

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010225.D
 Acq On : 11 Jun 2019 12:21
 Operator : JC/SP
 Sample : VX0612WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 9:21:42 AM

Quant Time: Jun 12 08:09:49 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	251550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116062	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	116486	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	448082	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.13	95	160276	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	48326	20.879	ug/l	98
3) Chloromethane	1.33	50	45044	19.596	ug/l	98
4) Vinyl Chloride	1.41	62	47653	22.057	ug/l	100
5) Bromomethane	1.64	94	22925	28.120	ug/l	95
6) Chloroethane	1.72	64	27963	25.672	ug/l	100
7) Trichlorofluoromethane	1.93	101	74775	23.300	ug/l	100
8) Diethyl Ether	2.19	74	25975	23.484	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42409	19.171	ug/l	91
10) Methyl Iodide	2.51	142	66399	19.373	ug/l	96
11) Tert butyl alcohol	3.05	59	66805	111.062	ug/l	97
12) 1,1-Dichloroethene	2.37	96	42462	18.793	ug/l #	77
13) Acrolein	2.29	56	11884	108.352	ug/l	98
14) Allyl chloride	2.73	41	61743	18.103	ug/l #	87
15) Acrylonitrile	3.14	53	122715	99.811	ug/l	97
16) Acetone	2.45	43	106602	92.306	ug/l #	89
17) Carbon Disulfide	2.57	76	113376	17.366	ug/l	98
18) Methyl Acetate	2.78	43	49522	19.498	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	138022	19.014	ug/l	93
20) Methylene Chloride	2.85	84	48087	18.960	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	45683	18.270	ug/l #	73
22) Diisopropyl ether	3.85	45	126357	19.377	ug/l #	92
23) Vinyl Acetate	3.82	43	563345	96.839	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	74276	18.760	ug/l	95
25) 2-Butanone	4.67	43	167727	97.531	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	63640	17.619	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	53003	19.054	ug/l	79
28) Bromochloromethane	5.01	49	35302	19.895	ug/l #	50
29) Tetrahydrofuran	5.13	42	106544	98.582	ug/l #	73
30) Chloroform	5.21	83	78336	19.052	ug/l	98
31) Cyclohexane	5.58	56	68259	19.103	ug/l #	74
32) 1,1,1-Trichloroethane	5.50	97	70314	18.190	ug/l	93
36) 1,1-Dichloropropene	5.81	75	57241	18.644	ug/l	92
37) Ethyl Acetate	4.84	43	61258	19.176	ug/l #	90
38) Carbon Tetrachloride	5.79	117	64146	18.459	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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 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)
39) Methylcyclohexane	7.46	83	77085	18.439	ug/l #	84
40) Benzene	6.14	78	186538	19.649	ug/l	98
41) Methacrylonitrile	5.04	41	33251	19.243	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	56148	18.526	ug/l	91
43) Isopropyl Acetate	6.45	43	101692	19.040	ug/l #	89
44) Trichloroethene	7.21	130	56740	19.828	ug/l	86
45) 1,2-Dichloropropane	7.51	63	45428	19.118	ug/l	99
46) Dibromomethane	7.66	93	33250	18.678	ug/l #	88
47) Bromodichloromethane	7.90	83	61932	18.618	ug/l #	97
48) Methyl methacrylate	7.77	41	47246	18.915	ug/l #	75
49) 1,4-Dioxane	7.74	88	28287	397.194	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	325958	102.157	ug/l	89
52) Toluene	8.79	92	122385	19.611	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68652	17.843	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	75122	18.212	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	49988	19.559	ug/l	94
56) Ethyl methacrylate	9.18	69	78146	19.356	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	77880	19.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	184564	96.973	ug/l #	85
59) 2-Hexanone	9.49	43	257551	101.238	ug/l	87
60) Dibromochloromethane	9.58	129	56968	18.845	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55137	19.370	ug/l	99
64) Tetrachloroethene	9.34	164	50895	20.043	ug/l	98
65) Chlorobenzene	10.14	112	139655	19.792	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	52601	19.385	ug/l	99
67) Ethyl Benzene	10.25	91	231842	19.301	ug/l	95
68) m/p-Xylenes	10.36	106	184025	39.589	ug/l	88
69) o-Xylene	10.69	106	89726	19.418	ug/l	89
70) Styrene	10.71	104	152408	19.475	ug/l	94
71) Bromoform	10.85	173	45814	18.365	ug/l #	99
73) Isopropylbenzene	11.02	105	234466	18.964	ug/l	95
74) N-amyl acetate	10.90	43	92014	18.827	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	80199	18.949	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	65313m	18.436	ug/l	
77) Bromobenzene	11.26	156	65813	19.357	ug/l	79
78) n-propylbenzene	11.36	91	255543	18.565	ug/l	93
79) 2-Chlorotoluene	11.42	91	152347	18.428	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	195617	18.785	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27336	17.048	ug/l	86
82) 4-Chlorotoluene	11.51	91	173880	18.516	ug/l	90
83) tert-Butylbenzene	11.77	119	198384	18.822	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	198779	18.897	ug/l	95
85) sec-Butylbenzene	11.94	105	228379	18.598	ug/l	95
86) p-Isopropyltoluene	12.06	119	210660	18.766	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114137	19.058	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	114758	19.009	ug/l	98
89) n-Butylbenzene	12.38	91	178376	18.459	ug/l	97
90) Hexachloroethane	12.59	117	38319	17.135	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	115531	19.843	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17284	17.355	ug/l	64

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	79384	18.627	ug/l	99
94) Hexachlorobutadiene	13.78	225	38430	20.276	ug/l	99
95) Naphthalene	13.83	128	250867	18.699	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80386	19.076	ug/l	99

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

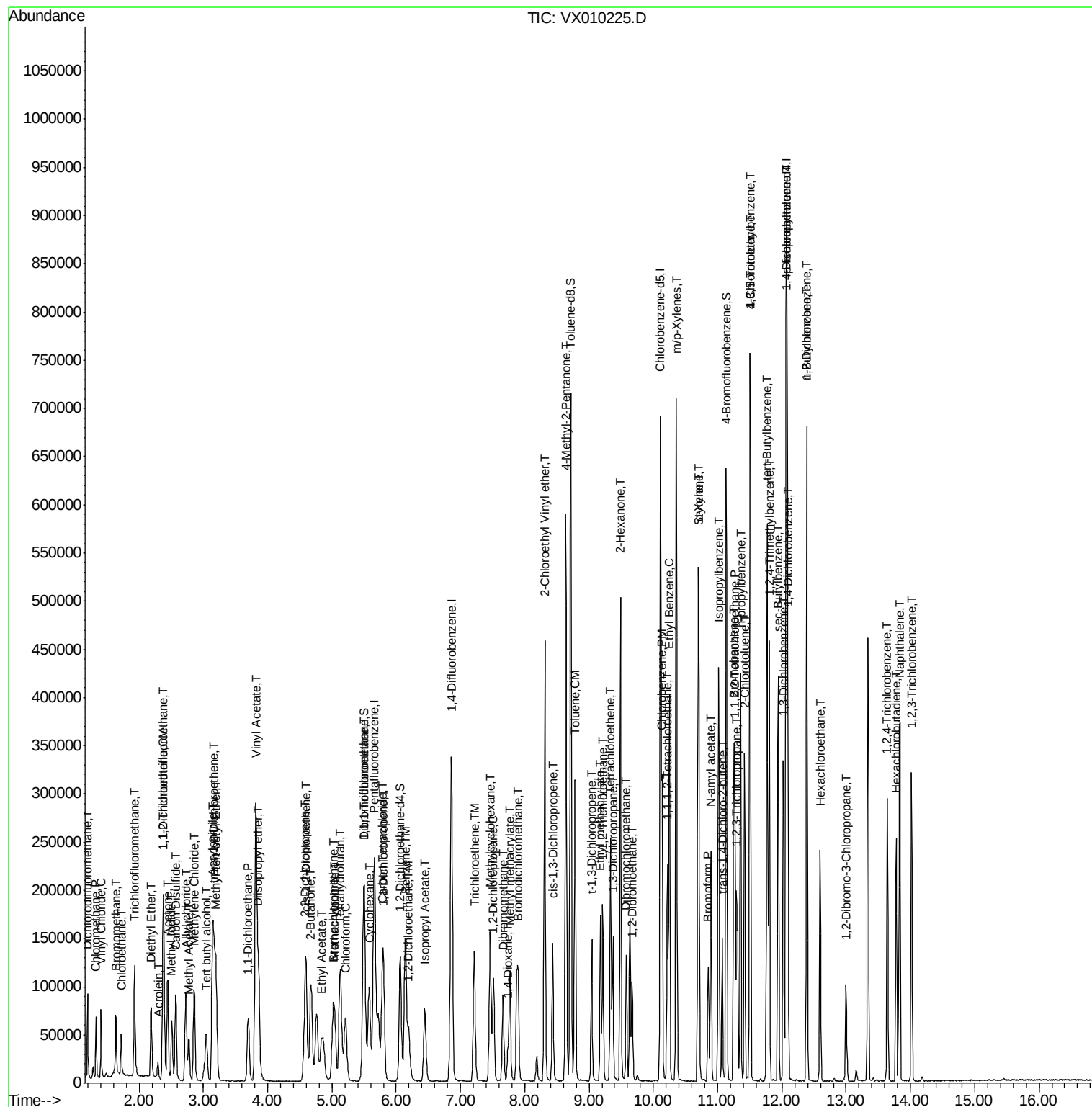
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 Data File : VX010225.D
 Acq On : 11 Jun 2019 12:21
 Operator : JC/SP
 Sample : VX0612WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

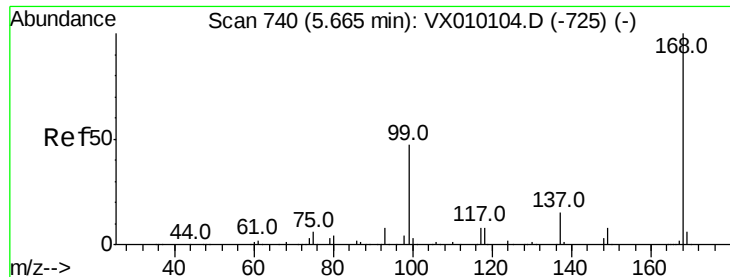
Instrument :
 MSVOA_X
 Client Sampled :
 VX0612WBSD01

Manual Integrations
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion:168 Resp: 251550

Ion Ratio Lower Upper

168 100

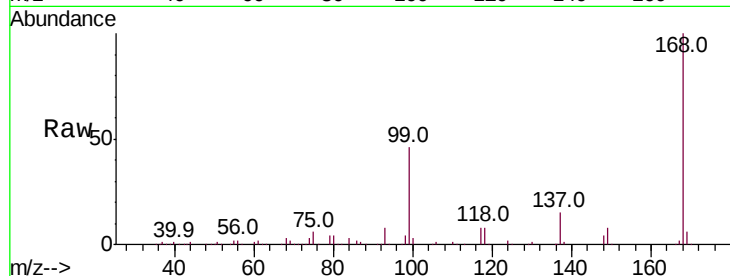
99 45.8 43.0 64.6

Manual Integrations

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6/12/2019 9:21:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

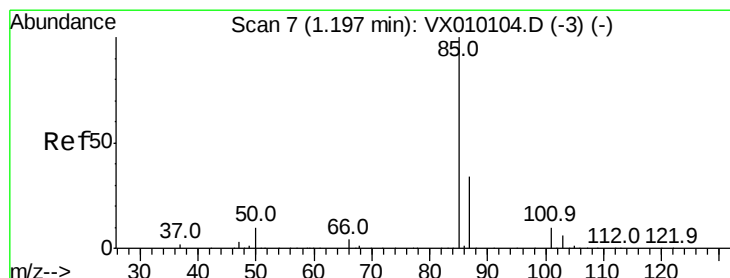
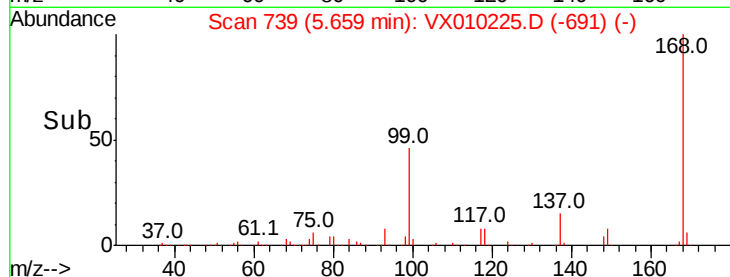
60000

40000

20000

0

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.879 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010225.D

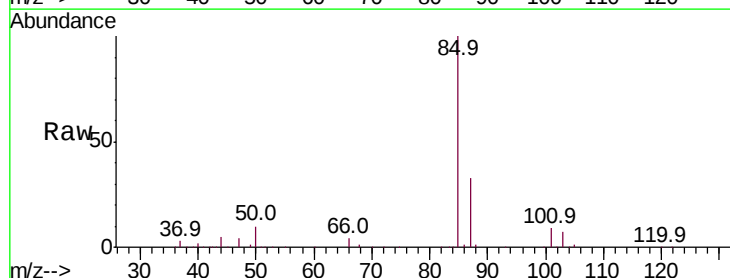
Acq: 11 Jun 2019 12:21

Tgt Ion: 85 Resp: 48326

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

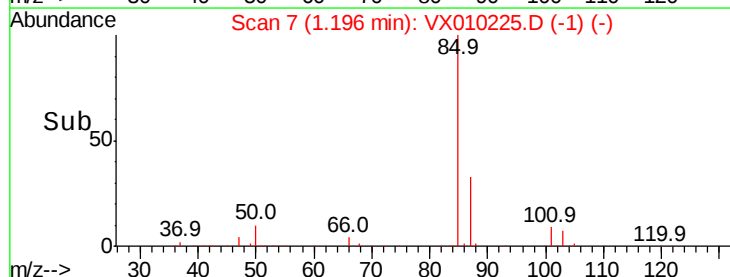
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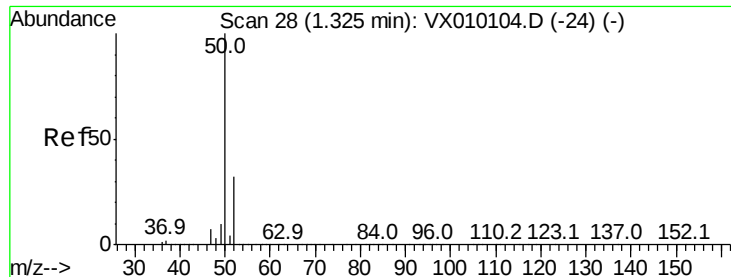
20000

10000

0

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.596 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 50 Resp: 45044

Ion Ratio Lower Upper

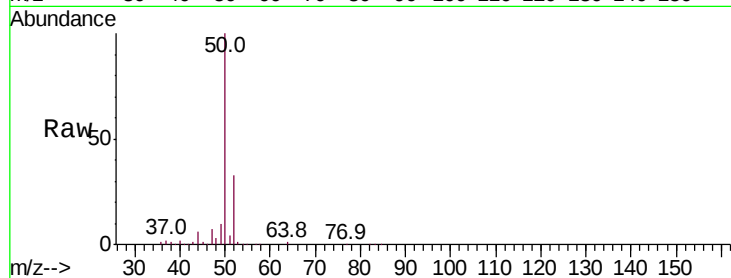
50 100

52 33.4 26.0 39.0

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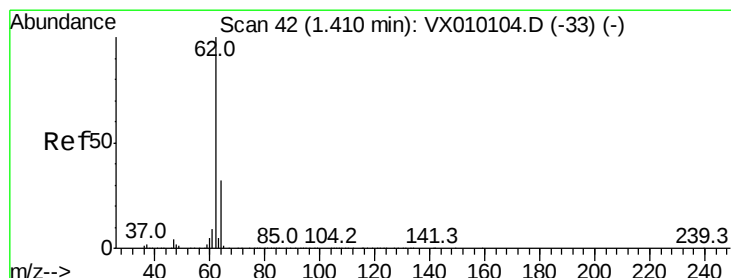
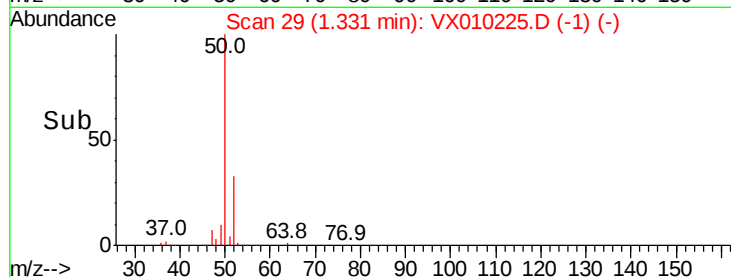
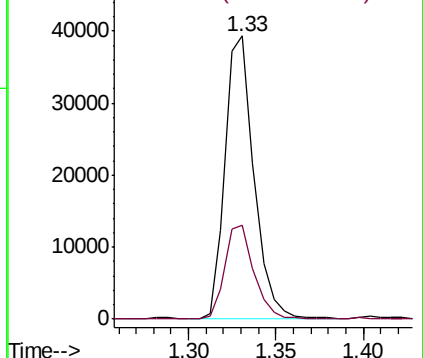
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.057 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010225.D

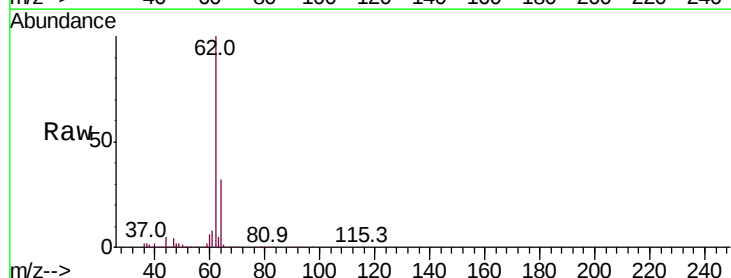
Acq: 11 Jun 2019 12:21

Tgt Ion: 62 Resp: 47653

Ion Ratio Lower Upper

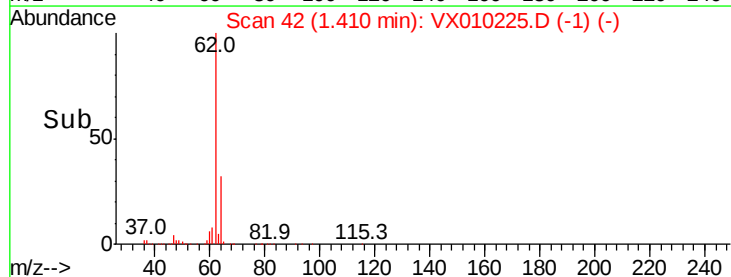
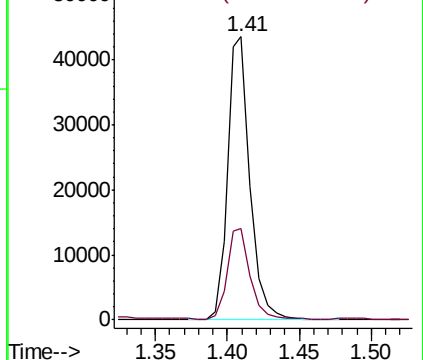
62 100

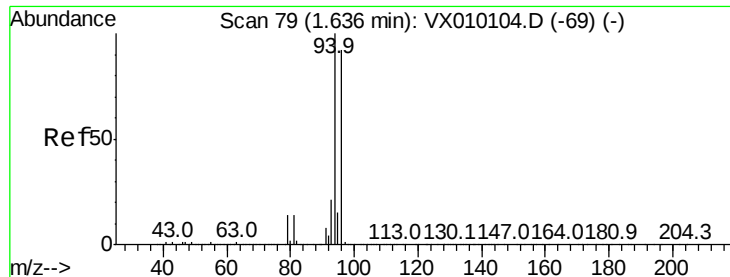
64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 28.120 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 94 Resp: 22925

Ion Ratio Lower Upper

94 100

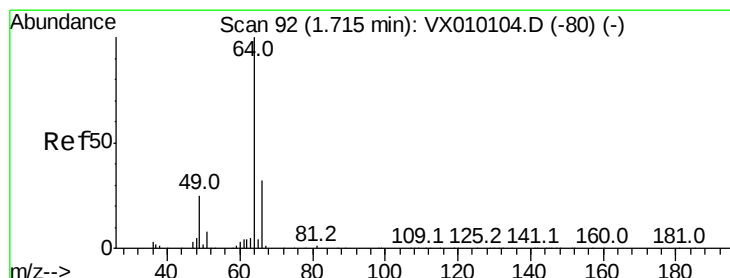
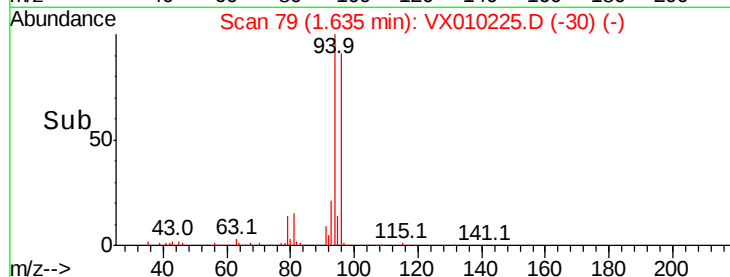
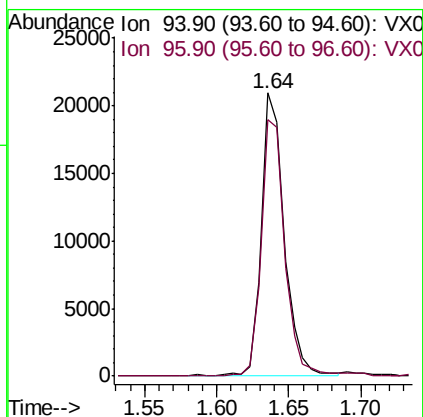
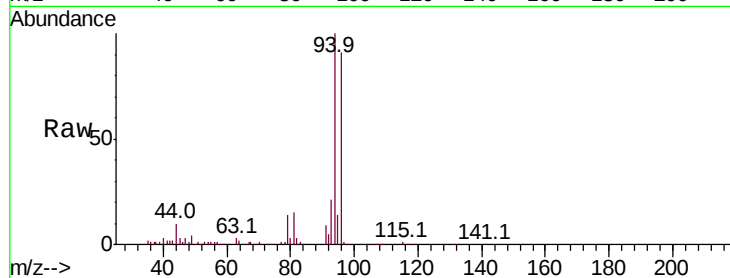
96 90.7 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 25.672 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010225.D

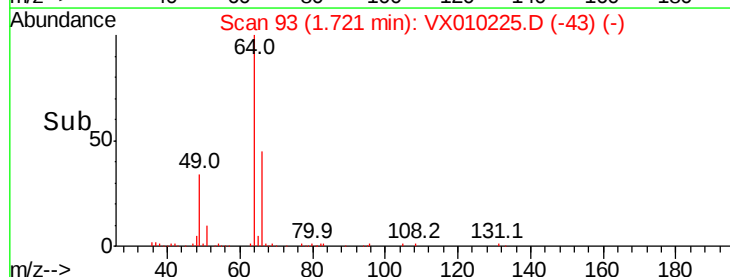
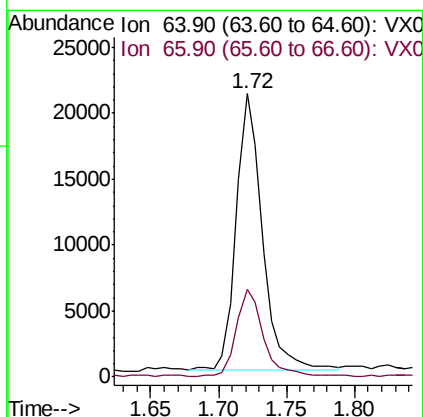
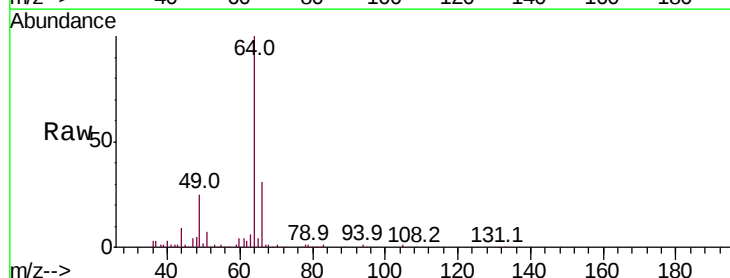
Acq: 11 Jun 2019 12:21

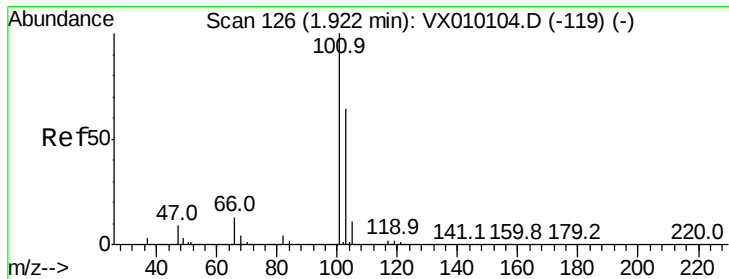
Tgt Ion: 64 Resp: 27963

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

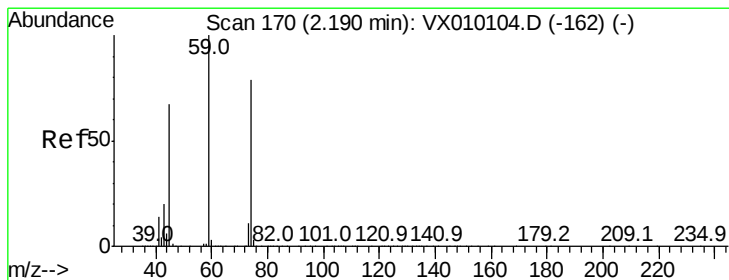
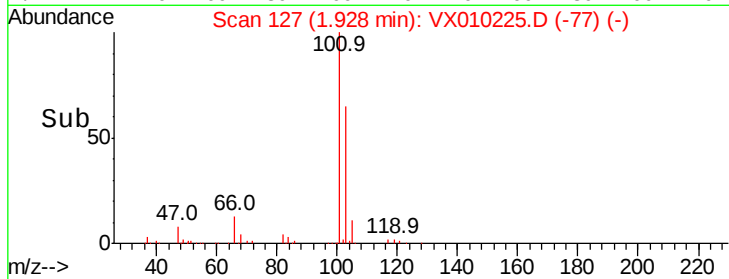
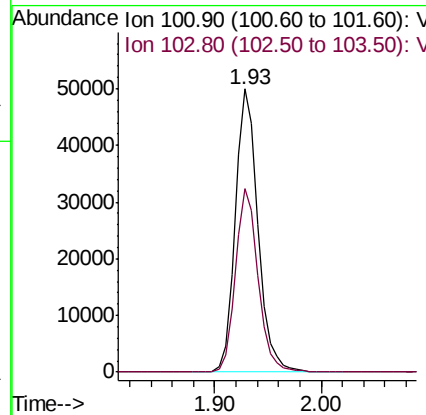
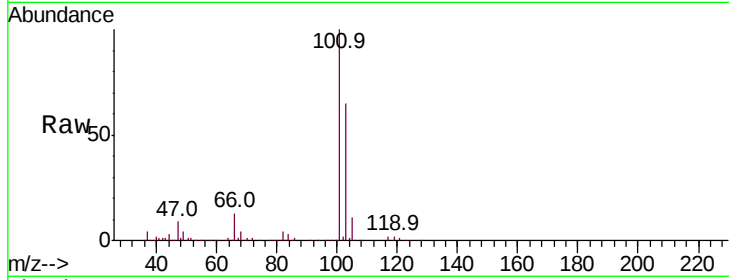
Trichlorofluoromethane
Concen: 23.300 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.2	78.4

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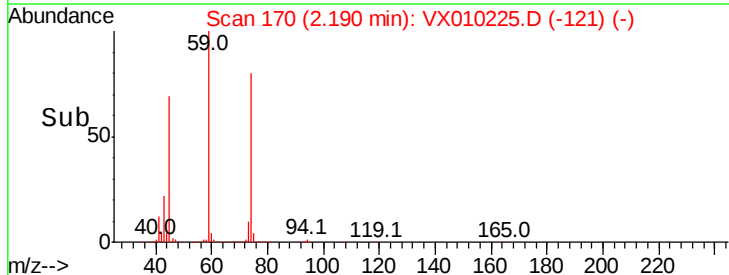
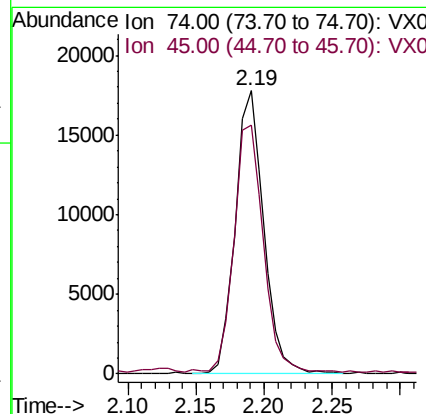
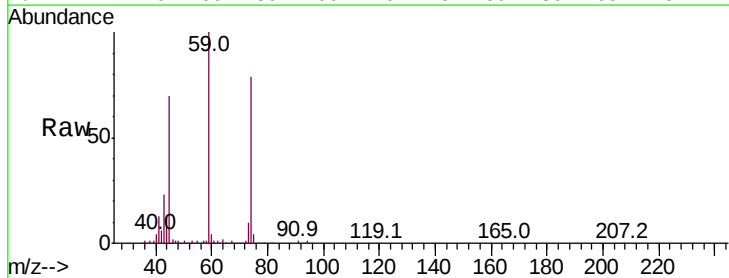
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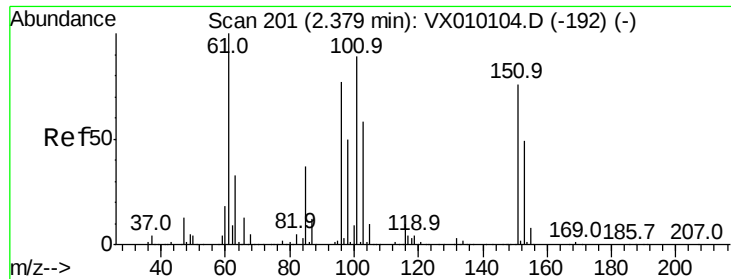


#8

Diethyl Ether
Concen: 23.484 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.171 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

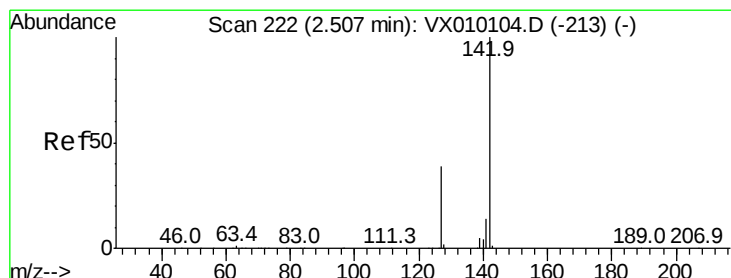
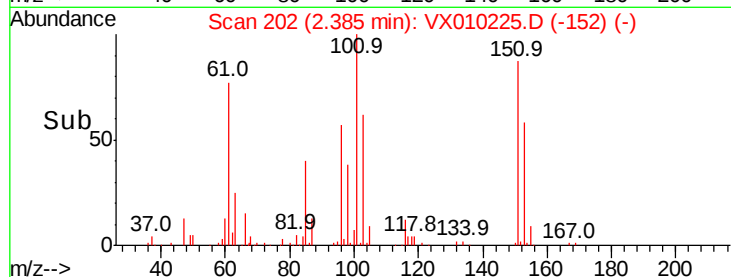
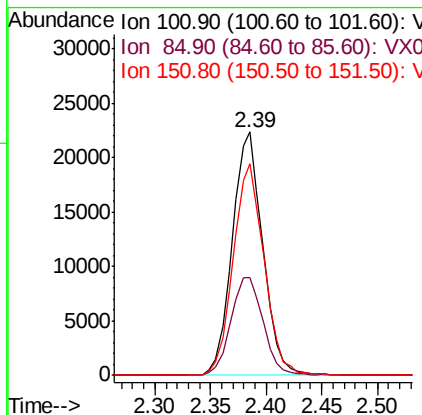
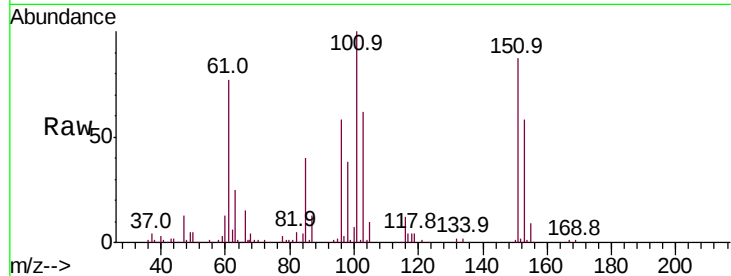
ClientSampleId :

VX0612WBSD01

Tot Ion:	101	Resp:	42409
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.2	52.8
151	88.1	61.9	92.9

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#10

Methyl Iodide

Concen: 19.373 ug/l

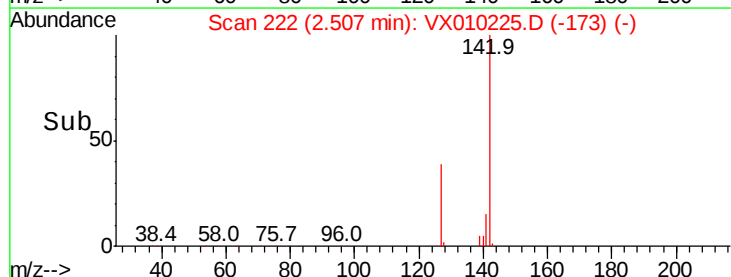
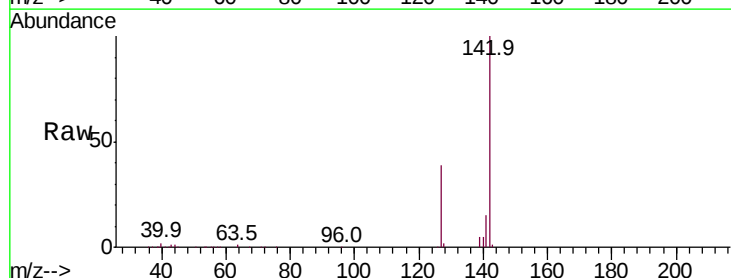
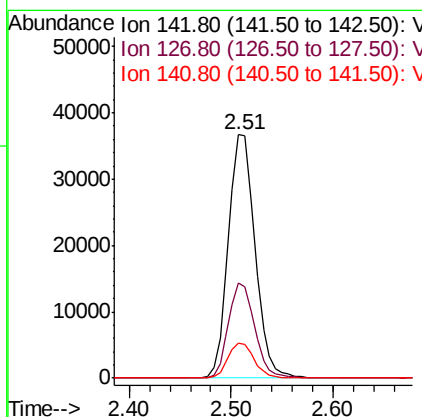
RT: 2.51 min Scan# 222

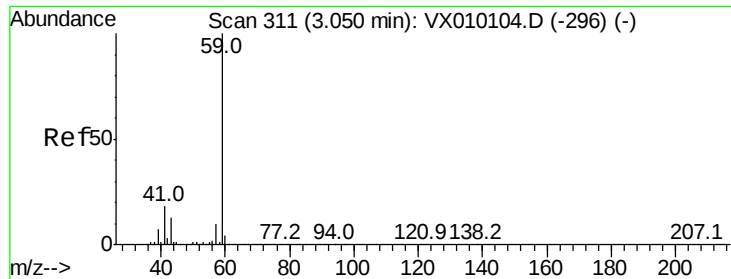
Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion:	142	Resp:	66399
Ion Ratio	Lower	Upper	
142	100		
127	38.3	33.0	49.4
141	14.4	11.4	17.0





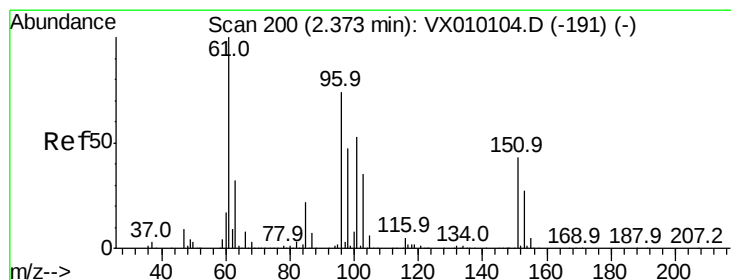
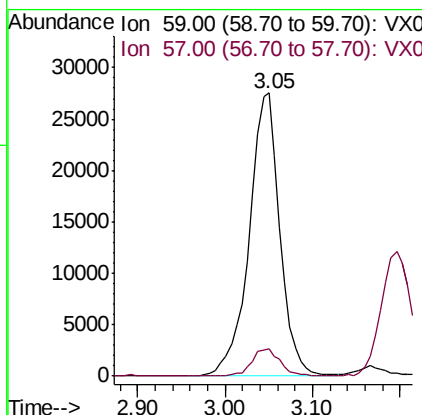
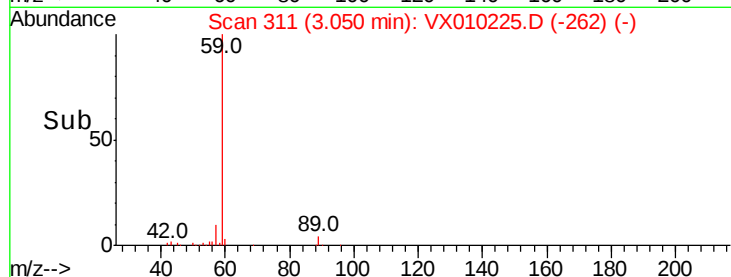
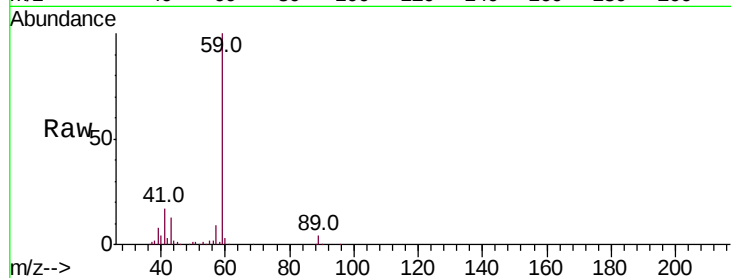
#11
Tert butyl alcohol
Concen: 111.062 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion: 59 Resp: 66805
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.2

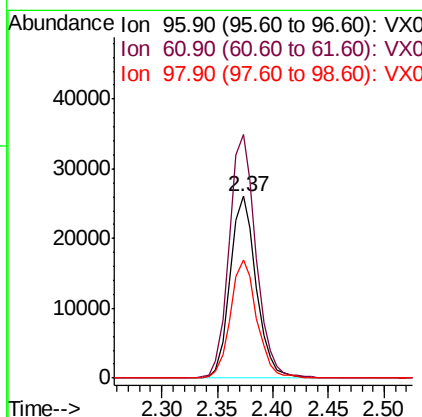
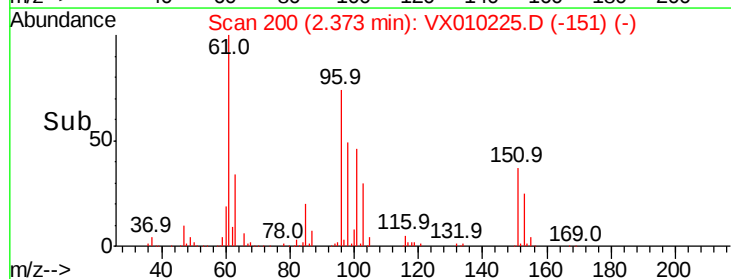
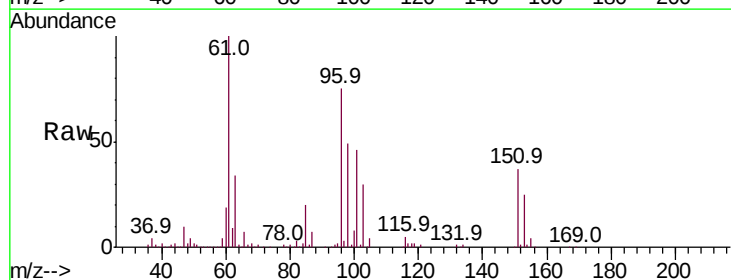
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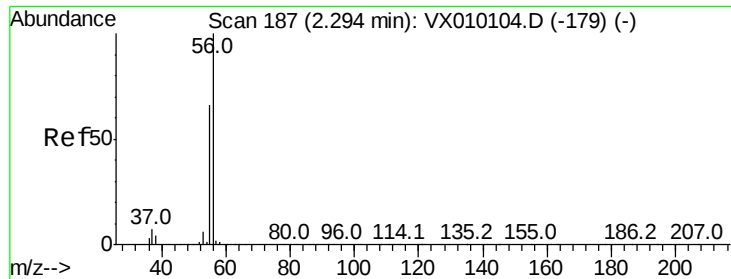
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#12
1,1-Dichloroethene
Concen: 18.793 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion: 96 Resp: 42462
Ion Ratio Lower Upper
96 100
61 134.0 140.7 211.1#
98 65.1 50.1 75.1





#13

Acrolein

Concen: 108.352 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 56 Resp: 11884

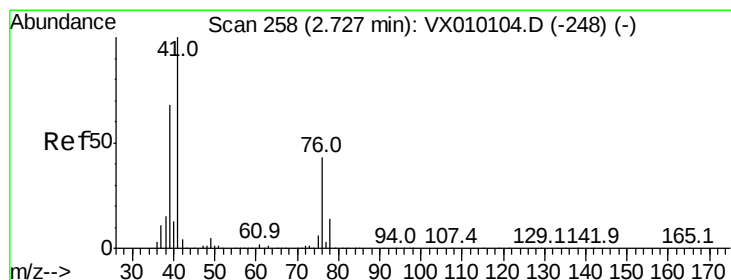
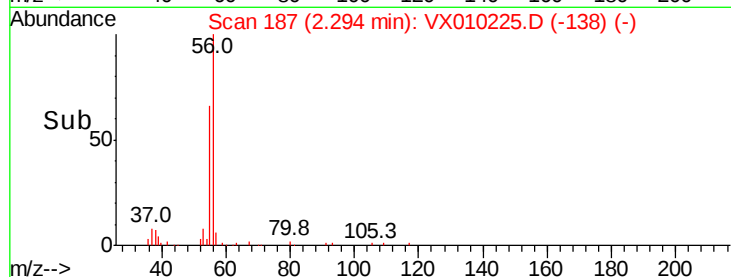
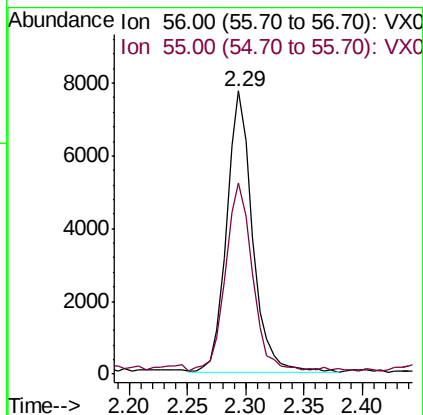
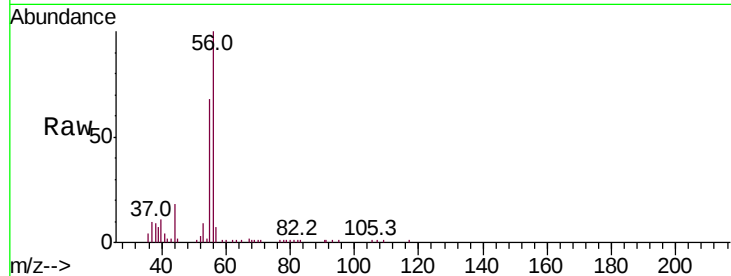
Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4

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#14

Allyl chloride

Concen: 18.103 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

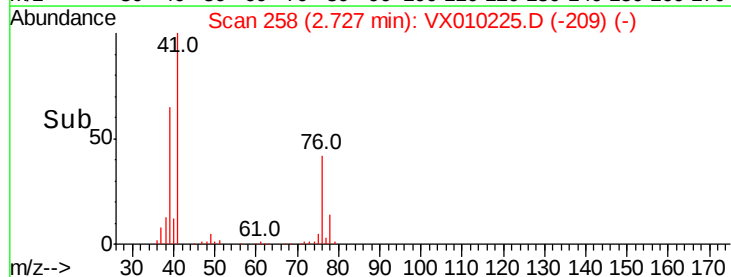
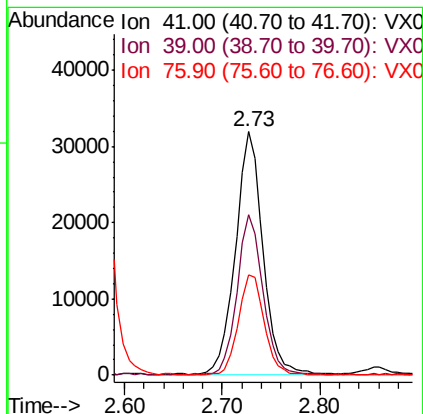
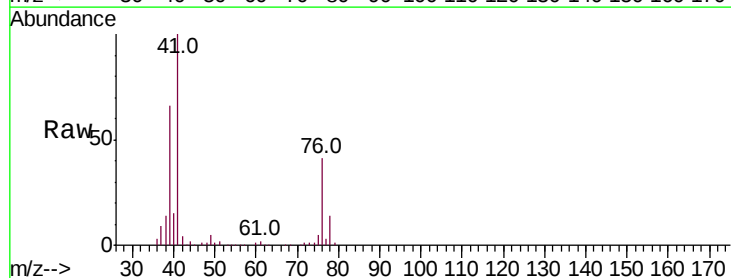
Tgt Ion: 41 Resp: 61743

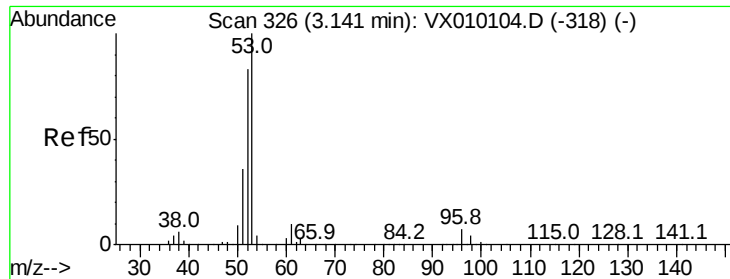
Ion Ratio Lower Upper

41 100

39 63.5 46.7 70.1

76 39.3 21.0 31.4#





#15

Acrylonitrile

Concen: 99.811 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

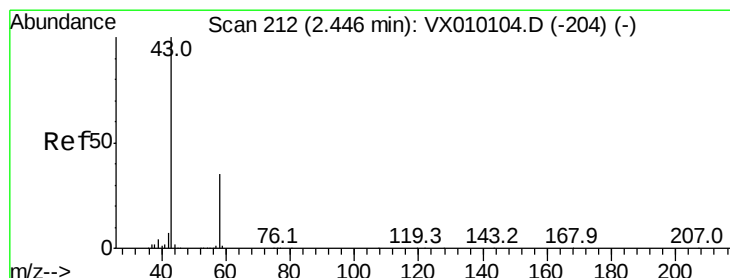
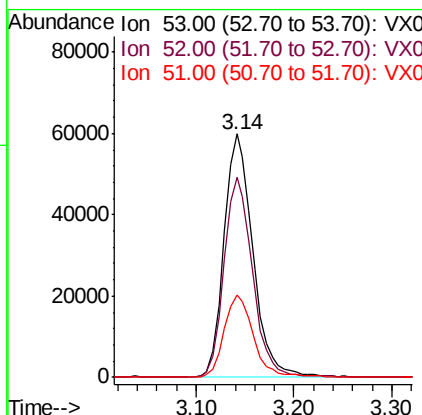
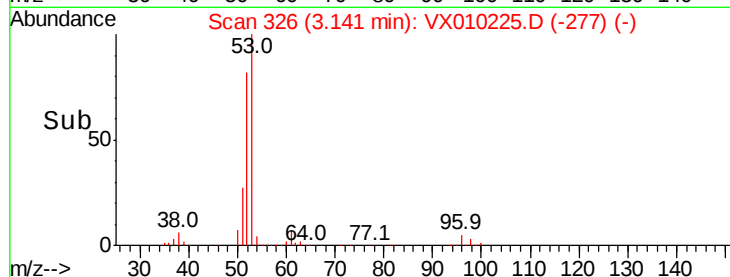
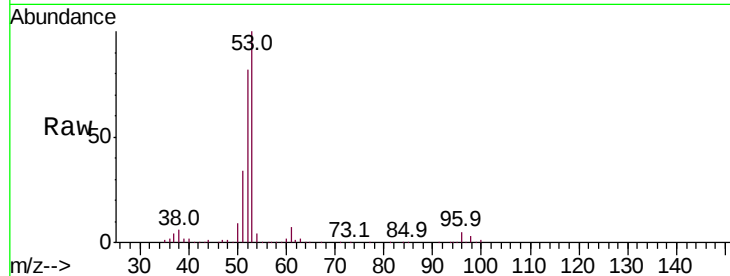
ClientSampleId :

VX0612WBSD01

Tot Ion:	53	Resp:	122715
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.7	100.1
51	34.3	28.8	43.2

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#16

Acetone

Concen: 92.306 ug/l

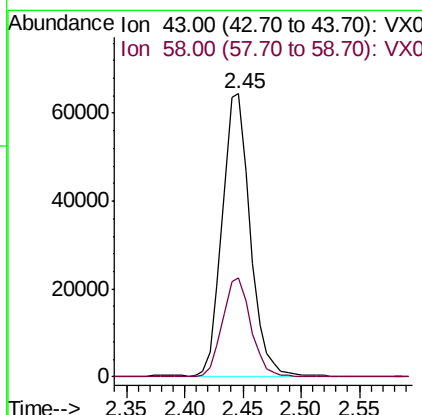
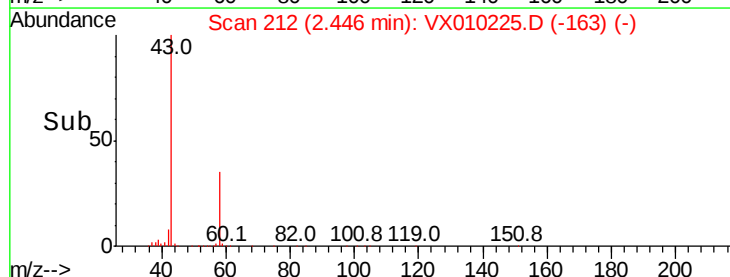
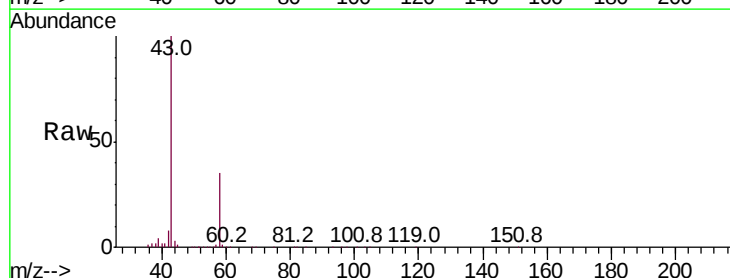
RT: 2.45 min Scan# 212

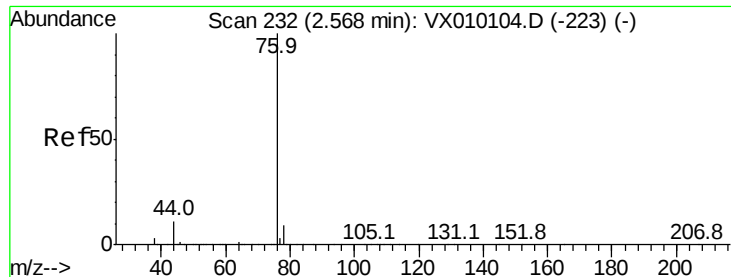
Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion:	43	Resp:	106602
Ion Ratio	Lower	Upper	
43	100		
58	35.0	23.2	34.8#





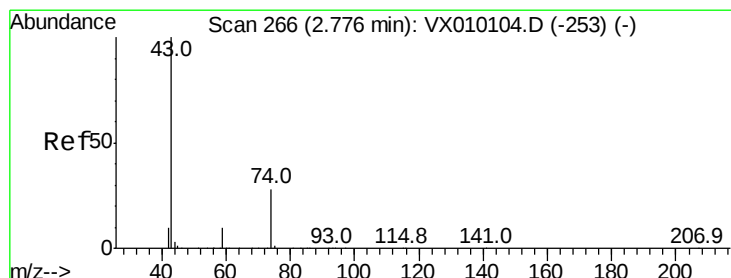
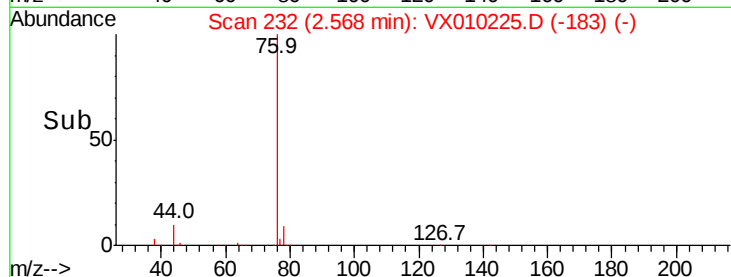
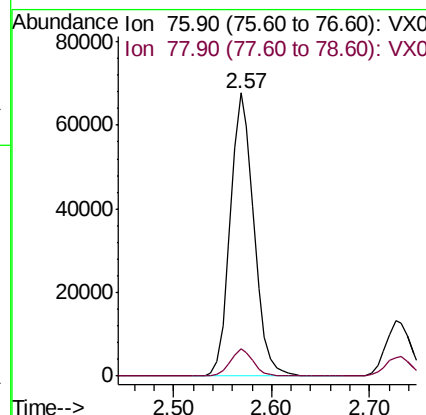
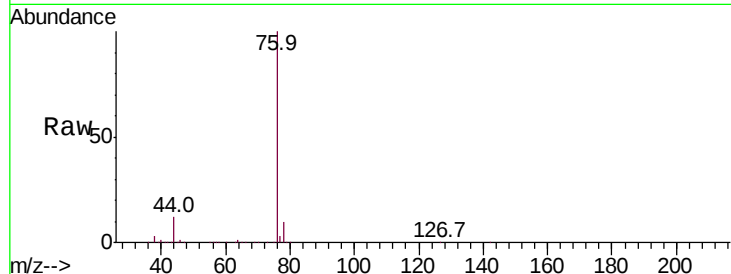
#17
Carbon Disulfide
Concen: 17.366 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

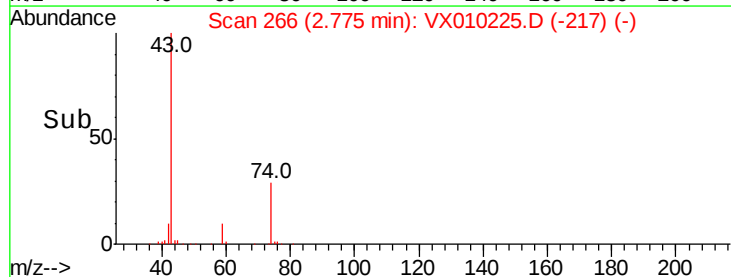
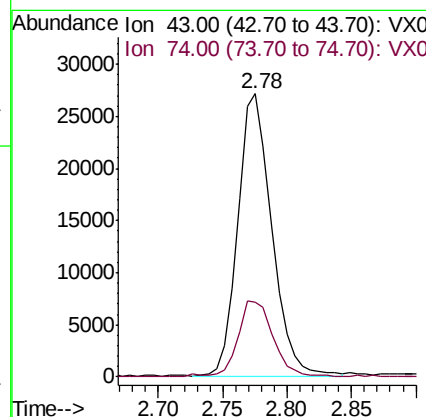
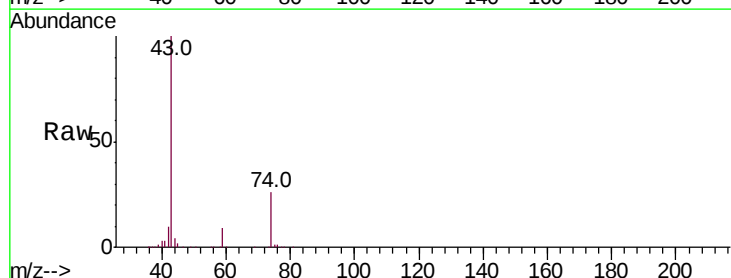
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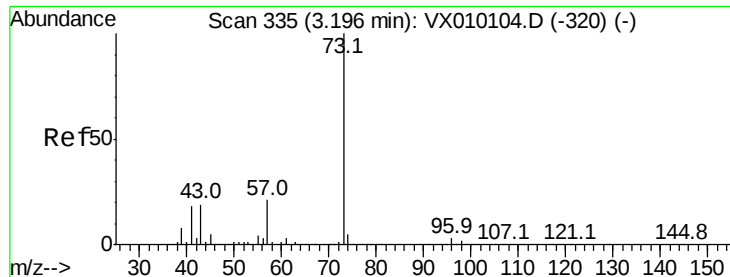
MMDadoda
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#18
Methyl Acetate
Concen: 19.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	15.8	23.6#





#19

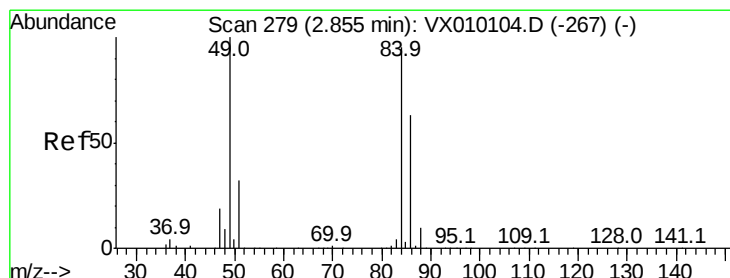
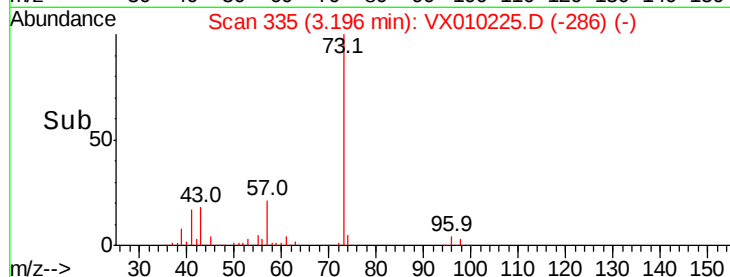
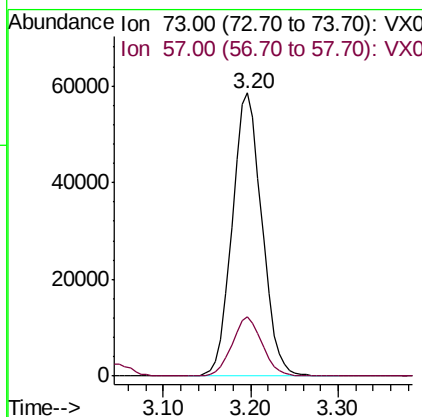
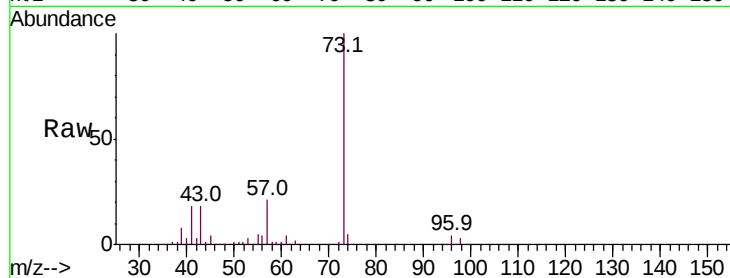
Methyl tert-butyl Ether
 Concen: 19.014 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	19.4	29.2

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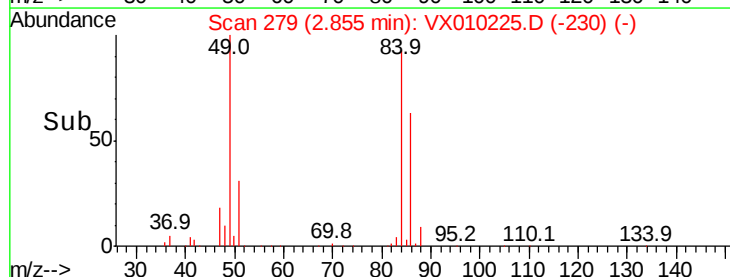
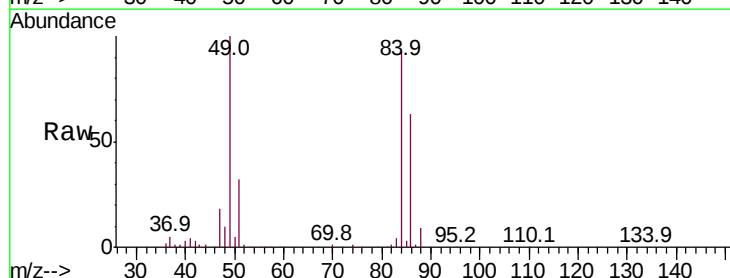
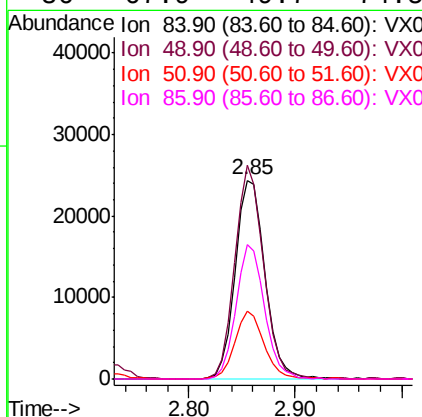
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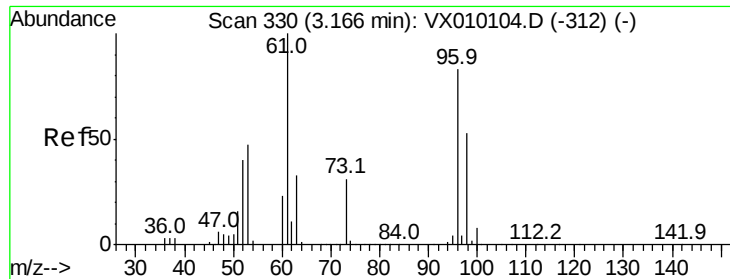


#20

Methylene Chloride
 Concen: 18.960 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.5	115.8	173.6#
51	34.0	34.4	51.6#
86	67.9	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 18.270 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 96 Resp: 45683

Ion Ratio Lower Upper

96 100

61 113.0 125.7 188.5#

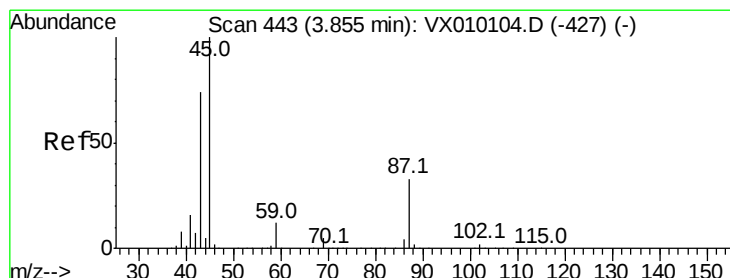
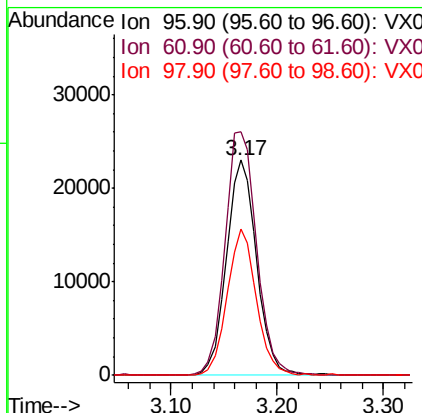
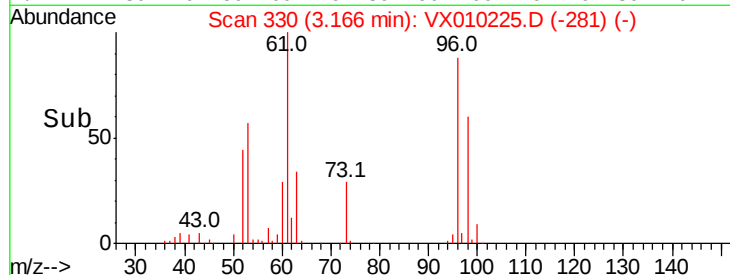
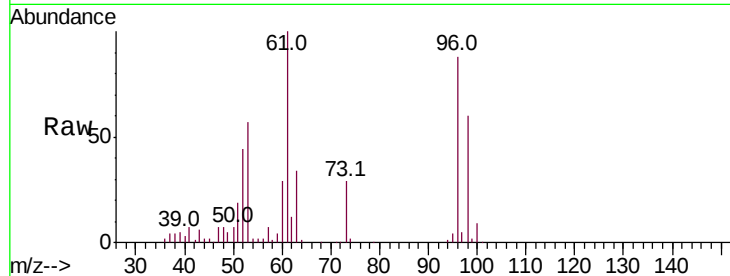
98 67.8 49.0 73.6

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#22

Diisopropyl ether

Concen: 19.377 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion: 45 Resp: 126357

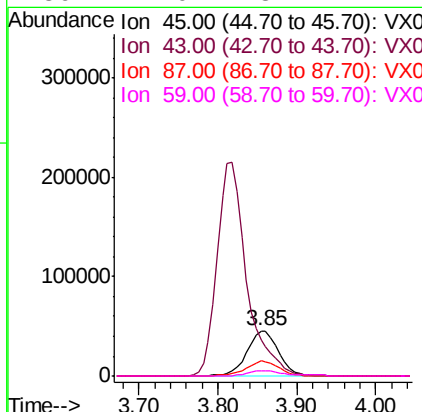
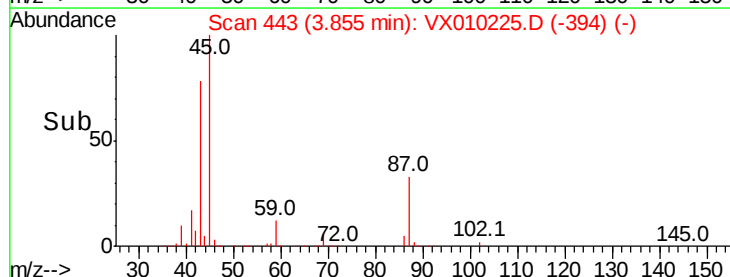
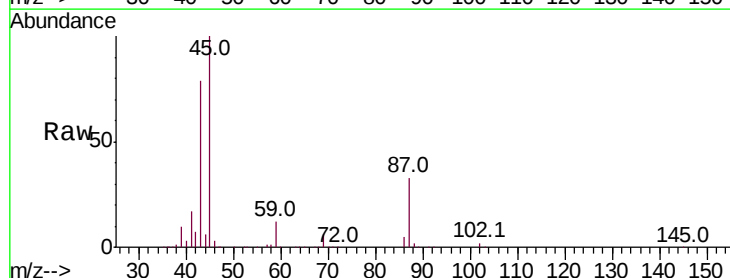
Ion Ratio Lower Upper

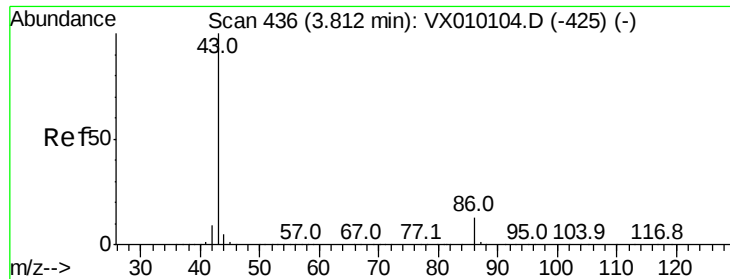
45 100

43 78.2 65.0 97.4

87 33.3 17.3 25.9#

59 12.0 8.1 12.1





#23

Vinyl Acetate

Concen: 96.839 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 43 Resp: 563345

Ion Ratio Lower Upper

43 100

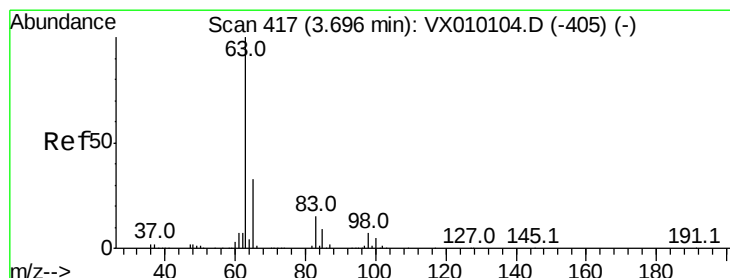
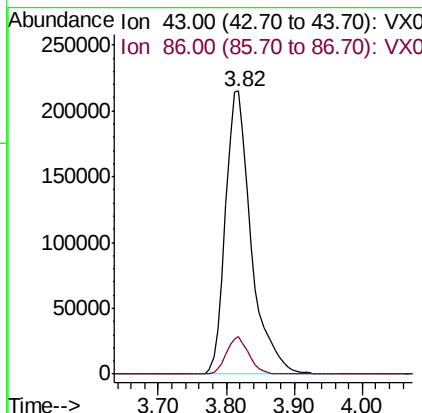
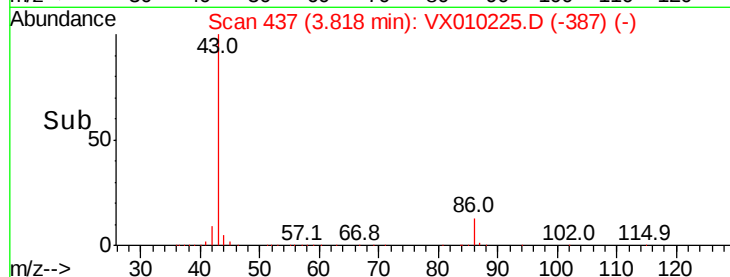
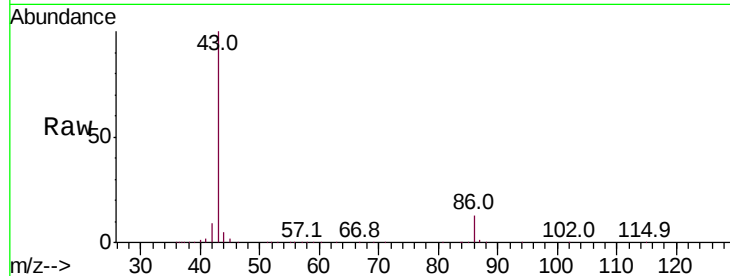
86 13.3 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 18.760 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

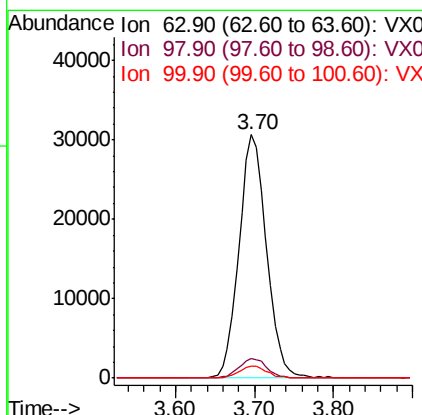
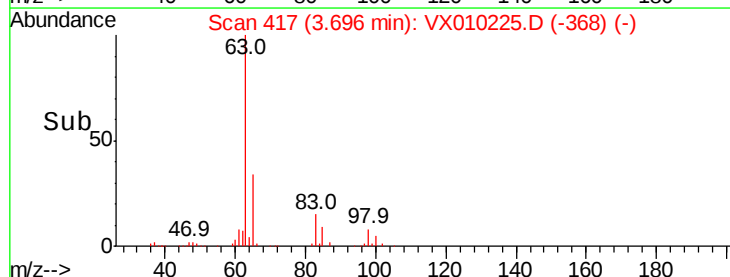
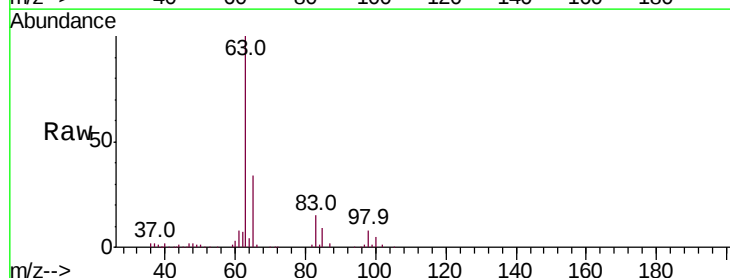
Tgt Ion: 63 Resp: 74276

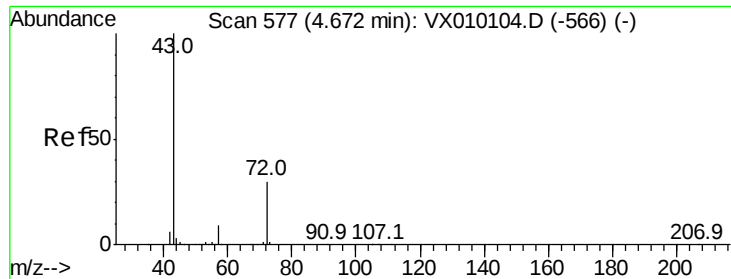
Ion Ratio Lower Upper

63 100

98 7.8 2.9 8.8

100 4.7 1.8 5.4





#25

2-Butanone

Concen: 97.531 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 43 Resp: 167727

Ion Ratio Lower Upper

43 100

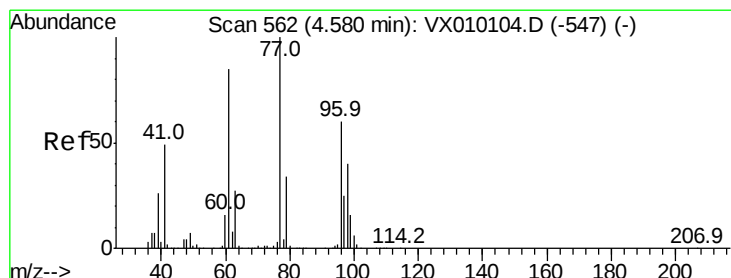
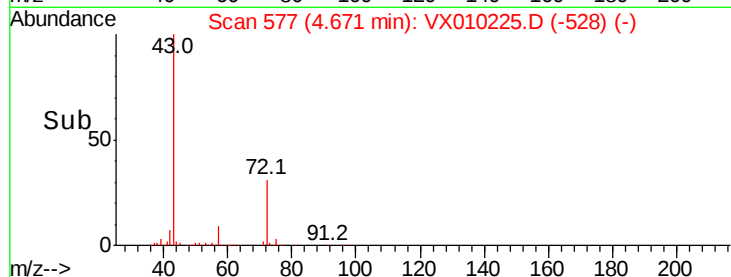
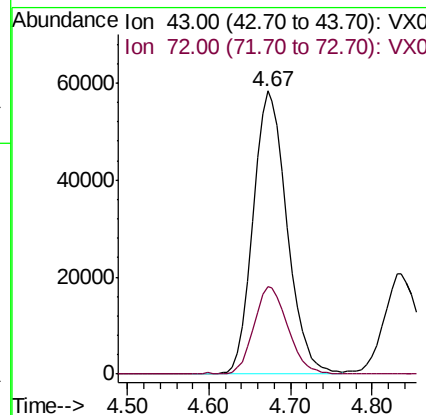
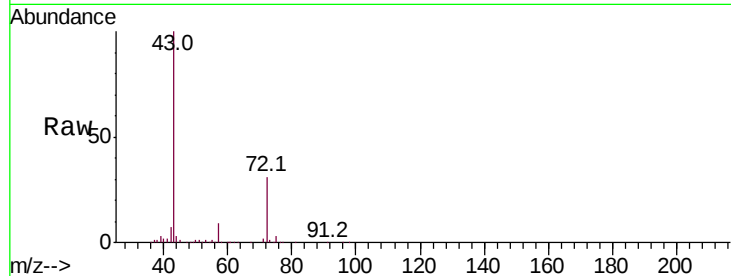
72 30.5 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.619 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010225.D

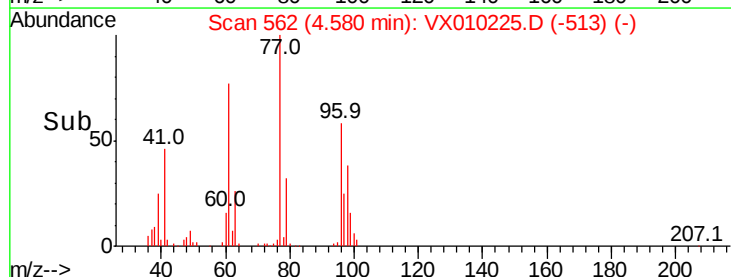
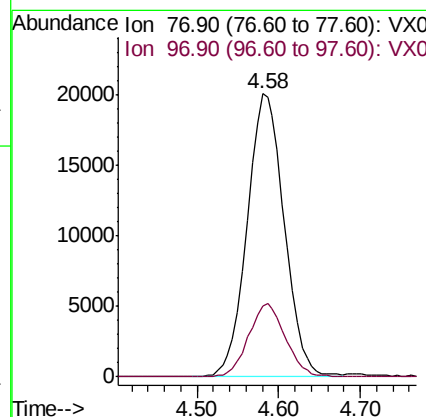
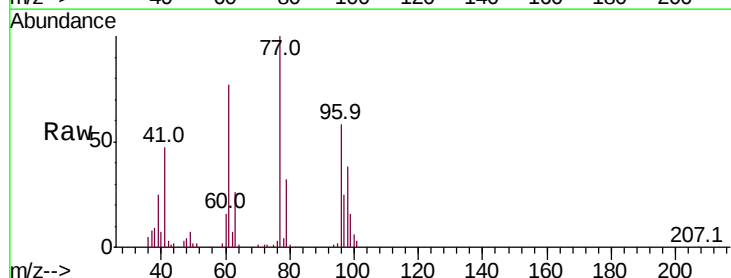
Acq: 11 Jun 2019 12:21

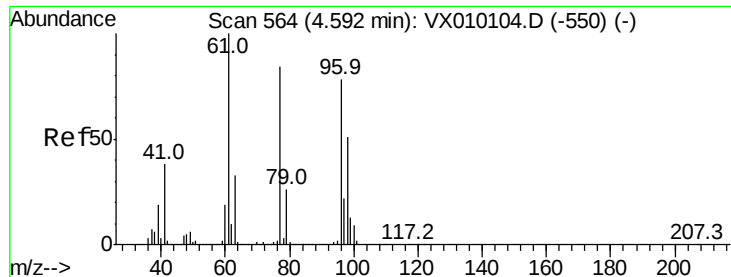
Tgt Ion: 77 Resp: 63640

Ion Ratio Lower Upper

77 100

97 25.7 11.4 34.2





#27

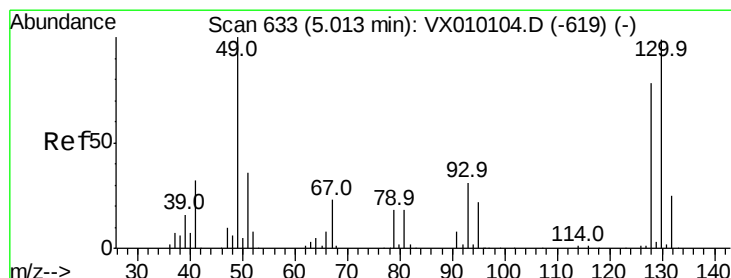
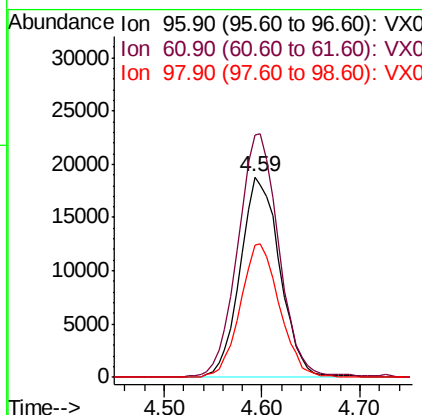
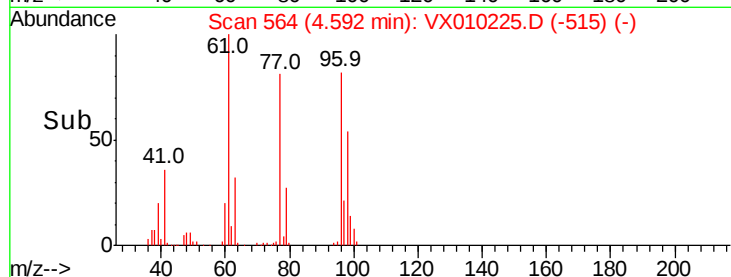
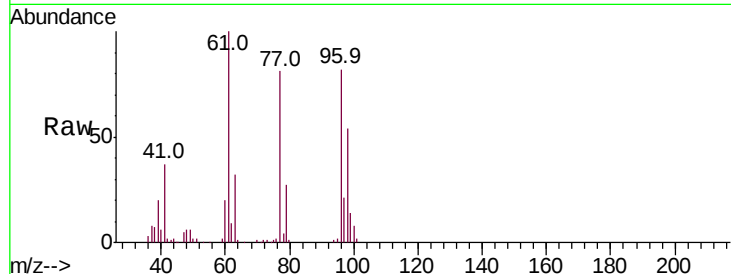
cis-1,2-Dichloroethene
Concen: 19.054 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	334.0
98	65.9	0.0	131.6

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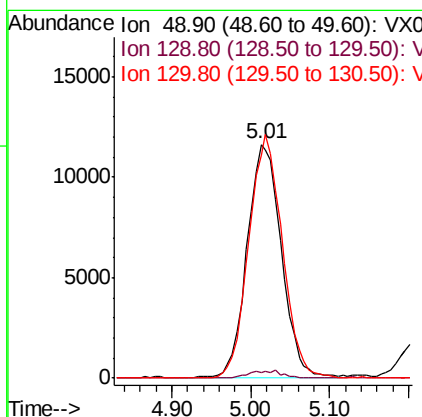
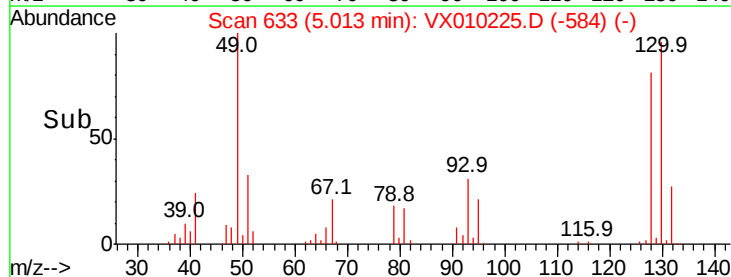
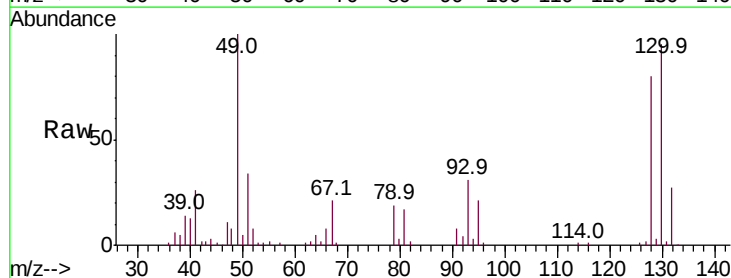
MMDadoda
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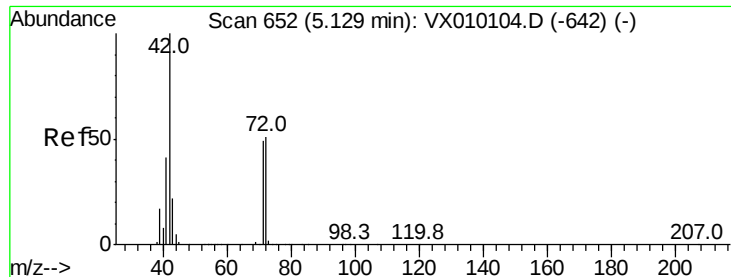


#28

Bromochloromethane
Concen: 19.895 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	101.6	49.4	74.2#





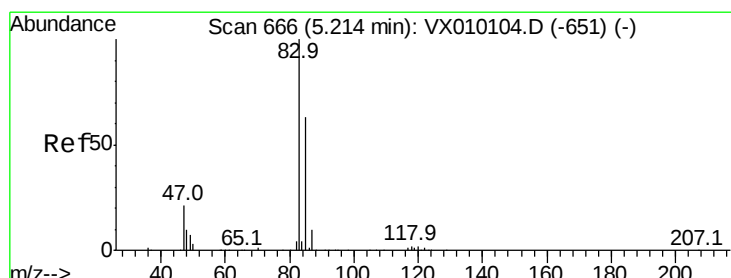
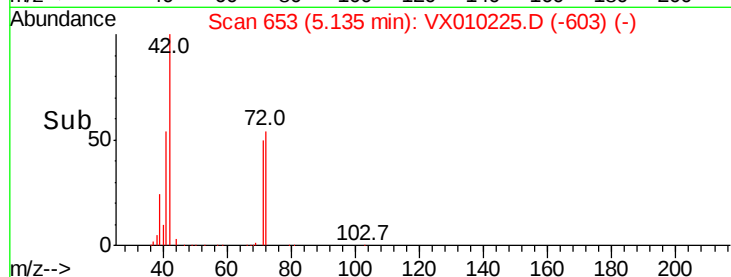
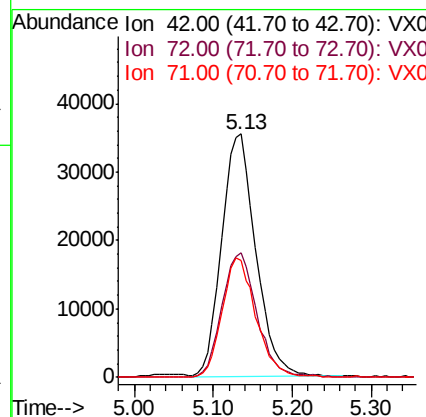
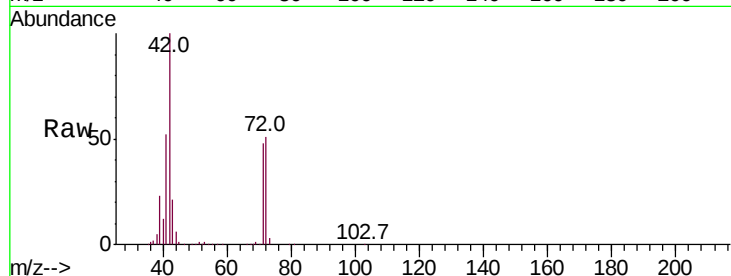
#29
Tetrahydrofuran
Concen: 98.582 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	29.2	43.8#
71	49.0	27.6	41.4#

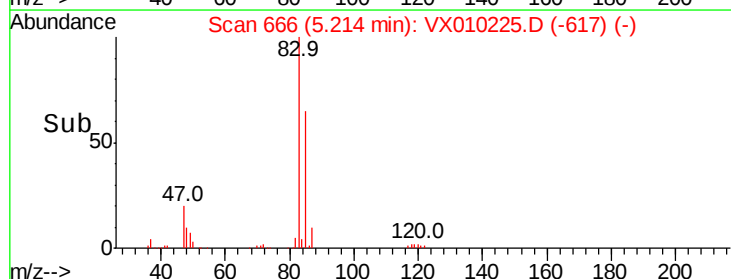
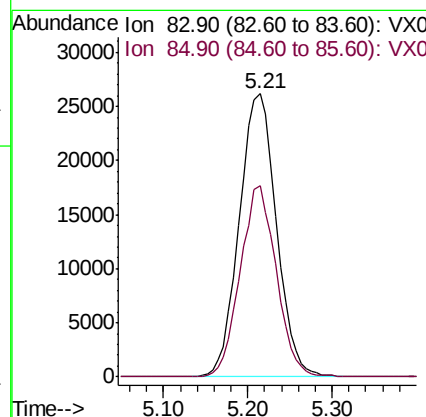
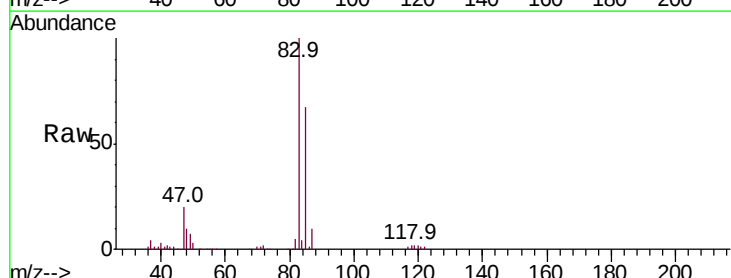
Manual Integrations
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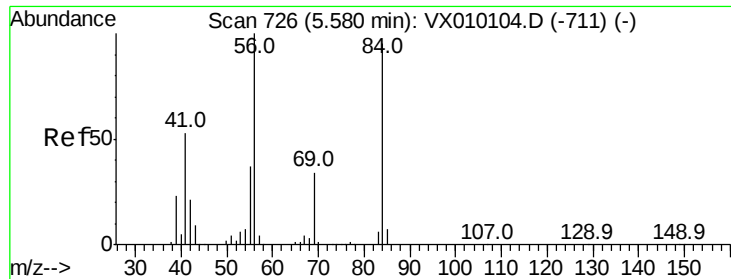
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#30
Chloroform
Concen: 19.052 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.6	78.8





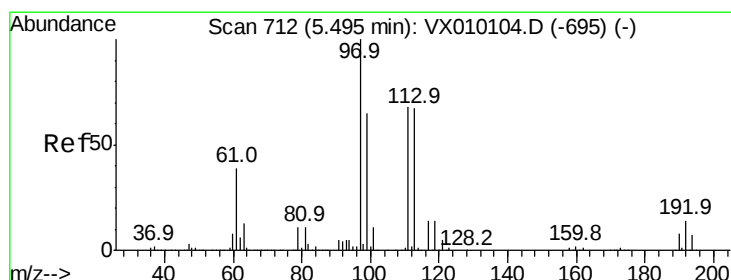
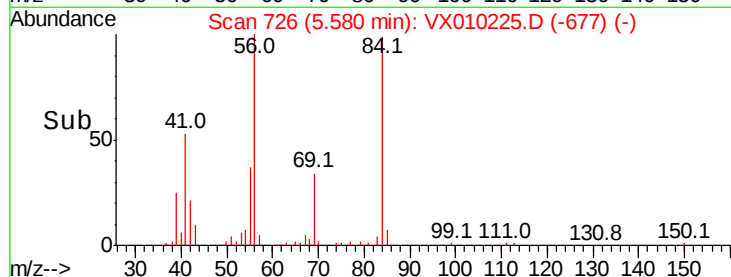
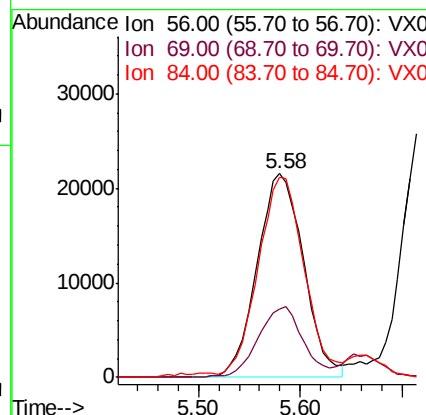
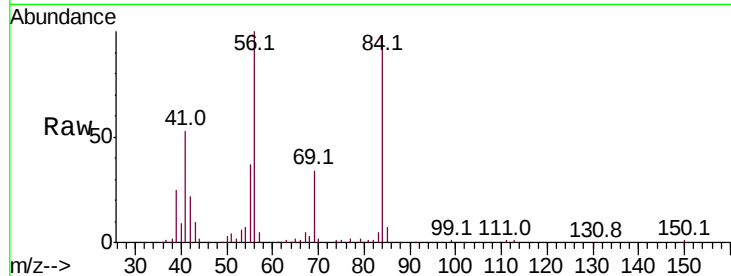
#31
Cyclohexane
Concen: 19.103 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampled :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	21.6	32.4#
84	96.7	56.8	85.2#

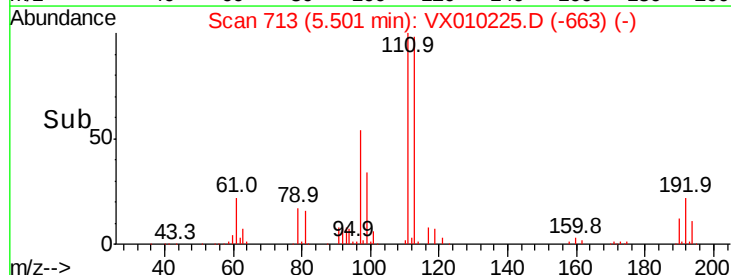
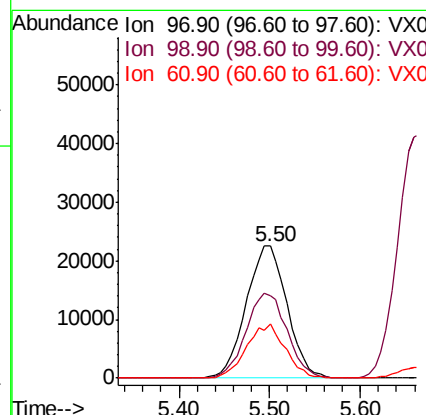
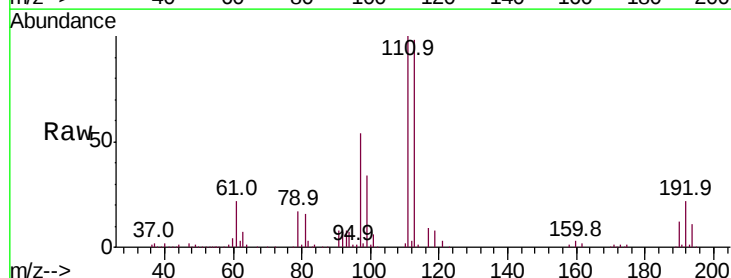
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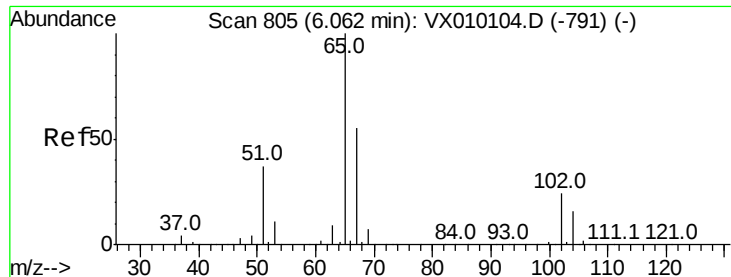
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#32
1,1,1-Trichloroethane
Concen: 18.190 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	39.2	38.7	58.1





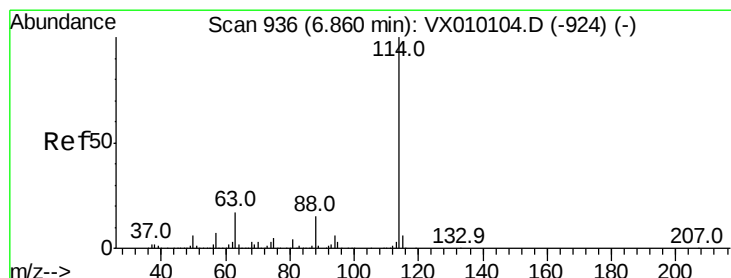
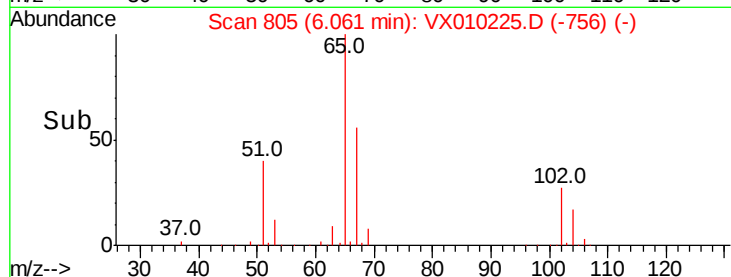
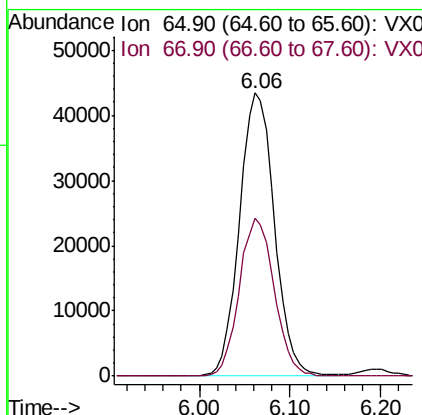
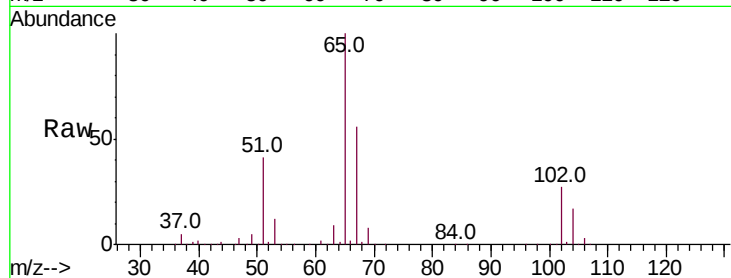
#33
 1,2-Dichloroethane-d4
 Concen: 47.268 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	108.4

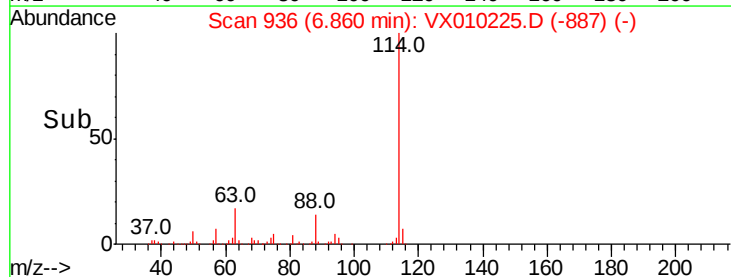
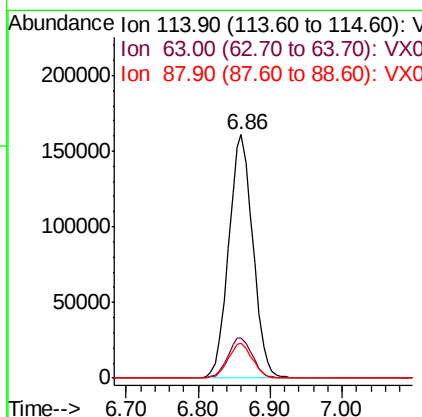
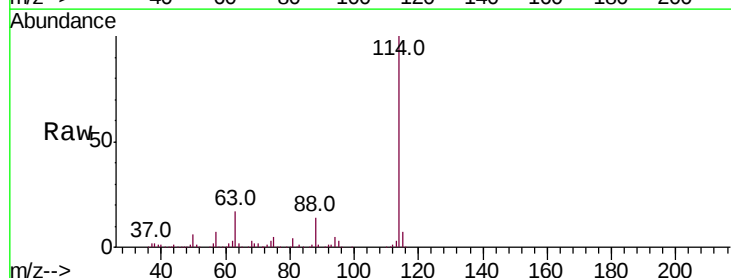
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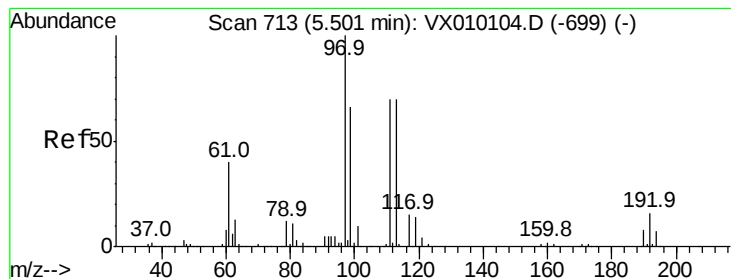
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 6/12/2019 9:21:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	47.4
88	14.4	0.0	33.0





#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

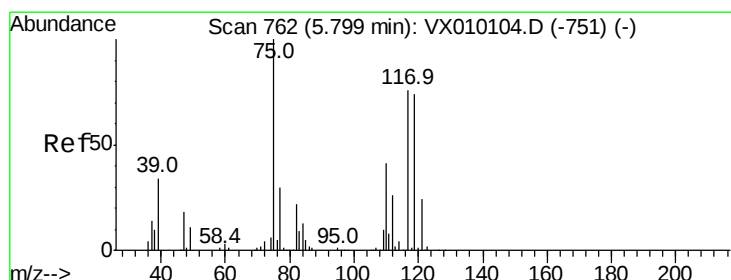
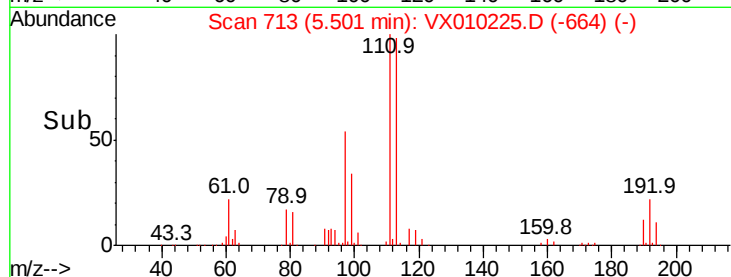
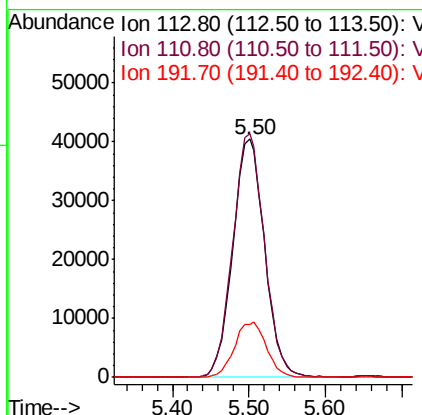
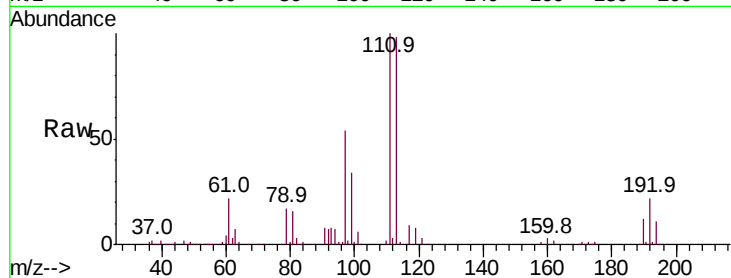
ClientSampleId :

VX0612WBSD01

Tot Ion:	113	Resp:	116486
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.2
192	23.3	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.644 ug/l

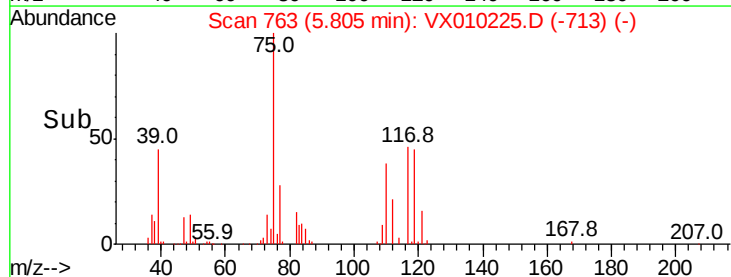
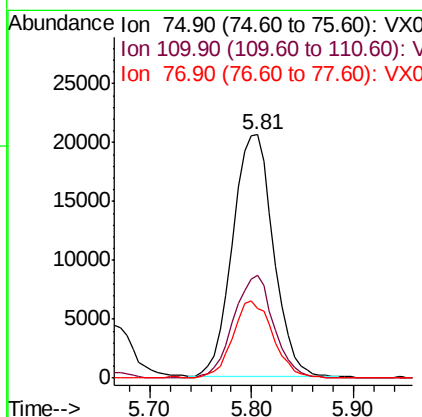
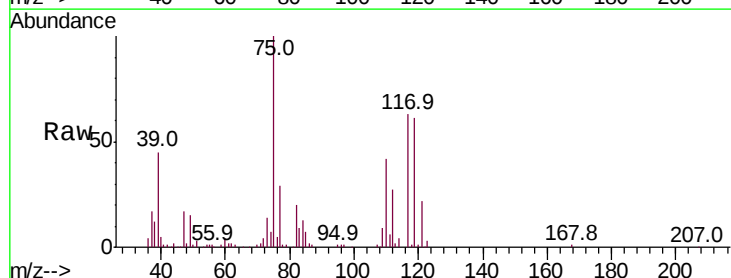
RT: 5.81 min Scan# 763

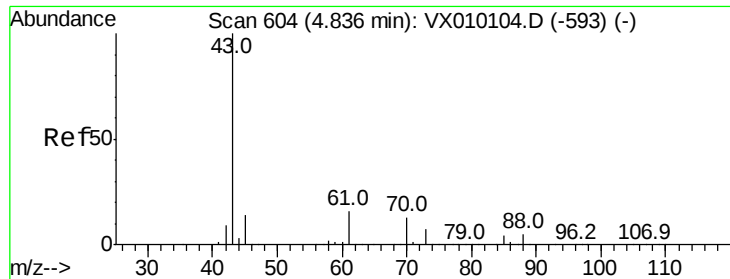
Delta R.T. 0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion:	75	Resp:	57241
Ion Ratio	Lower	Upper	
75	100		
110	41.7	16.7	50.1
77	31.6	25.0	37.4





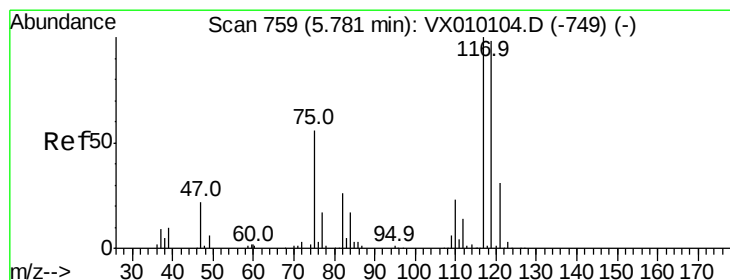
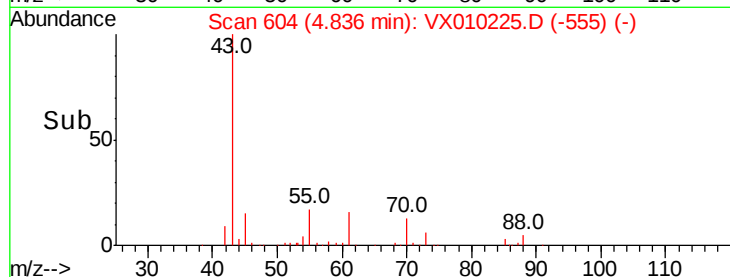
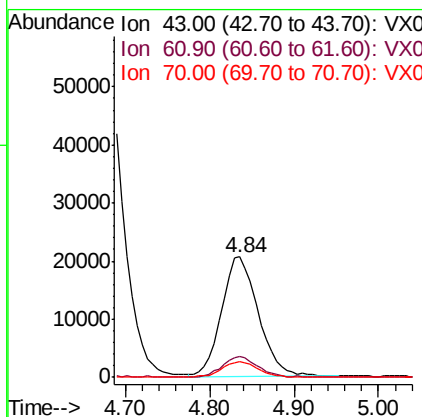
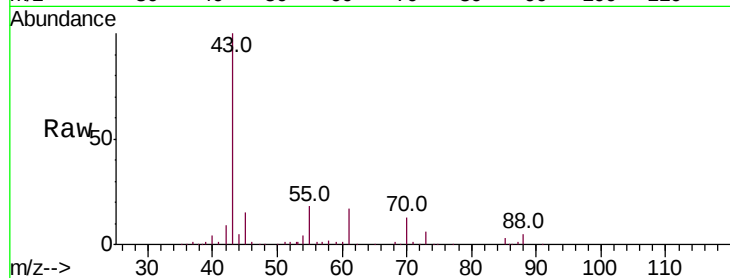
#37
Ethyl Acetate
Concen: 19.176 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.2	15.2#
70	13.3	7.4	11.2#

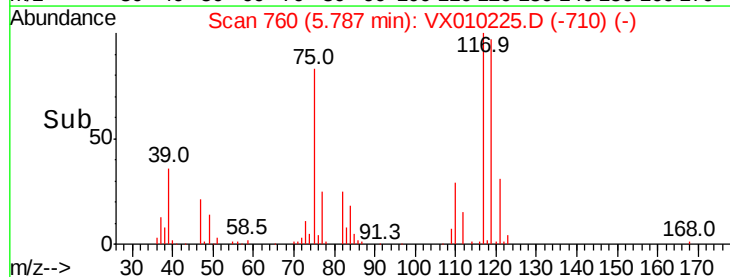
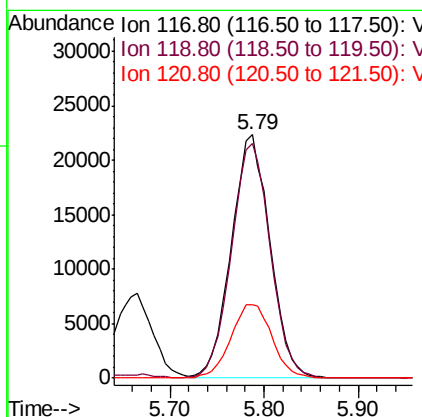
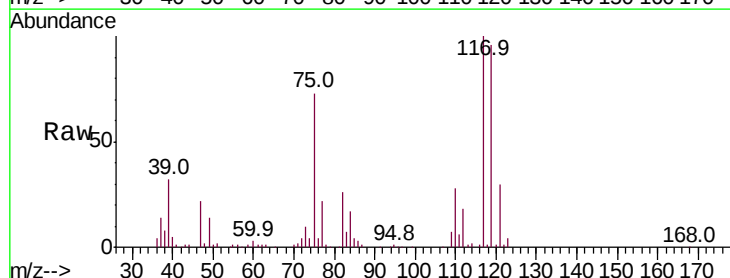
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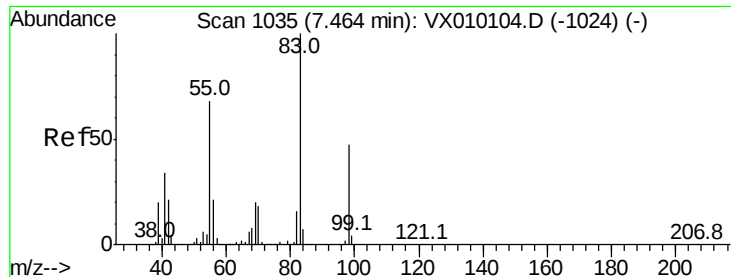
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#38
Carbon Tetrachloride
Concen: 18.459 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
121	30.4	25.4	38.0





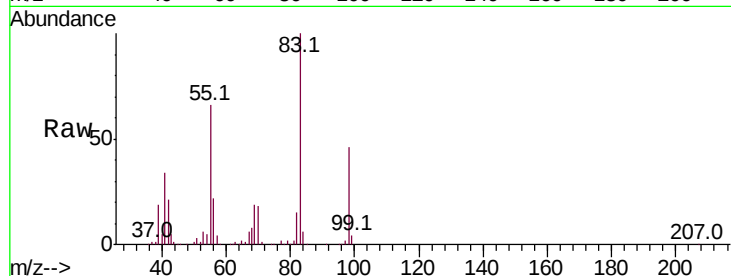
#39
Methvlcvclohexane
Concen: 18.439 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.2	69.9	104.9#
98	46.1	35.1	52.7

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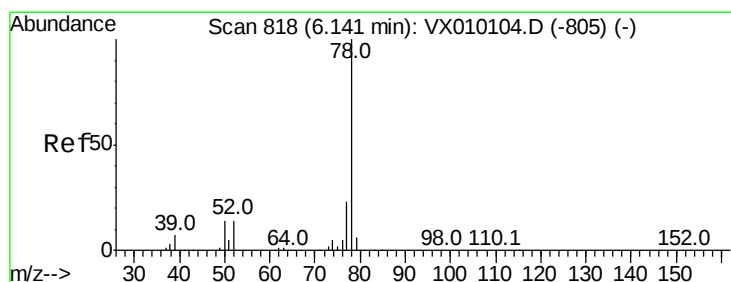
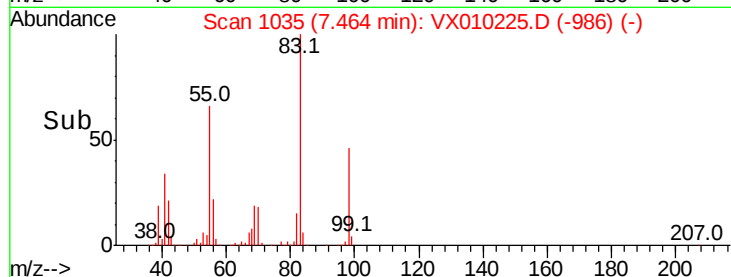
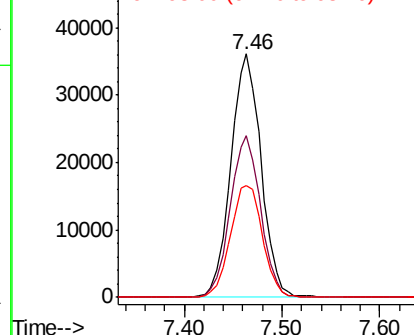


Abundance

Ion 83.00 (82.70 to 83.70): VX0

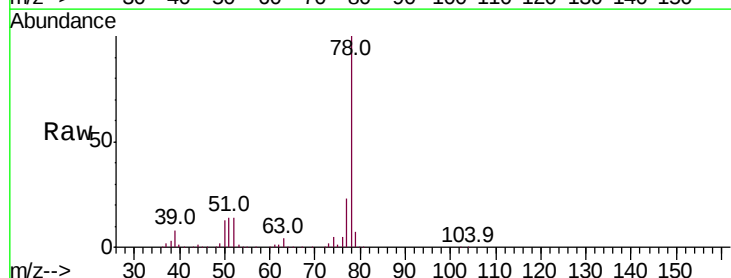
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 19.649 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

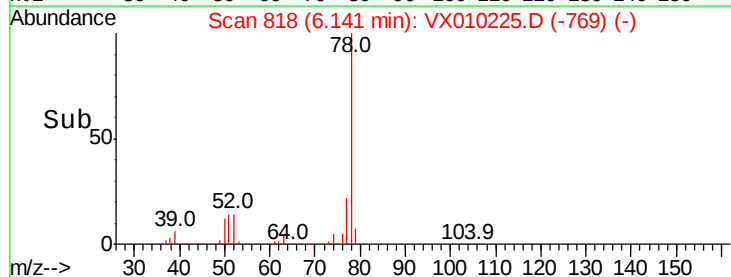
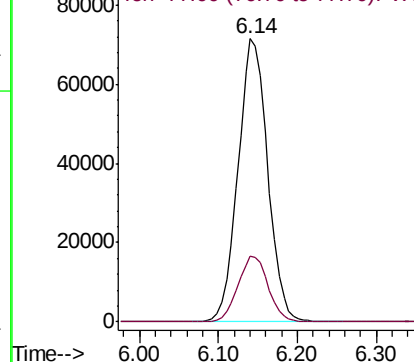
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8

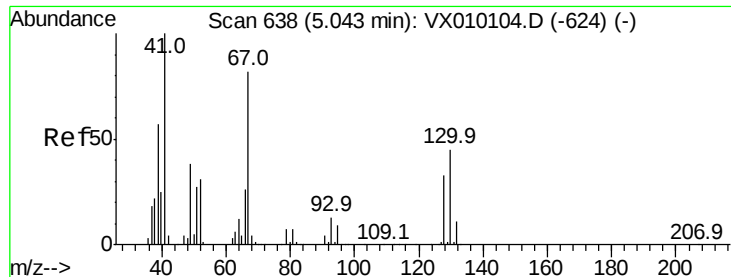


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.243 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 41 Resp: 33251
Ion Ratio Lower Upper

41 100

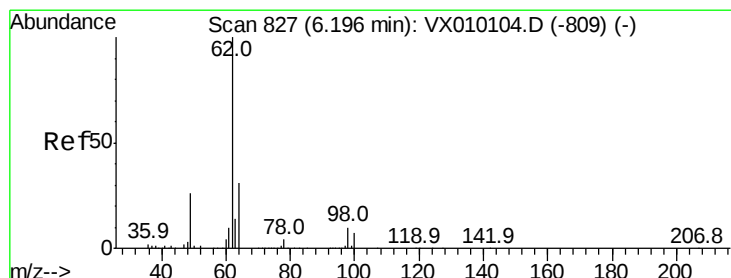
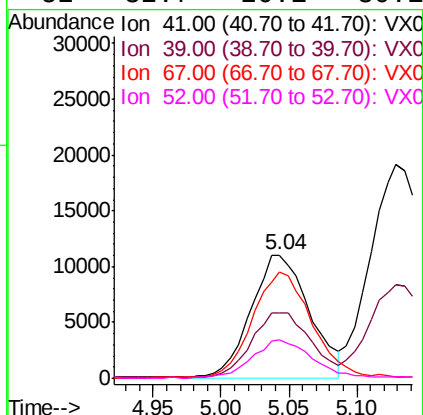
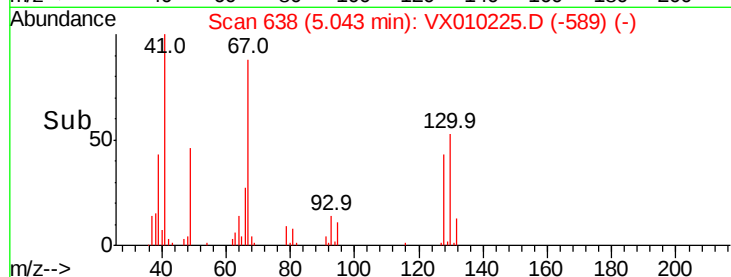
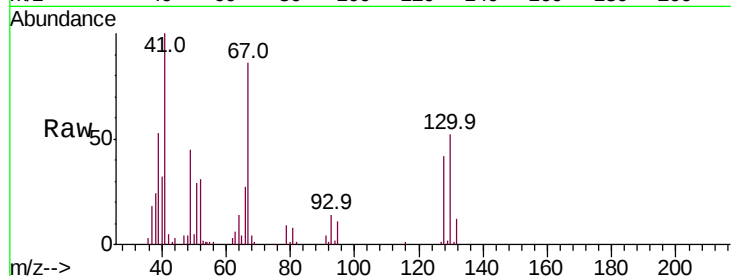
39 52.8 42.2 63.4

67 87.6 48.9 73.3#

52 32.7 20.1 30.1#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.526 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

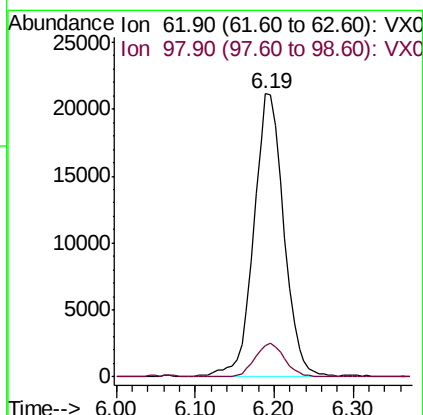
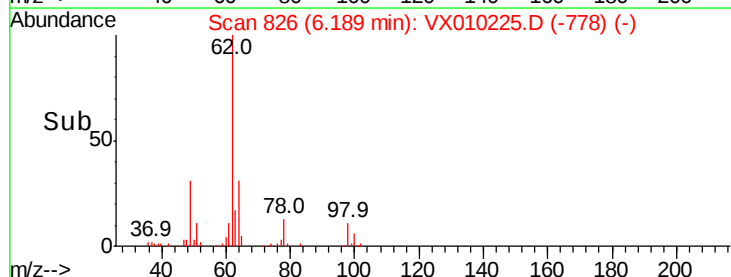
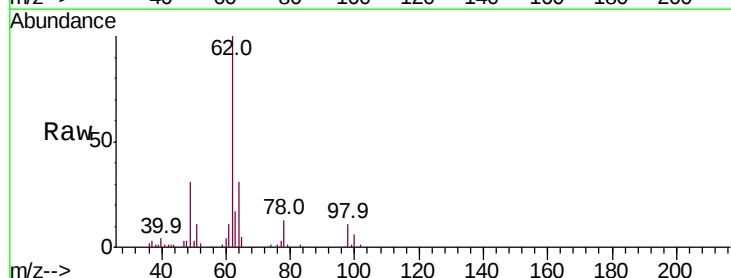
Lab File: VX010225.D

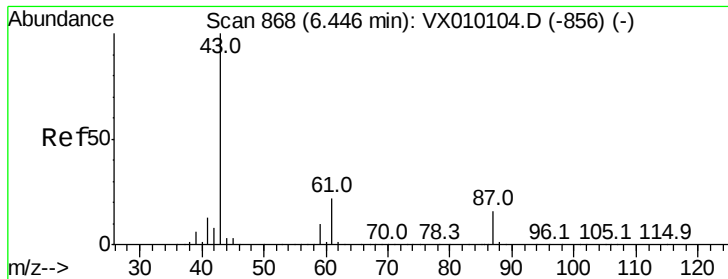
Acq: 11 Jun 2019 12:21

Tgt Ion: 62 Resp: 56148
Ion Ratio Lower Upper

62 100

98 11.8 0.0 17.2





#43

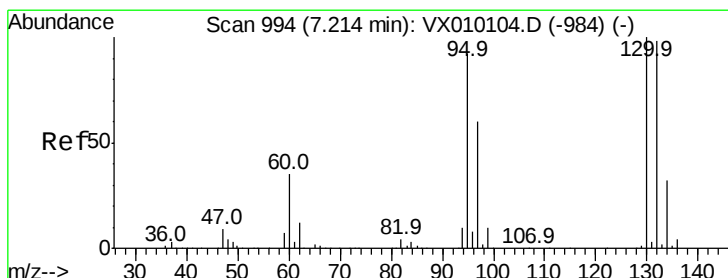
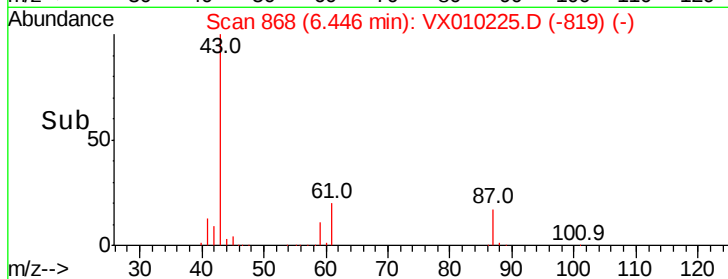
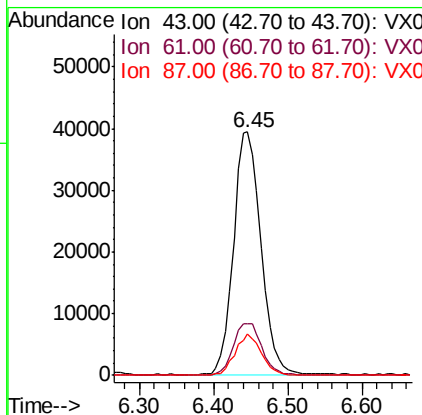
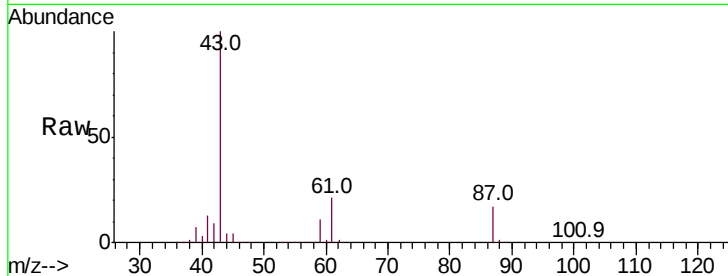
Isopropyl Acetate
 Concen: 19.040 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	14.6	21.8#
87	16.2	8.7	13.1#

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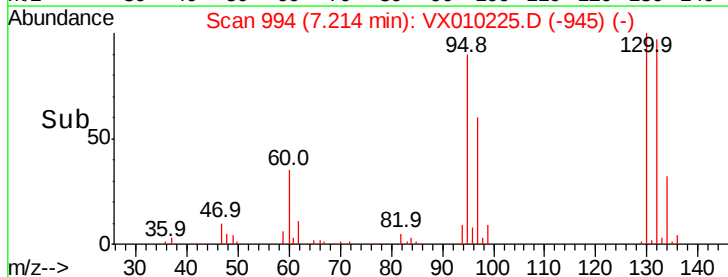
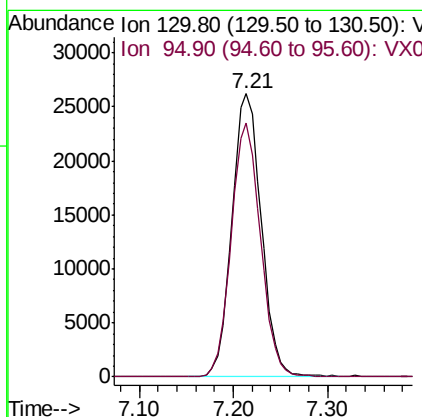
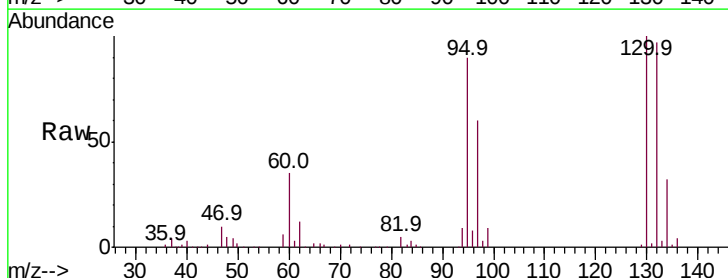
MMDadoda
 6/12/2019 9:21:42 AM

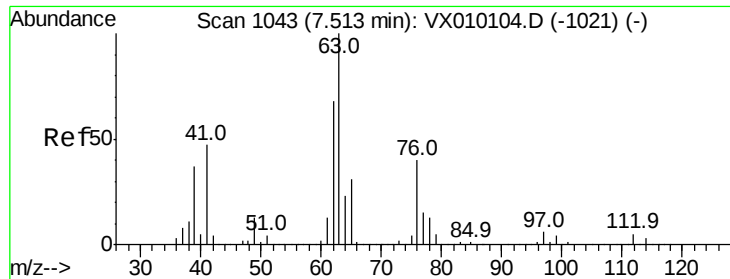


#44

Trichloroethene
 Concen: 19.828 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	207.4





#45

1,2-Dichloropropane

Concen: 19.118 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 63 Resp: 45428

Ion Ratio Lower Upper

63 100

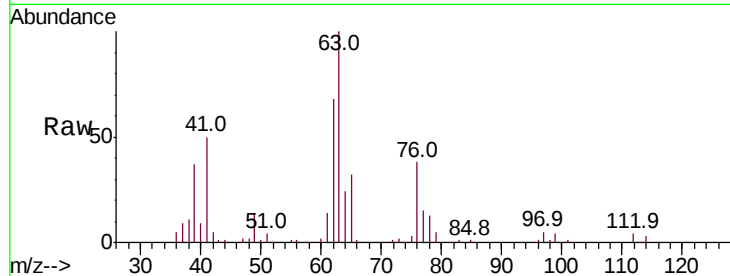
65 31.6 25.7 38.5

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

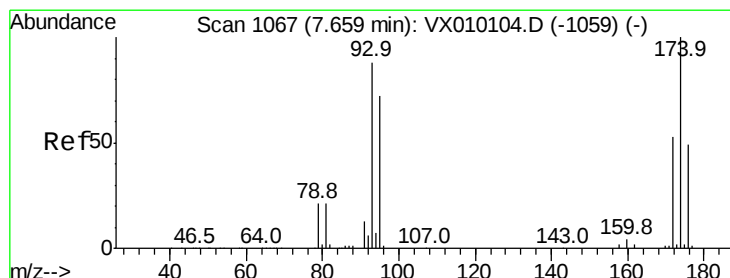
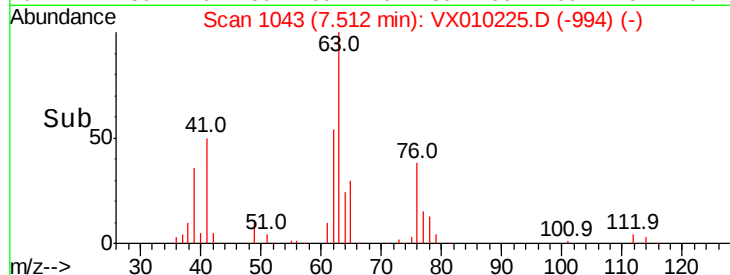
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 18.678 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

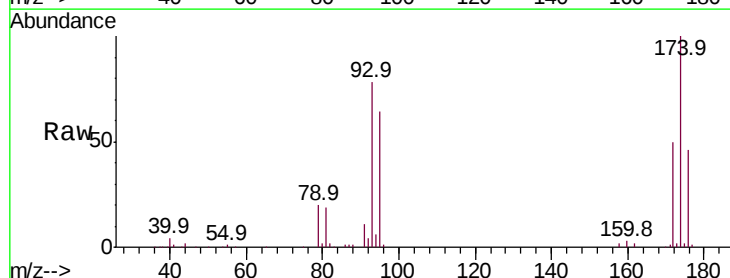
Tgt Ion: 93 Resp: 33250

Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 123.8 81.9 122.9#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

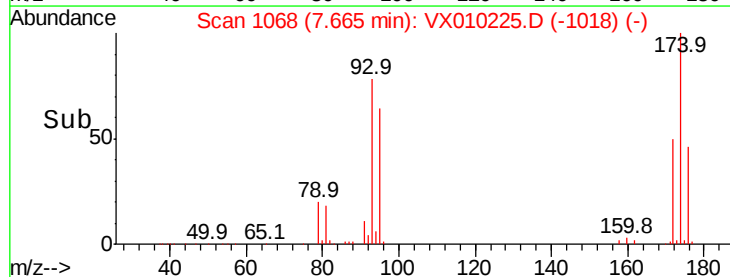
15000

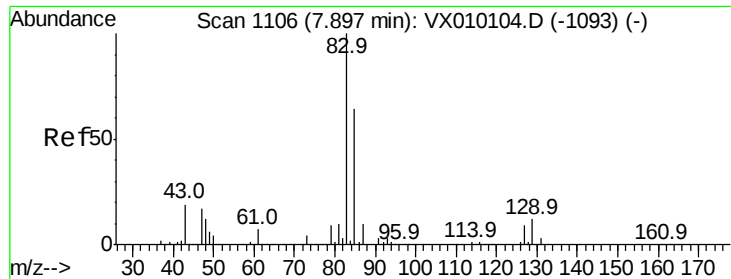
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 18.618 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

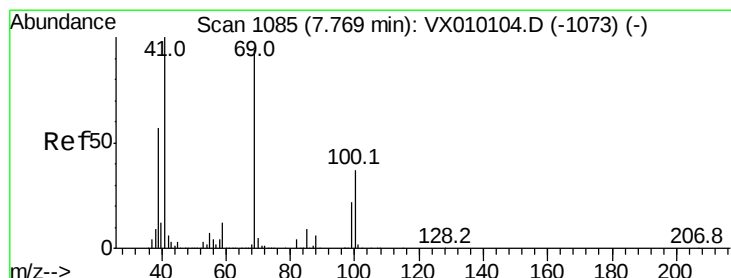
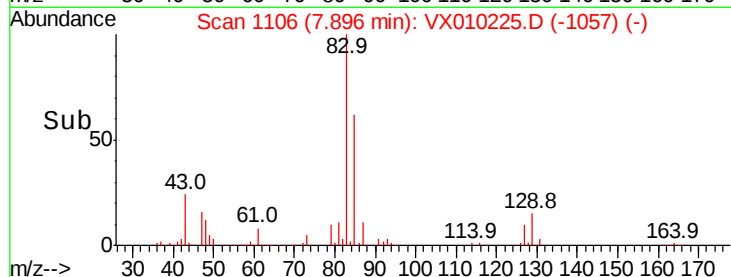
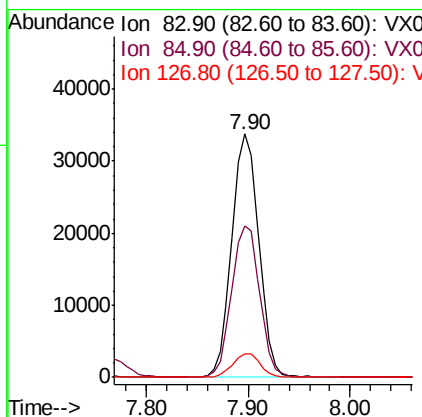
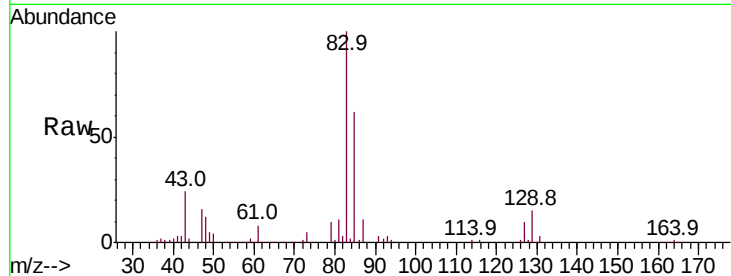
ClientSampleId :

VX0612WBSD01

Tot Ion	83	Resp	61932
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.2
127	9.6	6.4	9.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.915 ug/l

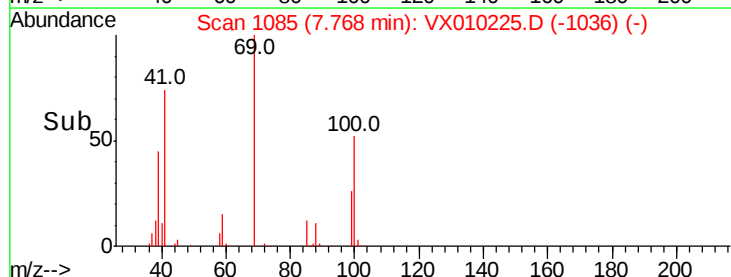
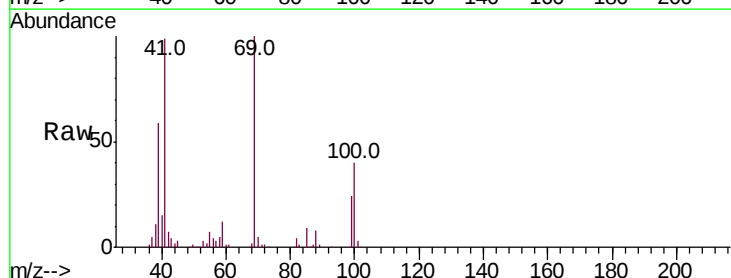
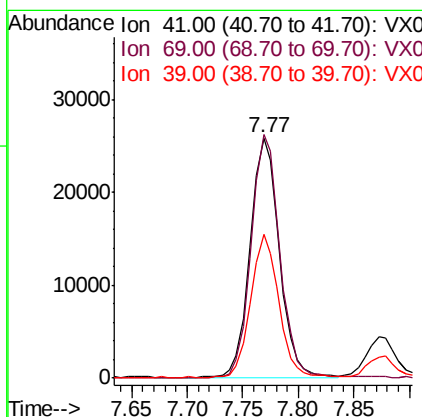
RT: 7.77 min Scan# 1085

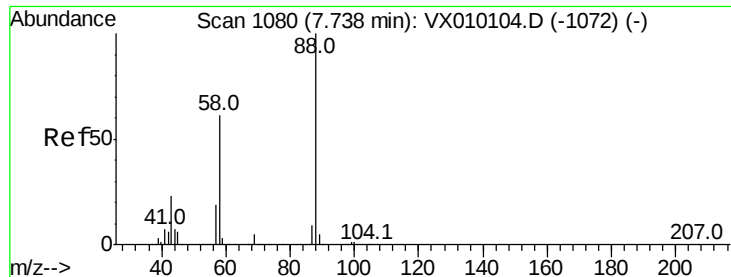
Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion	41	Resp	47246
Ion	Ratio	Lower	Upper
41	100		
69	100.7	56.4	84.6#
39	57.3	40.6	60.8





#49

1,4-Dioxane

Concen: 397.194 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

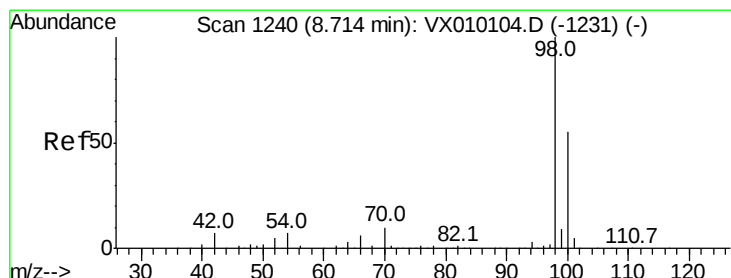
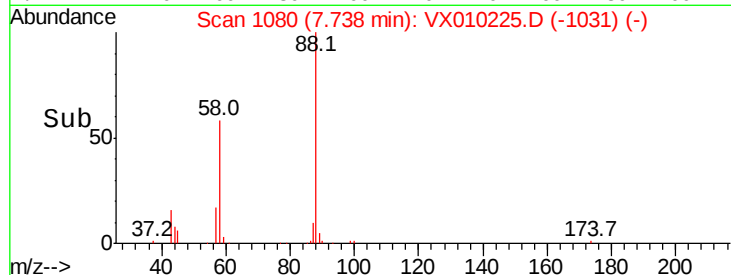
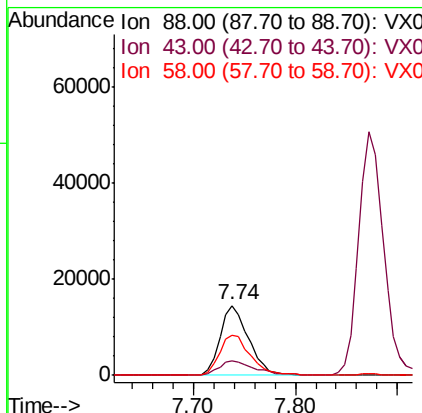
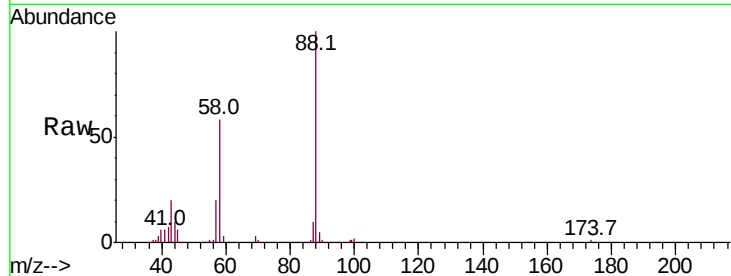
ClientSampleId :

VX0612WBSD01

Tot Ion:	88	Resp:	28287
Ion	Ratio	Lower	Upper
88	100		
43	25.1	30.2	45.4#
58	62.4	64.0	96.0#

Manual Integrations
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#50

Toluene-d8

Concen: 51.506 ug/l

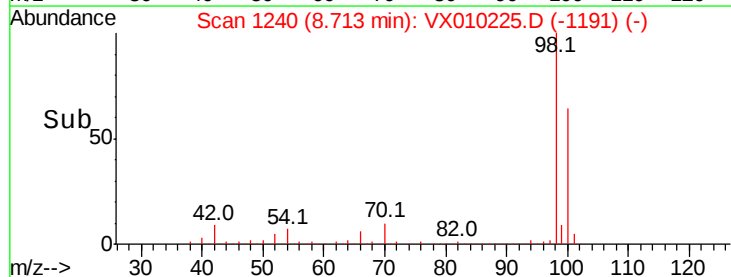
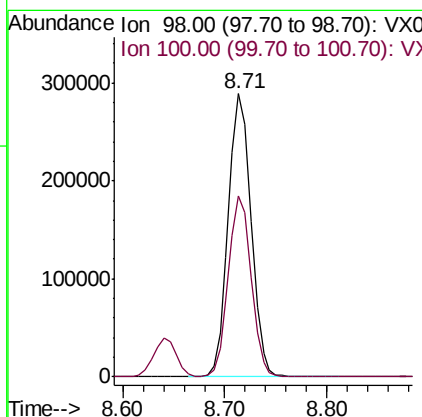
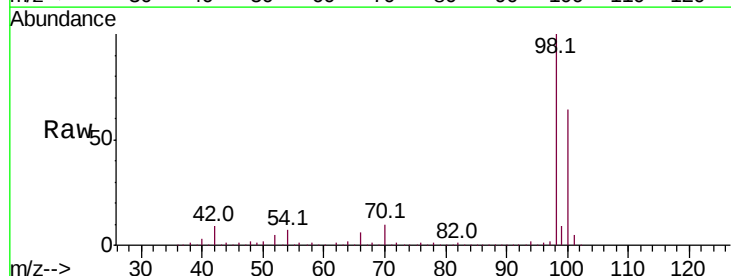
RT: 8.71 min Scan# 1240

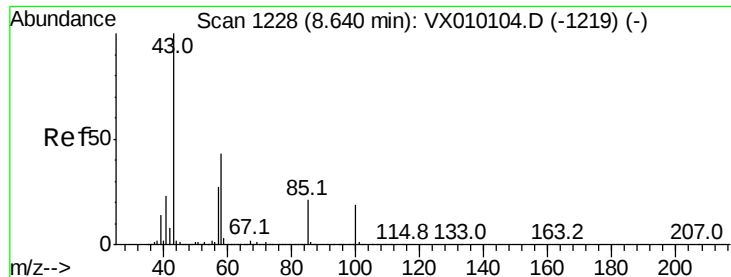
Delta R.T. 0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion:	98	Resp:	448082
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3





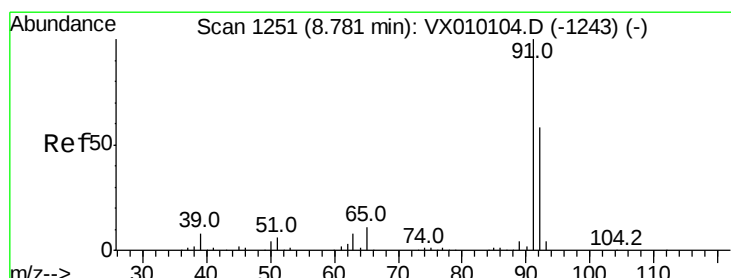
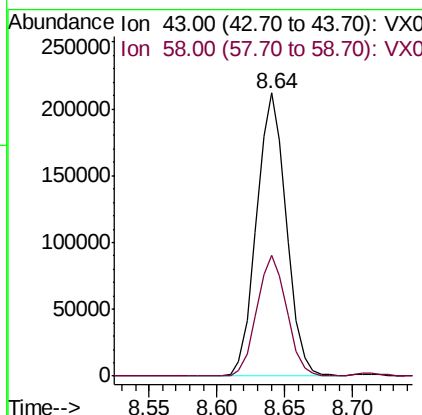
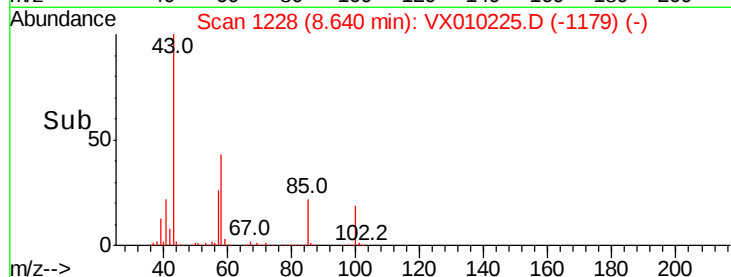
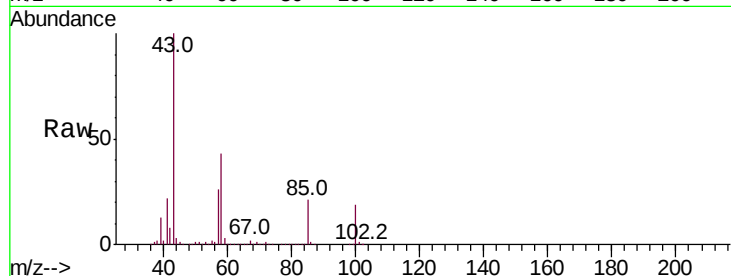
#51
4-Methyl-2-Pentanone
Concen: 102.157 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.6	28.8	43.2

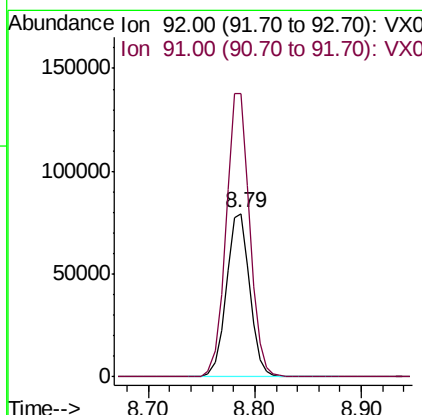
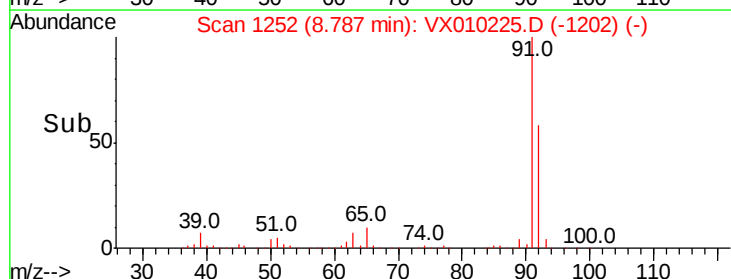
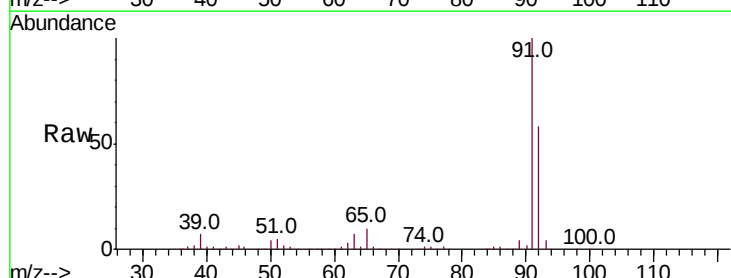
Manual Integrations
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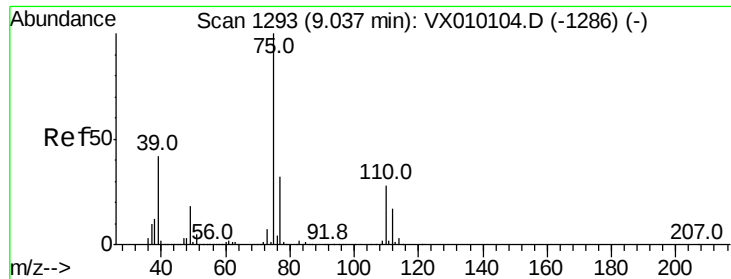
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#52
Toluene
Concen: 19.611 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	139.9	209.9





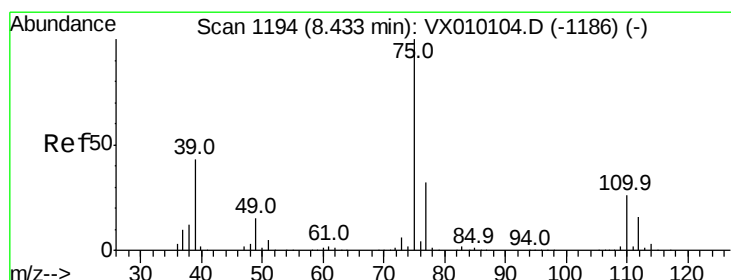
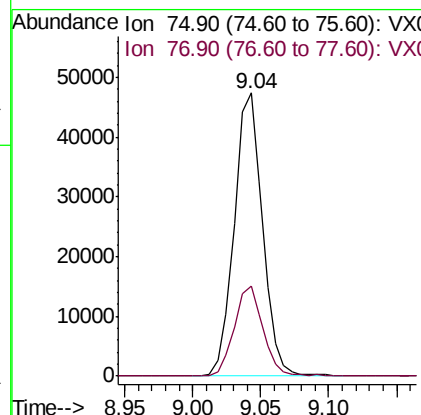
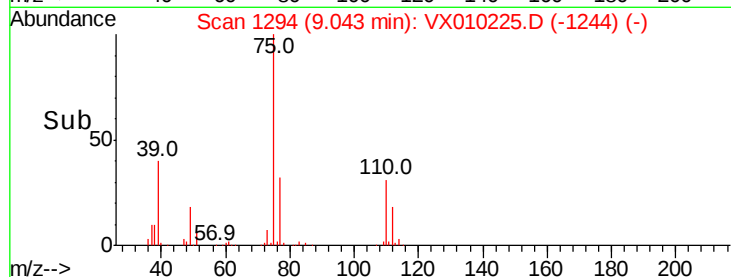
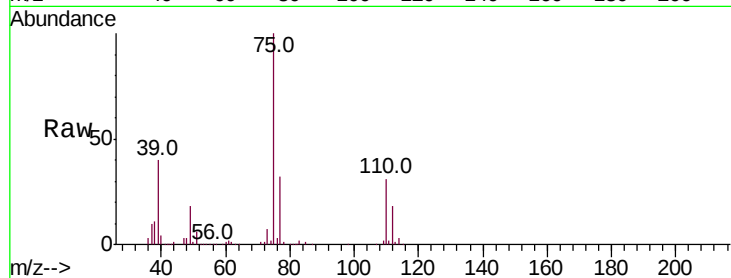
#53
 t-1,3-Dichloropropene
 Concen: 17.843 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tot Ion: 75 Resp: 68652
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8

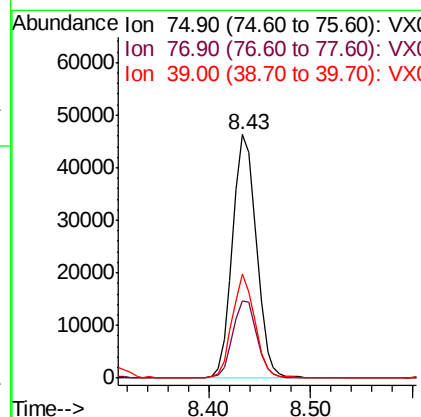
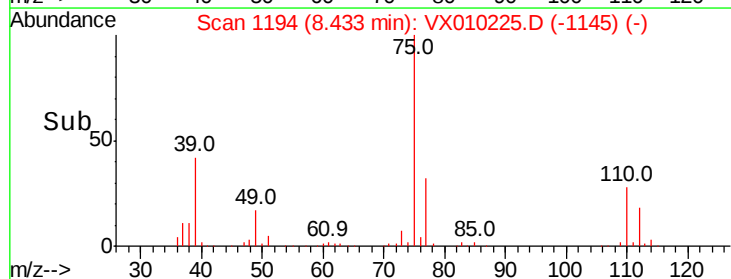
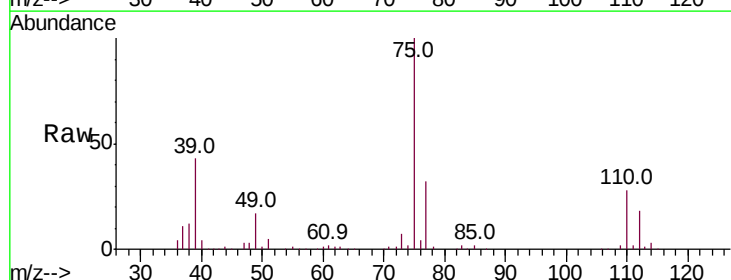
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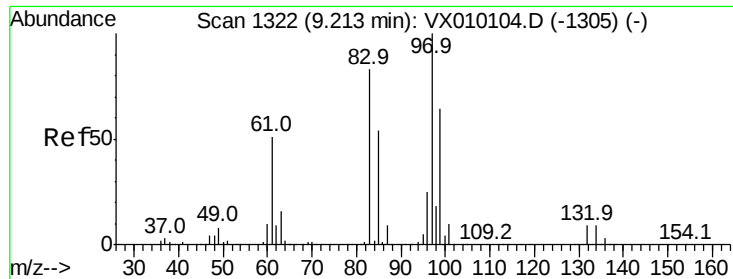
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#54
 cis-1,3-Dichloropropene
 Concen: 18.212 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion: 75 Resp: 75122
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 42.5 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 19.559 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 97 Resp: 49988

Ion Ratio Lower Upper

97 100

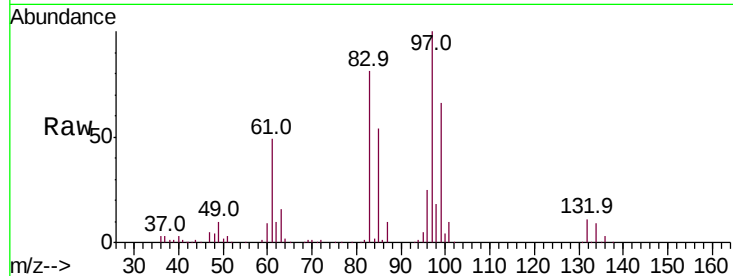
83 80.9 69.8 104.8

85 54.2 45.3 67.9

99 65.8 49.0 73.4

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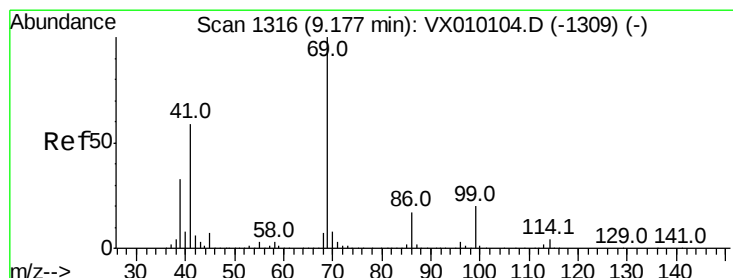
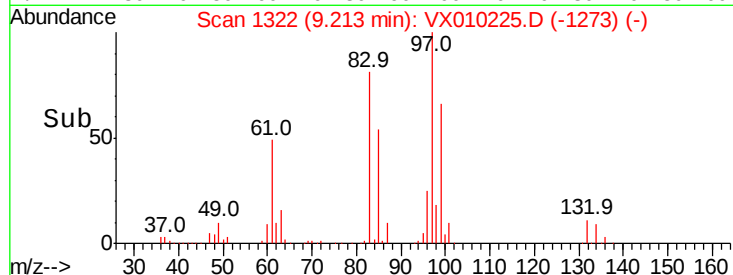
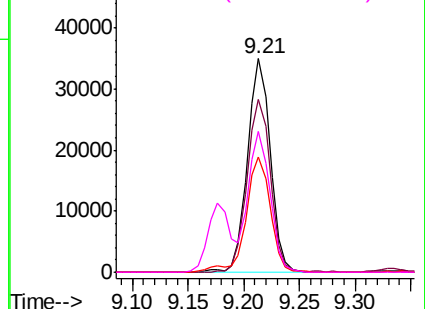
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.356 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

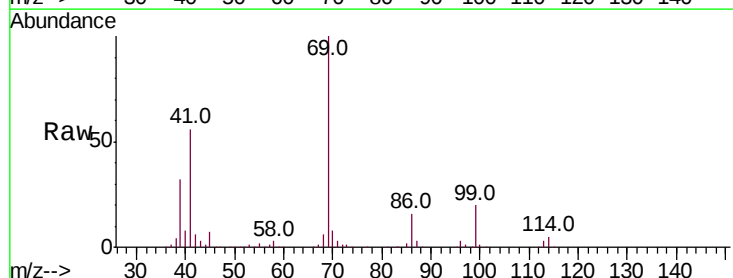
Tgt Ion: 69 Resp: 78146

Ion Ratio Lower Upper

69 100

41 56.4 62.7 94.1#

39 31.9 29.5 44.3

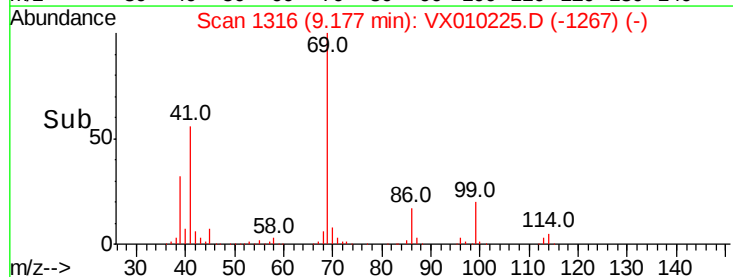
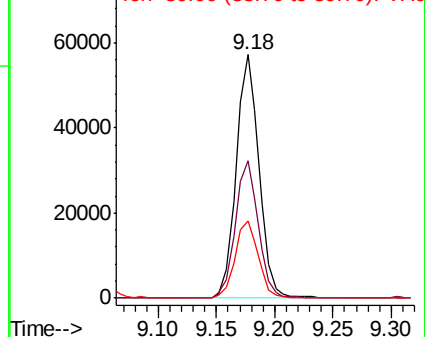


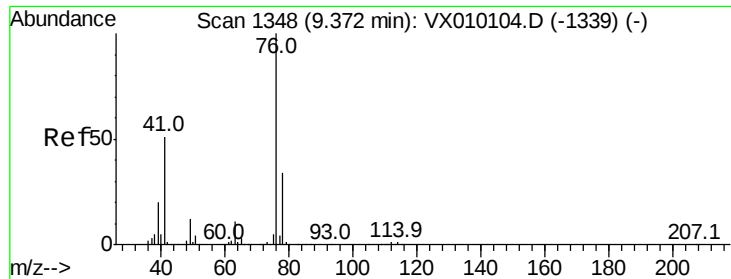
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.355 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 76 Resp: 77880

Ion Ratio Lower Upper

76 100

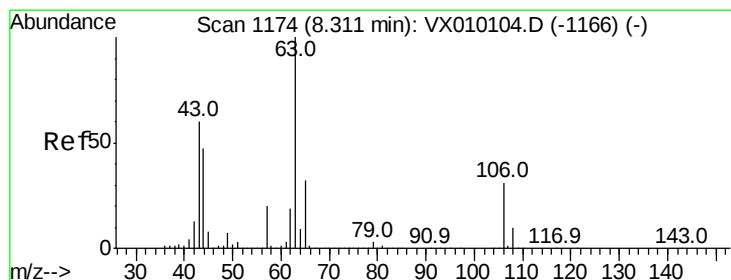
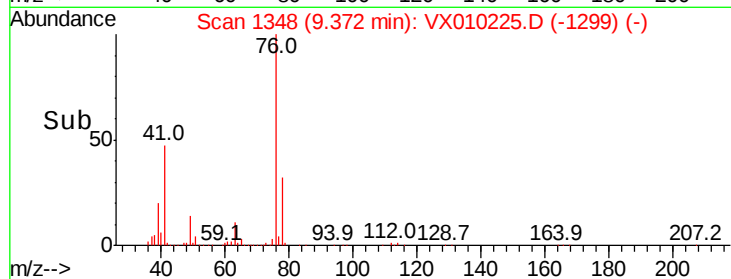
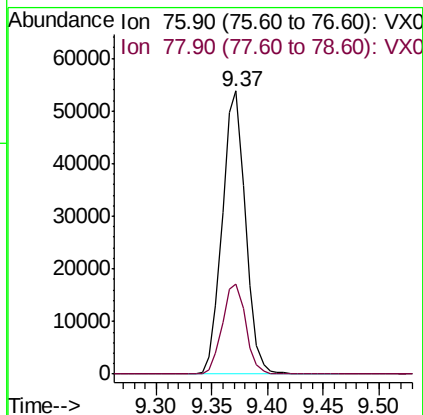
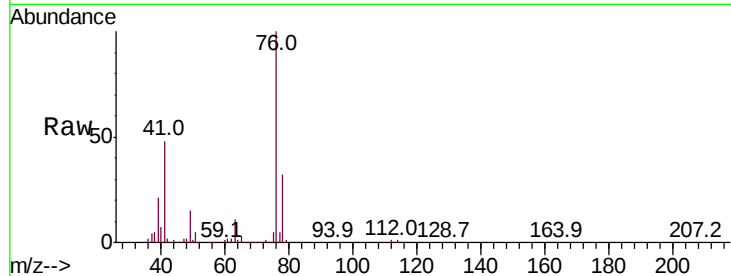
78 32.3 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 96.973 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010225.D

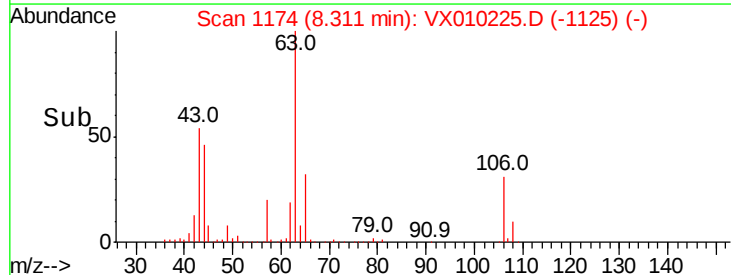
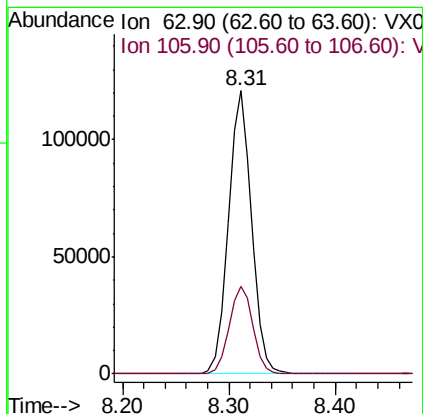
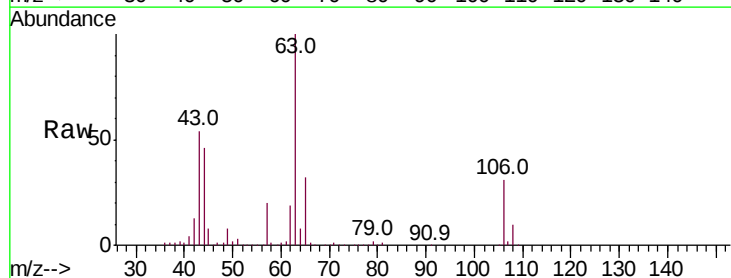
Acq: 11 Jun 2019 12:21

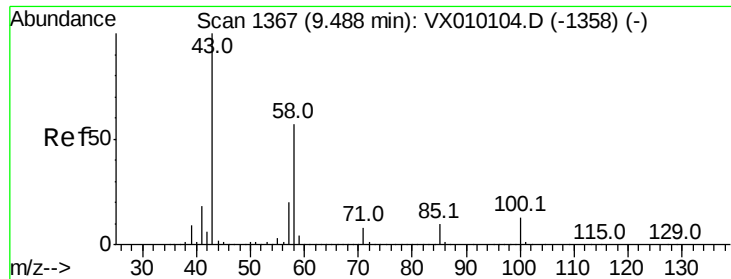
Tgt Ion: 63 Resp: 184564

Ion Ratio Lower Upper

63 100

106 31.5 19.4 29.2#





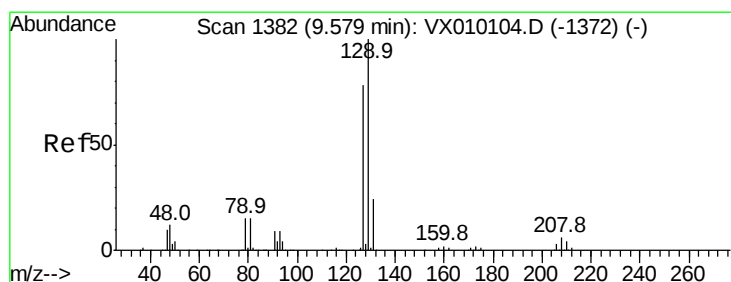
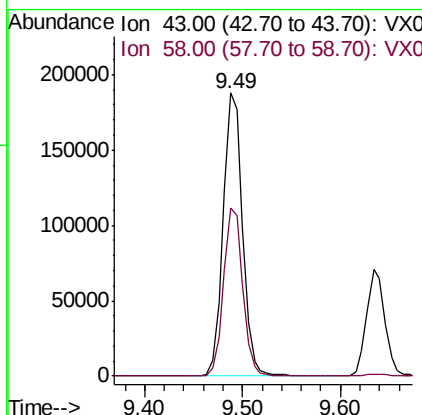
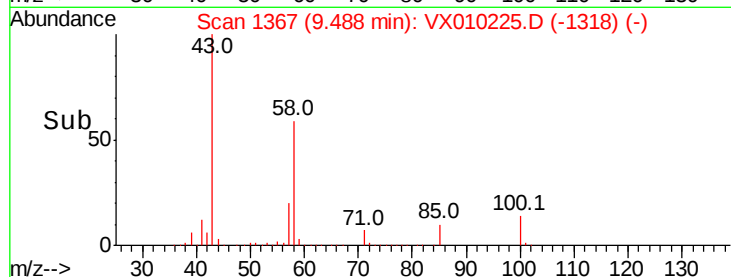
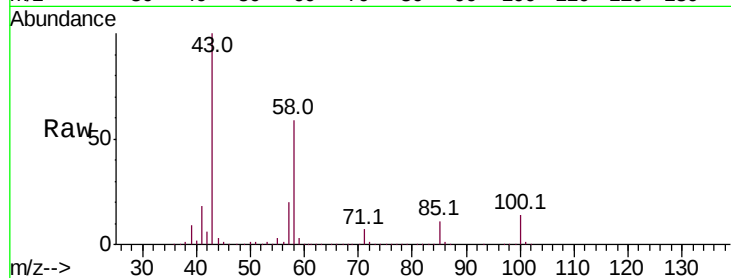
#59
2-Hexanone
Concen: 101.238 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion: 43 Resp: 257551
Ion Ratio Lower Upper
43 100
58 59.5 25.1 75.3

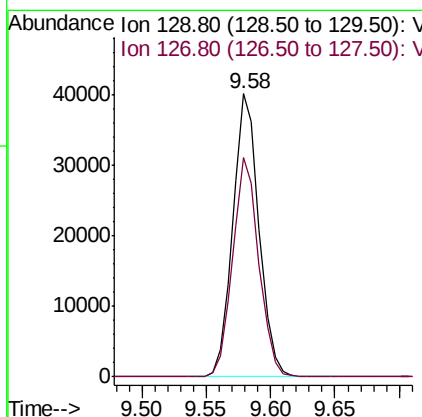
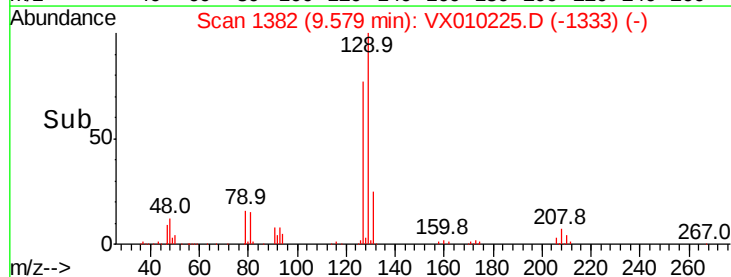
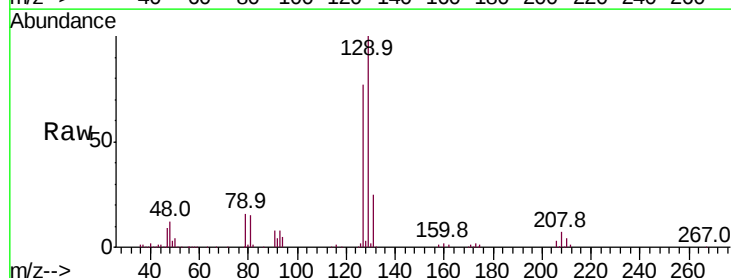
Manual Integrations
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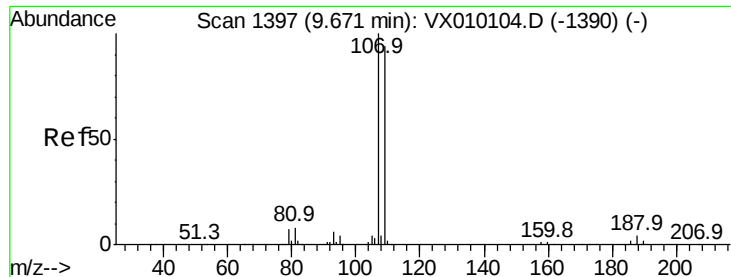
MMDadoda
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#60
Dibromochloromethane
Concen: 18.845 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion:129 Resp: 56968
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





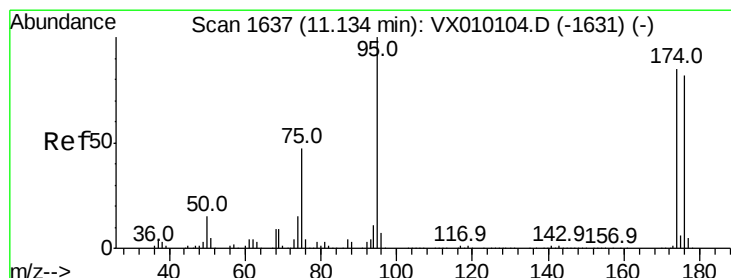
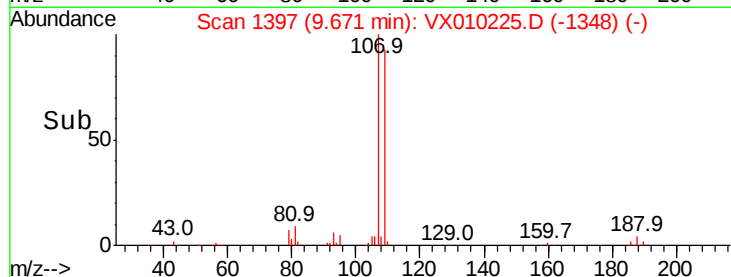
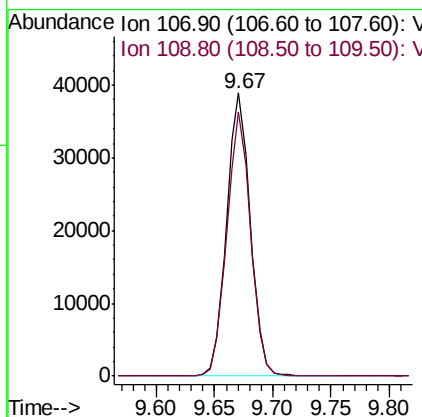
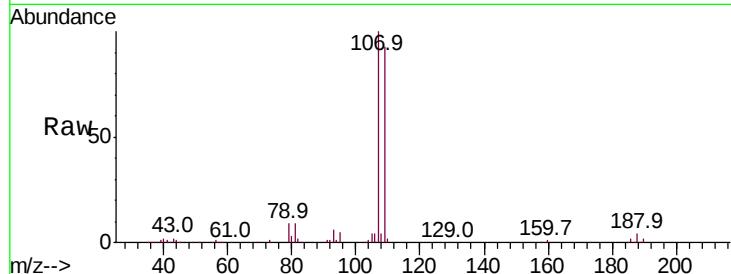
#61
1,2-Dibromoethane
Concen: 19.370 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.4	113.2

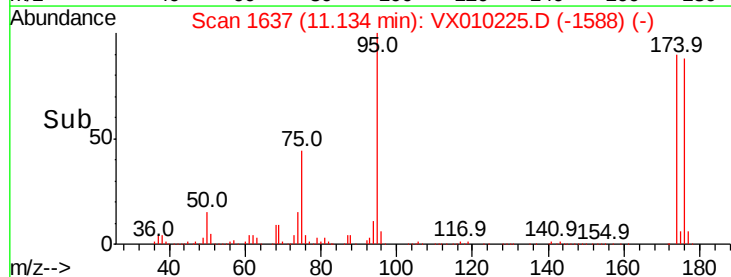
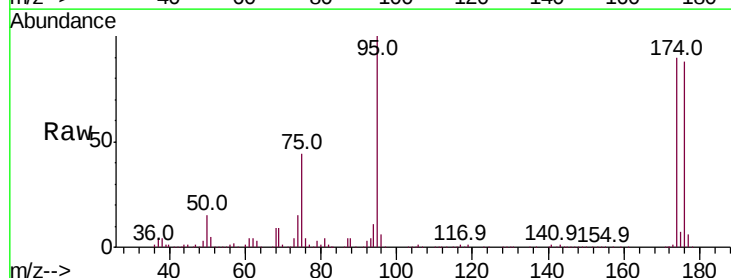
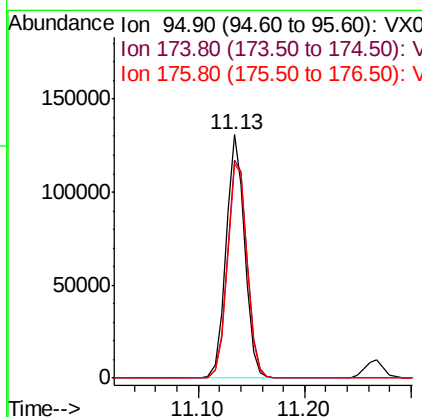
Manual Integrations
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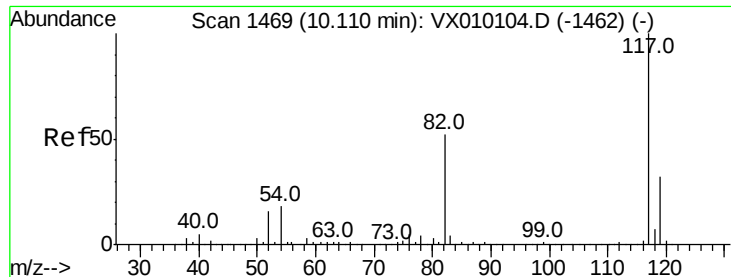
MMDadoda
6/12/2019 9:21:42 AM



#62
4-Bromofluorobenzene
Concen: 49.332 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	160.4
176	92.9	0.0	154.6





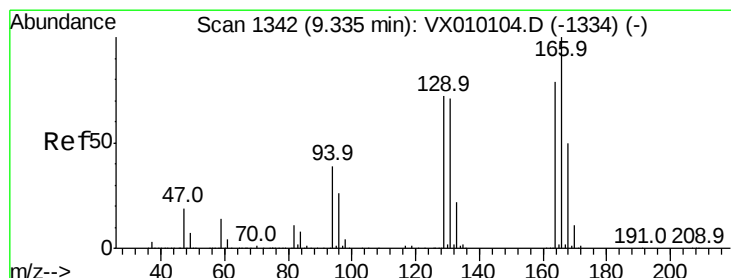
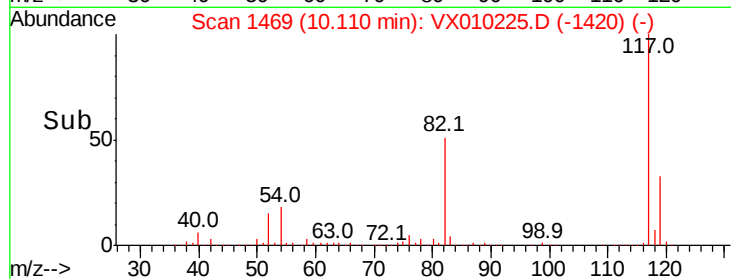
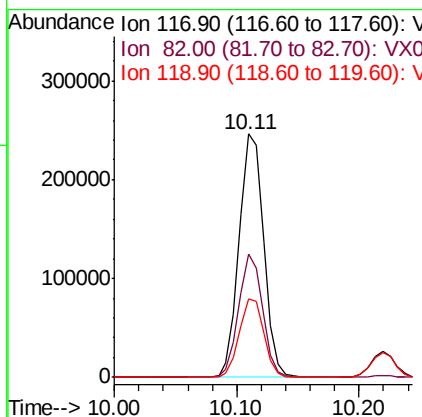
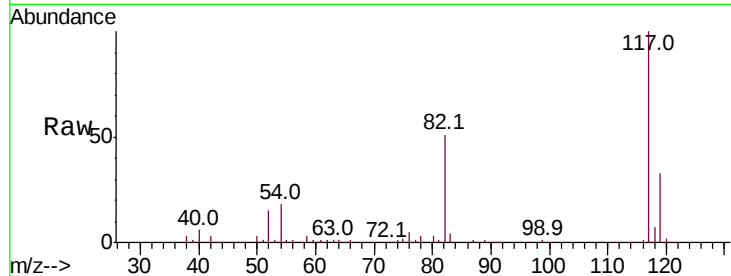
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	49.2	73.8
119	32.5	25.2	37.8

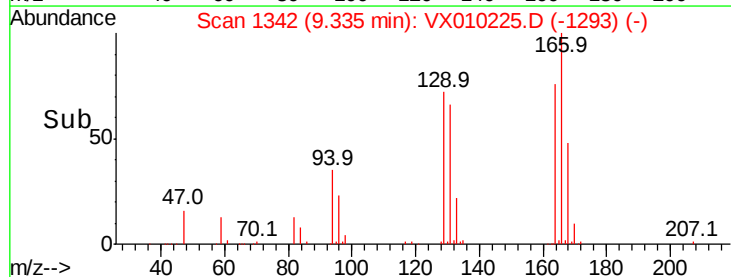
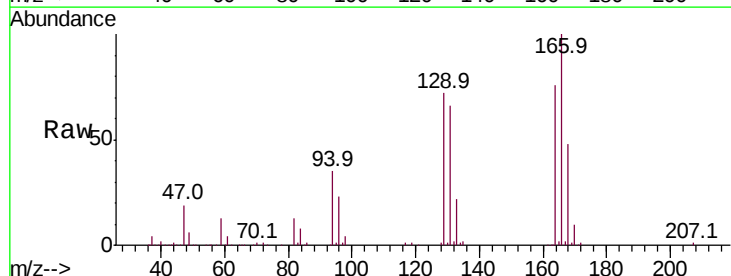
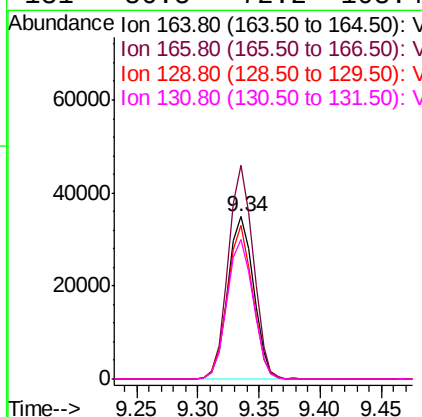
Manual Integrations
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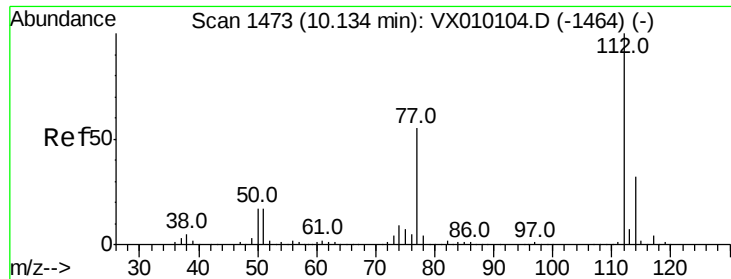
MMDadoda
6/12/2019 9:21:42 AM



#64
Tetrachloroethene
Concen: 20.043 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	105.0	157.4
129	94.8	75.1	112.7
131	86.5	72.2	108.4





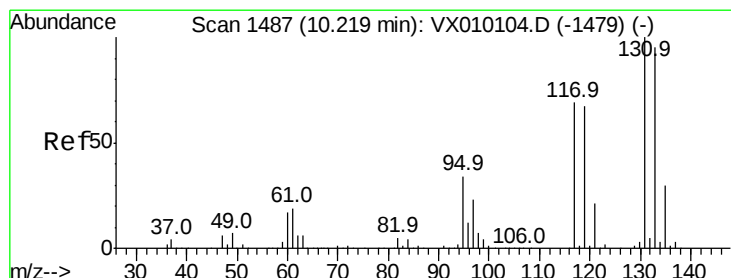
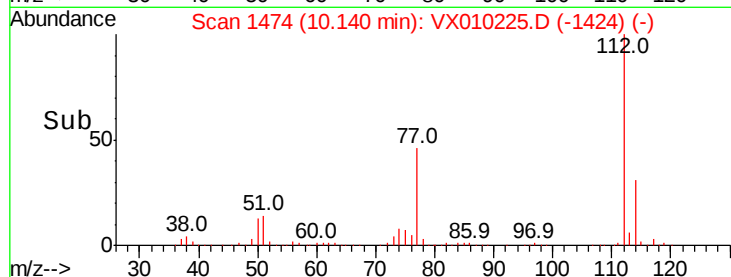
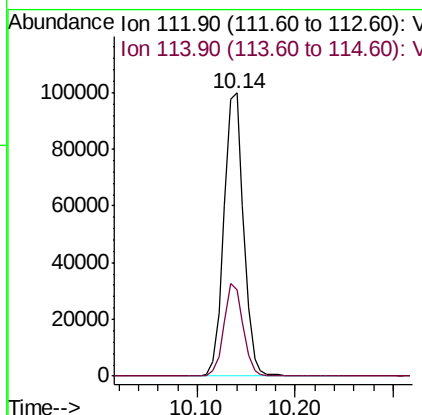
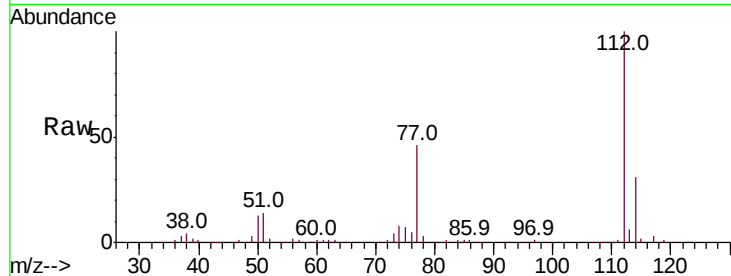
#65
Chlorobenzene
Concen: 19.792 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion:112 Resp: 139655
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8

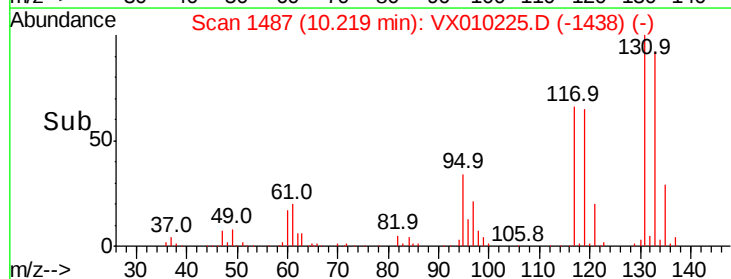
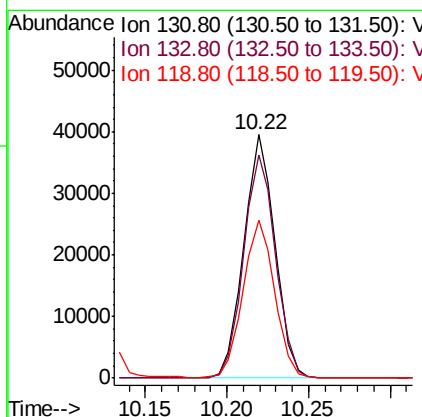
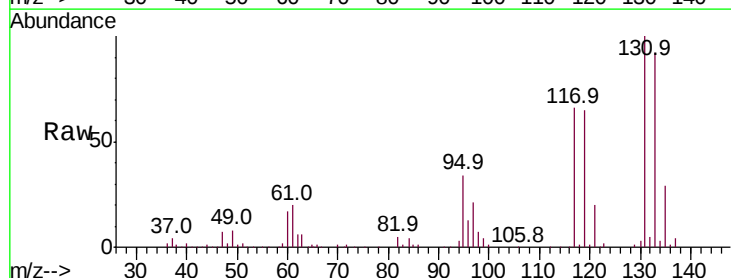
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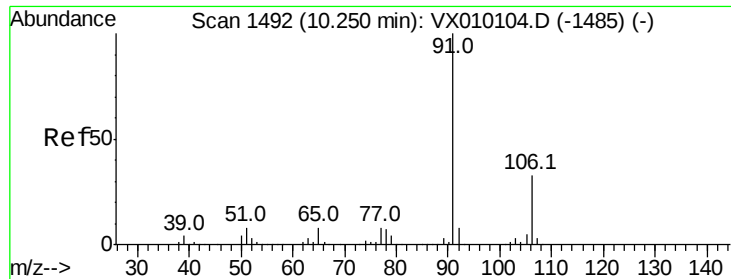
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion:131 Resp: 52601
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 65.6 33.4 100.1





#67

Ethyl Benzene

Concen: 19.301 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 91 Resp: 231842

Ion Ratio Lower Upper

91 100

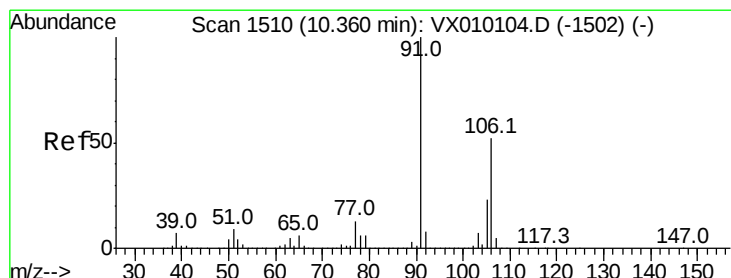
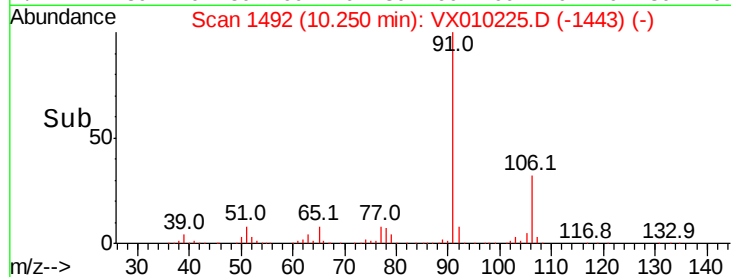
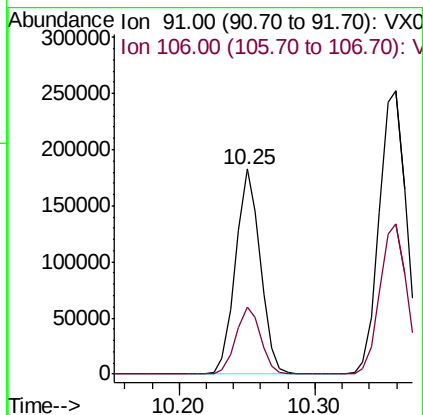
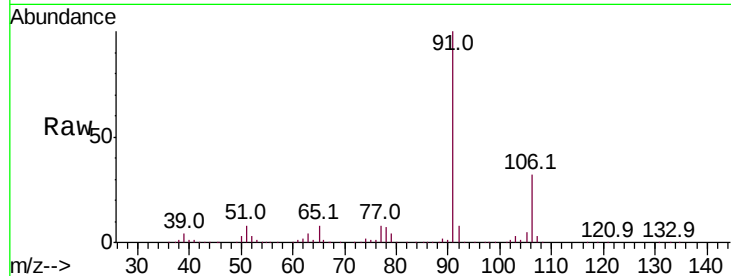
106 32.5 23.9 35.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.589 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010225.D

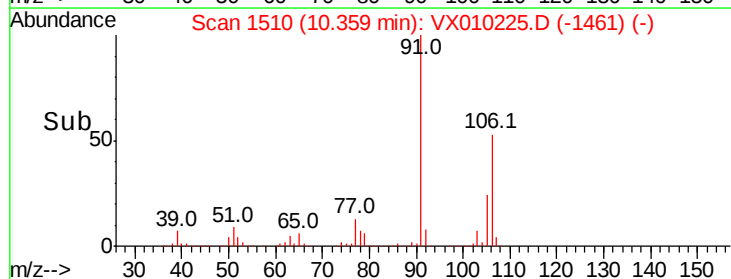
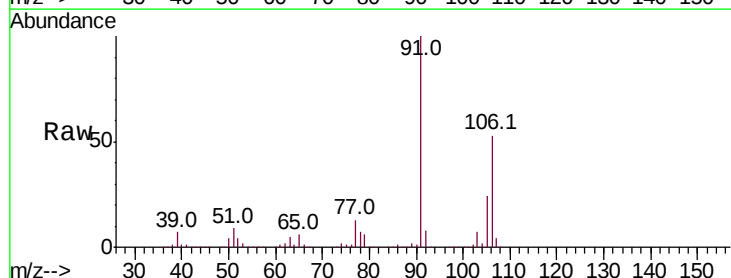
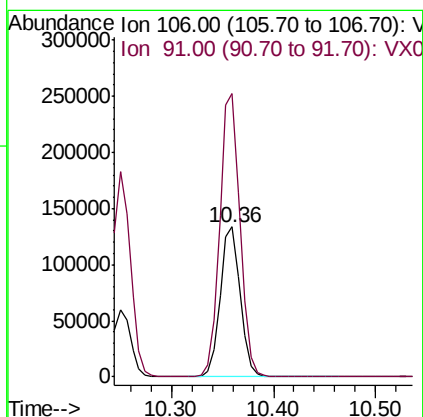
Acq: 11 Jun 2019 12:21

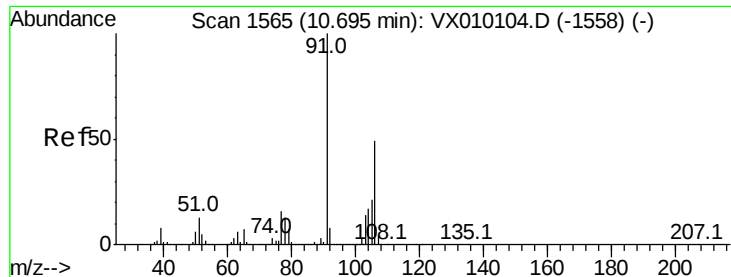
Tgt Ion: 106 Resp: 184025

Ion Ratio Lower Upper

106 100

91 190.9 167.3 250.9





#69

o-Xylene

Concen: 19.418 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion:106 Resp: 89726

Ion Ratio Lower Upper

106 100

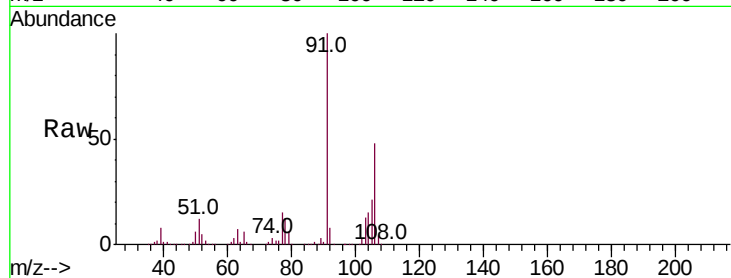
91 203.2 110.4 331.2

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

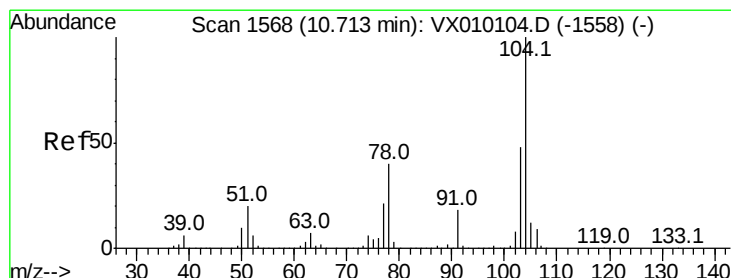
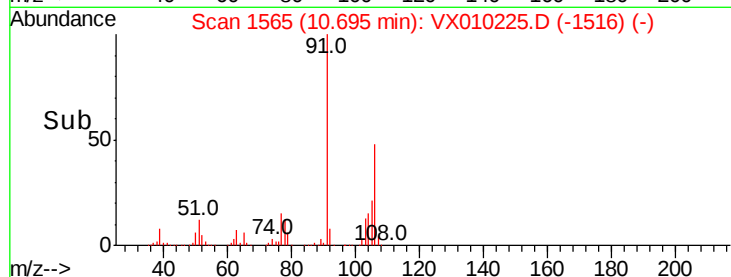
100000

50000

0

10.65 10.70 10.75

Time-->



#70

Styrene

Concen: 19.475 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

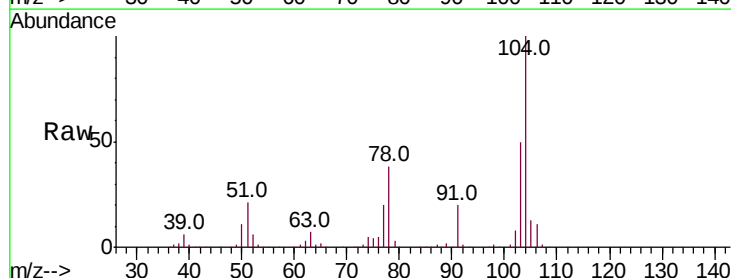
Tgt Ion:104 Resp: 152408

Ion Ratio Lower Upper

104 100

78 44.5 42.1 63.1

103 55.2 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

150000

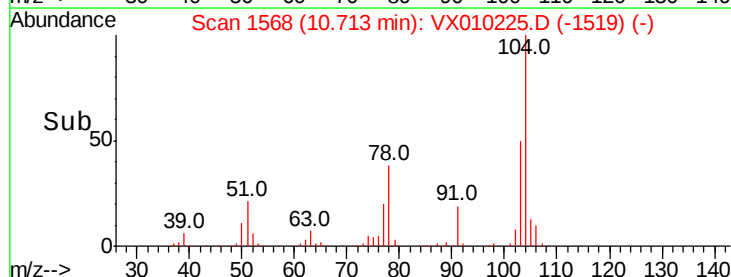
100000

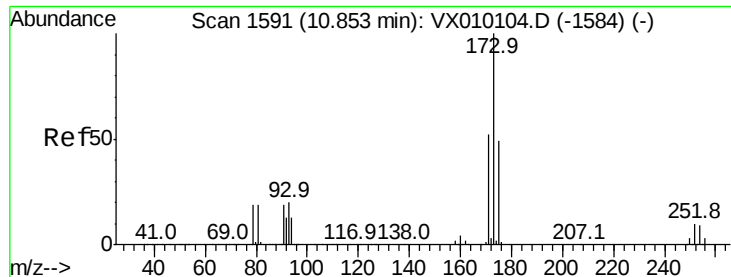
50000

0

10.70 10.71 10.72

Time-->





#71

Bromoform

Concen: 18.365 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion:173 Resp: 45814

Ion Ratio Lower Upper

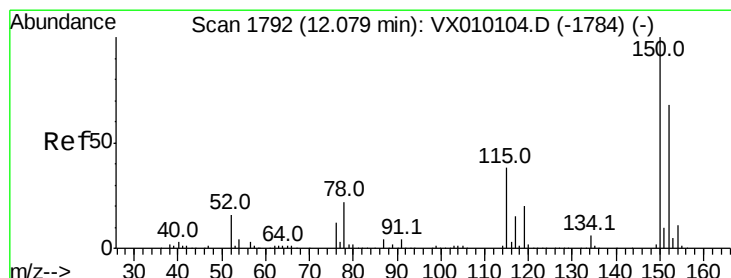
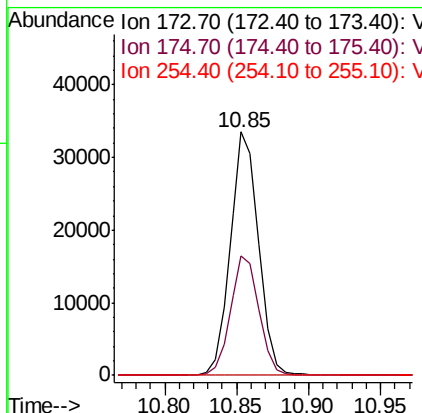
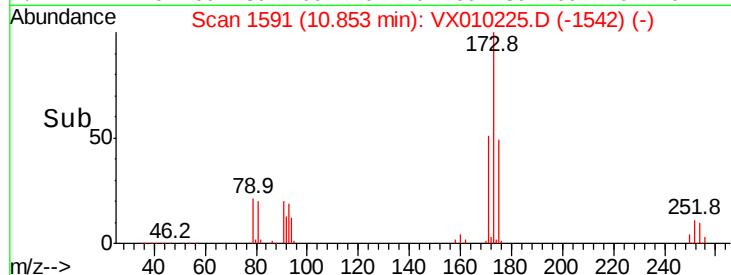
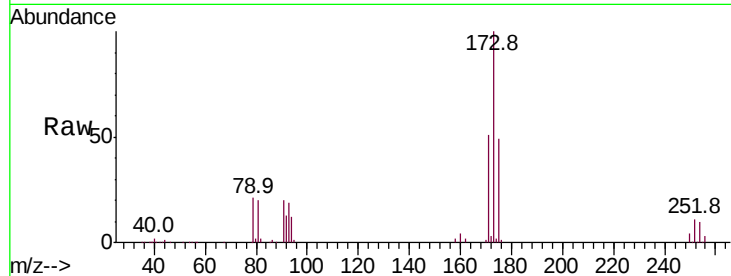
173 100

175 49.4 25.0 75.0

254 0.1 0.2 0.2#

Manual Integrations
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6/12/2019 9:21:42 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

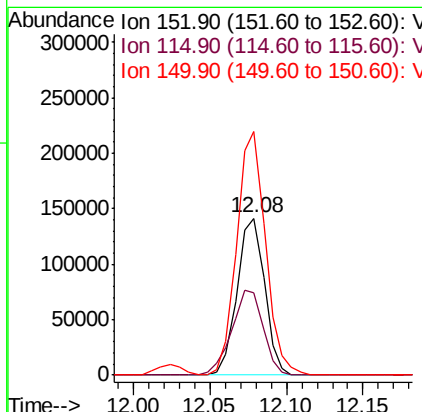
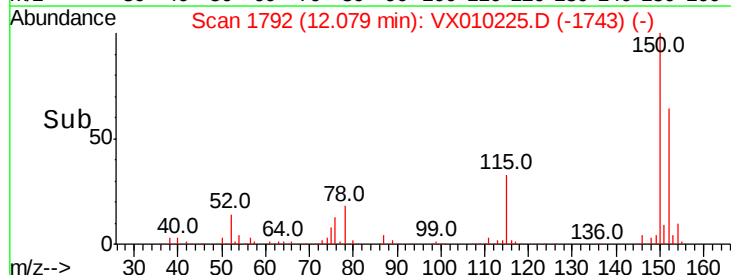
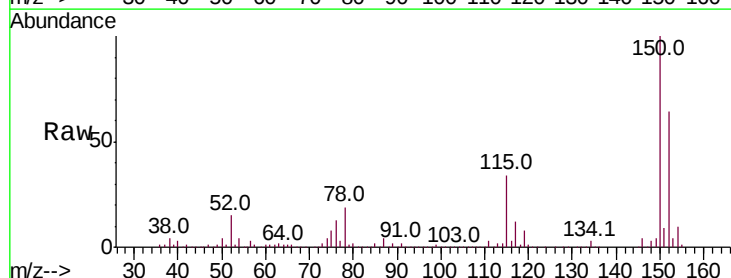
Tgt Ion:152 Resp: 177117

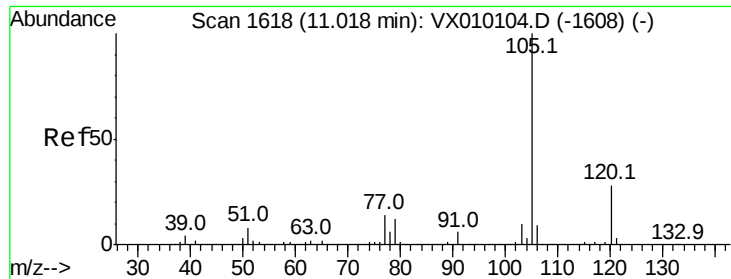
Ion Ratio Lower Upper

152 100

115 61.8 41.4 124.2

150 161.7 0.0 345.2





#73

Isopropylbenzene

Concen: 18.964 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion:105 Resp: 234466

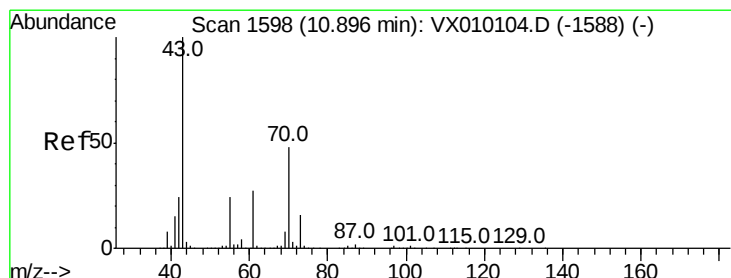
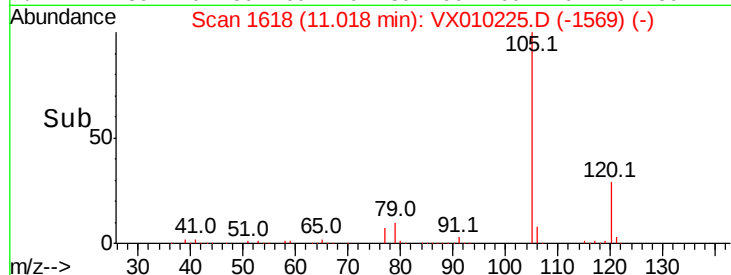
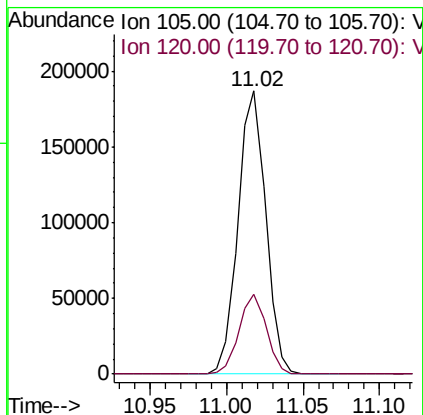
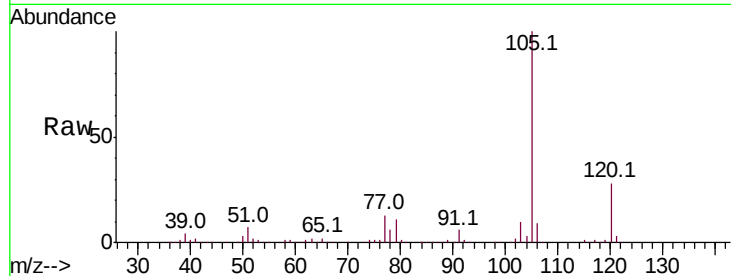
Ion Ratio Lower Upper

105 100

120 27.9 12.8 38.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.827 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion: 43 Resp: 92014

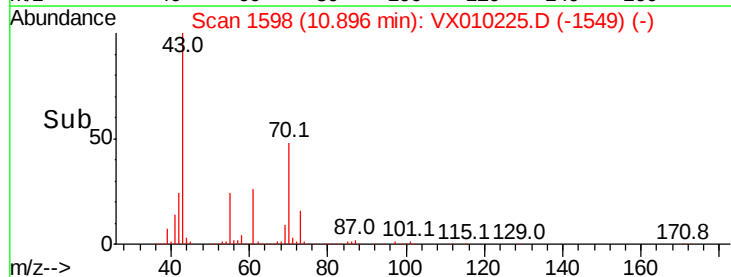
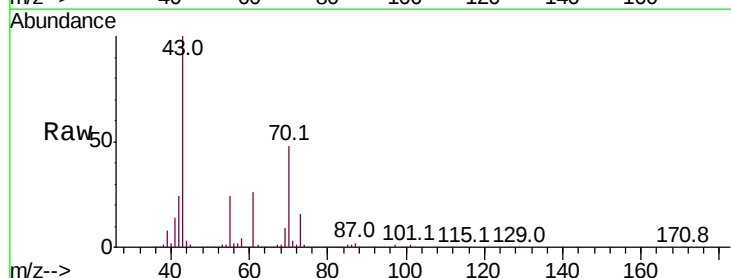
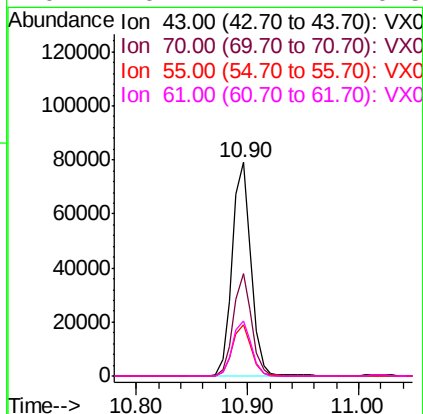
Ion Ratio Lower Upper

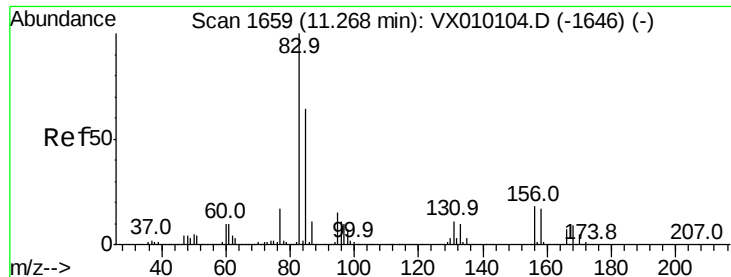
43 100

70 46.9 28.6 43.0#

55 24.4 17.8 26.8

61 26.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.949 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 83 Resp: 80199

Ion Ratio Lower Upper

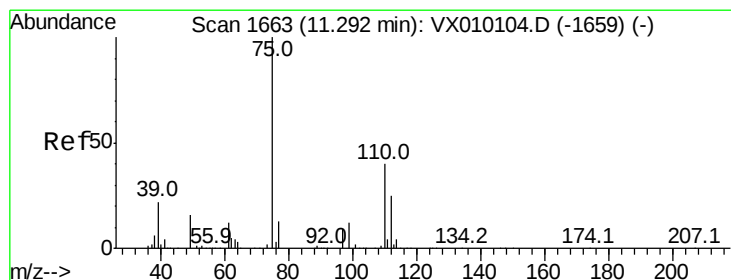
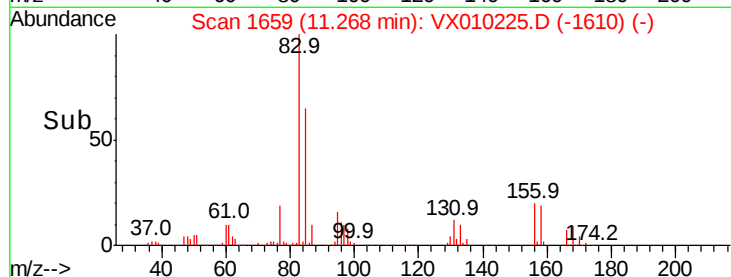
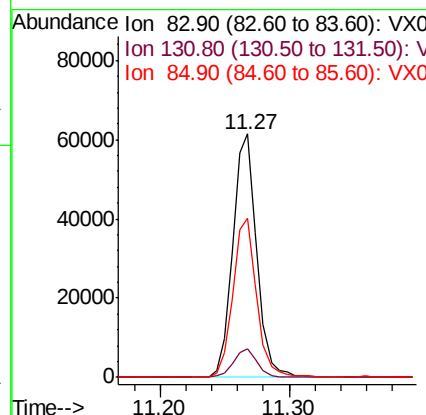
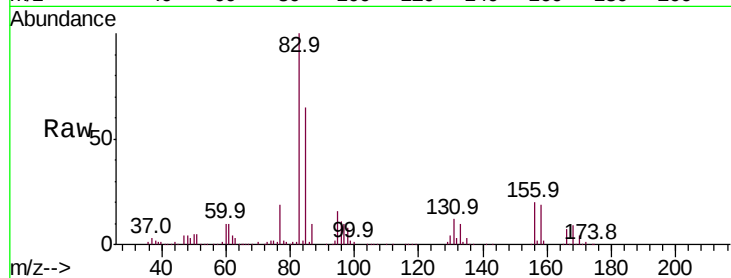
83 100

131 11.6 4.7 14.1

85 64.7 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.436 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010225.D

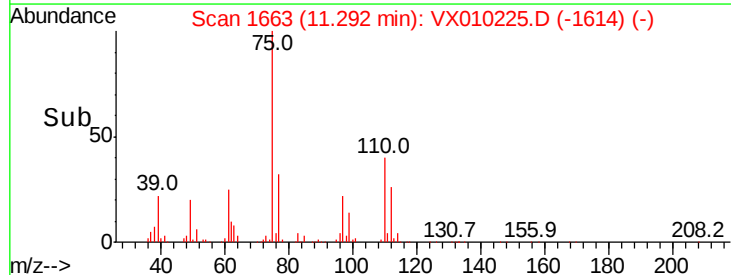
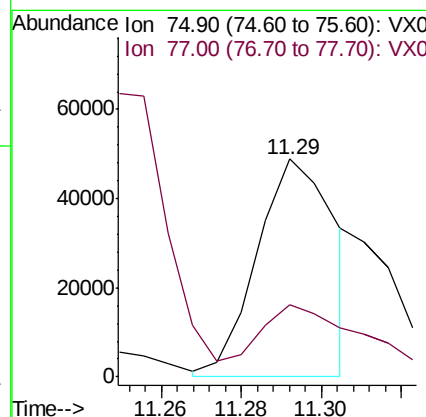
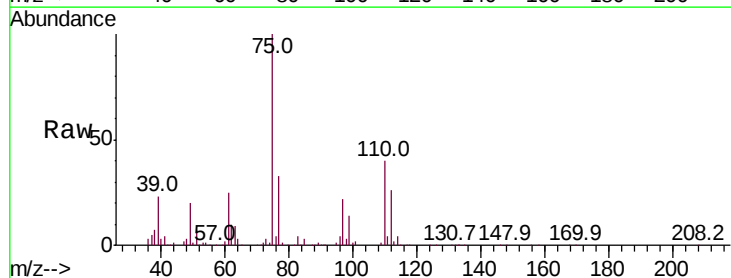
Acq: 11 Jun 2019 12:21

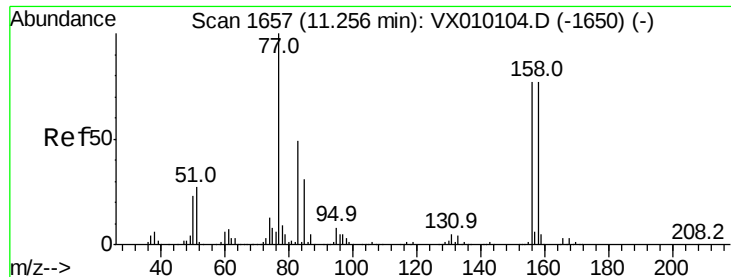
Tgt Ion: 75 Resp: 65313

Ion Ratio Lower Upper

75 100

77 44.9 22.1 66.1





#77

Bromobenzene

Concen: 19.357 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion:156 Resp: 65813

Ion Ratio Lower Upper

156 100

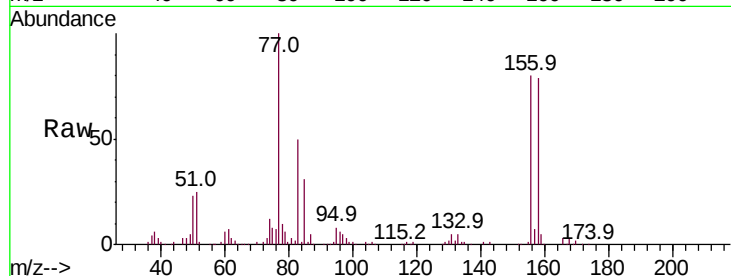
77 129.2 86.8 260.3

158 97.2 49.6 148.8

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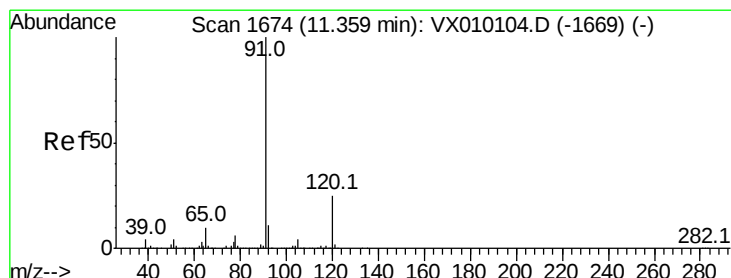
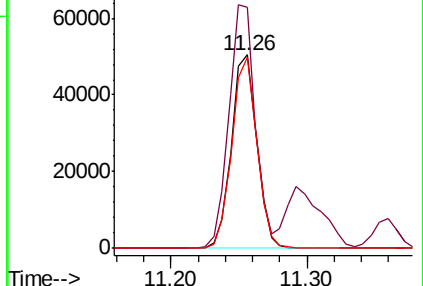
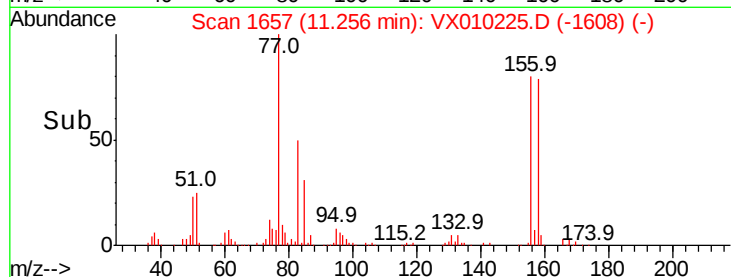
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.565 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010225.D

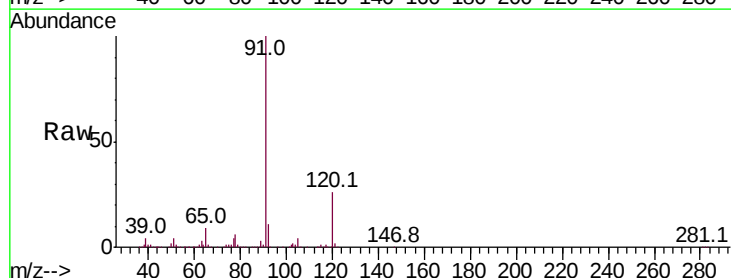
Acq: 11 Jun 2019 12:21

Tgt Ion: 91 Resp: 255543

Ion Ratio Lower Upper

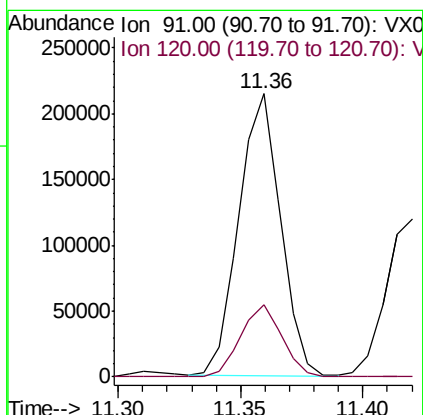
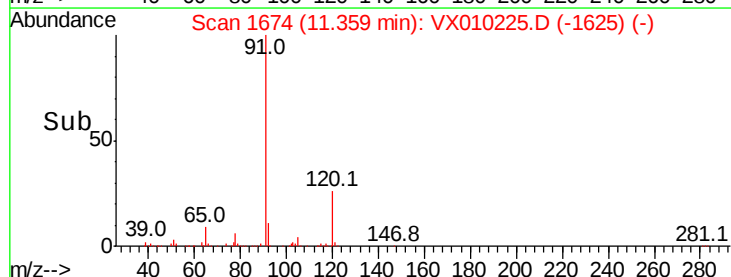
91 100

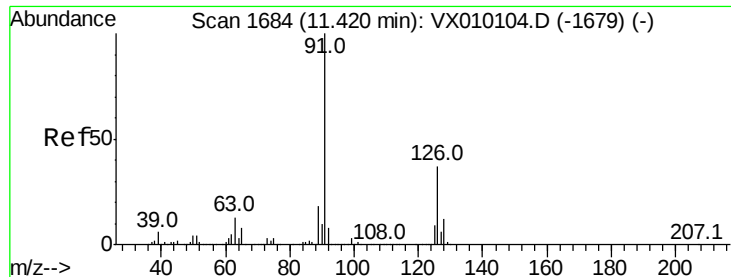
120 25.4 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.428 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion: 91 Resp: 152347

Ion Ratio Lower Upper

91 100

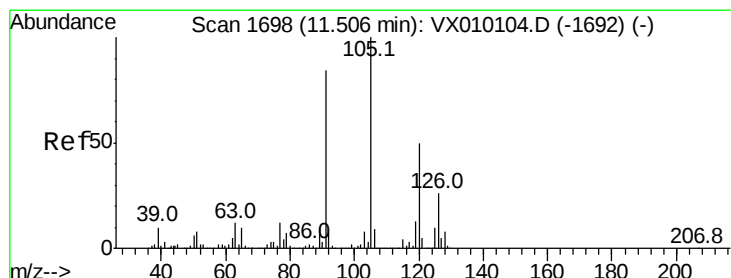
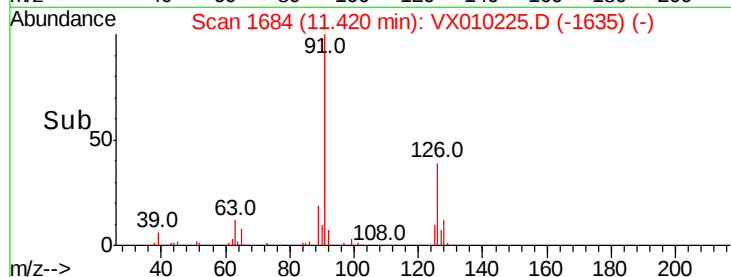
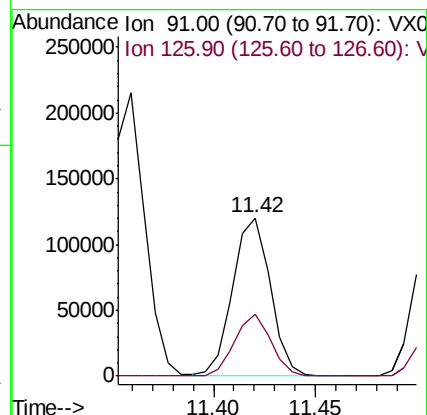
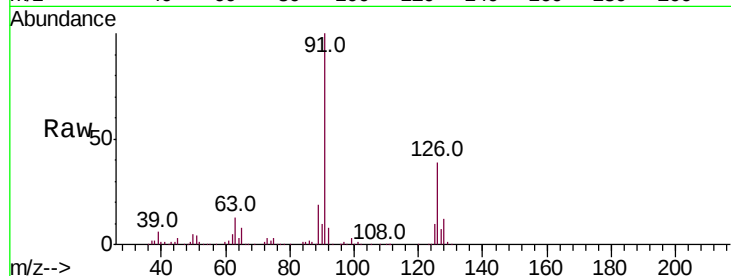
126 38.1 16.1 48.3

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#80

1,3,5-Trimethylbenzene

Concen: 18.785 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010225.D

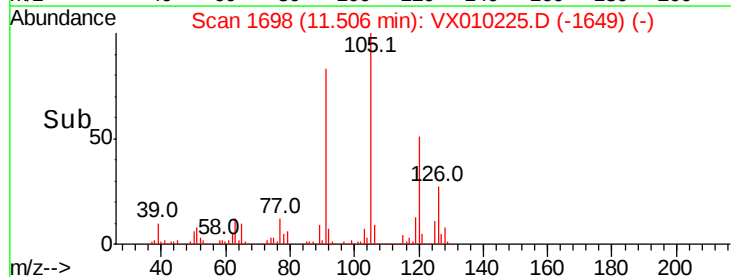
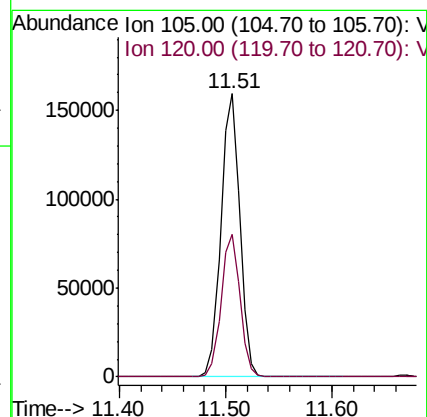
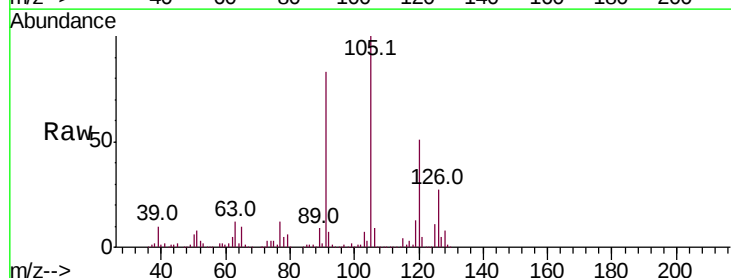
Acq: 11 Jun 2019 12:21

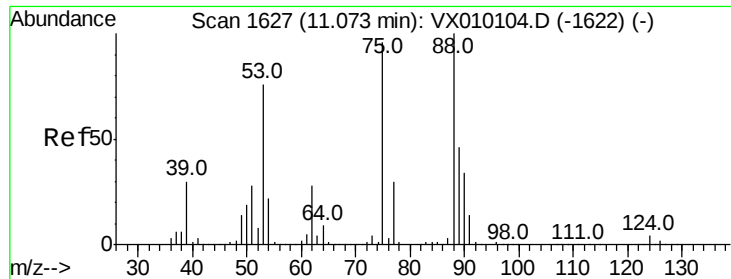
Tgt Ion: 105 Resp: 195617

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3





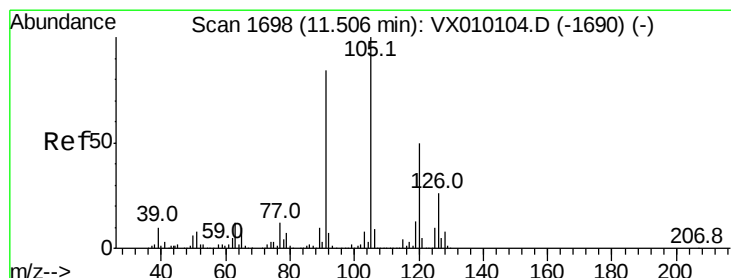
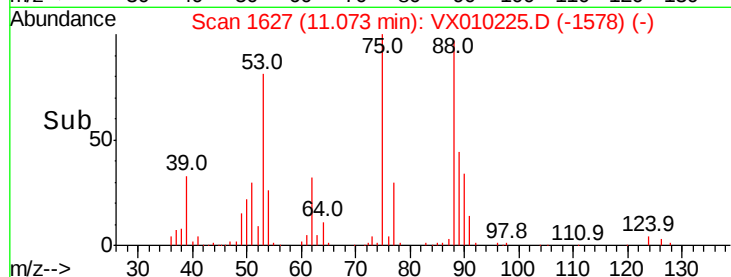
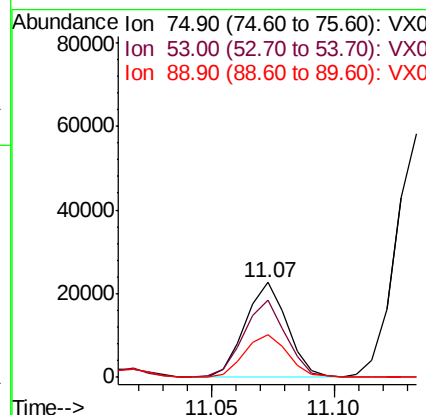
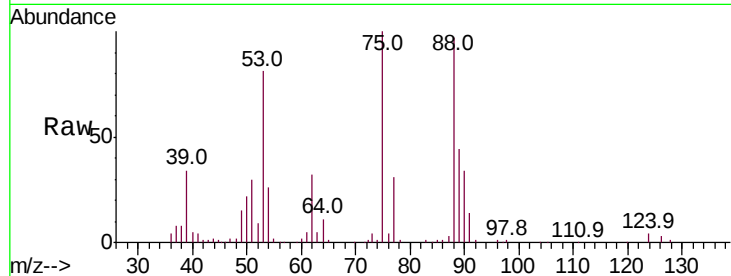
#81
trans-1,4-Dichloro-2-butene
Concen: 17.048 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.0	79.8	119.6
89	46.2	34.2	51.4

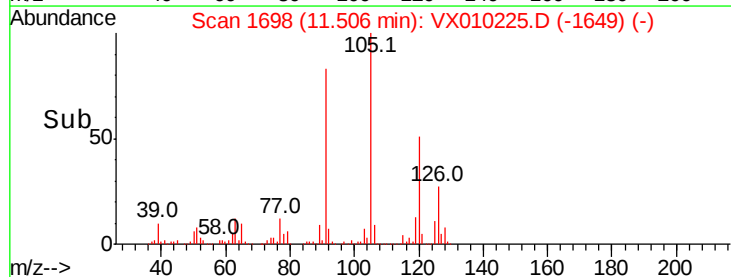
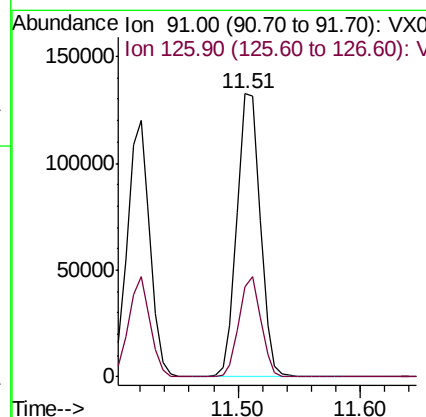
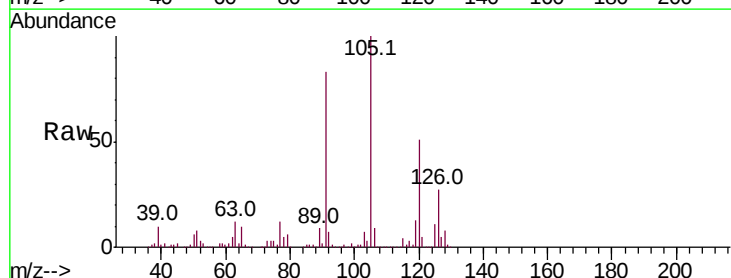
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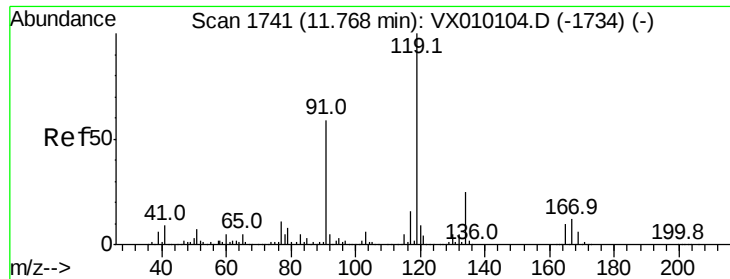
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#82
4-Chlorotoluene
Concen: 18.516 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	14.2	42.6





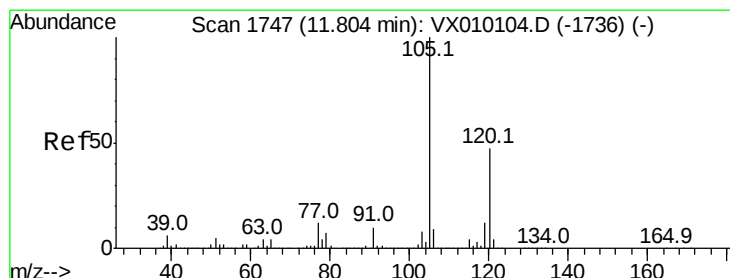
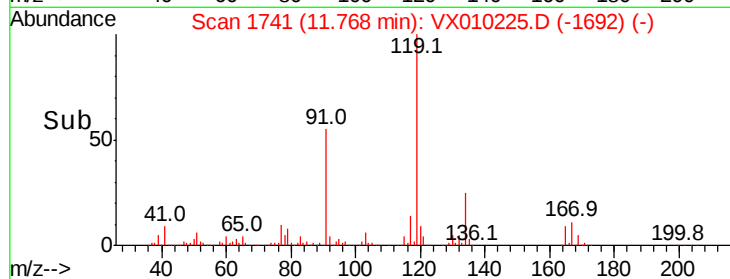
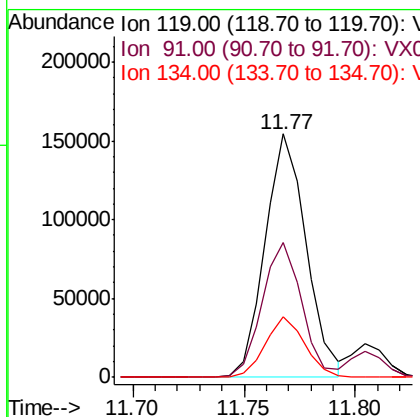
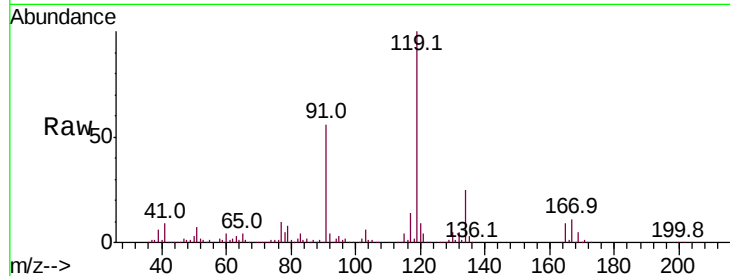
#83
 tert-Butylbenzene
 Concen: 18.822 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	198384		
91	53.6	30.0	90.0	
134	23.8	11.2	33.5	

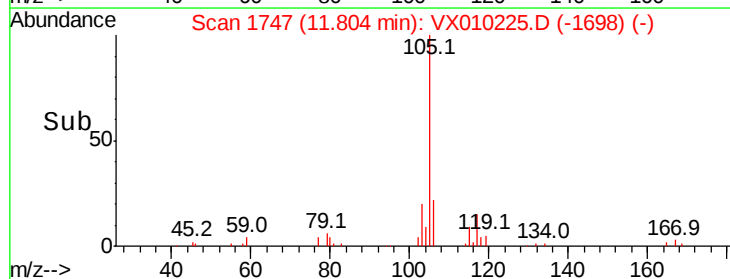
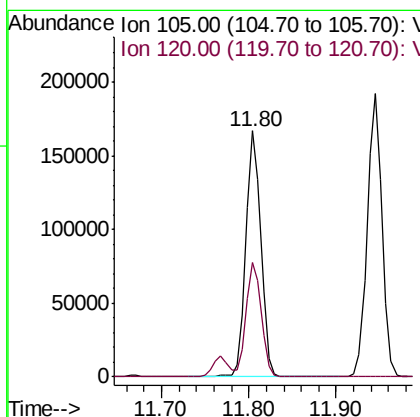
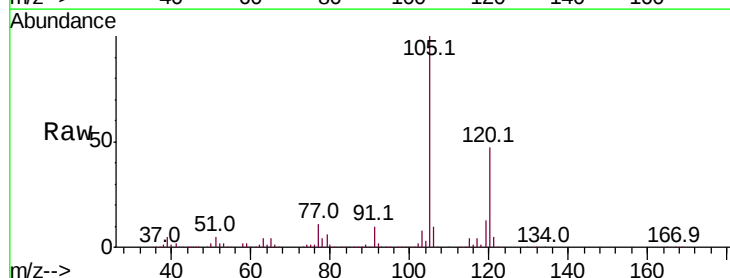
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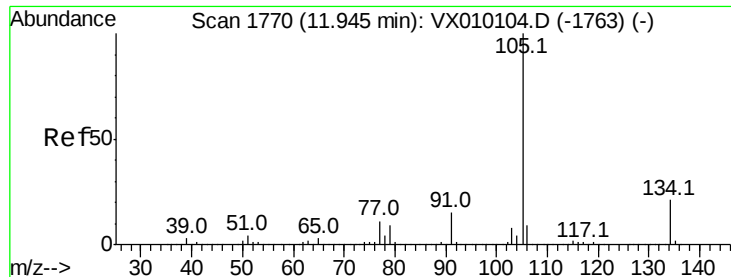
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.897 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198779		
120	47.1	22.1	66.1	





#85

sec-Butylbenzene

Concen: 18.598 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tot Ion:105 Resp: 228379

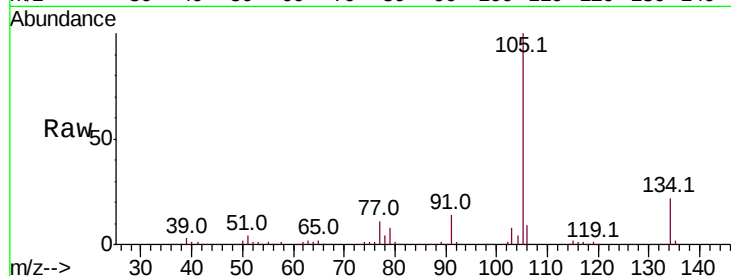
Ion Ratio Lower Upper

105 100

134 21.5 9.7 28.9

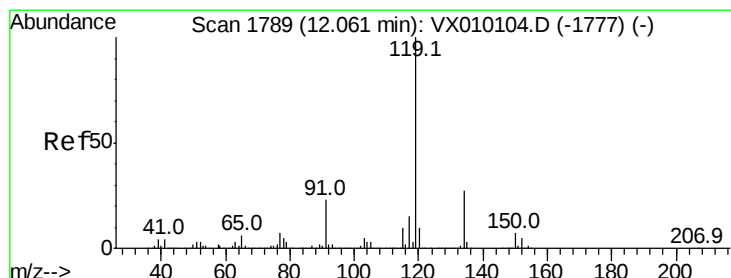
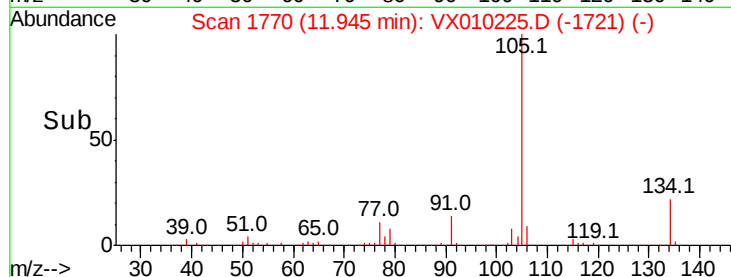
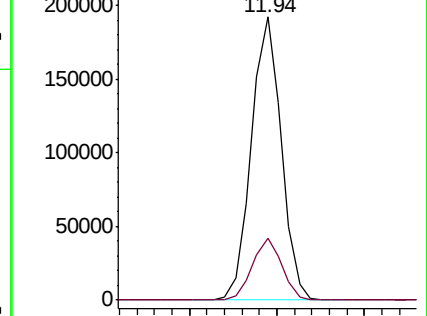
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.766 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

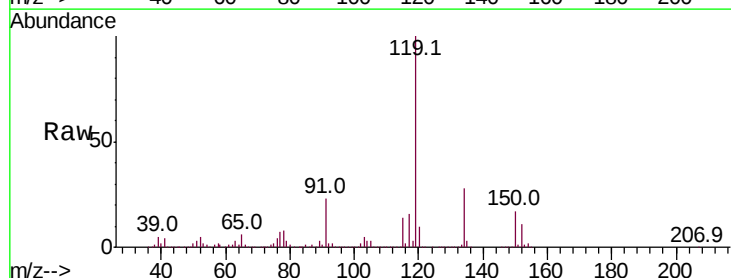
Tgt Ion:119 Resp: 210660

Ion Ratio Lower Upper

119 100

134 27.9 12.9 38.6

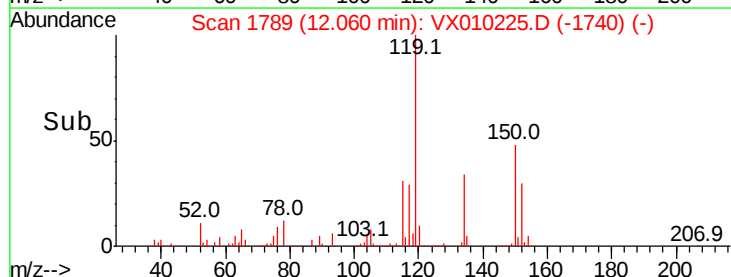
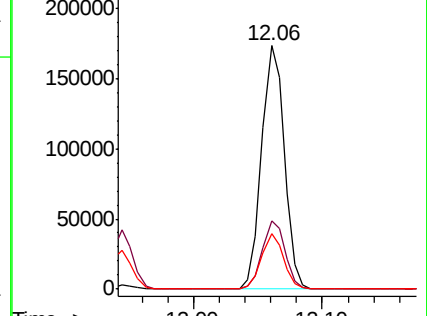
91 22.1 11.9 35.9

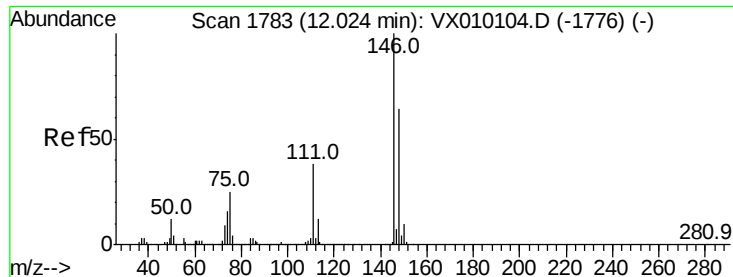


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





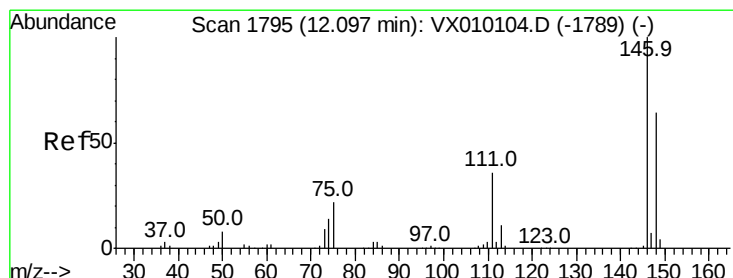
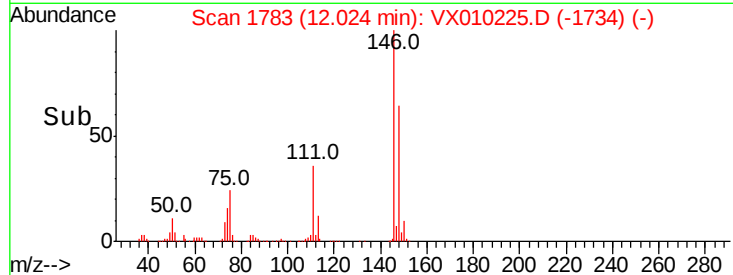
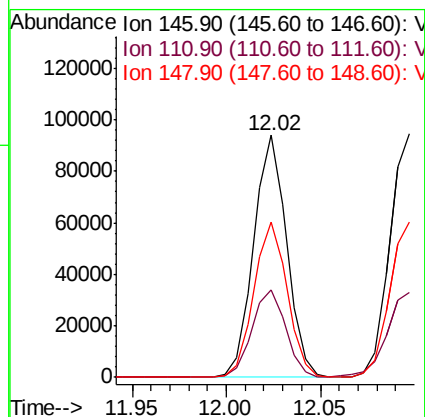
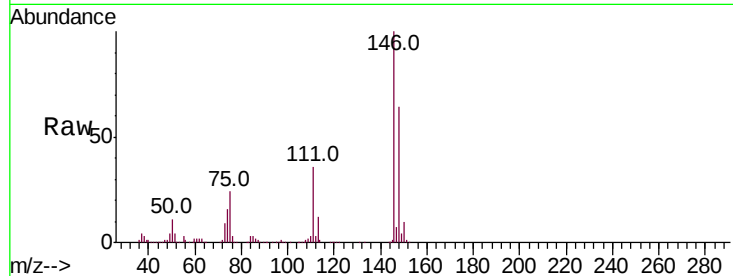
#87
1,3-Dichlorobenzene
Concen: 19.058 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.1	60.2
148	64.6	31.9	95.5

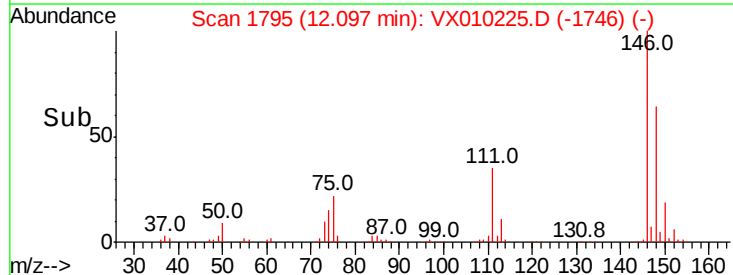
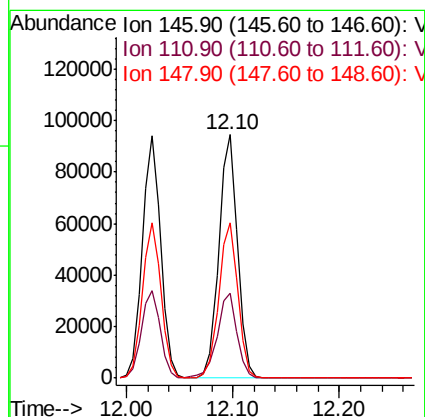
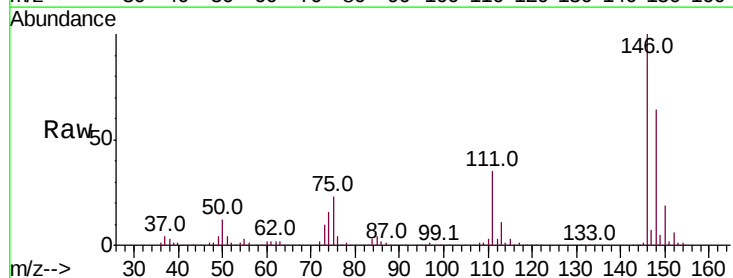
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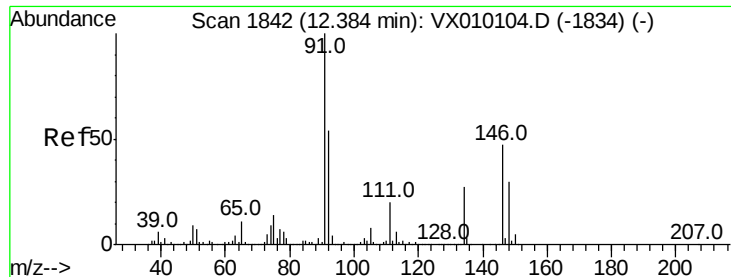
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#88
1,4-Dichlorobenzene
Concen: 19.009 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.0	59.9
148	64.8	32.3	96.9





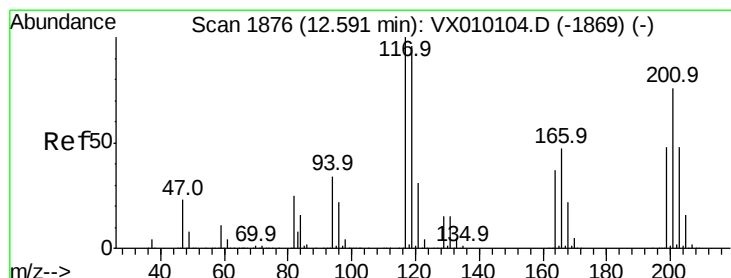
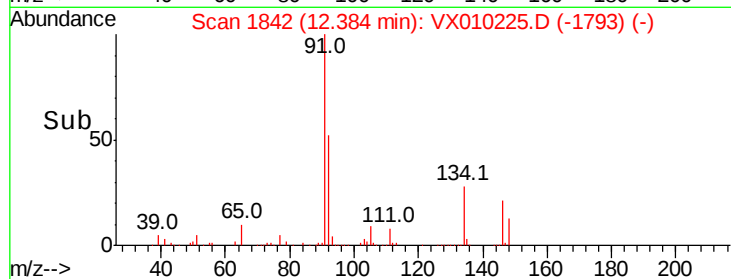
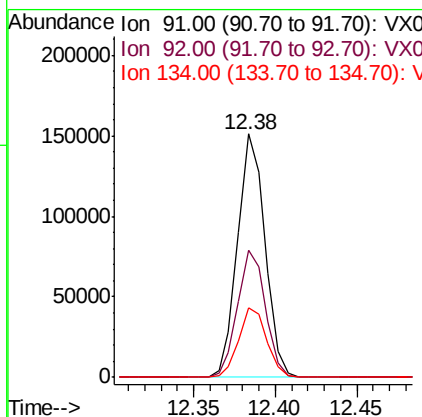
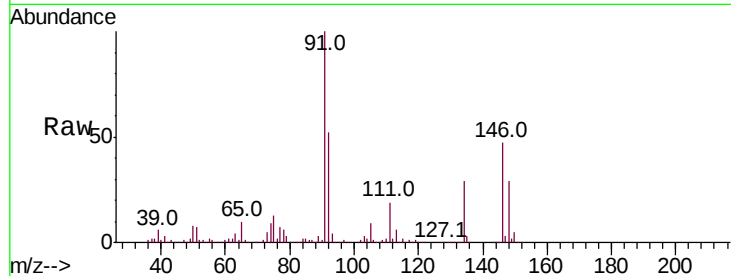
#89
n-Butylbenzene
Concen: 18.459 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.3	78.8
134	29.0	12.3	36.8

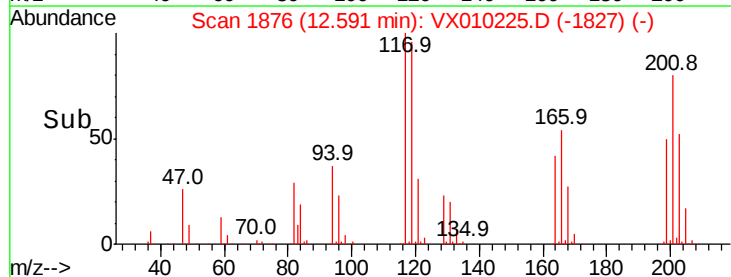
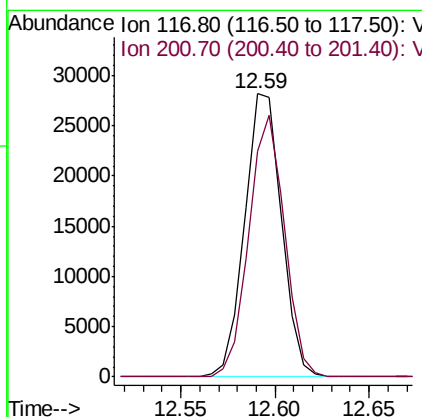
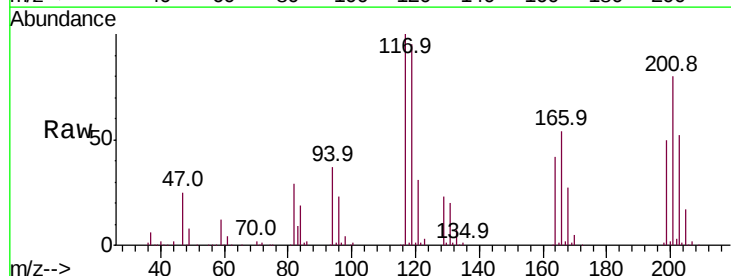
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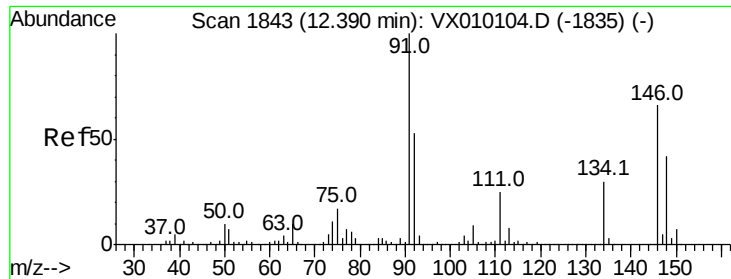
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#90
Hexachloroethane
Concen: 17.135 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010225.D
Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	43.6	130.9





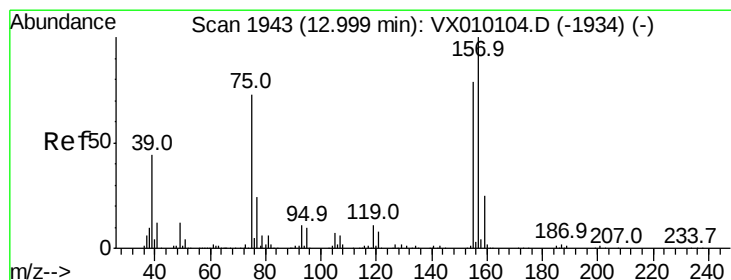
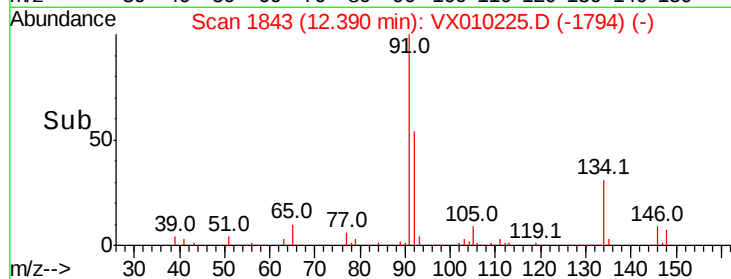
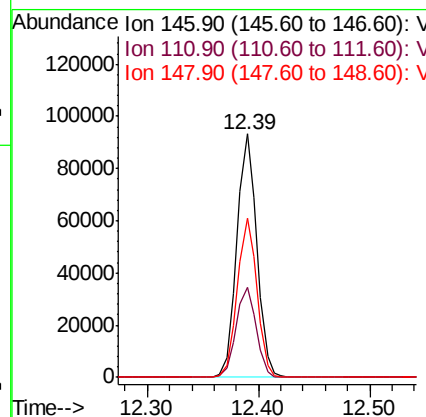
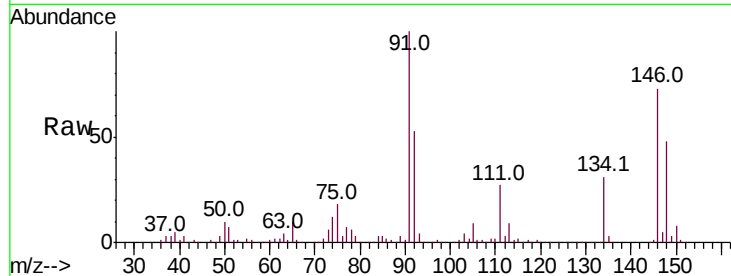
#91
 1,2-Dichlorobenzene
 Concen: 19.843 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	21.1	63.1
148	64.3	32.3	96.8

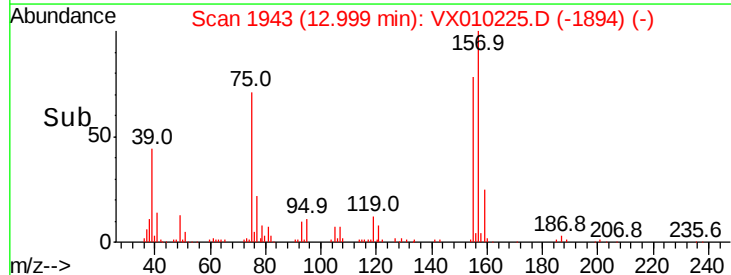
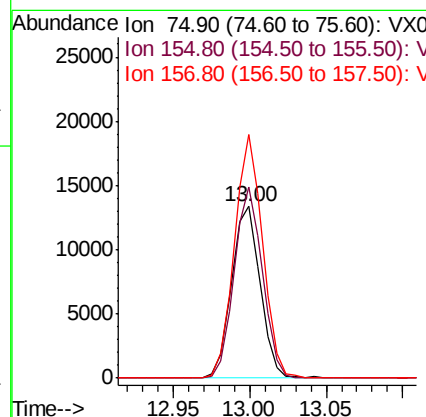
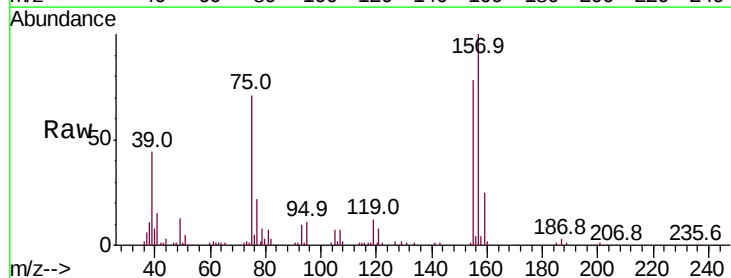
Manual Integrations
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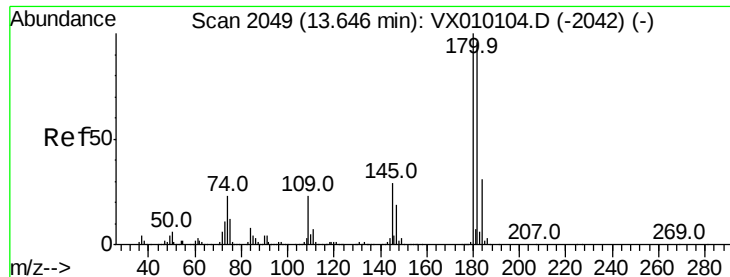
MMDadoda
 6/12/2019 9:21:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.355 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.0	39.3	117.8
157	139.0	50.6	151.8





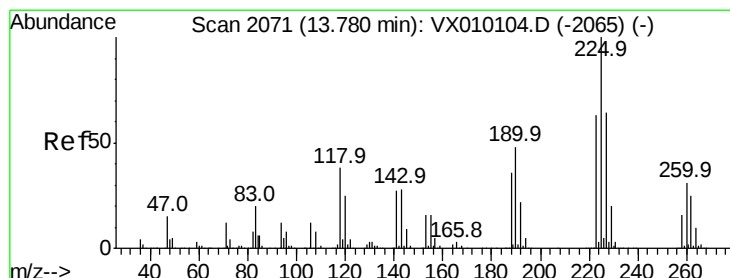
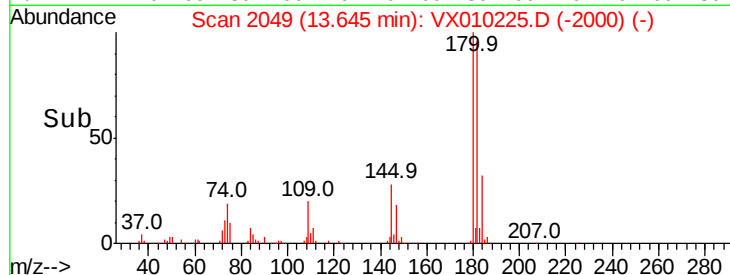
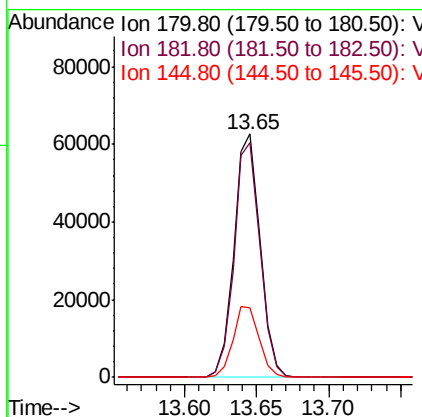
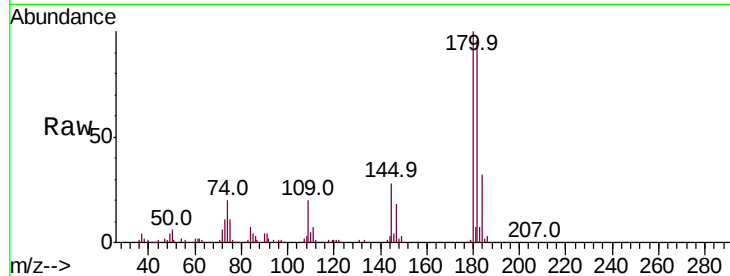
#93
 1,2,4-Trichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.4	142.2	
145	29.5	14.5	43.5	

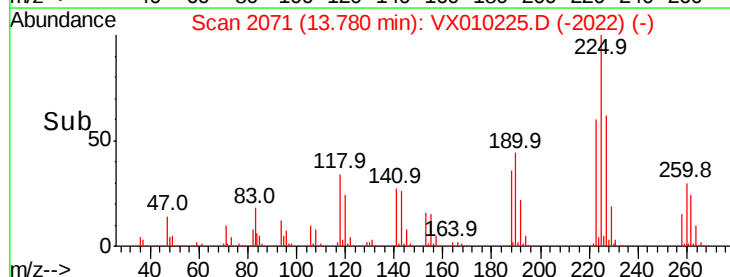
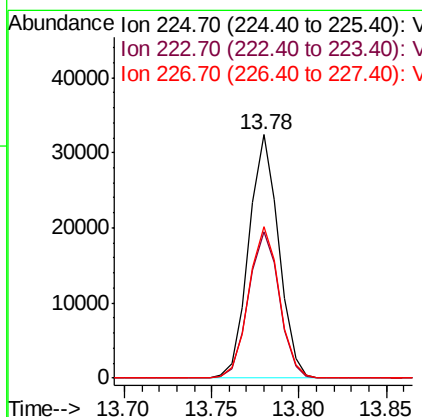
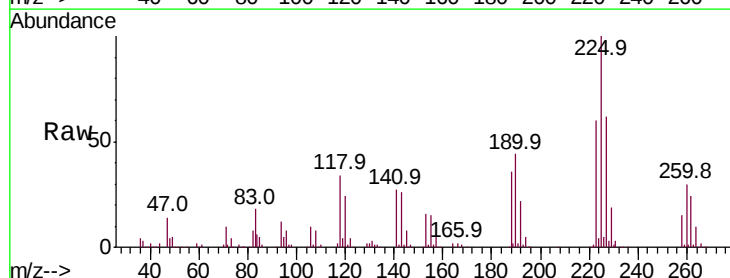
Manual Integrations
 APPROVED

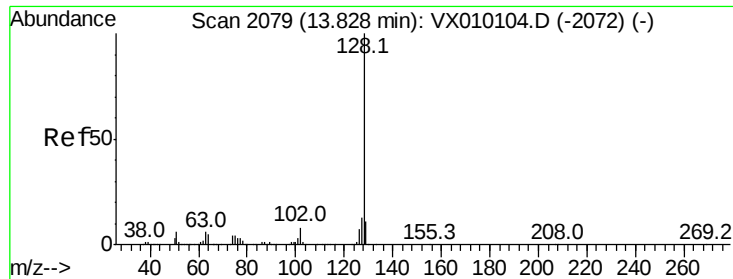
MMDadoda
 6/12/2019 9:21:42 AM



#94
 Hexachlorobutadiene
 Concen: 20.276 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010225.D
 Acq: 11 Jun 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.3	93.8	
227	63.5	32.3	96.8	





#95

Naphthalene

Concen: 18.699 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Instrument :

MSVOA_X

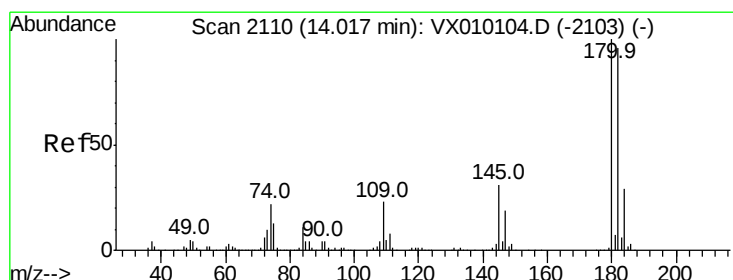
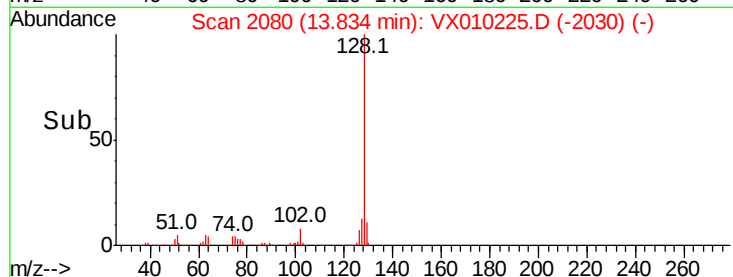
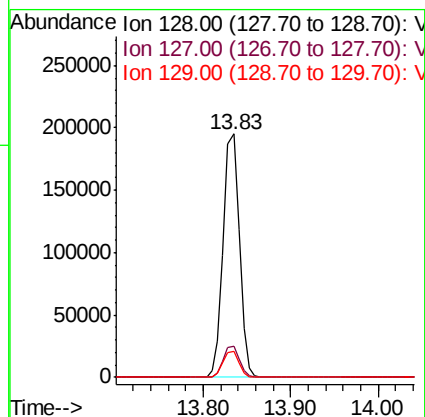
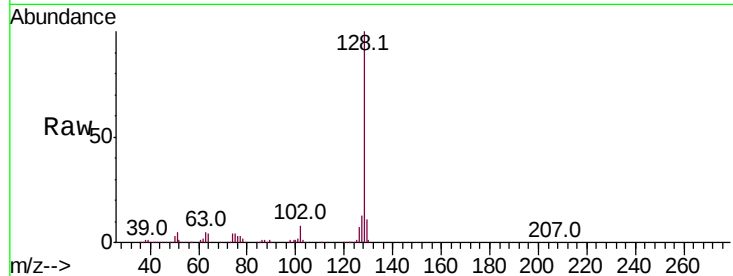
ClientSampleId :

VX0612WBSD01

Tot Ion:	128	Resp:	250867
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.7	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.076 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010225.D

Acq: 11 Jun 2019 12:21

Tgt Ion:	180	Resp:	80386
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.3	142.0
145	30.3	15.6	46.7

