

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005245.D
 Acq On : 11 Oct 2018 10:20
 Operator : JC/MD
 Sample : VX1010WBS06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:05 AM

Quant Time: Oct 11 12:38:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130492	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	112401	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	426048	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	11.14	95	165195	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	38739	15.77	ug/l	99
3) Chloromethane	1.32	50	51601	17.32	ug/l	99
4) Vinyl Chloride	1.40	62	47688	17.06	ug/l	97
5) Bromomethane	1.64	94	30052	18.13	ug/l	98
6) Chloroethane	1.71	64	28689	17.31	ug/l	94
7) Trichlorofluoromethane	1.92	101	60207	17.40	ug/l	96
8) Diethyl Ether	2.19	74	27570	18.34	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31595	16.03	ug/l	100
10) Methyl Iodide	2.51	142	40500	15.36	ug/l	91
11) Tert butyl alcohol	3.08	59	73764	102.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33433	17.13	ug/l	94
13) Acrolein	2.29	56	42766	83.54	ug/l	93
14) Allyl chloride	2.73	41	78984	18.55	ug/l	94
15) Acrylonitrile	3.15	53	157129	99.20	ug/l	96
16) Acetone	2.45	43	158817	105.71	ug/l	93
17) Carbon Disulfide	2.56	76	90375	15.41	ug/l	100
18) Methyl Acetate	2.78	43	84143	22.11	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	136197	20.23	ug/l	96
20) Methylene Chloride	2.85	84	42599	18.98	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	36447	17.06	ug/l	# 80
22) Diisopropyl ether	3.87	45	128035	17.85	ug/l	98
23) Vinyl Acetate	3.82	43	589328	89.77	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76564	17.90	ug/l	99
25) 2-Butanone	4.71	43	206307	93.16	ug/l	96
26) 2,2-Dichloropropane	4.59	77	52742	17.70	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	40537	16.98	ug/l	91
28) Bromochloromethane	5.02	49	35667	17.70	ug/l	100
29) Tetrahydrofuran	5.17	42	130369	94.72	ug/l	98
30) Chloroform	5.21	83	71156	17.60	ug/l	98
31) Cyclohexane	5.57	56	47666	14.56	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	56122	17.00	ug/l	96
36) 1,1-Dichloropropene	5.80	75	44815	14.15	ug/l	94
37) Ethyl Acetate	4.87	43	70763	16.83	ug/l	98
38) Carbon Tetrachloride	5.78	117	48143	14.46	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44213	13.67	ug/l	86
40) Benzene	6.13	78	154607	15.59	ug/l	91
41) Methacrylonitrile	5.06	41	38721	16.61	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58786	16.77	ug/l	97
43) Isopropyl Acetate	6.47	43	95952	15.81	ug/l	96
44) Trichloroethene	7.21	130	39602	16.25	ug/l	92
45) 1,2-Dichloropropane	7.52	63	42132	17.33	ug/l	93
46) Dibromomethane	7.66	93	27497	18.00	ug/l	98
47) Bromodichloromethane	7.90	83	51424	17.98	ug/l	99
48) Methyl methacrylate	7.78	41	51525	18.71	ug/l	99
49) 1,4-Dioxane	7.76	88	25433	371.74	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	368550	96.47	ug/l	98
52) Toluene	8.79	92	95441	17.52	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54867	16.97	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	61655	18.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	42354	17.75	ug/l	94
56) Ethyl methacrylate	9.18	69	58393	17.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	69504	17.50	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	163870	89.40	ug/l	98
59) 2-Hexanone	9.50	43	297767	93.54	ug/l	93
60) Dibromochloromethane	9.58	129	41977	17.59	ug/l	98
61) 1,2-Dibromoethane	9.68	107	43098	16.86	ug/l	95
64) Tetrachloroethene	9.33	164	39234	14.19	ug/l	95
65) Chlorobenzene	10.14	112	108926	15.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39882	15.75	ug/l	99
67) Ethyl Benzene	10.26	91	169678	14.84	ug/l	96
68) m/p-Xylenes	10.36	106	135860	30.40	ug/l	95
69) o-Xylene	10.70	106	65244	15.89	ug/l	100
70) Styrene	10.71	104	111527	16.05	ug/l	99
71) Bromoform	10.86	173	34104	15.73	ug/l #	97
73) Isopropylbenzene	11.02	105	172270	15.41	ug/l	99
74) N-amyl acetate	10.90	43	83449	14.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	69542	15.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	71803m	18.07	ug/l	
77) Bromobenzene	11.26	156	51828	15.97	ug/l	98
78) n-propylbenzene	11.36	91	197011	15.36	ug/l	98
79) 2-Chlorotoluene	11.42	91	125419	15.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151364	14.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18189	13.97	ug/l	96
82) 4-Chlorotoluene	11.51	91	148443	15.78	ug/l	100
83) tert-Butylbenzene	11.77	119	144645	15.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	157461	14.77	ug/l	99
85) sec-Butylbenzene	11.95	105	170490	15.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	154019	15.17	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93391	15.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94804	15.15	ug/l	99
89) n-Butylbenzene	12.39	91	129769	14.07	ug/l	99
90) Hexachloroethane	12.60	117	25194	14.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	95038	15.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16784	16.80	ug/l	98

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ClientSampleId :
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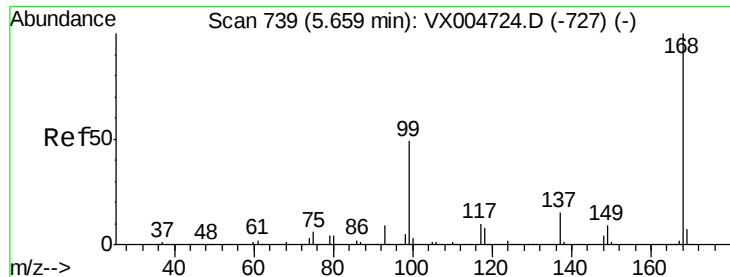
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66866	15.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	31448	13.65	ug/l	100
95) Naphthalene	13.83	128	209991	14.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71552	15.59	ug/l	100

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



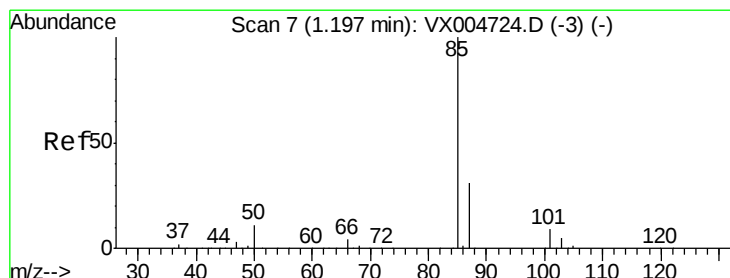
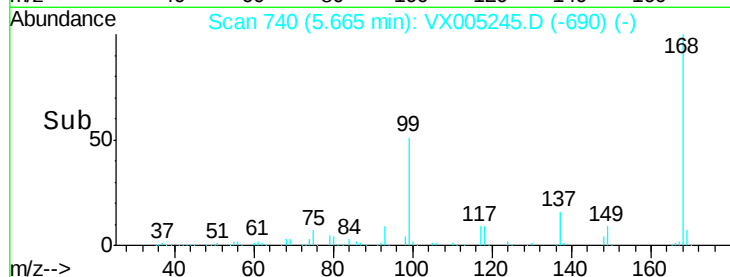
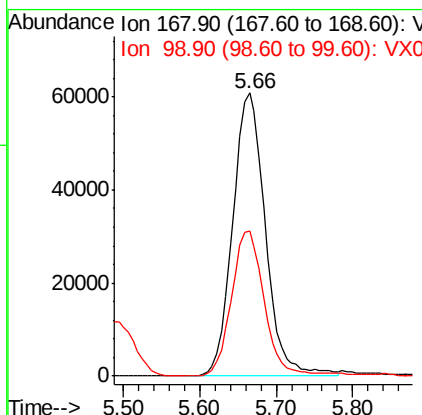
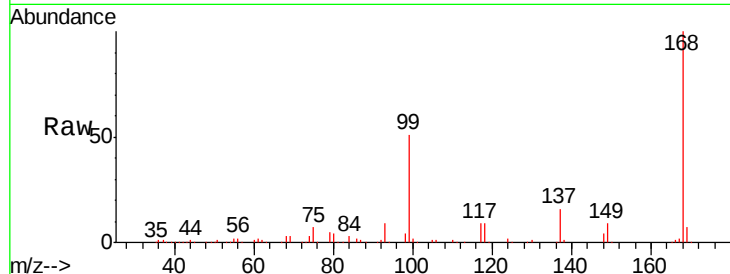
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.3	39.3	58.9

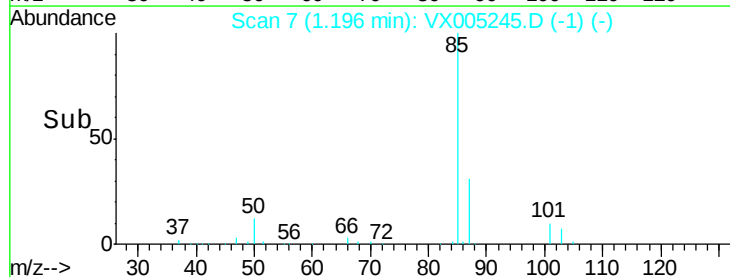
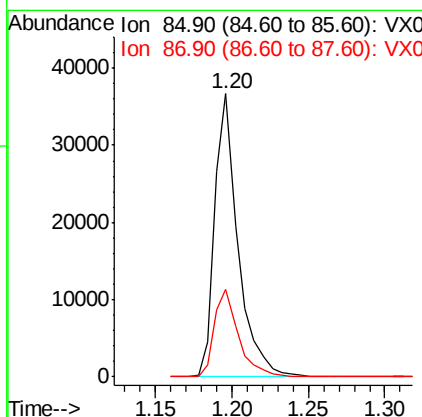
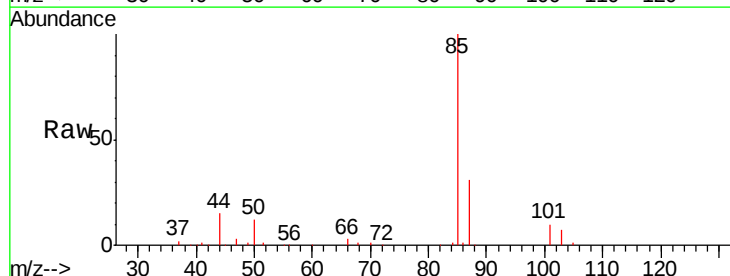
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#2
Dichlorodifluoromethane
Concen: 15.77 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.7	47.1





#3

Chloromethane

Concen: 17.32 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 50 Resp: 51601

Ion Ratio Lower Upper

50 100

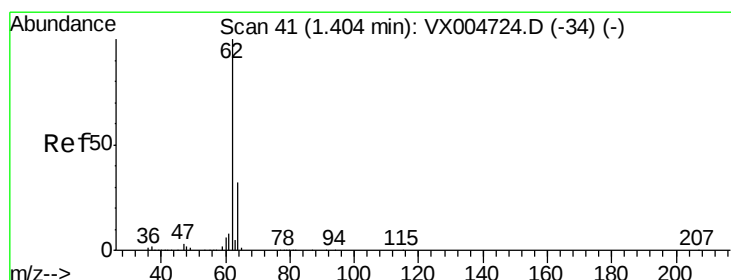
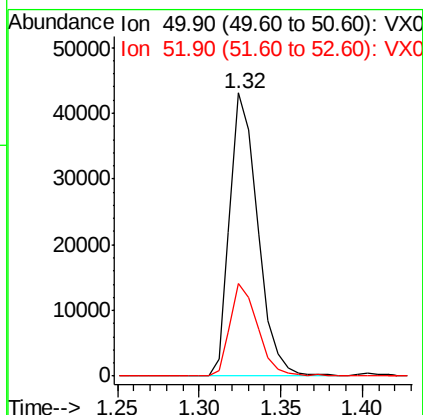
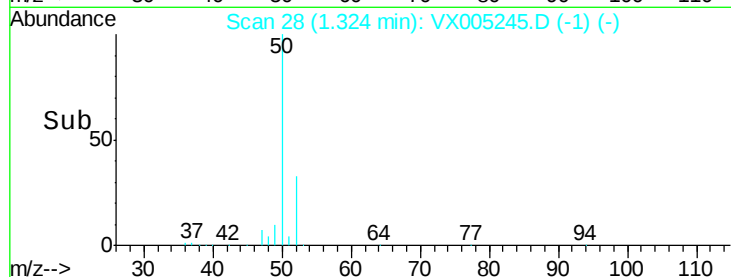
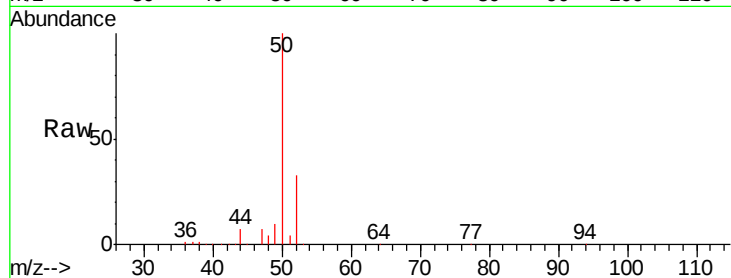
52 32.7 25.8 38.6

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#4

Vinyl Chloride

Concen: 17.06 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005245.D

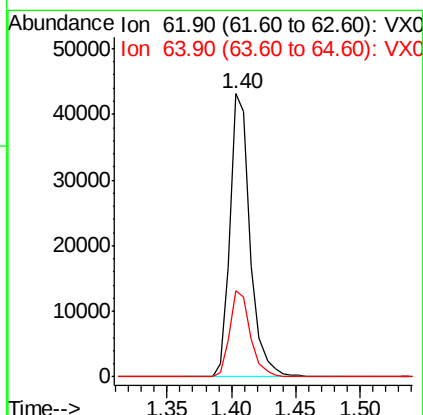
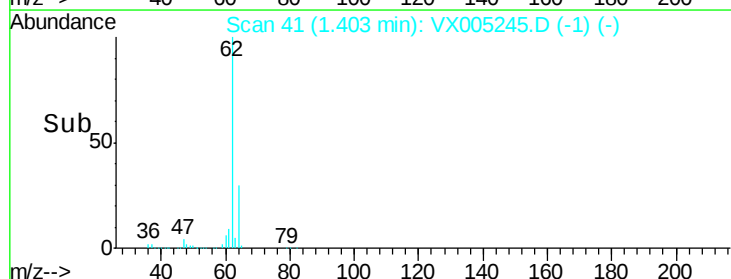
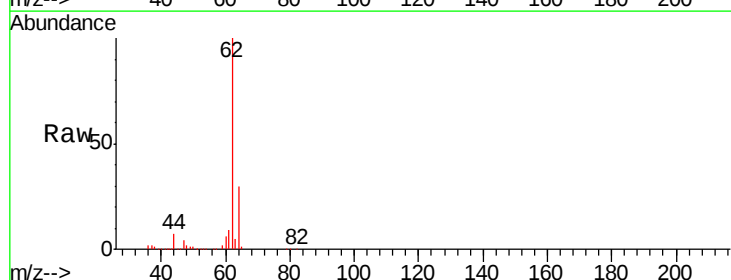
Acq: 11 Oct 2018 10:20

Tgt Ion: 62 Resp: 47688

Ion Ratio Lower Upper

62 100

64 30.4 25.5 38.3





#5

Bromomethane

Concen: 18.13 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 94 Resp: 30052

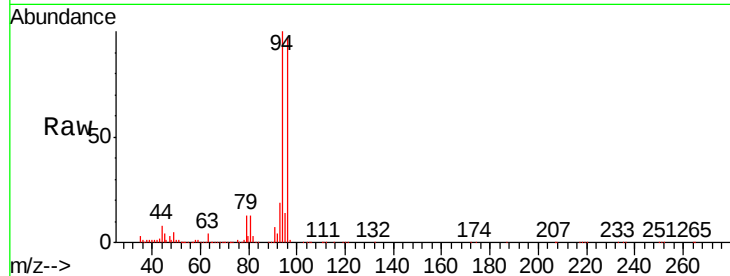
Ion Ratio Lower Upper

94 100

96 97.1 79.5 119.3

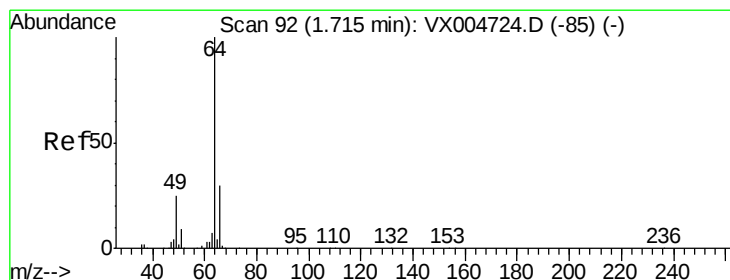
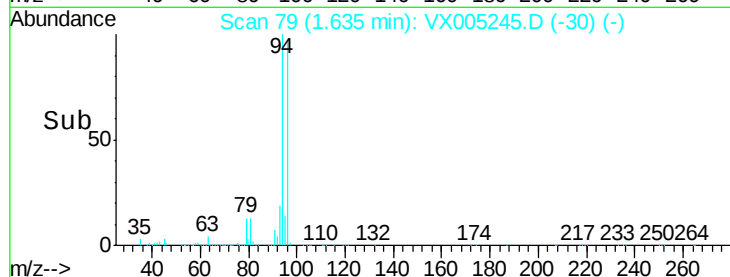
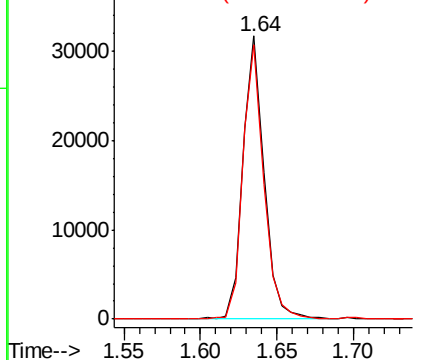
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.31 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005245.D

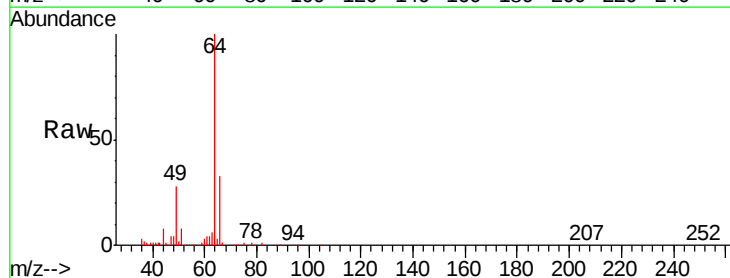
Acq: 11 Oct 2018 10:20

Tgt Ion: 64 Resp: 28689

Ion Ratio Lower Upper

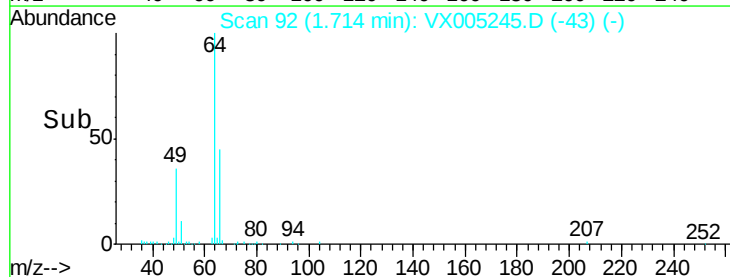
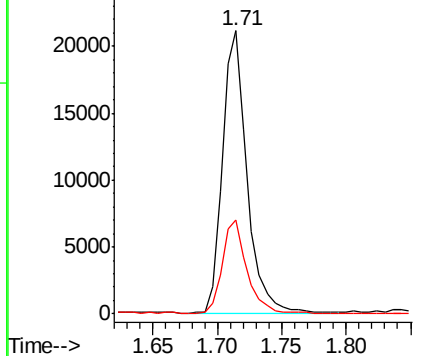
64 100

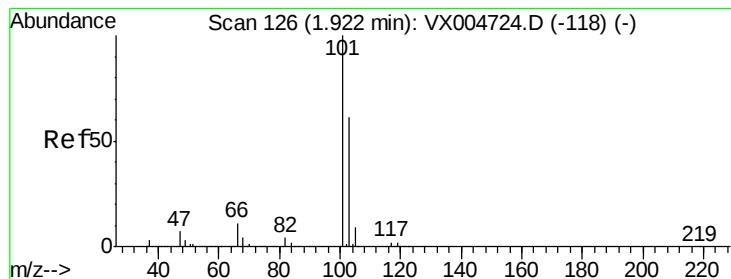
66 32.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

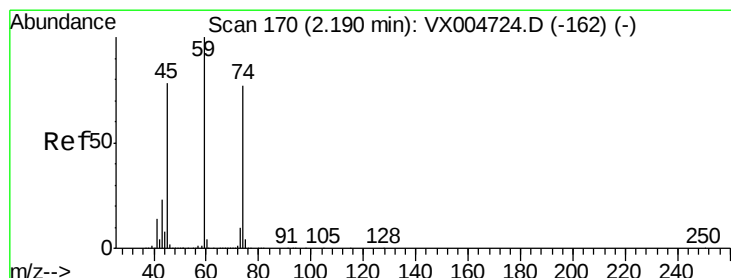
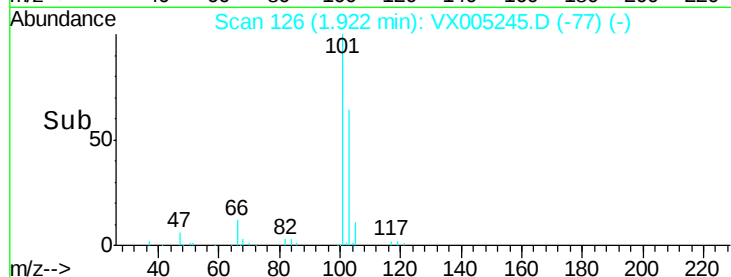
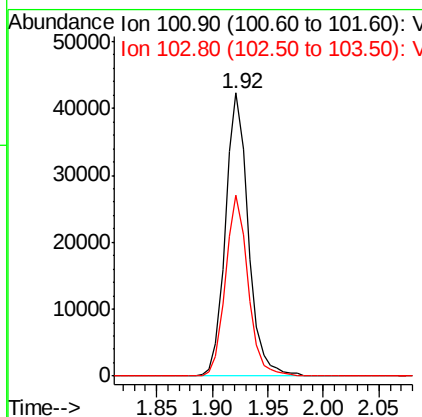
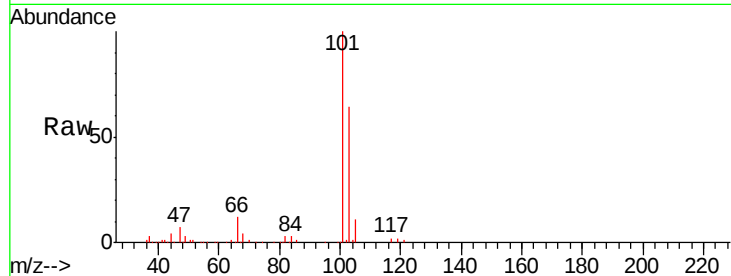
Trichlorofluoromethane
 Concen: 17.40 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	48.4	72.6

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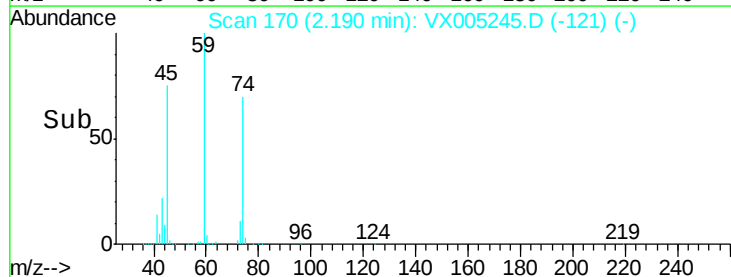
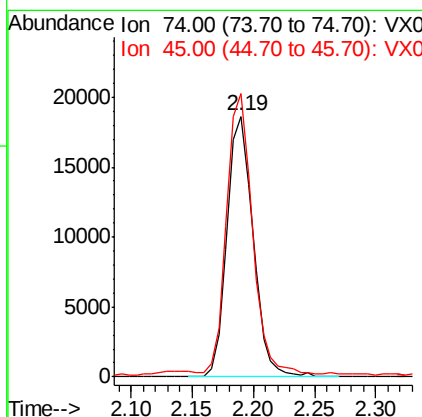
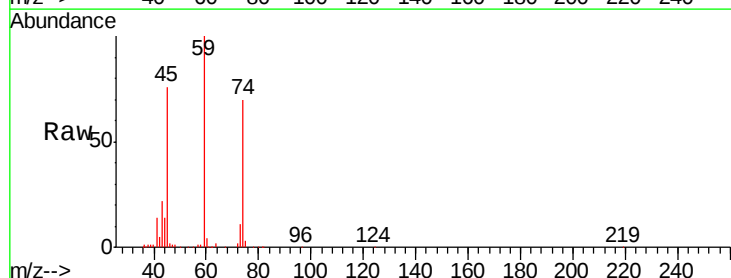
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 10/12/2018 11:45:05 AM

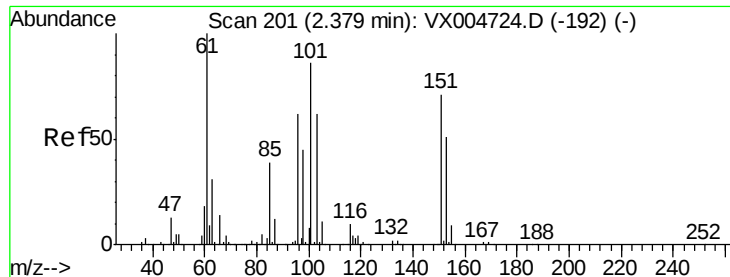


#8

Diethyl Ether
 Concen: 18.34 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.03 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

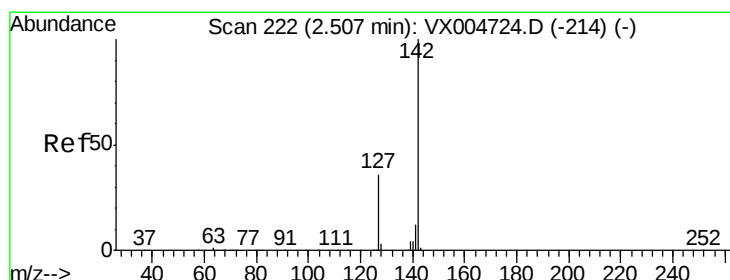
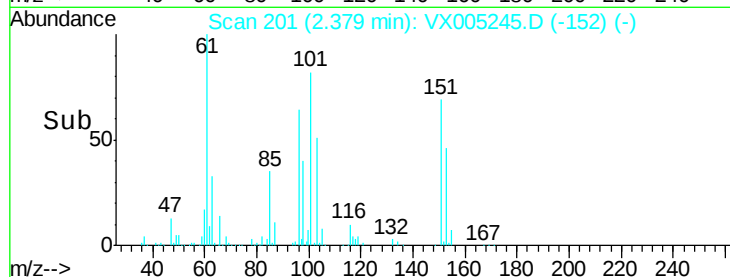
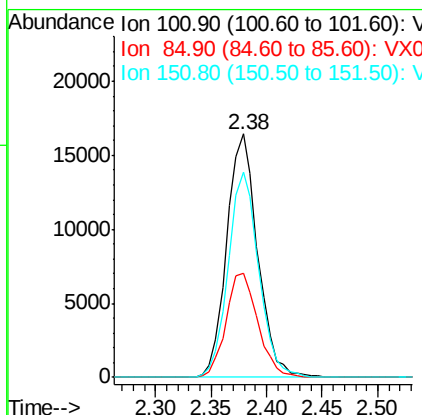
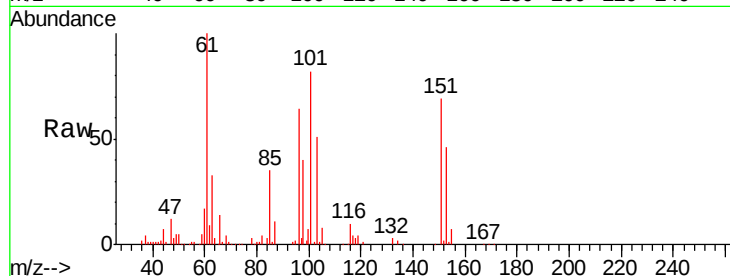
ClientSampleId :

VX1010WBS06

Tgt Ion:	101	Resp:	31595
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.9	53.9
151	83.5	66.6	100.0

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#10

Methyl Iodide

Concen: 15.36 ug/l

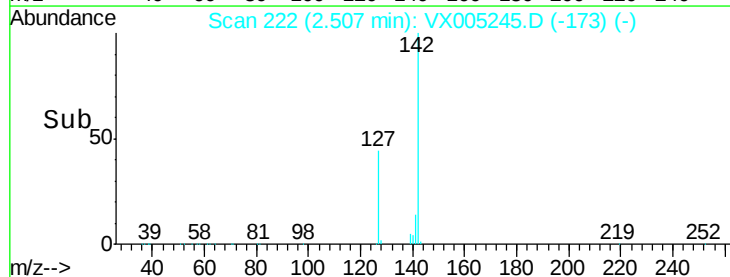
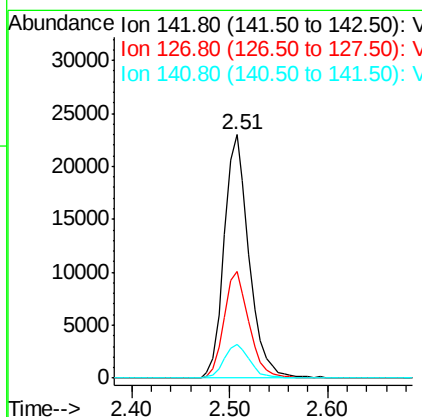
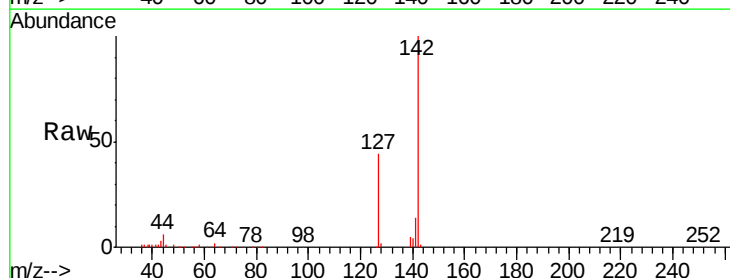
RT: 2.51 min Scan# 222

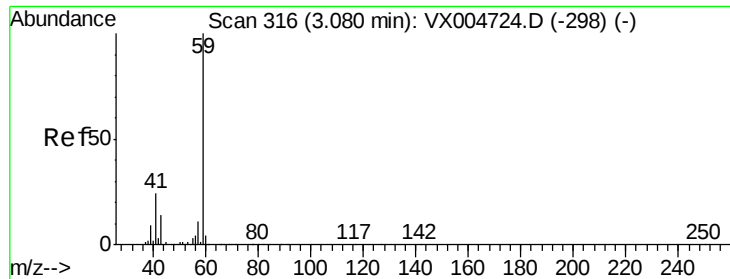
Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	142	Resp:	40500
Ion Ratio	Lower	Upper	
142	100		
127	43.8	30.1	45.1
141	14.3	10.1	15.1





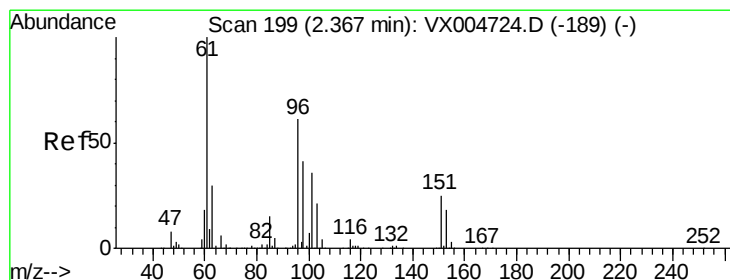
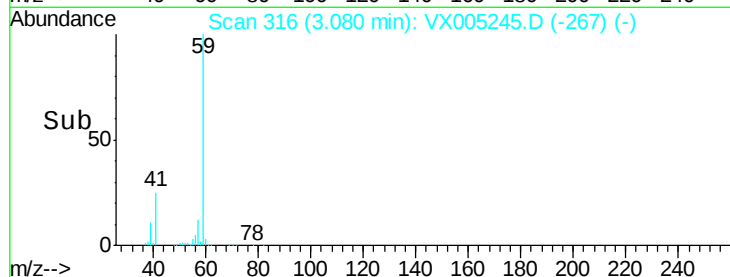
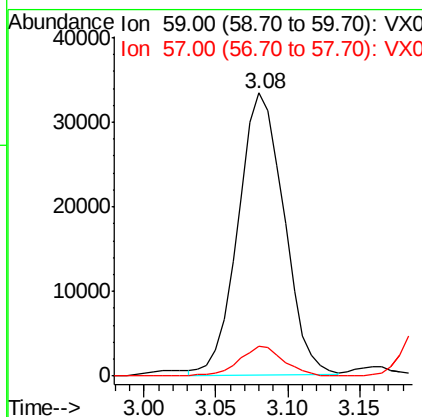
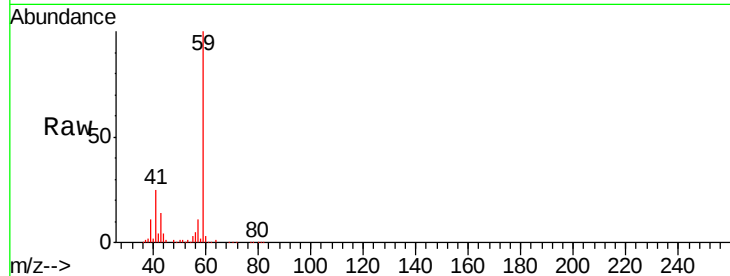
#11
Tert butyl alcohol
Concen: 102.52 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 59 Resp: 73764
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

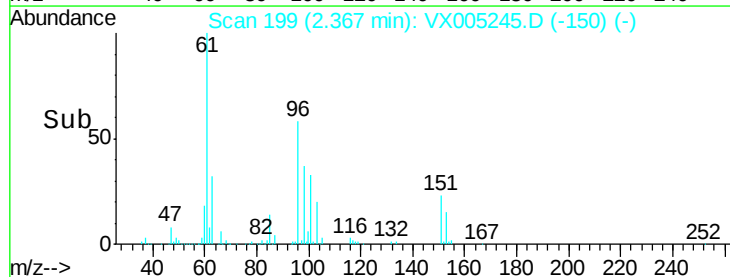
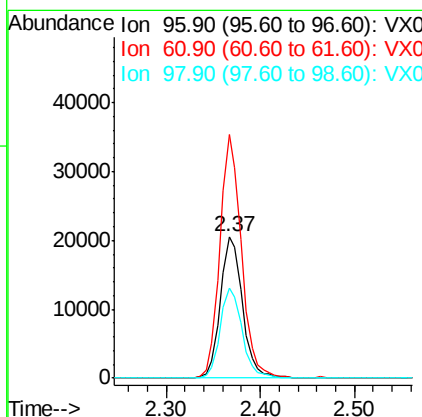
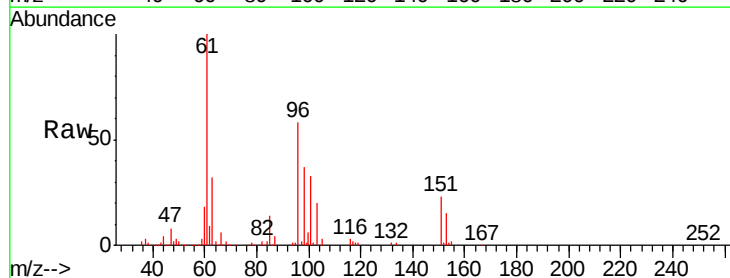
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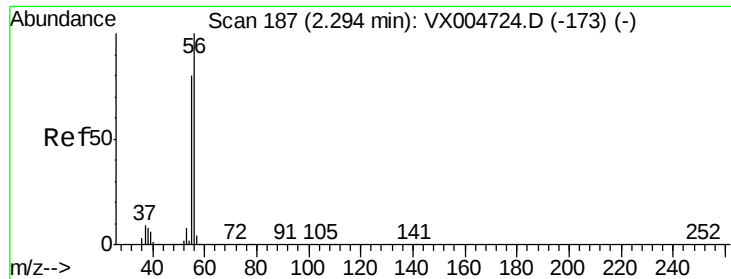
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.13 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 96 Resp: 33433
Ion Ratio Lower Upper
96 100
61 172.3 130.2 195.4
98 64.0 53.4 80.0





#13

Acrolein

Concen: 83.54 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 56 Resp: 42766

Ion Ratio Lower Upper

56 100

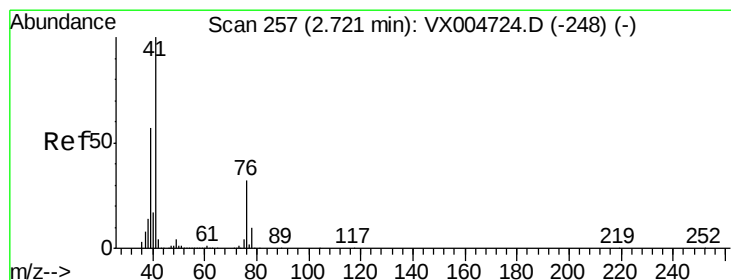
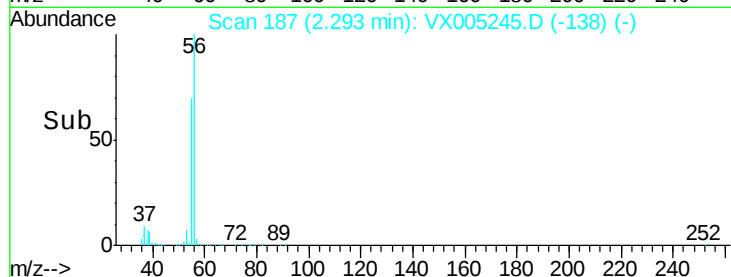
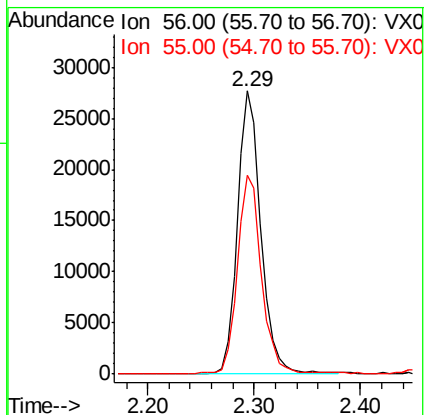
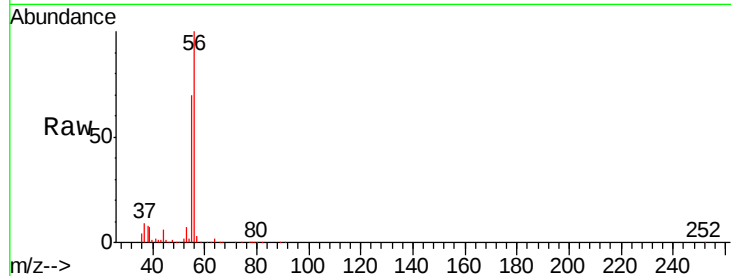
55 72.9 63.4 95.2

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#14

Allyl chloride

Concen: 18.55 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

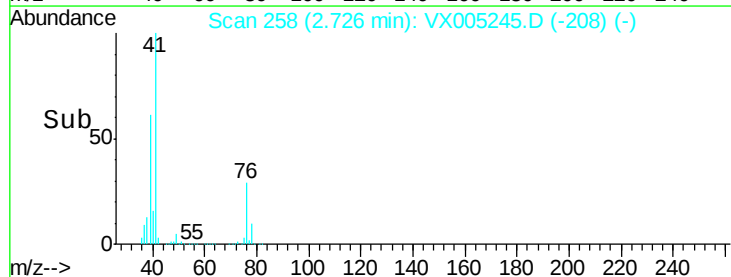
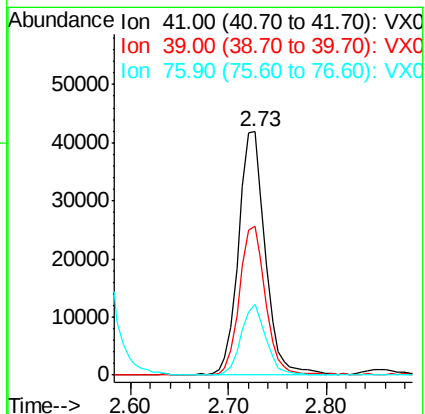
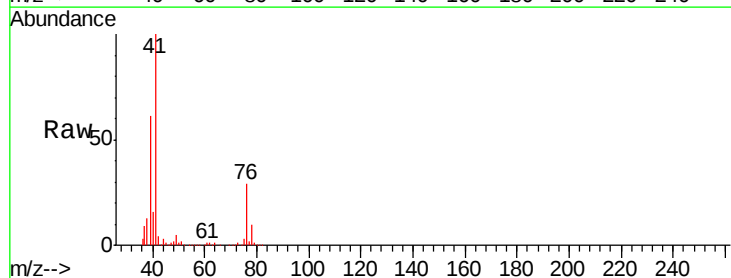
Tgt Ion: 41 Resp: 78984

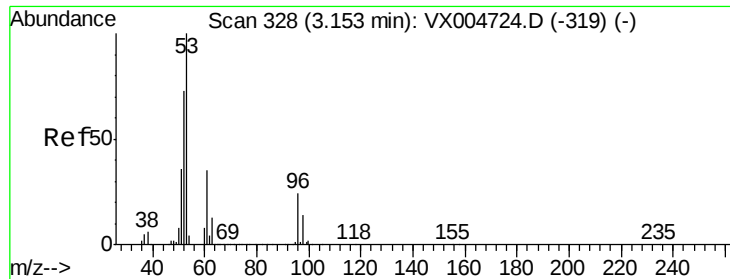
Ion Ratio Lower Upper

41 100

39 59.0 44.1 66.1

76 27.2 25.0 37.4





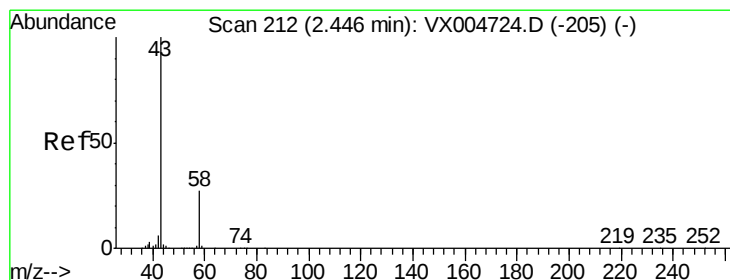
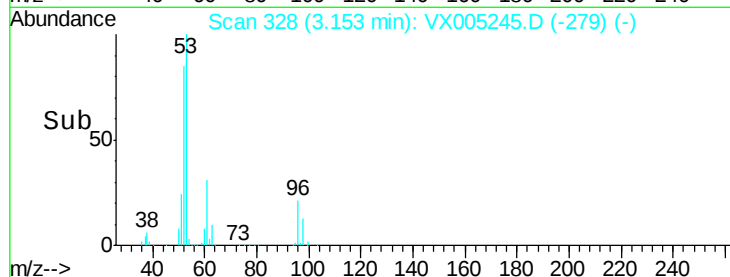
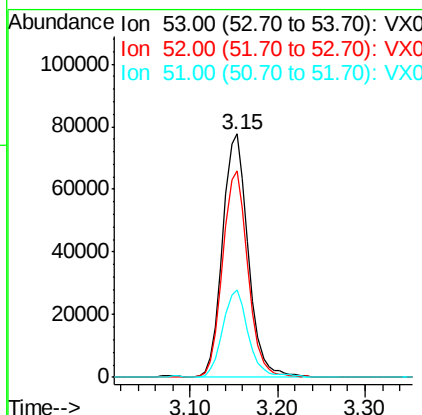
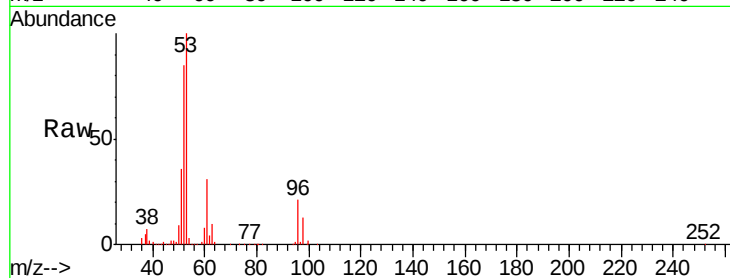
#15
 Acrylonitrile
 Concen: 99.20 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.9	63.0	94.4
51	36.0	28.6	42.8

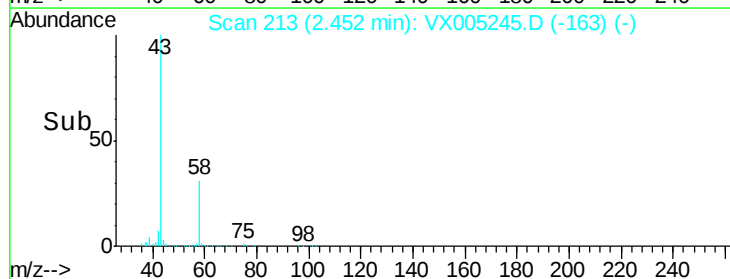
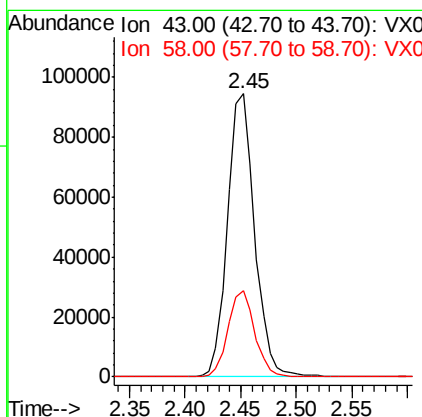
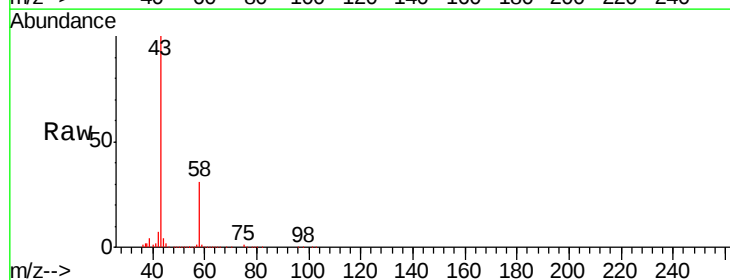
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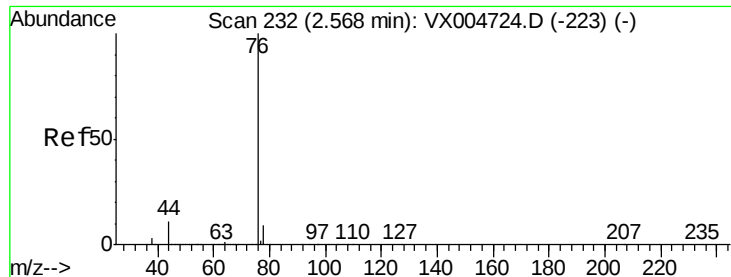
MMDadoda
 10/12/2018 11:45:05 AM



#16
 Acetone
 Concen: 105.71 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.6	21.8	32.6





#17

Carbon Disulfide

Concen: 15.41 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 76 Resp: 90375

Ion Ratio Lower Upper

76 100

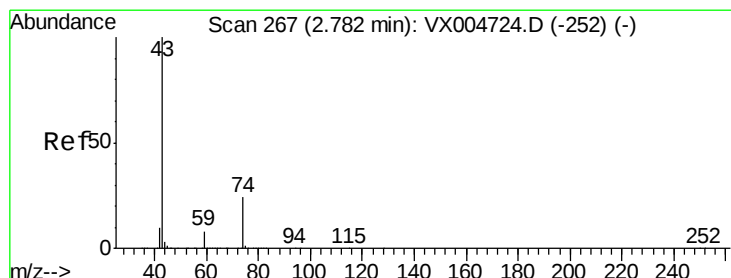
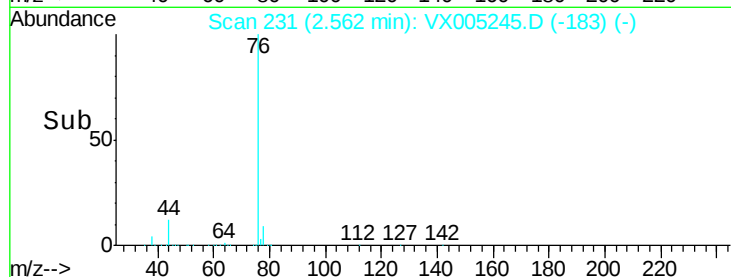
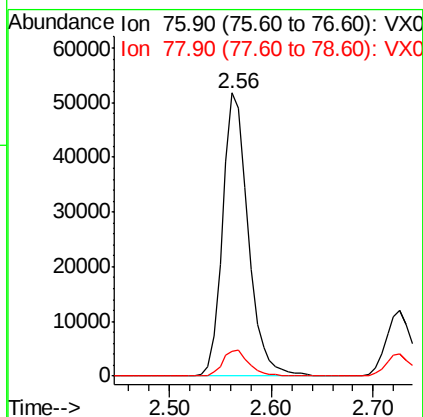
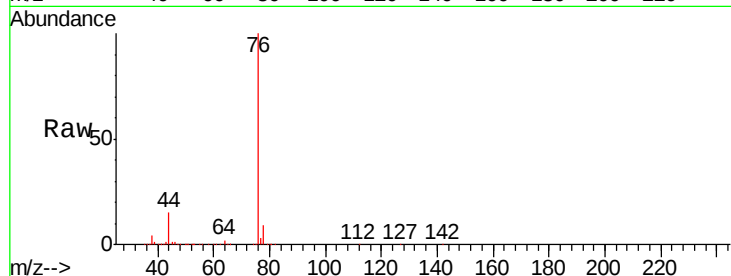
78 8.9 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 22.11 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005245.D

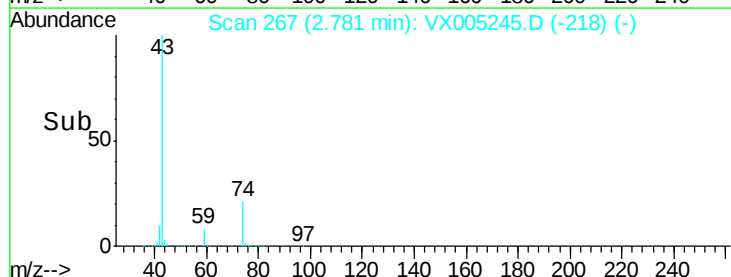
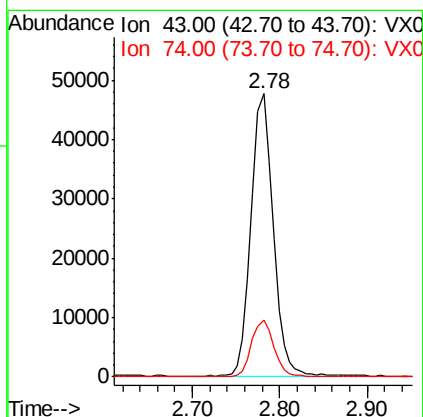
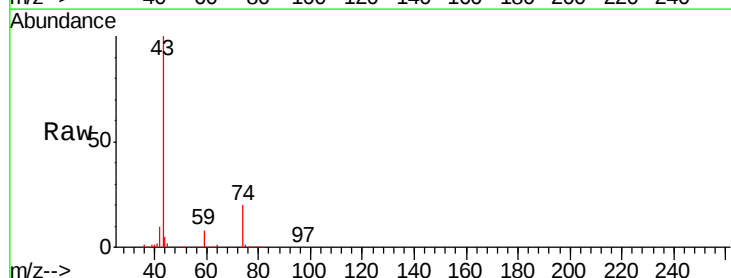
Acq: 11 Oct 2018 10:20

Tgt Ion: 43 Resp: 84143

Ion Ratio Lower Upper

43 100

74 19.8 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 20.23 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 73 Resp: 136197

Ion Ratio Lower Upper

73 100

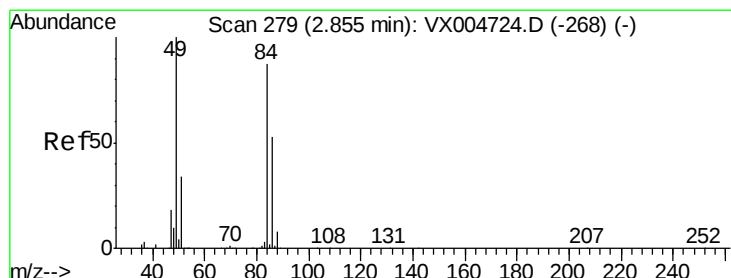
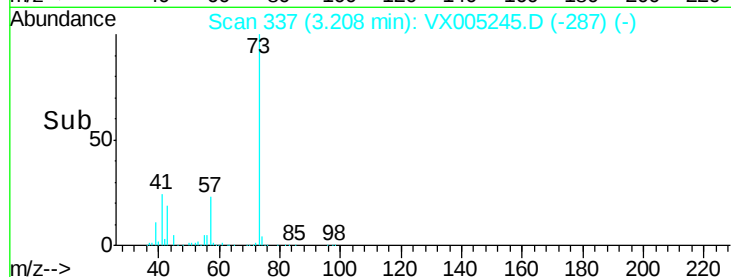
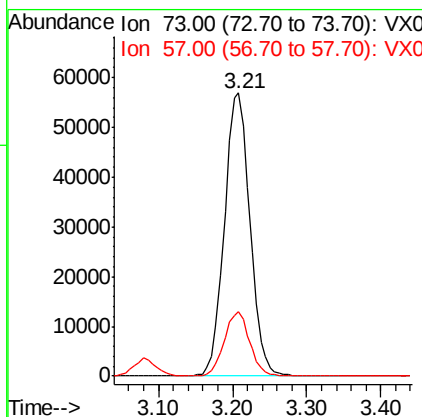
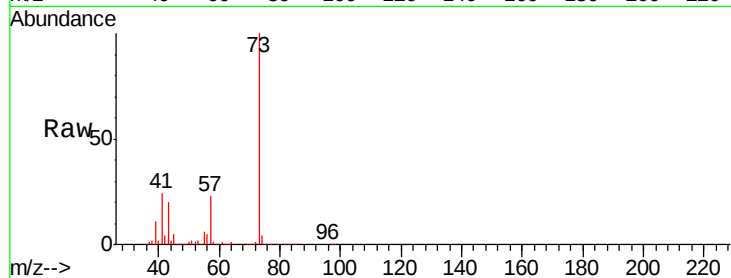
57 22.9 19.9 29.9

Manual Integrations

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#20

Methylene Chloride

Concen: 18.98 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion: 84 Resp: 42599

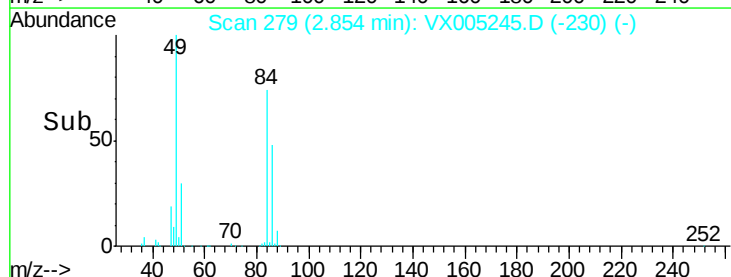
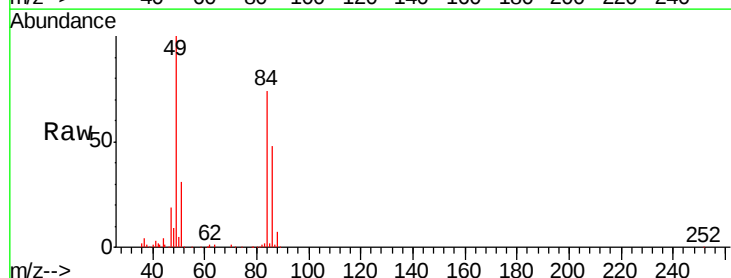
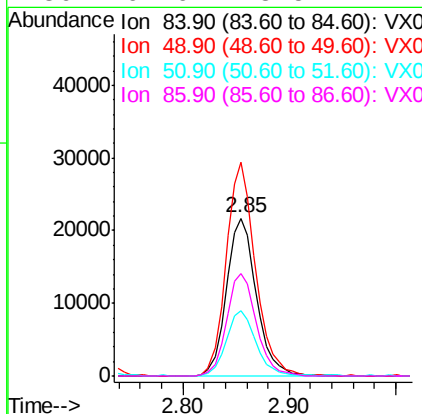
Ion Ratio Lower Upper

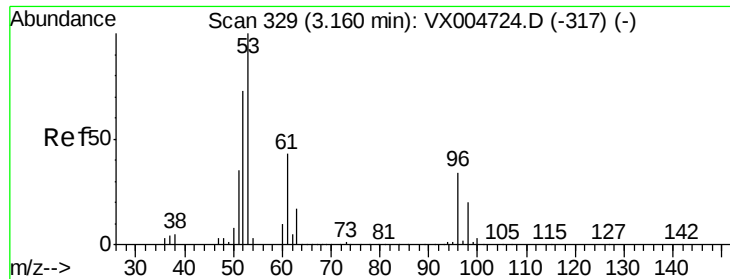
84 100

49 135.1 92.3 138.5

51 41.7 31.8 47.6

86 64.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 17.06 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 96 Resp: 36447
Ion Ratio Lower Upper

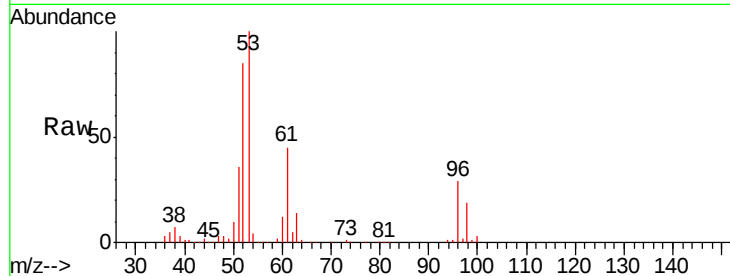
96 100

61 155.7 101.0 151.6#

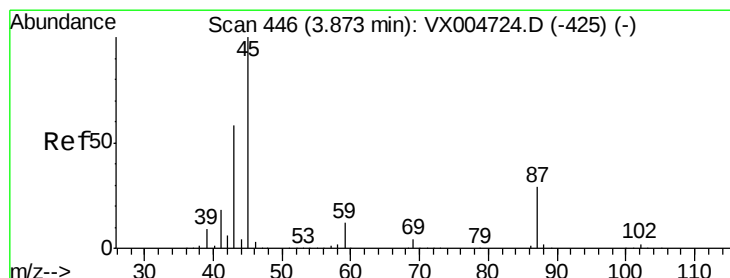
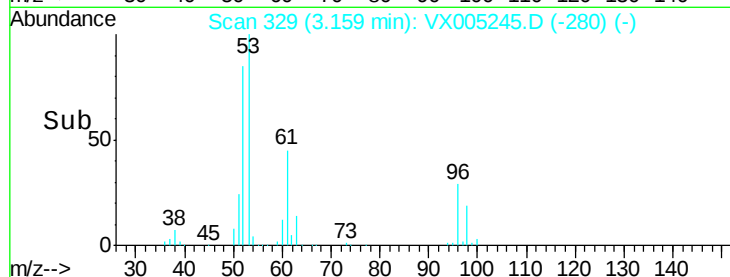
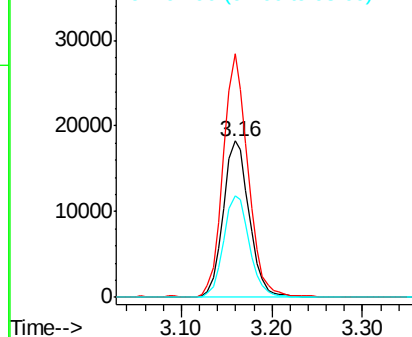
98 65.2 47.2 70.8

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.85 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

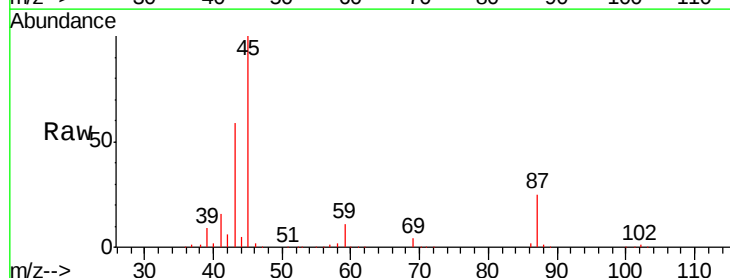
Tgt Ion: 45 Resp: 128035
Ion Ratio Lower Upper

45 100

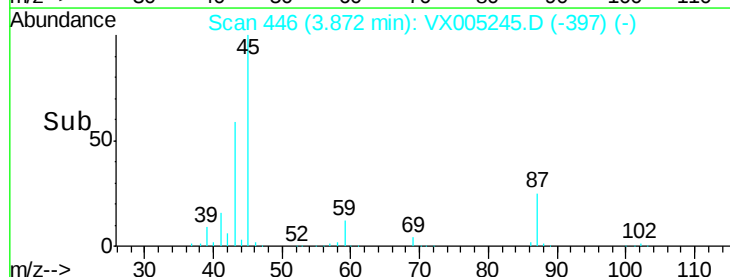
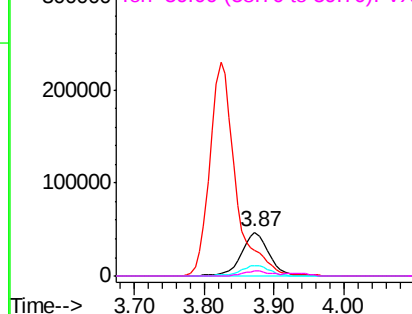
43 58.6 46.7 70.1

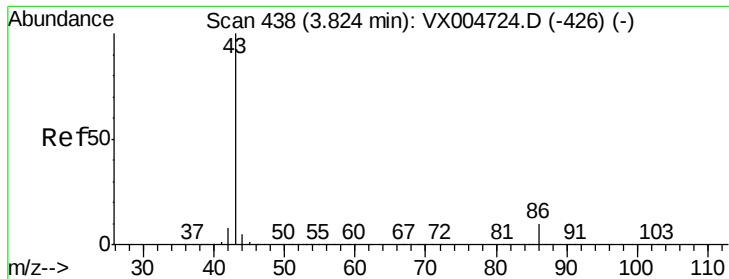
87 24.7 22.9 34.3

59 11.5 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 89.77 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 43 Resp: 589328

Ion Ratio Lower Upper

43 100

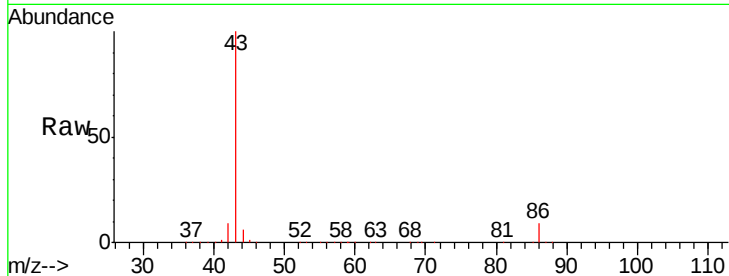
86 9.5 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

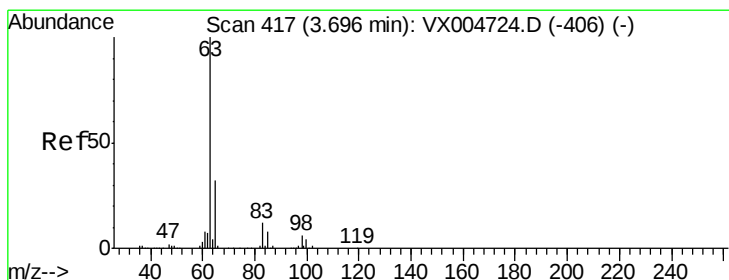
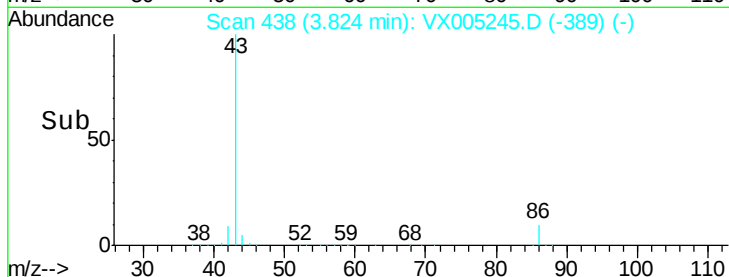
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.90 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

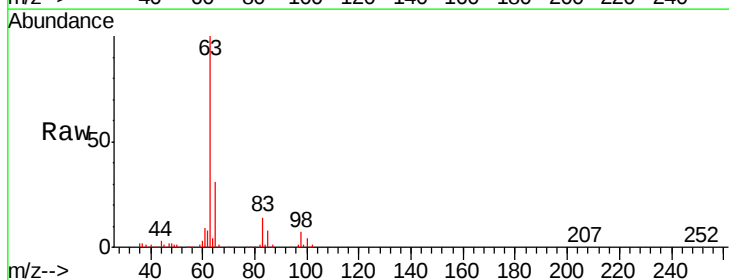
Tgt Ion: 63 Resp: 76564

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.9 2.0 5.8



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

40000

30000

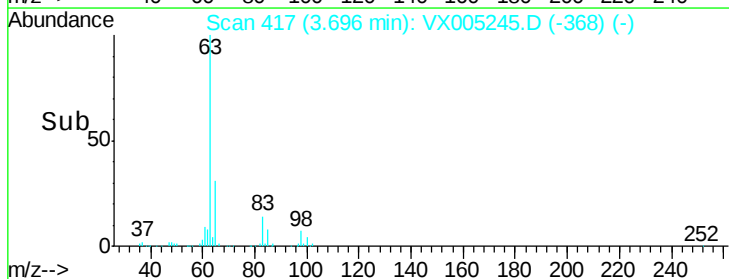
20000

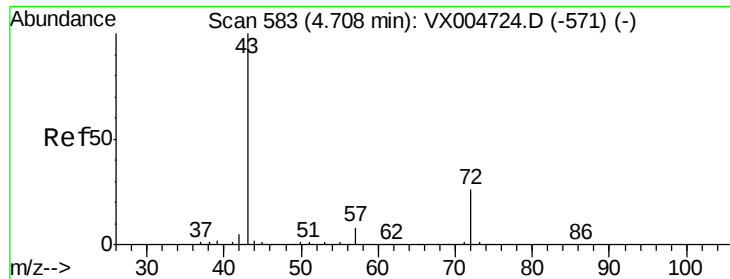
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 93.16 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 43 Resp: 206307

Ion Ratio Lower Upper

43 100

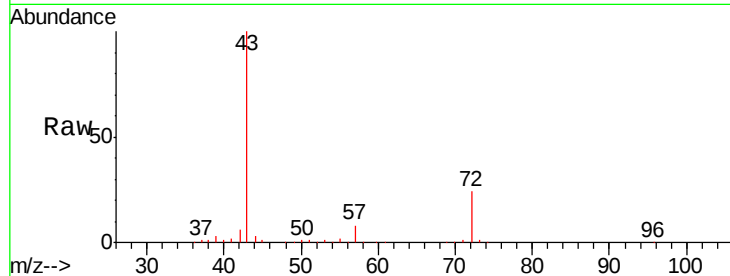
72 23.9 20.8 31.2

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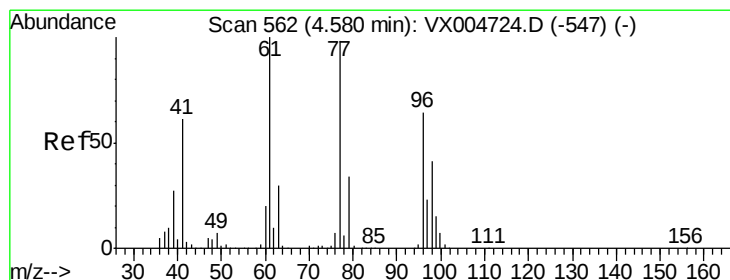
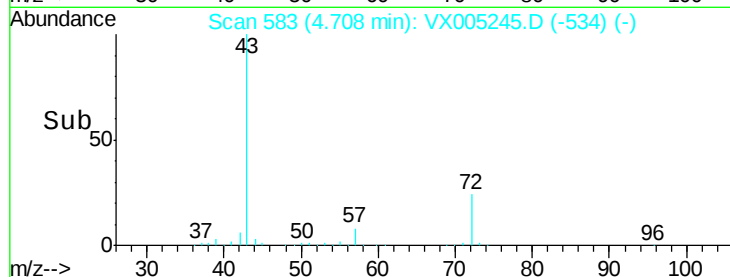
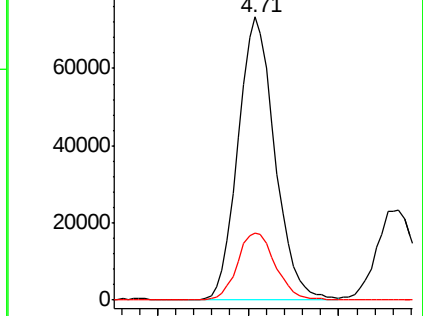
MMDadoda

10/12/2018 11:45:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.70 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005245.D

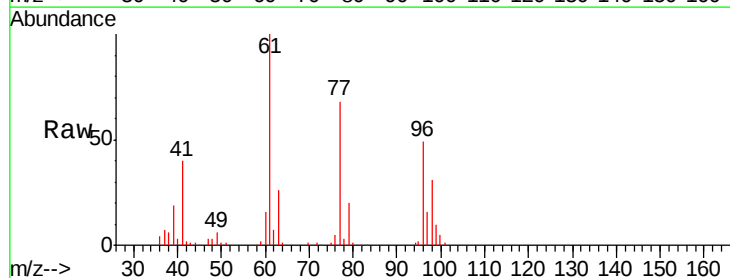
Acq: 11 Oct 2018 10:20

Tgt Ion: 77 Resp: 52742

Ion Ratio Lower Upper

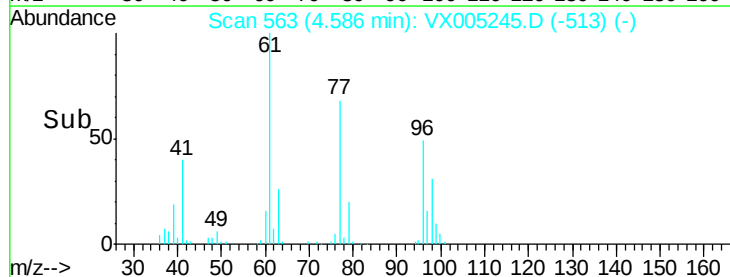
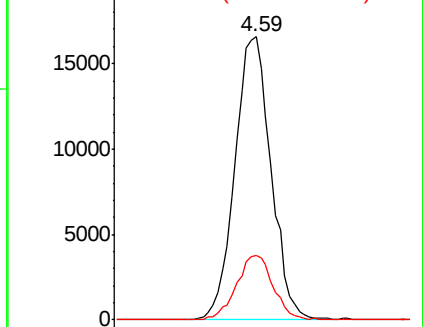
77 100

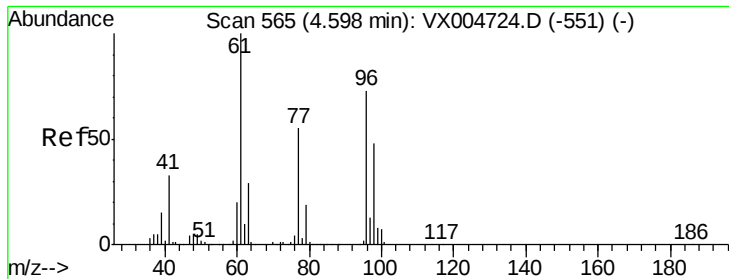
97 23.2 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

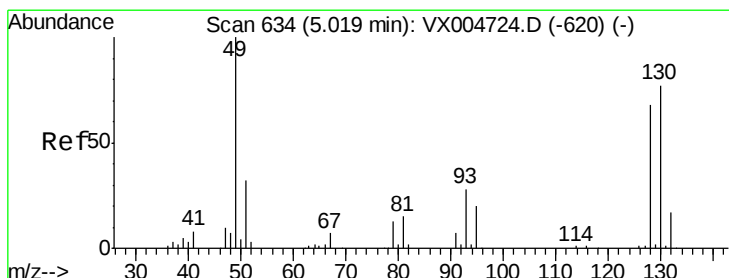
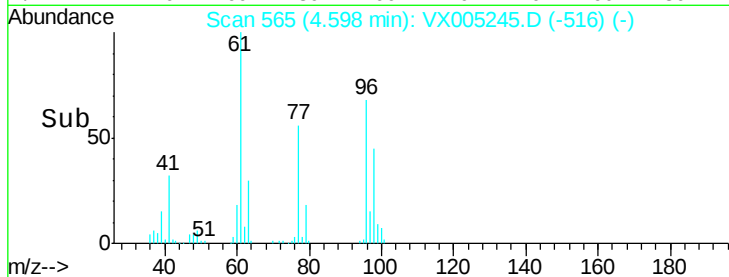
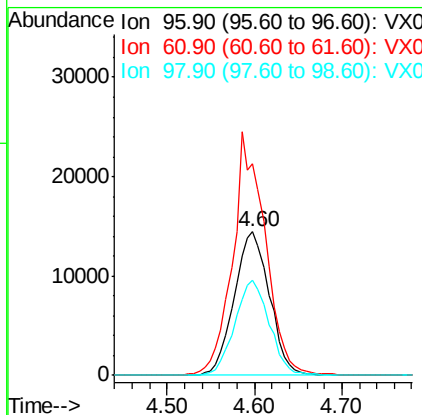
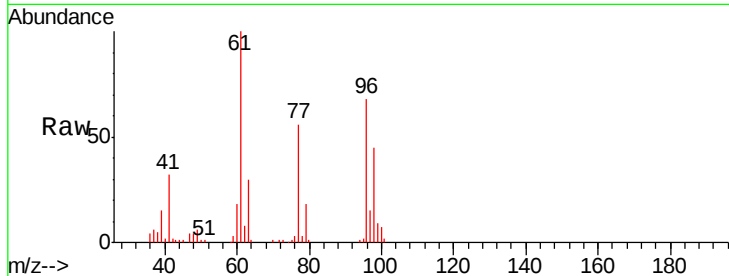
cis-1,2-Dichloroethene
 Concen: 16.98 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	285.8
98	64.9	0.0	136.2

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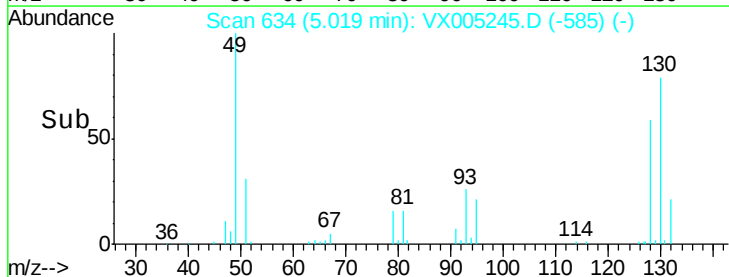
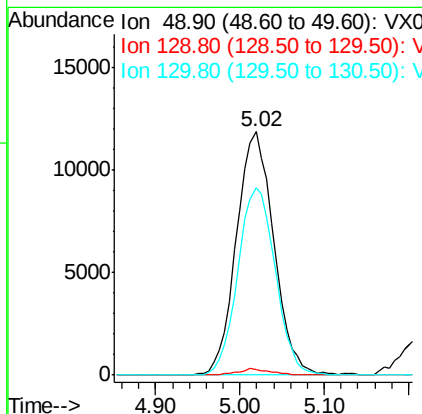
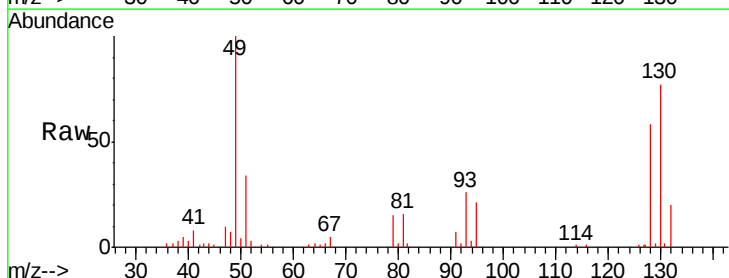
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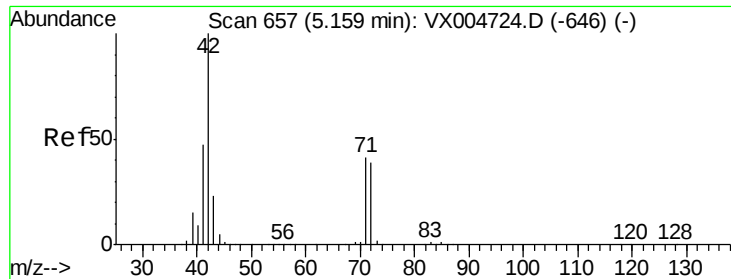


#28

Bromochloromethane
 Concen: 17.70 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	77.4	62.0	93.0





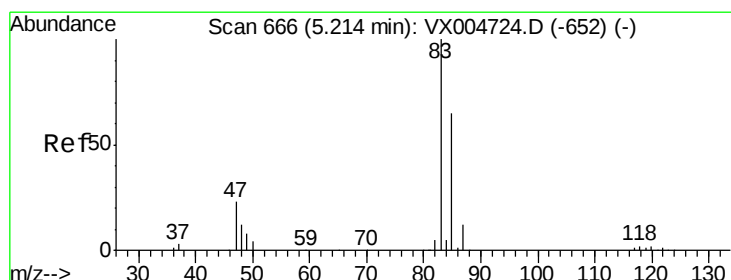
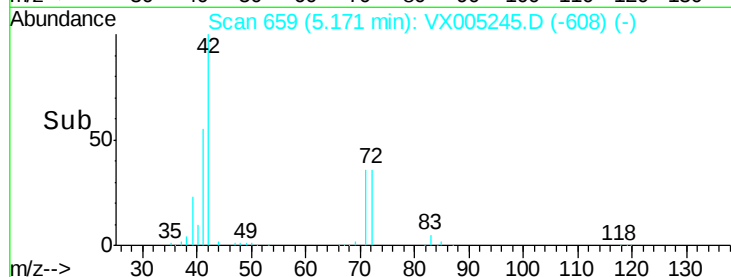
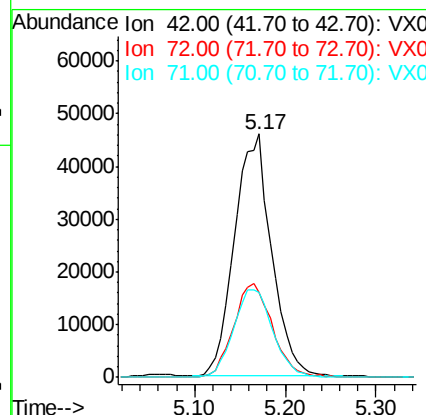
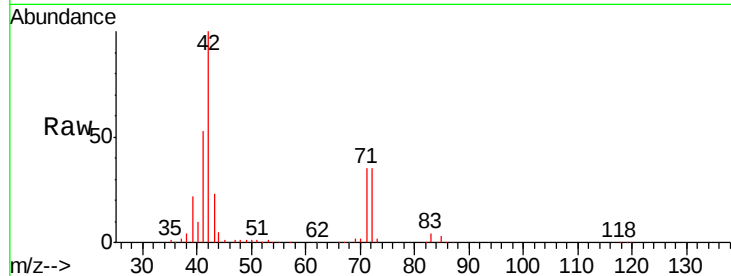
#29
Tetrahydrofuran
Concen: 94.72 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.7	50.5
71	38.6	32.2	48.4

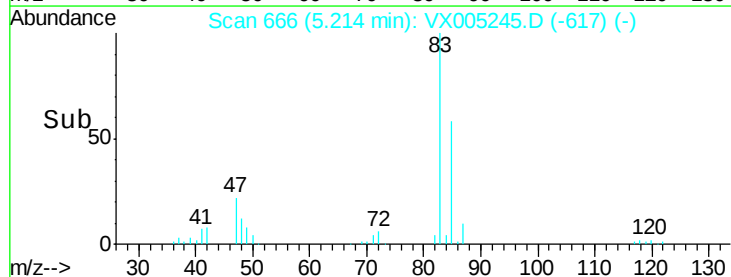
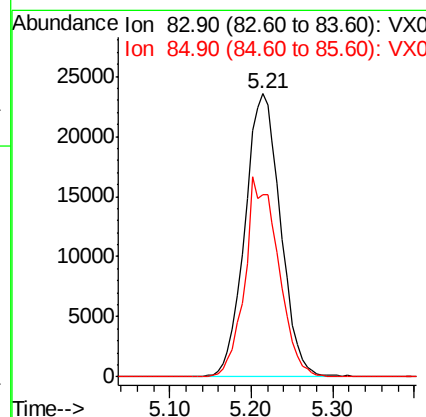
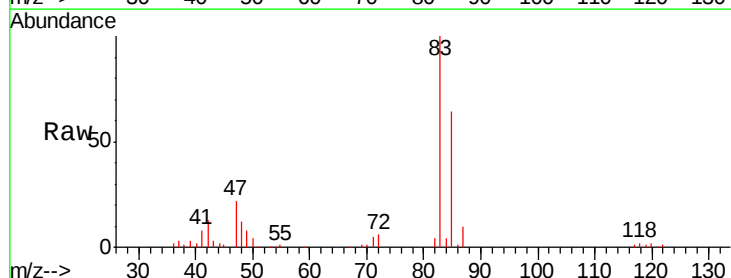
Manual Integrations
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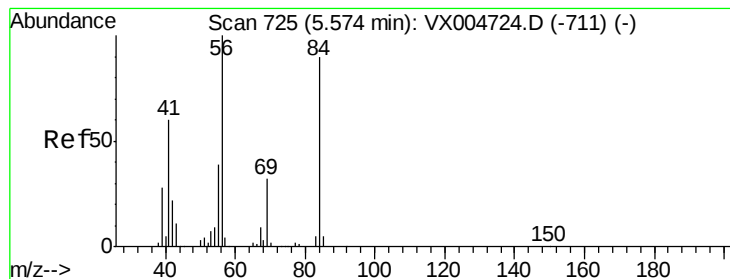
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#30
Chloroform
Concen: 17.60 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.4	78.6





#31

Cyclohexane

Concen: 14.56 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

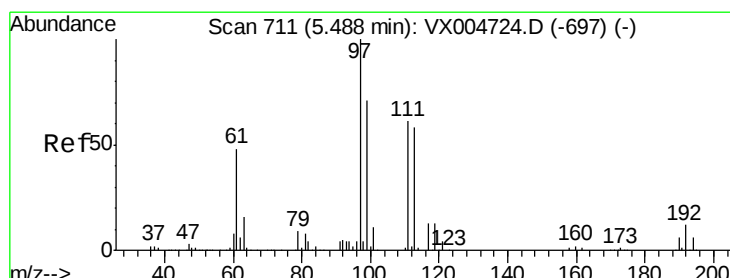
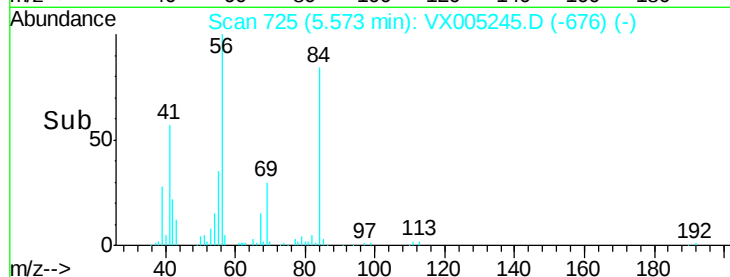
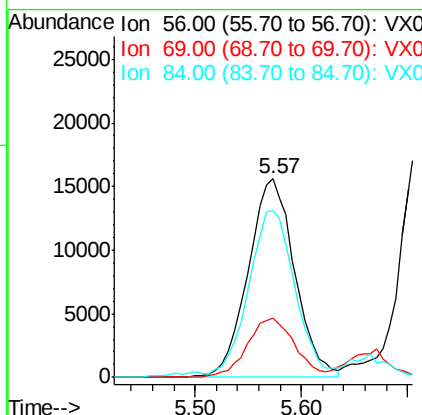
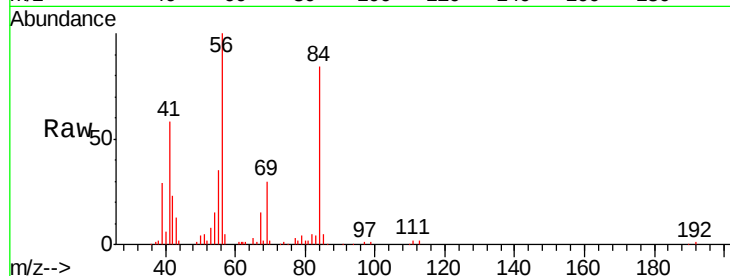
ClientSampleId :

VX1010WBS06

Tgt Ion:	56	Resp:	47666
Ion Ratio	Lower	Upper	
56	100		
69	30.0	25.9	38.9
84	81.7	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 17.00 ug/l

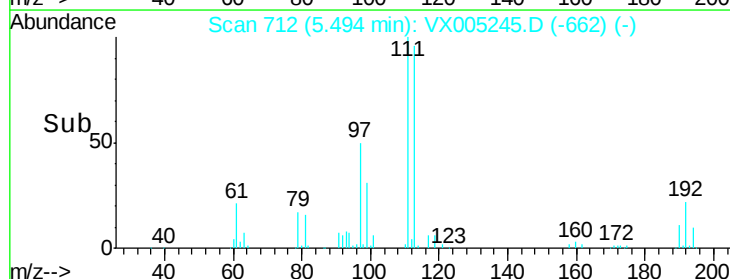
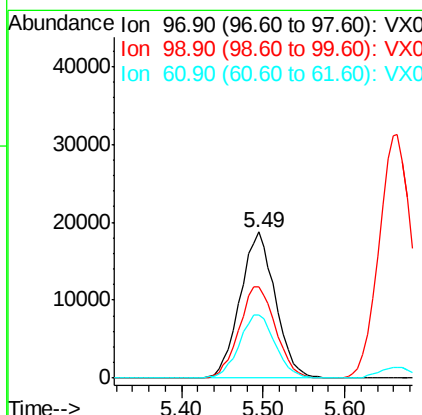
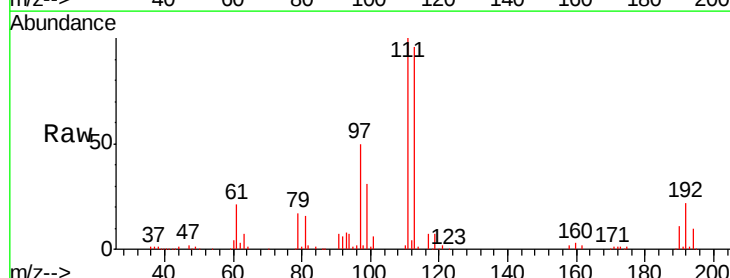
RT: 5.49 min Scan# 712

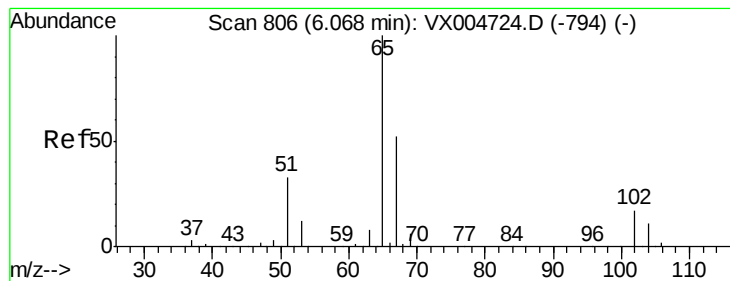
Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	97	Resp:	56122
Ion Ratio	Lower	Upper	
97	100		
99	64.7	54.6	82.0
61	44.4	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 50.71 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 65 Resp: 130492

Ion Ratio Lower Upper

65 100

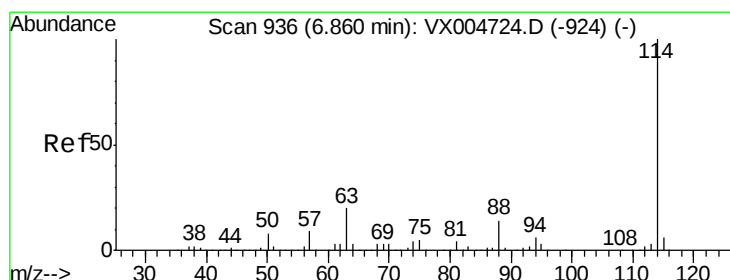
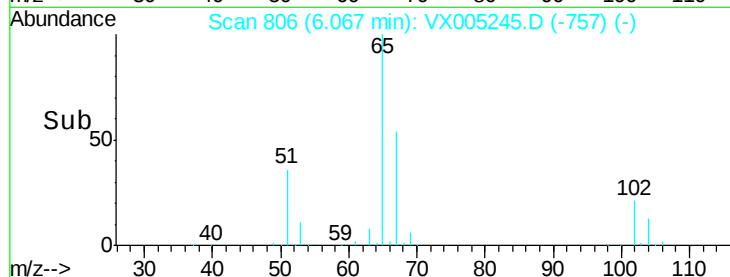
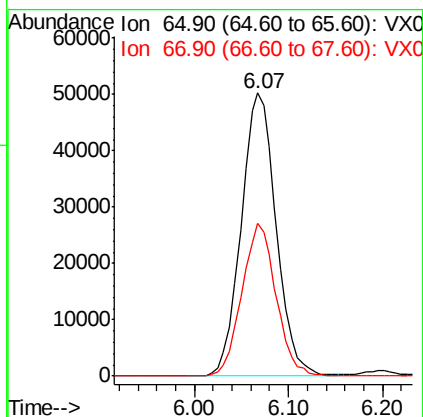
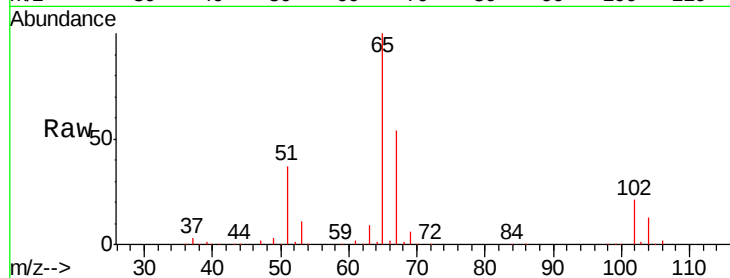
67 52.9 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

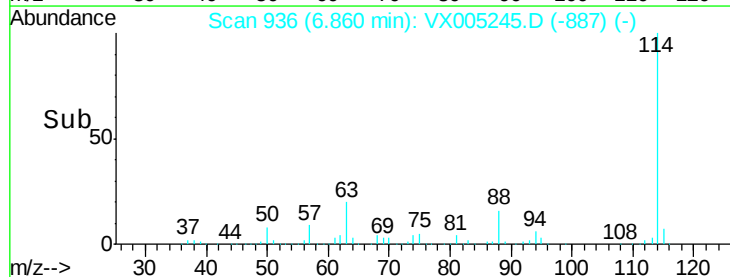
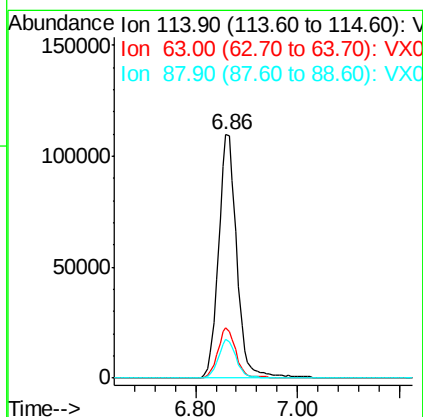
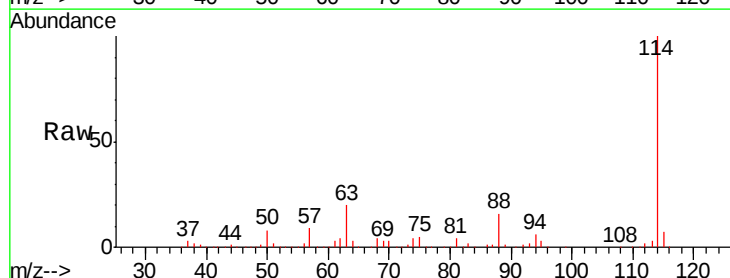
Tgt Ion: 114 Resp: 273866

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 15.9 0.0 27.0





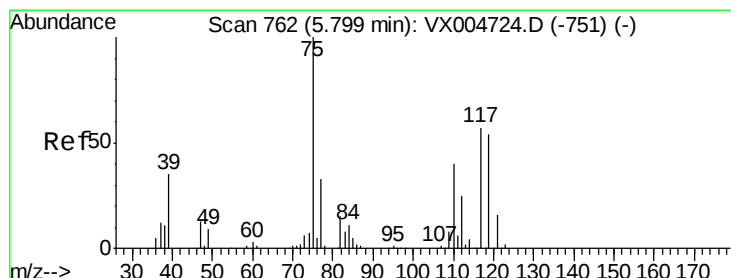
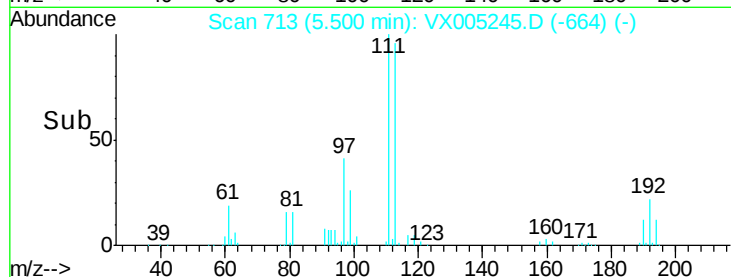
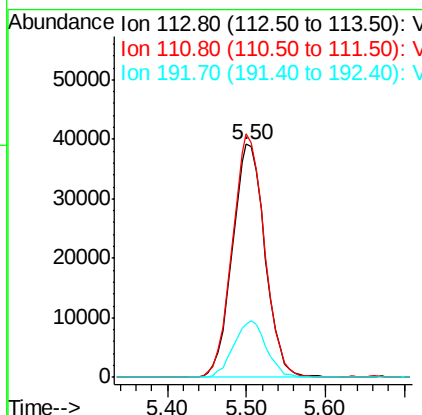
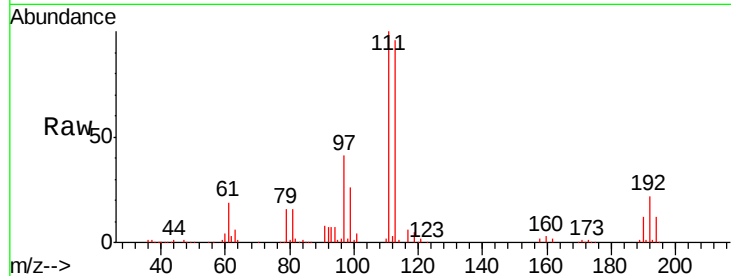
#35
 Dibromofluoromethane
 Concen: 48.43 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	77.0	115.4
192	24.2	17.0	25.6

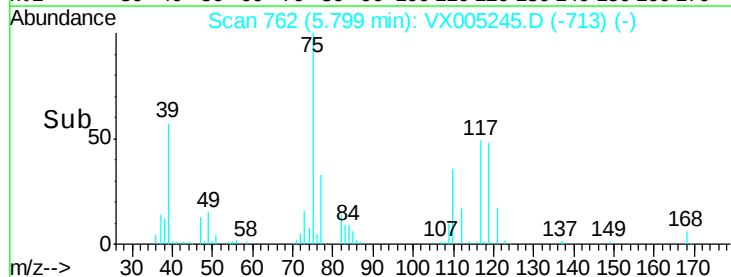
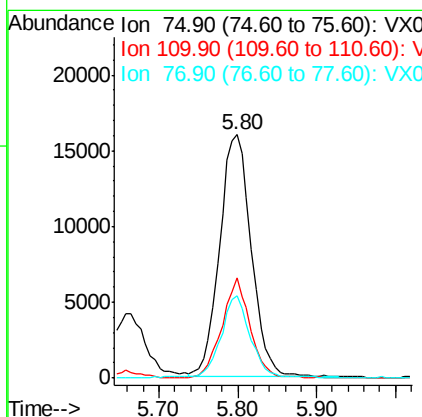
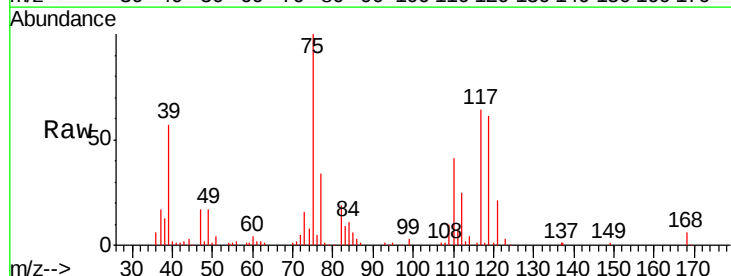
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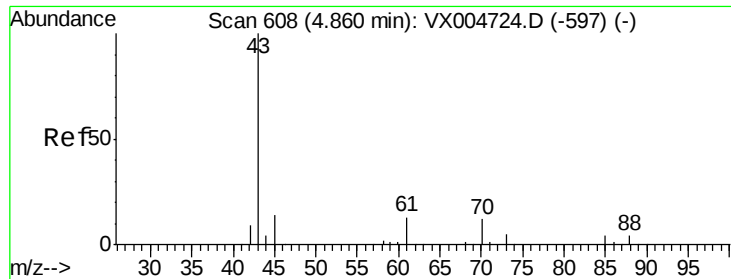
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 14.15 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	20.0	59.9
77	30.0	27.1	40.7





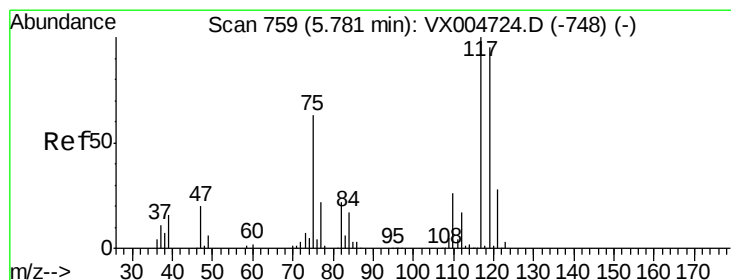
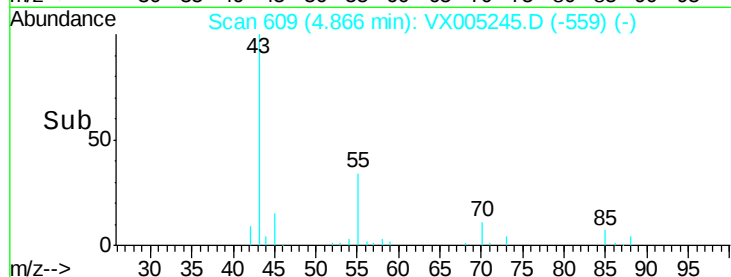
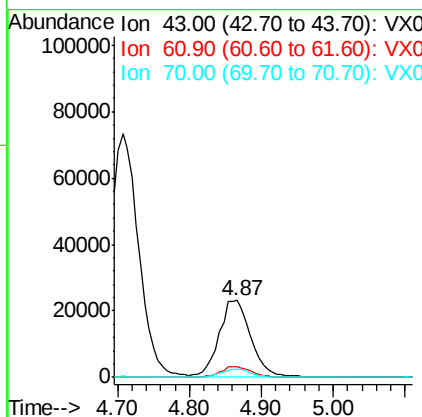
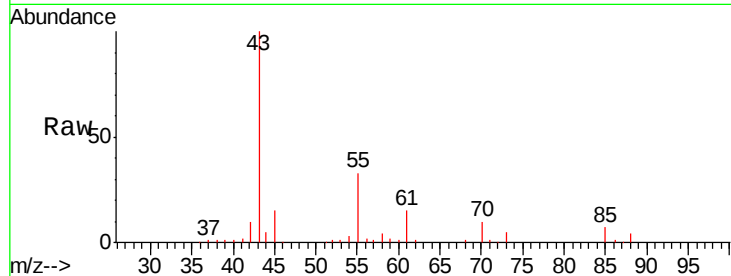
#37
Ethyl Acetate
Concen: 16.83 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.5	8.7	13.1

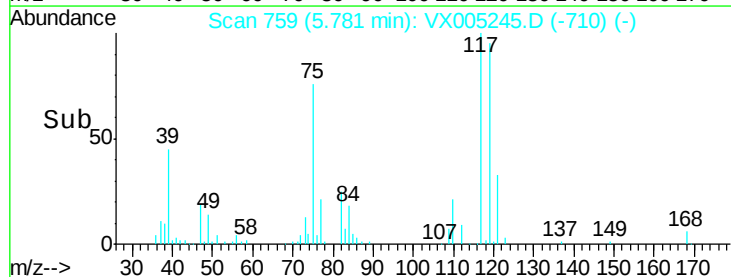
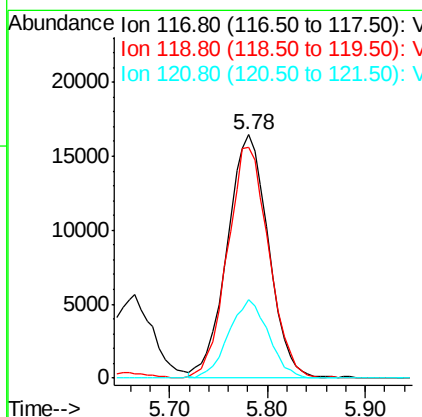
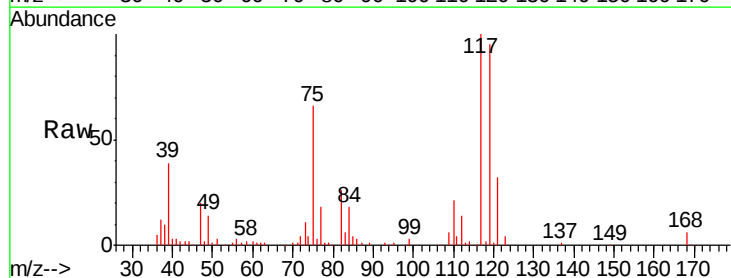
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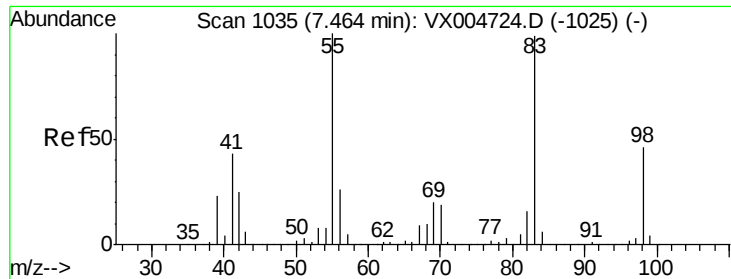
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#38
Carbon Tetrachloride
Concen: 14.46 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.2	112.8
121	32.2	22.5	33.7





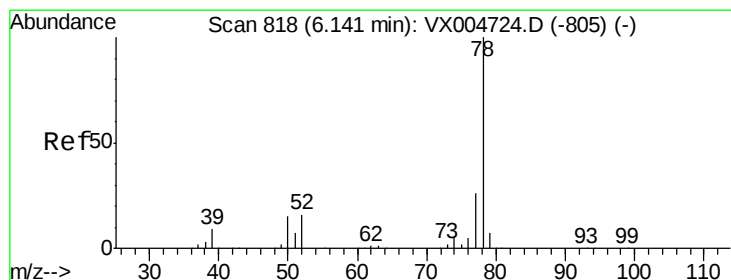
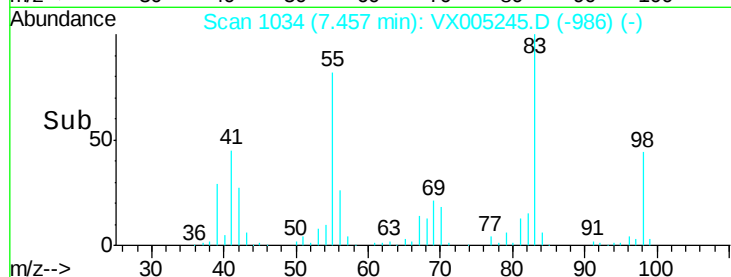
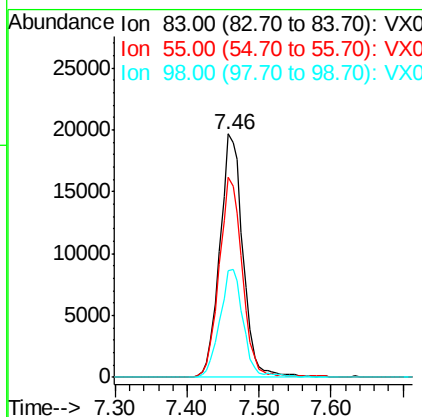
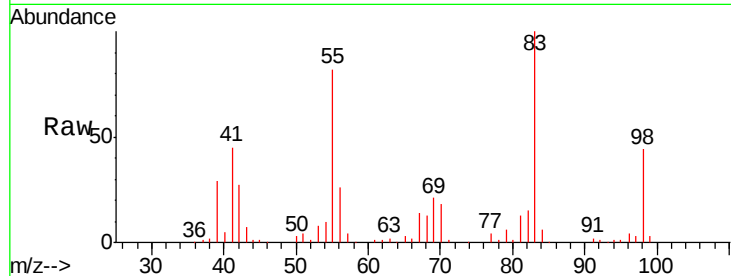
#39
Methylcyclohexane
Concen: 13.67 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.1	81.1	121.7
98	43.8	37.3	55.9

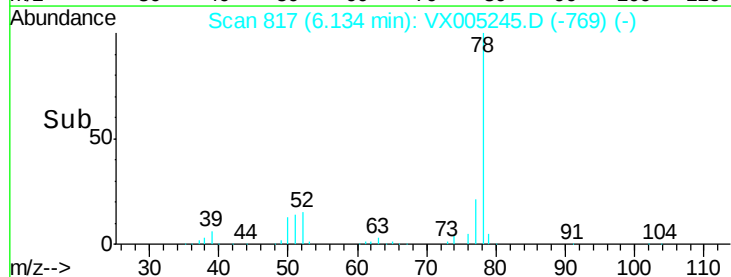
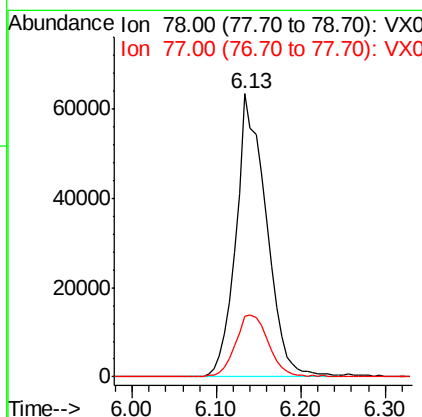
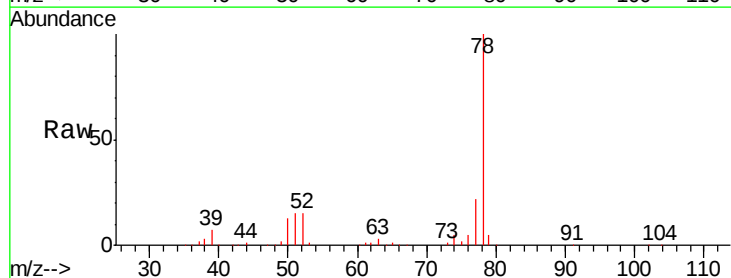
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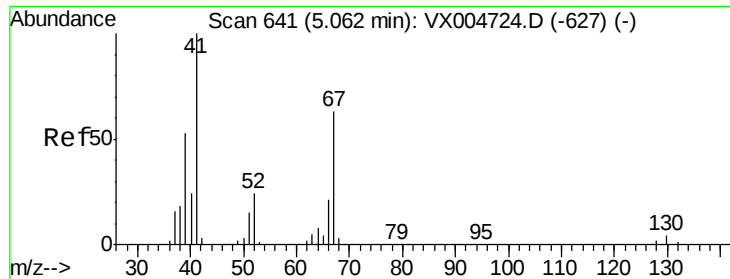
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#40
Benzene
Concen: 15.59 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.6	21.0	31.4





#41

Methacrylonitrile

Concen: 16.61 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

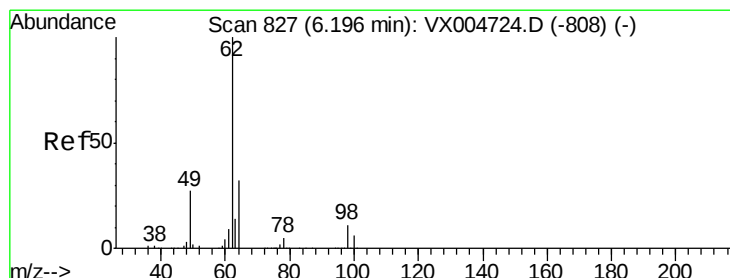
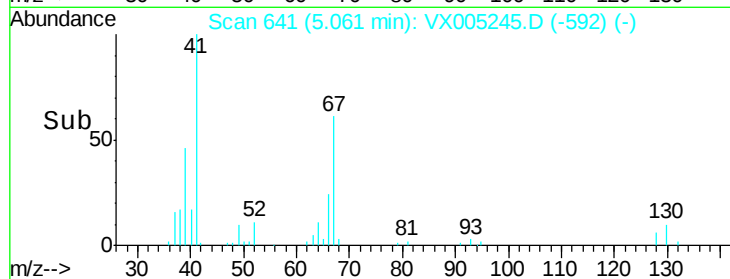
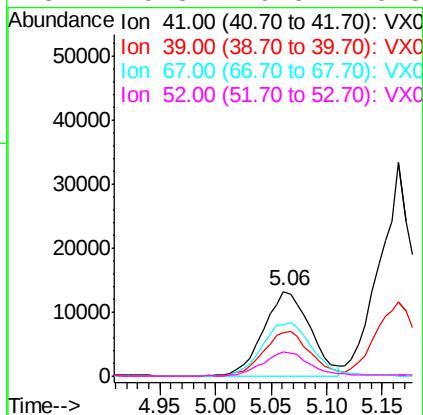
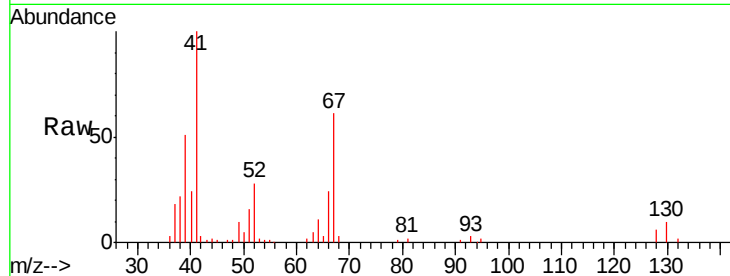
ClientSampleId :

VX1010WBS06

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	42.5	63.7	
67	68.2	53.0	79.6	
52	29.3	19.8	29.8	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 16.77 ug/l

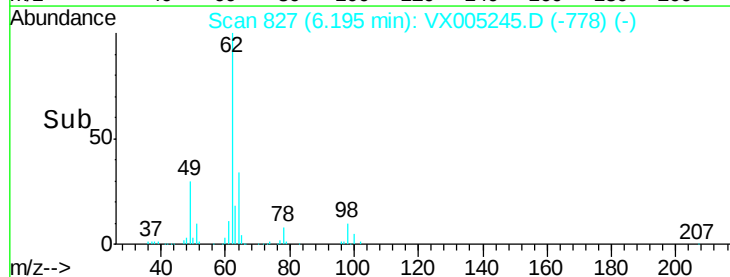
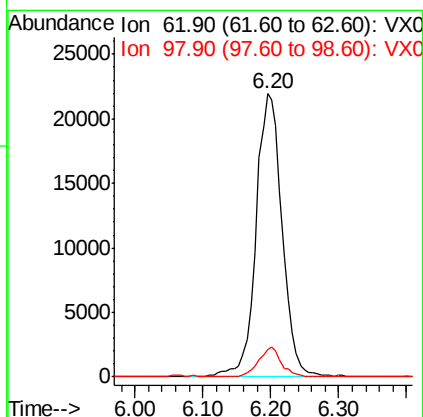
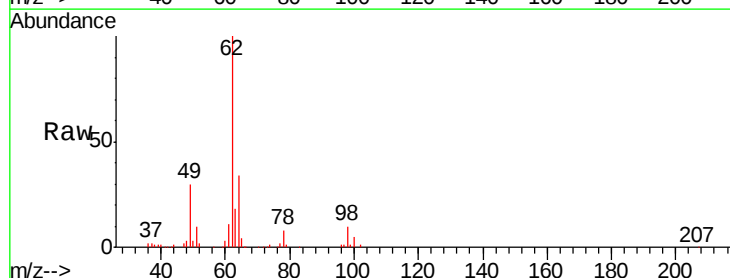
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.2	





#43

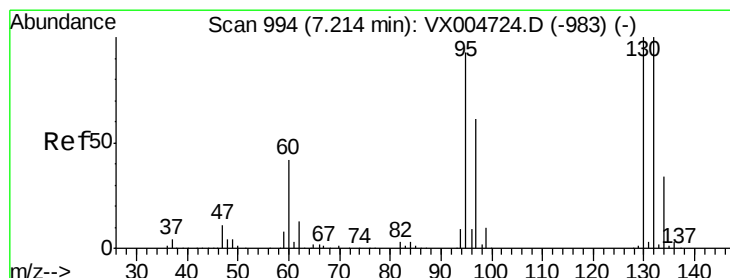
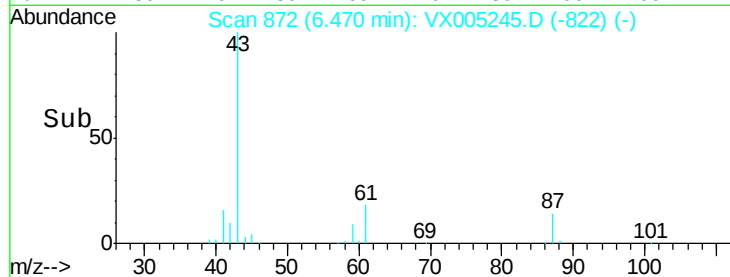
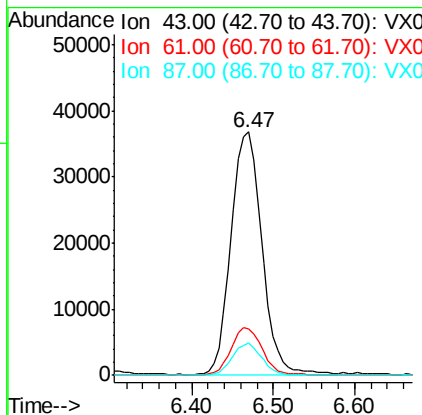
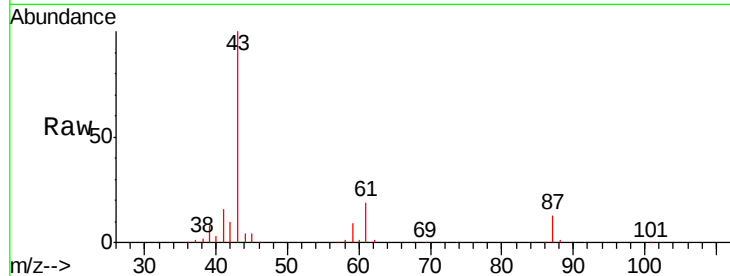
Isopropyl Acetate
 Concen: 15.81 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.2	21.4
87	12.7	9.3	13.9

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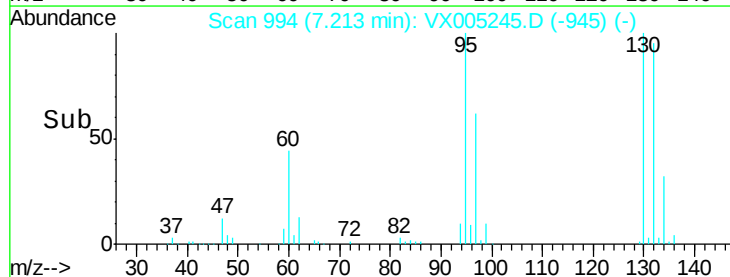
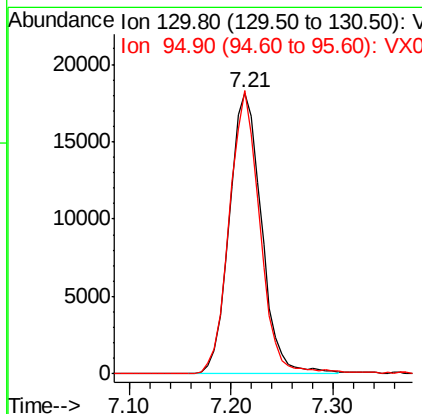
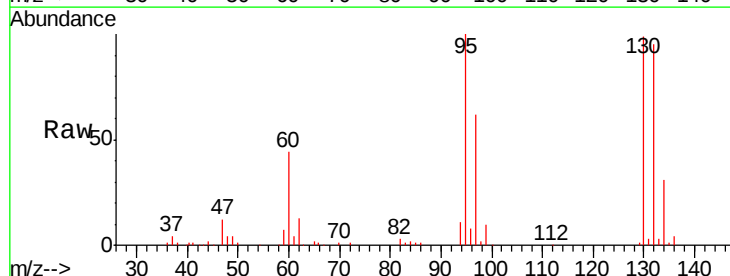
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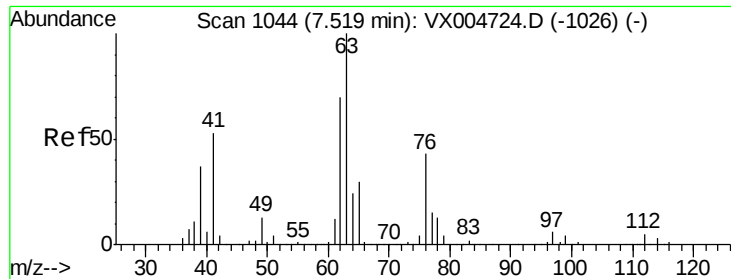


#44

Trichloroethene
 Concen: 16.25 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	186.8





#45

1,2-Dichloropropane

Concen: 17.33 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 63 Resp: 42132

Ion Ratio Lower Upper

63 100

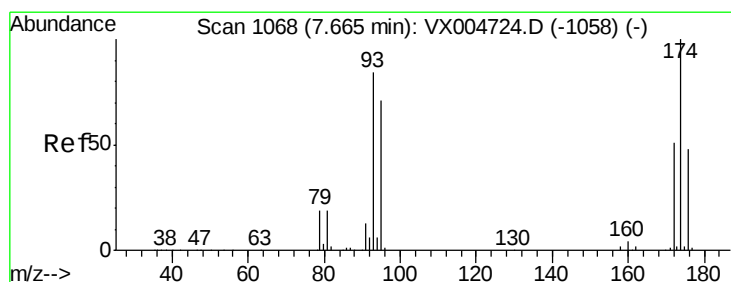
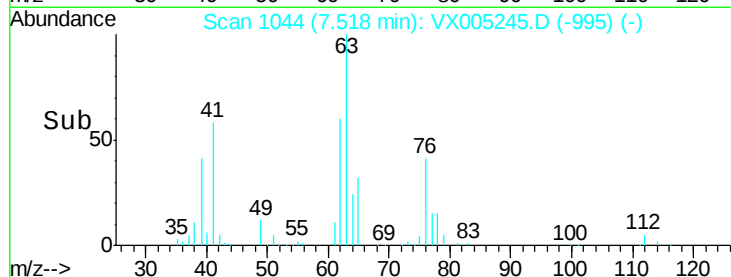
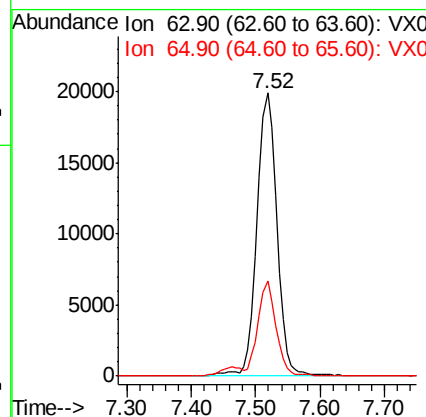
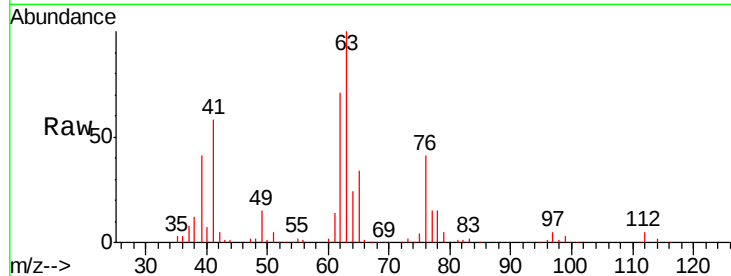
65 33.6 23.9 35.9

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#46

Dibromomethane

Concen: 18.00 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

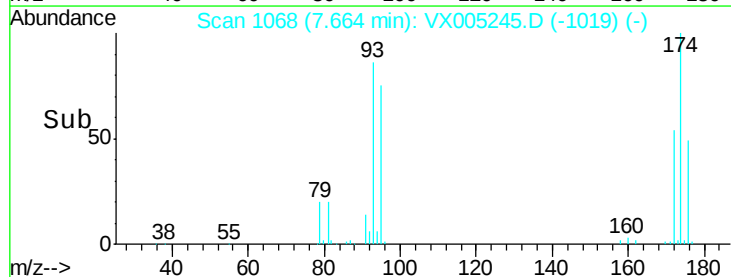
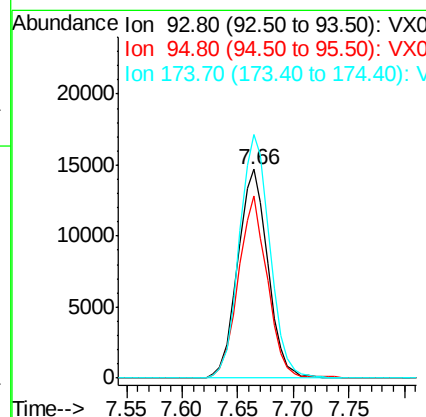
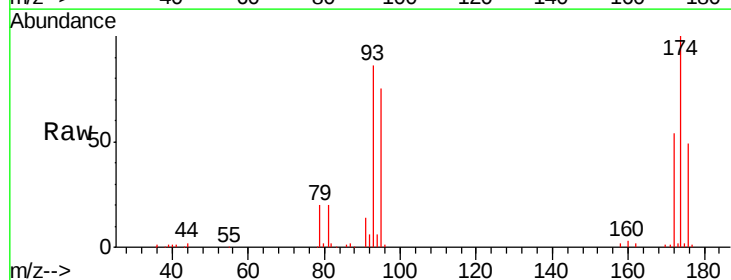
Tgt Ion: 93 Resp: 27497

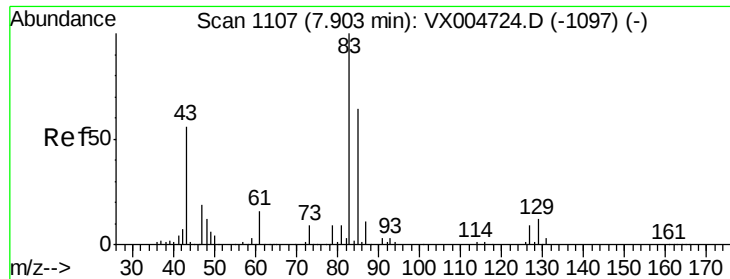
Ion Ratio Lower Upper

93 100

95 84.3 66.7 100.1

174 118.1 92.7 139.1





#47

Bromodichloromethane

Concen: 17.98 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

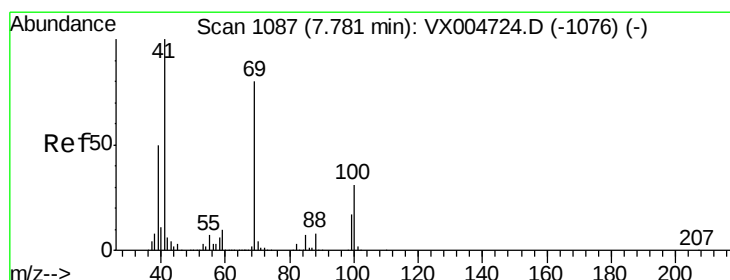
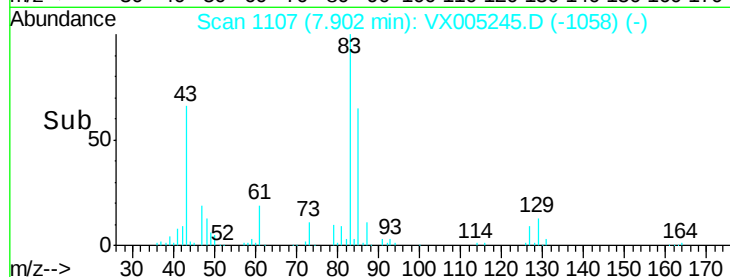
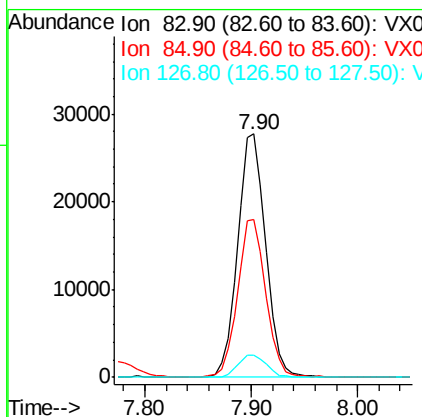
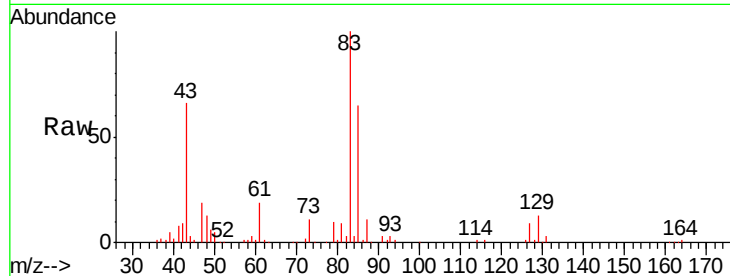
ClientSampleId :

VX1010WBS06

Tgt Ion:	83	Resp:	51424
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	8.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.71 ug/l

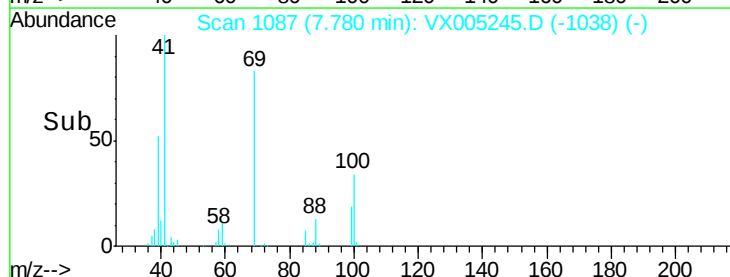
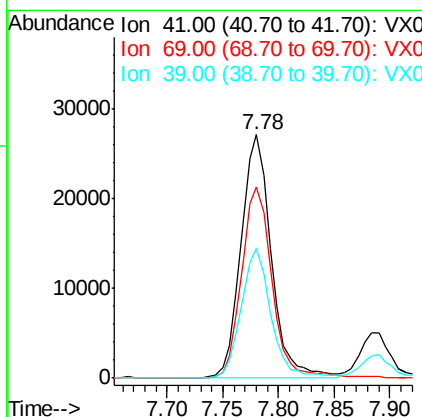
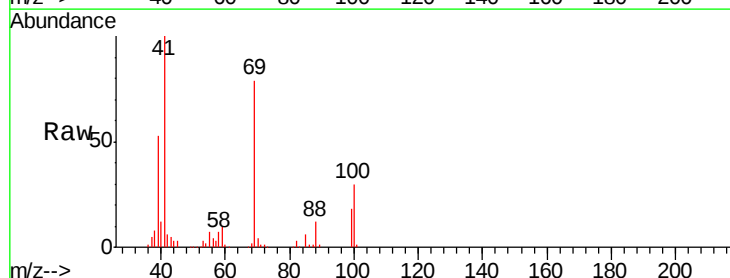
RT: 7.78 min Scan# 1087

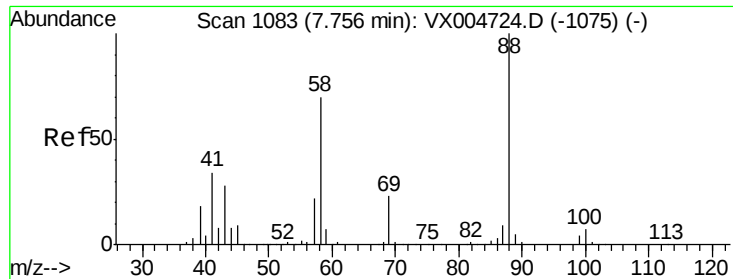
Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	41	Resp:	51525
Ion	Ratio	Lower	Upper
41	100		
69	79.4	63.8	95.6
39	52.6	40.7	61.1





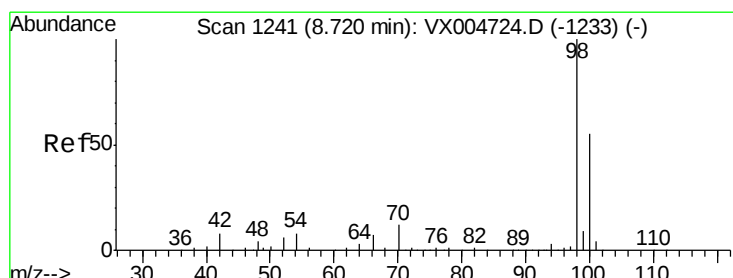
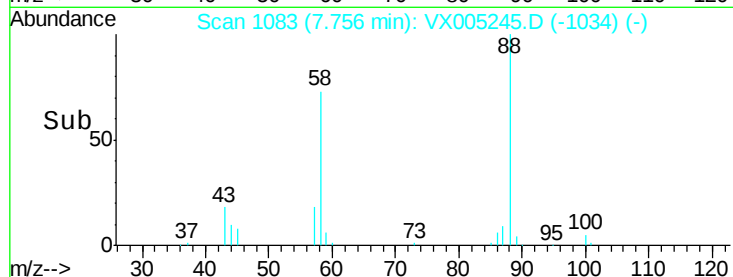
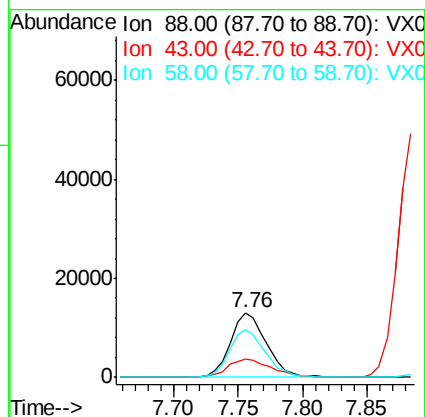
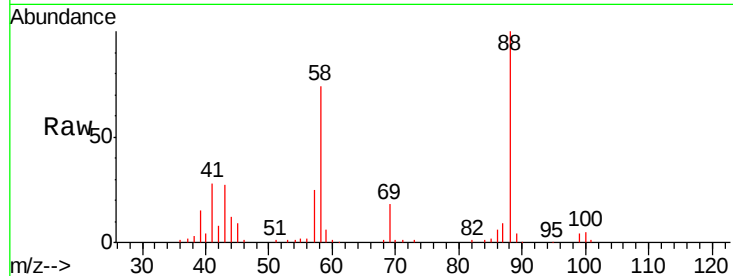
#49
1,4-Dioxane
Concen: 371.74 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.2	25.1	37.7
58	75.3	56.2	84.2

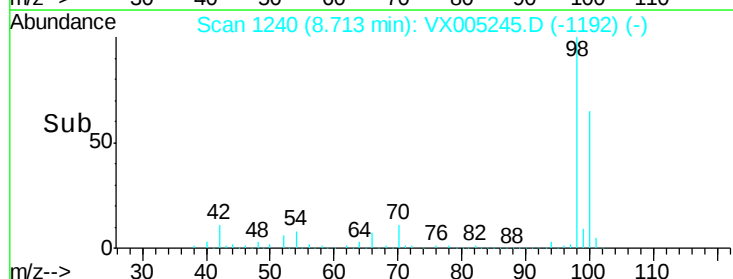
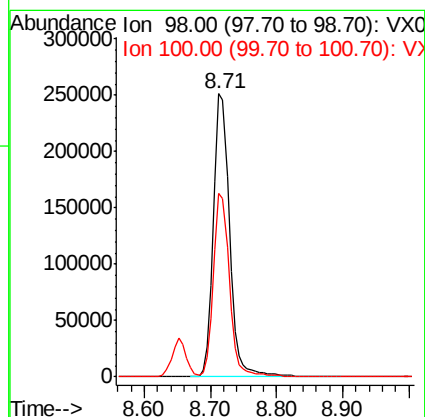
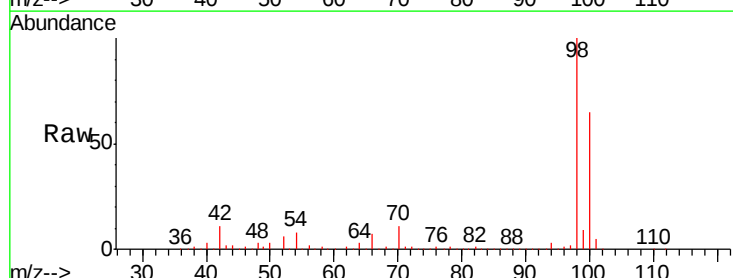
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#50
Toluene-d8
Concen: 55.21 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9





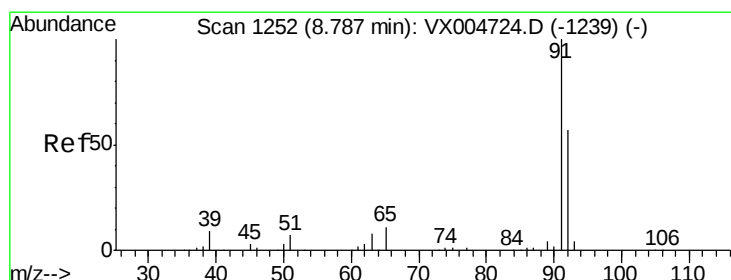
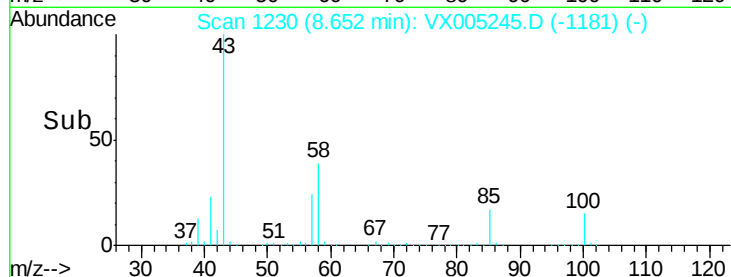
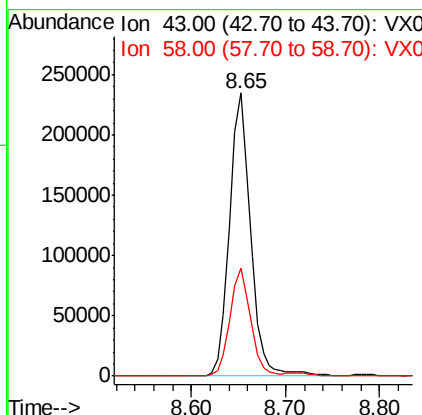
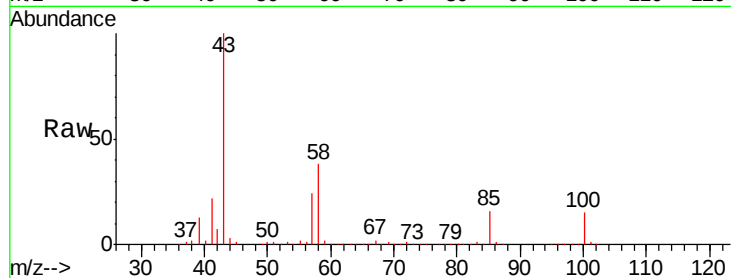
#51
4-Methyl-2-Pentanone
Concen: 96.47 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 43 Resp: 368550
Ion Ratio Lower Upper
43 100
58 37.0 30.5 45.7

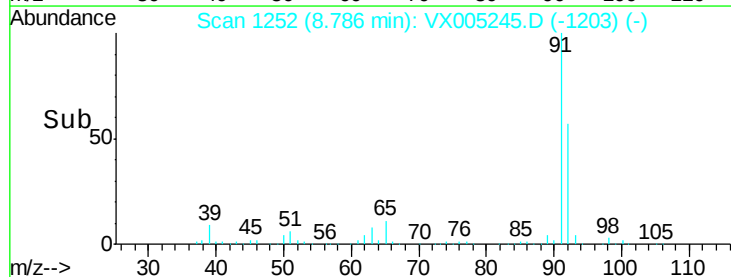
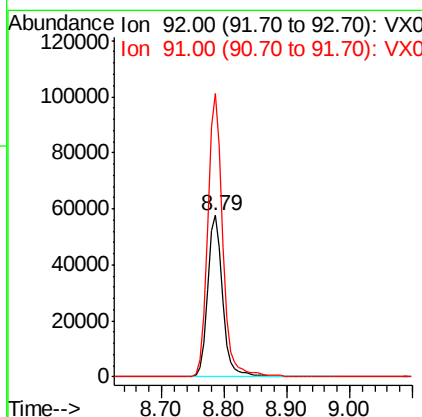
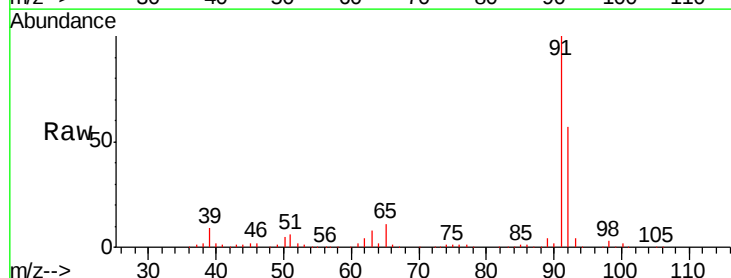
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#52
Toluene
Concen: 17.52 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 92 Resp: 95441
Ion Ratio Lower Upper
92 100
91 174.3 136.7 205.1





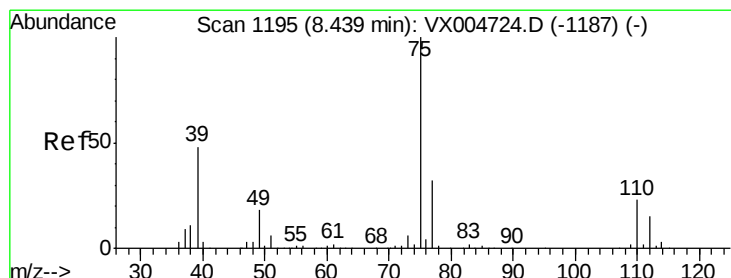
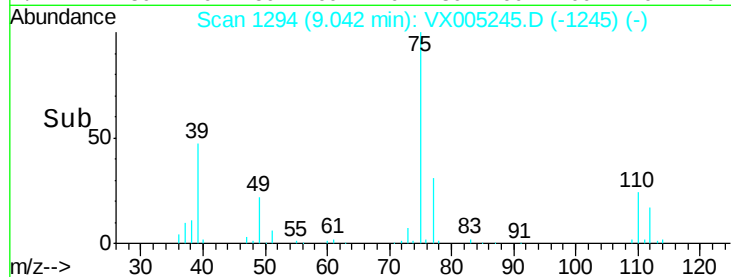
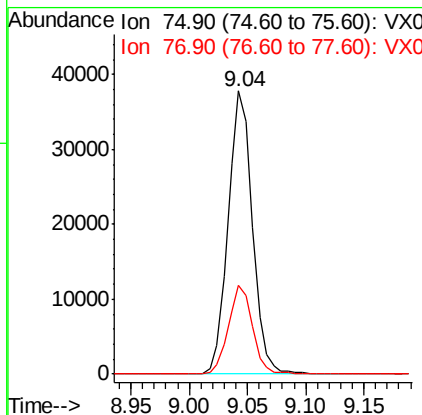
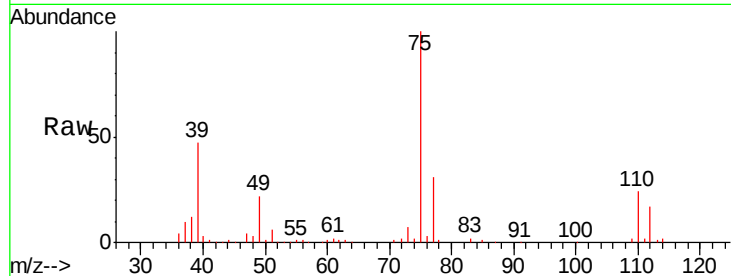
#53
t-1,3-Dichloropropene
Concen: 16.97 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 75 Resp: 54867
Ion Ratio Lower Upper
75 100
77 31.3 28.9 43.3

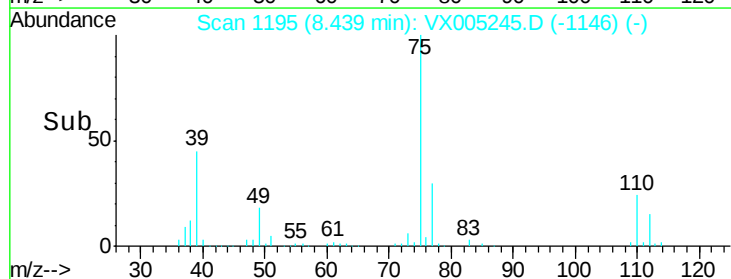
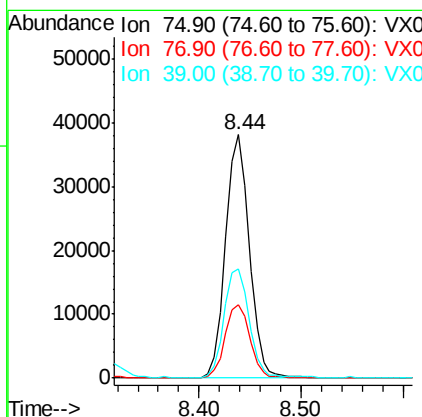
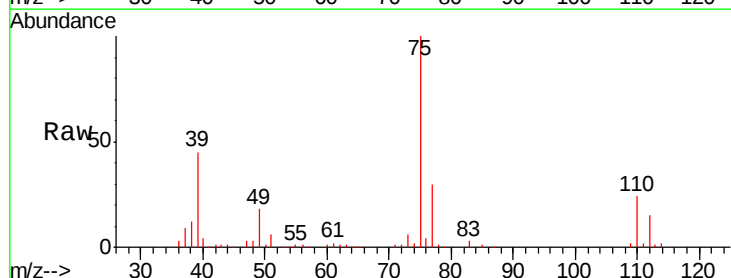
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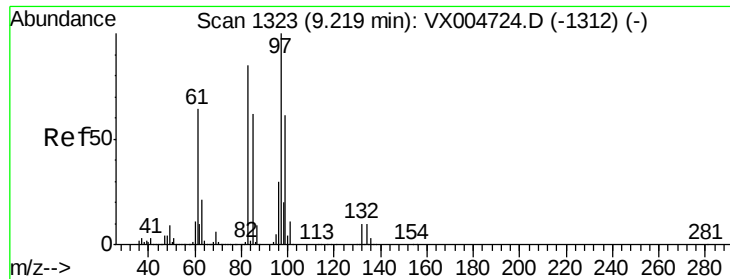
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#54
cis-1,3-Dichloropropene
Concen: 18.21 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 75 Resp: 61655
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5
39 44.7 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 17.75 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

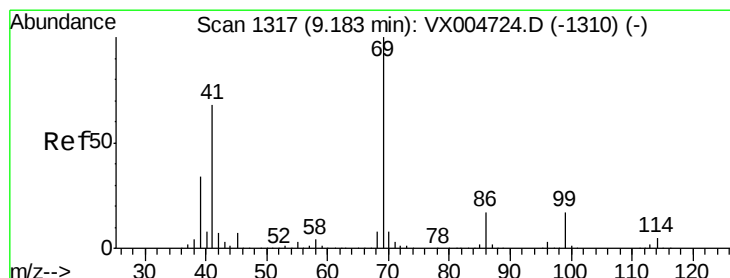
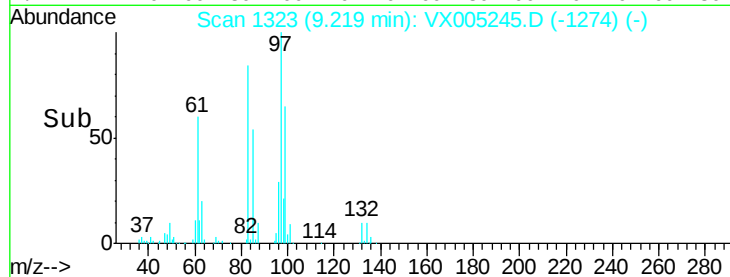
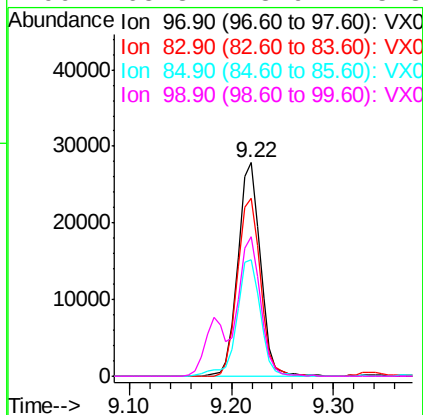
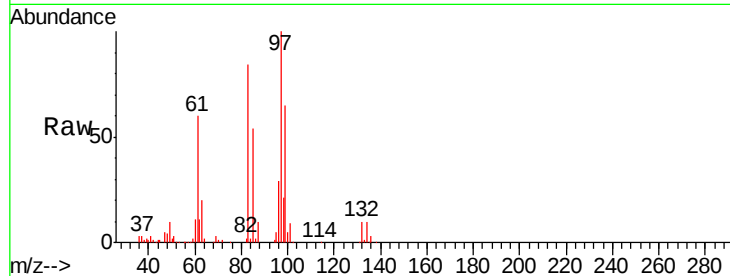
ClientSampleId :

VX1010WBS06

Tgt Ion:	97	Resp:	42354
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.2
85	54.3	49.9	74.9
99	65.3	48.9	73.3

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#56

Ethyl methacrylate

Concen: 17.08 ug/l

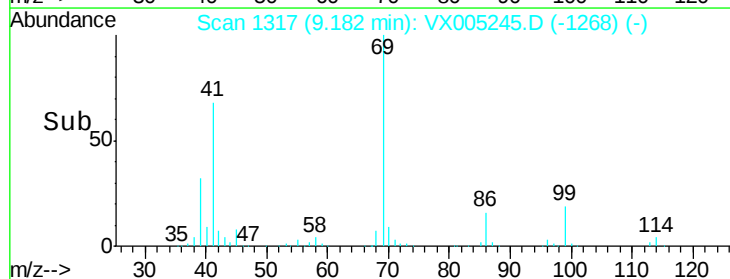
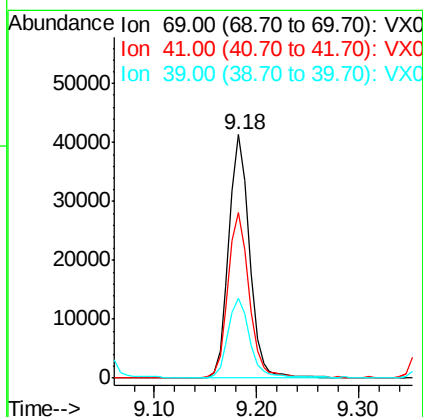
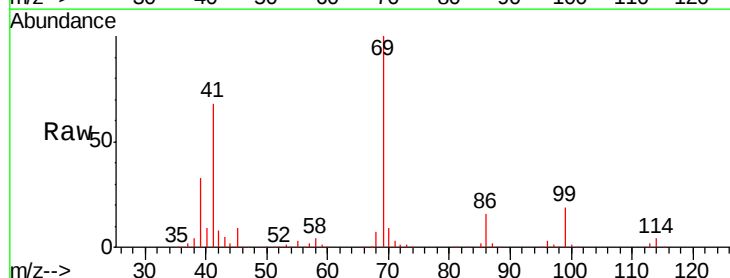
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	69	Resp:	58393
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.9	85.3
39	34.7	28.4	42.6





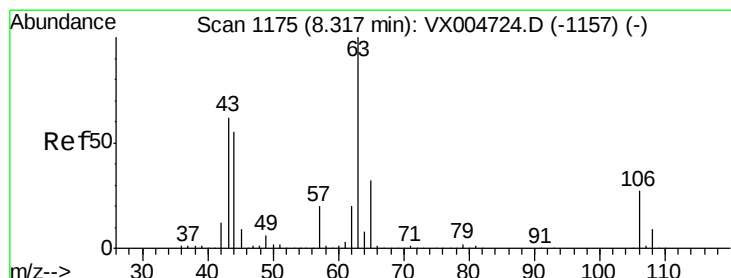
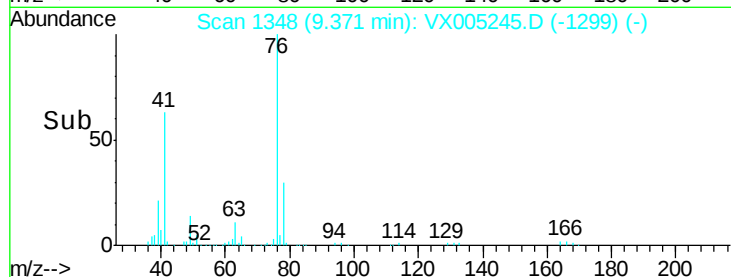
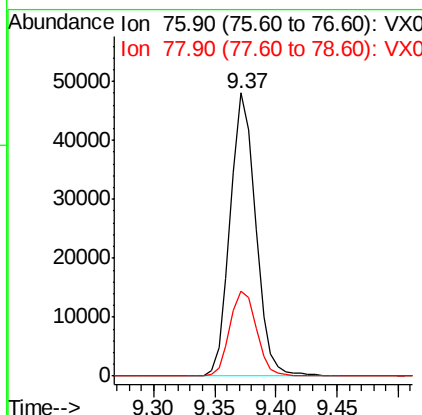
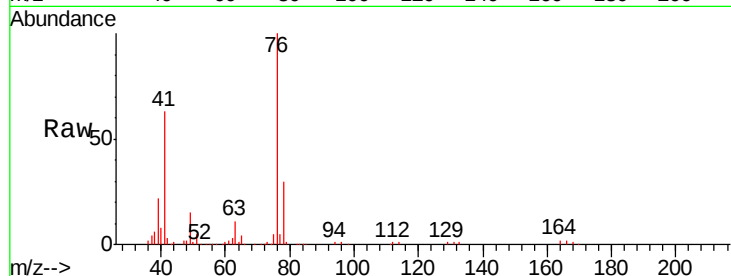
#57
 1,3-Dichloropropane
 Concen: 17.50 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion: 76 Resp: 69504
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.6 40.0

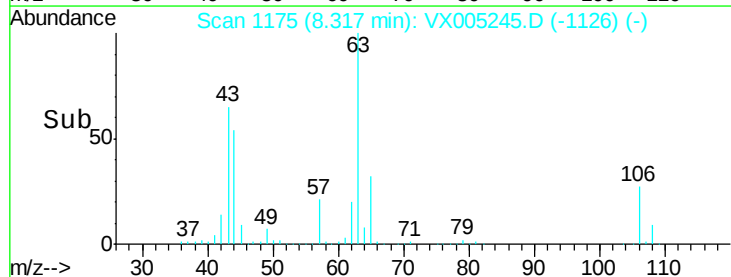
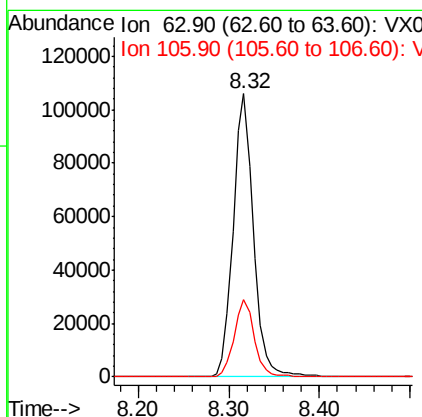
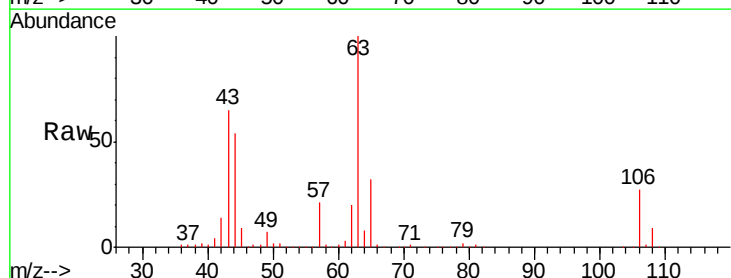
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.40 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion: 63 Resp: 163870
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.0 31.6





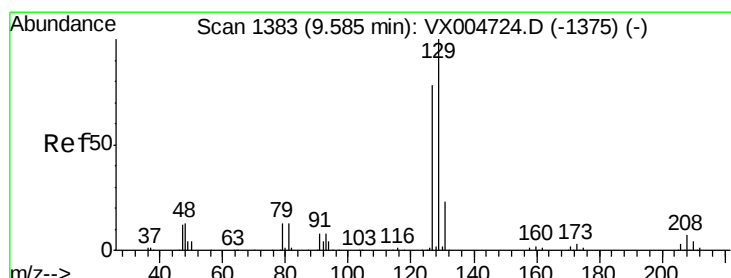
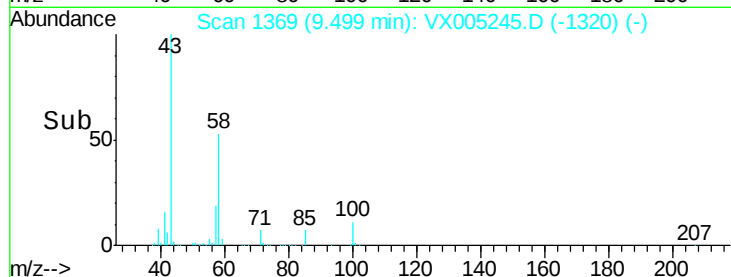
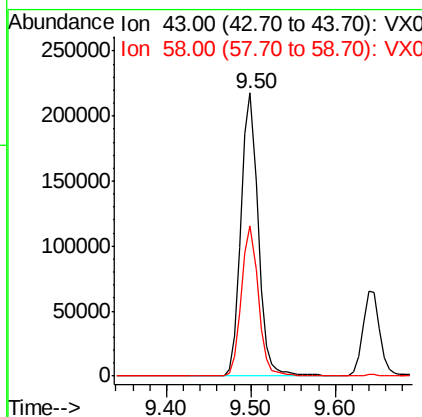
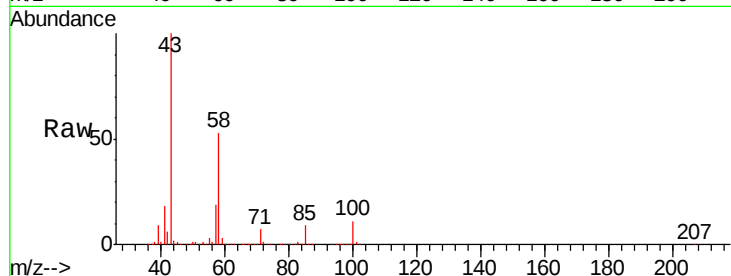
#59
2-Hexanone
Concen: 93.54 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 43 Resp: 297767
Ion Ratio Lower Upper
43 100
58 52.0 28.4 85.3

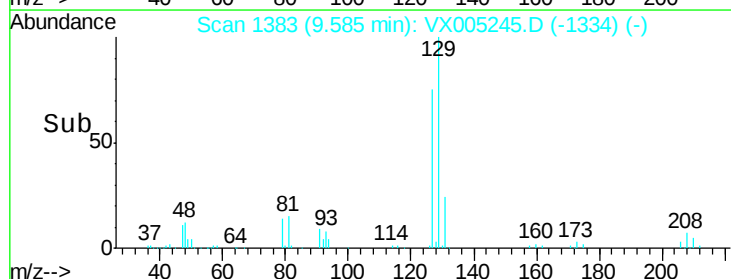
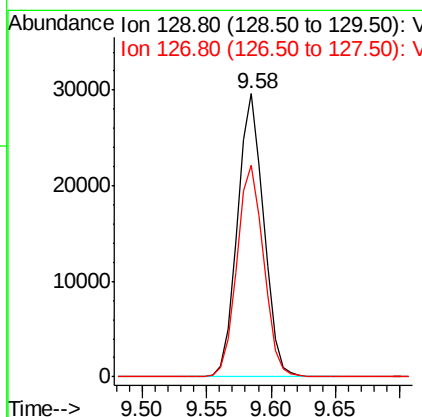
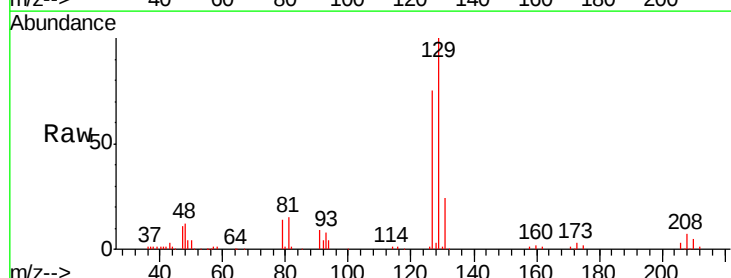
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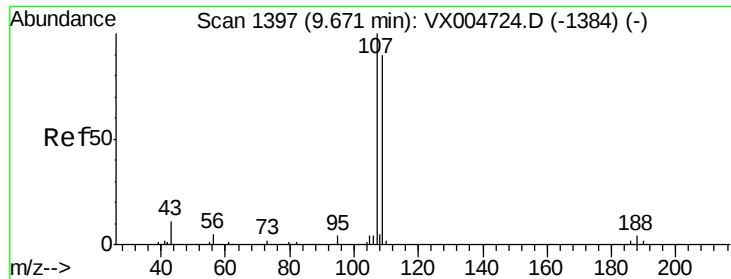
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#60
Dibromochloromethane
Concen: 17.59 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 129 Resp: 41977
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.86 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 107 Resp: 43098

Ion Ratio Lower Upper

107 100

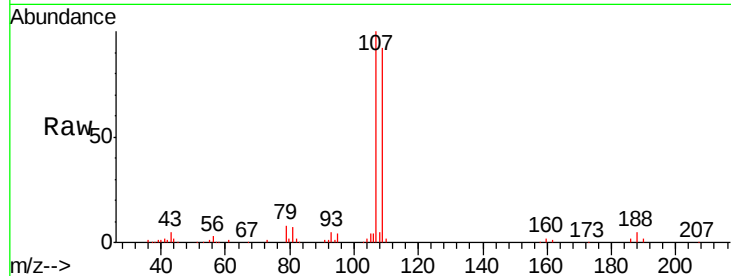
109 94.5 72.1 108.1

Manual Integrations

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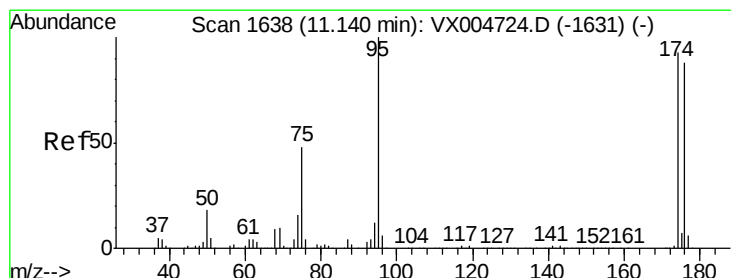
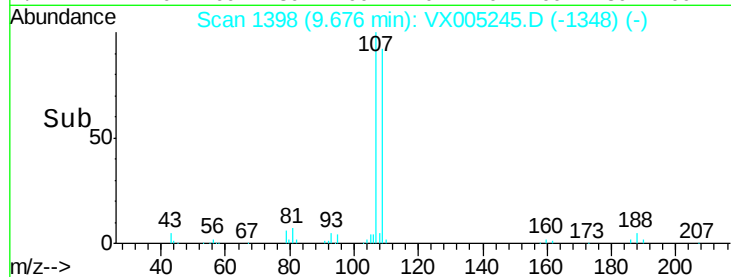
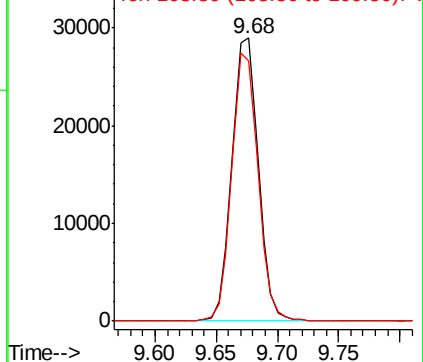
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 59.43 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

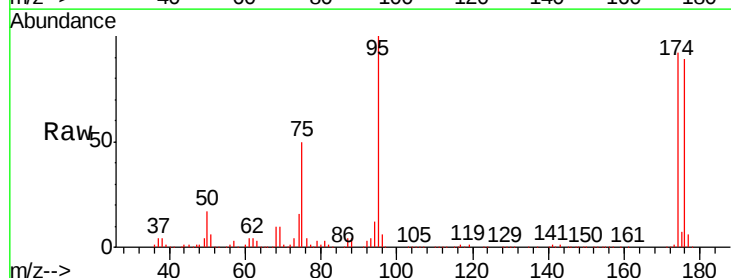
Tgt Ion: 95 Resp: 165195

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

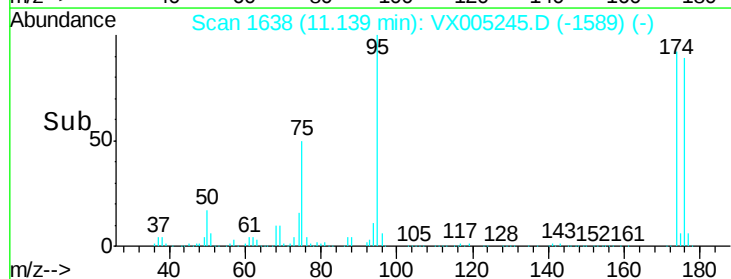
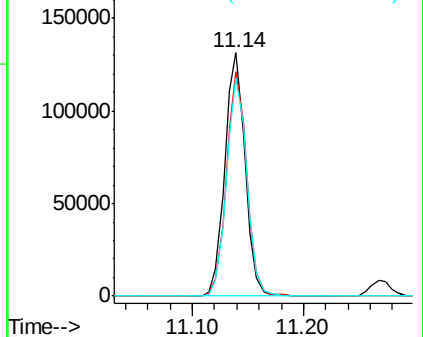
176 90.0 0.0 180.2

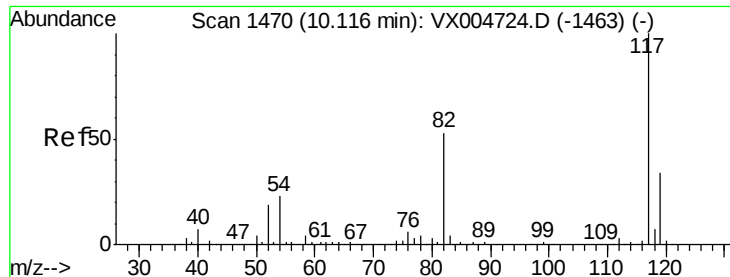


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

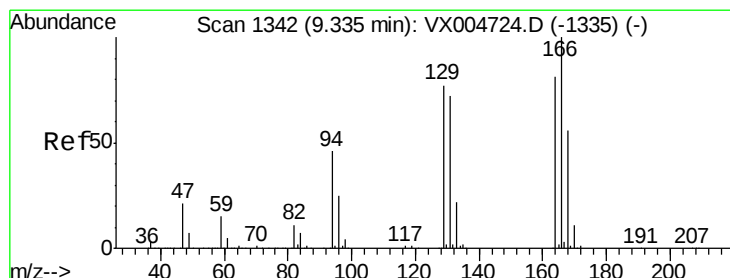
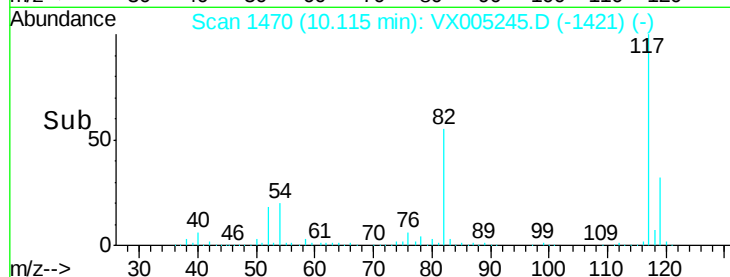
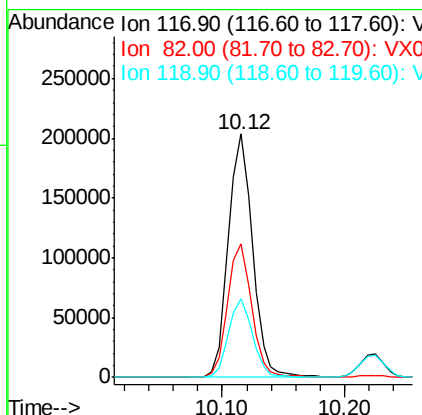
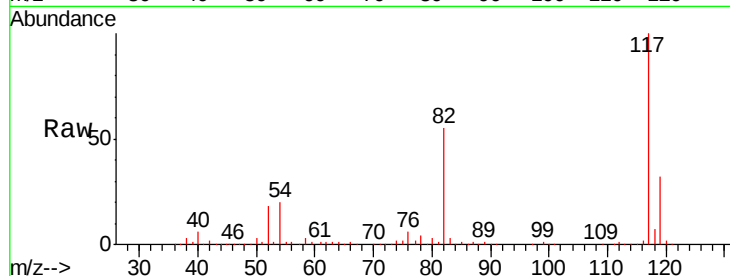
ClientSampleId :

VX1010WBS06

Tgt Ion:	117	Resp:	280924
Ion Ratio	Lower	Upper	
117	100		
82	55.0	42.2	63.4
119	32.2	27.4	41.0

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#64

Tetrachloroethene

Concen: 14.19 ug/l

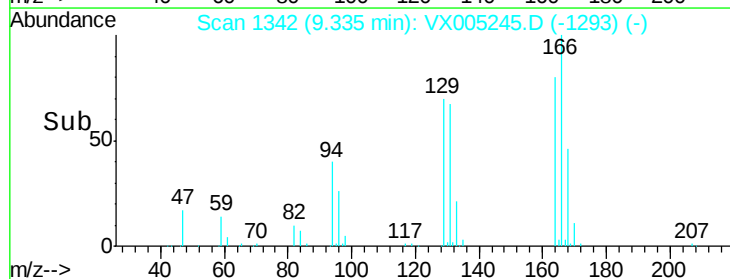
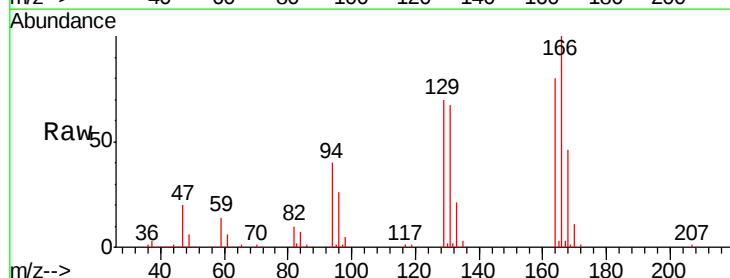
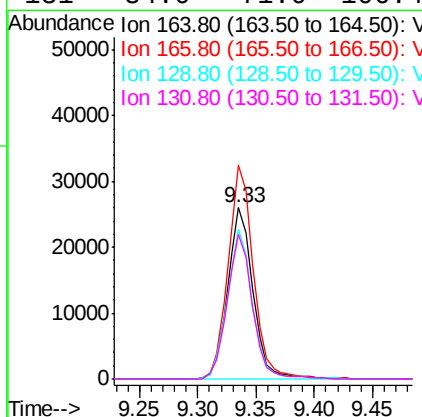
RT: 9.33 min Scan# 1342

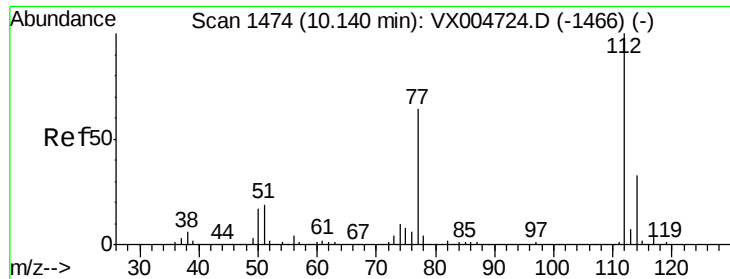
Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	164	Resp:	39234
Ion Ratio	Lower	Upper	
164	100		
166	124.6	98.4	147.6
129	87.1	76.1	114.1
131	84.0	71.0	106.4





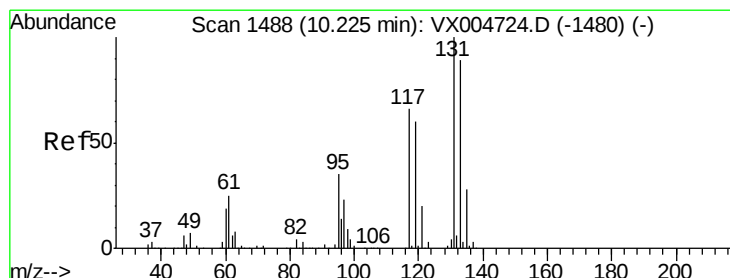
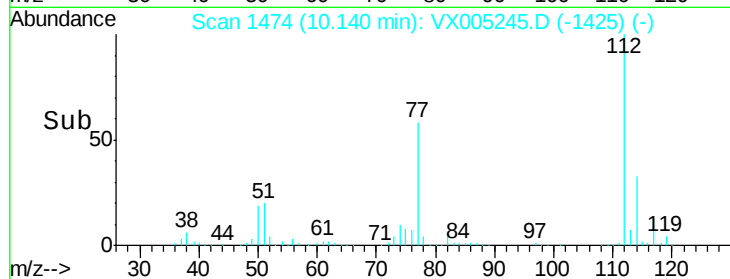
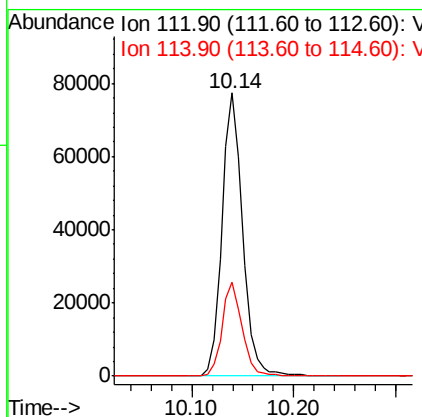
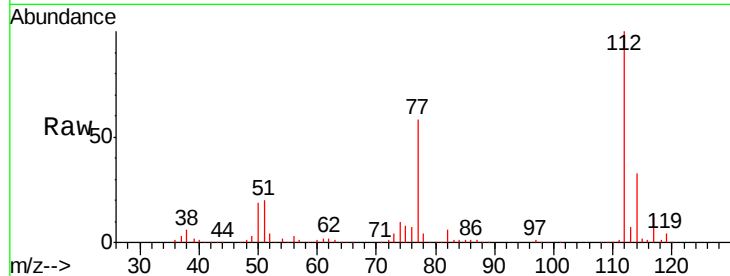
#65
Chlorobenzene
Concen: 15.12 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion:112 Resp: 108926
Ion Ratio Lower Upper
112 100
114 33.2 26.7 40.1

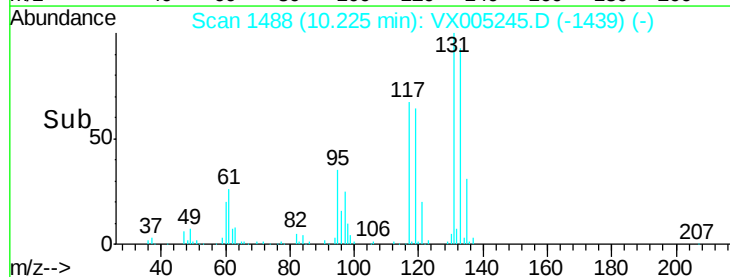
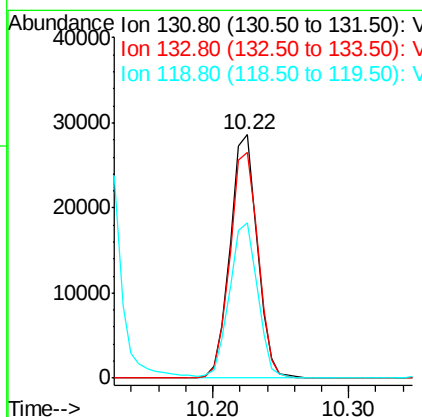
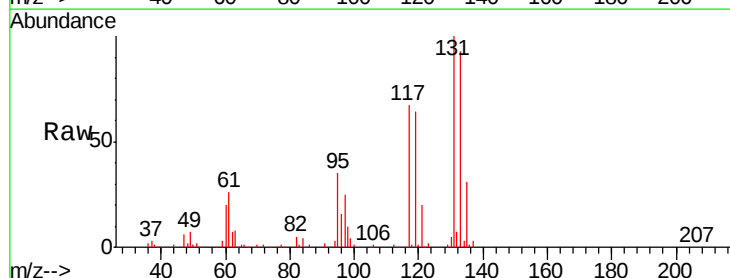
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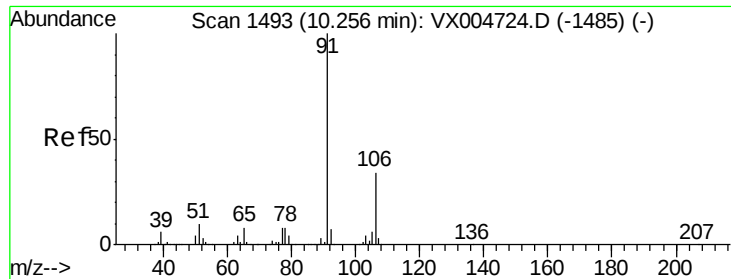
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 15.75 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion:131 Resp: 39882
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 65.9 32.3 96.8





#67

Ethyl Benzene

Concen: 14.84 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 91 Resp: 169678

Ion Ratio Lower Upper

91 100

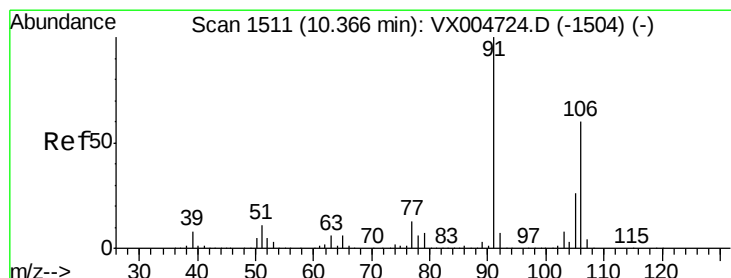
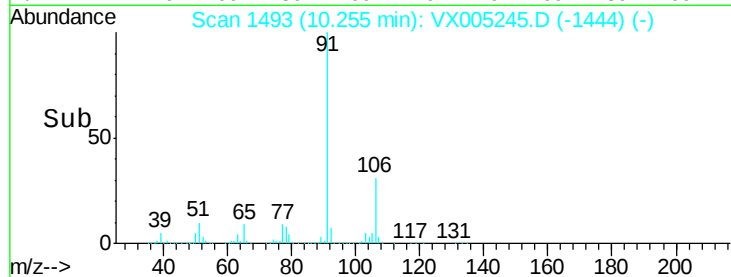
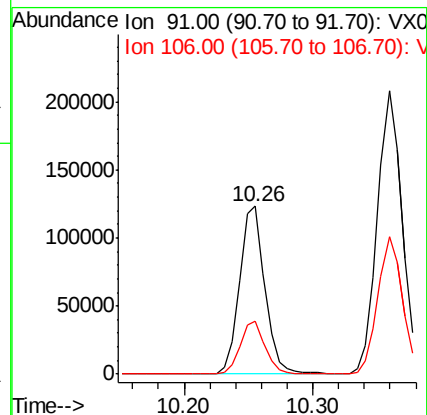
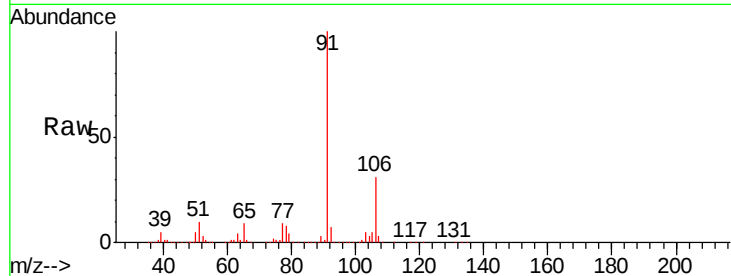
106 31.3 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 30.40 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005245.D

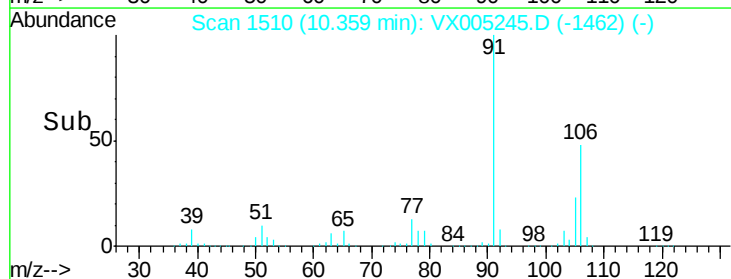
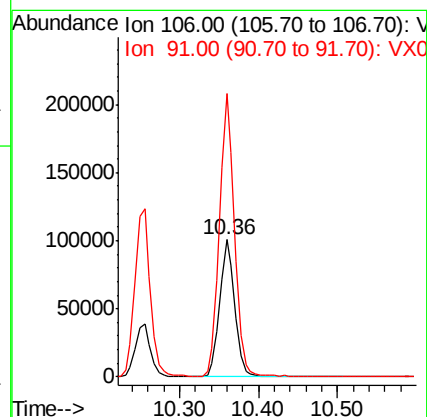
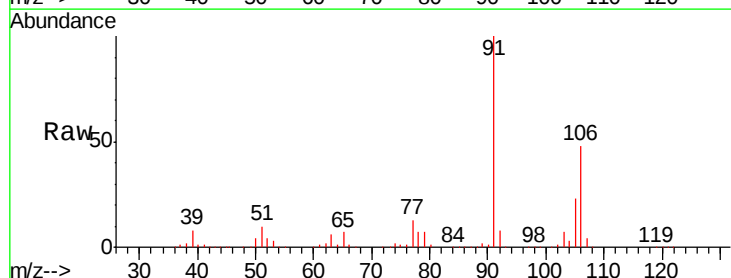
Acq: 11 Oct 2018 10:20

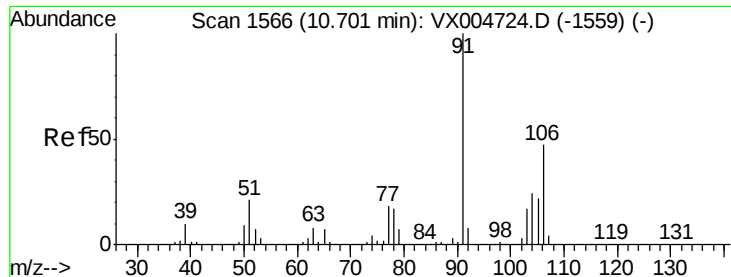
Tgt Ion: 106 Resp: 135860

Ion Ratio Lower Upper

106 100

91 205.0 157.5 236.3





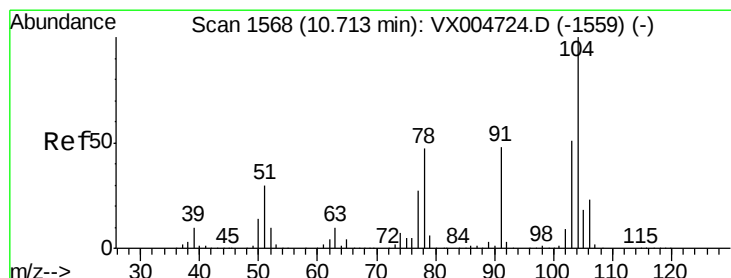
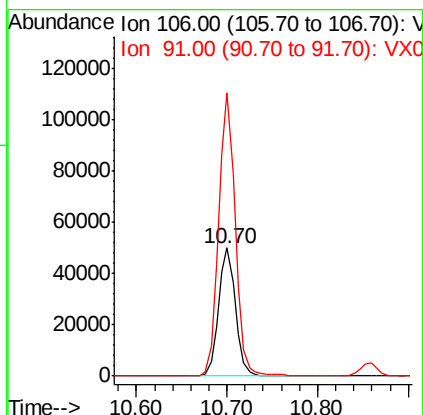
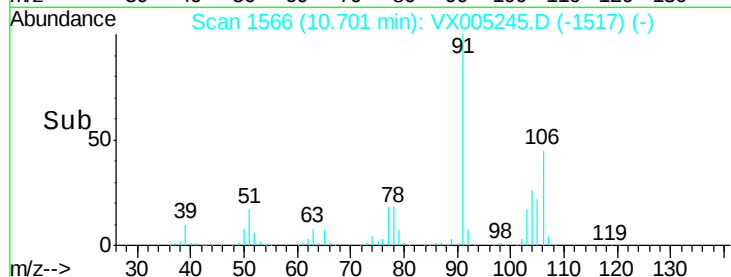
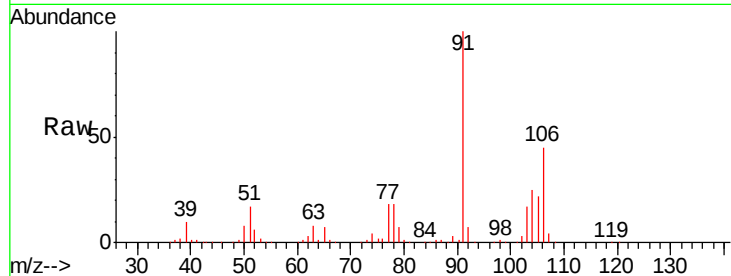
#69
o-Xylene
Concen: 15.89 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion:106 Resp: 65244
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8

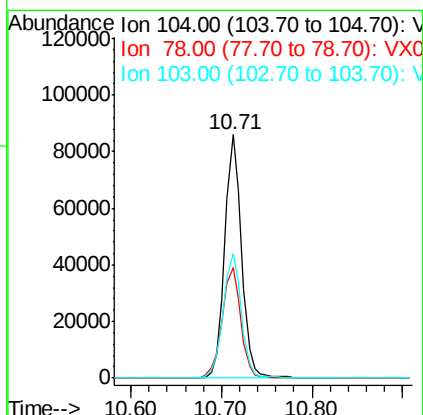
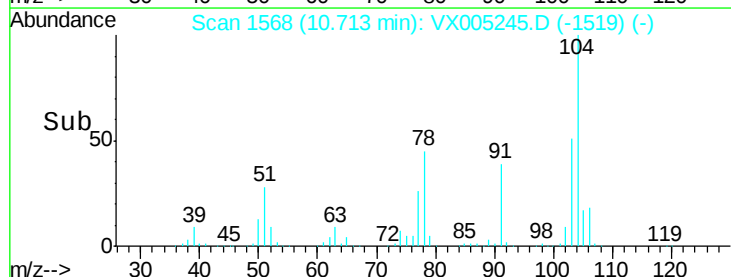
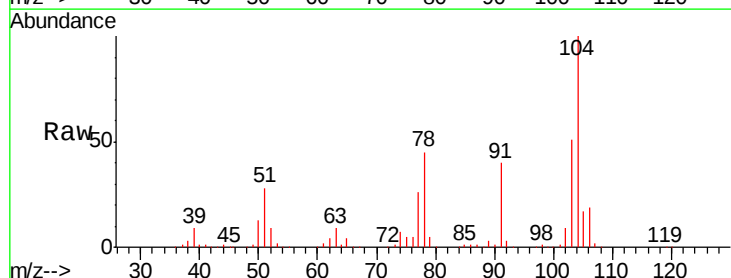
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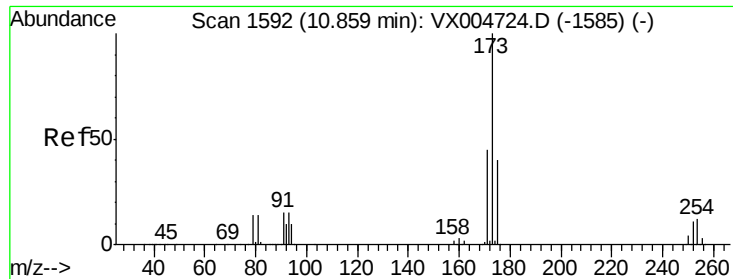
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#70
Styrene
Concen: 16.05 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion:104 Resp: 111527
Ion Ratio Lower Upper
104 100
78 50.6 40.0 60.0
103 55.8 44.3 66.5





#71

Bromoform

Concen: 15.73 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

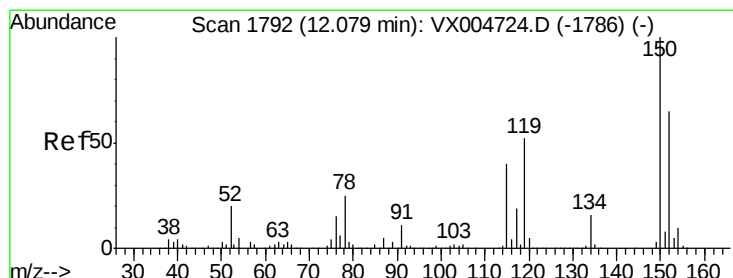
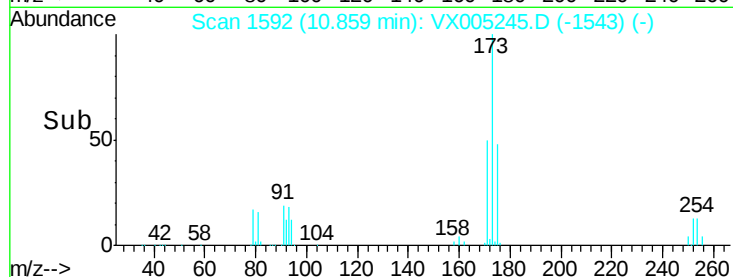
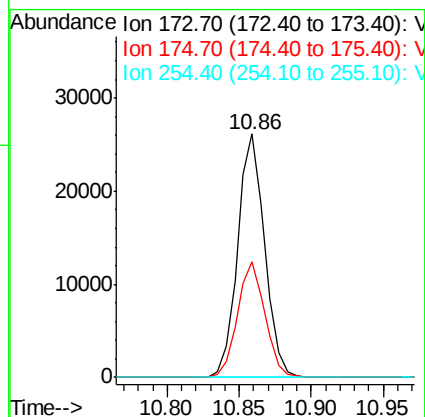
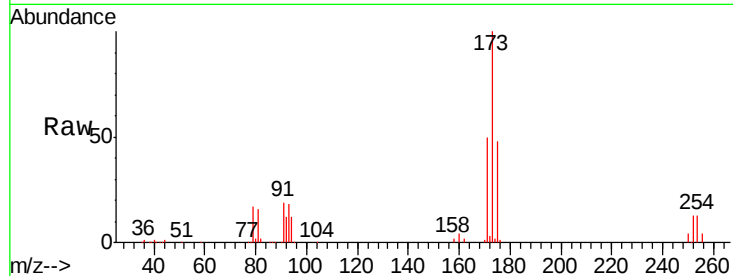
ClientSampleId :

VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.3	69.8
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

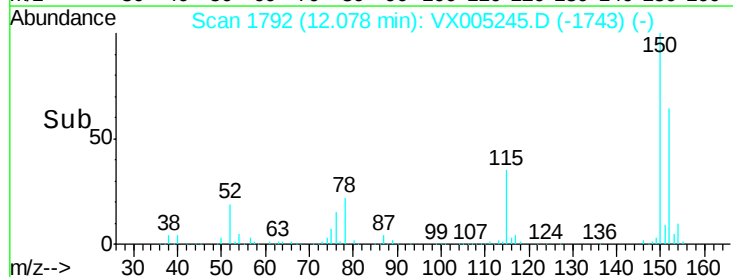
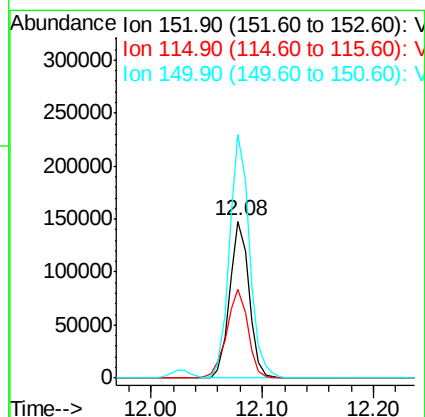
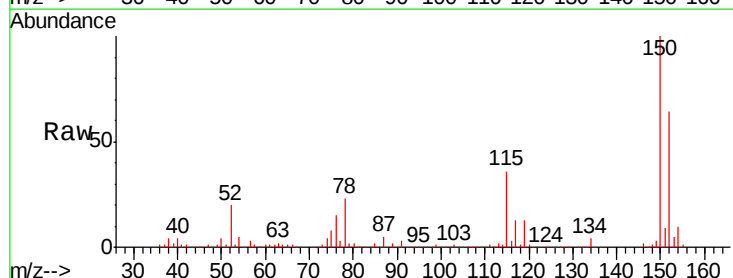
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	40.2	120.6
150	161.6	0.0	351.0





#73

Isopropylbenzene

Concen: 15.41 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 105 Resp: 172270

Ion Ratio Lower Upper

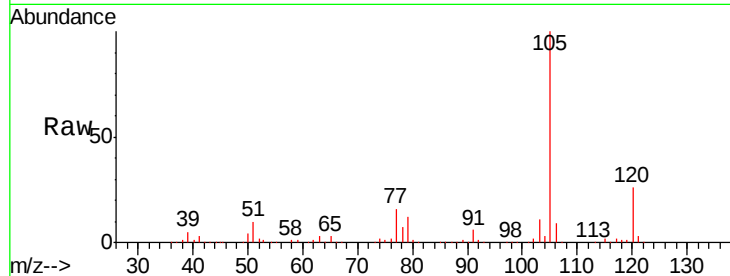
105 100

120 26.7 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

150000

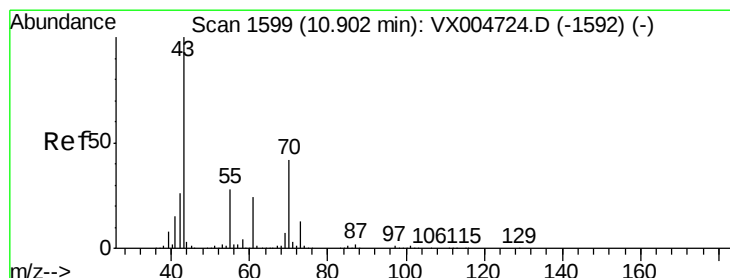
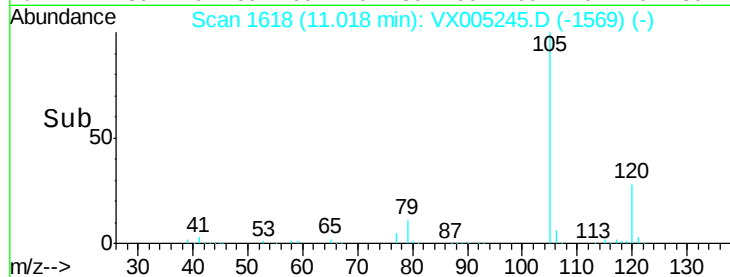
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 14.86 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion: 43 Resp: 83449

Ion Ratio Lower Upper

43 100

70 41.1 32.6 48.8

55 27.4 21.6 32.4

61 24.1 19.1 28.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

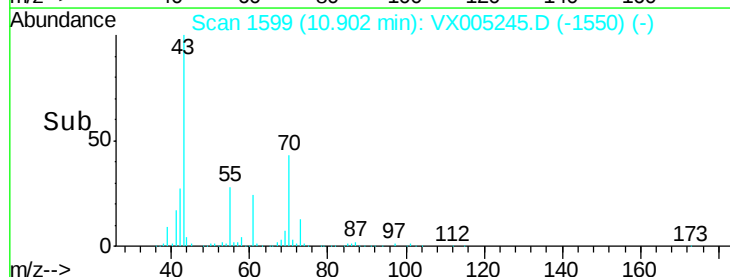
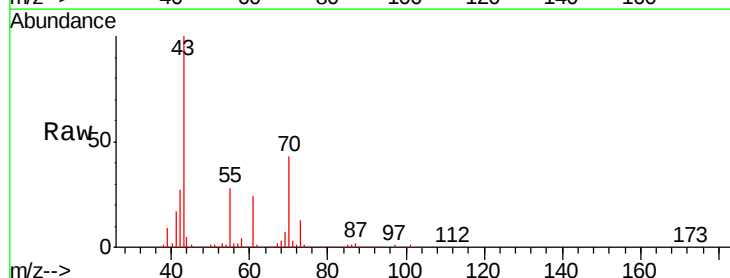
40000

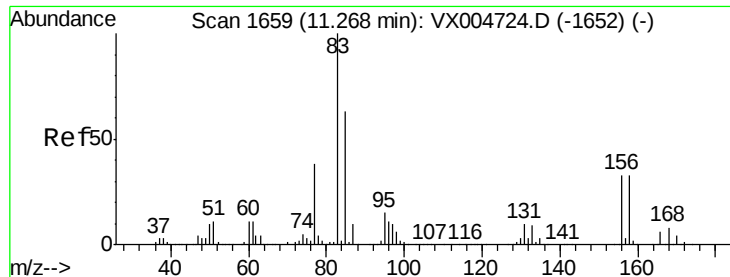
20000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 15.29 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

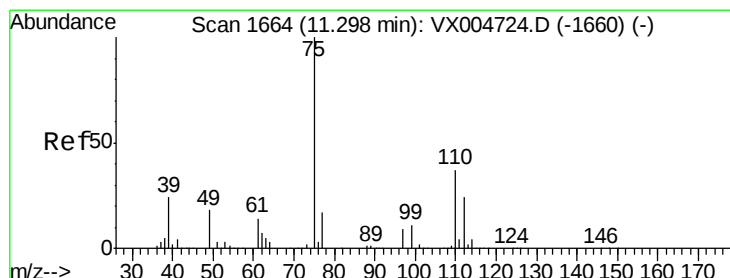
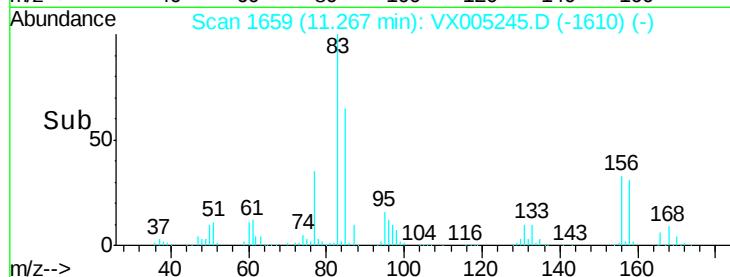
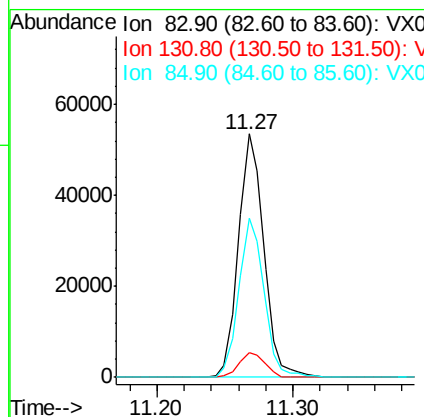
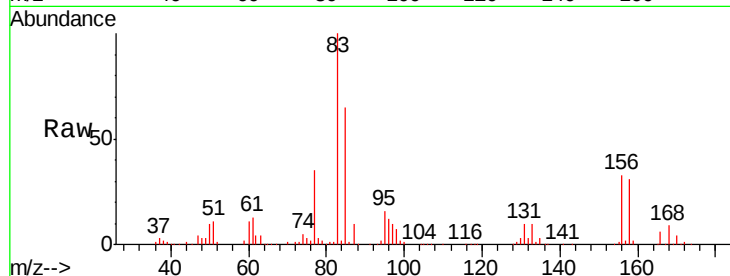
ClientSampleId :

VX1010WBS06

Tgt Ion:	83	Resp:	69542
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	65.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 18.07 ug/l m

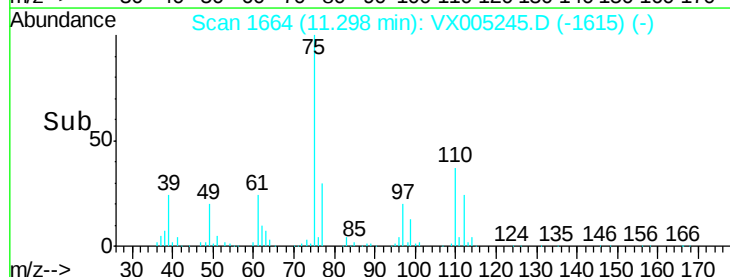
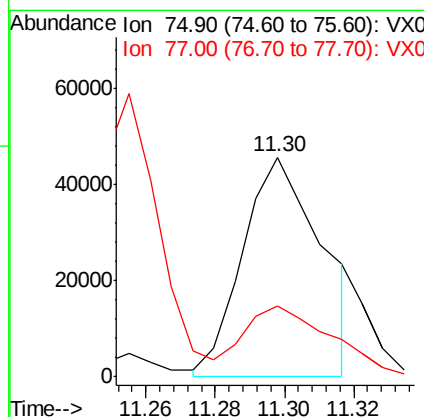
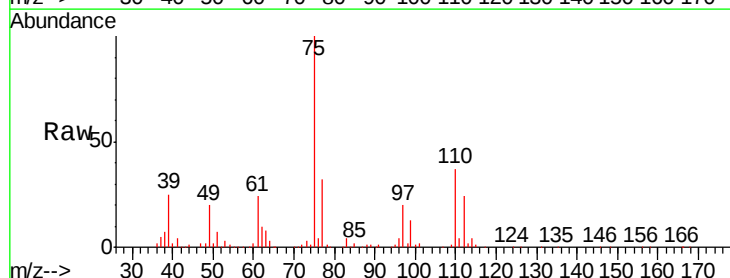
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	75	Resp:	71803
Ion Ratio	Lower	Upper	
75	100		
77	36.6	21.4	64.3





#77

Bromobenzene

Concen: 15.97 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

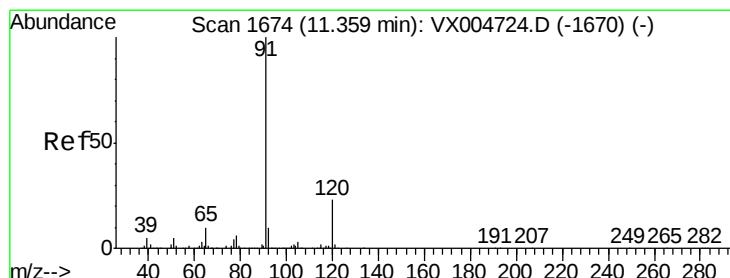
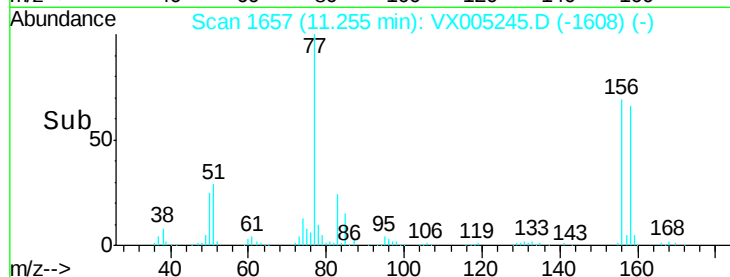
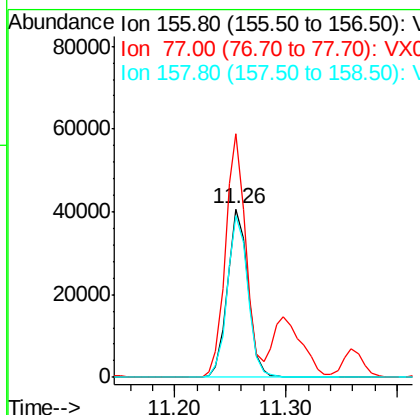
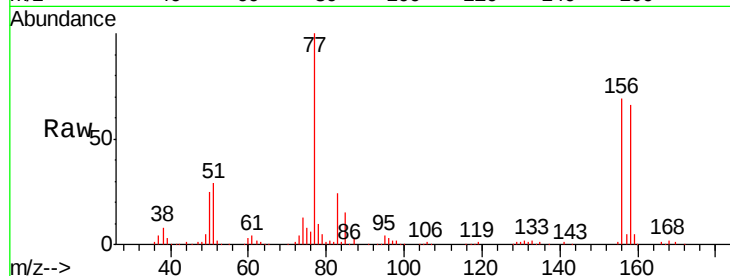
ClientSampleId :

VX1010WBS06

Tgt Ion:	156	Resp:	51828
Ion Ratio	Lower	Upper	
156	100		
77	143.8	73.4	220.2
158	96.4	49.1	147.4

Manual Integrations
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10/12/2018 11:45:05 AM



#78

n-propylbenzene

Concen: 15.36 ug/l

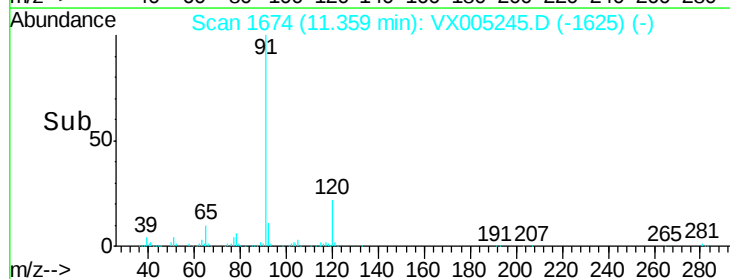
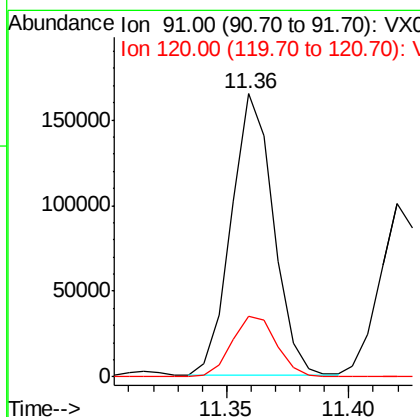
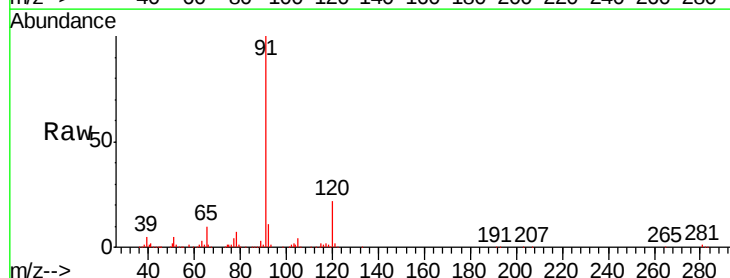
RT: 11.36 min Scan# 1674

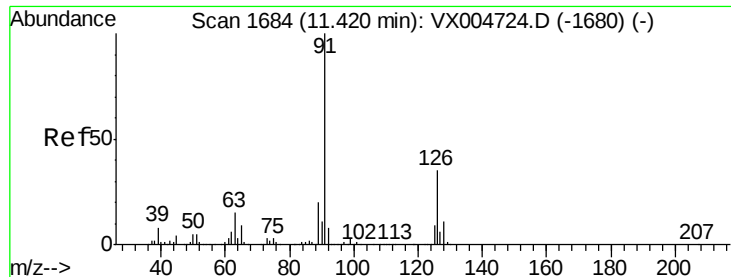
Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	91	Resp:	197011
Ion Ratio	Lower	Upper	
91	100		
120	23.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 15.69 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS06

Tgt Ion: 91 Resp: 125419

Ion Ratio Lower Upper

91 100

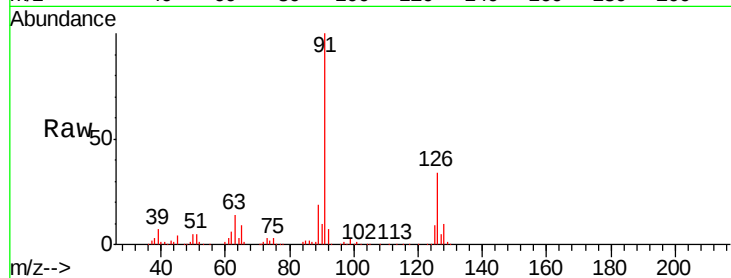
126 35.4 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

150000

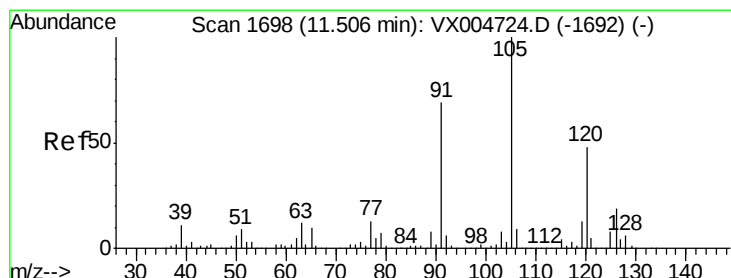
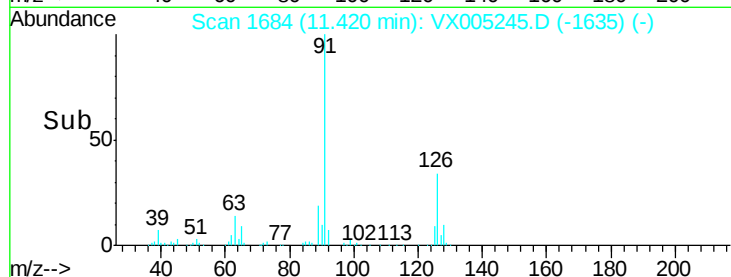
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 14.64 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005245.D

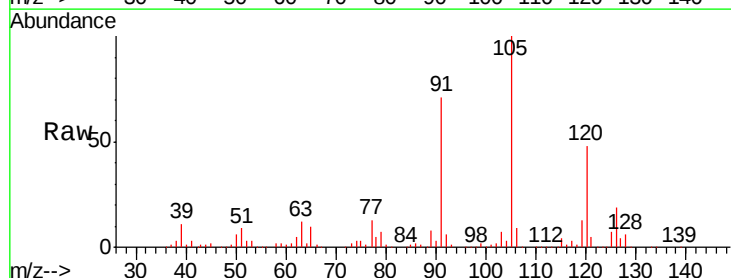
Acq: 11 Oct 2018 10:20

Tgt Ion: 105 Resp: 151364

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

150000

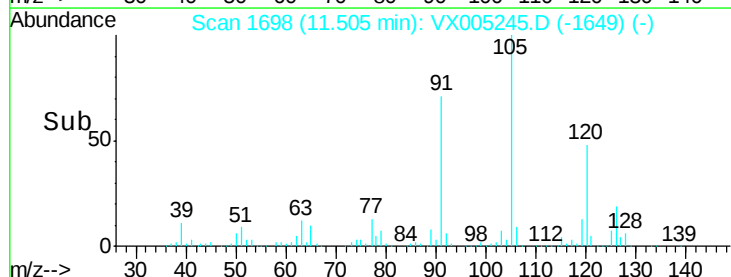
100000

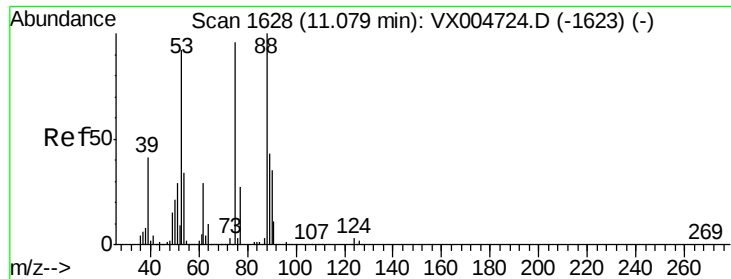
50000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 13.97 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

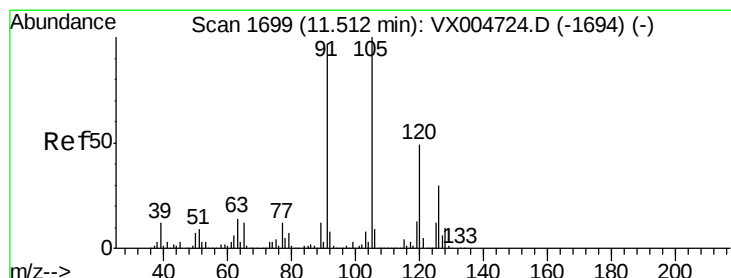
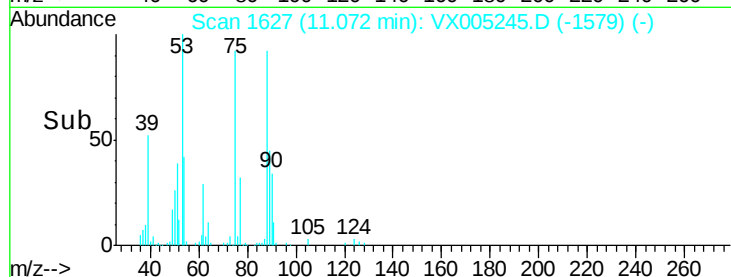
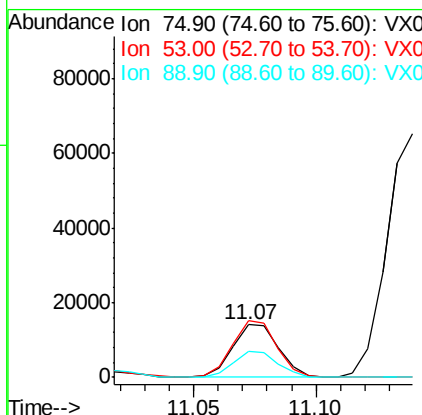
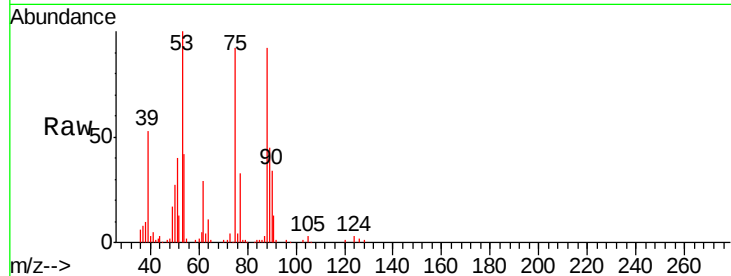
ClientSampleId :

VX1010WBS06

Tgt Ion:	75	Resp:	18189
Ion Ratio	Lower	Upper	
75	100		
53	105.3	80.2	120.4
89	48.3	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 15.78 ug/l

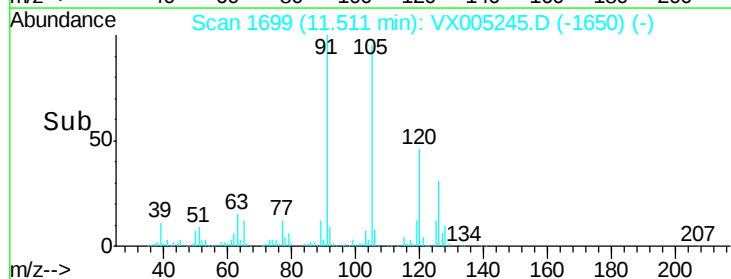
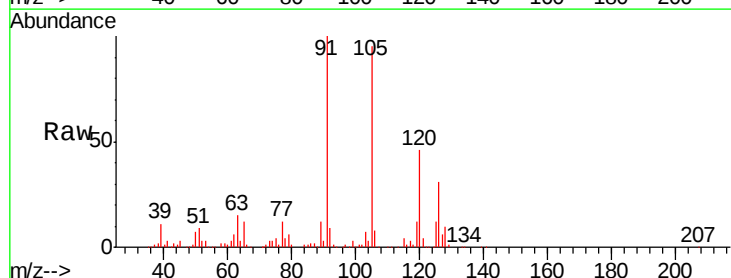
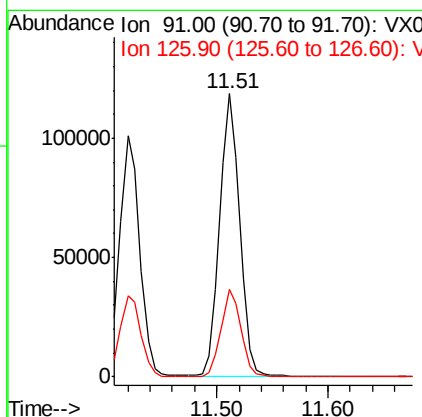
RT: 11.51 min Scan# 1699

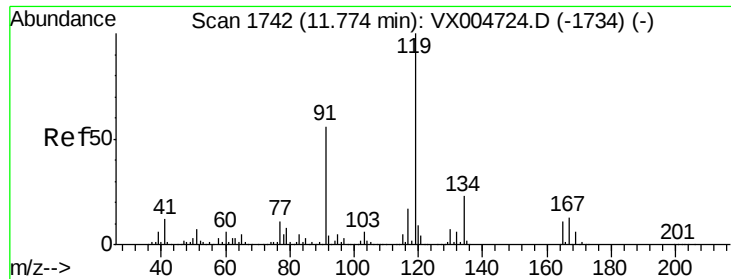
Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	91	Resp:	148443
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.5	46.5





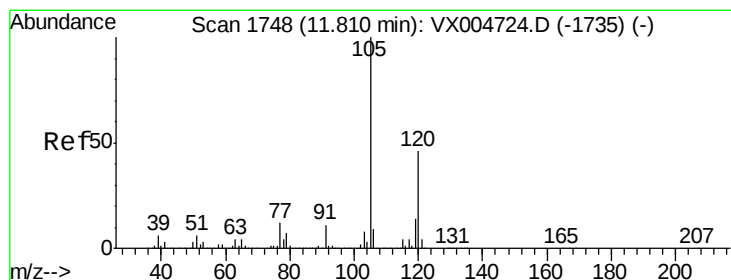
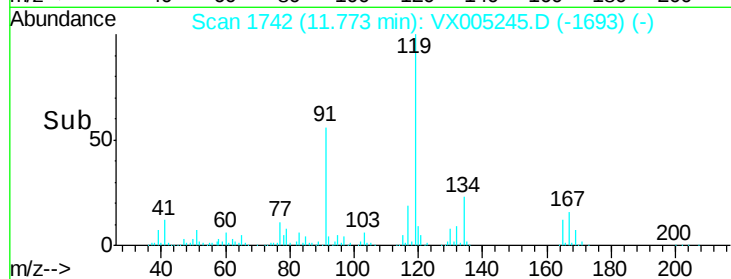
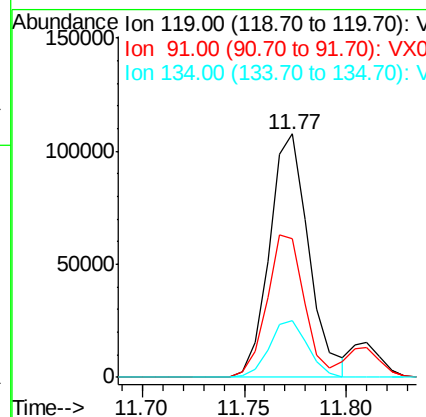
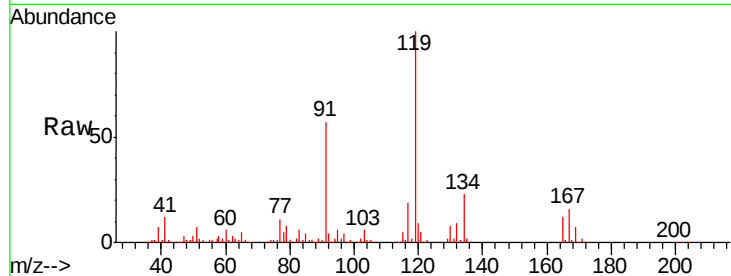
#83
 tert-Butylbenzene
 Concen: 15.72 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	144645		
91	55.7	27.5	82.5	
134	23.0	11.5	34.4	

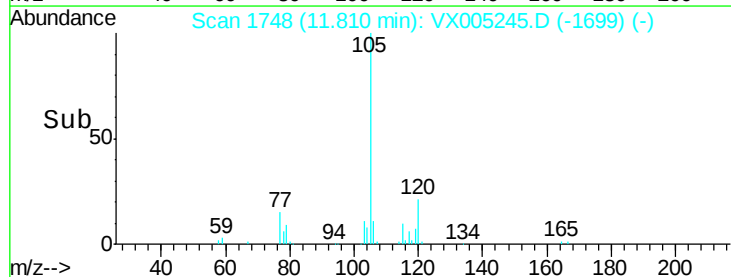
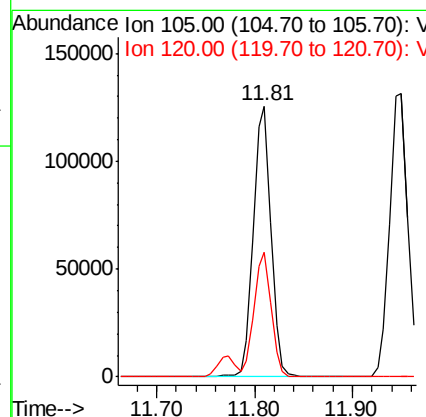
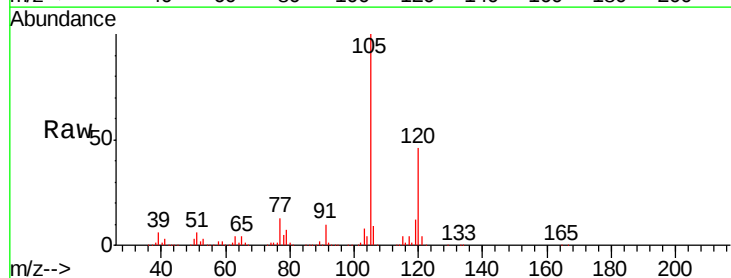
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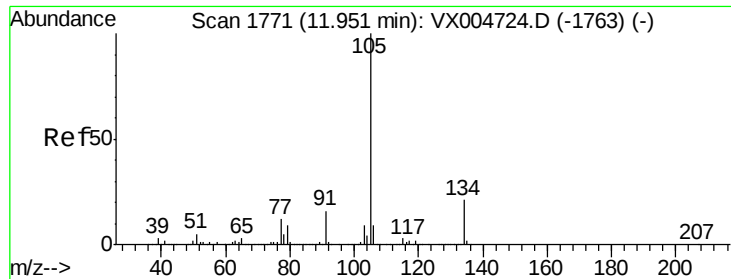
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#84
 1,2,4-Trimethylbenzene
 Concen: 14.77 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157461		
120	44.7	22.8	68.3	





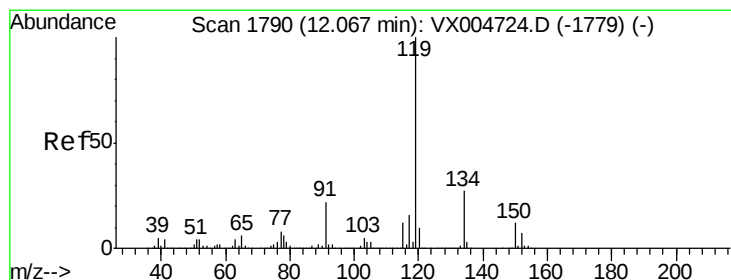
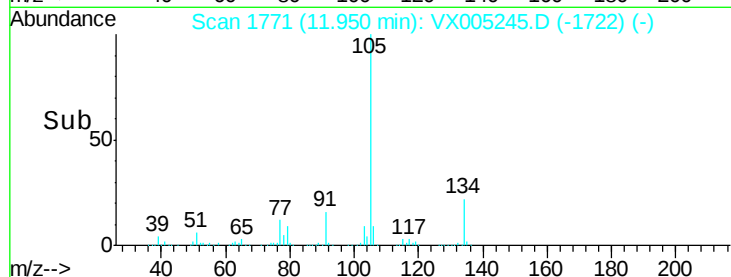
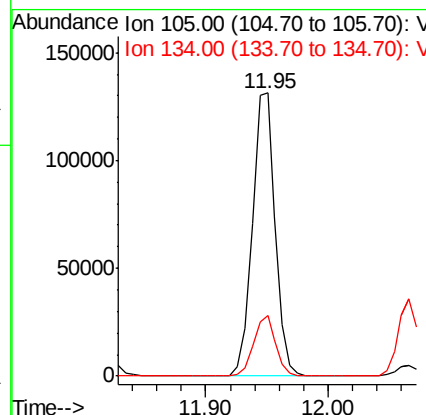
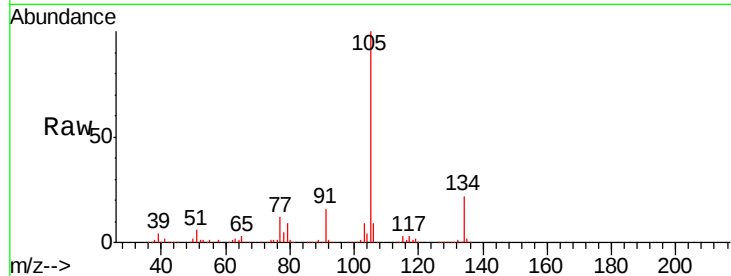
#85
 sec-Butylbenzene
 Concen: 15.21 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.2	30.4

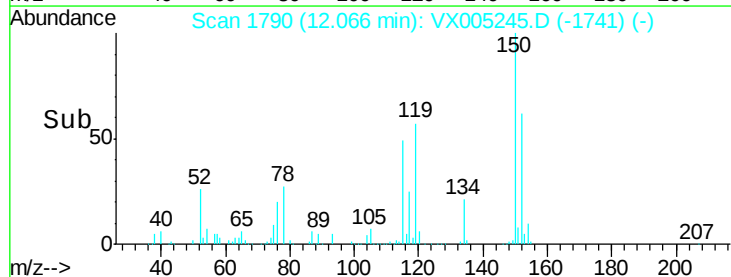
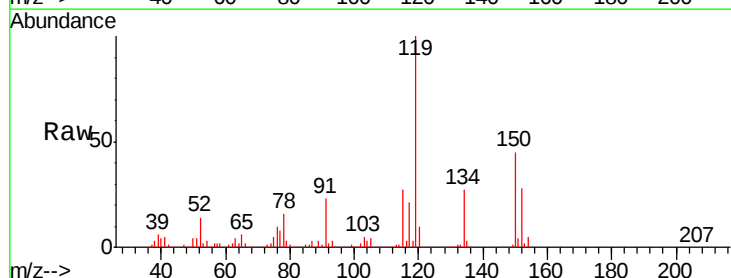
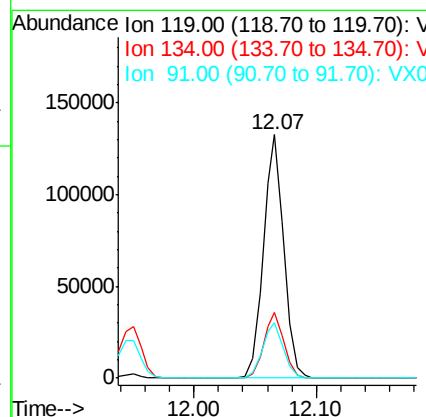
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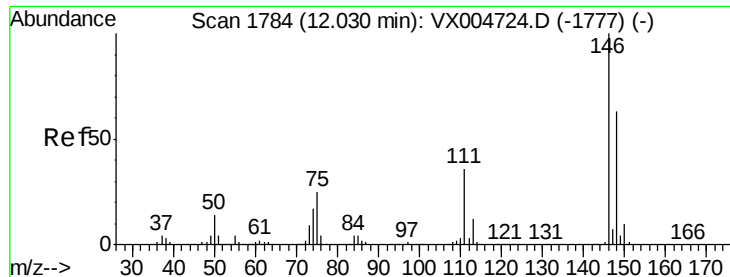
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#86
 p-Isopropyltoluene
 Concen: 15.17 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005245.D
 Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.1
91	23.6	11.5	34.4





#87

1,3-Dichlorobenzene

Concen: 15.41 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

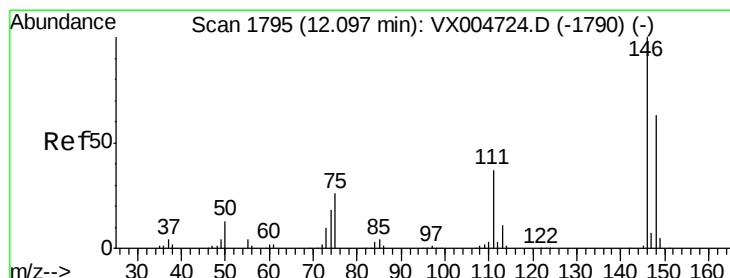
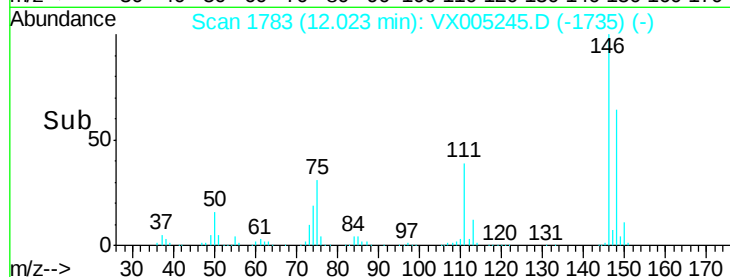
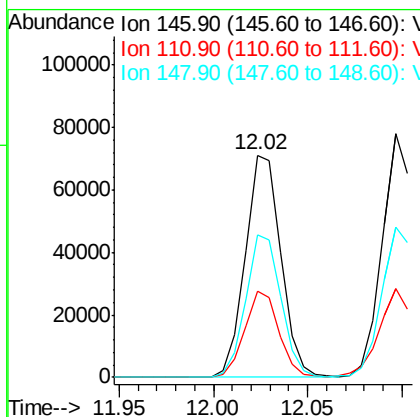
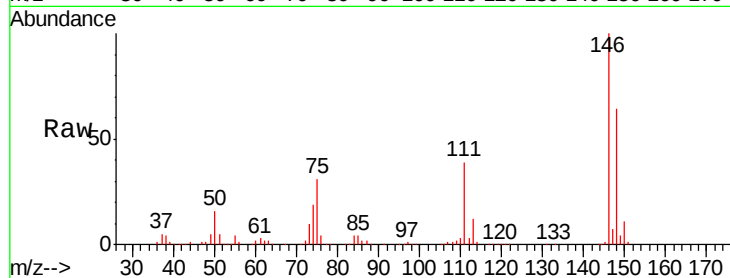
ClientSampleId :

VX1010WBS06

Tgt Ion:	146	Resp:	93391
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.9
148	63.4	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 15.15 ug/l

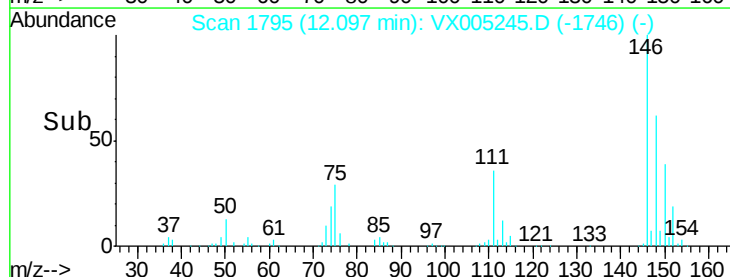
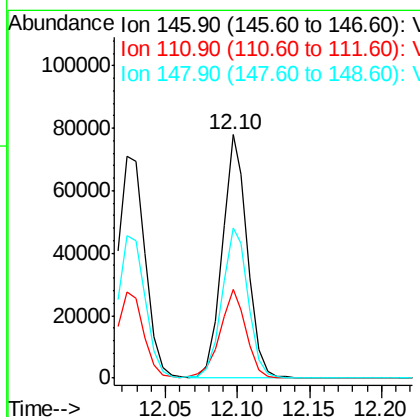
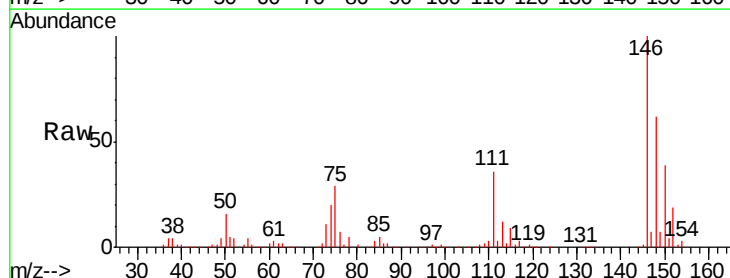
RT: 12.10 min Scan# 1795

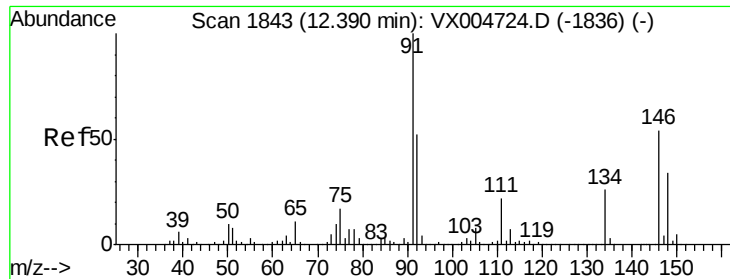
Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	146	Resp:	94804
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.4	55.2
148	64.7	32.0	96.0





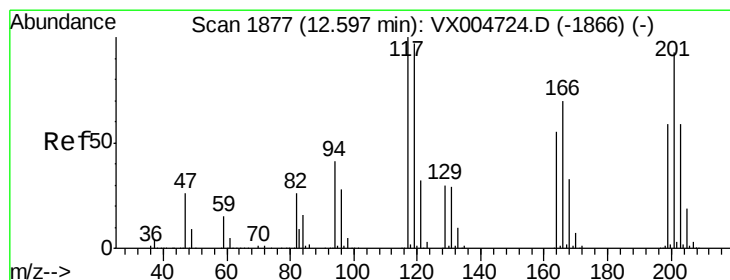
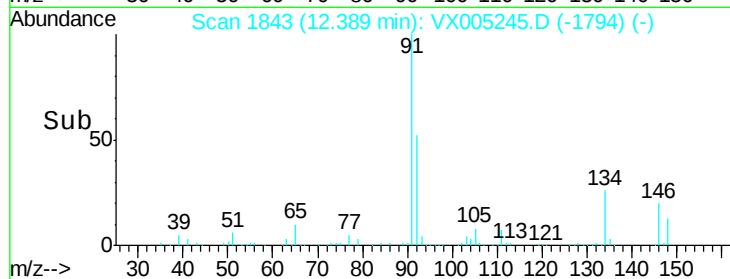
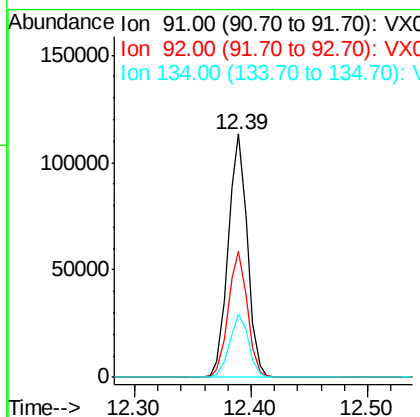
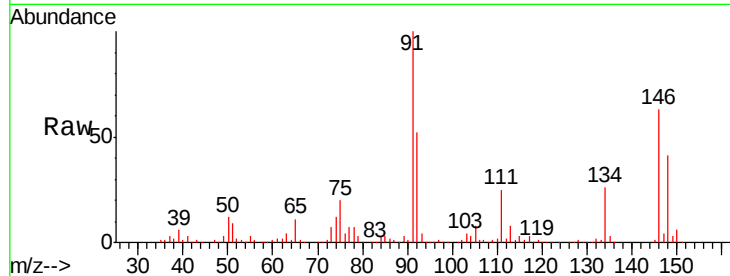
#89
n-Butylbenzene
Concen: 14.07 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion: 91 Resp: 129769
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 25.8 13.2 39.6

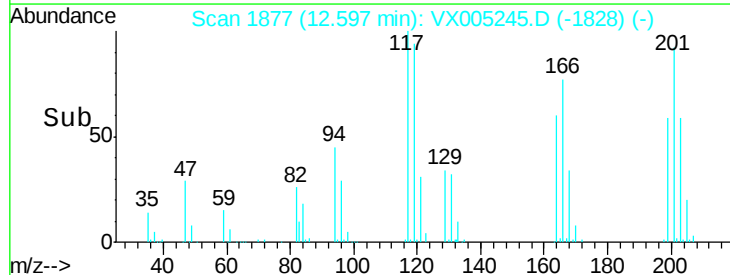
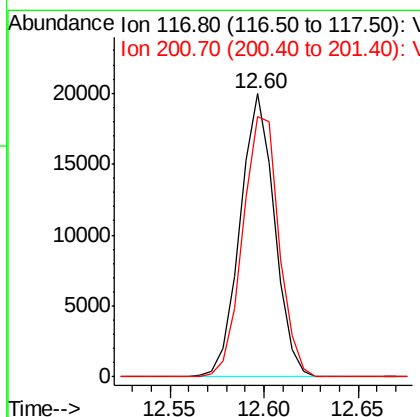
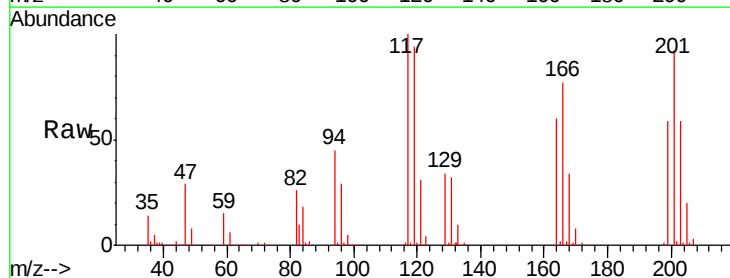
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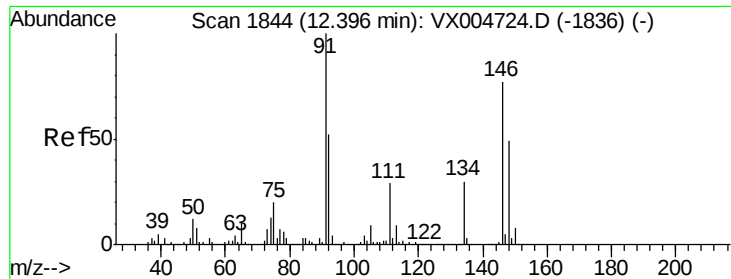
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#90
Hexachloroethane
Concen: 14.90 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion: 117 Resp: 25194
Ion Ratio Lower Upper
117 100
201 97.0 48.4 145.0





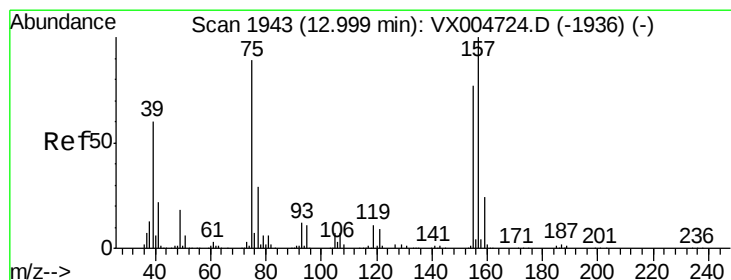
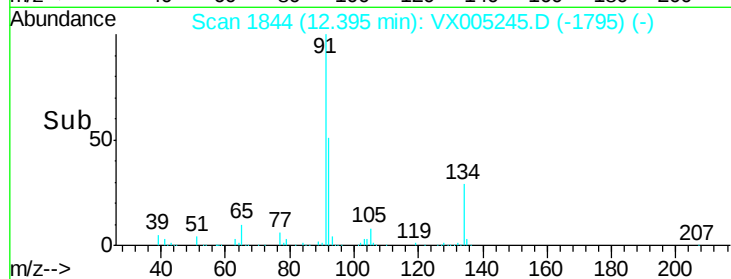
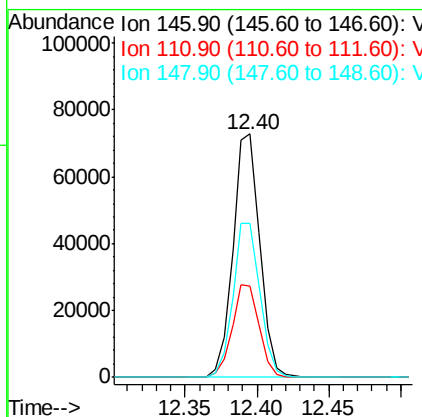
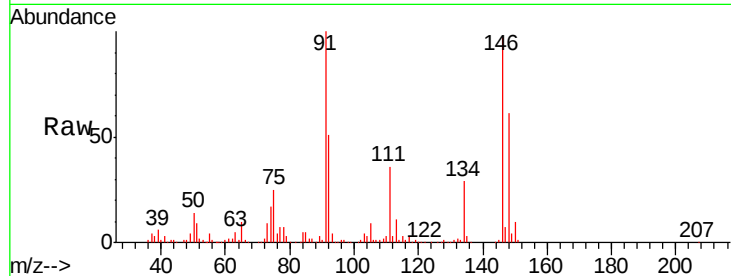
#91
1,2-Dichlorobenzene
Concen: 15.00 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.9	31.8	95.4

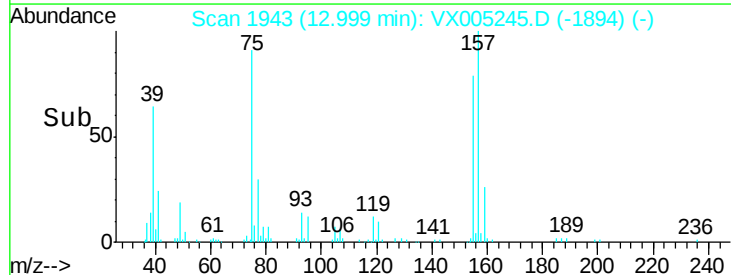
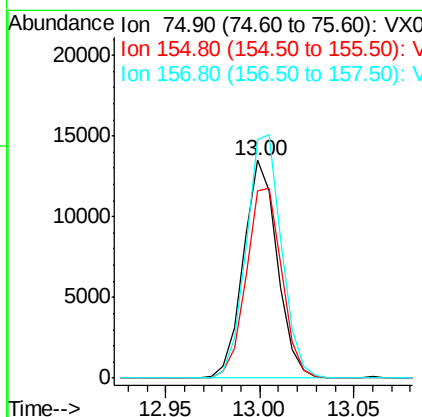
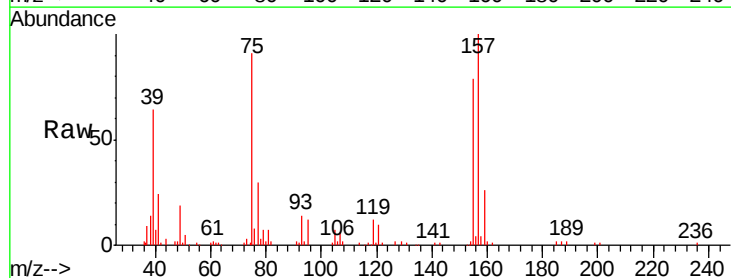
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#92
1,2-Dibromo-3-Chloropropane
Concen: 16.80 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	46.1	138.3
157	116.4	60.2	180.6





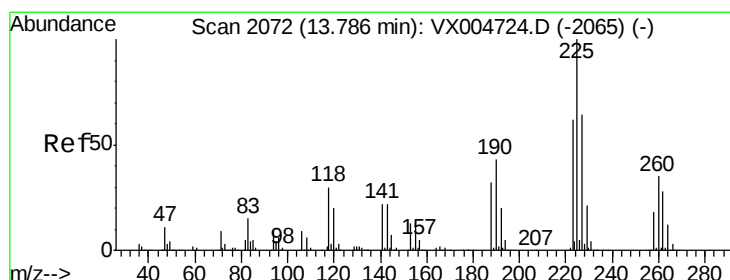
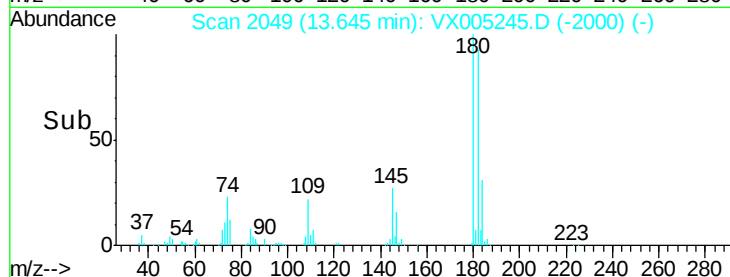
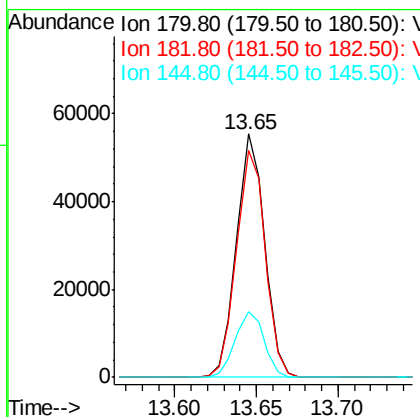
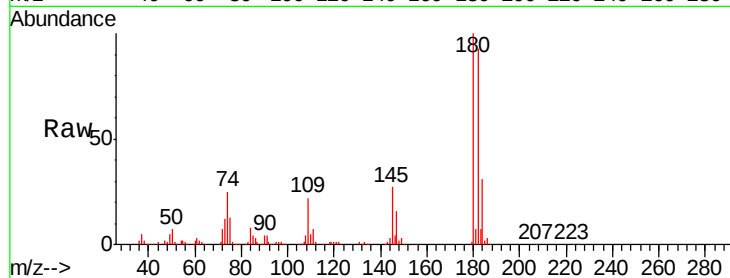
#93
1,2,4-Trichlorobenzene
Concen: 15.05 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	47.8	143.4
145	27.5	14.1	42.4

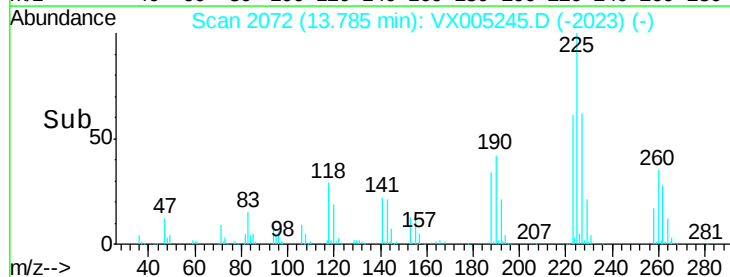
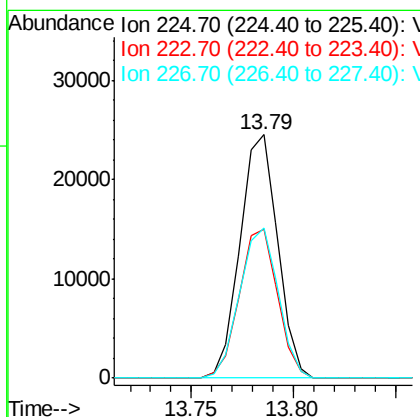
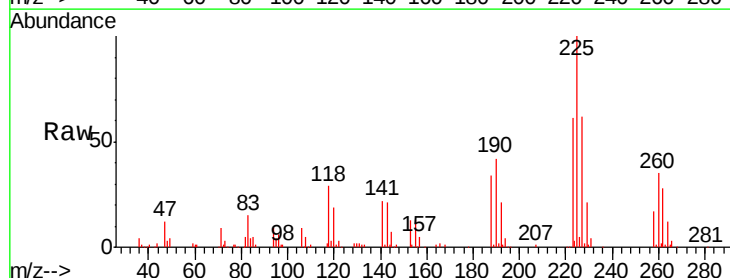
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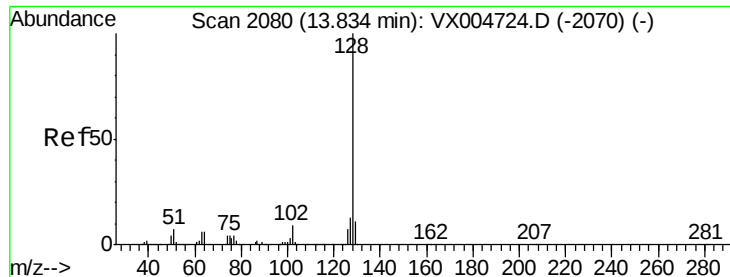
MMDadoda
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#94
Hexachlorobutadiene
Concen: 13.65 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005245.D
Acq: 11 Oct 2018 10:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.3	31.3	93.8
227	63.1	31.9	95.5





#95

Naphthalene

Concen: 14.75 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Instrument :

MSVOA_X

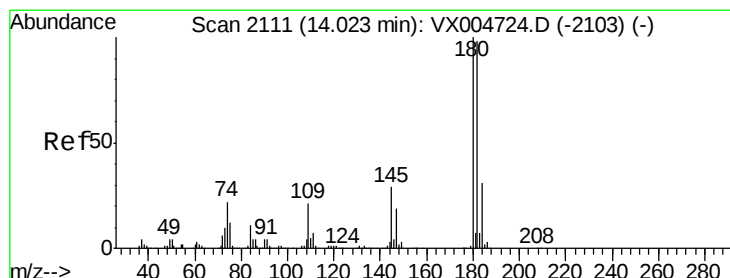
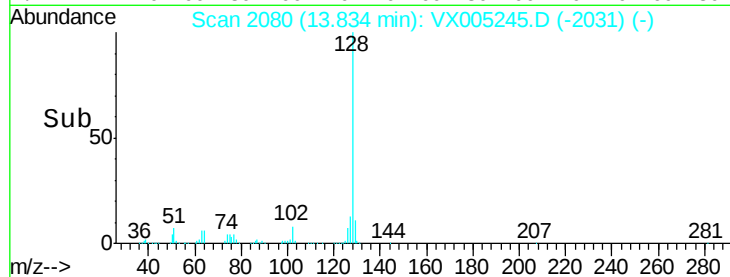
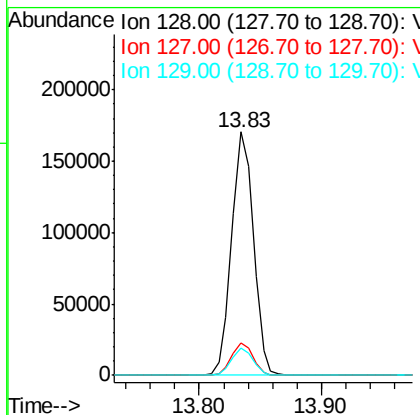
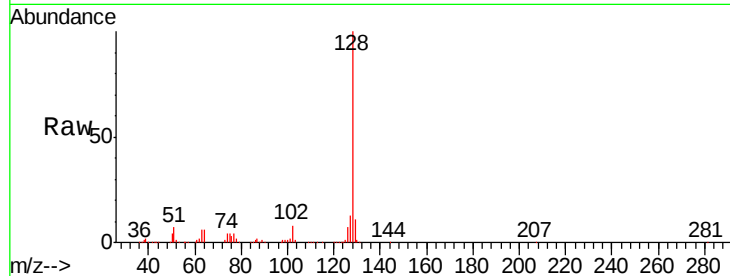
ClientSampleId :

VX1010WBS06

Tgt Ion:	128	Resp:	209991
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 15.59 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005245.D

Acq: 11 Oct 2018 10:20

Tgt Ion:	180	Resp:	71552
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.8
145	29.5	15.0	45.0

