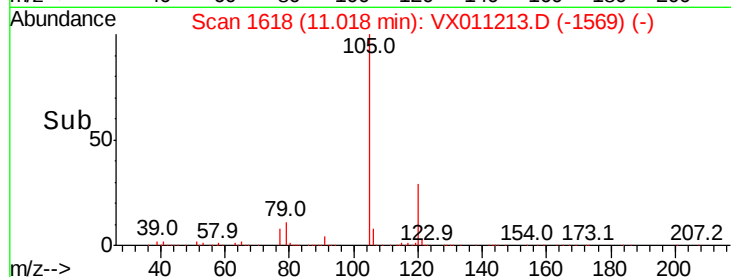
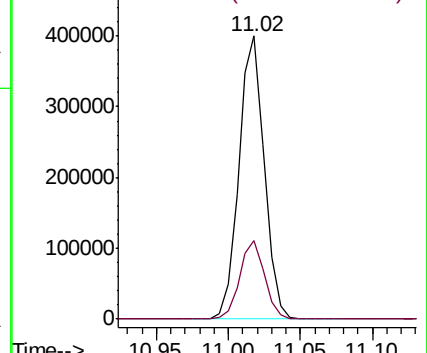
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.676 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion: 43 Resp: 197063

Ion Ratio Lower Upper

43 100

70 43.2 34.7 52.1

55 23.5 19.1 28.7

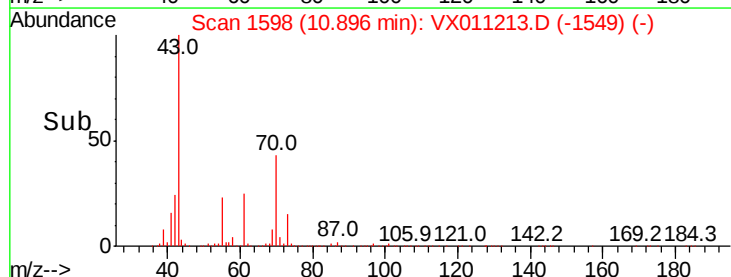
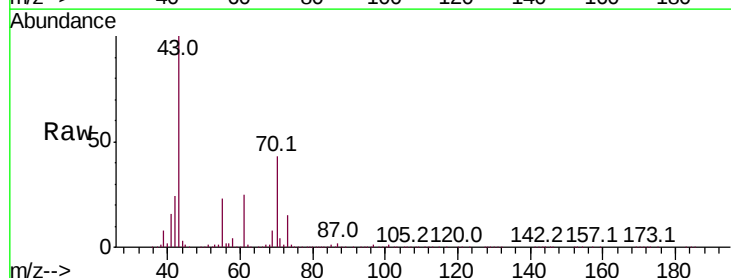
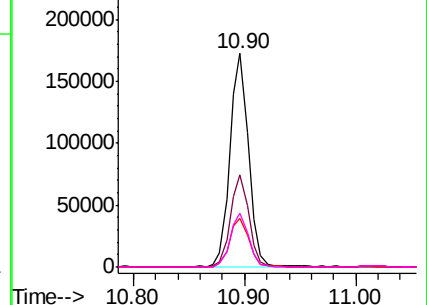
61 24.9 19.9 29.9

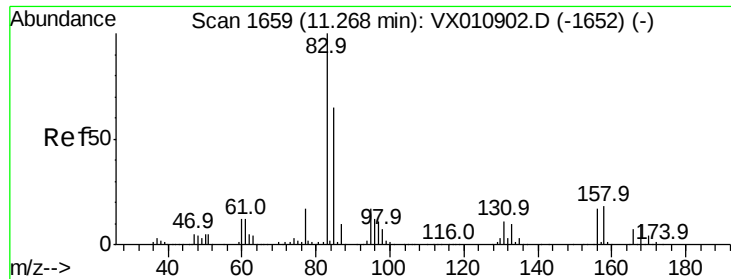
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.166 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

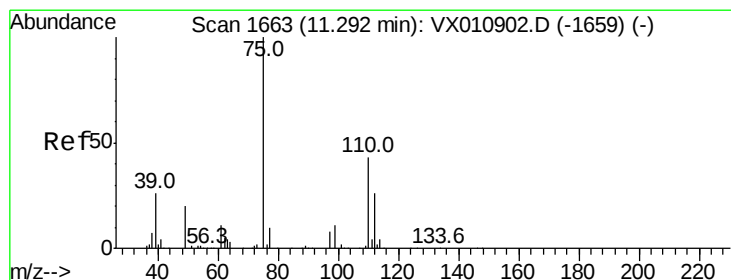
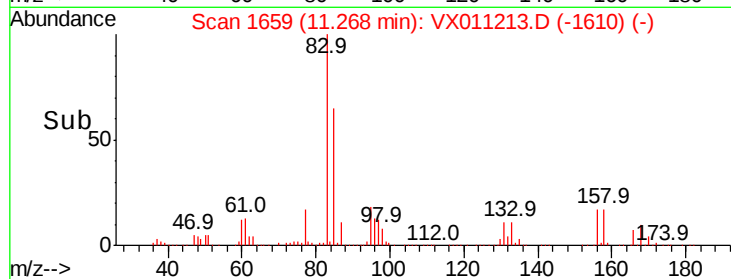
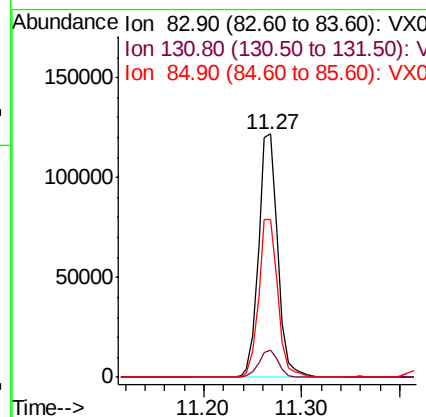
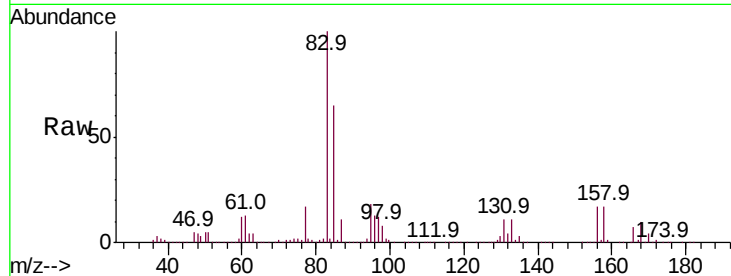
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163754
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.5	16.4
85	65.2	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.318 ug/l m

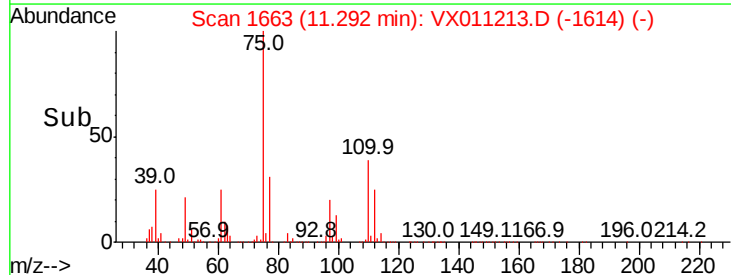
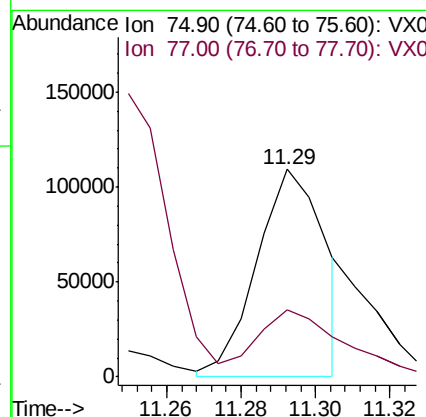
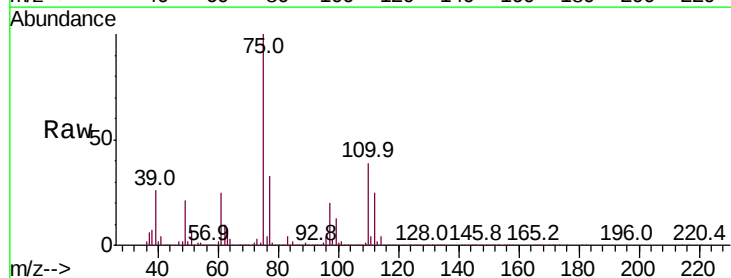
RT: 11.29 min Scan# 1663

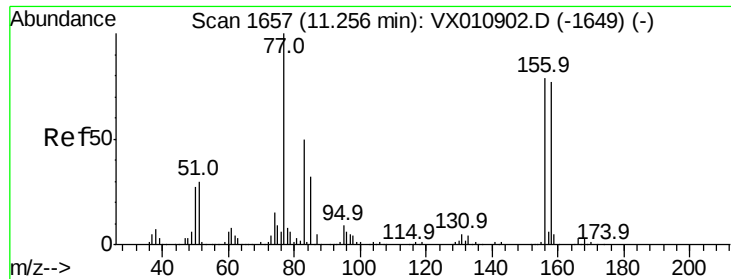
Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion:	75	Resp:	139483
Ion Ratio	Lower	Upper	
75	100		
77	41.0	21.3	64.0





#77

Bromobenzene

Concen: 47.688 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

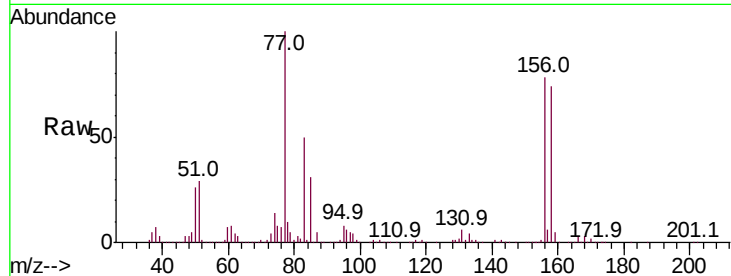
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	133872
Ion Ratio	Lower	Upper	
156	100		
77	142.4	68.7	206.1
158	98.0	47.9	143.7

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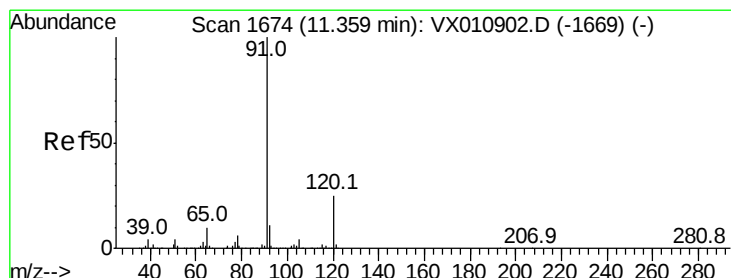
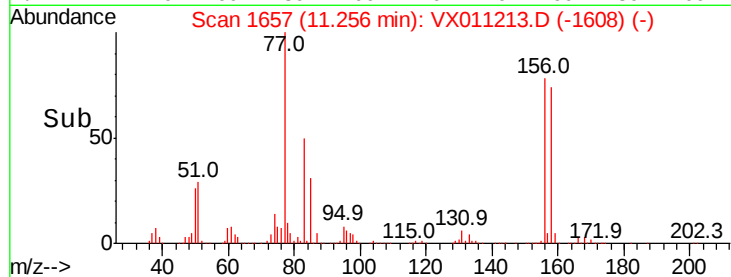
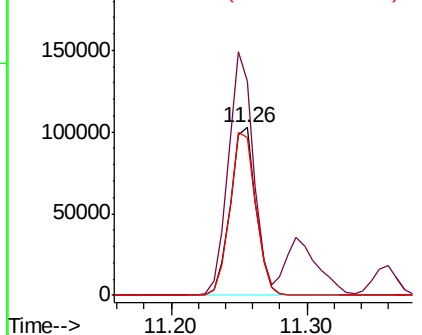


Abundance Ion 155.80 (155.50 to 156.50): V

200000

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.152 ug/l

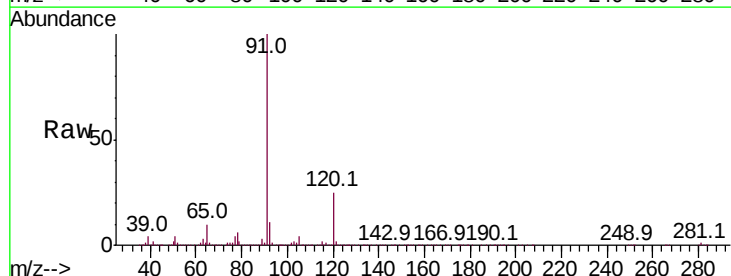
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

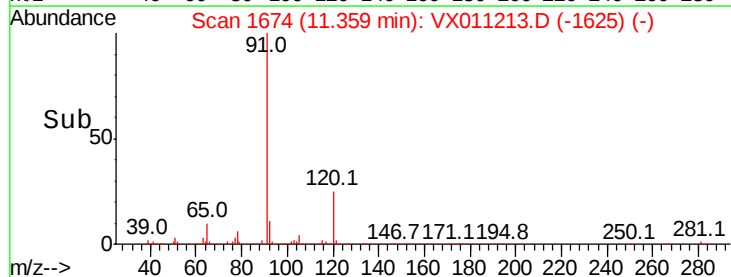
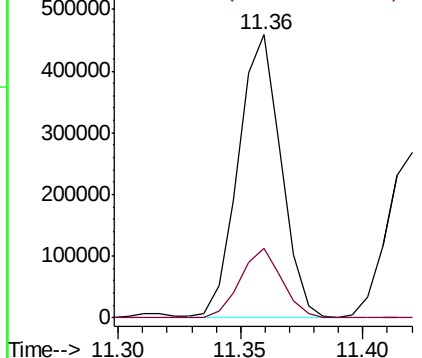
Tgt Ion:	91	Resp:	552718
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.3	36.8

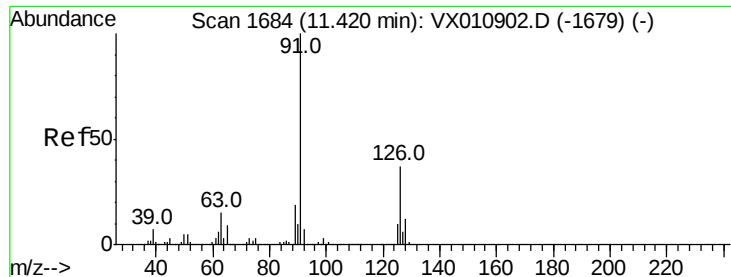


Abundance Ion 91.00 (90.70 to 91.70): VX0

500000

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.695 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 328944

Ion Ratio Lower Upper

91 100

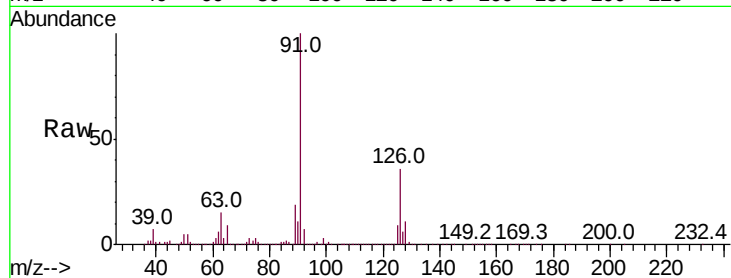
126 35.9 18.0 54.0

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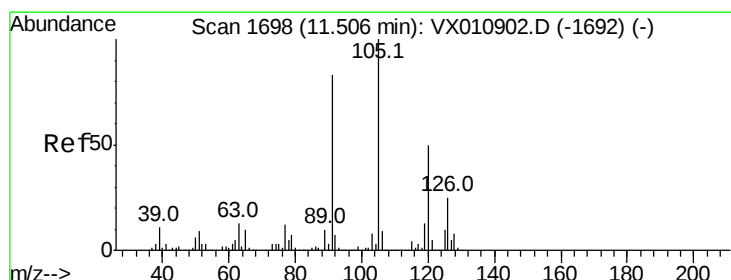
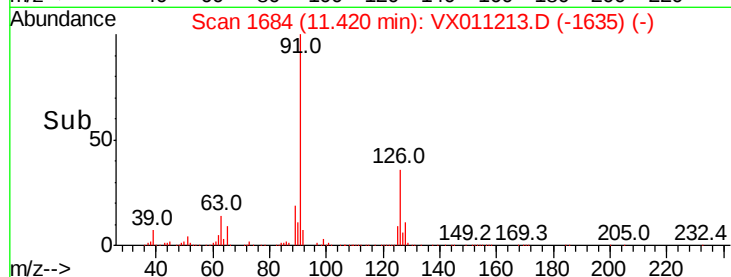
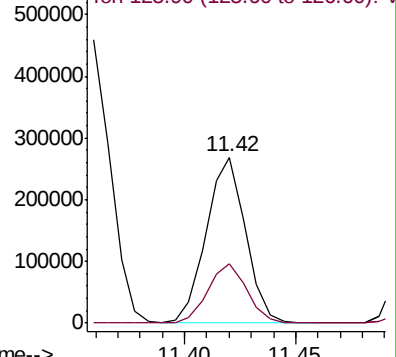
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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.551 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011213.D

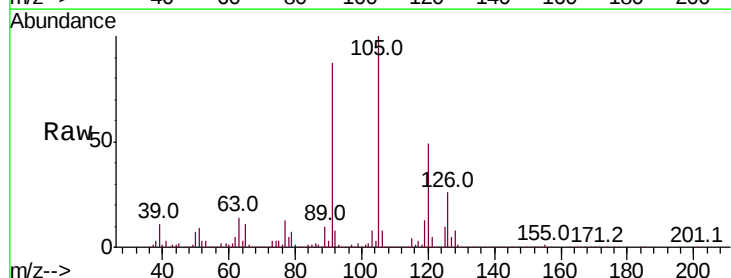
Acq: 30 Jul 2019 22:21

Tgt Ion: 105 Resp: 421390

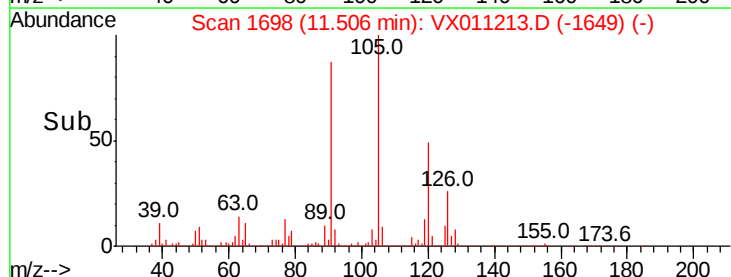
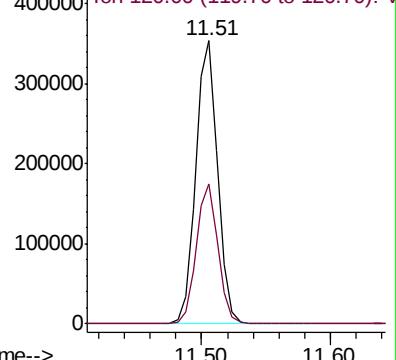
Ion Ratio Lower Upper

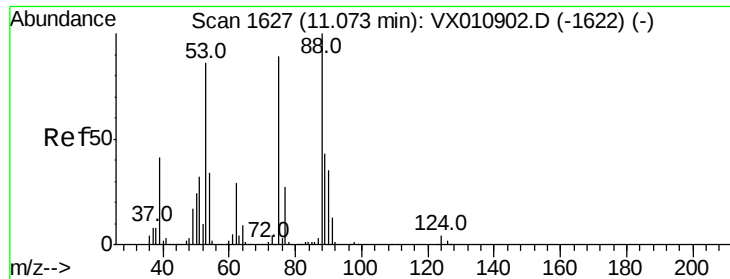
105 100

120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.375 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 43587

Ion Ratio Lower Upper

75 100

53 103.0 76.7 115.1

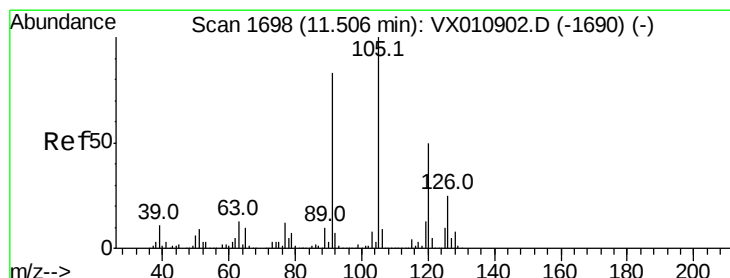
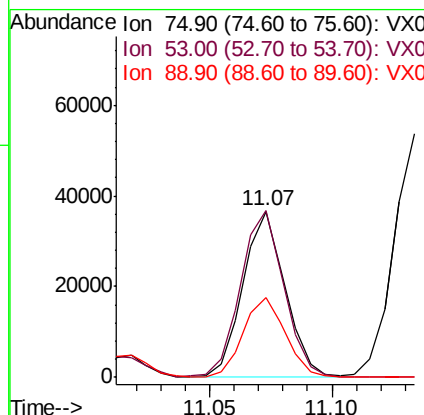
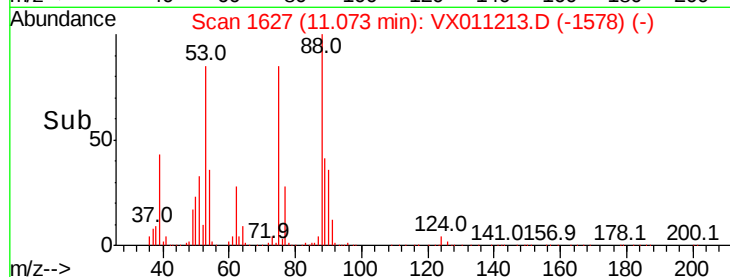
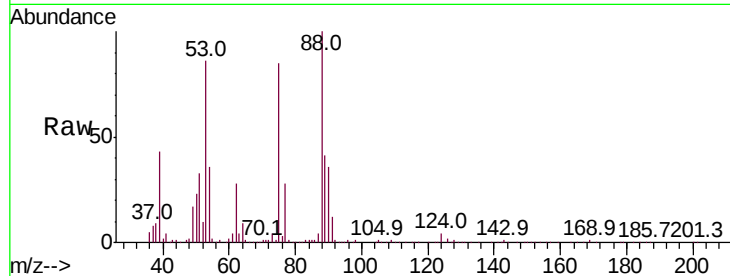
89 49.0 38.5 57.7

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#82

4-Chlorotoluene

Concen: 49.728 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011213.D

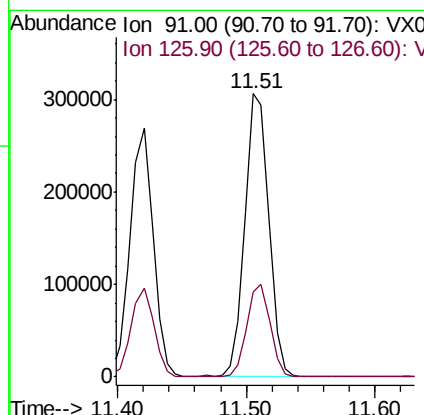
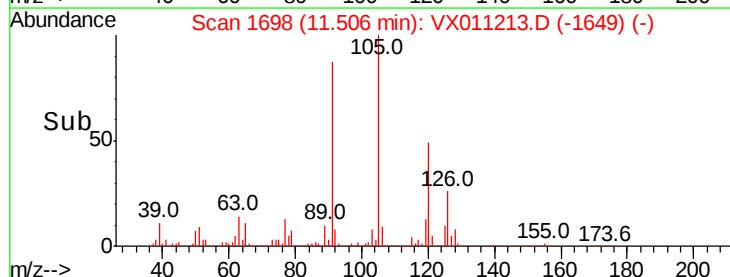
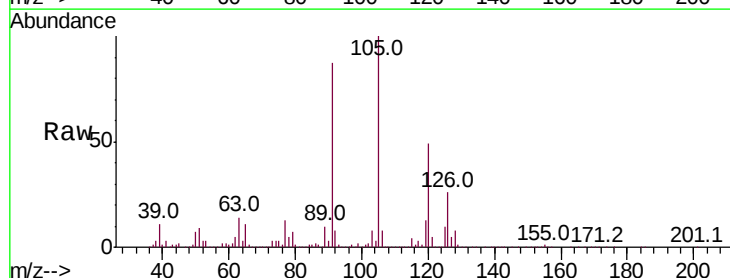
Acq: 30 Jul 2019 22:21

Tgt Ion: 91 Resp: 390981

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7





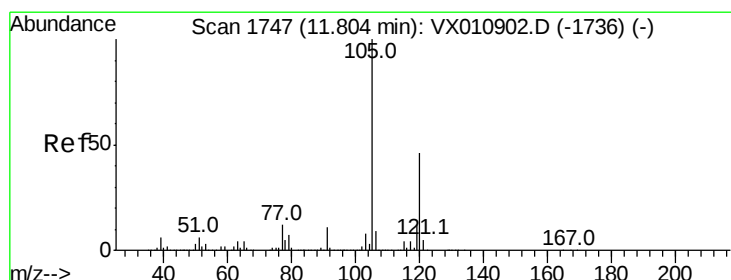
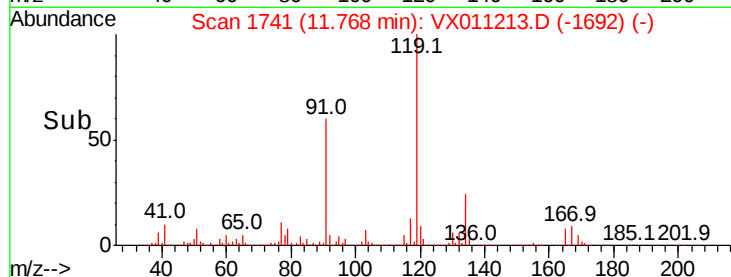
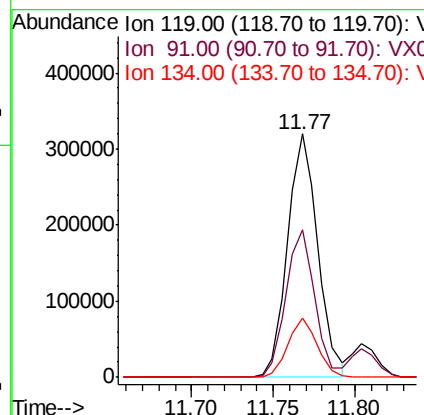
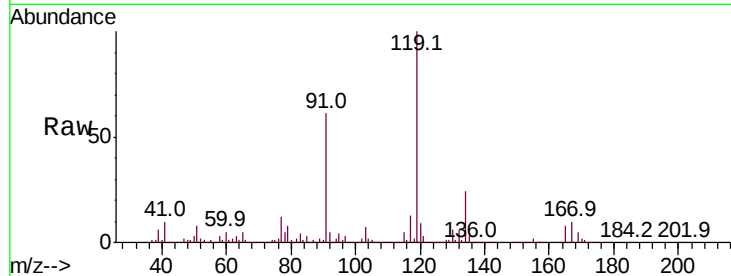
#83
tert-Butylbenzene
Concen: 49.534 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.6	85.8
134	23.5	11.6	34.8

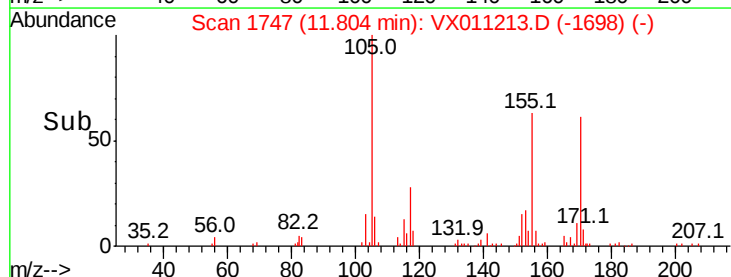
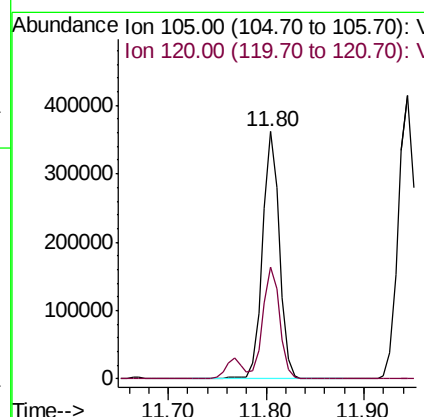
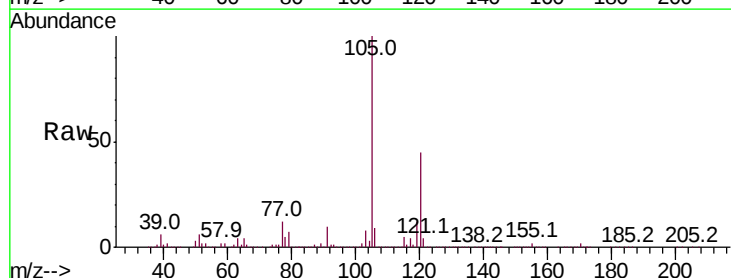
Manual Integrations
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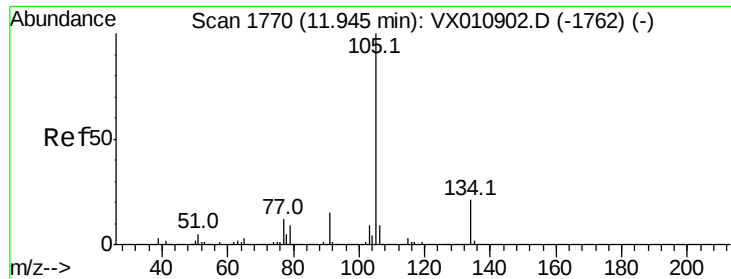
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#84
1,2,4-Trimethylbenzene
Concen: 50.029 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.449 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 493786

Ion Ratio Lower Upper

105 100

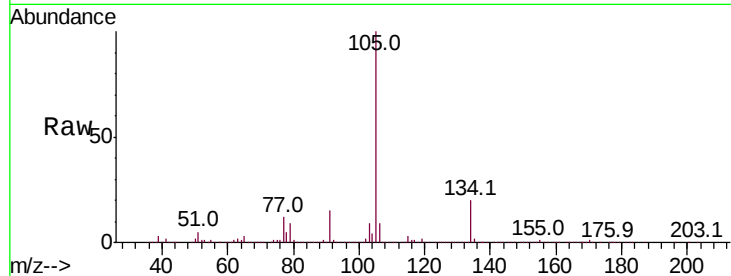
134 20.3 10.4 31.4

Manual Integrations

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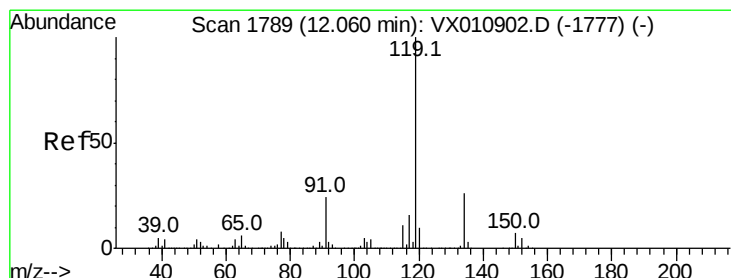
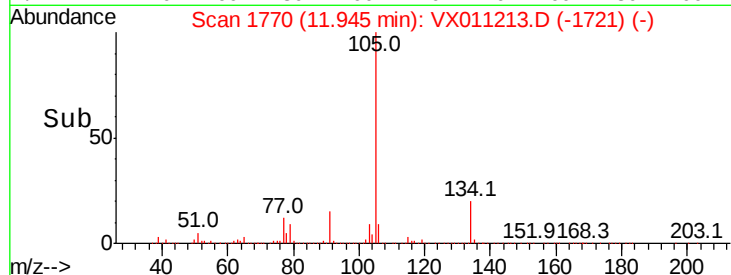
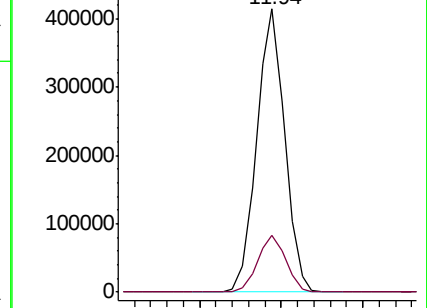
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.733 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

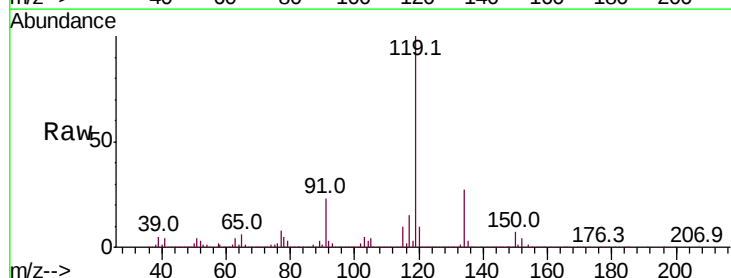
Tgt Ion:119 Resp: 459072

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

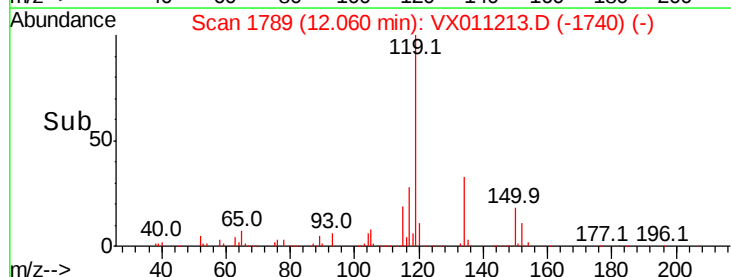
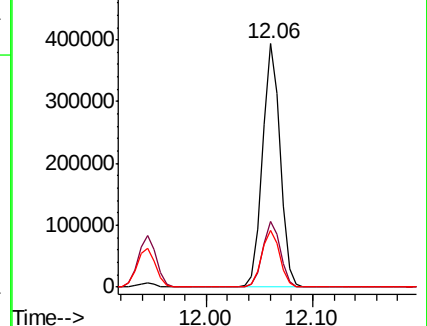
91 23.8 11.8 35.4

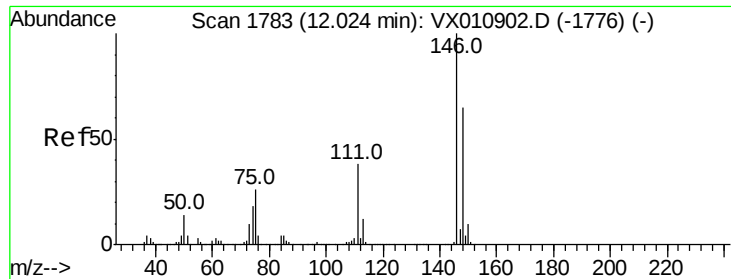


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.961 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Instrument :

MSVOA_X

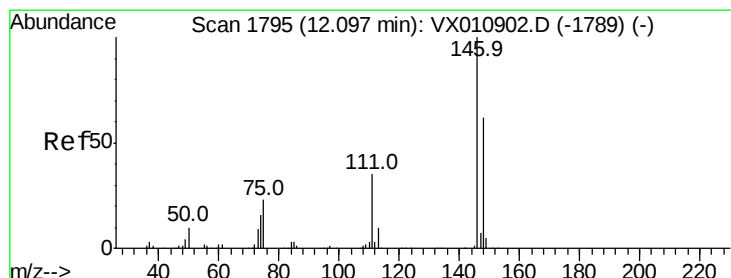
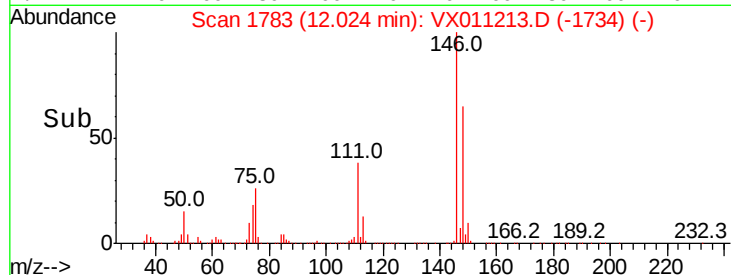
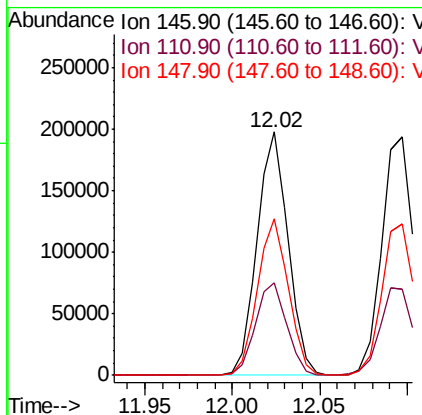
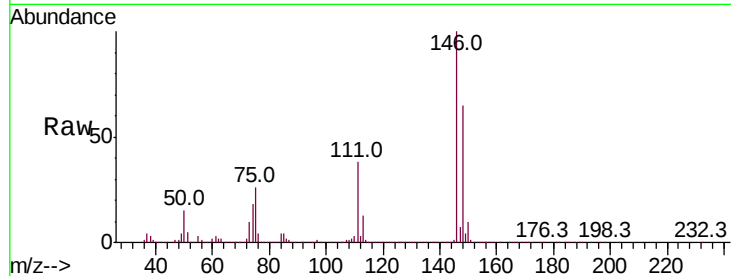
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	243399
Ion Ratio	Lower	Upper	
146	100		
111	38.5	18.9	56.9
148	64.2	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 48.860 ug/l

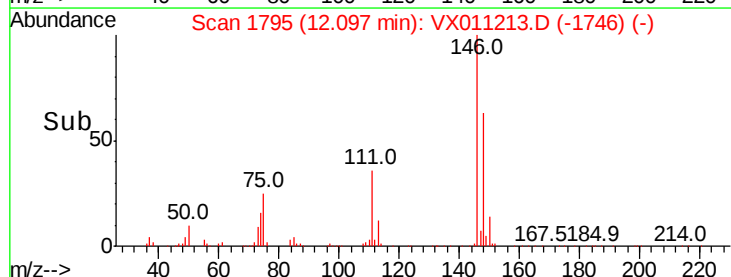
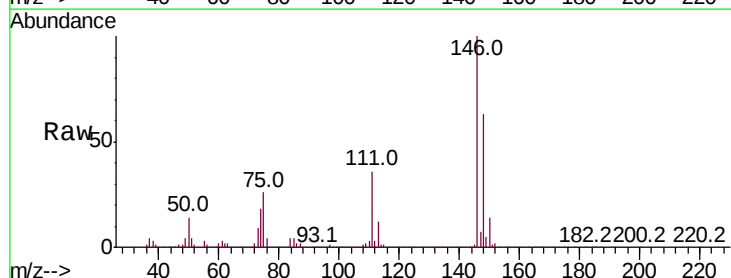
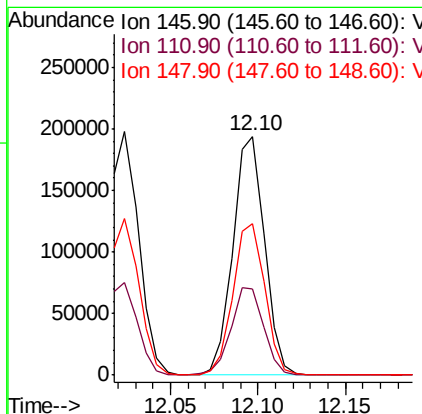
RT: 12.10 min Scan# 1795

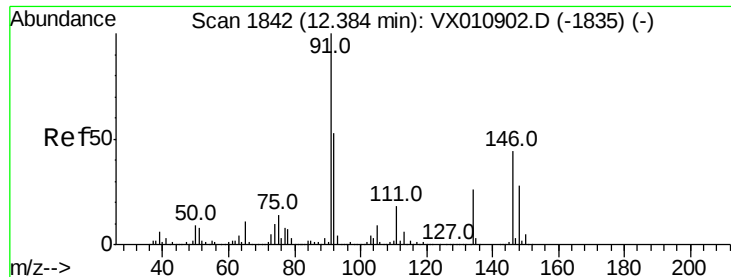
Delta R.T. -0.00 min

Lab File: VX011213.D

Acq: 30 Jul 2019 22:21

Tgt Ion:	146	Resp:	244131
Ion Ratio	Lower	Upper	
146	100		
111	38.1	18.6	55.8
148	63.9	31.6	94.7





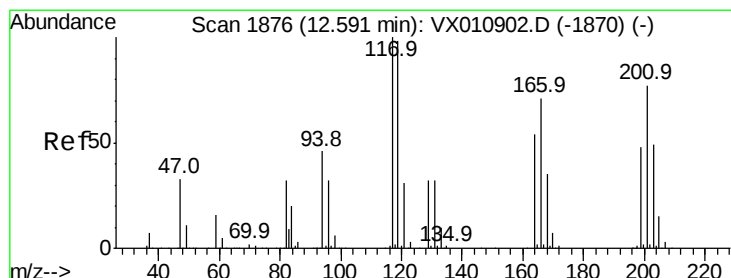
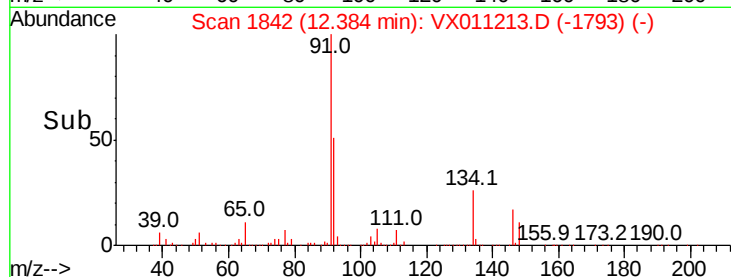
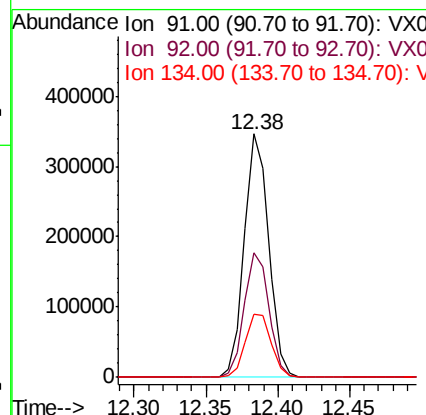
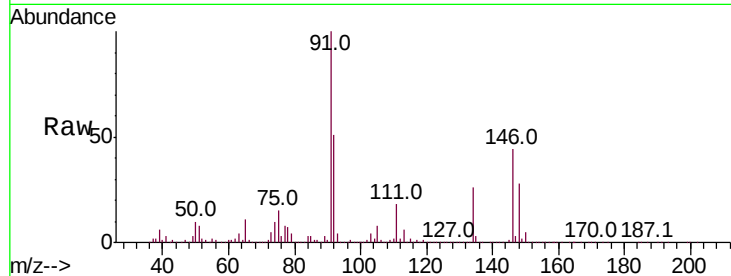
#89
n-Butylbenzene
Concen: 52.507 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.5
134	27.6	13.8	41.3

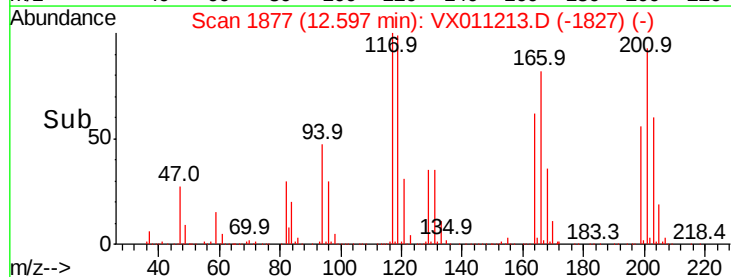
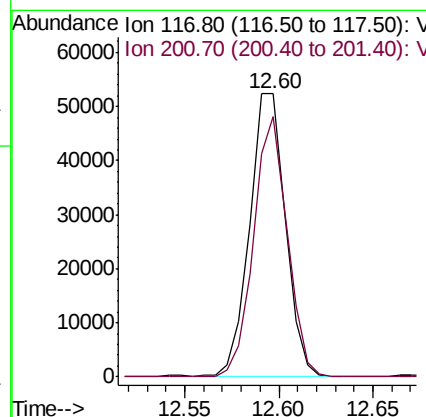
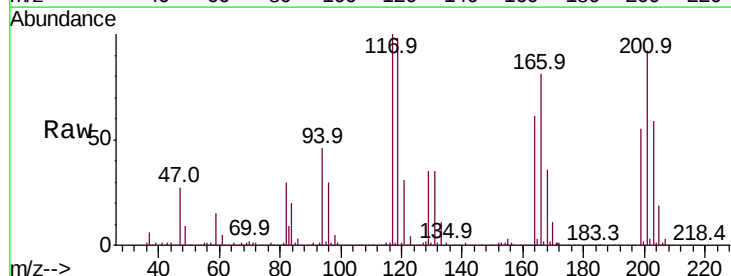
Manual Integrations
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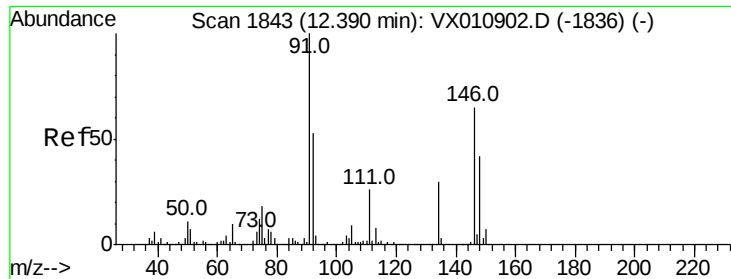
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#90
Hexachloroethane
Concen: 48.300 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	43.3	129.8





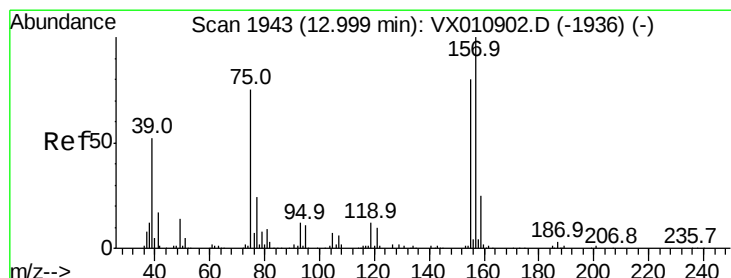
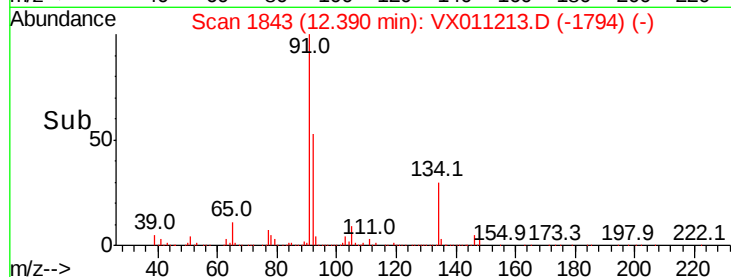
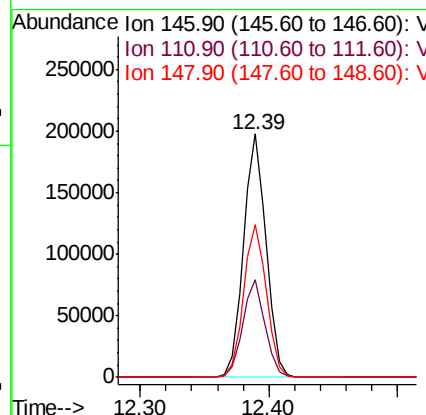
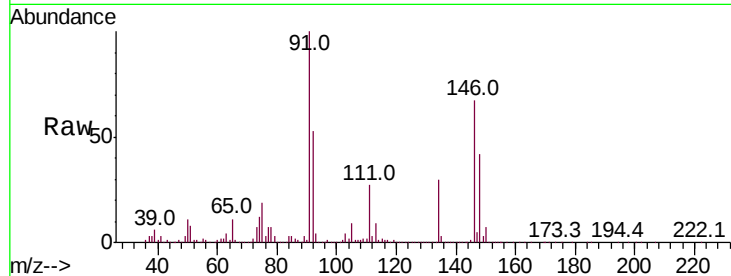
#91
 1,2-Dichlorobenzene
 Concen: 49.342 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	63.7	32.0	96.2

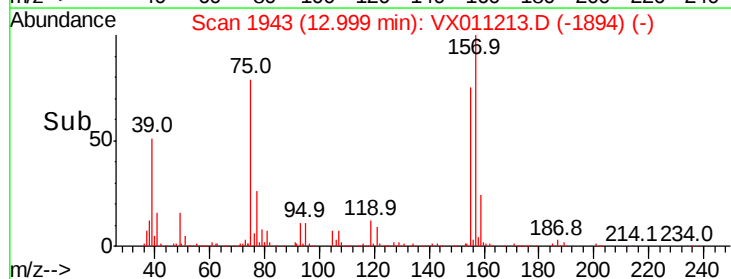
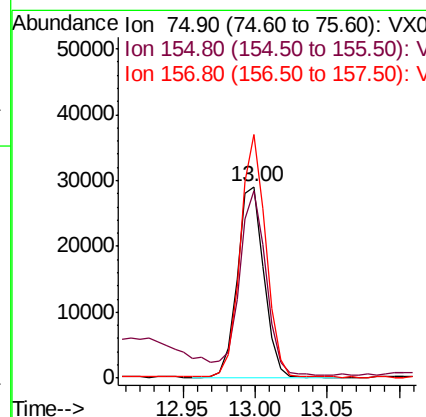
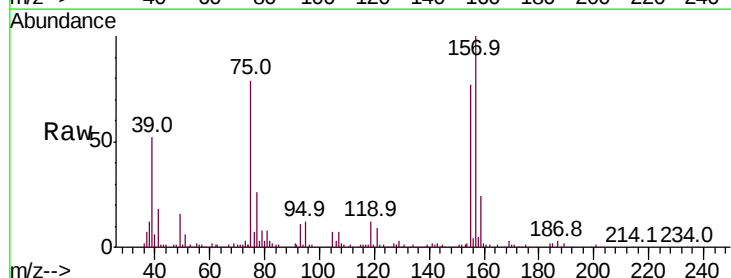
Manual Integrations
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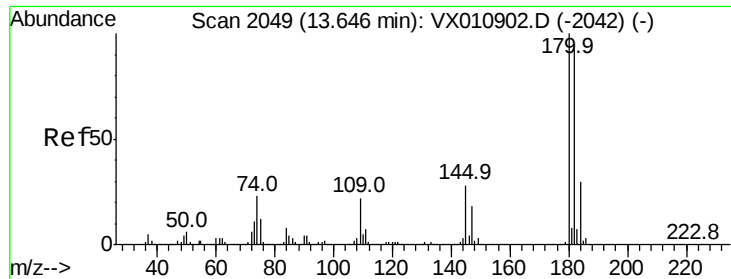
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.716 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.7	146.1
157	120.5	62.5	187.6





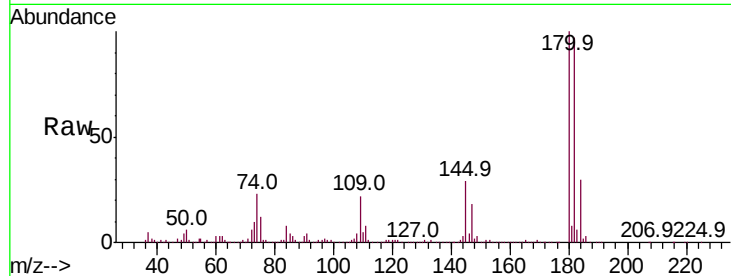
#93
 1,2,4-Trichlorobenzene
 Concen: 53.920 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

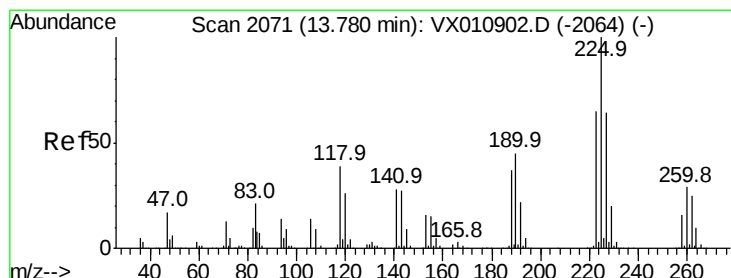
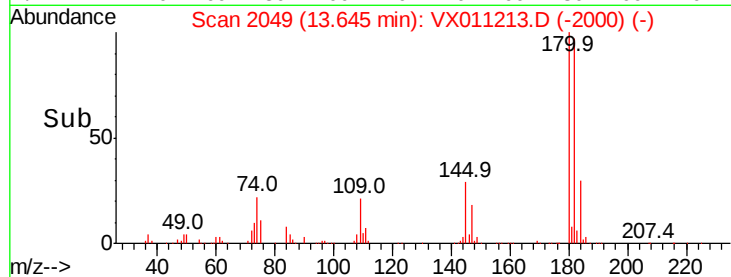
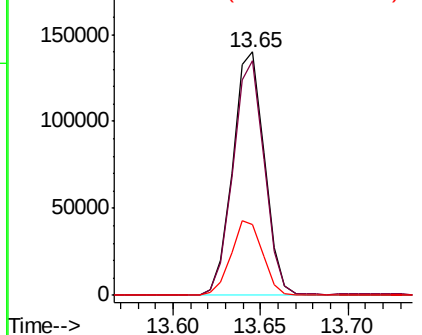
Tot Ion:	180	Resp:	176435
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.1	141.3
145	30.6	14.8	44.4

Manual Integrations
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 7/31/2019 10:53:59 AM

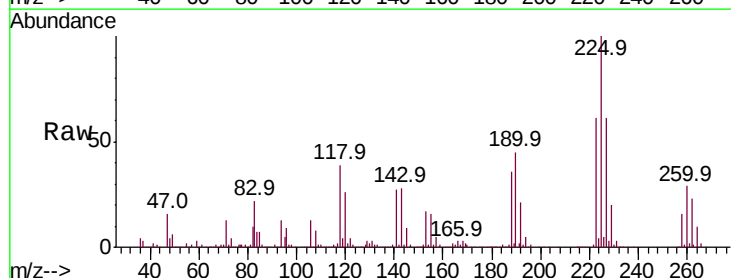


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

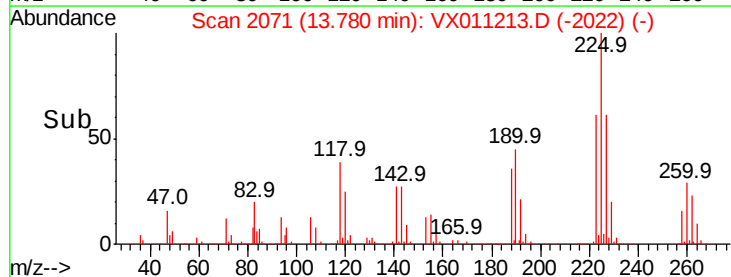
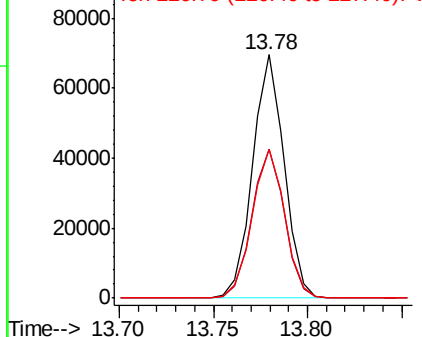


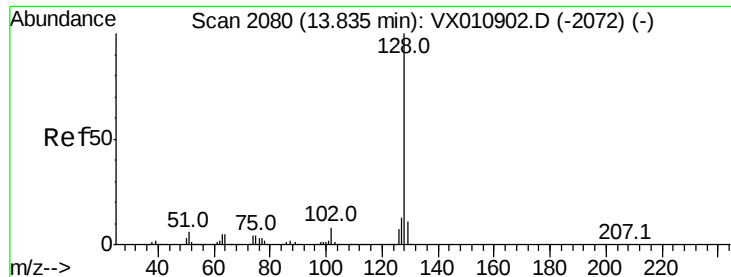
#94
 Hexachlorobutadiene
 Concen: 49.632 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011213.D
 Acq: 30 Jul 2019 22:21

Tgt Ion:	225	Resp:	80481
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.9	95.9
227	63.4	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





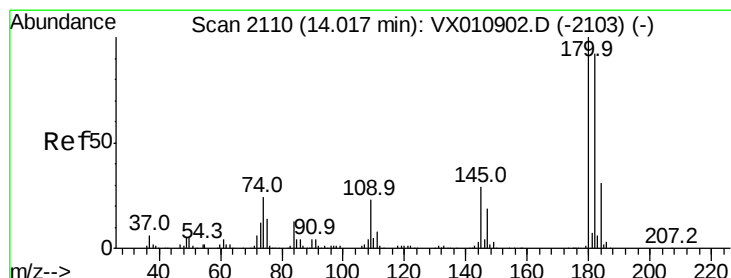
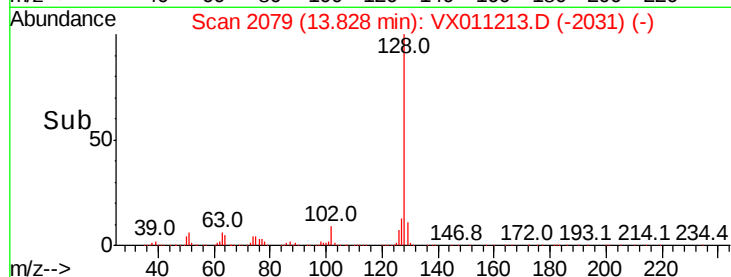
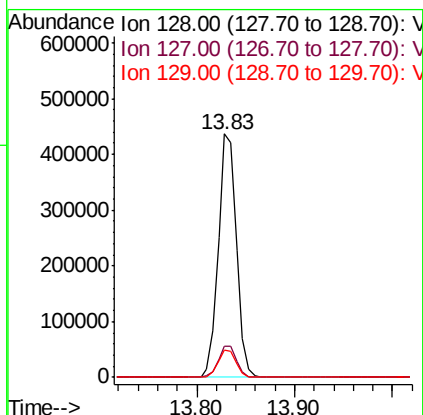
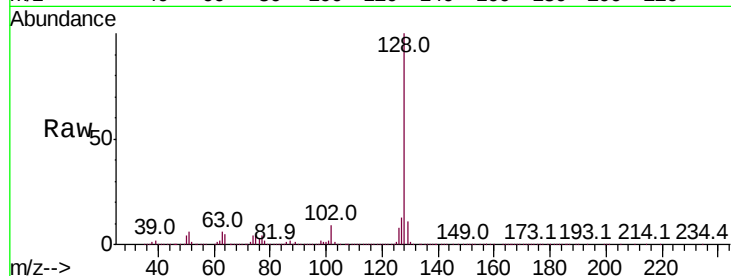
#95
Naphthalene
Concen: 57.671 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.679 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011213.D
Acq: 30 Jul 2019 22:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.3
145	32.5	15.1	45.3

