

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010267.D
 Acq On : 13 Jun 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:24 AM

Quant Time: Jun 14 03:43:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	314620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	456846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135644	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
35) Dibromofluoromethane	5.49	113	138964	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	519373	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	192032	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144560	49.935	ug/l	99
3) Chloromethane	1.32	50	131797	45.842	ug/l	98
4) Vinyl Chloride	1.41	62	143719	53.188	ug/l	98
5) Bromomethane	1.64	94	59740	58.588	ug/l	98
6) Chloroethane	1.71	64	84348	61.914	ug/l	97
7) Trichlorofluoromethane	1.92	101	223305	55.634	ug/l	98
8) Diethyl Ether	2.19	74	77762	56.210	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132382	47.847	ug/l	92
10) Methyl Iodide	2.51	142	190624	44.468	ug/l	97
11) Tert butyl alcohol	3.05	59	168329	223.746	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126113	44.626	ug/l #	77
13) Acrolein	2.29	56	39229	285.970	ug/l	96
14) Allyl chloride	2.73	41	189086	44.327	ug/l #	88
15) Acrylonitrile	3.14	53	360238	234.266	ug/l	98
16) Acetone	2.44	43	406426	281.373	ug/l #	89
17) Carbon Disulfide	2.57	76	330670	40.496	ug/l	99
18) Methyl Acetate	2.77	43	150337	47.326	ug/l #	85
19) Methyl tert-butyl Ether	3.19	73	415500	45.765	ug/l	94
20) Methylene Chloride	2.85	84	144155	45.443	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	135992	43.484	ug/l #	78
22) Diisopropyl ether	3.85	45	389539	47.762	ug/l #	84
23) Vinyl Acetate	3.81	43	1720378	236.450	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	224911	45.420	ug/l	96
25) 2-Butanone	4.67	43	550398	255.892	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	204084	45.176	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	162063	46.582	ug/l	79
28) Bromochloromethane	5.01	49	101737	45.842	ug/l #	49
29) Tetrahydrofuran	5.12	42	313980	232.277	ug/l #	76
30) Chloroform	5.21	83	239169	46.507	ug/l	99
31) Cyclohexane	5.57	56	206686	46.248	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	216822	44.847	ug/l	93
36) 1,1-Dichloropropene	5.80	75	175695	47.139	ug/l	92
37) Ethyl Acetate	4.83	43	185400	47.808	ug/l #	93
38) Carbon Tetrachloride	5.78	117	199117	47.199	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242795	47.839	ug/l #	84
40) Benzene	6.13	78	557768	48.396	ug/l	98
41) Methacrylonitrile	5.04	41	100801	48.052	ug/l #	85
42) 1,2-Dichloroethane	6.18	62	170753	46.408	ug/l	93
43) Isopropyl Acetate	6.44	43	304805	47.009	ug/l #	89
44) Trichloroethene	7.21	130	167903	48.331	ug/l	88
45) 1,2-Dichloropropane	7.51	63	143185	49.637	ug/l	96
46) Dibromomethane	7.66	93	102524	47.440	ug/l	91
47) Bromodichloromethane	7.89	83	194308	48.117	ug/l	98
48) Methyl methacrylate	7.76	41	144467	47.641	ug/l #	76
49) 1,4-Dioxane	7.74	88	80686	933.253	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	976485	252.091	ug/l	90
52) Toluene	8.78	92	366758	48.411	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	218541	46.787	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	235095	46.949	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	154817	49.898	ug/l	95
56) Ethyl methacrylate	9.18	69	239695	48.906	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	235598	48.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	535173	231.623	ug/l #	86
59) 2-Hexanone	9.49	43	796410	257.870	ug/l	88
60) Dibromochloromethane	9.58	129	181365	49.419	ug/l	99
61) 1,2-Dibromoethane	9.67	107	166540	48.194	ug/l	99
64) Tetrachloroethene	9.34	164	156866	50.978	ug/l	95
65) Chlorobenzene	10.13	112	425093	49.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161102	48.991	ug/l	99
67) Ethyl Benzene	10.25	91	721234	49.546	ug/l	95
68) m/p-Xylenes	10.35	106	559574	99.338	ug/l	89
69) o-Xylene	10.69	106	276017	49.293	ug/l	88
70) Styrene	10.71	104	475179	50.105	ug/l	94
71) Bromoform	10.85	173	146882	48.587	ug/l #	99
73) Isopropylbenzene	11.02	105	734402	48.631	ug/l	95
74) N-amyl acetate	10.90	43	277606	46.503	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	240902	46.602	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	202632m	46.829	ug/l	
77) Bromobenzene	11.26	156	200887	48.373	ug/l	81
78) n-propylbenzene	11.36	91	829779	49.355	ug/l	95
79) 2-Chlorotoluene	11.42	91	481372	47.673	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	613395	48.225	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	89907	45.907	ug/l #	84
82) 4-Chlorotoluene	11.51	91	554614	48.352	ug/l	91
83) tert-Butylbenzene	11.77	119	624934	48.542	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	621144	48.346	ug/l	94
85) sec-Butylbenzene	11.94	105	743414	49.565	ug/l	96
86) p-Isopropyltoluene	12.06	119	686075	50.036	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	360862	49.333	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	356938	48.406	ug/l	98
89) n-Butylbenzene	12.38	91	592703	50.217	ug/l	97
90) Hexachloroethane	12.59	117	128786	47.150	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	349852	49.196	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50490	41.506	ug/l	62

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VSTDCCC050

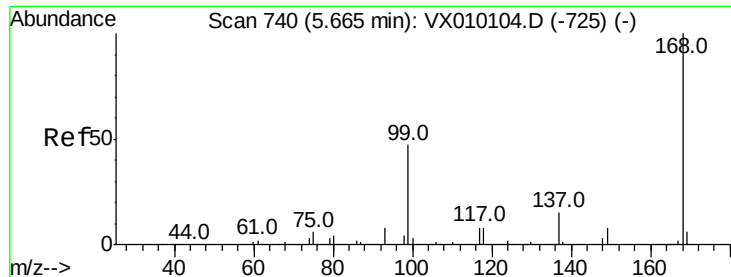
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256184	49.214	ug/l	100
94) Hexachlorobutadiene	13.78	225	124770	53.895	ug/l	99
95) Naphthalene	13.83	128	787770	48.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252853	49.127	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. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 314620

Ion Ratio Lower Upper

168 100

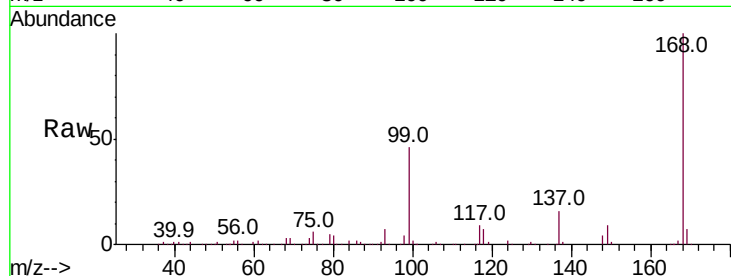
99 45.7 43.0 64.6

Manual Integrations

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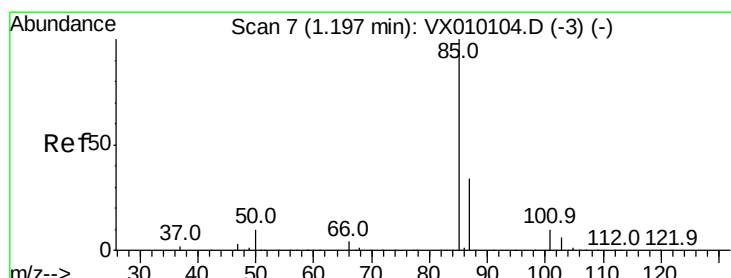
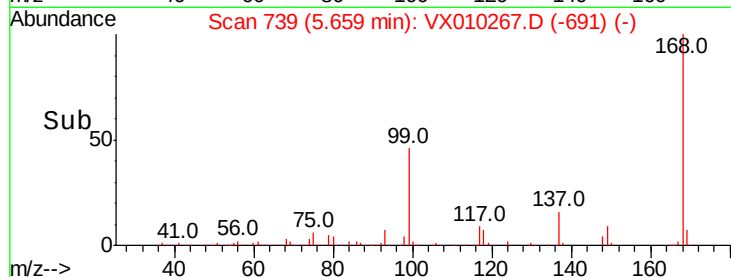
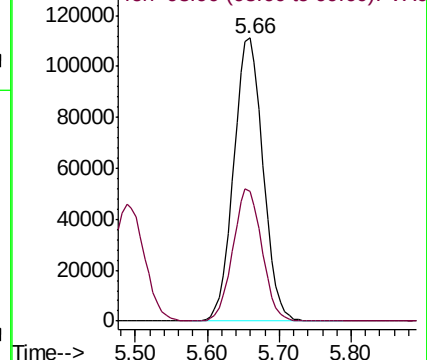
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.935 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010267.D

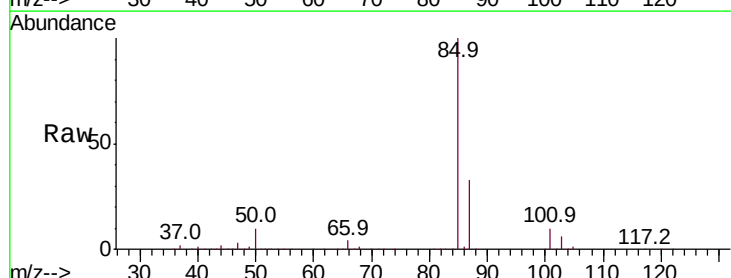
Acq: 13 Jun 2019 09:57

Tgt Ion: 85 Resp: 144560

Ion Ratio Lower Upper

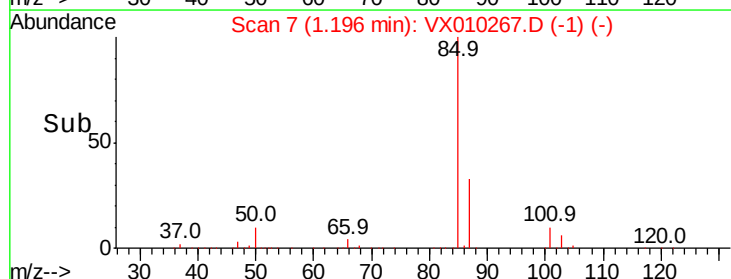
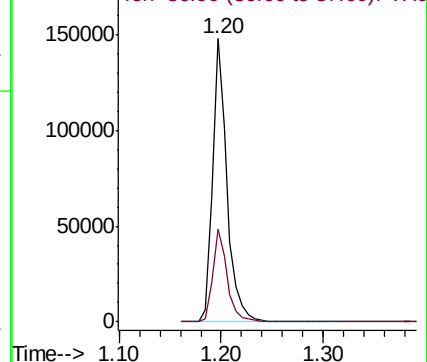
85 100

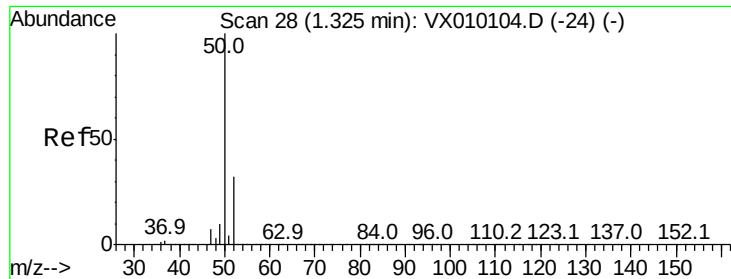
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.842 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 131797

Ion Ratio Lower Upper

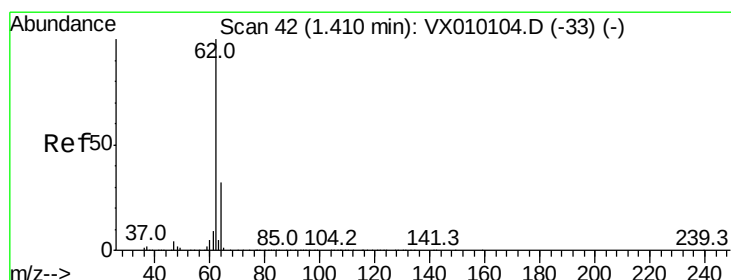
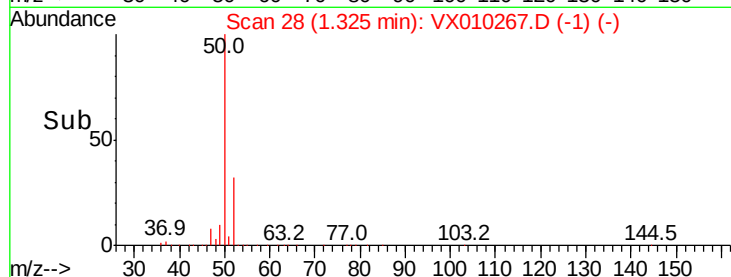
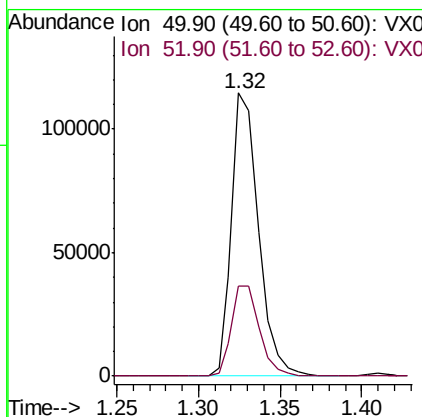
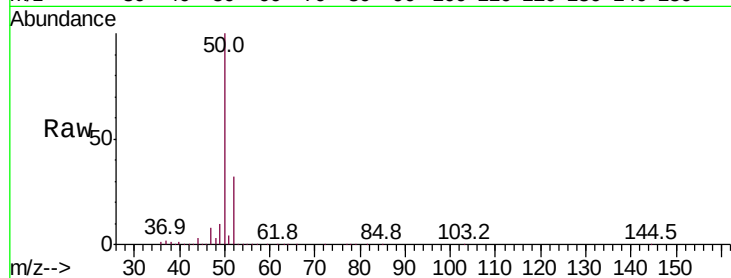
50 100

52 31.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 53.188 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010267.D

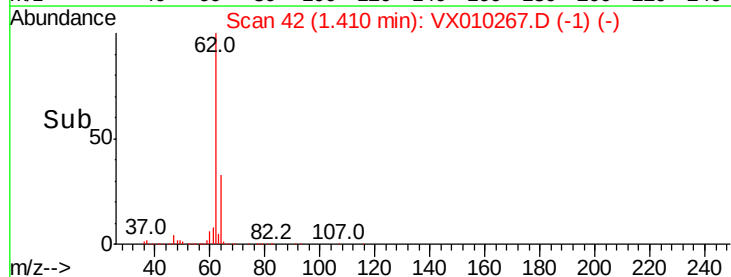
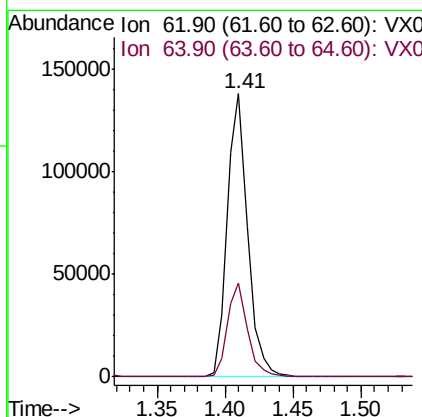
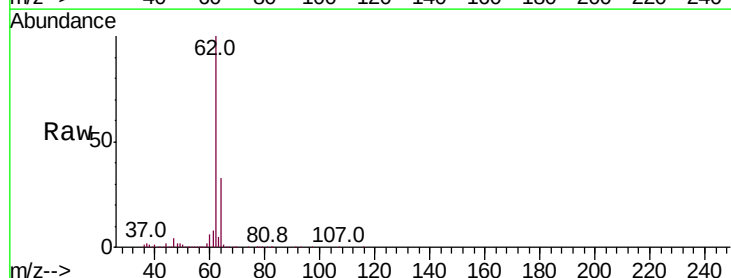
Acq: 13 Jun 2019 09:57

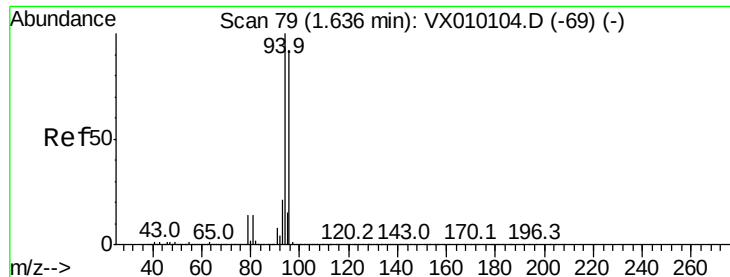
Tgt Ion: 62 Resp: 143719

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5





#5

Bromomethane

Concen: 58.588 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59740

Ion Ratio Lower Upper

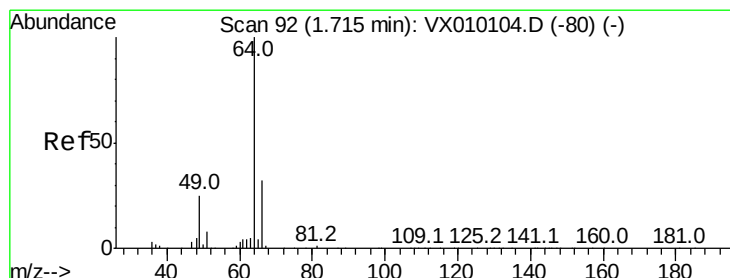
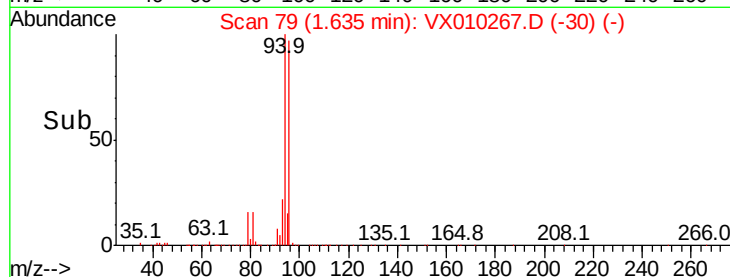
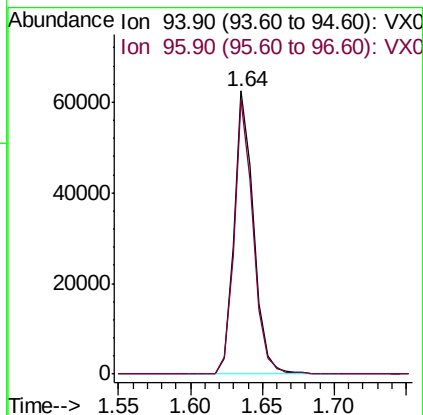
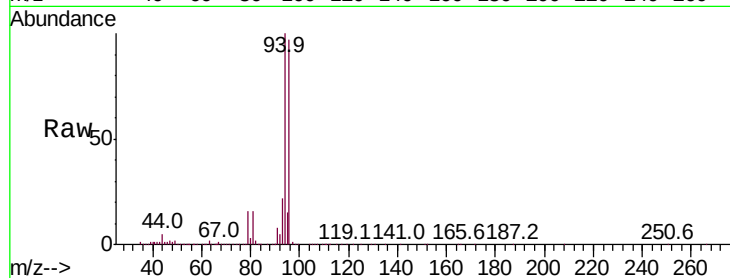
94 100

96 97.0 76.2 114.4

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#6

Chloroethane

Concen: 61.914 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010267.D

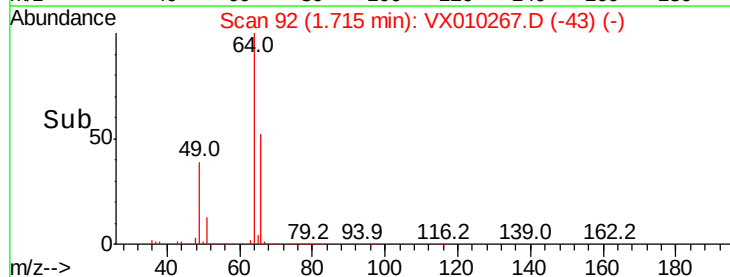
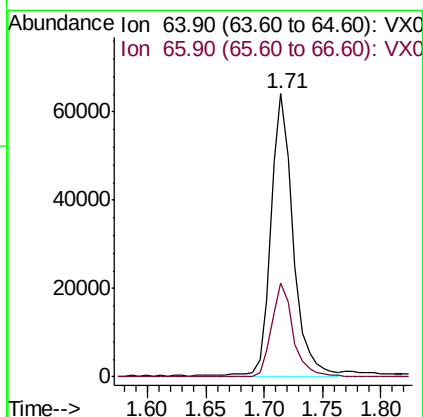
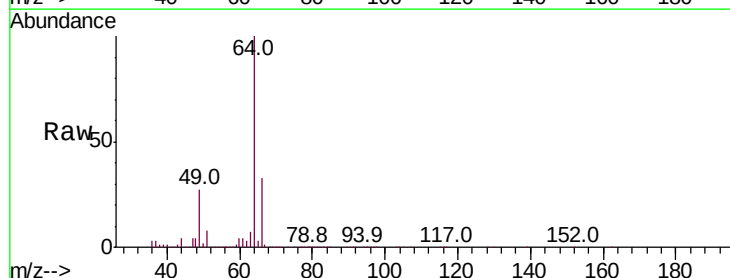
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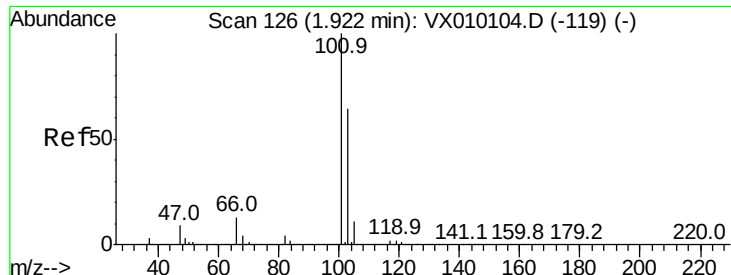
Tgt Ion: 64 Resp: 84348

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7





#7

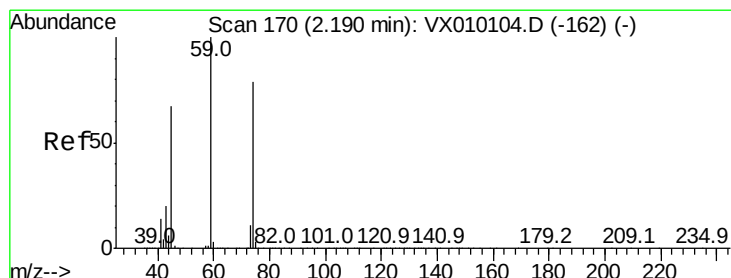
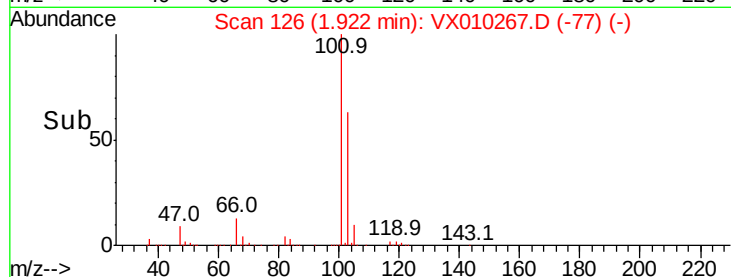
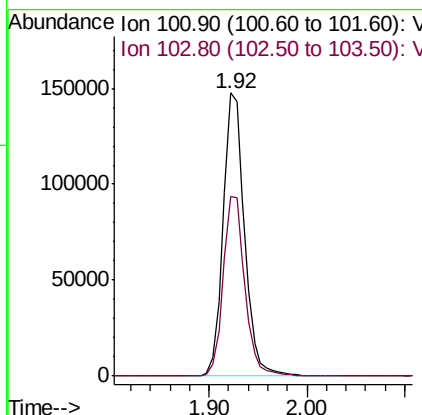
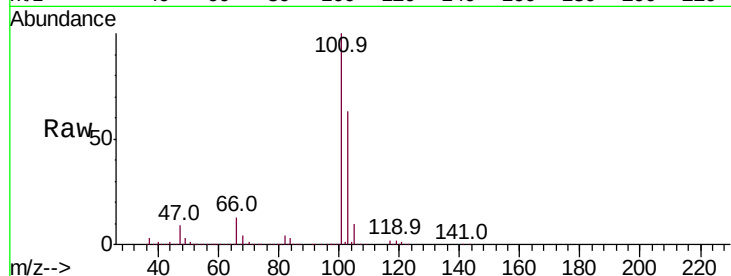
Trichlorofluoromethane
Concen: 55.634 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.2	78.4

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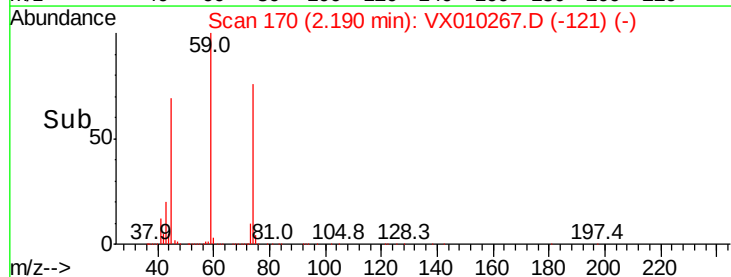
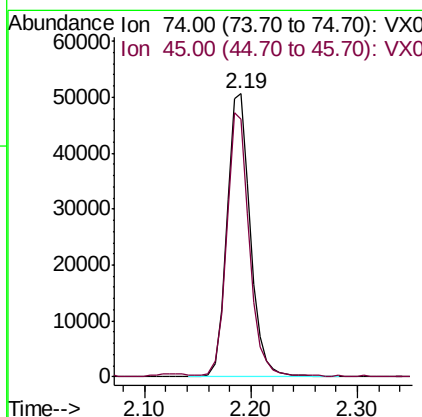
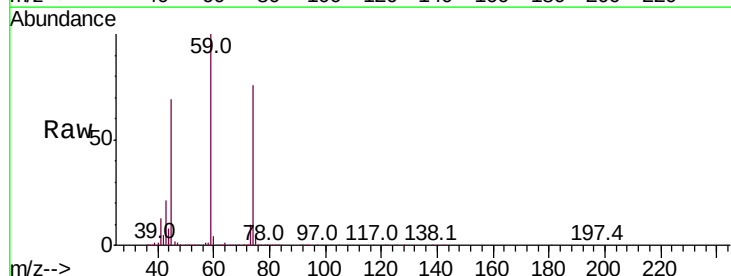
MMDadoda
6/14/2019 9:17:24 AM

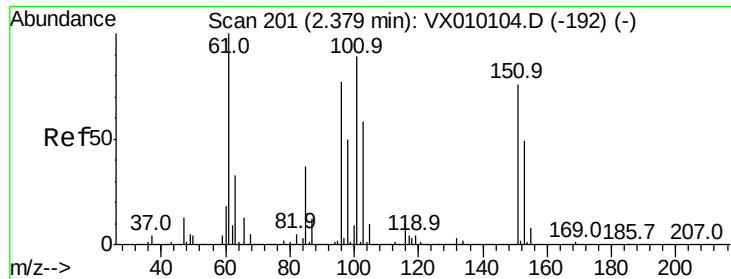


#8

Diethyl Ether
Concen: 56.210 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	56.1	168.3





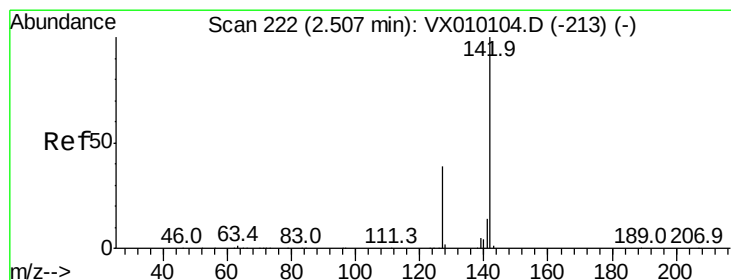
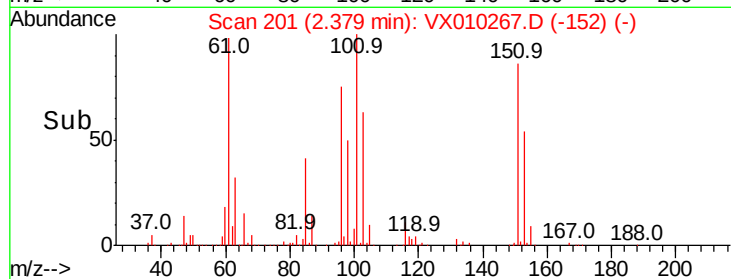
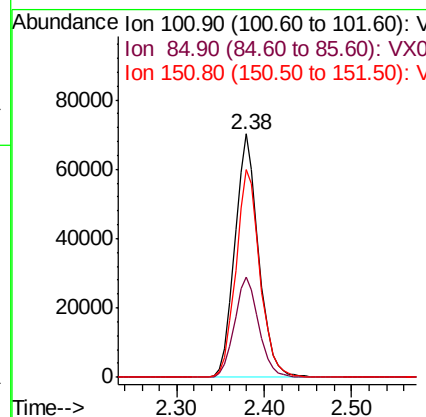
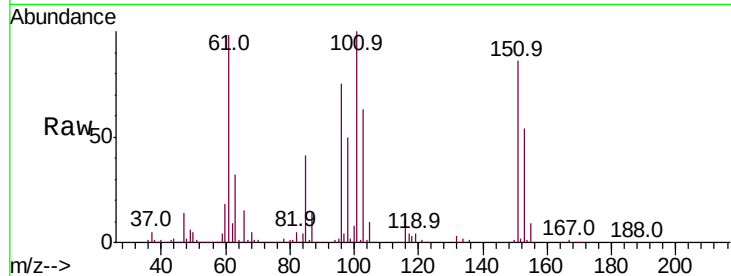
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.847 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	132382		
85	42.1	35.2	52.8	
151	86.7	61.9	92.9	

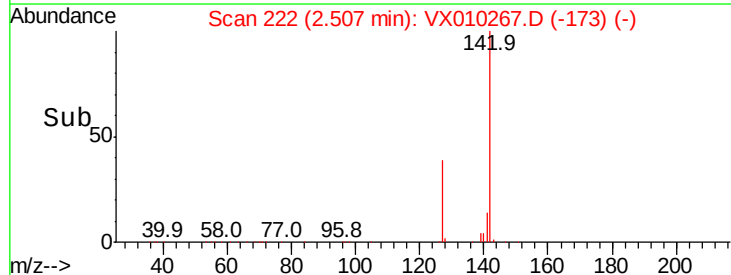
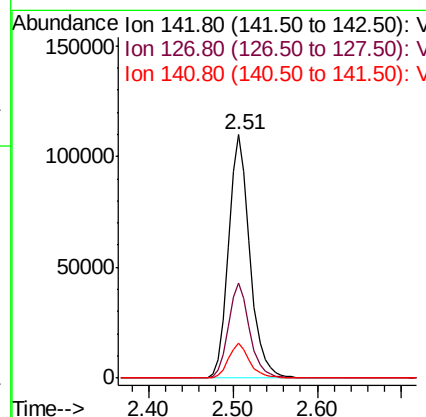
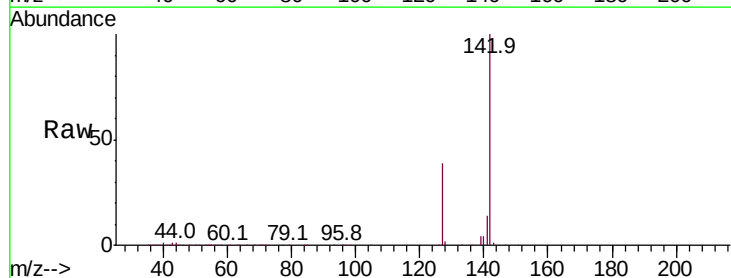
Manual Integrations
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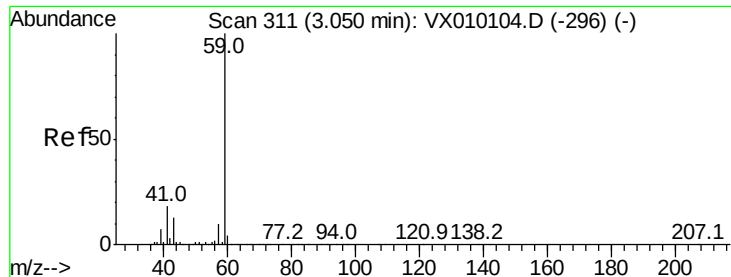
MMDadoda
6/14/2019 9:17:24 AM



#10
Methyl Iodide
Concen: 44.468 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	190624		
127	39.1	33.0	49.4	
141	14.1	11.4	17.0	





#11

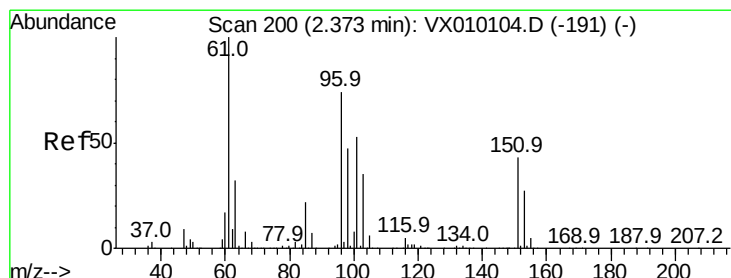
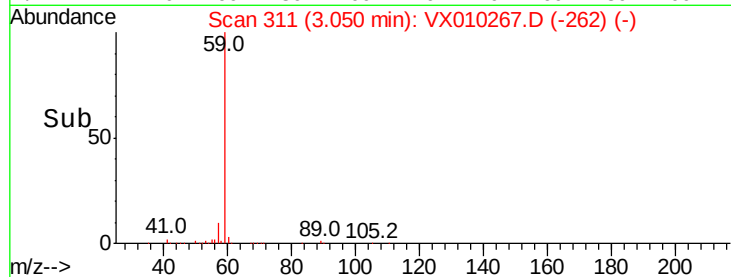
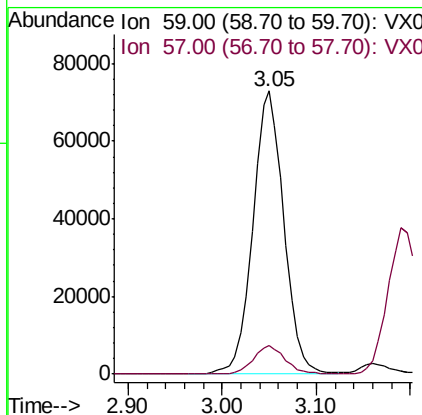
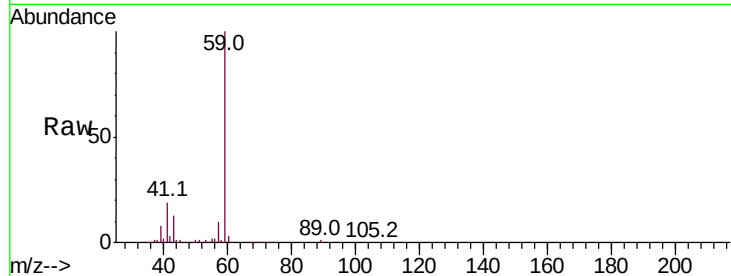
Tert butyl alcohol
Concen: 223.746 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	168329
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

Manual Integrations
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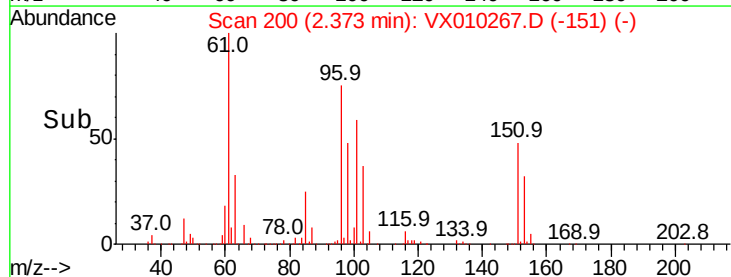
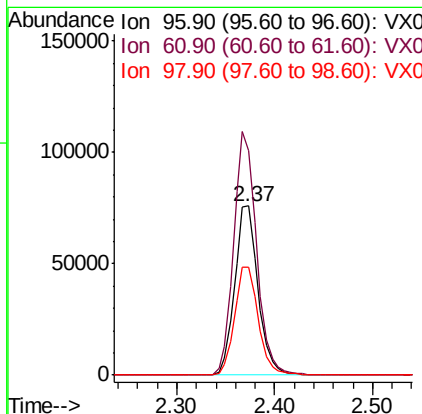
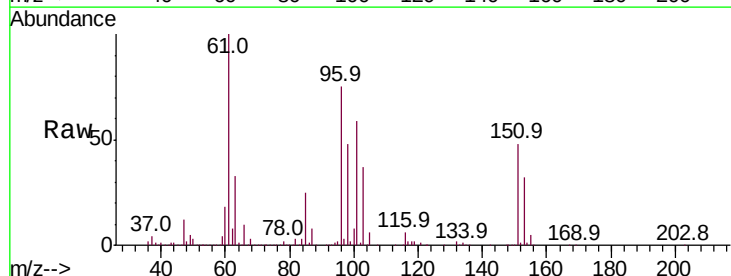
MMDadoda
6/14/2019 9:17:24 AM

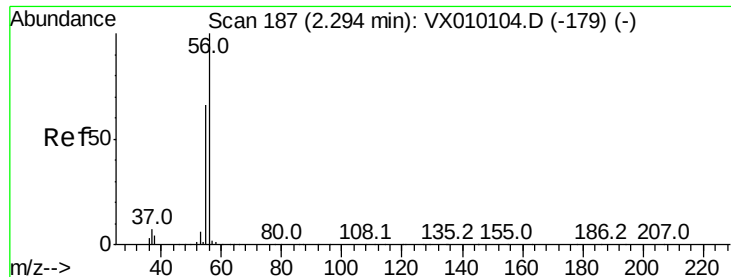


#12

1,1-Dichloroethene
Concen: 44.626 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	96	Resp	126113
Ion Ratio	100	Lower	Upper
61	133.0	140.7	211.1#
98	63.7	50.1	75.1





#13

Acrolein

Concen: 285.970 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 39229

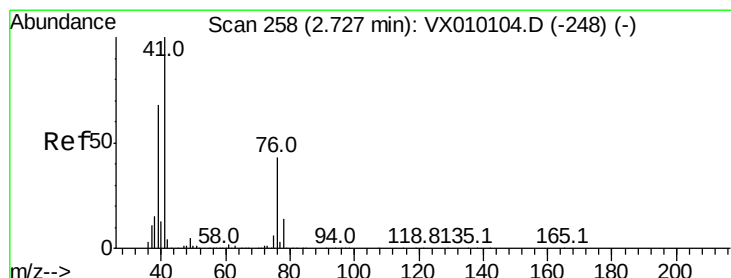
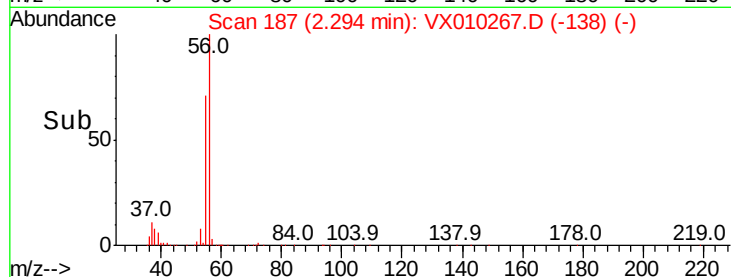
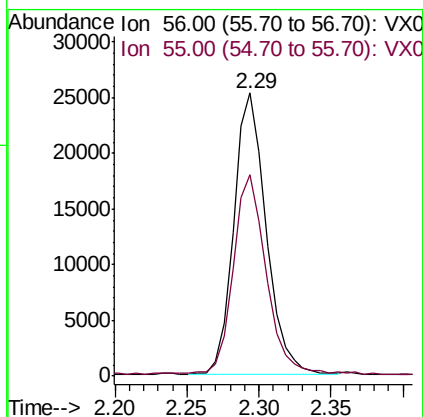
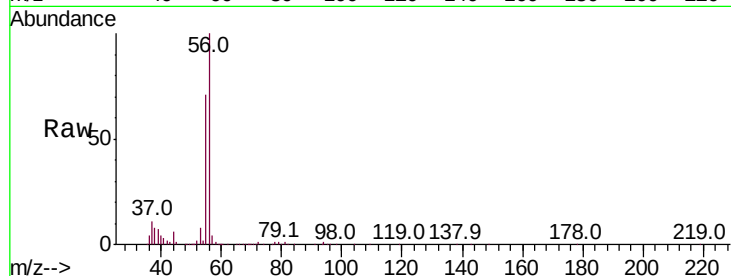
Ion Ratio Lower Upper

56 100

55 74.5 57.0 85.4

Manual Integrations
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MMDadoda
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#14

Allyl chloride

Concen: 44.327 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

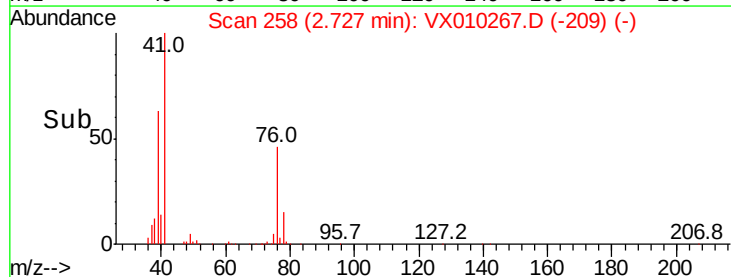
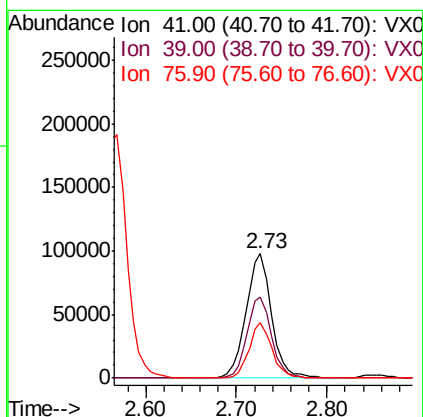
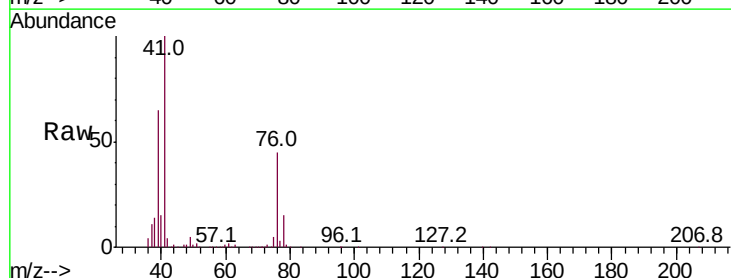
Tgt Ion: 41 Resp: 189086

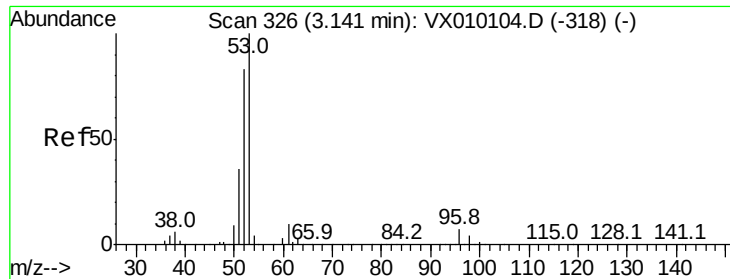
Ion Ratio Lower Upper

41 100

39 62.4 46.7 70.1

76 40.5 21.0 31.4#





#15

Acrylonitrile

Concen: 234.266 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

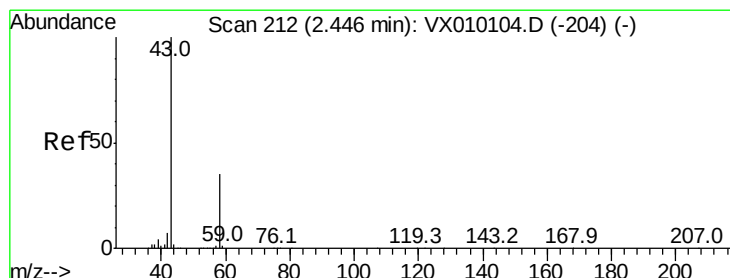
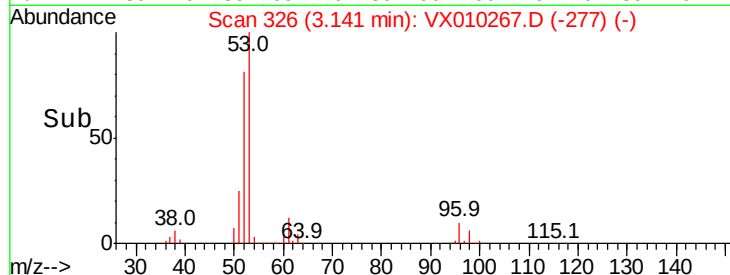
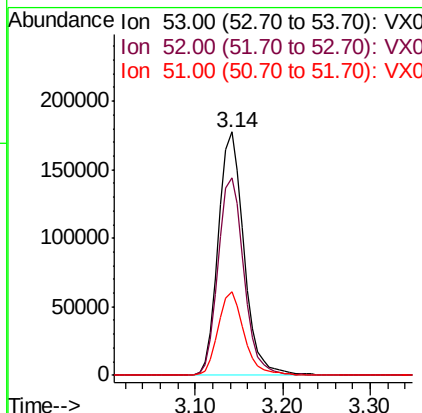
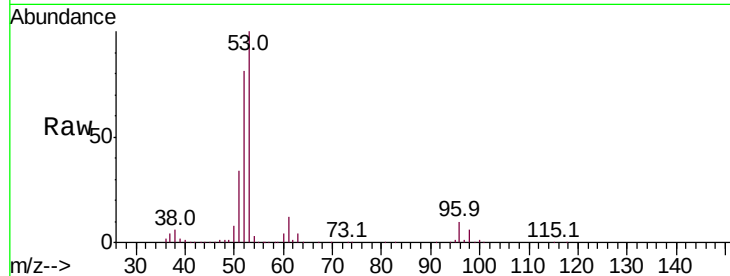
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	360238
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.7	100.1
51	34.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 281.373 ug/l

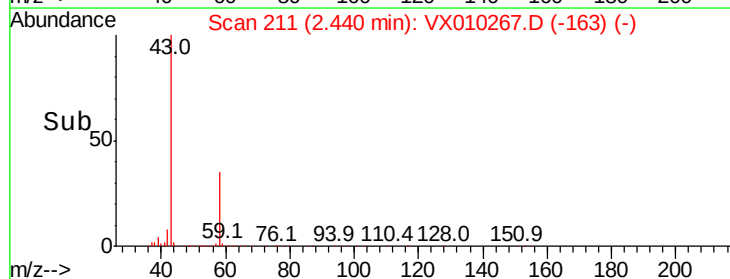
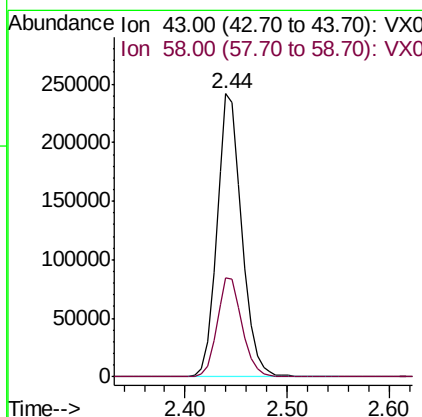
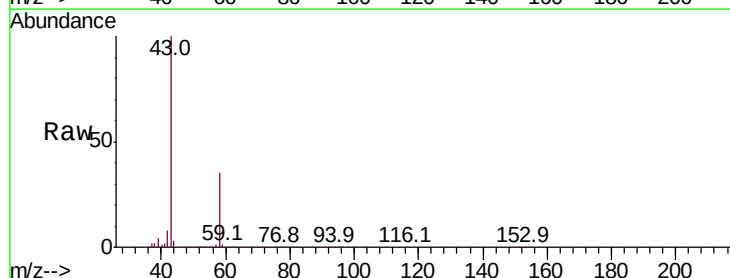
RT: 2.44 min Scan# 211

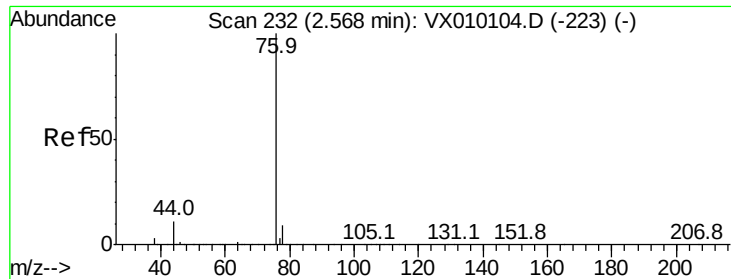
Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	43	Resp:	406426
Ion Ratio	Lower	Upper	
43	100		
58	35.0	23.2	34.8#





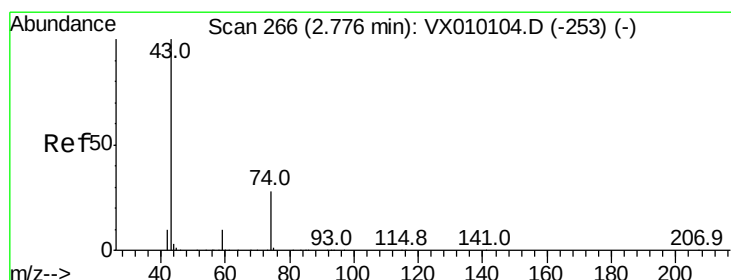
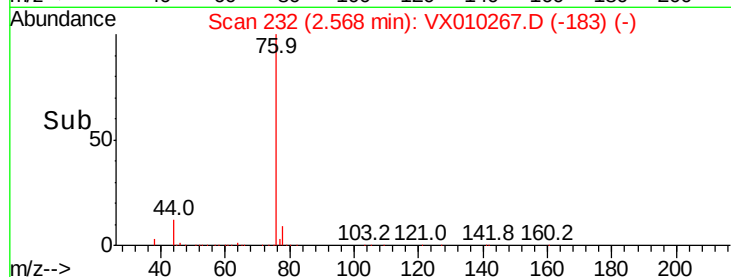
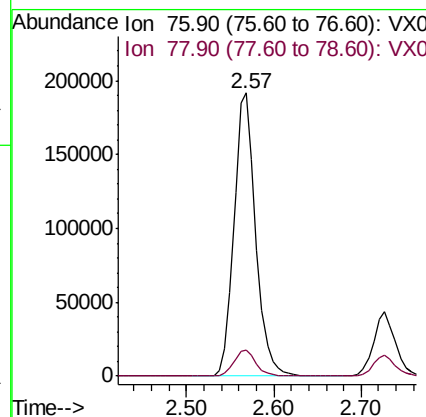
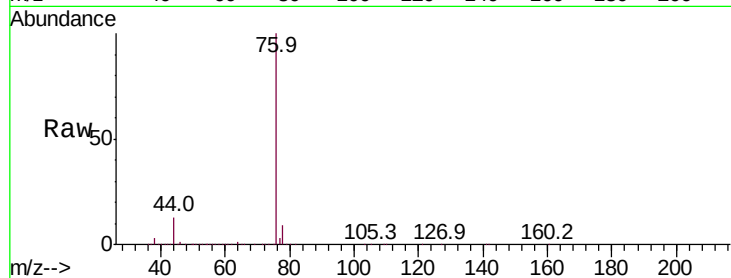
#17
Carbon Disulfide
Concen: 40.496 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

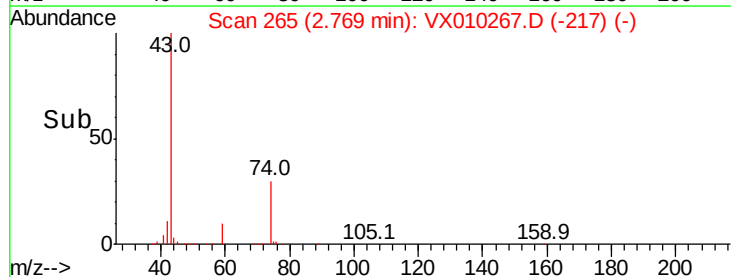
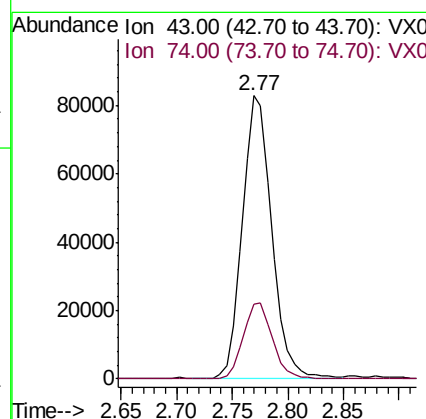
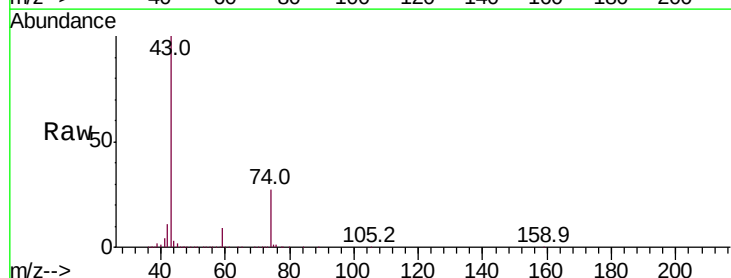
Manual Integrations
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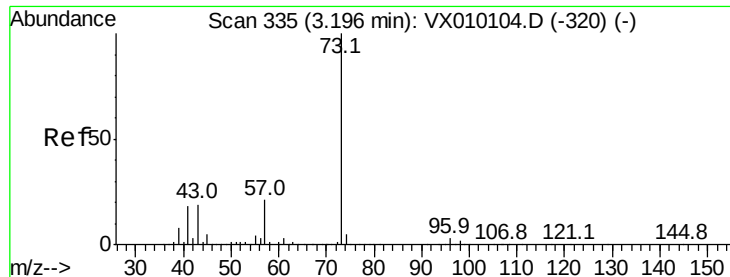
MMDadoda
6/14/2019 9:17:24 AM



#18
Methyl Acetate
Concen: 47.326 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	15.8	23.6#





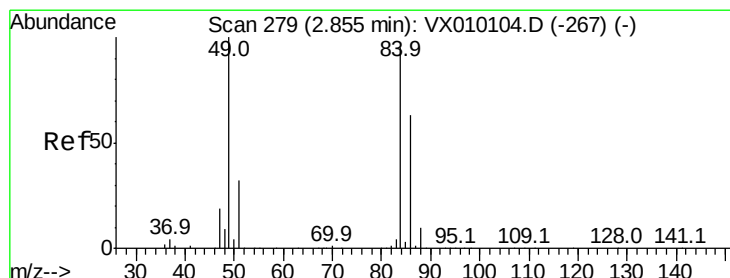
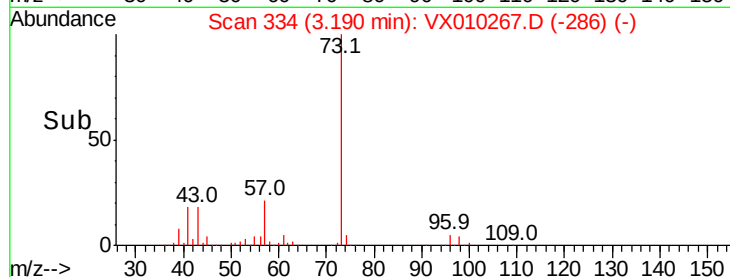
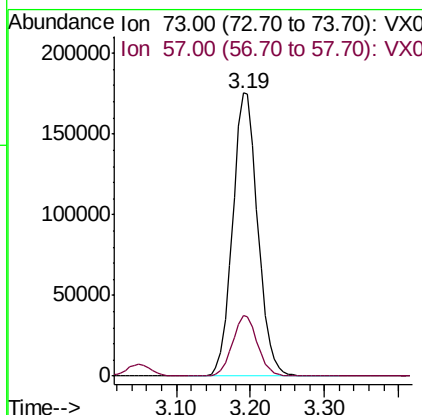
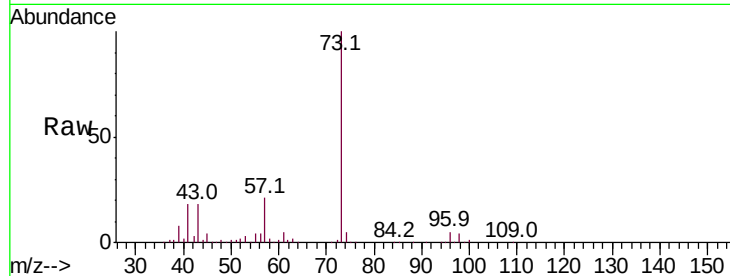
#19
Methyl tert-butyl Ether
Concen: 45.765 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	19.4	29.2

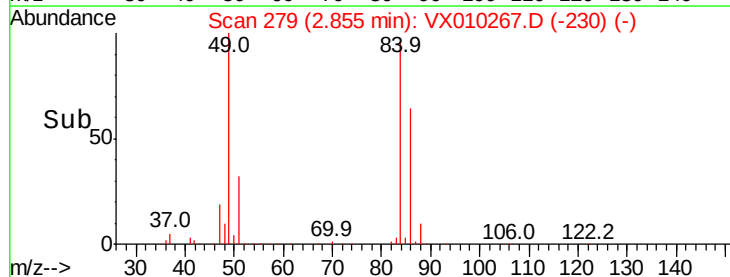
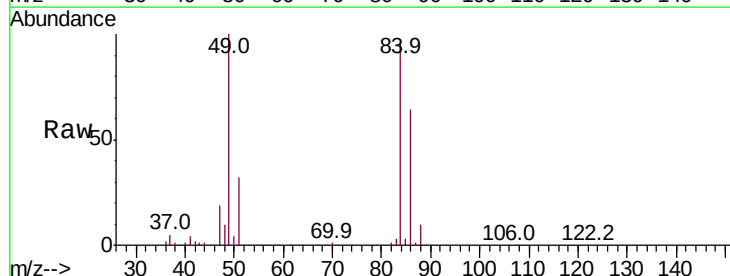
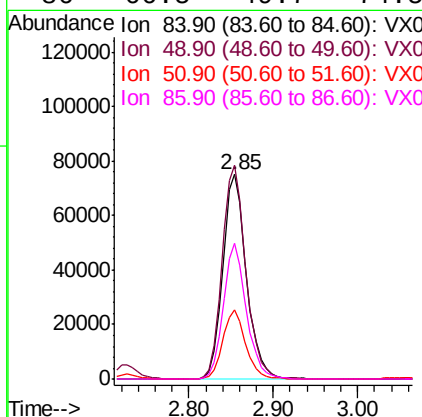
Manual Integrations
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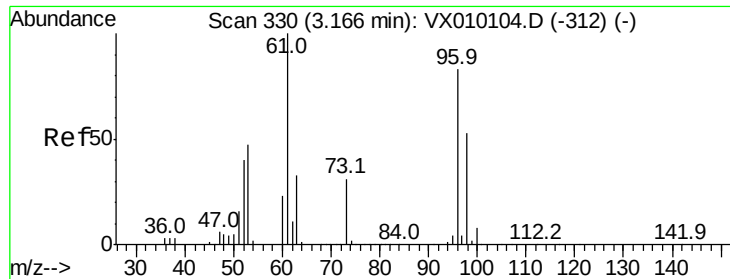
MMDadoda
6/14/2019 9:17:24 AM



#20
Methylene Chloride
Concen: 45.443 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.2	115.8	173.6#
51	33.5	34.4	51.6#
86	66.5	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 43.484 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 135992

Ion Ratio Lower Upper

96 100

61 120.0 125.7 188.5#

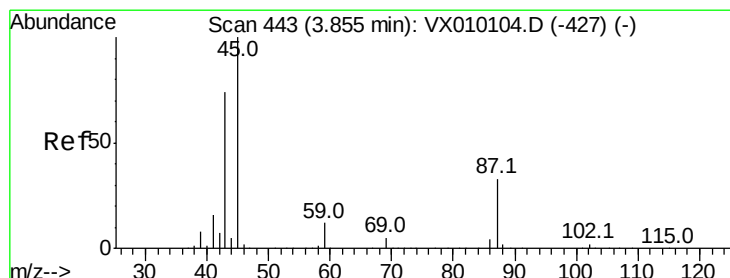
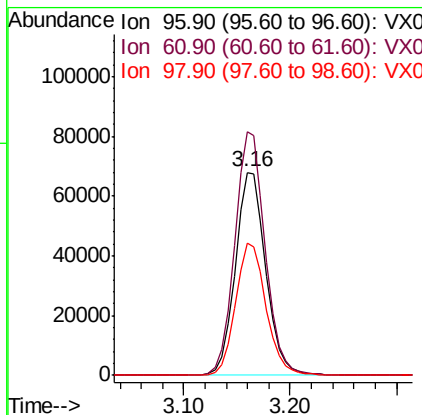
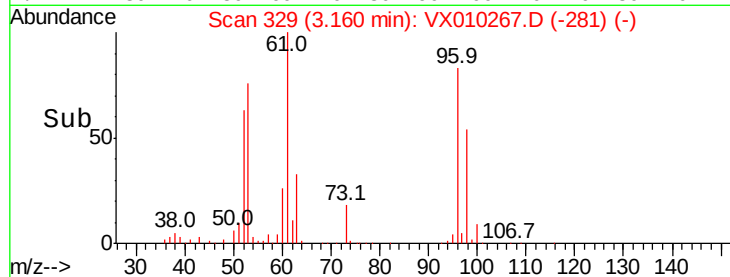
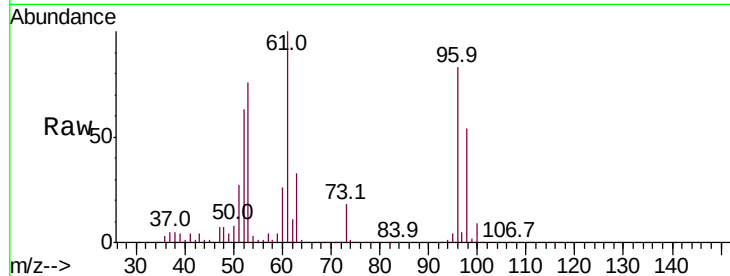
98 65.3 49.0 73.6

Manual Integrations

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6/14/2019 9:17:24 AM



#22

Diisopropyl ether

Concen: 47.762 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion: 45 Resp: 389539

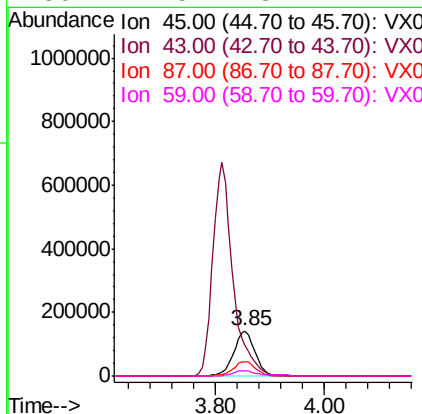
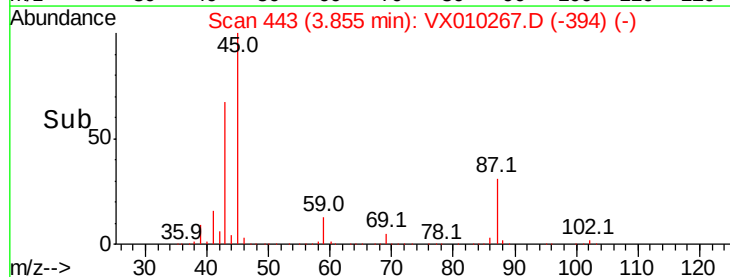
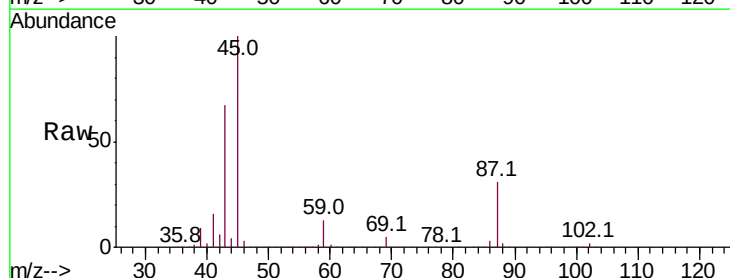
Ion Ratio Lower Upper

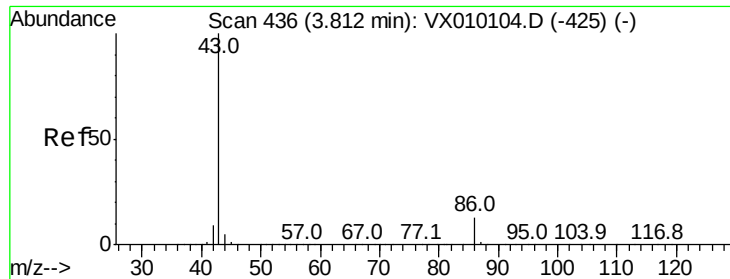
45 100

43 66.5 65.0 97.4

87 31.1 17.3 25.9#

59 12.5 8.1 12.1#





#23

Vinyl Acetate

Concen: 236.450 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1720378

Ion Ratio Lower Upper

43 100

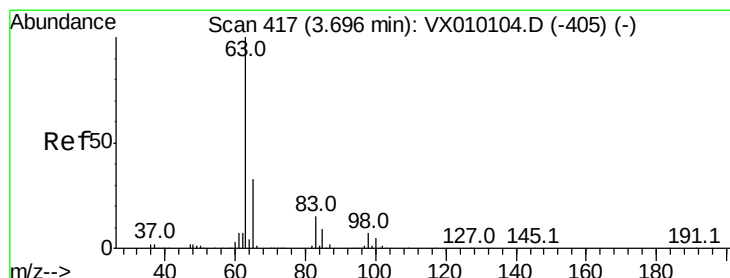
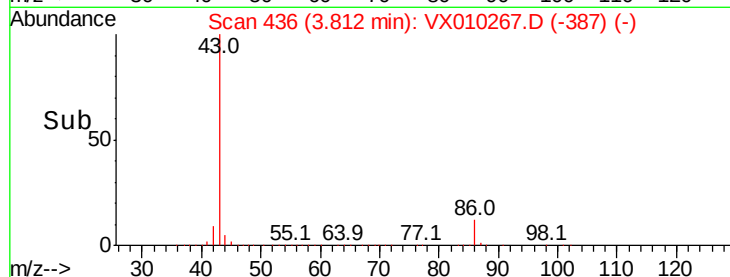
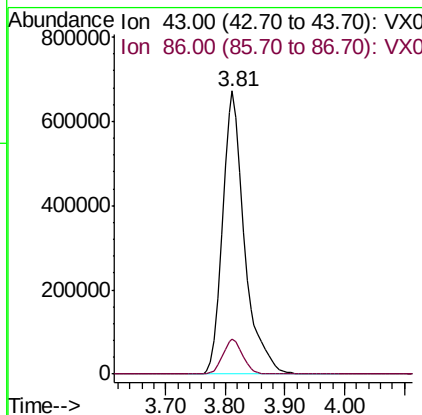
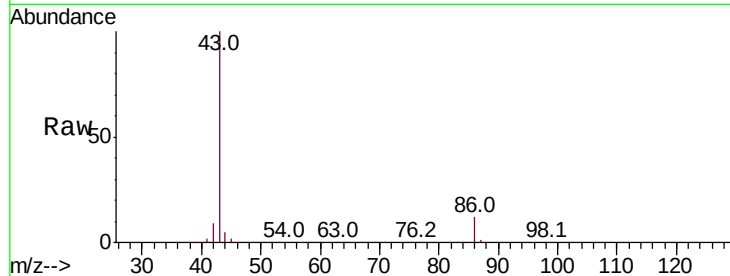
86 12.5 6.5 9.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.420 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

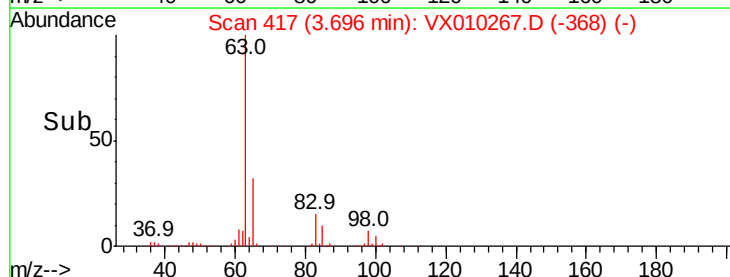
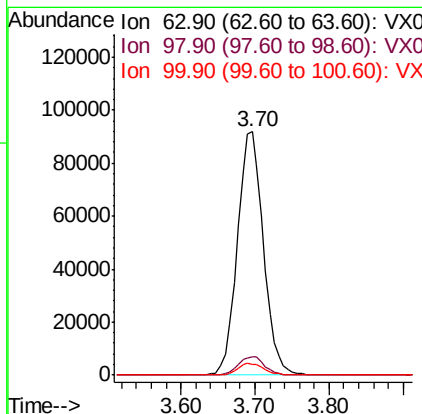
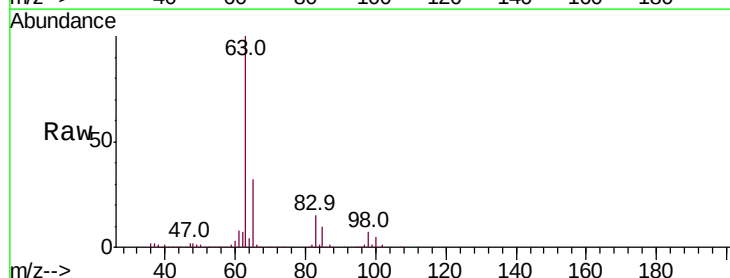
Tgt Ion: 63 Resp: 224911

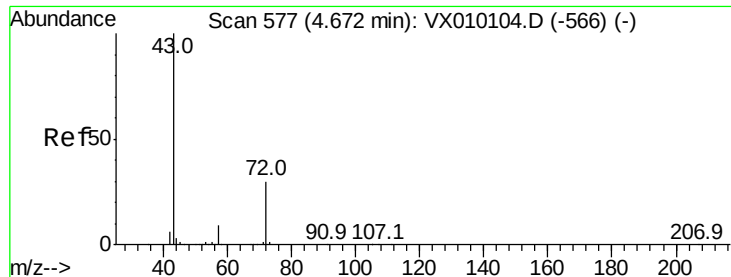
Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.8

100 4.6 1.8 5.4





#25

2-Butanone

Concen: 255.892 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 550398

Ion Ratio Lower Upper

43 100

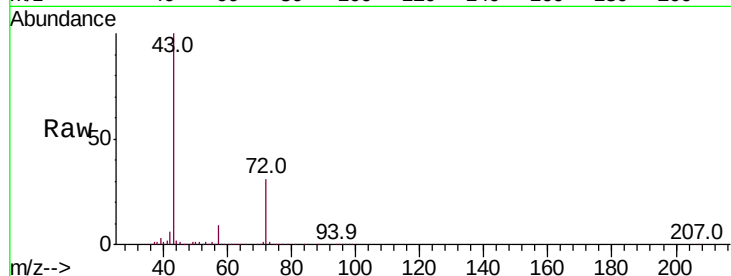
72 30.6 17.5 26.3#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

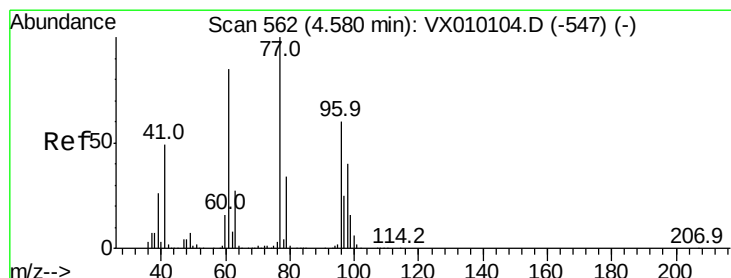
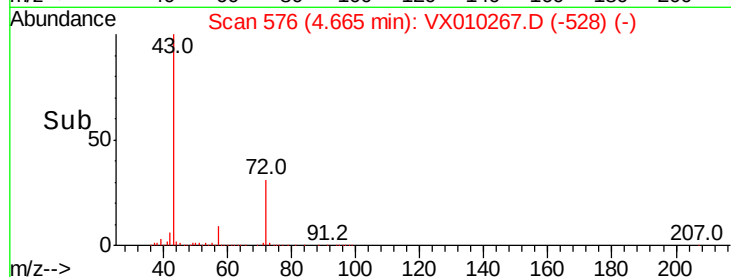
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.176 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010267.D

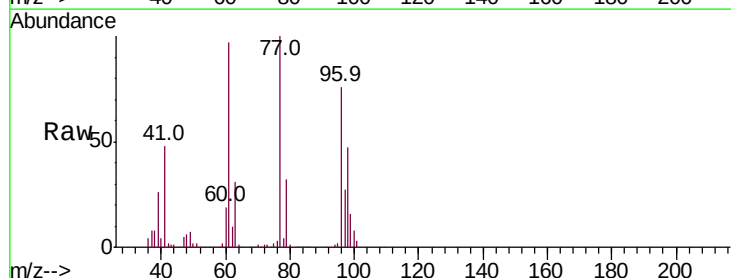
Acq: 13 Jun 2019 09:57

Tgt Ion: 77 Resp: 204084

Ion Ratio Lower Upper

77 100

97 26.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

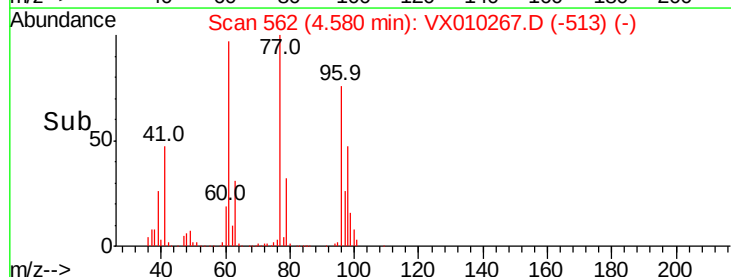
40000

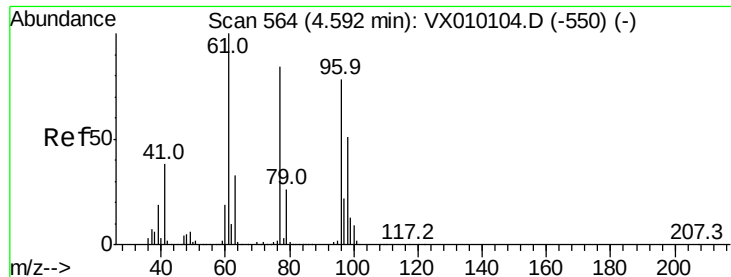
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

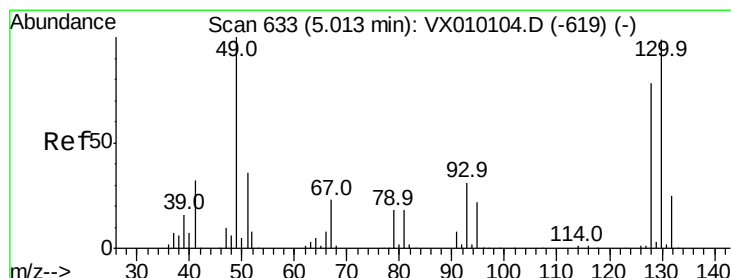
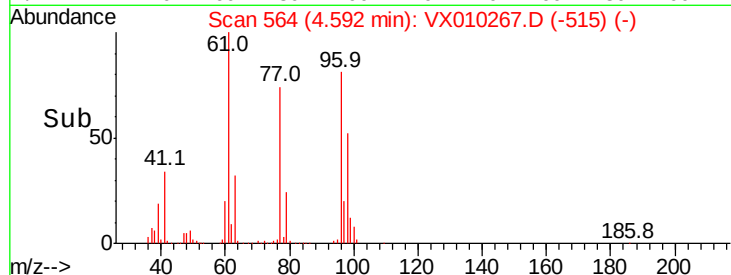
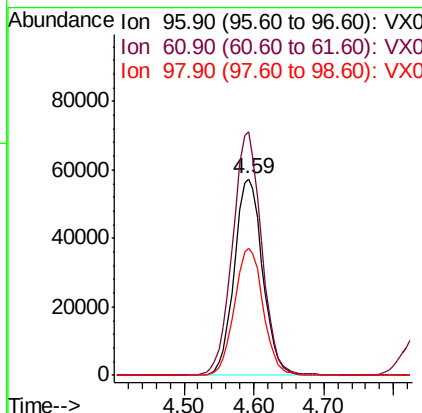
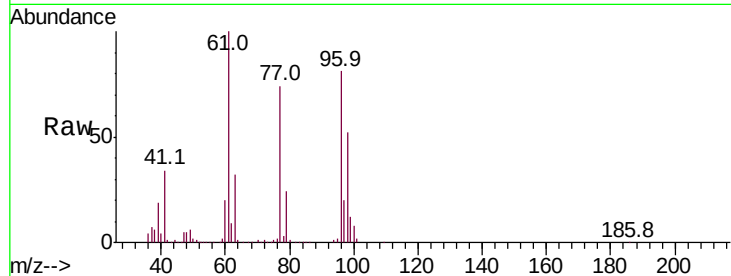
cis-1,2-Dichloroethene
Concen: 46.582 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	162063		
61	127.3	0.0	334.0	
98	65.3	0.0	131.6	

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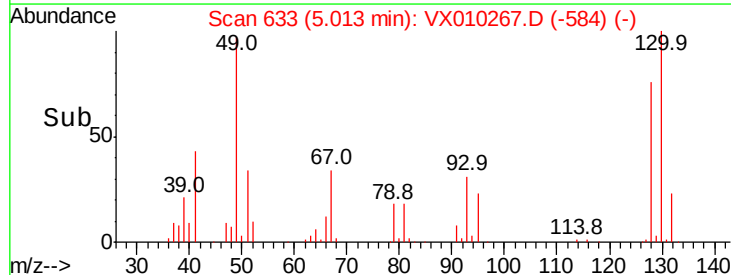
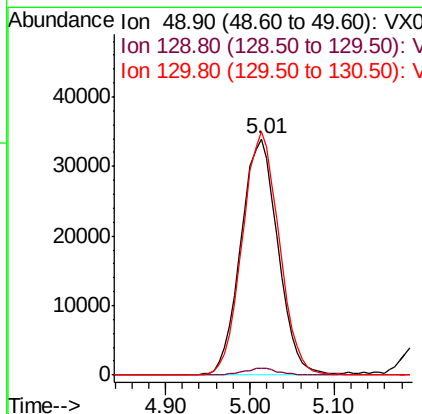
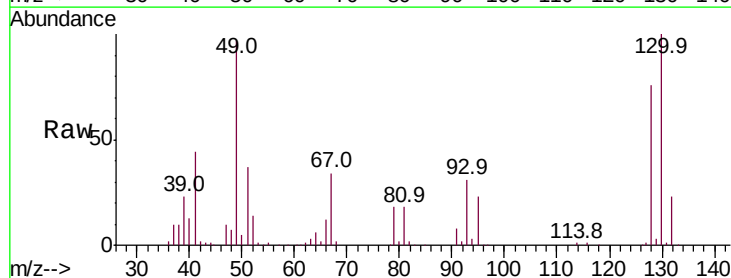
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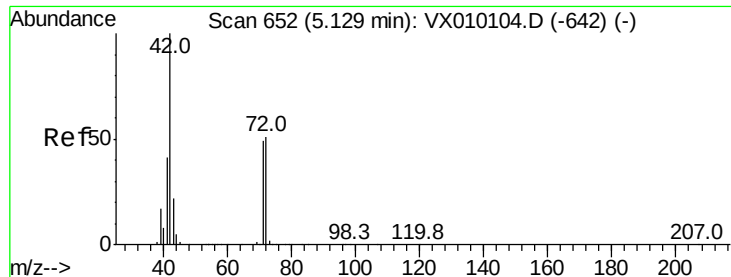


#28

Bromochloromethane
Concen: 45.842 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	101737		
129	2.8	0.0	3.4	
130	102.1	49.4	74.2#	





#29

Tetrahydrofuran

Concen: 232.277 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

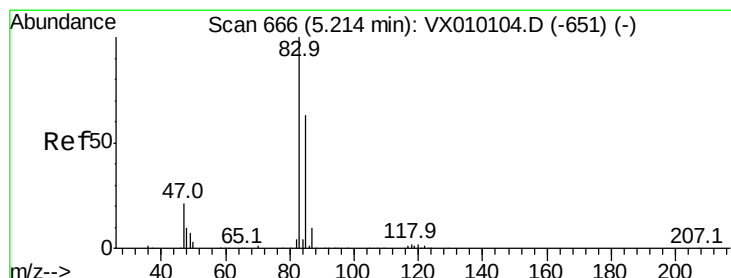
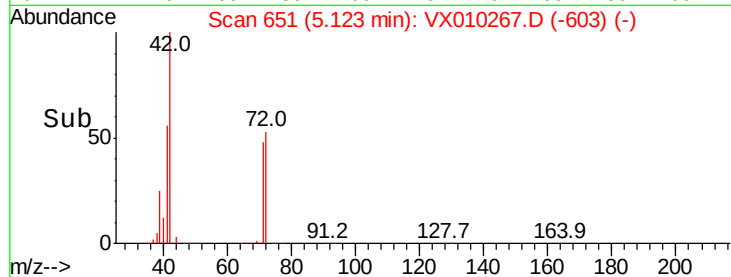
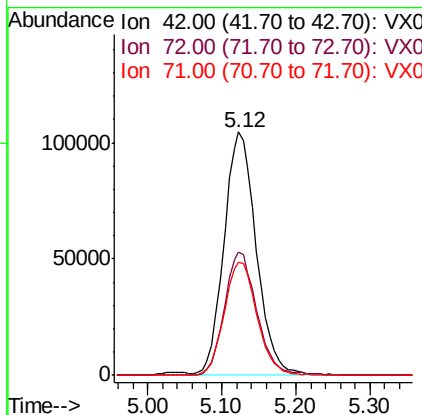
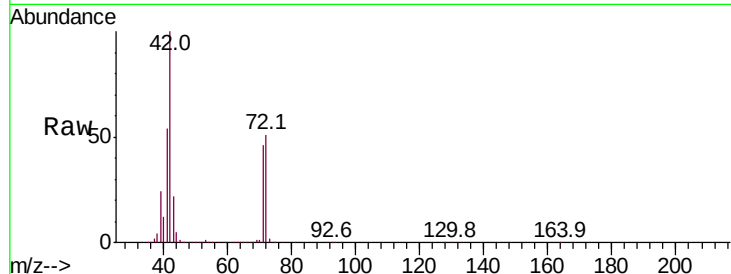
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	313980
Ion Ratio	Lower	Upper	
42	100		
72	51.5	29.2	43.8#
71	47.6	27.6	41.4#

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#30

Chloroform

Concen: 46.507 ug/l

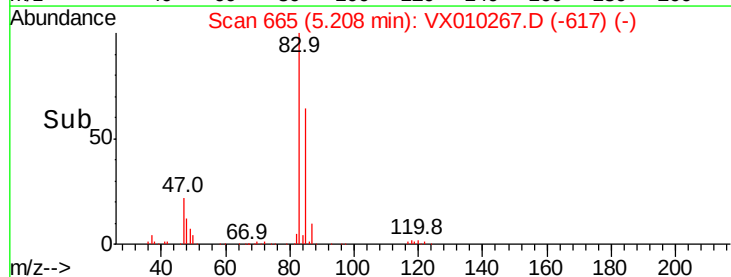
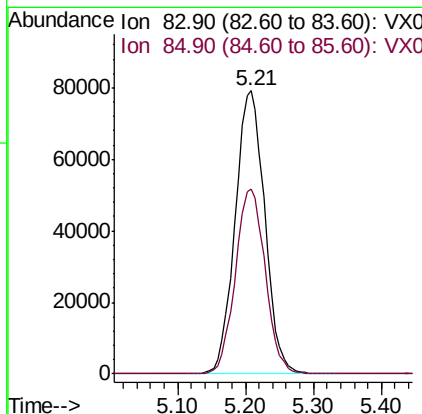
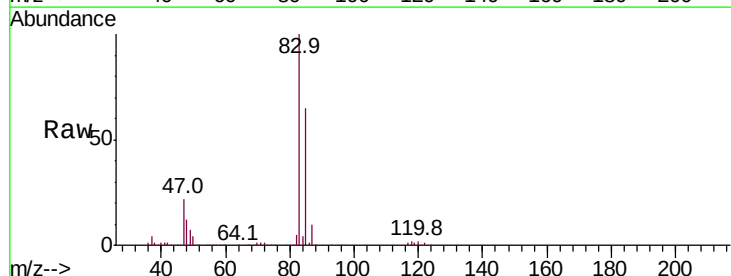
RT: 5.21 min Scan# 665

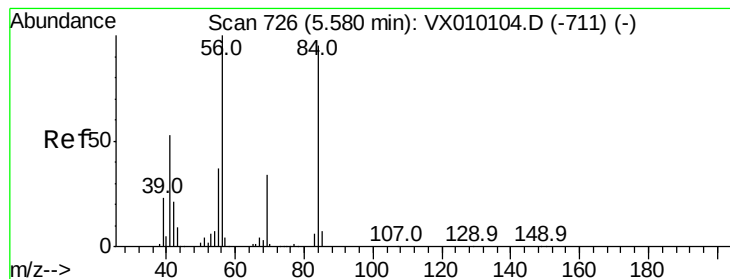
Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	83	Resp:	239169
Ion Ratio	Lower	Upper	
83	100		
85	65.3	52.6	78.8





#31

Cyclohexane

Concen: 46.248 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 206686

Ion Ratio Lower Upper

56 100

69 33.2 21.6 32.4#

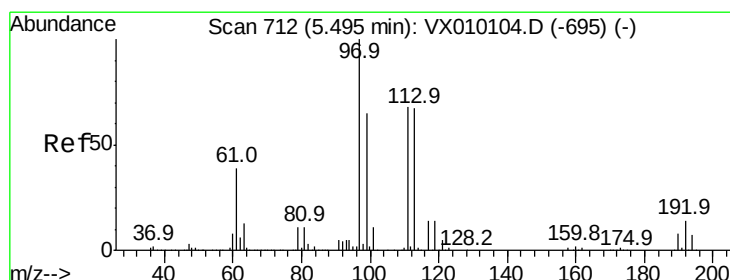
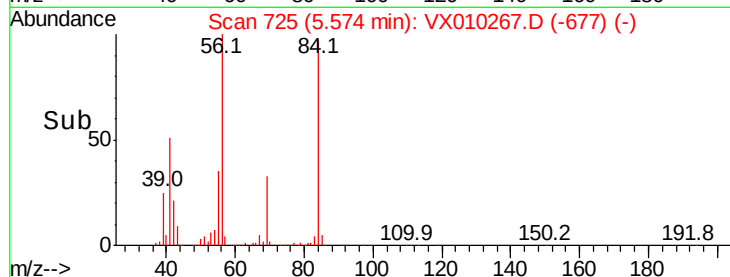
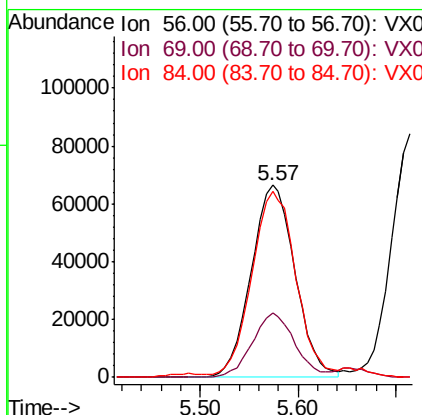
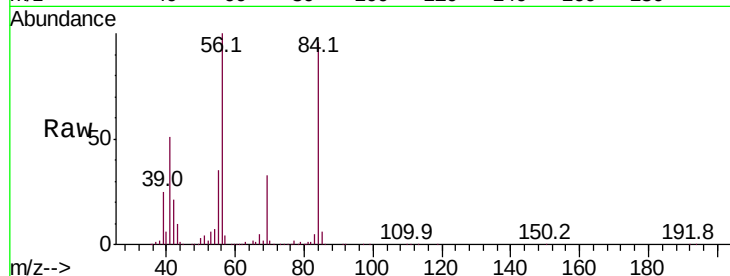
84 94.6 56.8 85.2#

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#32

1,1,1-Trichloroethane

Concen: 44.847 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

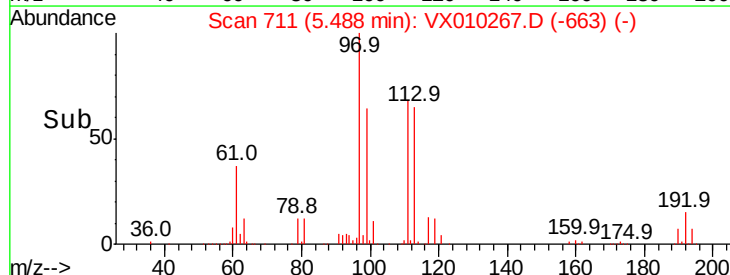
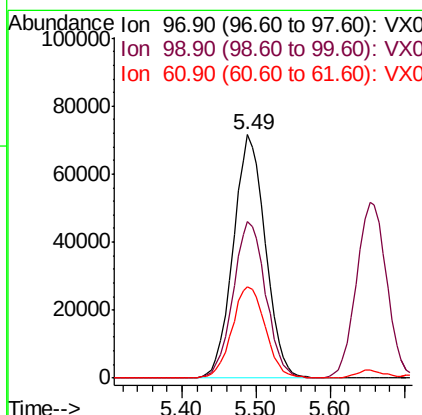
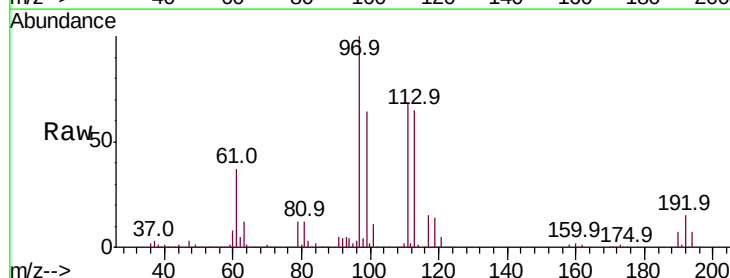
Tgt Ion: 97 Resp: 216822

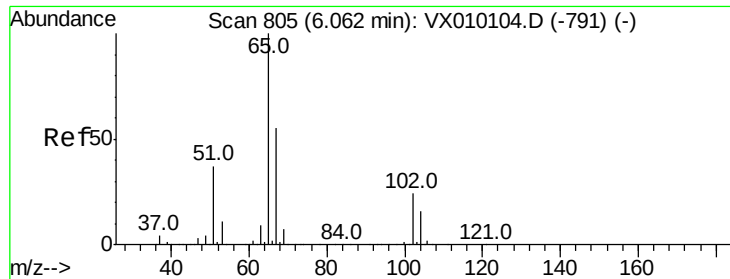
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

61 38.9 38.7 58.1





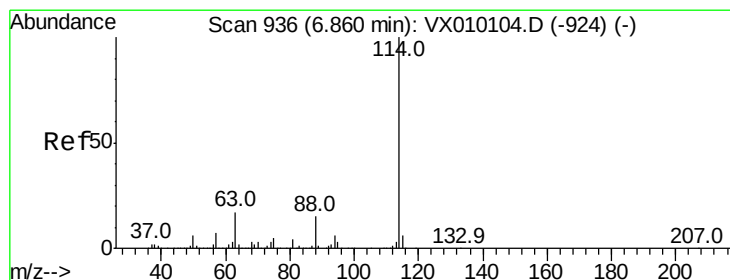
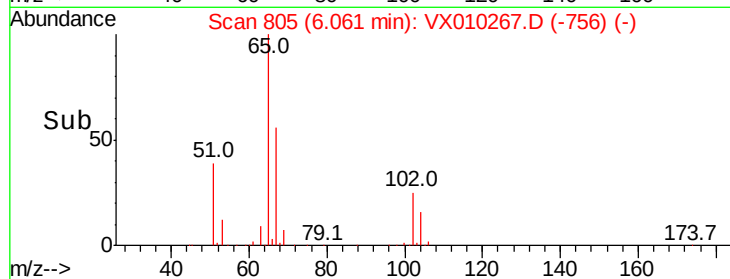
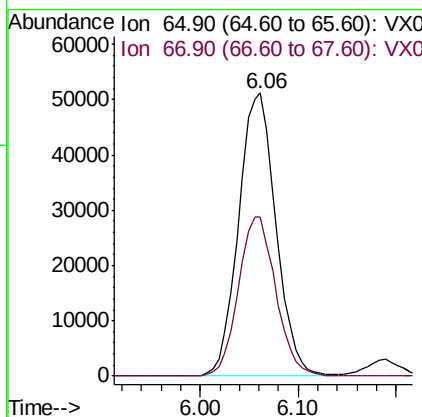
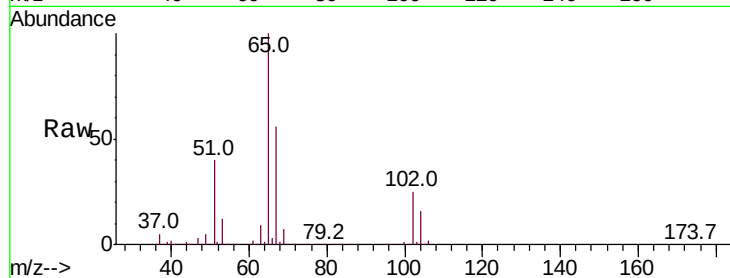
#33
 1,2-Dichloroethane-d4
 Concen: 44.169 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	108.4

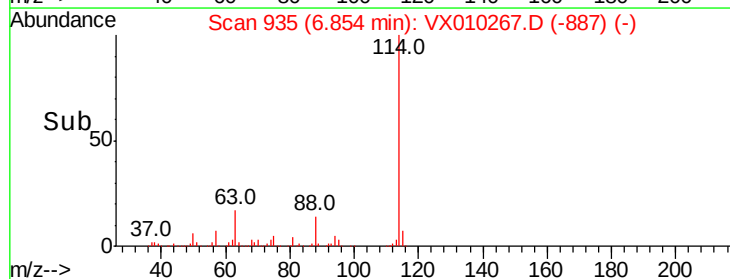
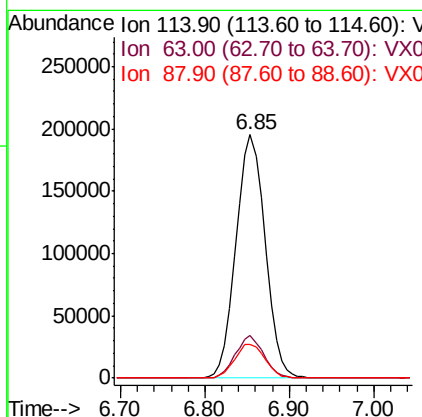
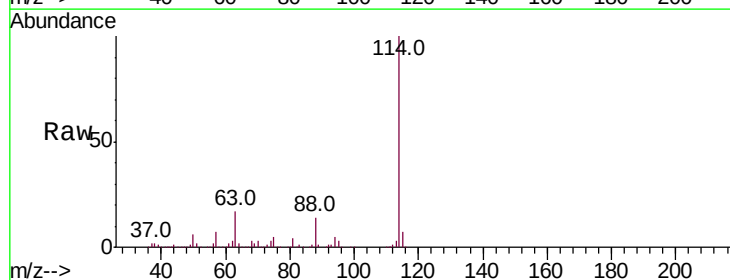
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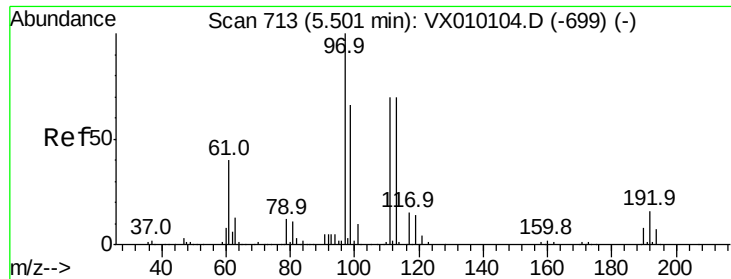
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	47.4
88	13.9	0.0	33.0





#35

Dibromofluoromethane

Concen: 49.314 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

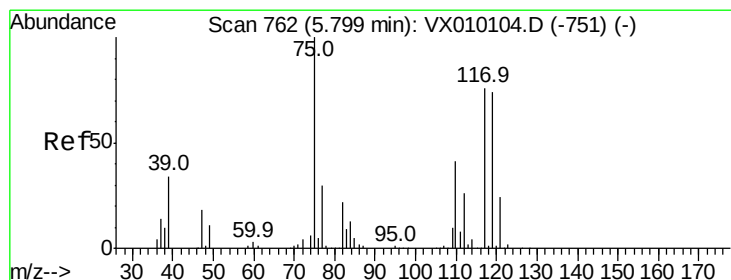
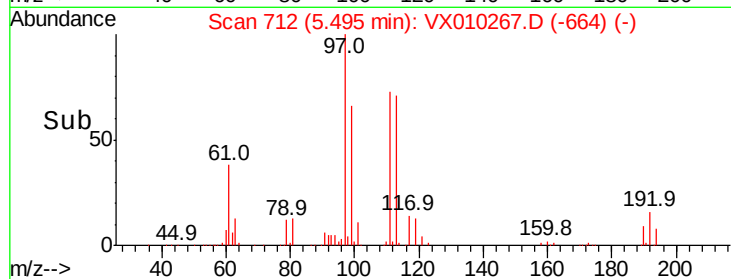
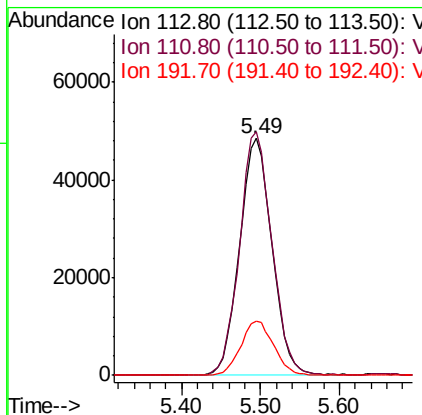
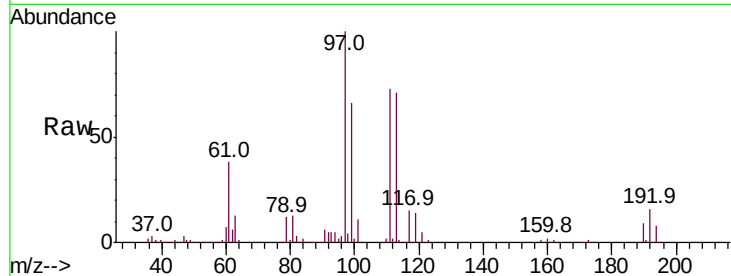
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	138964
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.2	123.2
192	23.1	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 47.139 ug/l

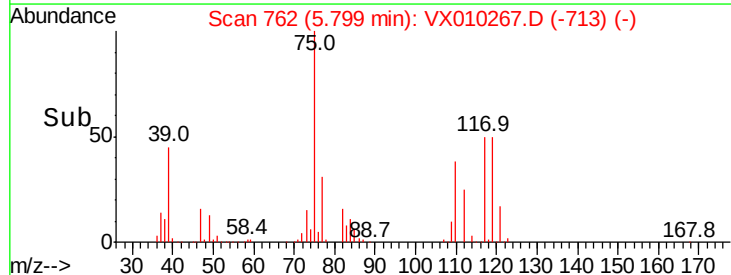
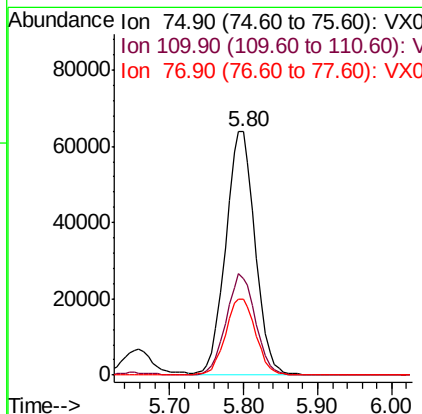
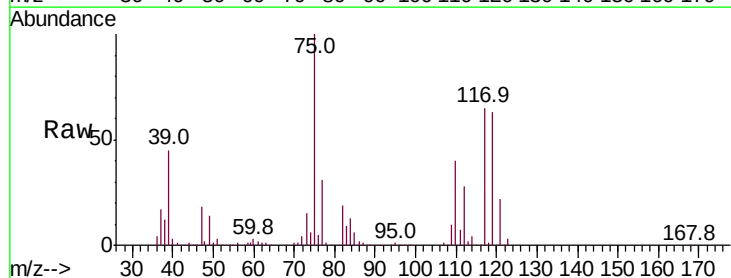
RT: 5.80 min Scan# 762

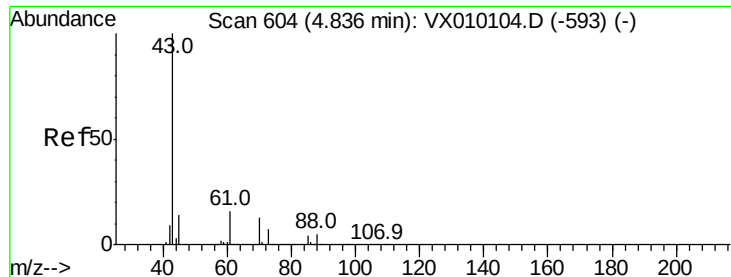
Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	75	Resp:	175695
Ion Ratio	Lower	Upper	
75	100		
110	41.5	16.7	50.1
77	32.2	25.0	37.4





#37

Ethyl Acetate

Concen: 47.808 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

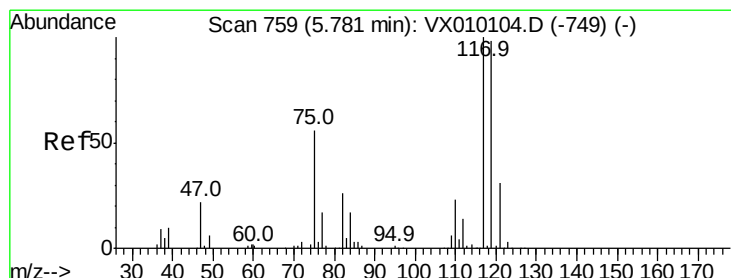
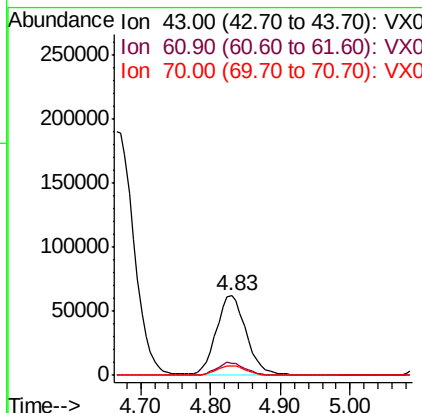
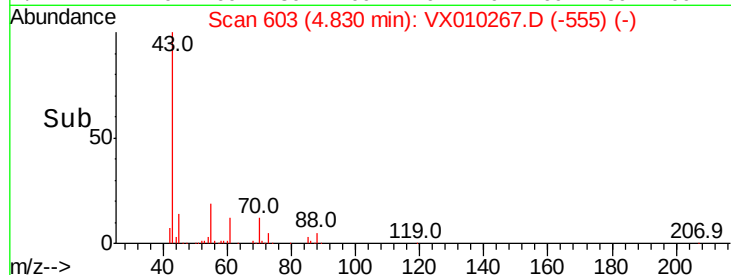
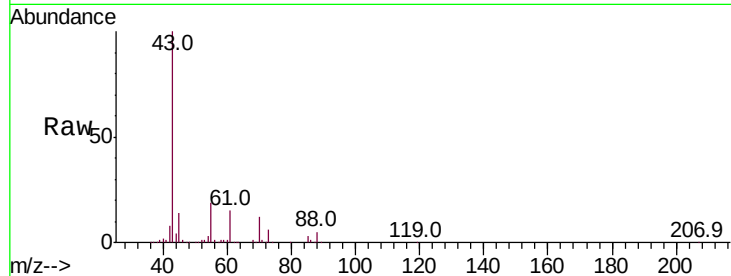
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	185400
Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.2	15.2#
70	12.2	7.4	11.2#

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#38

Carbon Tetrachloride

Concen: 47.199 ug/l

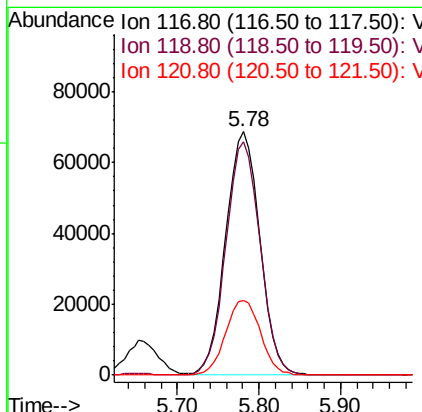
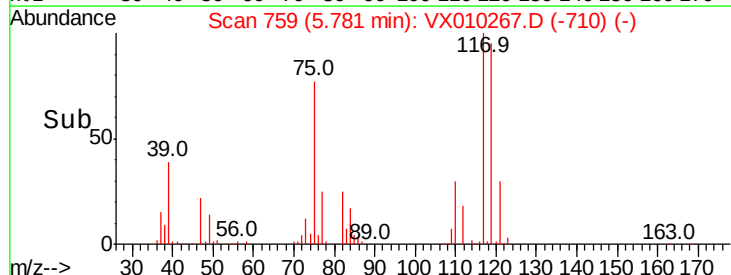
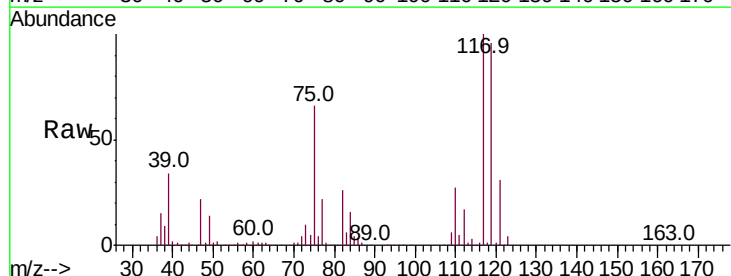
RT: 5.78 min Scan# 759

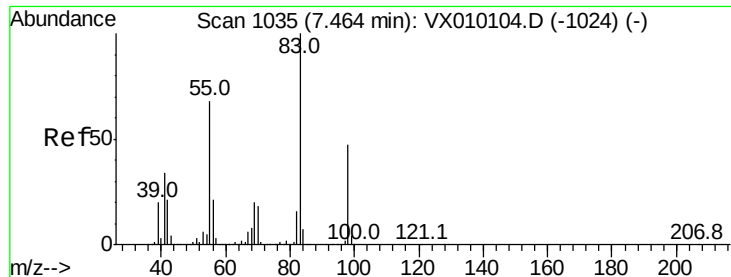
Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	117	Resp:	199117
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.3	115.9
121	30.6	25.4	38.0





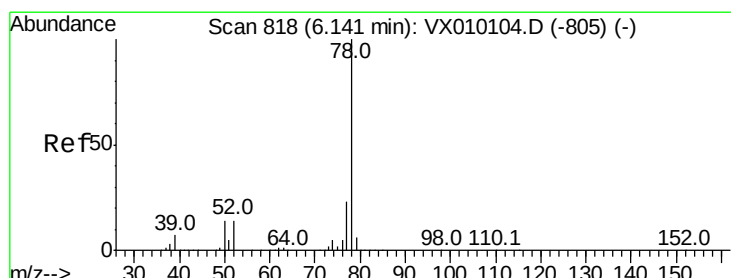
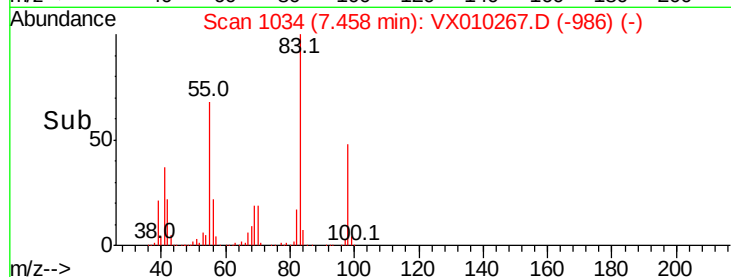
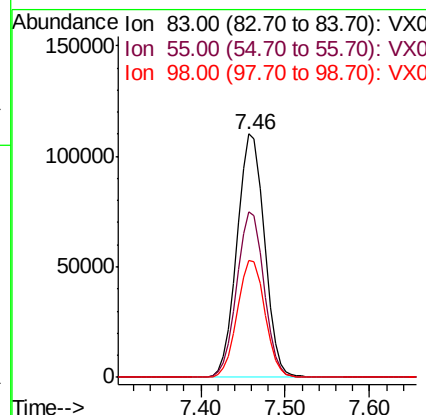
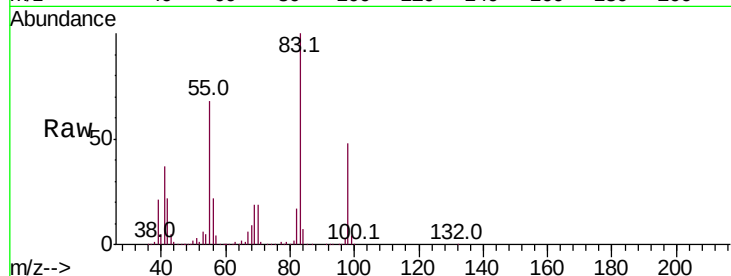
#39
Methylvlcyclohexane
Concen: 47.839 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	69.9	104.9#
98	47.8	35.1	52.7

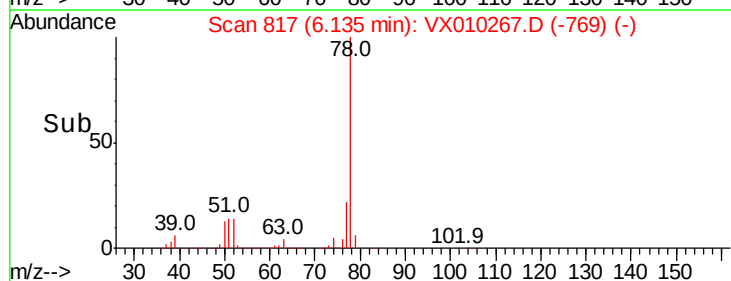
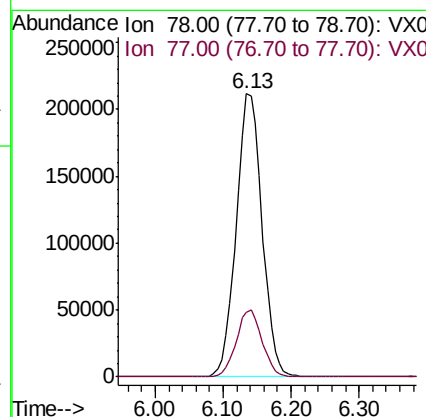
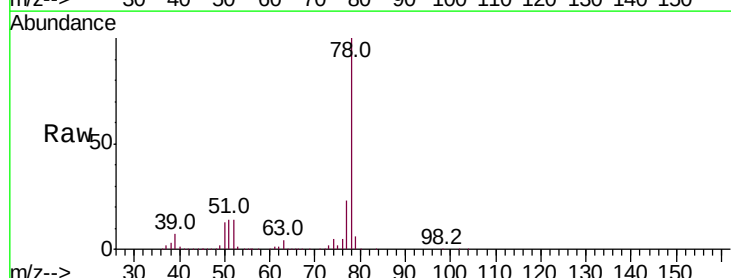
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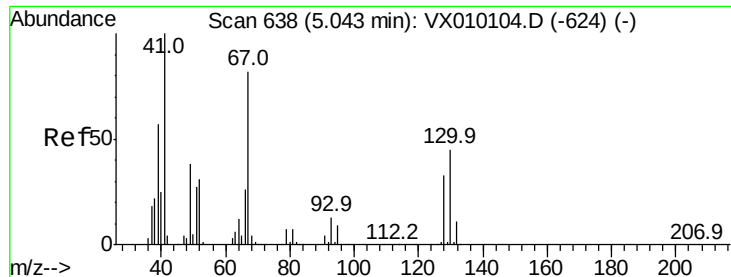
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#40
Benzene
Concen: 48.396 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





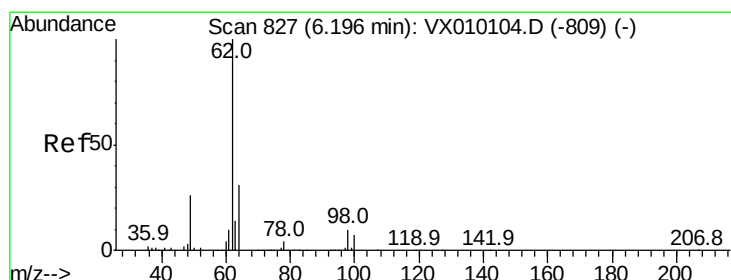
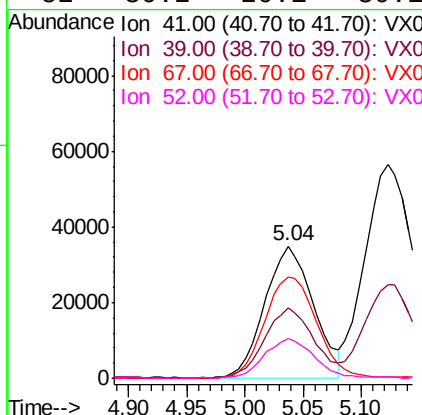
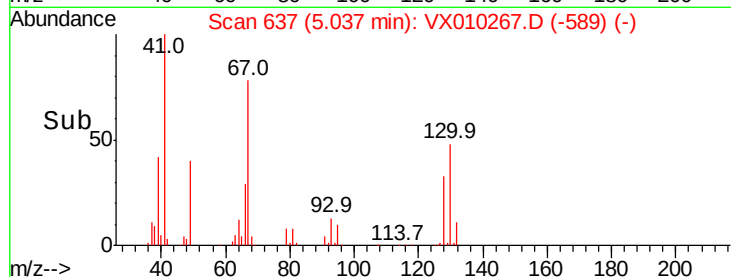
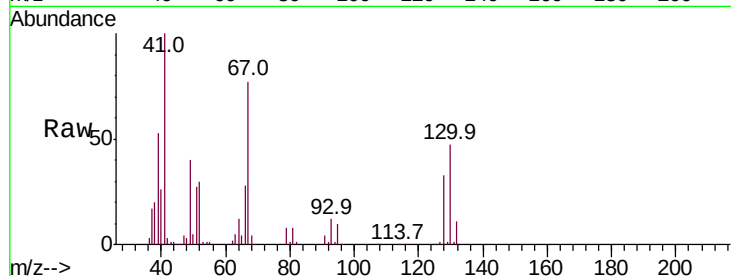
#41
Methacrylonitrile
Concen: 48.052 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.2	63.4	
67	82.9	48.9	73.3	
52	30.2	20.1	30.1	

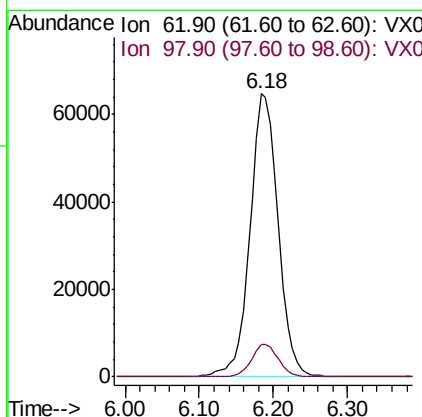
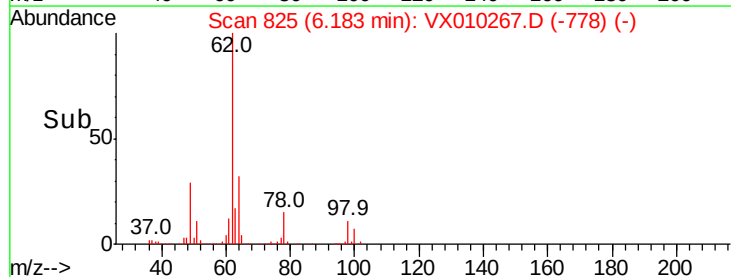
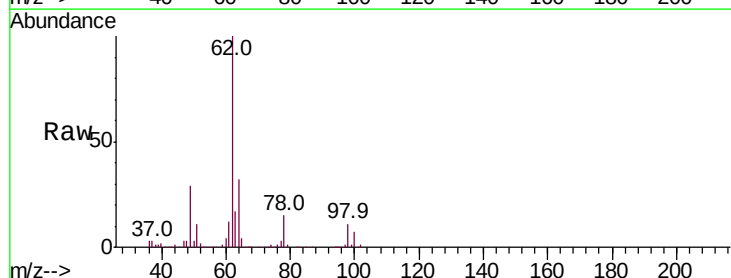
Manual Integrations
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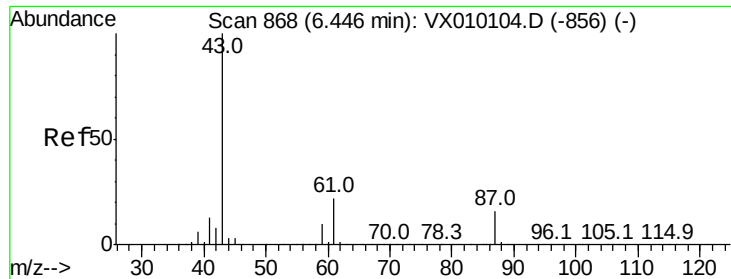
MMDadoda
6/14/2019 9:17:24 AM



#42
1,2-Dichloroethane
Concen: 46.408 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

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





#43

Isopropyl Acetate

Concen: 47.009 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

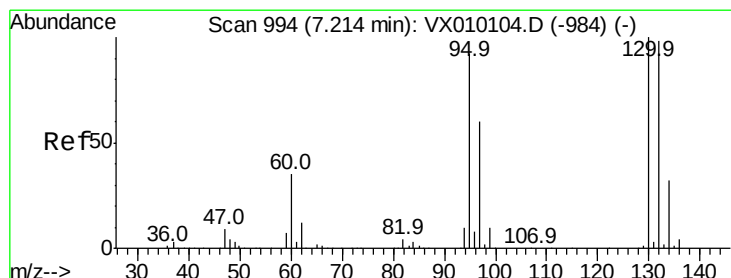
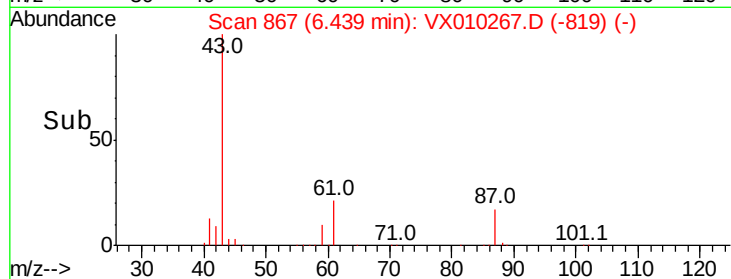
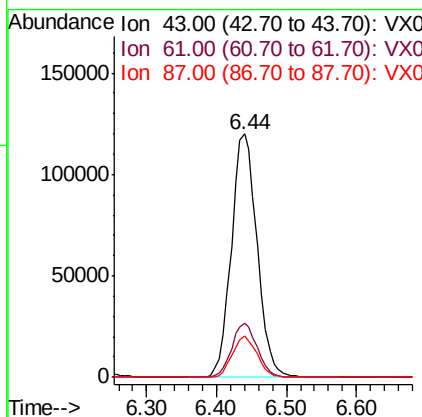
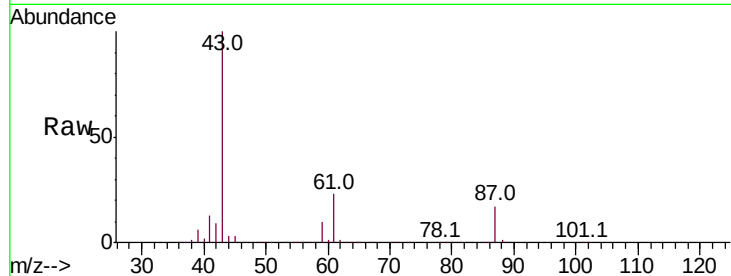
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	304805
Ion Ratio	Lower	Upper	
43	100		
61	22.2	14.6	21.8#
87	16.4	8.7	13.1#

Manual Integrations
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#44

Trichloroethene

Concen: 48.331 ug/l

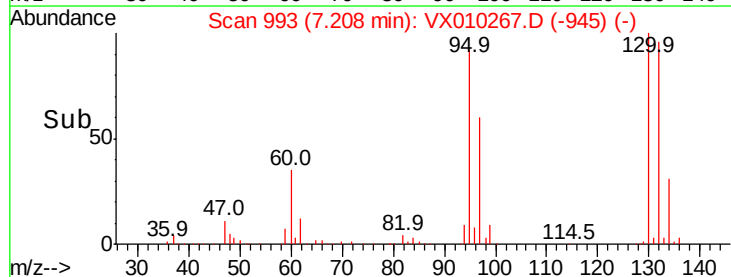
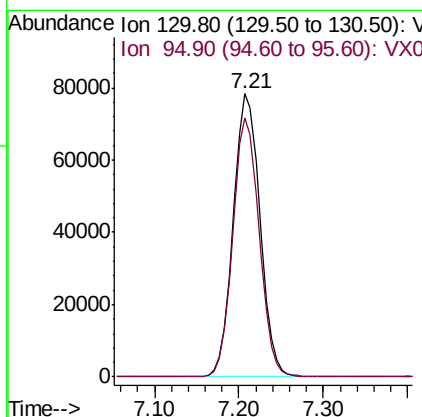
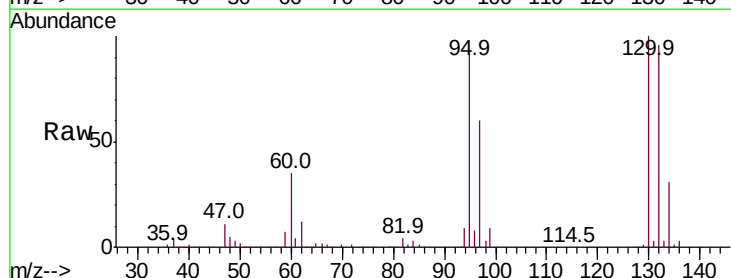
RT: 7.21 min Scan# 993

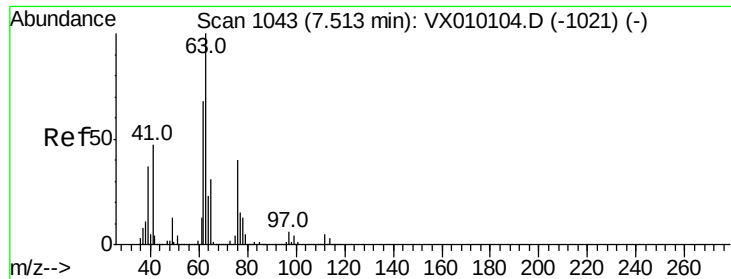
Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	130	Resp:	167903
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	207.4





#45

1,2-Dichloropropane

Concen: 49.637 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 143185

Ion Ratio Lower Upper

63 100

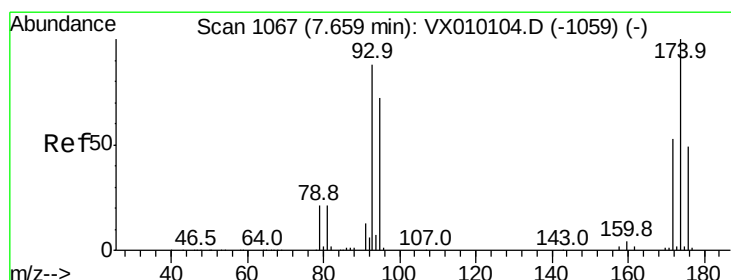
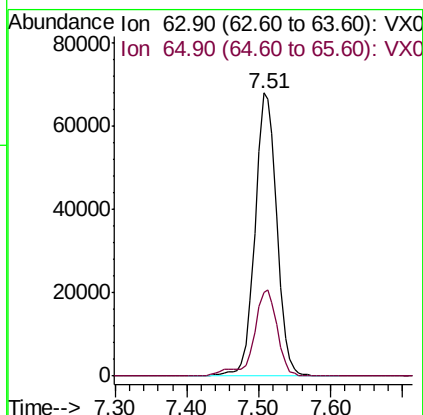
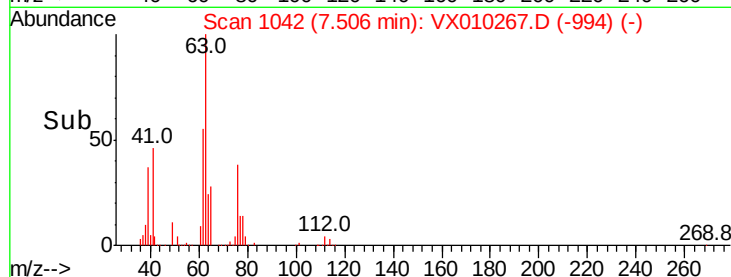
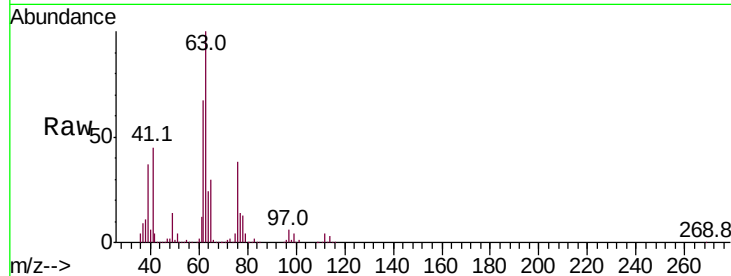
65 29.8 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 47.440 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

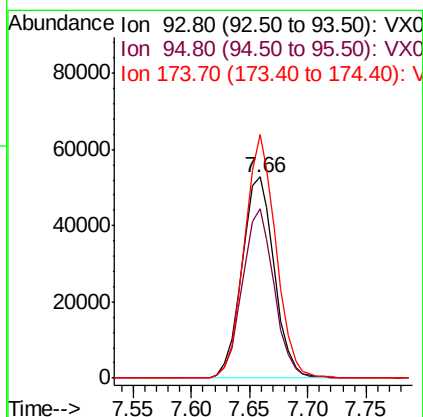
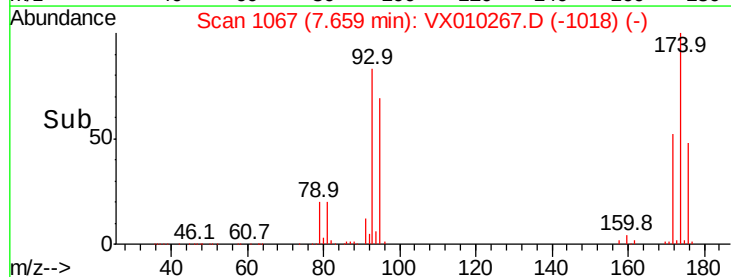
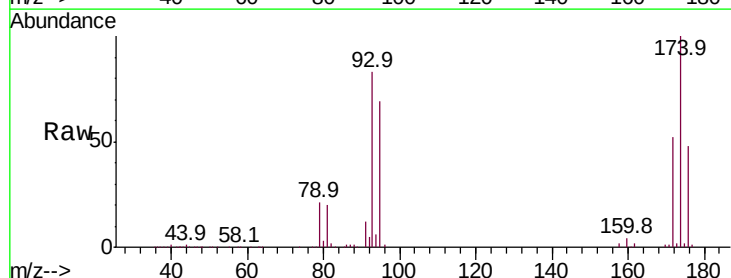
Tgt Ion: 93 Resp: 102524

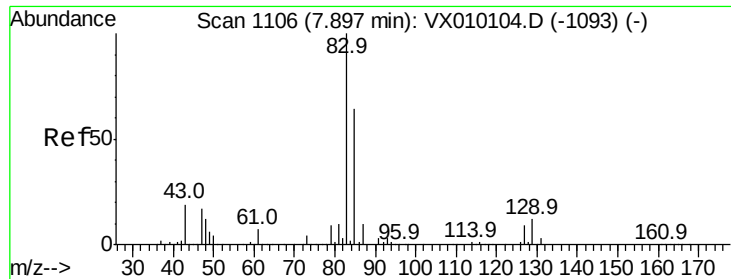
Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

174 117.9 81.9 122.9





#47

Bromodichloromethane

Concen: 48.117 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 194308

Ion Ratio Lower Upper

83 100

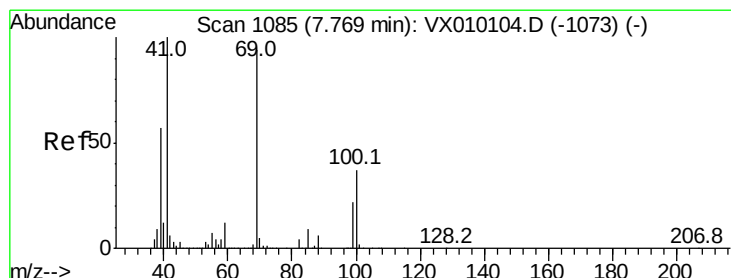
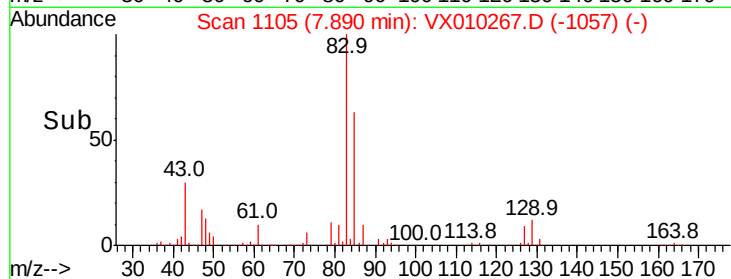
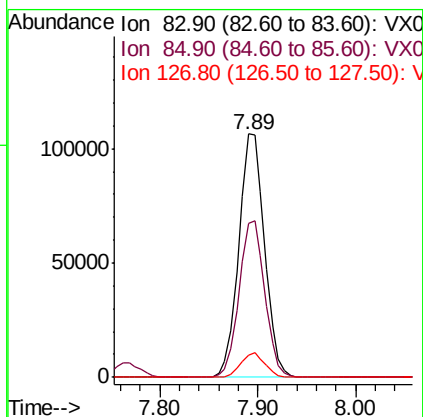
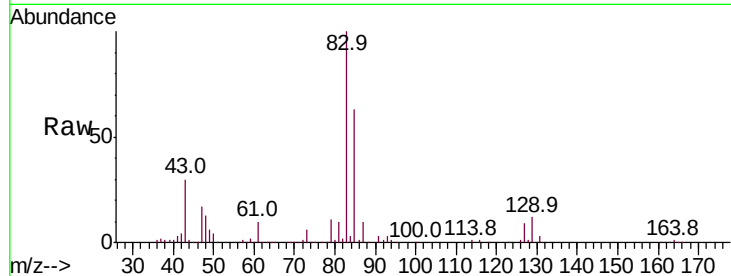
85 63.0 51.4 77.2

127 8.9 6.4 9.6

Manual Integrations
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MMDadoda

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#48

Methyl methacrylate

Concen: 47.641 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

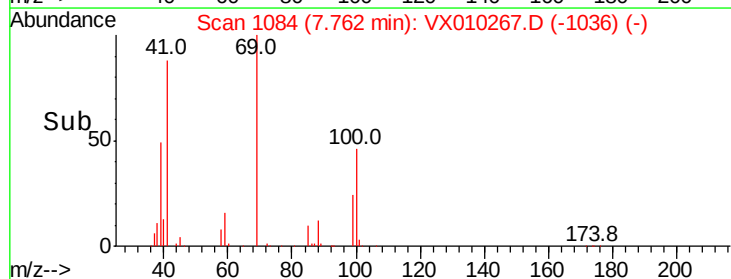
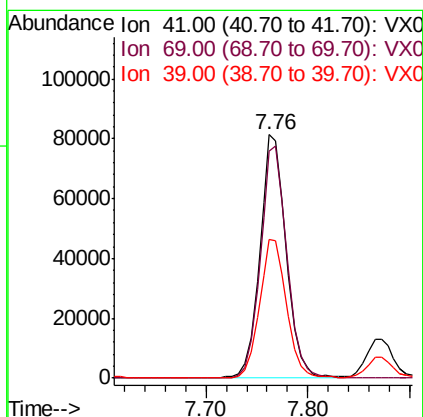
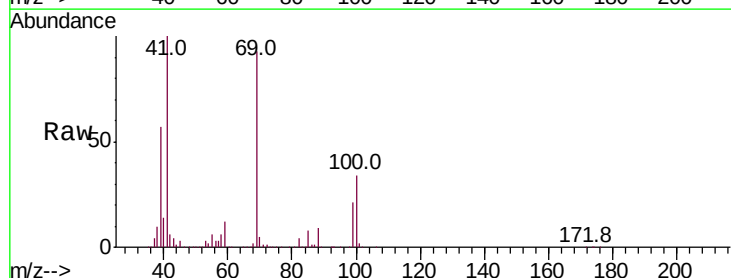
Tgt Ion: 41 Resp: 144467

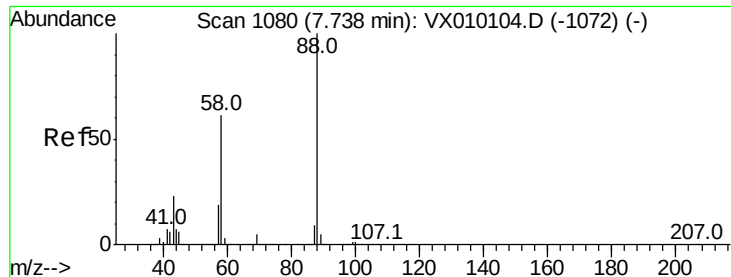
Ion Ratio Lower Upper

41 100

69 96.7 56.4 84.6#

39 59.1 40.6 60.8





#49

1,4-Dioxane

Concen: 933.253 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

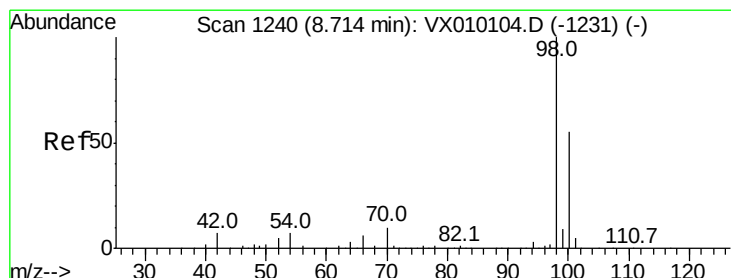
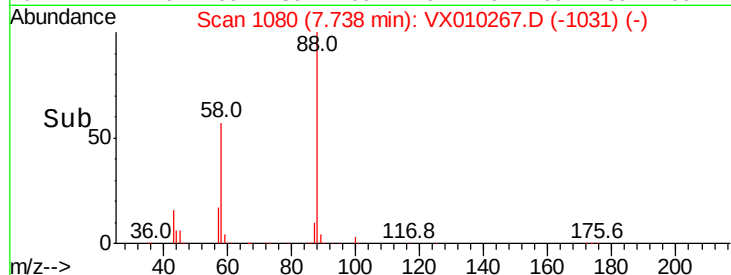
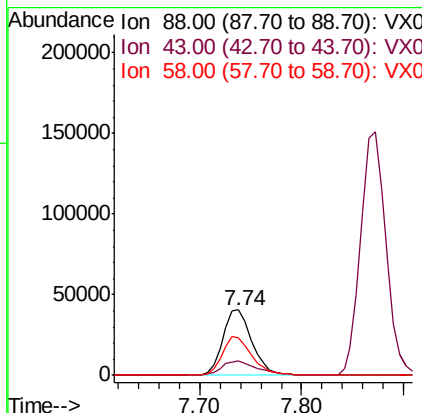
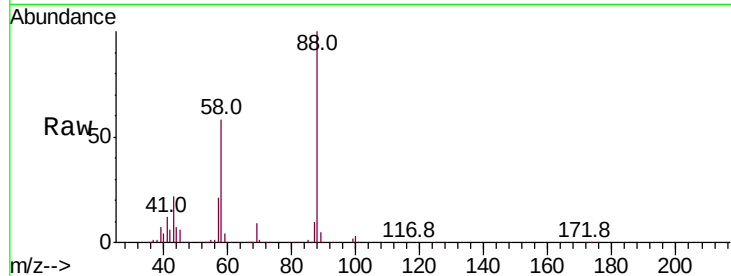
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	80686
Ion	Ratio	Lower	Upper
88	100		
43	25.2	30.2	45.4#
58	60.8	64.0	96.0#

Manual Integrations
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#50

Toluene-d8

Concen: 49.178 ug/l

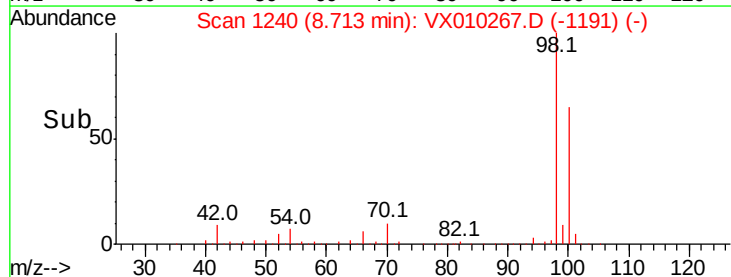
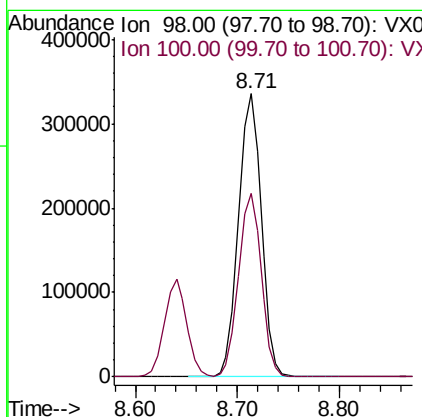
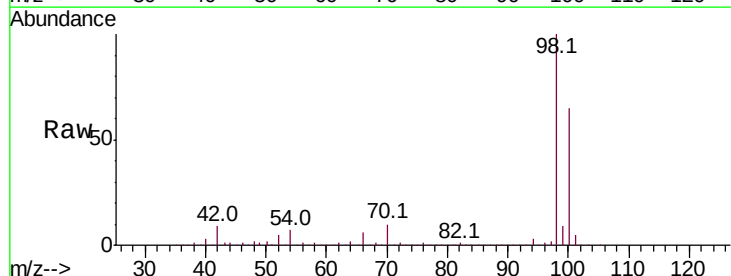
RT: 8.71 min Scan# 1240

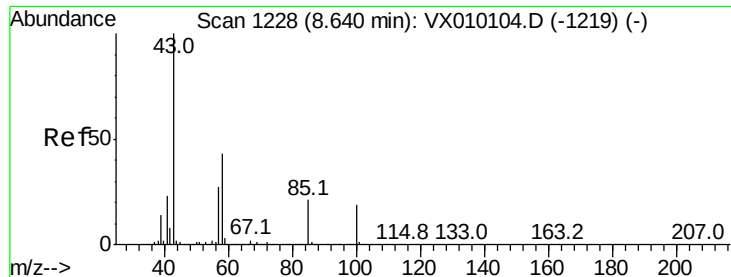
Delta R.T. 0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	98	Resp:	519373
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 252.091 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 976485

Ion Ratio Lower Upper

43 100

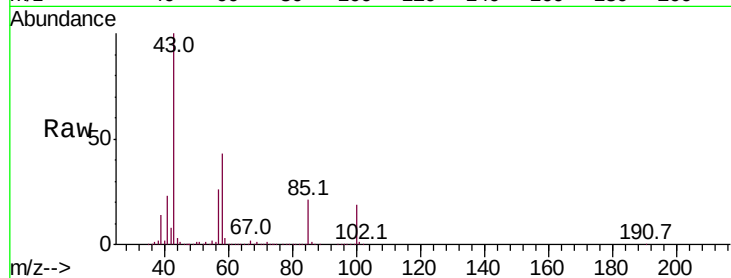
58 42.0 28.8 43.2

Manual Integrations

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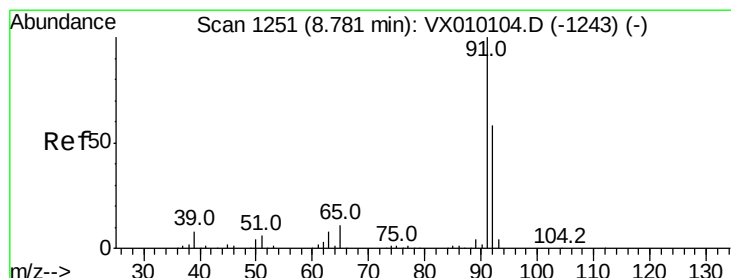
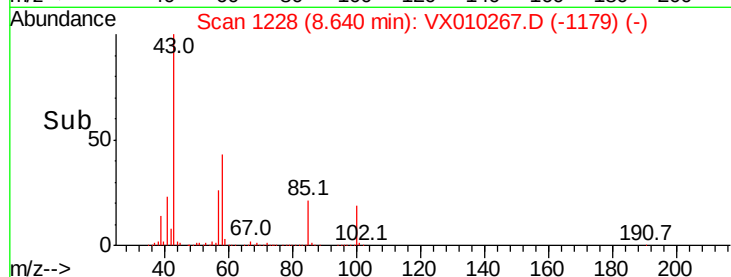
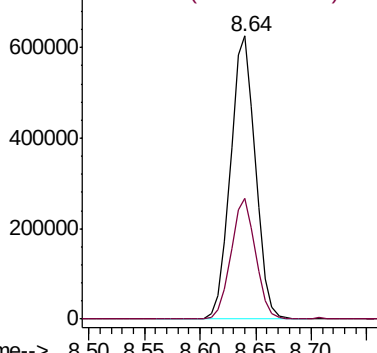
MMDadoda

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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: 48.411 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010267.D

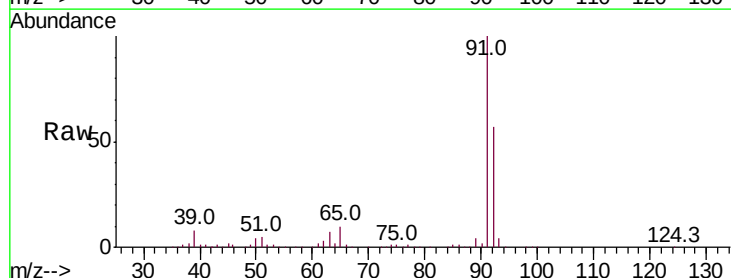
Acq: 13 Jun 2019 09:57

Tgt Ion: 92 Resp: 366758

Ion Ratio Lower Upper

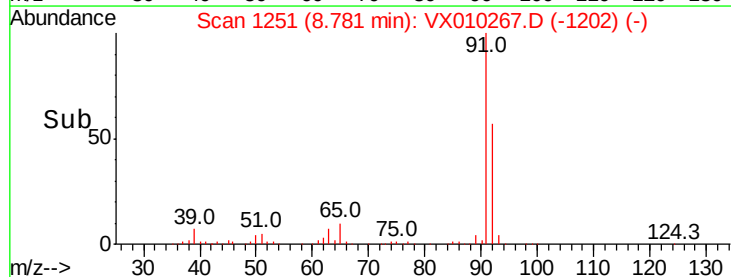
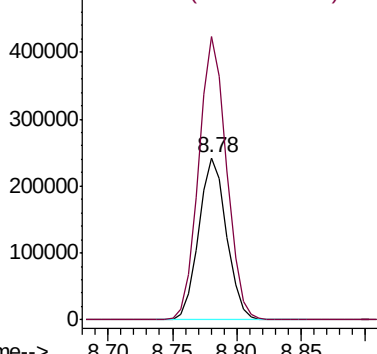
92 100

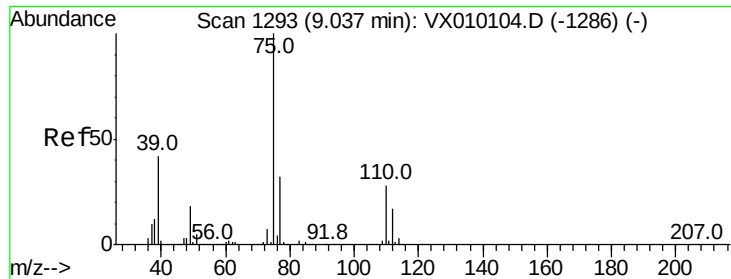
91 175.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.787 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 218541

Ion Ratio Lower Upper

75 100

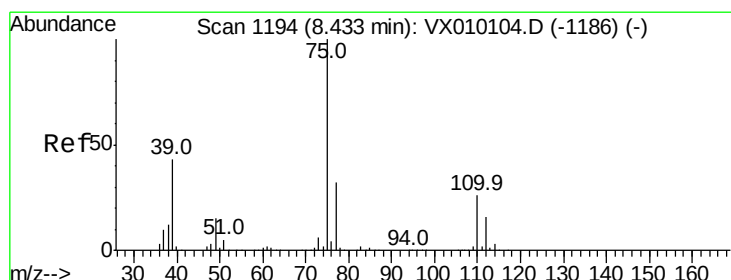
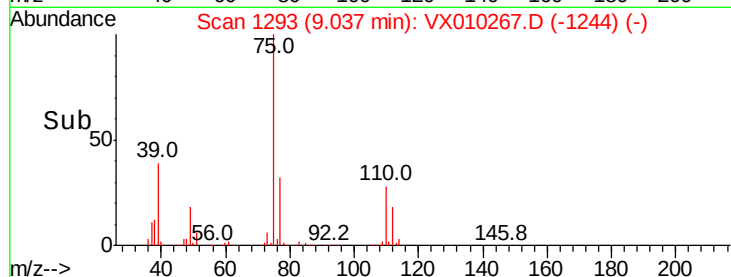
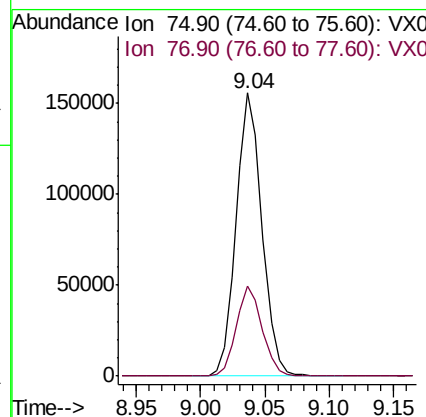
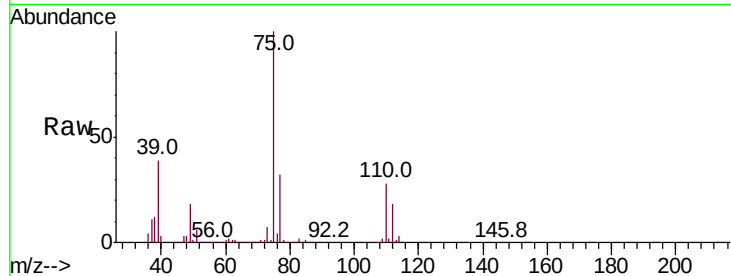
77 31.6 24.6 36.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.949 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

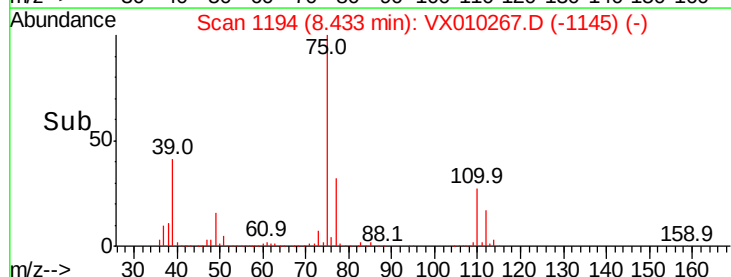
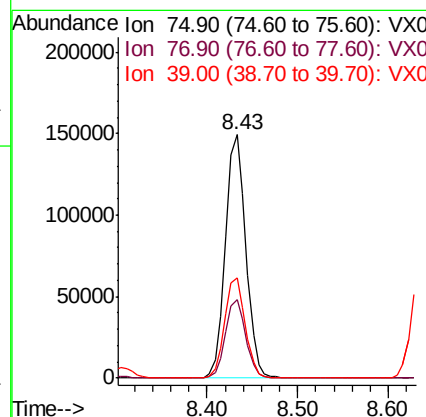
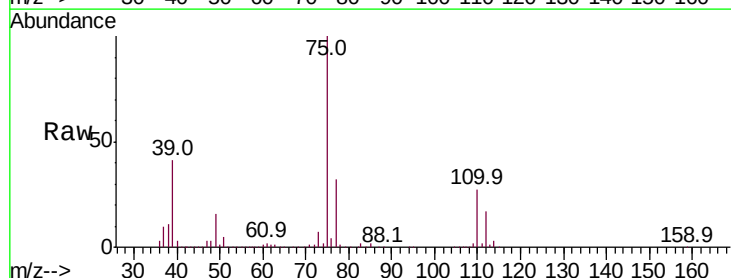
Tgt Ion: 75 Resp: 235095

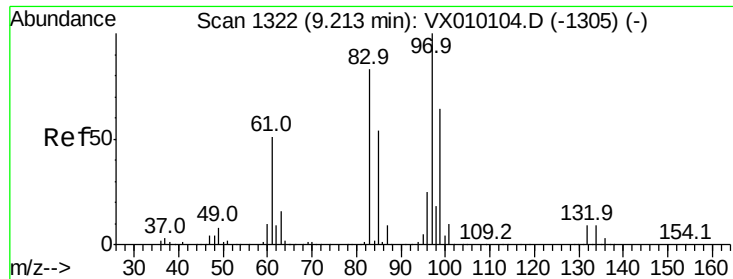
Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 40.9 43.4 65.0#





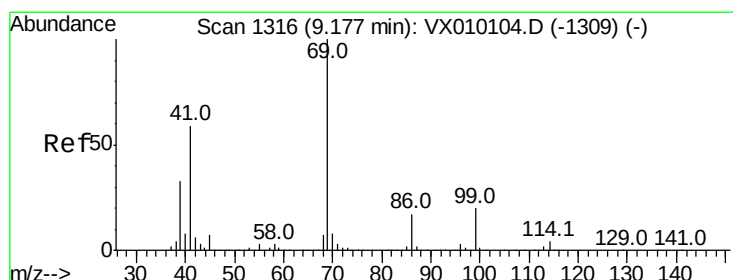
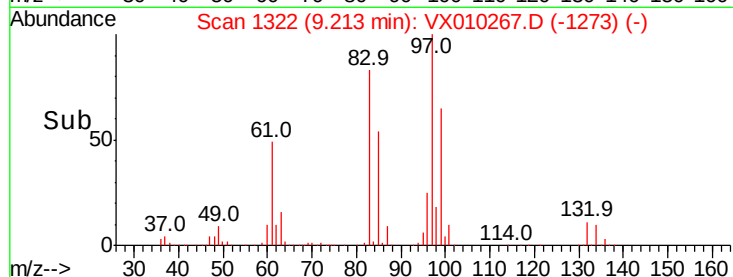
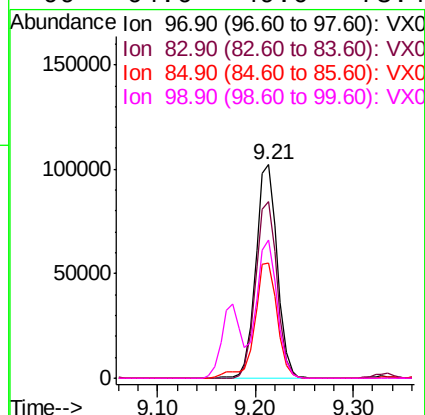
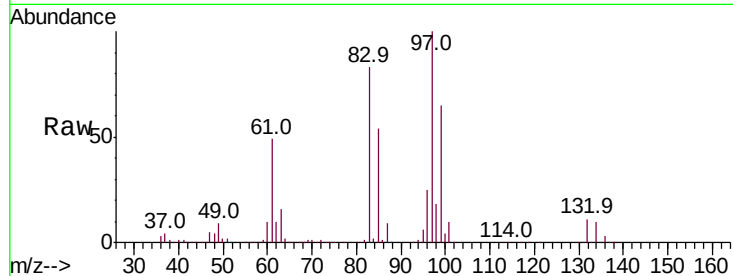
#55
 1,1,2-Trichloroethane
 Concen: 49.898 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.8	104.8
85	53.8	45.3	67.9
99	64.6	49.0	73.4

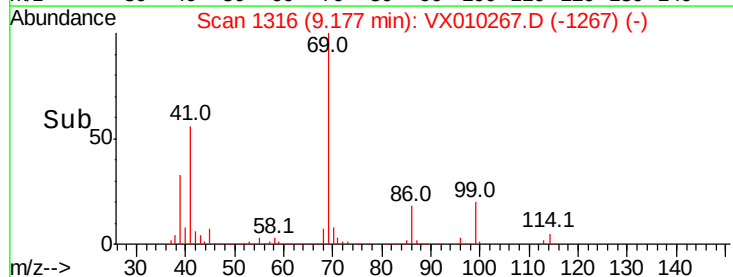
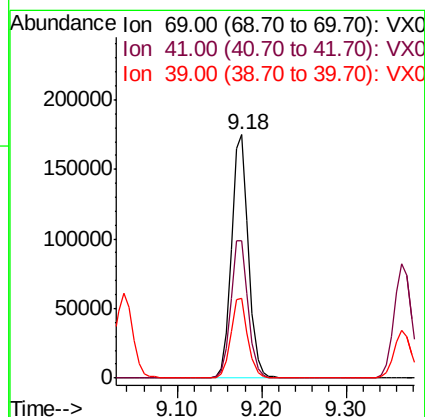
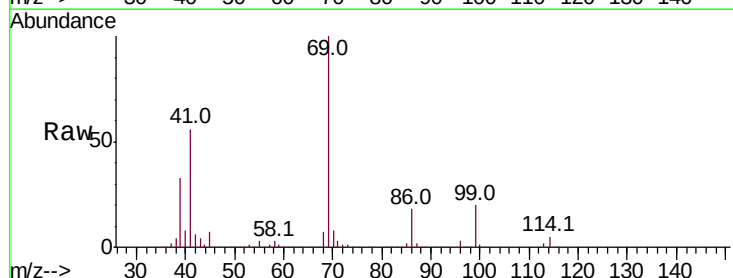
Manual Integrations
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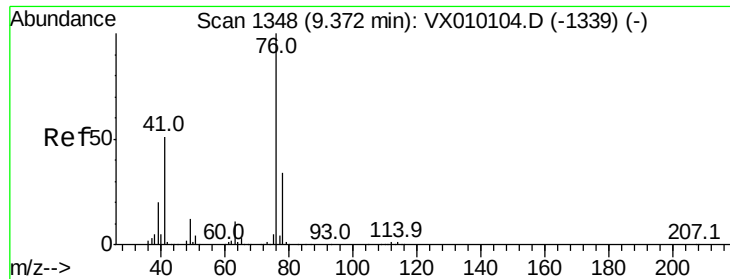
MMDadoda
 6/14/2019 9:17:24 AM



#56
 Ethyl methacrylate
 Concen: 48.906 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.6	62.7	94.1#
39	32.8	29.5	44.3





#57

1,3-Dichloropropane

Concen: 48.232 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

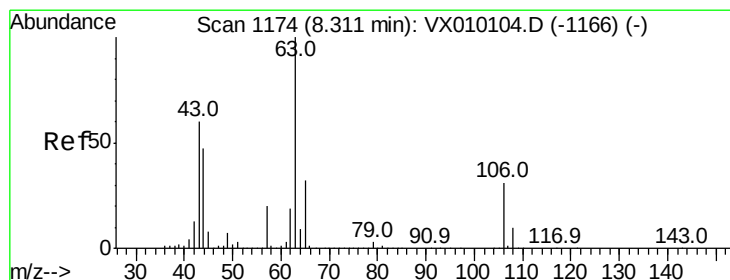
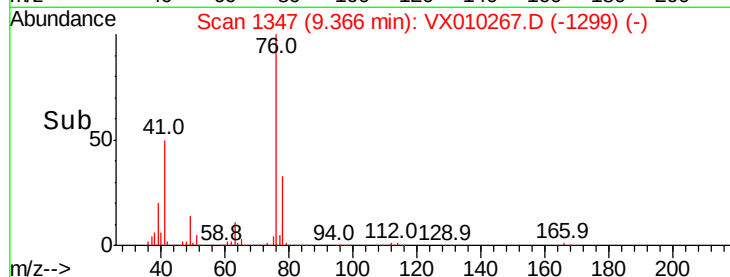
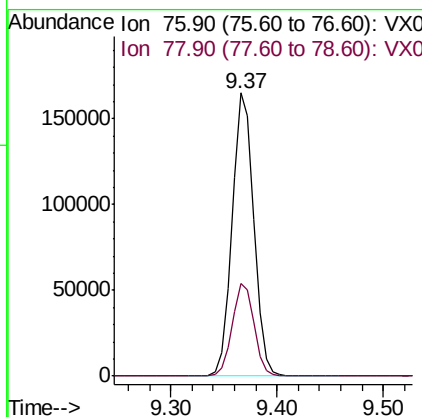
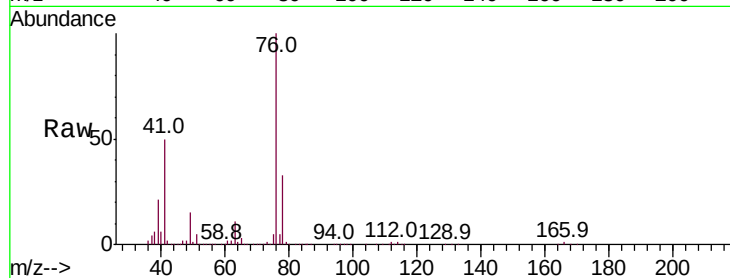
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 235598

Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.4	38.0

Manual Integrations
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6/14/2019 9:17:24 AM



#58

2-Chloroethyl Vinyl ether

Concen: 231.623 ug/l

RT: 8.30 min Scan# 1173

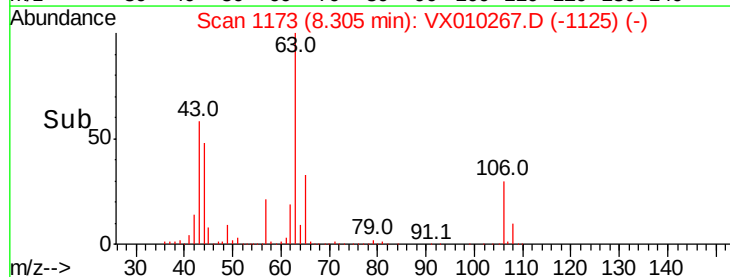
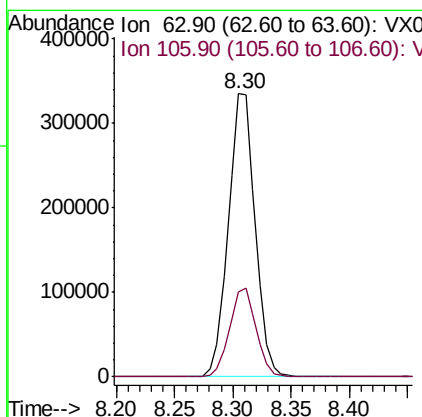
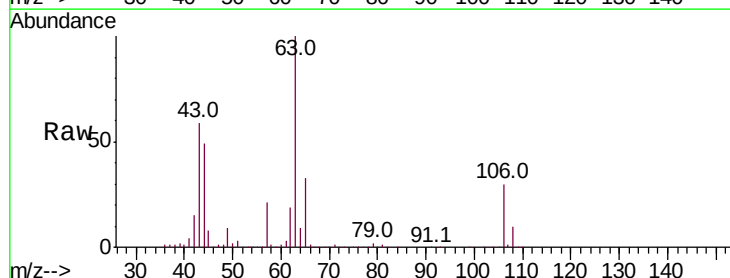
Delta R.T. -0.01 min

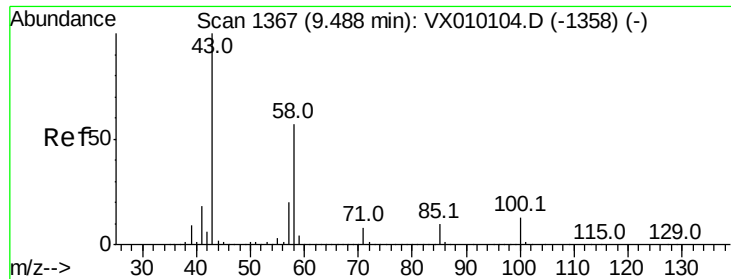
Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion: 63 Resp: 535173

Ion	Ratio	Lower	Upper
63	100		
106	31.1	19.4	29.2





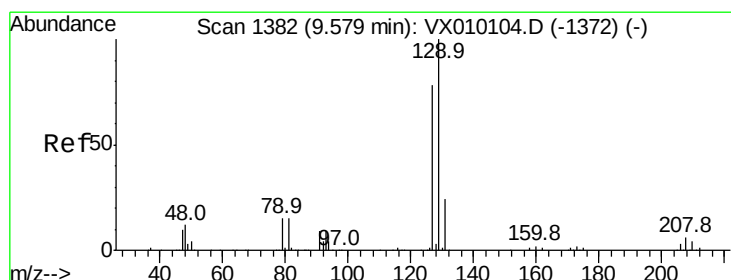
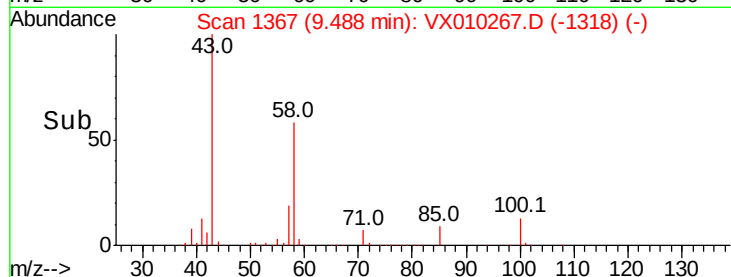
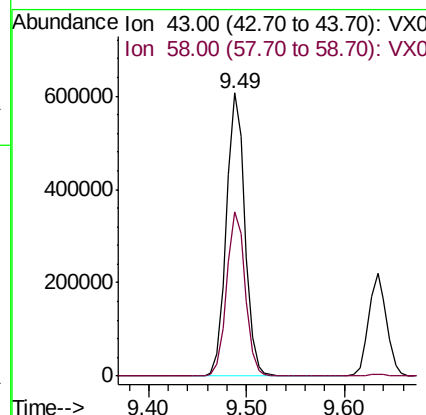
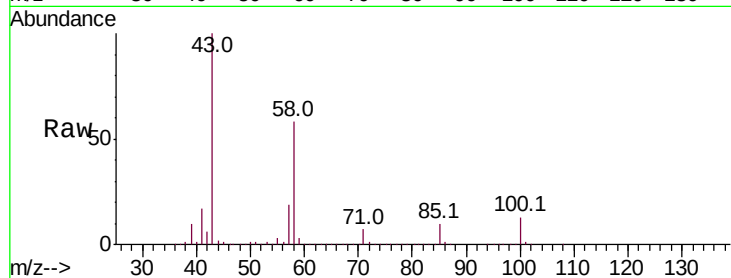
#59
2-Hexanone
Concen: 257.870 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 796410
Ion Ratio Lower Upper
43 100
58 58.2 25.1 75.3

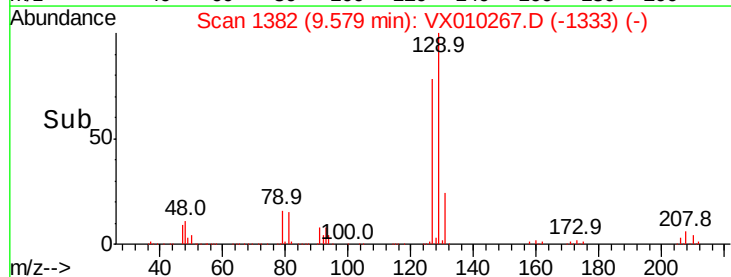
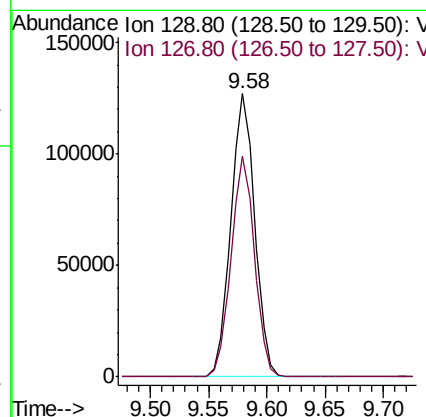
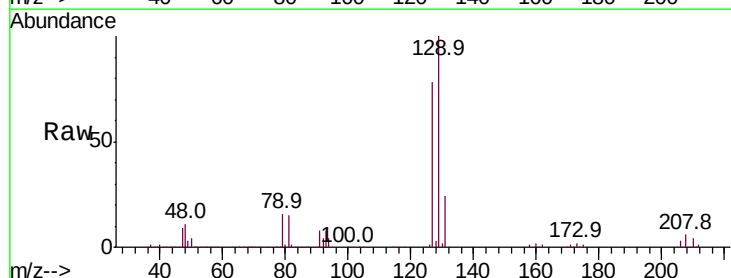
Manual Integrations
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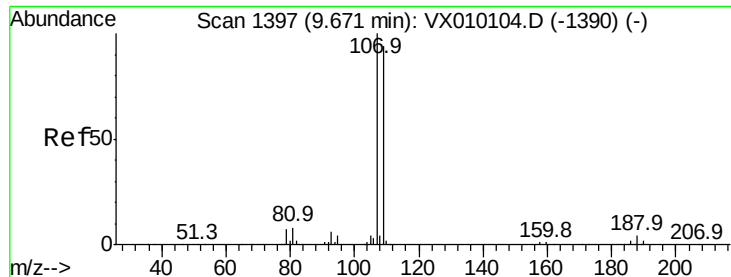
MMDadoda
6/14/2019 9:17:24 AM



#60
Dibromochloromethane
Concen: 49.419 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 129 Resp: 181365
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.194 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 166540

Ion Ratio Lower Upper

107 100

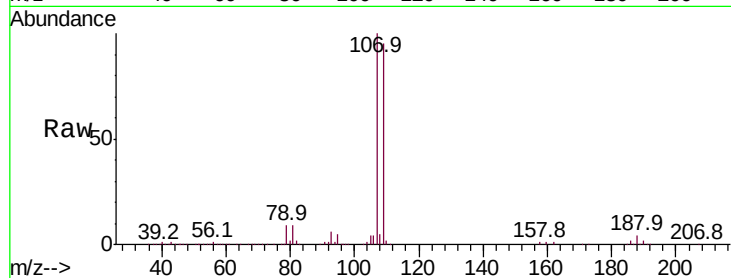
109 94.8 75.4 113.2

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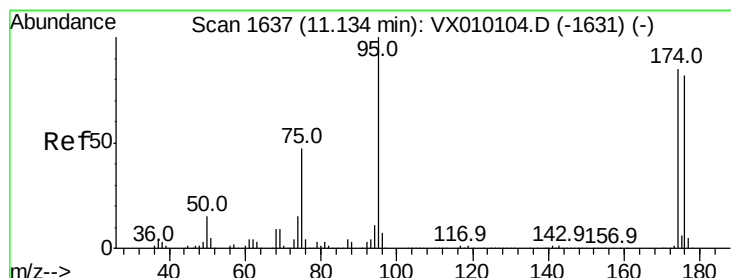
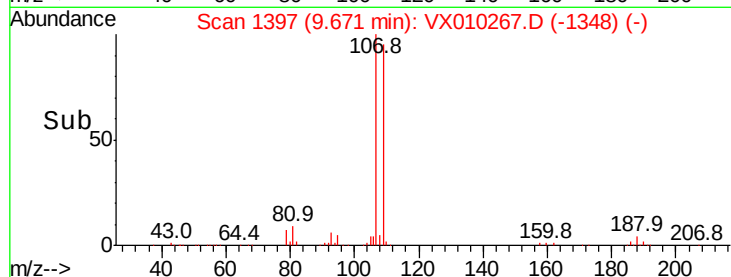
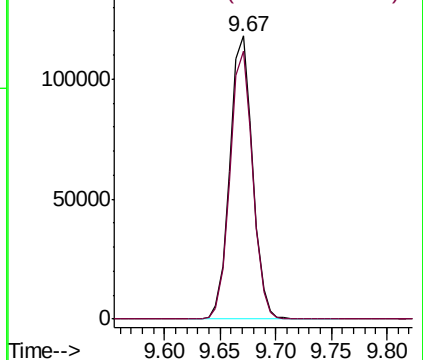
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.688 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

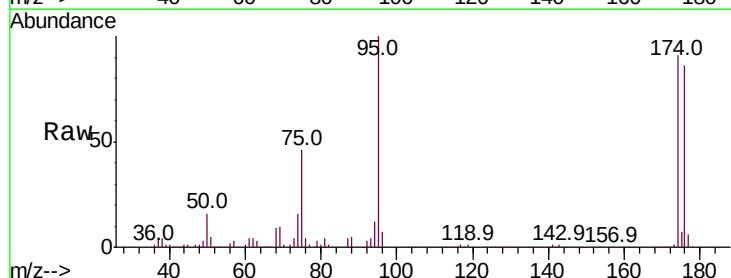
Tgt Ion: 95 Resp: 192032

Ion Ratio Lower Upper

95 100

174 93.7 0.0 160.4

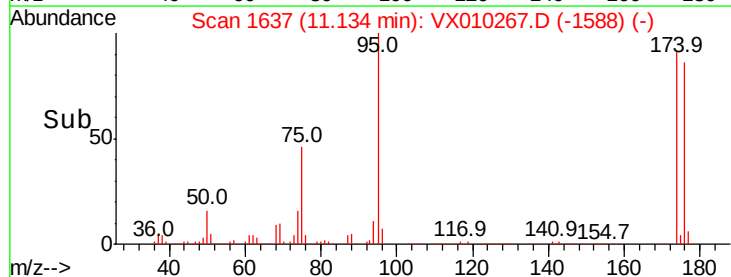
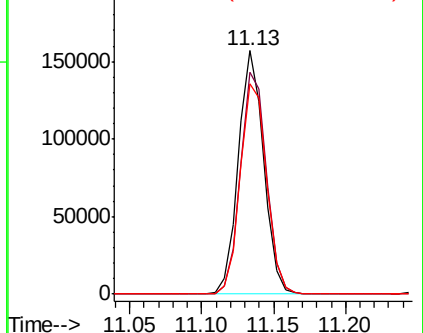
176 89.8 0.0 154.6

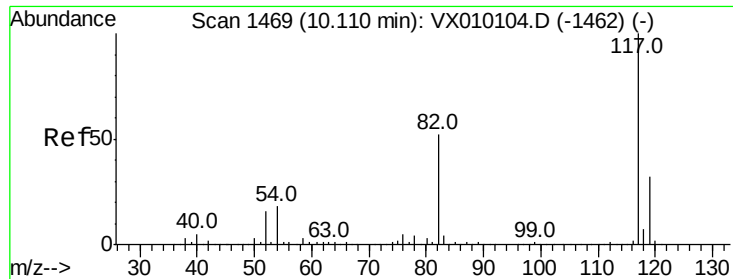


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





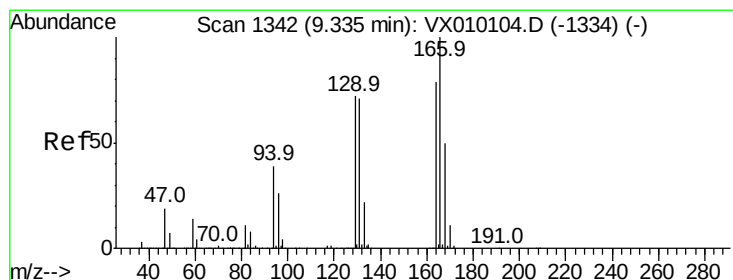
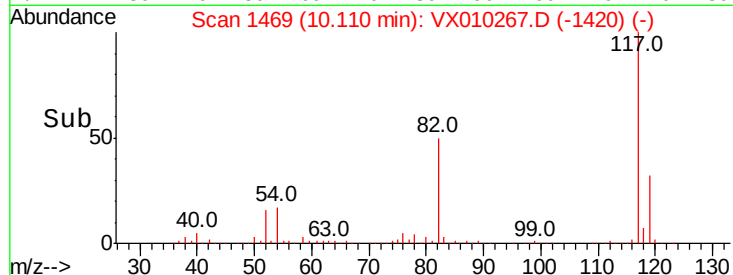
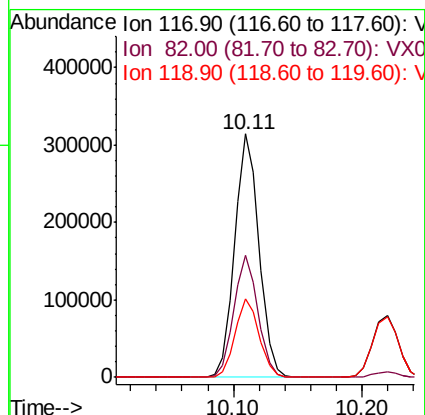
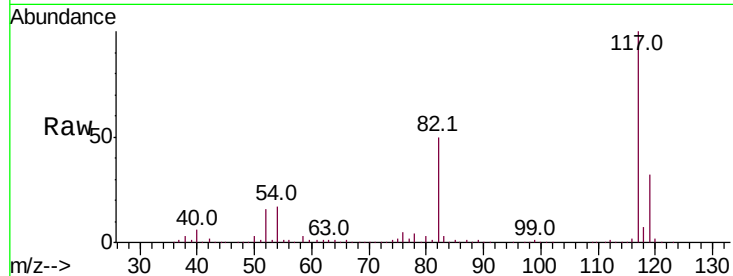
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	49.2	73.8
119	32.4	25.2	37.8

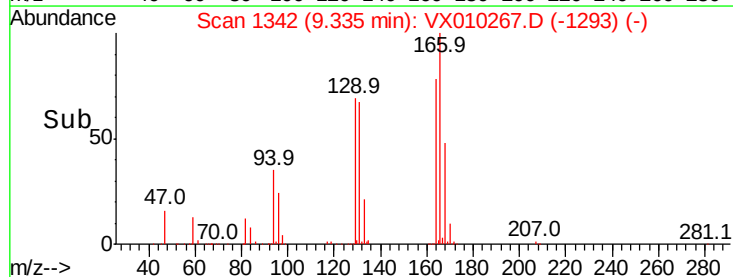
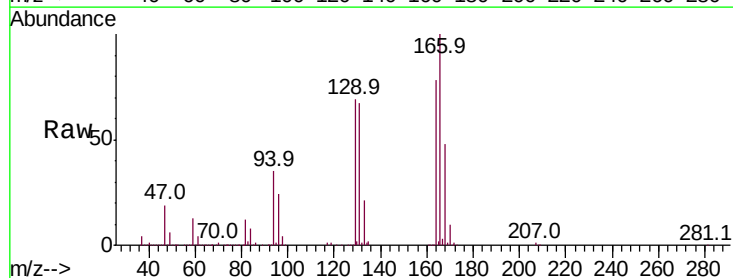
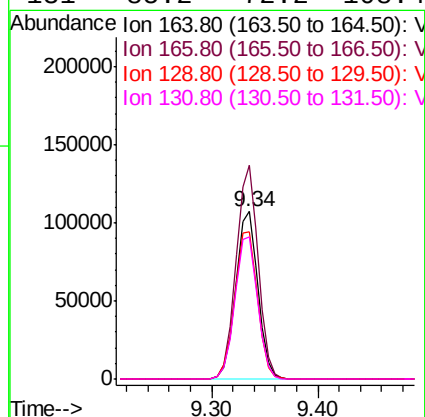
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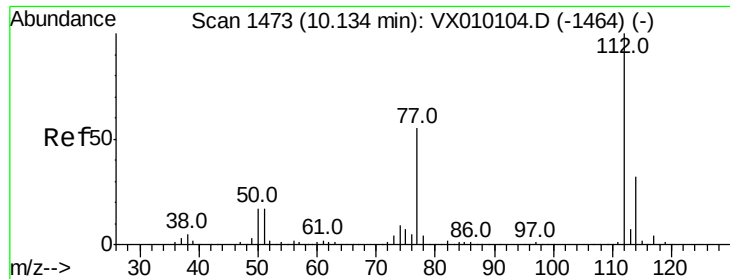
MMDadoda
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#64
Tetrachloroethene
Concen: 50.978 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	105.0	157.4
129	87.7	75.1	112.7
131	85.2	72.2	108.4





#65

Chlorobenzene

Concen: 49.713 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 425093

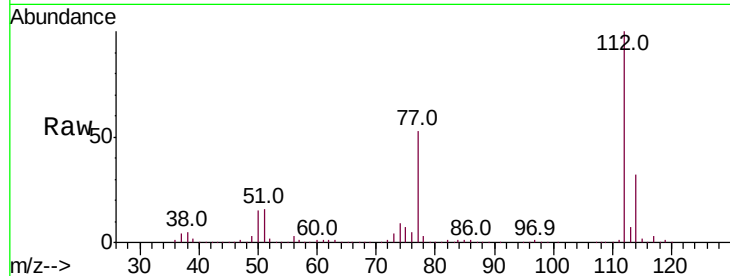
Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8

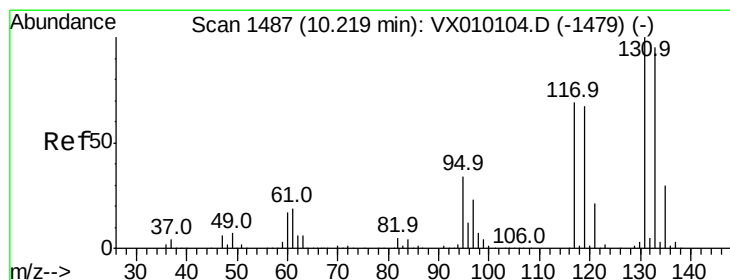
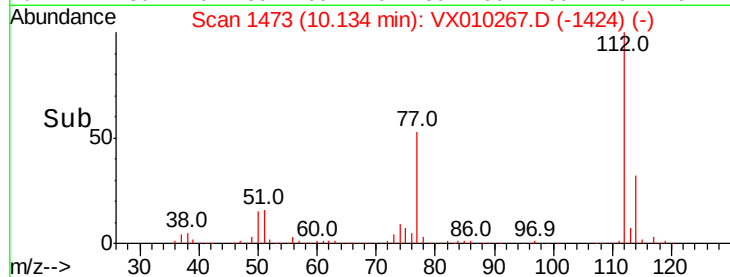
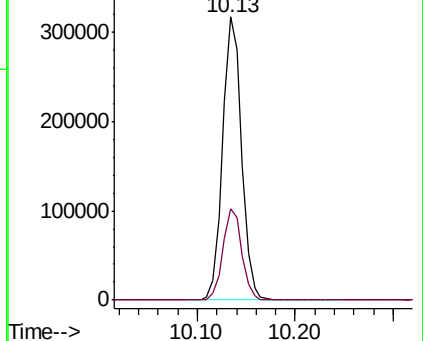
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.991 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

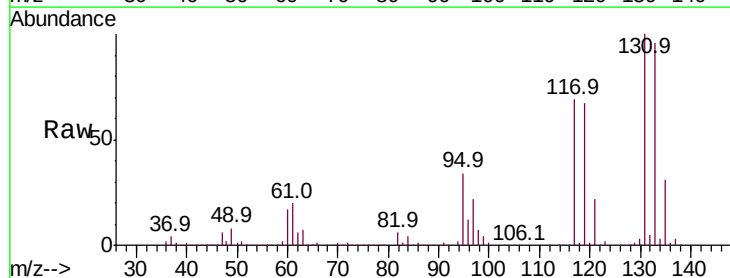
Tgt Ion:131 Resp: 161102

Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

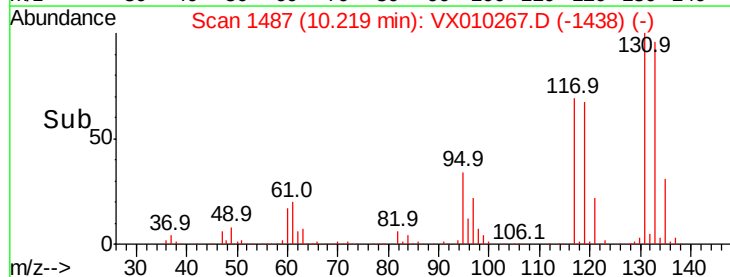
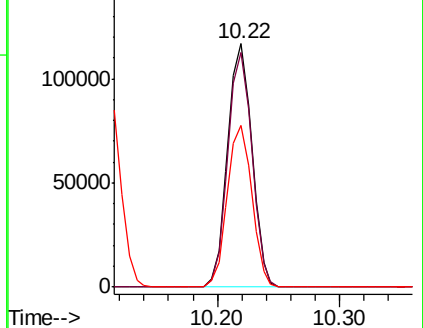
119 67.2 33.4 100.1

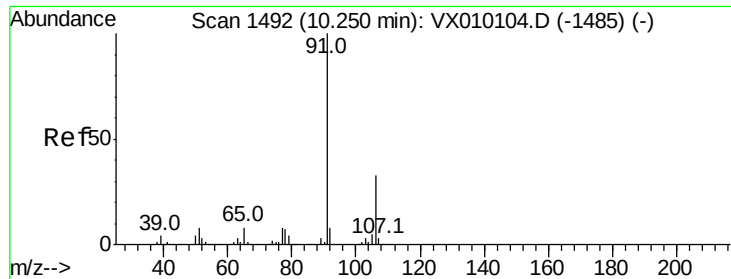


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.546 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 721234

Ion Ratio Lower Upper

91 100

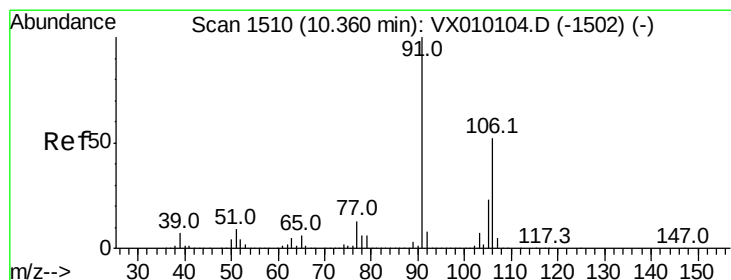
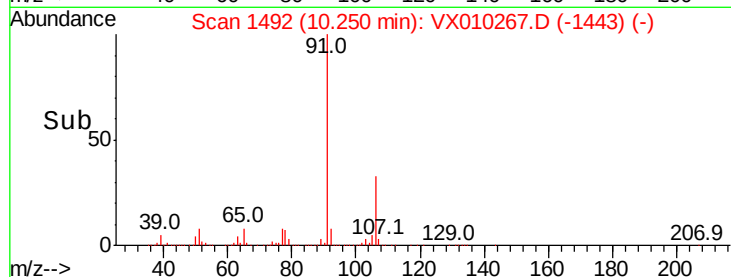
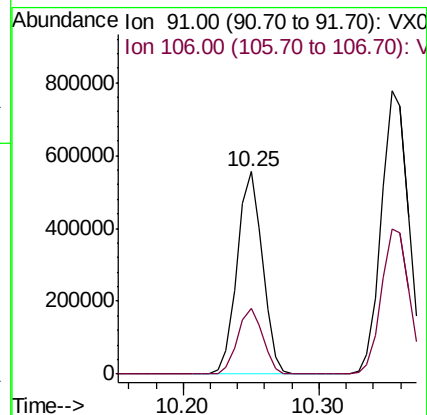
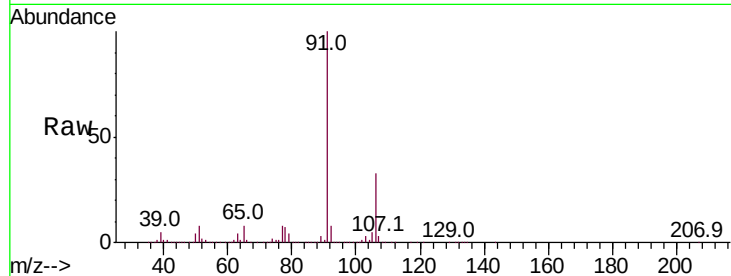
106 32.7 23.9 35.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.338 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010267.D

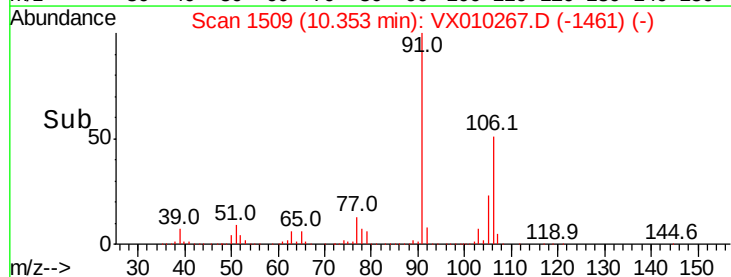
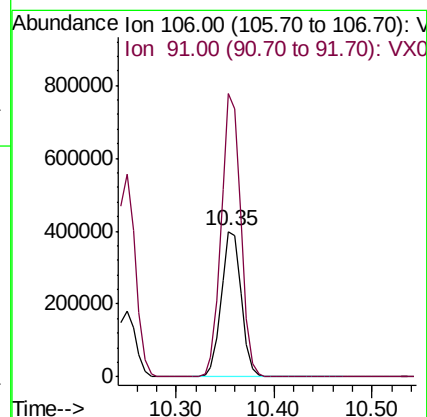
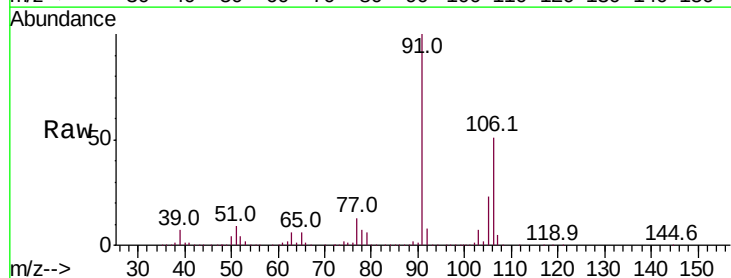
Acq: 13 Jun 2019 09:57

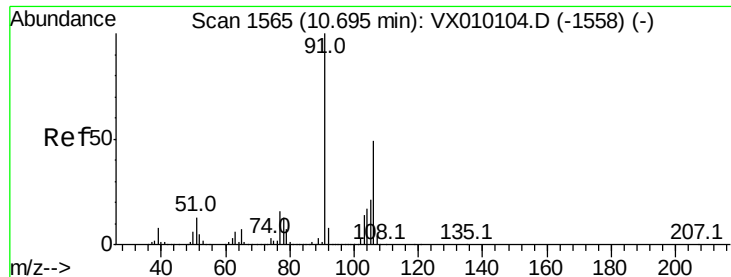
Tgt Ion: 106 Resp: 559574

Ion Ratio Lower Upper

106 100

91 192.2 167.3 250.9





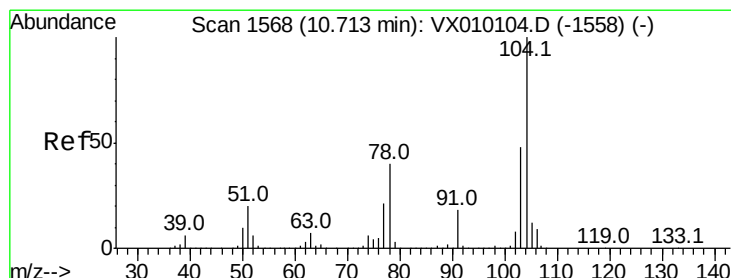
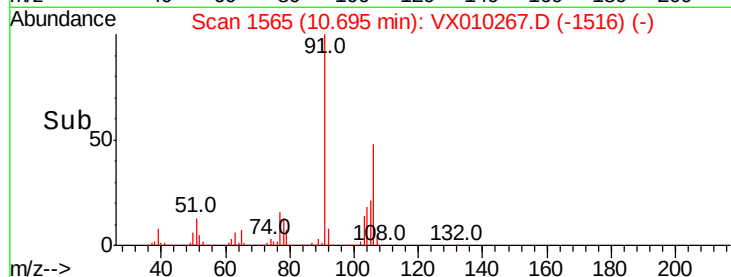
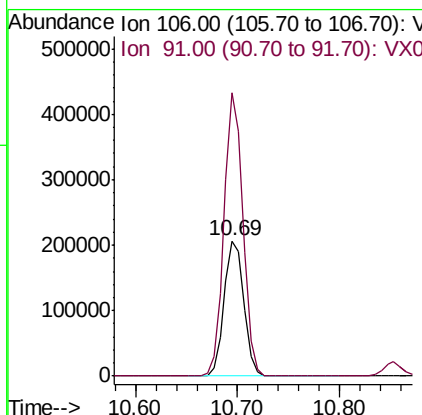
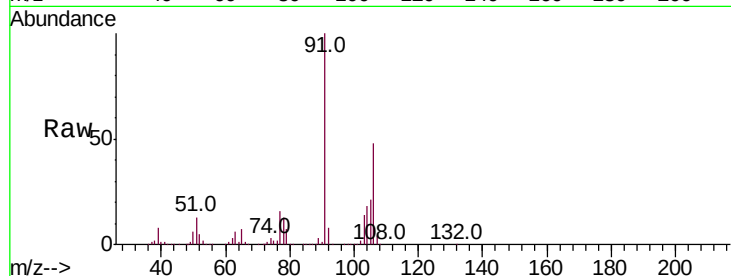
#69
o-Xylene
Concen: 49.293 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.0	110.4	331.2

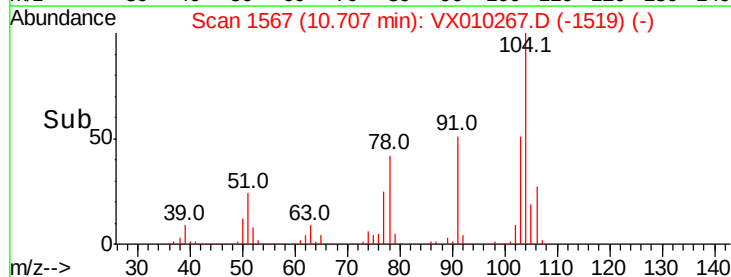
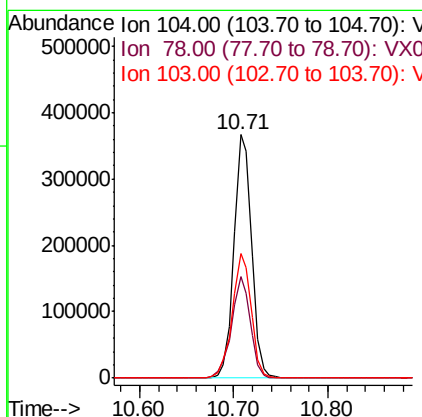
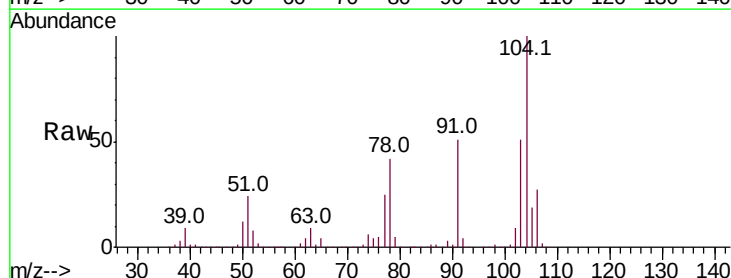
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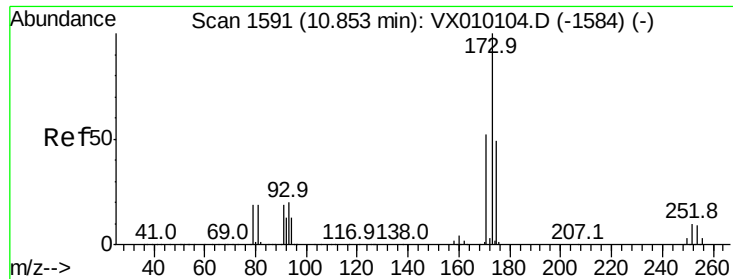
MMDadoda
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#70
Styrene
Concen: 50.105 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.7	42.1	63.1
103	54.8	44.1	66.1





#71

Bromoform

Concen: 48.587 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 146882

Ion Ratio Lower Upper

173 100

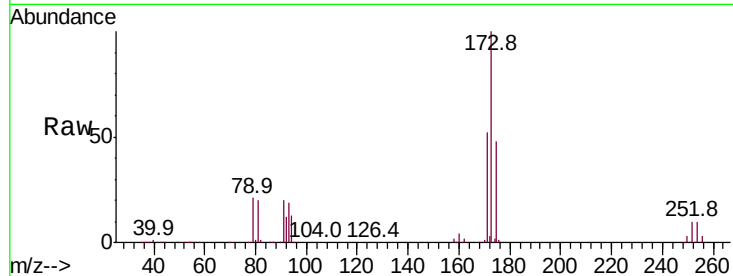
175 49.1 25.0 75.0

254 0.1 0.2 0.2#

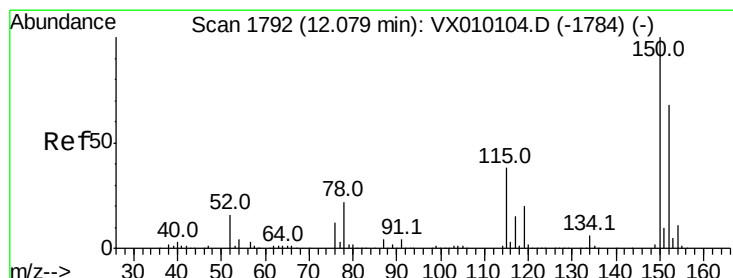
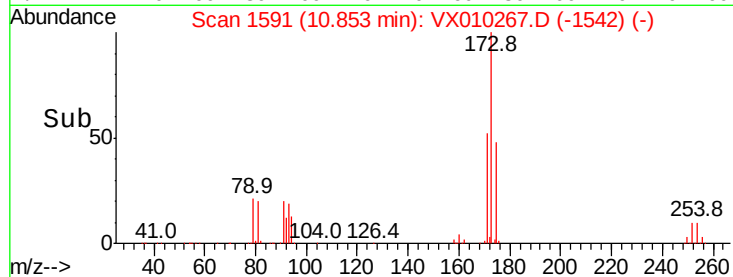
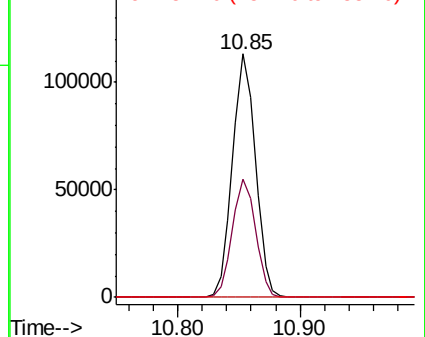
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

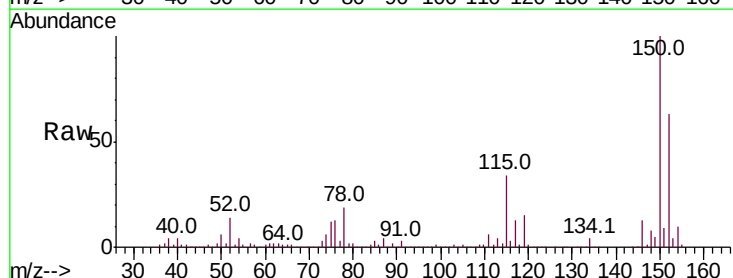
Tgt Ion:152 Resp: 216334

Ion Ratio Lower Upper

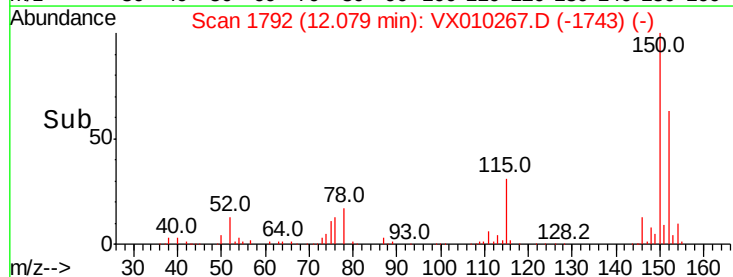
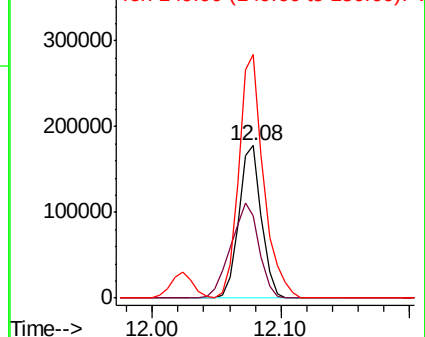
152 100

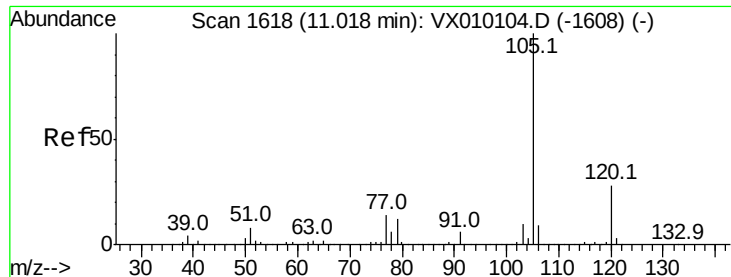
115 77.8 41.4 124.2

150 174.5 0.0 345.2



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





#73

Isopropylbenzene

Concen: 48.631 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 734402

Ion Ratio Lower Upper

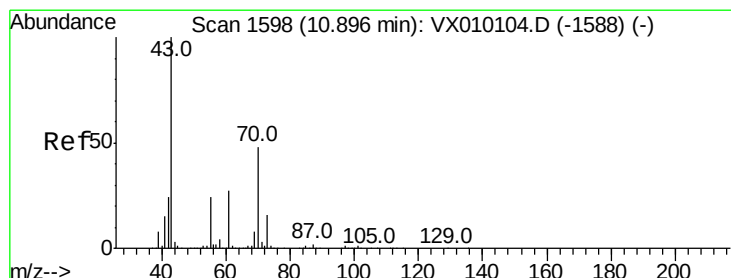
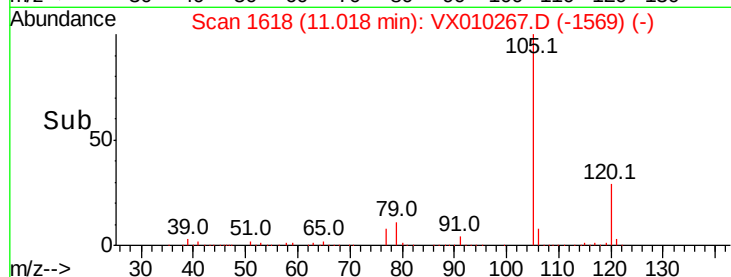
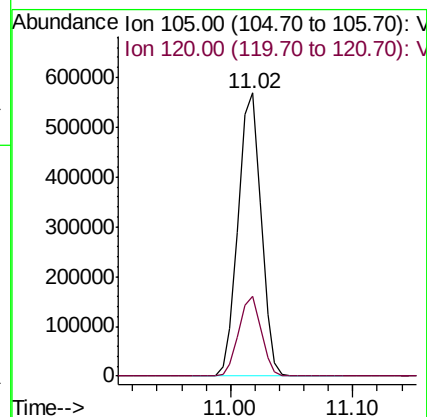
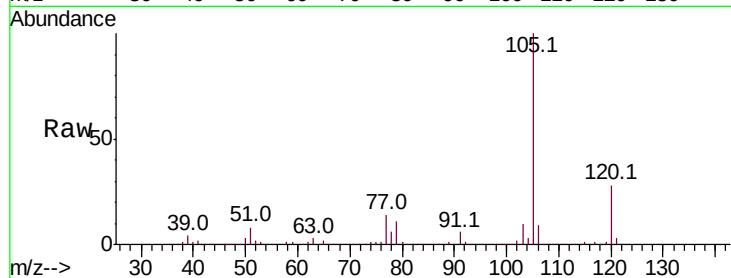
105 100

120 28.0 12.8 38.4

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#74

N-ethyl acetate

Concen: 46.503 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion: 43 Resp: 277606

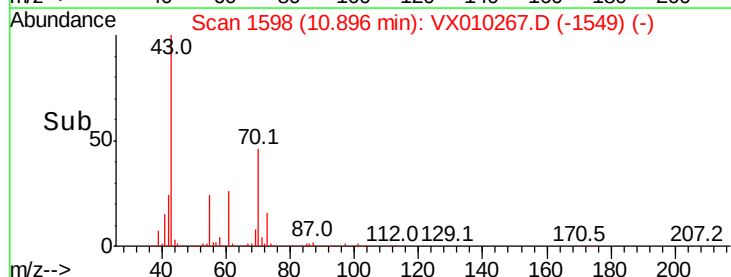
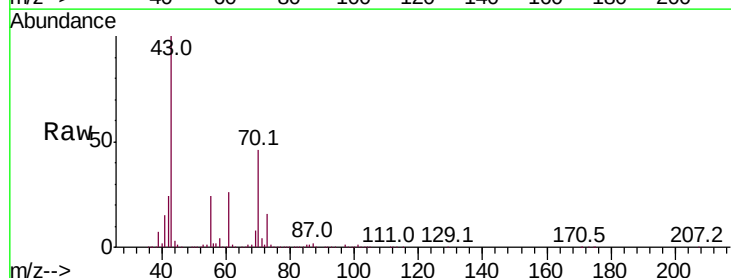
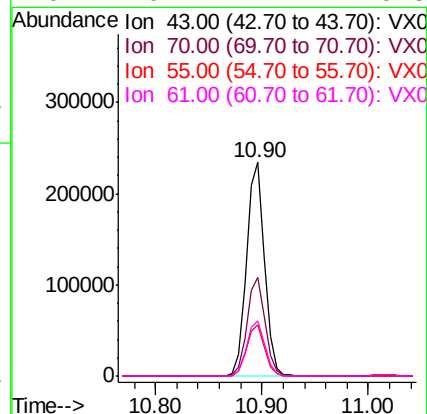
Ion Ratio Lower Upper

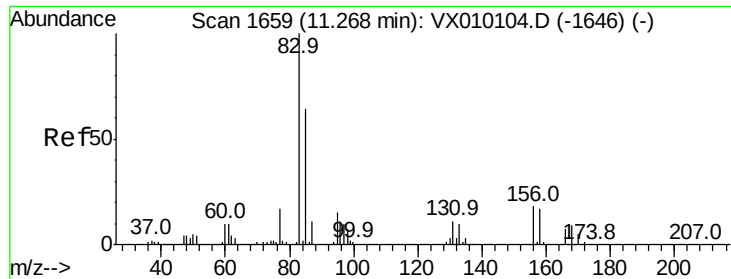
43 100

70 46.0 28.6 43.0#

55 23.9 17.8 26.8

61 26.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.602 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

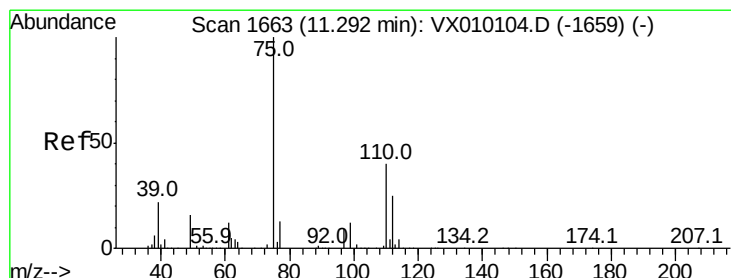
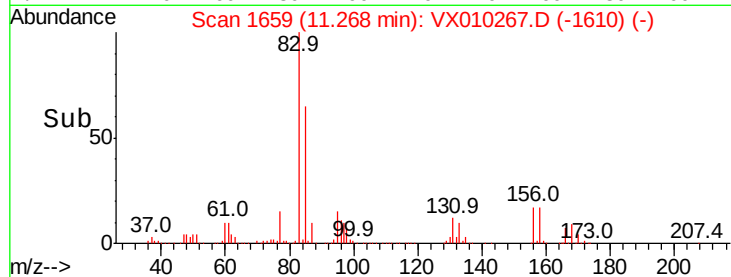
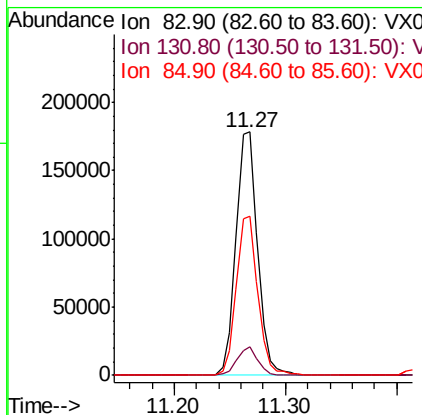
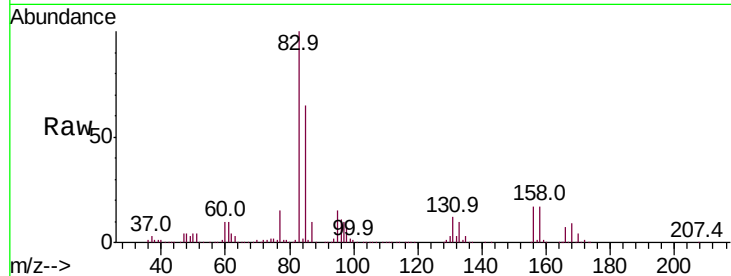
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	240902
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.7	14.1
85	65.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 46.829 ug/l m

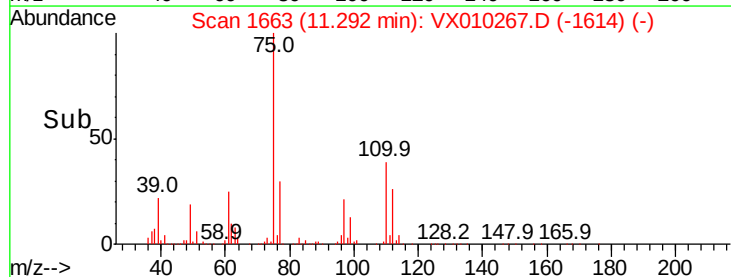
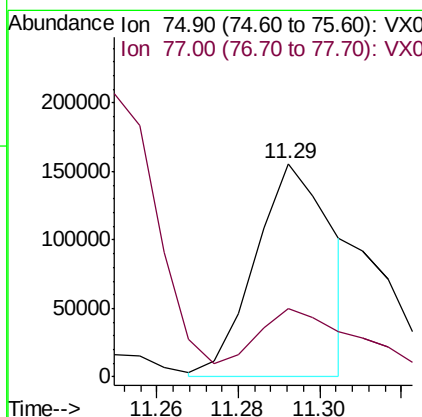
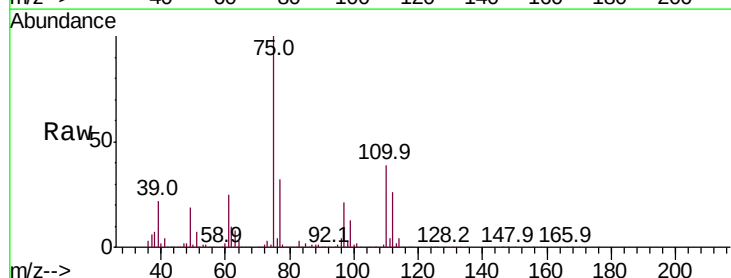
RT: 11.29 min Scan# 1663

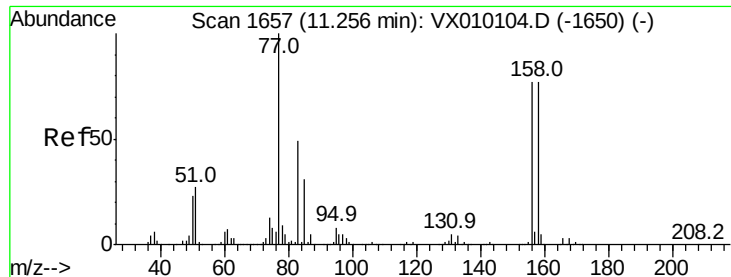
Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	75	Resp:	202632
Ion Ratio	Lower	Upper	
75	100		
77	43.9	22.1	66.1





#77

Bromobenzene

Concen: 48.373 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 200887

Ion Ratio Lower Upper

156 100

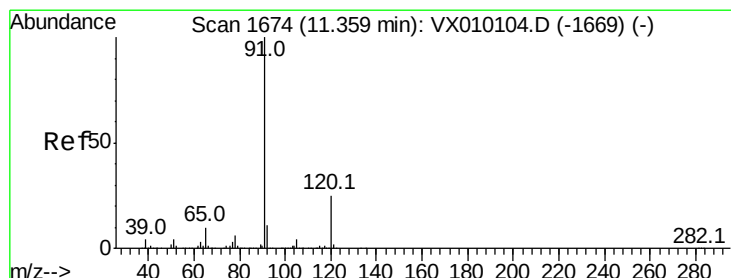
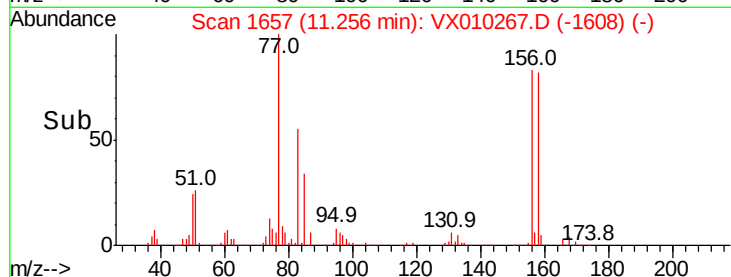
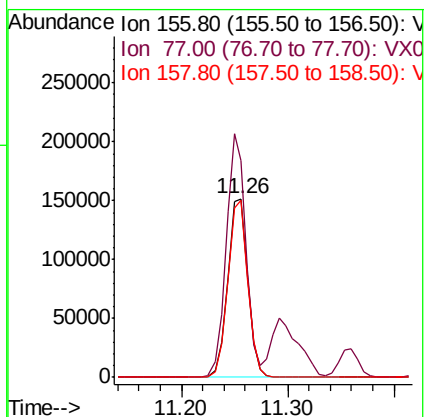
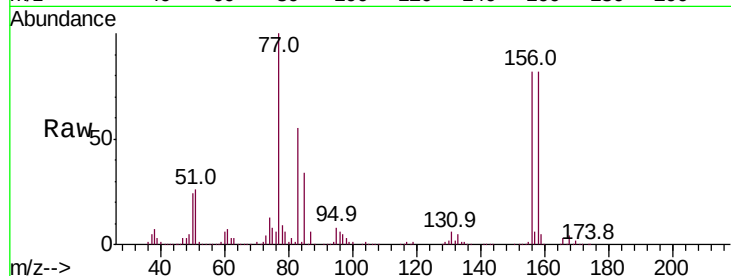
77 132.6 86.8 260.3

158 97.9 49.6 148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.355 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010267.D

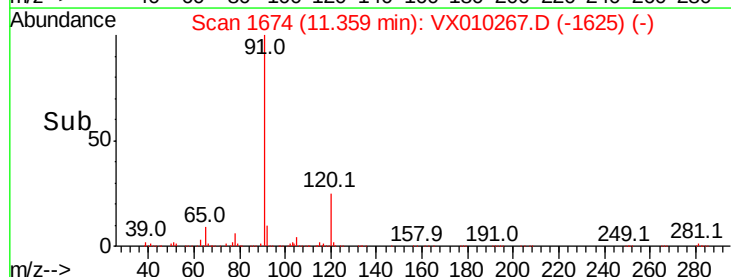
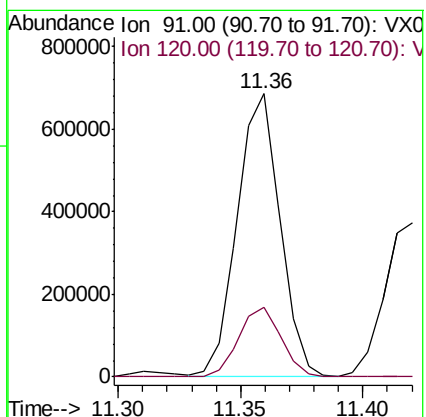
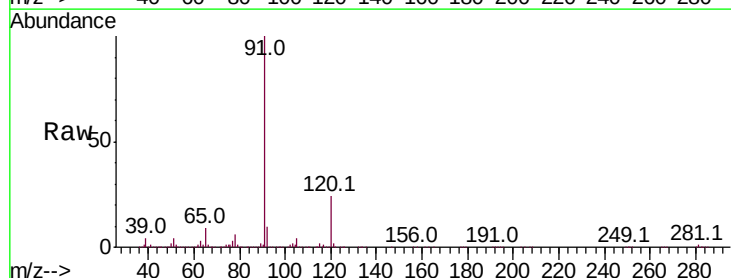
Acq: 13 Jun 2019 09:57

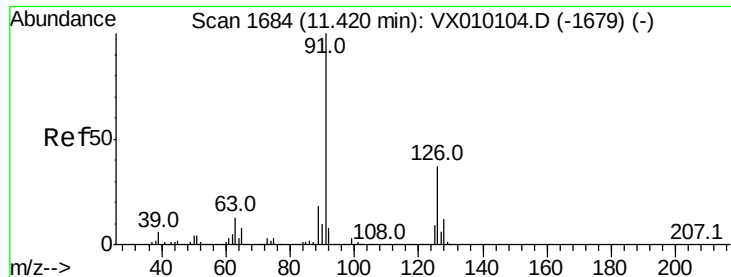
Tgt Ion: 91 Resp: 829779

Ion Ratio Lower Upper

91 100

120 24.6 11.1 33.3





#79

2-Chlorotoluene

Concen: 47.673 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 481372

Ion Ratio Lower Upper

91 100

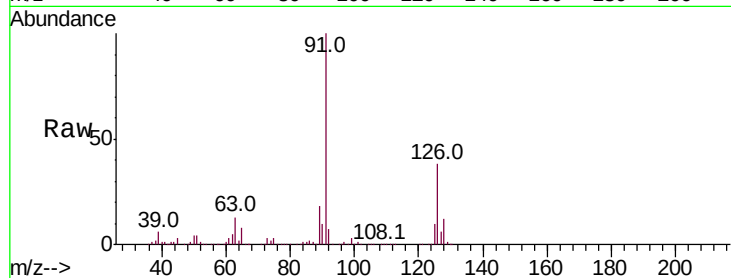
126 37.5 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)

800000

600000

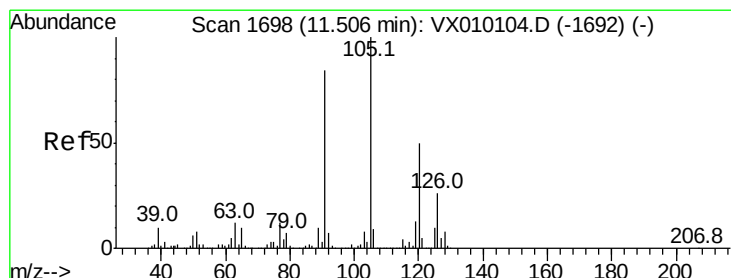
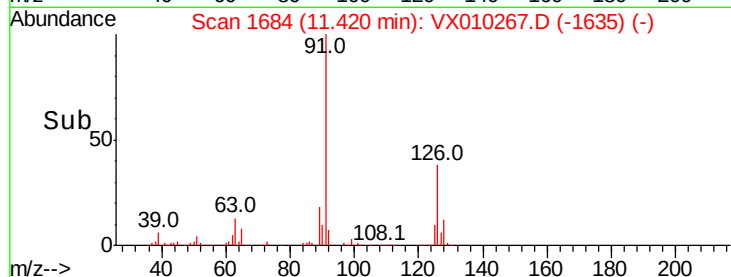
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.225 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010267.D

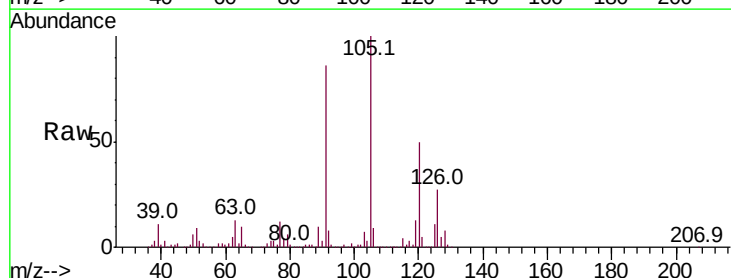
Acq: 13 Jun 2019 09:57

Tgt Ion: 105 Resp: 613395

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

600000

500000

400000

300000

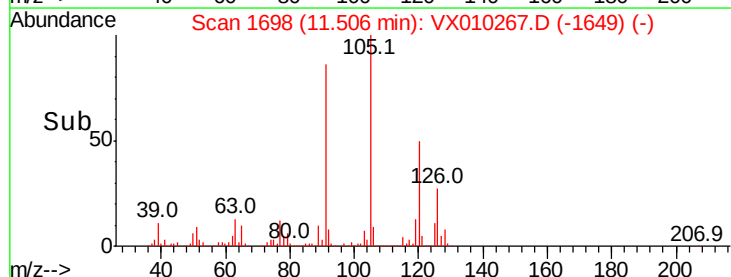
200000

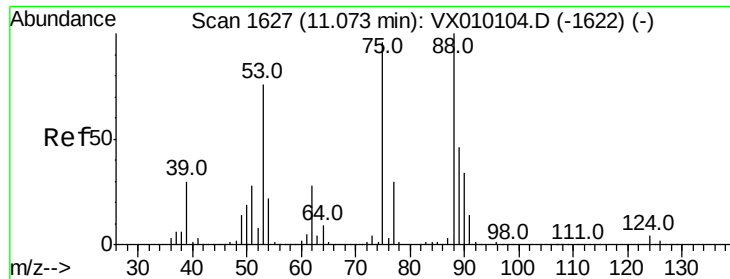
100000

0

11.50 11.51 11.60

Time-->





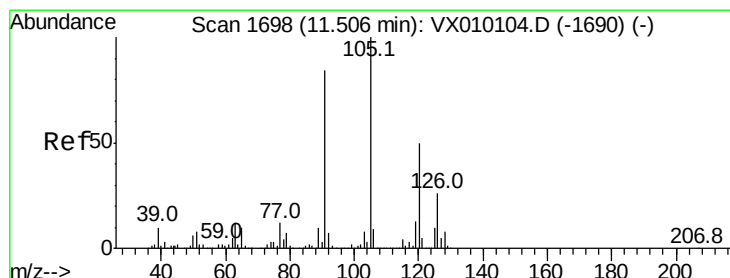
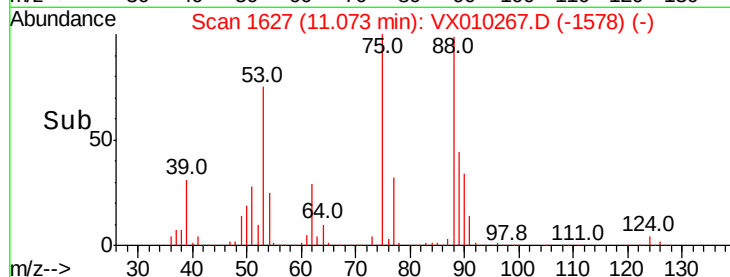
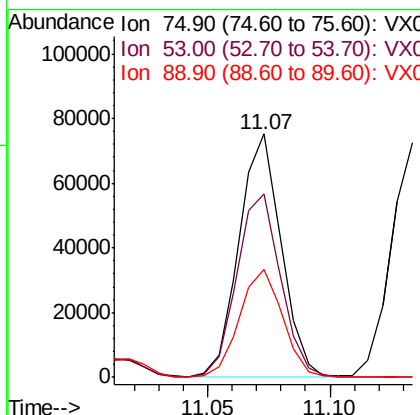
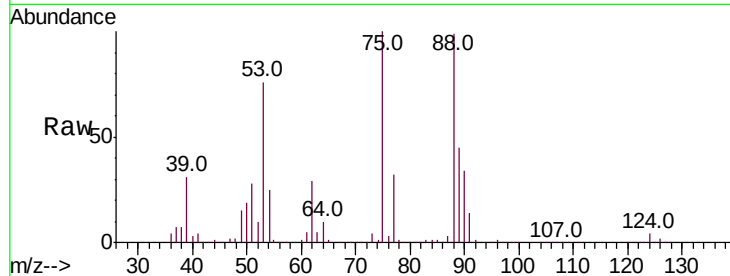
#81
trans-1,4-Dichloro-2-butene
Concen: 45.907 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 89907
Ion Ratio Lower Upper
75 100
53 78.2 79.8 119.6#
89 45.8 34.2 51.4

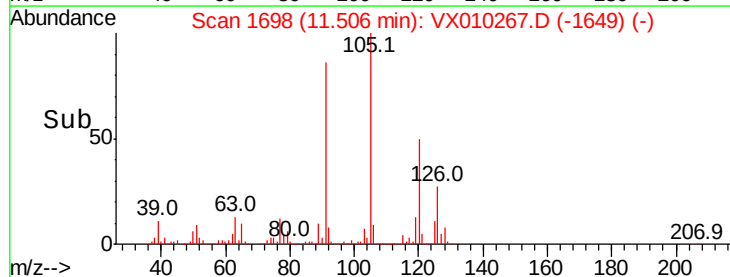
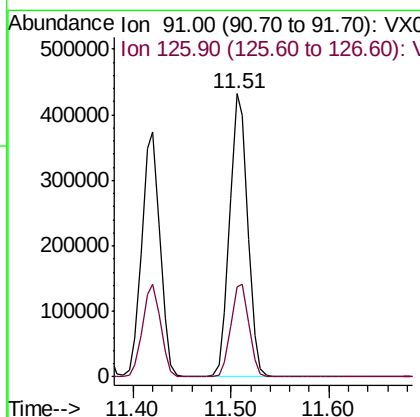
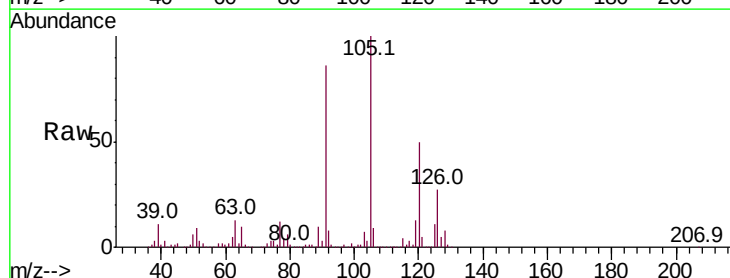
Manual Integrations
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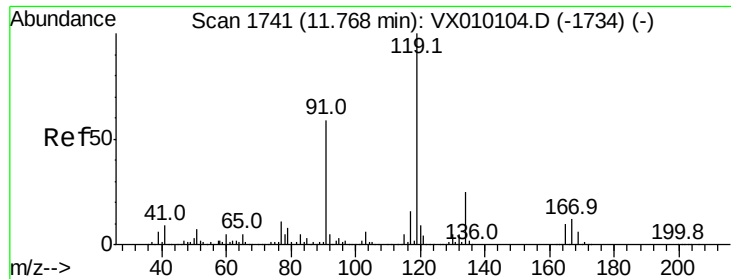
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.352 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion: 91 Resp: 554614
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





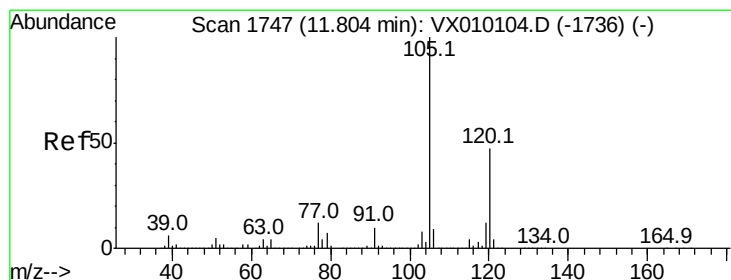
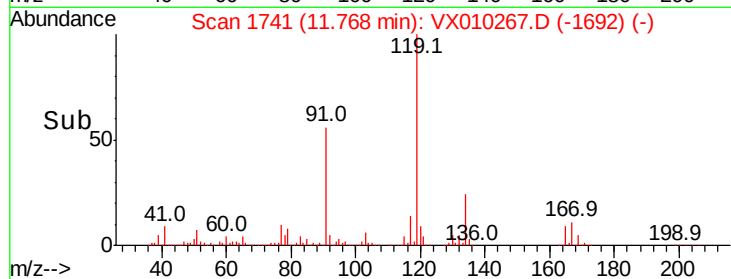
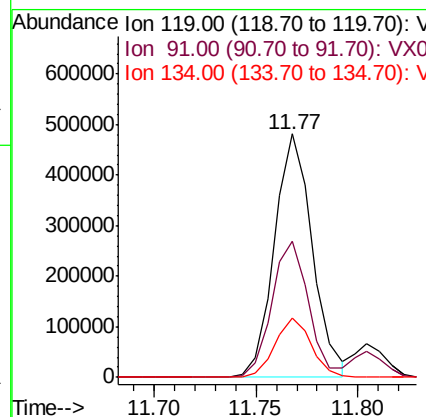
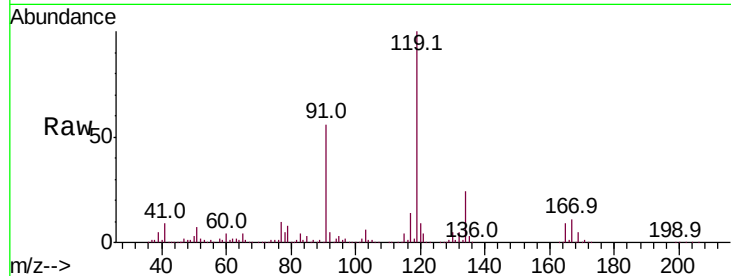
#83
tert-Butylbenzene
Concen: 48.542 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.3	30.0	90.0
134	23.4	11.2	33.5

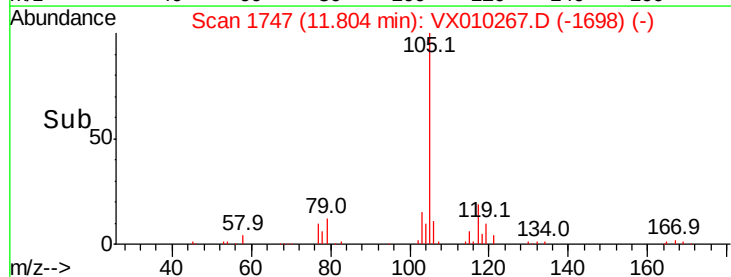
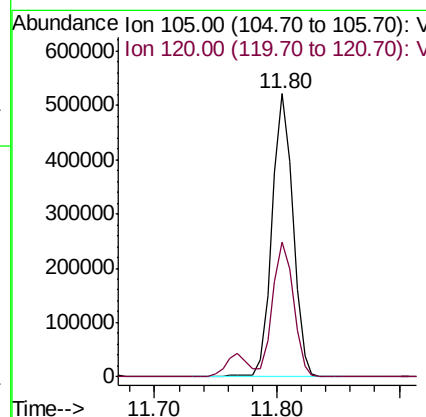
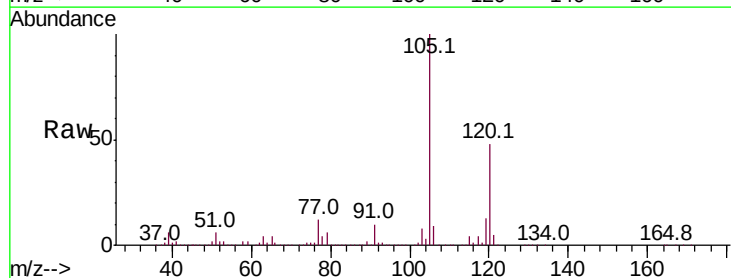
Manual Integrations
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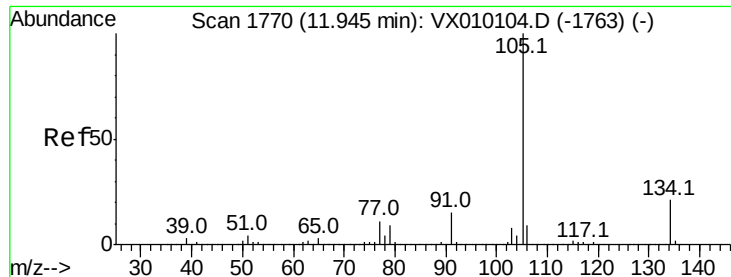
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.346 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	22.1	66.1





#85

sec-Butylbenzene

Concen: 49.565 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 743414

Ion Ratio Lower Upper

105 100

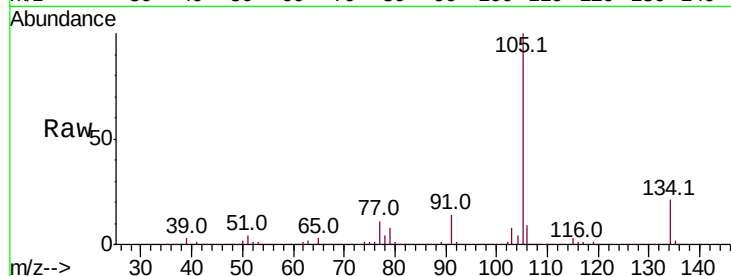
134 21.1 9.7 28.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

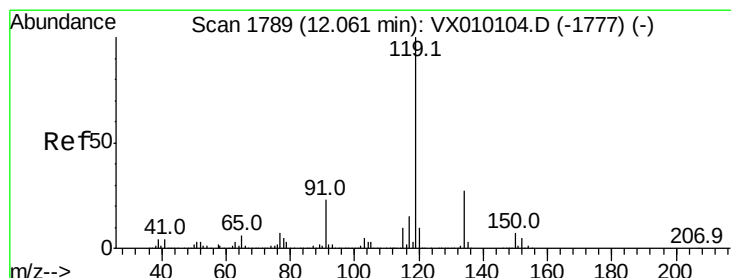
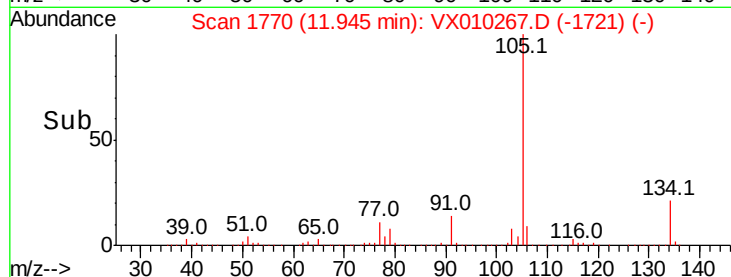
400000

200000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 50.036 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

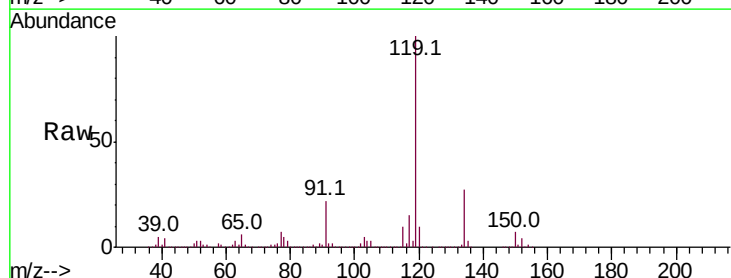
Tgt Ion:119 Resp: 686075

Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

91 21.8 11.9 35.9



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

12.06

800000

600000

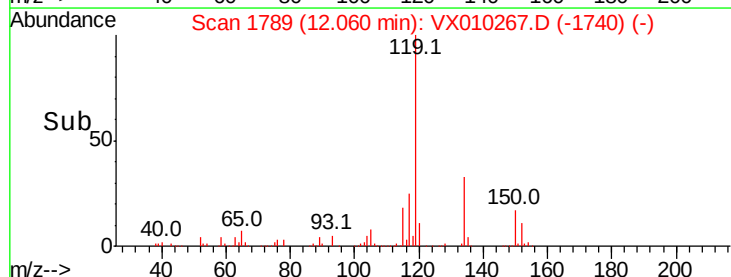
400000

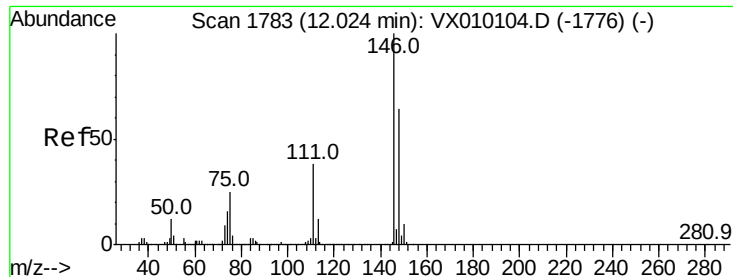
200000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 49.333 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

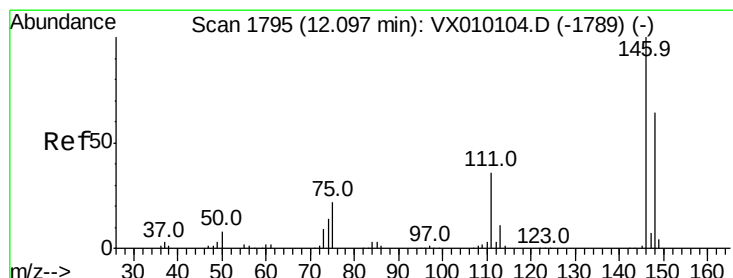
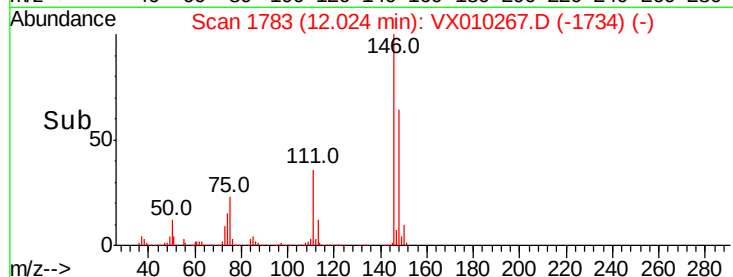
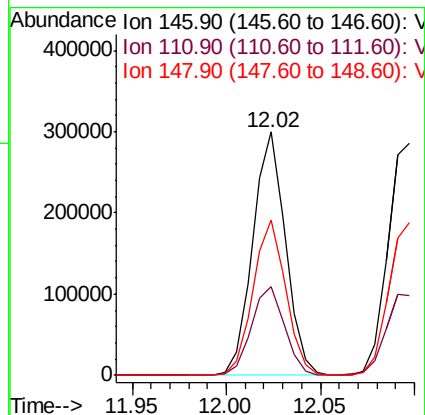
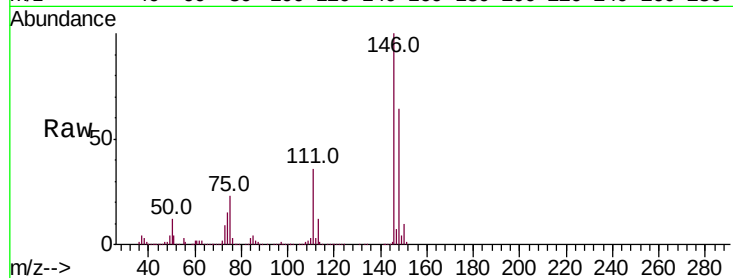
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	360862
Ion Ratio	Lower	Upper	
146	100		
111	37.1	20.1	60.2
148	63.9	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.406 ug/l

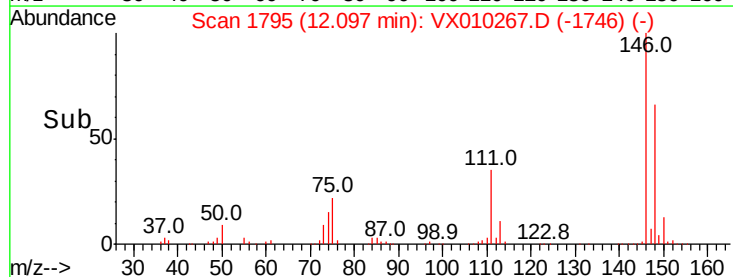
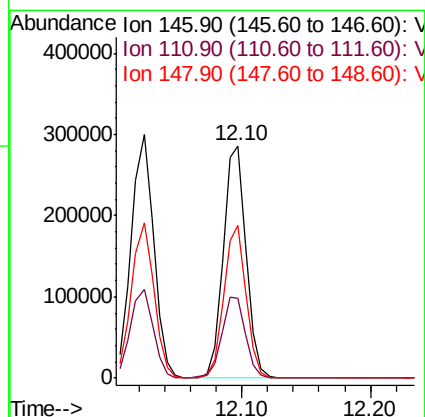
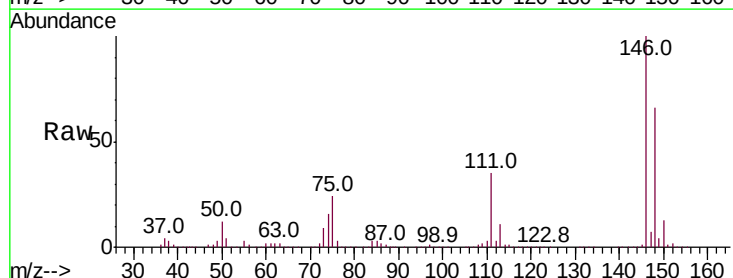
RT: 12.10 min Scan# 1795

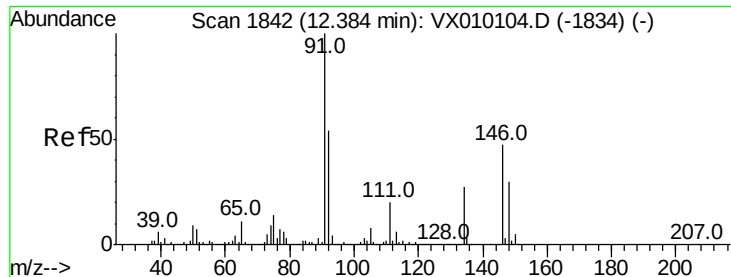
Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	146	Resp:	356938
Ion Ratio	Lower	Upper	
146	100		
111	36.3	20.0	59.9
148	64.4	32.3	96.9





#89

n-Butylbenzene

Concen: 50.217 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Instrument :

MSVOA_X

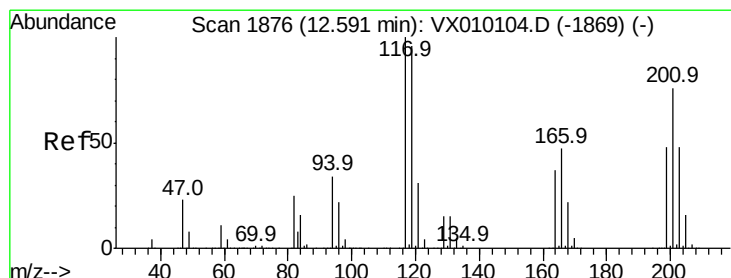
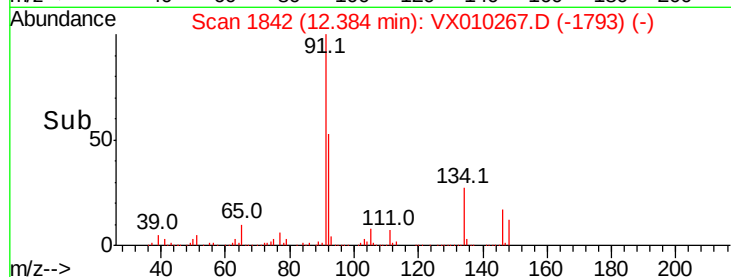
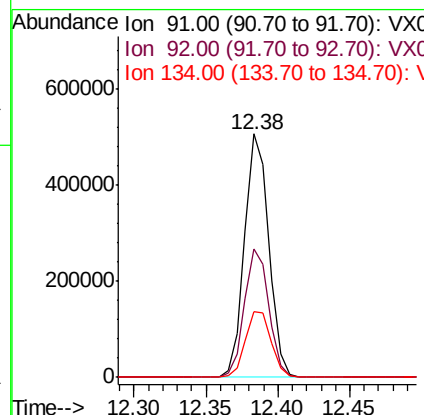
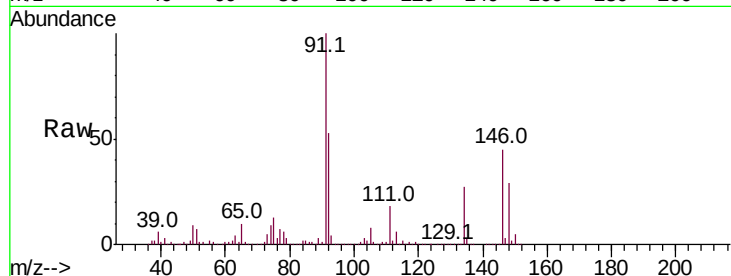
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	592703
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.8
134	28.3	12.3	36.8

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#90

Hexachloroethane

Concen: 47.150 ug/l

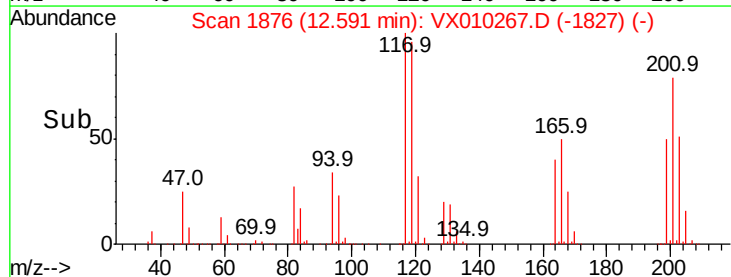
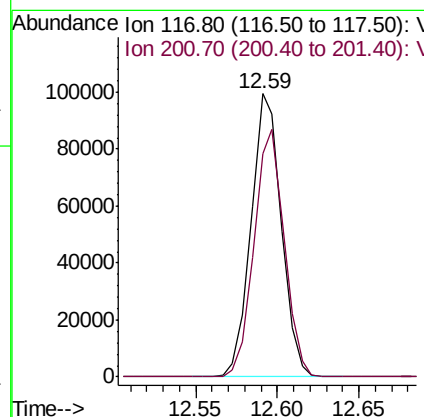
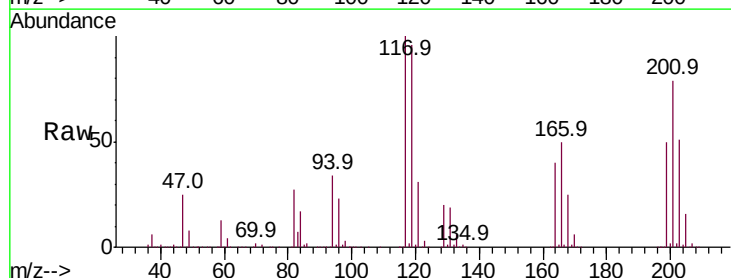
RT: 12.59 min Scan# 1876

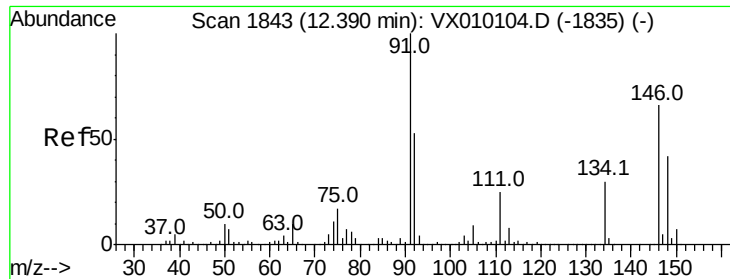
Delta R.T. -0.00 min

Lab File: VX010267.D

Acq: 13 Jun 2019 09:57

Tgt Ion:	117	Resp:	128786
Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.6	130.9





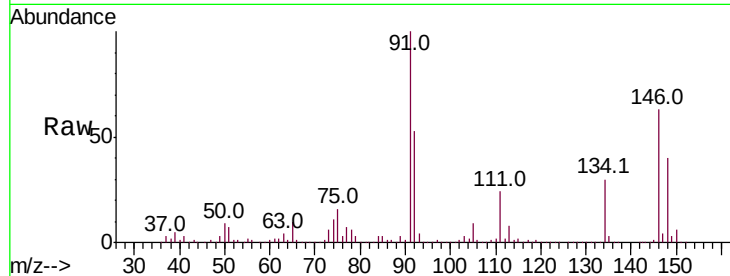
#91
1,2-Dichlorobenzene
Concen: 49.196 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	21.1	63.1
148	63.8	32.3	96.8

Manual Integrations
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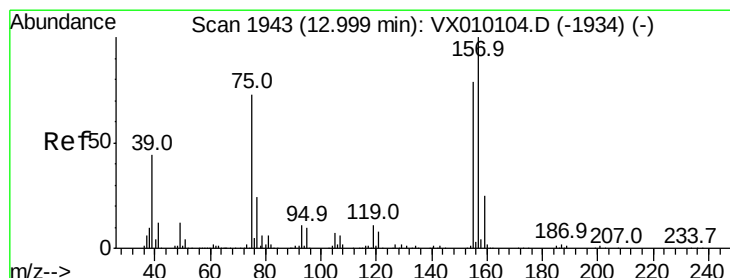
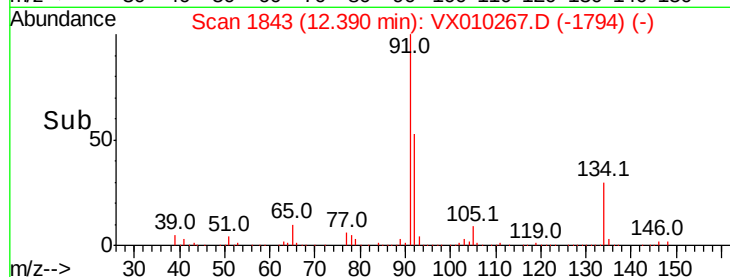
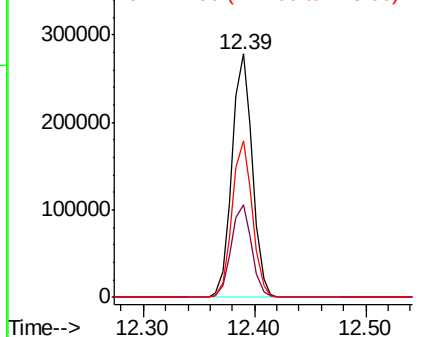


Abundance

Ion 145.90 (145.60 to 146.60): V

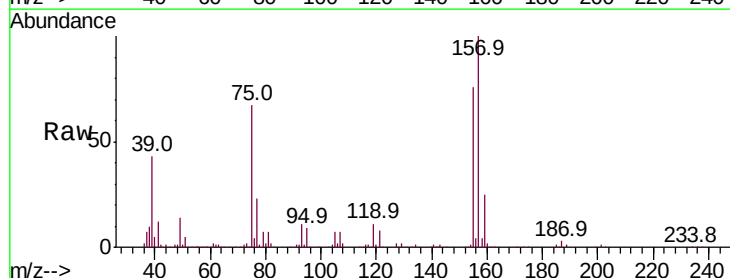
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.506 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.1	39.3	117.8
157	141.8	50.6	151.8

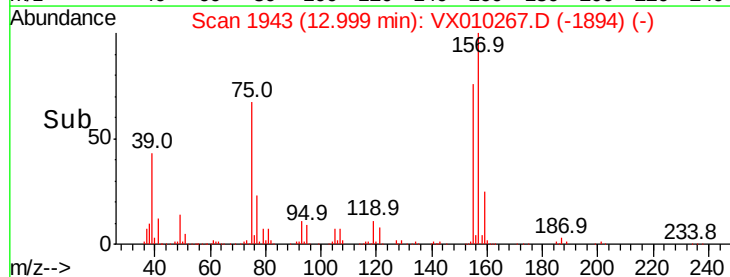
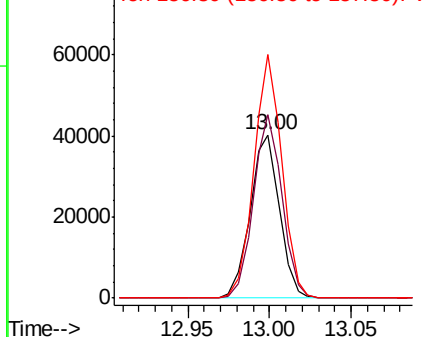


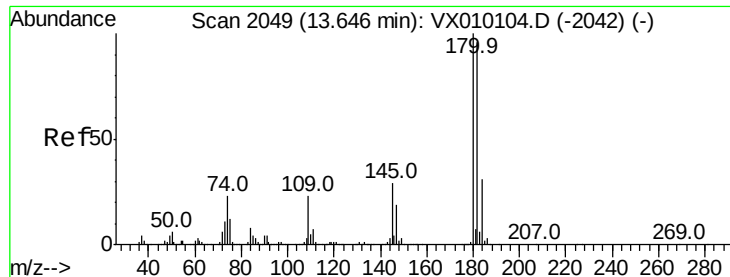
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





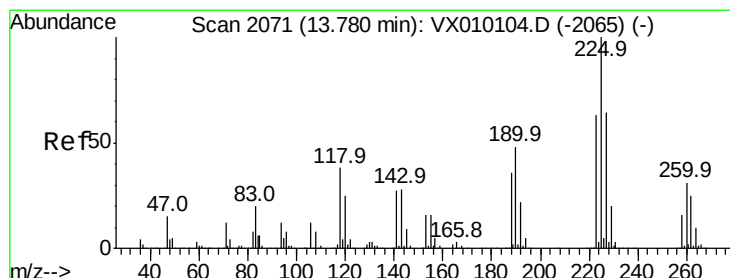
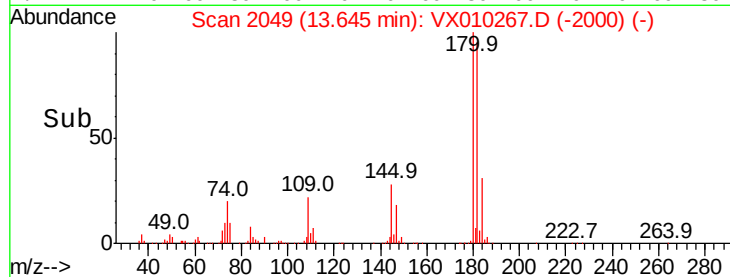
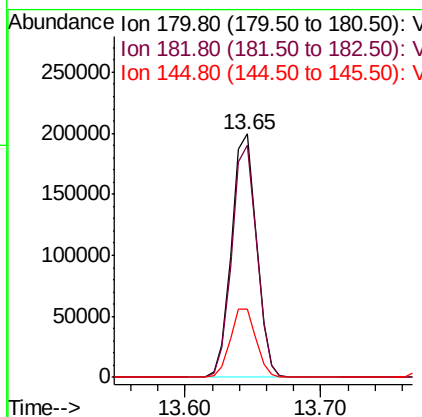
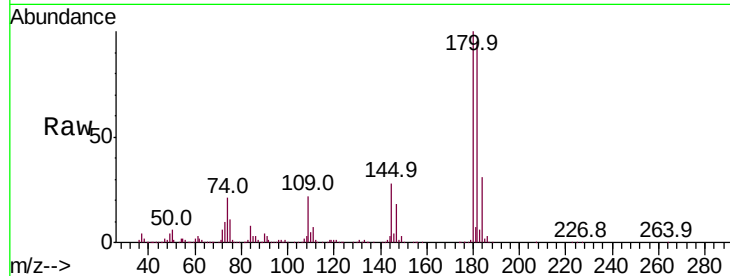
#93
 1,2,4-Trichlorobenzene
 Concen: 49.214 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	256184		
182	95.1	47.4	142.2	
145	28.9	14.5	43.5	

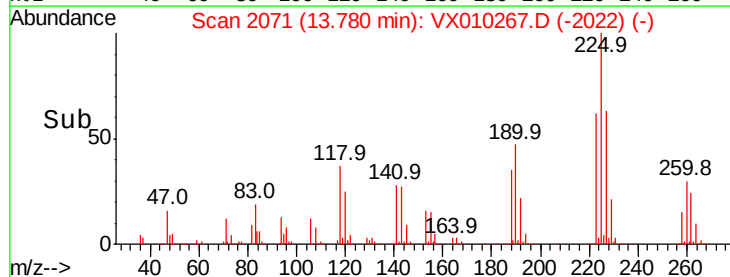
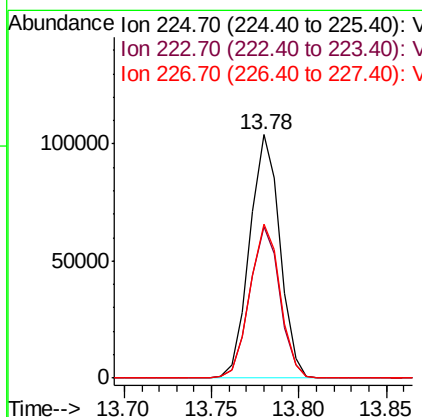
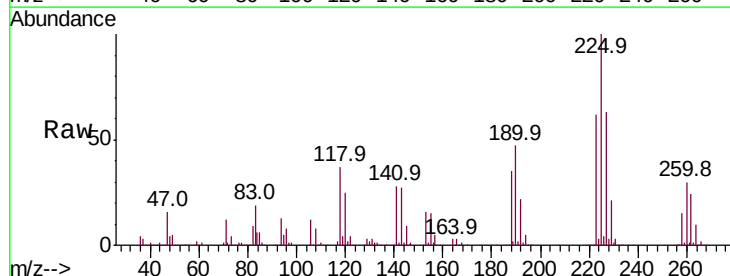
Manual Integrations
 APPROVED

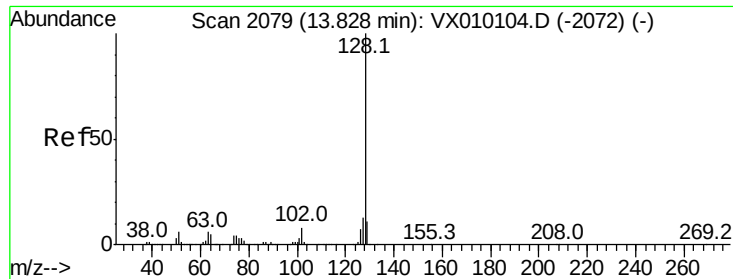
MMDadoda
 6/14/2019 9:17:24 AM



#94
 Hexachlorobutadiene
 Concen: 53.895 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010267.D
 Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124770		
223	62.1	31.3	93.8	
227	63.3	32.3	96.8	





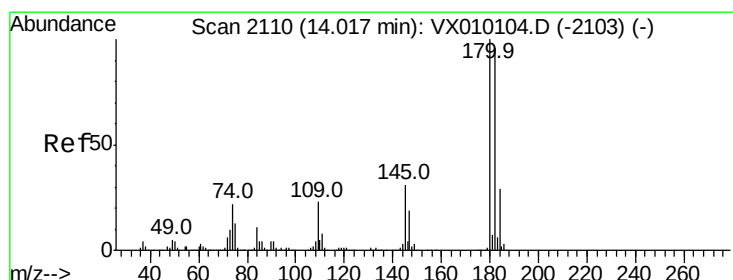
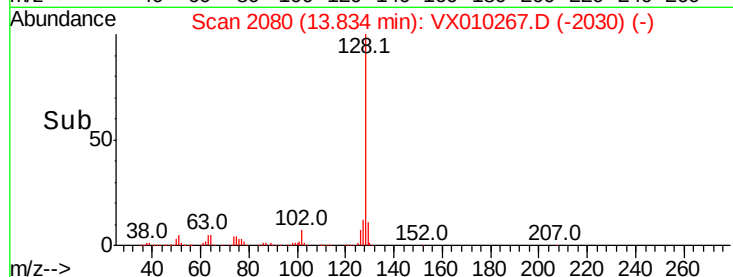
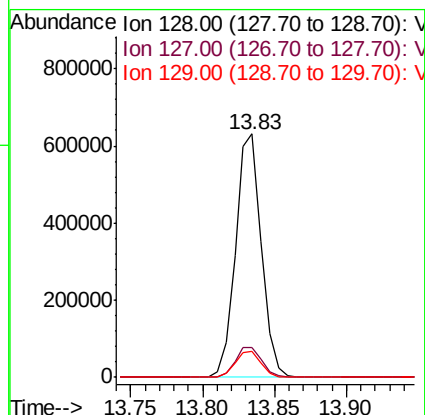
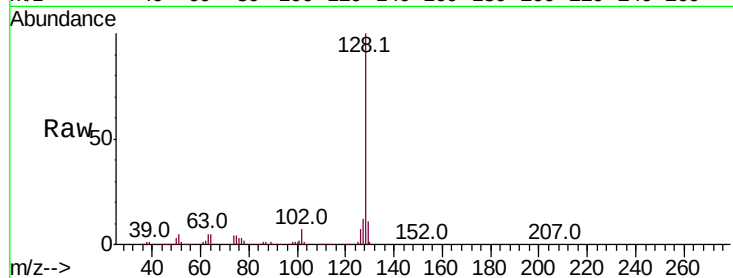
#95
Naphthalene
Concen: 48.075 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
6/14/2019 9:17:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.127 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010267.D
Acq: 13 Jun 2019 09:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.3	142.0
145	30.6	15.6	46.7

