

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100918\
 Data File : VX005184.D
 Acq On : 10 Oct 2018 03:25
 Operator : JC/MD
 Sample : VX1009WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:52 PM

Quant Time: Oct 10 08:16:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199128	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	280447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169962	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143056	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	112654	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	8.72	98	418167	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	154728	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65668	24.187	ug/l	96
3) Chloromethane	1.32	50	74966	22.758	ug/l	100
4) Vinyl Chloride	1.40	62	72853	23.581	ug/l	100
5) Bromomethane	1.64	94	42439	23.165	ug/l	94
6) Chloroethane	1.71	64	42968	24.325	ug/l	100
7) Trichlorofluoromethane	1.93	101	93814	24.528	ug/l	93
8) Diethyl Ether	2.19	74	36019	21.678	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49485	22.713	ug/l	99
10) Methyl Iodide	2.51	142	53234	18.260	ug/l	91
11) Tert butyl alcohol	3.07	59	95705	120.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49000	22.710	ug/l	94
13) Acrolein	2.29	56	53114	93.858	ug/l	93
14) Allyl chloride	2.73	41	105437	22.397	ug/l	95
15) Acrylonitrile	3.15	53	202332	115.559	ug/l	97
16) Acetone	2.45	43	189343	114.014	ug/l	95
17) Carbon Disulfide	2.57	76	145467	22.437	ug/l	99
18) Methyl Acetate	2.78	43	107208	25.480	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	174964	23.509	ug/l	96
20) Methylene Chloride	2.85	84	57780	23.485	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	53226	22.535	ug/l #	81
22) Diisopropyl ether	3.87	45	177806	22.429	ug/l	98
23) Vinyl Acetate	3.82	43	789085	108.743	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104976	22.199	ug/l	100
25) 2-Butanone	4.71	43	266511	108.872	ug/l	92
26) 2,2-Dichloropropane	4.58	77	44767	13.595	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56407	21.378	ug/l	97
28) Bromochloromethane	5.02	49	42638	19.147	ug/l	99
29) Tetrahydrofuran	5.17	42	173059	113.744	ug/l	97
30) Chloroform	5.22	83	97591	21.836	ug/l	98
31) Cyclohexane	5.57	56	82031	22.665	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	82186	22.517	ug/l	97
36) 1,1-Dichloropropene	5.80	75	70182	21.642	ug/l	92
37) Ethyl Acetate	4.86	43	94790	22.021	ug/l	98
38) Carbon Tetrachloride	5.78	117	71981	21.116	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75595	22.829	ug/l	87
40) Benzene	6.15	78	210867	20.770	ug/l	95
41) Methacrylonitrile	5.07	41	51477	21.563	ug/l	96
42) 1,2-Dichloroethane	6.20	62	77988	21.730	ug/l	97
43) Isopropyl Acetate	6.46	43	130638	21.026	ug/l	97
44) Trichloroethene	7.21	130	56213	22.523	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57386	23.049	ug/l	96
46) Dibromomethane	7.66	93	36577	23.377	ug/l	100
47) Bromodichloromethane	7.90	83	69788	23.823	ug/l	100
48) Methyl methacrylate	7.78	41	69991	24.819	ug/l	99
49) 1,4-Dioxane	7.76	88	32290	460.892	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	483151	123.505	ug/l	98
52) Toluene	8.79	92	132617	23.772	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69089	20.870	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	76800	22.149	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	55280	22.622	ug/l	96
56) Ethyl methacrylate	9.18	69	78680	21.568	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90555	22.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	198573	103.180	ug/l	99
59) 2-Hexanone	9.50	43	378892	116.226	ug/l	95
60) Dibromochloromethane	9.59	129	55151	22.568	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57436	21.947	ug/l	96
64) Tetrachloroethene	9.34	164	60771	22.592	ug/l	97
65) Chlorobenzene	10.14	112	148323	21.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	52441	21.284	ug/l	100
67) Ethyl Benzene	10.26	91	243457	21.881	ug/l	95
68) m/p-Xylenes	10.36	106	190667	43.852	ug/l	94
69) o-Xylene	10.70	106	90022	22.542	ug/l	99
70) Styrene	10.71	104	152776	21.719	ug/l	99
71) Bromoform	10.86	173	44491	21.092	ug/l	97
73) Isopropylbenzene	11.02	105	249430	23.283	ug/l	99
74) N-amyl acetate	10.90	43	113414	20.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88234	20.233	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81169m	21.307	ug/l	
77) Bromobenzene	11.26	156	67835	21.800	ug/l	100
78) n-propylbenzene	11.36	91	285752	23.247	ug/l	99
79) 2-Chlorotoluene	11.42	91	173459	22.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212946	21.575	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20177	15.859	ug/l	94
82) 4-Chlorotoluene	11.51	91	203676	22.585	ug/l	100
83) tert-Butylbenzene	11.77	119	203789	23.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	220007	21.615	ug/l	100
85) sec-Butylbenzene	11.94	105	252177	23.473	ug/l	99
86) p-Isopropyltoluene	12.07	119	223206	22.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	124473	21.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126247	21.048	ug/l	98
89) n-Butylbenzene	12.39	91	189474	21.434	ug/l	99
90) Hexachloroethane	12.60	117	35493	21.901	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	126215	20.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21081	22.016	ug/l	98

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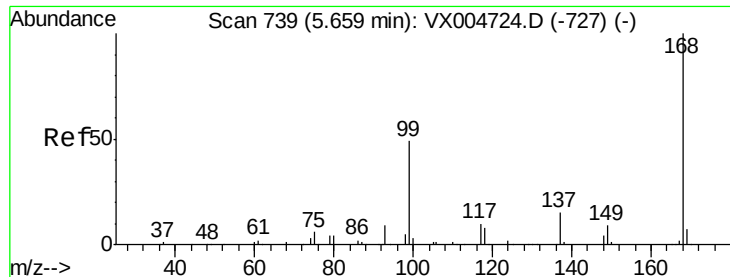
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90542	21.257	ug/l	98
94) Hexachlorobutadiene	13.79	225	46097	20.870	ug/l	99
95) Naphthalene	13.83	128	278696	20.149	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96420	21.913	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:168 Resp: 199128

Ion Ratio Lower Upper

168 100

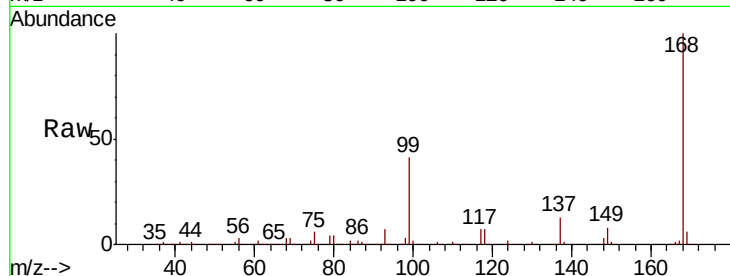
99 40.6 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

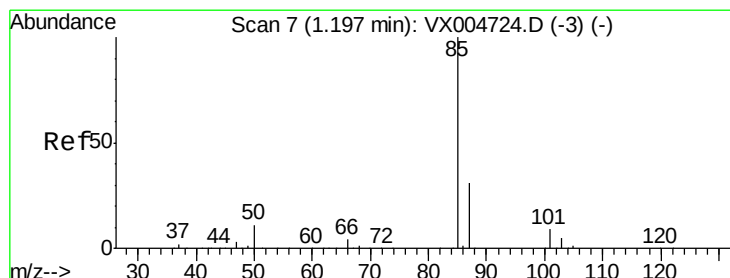
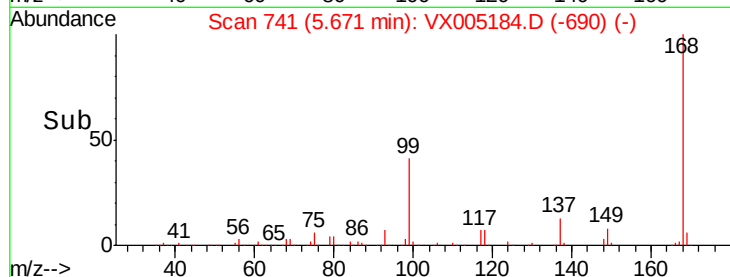
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 24.187 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005184.D

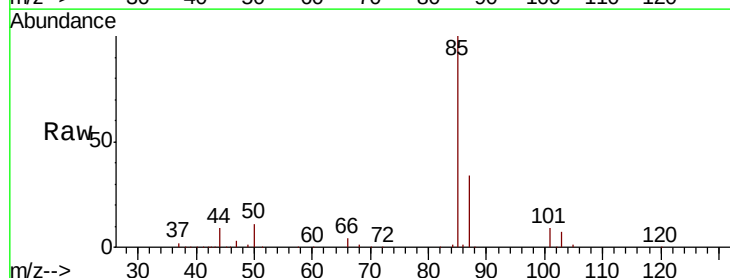
Acq: 10 Oct 2018 03:25

Tgt Ion: 85 Resp: 65668

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

40000

20000

0

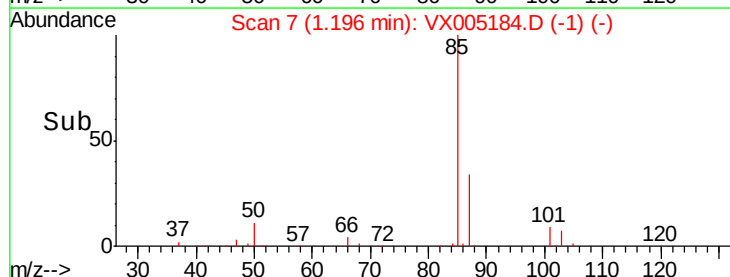
1.15

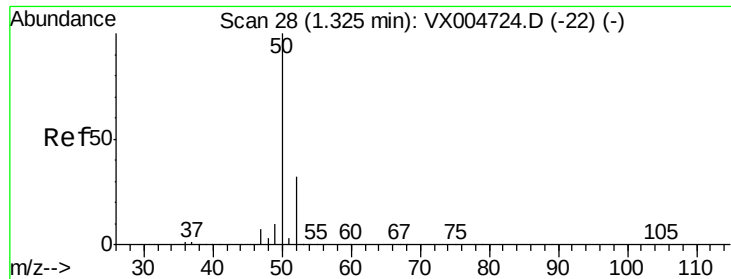
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 22.758 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 50 Resp: 74966

Ion Ratio Lower Upper

50 100

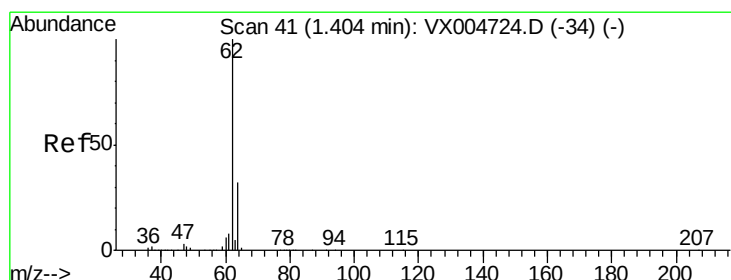
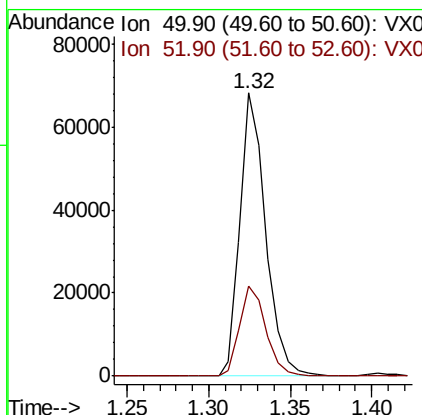
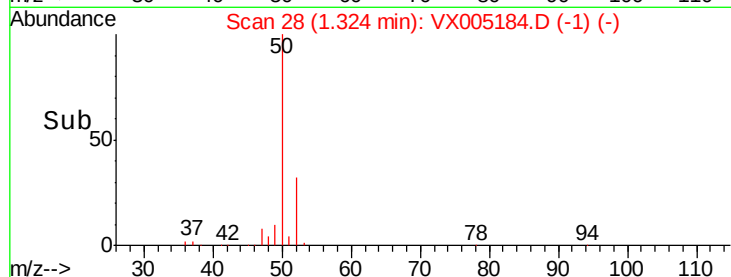
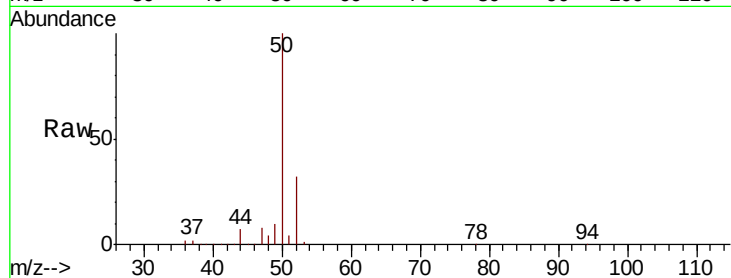
52 32.0 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.581 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005184.D

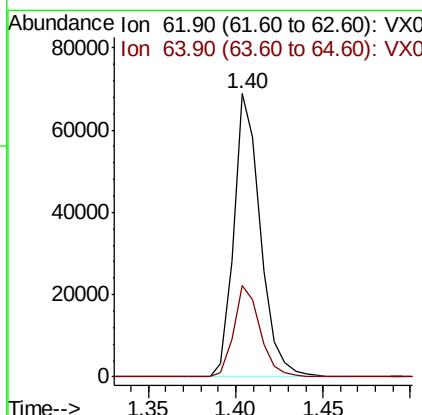
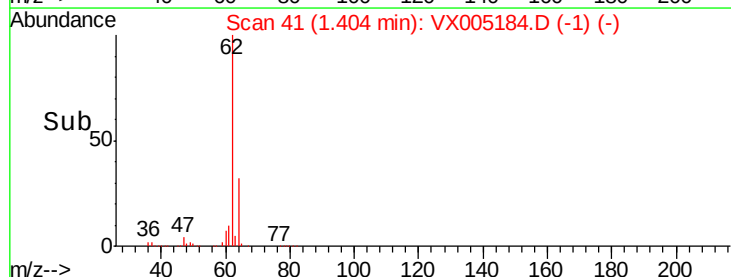
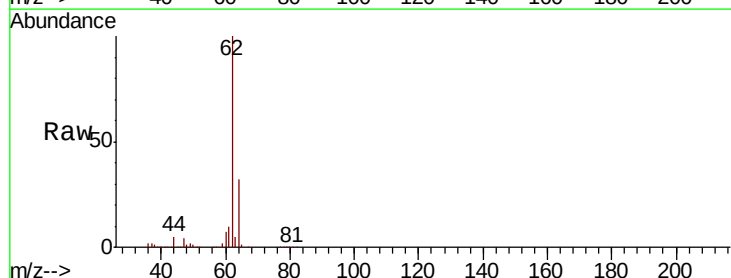
Acq: 10 Oct 2018 03:25

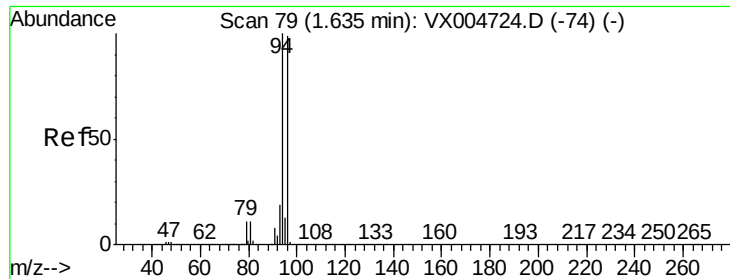
Tgt Ion: 62 Resp: 72853

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 23.165 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 94 Resp: 42439

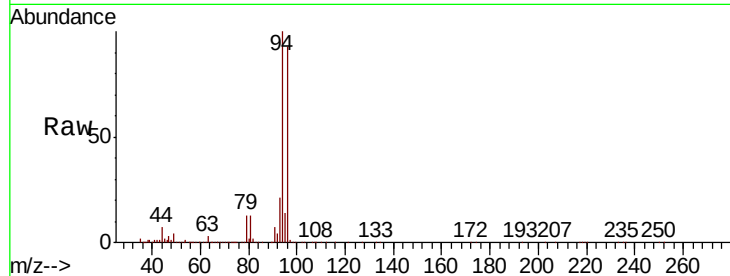
Ion Ratio Lower Upper

94 100

96 93.1 79.5 119.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

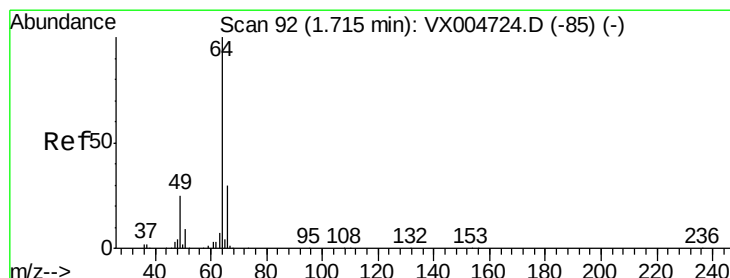
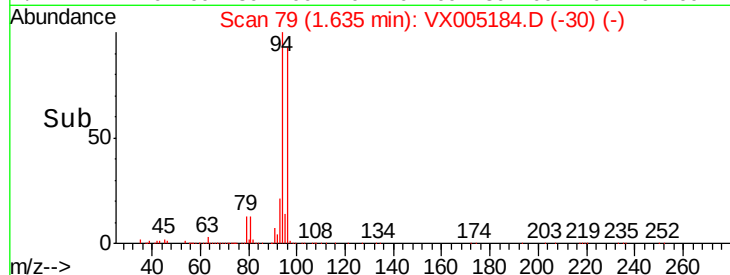
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 24.325 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005184.D

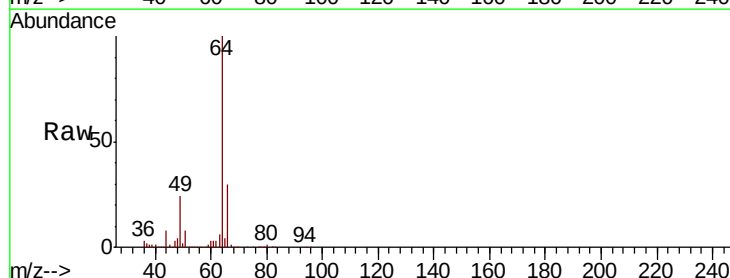
Acq: 10 Oct 2018 03:25

Tgt Ion: 64 Resp: 42968

Ion Ratio Lower Upper

64 100

66 29.9 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

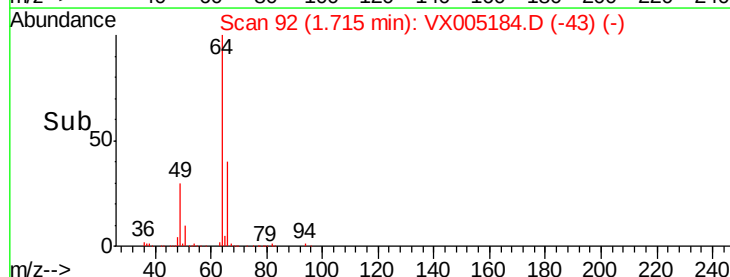
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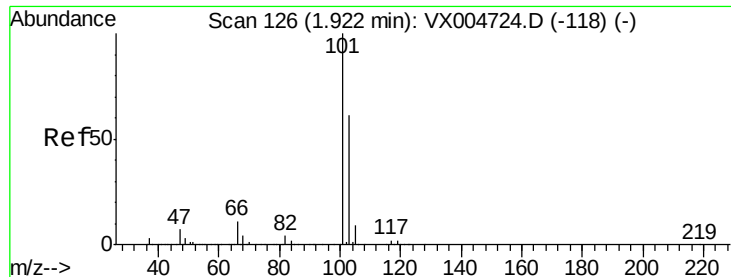
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10000

0

Time-->





#7

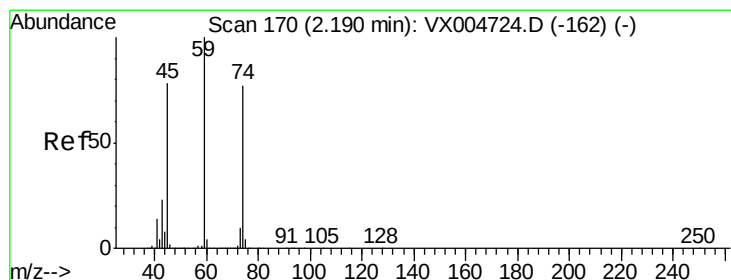
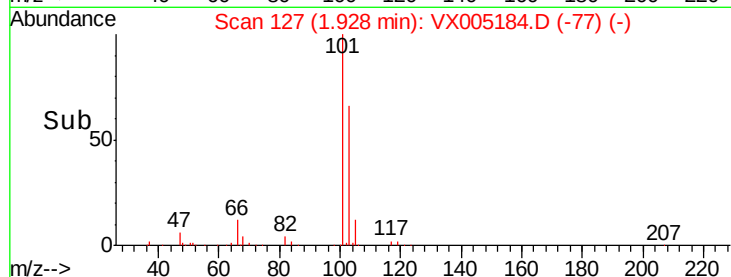
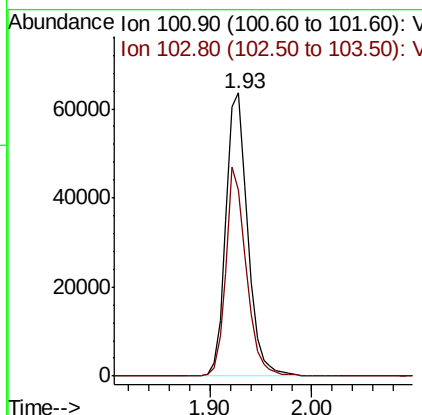
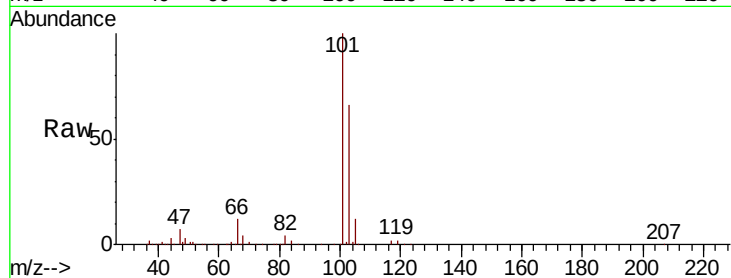
Trichlorofluoromethane
 Concen: 24.528 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
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 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	48.4	72.6

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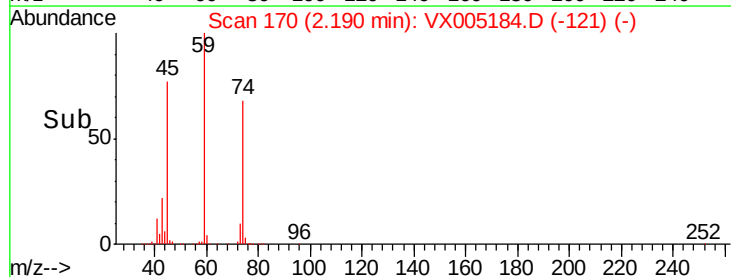
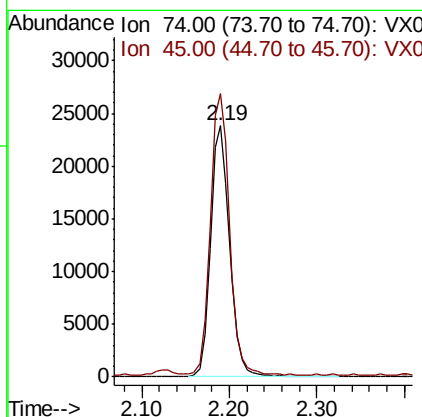
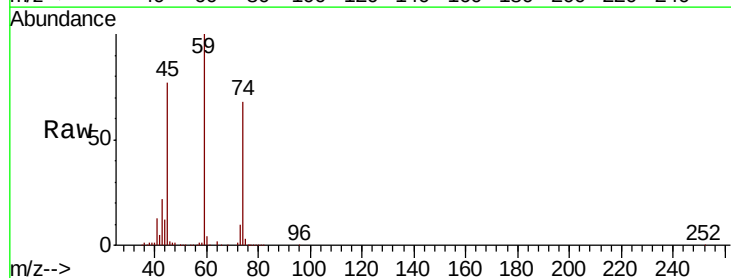
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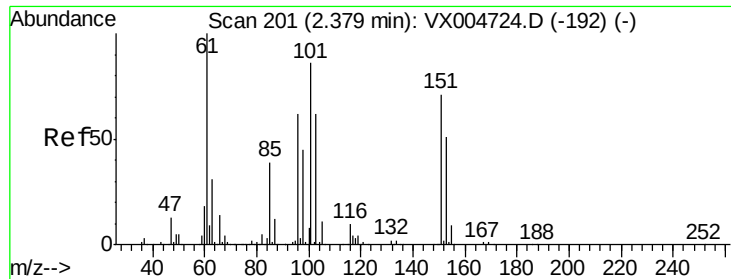


#8

Diethyl Ether
 Concen: 21.678 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.5	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.713 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

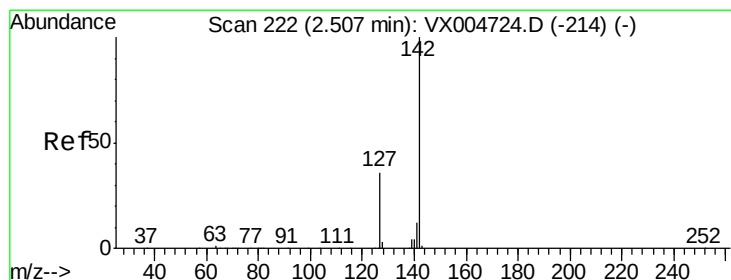
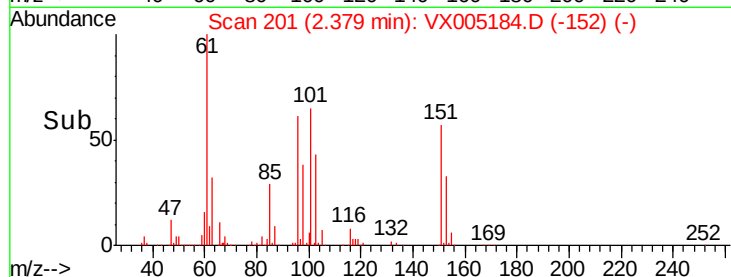
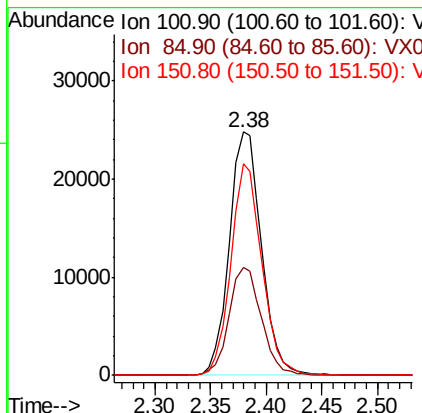
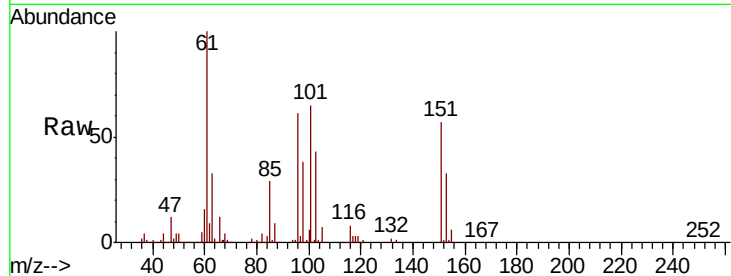
ClientSampleId :

VX1009WBS02

Tot Ion:	101	Resp:	49485
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	84.0	66.6	100.0

Manual Integrations
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10/11/2018 5:31:52 PM



#10

Methyl Iodide

Concen: 18.260 ug/l

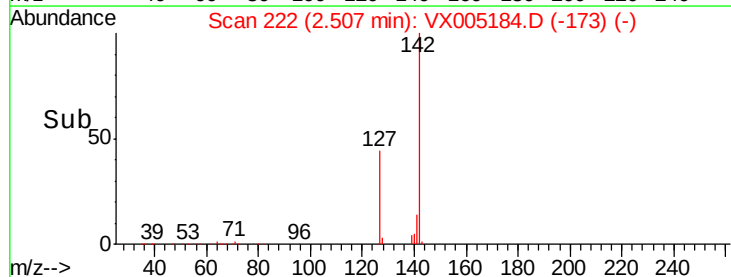
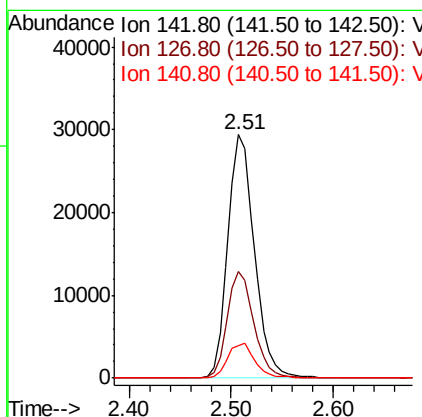
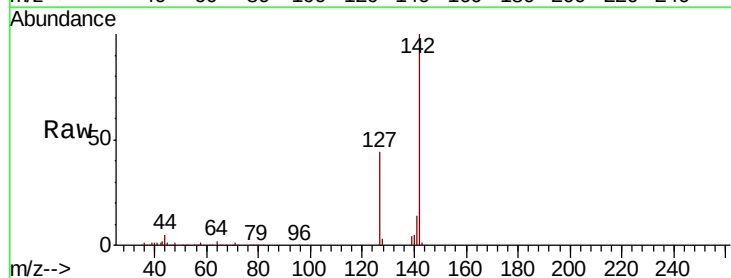
RT: 2.51 min Scan# 222

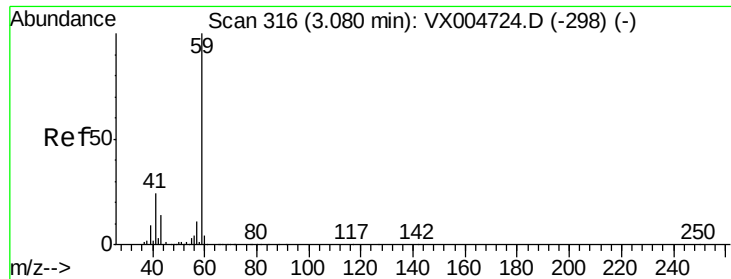
Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:	142	Resp:	53234
Ion Ratio	Lower	Upper	
142	100		
127	43.5	30.1	45.1
141	14.6	10.1	15.1





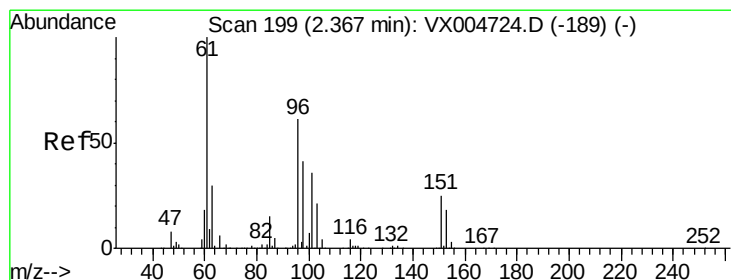
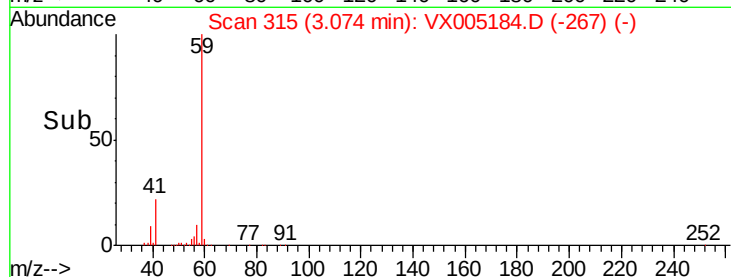
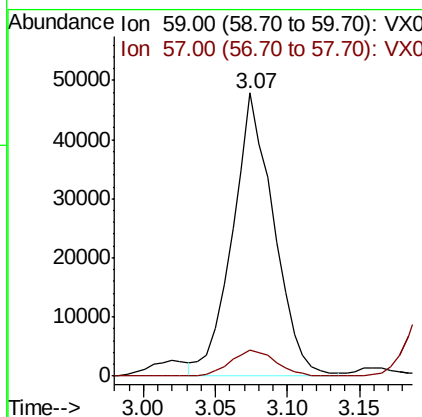
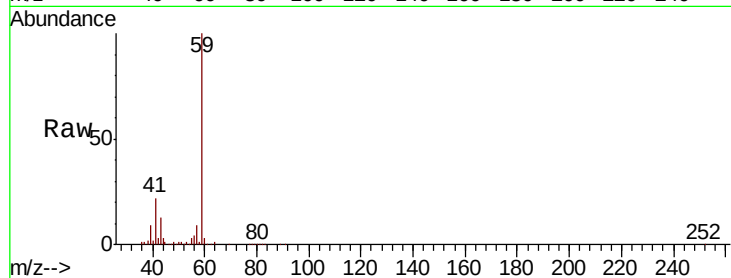
#11
Tert butyl alcohol
Concen: 120.329 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8

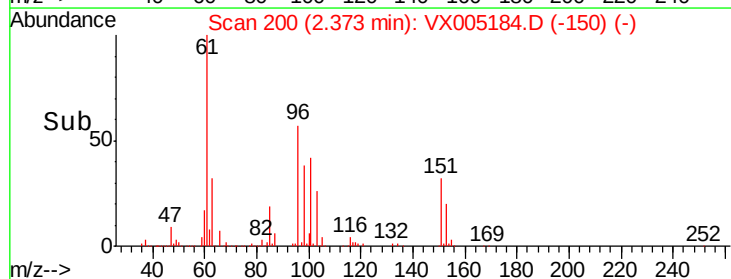
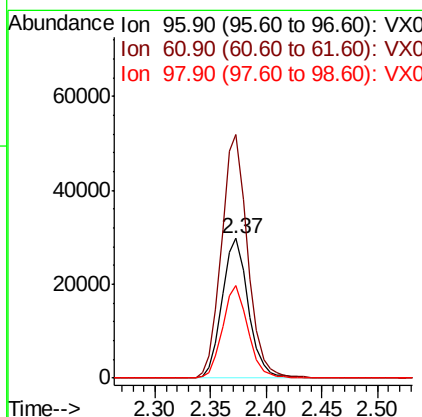
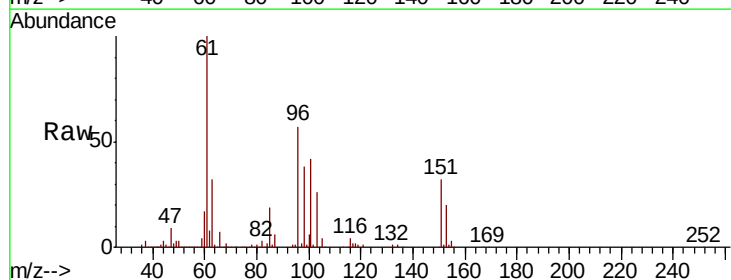
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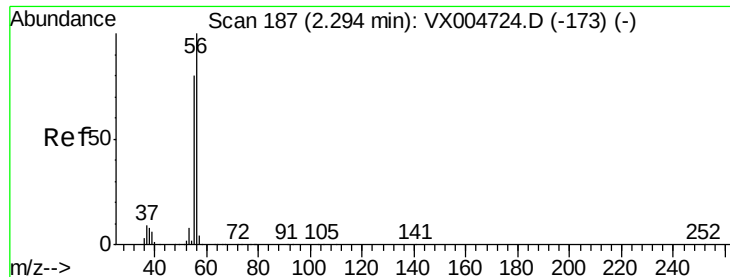
MMDadoda
10/11/2018 5:31:52 PM



#12
1,1-Dichloroethene
Concen: 22.710 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.0	130.2	195.4
98	66.0	53.4	80.0





#13

Acrolein

Concen: 93.858 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 56 Resp: 53114

Ion Ratio Lower Upper

56 100

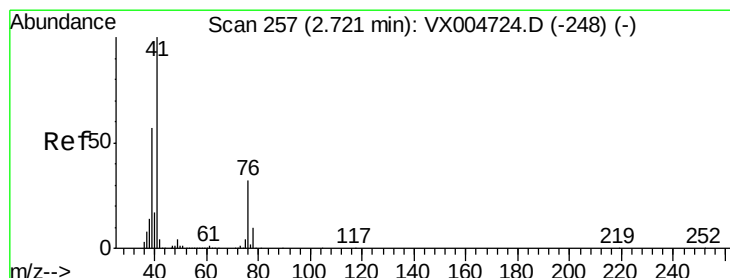
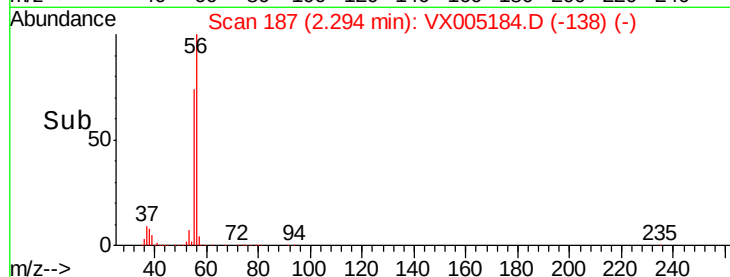
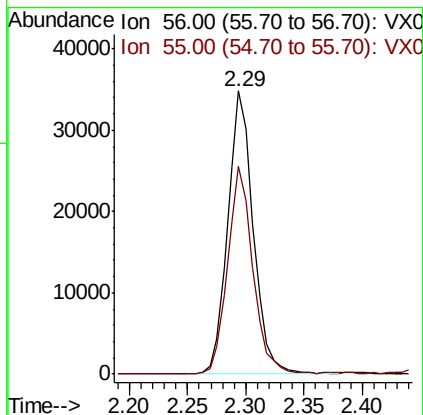
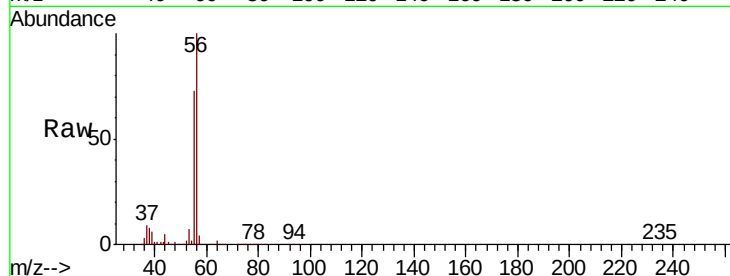
55 72.8 63.4 95.2

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#14

Allyl chloride

Concen: 22.397 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

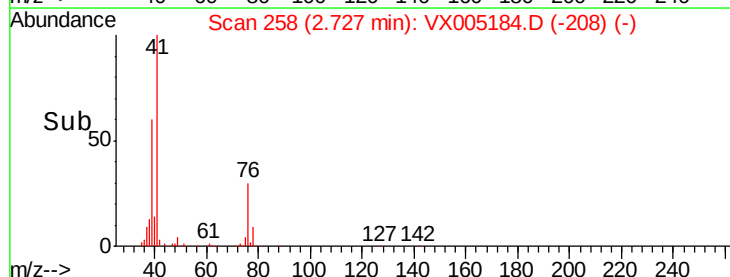
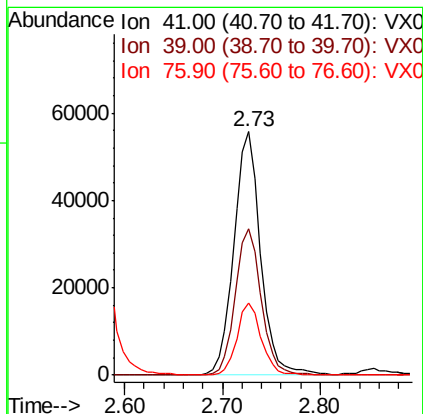
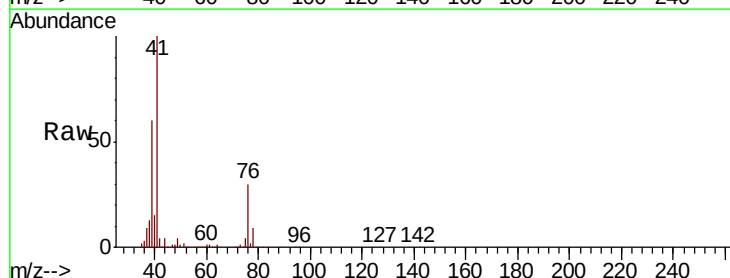
Tgt Ion: 41 Resp: 105437

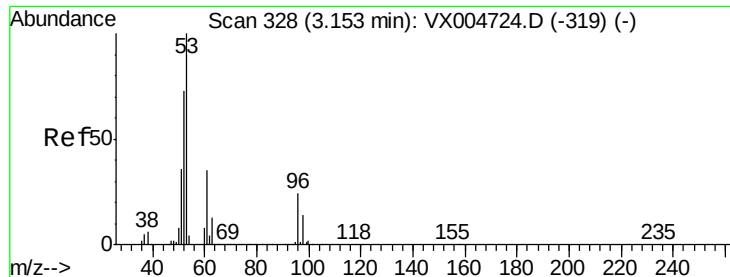
Ion Ratio Lower Upper

41 100

39 58.2 44.1 66.1

76 27.5 25.0 37.4





#15

Acrylonitrile

Concen: 115.559 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

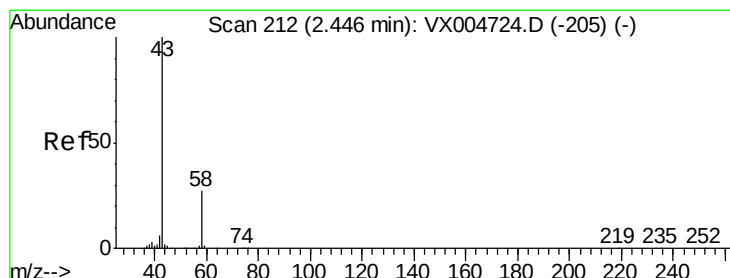
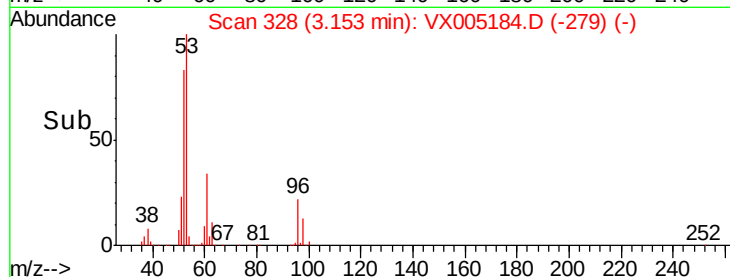
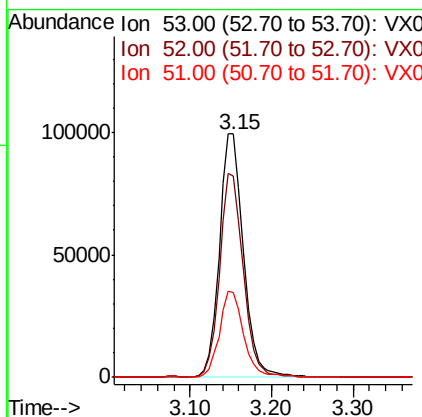
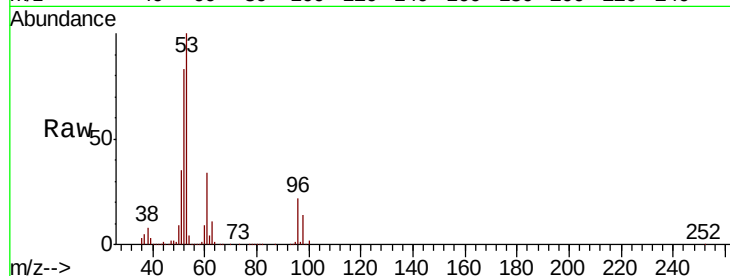
ClientSampleId :

VX1009WBS02

Tot Ion:	53	Resp:	202332
Ion Ratio	Lower	Upper	
53	100		
52	82.6	63.0	94.4
51	35.7	28.6	42.8

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#16

Acetone

Concen: 114.014 ug/l

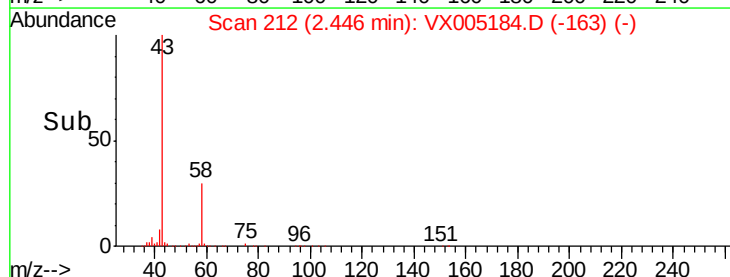
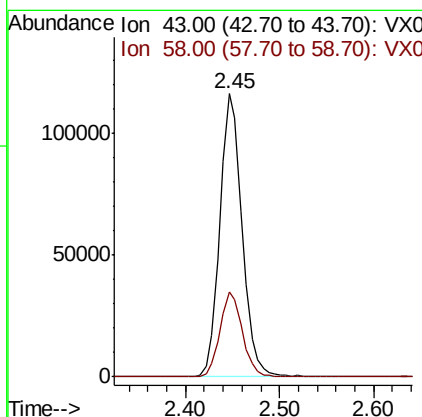
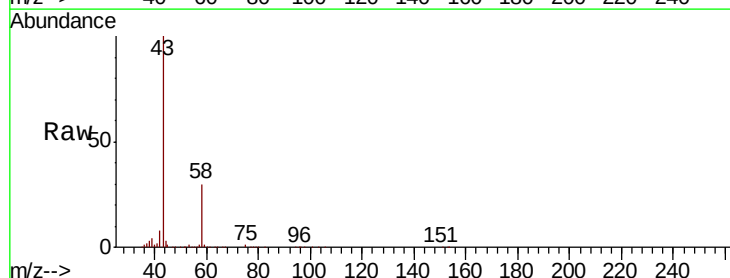
RT: 2.45 min Scan# 212

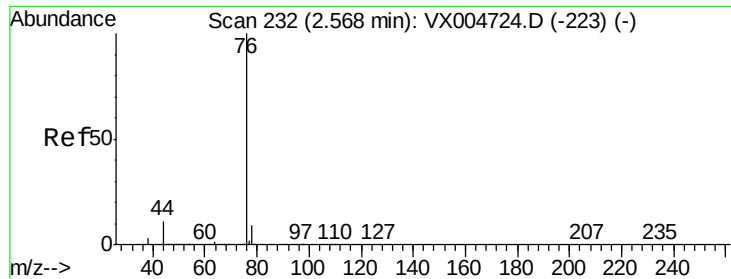
Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:	43	Resp:	189343
Ion Ratio	Lower	Upper	
43	100		
58	29.9	21.8	32.6





#17

Carbon Disulfide

Concen: 22.437 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 76 Resp: 145467

Ion Ratio Lower Upper

76 100

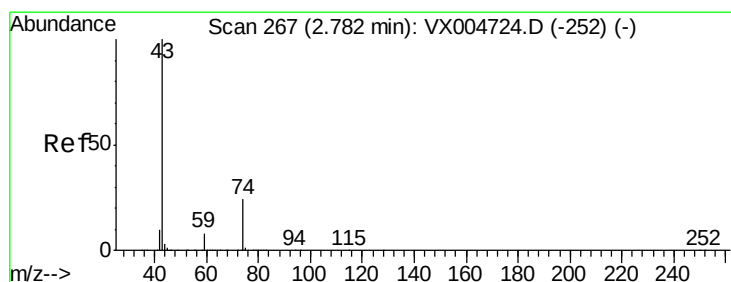
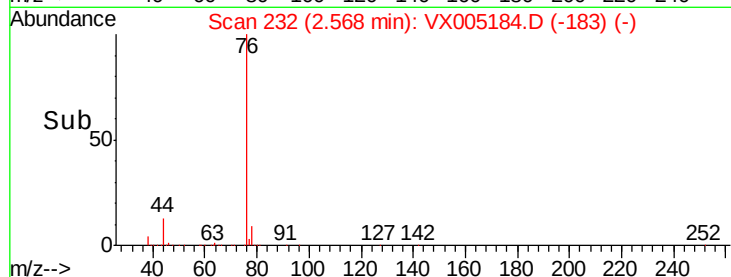
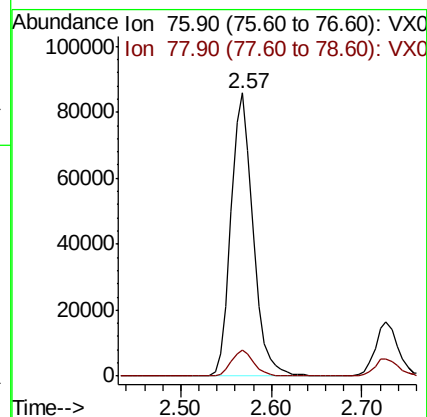
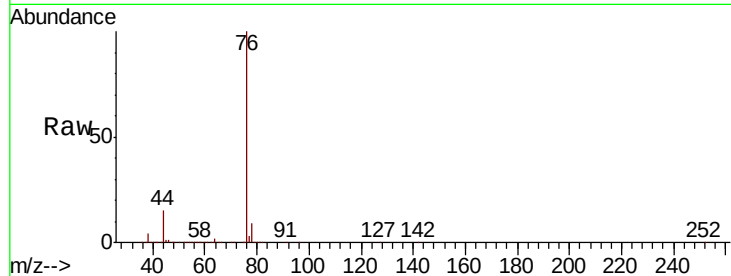
78 9.1 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 25.480 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005184.D

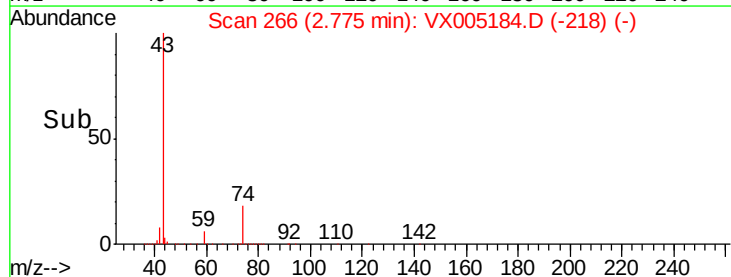
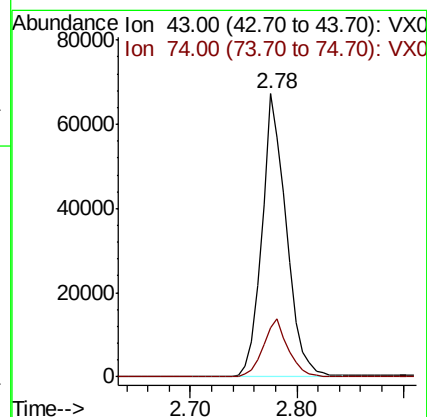
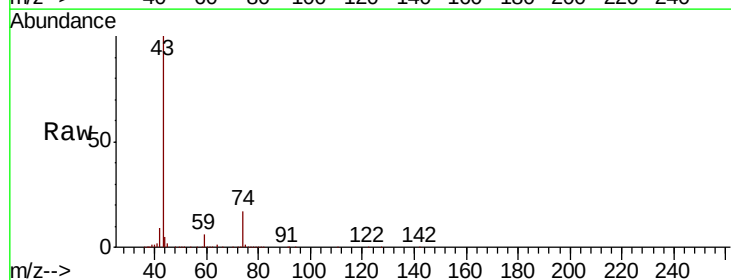
Acq: 10 Oct 2018 03:25

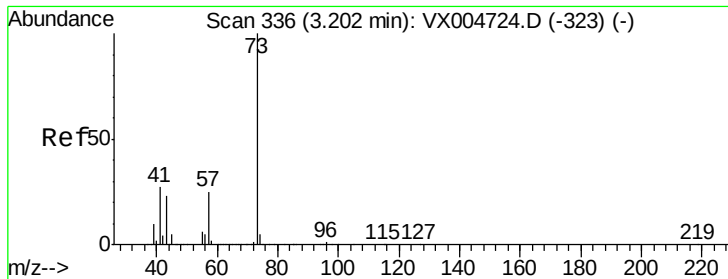
Tgt Ion: 43 Resp: 107208

Ion Ratio Lower Upper

43 100

74 21.4 17.8 26.8





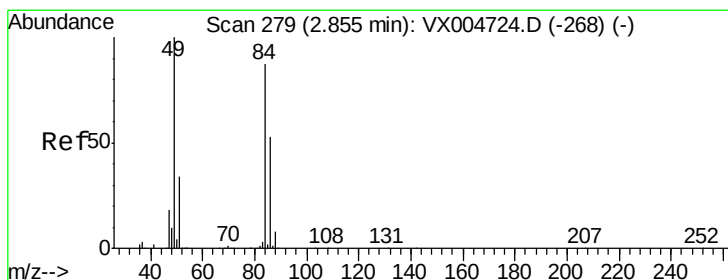
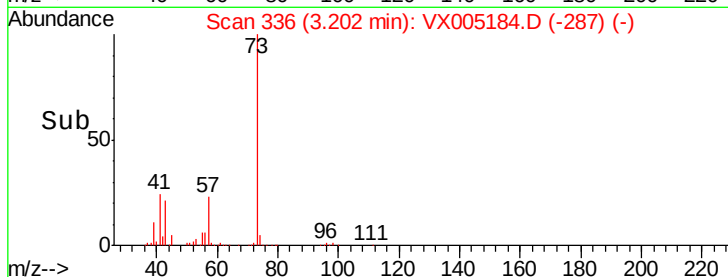
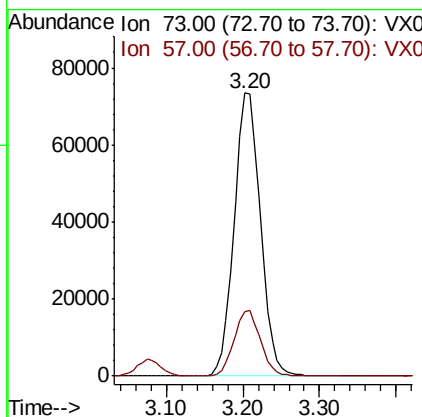
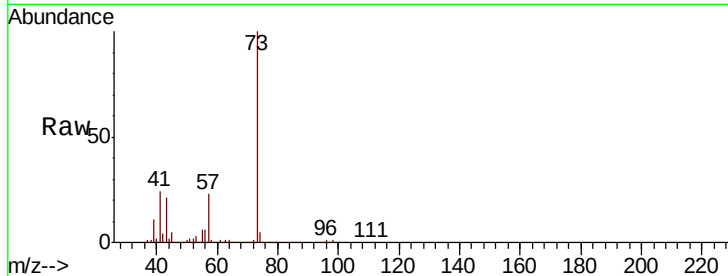
#19
Methyl tert-butyl Ether
Concen: 23.509 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	73	Resp	174964
Ion Ratio	100	Lower	Upper
73	100	19.9	29.9
57	22.8		

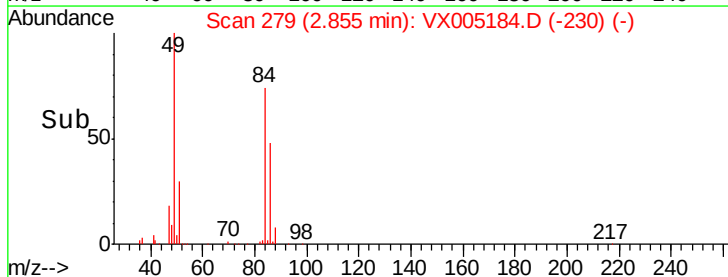
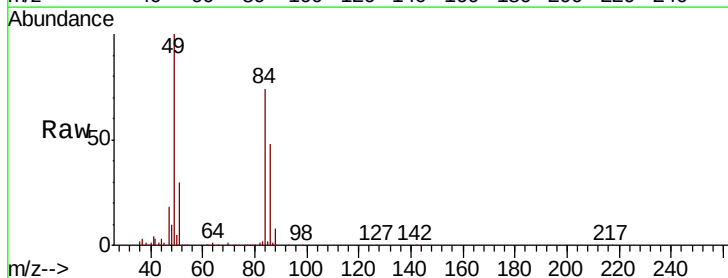
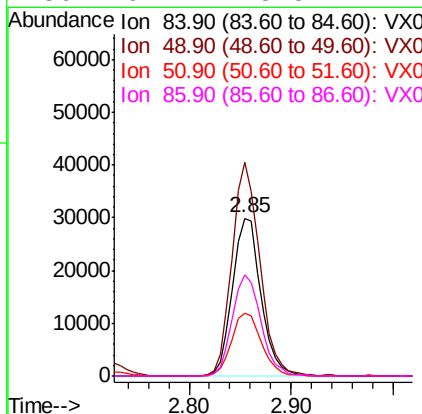
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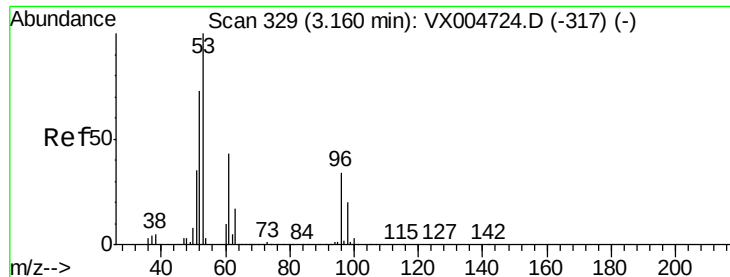
MMDadoda
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#20
Methylene Chloride
Concen: 23.485 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	84	Resp	57780
Ion Ratio	100	Lower	Upper
84	100	92.3	138.5
49	134.9	31.8	47.6
51	39.7	48.5	72.7
86	64.2		





#21

trans-1,2-Dichloroethene

Concen: 22.535 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 96 Resp: 53226

Ion Ratio Lower Upper

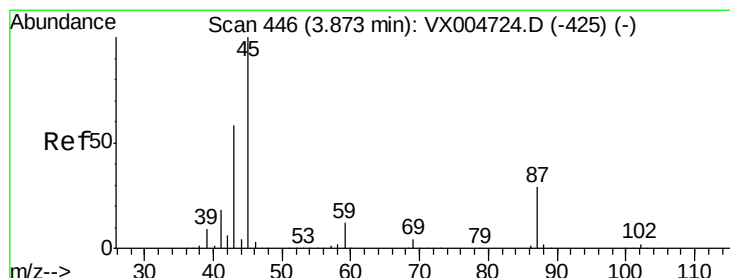
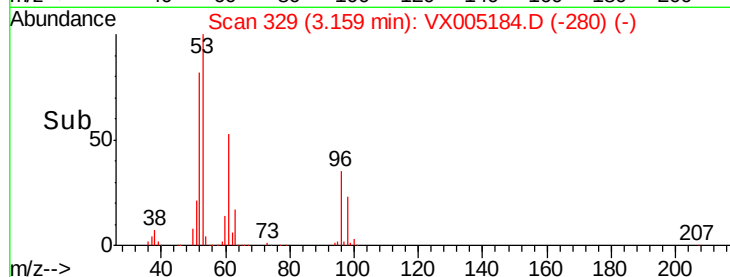
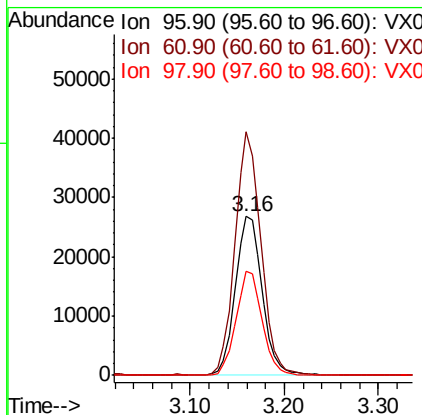
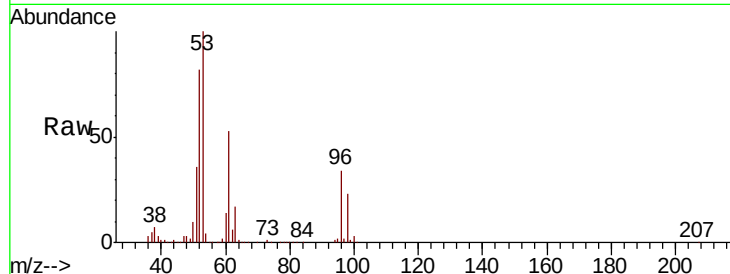
96 100

61 153.2 101.0 151.6#

98 65.4 47.2 70.8

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#22

Diisopropyl ether

Concen: 22.429 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion: 45 Resp: 177806

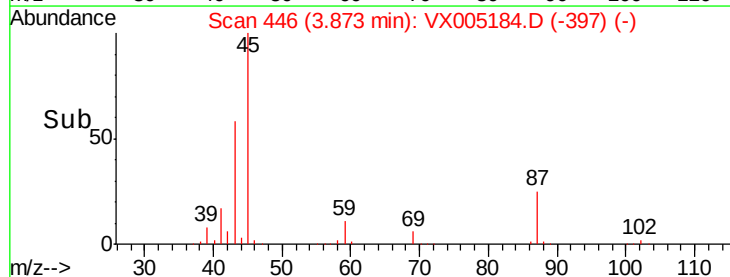
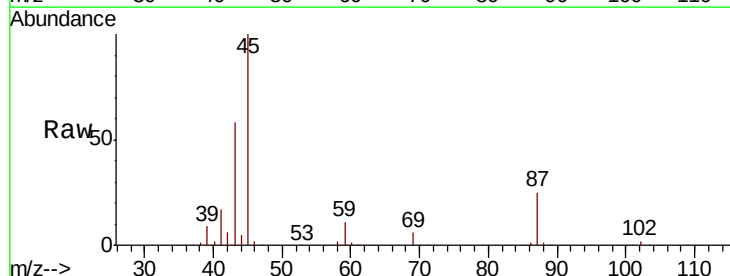
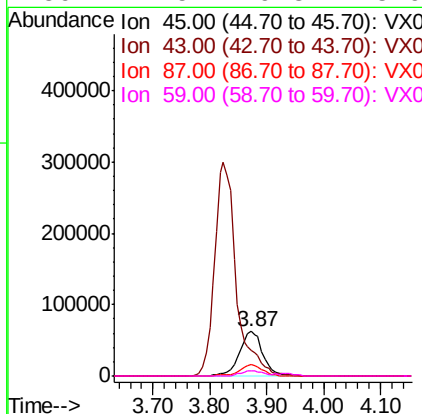
Ion Ratio Lower Upper

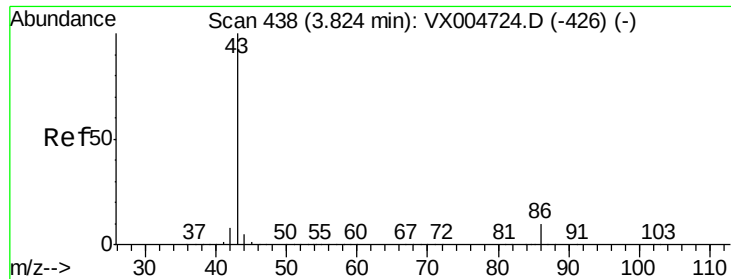
45 100

43 58.0 46.7 70.1

87 25.4 22.9 34.3

59 11.5 9.3 13.9





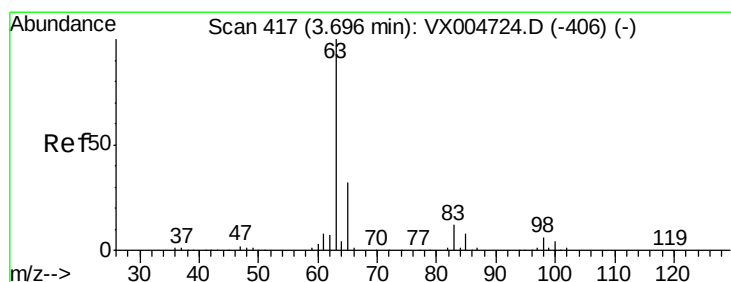
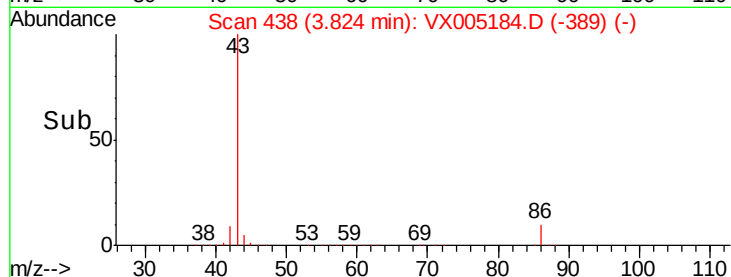
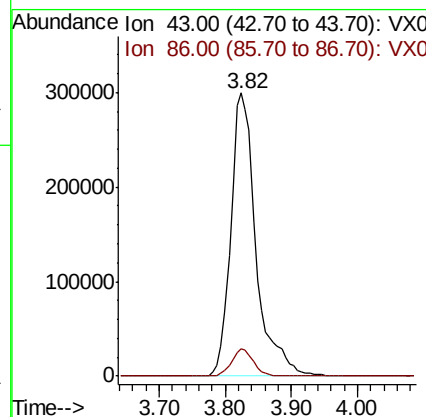
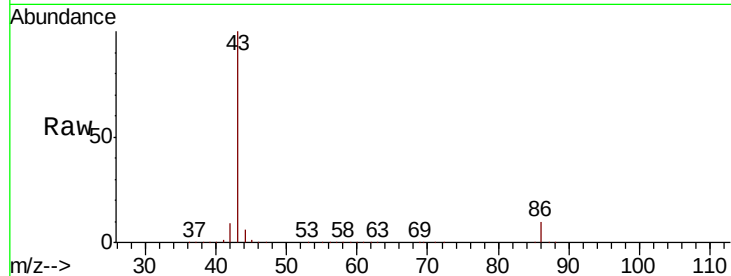
#23
 Vinyl Acetate
 Concen: 108.743 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.1	12.1

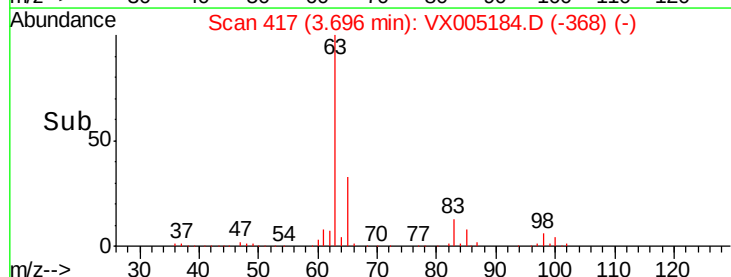
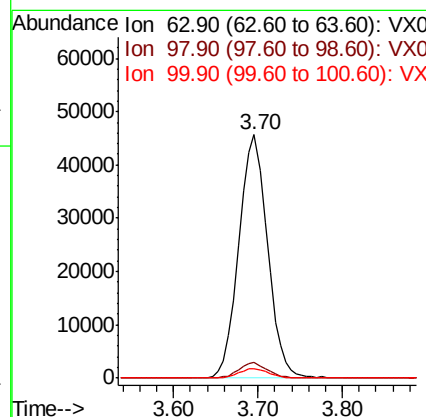
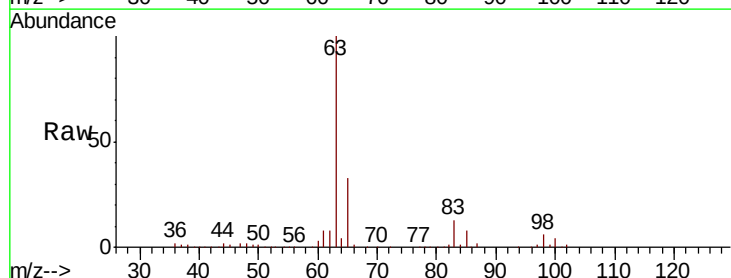
Manual Integrations
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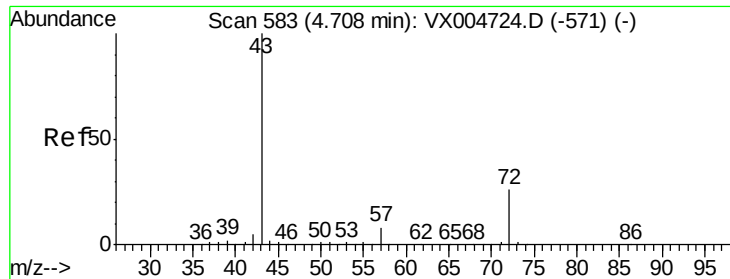
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#24
 1,1-Dichloroethane
 Concen: 22.199 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	3.9	2.0	5.8





#25

2-Butanone

Concen: 108.872 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 43 Resp: 266511

Ion Ratio Lower Upper

43 100

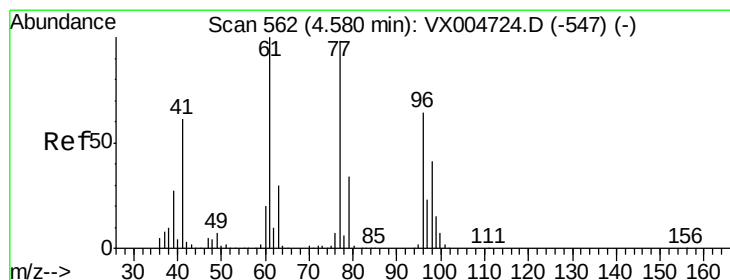
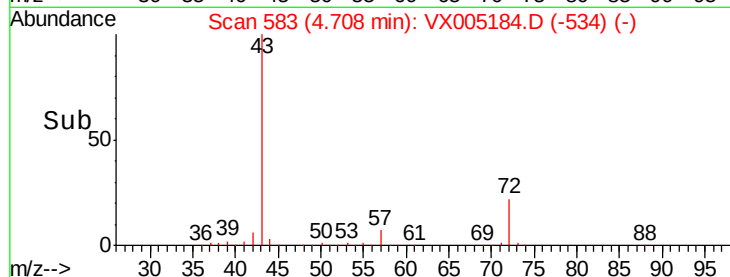
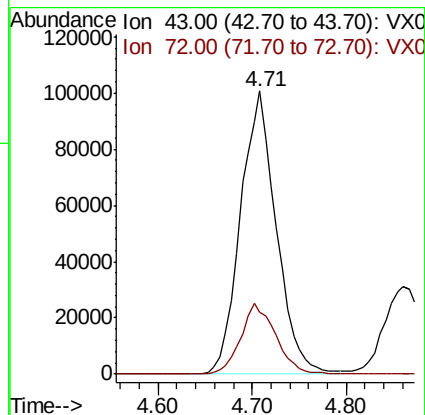
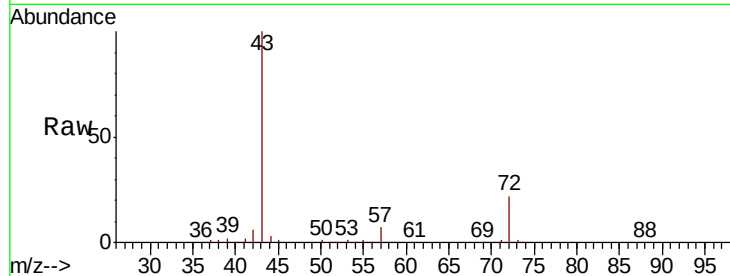
72 22.1 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 13.595 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005184.D

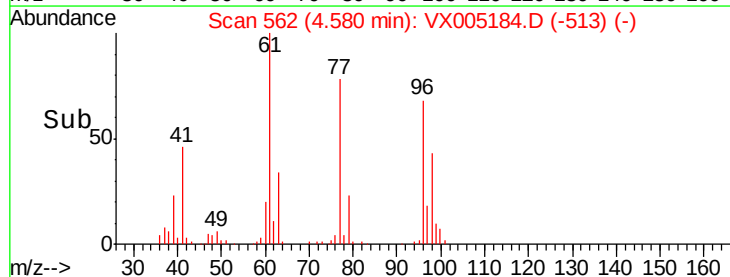
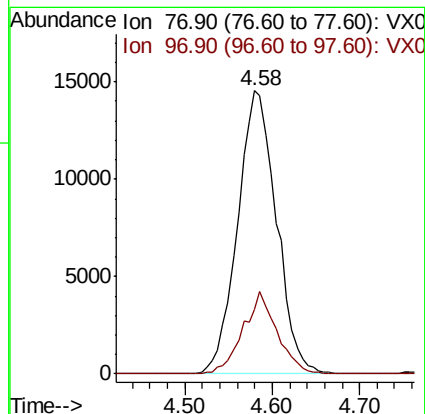
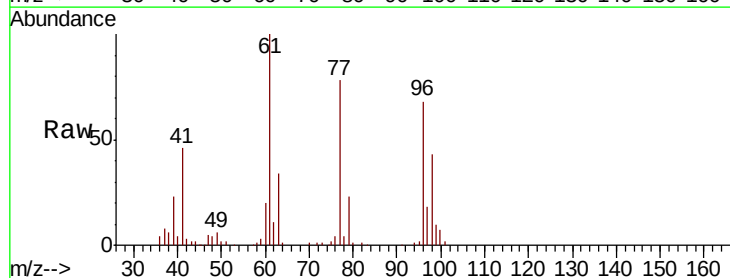
Acq: 10 Oct 2018 03:25

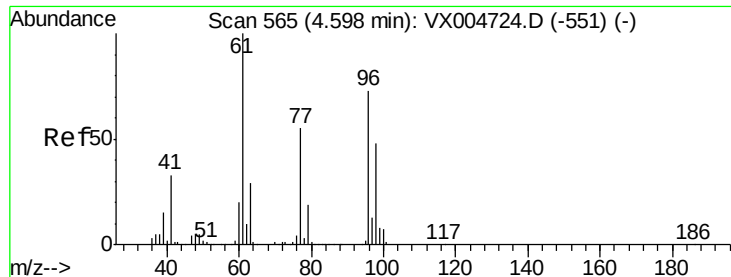
Tgt Ion: 77 Resp: 44767

Ion Ratio Lower Upper

77 100

97 25.5 12.6 37.8





#27

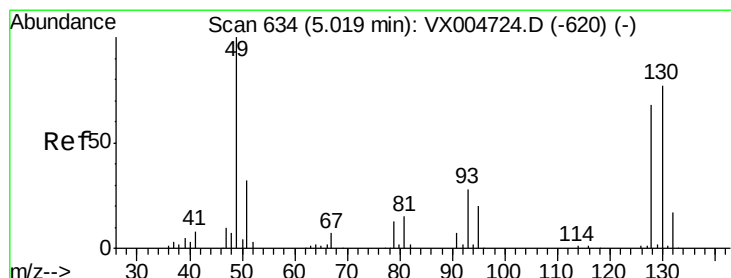
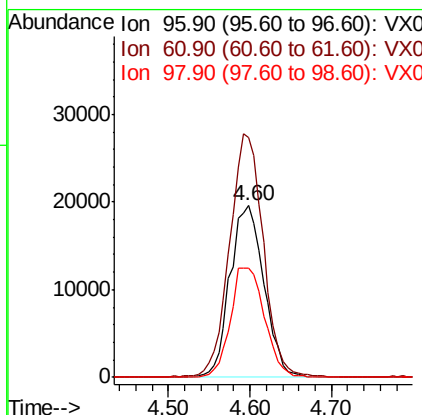
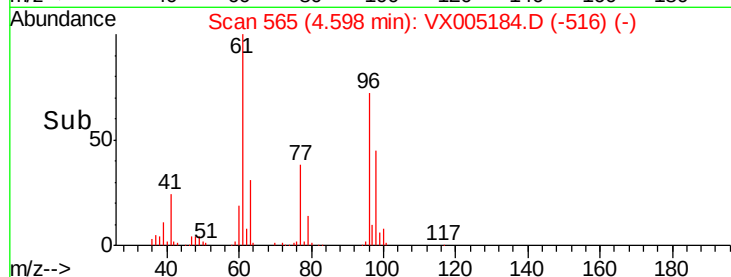
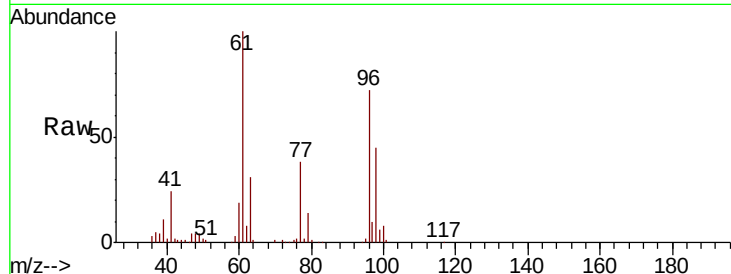
cis-1,2-Dichloroethene
Concen: 21.378 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	285.8
98	64.0	0.0	136.2

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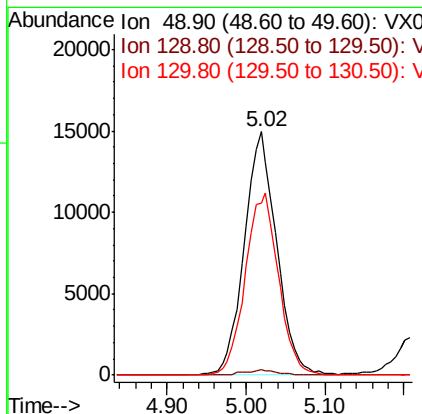
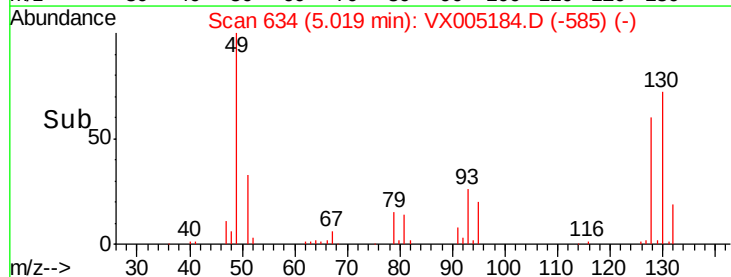
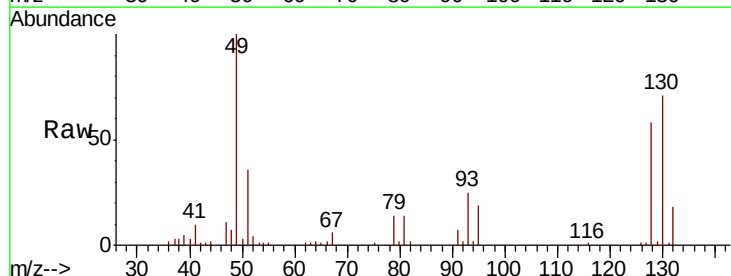
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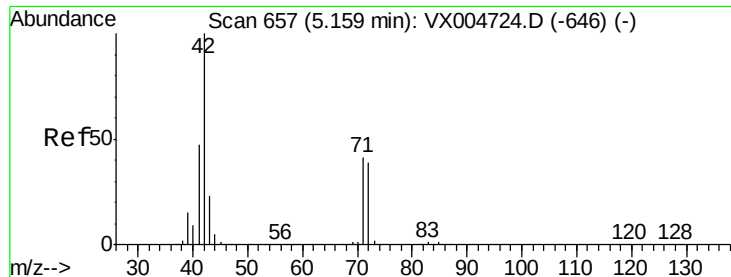


#28

Bromochloromethane
Concen: 19.147 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	76.2	62.0	93.0





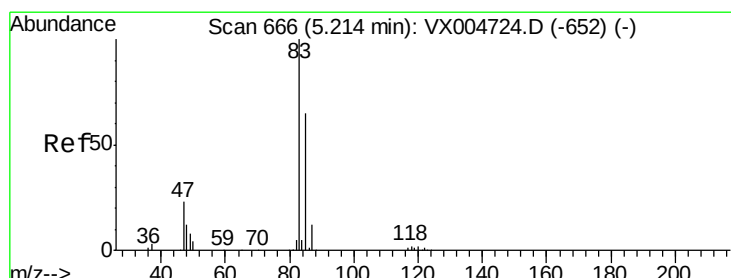
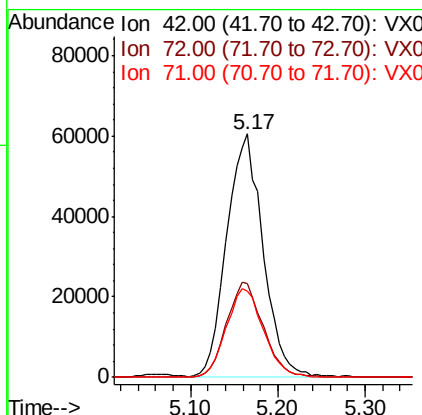
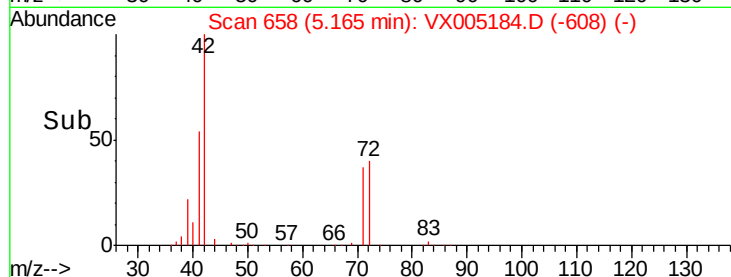
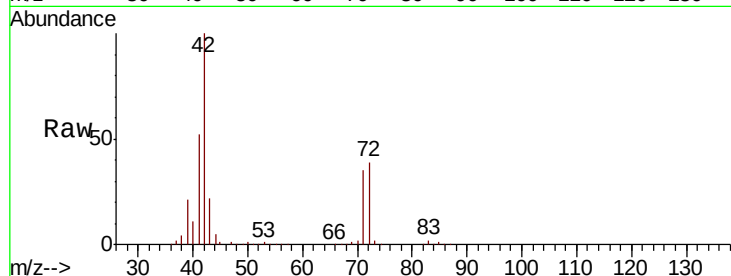
#29
Tetrahydrofuran
Concen: 113.744 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	33.7	50.5
71	37.9	32.2	48.4

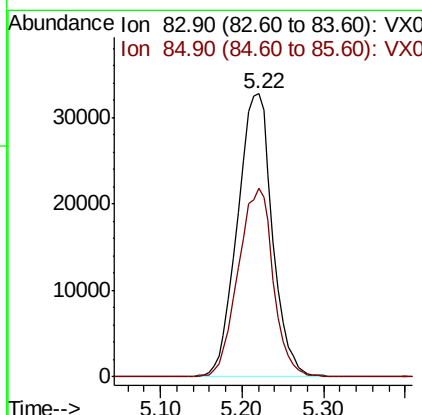
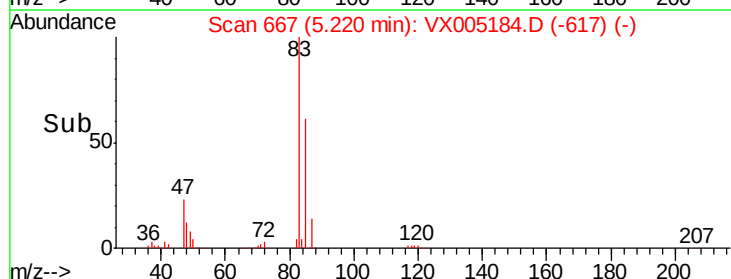
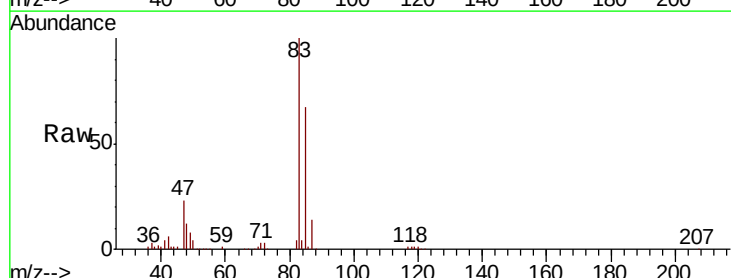
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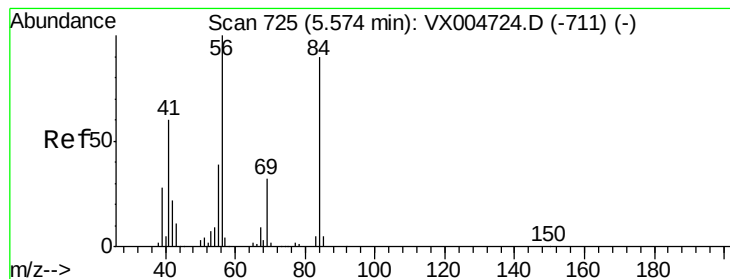
MMDadoda
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#30
Chloroform
Concen: 21.836 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.4	78.6





#31

Cyclohexane

Concen: 22.665 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

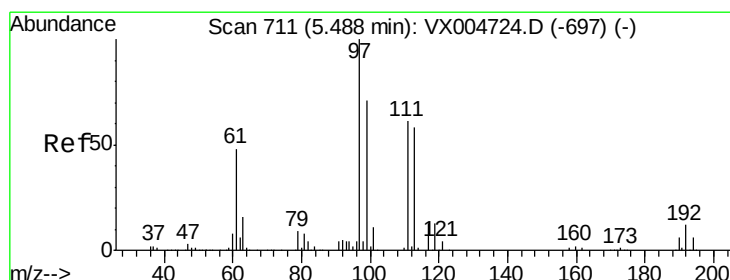
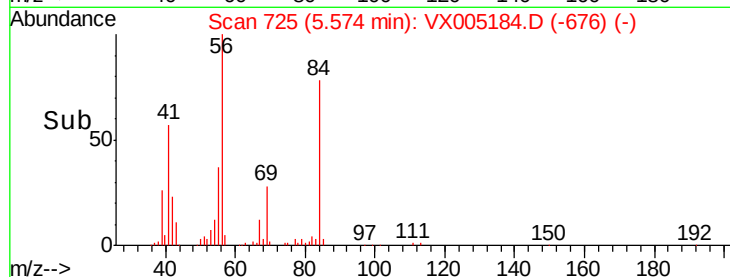
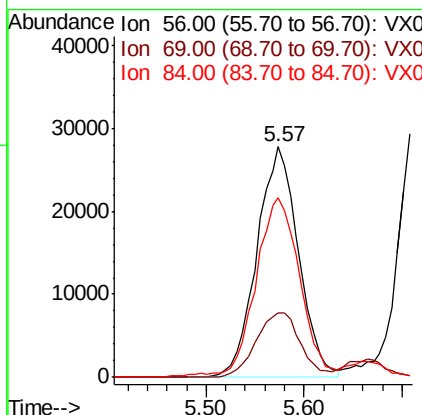
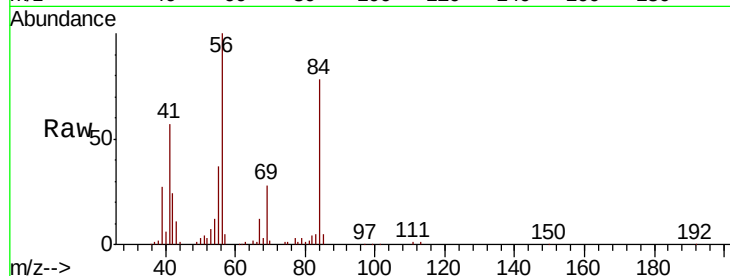
ClientSampleId :

VX1009WBS02

Tot Ion:	56	Resp:	82031
Ion	Ratio	Lower	Upper
56	100		
69	28.3	25.9	38.9
84	76.5	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 22.517 ug/l

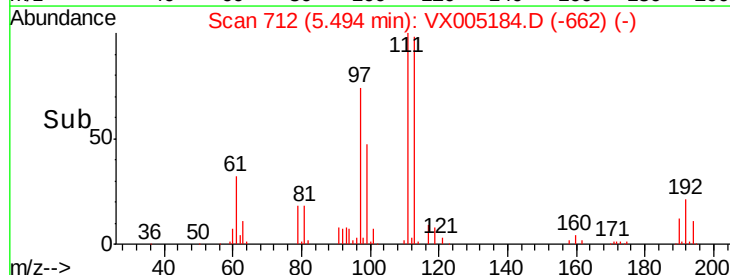
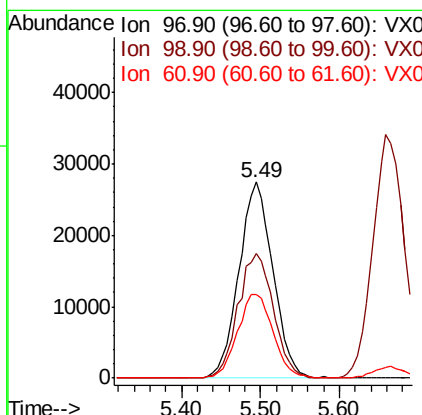
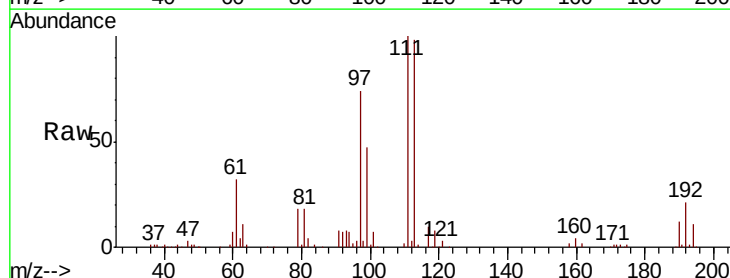
RT: 5.49 min Scan# 712

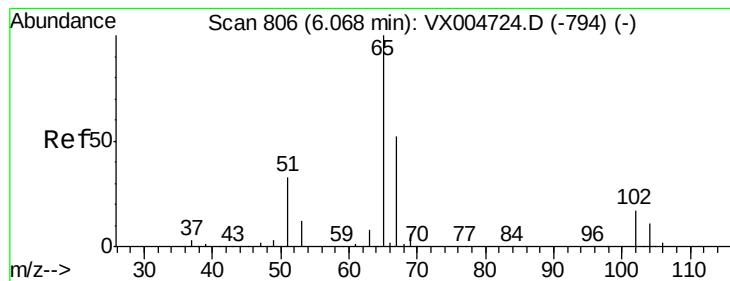
Delta R.T. 0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:	97	Resp:	82186
Ion	Ratio	Lower	Upper
97	100		
99	66.1	54.6	82.0
61	44.9	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 50.291 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 65 Resp: 143056

Ion Ratio Lower Upper

65 100

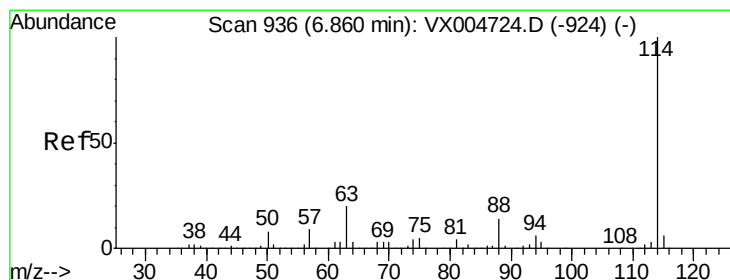
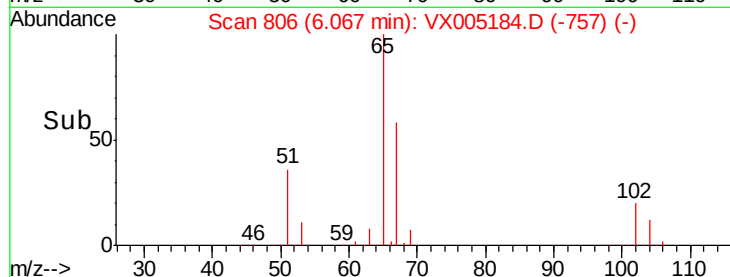
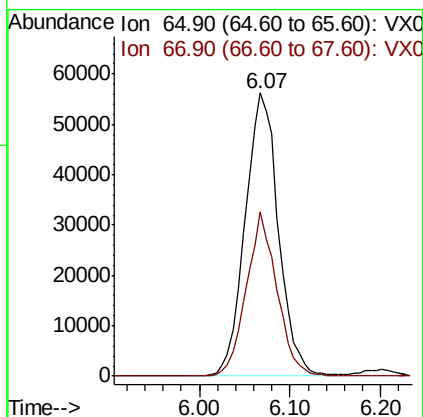
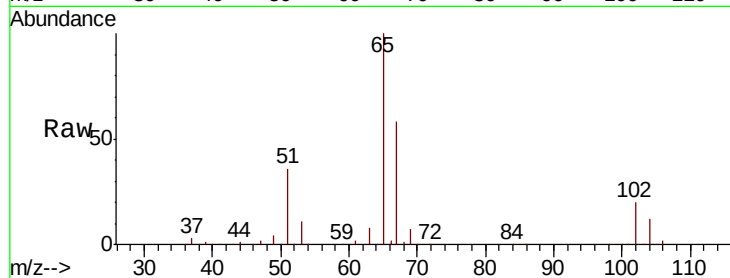
67 53.3 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

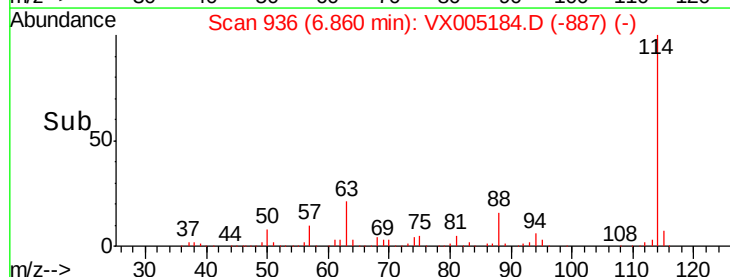
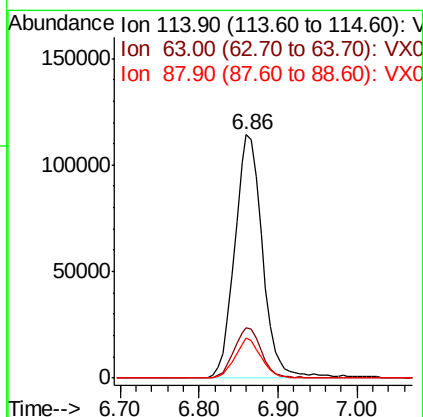
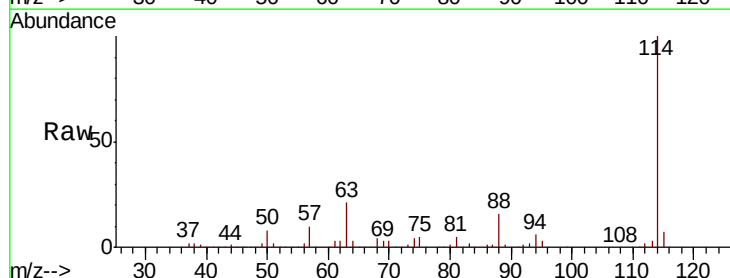
Tgt Ion: 114 Resp: 280447

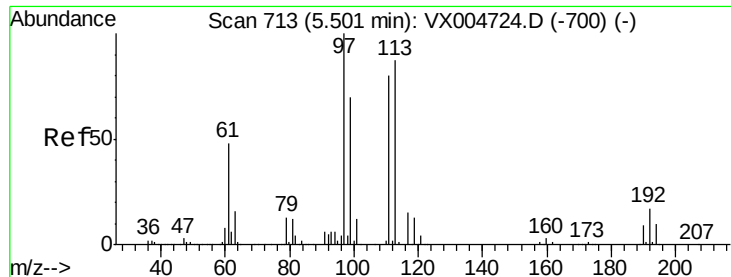
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

88 16.3 0.0 27.0





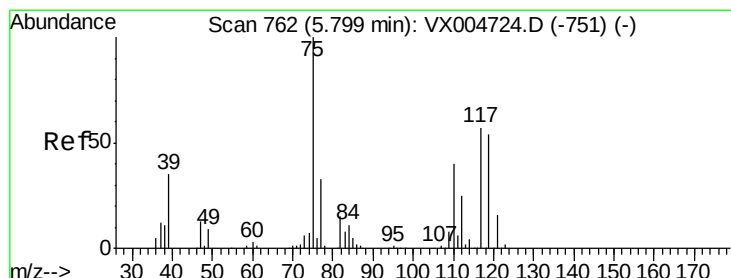
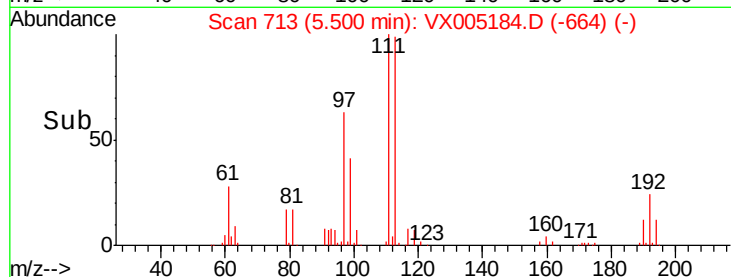
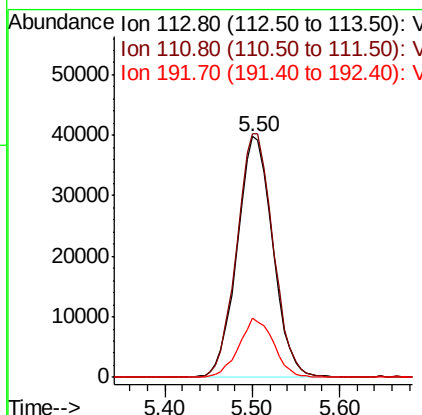
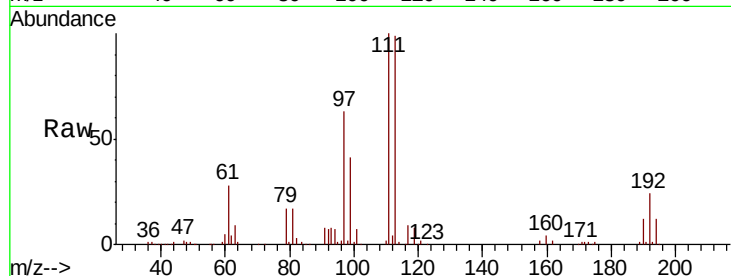
#35
Dibromofluoromethane
Concen: 47.397 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	77.0	115.4
192	23.9	17.0	25.6

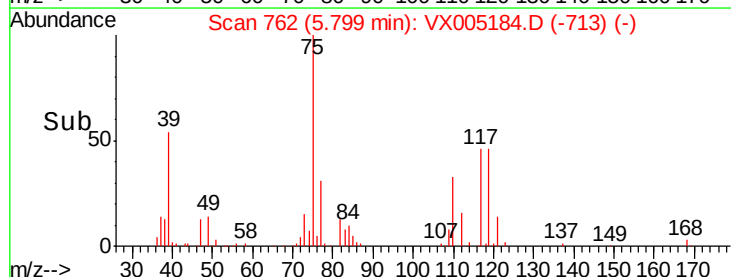
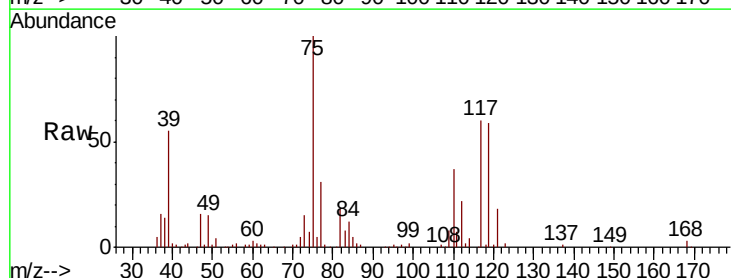
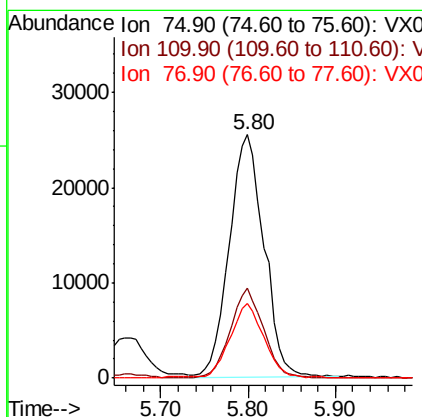
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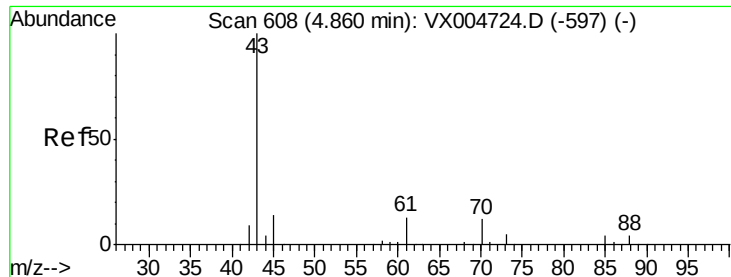
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#36
1,1-Dichloropropene
Concen: 21.642 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	20.0	59.9
77	29.0	27.1	40.7





#37

Ethyl Acetate

Concen: 22.021 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

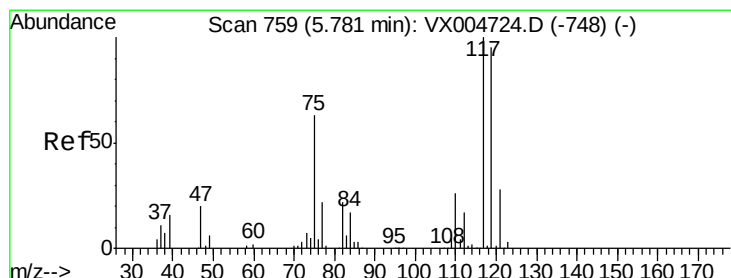
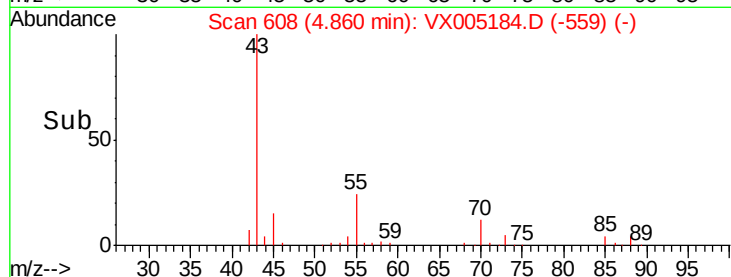
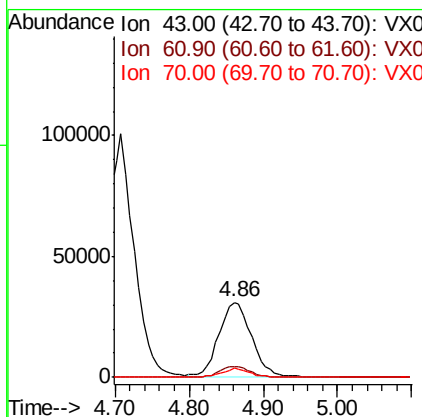
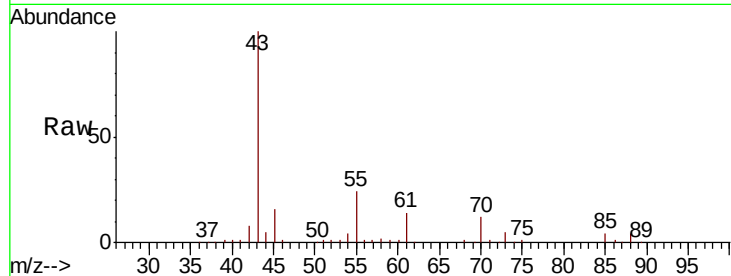
ClientSampleId :

VX1009WBS02

Tot Ion:	43	Resp:	94790
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.2	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 21.116 ug/l

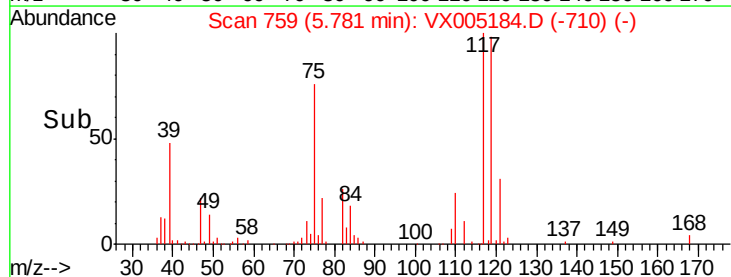
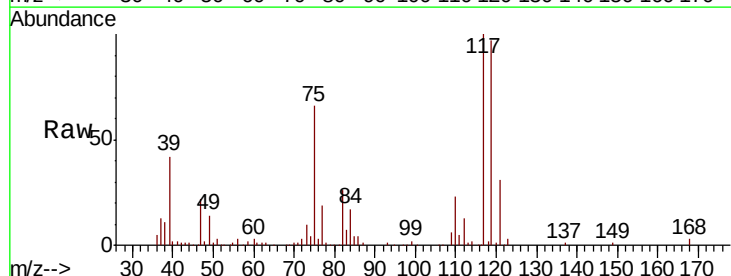
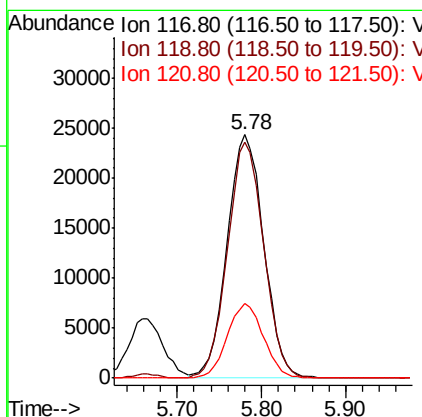
RT: 5.78 min Scan# 759

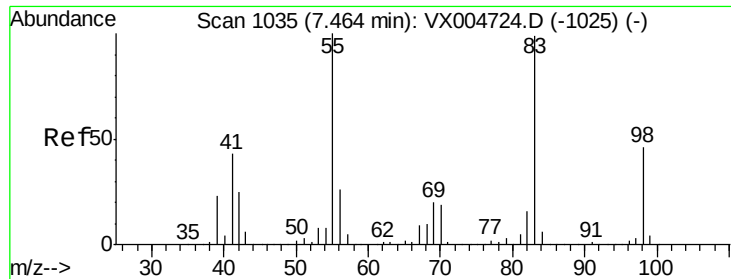
Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:	117	Resp:	71981
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.2	112.8
121	30.8	22.5	33.7





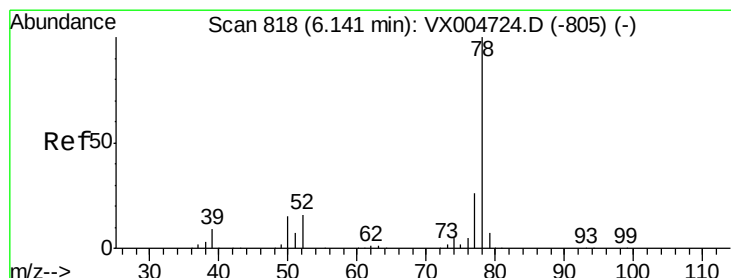
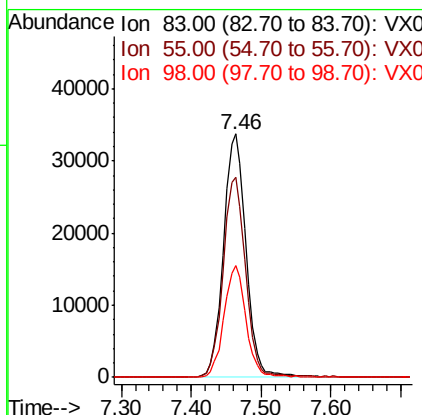
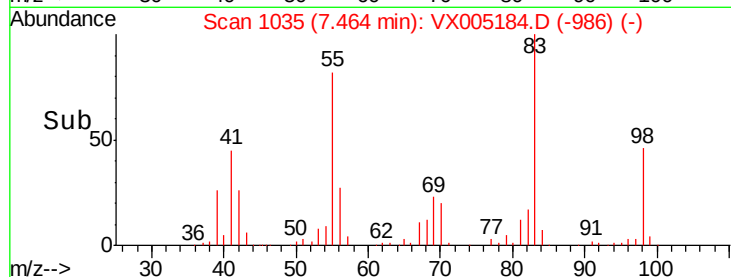
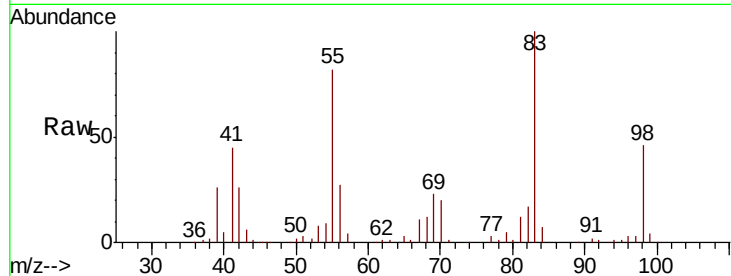
#39
Methylvlcyclohexane
Concen: 22.829 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	83.00	Resp	75595
Ion Ratio	100	Lower	Upper
83	100		
55	82.0	81.1	121.7
98	46.2	37.3	55.9

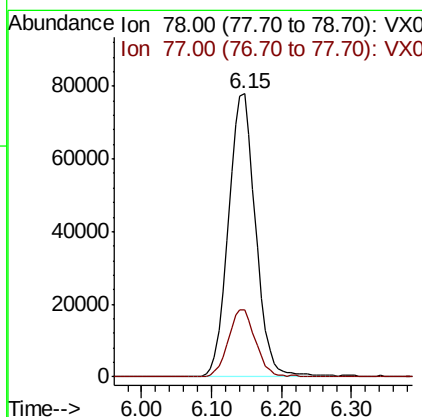
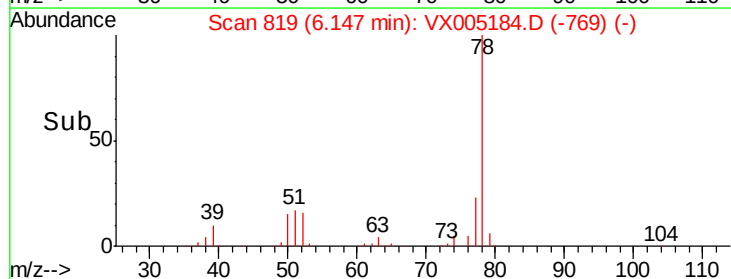
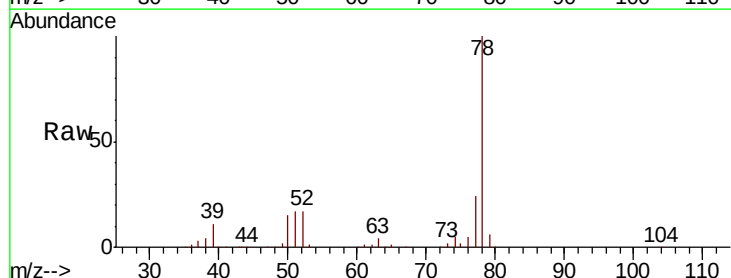
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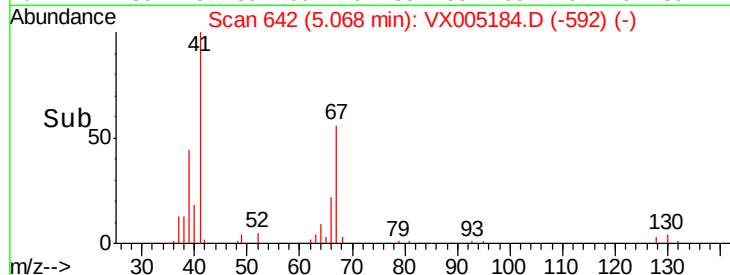
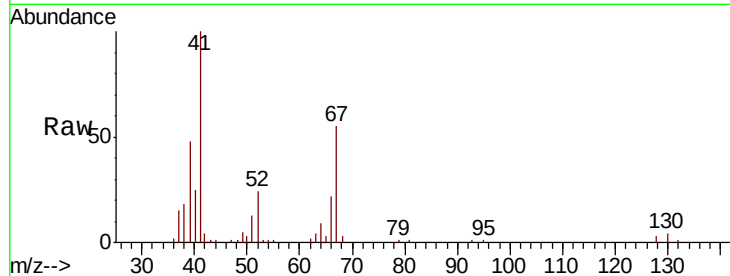
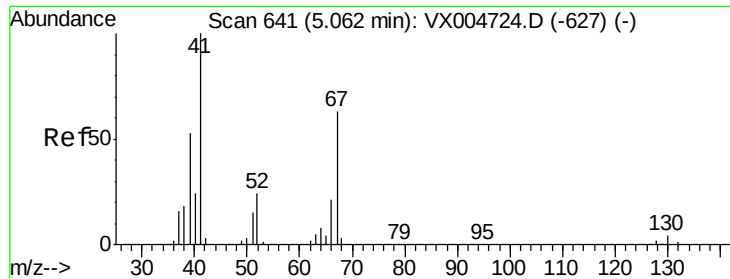
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#40
Benzene
Concen: 20.770 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

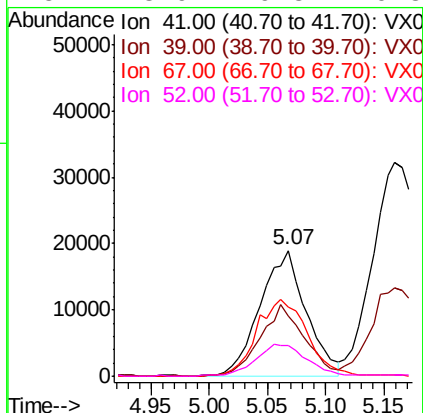
Tgt Ion	78.00	Resp	210867
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	21.0	31.4





#41
Methacrylonitrile
Concen: 21.563 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

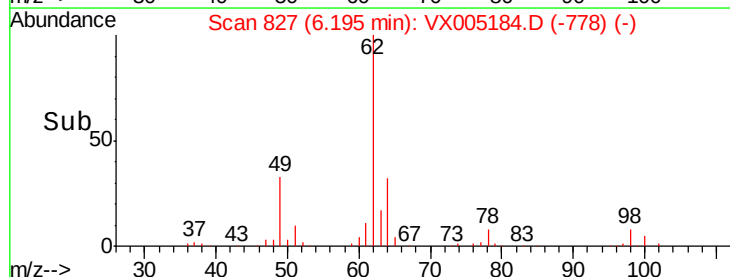
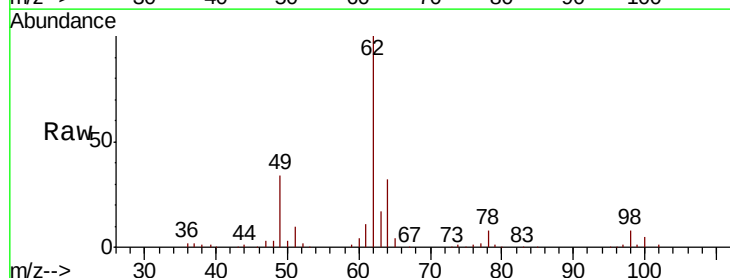
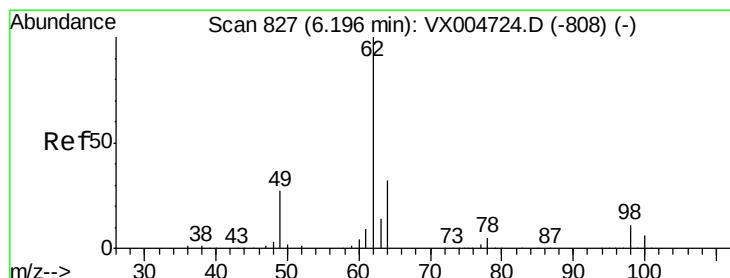
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.5	63.7
67	68.8	53.0	79.6
52	28.9	19.8	29.8



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

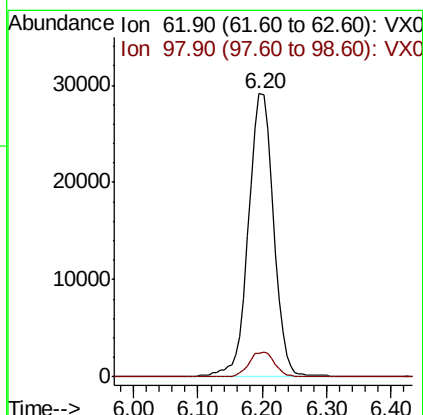
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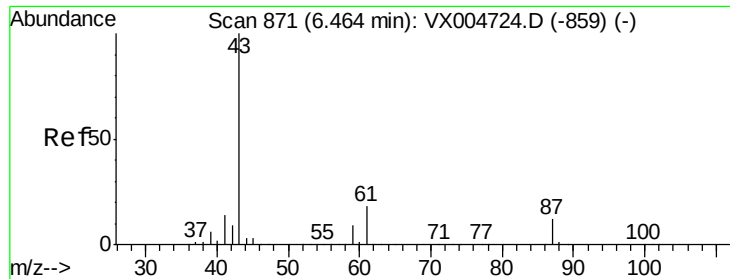
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#42
1,2-Dichloroethane
Concen: 21.730 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.026 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

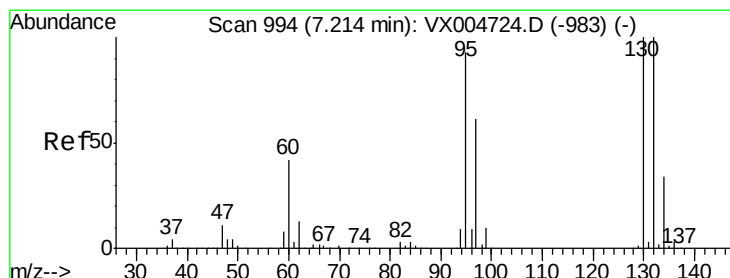
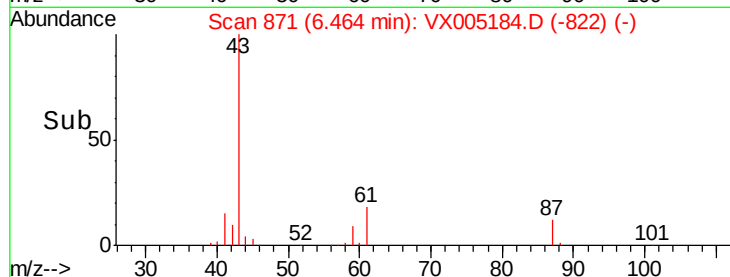
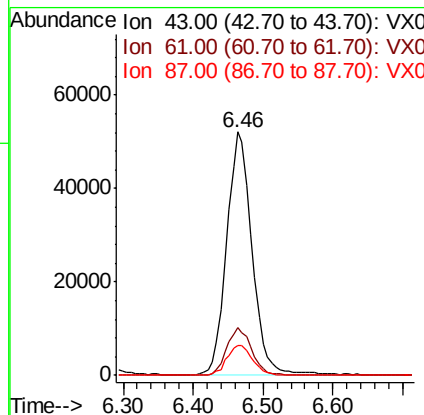
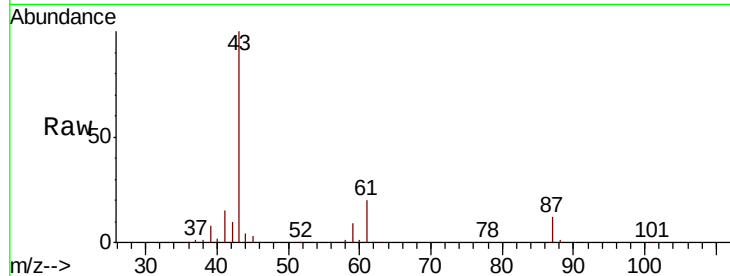
ClientSampleId :

VX1009WBS02

Tot Ion:	43	Resp:	130638
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.2	21.4
87	12.6	9.3	13.9

Manual Integrations
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10/11/2018 5:31:52 PM



#44

Trichloroethene

Concen: 22.523 ug/l

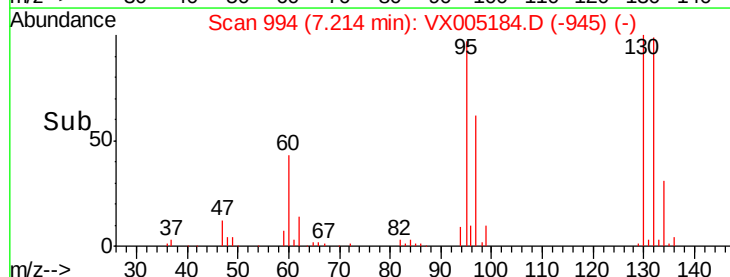
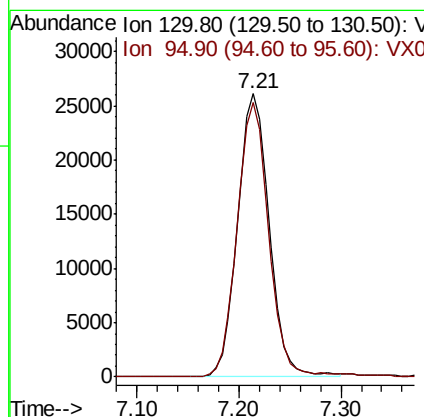
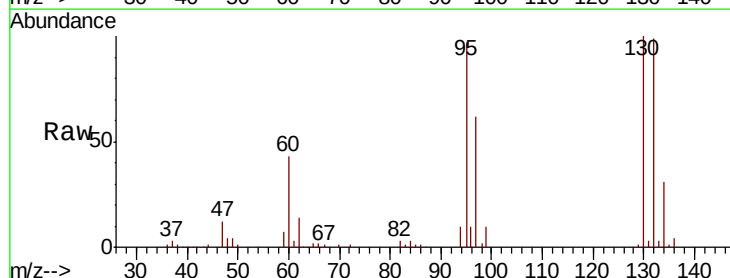
RT: 7.21 min Scan# 994

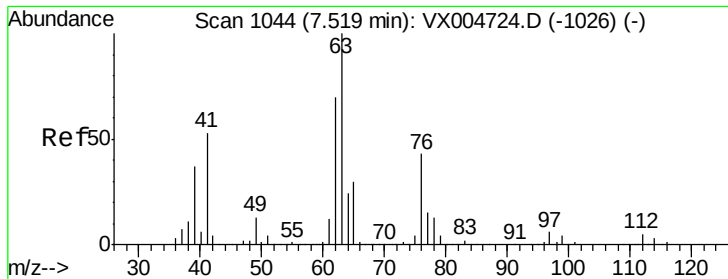
Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:	130	Resp:	56213
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	186.8





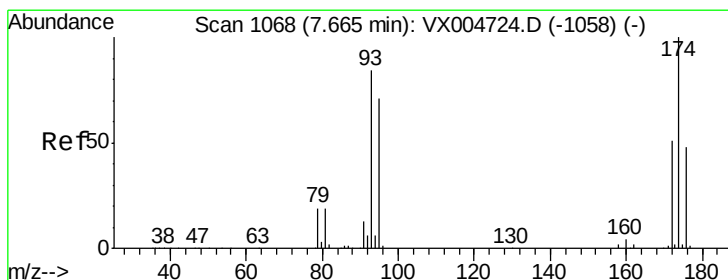
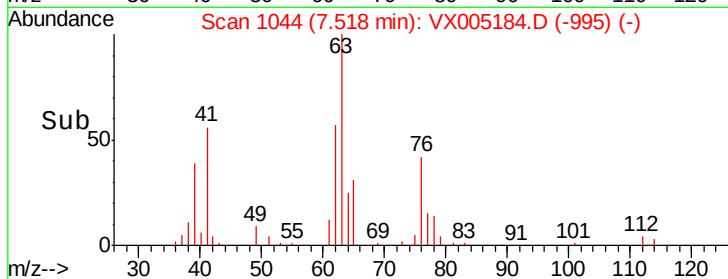
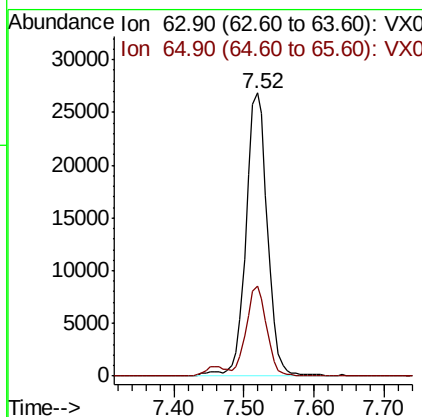
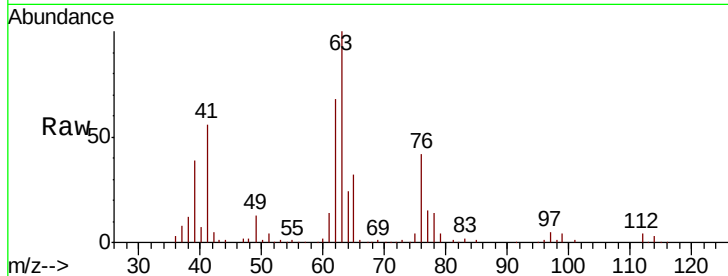
#45
 1,2-Dichloropropane
 Concen: 23.049 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 63 Resp: 57386
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.9 35.9

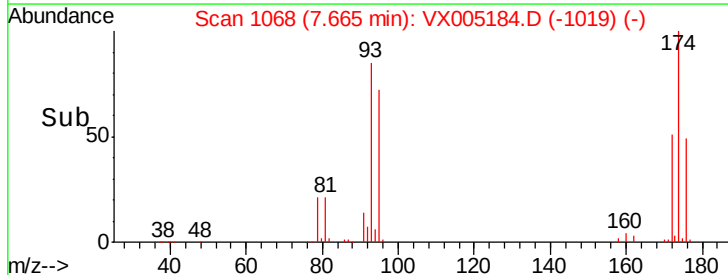
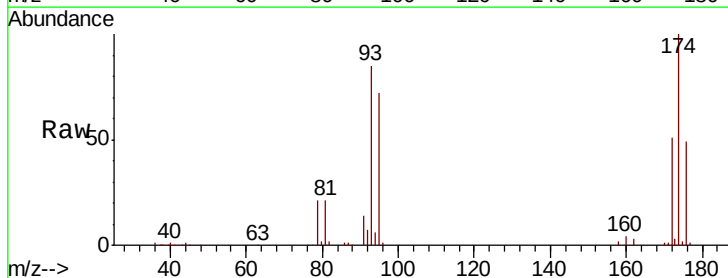
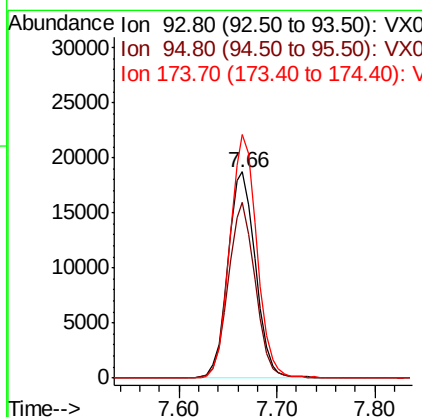
Manual Integrations
 APPROVED

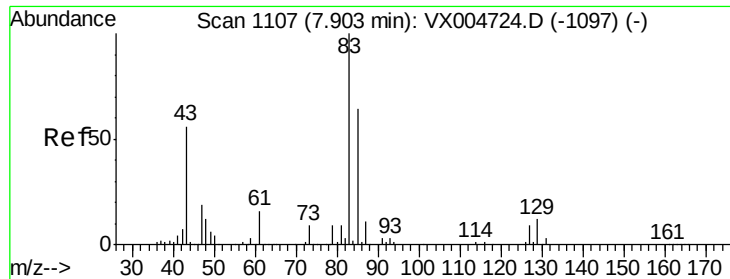
MMDadoda
 10/11/2018 5:31:52 PM



#46
 Dibromomethane
 Concen: 23.377 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 93 Resp: 36577
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 115.3 92.7 139.1





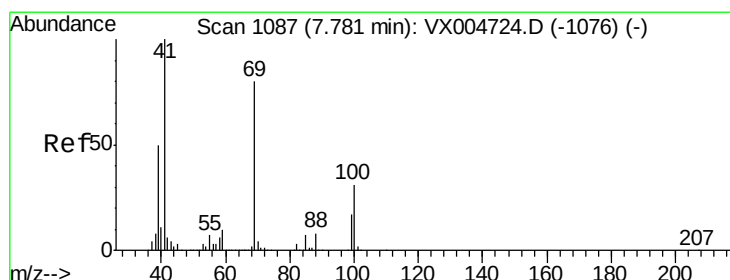
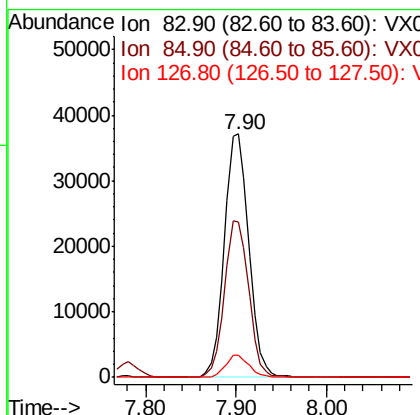
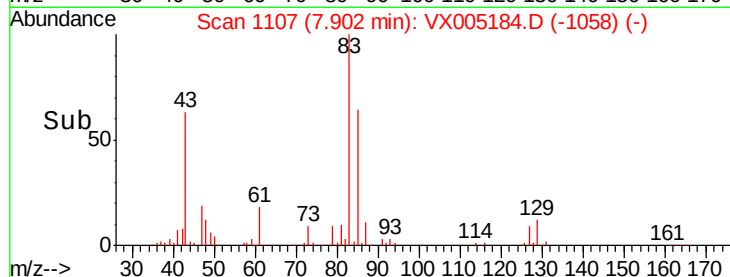
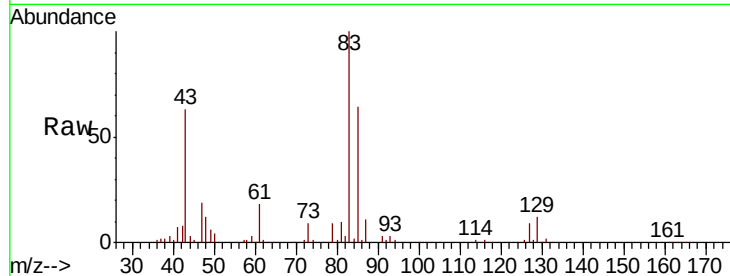
#47
Bromodichloromethane
Concen: 23.823 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	69788		
85	64.0		51.2	76.8
127	9.2		7.0	10.6

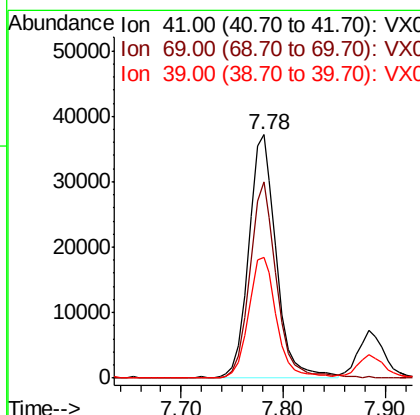
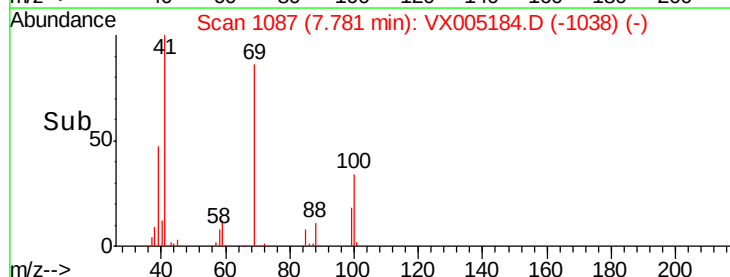
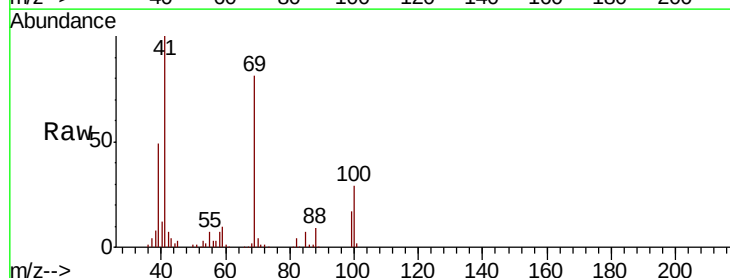
Manual Integrations
APPROVED

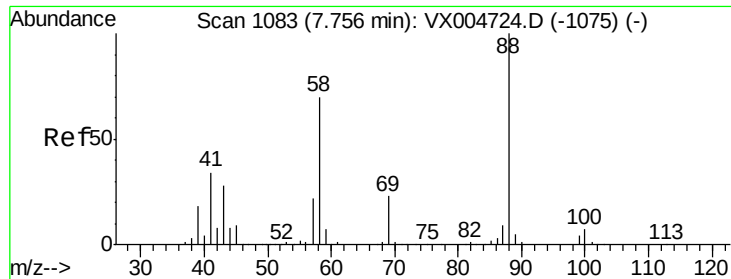
MMDadoda
10/11/2018 5:31:52 PM



#48
Methyl methacrylate
Concen: 24.819 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	69991		
69	78.7		63.8	95.6
39	50.2		40.7	61.1





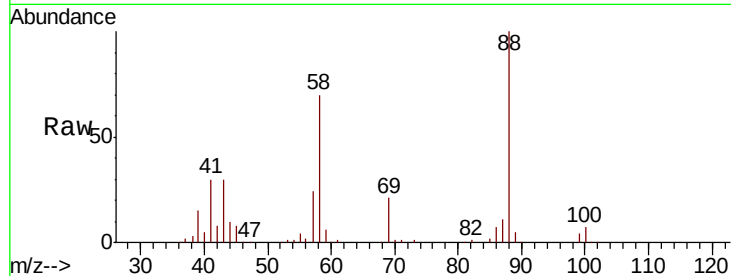
#49
1,4-Dioxane
Concen: 460.892 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	88	Resp	32290
Ion Ratio	Lower	Upper	
88	100		
43	34.7	25.1	37.7
58	74.6	56.2	84.2

Manual Integrations
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MMDadoda
10/11/2018 5:31:52 PM

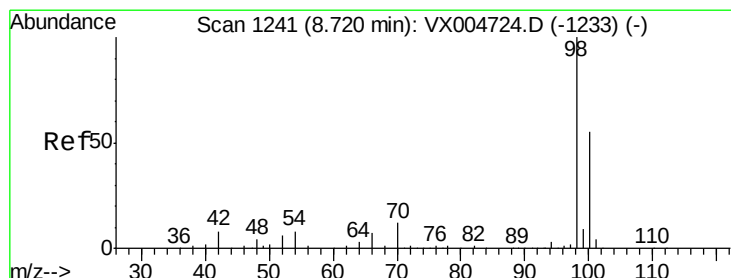
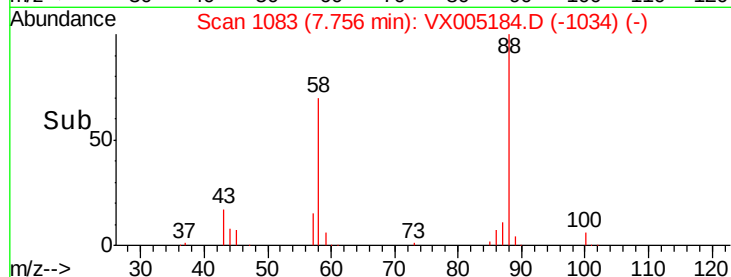
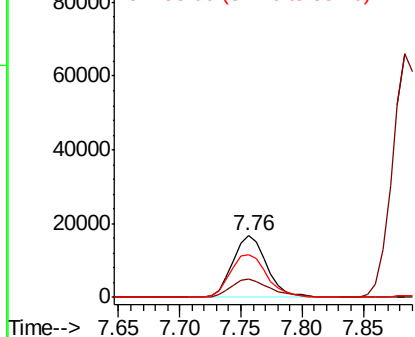


Abundance

Ion 88.00 (87.70 to 88.70): VX0

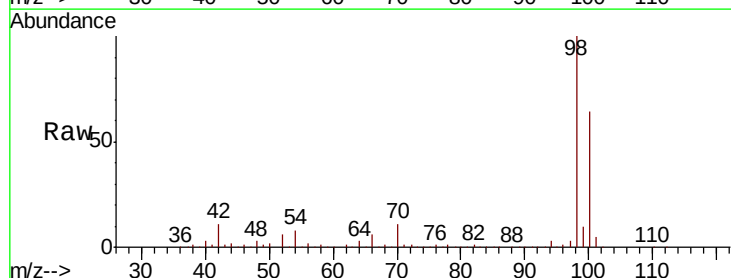
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 52.921 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

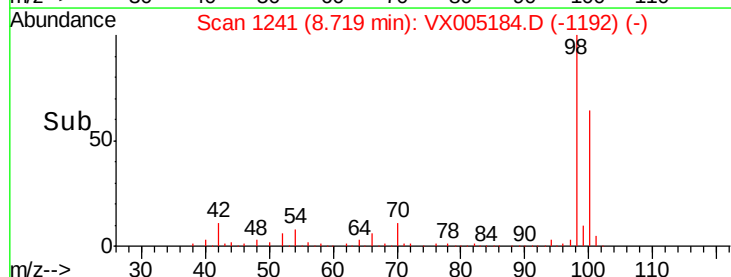
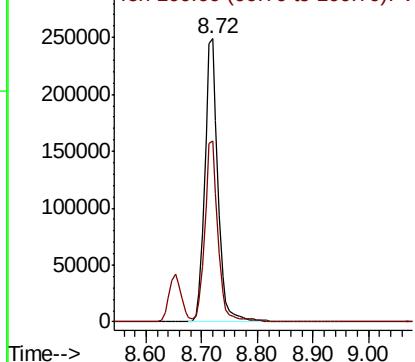
Tgt Ion	98	Resp	418167
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.9	77.9

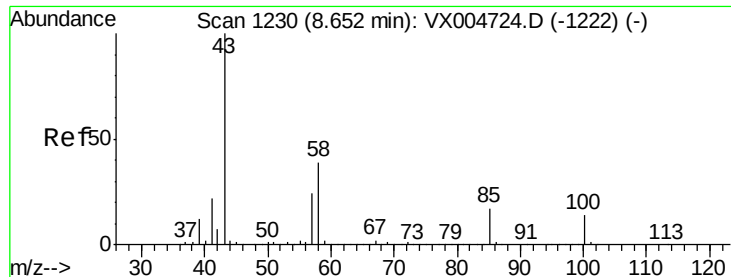


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





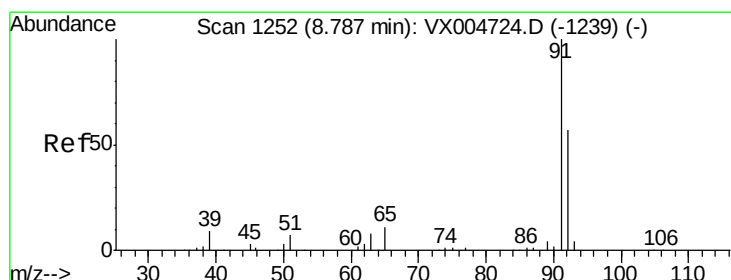
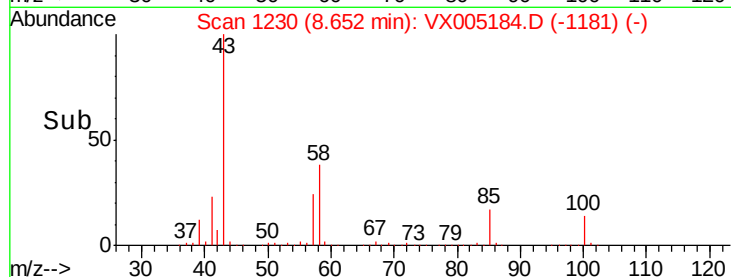
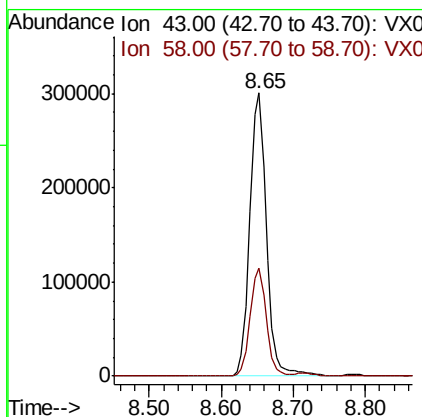
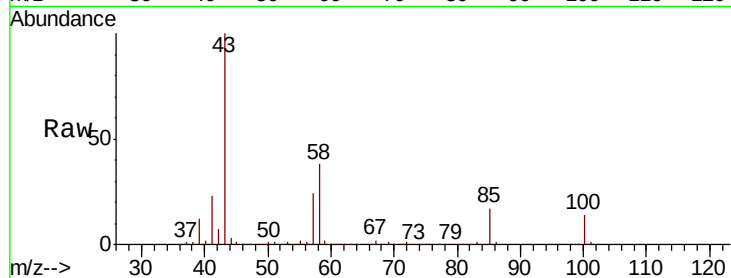
#51
4-Methyl-2-Pentanone
Concen: 123.505 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.9	30.5	45.7

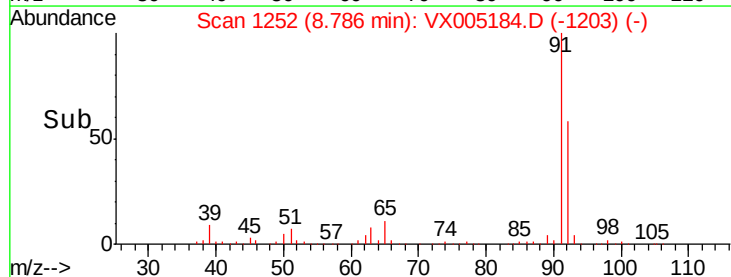
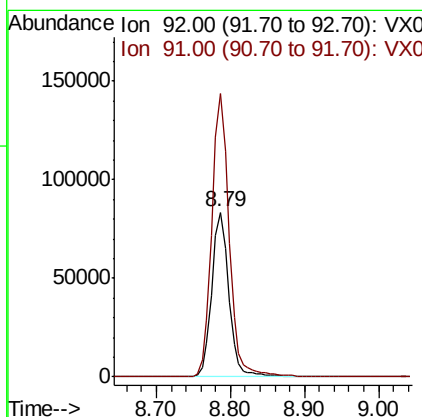
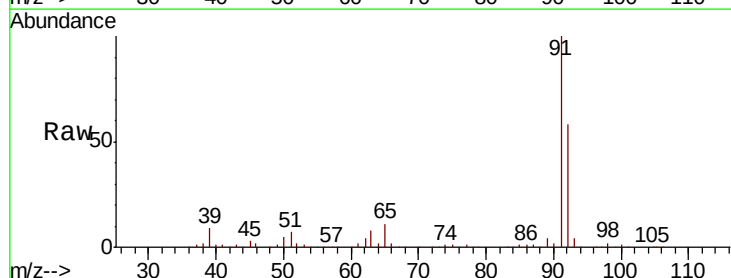
Manual Integrations
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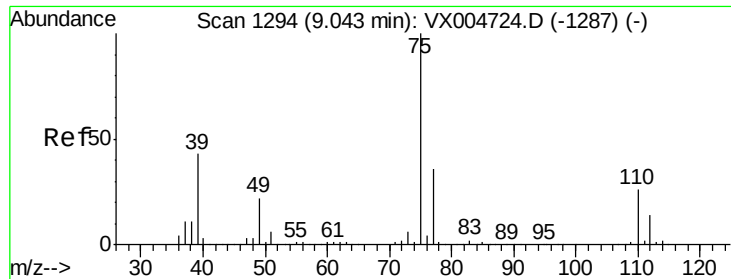
MMDadoda
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#52
Toluene
Concen: 23.772 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	136.7	205.1





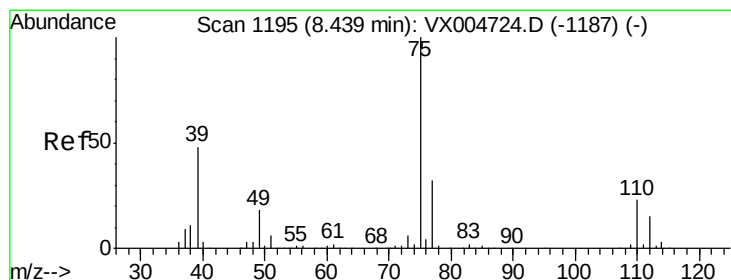
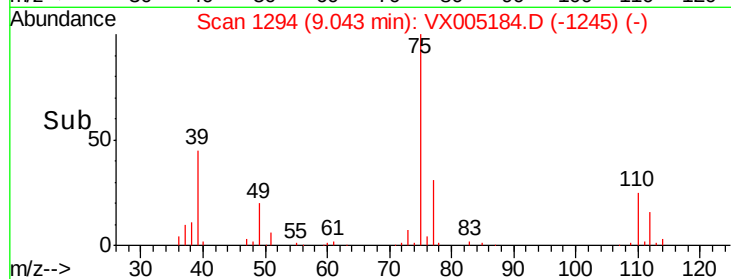
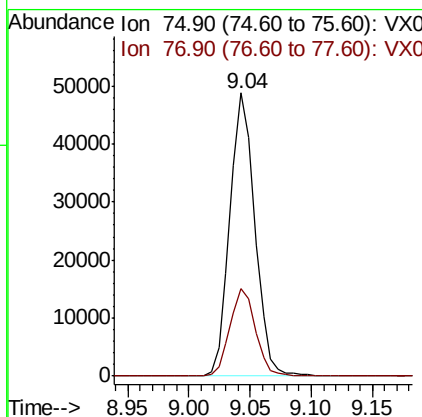
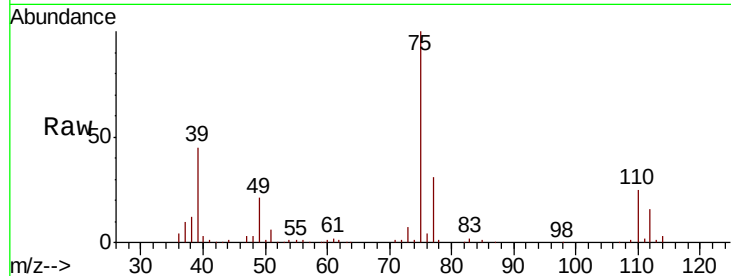
#53
 t-1,3-Dichloropropene
 Concen: 20.870 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion: 75 Resp: 69089
 Ion Ratio Lower Upper
 75 100
 77 31.0 28.9 43.3

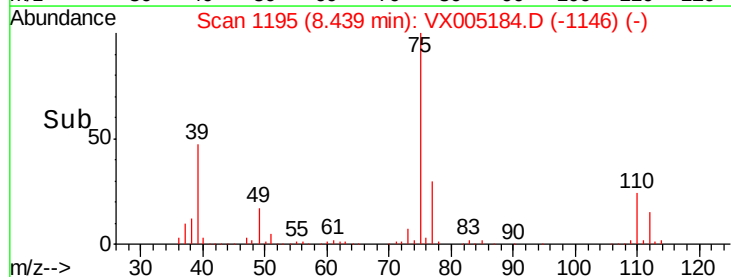
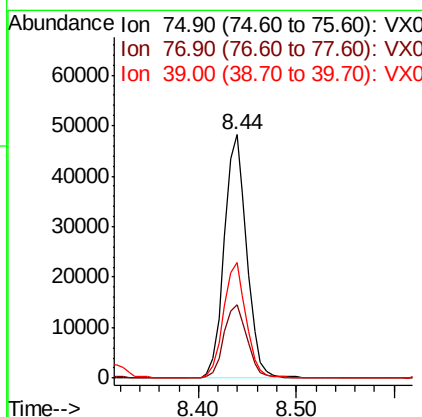
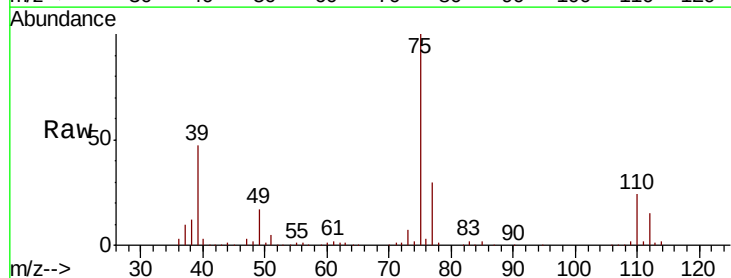
Manual Integrations
 APPROVED

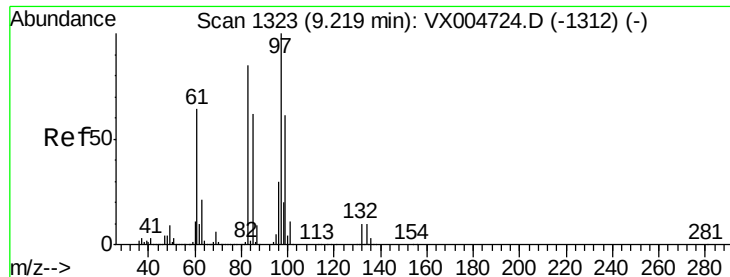
MMDadoda
 10/11/2018 5:31:52 PM



#54
 cis-1,3-Dichloropropene
 Concen: 22.149 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion: 75 Resp: 76800
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5
 39 47.1 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 22.622 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 97 Resp: 55280

Ion Ratio Lower Upper

97 100

83 84.8 68.2 102.2

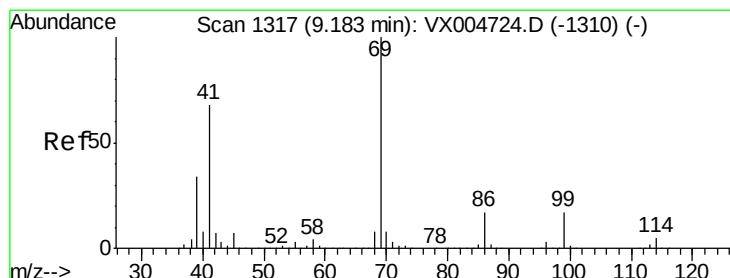
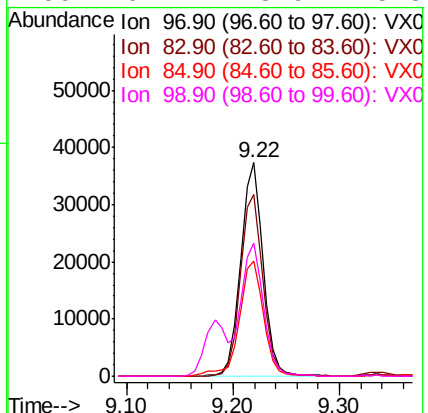
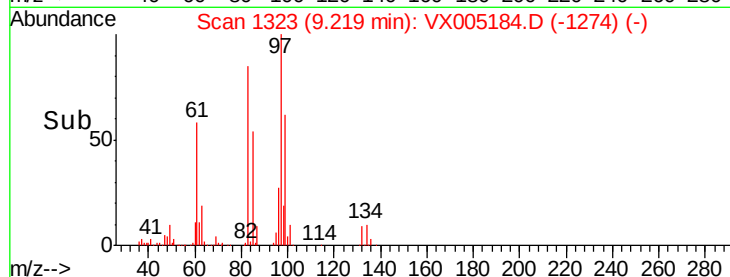
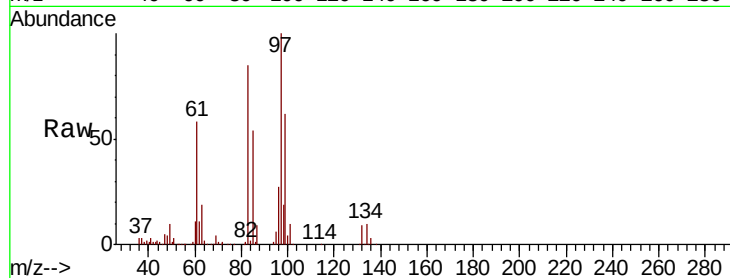
85 54.0 49.9 74.9

99 62.2 48.9 73.3

Manual Integrations
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10/11/2018 5:31:52 PM



#56

Ethyl methacrylate

Concen: 21.568 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

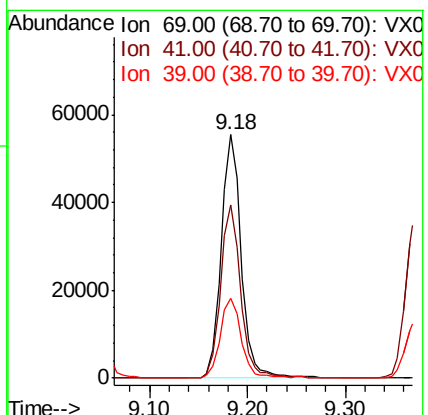
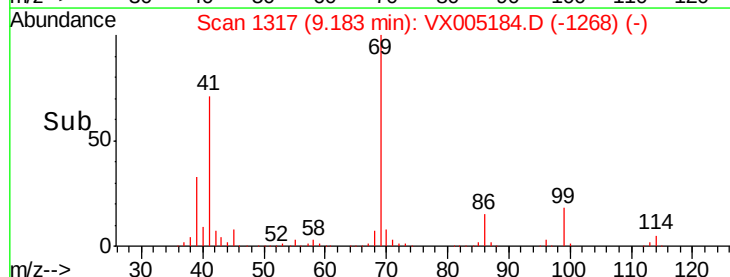
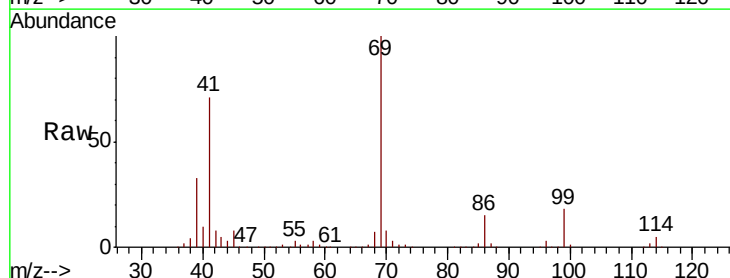
Tgt Ion: 69 Resp: 78680

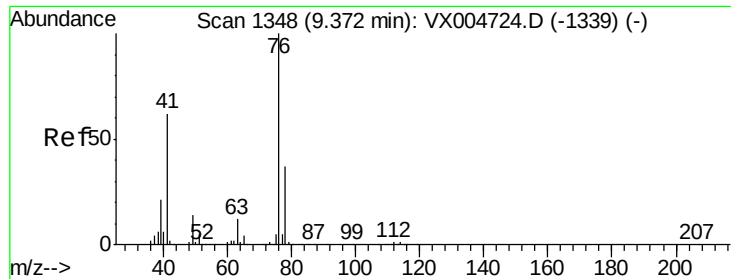
Ion Ratio Lower Upper

69 100

41 70.8 56.9 85.3

39 34.2 28.4 42.6





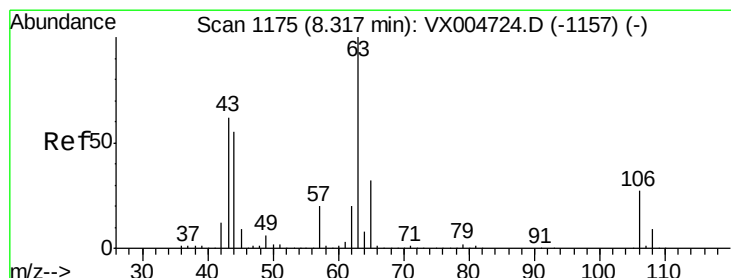
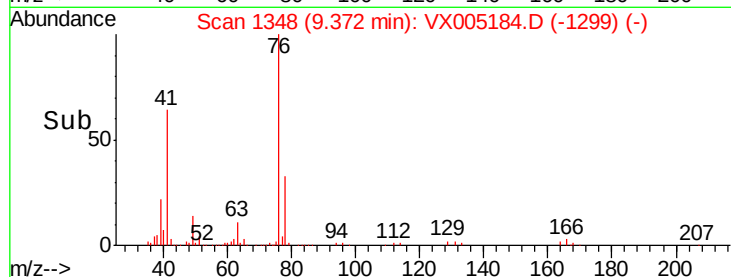
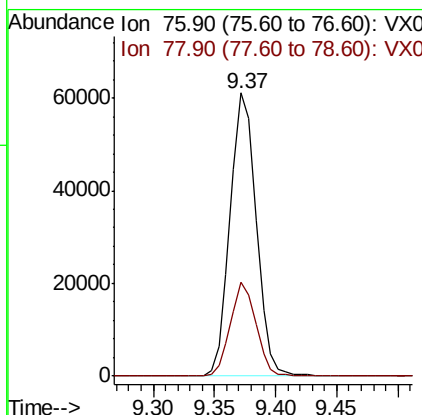
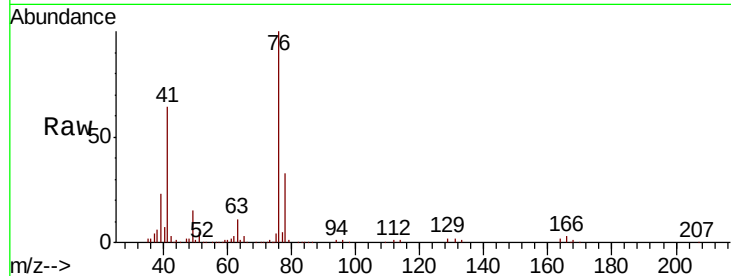
#57
 1,3-Dichloropropane
 Concen: 22.266 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.6	40.0

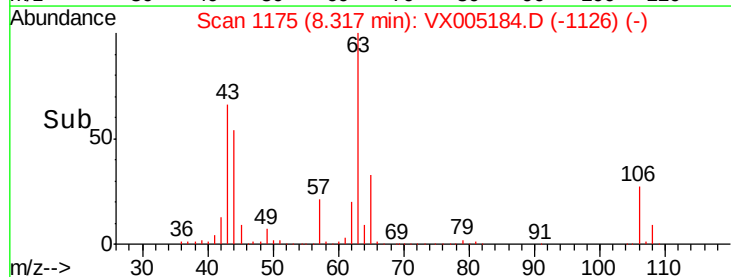
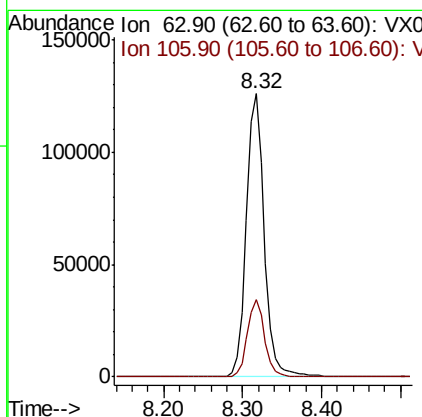
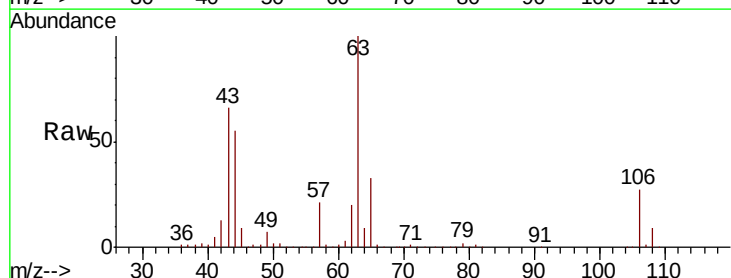
Manual Integrations
 APPROVED

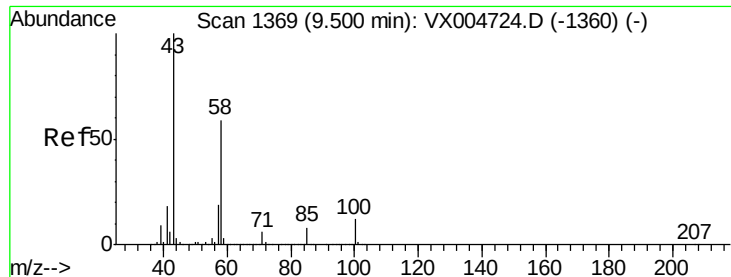
MMDadoda
 10/11/2018 5:31:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.180 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.0	31.6





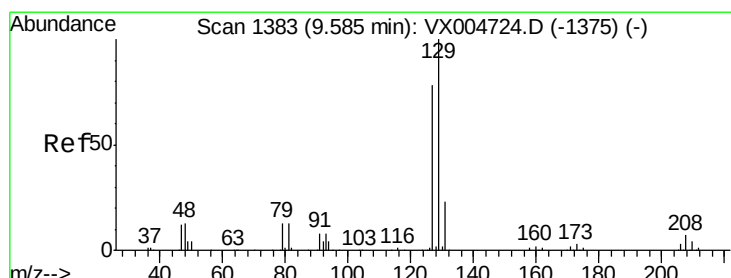
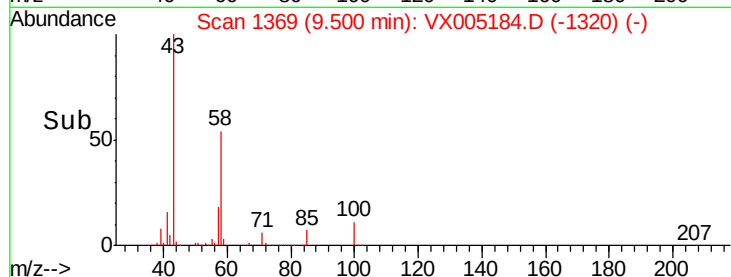
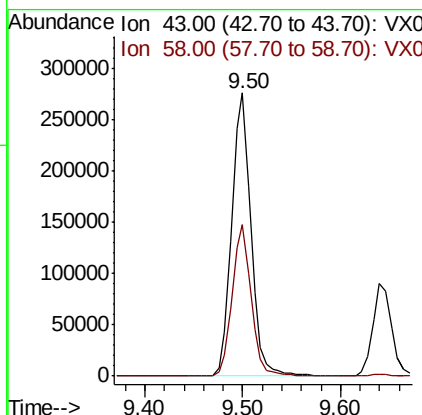
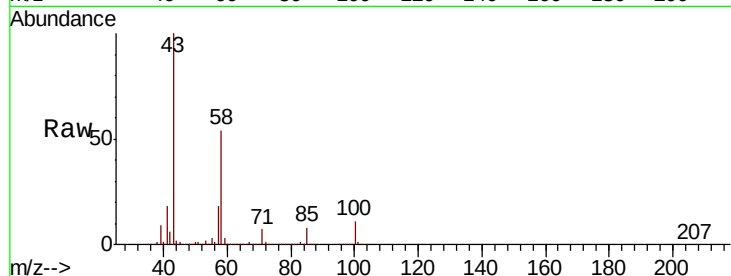
#59
2-Hexanone
Concen: 116.226 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 43 Resp: 378892
Ion Ratio Lower Upper
43 100
58 52.9 28.4 85.3

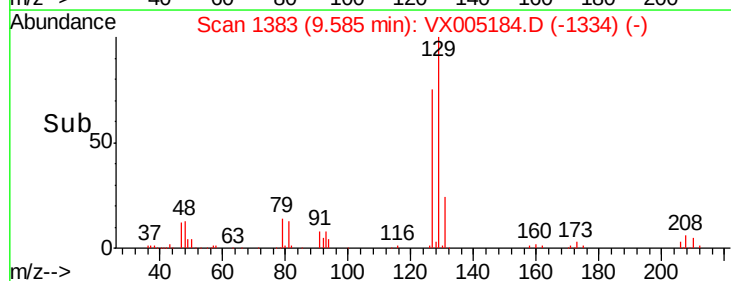
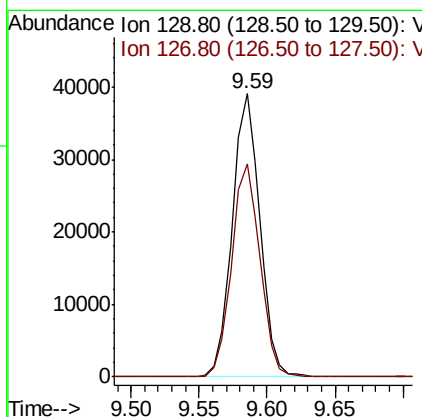
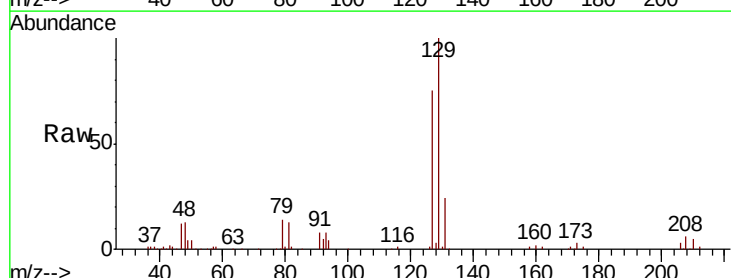
Manual Integrations
APPROVED

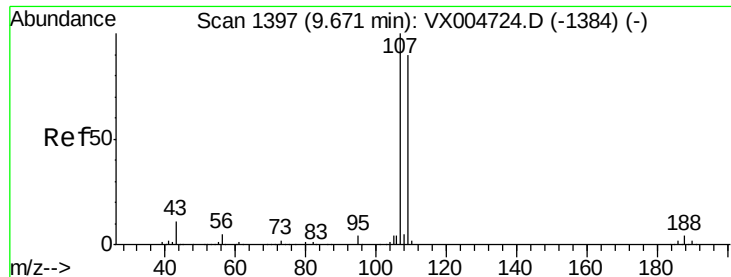
MMDadoda
10/11/2018 5:31:52 PM



#60
Dibromochloromethane
Concen: 22.568 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 129 Resp: 55151
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.947 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:107 Resp: 57436

Ion Ratio Lower Upper

107 100

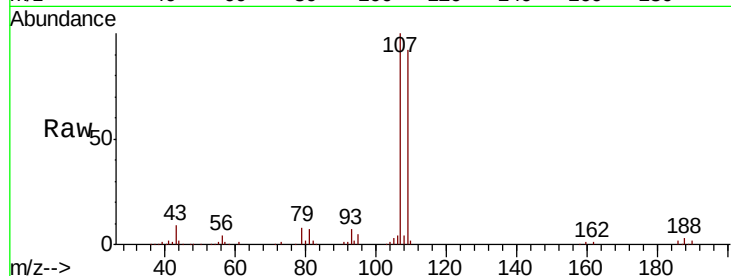
109 94.0 72.1 108.1

Manual Integrations

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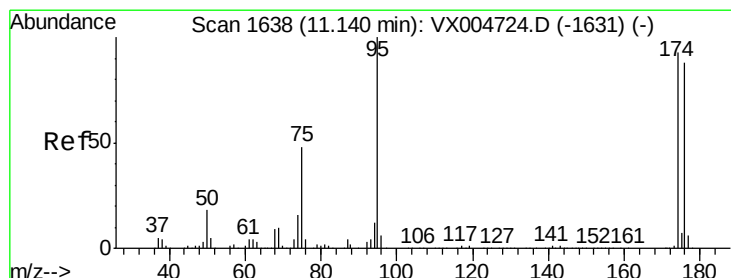
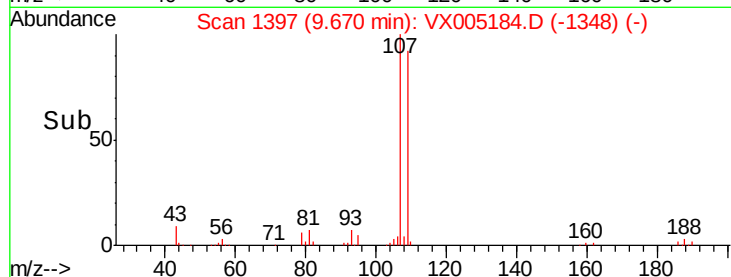
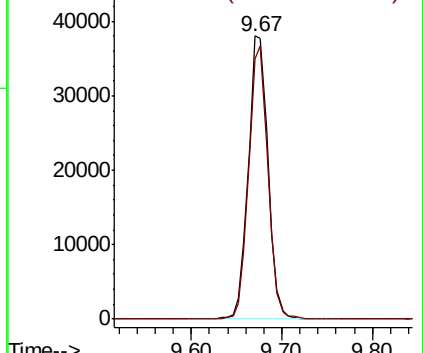
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.355 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

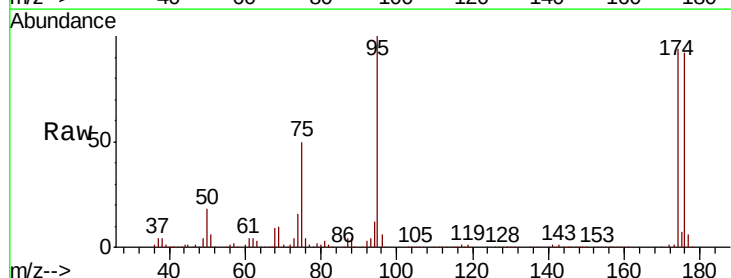
Tgt Ion: 95 Resp: 154728

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

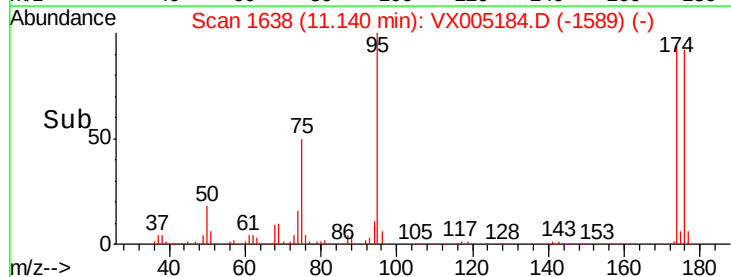
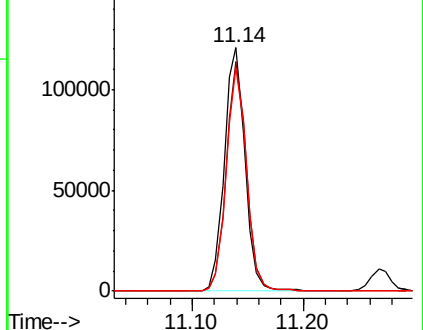
176 90.0 0.0 180.2

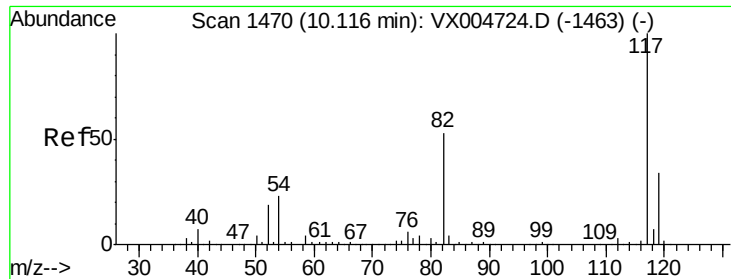


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





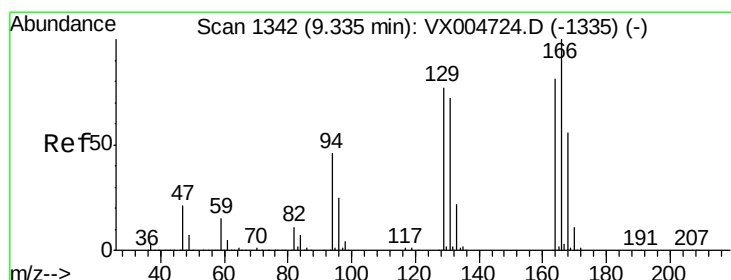
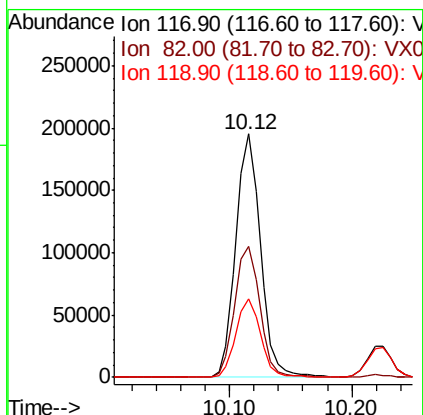
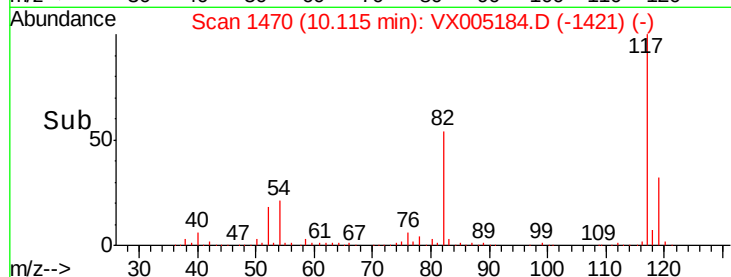
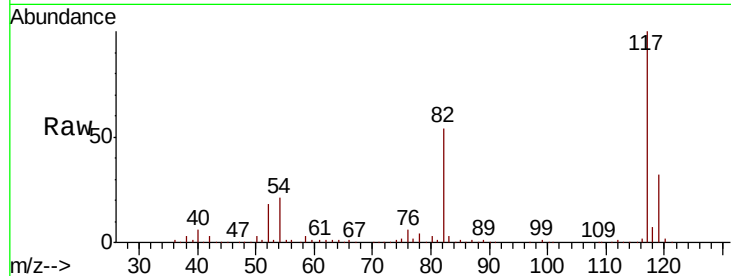
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	32.0	27.4	41.0

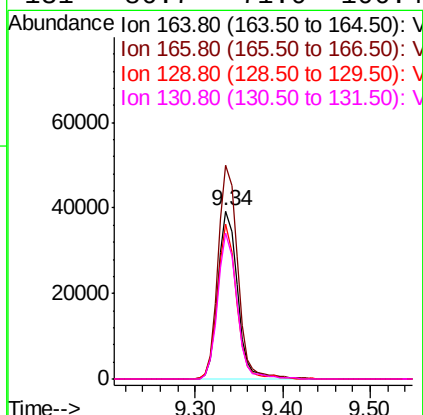
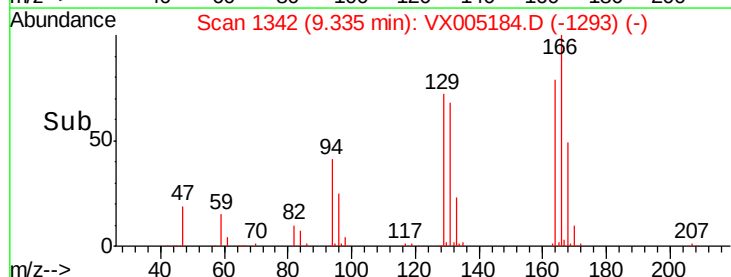
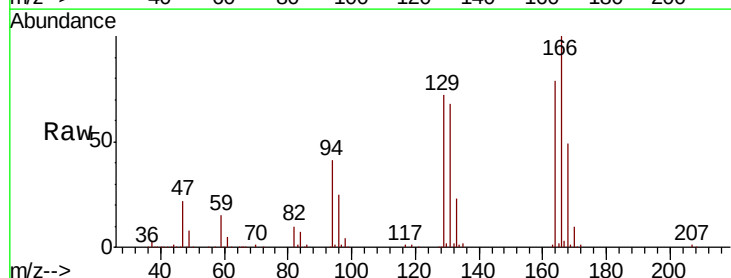
Manual Integrations
APPROVED

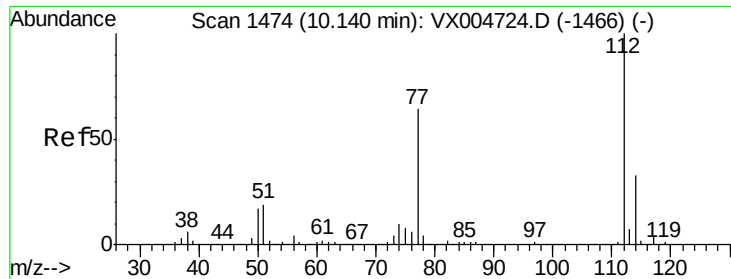
MMDadoda
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#64
Tetrachloroethene
Concen: 22.592 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	98.4	147.6
129	92.1	76.1	114.1
131	86.7	71.0	106.4





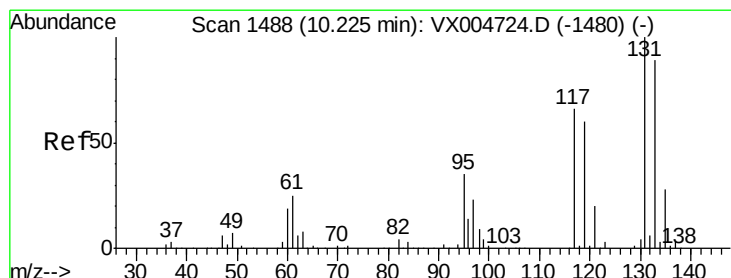
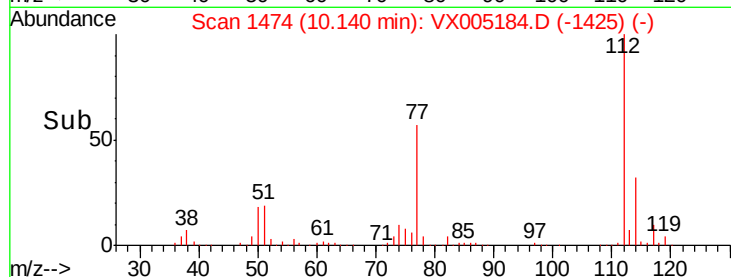
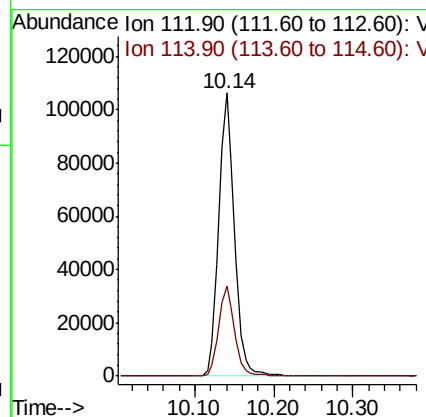
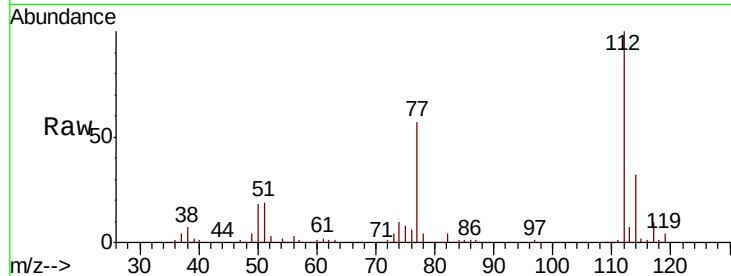
#65
Chlorobenzene
Concen: 21.164 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion:112 Resp: 148323
Ion Ratio Lower Upper
112 100
114 31.6 26.7 40.1

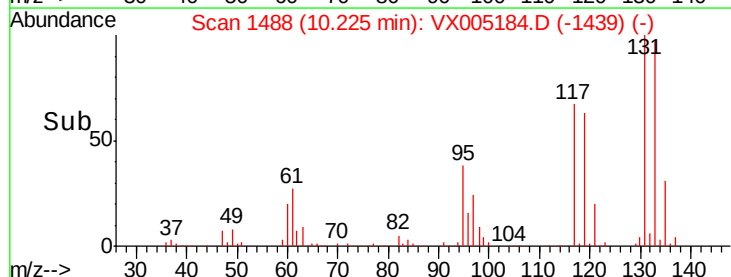
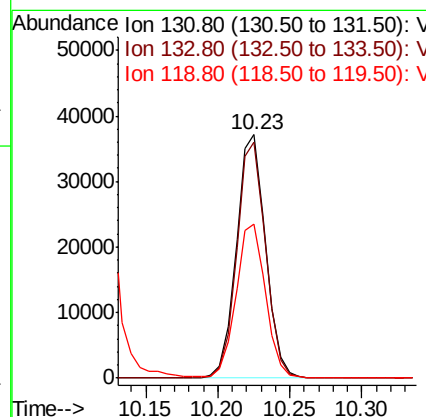
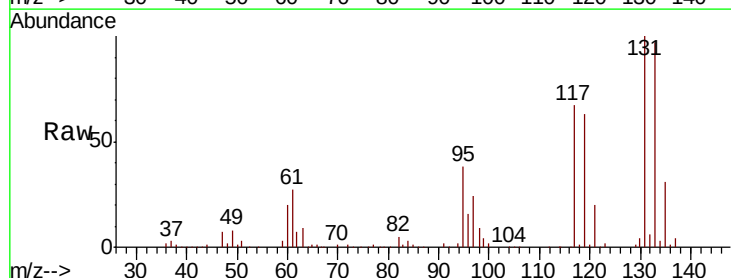
Manual Integrations
APPROVED

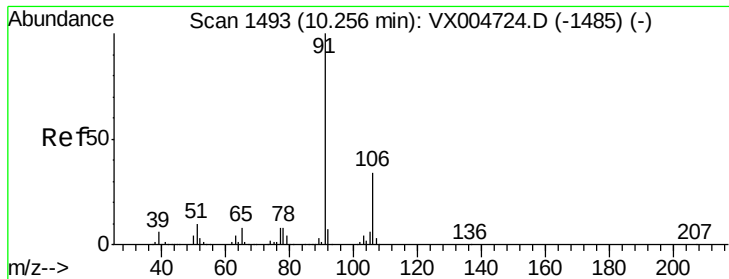
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.284 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:131 Resp: 52441
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 64.5 32.3 96.8





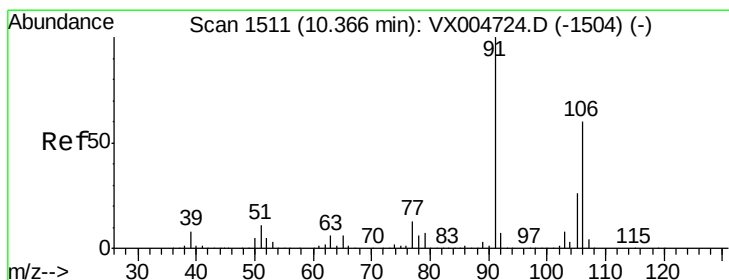
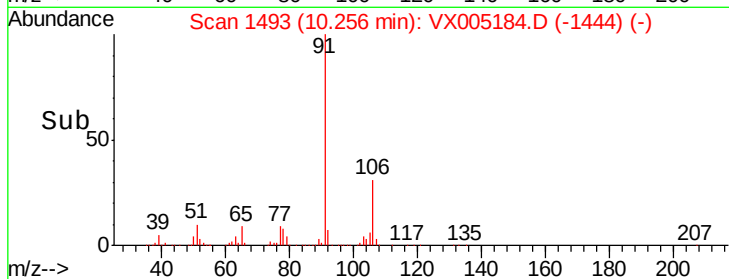
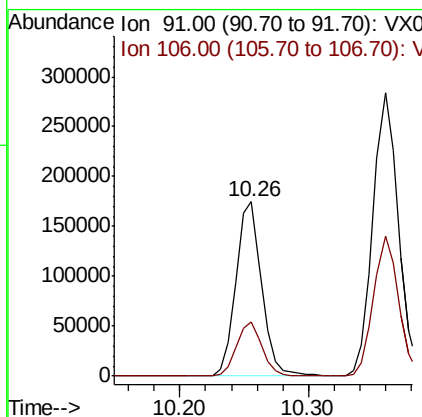
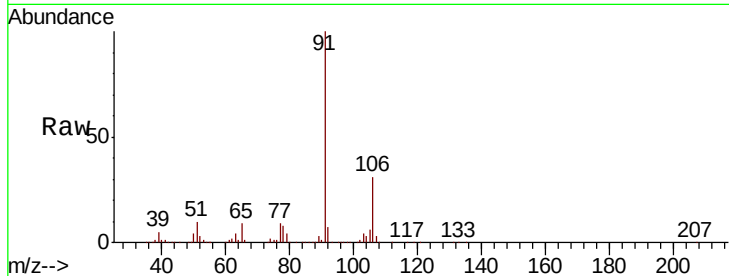
#67
Ethyl Benzene
Concen: 21.881 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 91 Resp: 243457
Ion Ratio Lower Upper
91 100
106 31.0 26.9 40.3

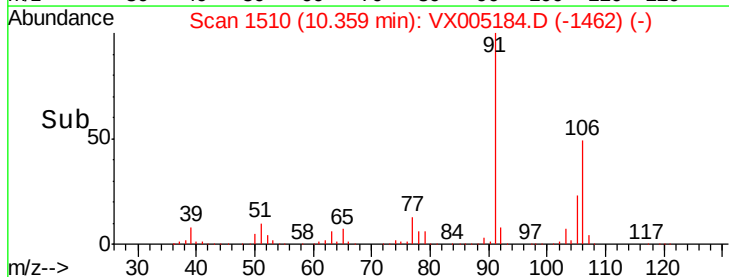
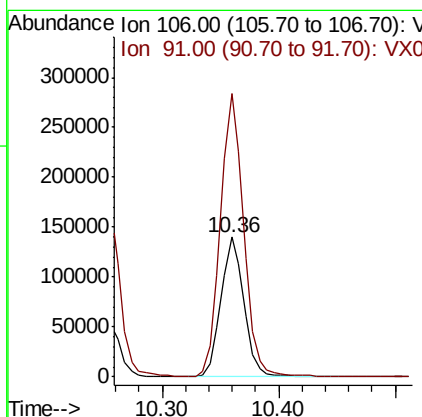
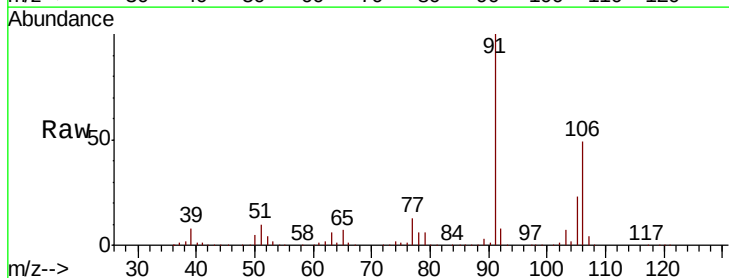
Manual Integrations
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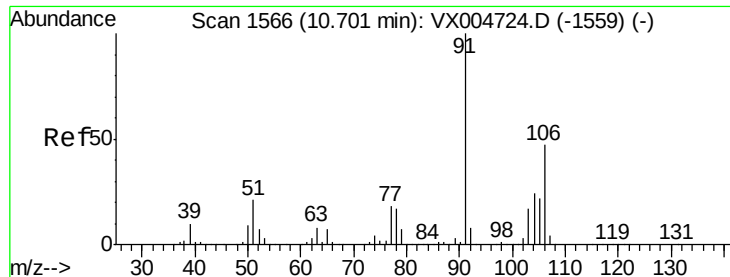
MMDadoda
10/11/2018 5:31:52 PM



#68
m/p-Xylenes
Concen: 43.852 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 106 Resp: 190667
Ion Ratio Lower Upper
106 100
91 205.8 157.5 236.3





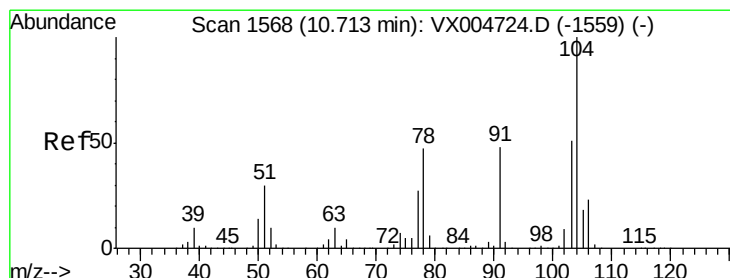
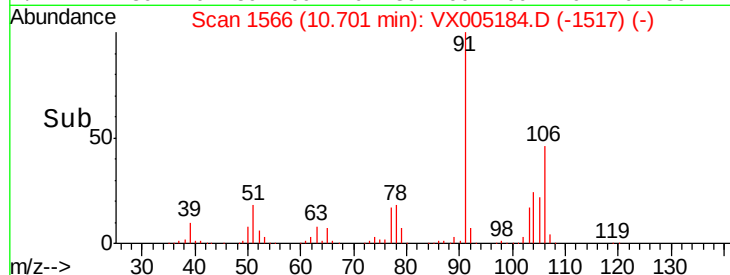
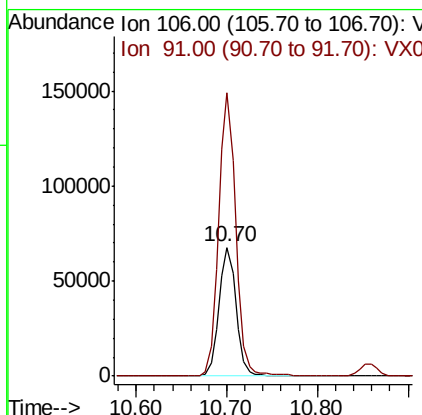
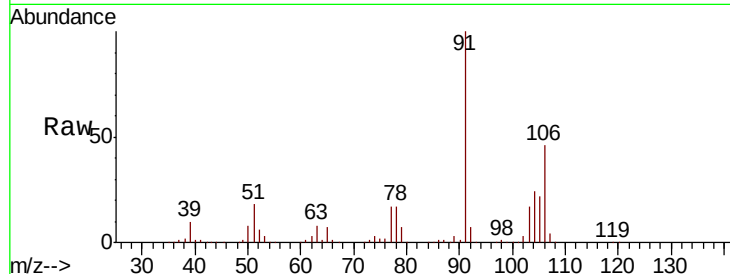
#69
o-Xylene
Concen: 22.542 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion:106 Resp: 90022
Ion Ratio Lower Upper
106 100
91 218.9 108.3 324.8

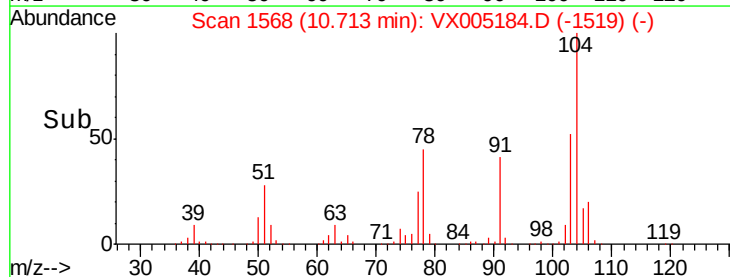
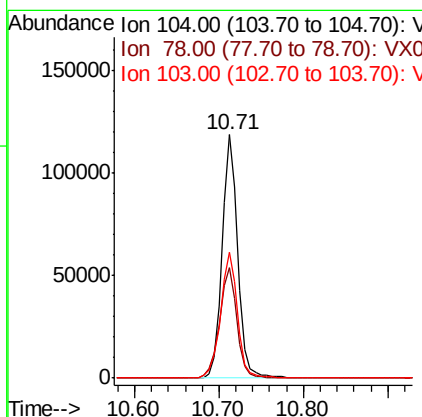
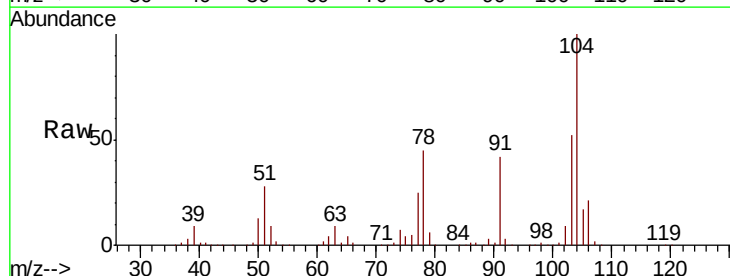
Manual Integrations
APPROVED

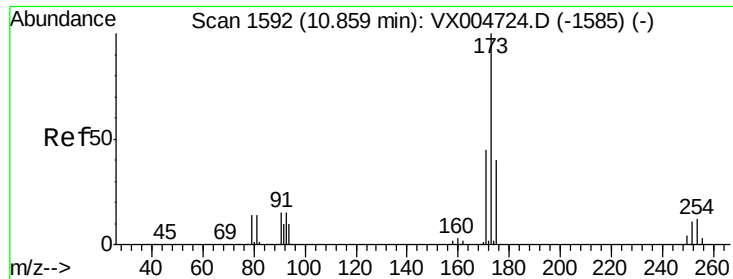
MMDadoda
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#70
Styrene
Concen: 21.719 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion:104 Resp: 152776
Ion Ratio Lower Upper
104 100
78 50.6 40.0 60.0
103 56.2 44.3 66.5





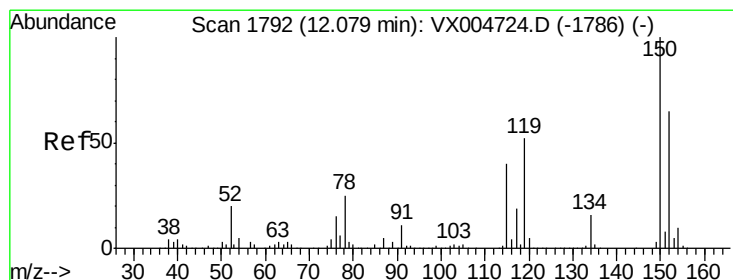
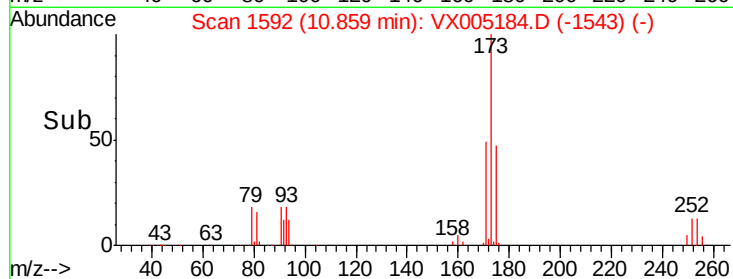
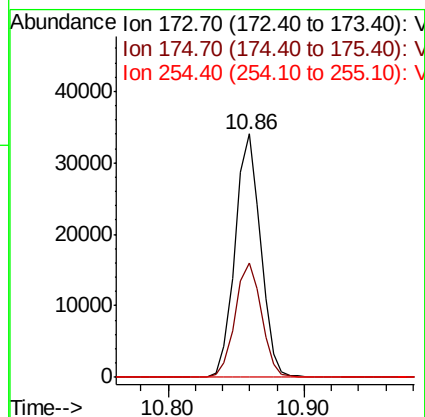
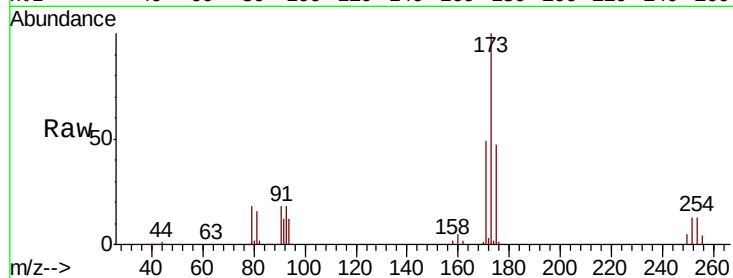
#71
Bromoform
Concen: 21.092 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.3	69.8
254	0.2	0.2	0.2

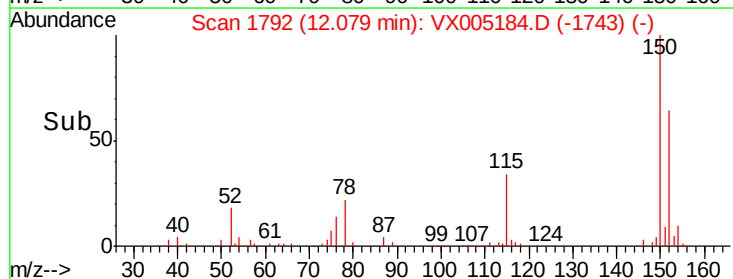
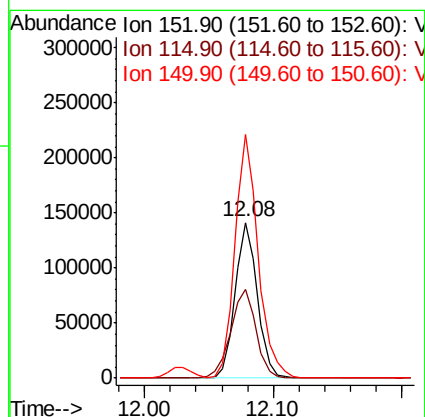
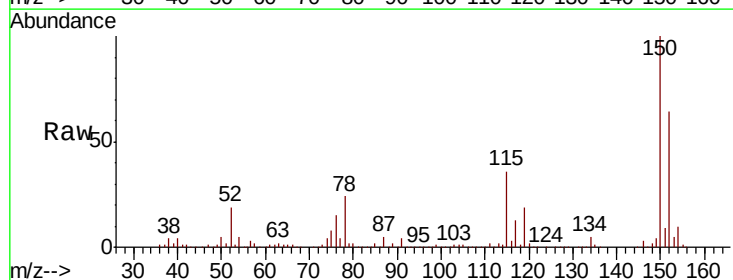
Manual Integrations
APPROVED

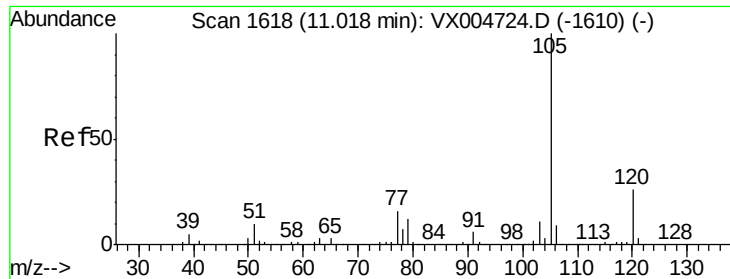
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	40.2	120.6
150	164.4	0.0	351.0





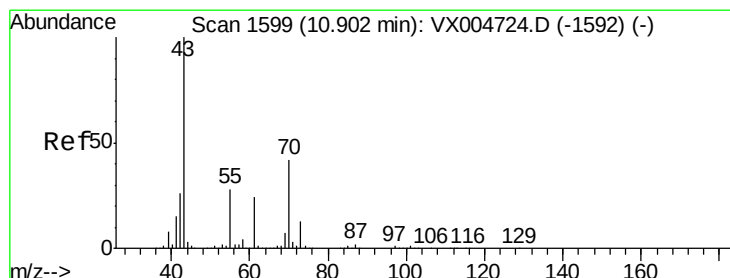
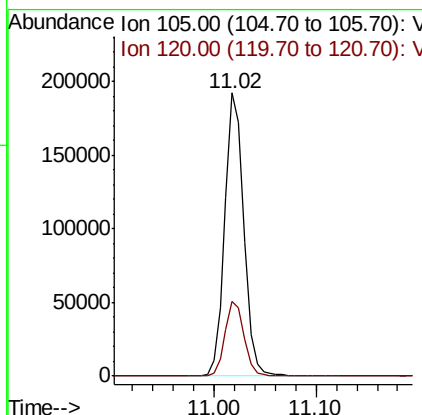
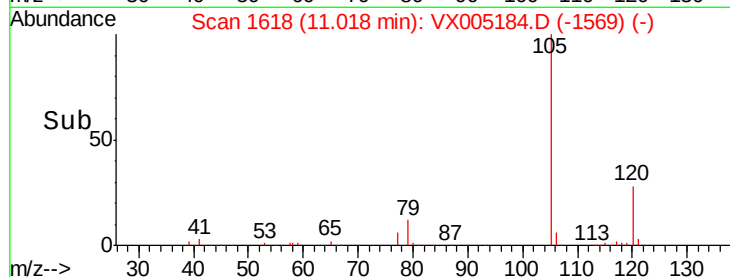
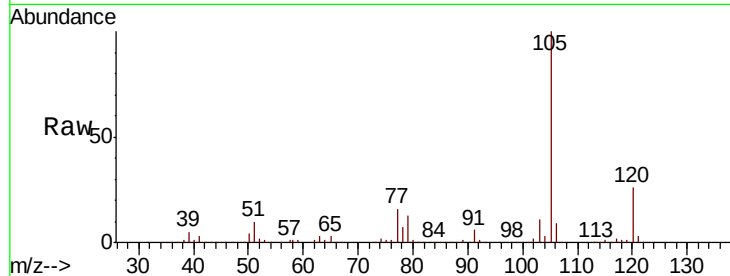
#73
Isopropylbenzene
Concen: 23.283 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion: 105 Resp: 249430
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5

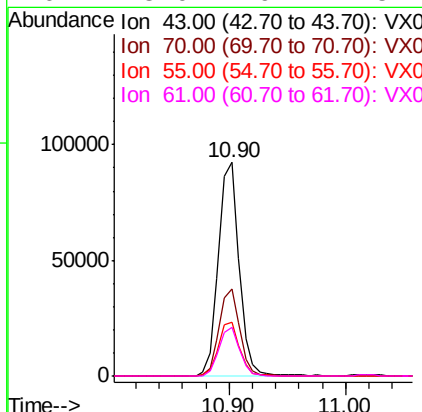
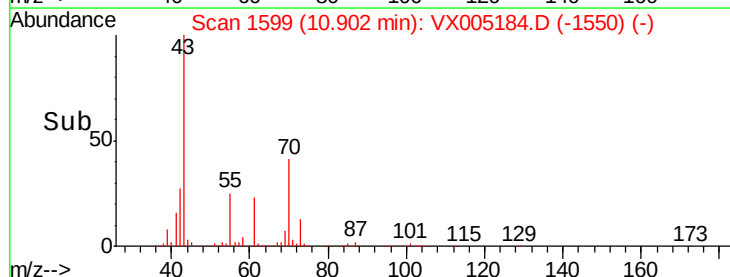
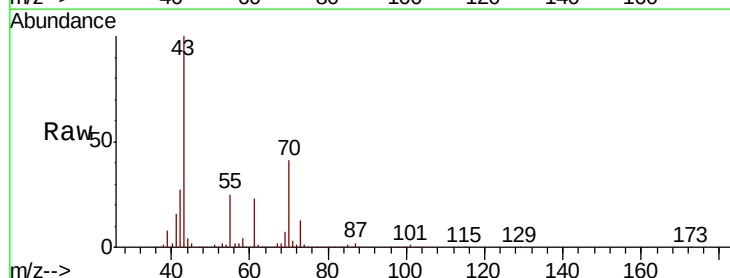
Manual Integrations
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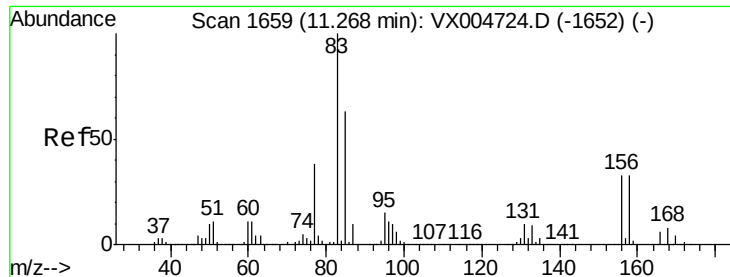
MMDadoda
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#74
N-ethyl acetate
Concen: 20.335 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion: 43 Resp: 113414
Ion Ratio Lower Upper
43 100
70 40.5 32.6 48.8
55 26.1 21.6 32.4
61 23.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.233 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

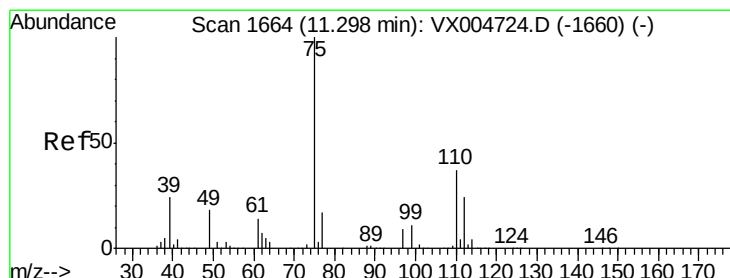
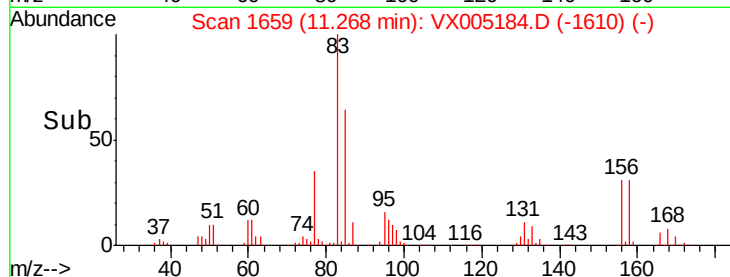
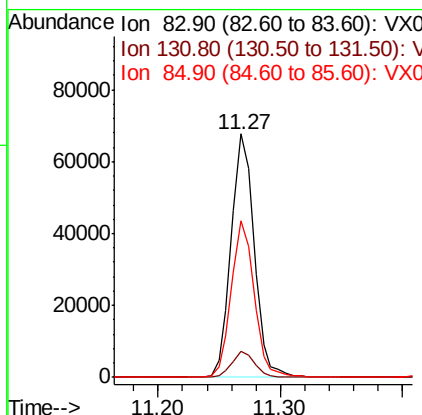
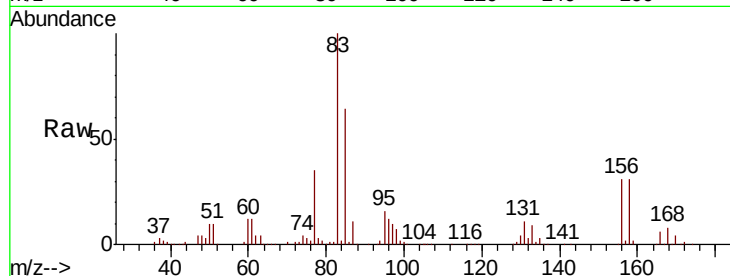
ClientSampleId :

VX1009WBS02

Tot Ion:	83	Resp:	88234
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.307 ug/l m

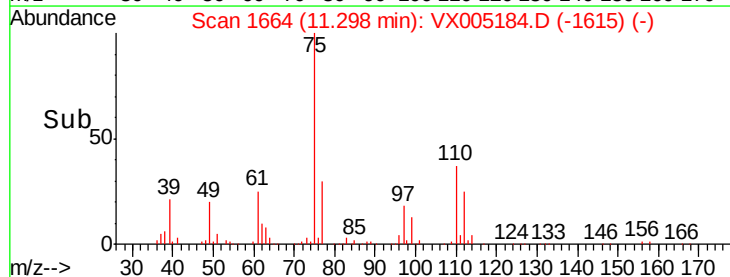
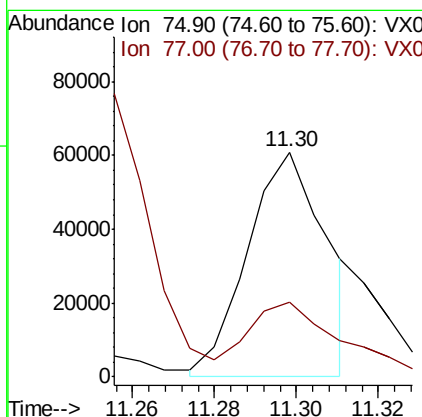
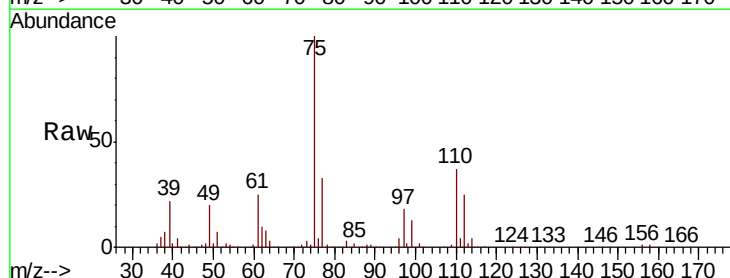
RT: 11.30 min Scan# 1664

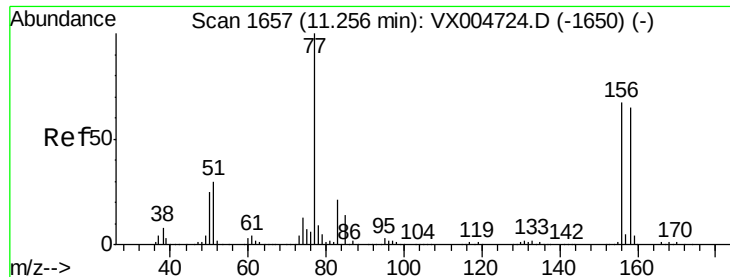
Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Tgt Ion:	75	Resp:	81169
Ion Ratio	Lower	Upper	
75	100		
77	39.7	21.4	64.3





#77

Bromobenzene

Concen: 21.800 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:156 Resp: 67835

Ion Ratio Lower Upper

156 100

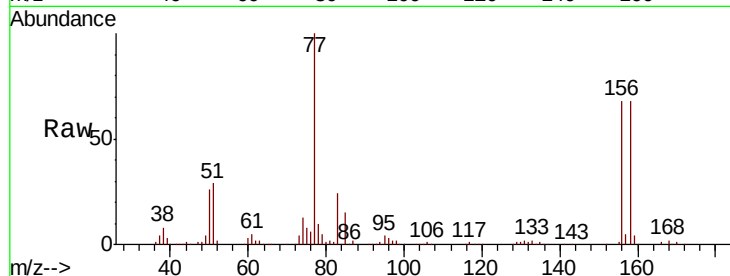
77 146.4 73.4 220.2

158 98.6 49.1 147.4

Manual Integrations
APPROVED

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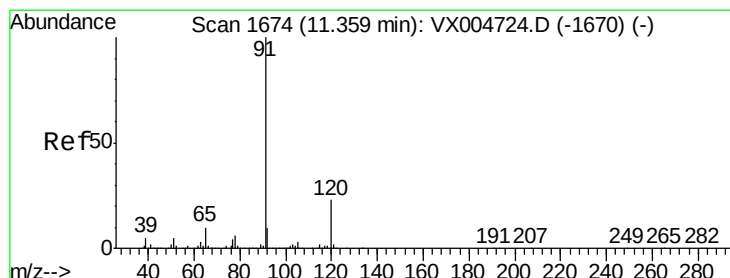
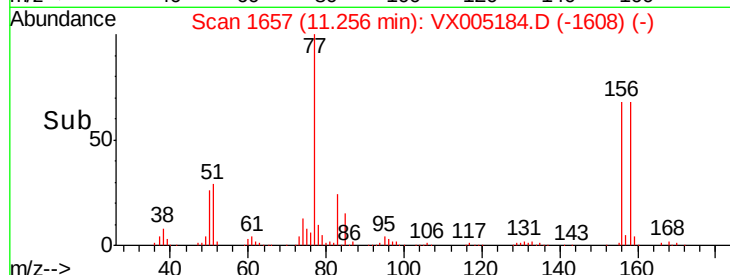
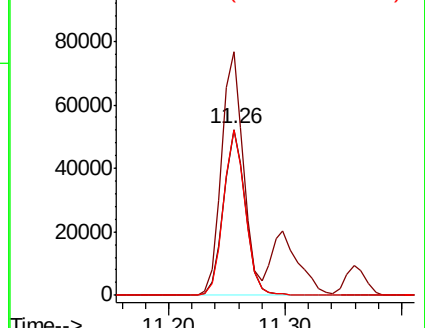
10/11/2018 5:31:52 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.247 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005184.D

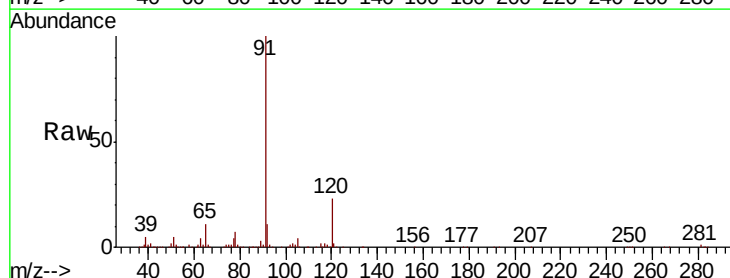
Acq: 10 Oct 2018 03:25

Tgt Ion: 91 Resp: 285752

Ion Ratio Lower Upper

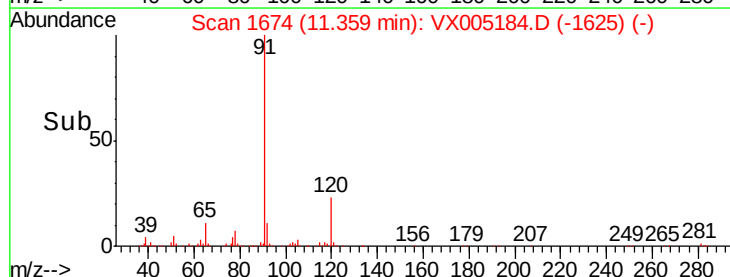
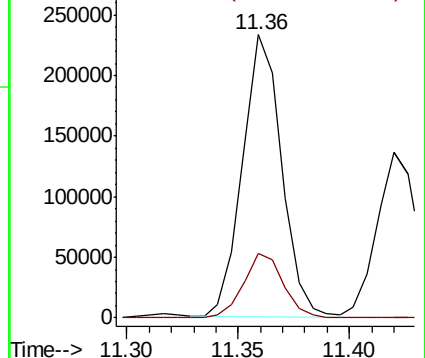
91 100

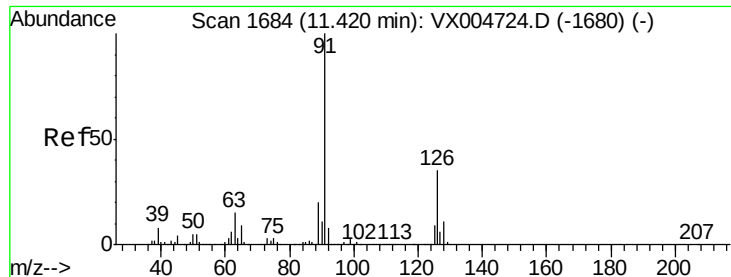
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.640 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion: 91 Resp: 173459

Ion Ratio Lower Upper

91 100

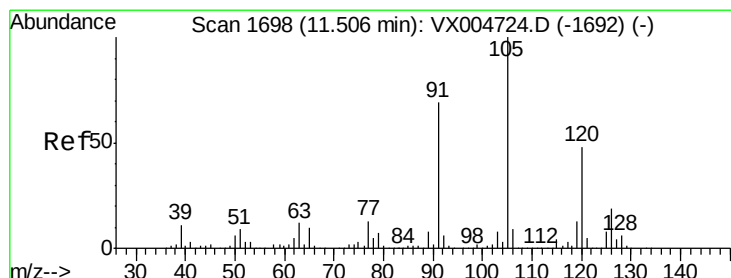
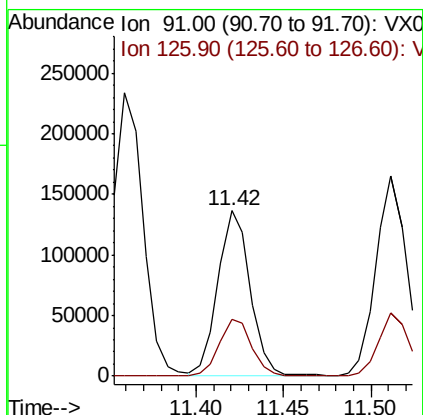
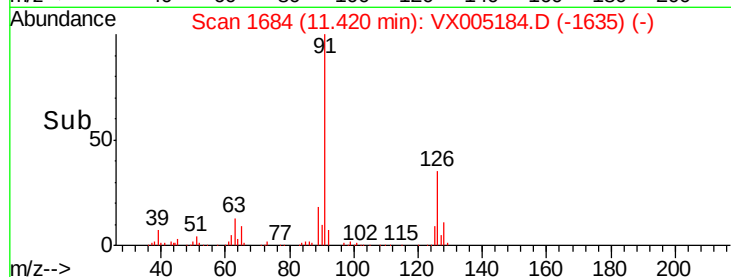
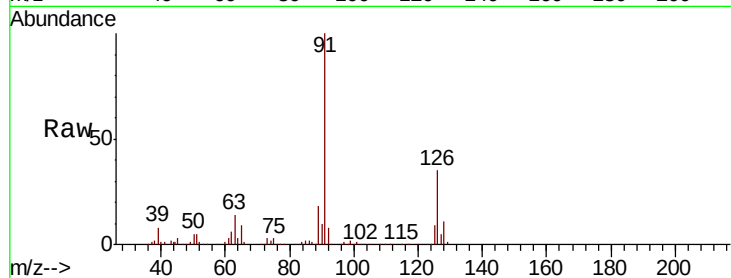
126 35.1 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.575 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005184.D

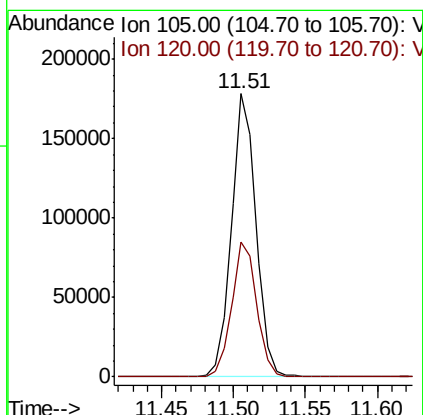
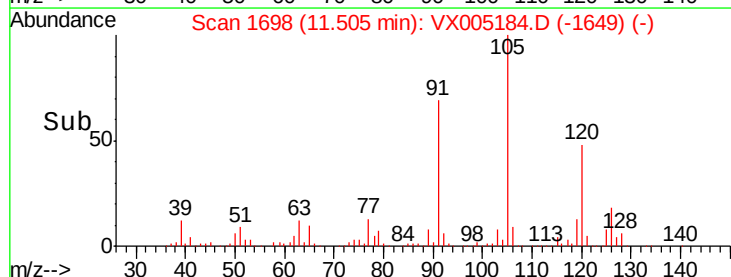
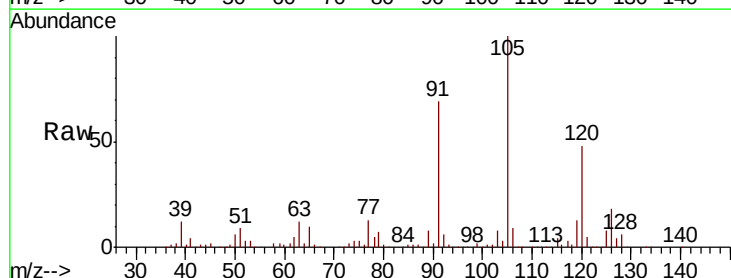
Acq: 10 Oct 2018 03:25

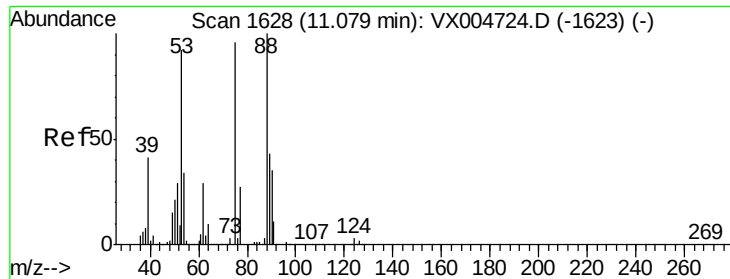
Tgt Ion: 105 Resp: 212946

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





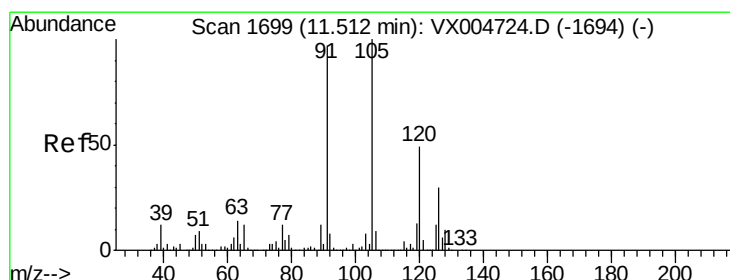
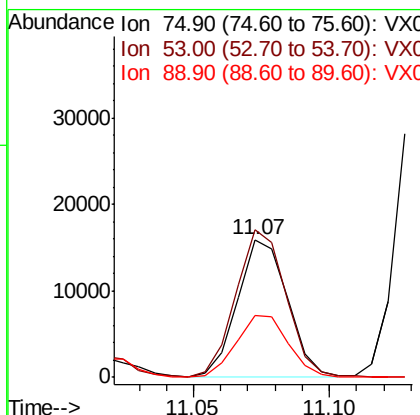
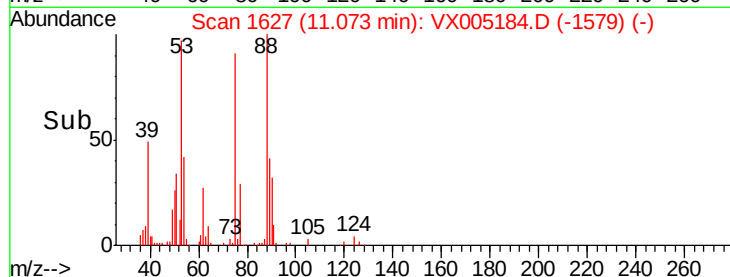
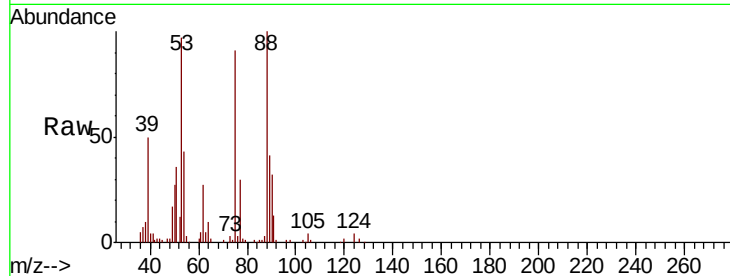
#81
trans-1,4-Dichloro-2-butene
Concen: 15.859 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.8	80.2	120.4
89	47.1	37.1	55.7

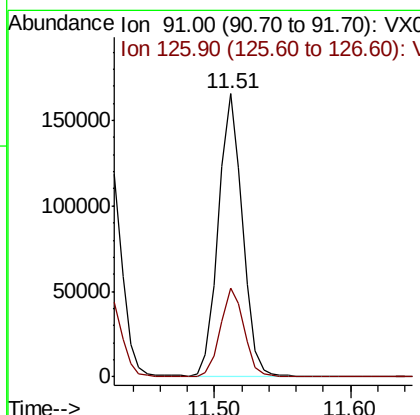
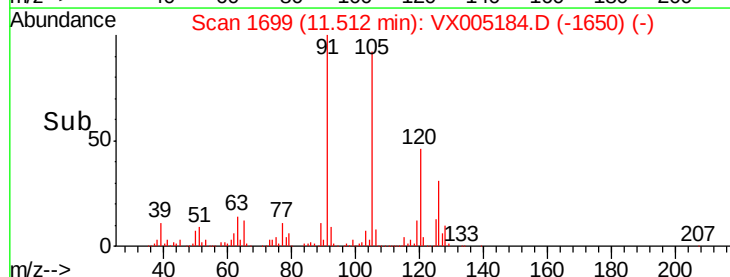
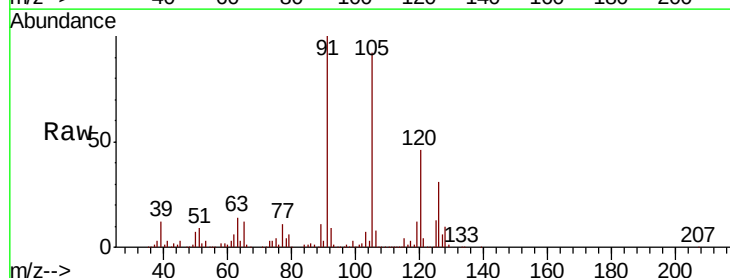
Manual Integrations
APPROVED

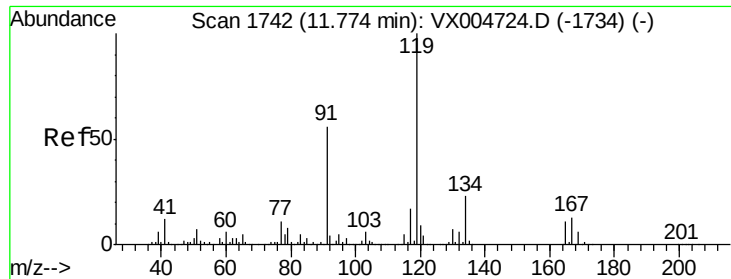
MMDadoda
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#82
4-Chlorotoluene
Concen: 22.585 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





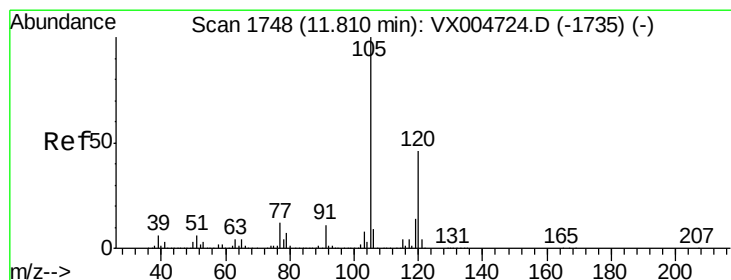
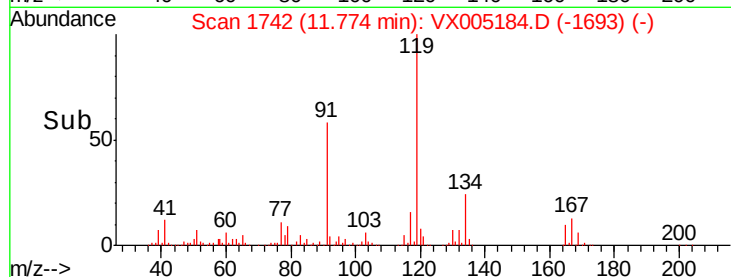
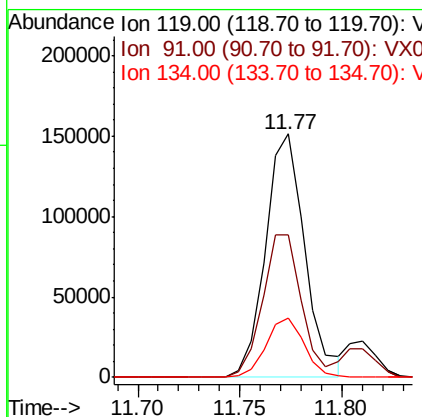
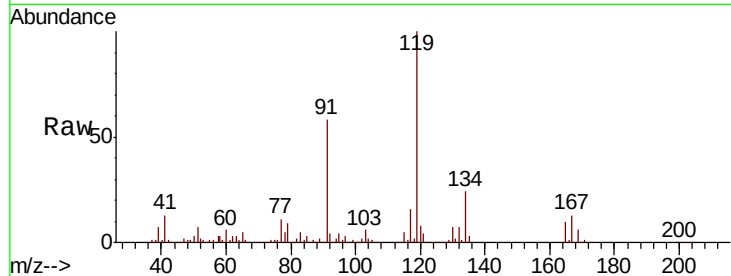
#83
 tert-Butylbenzene
 Concen: 23.105 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	27.5	82.5
134	23.6	11.5	34.4

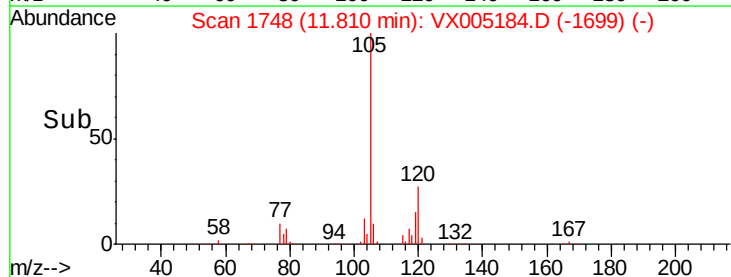
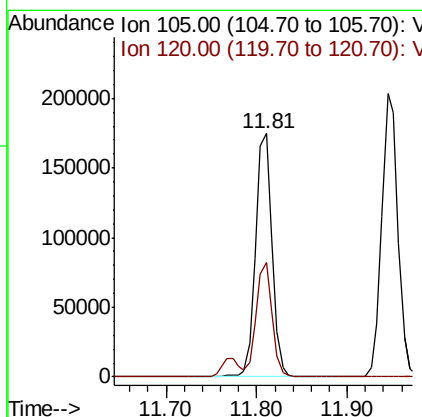
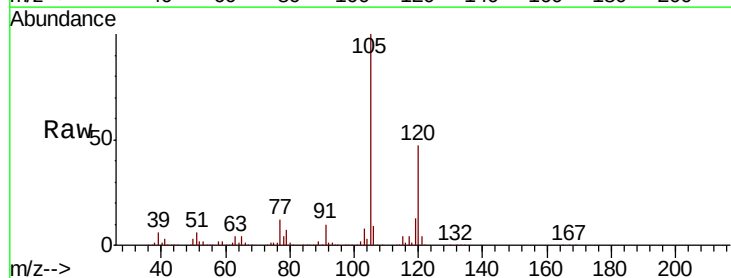
Manual Integrations
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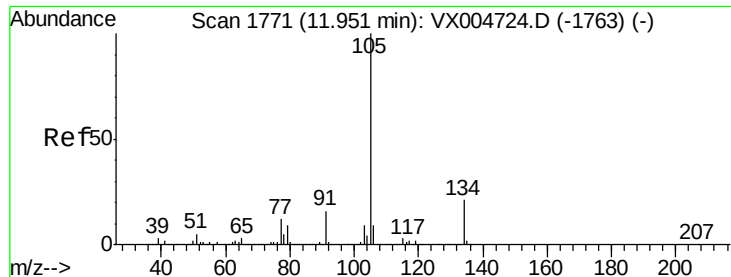
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.615 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 23.473 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS02

Tot Ion:105 Resp: 252177

Ion Ratio Lower Upper

105 100

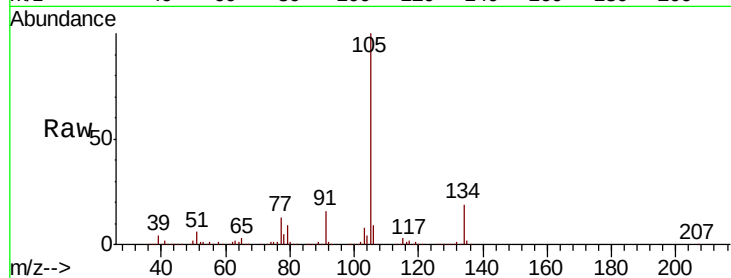
134 20.0 10.2 30.4

Manual Integrations

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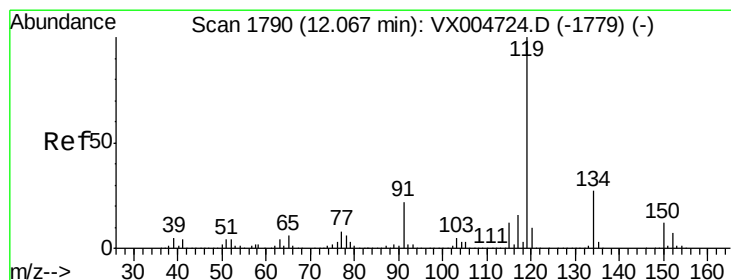
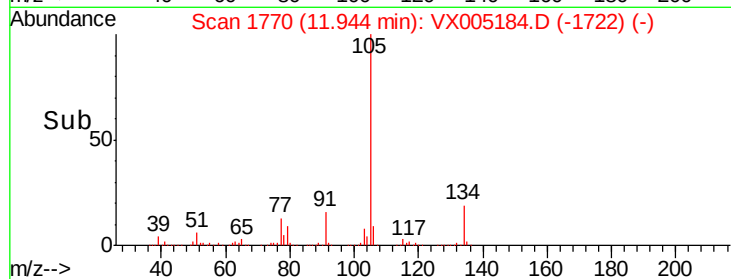
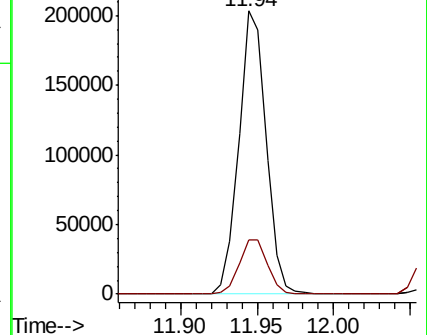
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.932 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005184.D

Acq: 10 Oct 2018 03:25

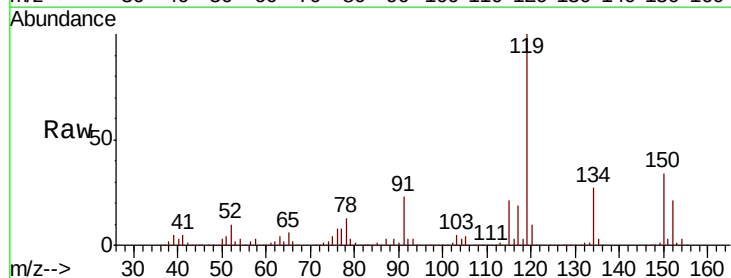
Tgt Ion:119 Resp: 223206

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

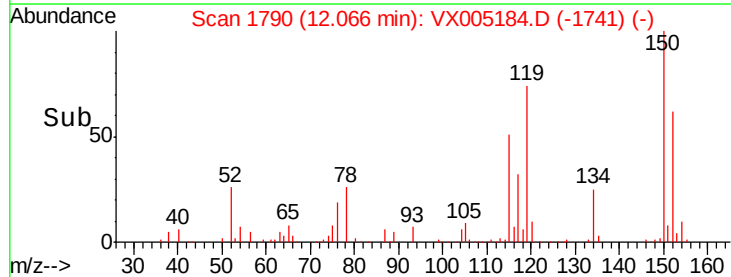
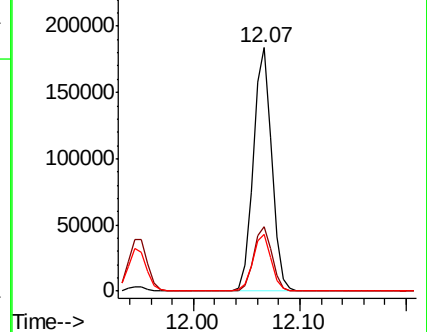
91 23.5 11.5 34.4

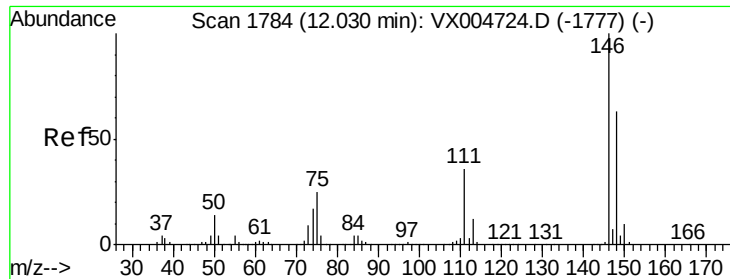


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





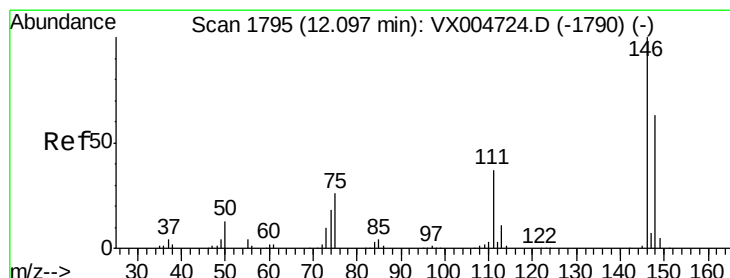
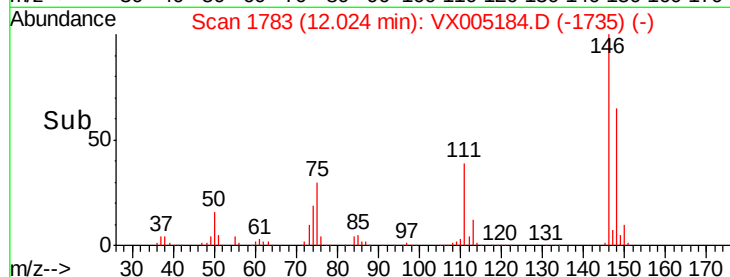
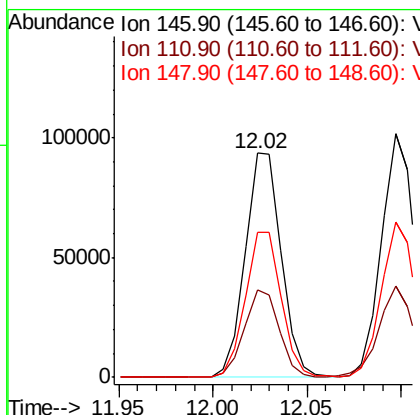
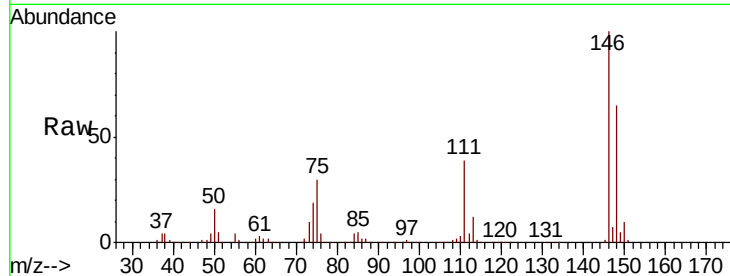
#87
 1,3-Dichlorobenzene
 Concen: 21.423 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.6	31.8	95.3

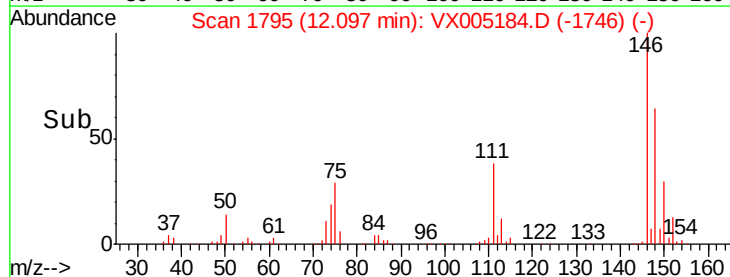
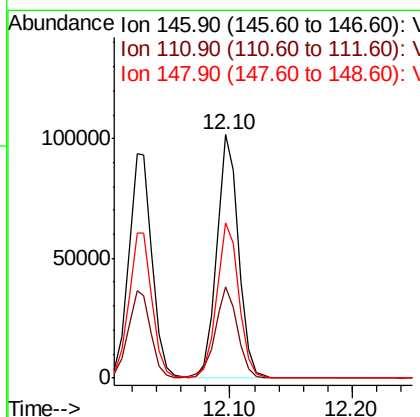
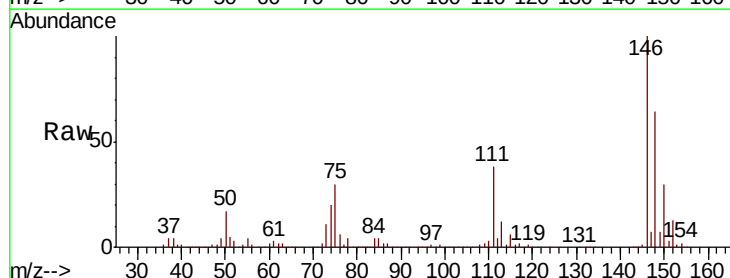
Manual Integrations
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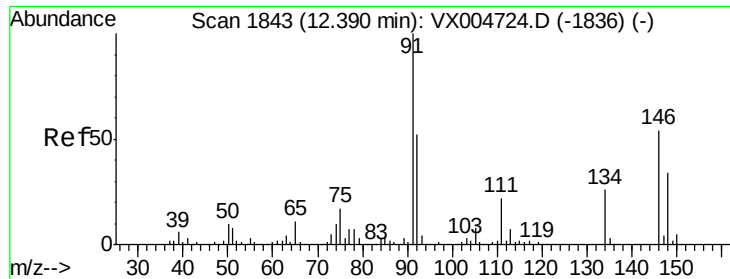
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 10/11/2018 5:31:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.048 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.4	55.2
148	64.9	32.0	96.0





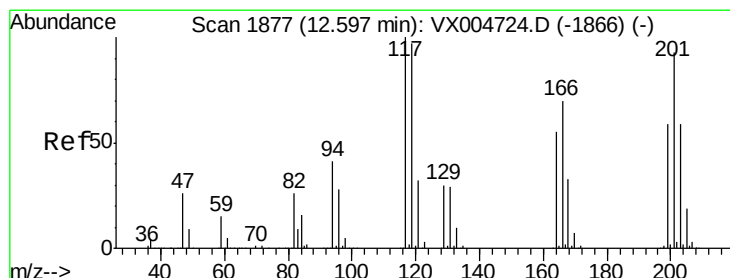
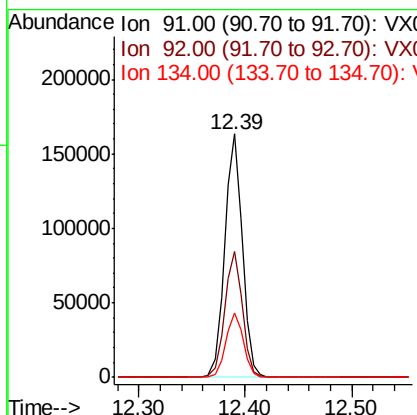
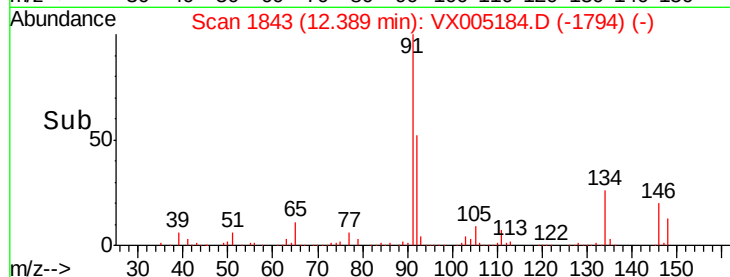
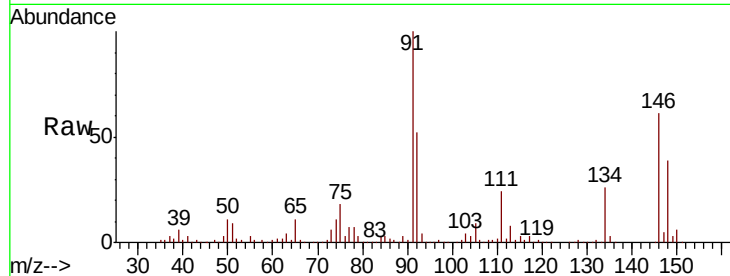
#89
n-Butylbenzene
Concen: 21.434 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		189474		
92	51.3	26.0	78.0		
134	26.5	13.2	39.6		

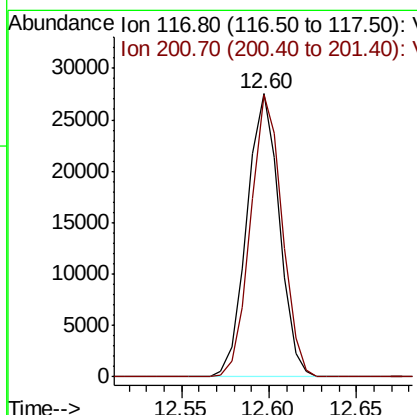
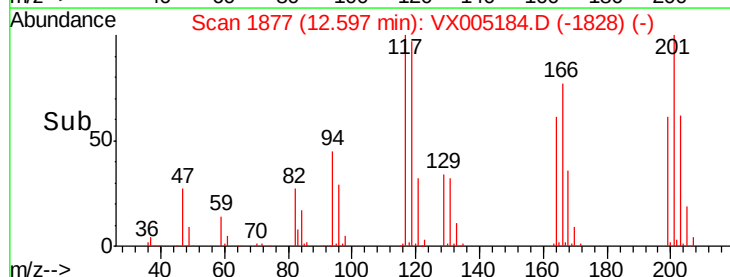
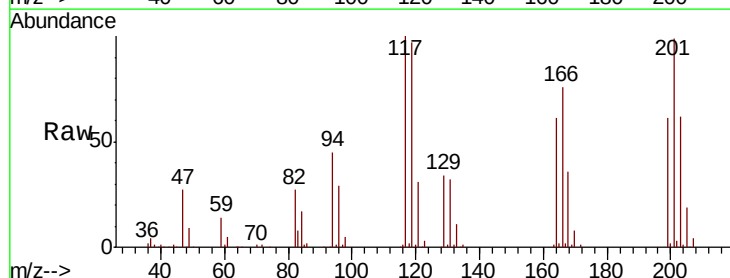
Manual Integrations
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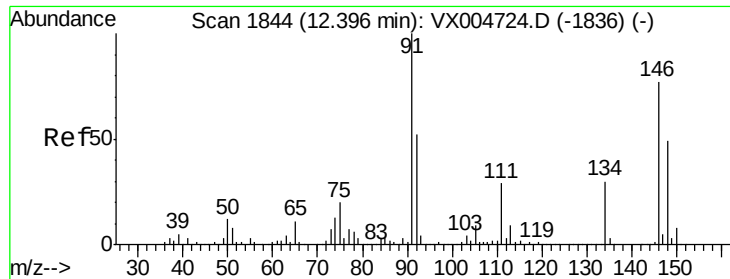
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#90
Hexachloroethane
Concen: 21.901 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		35493		
201	96.8	48.4	145.0		





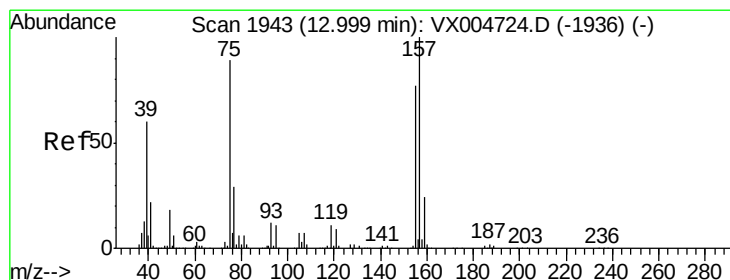
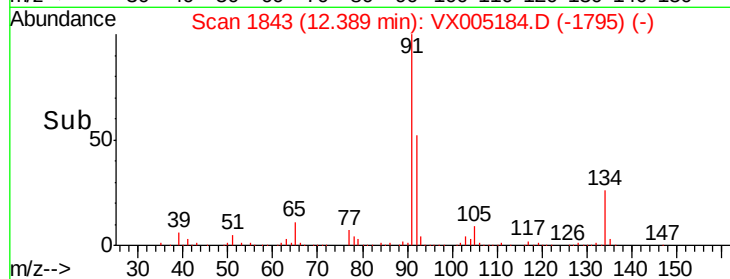
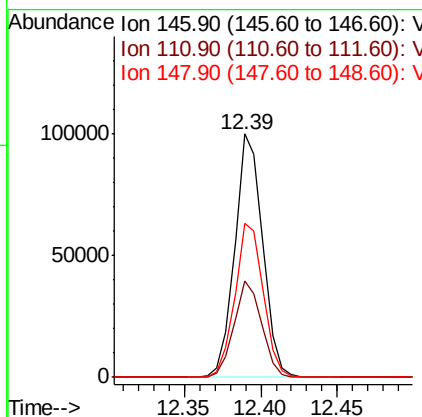
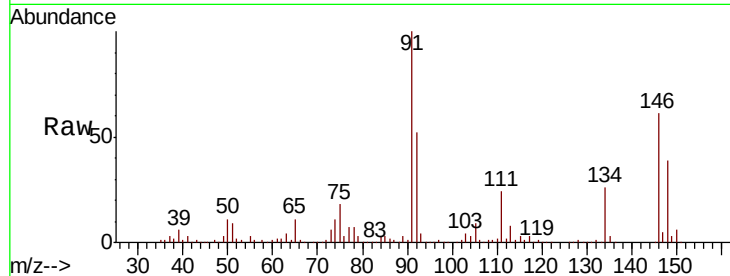
#91
 1,2-Dichlorobenzene
 Concen: 20.786 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.2	31.8	95.4

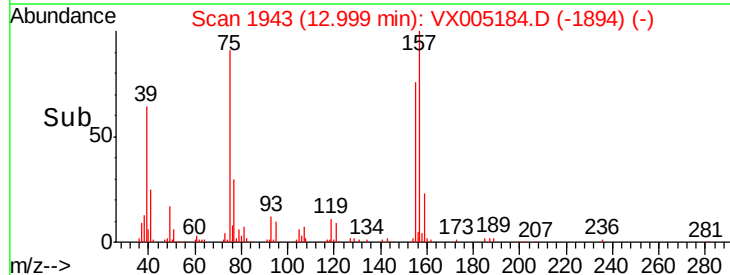
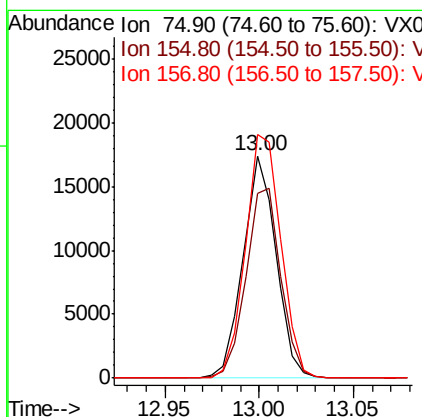
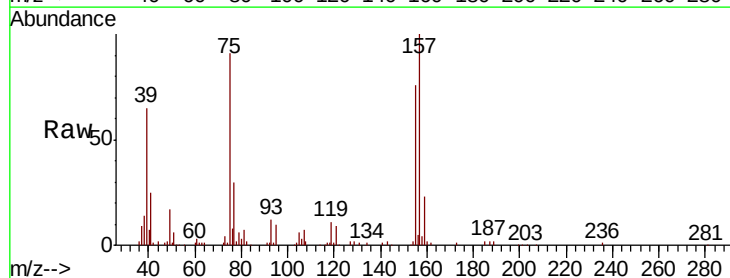
Manual Integrations
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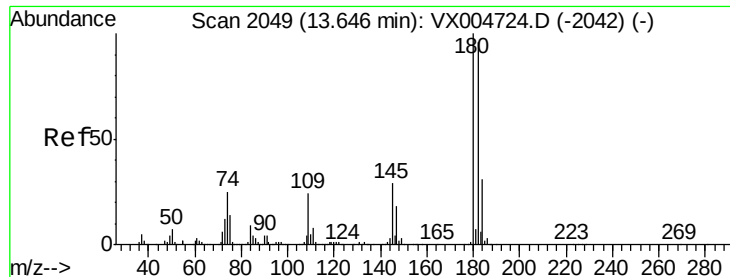
MMDadoda
 10/11/2018 5:31:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.016 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	46.1	138.3
157	118.2	60.2	180.6





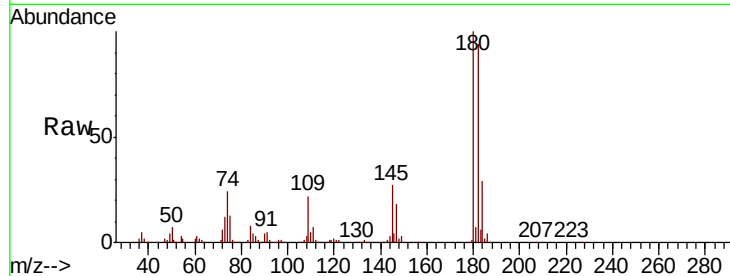
#93
 1,2,4-Trichlorobenzene
 Concen: 21.257 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	27.6	14.1	42.4

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:52 PM

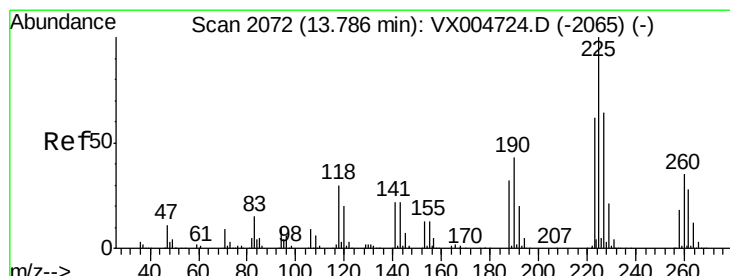
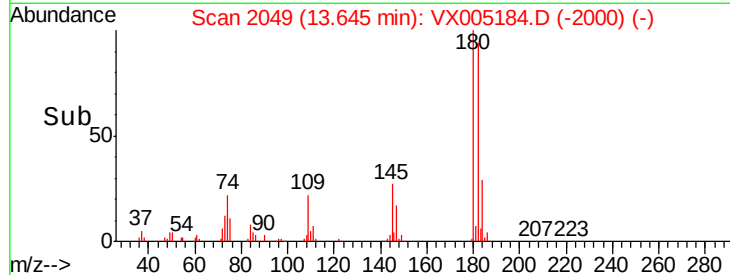
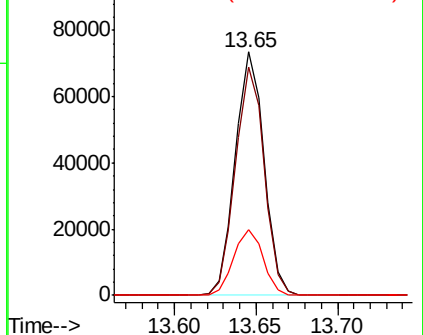


Abundance

Ion 179.80 (179.50 to 180.50): V

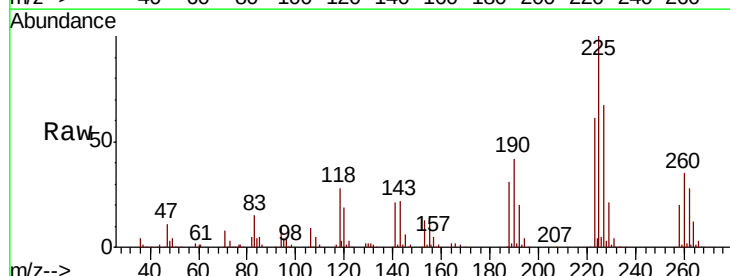
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.870 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005184.D
 Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.3	93.8
227	64.3	31.9	95.5

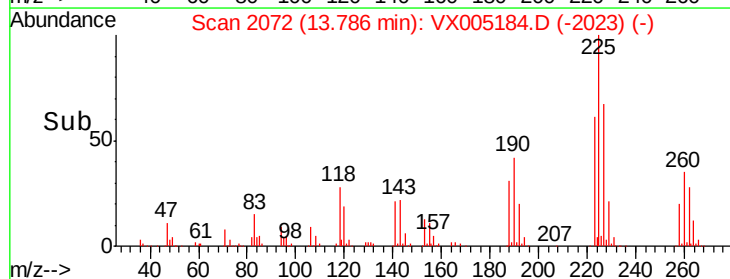
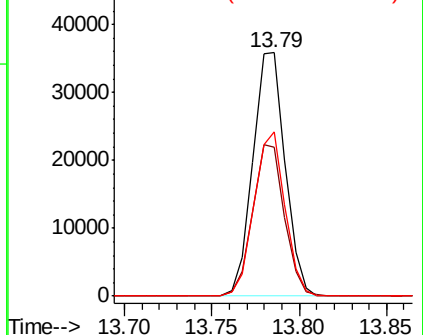


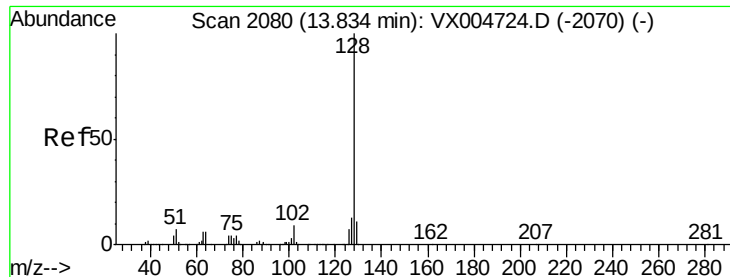
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





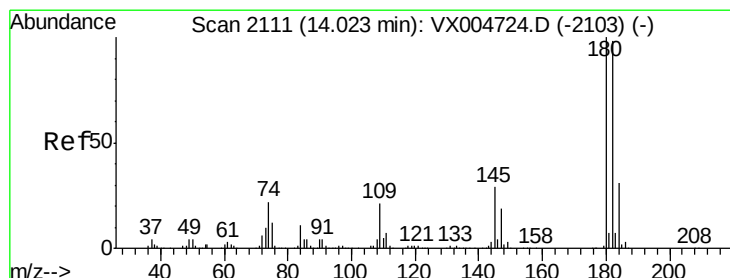
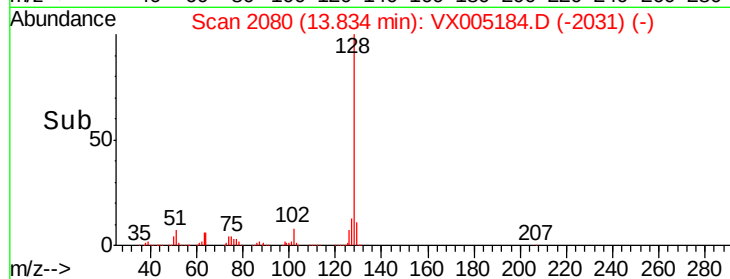
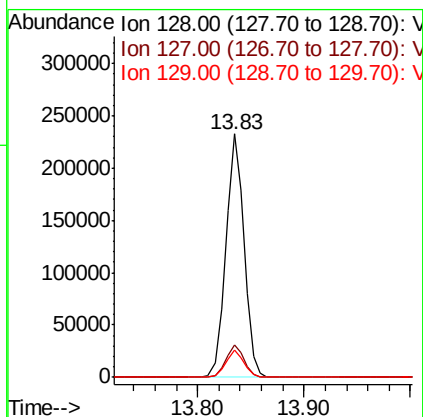
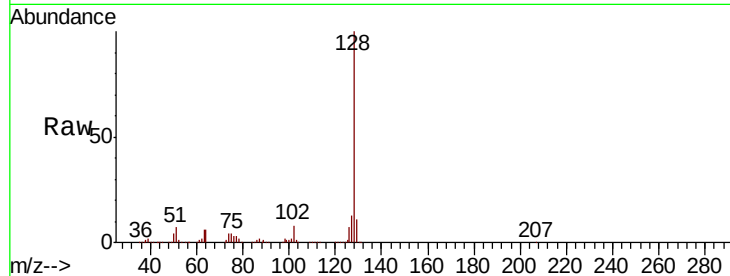
#95
Naphthalene
Concen: 20.149 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/11/2018 5:31:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.913 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005184.D
Acq: 10 Oct 2018 03:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.8
145	29.0	15.0	45.0

