

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004838.D
 Acq On : 28 Sep 2018 23:39
 Operator : JC/MD
 Sample : VX0928WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Manual Integrations
 APPROVED

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 10/1/2018 1:31:30 PM

Quant Time: Sep 29 06:44:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174145	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	5.50	113	140371	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	8.72	98	511059	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	183539	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	76213	23.992	ug/l	100
3) Chloromethane	1.32	50	82540	21.416	ug/l	100
4) Vinyl Chloride	1.40	62	77998	21.578	ug/l	94
5) Bromomethane	1.64	94	38984	18.187	ug/l	97
6) Chloroethane	1.72	64	45278	21.666	ug/l	94
7) Trichlorofluoromethane	1.93	101	100970	22.563	ug/l	88
8) Diethyl Ether	2.19	74	39310	20.221	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56563	22.190	ug/l	98
10) Methyl Iodide	2.51	142	38223	11.206	ug/l	100
11) Tert butyl alcohol	3.07	59	101149	108.694	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53943	21.368	ug/l	84
13) Acrolein	2.29	56	48738	73.610	ug/l	99
14) Allyl chloride	2.73	41	116374	21.128	ug/l	96
15) Acrylonitrile	3.15	53	216345	105.608	ug/l	99
16) Acetone	2.45	43	192763	99.207	ug/l	93
17) Carbon Disulfide	2.57	76	154859	20.415	ug/l #	93
18) Methyl Acetate	2.78	43	115210	23.403	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	192299	22.084	ug/l	97
20) Methylene Chloride	2.86	84	61852	21.414	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	56324	20.382	ug/l	94
22) Diisopropyl ether	3.87	45	207850	22.409	ug/l	96
23) Vinyl Acetate	3.82	43	890646	104.903	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115663	20.905	ug/l	97
25) 2-Butanone	4.70	43	288354	100.678	ug/l	91
26) 2,2-Dichloropropane	4.58	77	68156	17.690	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62150	20.132	ug/l	92
28) Bromochloromethane	5.02	49	54430	20.891	ug/l	88
29) Tetrahydrofuran	5.16	42	190933	107.257	ug/l	91
30) Chloroform	5.21	83	109738	20.986	ug/l	98
31) Cyclohexane	5.57	56	99276	23.444	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	91322	21.385	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76534	19.218	ug/l	98
37) Ethyl Acetate	4.85	43	103967	19.667	ug/l	98
38) Carbon Tetrachloride	5.78	117	76154	18.192	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83861	20.623	ug/l	95
40) Benzene	6.14	78	250039	20.055	ug/l	94
41) Methacrylonitrile	5.06	41	57992	19.781	ug/l	97
42) 1,2-Dichloroethane	6.20	62	86917	19.720	ug/l	97
43) Isopropyl Acetate	6.46	43	146909	19.254	ug/l	96
44) Trichloroethene	7.21	130	61068	19.925	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62682	20.501	ug/l	99
46) Dibromomethane	7.66	93	39497	20.555	ug/l	97
47) Bromodichloromethane	7.90	83	73924	20.548	ug/l	99
48) Methyl methacrylate	7.77	41	74995	21.655	ug/l	95
49) 1,4-Dioxane	7.76	88	34077	396.074	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	526808	109.657	ug/l	93
52) Toluene	8.79	92	143555	20.955	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	78139	19.221	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88646	20.818	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	60271	20.084	ug/l	98
56) Ethyl methacrylate	9.18	69	89054	20.103	ug/l	95
57) 1,3-Dichloropropane	9.37	76	100644	20.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	253141	106.566	ug/l	93
59) 2-Hexanone	9.49	43	408778	102.108	ug/l	93
60) Dibromochloromethane	9.59	129	57755	19.245	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61252	19.059	ug/l	99
64) Tetrachloroethene	9.34	164	59233	18.233	ug/l	98
65) Chlorobenzene	10.14	112	158743	18.755	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	55897	18.785	ug/l	100
67) Ethyl Benzene	10.25	91	264755	19.702	ug/l	96
68) m/p-Xylenes	10.36	106	205915	39.214	ug/l	93
69) o-Xylene	10.70	106	98614	20.446	ug/l	96
70) Styrene	10.71	104	166494	19.807	ug/l	96
71) Bromoform	10.86	173	46293	18.172	ug/l	100
73) Isopropylbenzene	11.02	105	269552	21.543	ug/l	99
74) N-amyl acetate	10.90	43	126559	19.507	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	97301	19.103	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87899m	19.755	ug/l	
77) Bromobenzene	11.26	156	72485	19.944	ug/l	97
78) n-propylbenzene	11.36	91	312111	21.740	ug/l	98
79) 2-Chlorotoluene	11.42	91	186304	20.819	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	228015	19.763	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	23970	16.097	ug/l	96
82) 4-Chlorotoluene	11.51	91	218861	20.778	ug/l	99
83) tert-Butylbenzene	11.77	119	220760	21.429	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	233929	19.659	ug/l	98
85) sec-Butylbenzene	11.94	105	269669	21.491	ug/l	99
86) p-Isopropyltoluene	12.07	119	237759	20.913	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	131254	19.341	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135905	19.400	ug/l	98
89) n-Butylbenzene	12.39	91	203641	19.723	ug/l	97
90) Hexachloroethane	12.60	117	37125	19.613	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	133838	18.871	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21980	19.654	ug/l	95

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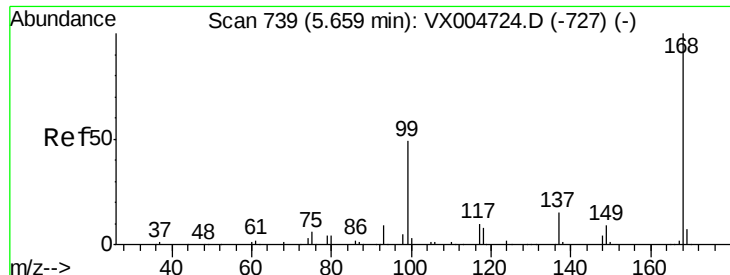
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95003	19.096	ug/l	99
94) Hexachlorobutadiene	13.79	225	46399	17.985	ug/l	94
95) Naphthalene	13.83	128	299726	18.610	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99564	19.373	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

VX0928WBS02

Tot Ion:168 Resp: 232983

Ion Ratio Lower Upper

168 100

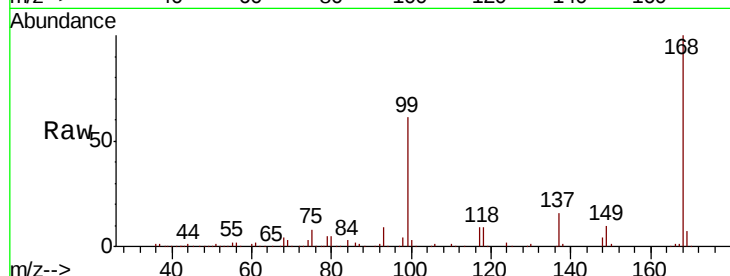
99 61.2 39.9 59.9#

Manual Integrations

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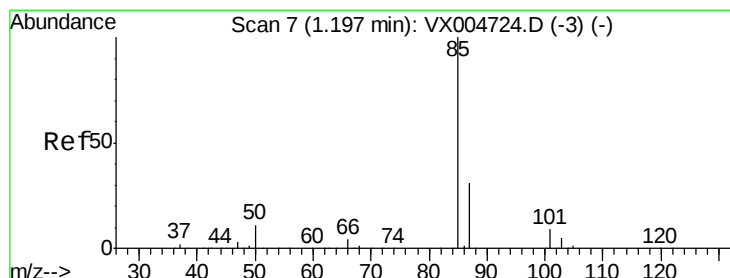
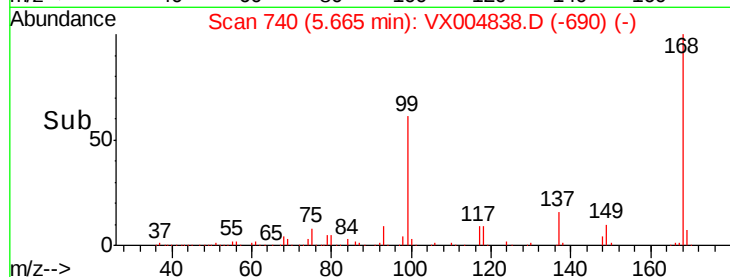
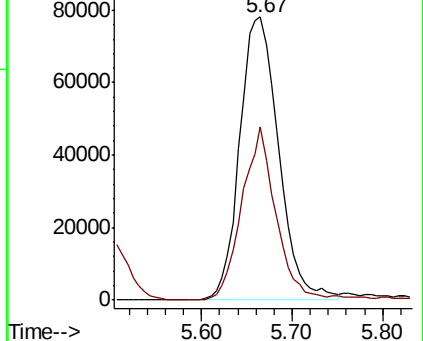
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.992 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004838.D

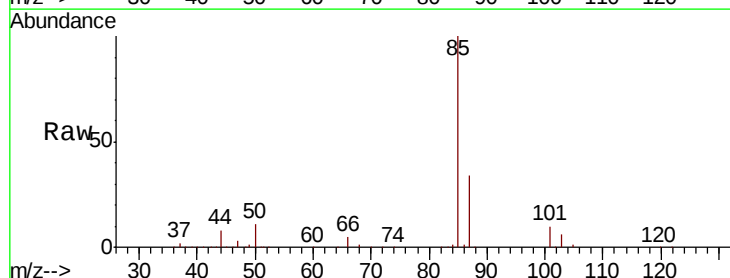
Acq: 28 Sep 2018 23:39

Tgt Ion: 85 Resp: 76213

Ion Ratio Lower Upper

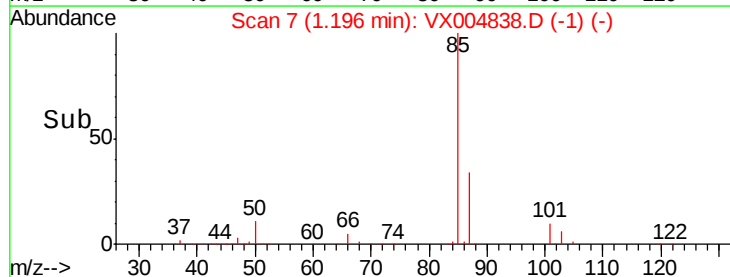
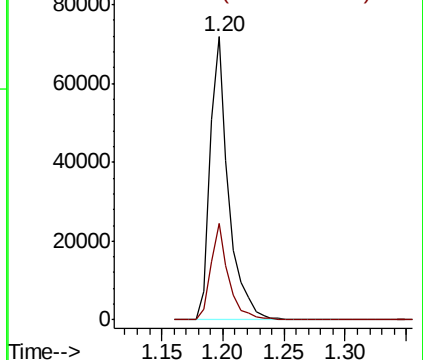
85 100

87 34.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.416 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 50 Resp: 82540

Ion Ratio Lower Upper

50 100

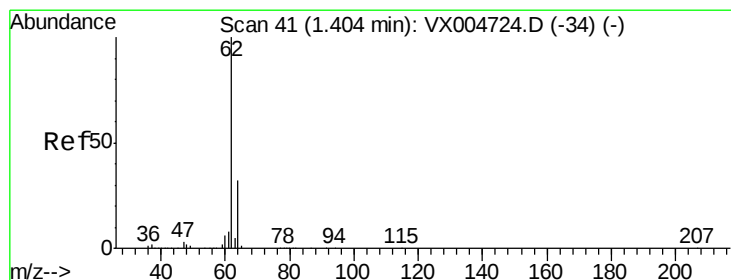
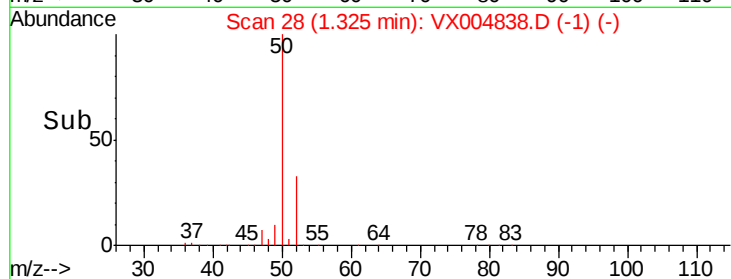
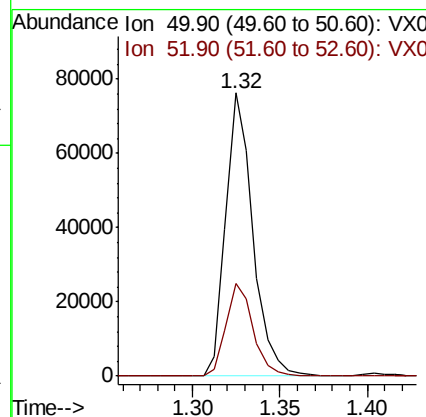
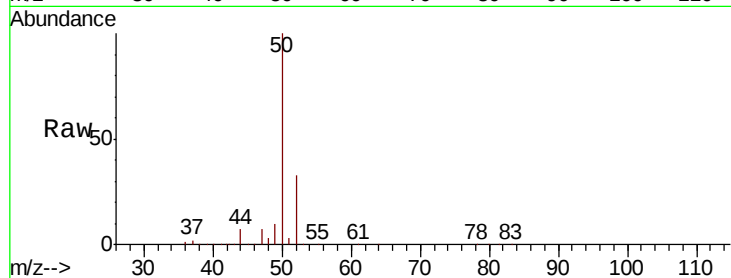
52 32.9 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.578 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004838.D

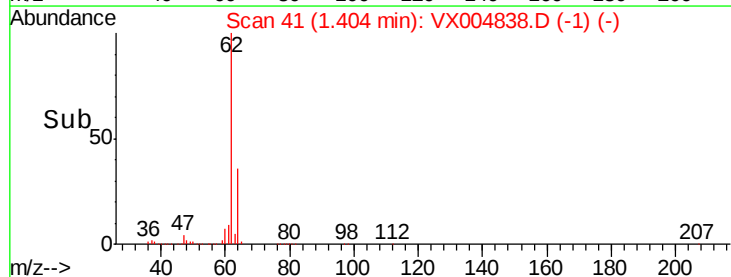
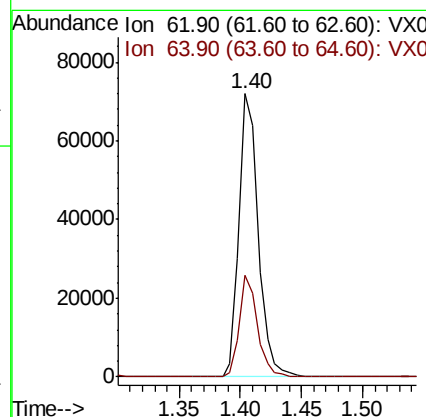
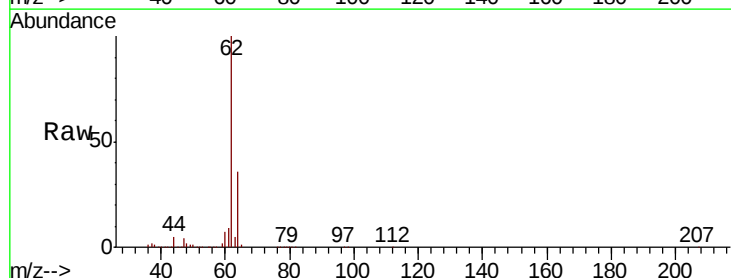
Acq: 28 Sep 2018 23:39

Tgt Ion: 62 Resp: 77998

Ion Ratio Lower Upper

62 100

64 35.7 25.8 38.8





#5

Bromomethane

Concen: 18.187 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 94 Resp: 38984

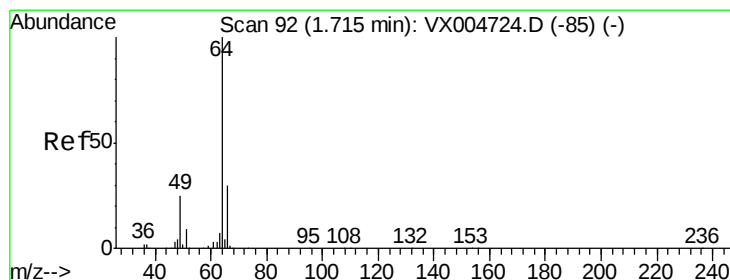
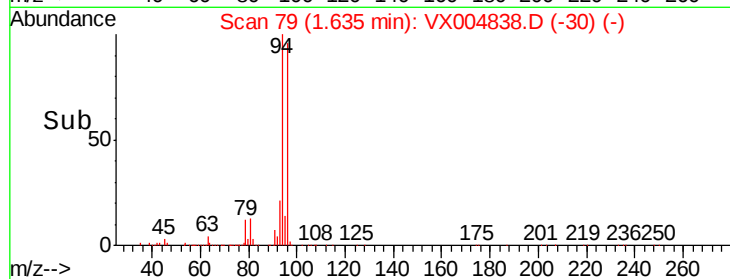
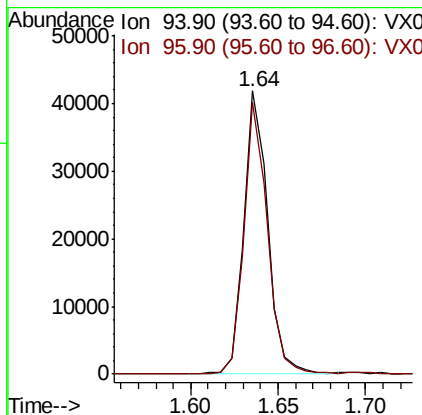
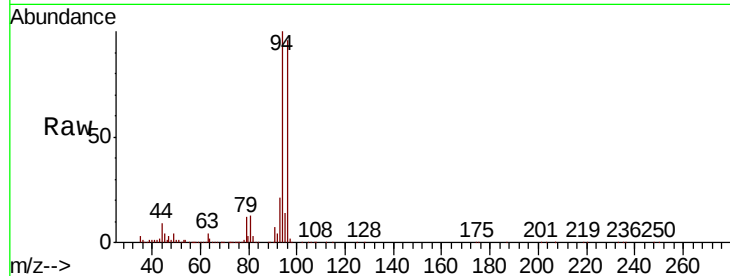
Ion Ratio Lower Upper

94 100

96 96.1 74.5 111.7

Manual Integrations
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#6

Chloroethane

Concen: 21.666 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004838.D

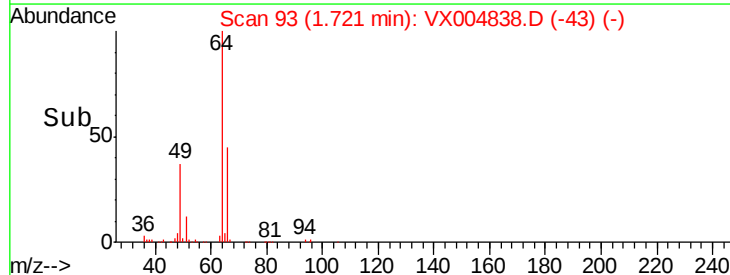
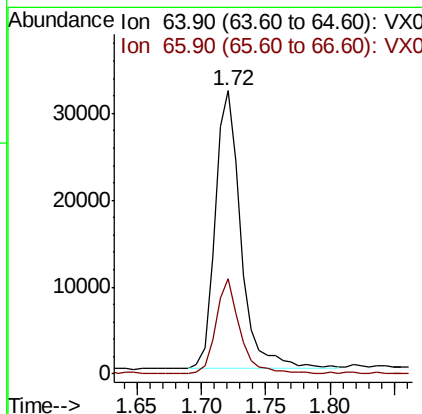
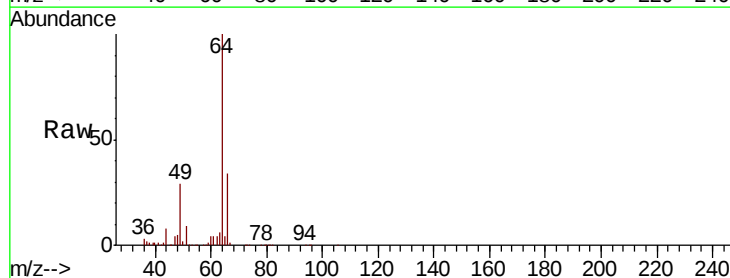
Acq: 28 Sep 2018 23:39

Tgt Ion: 64 Resp: 45278

Ion Ratio Lower Upper

64 100

66 34.0 24.6 36.8





#7

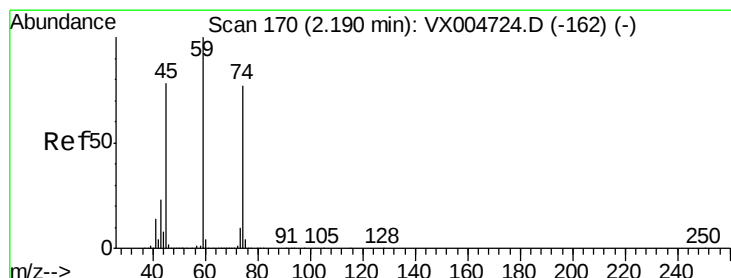
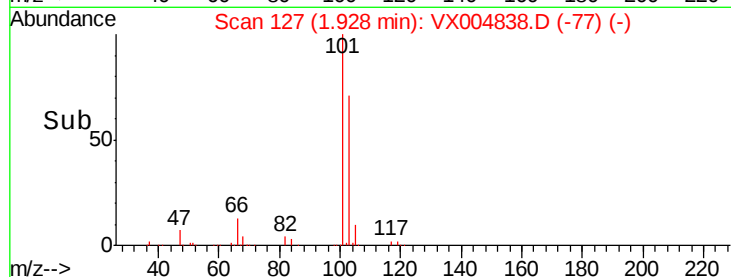
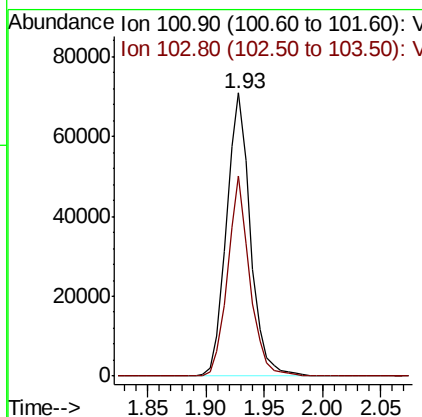
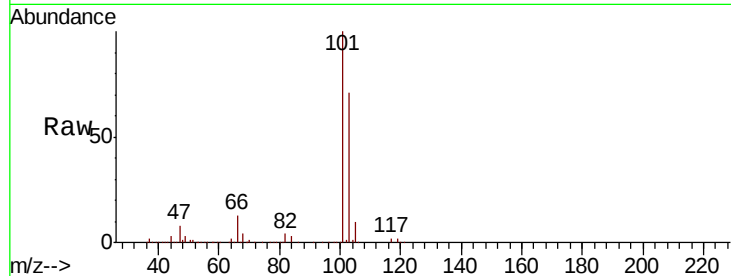
Trichlorofluoromethane
Concen: 22.563 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004838.D
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VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	100970		
103	70.6	48.9	73.3	

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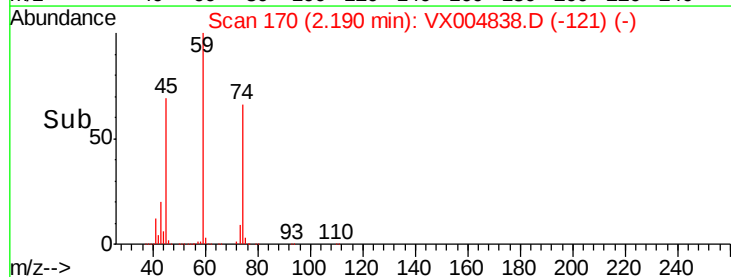
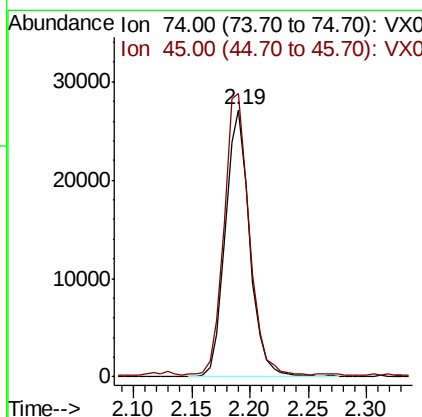
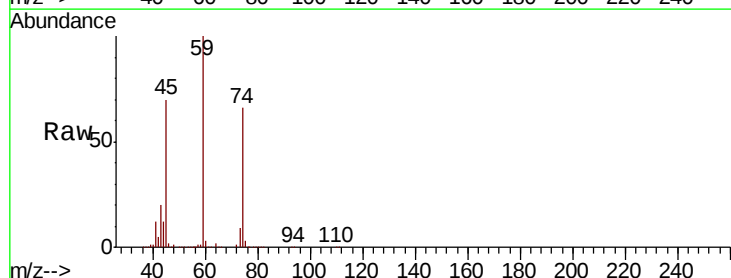
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#8

Diethyl Ether
Concen: 20.221 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39310		
45	108.1	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.190 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

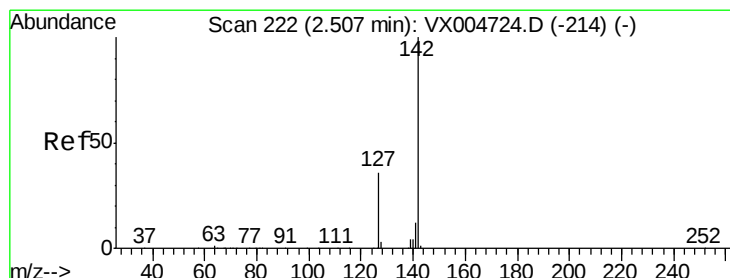
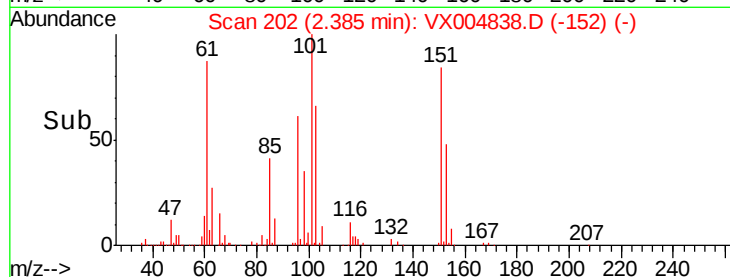
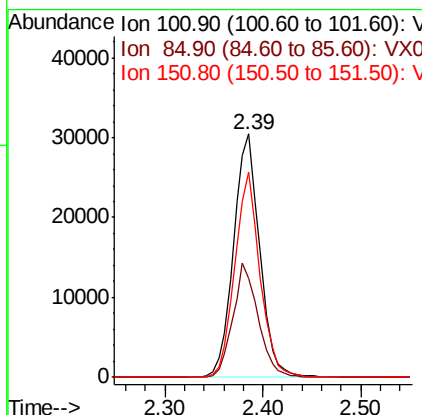
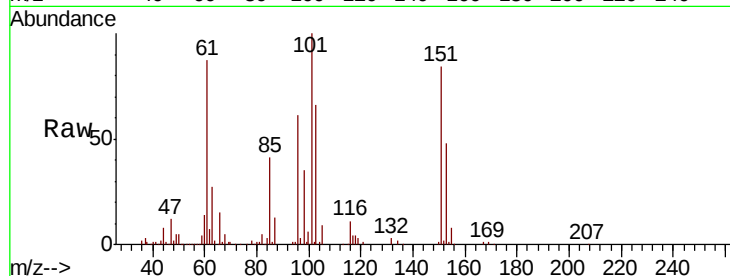
ClientSampleId :

VX0928WBS02

Tot Ion:	101	Resp:	56563
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.2	51.4
151	80.9	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 11.206 ug/l

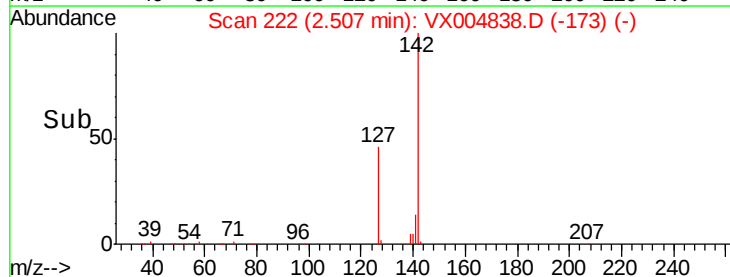
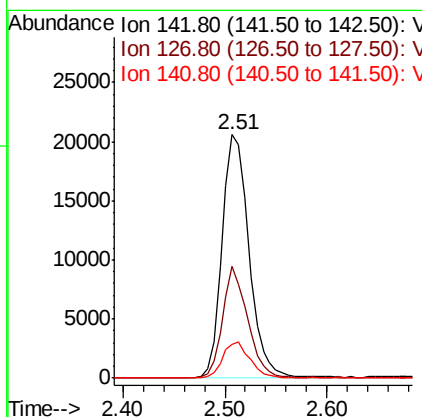
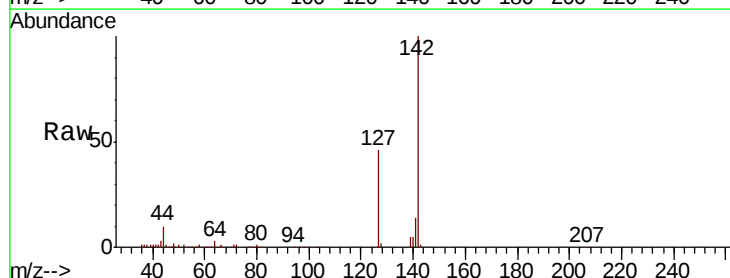
RT: 2.51 min Scan# 222

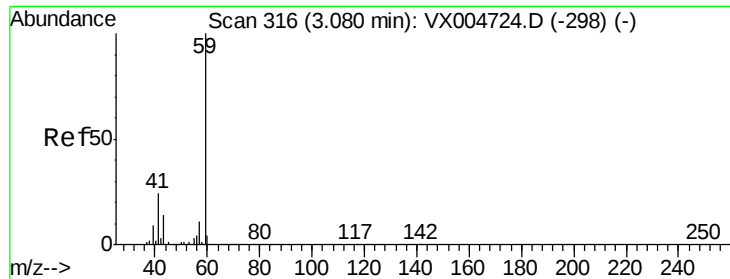
Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	142	Resp:	38223
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.8	50.6
141	14.6	11.4	17.0





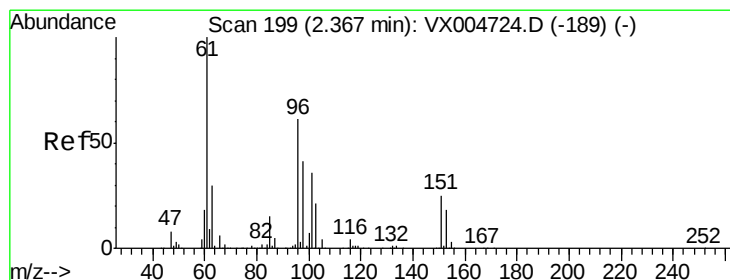
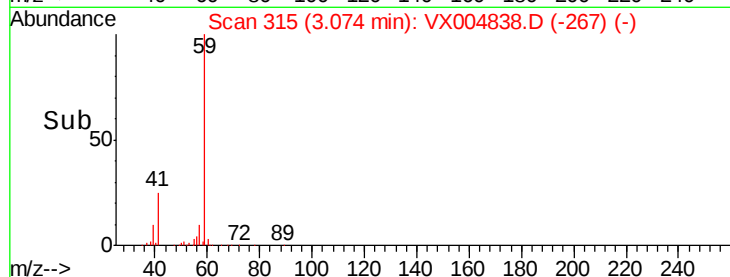
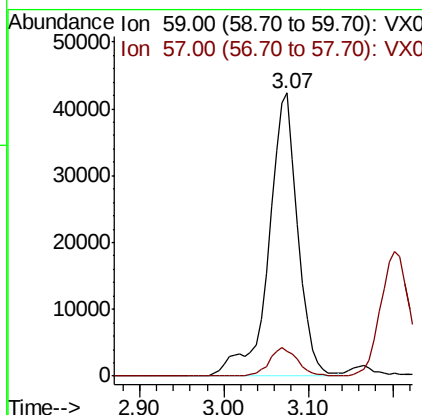
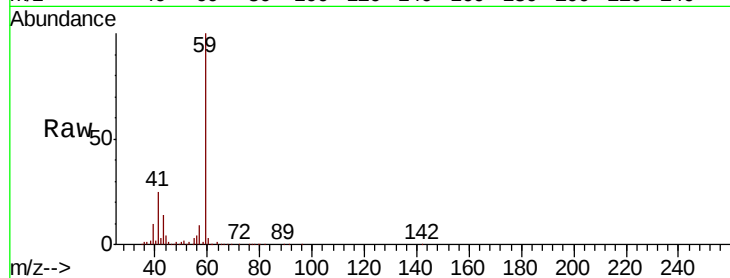
#11
Tert butyl alcohol
Concen: 108.694 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

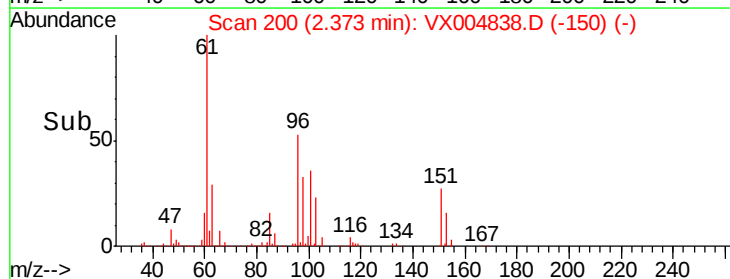
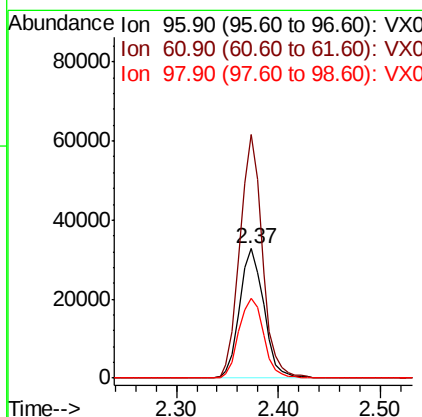
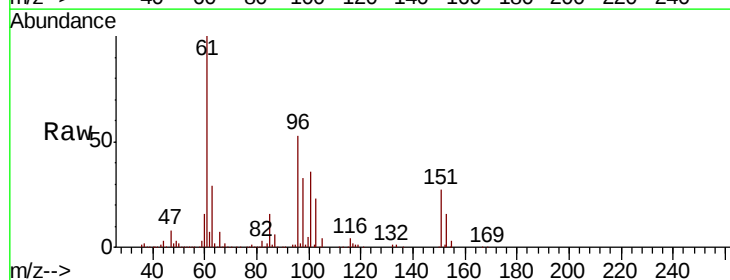
Manual Integrations
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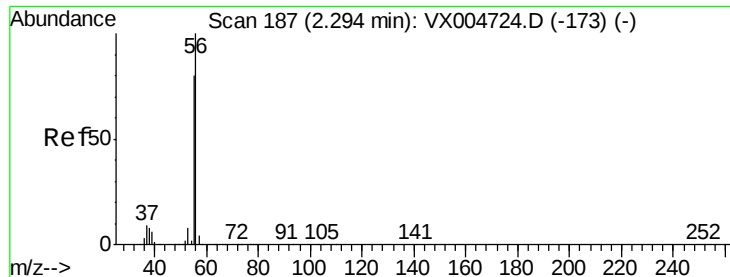
MMDadoda
10/1/2018 1:31:30 PM



#12
1,1-Dichloroethene
Concen: 21.368 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.3	128.8	193.2
98	62.2	52.2	78.2





#13

Acrolein

Concen: 73.610 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 56 Resp: 48738

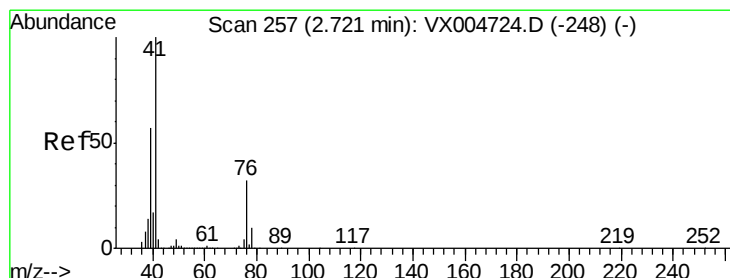
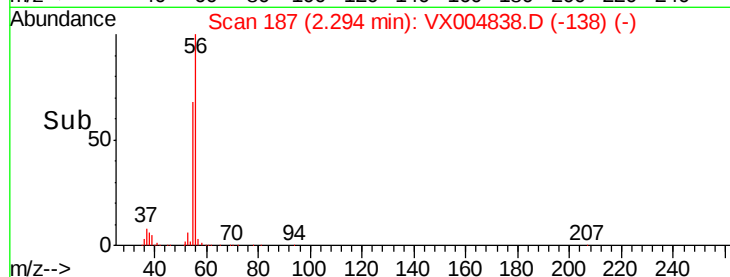
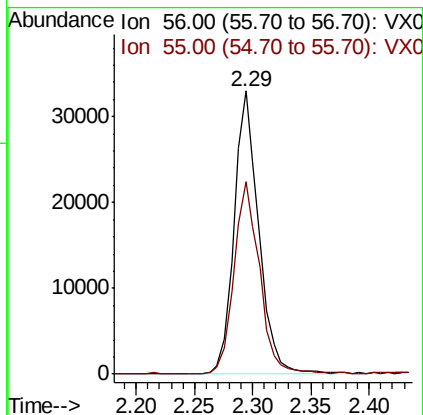
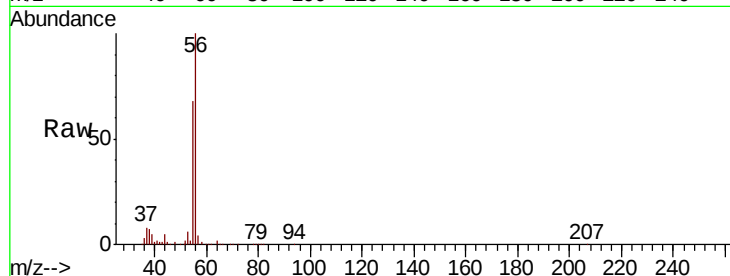
Ion Ratio Lower Upper

56 100

55 69.3 54.7 82.1

Manual Integrations
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#14

Allyl chloride

Concen: 21.128 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

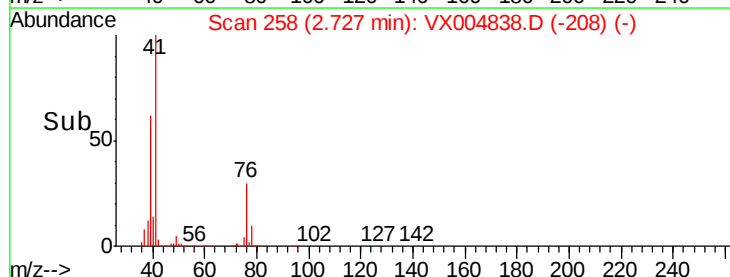
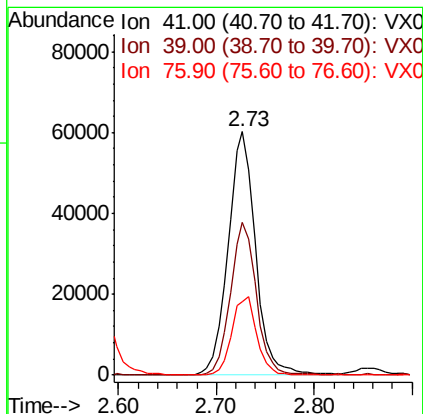
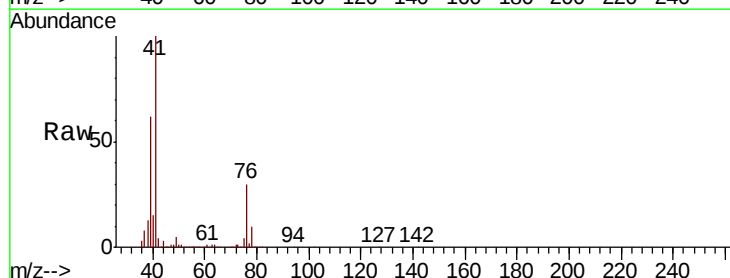
Tgt Ion: 41 Resp: 116374

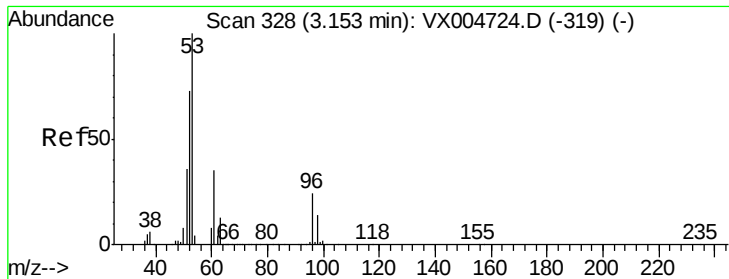
Ion Ratio Lower Upper

41 100

39 59.0 48.9 73.3

76 29.6 26.7 40.1





#15

Acrylonitrile

Concen: 105.608 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

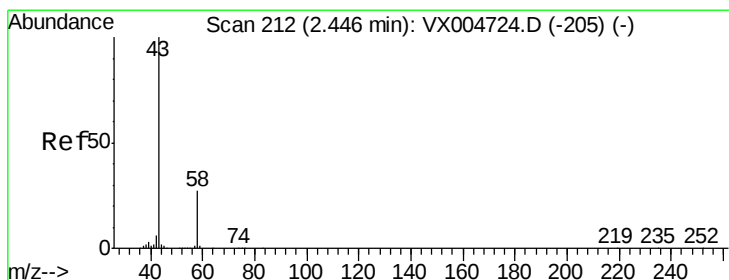
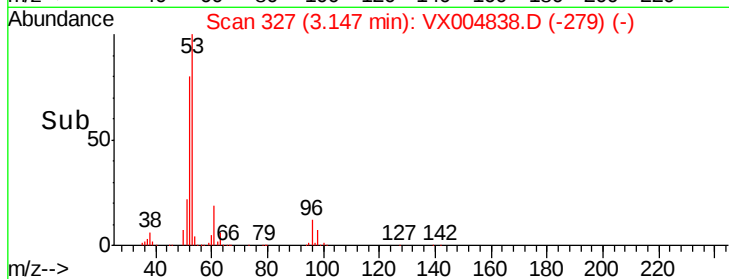
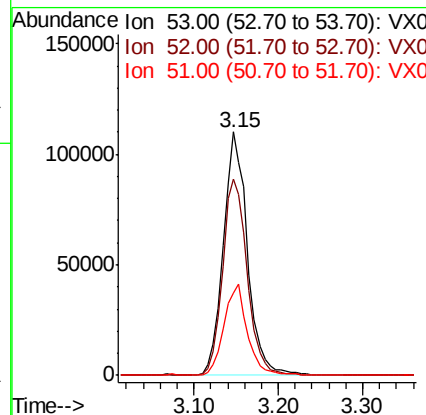
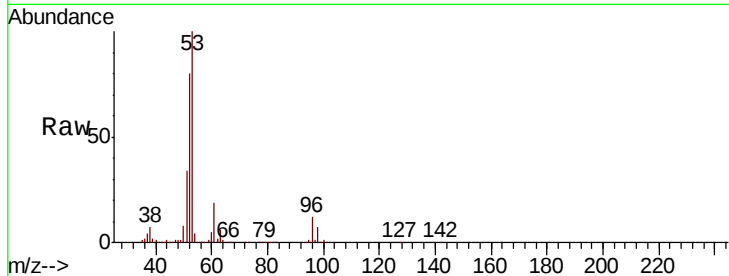
ClientSampled :

VX0928WBS02

Tot Ion:	53	Resp:	216345
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.2	97.8
51	36.5	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 99.207 ug/l

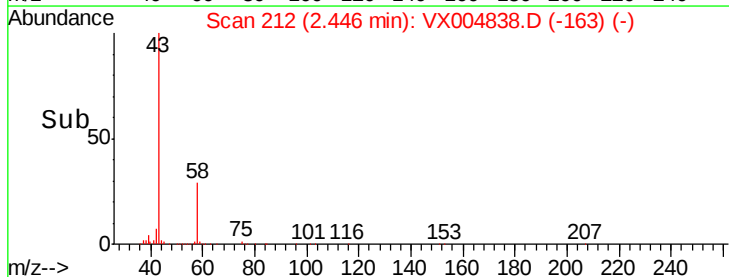
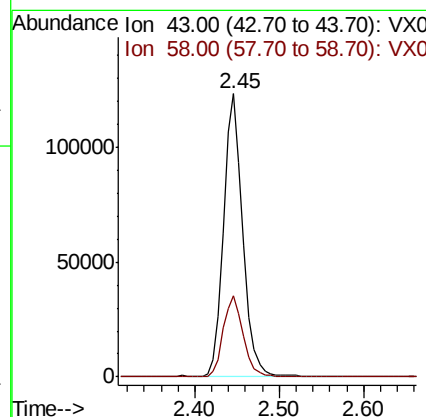
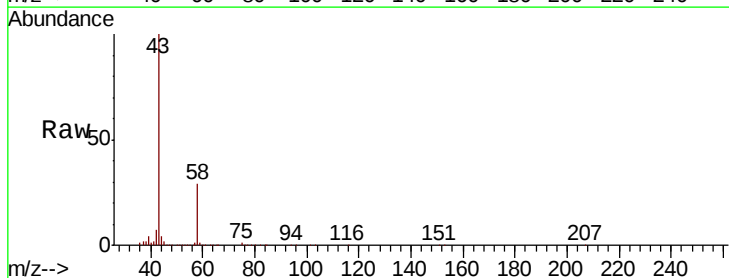
RT: 2.45 min Scan# 212

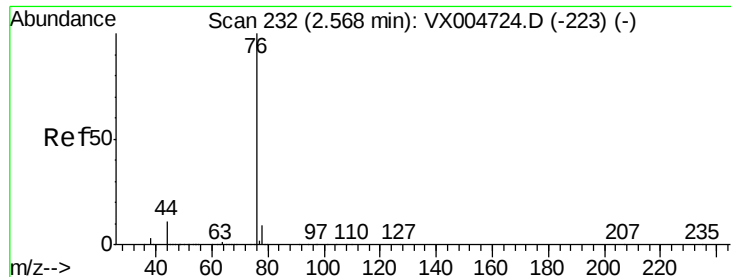
Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	43	Resp:	192763
Ion	Ratio	Lower	Upper
43	100		
58	28.7	26.2	39.4





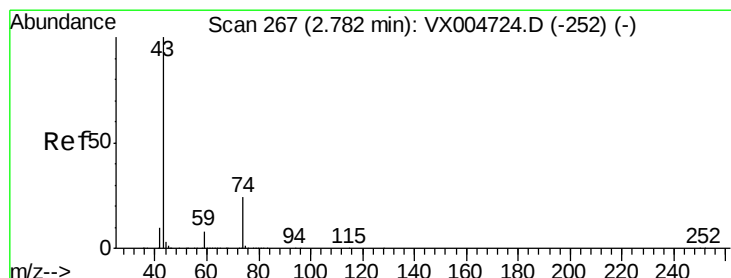
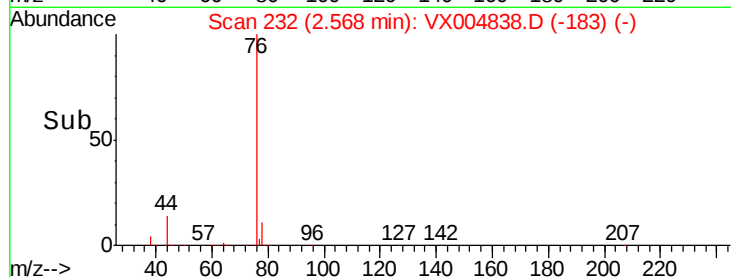
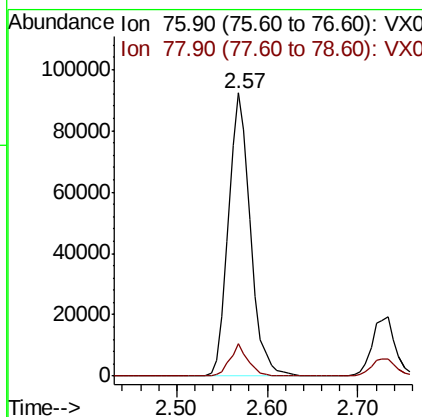
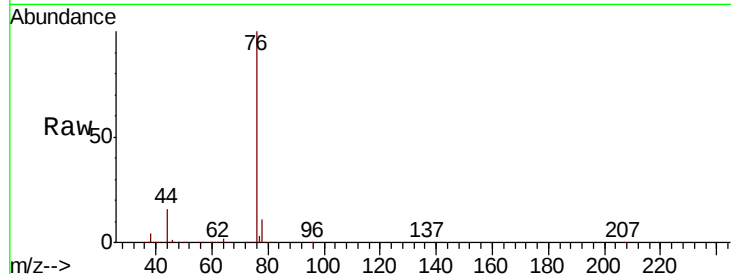
#17
Carbon Disulfide
Concen: 20.415 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampled :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.0	10.6#

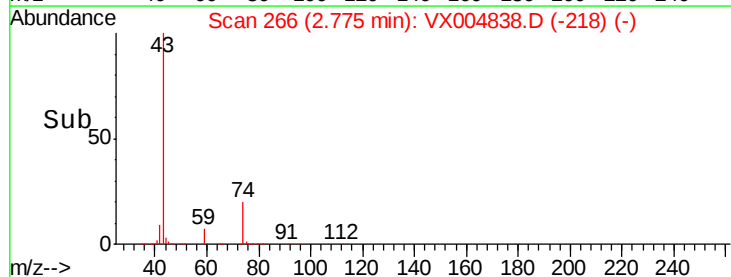
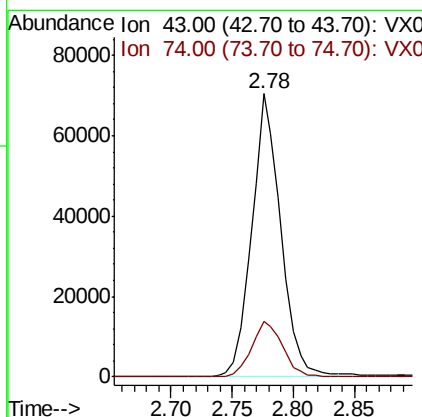
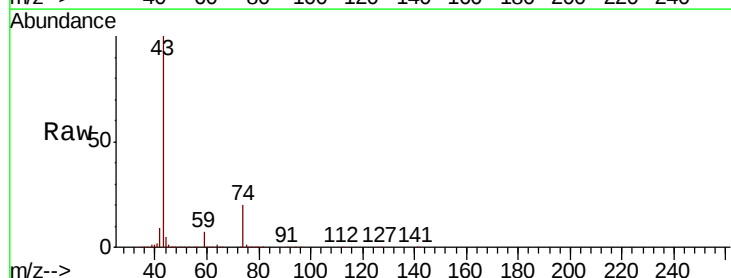
Manual Integrations
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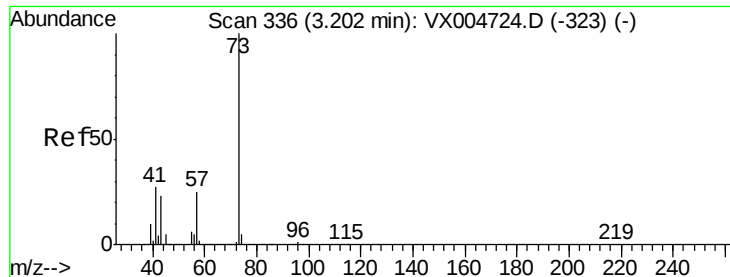
MMDadoda
10/1/2018 1:31:30 PM



#18
Methyl Acetate
Concen: 23.403 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	19.4	29.2





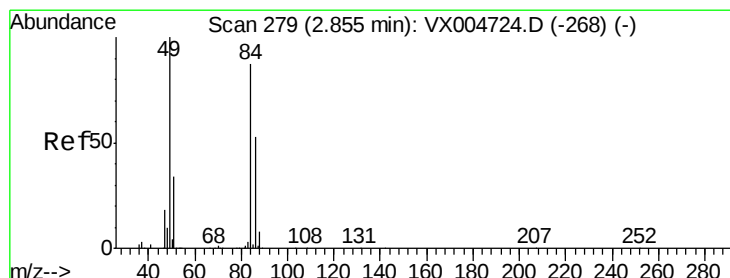
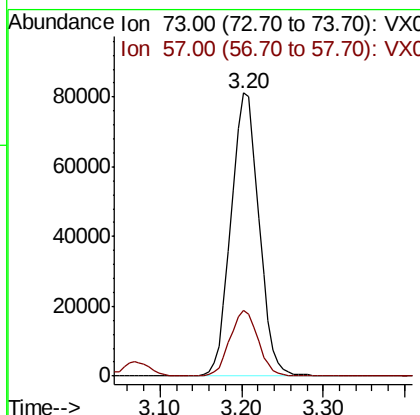
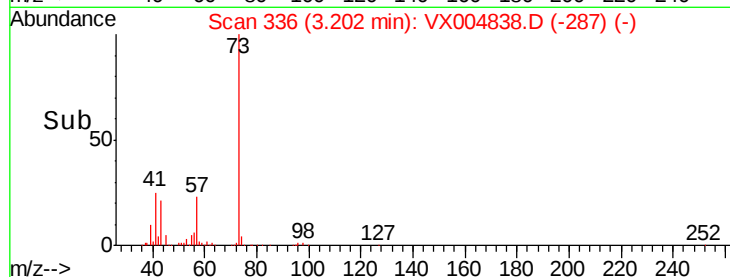
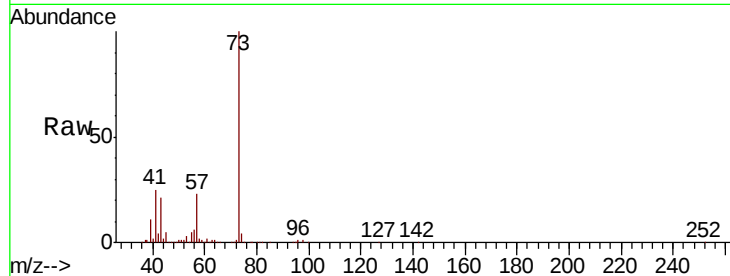
#19
Methvl tert-butvl Ether
Concen: 22.084 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.1	25.7

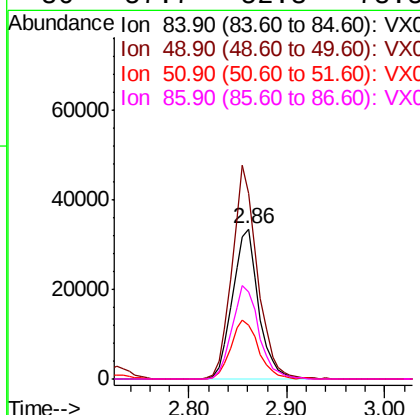
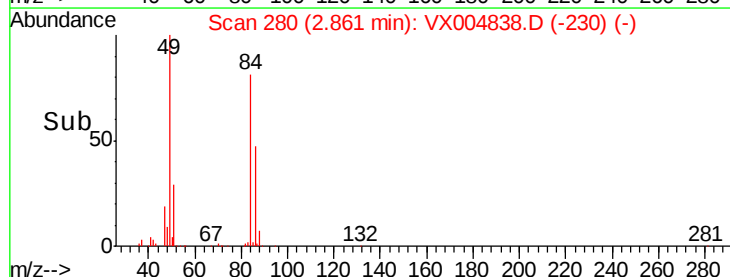
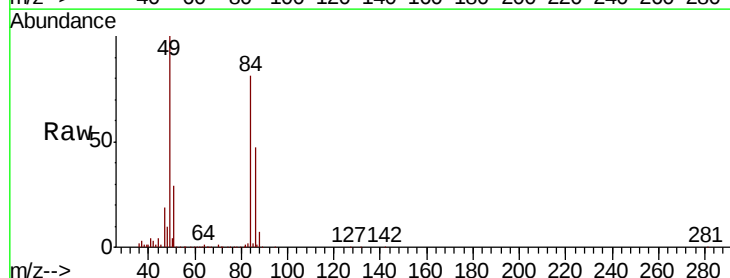
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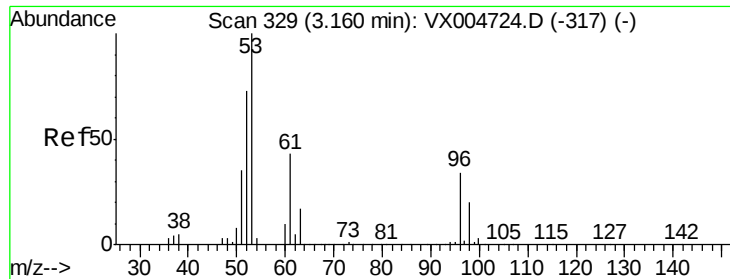
MMDadoda
10/1/2018 1:31:30 PM



#20
Methylene Chloride
Concen: 21.414 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	101.2	151.8
51	35.5	29.5	44.3
86	57.7	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 20.382 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

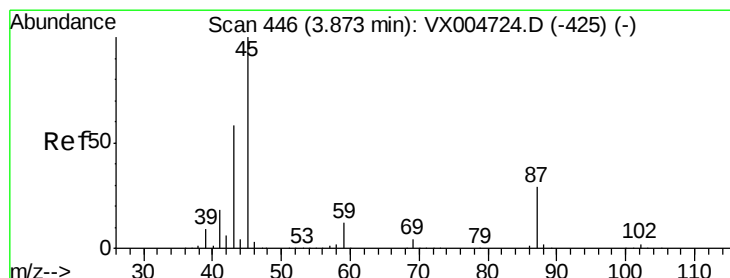
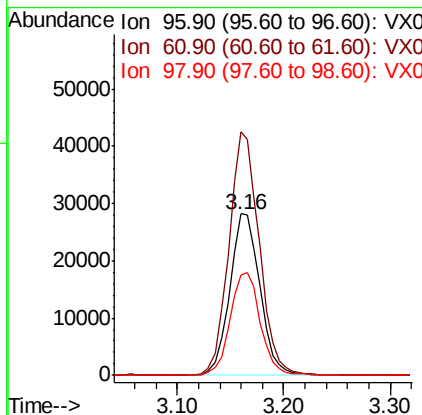
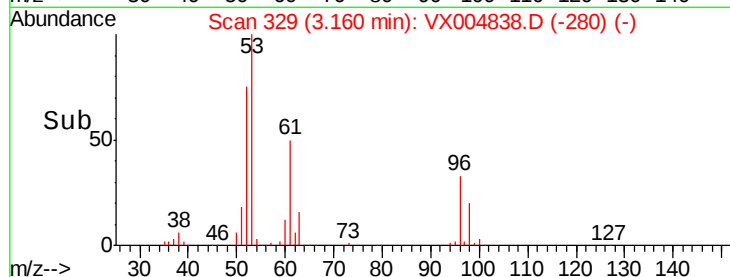
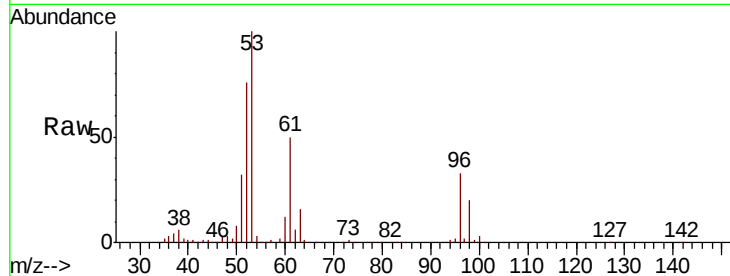
ClientSampleId :

VX0928WBS02

Tot Ion:	96	Resp:	56324
Ion	Ratio	Lower	Upper
96	100		
61	150.9	113.8	170.6
98	61.8	51.8	77.8

Manual Integrations
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10/1/2018 1:31:30 PM



#22

Diisopropyl ether

Concen: 22.409 ug/l

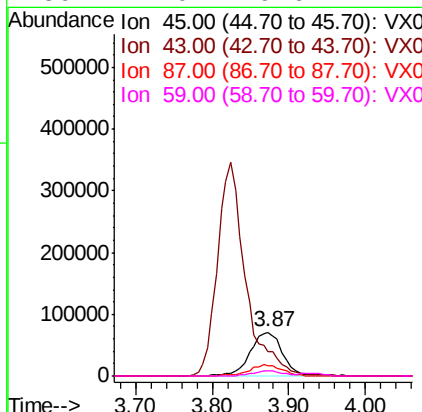
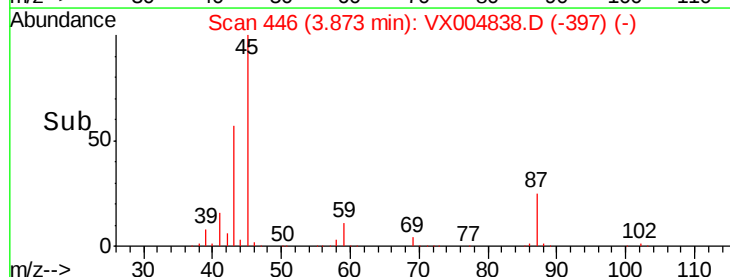
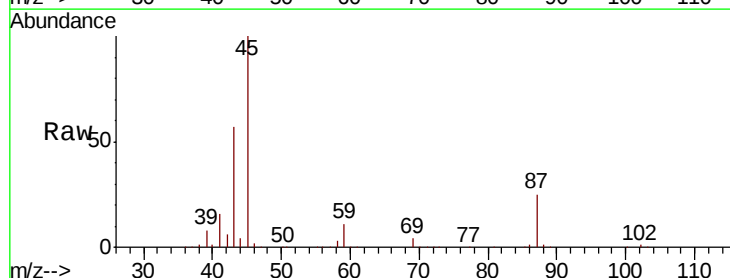
RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	45	Resp:	207850
Ion	Ratio	Lower	Upper
45	100		
43	56.0	42.8	64.2
87	24.9	22.6	34.0
59	11.0	9.6	14.4





#23

Vinyl Acetate

Concen: 104.903 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 43 Resp: 890646

Ion Ratio Lower Upper

43 100

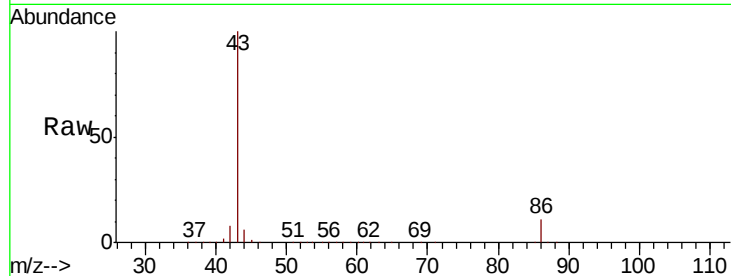
86 10.8 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

200000

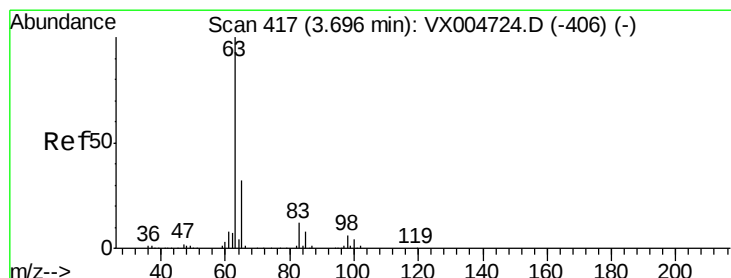
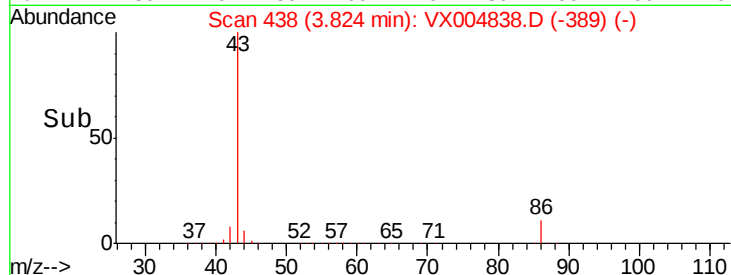
100000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.905 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

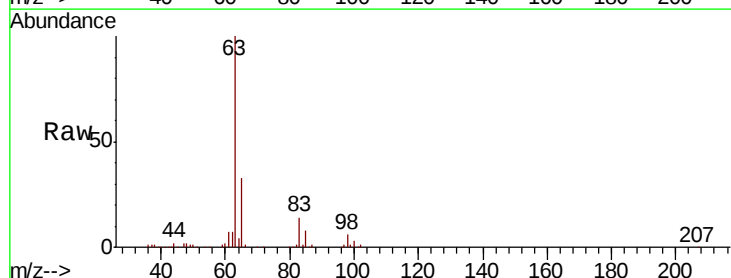
Tgt Ion: 63 Resp: 115663

Ion Ratio Lower Upper

63 100

98 5.8 3.5 10.4

100 3.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

40000

20000

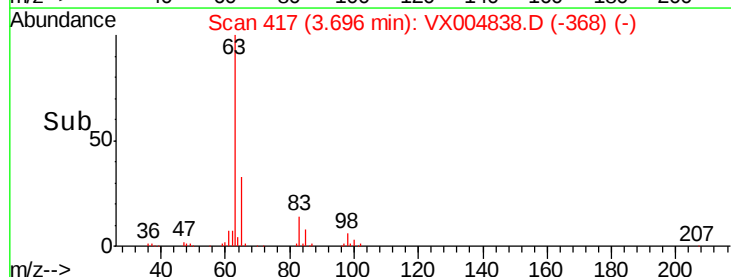
0

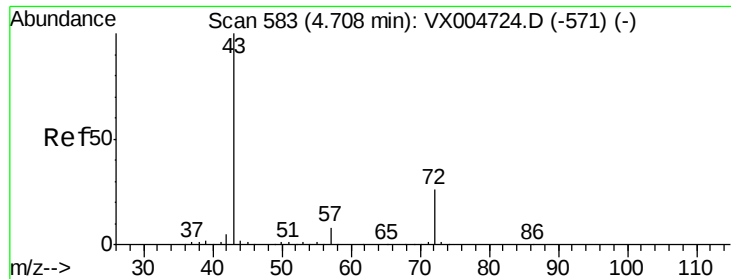
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 100.678 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

VX0928WBS02

Tot Ion: 43 Resp: 288354

Ion Ratio Lower Upper

43 100

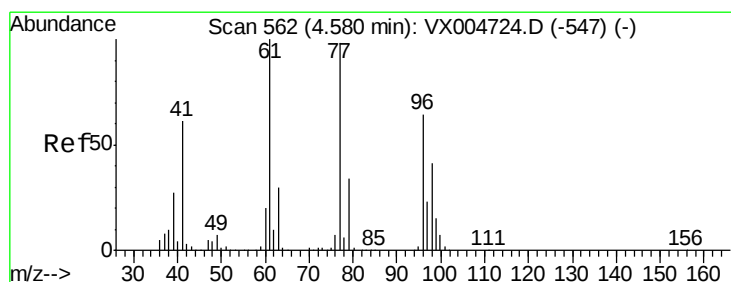
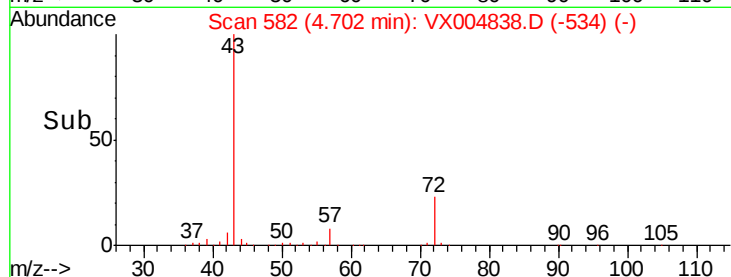
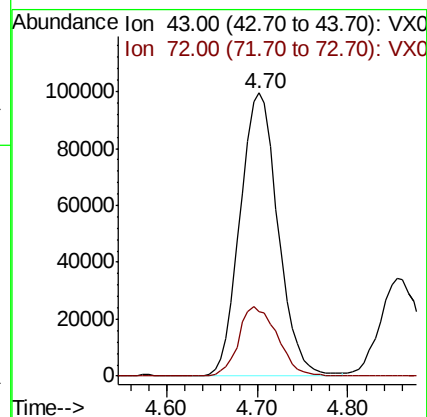
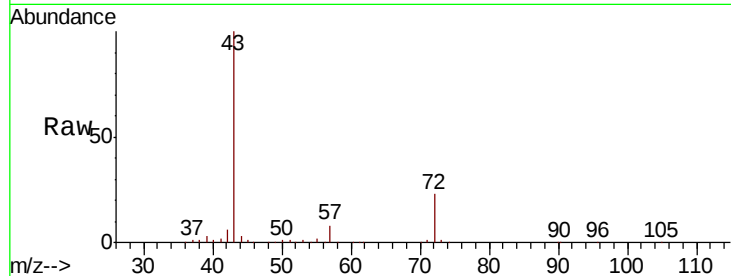
72 22.6 22.0 33.0

Manual Integrations

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10/1/2018 1:31:30 PM



#26

2,2-Dichloropropane

Concen: 17.690 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004838.D

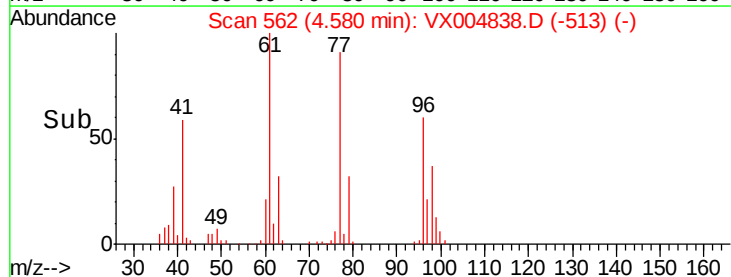
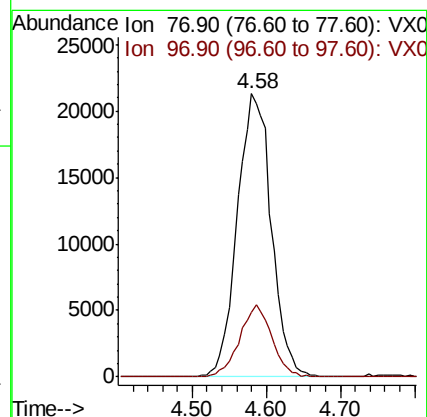
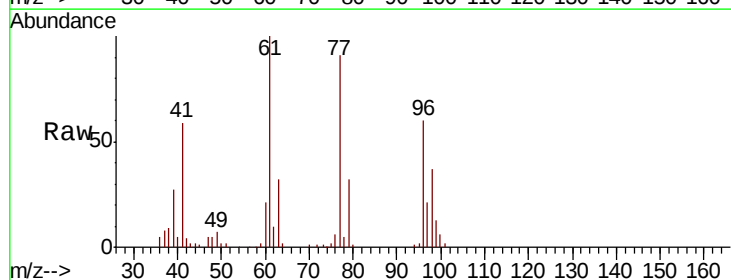
Acq: 28 Sep 2018 23:39

Tgt Ion: 77 Resp: 68156

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

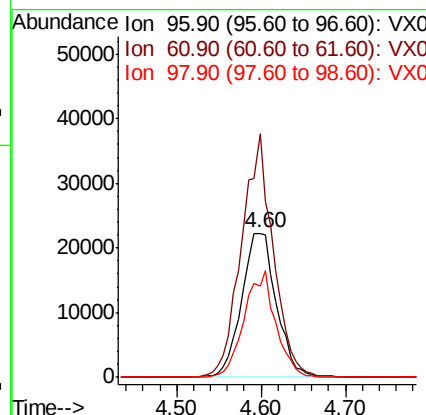
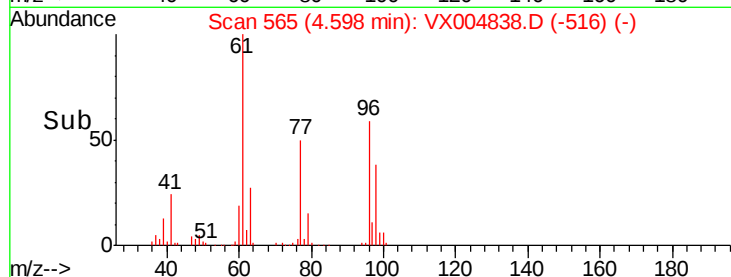
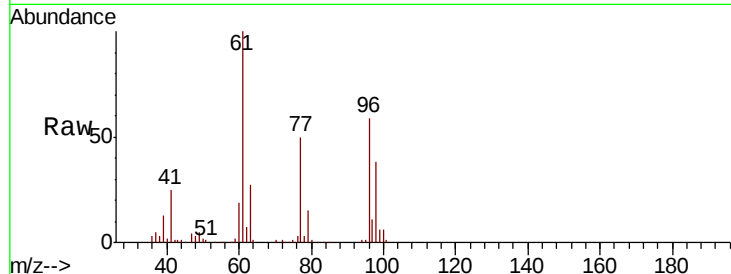
cis-1,2-Dichloroethene
 Concen: 20.132 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	282.6
98	67.0	0.0	130.2

Manual Integrations
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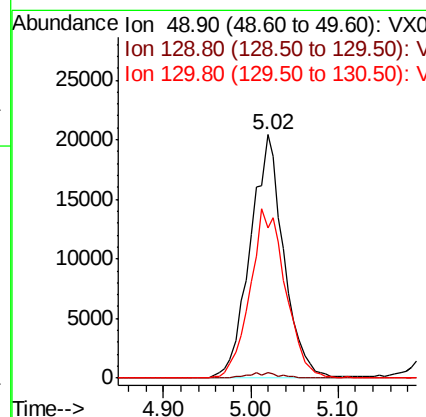
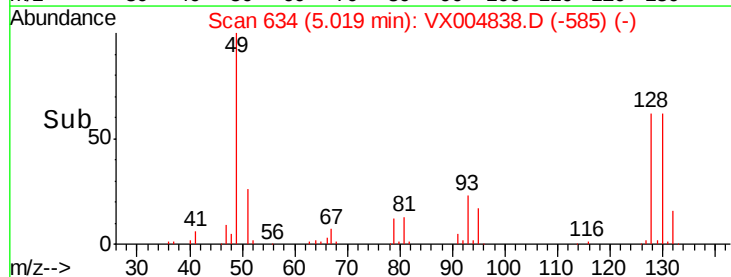
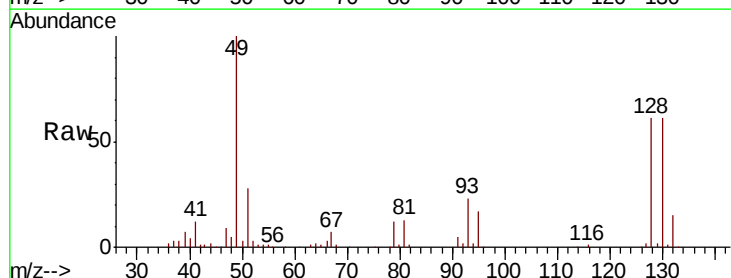
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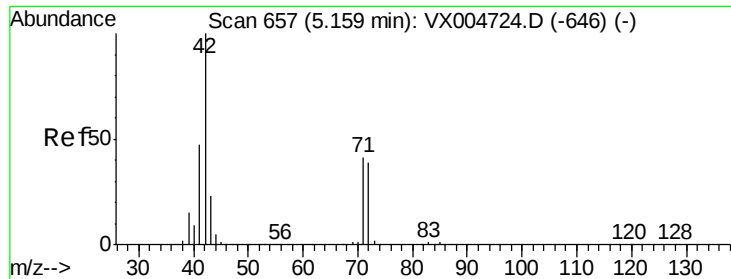


#28

Bromochloromethane
 Concen: 20.891 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	73.5	67.5	101.3





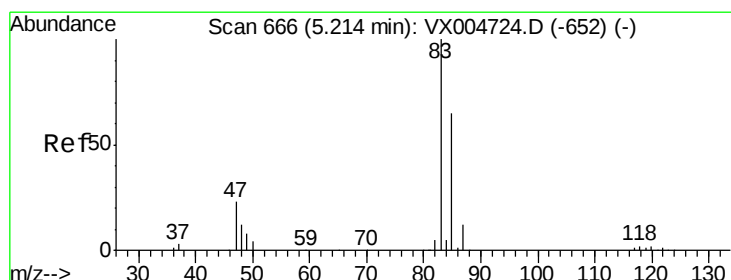
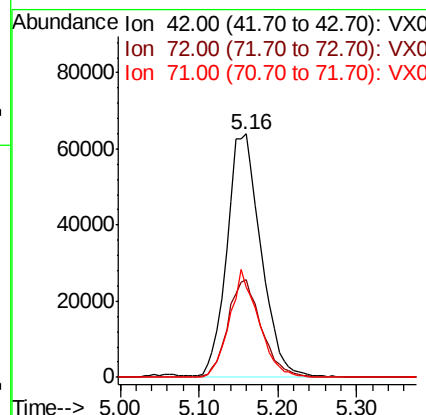
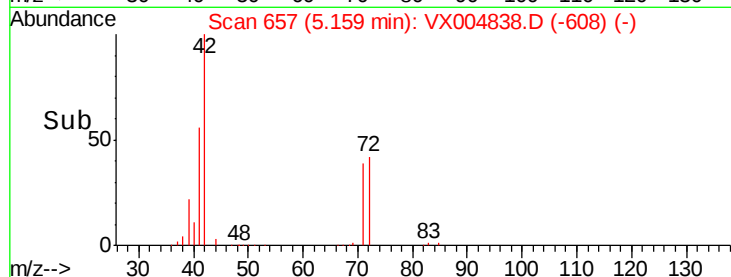
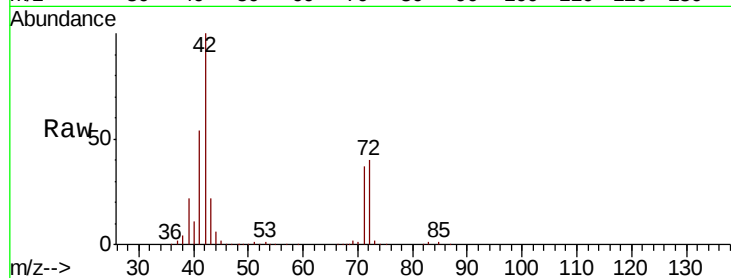
#29
Tetrahydrofuran
Concen: 107.257 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion:	42	Resp:	190933
Ion Ratio		Lower	Upper
42	100		
72	40.0	37.4	56.0
71	38.2	34.5	51.7

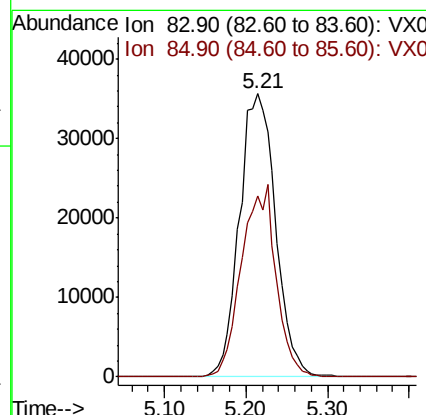
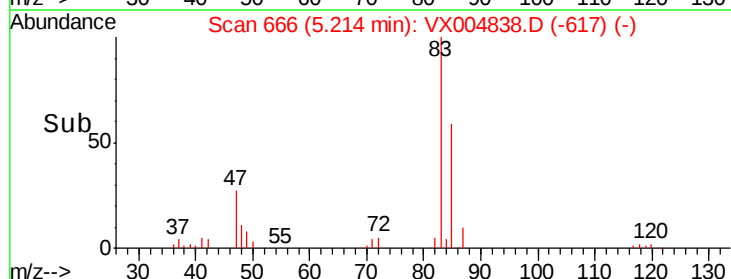
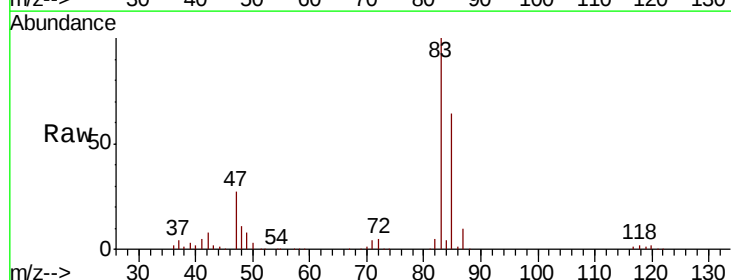
Manual Integrations
APPROVED

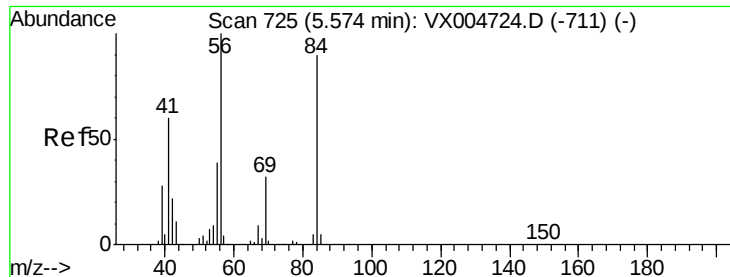
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#30
Chloroform
Concen: 20.986 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion:	83	Resp:	109738
Ion Ratio		Lower	Upper
83	100		
85	64.2	52.6	79.0





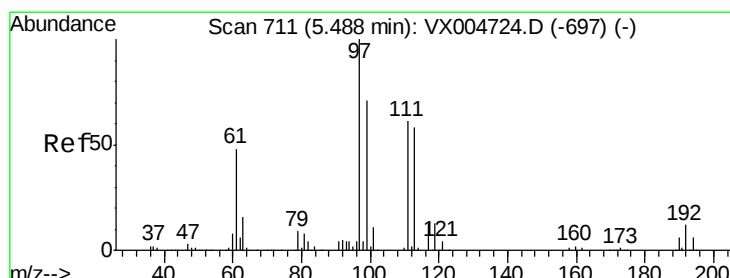
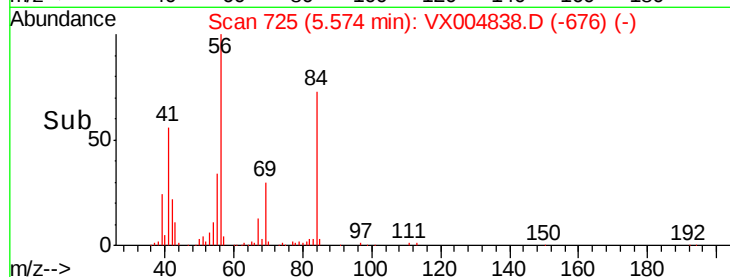
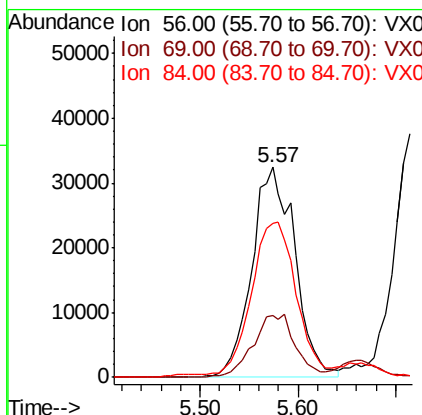
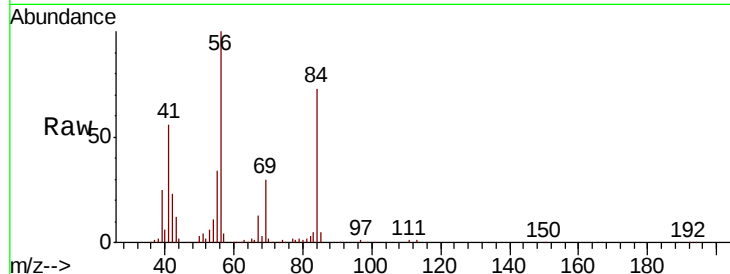
#31
Cyclohexane
Concen: 23.444 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.4	38.2
84	71.8	71.4	107.2

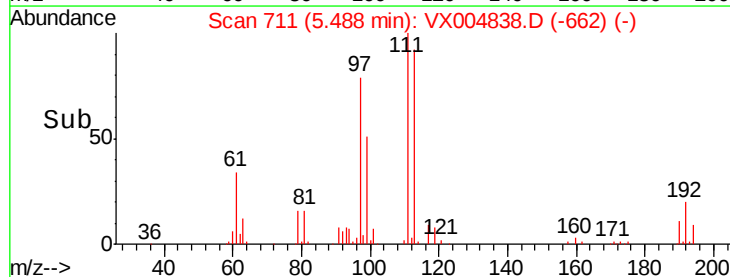
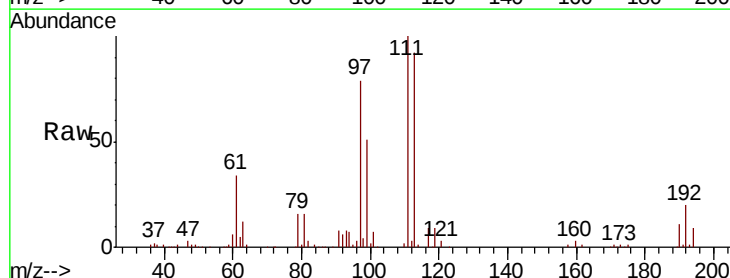
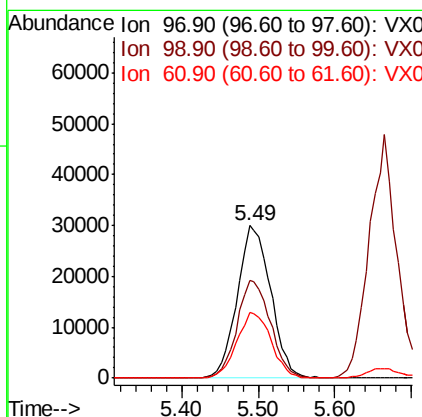
Manual Integrations
APPROVED

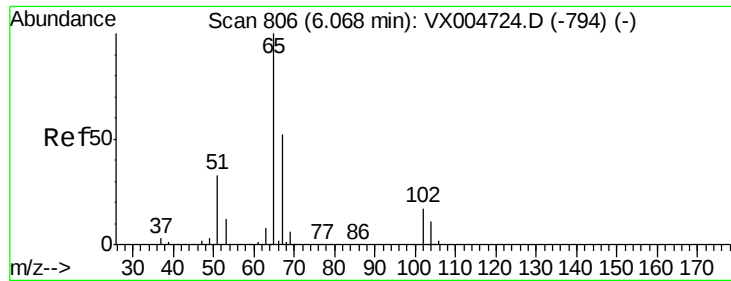
MMDadoda
10/1/2018 1:31:30 PM



#32
1,1,1-Trichloroethane
Concen: 21.385 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	44.2	34.9	52.3





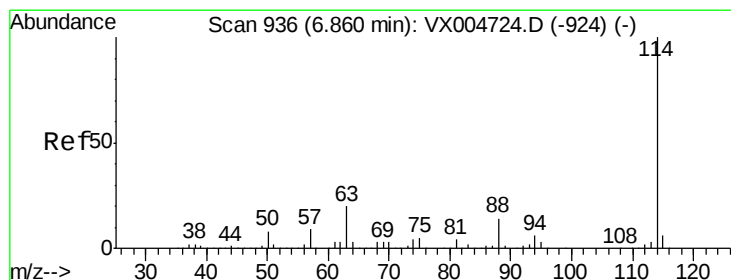
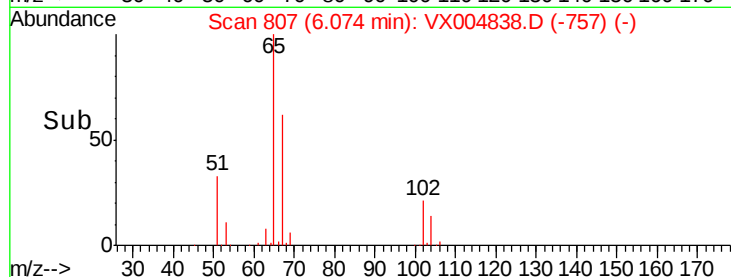
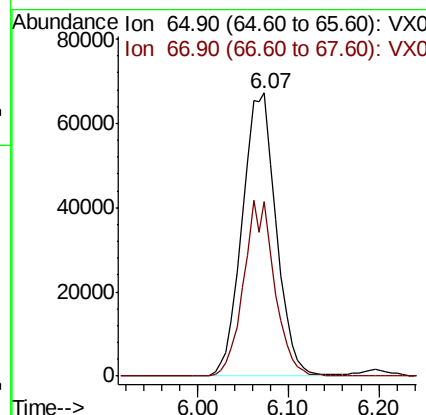
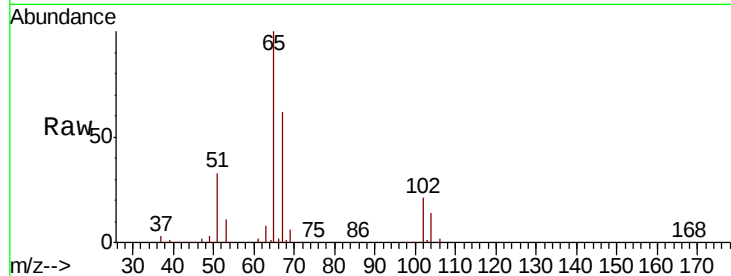
#33
 1,2-Dichloroethane-d4
 Concen: 52.325 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	174145		
67	56.7	0.0	106.8	

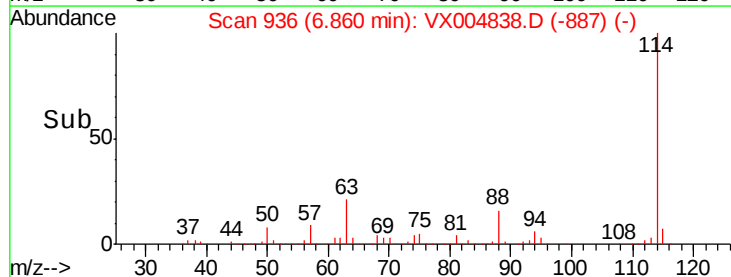
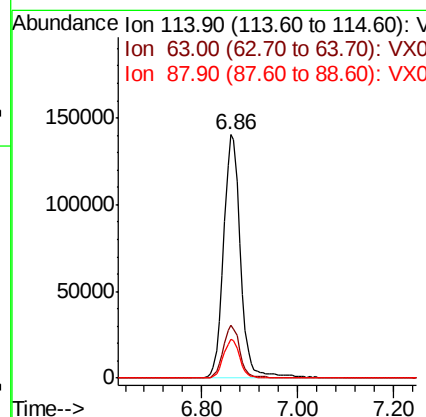
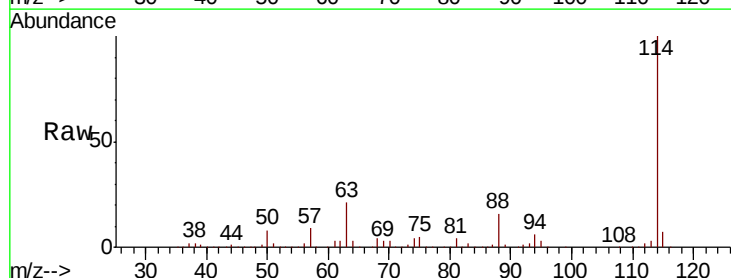
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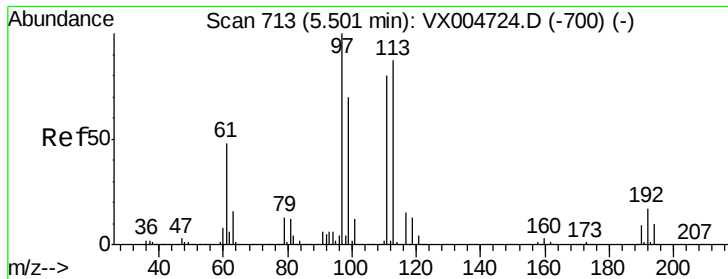
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	344403		
63	21.5	0.0	39.0	
88	16.1	0.0	30.4	





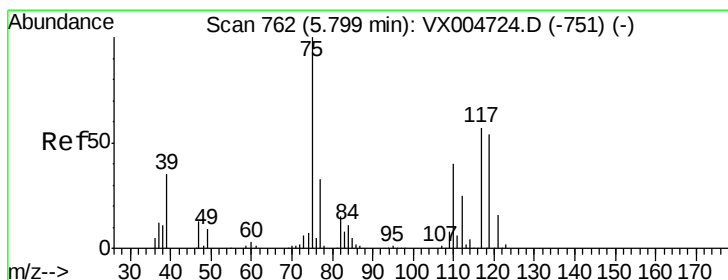
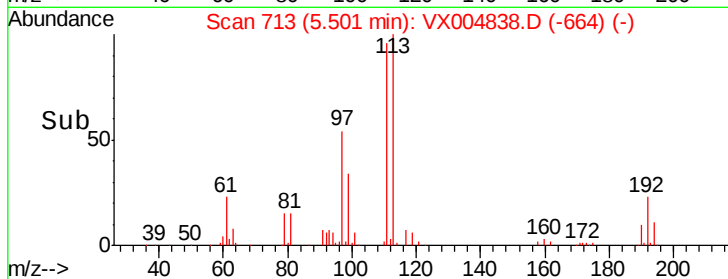
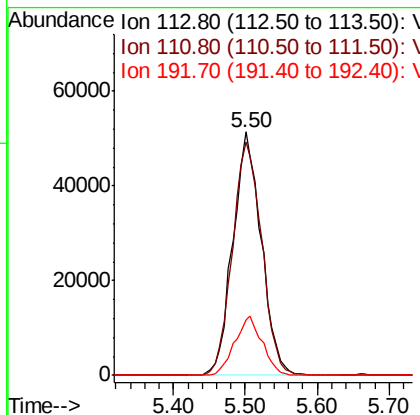
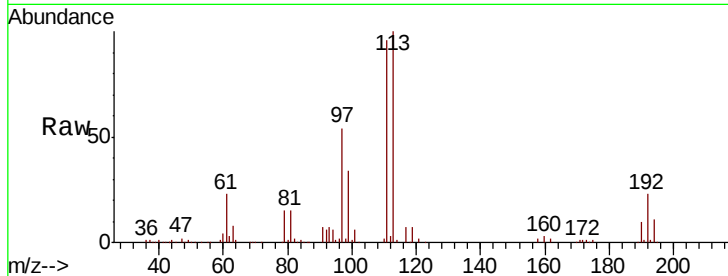
#35
 Dibromofluoromethane
 Concen: 48.091 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140371		
111	99.4	82.4	123.6	
192	23.5	19.4	29.2	

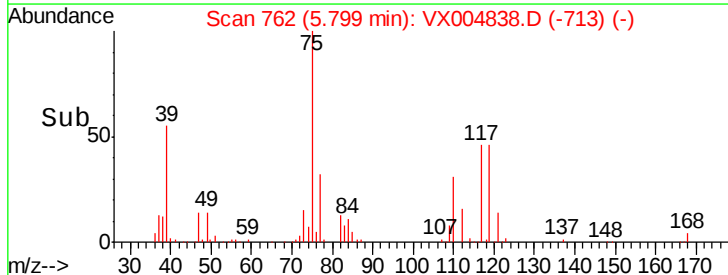
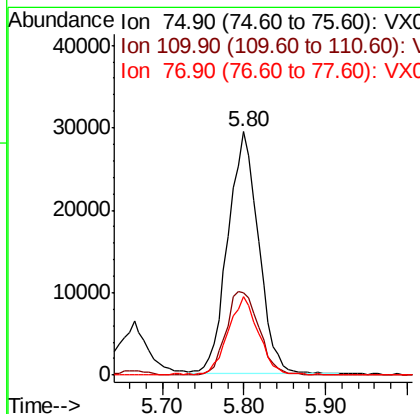
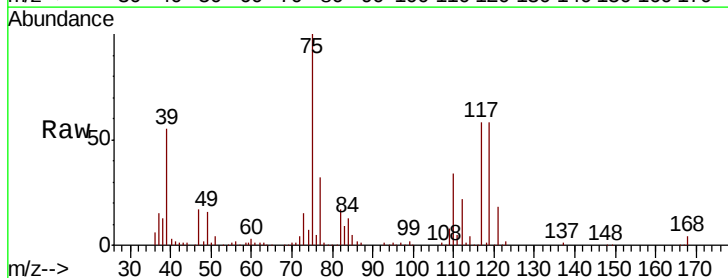
Manual Integrations
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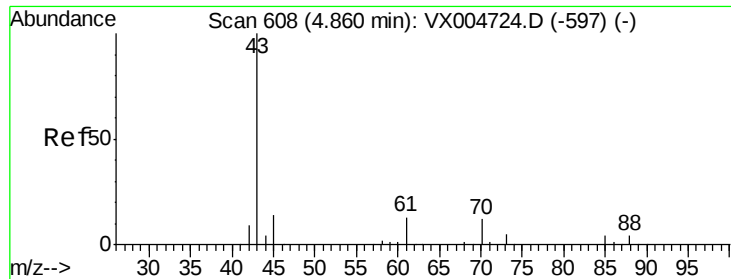
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#36
 1,1-Dichloropropene
 Concen: 19.218 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76534		
110	37.0	18.0	54.0	
77	32.2	24.6	36.8	





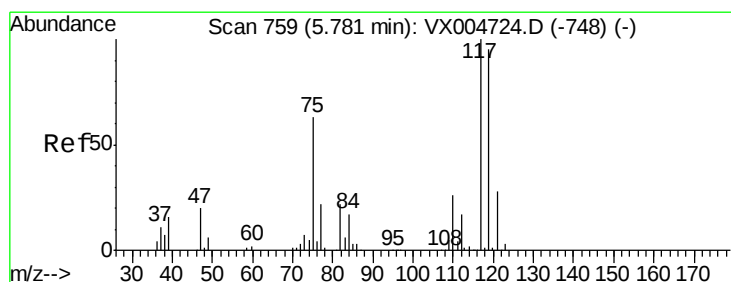
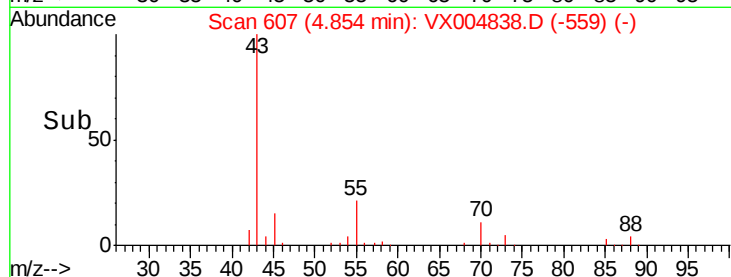
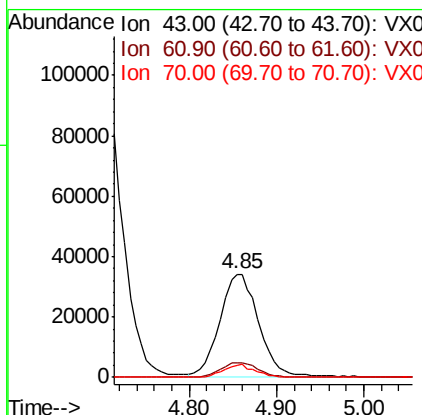
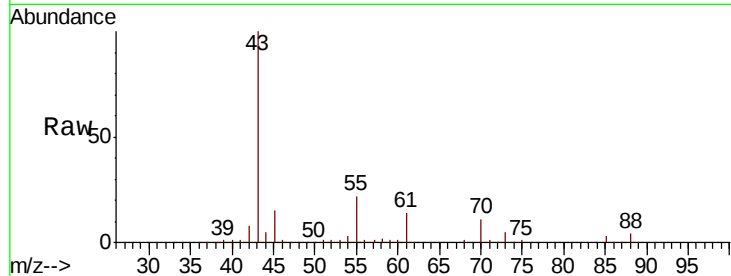
#37
Ethyl Acetate
Concen: 19.667 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	10.4	9.0	13.6

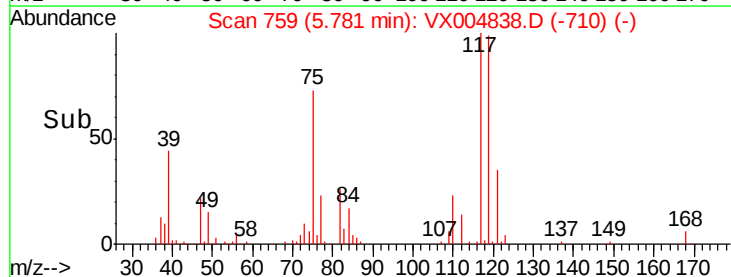
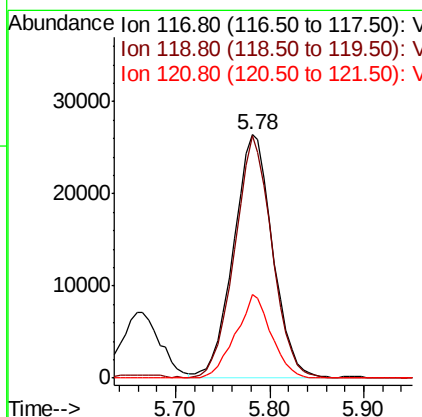
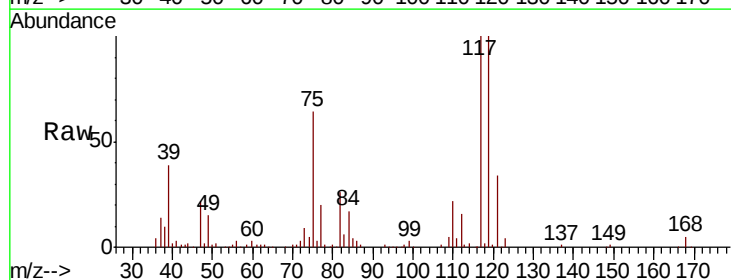
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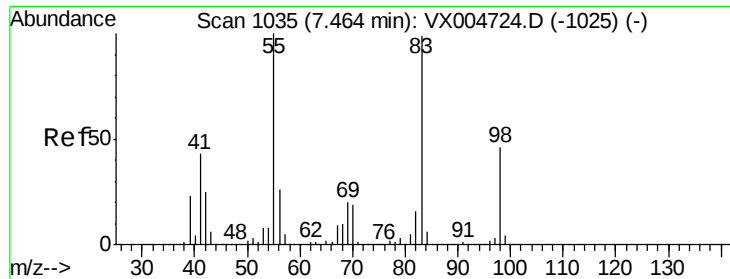
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#38
Carbon Tetrachloride
Concen: 18.192 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	78.8	118.2
121	34.6	24.9	37.3





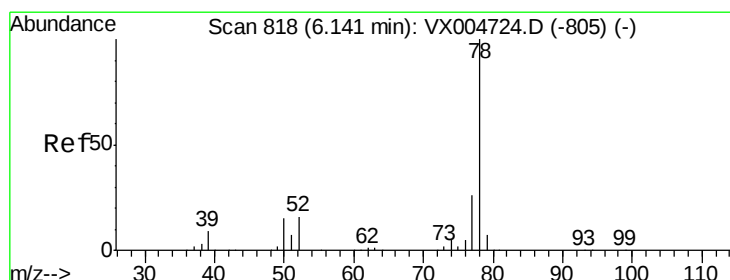
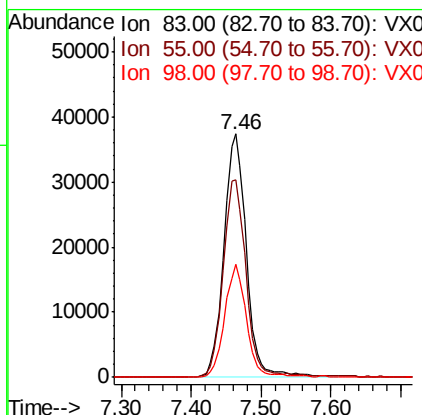
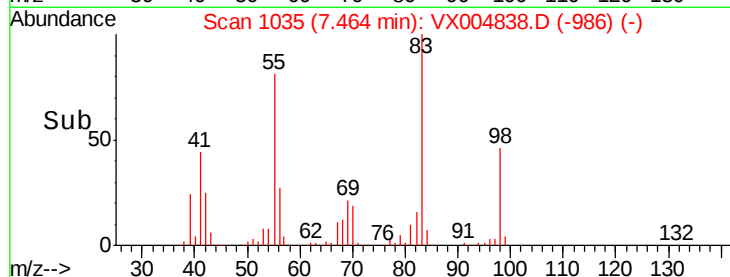
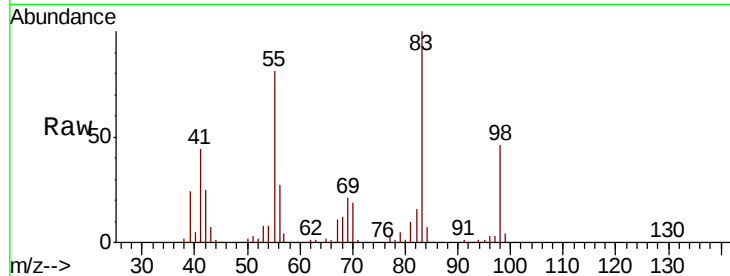
#39
Methvlcvclohexane
Concen: 20.623 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	61.0	91.4
98	46.3	39.6	59.4

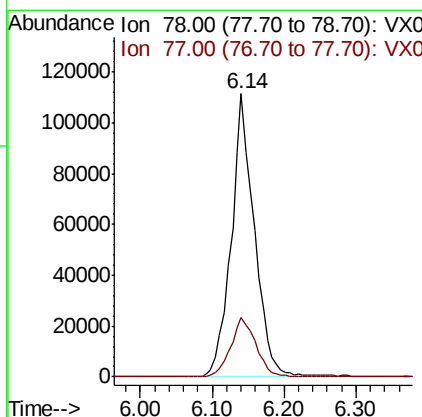
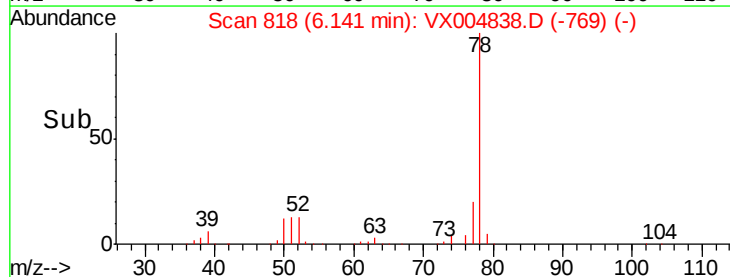
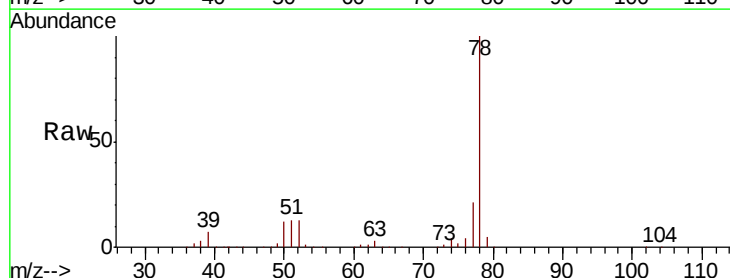
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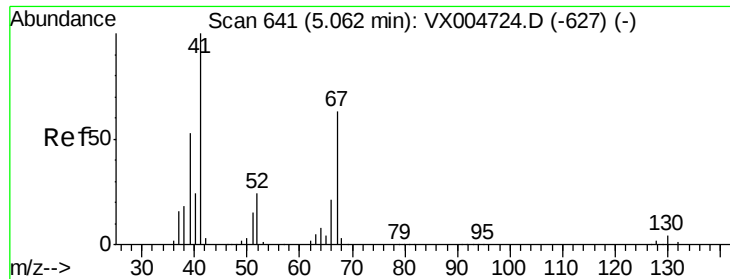
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#40
Benzene
Concen: 20.055 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.9	19.0	28.4





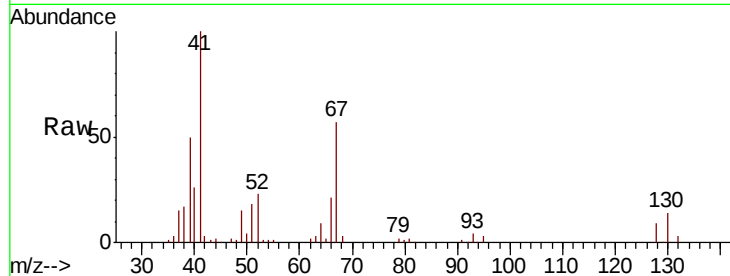
#41
Methacrylonitrile
Concen: 19.781 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	42.4	63.6	
67	70.4	59.2	88.8	
52	29.2	23.0	34.4	

Manual Integrations
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MMDadoda
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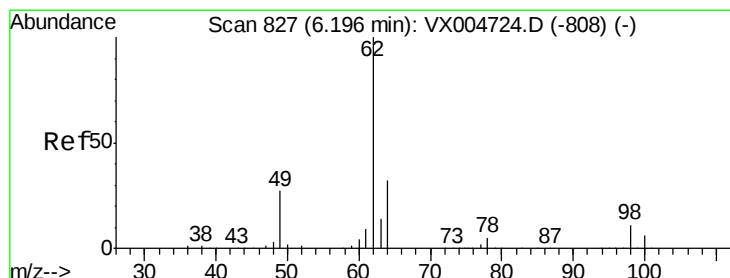
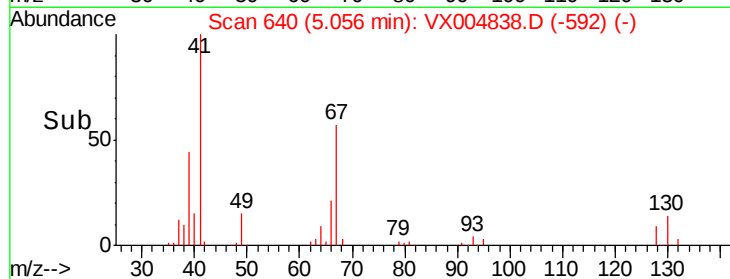
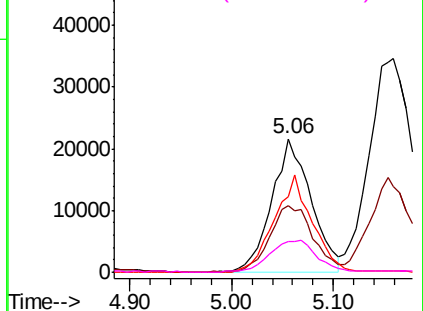
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

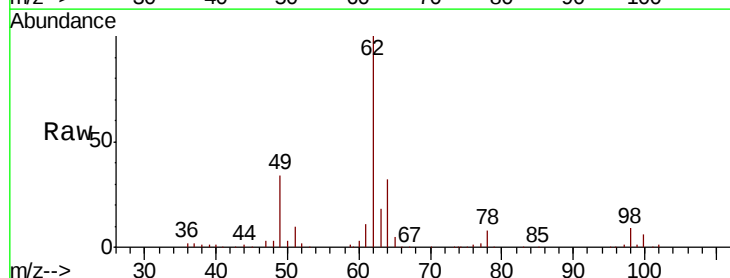
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.720 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

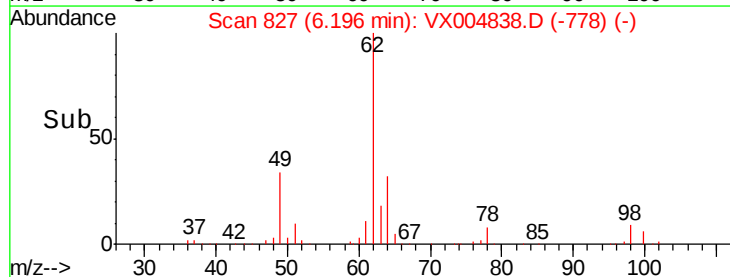
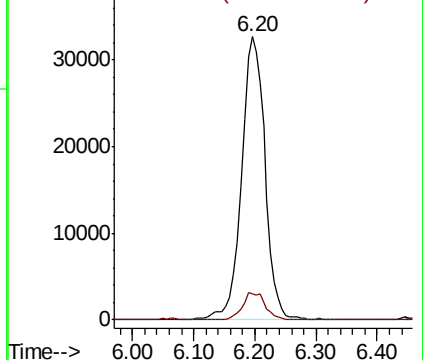
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	20.6	



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.254 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

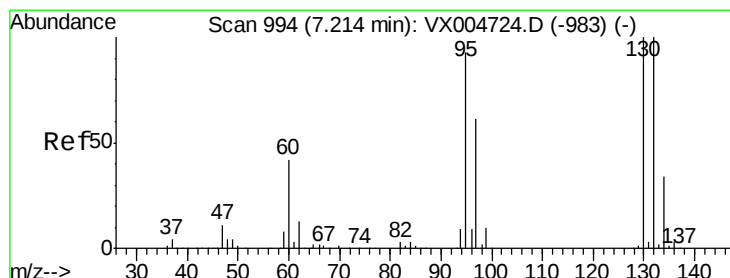
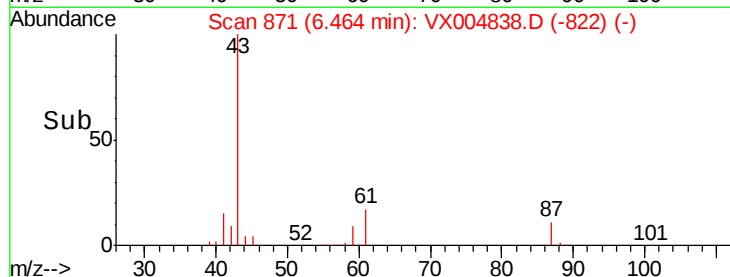
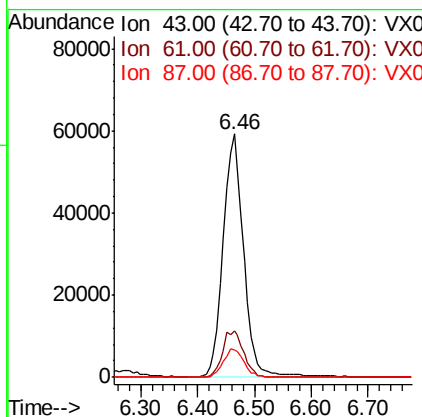
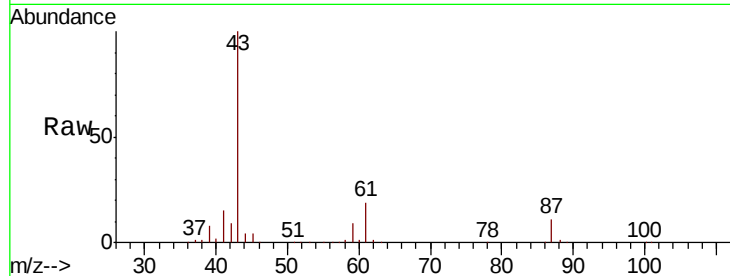
ClientSampled :

VX0928WBS02

Tot Ion:	43	Resp:	146909
Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.0	25.4
87	12.0	11.4	17.2

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#44

Trichloroethene

Concen: 19.925 ug/l

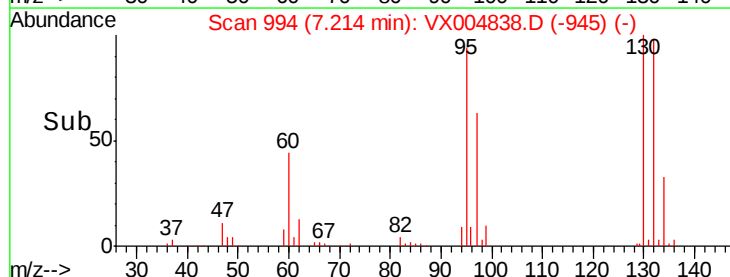
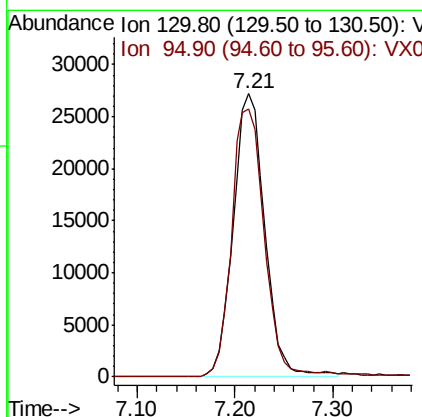
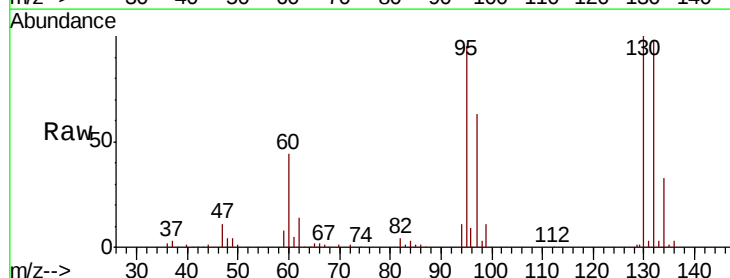
RT: 7.21 min Scan# 994

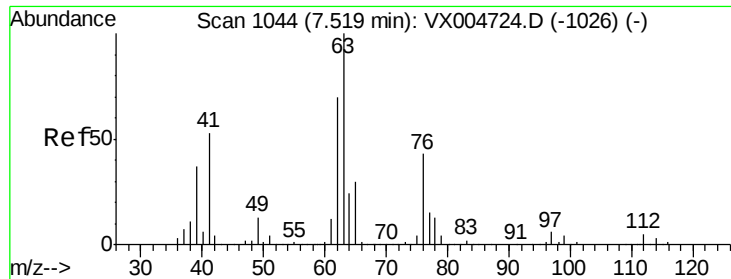
Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	130	Resp:	61068
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	181.6





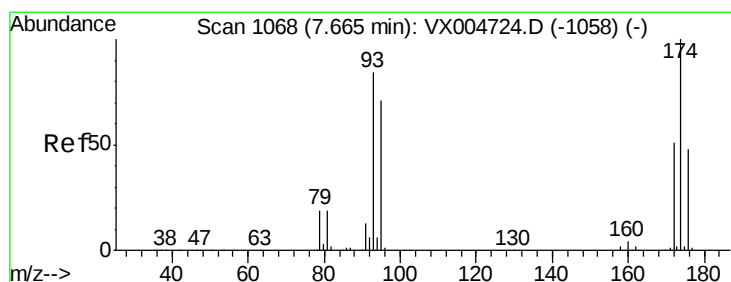
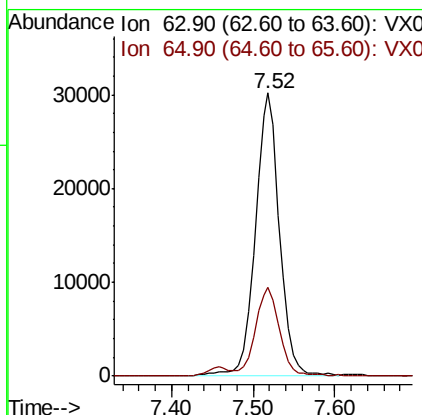
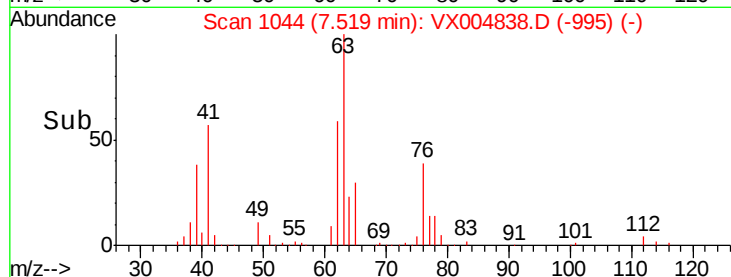
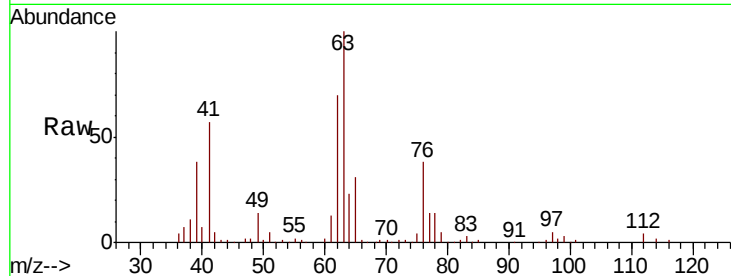
#45
 1,2-Dichloropropane
 Concen: 20.501 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion: 63 Resp: 62682
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5

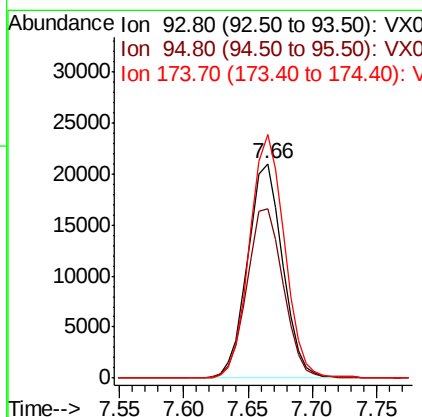
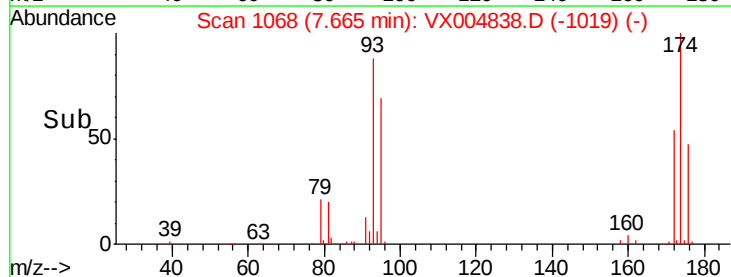
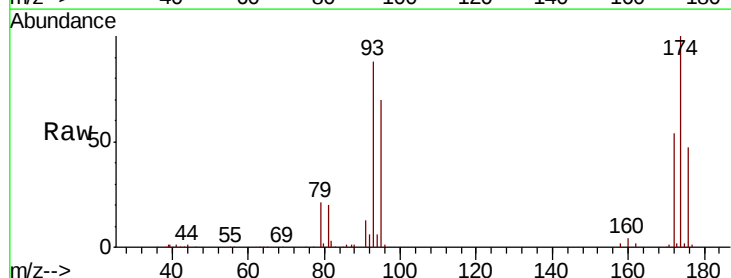
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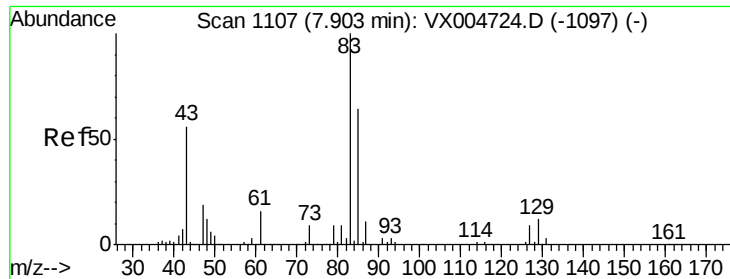
MMDadoda
 10/1/2018 1:31:30 PM



#46
 Dibromomethane
 Concen: 20.555 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion: 93 Resp: 39497
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.5 98.3
 174 113.1 94.2 141.4





#47

Bromodichloromethane

Concen: 20.548 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

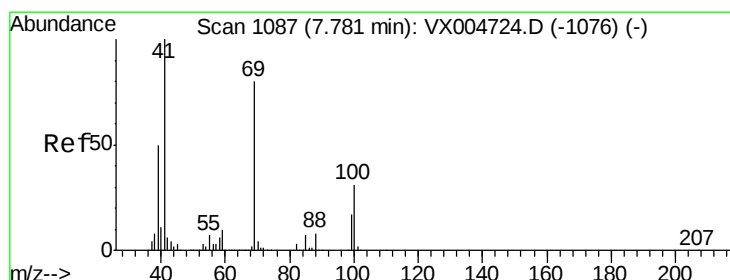
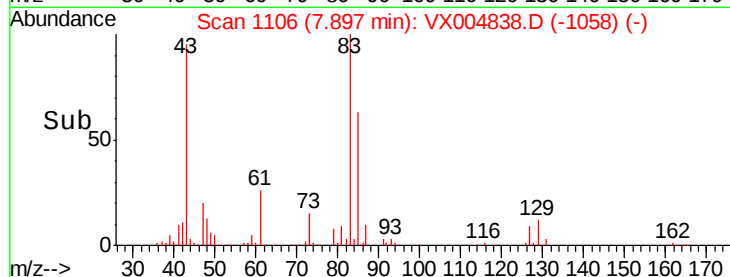
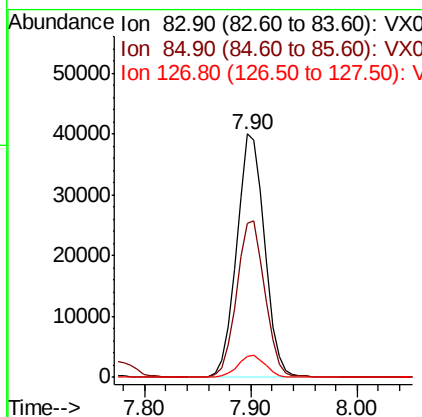
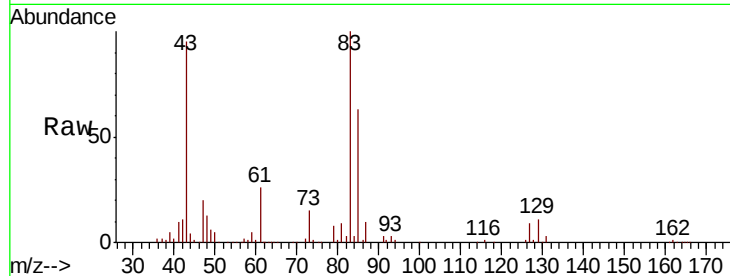
ClientSampleId :

VX0928WBS02

Tot Ion:	83	Resp:	73924
Ion Ratio	Lower	Upper	
83	100		
85	62.9	50.9	76.3
127	8.5	7.3	10.9

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#48

Methyl methacrylate

Concen: 21.655 ug/l

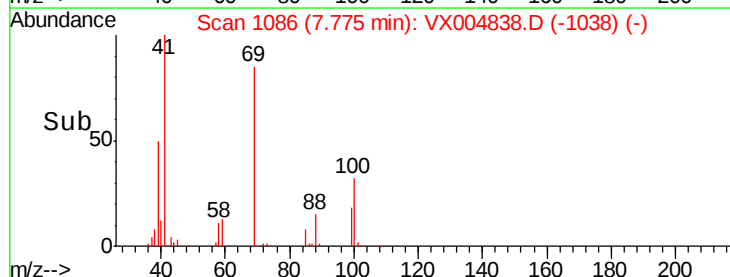
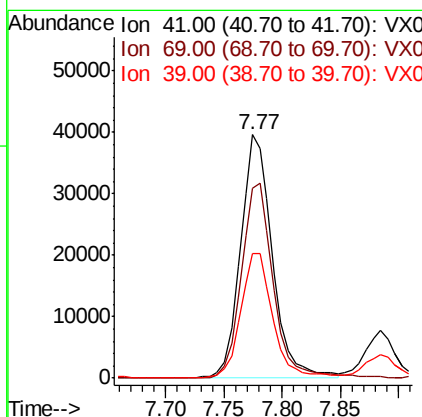
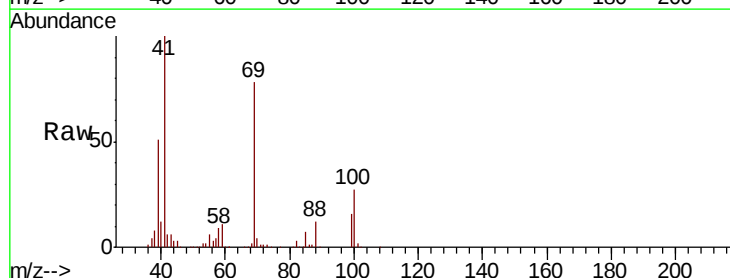
RT: 7.77 min Scan# 1086

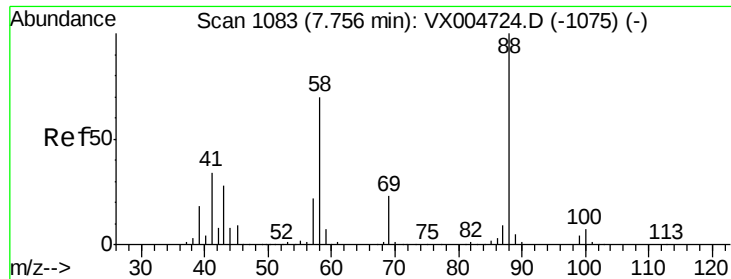
Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	41	Resp:	74995
Ion Ratio	Lower	Upper	
41	100		
69	81.0	70.2	105.4
39	52.5	42.7	64.1





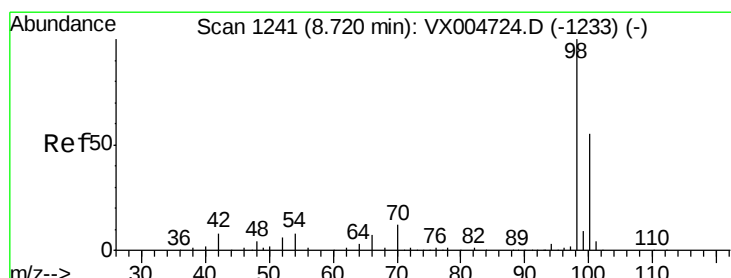
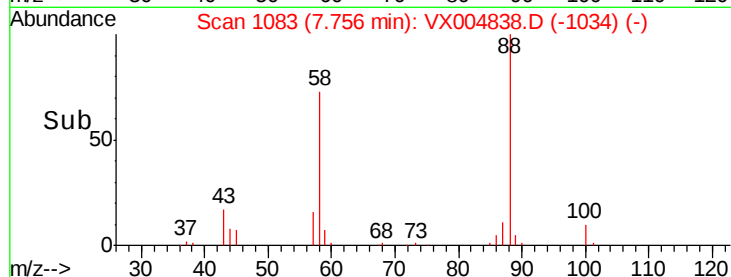
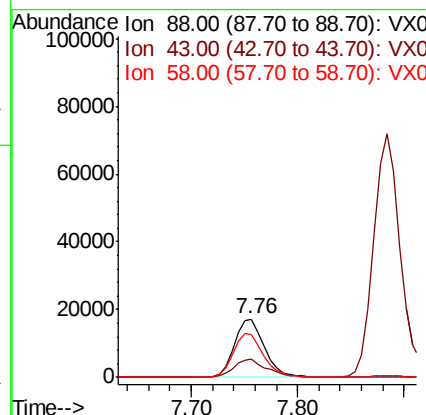
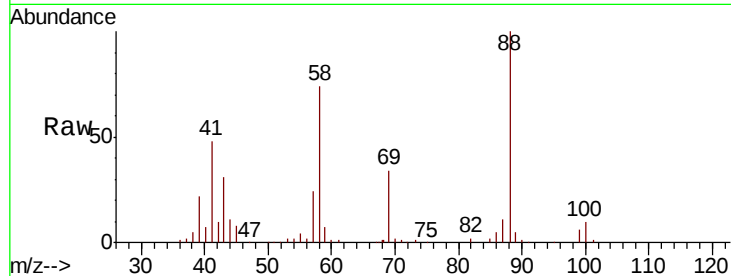
#49
 1,4-Dioxane
 Concen: 396.074 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	24.7	37.1
58	76.5	55.3	82.9

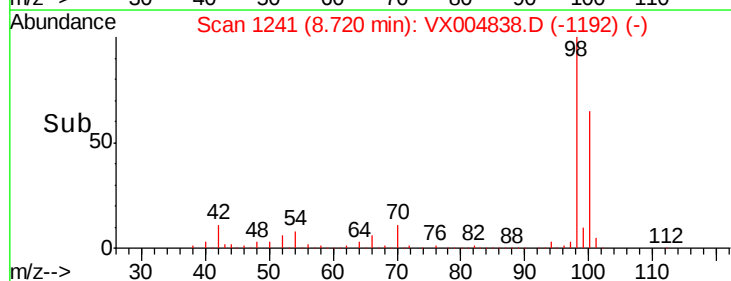
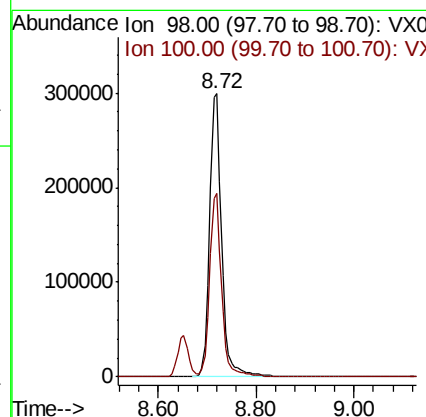
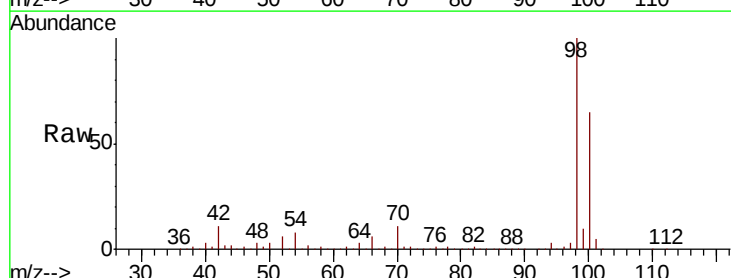
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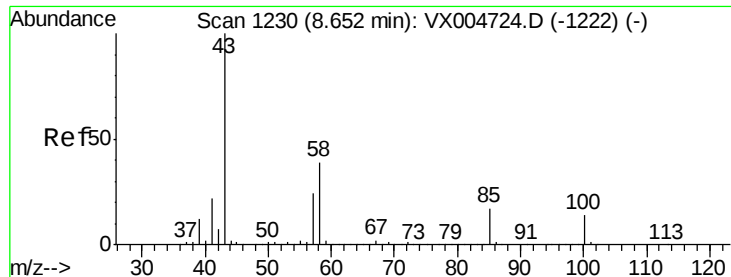
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#50
 Toluene-d8
 Concen: 52.666 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3





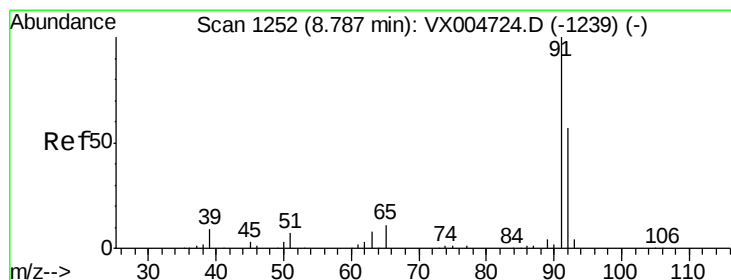
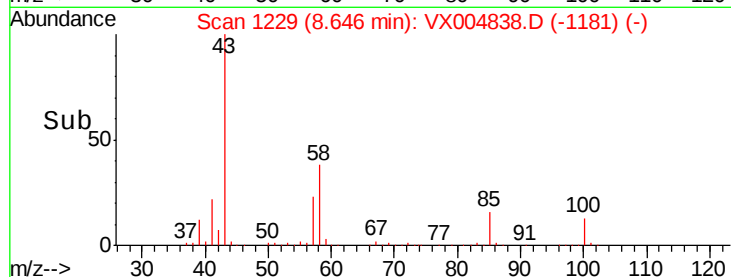
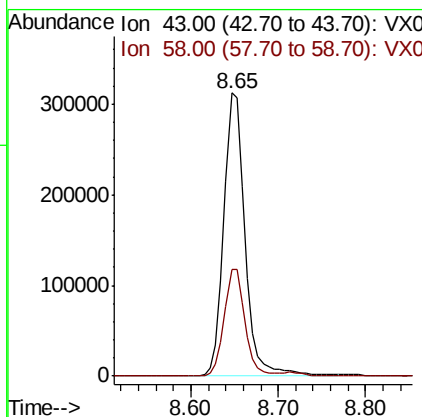
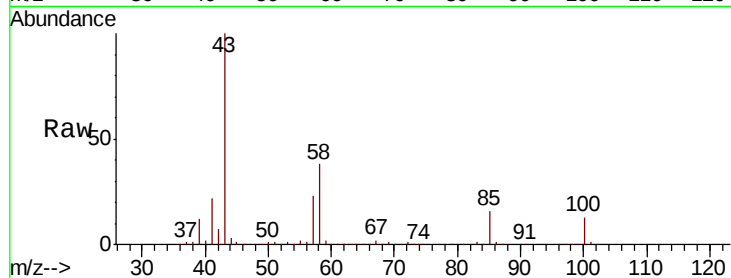
#51
4-Methyl-2-Pentanone
Concen: 109.657 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion: 43 Resp: 526808
Ion Ratio Lower Upper
43 100
58 36.8 33.1 49.7

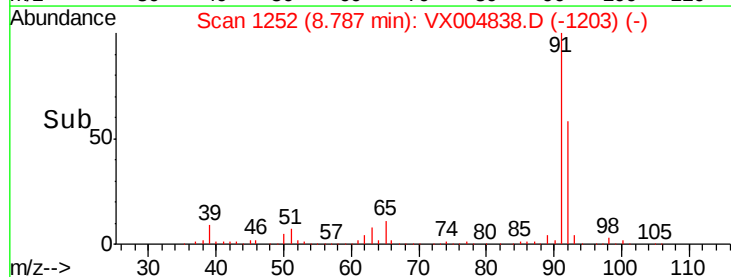
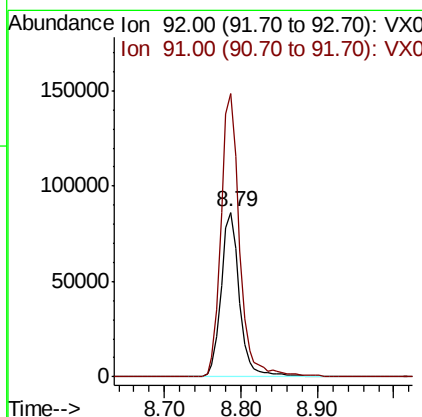
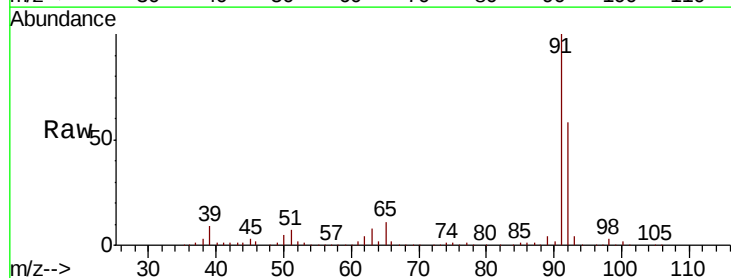
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#52
Toluene
Concen: 20.955 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion: 92 Resp: 143555
Ion Ratio Lower Upper
92 100
91 175.0 136.4 204.6





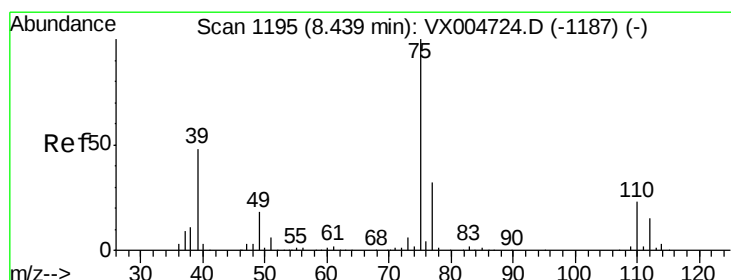
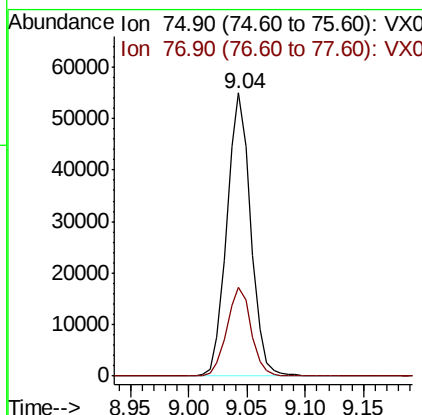
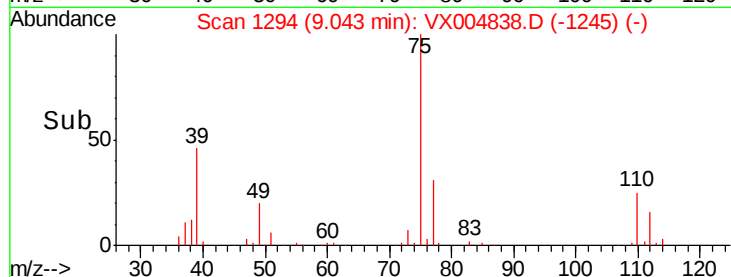
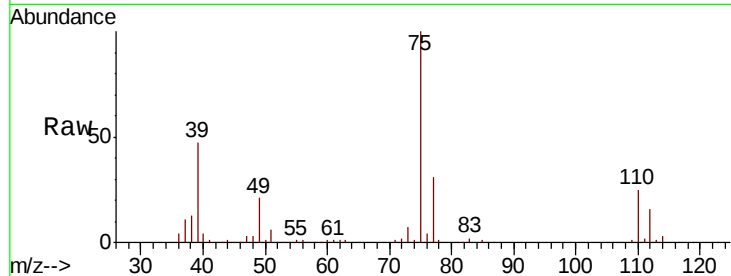
#53
 t-1,3-Dichloropropene
 Concen: 19.221 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion: 75 Resp: 78139
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0

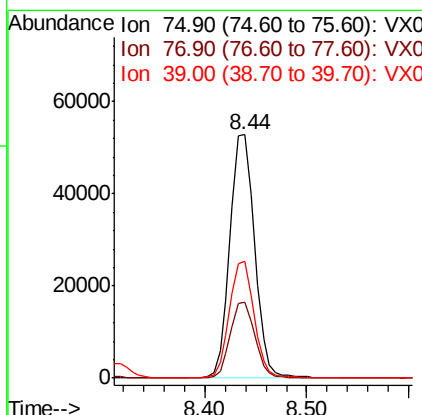
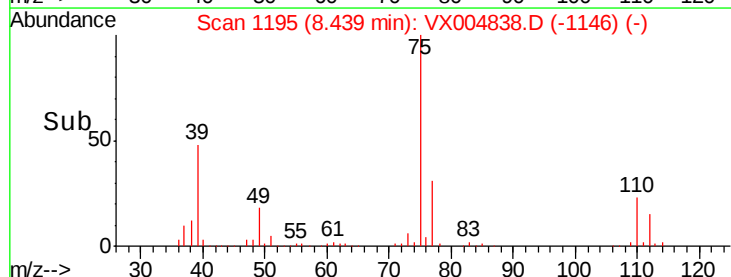
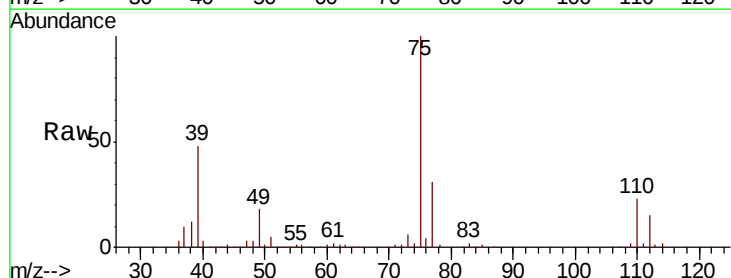
Manual Integrations
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#54
 cis-1,3-Dichloropropene
 Concen: 20.818 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion: 75 Resp: 88646
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 39 47.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 20.084 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

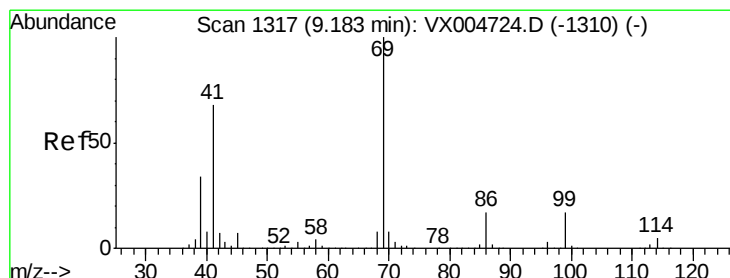
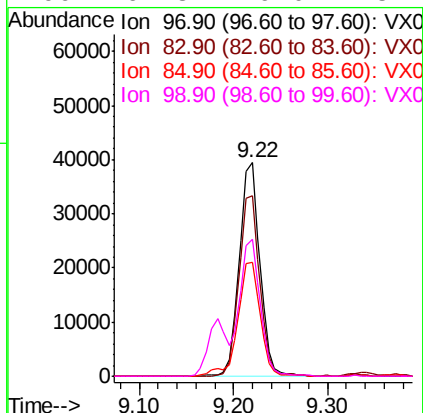
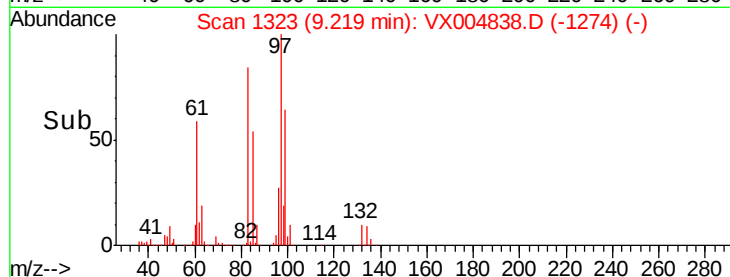
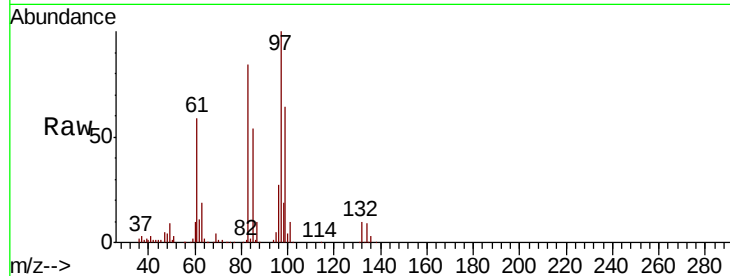
ClientSampleId :

VX0928WBS02

Tot Ion:	97	Resp:	60271
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	53.5	43.3	64.9
99	64.3	49.0	73.4

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#56

Ethyl methacrylate

Concen: 20.103 ug/l

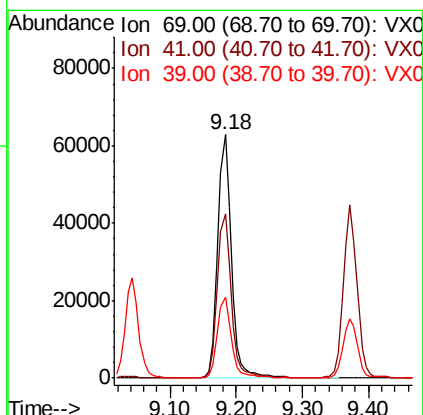
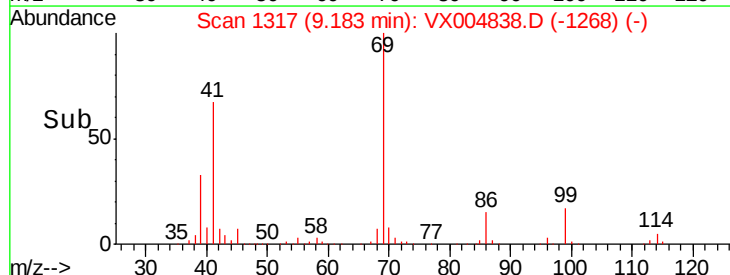
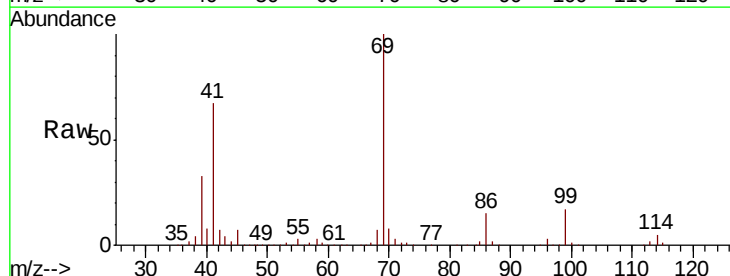
RT: 9.18 min Scan# 1317

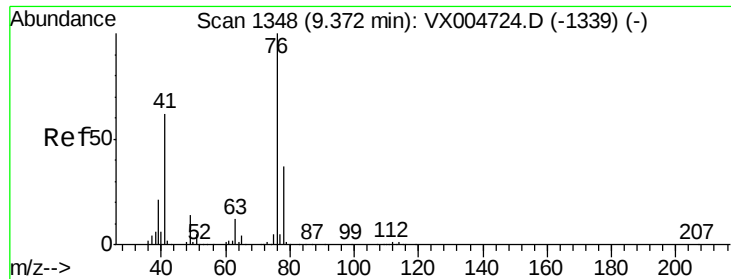
Delta R.T. 0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	69	Resp:	89054
Ion	Ratio	Lower	Upper
69	100		
41	68.2	51.0	76.4
39	34.1	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.151 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 76 Resp: 100644

Ion Ratio Lower Upper

76 100

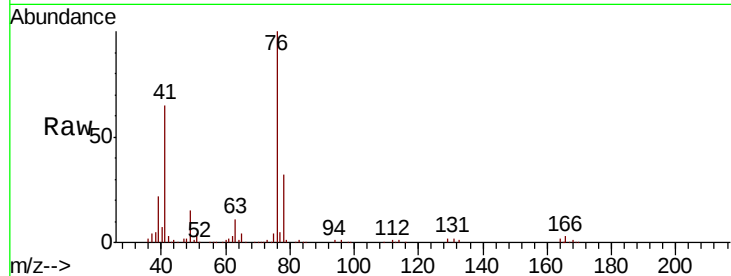
78 32.8 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

80000

60000

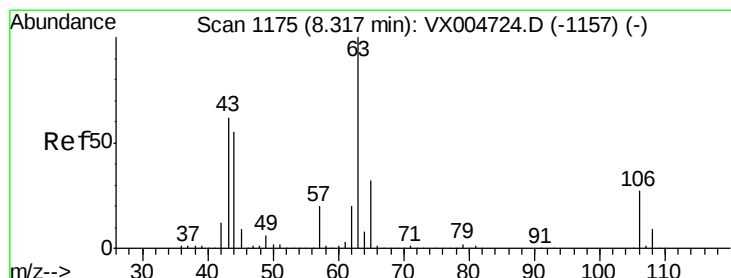
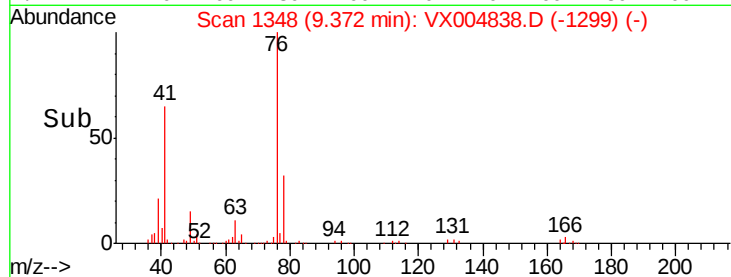
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 106.566 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004838.D

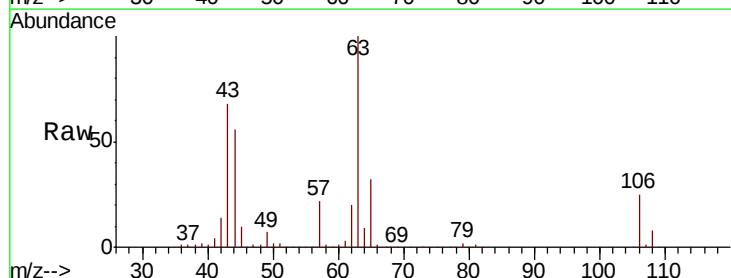
Acq: 28 Sep 2018 23:39

Tgt Ion: 63 Resp: 253141

Ion Ratio Lower Upper

63 100

106 26.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

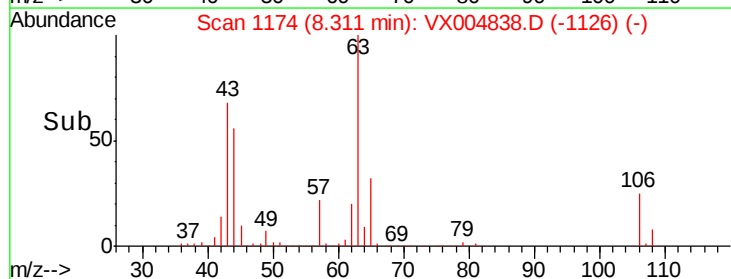
100000

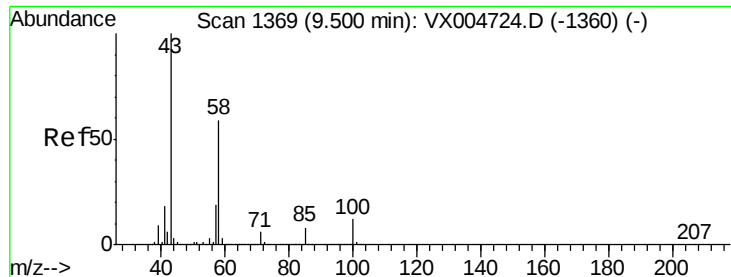
50000

0

8.20 8.30 8.40

Time-->





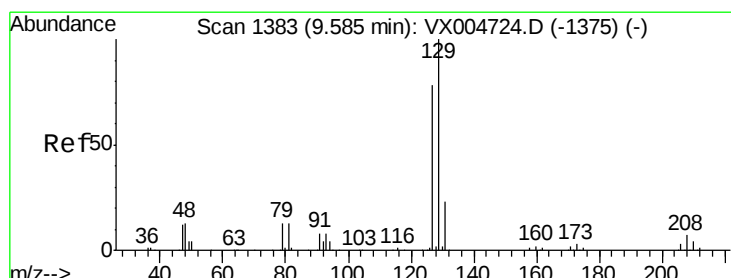
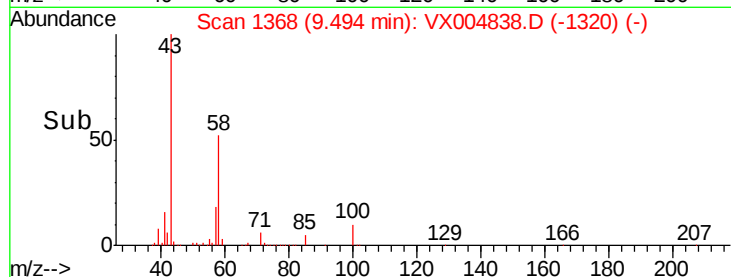
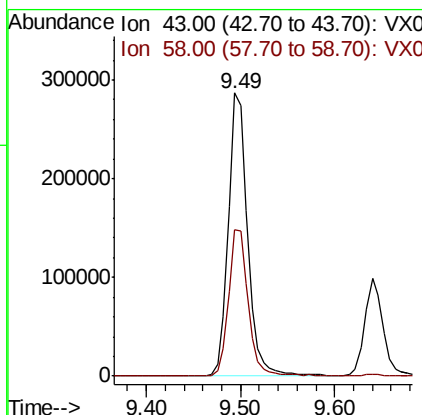
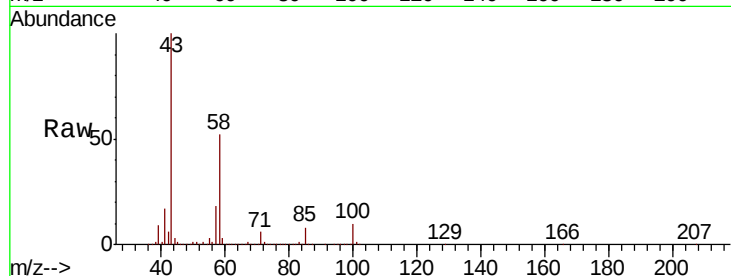
#59
2-Hexanone
Concen: 102.108 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion: 43 Resp: 408778
Ion Ratio Lower Upper
43 100
58 52.7 29.0 87.0

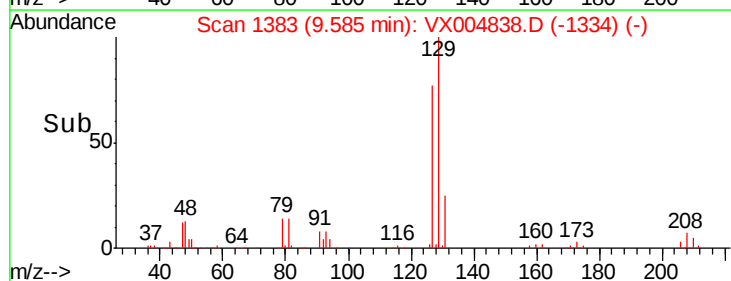
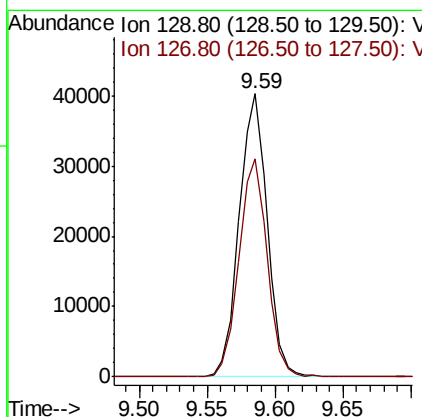
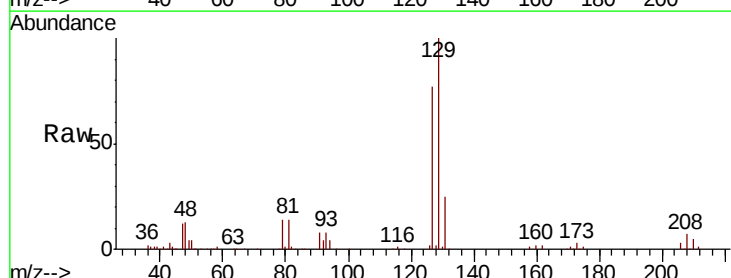
Manual Integrations
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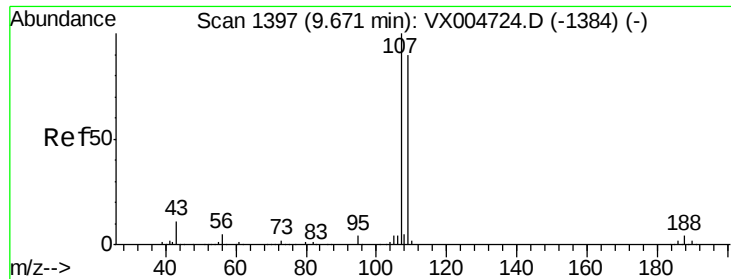
MMDadoda
10/1/2018 1:31:30 PM



#60
Dibromochloromethane
Concen: 19.245 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion: 129 Resp: 57755
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.059 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion:107 Resp: 61252

Ion Ratio Lower Upper

107 100

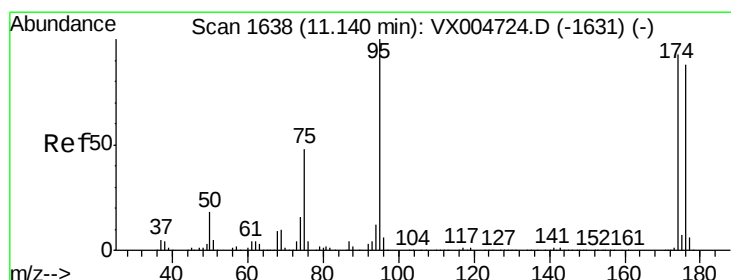
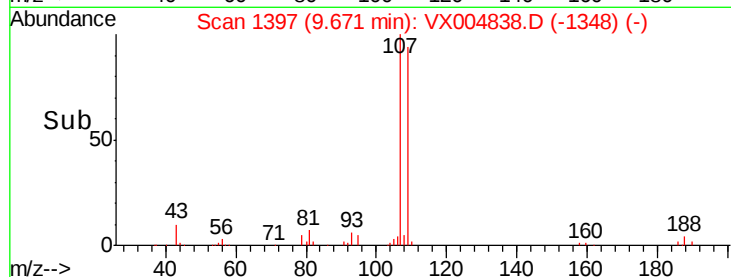
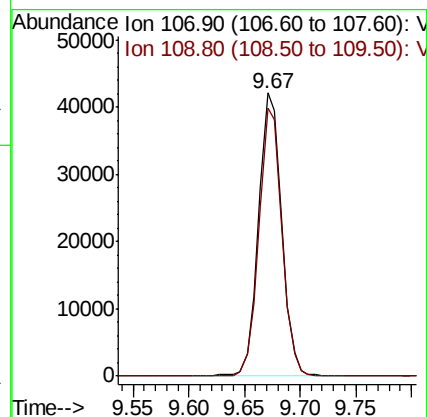
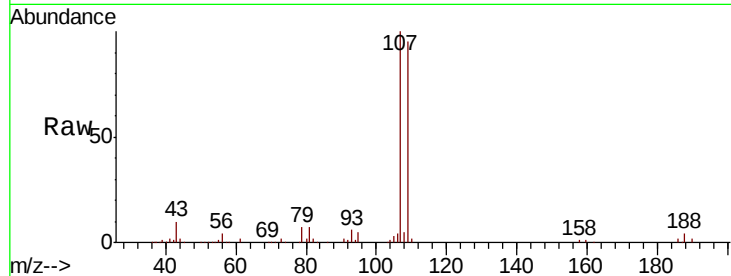
109 94.2 76.0 114.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.502 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

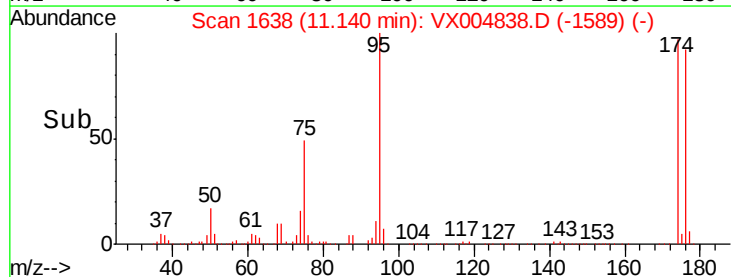
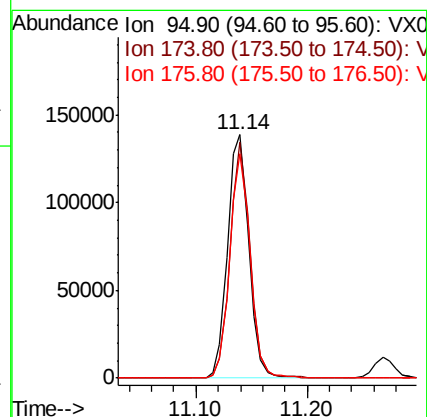
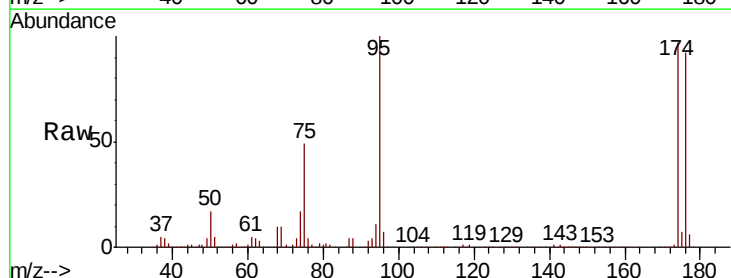
Tgt Ion: 95 Resp: 183539

Ion Ratio Lower Upper

95 100

174 90.7 0.0 185.2

176 88.6 0.0 178.6





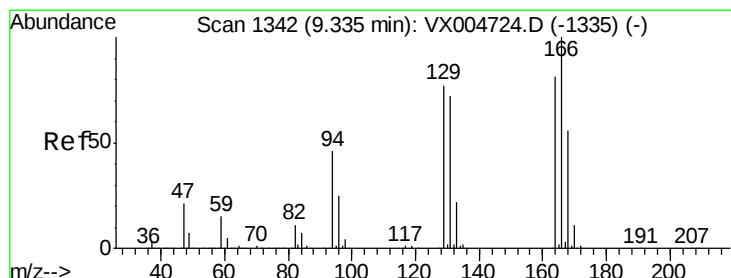
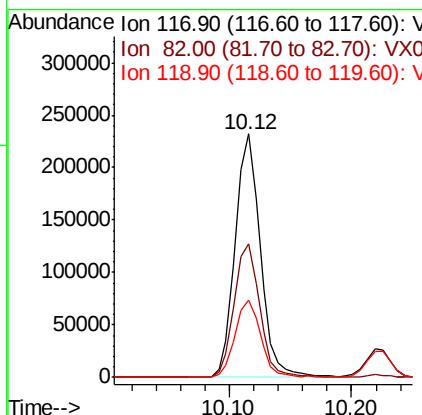
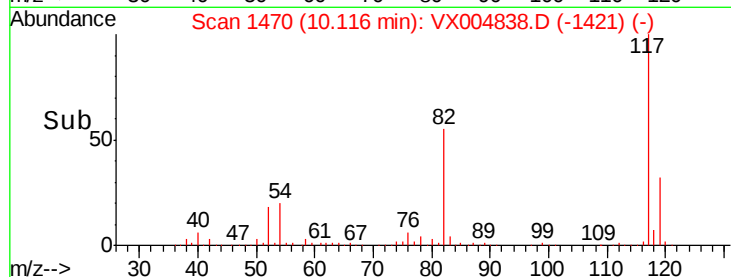
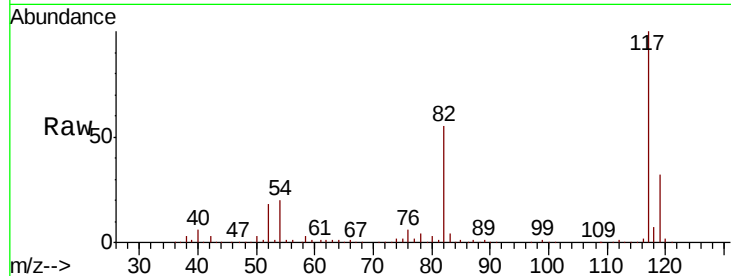
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	31.7	29.3	43.9

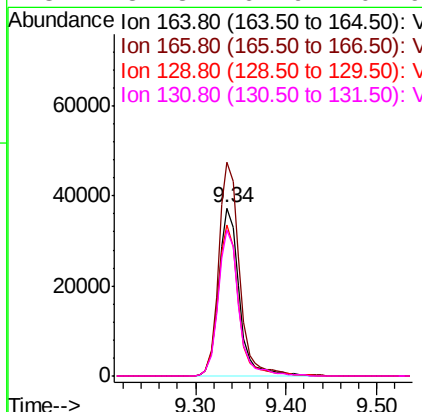
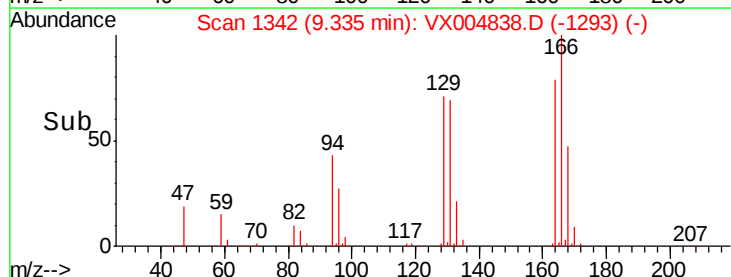
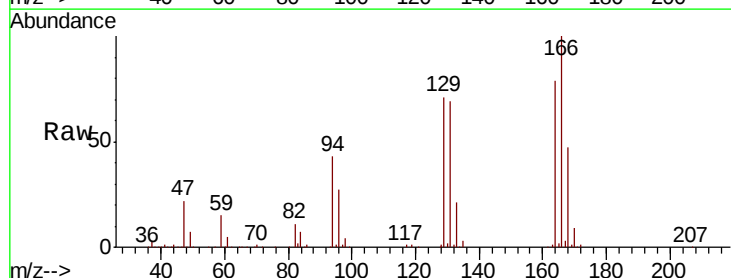
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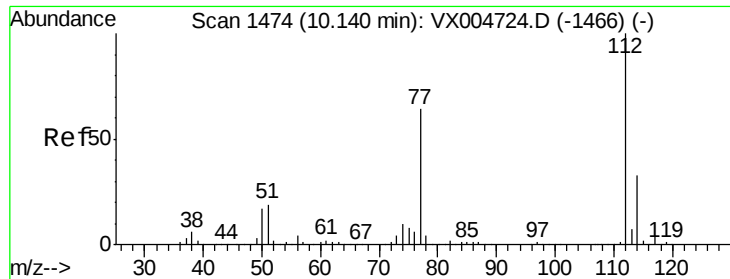
MMDadoda
10/1/2018 1:31:30 PM



#64
Tetrachloroethene
Concen: 18.233 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.8	154.2
129	89.8	69.4	104.0
131	87.3	67.9	101.9





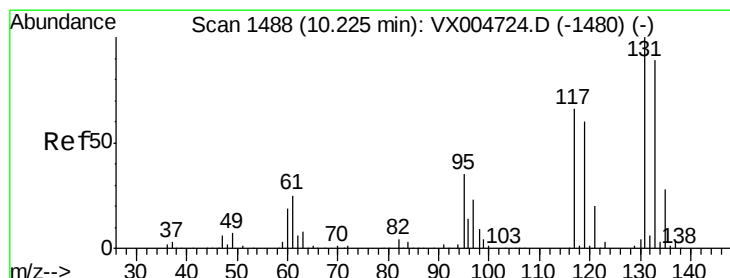
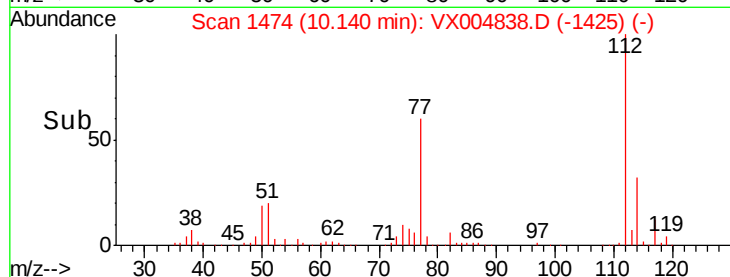
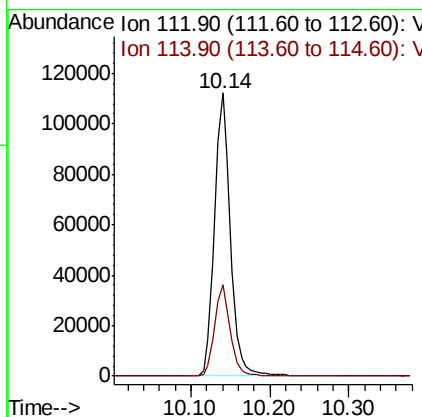
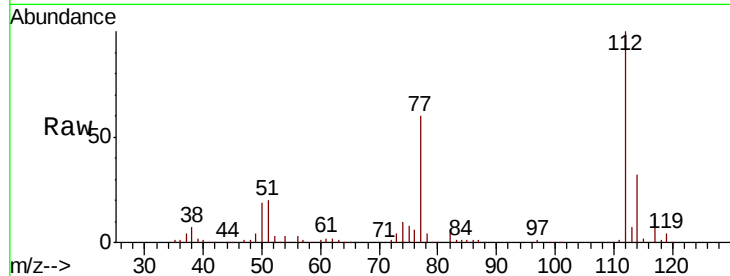
#65
Chlorobenzene
Concen: 18.755 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion:112 Resp: 158743
Ion Ratio Lower Upper
112 100
114 32.3 27.8 41.8

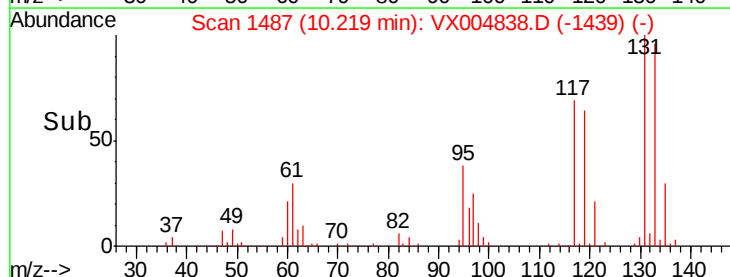
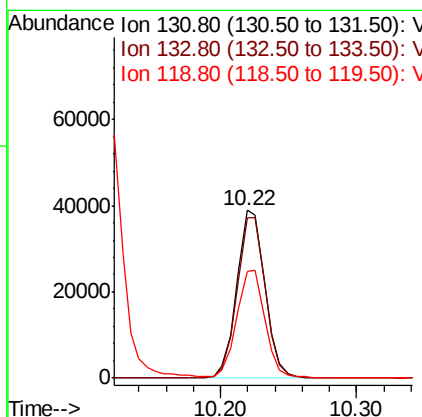
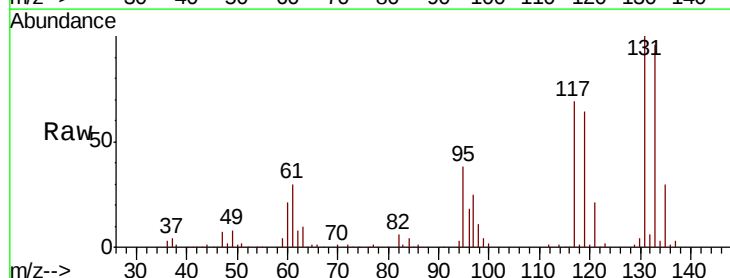
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10/1/2018 1:31:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.785 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion:131 Resp: 55897
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 65.2 32.9 98.6





#67

Ethyl Benzene

Concen: 19.702 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

VX0928WBS02

Tot Ion: 91 Resp: 264755

Ion Ratio Lower Upper

91 100

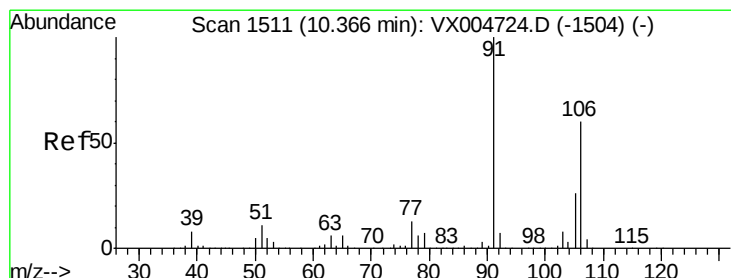
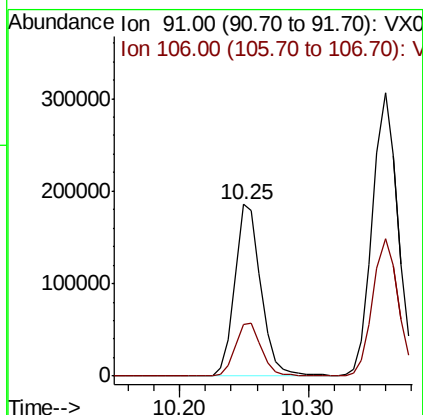
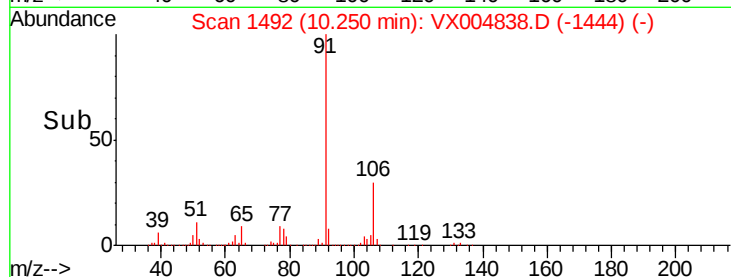
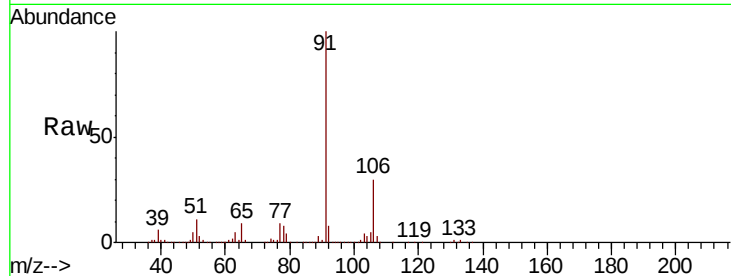
106 30.0 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.214 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004838.D

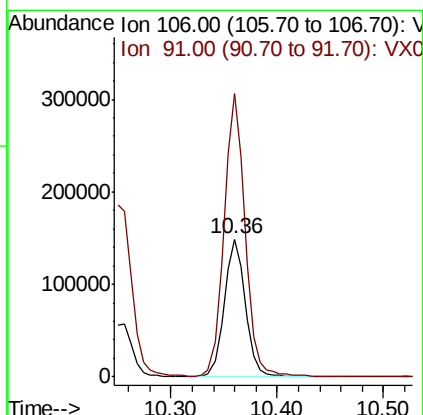
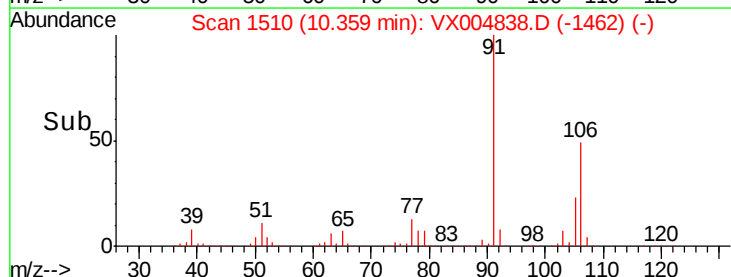
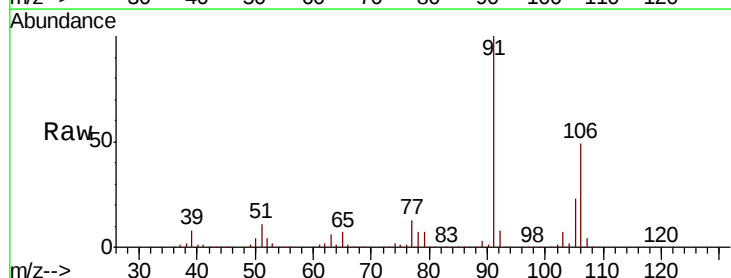
Acq: 28 Sep 2018 23:39

Tgt Ion: 106 Resp: 205915

Ion Ratio Lower Upper

106 100

91 206.4 157.1 235.7





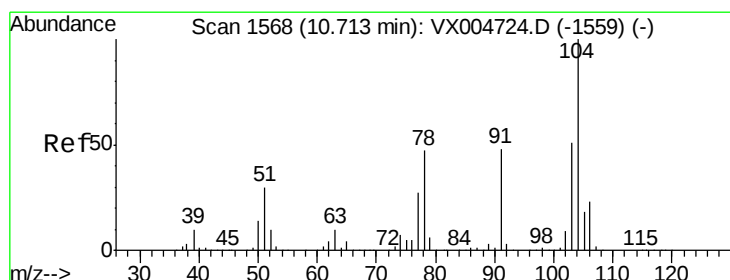
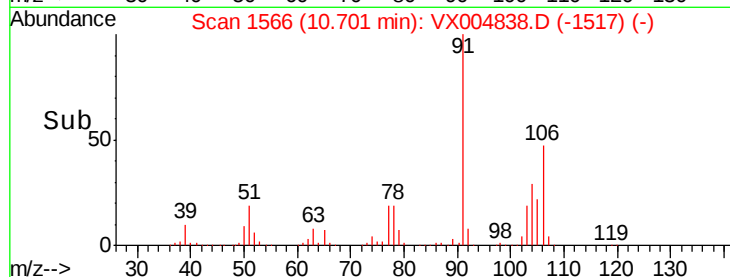
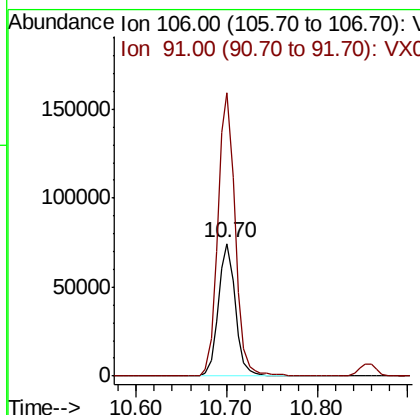
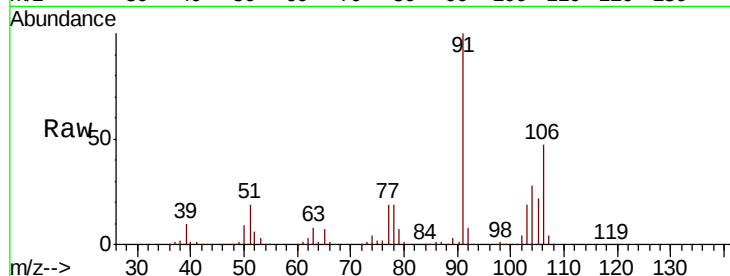
#69
o-Xylene
Concen: 20.446 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion:106 Resp: 98614
Ion Ratio Lower Upper
106 100
91 216.7 105.1 315.1

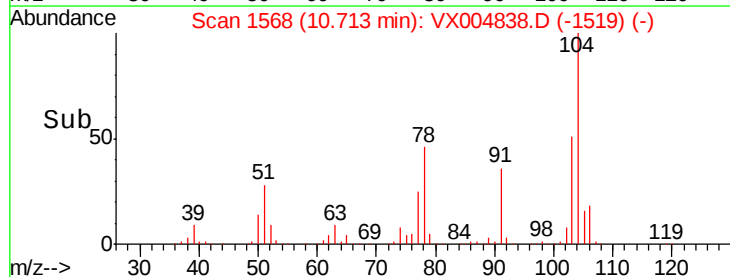
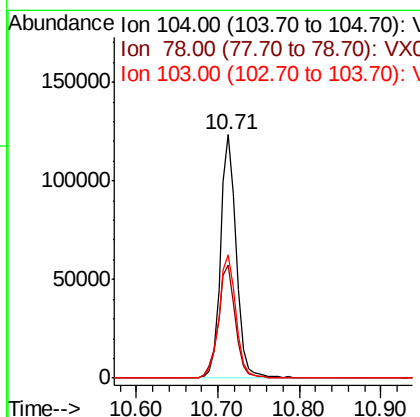
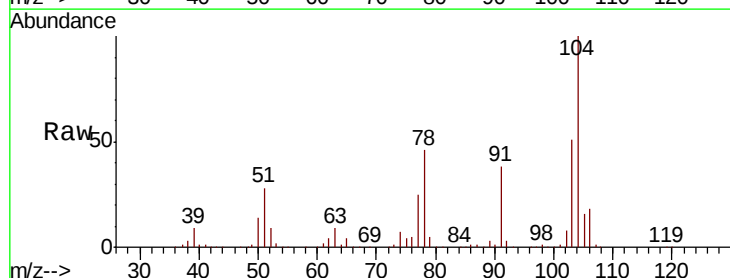
Manual Integrations
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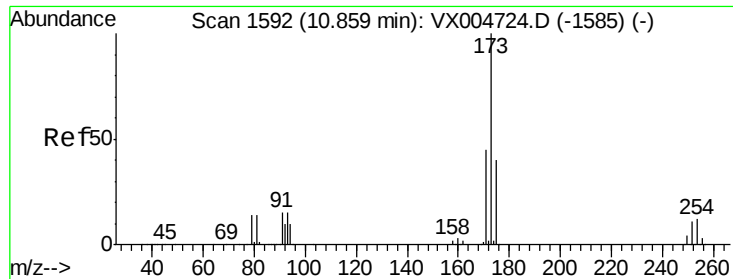
MMDadoda
10/1/2018 1:31:30 PM



#70
Styrene
Concen: 19.807 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion:104 Resp: 166494
Ion Ratio Lower Upper
104 100
78 51.1 37.4 56.0
103 55.6 43.8 65.6





#71

Bromoform

Concen: 18.172 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

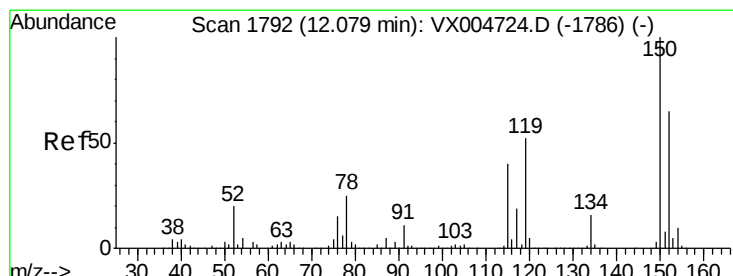
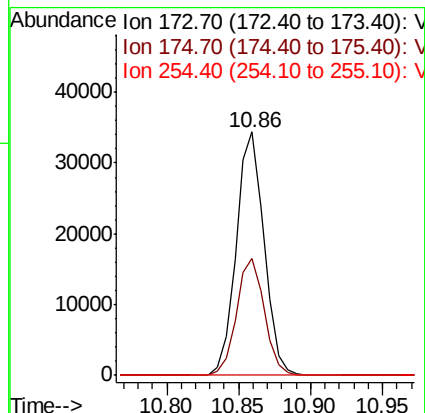
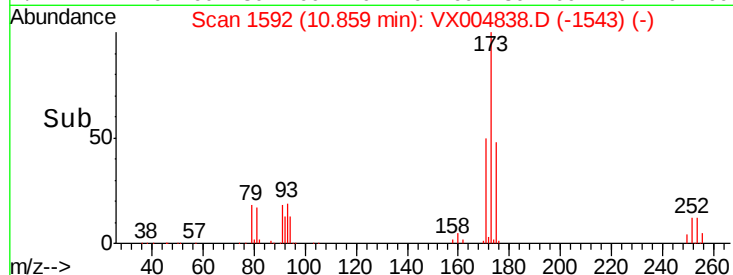
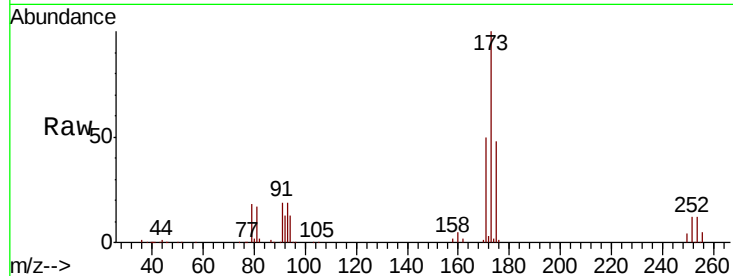
ClientSampleId :

VX0928WBS02

Tot Ion:	173	Resp:	46293
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.1	72.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

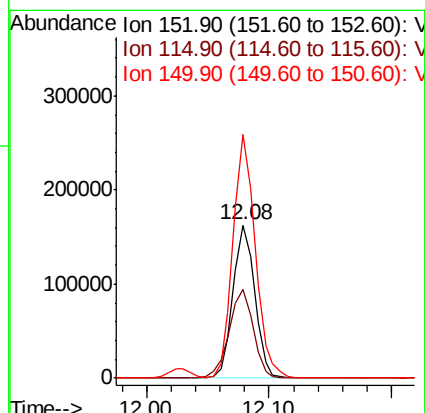
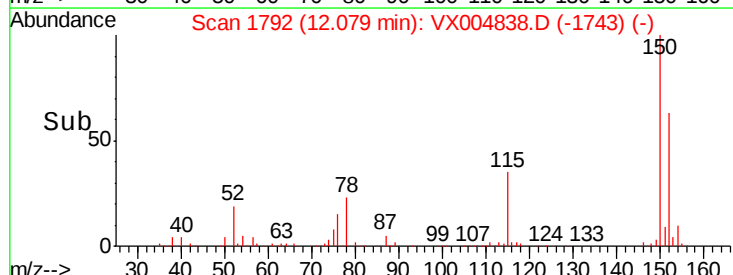
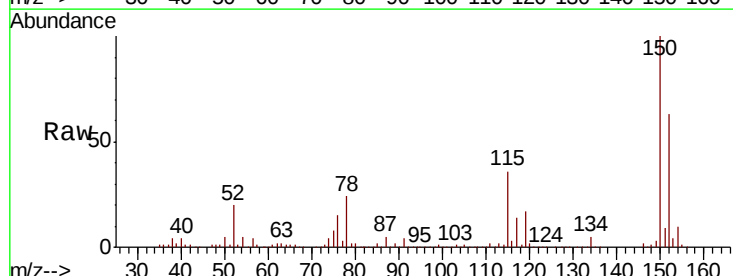
RT: 12.08 min Scan# 1792

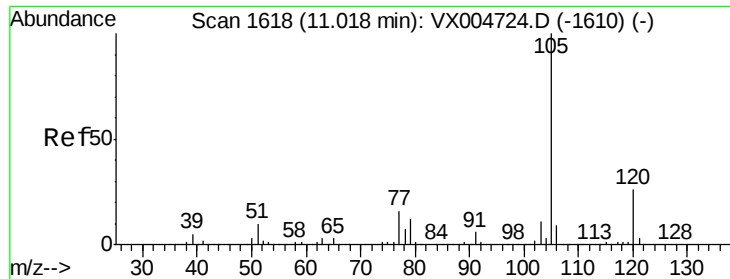
Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion:	152	Resp:	198513
Ion Ratio	Lower	Upper	
152	100		
115	64.9	39.0	117.0
150	163.6	0.0	351.0





#73

Isopropylbenzene

Concen: 21.543 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 105 Resp: 269552

Ion Ratio Lower Upper

105 100

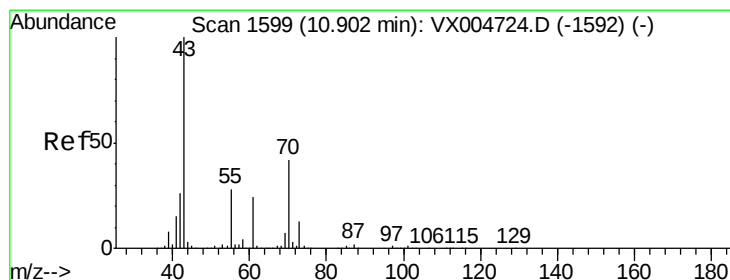
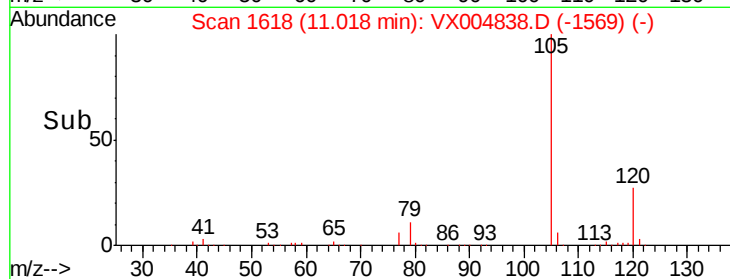
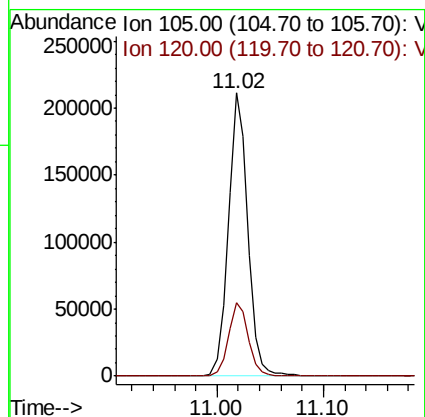
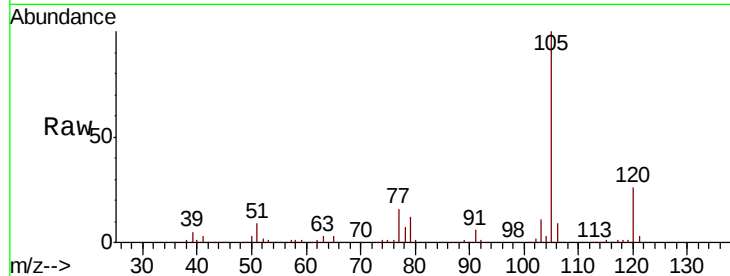
120 26.5 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.507 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Tgt Ion: 43 Resp: 126559

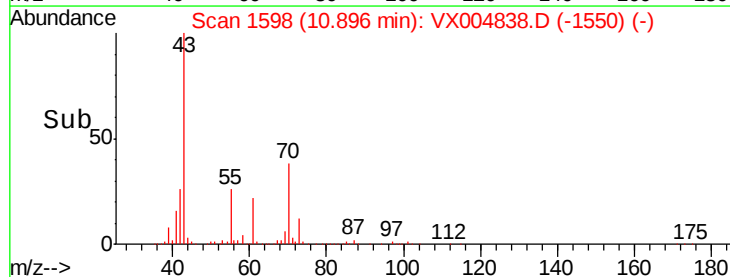
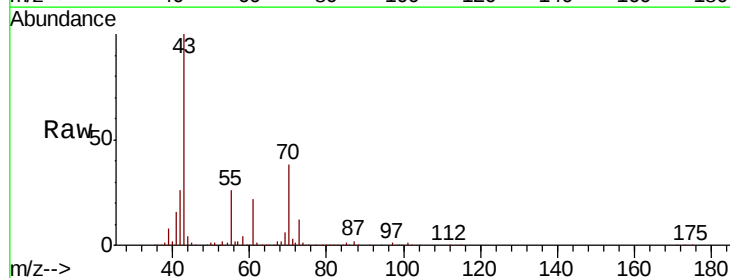
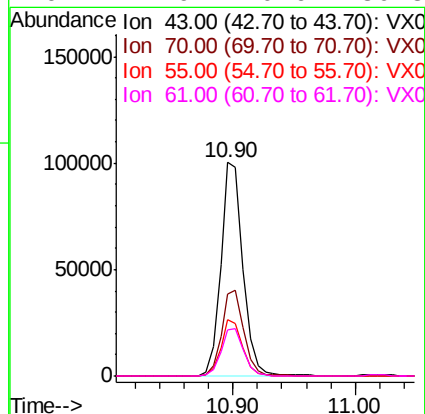
Ion Ratio Lower Upper

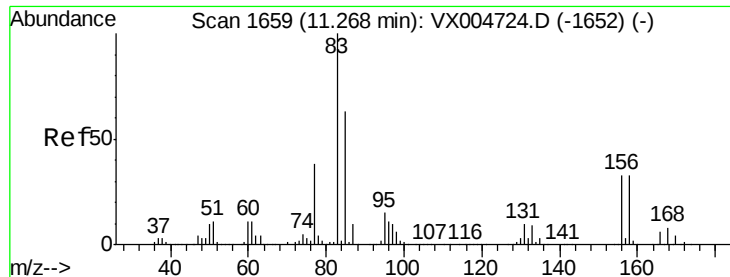
43 100

70 40.2 37.4 56.0

55 25.8 21.8 32.8

61 22.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.103 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

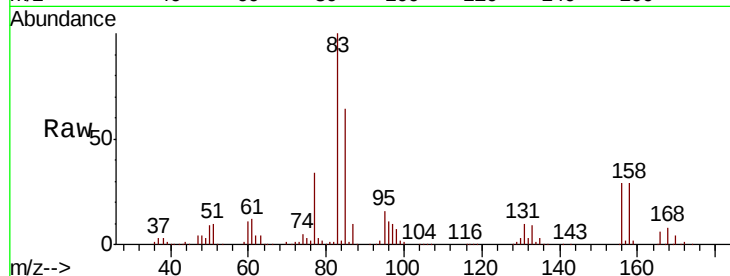
ClientSampled :

VX0928WBS02

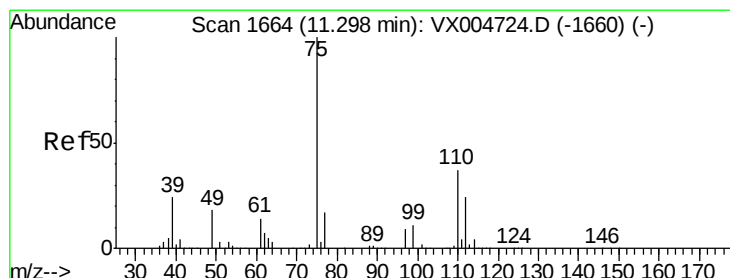
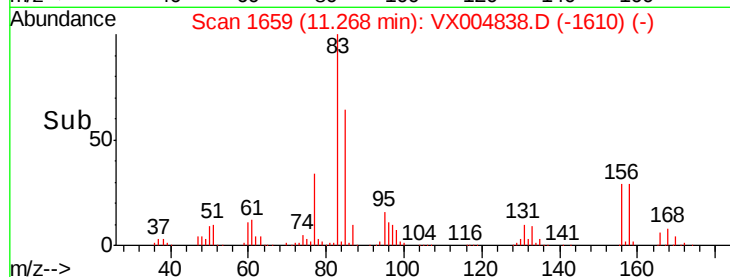
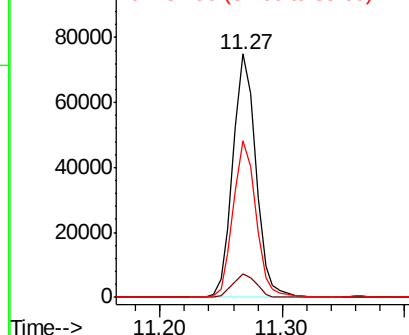
Tot Ion:	83	Resp:	97301
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	63.9	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.755 ug/l m

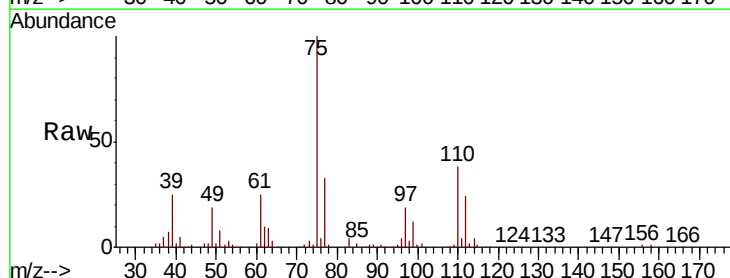
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

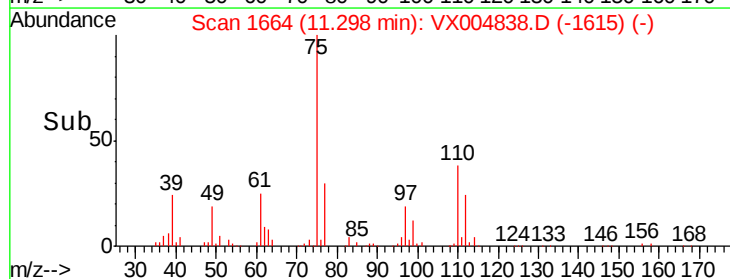
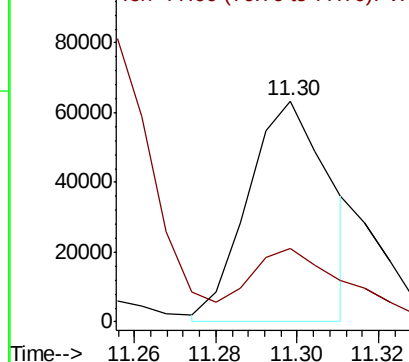
Lab File: VX004838.D

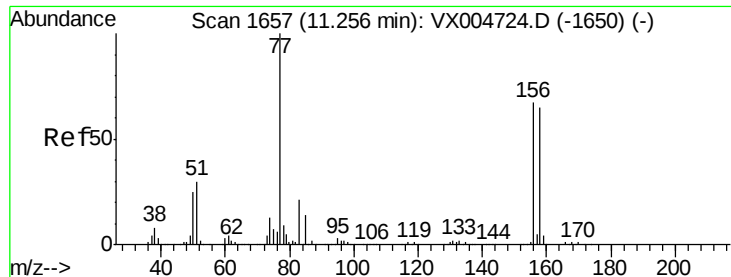
Acq: 28 Sep 2018 23:39

Tgt Ion:	75	Resp:	87899
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.944 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

VX0928WBS02

Tot Ion:156 Resp: 72485

Ion Ratio Lower Upper

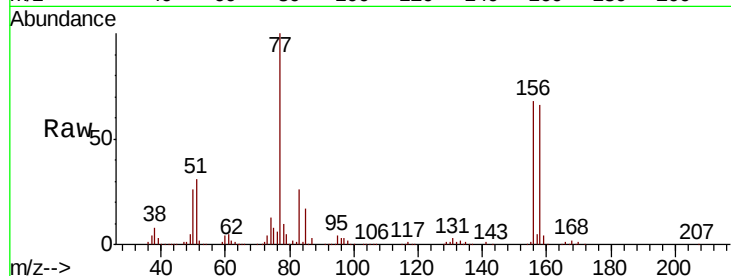
156 100

77 149.1 71.5 214.3

158 96.8 48.9 146.8

Manual Integrations
APPROVED

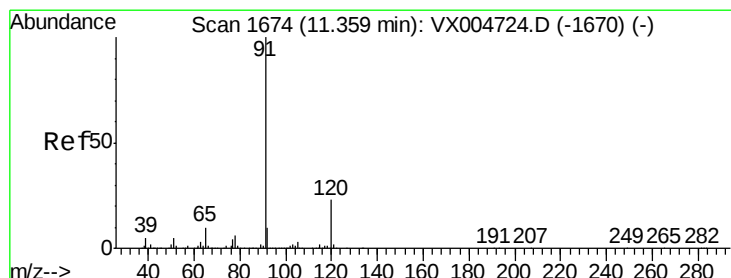
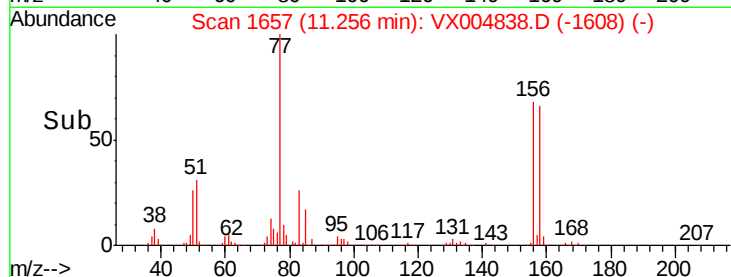
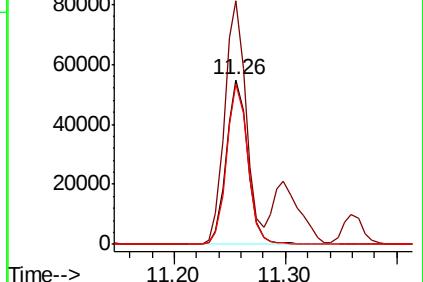
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.740 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004838.D

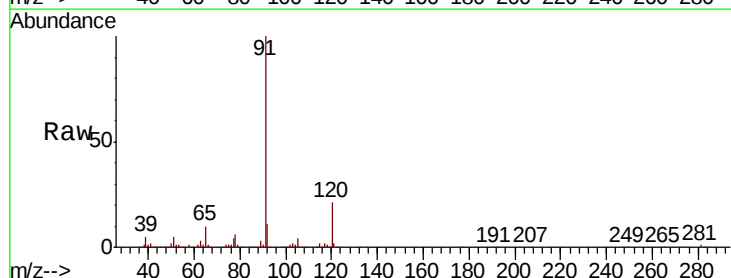
Acq: 28 Sep 2018 23:39

Tgt Ion: 91 Resp: 312111

Ion Ratio Lower Upper

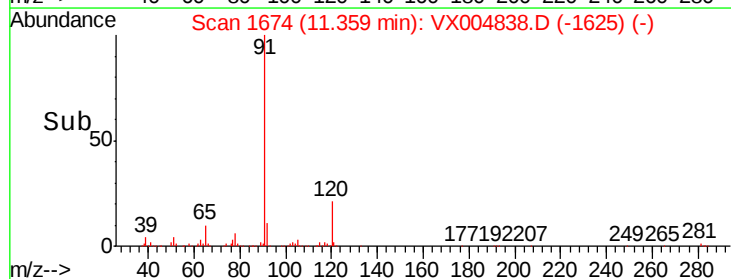
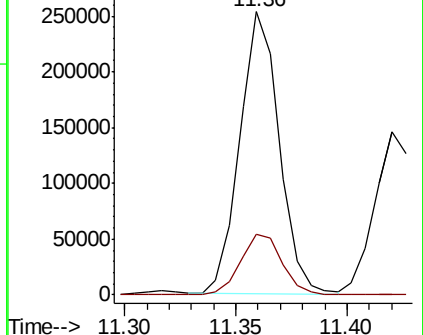
91 100

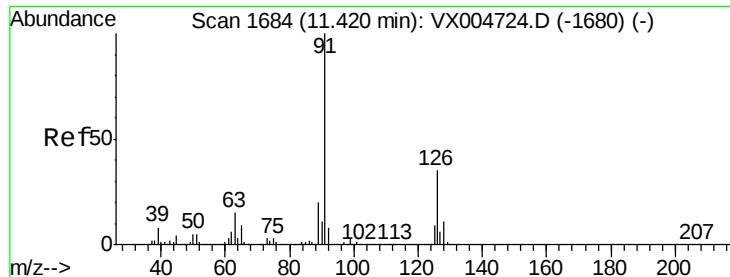
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.819 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 91 Resp: 186304

Ion Ratio Lower Upper

91 100

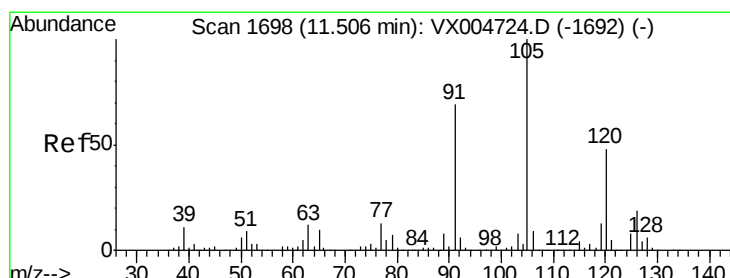
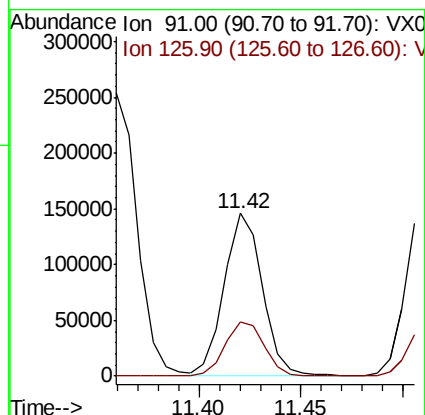
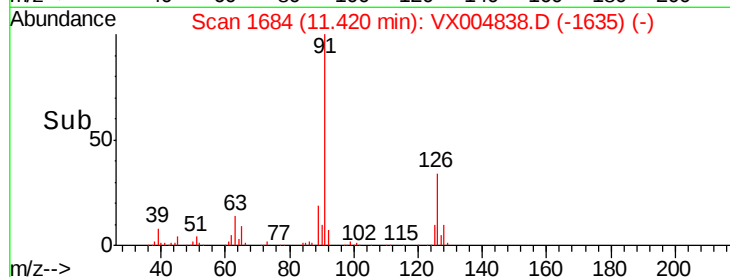
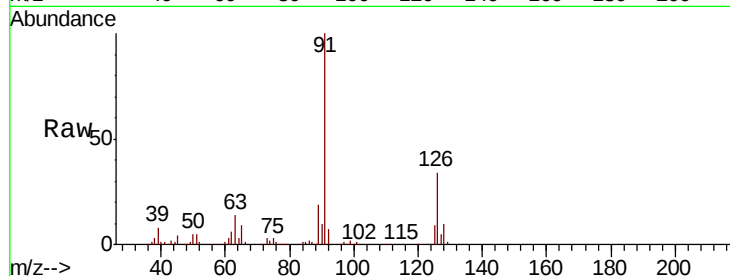
126 35.1 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.763 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004838.D

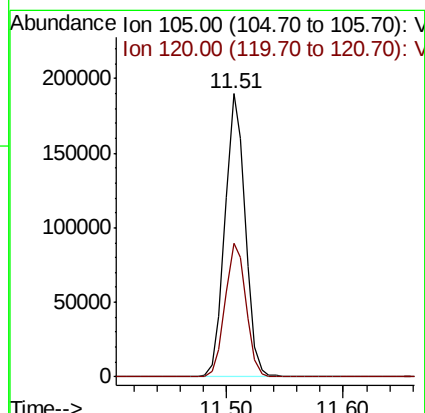
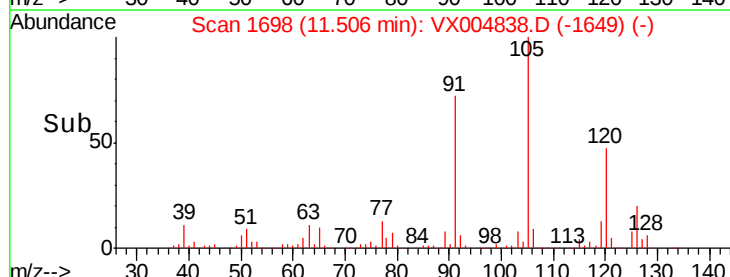
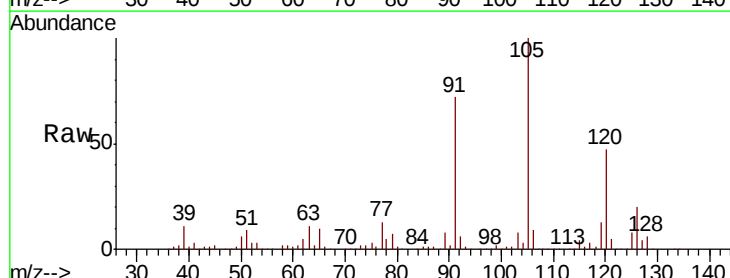
Acq: 28 Sep 2018 23:39

Tgt Ion:105 Resp: 228015

Ion Ratio Lower Upper

105 100

120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.097 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion: 75 Resp: 23970

Ion Ratio Lower Upper

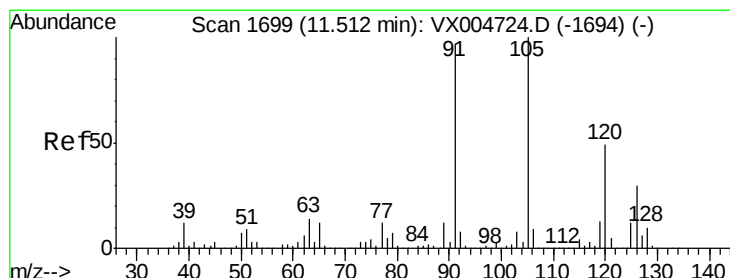
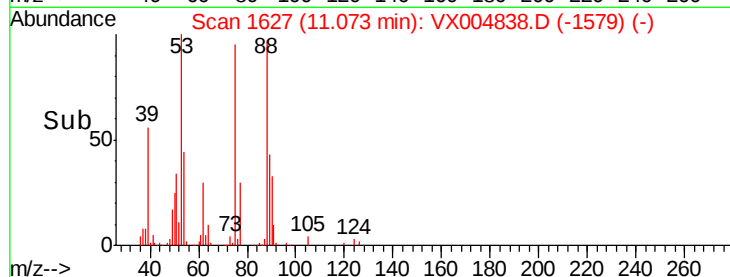
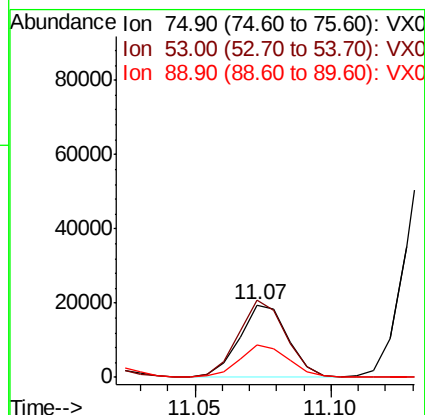
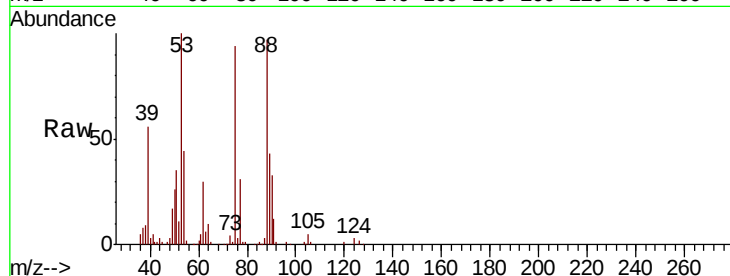
75 100

53 105.1 80.1 120.1

89 45.7 37.2 55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.778 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004838.D

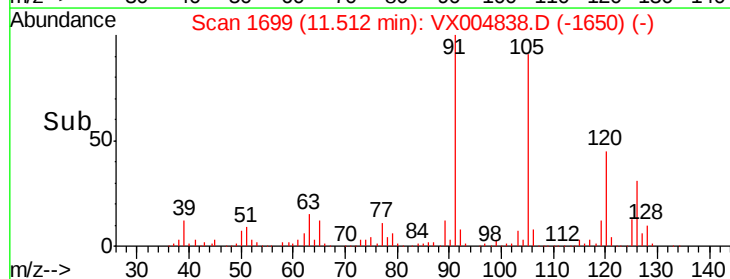
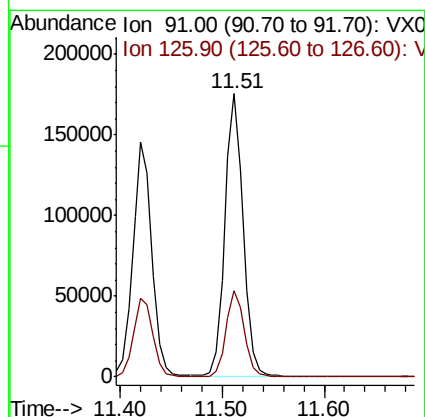
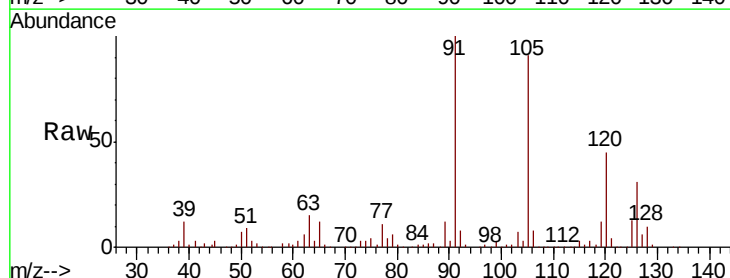
Acq: 28 Sep 2018 23:39

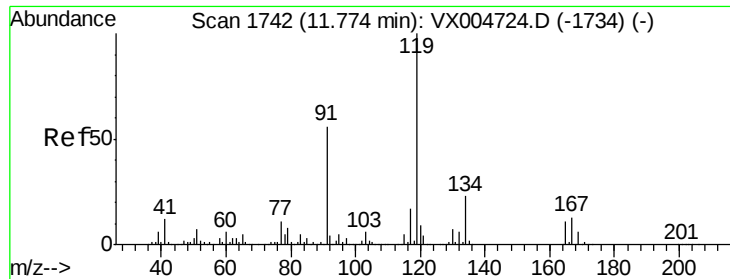
Tgt Ion: 91 Resp: 218861

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5





#83

tert-Butylbenzene

Concen: 21.429 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

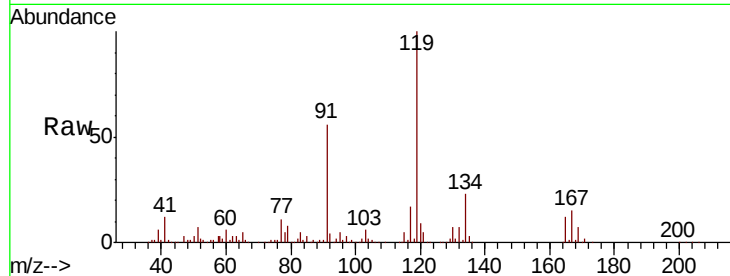
ClientSampled :

VX0928WBS02

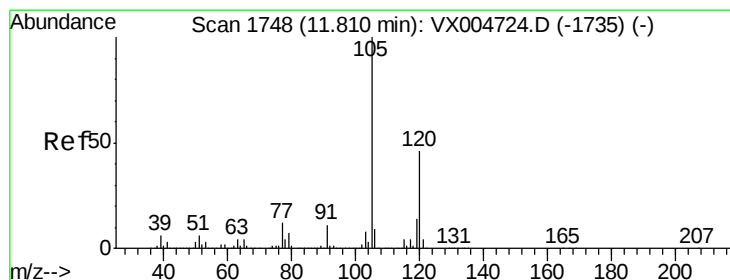
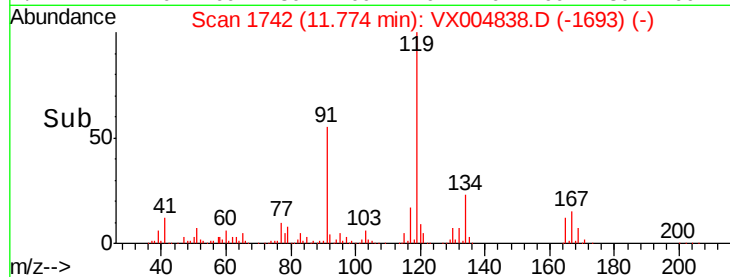
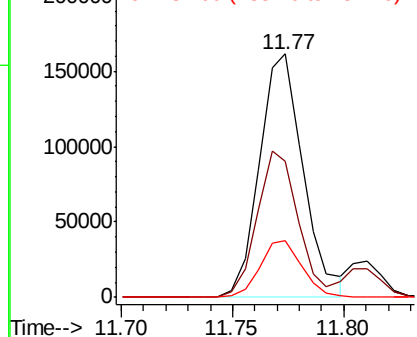
Tot Ion:	119	Resp:	220760
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.0	81.0
134	22.6	11.7	35.1

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.659 ug/l

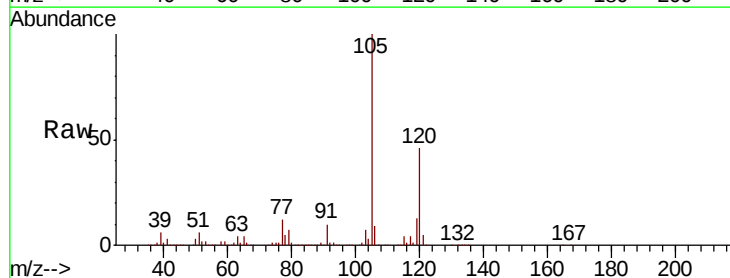
RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

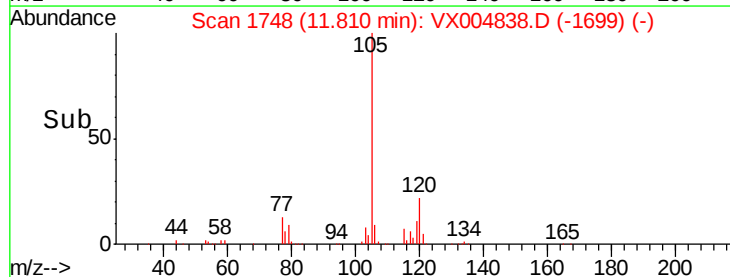
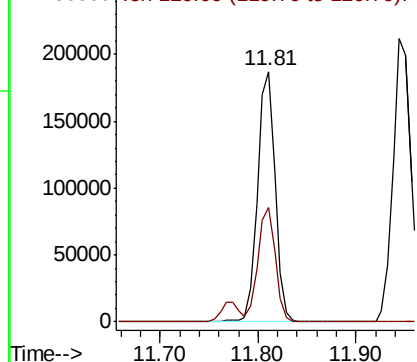
Lab File: VX004838.D

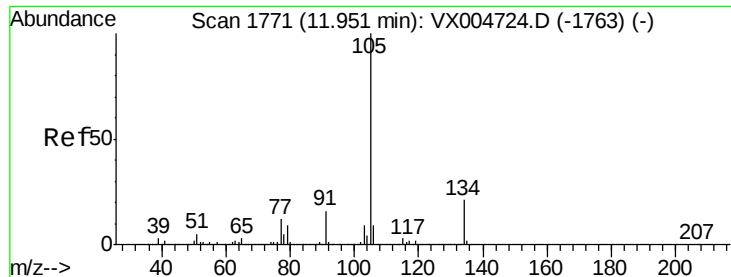
Acq: 28 Sep 2018 23:39

Tgt Ion:	105	Resp:	233929
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.491 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBS02

Tot Ion:105 Resp: 269669

Ion Ratio Lower Upper

105 100

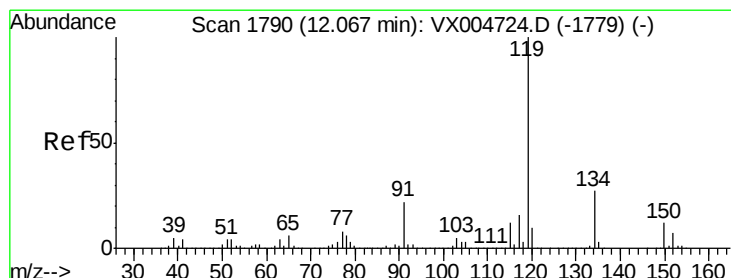
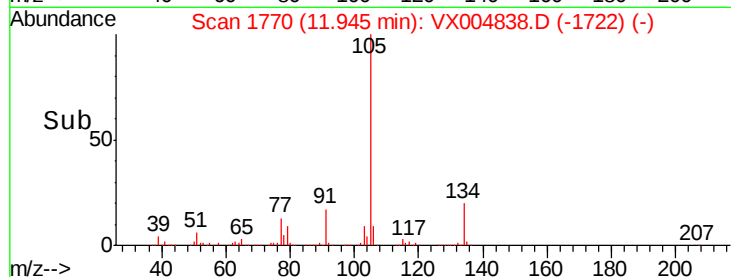
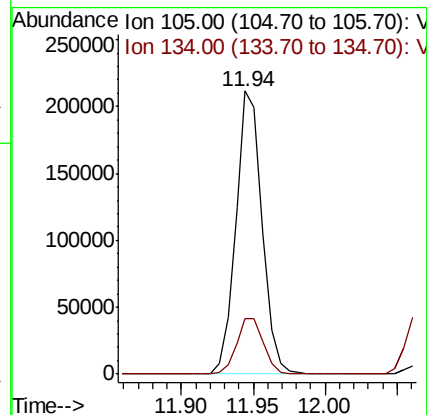
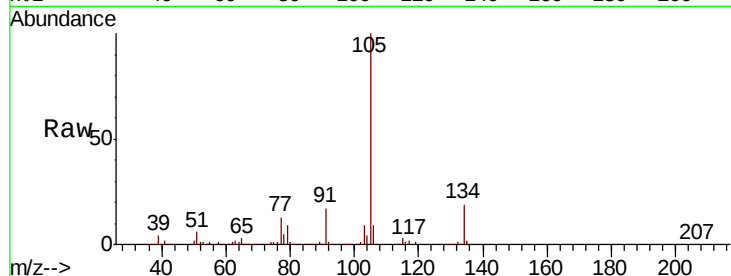
134 20.3 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.913 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004838.D

Acq: 28 Sep 2018 23:39

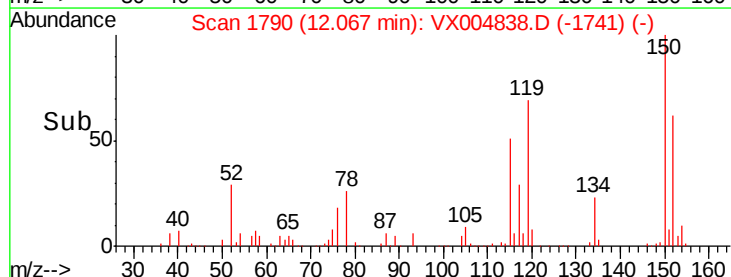
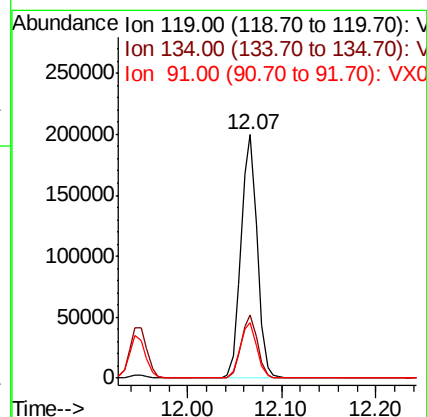
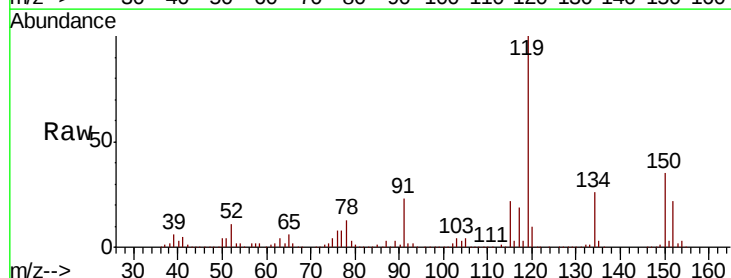
Tgt Ion:119 Resp: 237759

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.5 10.9 32.7





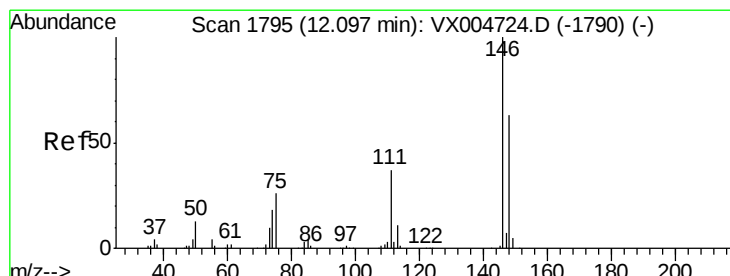
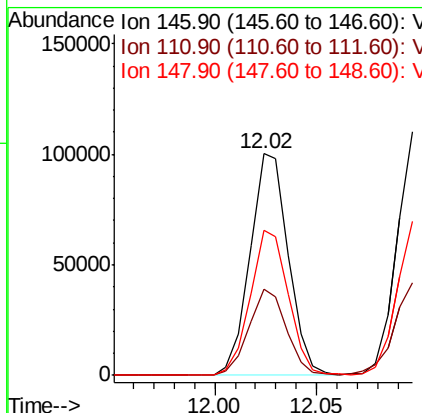
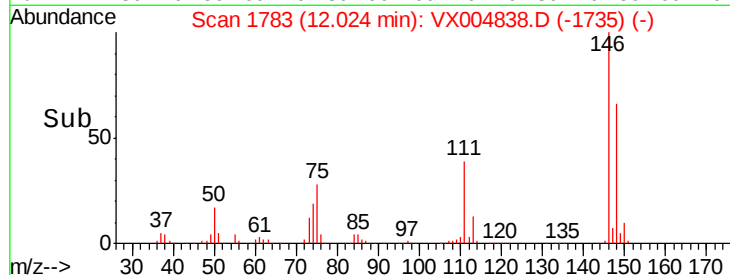
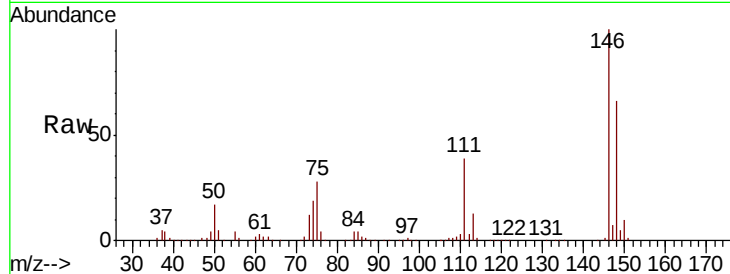
#87
 1,3-Dichlorobenzene
 Concen: 19.341 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampled :
 VX0928WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	65.3	32.1	96.5

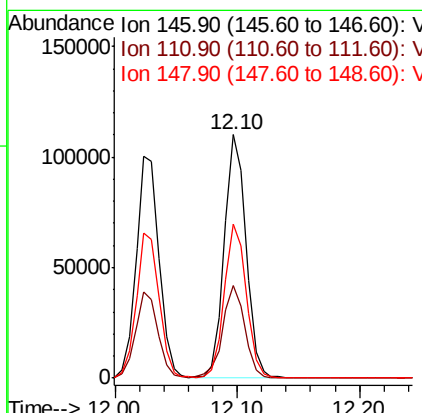
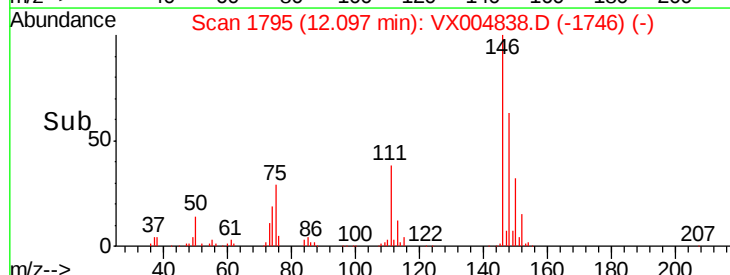
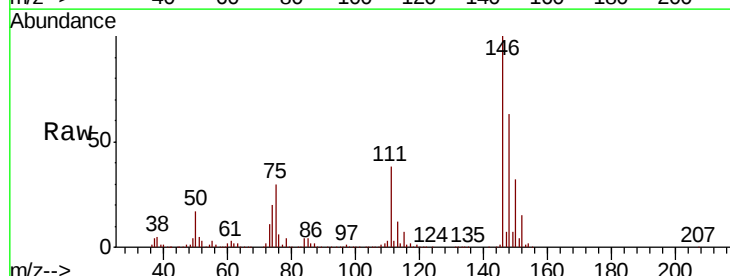
Manual Integrations
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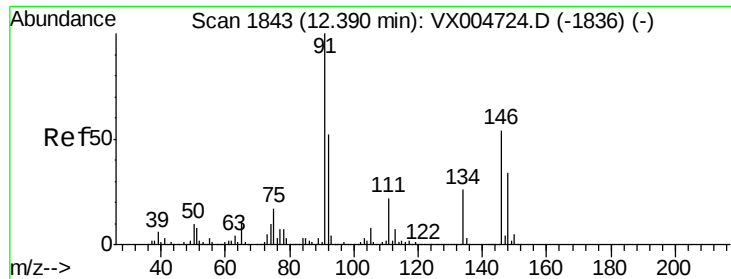
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#88
 1,4-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.1	54.1
148	63.8	32.0	96.0





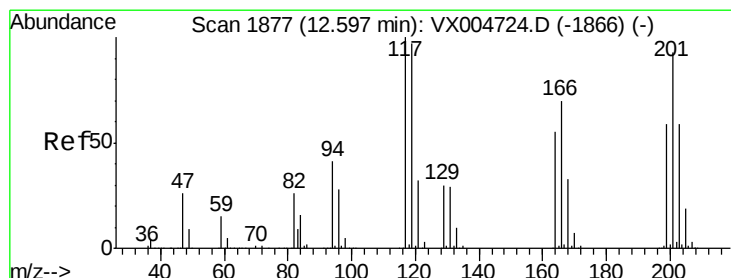
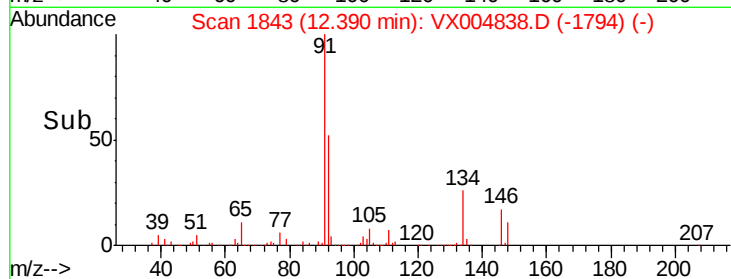
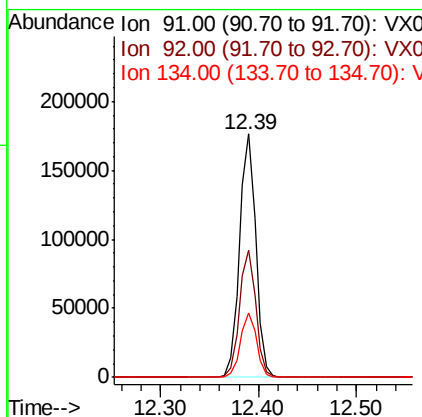
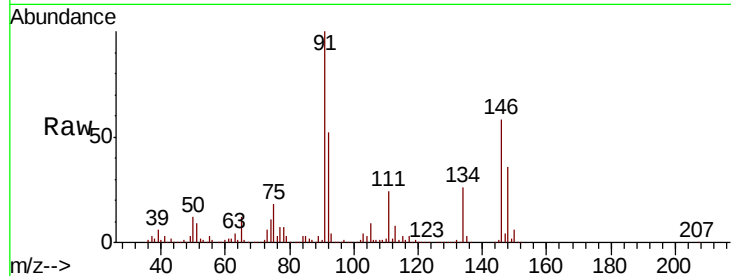
#89
n-Butylbenzene
Concen: 19.723 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.1	27.3	81.9	
134	26.1	13.6	40.7	

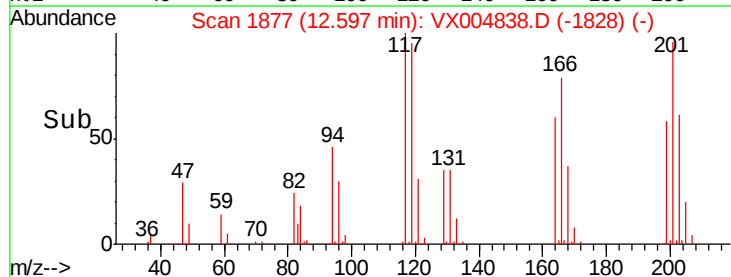
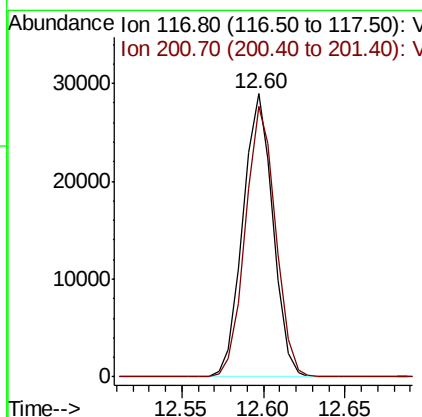
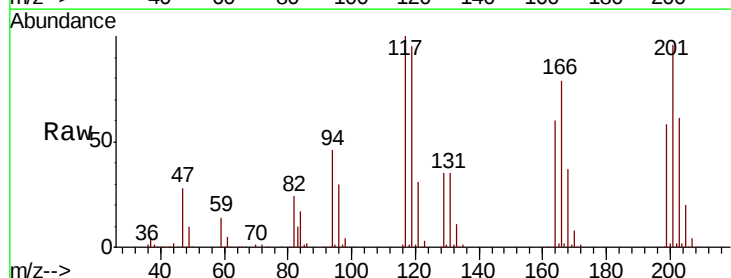
Manual Integrations
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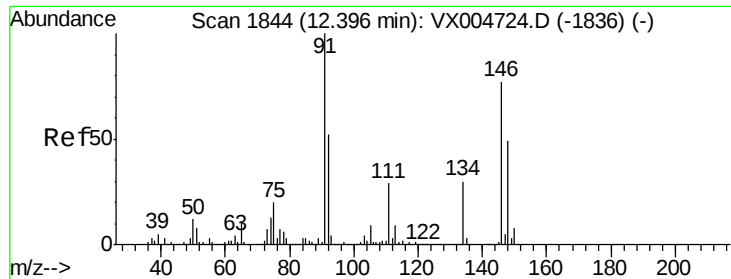
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10/1/2018 1:31:30 PM



#90
Hexachloroethane
Concen: 19.613 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	96.3	46.9	140.6	





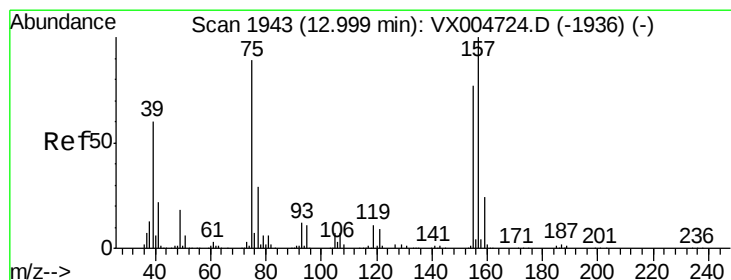
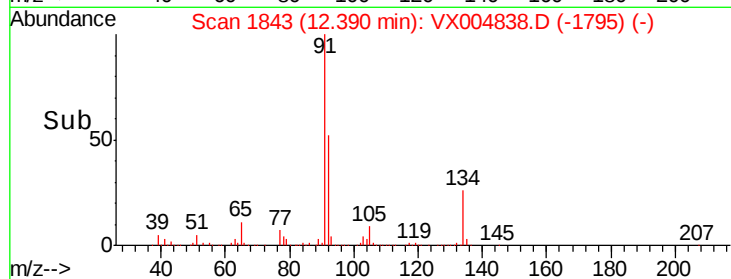
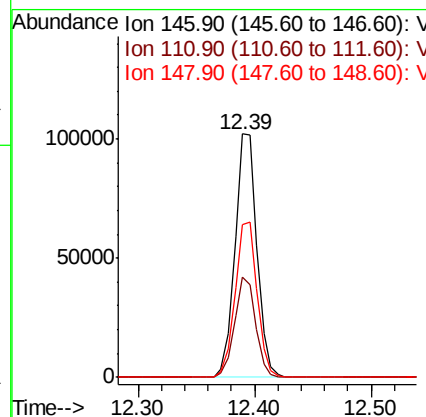
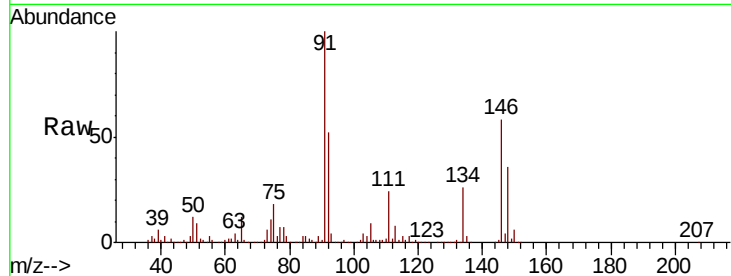
#91
 1,2-Dichlorobenzene
 Concen: 18.871 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133838		
111	39.7	19.4	58.1	
148	64.1	32.8	98.3	

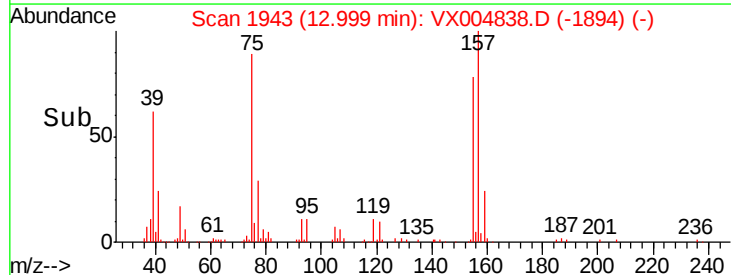
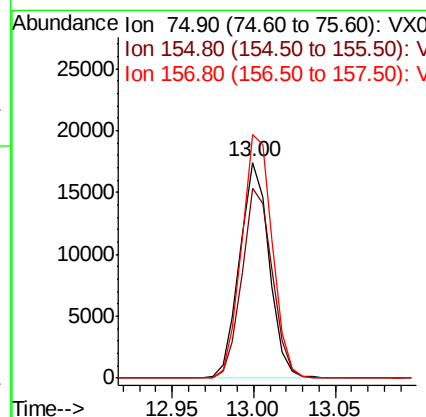
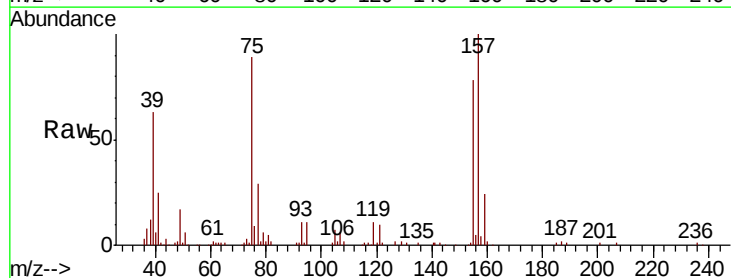
Manual Integrations
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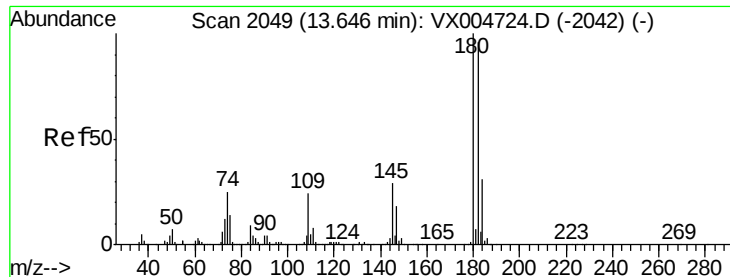
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.654 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21980		
155	90.4	48.0	144.2	
157	117.0	61.4	184.1	





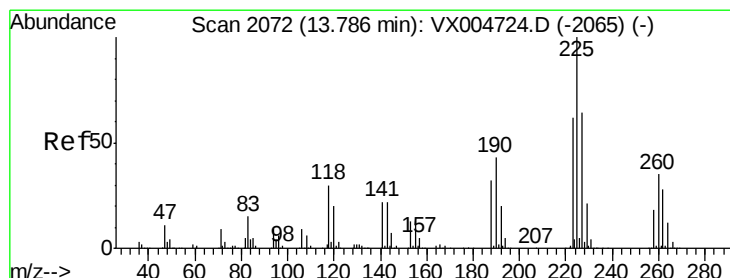
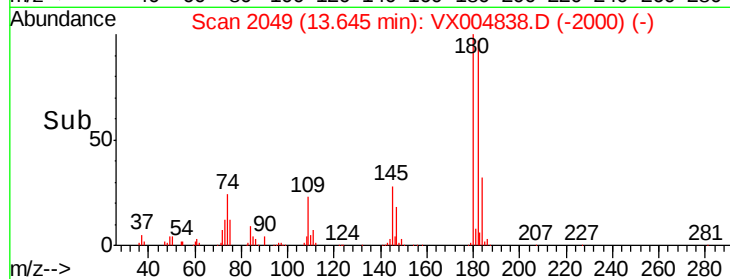
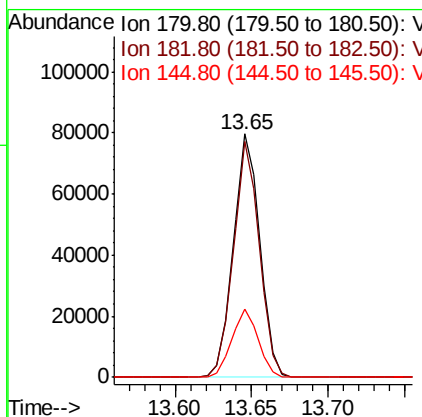
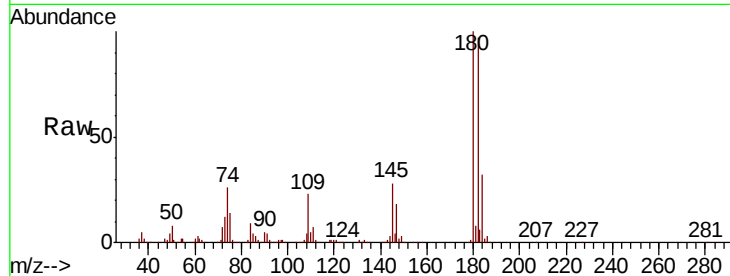
#93
 1,2,4-Trichlorobenzene
 Concen: 19.096 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	95003		
182	95.1		48.4	145.0
145	28.0		14.3	42.9

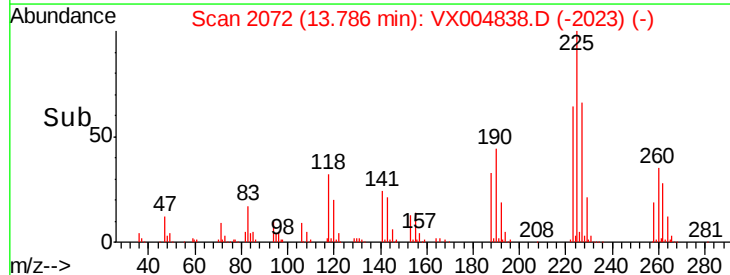
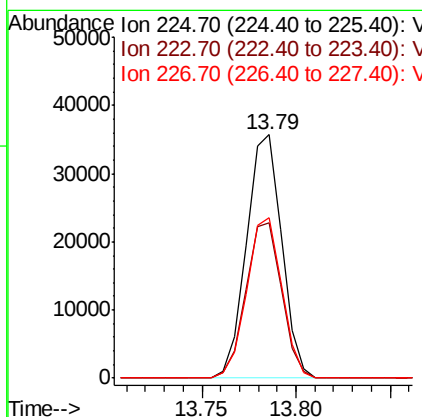
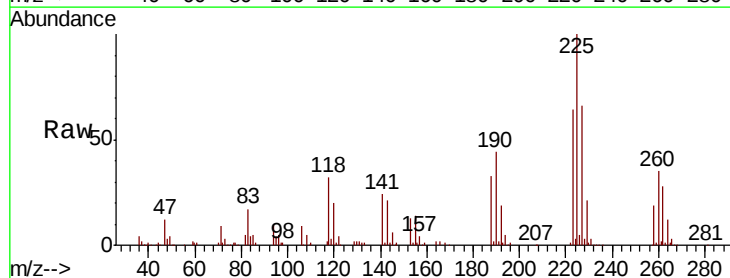
Manual Integrations
 APPROVED

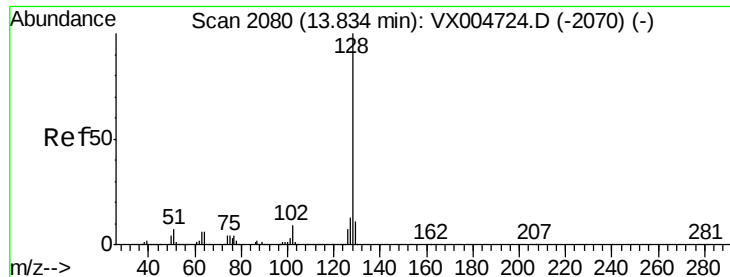
MMDadoda
 10/1/2018 1:31:30 PM



#94
 Hexachlorobutadiene
 Concen: 17.985 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004838.D
 Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46399		
223	64.7		30.1	90.5
227	65.6		30.8	92.4





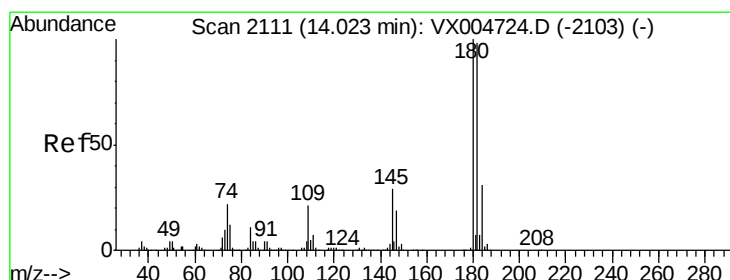
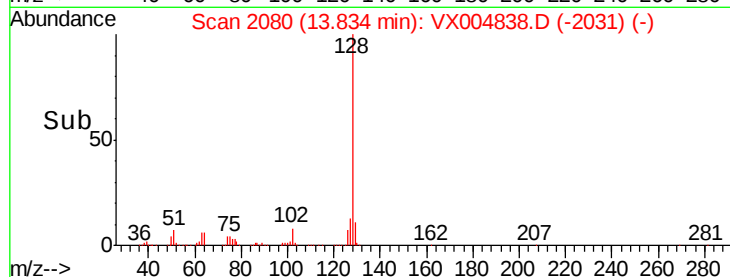
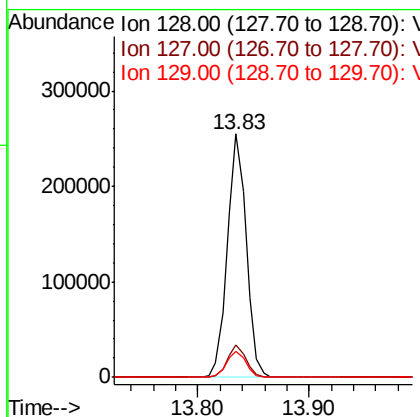
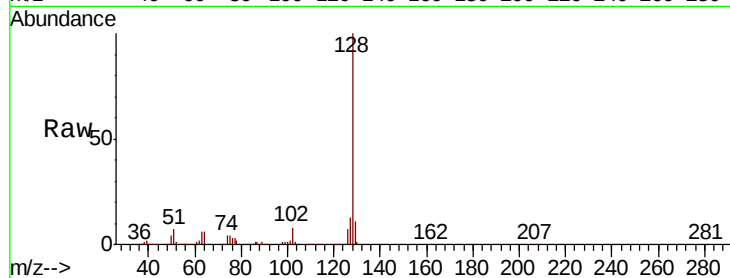
#95
Naphthalene
Concen: 18.610 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	299726		
127	13.1		10.2	15.2
129	11.0		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/1/2018 1:31:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.373 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004838.D
Acq: 28 Sep 2018 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99564		
182	95.3		48.5	145.6
145	29.6		14.9	44.9

