

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008190.D
 Acq On : 19 Mar 2019 14:46
 Operator : JC/SP
 Sample : VX0319WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:28:38 AM

Quant Time: Mar 20 07:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	349713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	563844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	249990	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.50	113	187363	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	744257	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.13	95	266332	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	94106	22.195	ug/l	100
3) Chloromethane	1.33	50	109778	20.634	ug/l	98
4) Vinyl Chloride	1.41	62	110177	20.771	ug/l	99
5) Bromomethane	1.64	94	82984	18.365	ug/l	99
6) Chloroethane	1.73	64	67101	20.175	ug/l	100
7) Trichlorofluoromethane	1.93	101	134456	19.862	ug/l	94
8) Diethyl Ether	2.19	74	76795	22.049	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97681	21.733	ug/l	90
10) Methyl Iodide	2.51	142	122782	21.455	ug/l	97
11) Tert butyl alcohol	3.04	59	123617	109.635	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92528	21.806	ug/l	91
13) Acrolein	2.29	56	73647	85.906	ug/l	100
14) Allyl chloride	2.73	41	200894	21.749	ug/l	92
15) Acrylonitrile	3.14	53	318040	106.641	ug/l	98
16) Acetone	2.44	43	317093	106.149	ug/l	96
17) Carbon Disulfide	2.57	76	287649	21.163	ug/l	98
18) Methyl Acetate	2.78	43	152769	22.090	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	337572	22.003	ug/l	99
20) Methylene Chloride	2.86	84	106578	21.396	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	97821	21.340	ug/l	91
22) Diisopropyl ether	3.85	45	399971	22.109	ug/l	# 84
23) Vinyl Acetate	3.81	43	1733321	111.754	ug/l	98
24) 1,1-Dichloroethane	3.70	63	202197	21.731	ug/l	99
25) 2-Butanone	4.67	43	485221	110.038	ug/l	96
26) 2,2-Dichloropropane	4.58	77	151638	21.634	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	111977	21.428	ug/l	91
28) Bromochloromethane	5.02	49	79442	19.014	ug/l	82
29) Tetrahydrofuran	5.13	42	304353	110.410	ug/l	97
30) Chloroform	5.21	83	189894	21.818	ug/l	97
31) Cyclohexane	5.58	56	195247	22.347	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	156945	21.677	ug/l	96
36) 1,1-Dichloropropene	5.80	75	145950	22.233	ug/l	97
37) Ethyl Acetate	4.83	43	178414	22.991	ug/l	99
38) Carbon Tetrachloride	5.79	117	132165	22.596	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180800	22.887	ug/l	93
40) Benzene	6.14	78	439424	22.616	ug/l	98
41) Methacrylonitrile	5.04	41	101106	23.228	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158841	22.316	ug/l	96
43) Isopropyl Acetate	6.45	43	285134	22.923	ug/l	97
44) Trichloroethene	7.21	130	105753	22.260	ug/l	94
45) 1,2-Dichloropropane	7.51	63	122586	22.538	ug/l	99
46) Dibromomethane	7.66	93	71987	21.859	ug/l #	87
47) Bromodichloromethane	7.90	83	140908	22.451	ug/l	99
48) Methyl methacrylate	7.77	41	150861	22.810	ug/l	93
49) 1,4-Dioxane	7.74	88	52454	449.437	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	942520	117.208	ug/l	97
52) Toluene	8.78	92	264090	22.910	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	159680	21.160	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	176186	22.619	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	107237	23.026	ug/l	98
56) Ethyl methacrylate	9.18	69	180080	22.338	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	188191	22.842	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	390479	102.330	ug/l	94
59) 2-Hexanone	9.49	43	731070	118.088	ug/l	96
60) Dibromochloromethane	9.58	129	102807	22.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111321	22.891	ug/l	99
64) Tetrachloroethene	9.34	164	102965	22.386	ug/l	97
65) Chlorobenzene	10.13	112	279540	22.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97146	22.211	ug/l	98
67) Ethyl Benzene	10.25	91	505078	22.848	ug/l	98
68) m/p-Xylenes	10.35	106	371869	45.795	ug/l	93
69) o-Xylene	10.69	106	179740	22.779	ug/l	93
70) Styrene	10.71	104	295049	23.009	ug/l	96
71) Bromoform	10.85	173	74535	21.110	ug/l #	100
73) Isopropylbenzene	11.02	105	493229	22.987	ug/l	98
74) N-amyl acetate	10.90	43	253882	22.583	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168699	21.926	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	147635m	21.805	ug/l	
77) Bromobenzene	11.26	156	114217	22.016	ug/l	84
78) n-propylbenzene	11.36	91	577777	23.184	ug/l	95
79) 2-Chlorotoluene	11.42	91	340868	22.788	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	408018	23.017	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	51919	20.424	ug/l	91
82) 4-Chlorotoluene	11.51	91	389835	22.396	ug/l	95
83) tert-Butylbenzene	11.77	119	385192	22.759	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	412452	22.950	ug/l	97
85) sec-Butylbenzene	11.94	105	491372	23.444	ug/l	96
86) p-Isopropyltoluene	12.06	119	426848	23.528	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	208736	22.513	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	209404	21.835	ug/l	97
89) n-Butylbenzene	12.38	91	387661	22.766	ug/l	96
90) Hexachloroethane	12.60	117	69059	22.351	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	207516	22.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36575	21.402	ug/l	78

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VX0319WBSD01

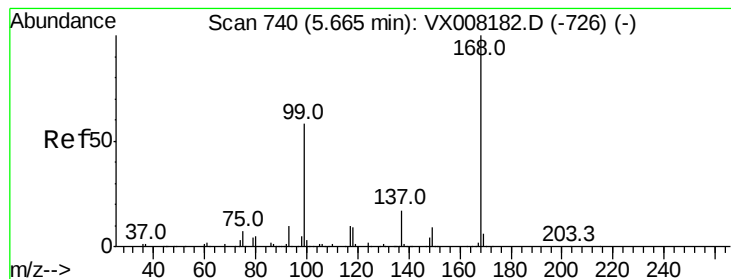
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138116	22.430	ug/l	98
94) Hexachlorobutadiene	13.78	225	69729	23.218	ug/l	99
95) Naphthalene	13.83	128	441917	22.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135314	22.333	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleID :

VX0319WBSD01

Tot Ion:168 Resp: 349713

Ion Ratio Lower Upper

168 100

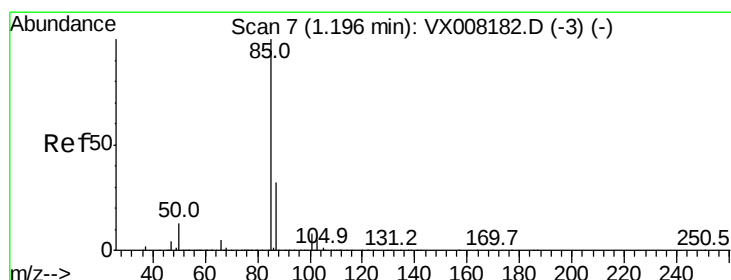
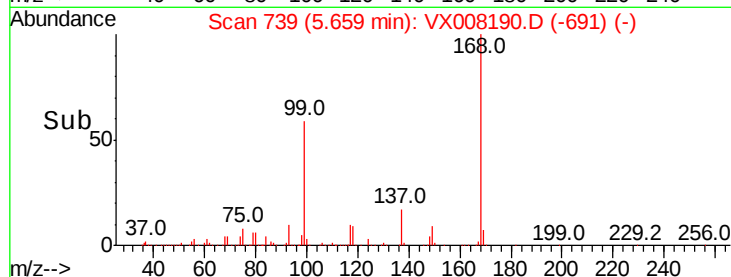
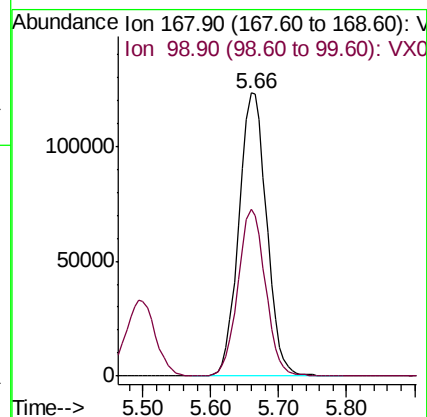
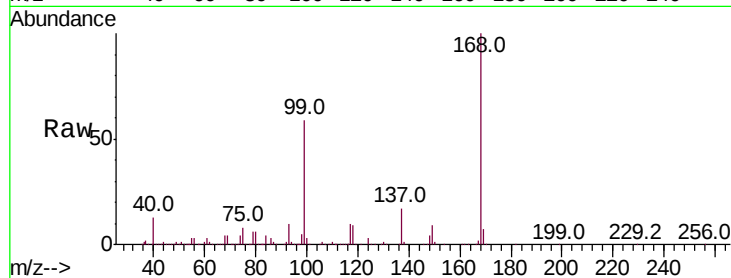
99 58.9 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 22.195 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008190.D

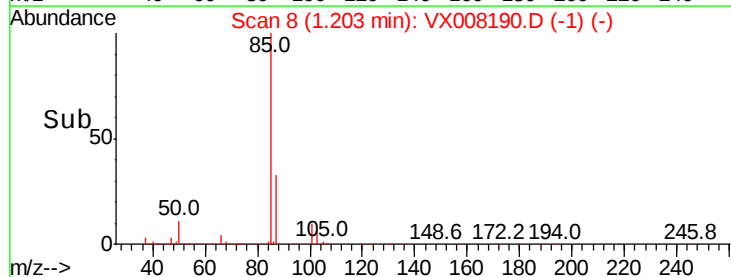
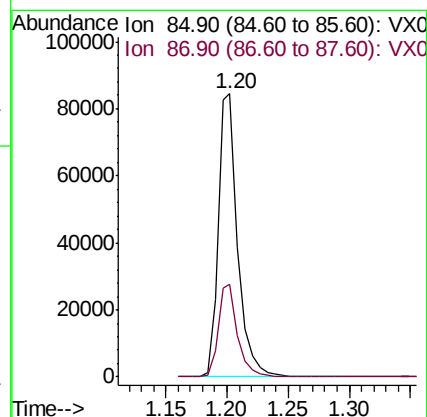
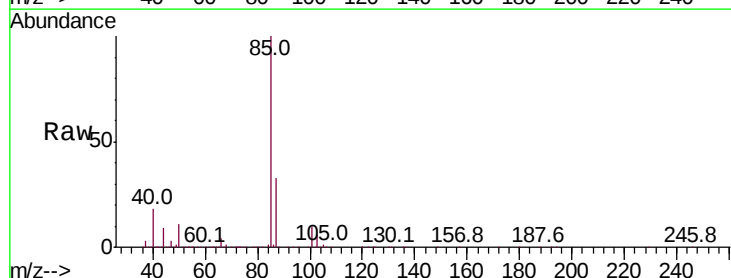
Acq: 19 Mar 2019 14:46

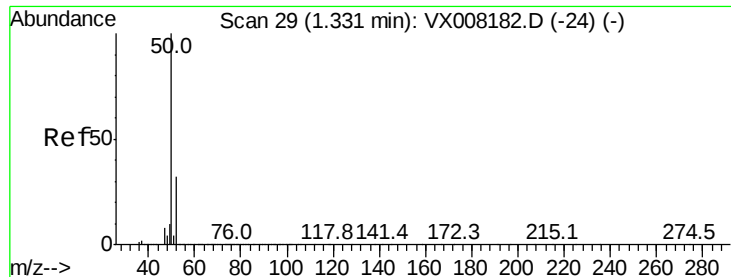
Tgt Ion: 85 Resp: 94106

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1





#3

Chloromethane

Concen: 20.634 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 50 Resp: 109778

Ion Ratio Lower Upper

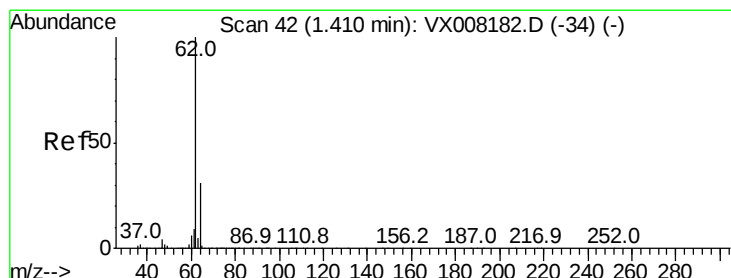
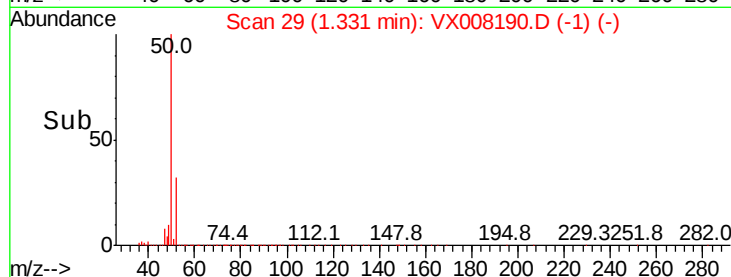
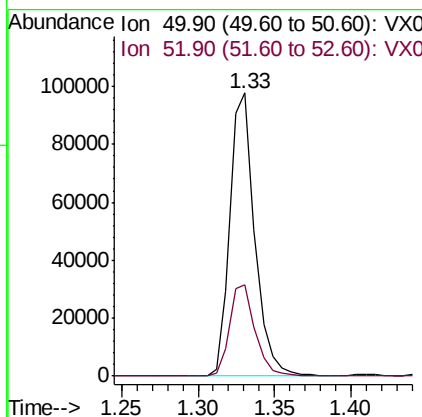
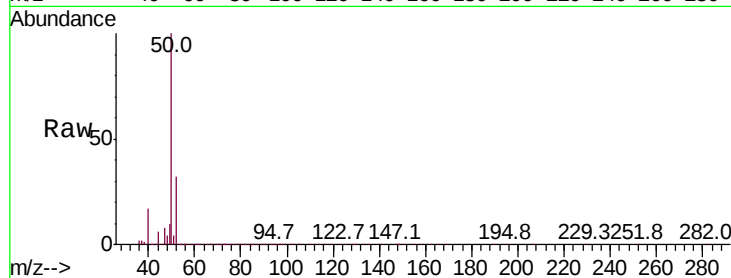
50 100

52 32.1 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.771 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008190.D

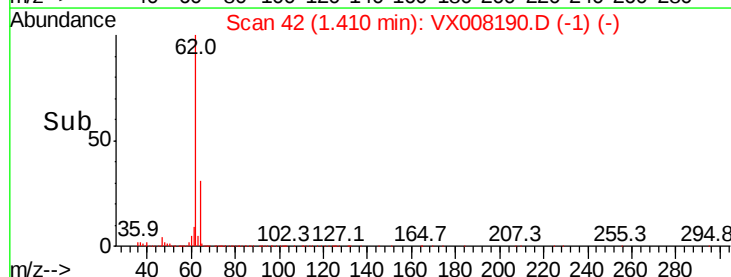
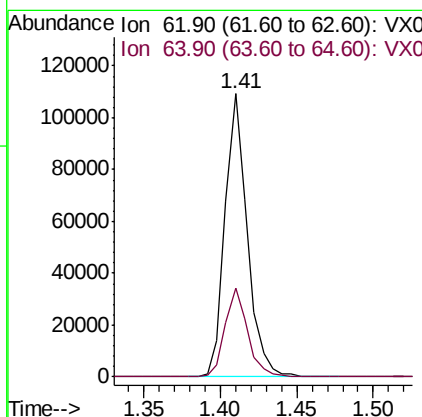
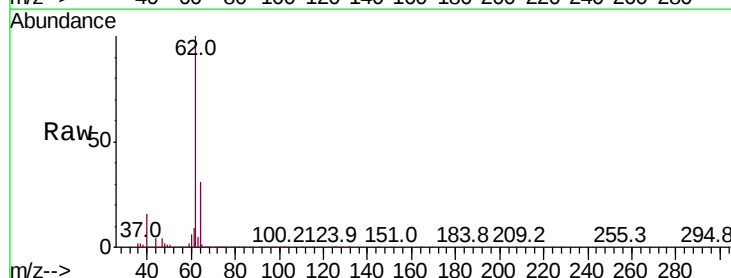
Acq: 19 Mar 2019 14:46

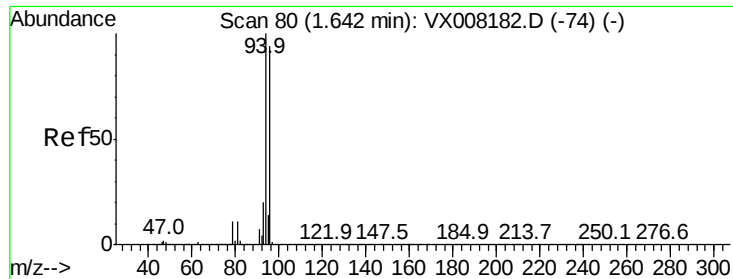
Tgt Ion: 62 Resp: 110177

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 18.365 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 94 Resp: 82984

Ion Ratio Lower Upper

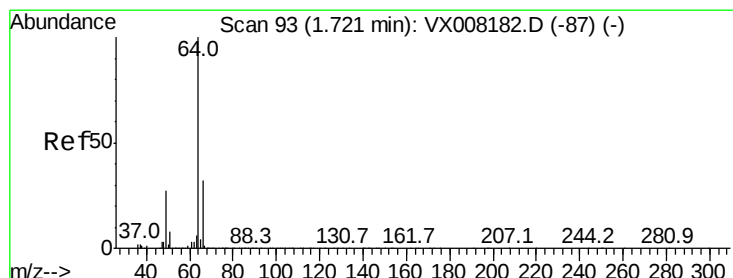
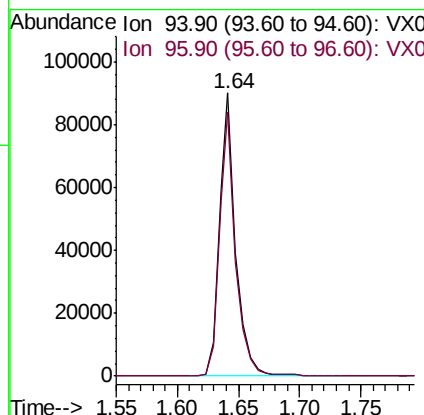
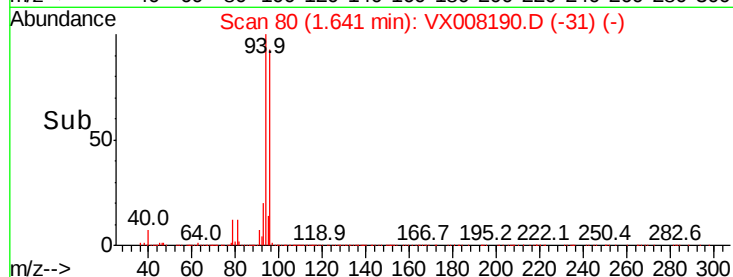
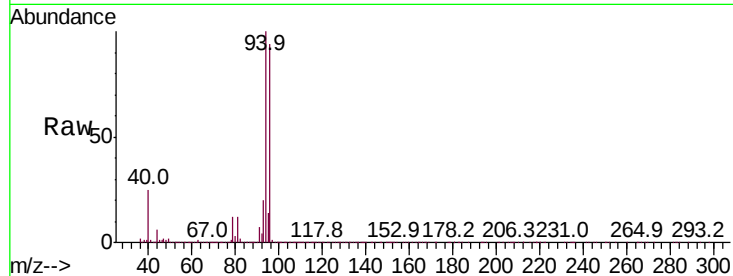
94 100

96 93.6 75.5 113.3

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#6

Chloroethane

Concen: 20.175 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008190.D

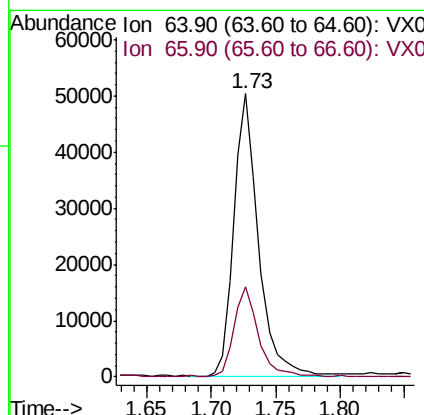
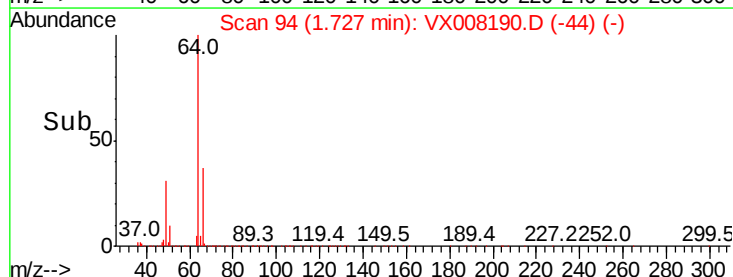
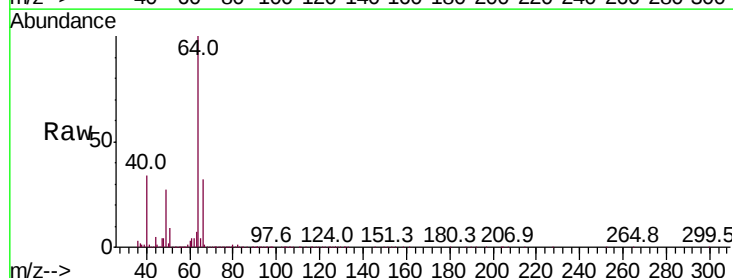
Acq: 19 Mar 2019 14:46

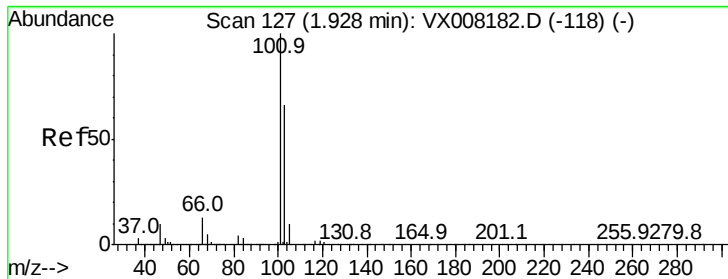
Tgt Ion: 64 Resp: 67101

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8





#7

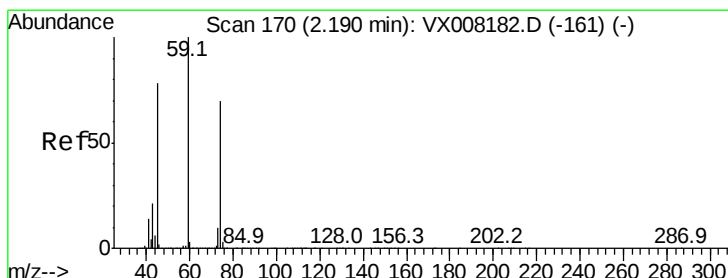
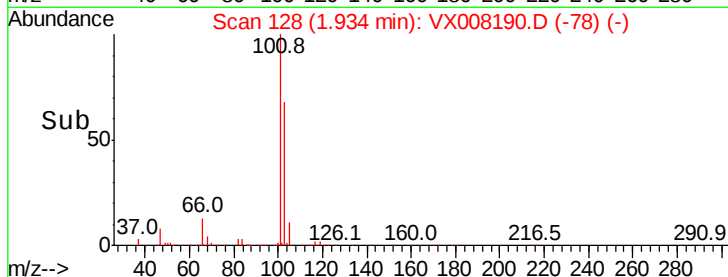
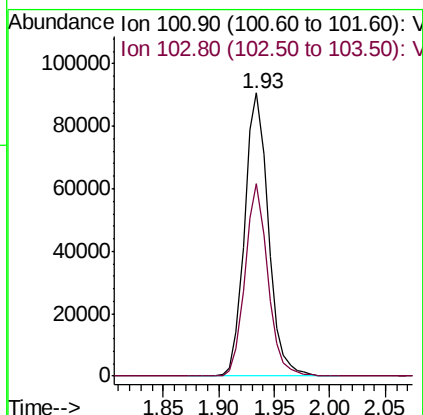
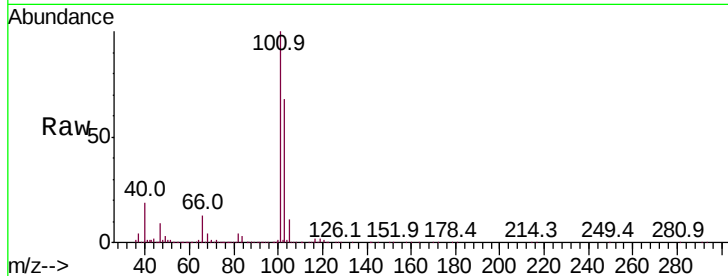
Trichlorofluoromethane
Concen: 19.862 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
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ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	50.4	75.6

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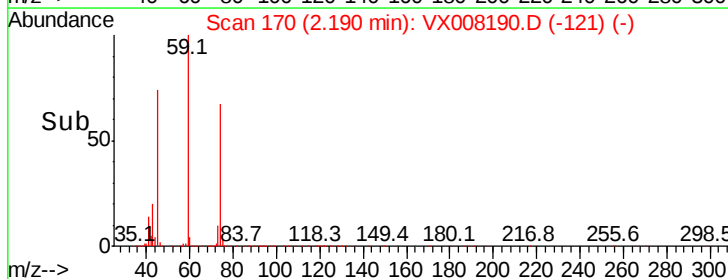
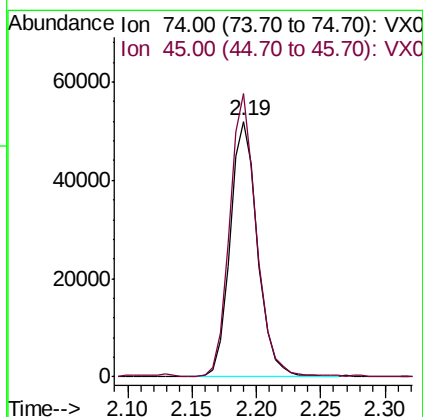
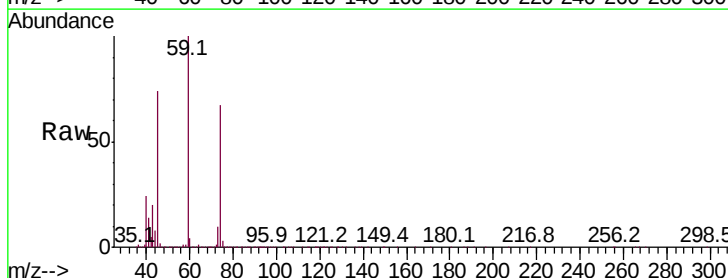
MMDadoda
3/20/2019 10:28:38 AM

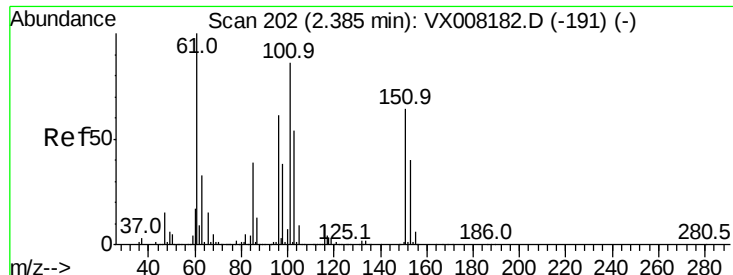


#8

Diethyl Ether
Concen: 22.049 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.1	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.733 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

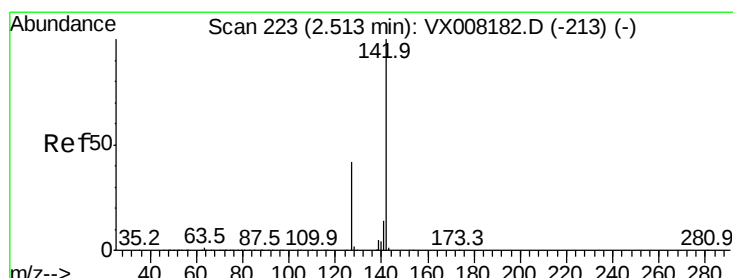
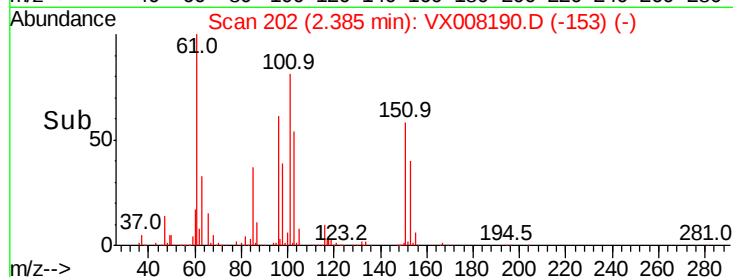
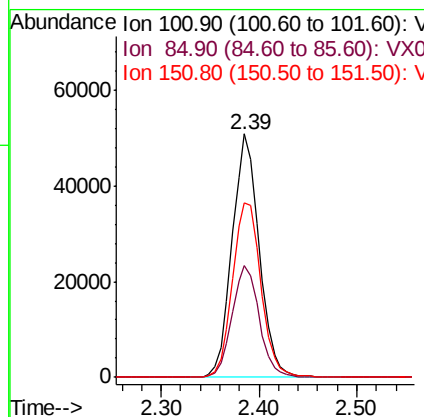
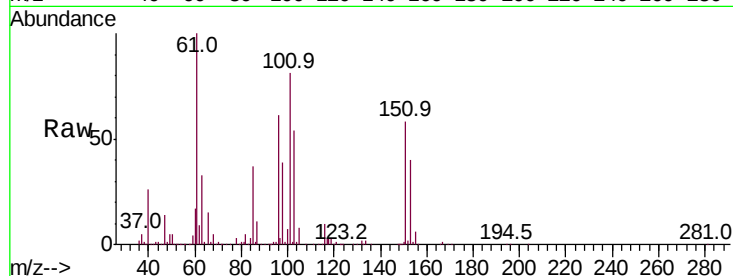
ClientSampleId :

VX0319WBSD01

Tot Ion:	101	Resp:	97681
Ion Ratio	Lower	Upper	
101	100		
85	46.0	33.8	50.6
151	75.4	69.1	103.7

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#10

Methyl Iodide

Concen: 21.455 ug/l

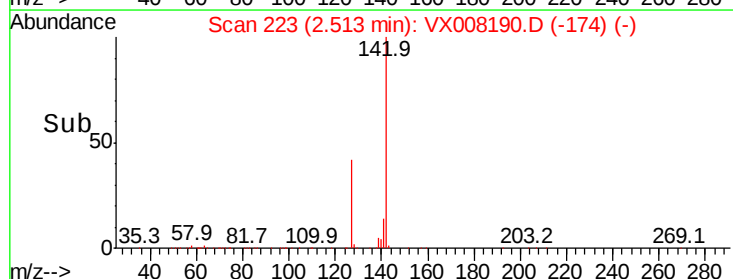
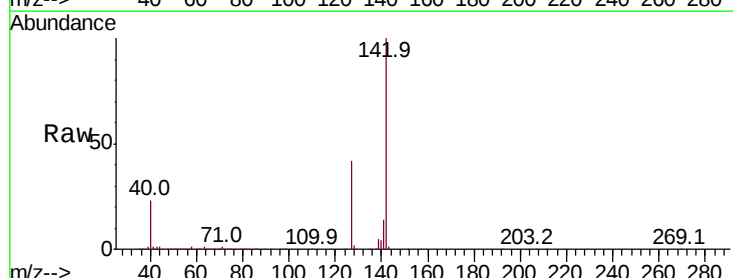
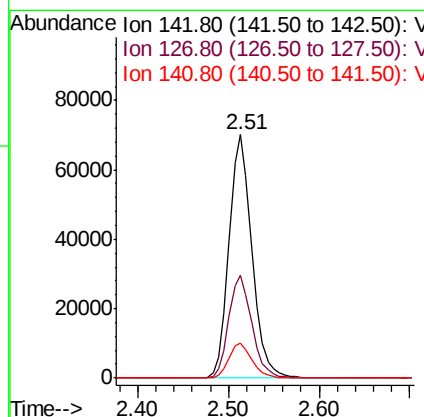
RT: 2.51 min Scan# 223

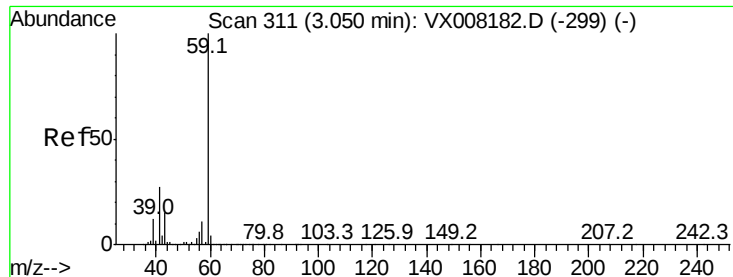
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	142	Resp:	122782
Ion Ratio	Lower	Upper	
142	100		
127	42.7	32.1	48.1
141	14.6	11.4	17.2





#11

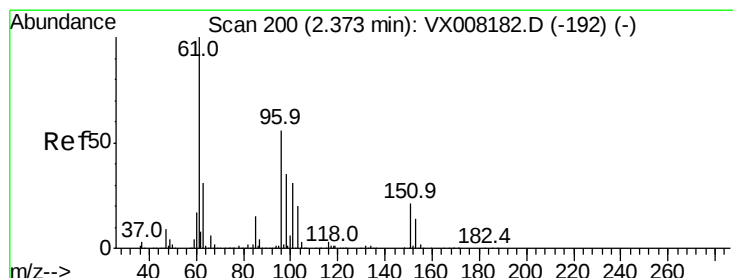
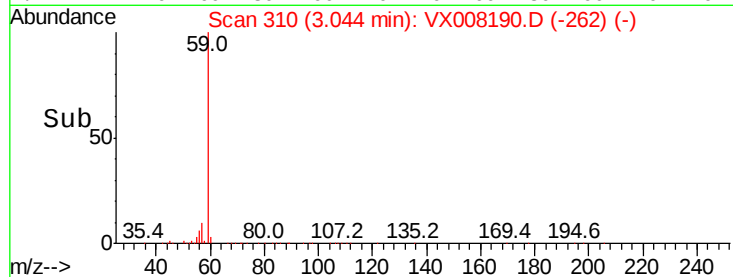
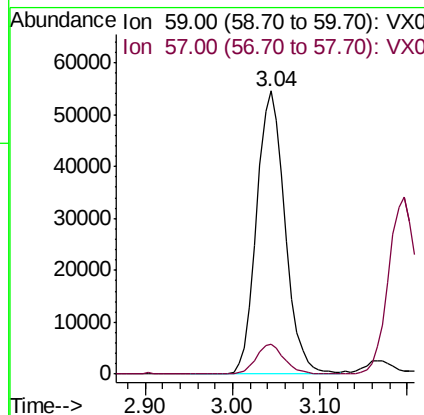
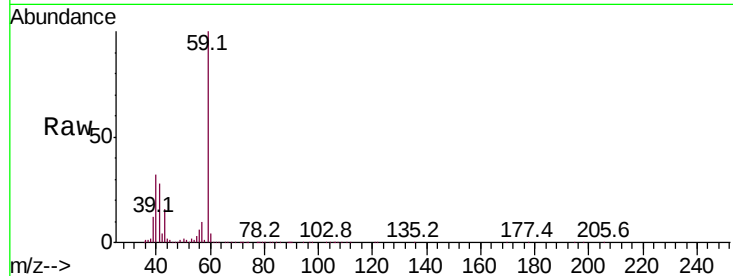
Tert butyl alcohol
Concen: 109.635 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	123617		
57	57	10.1		8.2	12.2

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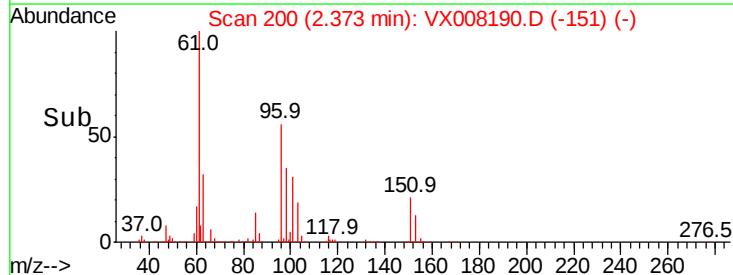
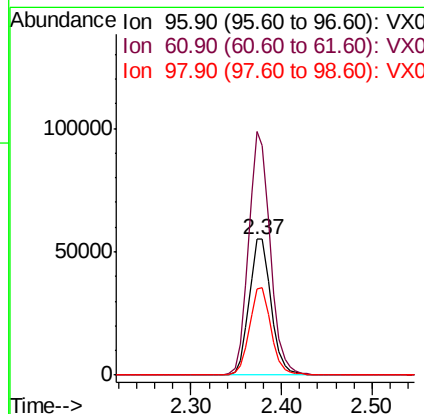
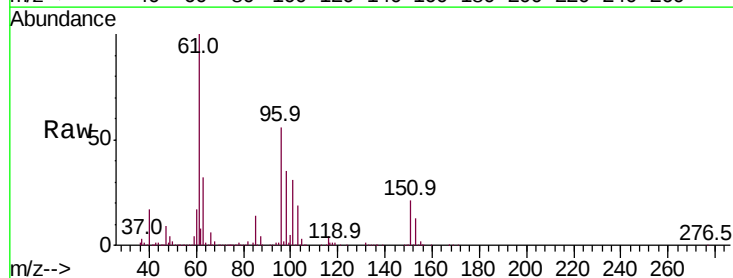
MMDadoda
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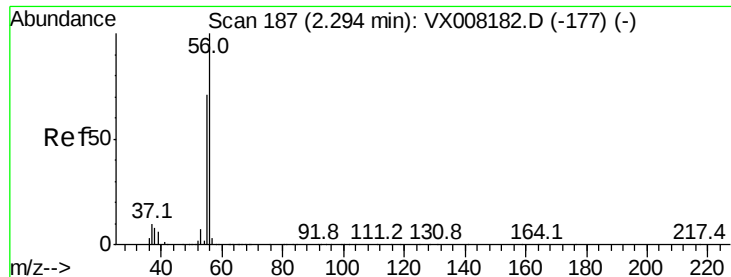


#12

1,1-Dichloroethene
Concen: 21.806 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	92528		
61	61	179.1		129.8	194.6
98	98	63.1		51.0	76.6





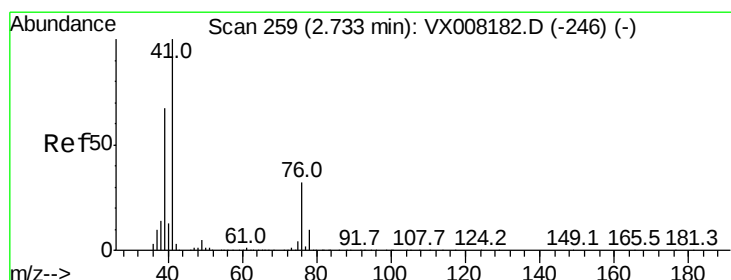
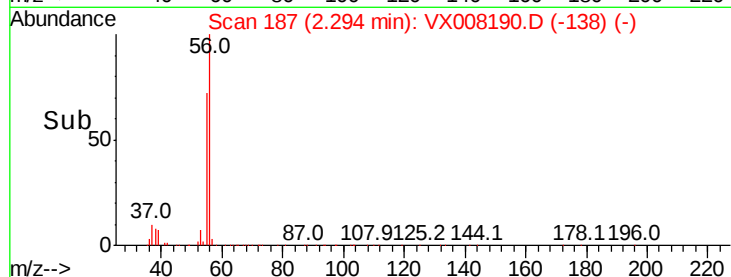
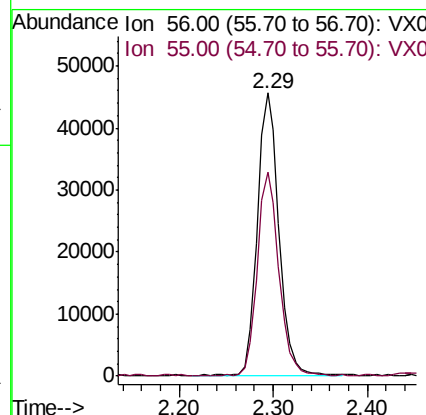
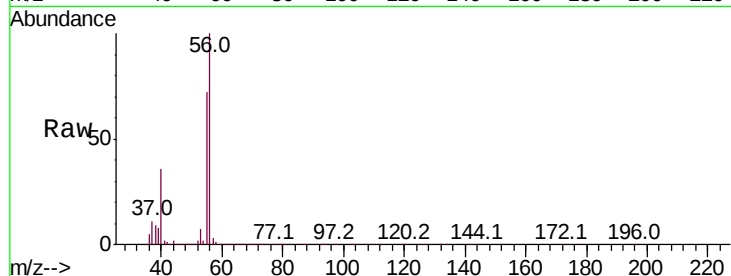
#13
Acrolein
Concen: 85.906 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion: 56 Resp: 73647
Ion Ratio Lower Upper
56 100
55 71.9 57.8 86.6

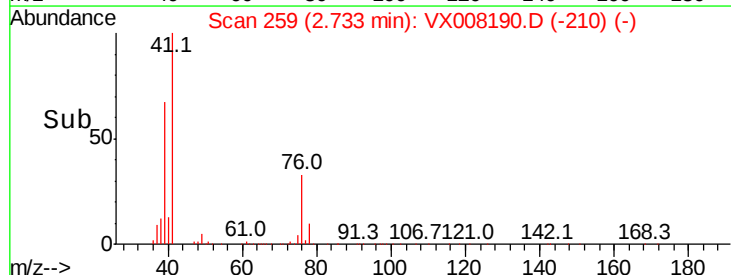
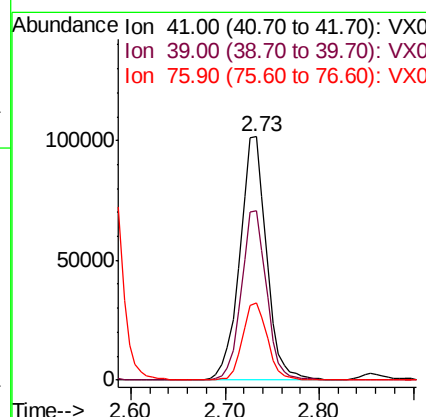
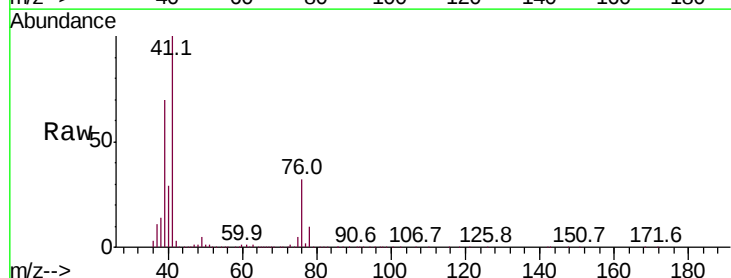
Manual Integrations
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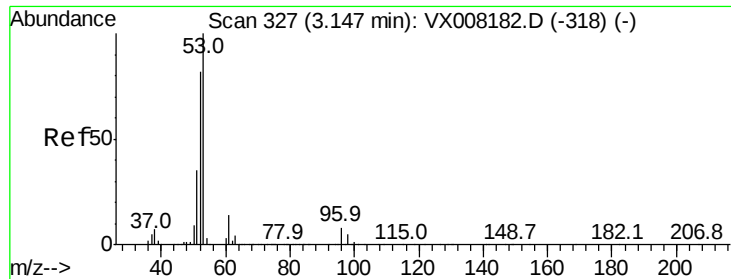
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#14
Allyl chloride
Concen: 21.749 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 41 Resp: 200894
Ion Ratio Lower Upper
41 100
39 66.1 46.1 69.1
76 29.3 24.0 36.0





#15

Acrylonitrile

Concen: 106.641 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

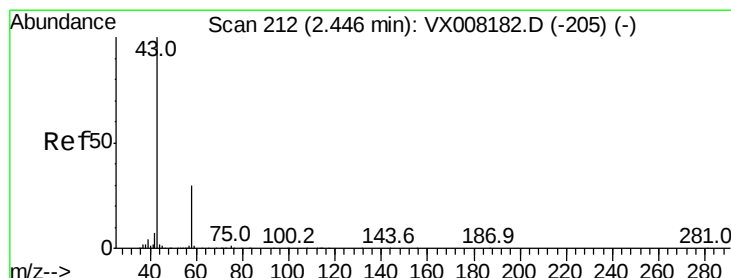
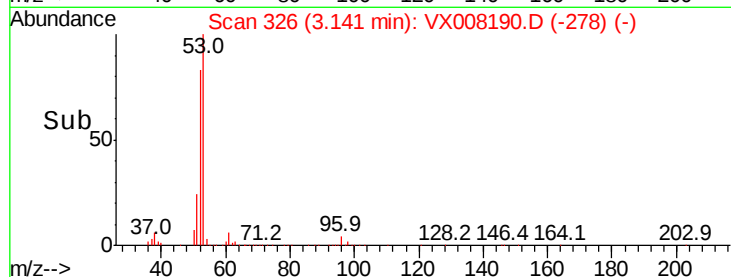
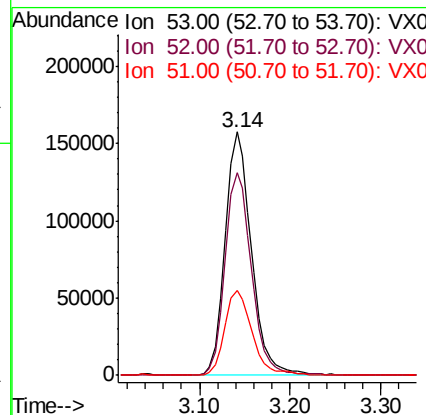
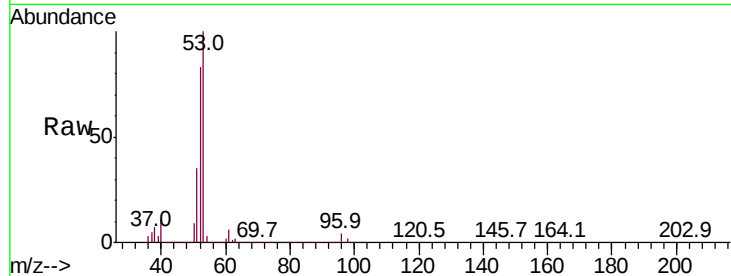
ClientSampleId :

VX0319WBSD01

Tot Ion:	53	Resp:	318040
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.0	99.0
51	36.4	28.0	42.0

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#16

Acetone

Concen: 106.149 ug/l

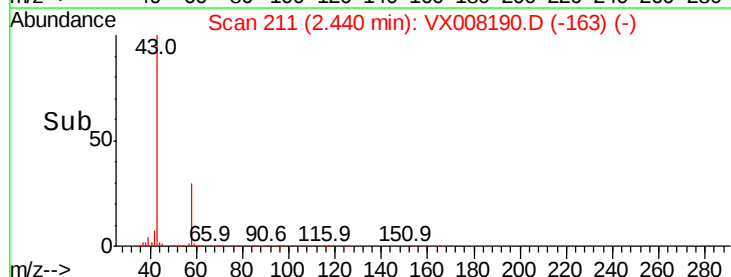
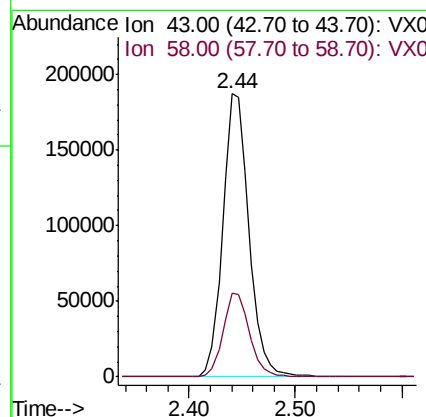
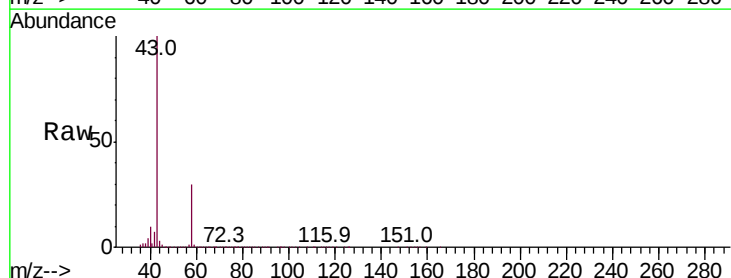
RT: 2.44 min Scan# 211

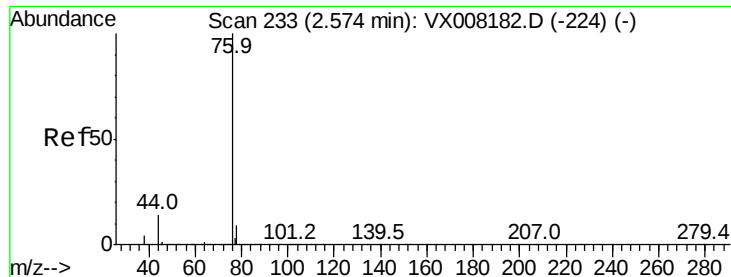
Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	43	Resp:	317093
Ion Ratio	Lower	Upper	
43	100		
58	29.6	25.5	38.3





#17

Carbon Disulfide

Concen: 21.163 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 76 Resp: 287649

Ion Ratio Lower Upper

76 100

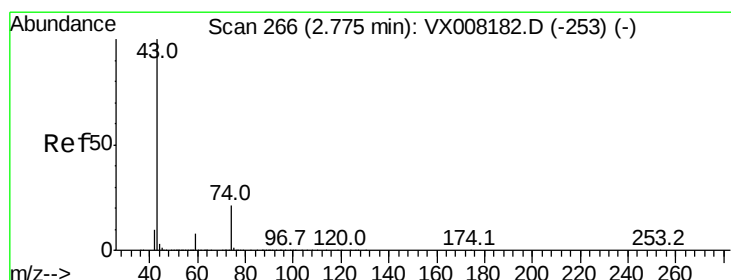
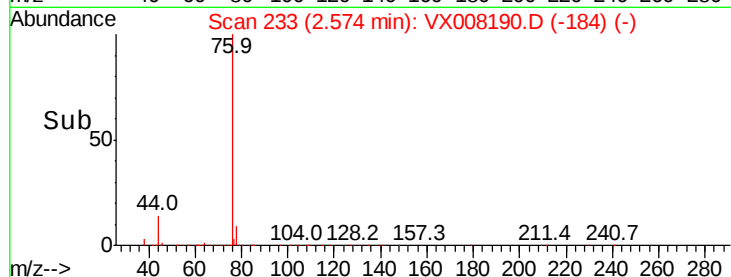
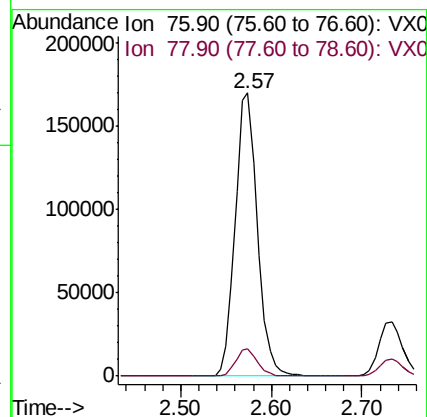
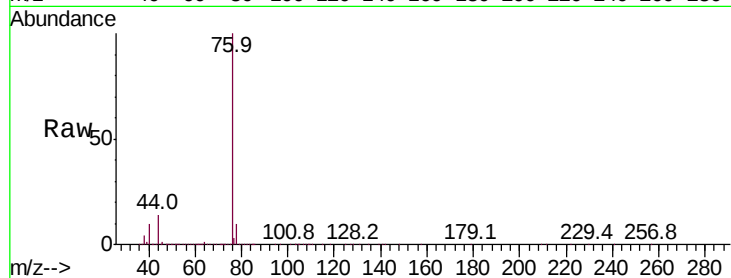
78 9.6 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 22.090 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008190.D

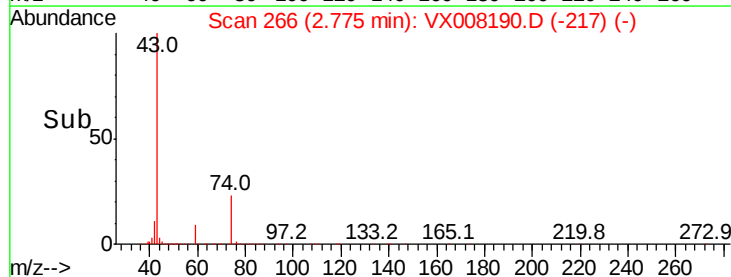
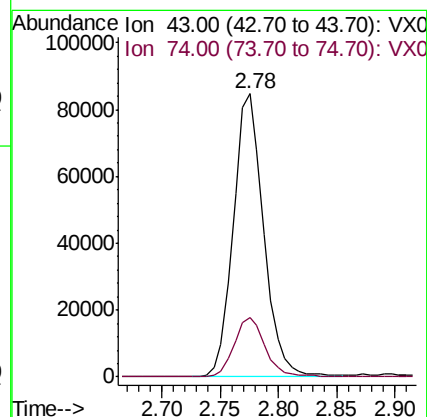
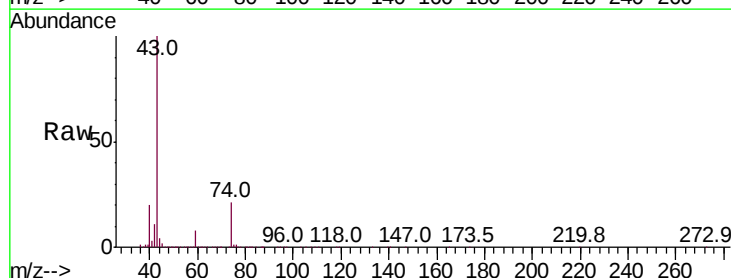
Acq: 19 Mar 2019 14:46

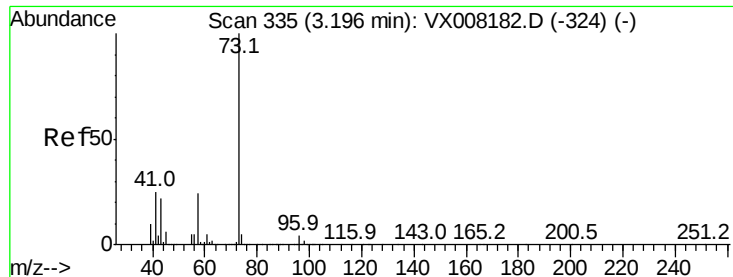
Tgt Ion: 43 Resp: 152769

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.6





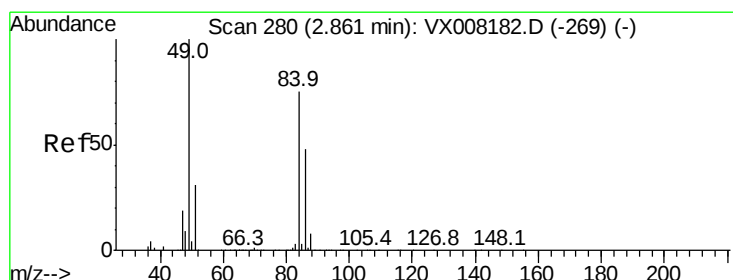
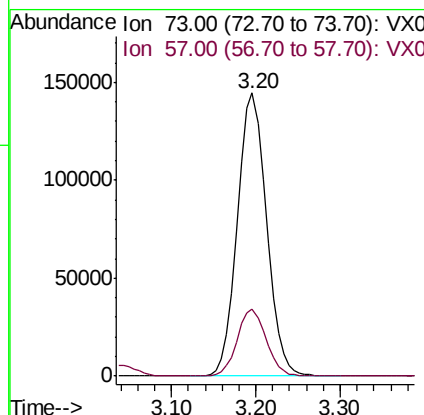
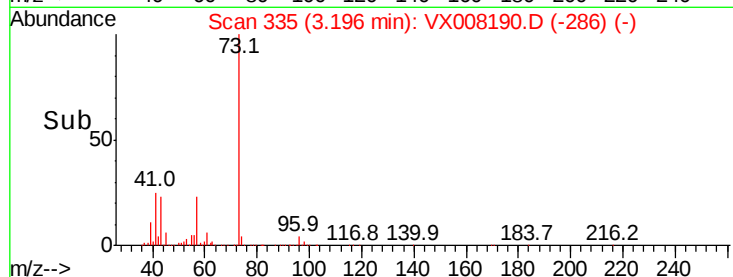
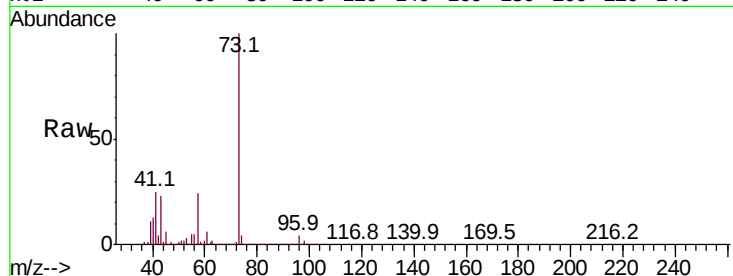
#19
Methyl tert-butyl Ether
Concen: 22.003 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion: 73 Resp: 337572
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4

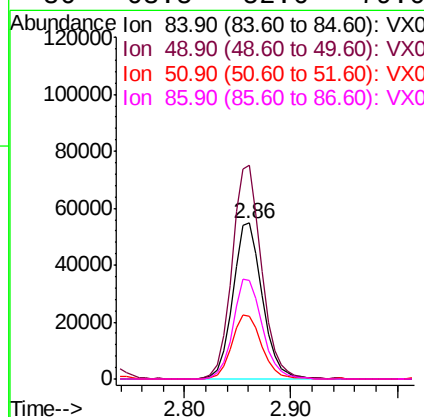
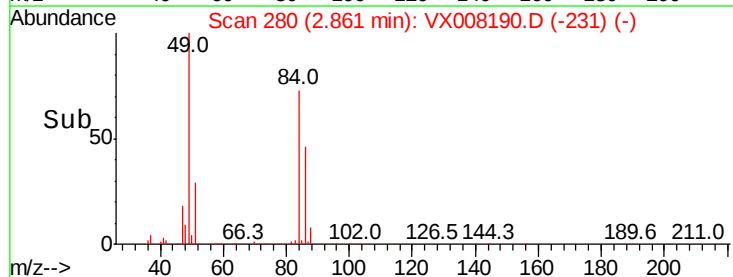
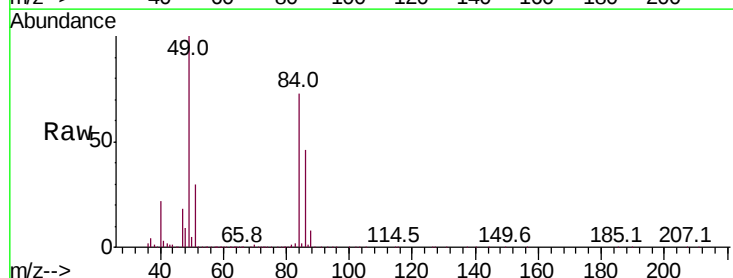
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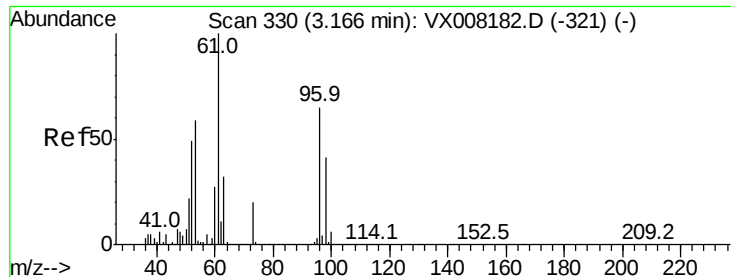
MMDadoda
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#20
Methylene Chloride
Concen: 21.396 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 84 Resp: 106578
Ion Ratio Lower Upper
84 100
49 136.7 99.3 148.9
51 40.4 31.3 46.9
86 63.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 21.340 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 96 Resp: 97821

Ion Ratio Lower Upper

96 100

61 158.4 114.4 171.6

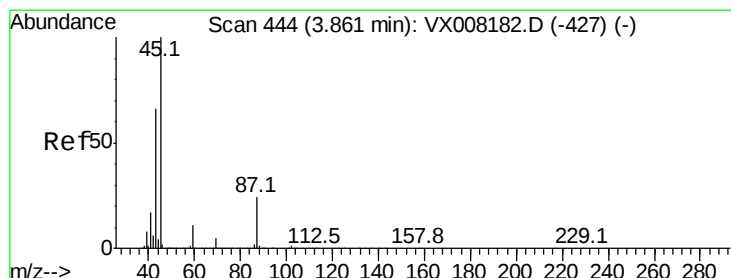
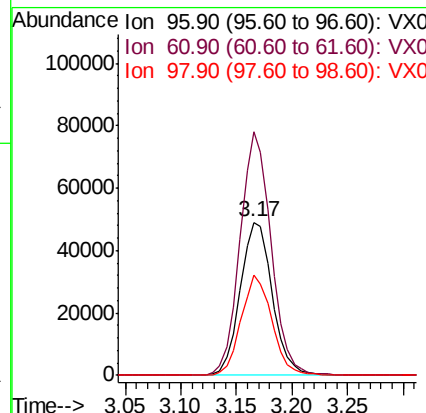
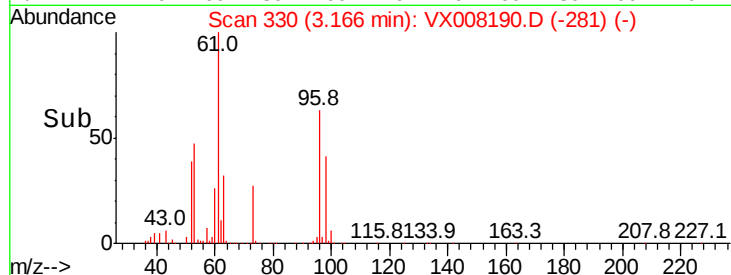
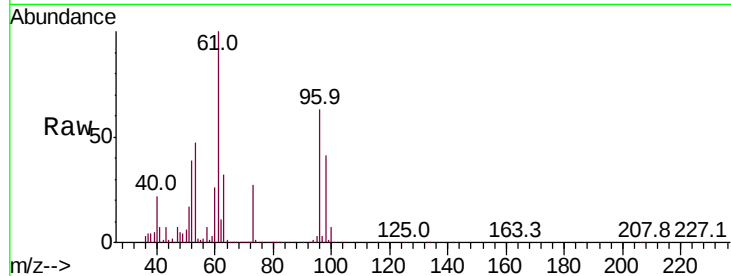
98 65.6 51.1 76.7

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#22

Diisopropyl ether

Concen: 22.109 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion: 45 Resp: 399971

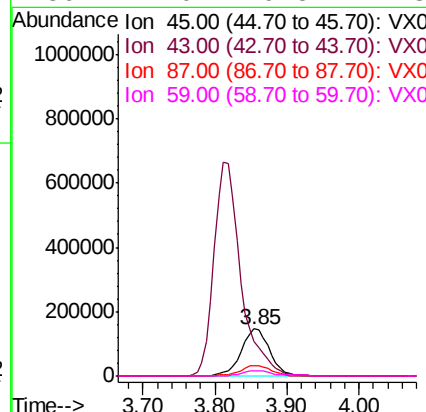
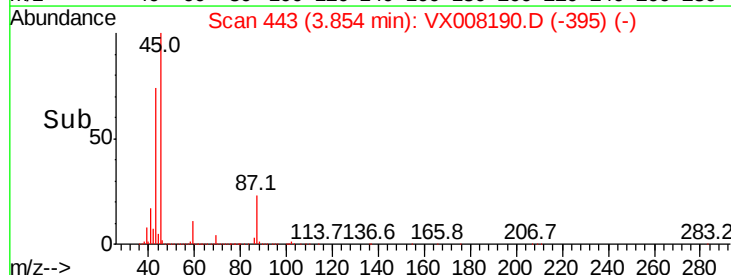
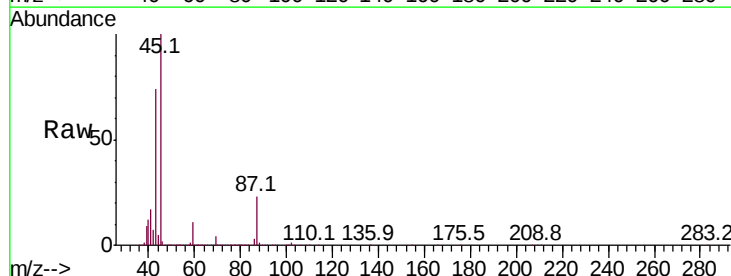
Ion Ratio Lower Upper

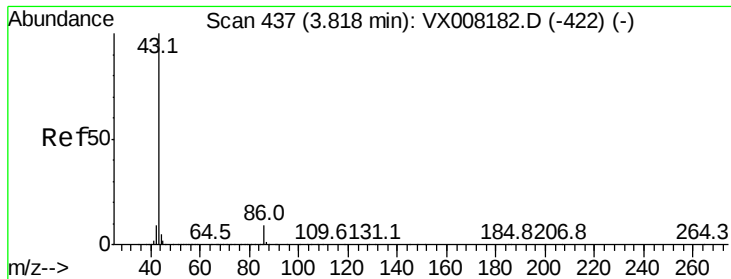
45 100

43 73.7 45.3 67.9#

87 22.9 21.4 32.0

59 11.0 9.5 14.3





#23

Vinyl Acetate

Concen: 111.754 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 43 Resp: 1733321

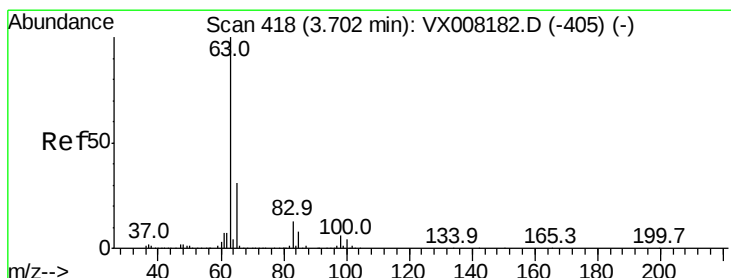
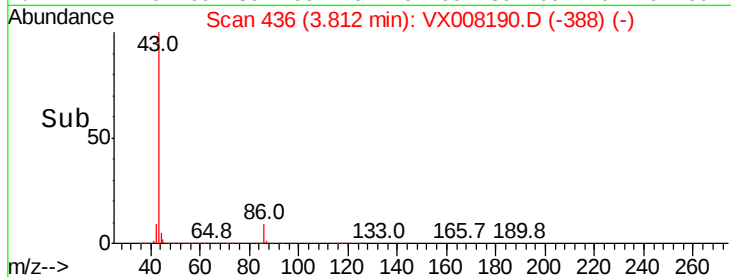
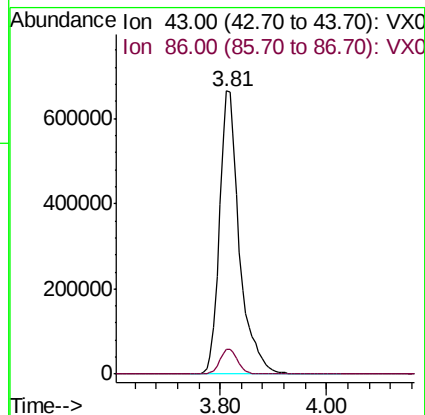
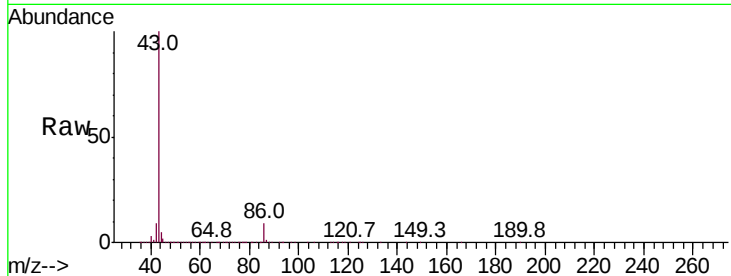
Ion Ratio Lower Upper

43 100

86 9.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 21.731 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

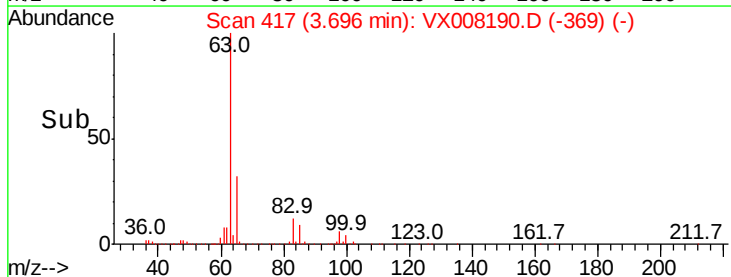
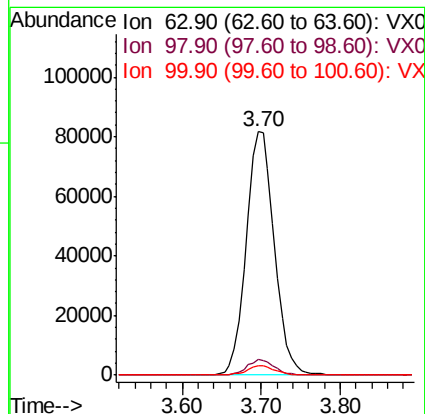
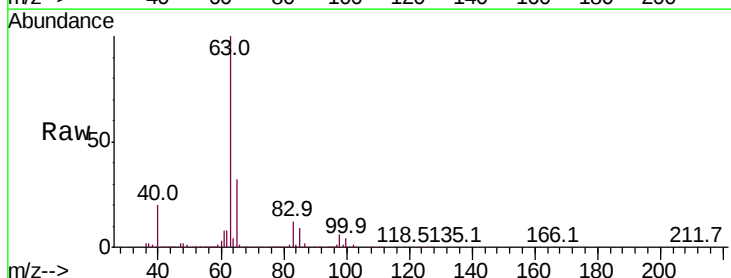
Tgt Ion: 63 Resp: 202197

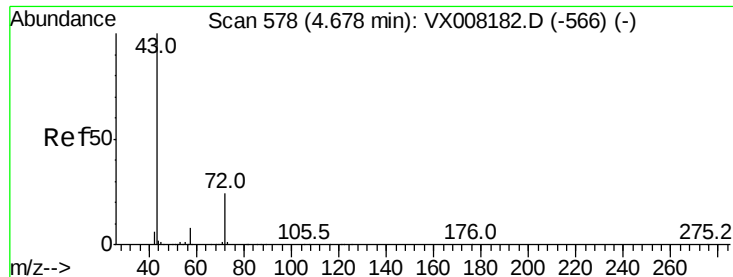
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.0 2.3 6.8





#25

2-Butanone

Concen: 110.038 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 43 Resp: 485221

Ion Ratio Lower Upper

43 100

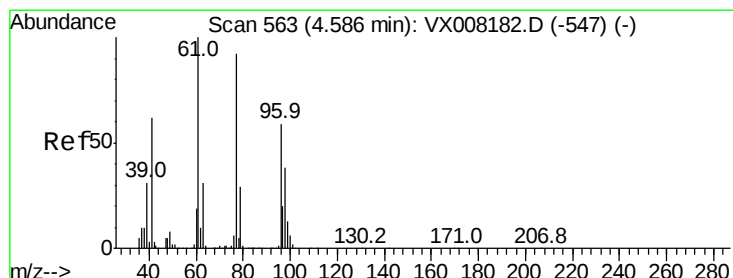
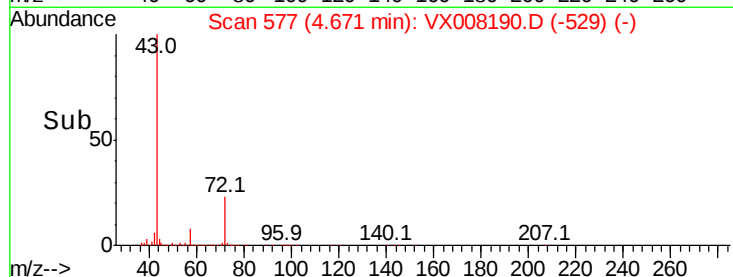
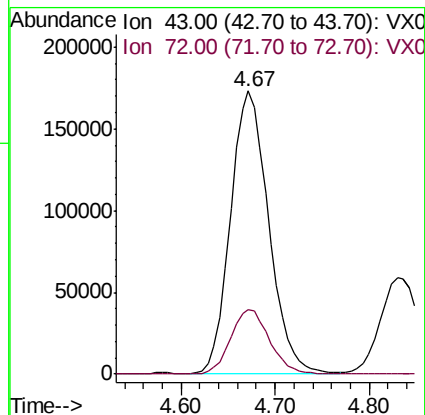
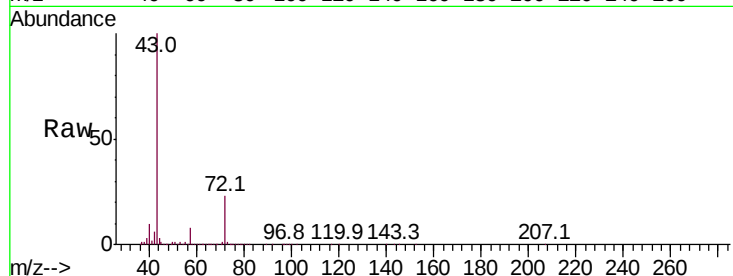
72 22.8 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.634 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008190.D

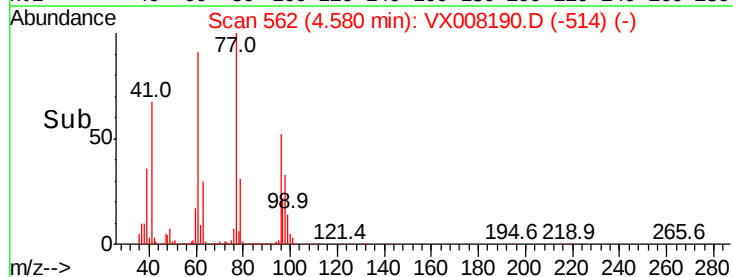
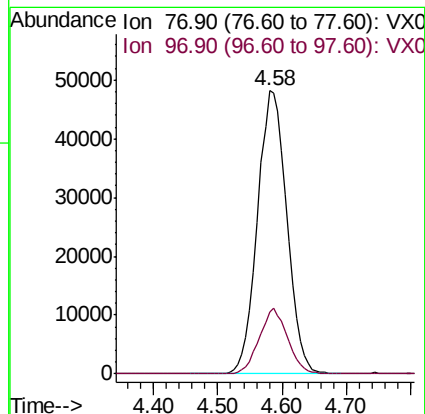
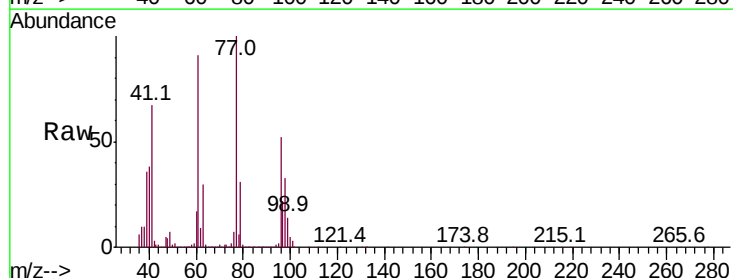
Acq: 19 Mar 2019 14:46

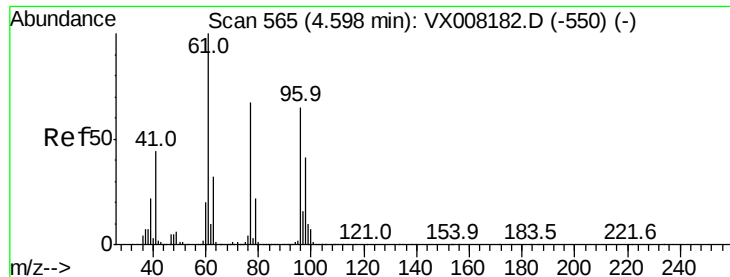
Tgt Ion: 77 Resp: 151638

Ion Ratio Lower Upper

77 100

97 22.4 12.2 36.6





#27

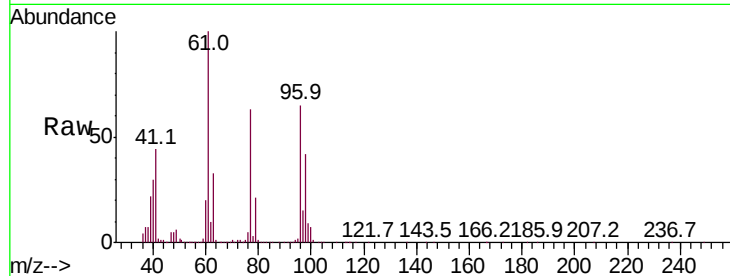
cis-1,2-Dichloroethene
Concen: 21.428 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	288.0
98	64.4	0.0	129.0

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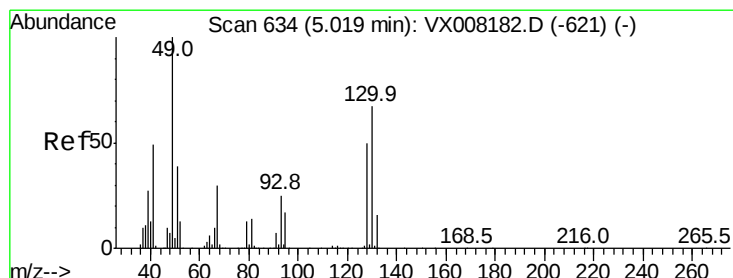
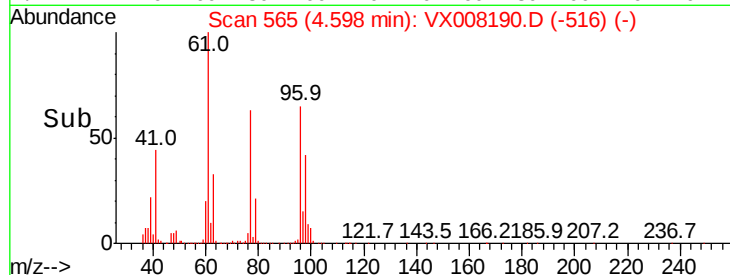
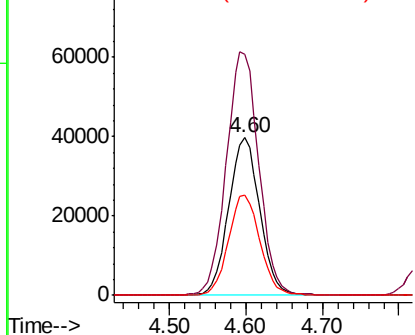


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

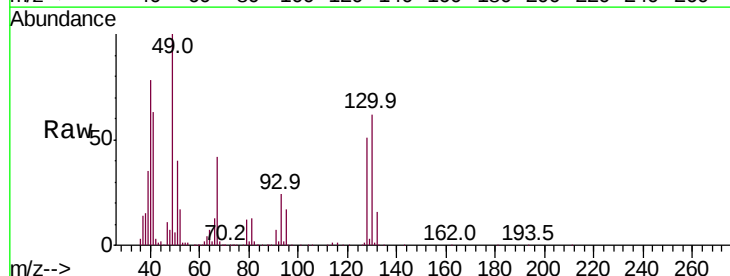
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.014 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	65.1	65.0	97.4

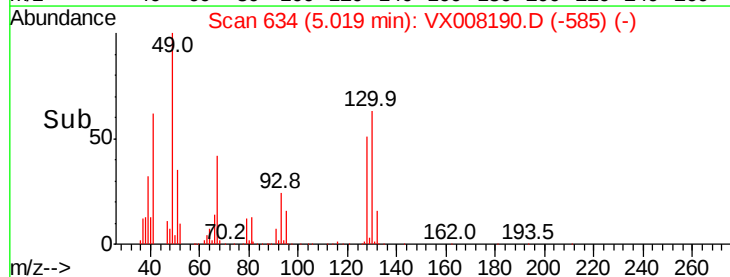
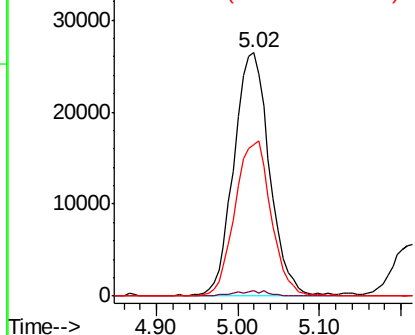


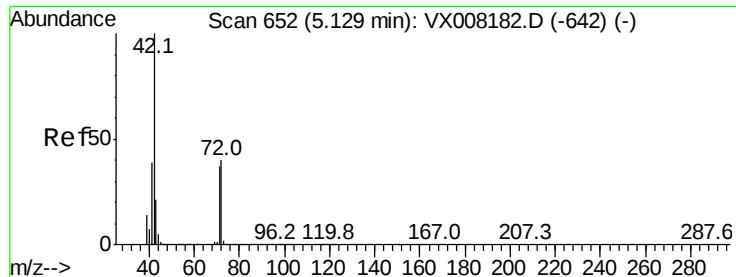
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 110.410 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

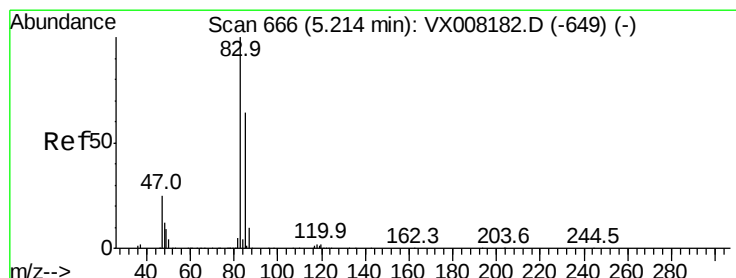
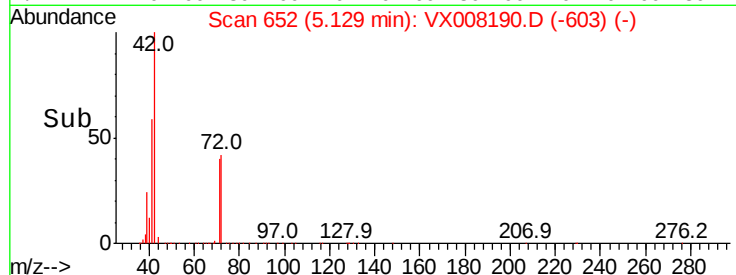
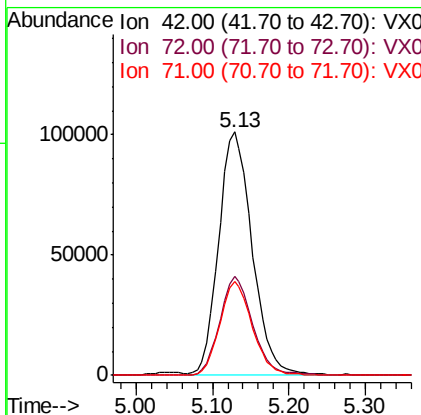
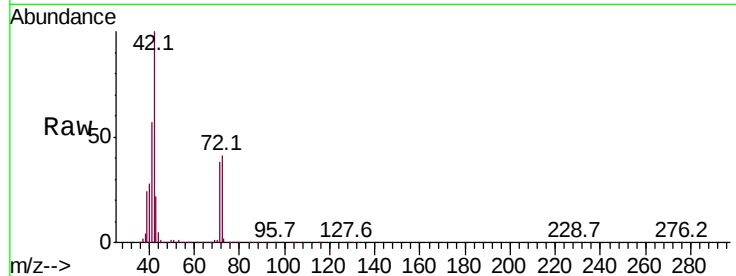
ClientSampleId :

VX0319WBSD01

Tot Ion:	42	Resp:	304353
Ion Ratio	Lower	Upper	
42	100		
72	40.1	33.8	50.6
71	37.4	31.5	47.3

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#30

Chloroform

Concen: 21.818 ug/l

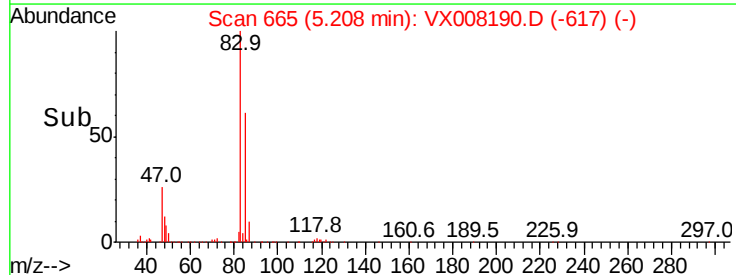
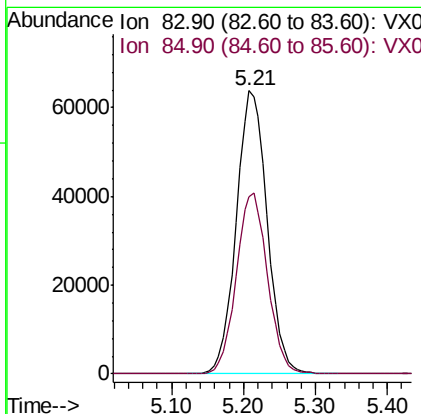
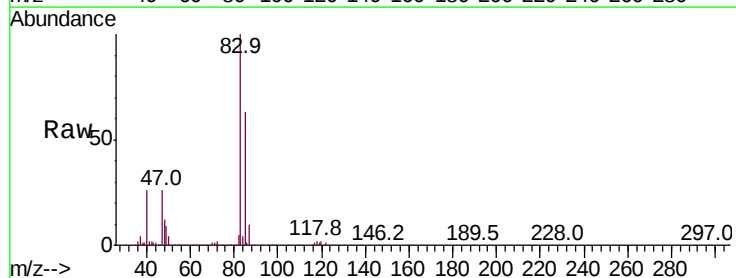
RT: 5.21 min Scan# 665

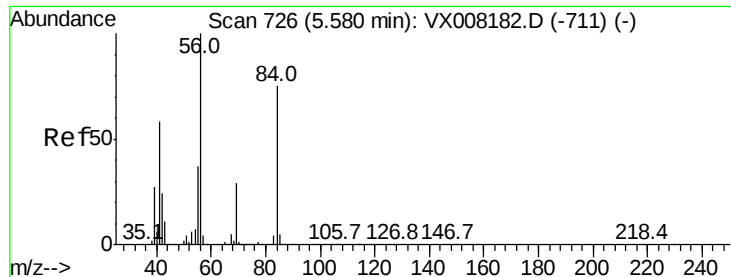
Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	83	Resp:	189894
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.8	77.6





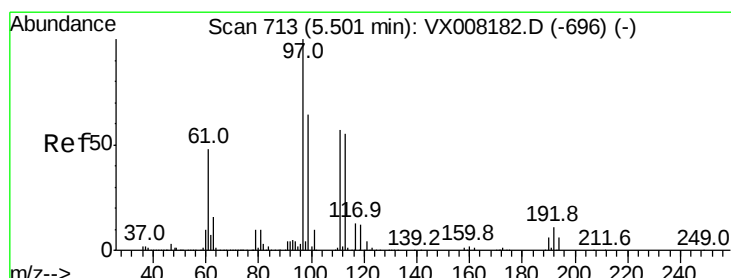
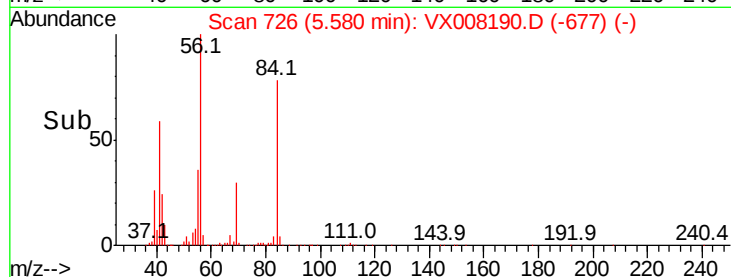
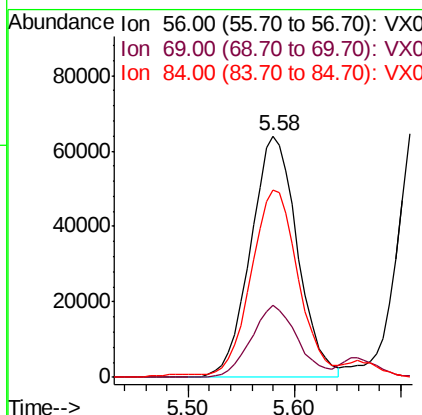
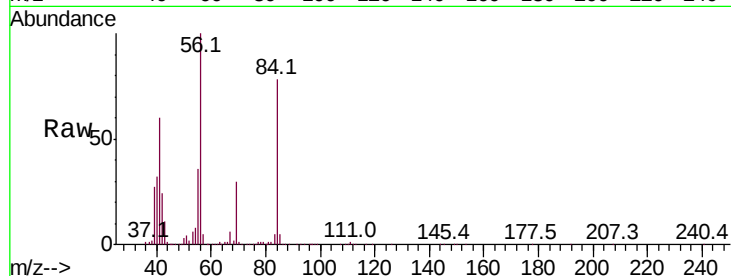
#31
Cyclohexane
Concen: 22.347 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.0	36.0
84	76.1	65.3	97.9

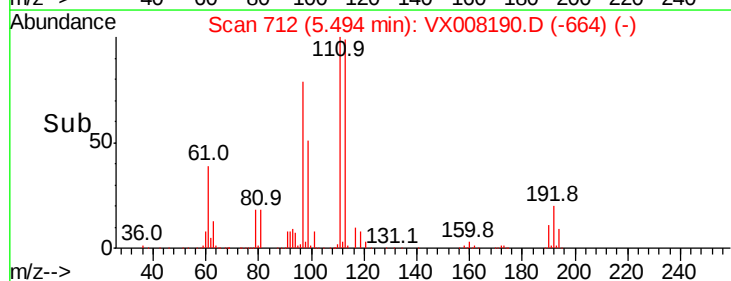
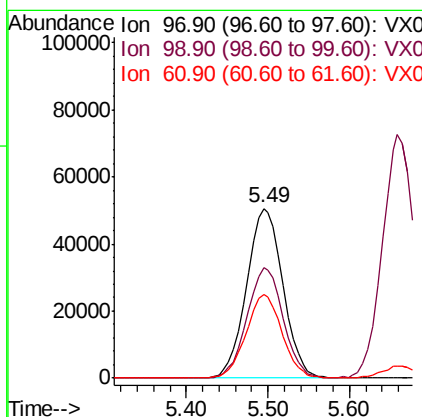
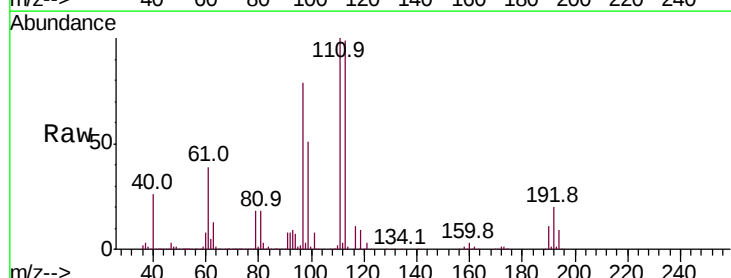
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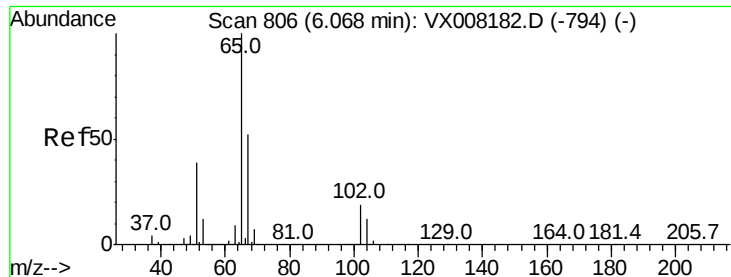
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#32
1,1,1-Trichloroethane
Concen: 21.677 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	48.8	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 47.464 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 65 Resp: 249990

Ion Ratio Lower Upper

65 100

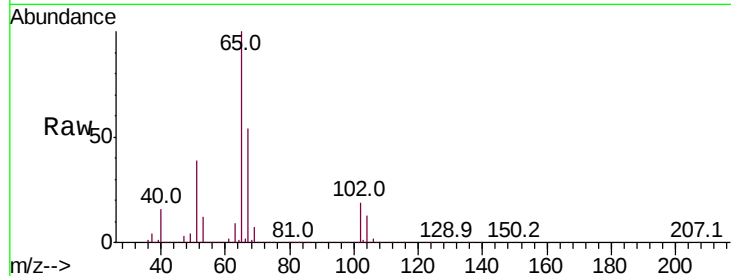
67 53.2 0.0 110.0

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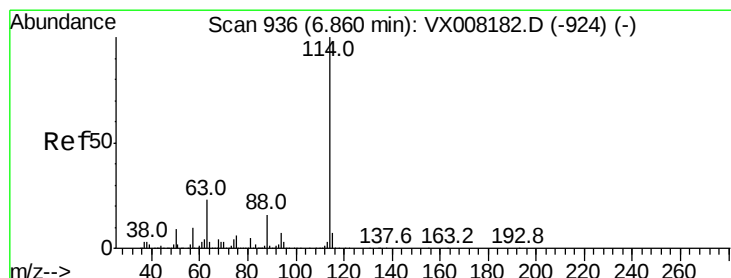
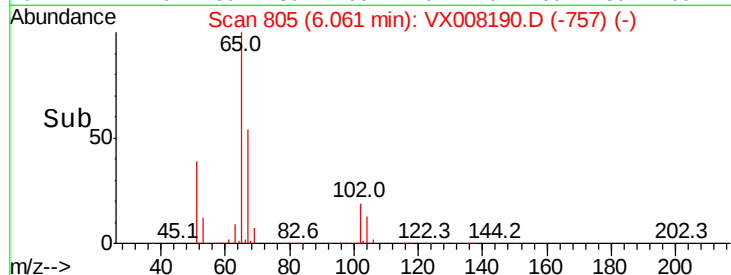
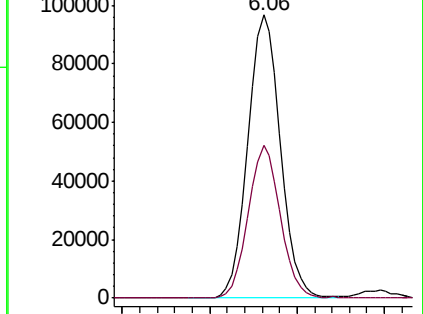
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

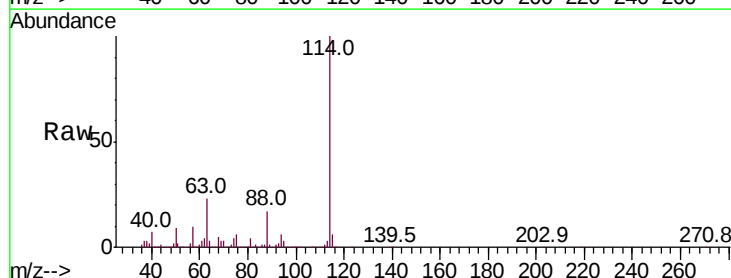
Tgt Ion: 114 Resp: 563844

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

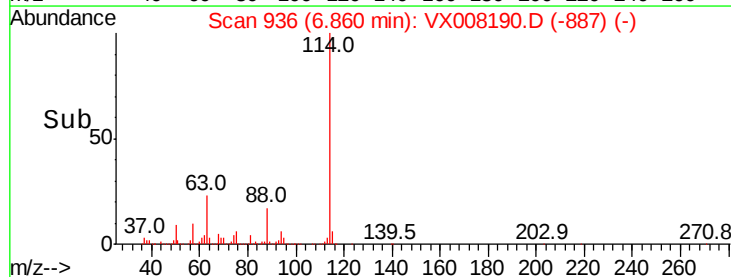
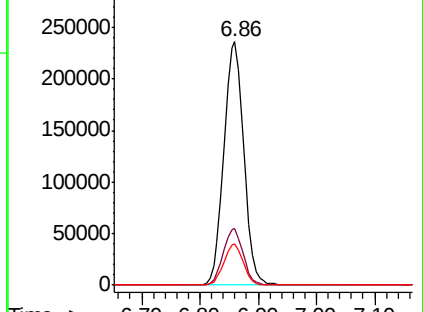
88 16.8 0.0 31.4

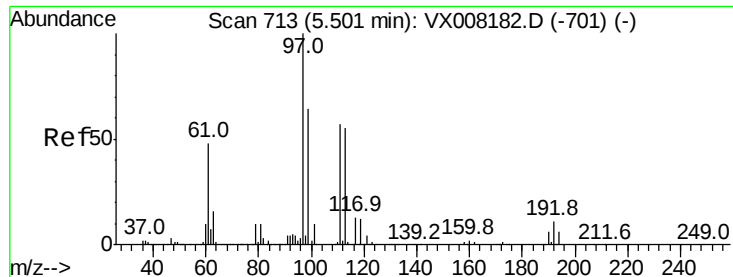


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.638 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

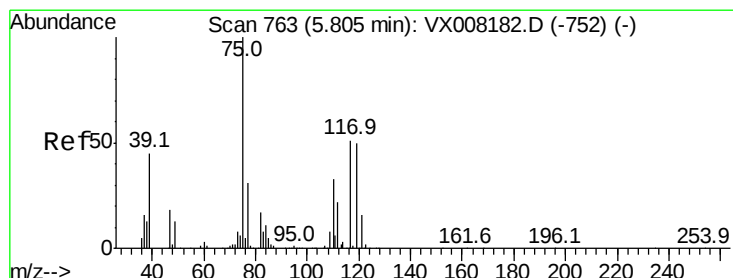
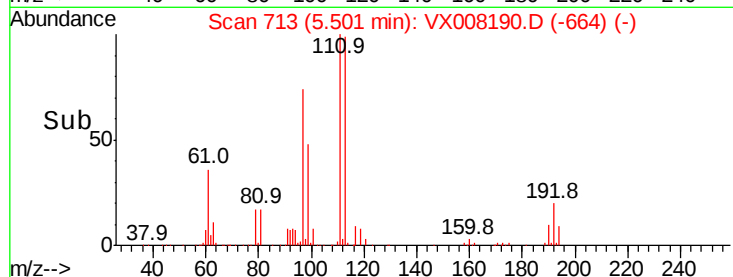
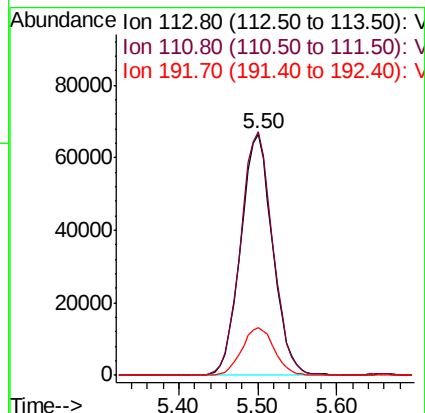
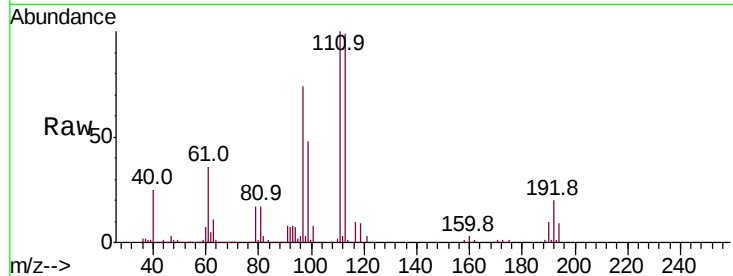
ClientSampleId :

VX0319WBSD01

Tot Ion:	113	Resp:	187363
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	20.2	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 22.233 ug/l

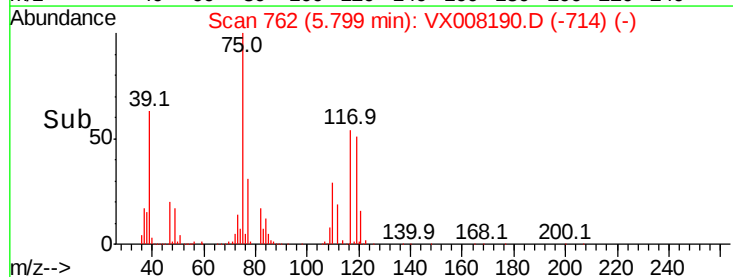
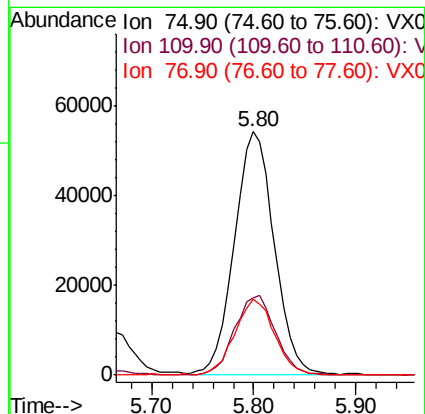
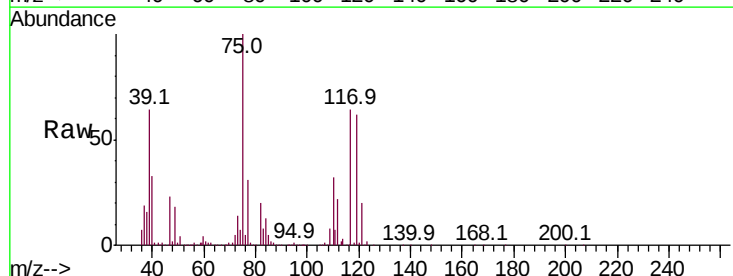
RT: 5.80 min Scan# 762

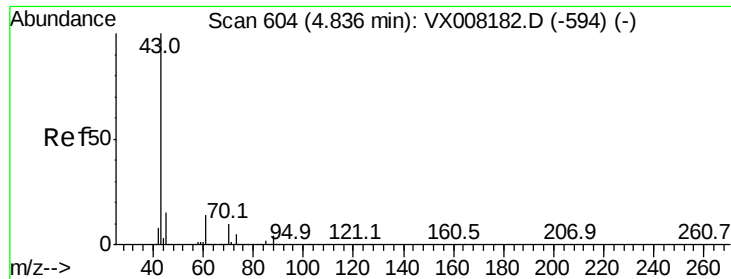
Delta R.T. -0.01 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	75	Resp:	145950
Ion Ratio	Lower	Upper	
75	100		
110	33.9	18.4	55.0
77	30.9	25.0	37.4





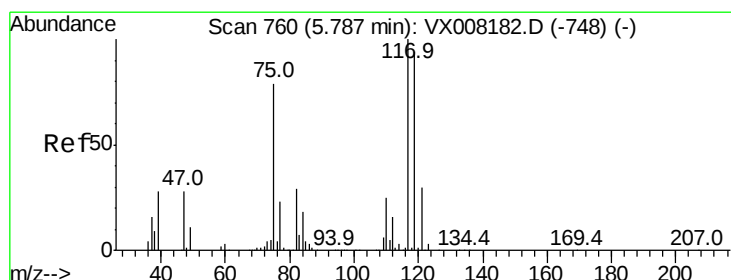
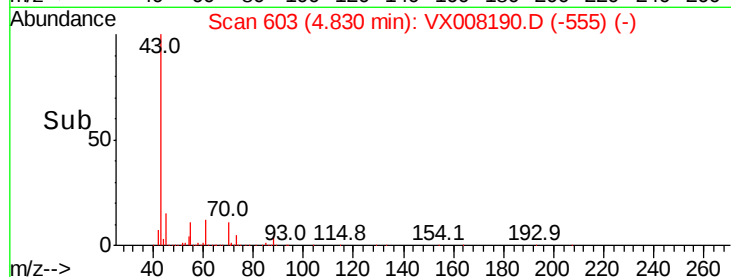
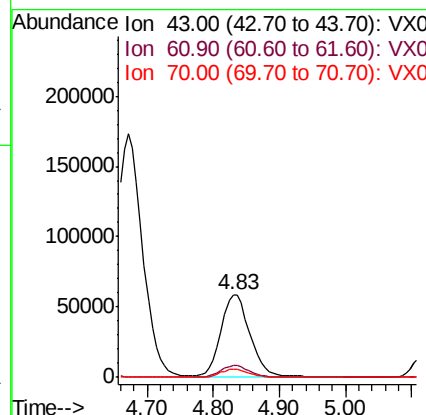
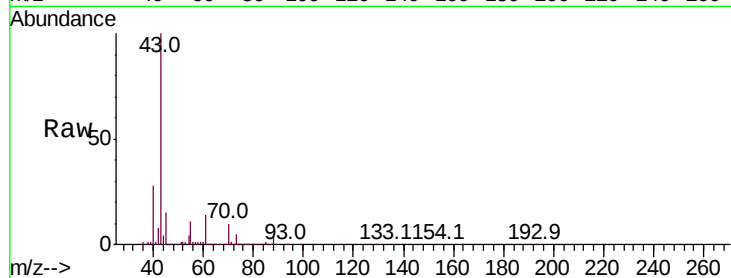
#37
Ethyl Acetate
Concen: 22.991 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	9.9	8.5	12.7

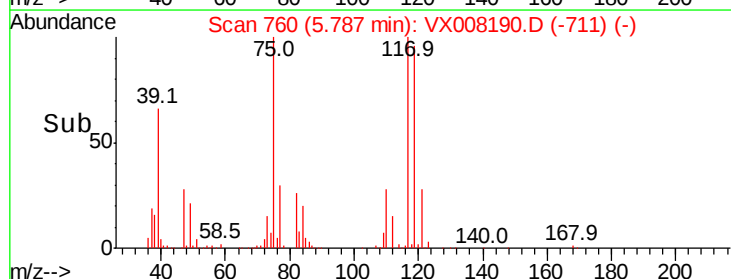
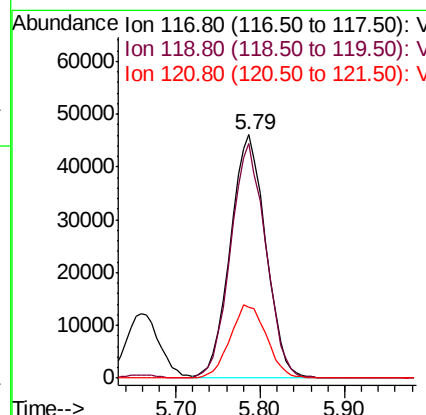
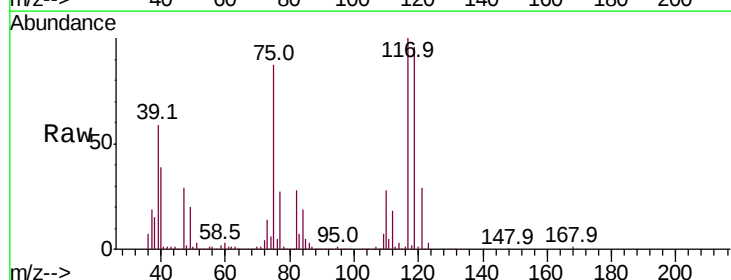
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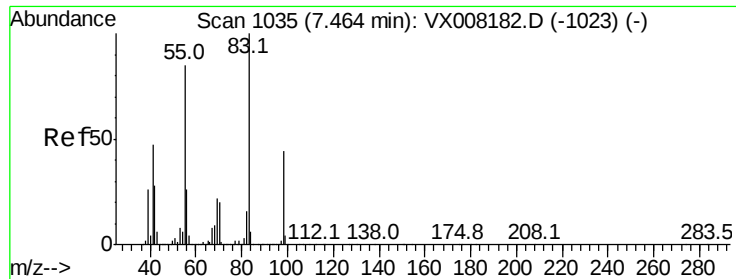
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#38
Carbon Tetrachloride
Concen: 22.596 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
121	29.3	24.6	36.8





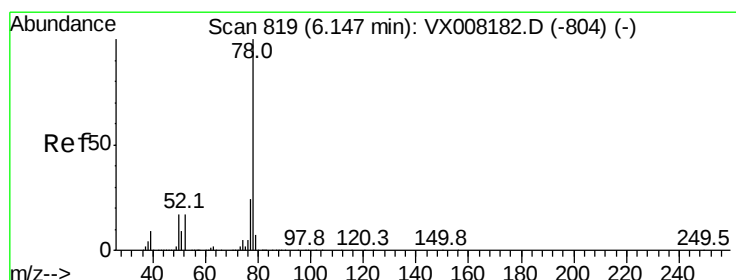
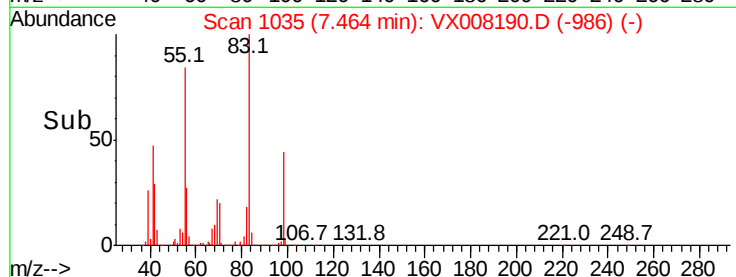
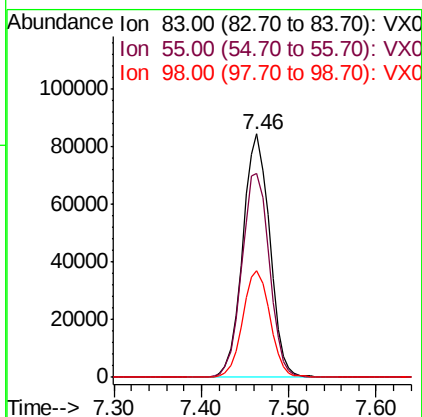
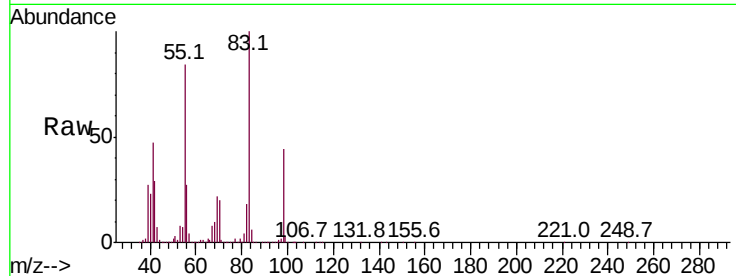
#39
Methvlcvclohexane
Concen: 22.887 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	180800		
55	83.6	60.4	90.6	
98	44.0	36.5	54.7	

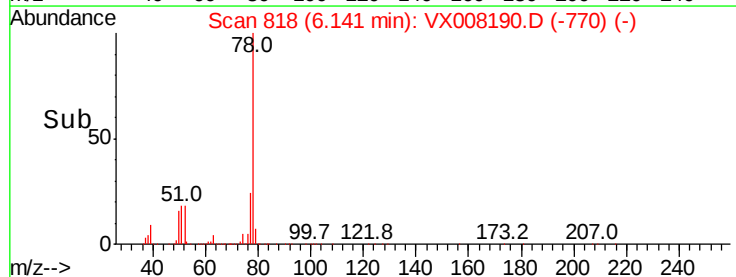
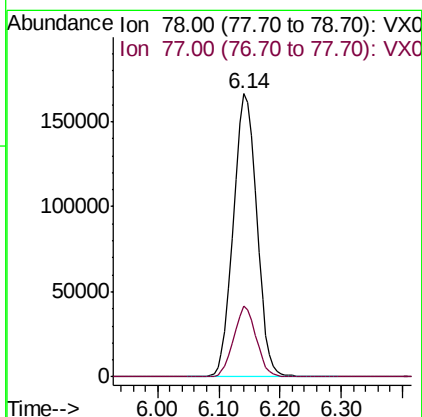
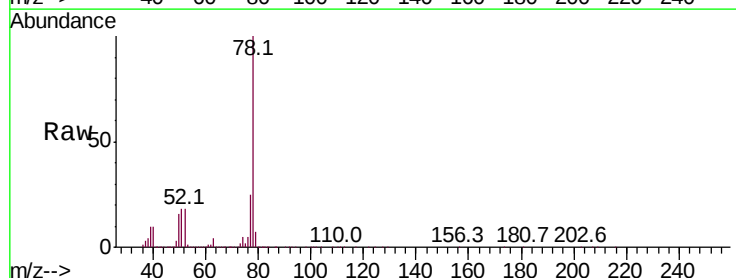
Manual Integrations
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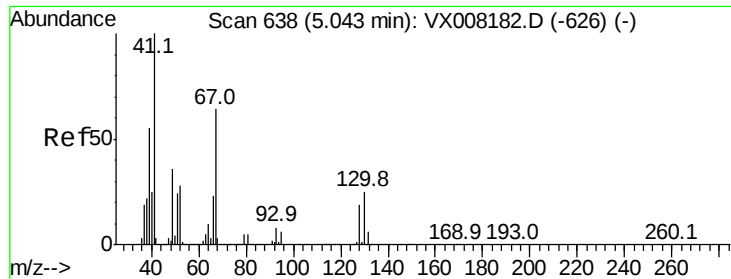
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#40
Benzene
Concen: 22.616 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	439424		
77	24.8	19.0	28.4	





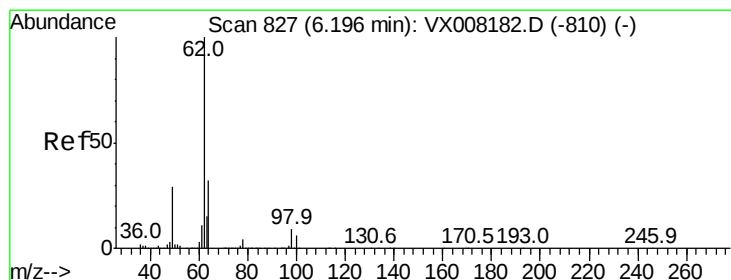
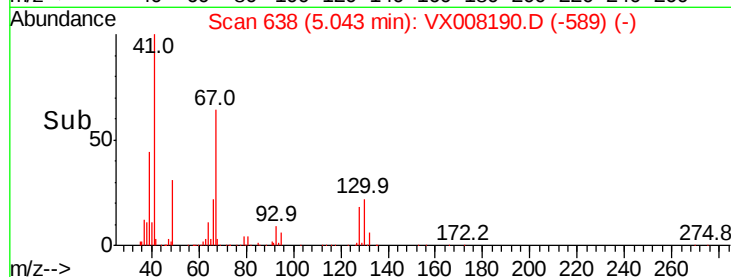
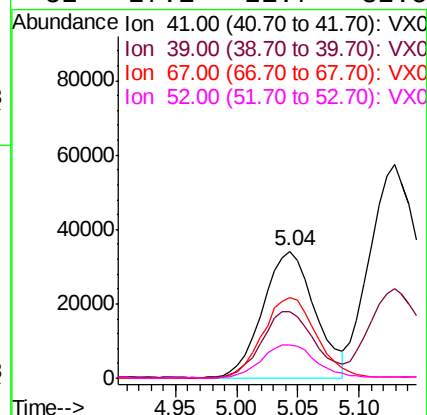
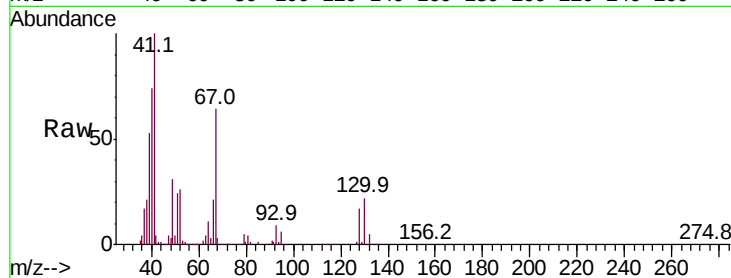
#41
Methacrylonitrile
Concen: 23.228 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	41.6	62.4	
67	66.0	55.8	83.6	
52	27.1	21.7	32.5	

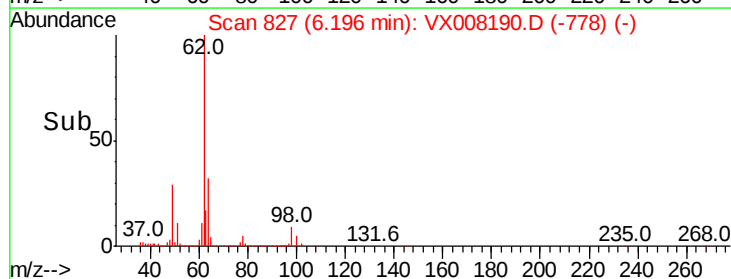
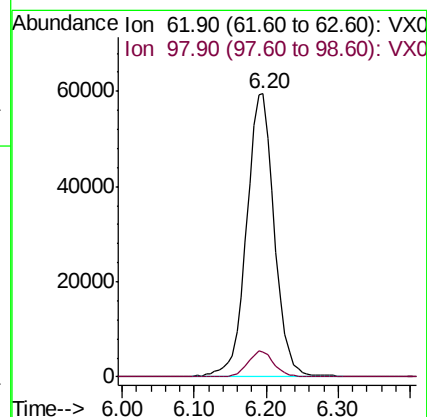
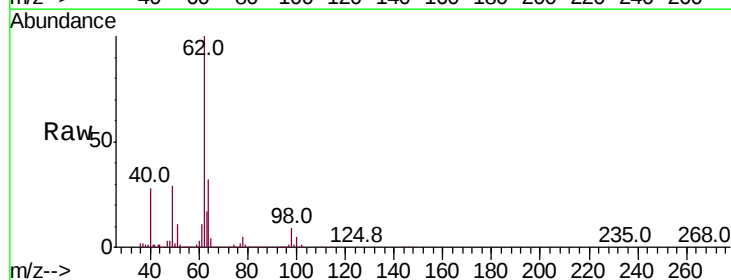
Manual Integrations
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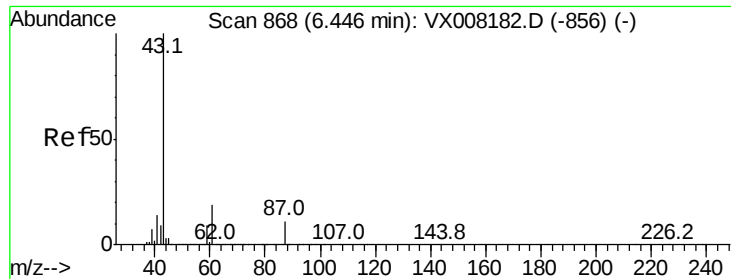
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#42
1,2-Dichloroethane
Concen: 22.316 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	20.4	





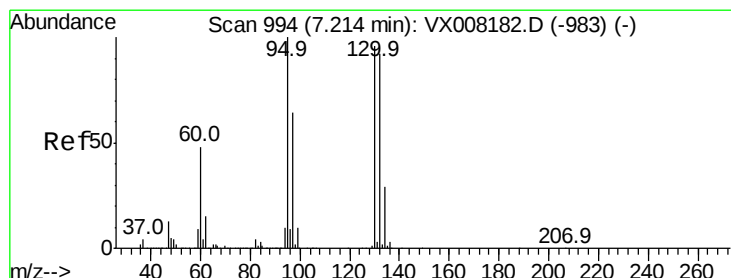
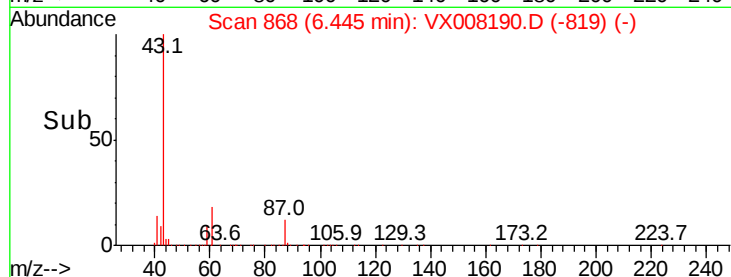
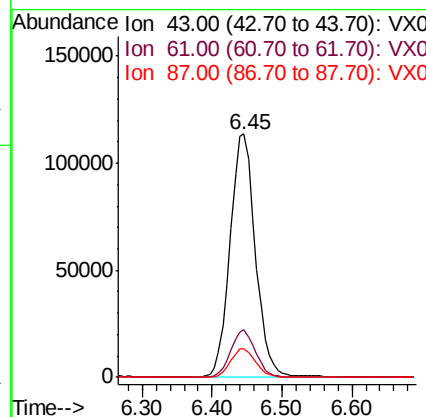
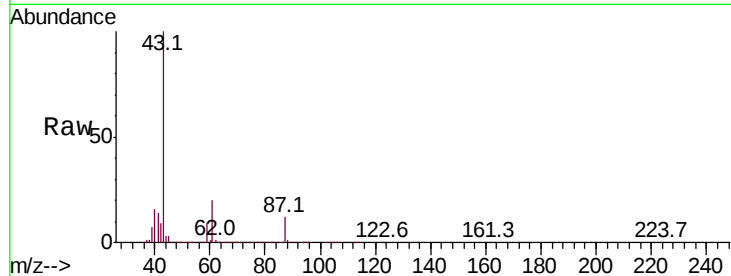
#43
Isopropyl Acetate
Concen: 22.923 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.3	24.5
87	11.7	10.5	15.7

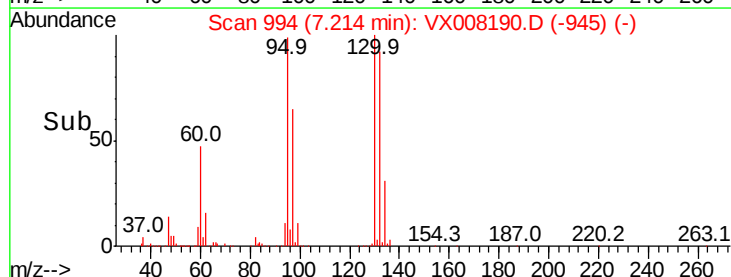
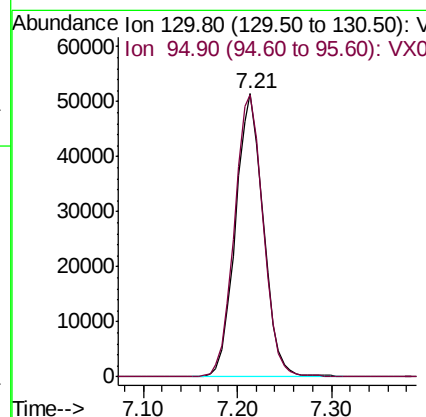
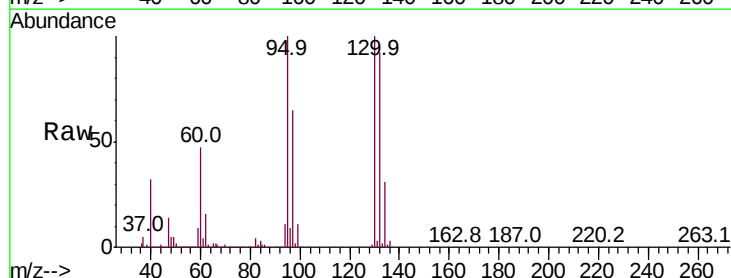
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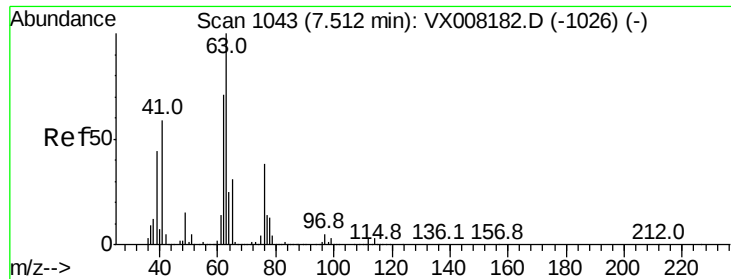
MMDadoda
3/20/2019 10:28:38 AM



#44
Trichloroethene
Concen: 22.260 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 22.538 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 63 Resp: 122586

Ion Ratio Lower Upper

63 100

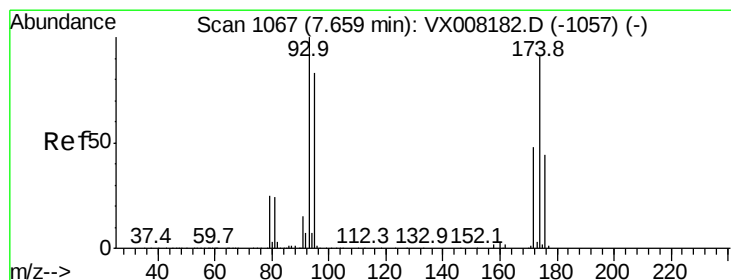
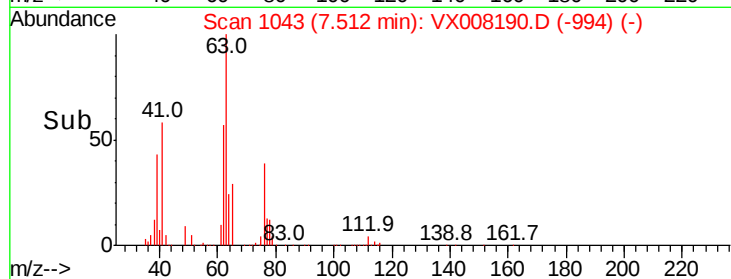
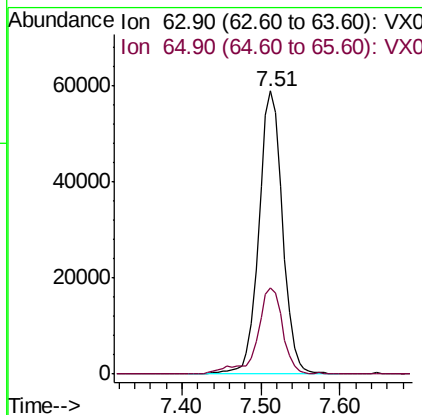
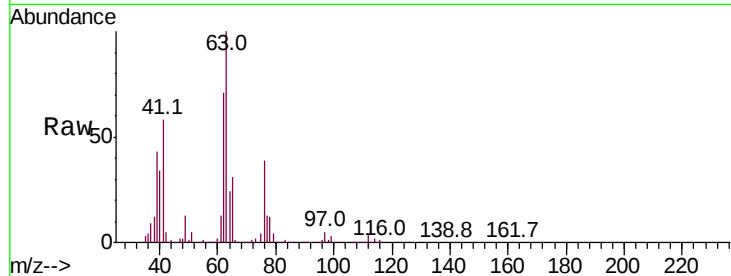
65 30.4 24.7 37.1

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#46

Dibromomethane

Concen: 21.859 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

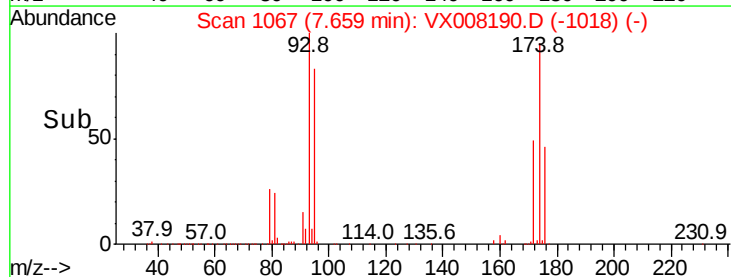
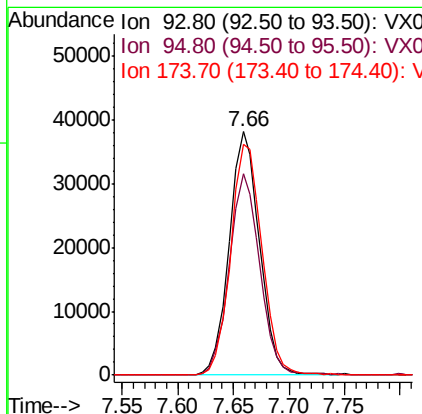
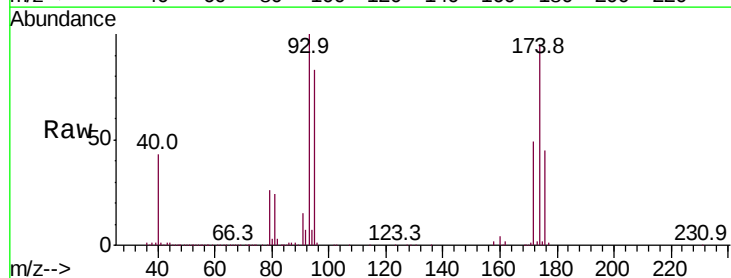
Tgt Ion: 93 Resp: 71987

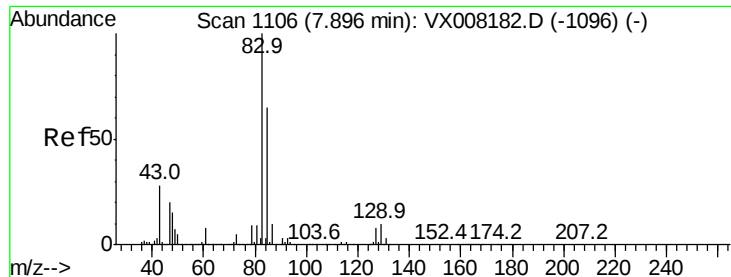
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 97.2 97.3 145.9#





#47

Bromodichloromethane

Concen: 22.451 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

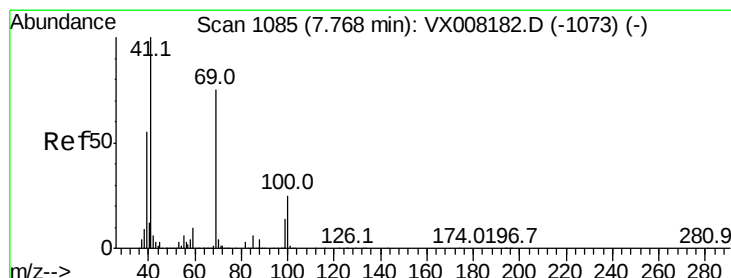
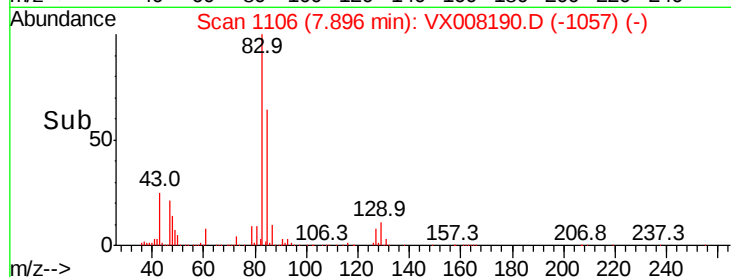
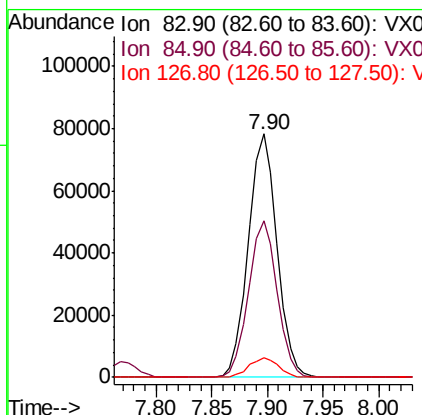
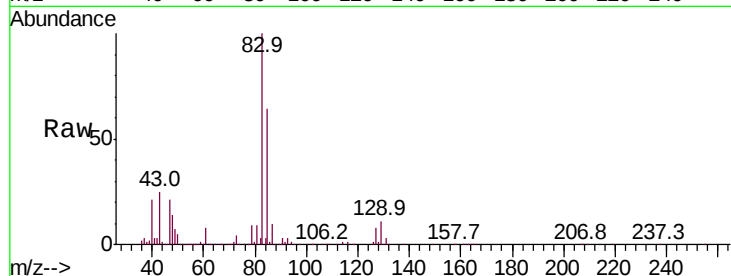
ClientSampleId :

VX0319WBSD01

Tot Ion:	83	Resp:	140908
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.9	76.3
127	8.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.810 ug/l

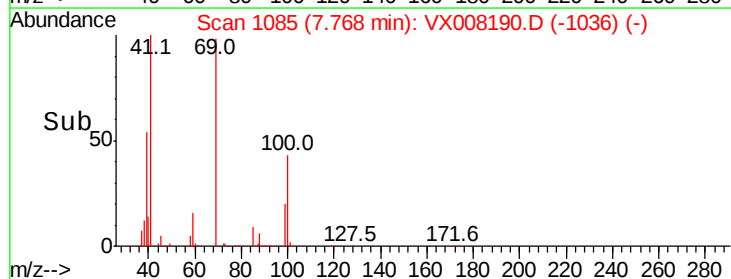
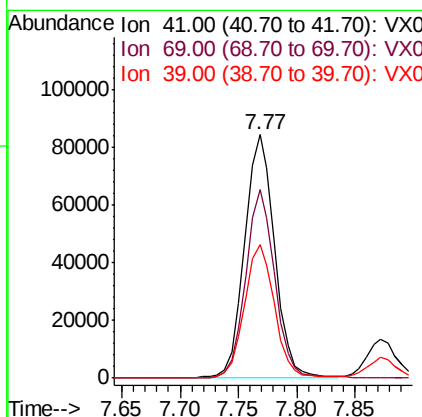
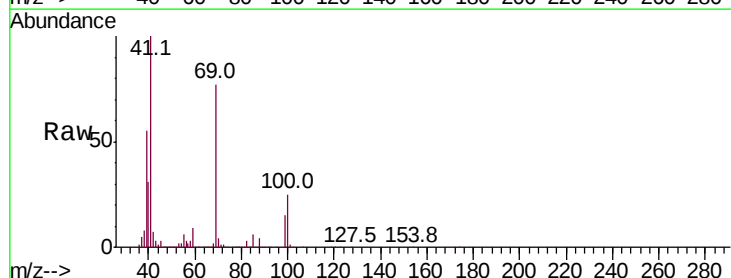
RT: 7.77 min Scan# 1085

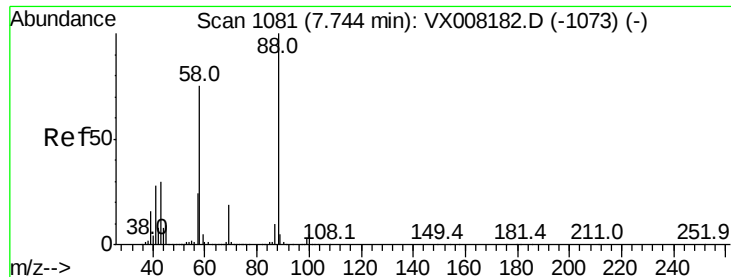
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	41	Resp:	150861
Ion Ratio	Lower	Upper	
41	100		
69	76.0	65.2	97.8
39	55.0	39.4	59.2





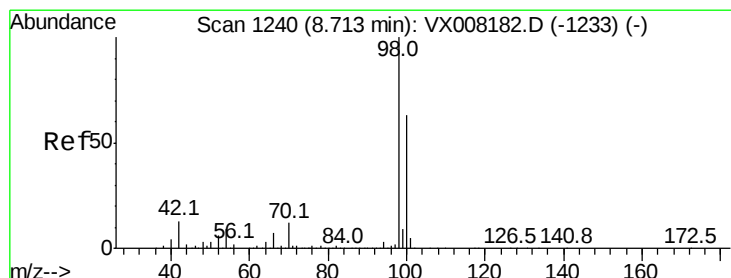
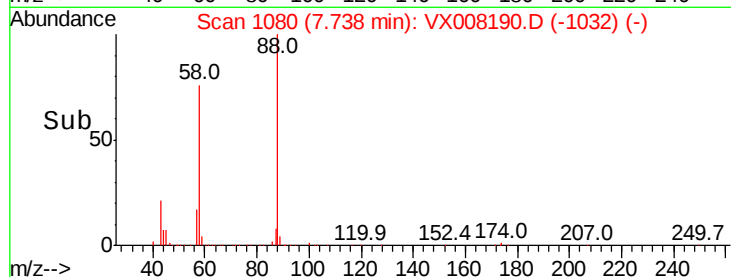
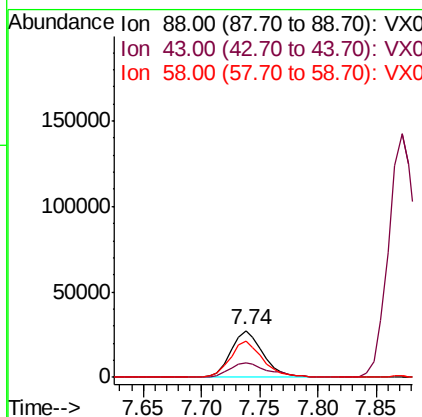
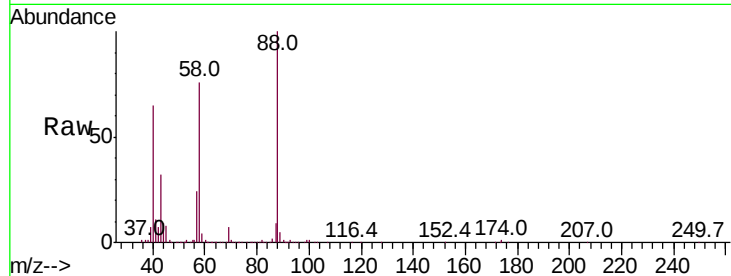
#49
1,4-Dioxane
Concen: 449.437 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	25.1	37.7
58	77.5	57.8	86.6

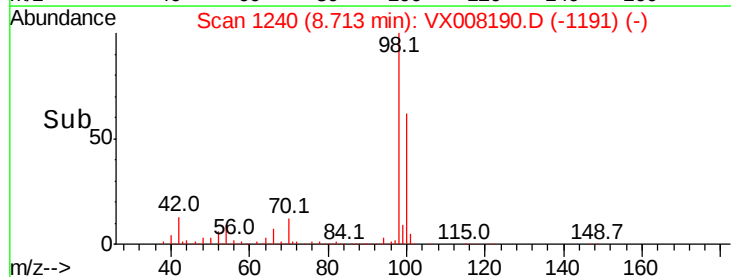
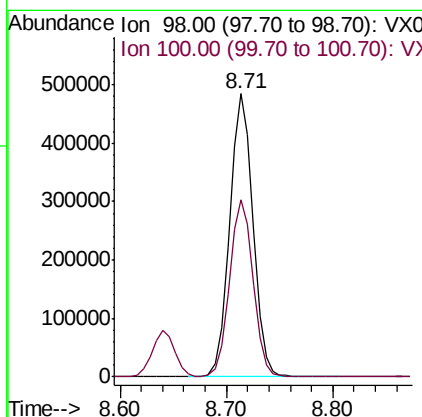
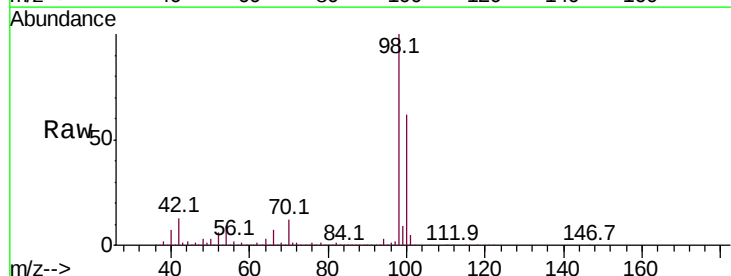
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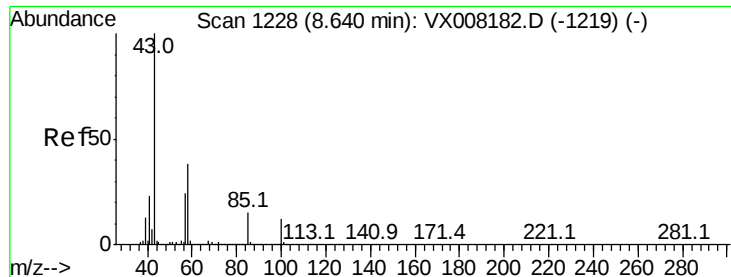
MMDadoda
3/20/2019 10:28:38 AM



#50
Toluene-d8
Concen: 52.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.7	77.5





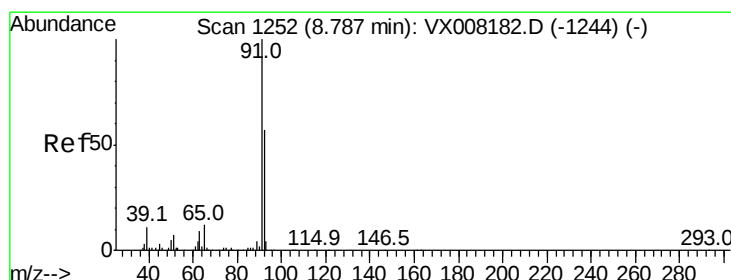
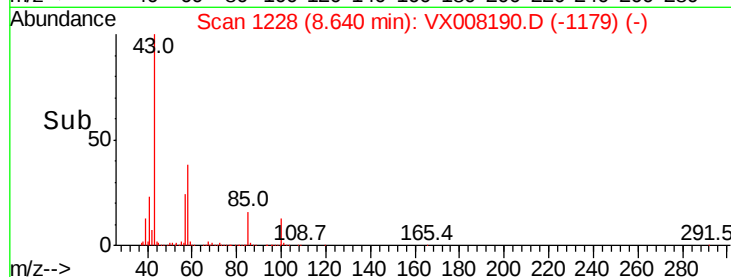
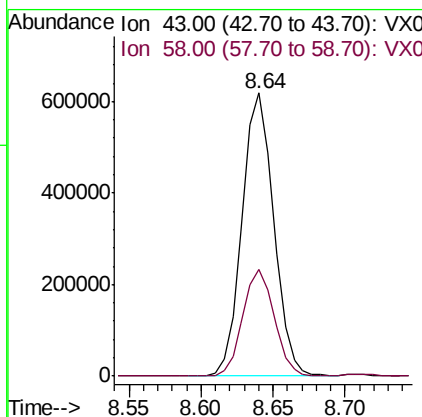
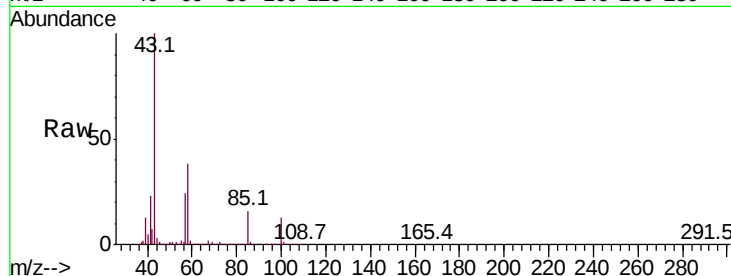
#51
4-Methyl-2-Pentanone
Concen: 117.208 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	31.3	46.9

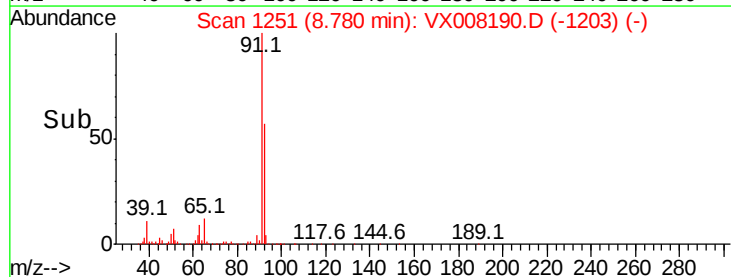
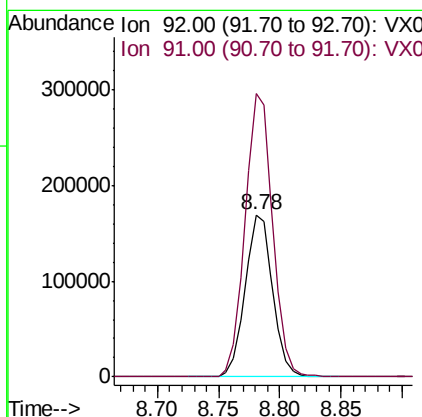
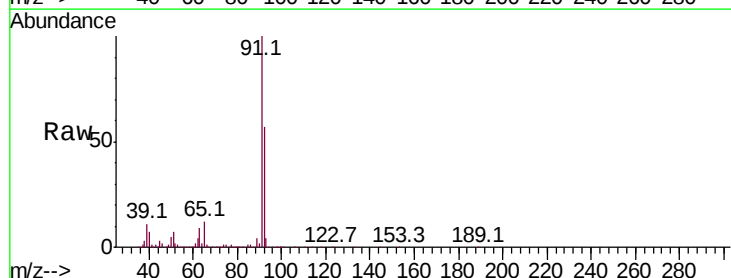
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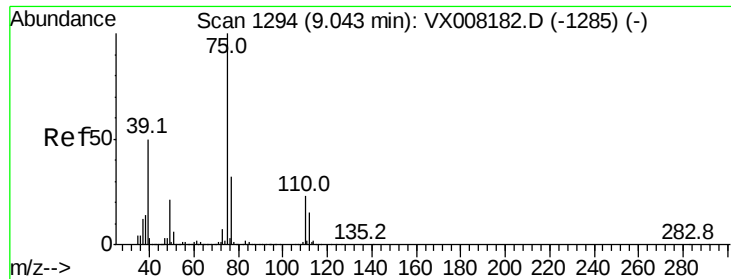
MMDadoda
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#52
Toluene
Concen: 22.910 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	137.4	206.0





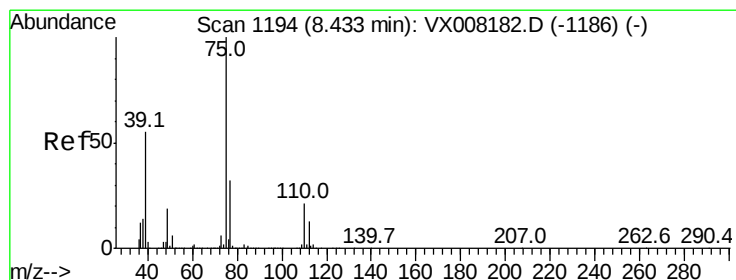
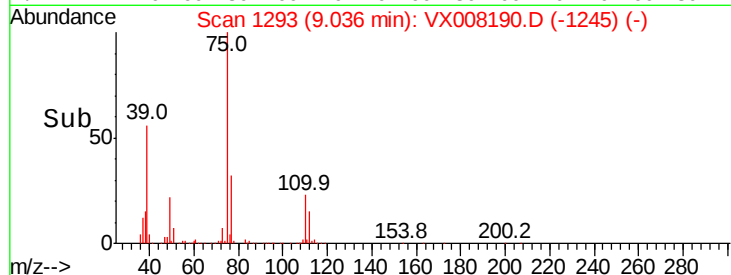
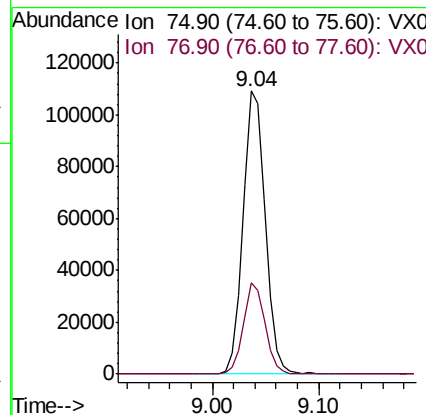
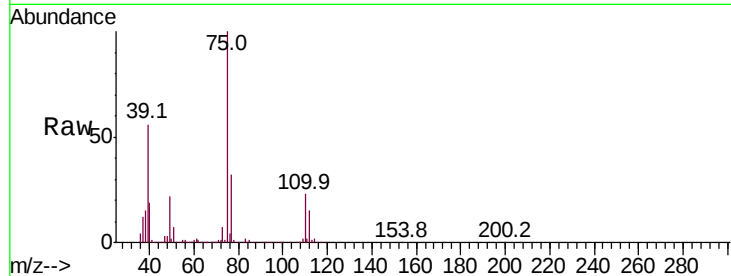
#53
t-1,3-Dichloropropene
Concen: 21.160 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	159680		
77	32.1	25.4	38.0	

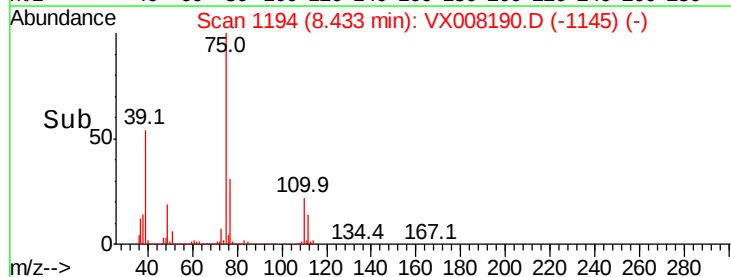
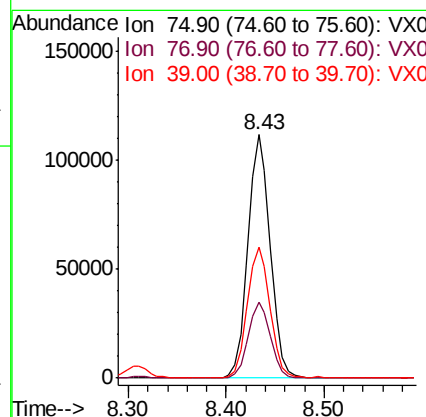
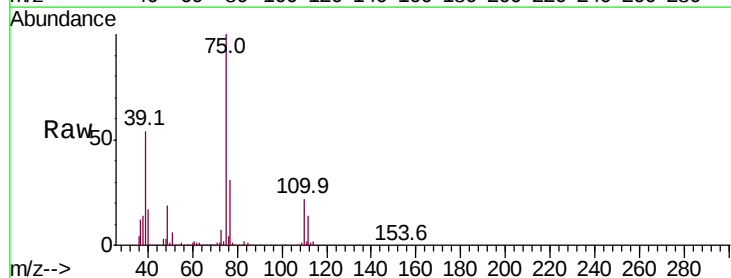
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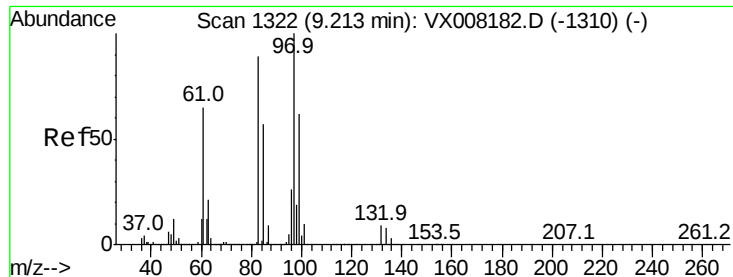
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 22.619 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176186		
77	31.1	25.0	37.6	
39	53.6	36.6	54.8	





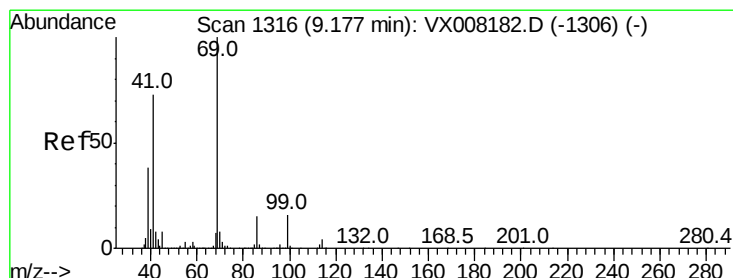
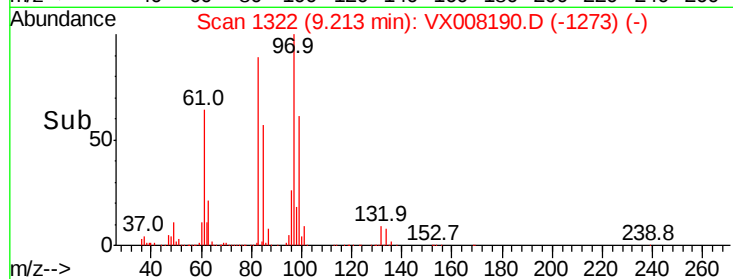
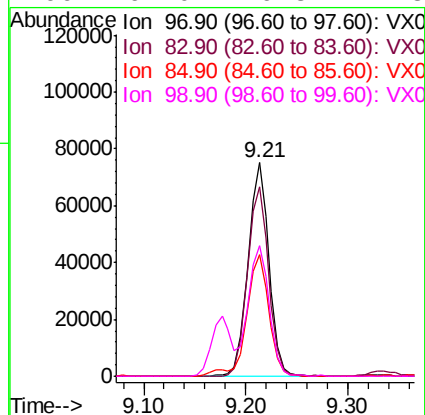
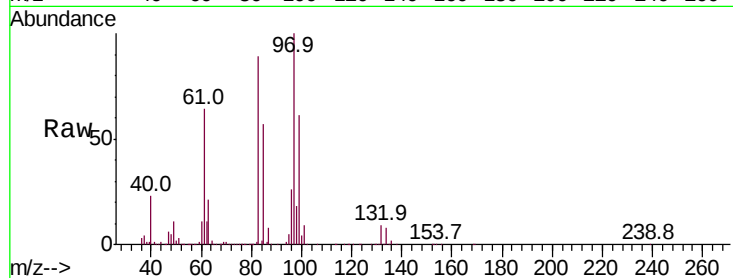
#55
1,1,2-Trichloroethane
Concen: 23.026 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	107237		
83	88.7	69.1	103.7	
85	56.8	44.3	66.5	
99	61.0	49.8	74.8	

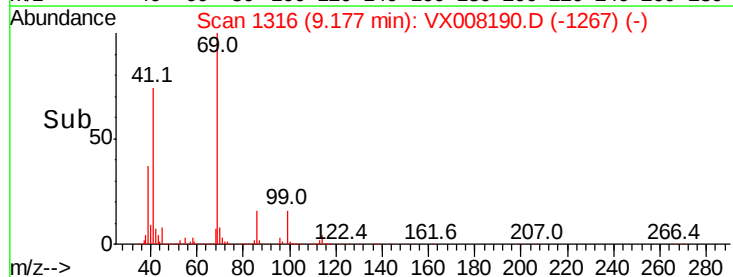
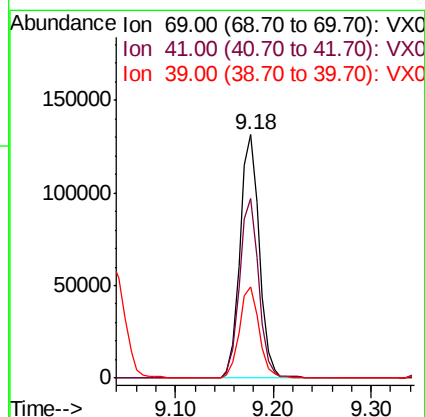
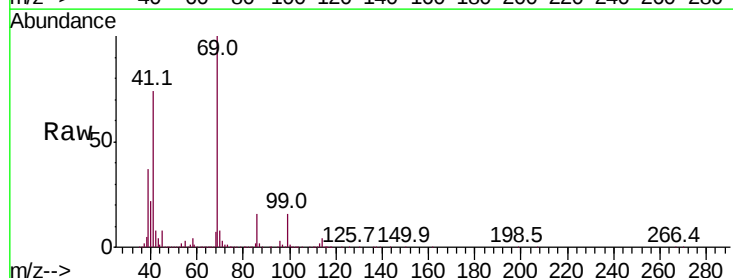
Manual Integrations
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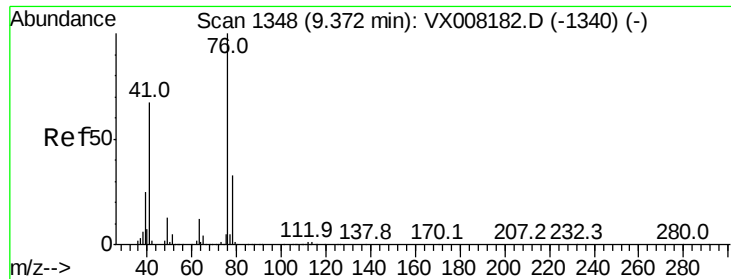
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#56
Ethyl methacrylate
Concen: 22.338 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	180080		
41	73.2	54.2	81.4	
39	37.7	25.0	37.4#	





#57

1,3-Dichloropropane

Concen: 22.842 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 76 Resp: 188191

Ion Ratio Lower Upper

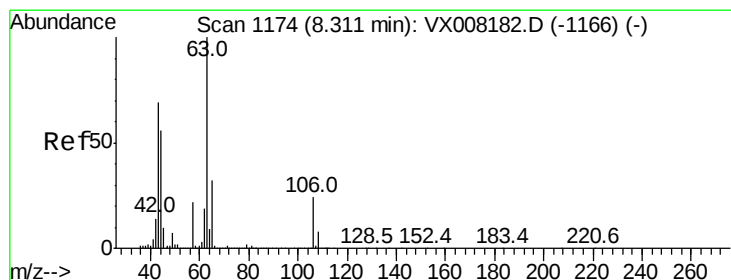
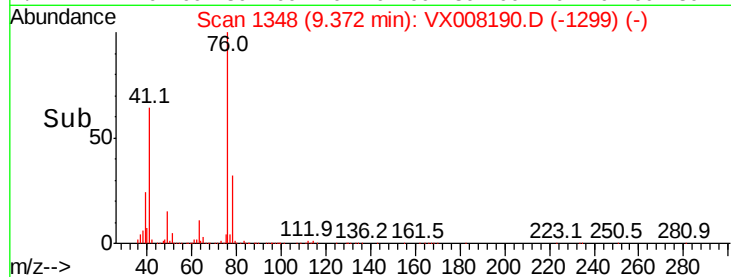
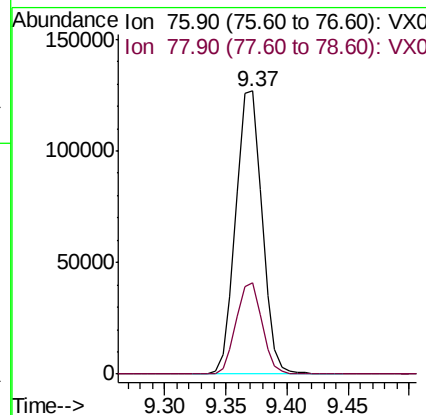
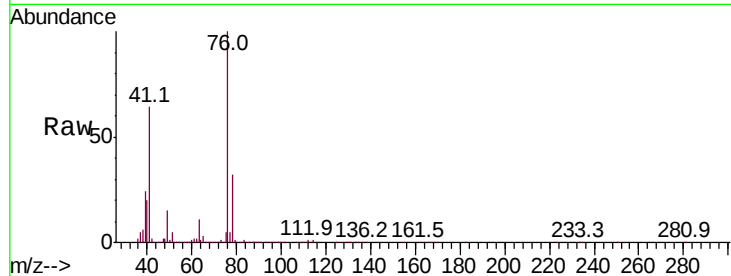
76 100

78 32.0 25.5 38.3

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 102.330 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008190.D

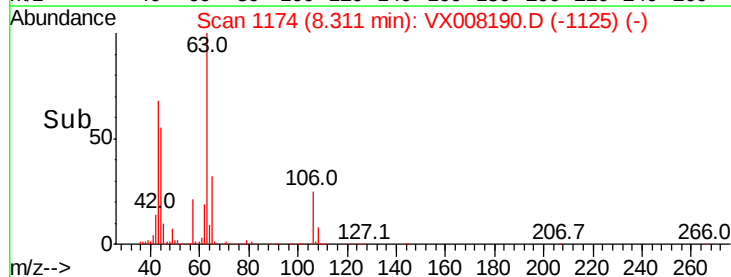
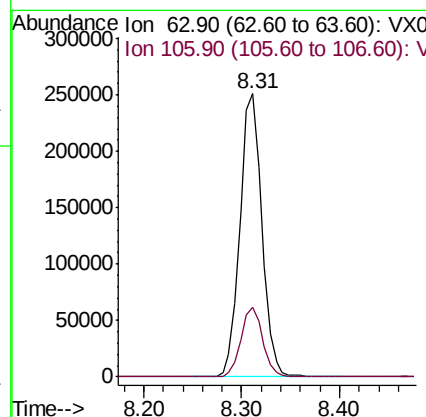
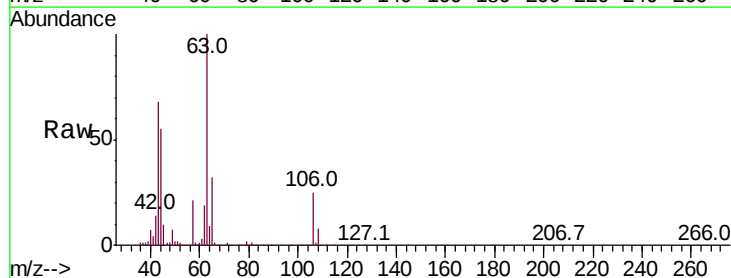
Acq: 19 Mar 2019 14:46

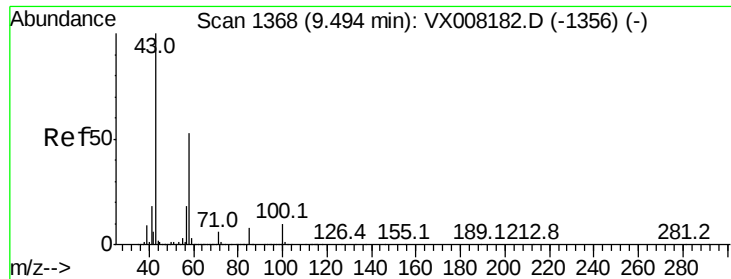
Tgt Ion: 63 Resp: 390479

Ion Ratio Lower Upper

63 100

106 24.5 22.2 33.2





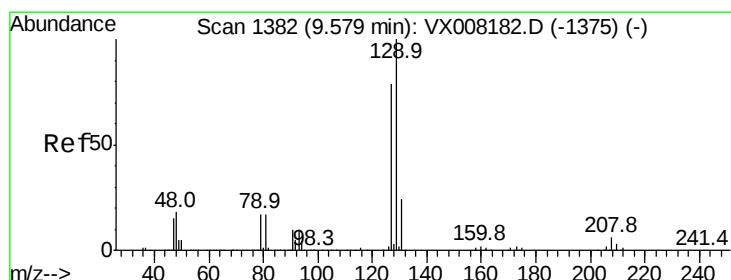
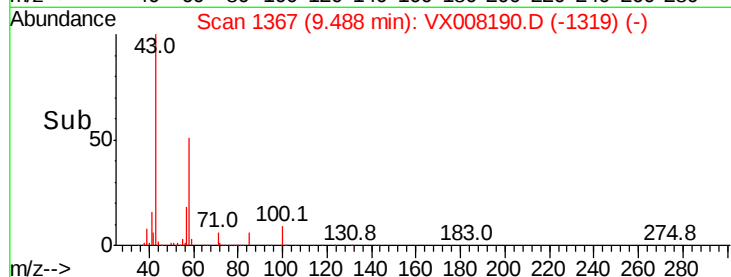
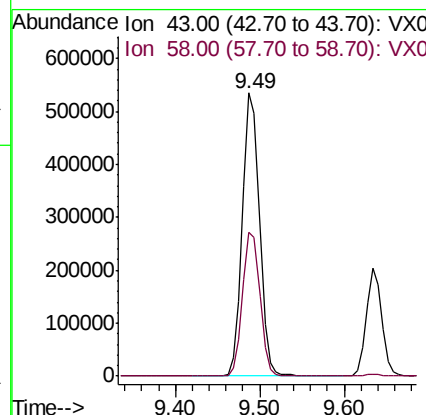
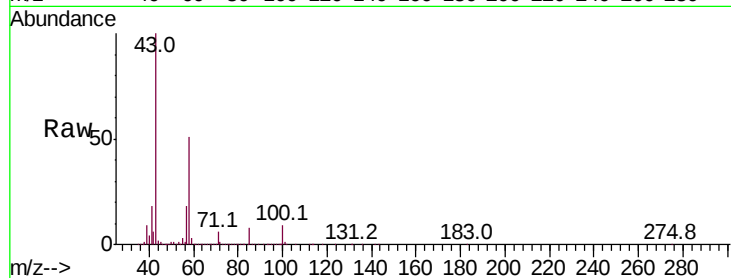
#59
2-Hexanone
Concen: 118.088 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion: 43 Resp: 731070
Ion Ratio Lower Upper
43 100
58 51.9 27.6 82.7

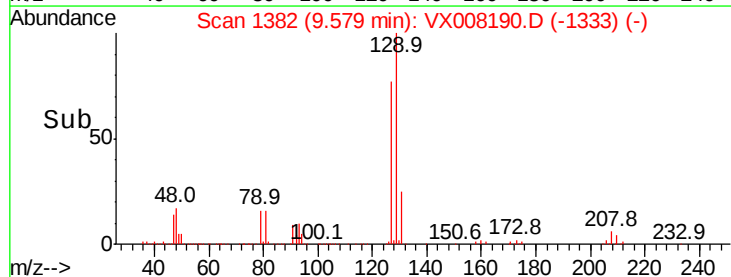
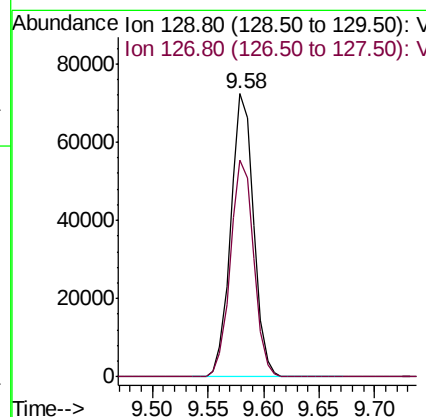
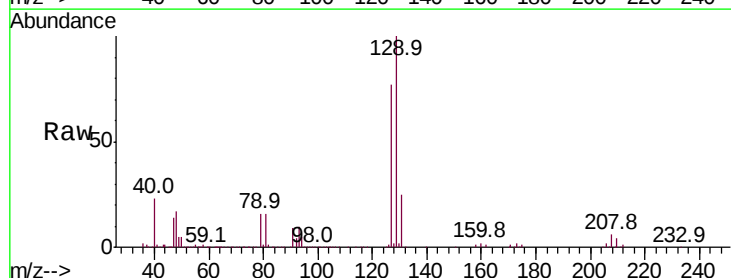
Manual Integrations
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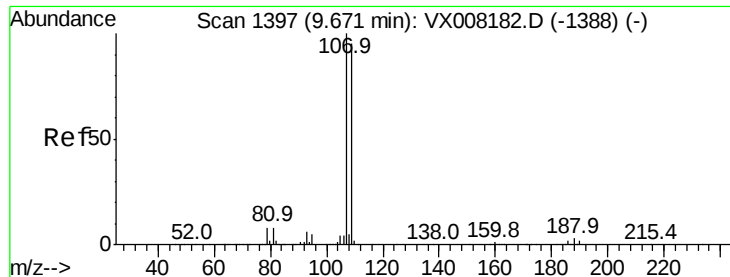
MMDadoda
3/20/2019 10:28:38 AM



#60
Dibromochloromethane
Concen: 22.969 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion: 129 Resp: 102807
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 22.891 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion:107 Resp: 111321

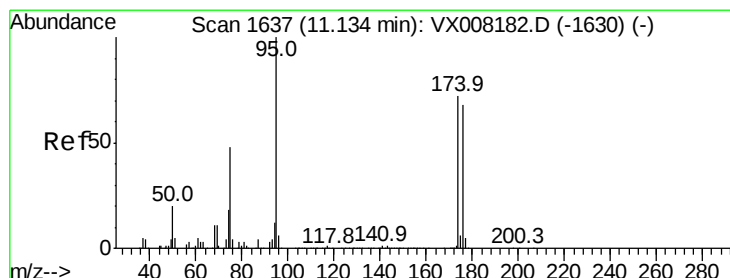
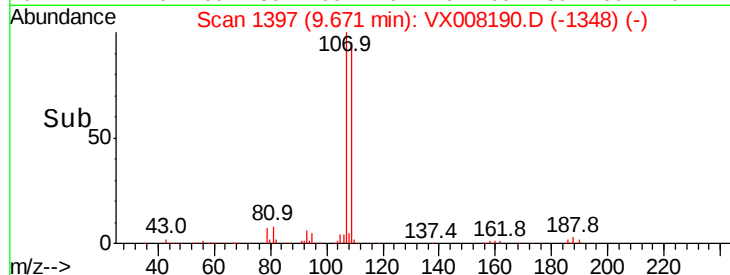
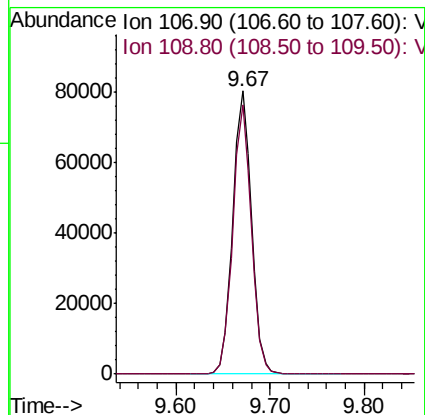
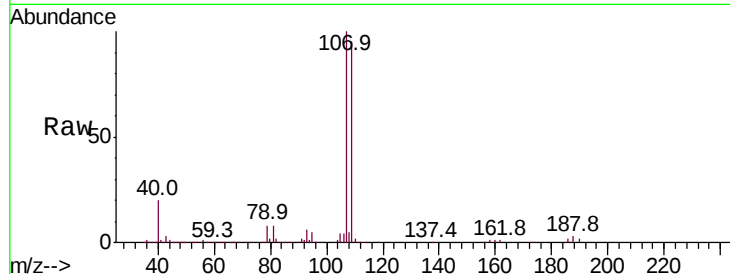
Ion Ratio Lower Upper

107 100

109 94.2 75.8 113.8

Manual Integrations
APPROVED

MMDadoda
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#62

4-Bromofluorobenzene

Concen: 54.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

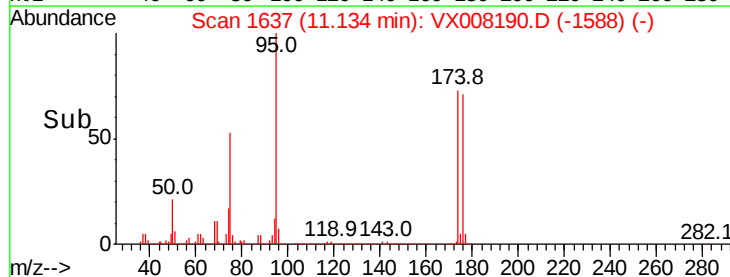
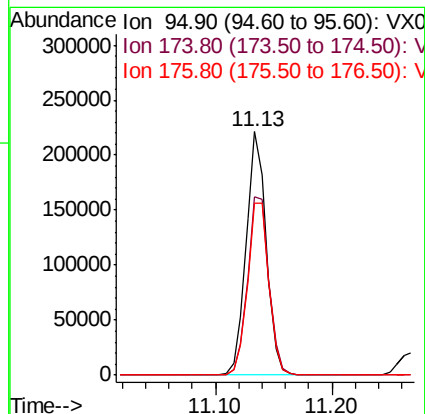
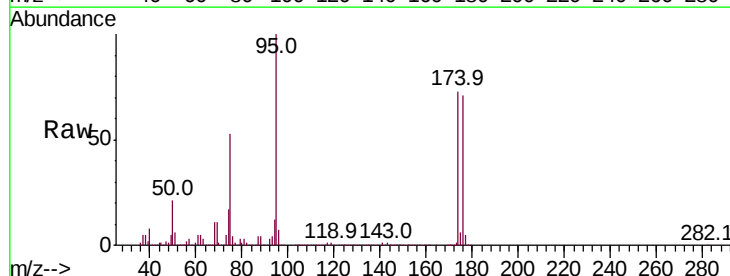
Tgt Ion: 95 Resp: 266332

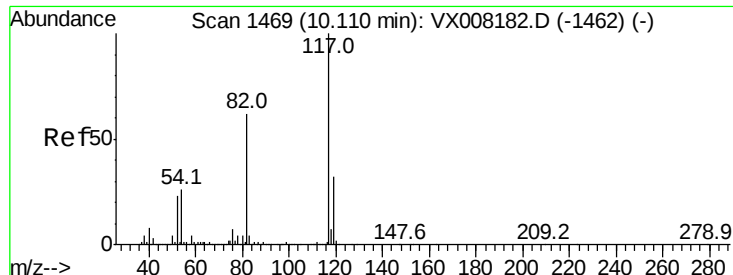
Ion Ratio Lower Upper

95 100

174 78.0 0.0 182.8

176 75.5 0.0 178.0





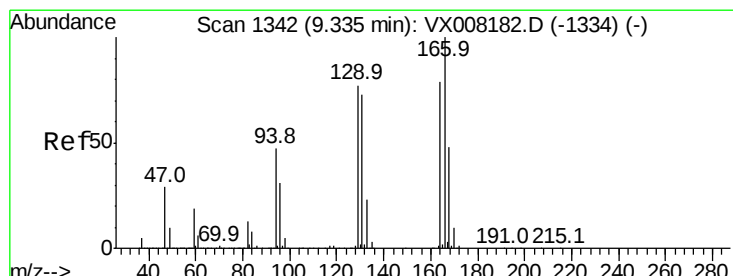
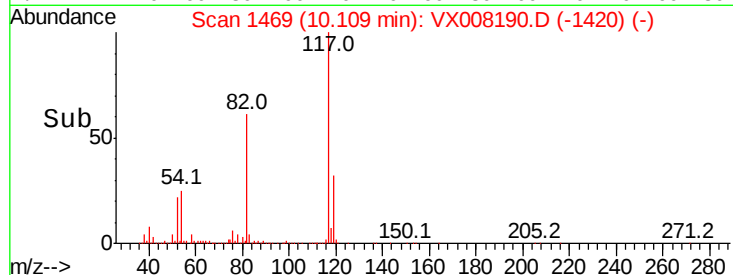
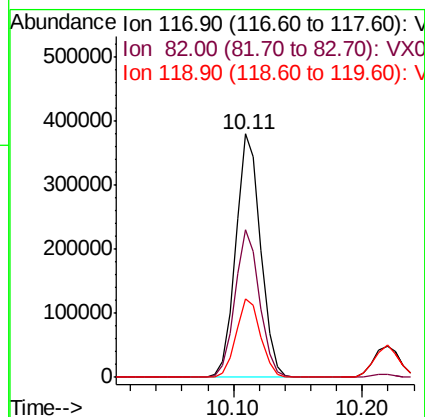
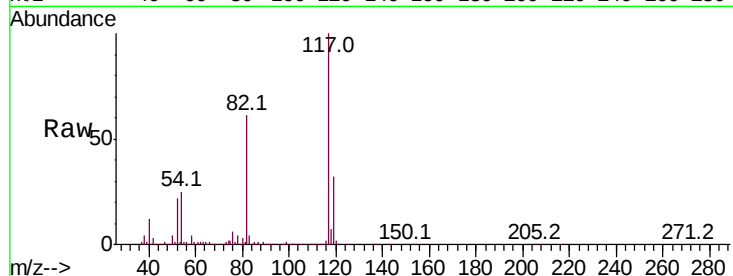
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	60.7	44.3	66.5	
119	32.3	25.3	37.9	

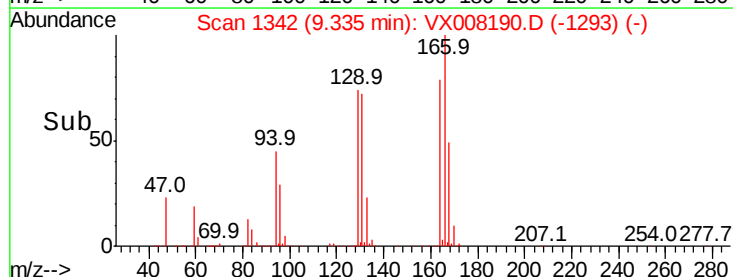
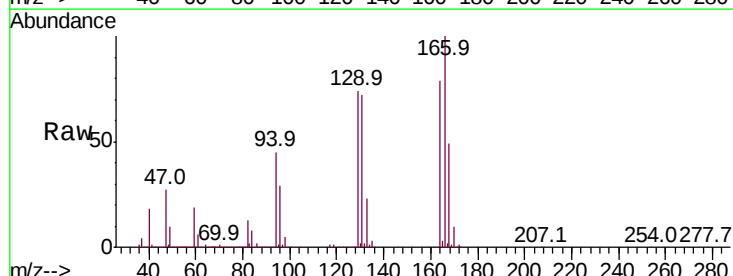
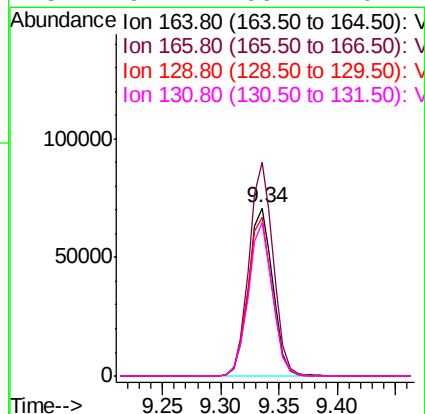
Manual Integrations
APPROVED

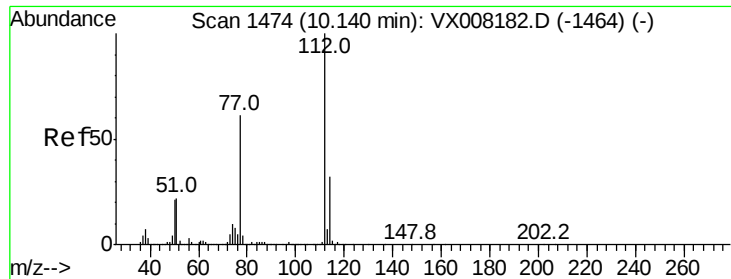
MMDadoda
3/20/2019 10:28:38 AM



#64
Tetrachloroethene
Concen: 22.386 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.3	103.4	155.0	
129	94.7	72.2	108.4	
131	91.4	69.4	104.2	





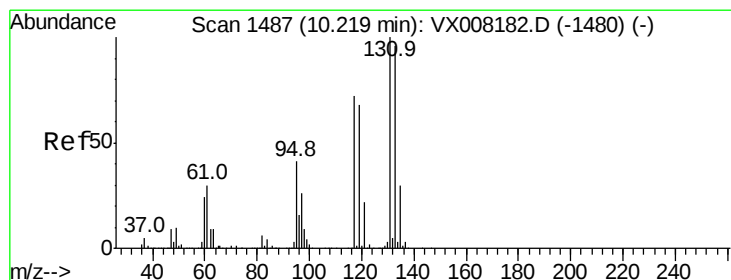
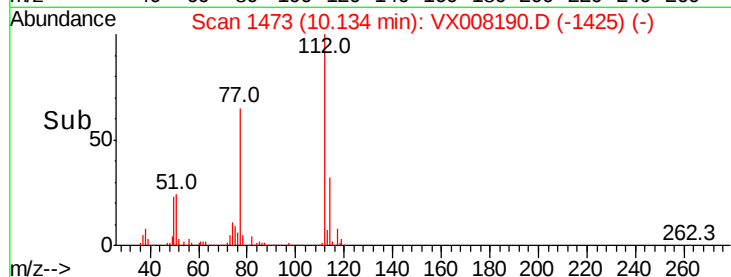
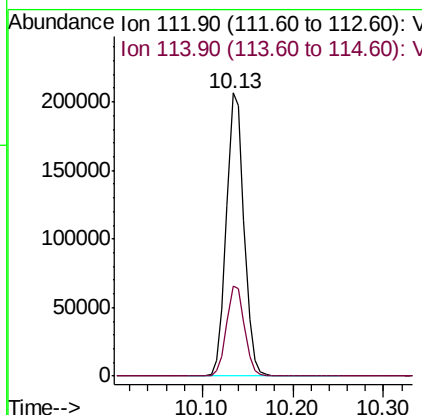
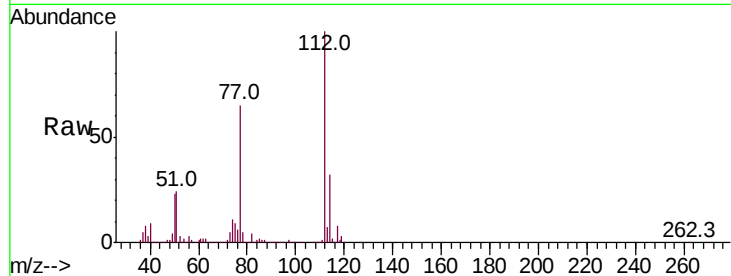
#65
Chlorobenzene
Concen: 22.284 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion:112 Resp: 279540
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

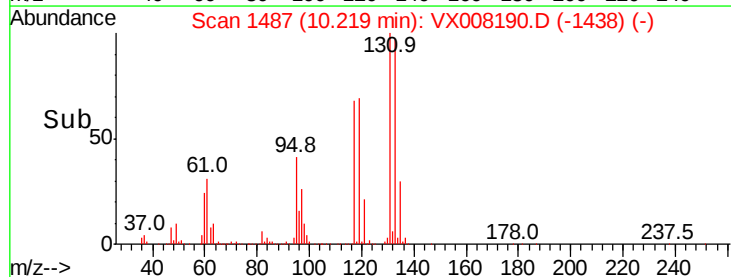
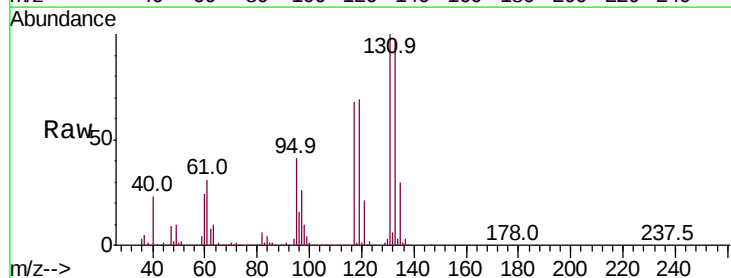
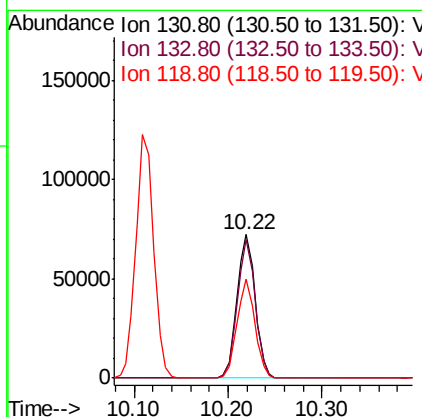
Manual Integrations
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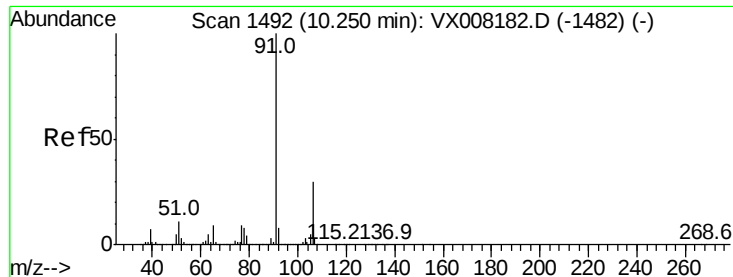
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.211 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion:131 Resp: 97146
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 68.0 32.5 97.5





#67

Ethyl Benzene

Concen: 22.848 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 91 Resp: 505078

Ion Ratio Lower Upper

91 100

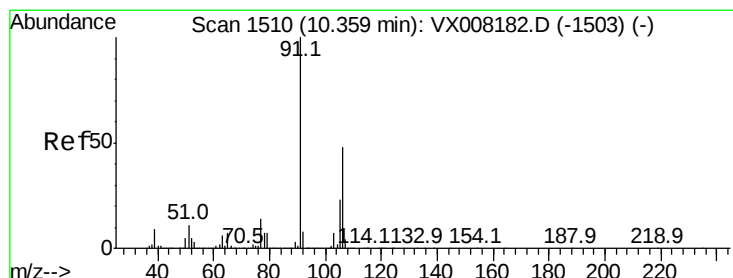
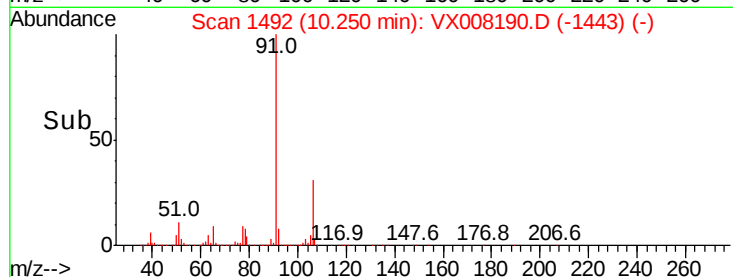
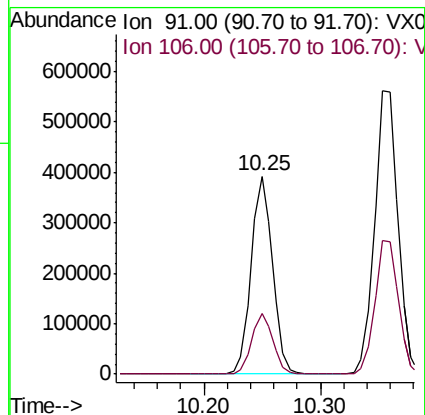
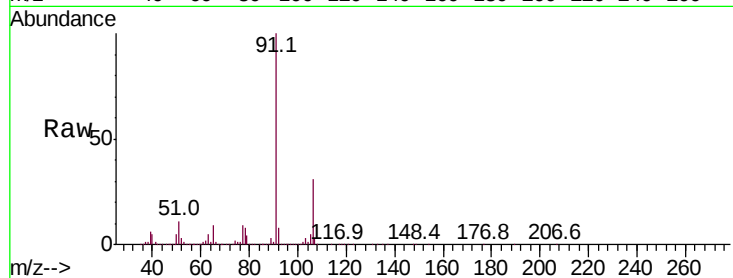
106 30.6 25.2 37.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 45.795 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008190.D

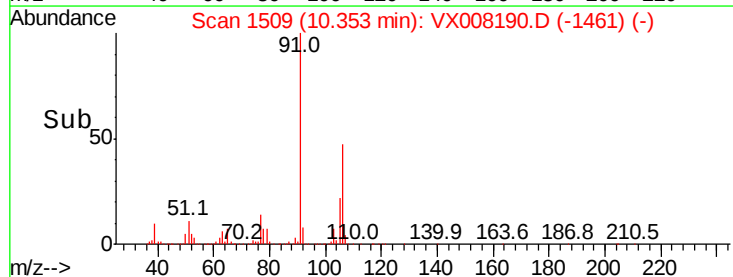
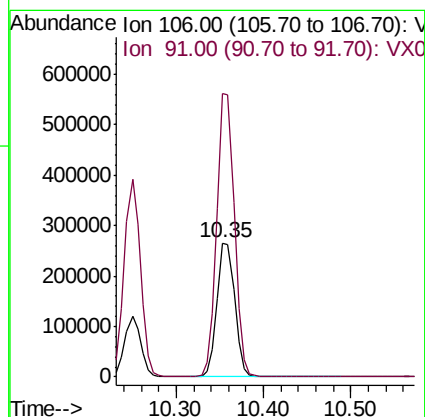
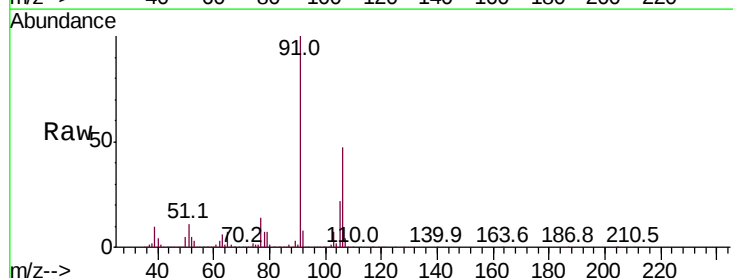
Acq: 19 Mar 2019 14:46

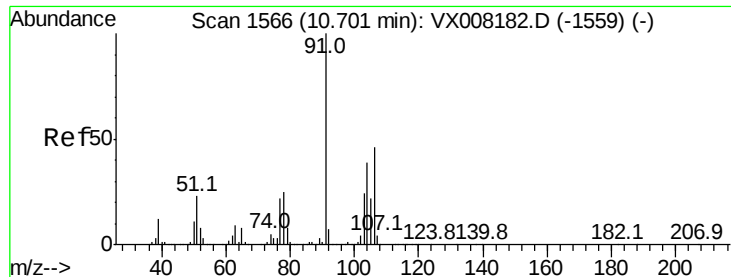
Tgt Ion: 106 Resp: 371869

Ion Ratio Lower Upper

106 100

91 210.1 159.8 239.6





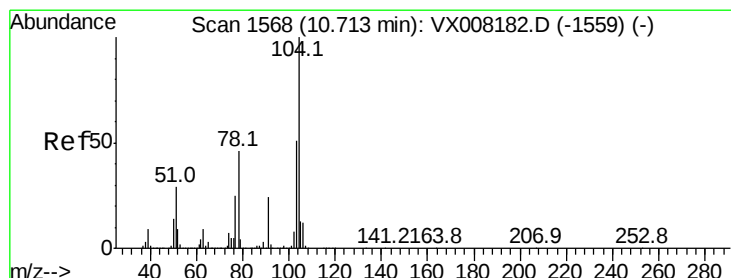
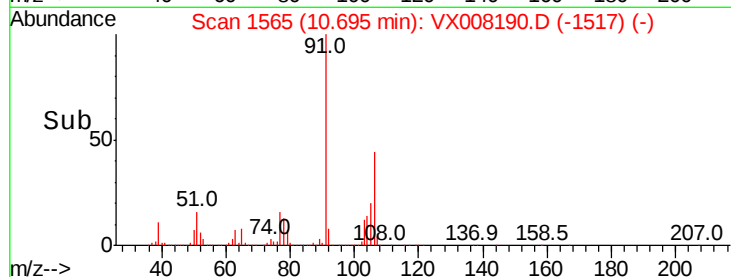
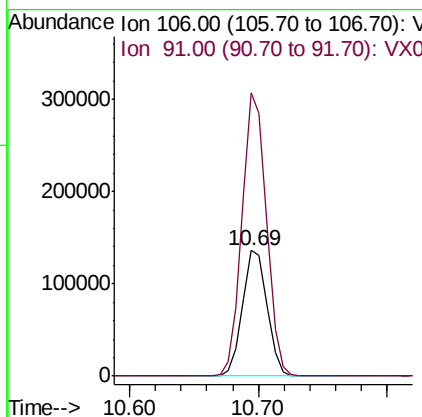
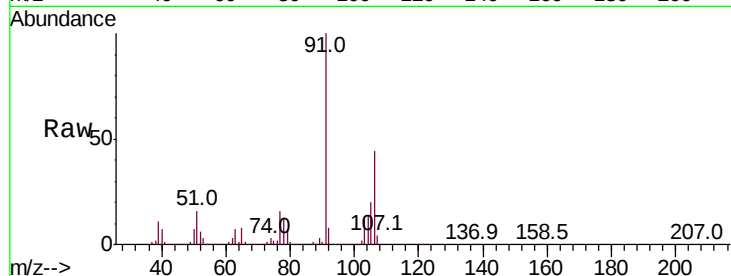
#69
o-Xylene
Concen: 22.779 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.0	106.3	318.9

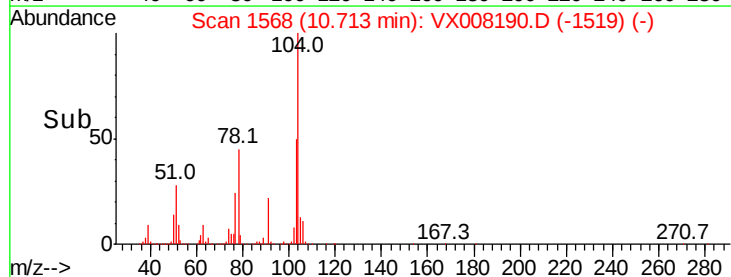
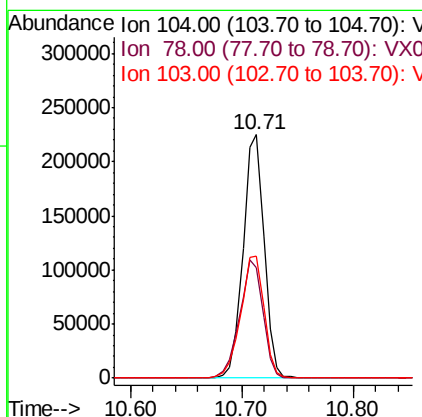
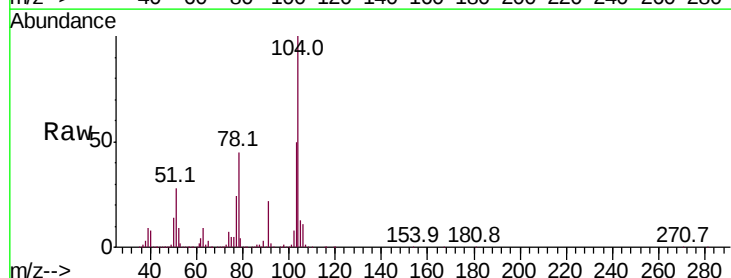
Manual Integrations
APPROVED

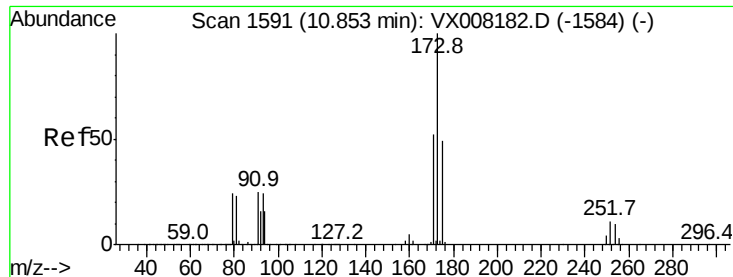
MMDadoda
3/20/2019 10:28:38 AM



#70
Styrene
Concen: 23.009 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.5	57.7
103	55.7	44.1	66.1





#71

Bromoform

Concen: 21.110 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

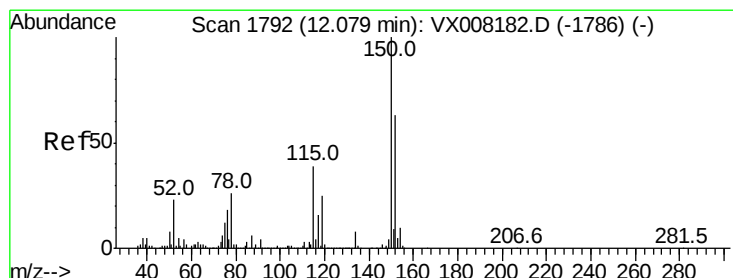
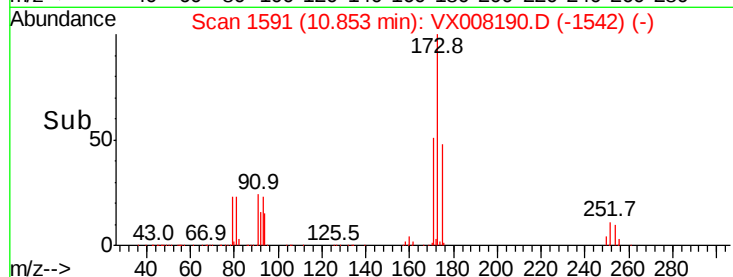
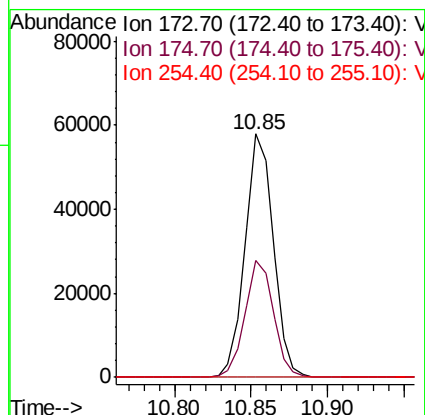
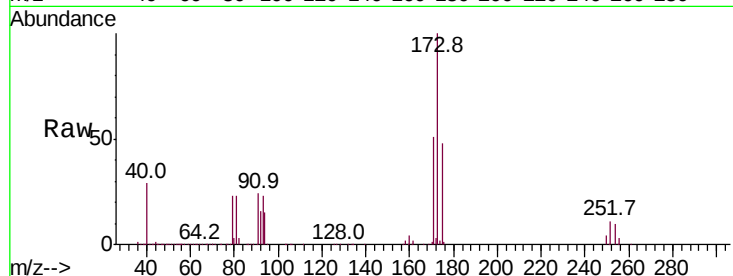
ClientSampleId :

VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	48.6	24.3	72.9	
254	0.3	0.1	0.1#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

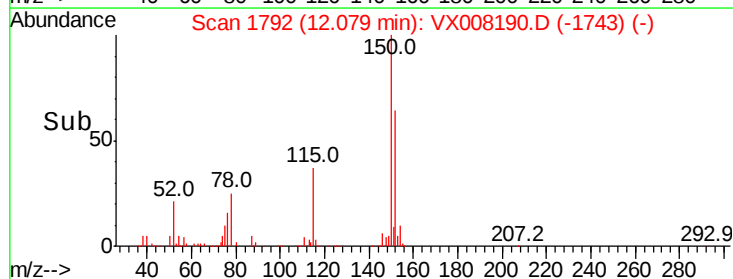
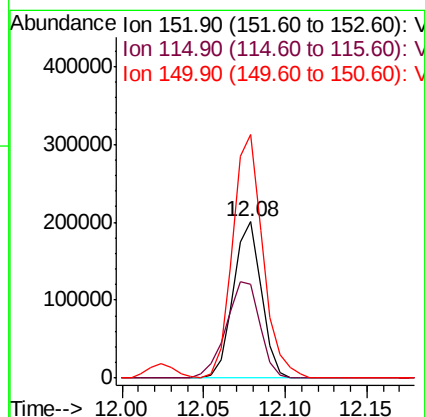
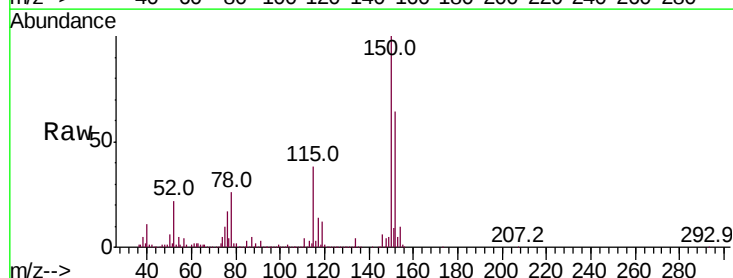
RT: 12.08 min Scan# 1792

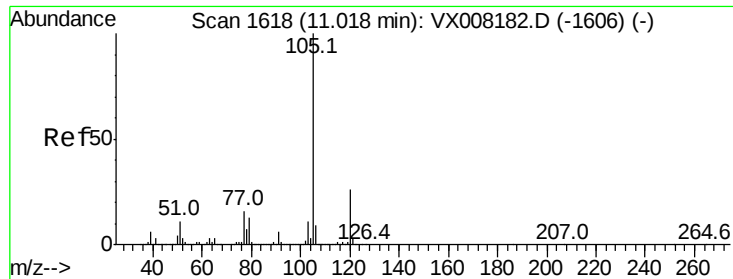
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	74.5	38.6	115.7	
150	167.2	0.0	348.4	





#73

Isopropylbenzene

Concen: 22.987 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 105 Resp: 493229

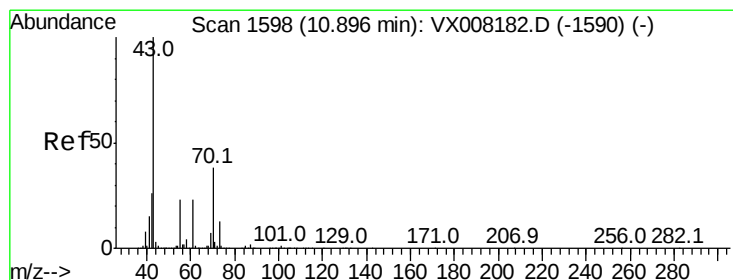
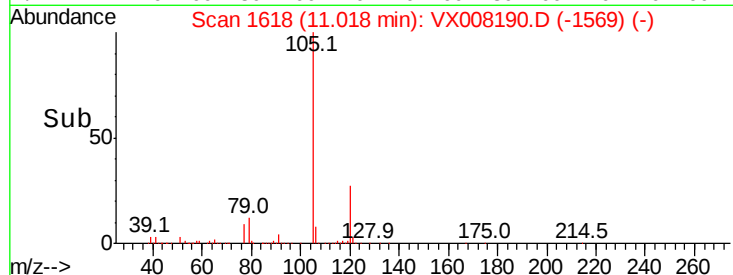
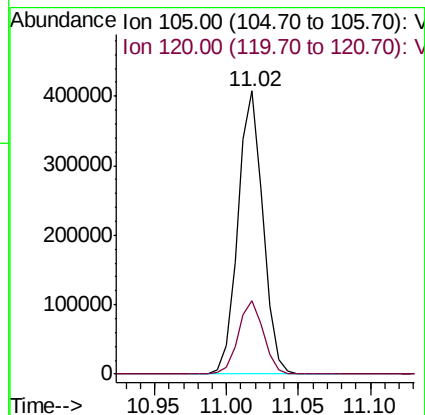
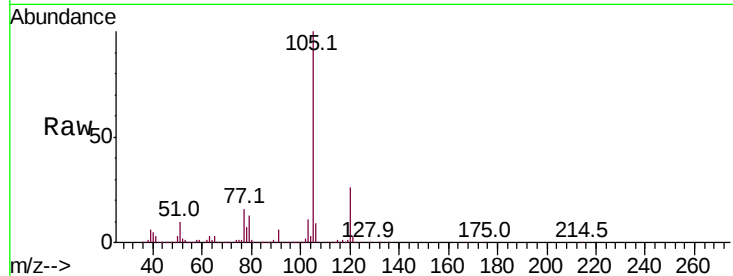
Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 22.583 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion: 43 Resp: 253882

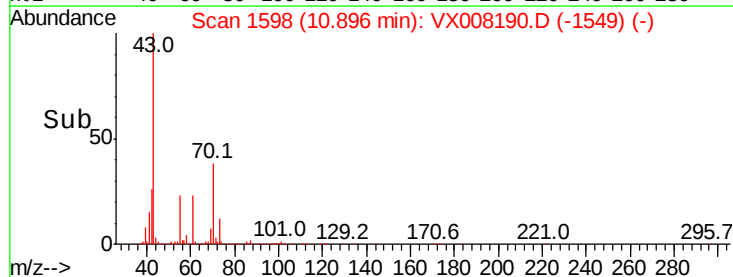
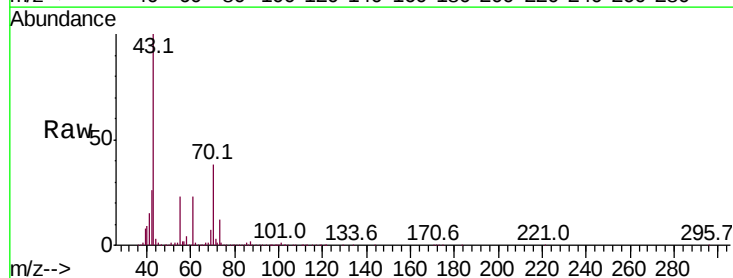
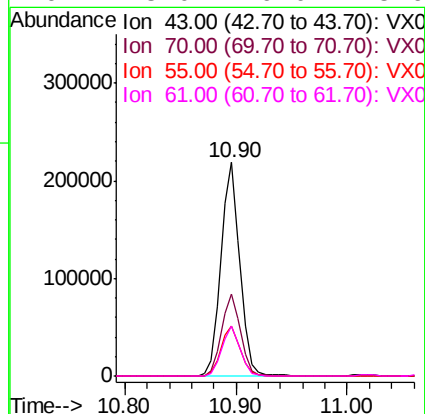
Ion Ratio Lower Upper

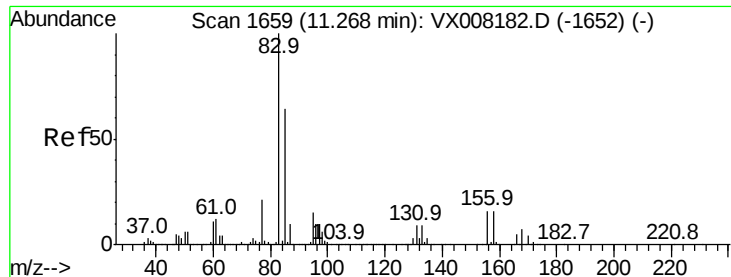
43 100

70 39.3 33.5 50.3

55 24.0 19.2 28.8

61 23.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.926 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

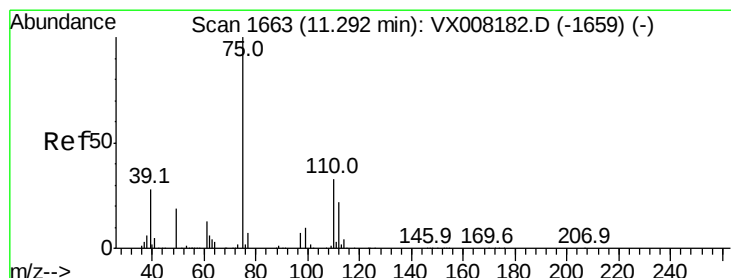
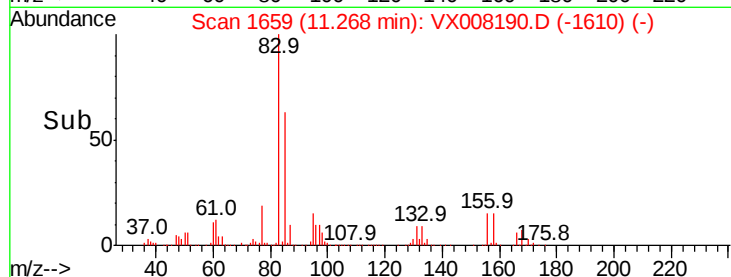
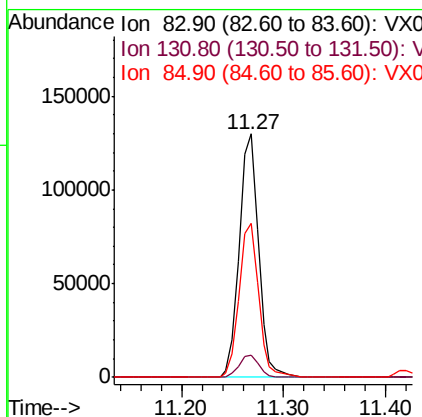
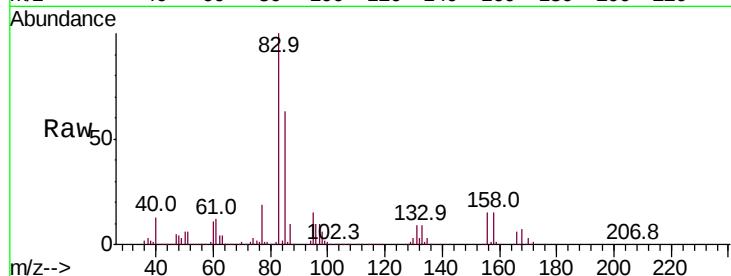
ClientSampleId :

VX0319WBSD01

Tot Ion:	83	Resp:	168699
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.4	16.2
85	64.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.805 ug/l m

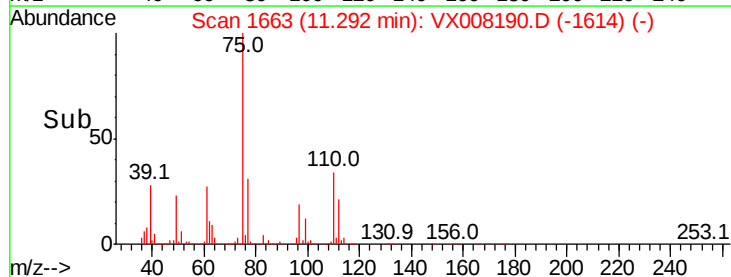
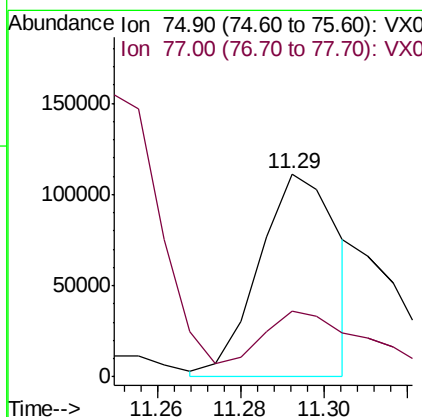
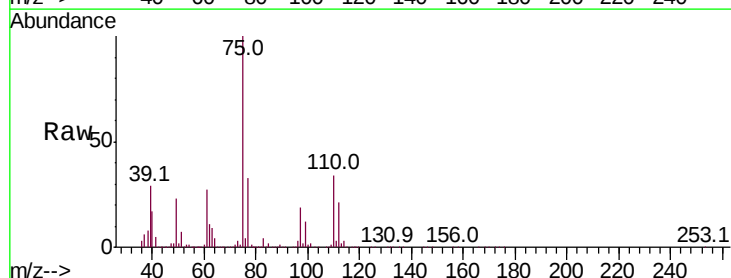
RT: 11.29 min Scan# 1663

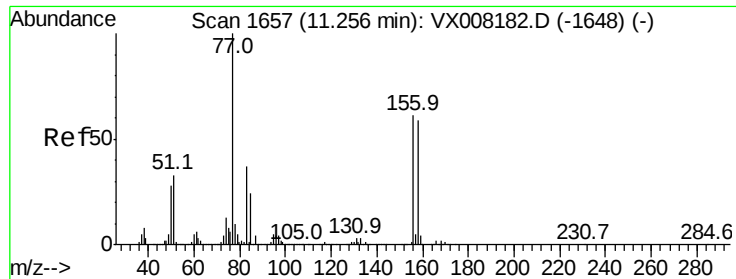
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	75	Resp:	147635
Ion Ratio	Lower	Upper	
75	100		
77	44.1	18.9	56.7





#77

Bromobenzene

Concen: 22.016 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

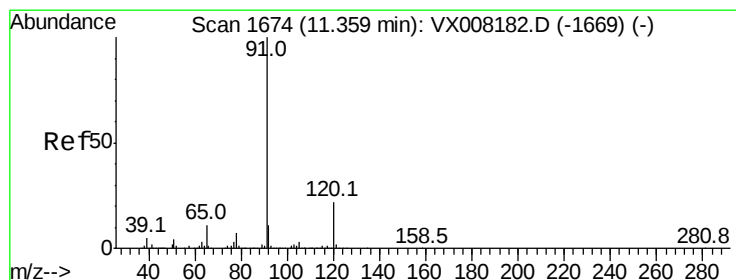
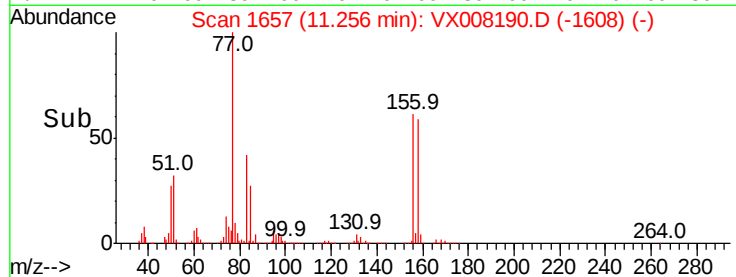
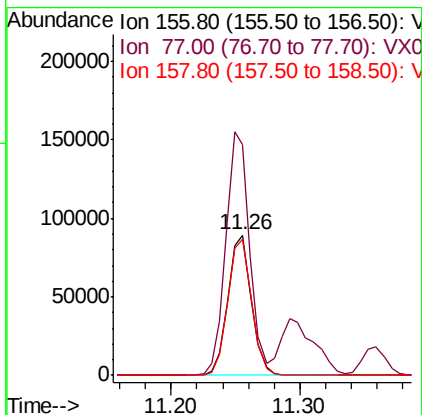
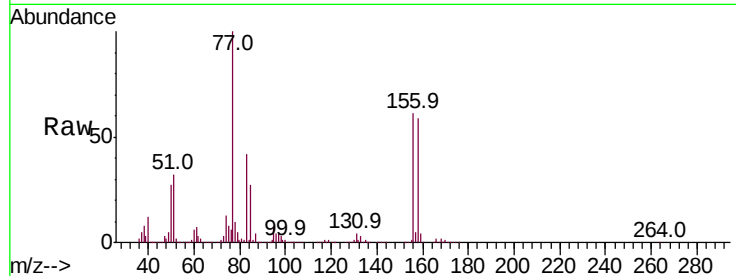
ClientSampleId :

VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	175.9	72.0	215.9
158	98.2	48.6	145.9

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#78

n-propylbenzene

Concen: 23.184 ug/l

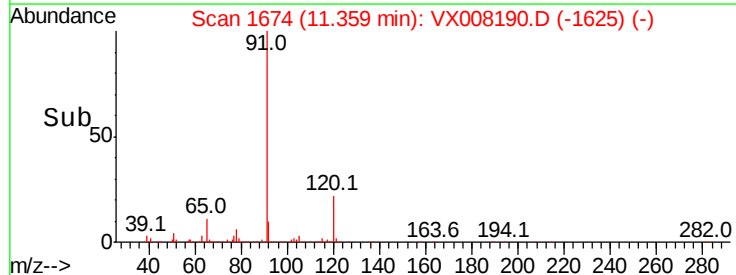
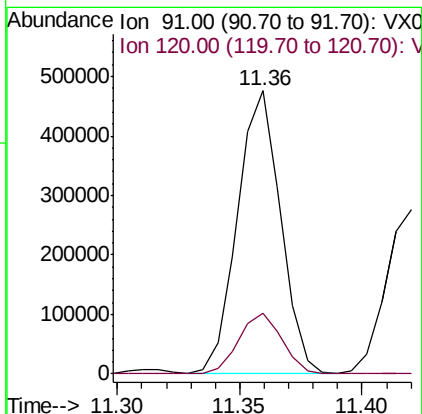
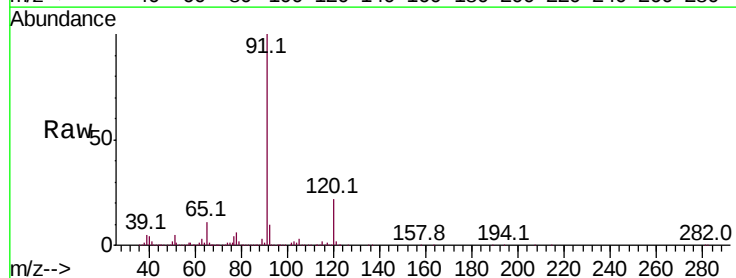
RT: 11.36 min Scan# 1674

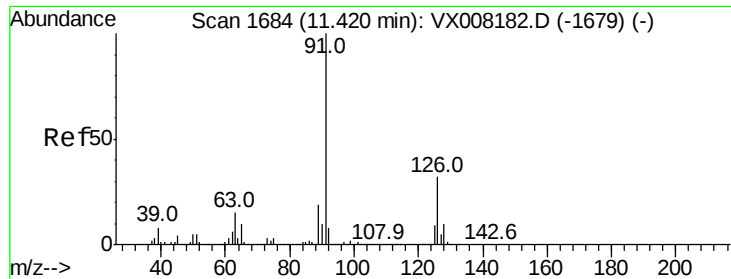
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 22.788 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion: 91 Resp: 340868

Ion Ratio Lower Upper

91 100

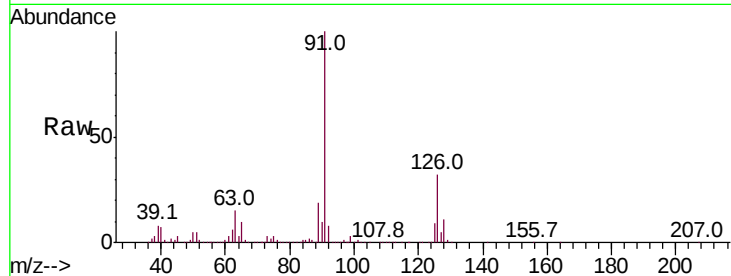
126 31.7 17.5 52.6

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Abundance Ion 91.00 (90.70 to 91.70): VX008182.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008182.D (-1679) (-)

500000

400000

300000

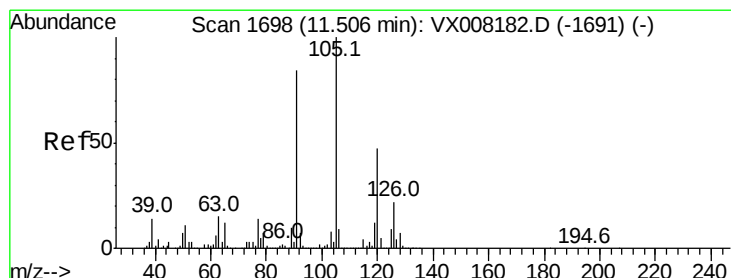
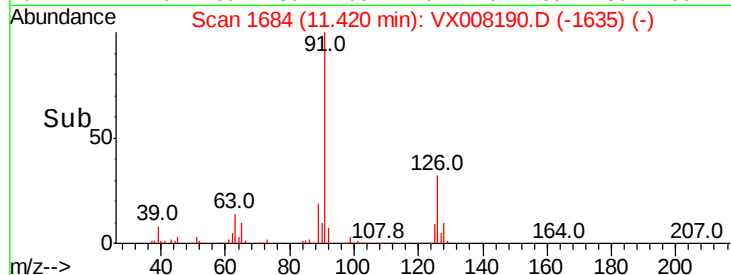
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 23.017 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008190.D

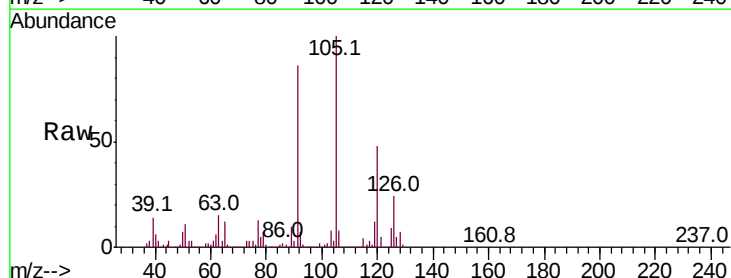
Acq: 19 Mar 2019 14:46

Tgt Ion:105 Resp: 408018

Ion Ratio Lower Upper

105 100

120 47.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008182.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX008182.D (-1691) (-)

400000

300000

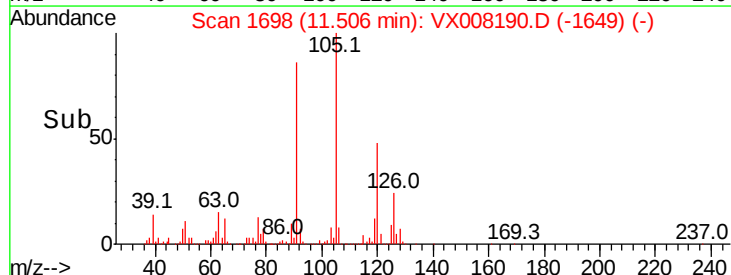
200000

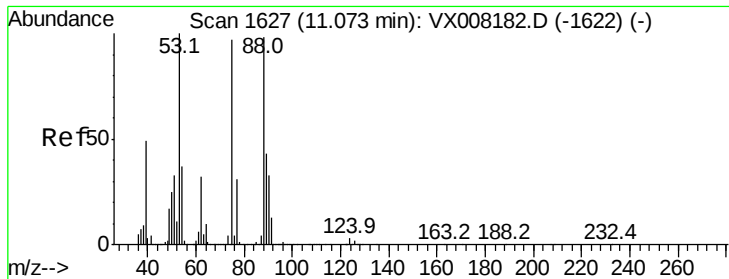
100000

0

11.50 11.60

Time-->





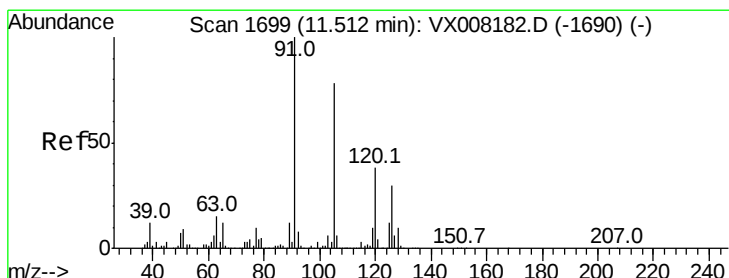
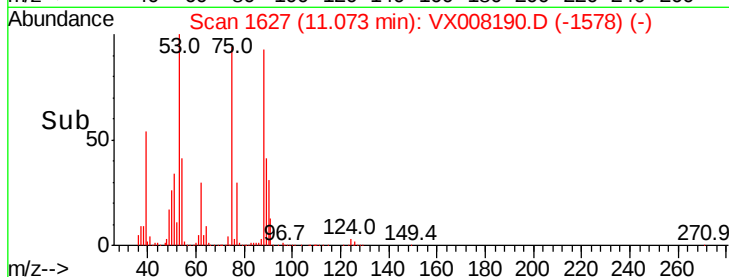
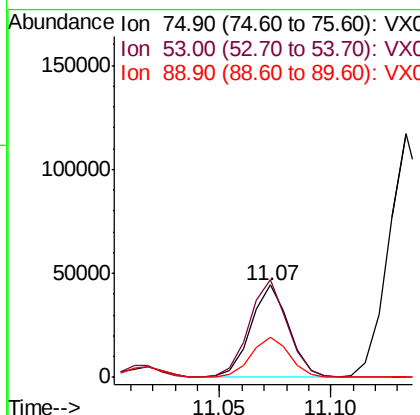
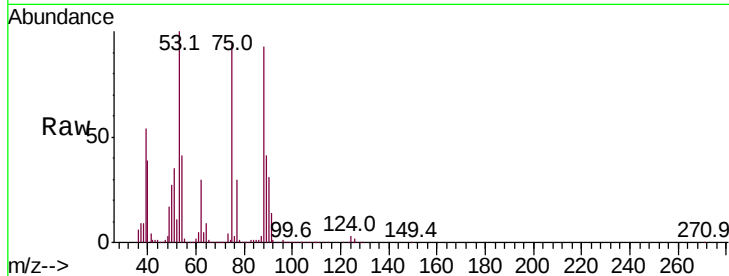
#81
trans-1,4-Dichloro-2-butene
Concen: 20.424 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.4	76.1	114.1
89	45.2	36.3	54.5

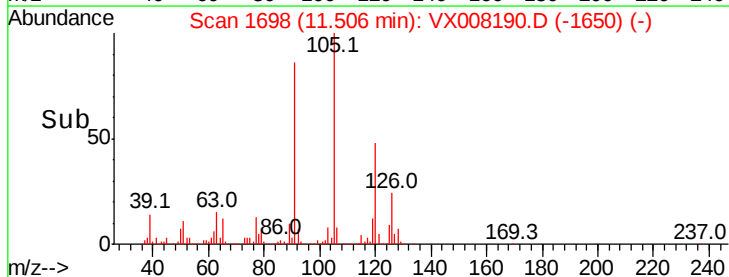
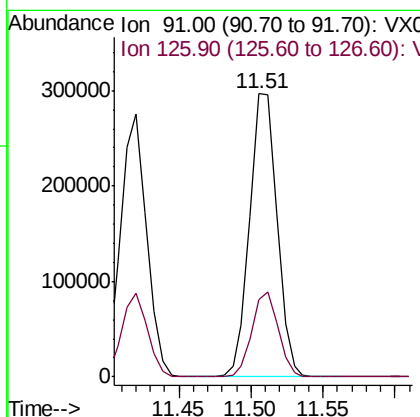
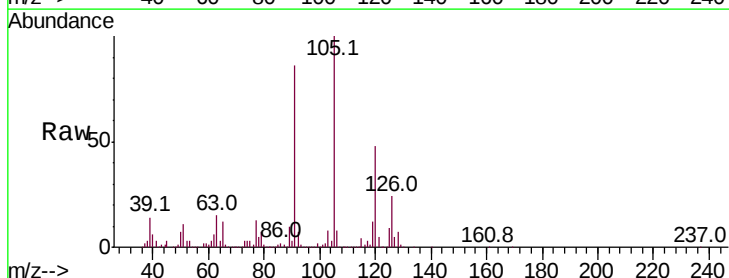
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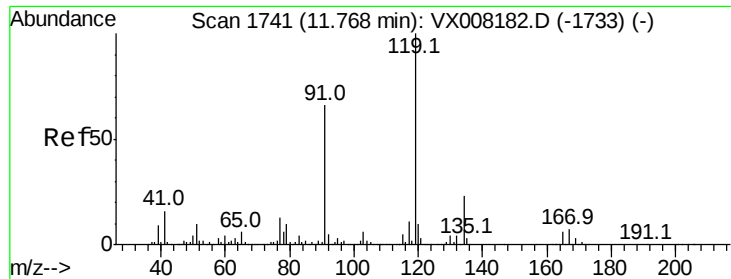
MMDadoda
3/20/2019 10:28:38 AM



#82
4-Chlorotoluene
Concen: 22.396 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	15.6	46.8





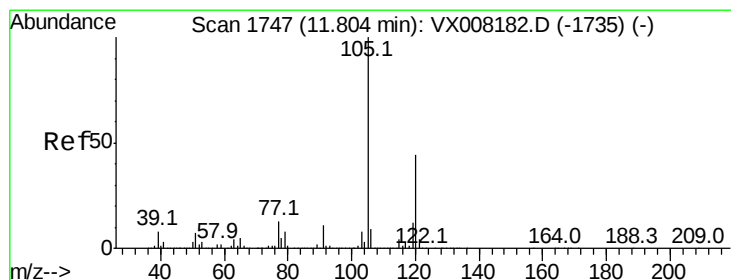
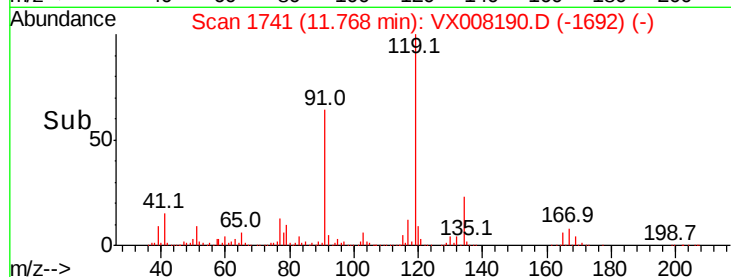
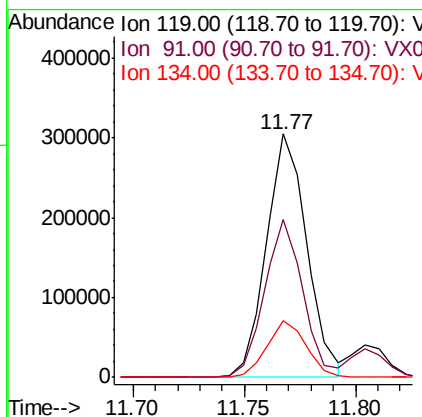
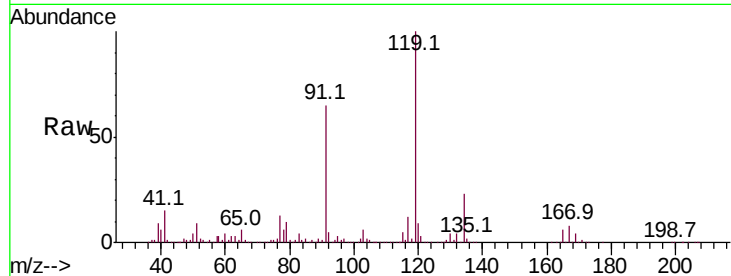
#83
tert-Butylbenzene
Concen: 22.759 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	385192		
91	61.4	27.1	81.3	
134	22.7	11.4	34.1	

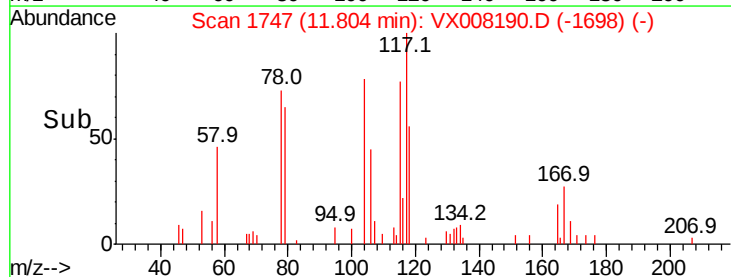
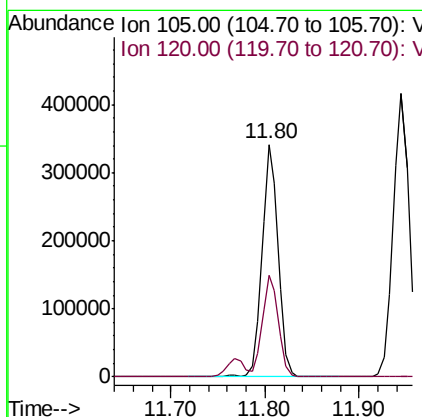
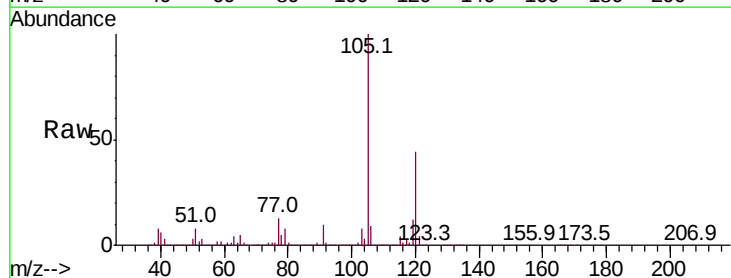
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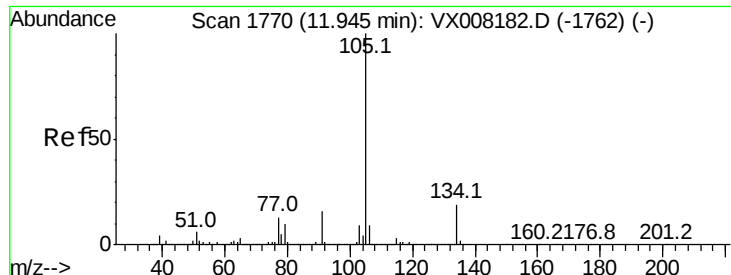
MMDadoda
3/20/2019 10:28:38 AM



#84
1,2,4-Trimethylbenzene
Concen: 22.950 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412452		
120	43.2	22.6	67.7	





#85

sec-Butylbenzene

Concen: 23.444 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tot Ion:105 Resp: 491372

Ion Ratio Lower Upper

105 100

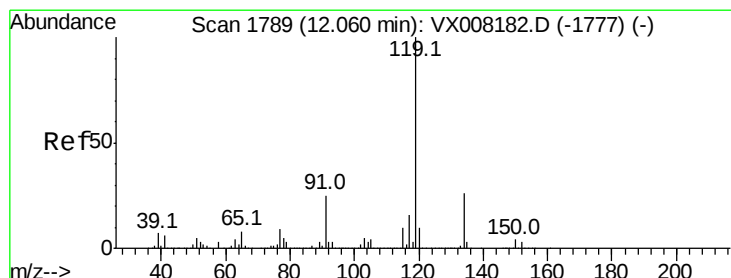
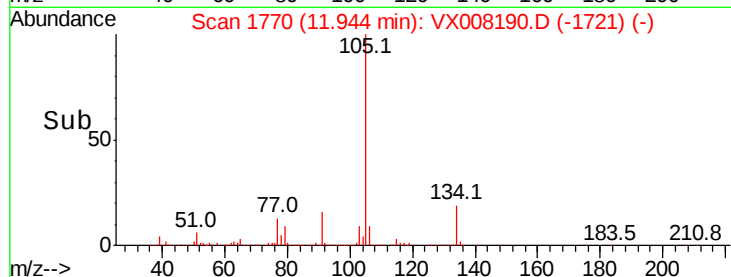
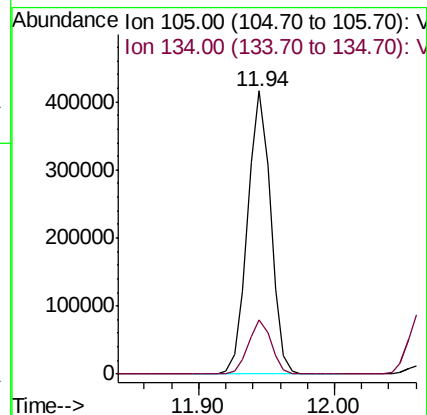
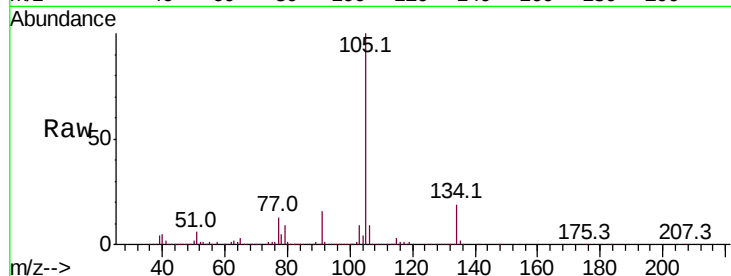
134 19.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 23.528 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

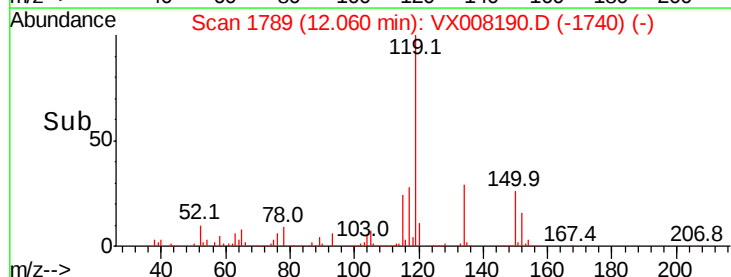
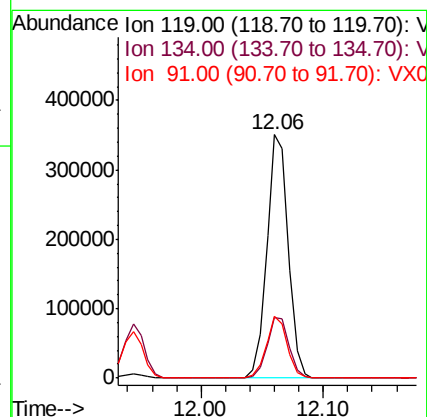
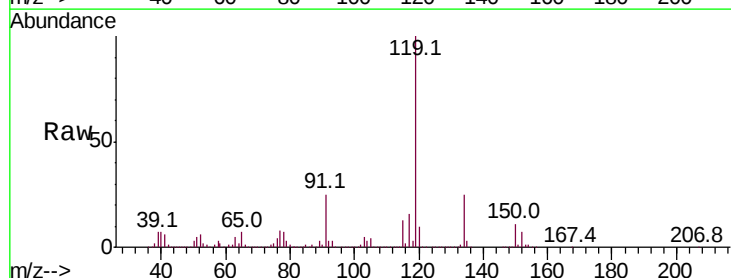
Tgt Ion:119 Resp: 426848

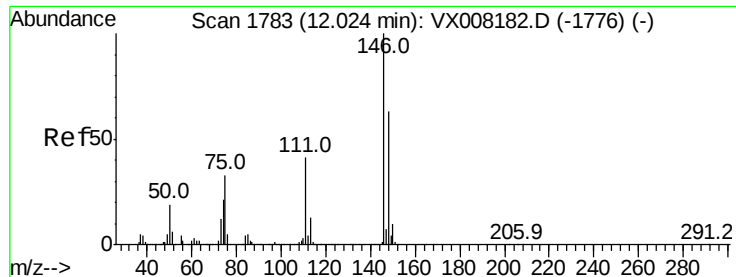
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 24.5 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 22.513 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

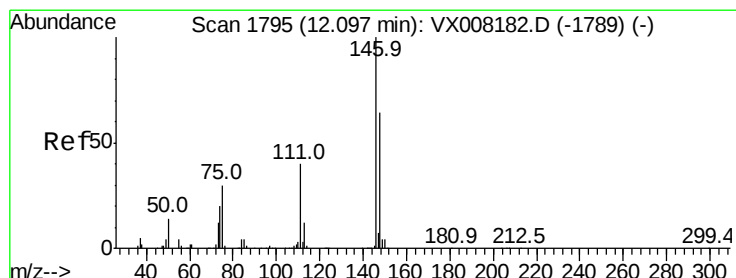
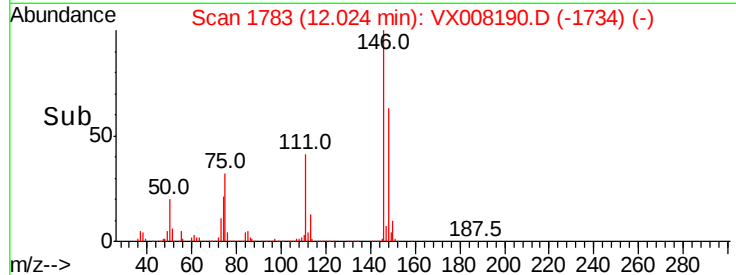
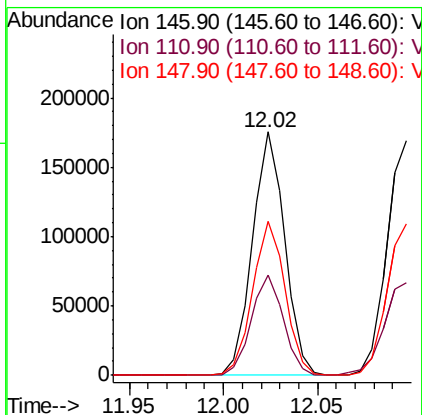
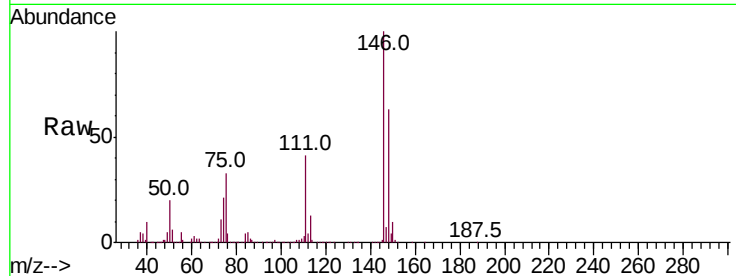
ClientSampleId :

VX0319WBSD01

Tot Ion:	146	Resp:	208736
Ion Ratio	Lower	Upper	
146	100		
111	40.8	18.9	56.7
148	63.2	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 21.835 ug/l

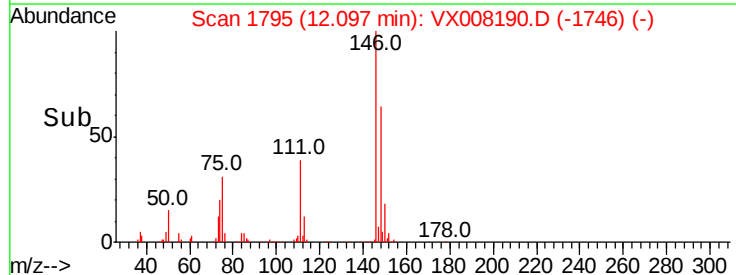
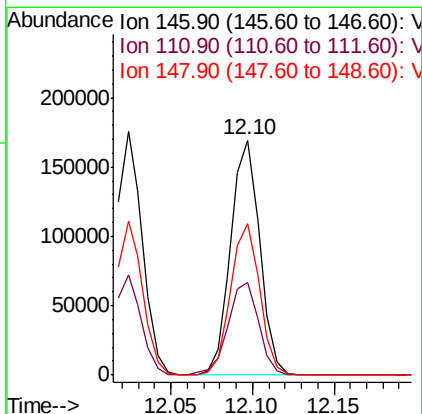
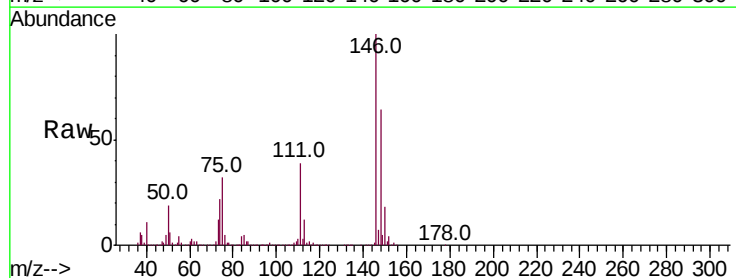
RT: 12.10 min Scan# 1795

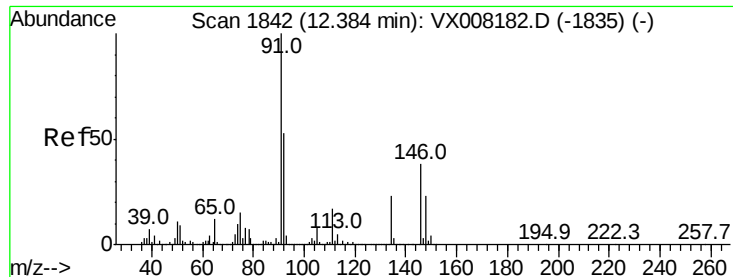
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	146	Resp:	209404
Ion Ratio	Lower	Upper	
146	100		
111	41.7	18.4	55.0
148	64.7	32.2	96.6





#89

n-Butylbenzene

Concen: 22.766 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

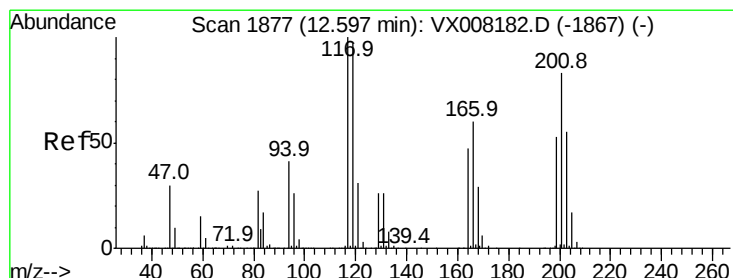
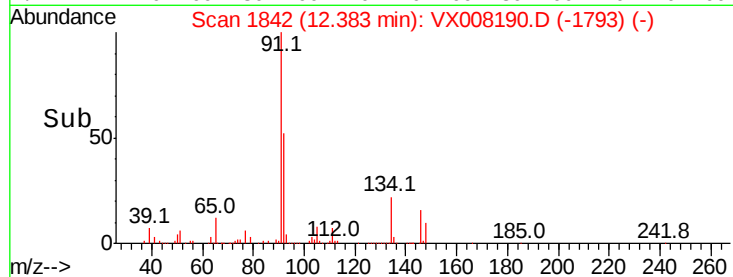
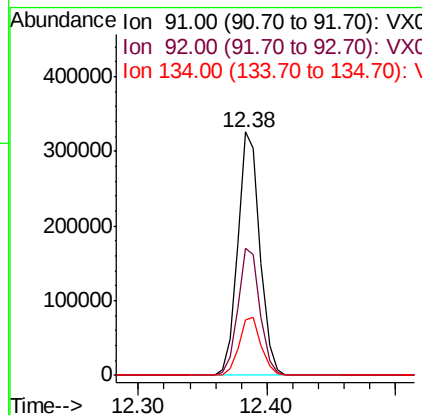
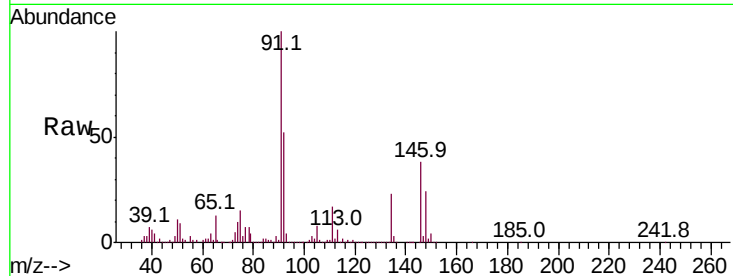
ClientSampleId :

VX0319WBSD01

Tot Ion:	91	Resp:	387661
Ion Ratio	Lower	Upper	
91	100		
92	52.3	27.0	80.8
134	23.9	13.7	41.0

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#90

Hexachloroethane

Concen: 22.351 ug/l

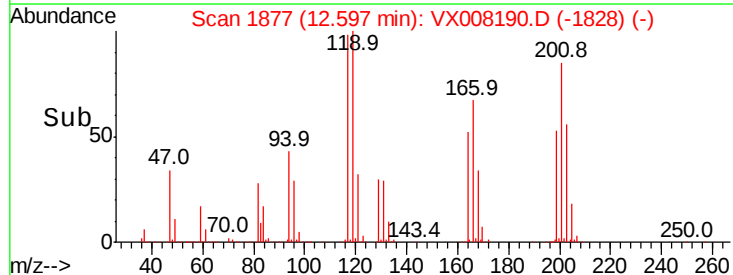
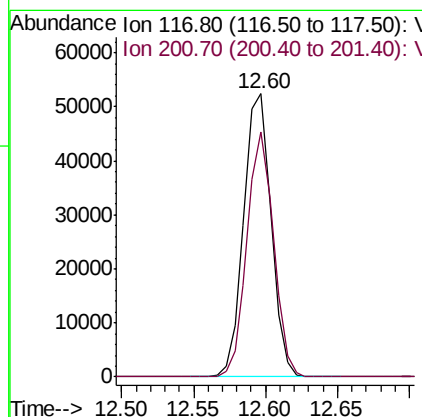
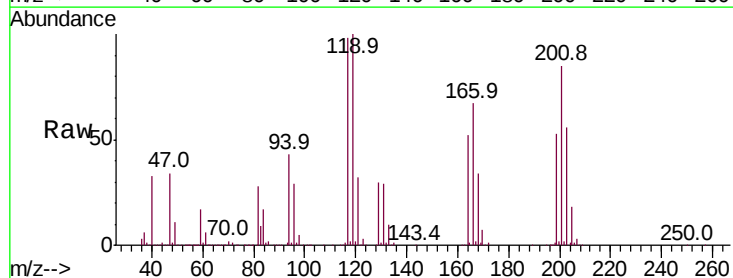
RT: 12.60 min Scan# 1877

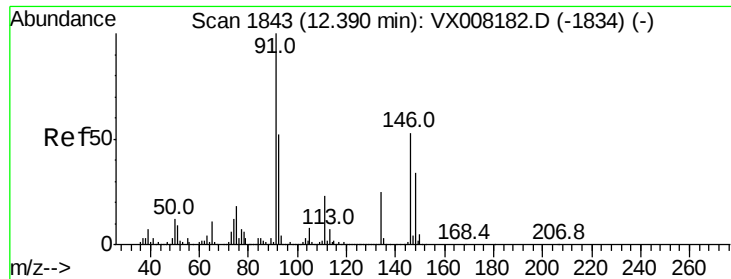
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	117	Resp:	69059
Ion Ratio	Lower	Upper	
117	100		
201	83.7	48.9	146.7





#91

1,2-Dichlorobenzene

Concen: 22.198 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

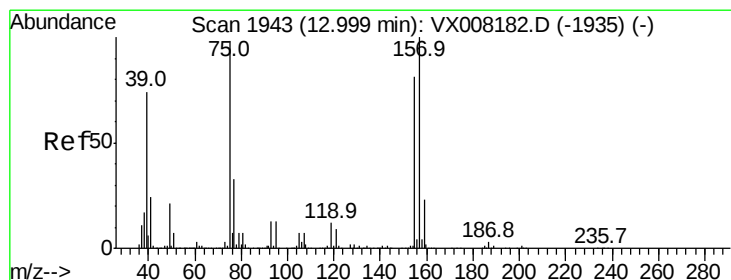
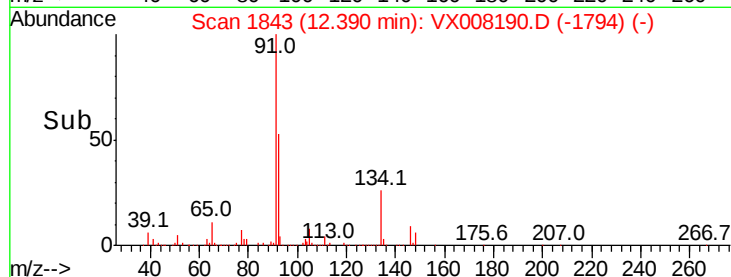
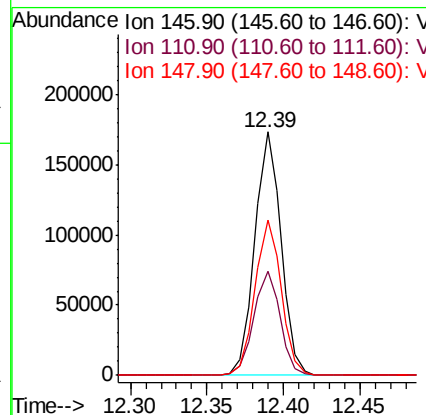
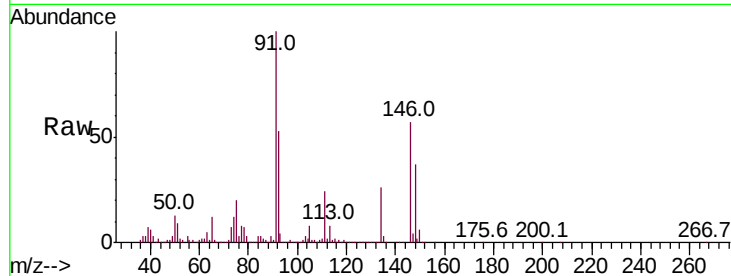
ClientSampleId :

VX0319WBSD01

Tot Ion:	146	Resp:	207516
Ion Ratio	Lower	Upper	
146	100		
111	43.0	19.6	58.8
148	63.7	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.402 ug/l

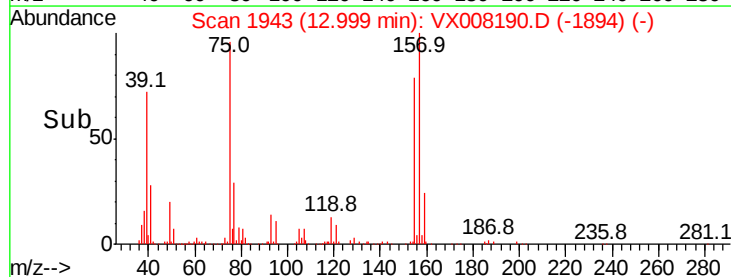
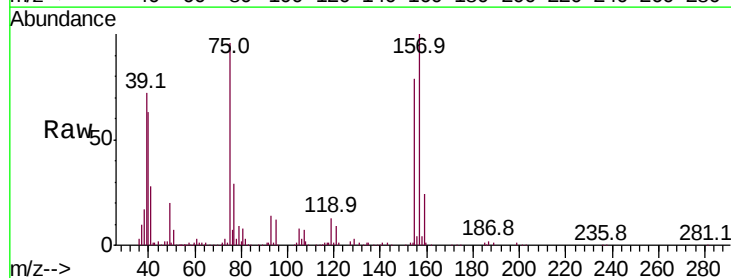
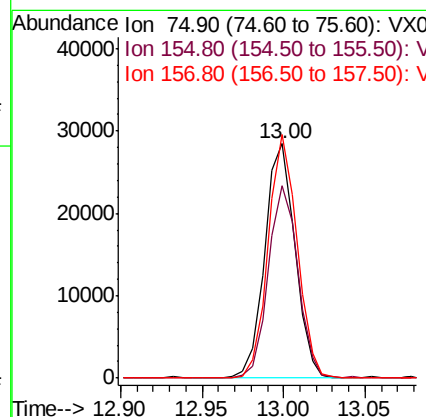
RT: 13.00 min Scan# 1943

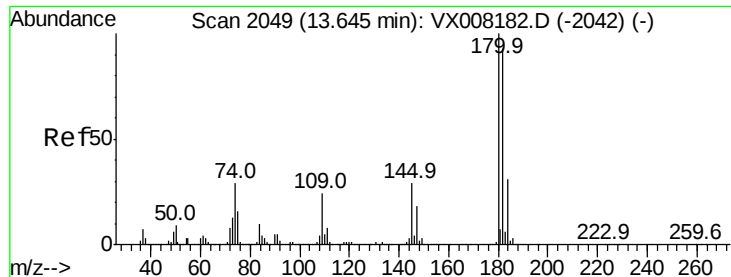
Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:	75	Resp:	36575
Ion Ratio	Lower	Upper	
75	100		
155	80.3	49.7	149.1
157	99.3	63.8	191.4





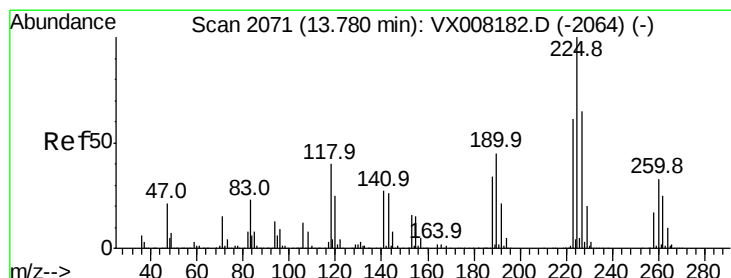
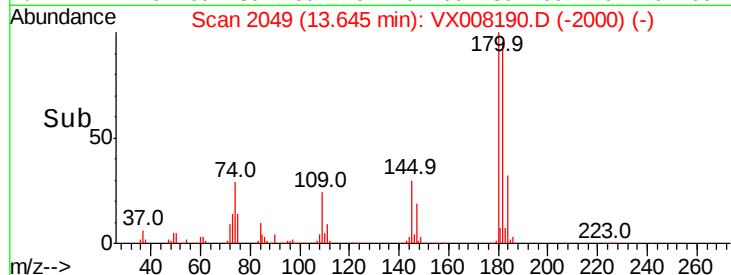
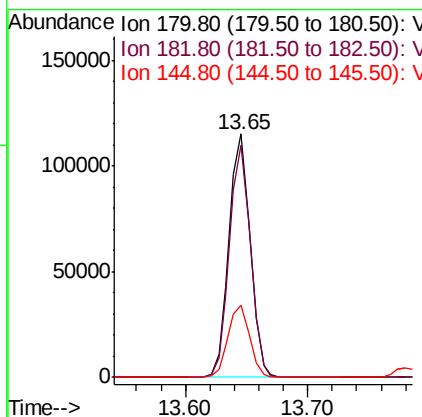
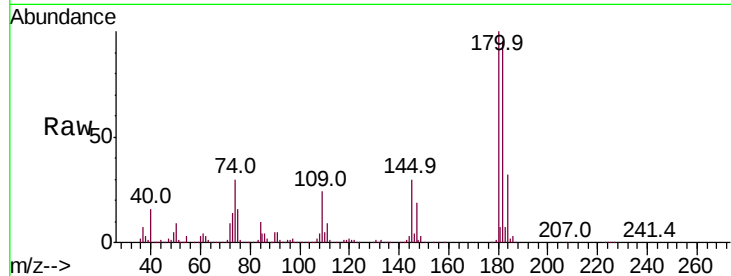
#93
1,2,4-Trichlorobenzene
Concen: 22.430 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	47.9	143.7	
145	30.2	14.1	42.4	

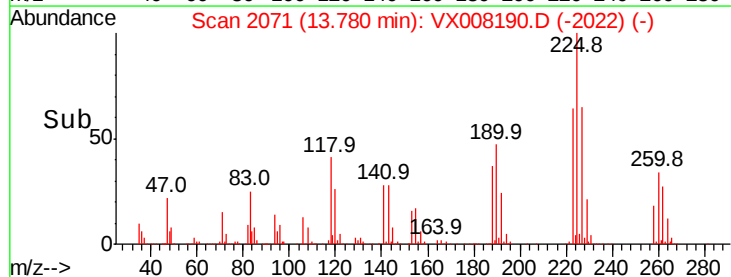
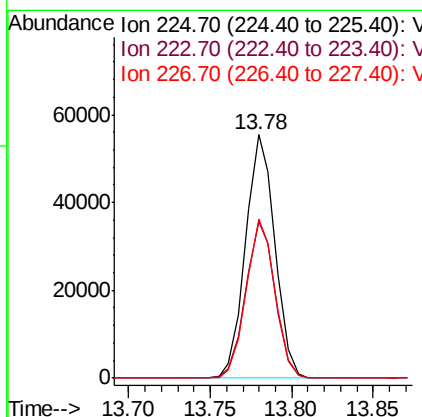
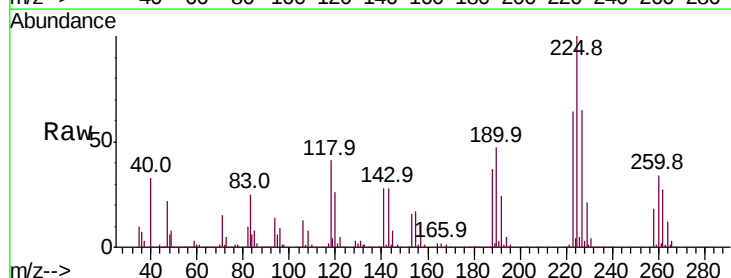
Manual Integrations
APPROVED

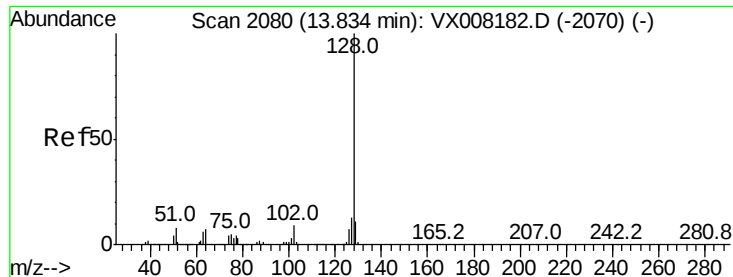
MMDadoda
3/20/2019 10:28:38 AM



#94
Hexachlorobutadiene
Concen: 23.218 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008190.D
Acq: 19 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	31.1	93.2	
227	63.7	32.0	96.0	





#95

Naphthalene

Concen: 22.738 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Instrument :

MSVOA_X

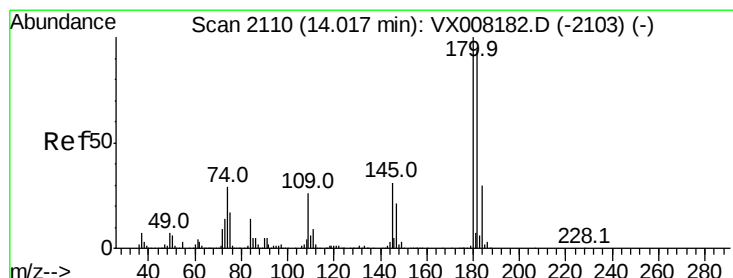
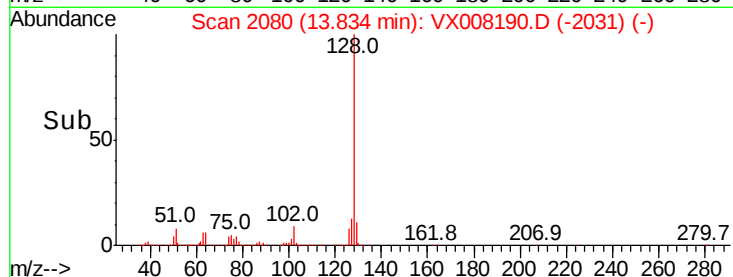
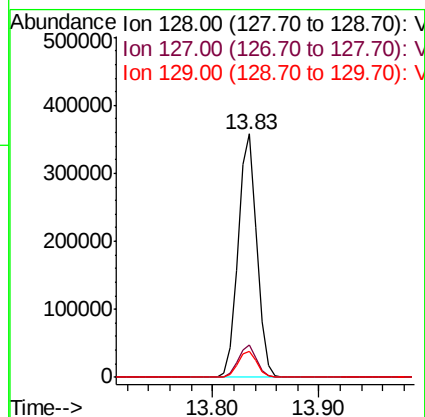
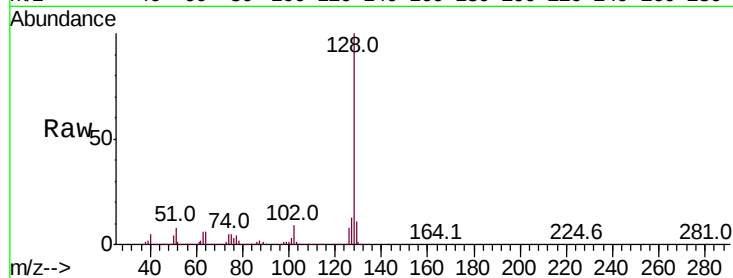
ClientSampleId :

VX0319WBSD01

Tot Ion:128	Resp:	441917
Ion Ratio	Lower	Upper
128 100		
127 13.1	10.3	15.5
129 11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/20/2019 10:28:38 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.333 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008190.D

Acq: 19 Mar 2019 14:46

Tgt Ion:180	Resp:	135314
Ion Ratio	Lower	Upper
180 100		
182 97.2	47.5	142.5
145 32.2	14.8	44.3

