

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005252.D
 Acq On : 11 Oct 2018 13:28
 Operator : JC/MD
 Sample : VX1010WBS09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:06 AM

Quant Time: Oct 11 14:41:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137493	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
35) Dibromofluoromethane	5.50	113	112121	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
50) Toluene-d8	8.72	98	408390	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	154631	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57138	19.08	ug/l	98
3) Chloromethane	1.32	50	60568	16.67	ug/l	99
4) Vinyl Chloride	1.40	62	62633	18.38	ug/l	98
5) Bromomethane	1.64	94	20823	10.31	ug/l	94
6) Chloroethane	1.72	64	38287	19.19	ug/l	97
7) Trichlorofluoromethane	1.93	101	81791	19.39	ug/l	91
8) Diethyl Ether	2.19	74	32291	17.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44538	18.54	ug/l	98
10) Methyl Iodide	2.51	142	22535	7.01	ug/l	91
11) Tert butyl alcohol	3.08	59	77555	88.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43436	18.26	ug/l	98
13) Acrolein	2.29	56	38216	61.24	ug/l	92
14) Allyl chloride	2.73	41	99958	19.25	ug/l	96
15) Acrylonitrile	3.15	53	175756	91.03	ug/l	96
16) Acetone	2.45	43	172137	94.00	ug/l	94
17) Carbon Disulfide	2.57	76	120754	16.89	ug/l	100
18) Methyl Acetate	2.78	43	100346	21.63	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	158845	19.35	ug/l	97
20) Methylene Chloride	2.85	84	50533	18.45	ug/l	# 84
21) trans-1,2-Dichloroethene	3.16	96	45704	17.55	ug/l	89
22) Diisopropyl ether	3.87	45	154602	17.69	ug/l	96
23) Vinyl Acetate	3.82	43	752466	94.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	93762	17.98	ug/l	99
25) 2-Butanone	4.71	43	229176	84.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67026	18.46	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	47802	16.43	ug/l	92
28) Bromochloromethane	5.02	49	35554	14.48	ug/l	99
29) Tetrahydrofuran	5.16	42	150250	89.55	ug/l	97
30) Chloroform	5.21	83	84997	17.25	ug/l	99
31) Cyclohexane	5.57	56	68449	17.15	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	71625	17.80	ug/l	97
36) 1,1-Dichloropropene	5.80	75	59151	16.44	ug/l	95
37) Ethyl Acetate	4.87	43	81135	16.98	ug/l	99
38) Carbon Tetrachloride	5.78	117	62859	16.62	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64099	17.44	ug/l	87
40) Benzene	6.14	78	185917	16.50	ug/l	95
41) Methacrylonitrile	5.06	41	44213	16.69	ug/l #	96
42) 1,2-Dichloroethane	6.20	62	67959	17.06	ug/l	98
43) Isopropyl Acetate	6.47	43	114742	16.64	ug/l	96
44) Trichloroethene	7.21	130	48464	17.50	ug/l	99
45) 1,2-Dichloropropane	7.52	63	50497	18.28	ug/l	96
46) Dibromomethane	7.66	93	32335	18.62	ug/l	98
47) Bromodichloromethane	7.90	83	61824	19.02	ug/l	99
48) Methyl methacrylate	7.78	41	60514	19.34	ug/l	100
49) 1,4-Dioxane	7.76	88	25298	325.37	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	421756	97.15	ug/l	98
52) Toluene	8.79	92	116575	18.83	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67227	18.30	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	73652	19.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	49442	18.23	ug/l	96
56) Ethyl methacrylate	9.18	69	71199	18.12	ug/l	97
57) 1,3-Dichloropropane	9.37	76	80860	17.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	171194	83.33	ug/l	99
59) 2-Hexanone	9.50	43	332734	91.97	ug/l	94
60) Dibromochloromethane	9.59	129	49911	18.40	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50969	17.55	ug/l	95
64) Tetrachloroethene	9.34	164	46290	15.69	ug/l	96
65) Chlorobenzene	10.14	112	132305	17.21	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	47887	17.72	ug/l	99
67) Ethyl Benzene	10.26	91	212896	17.44	ug/l	96
68) m/p-Xylenes	10.36	106	170781	35.80	ug/l	95
69) o-Xylene	10.70	106	80092	18.28	ug/l	100
70) Styrene	10.71	104	136820	18.12	ug/l	99
71) Bromoform	10.86	173	40855	17.65	ug/l #	96
73) Isopropylbenzene	11.02	105	220270	20.74	ug/l	99
74) N-amyl acetate	10.90	43	104989	19.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80830	18.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83397m	22.08	ug/l	
77) Bromobenzene	11.26	156	62038	20.11	ug/l	98
78) n-propylbenzene	11.36	91	258678	21.23	ug/l	99
79) 2-Chlorotoluene	11.42	91	154164	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	188840	19.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21272	16.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	182507	20.42	ug/l	100
83) tert-Butylbenzene	11.77	119	185697	21.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	197408	19.55	ug/l	98
85) sec-Butylbenzene	11.94	105	224292	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	204609	21.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113301	19.67	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	114459	19.25	ug/l	98
89) n-Butylbenzene	12.39	91	179625	20.50	ug/l	100
90) Hexachloroethane	12.60	117	32735	20.38	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	114054	18.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18949	19.96	ug/l	98

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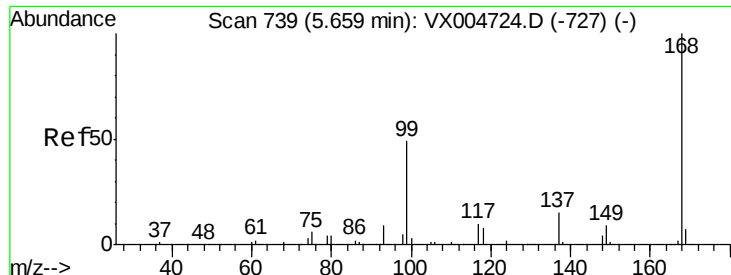
Manual Integrations
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QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86311	20.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	42998	19.64	ug/l	100
95) Naphthalene	13.83	128	259873	19.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	89030	20.41	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 168 Resp: 219587

Ion Ratio Lower Upper

168 100

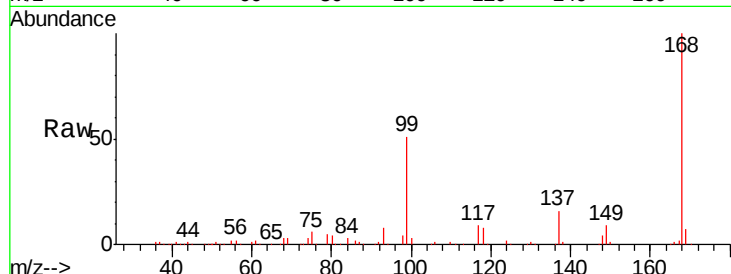
99 50.8 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

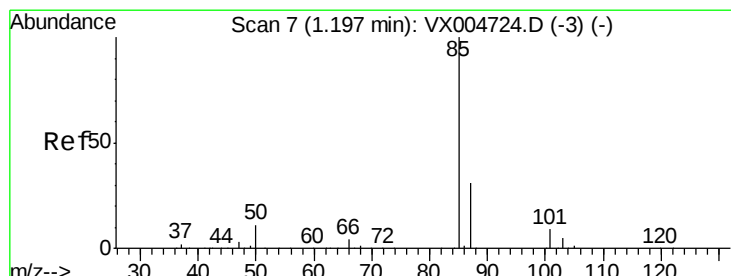
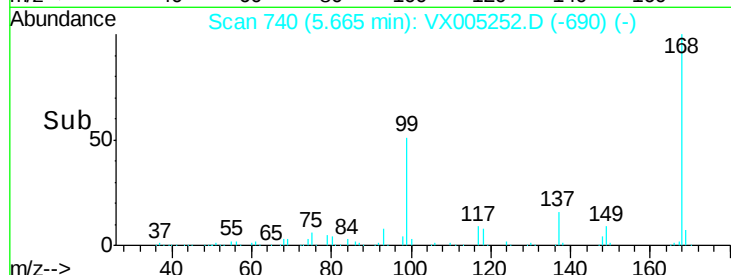
40000

20000

0

5.60 5.80 6.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.08 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005252.D

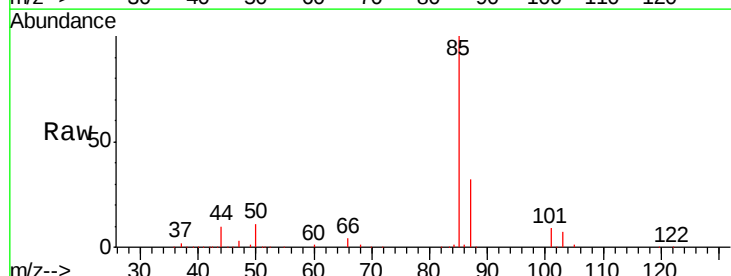
Acq: 11 Oct 2018 13:28

Tgt Ion: 85 Resp: 57138

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

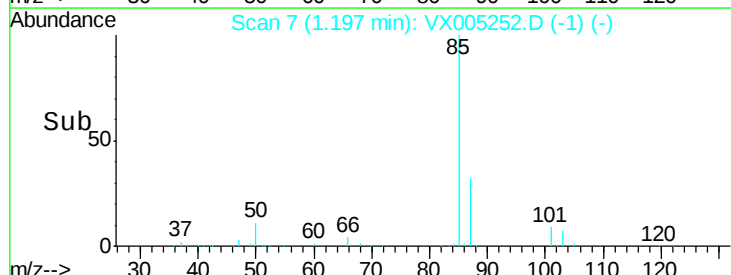
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.67 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 50 Resp: 60568

Ion Ratio Lower Upper

50 100

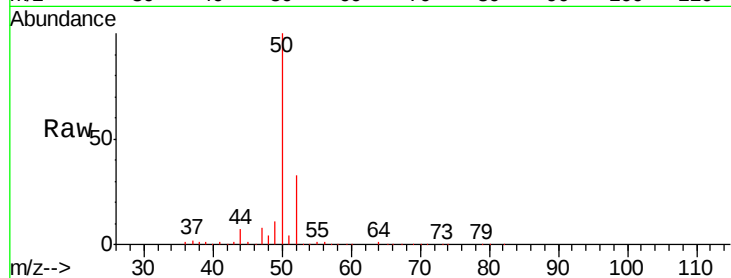
52 32.7 25.8 38.6

Manual Integrations

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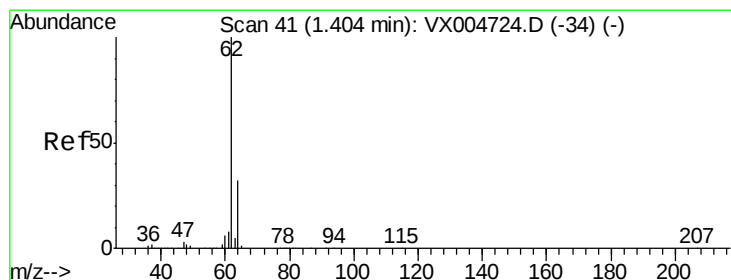
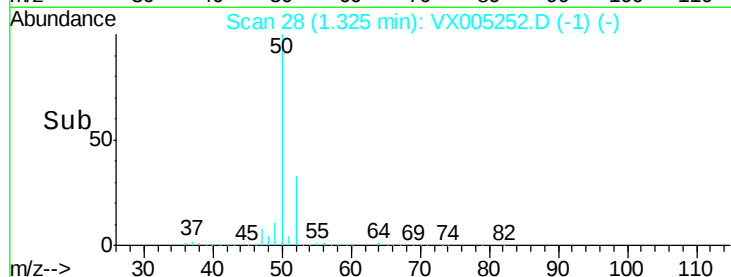
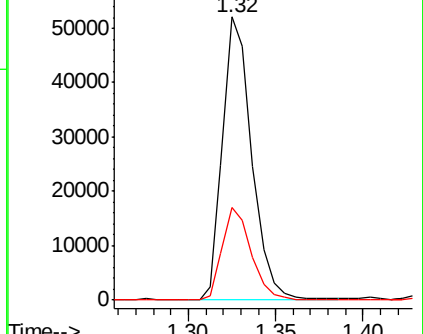
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.38 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005252.D

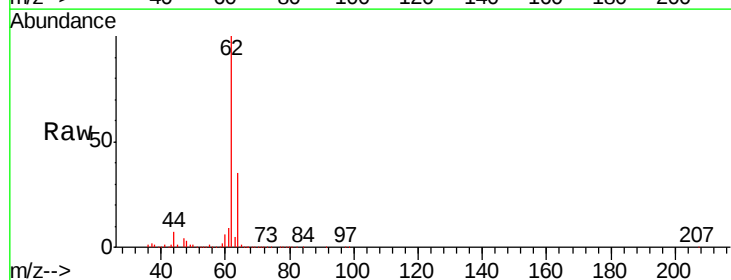
Acq: 11 Oct 2018 13:28

Tgt Ion: 62 Resp: 62633

Ion Ratio Lower Upper

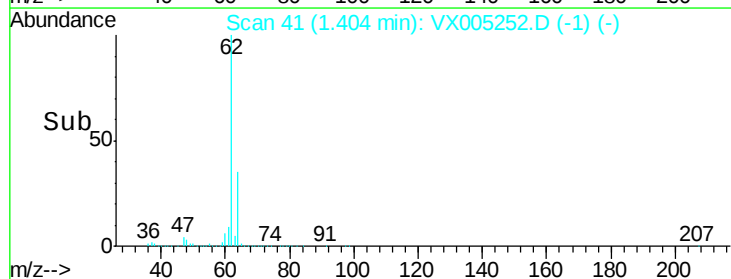
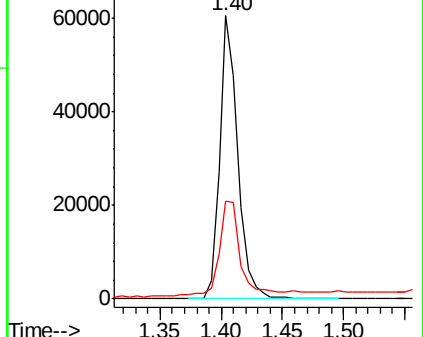
62 100

64 33.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 10.31 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 94 Resp: 20823

Ion Ratio Lower Upper

94 100

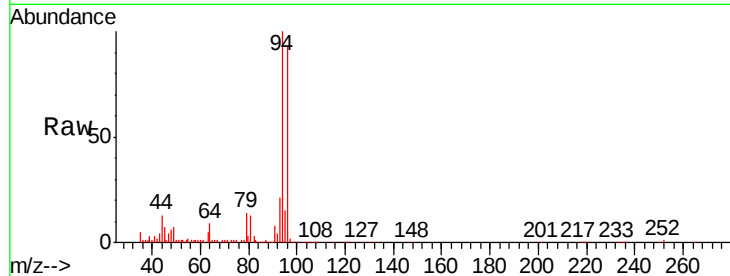
96 93.3 79.5 119.3

Manual Integrations

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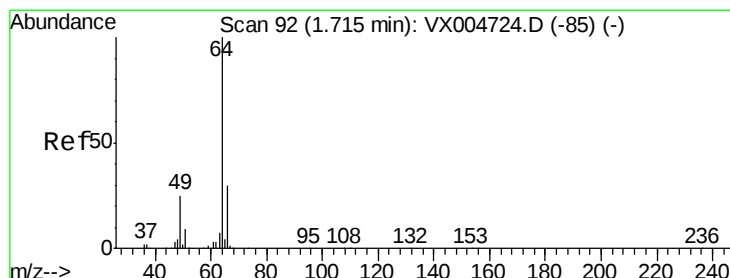
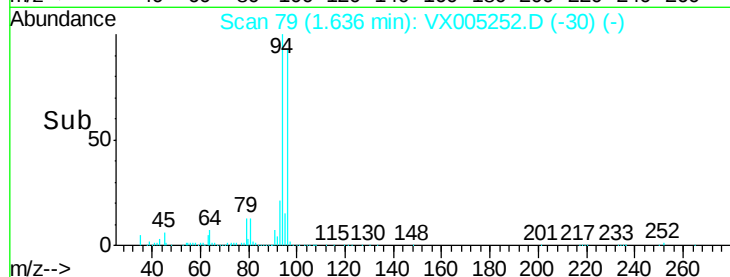
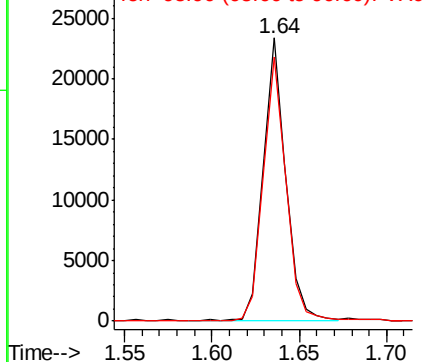
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.19 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005252.D

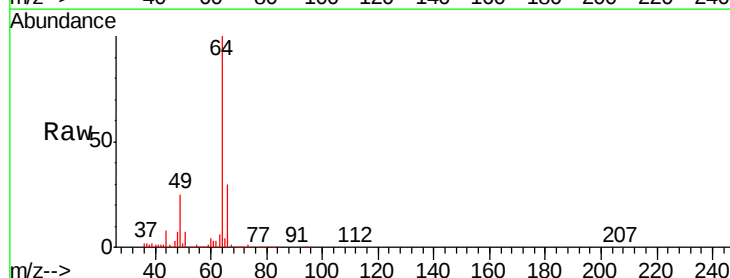
Acq: 11 Oct 2018 13:28

Tgt Ion: 64 Resp: 38287

Ion Ratio Lower Upper

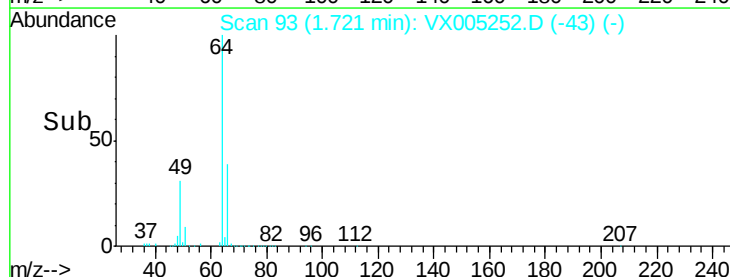
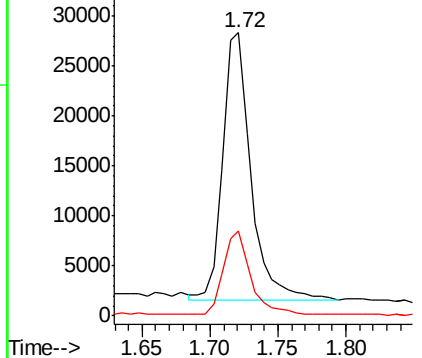
64 100

66 31.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

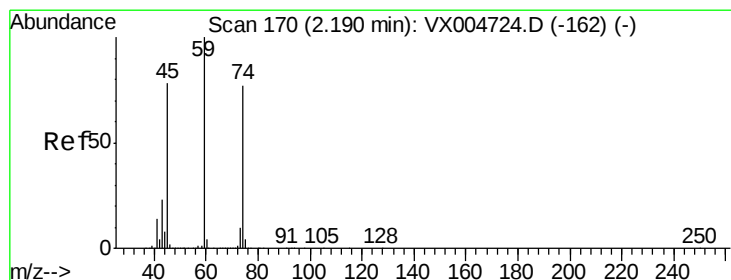
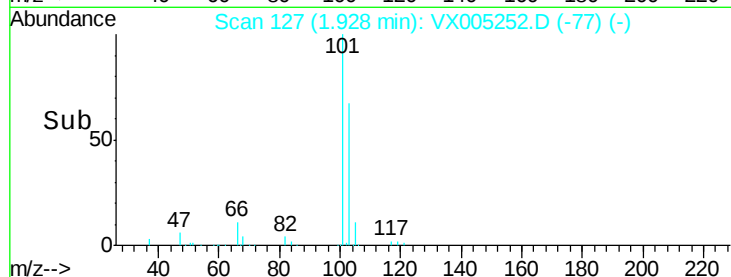
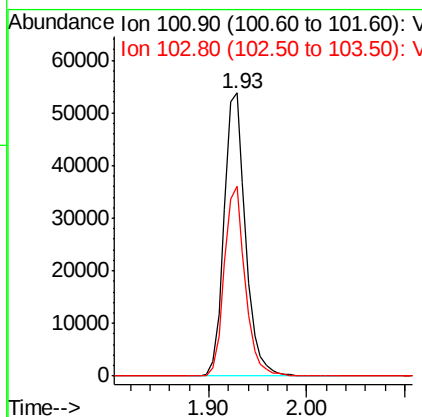
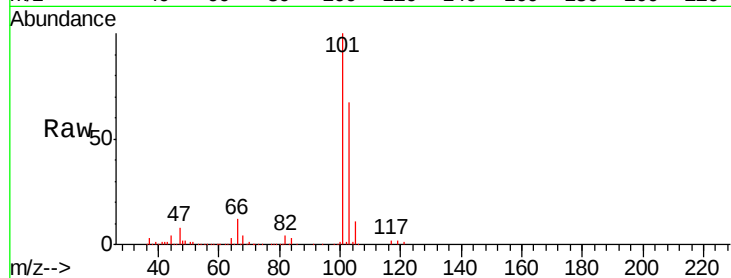
Trichlorofluoromethane
 Concen: 19.39 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
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 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.0	48.4	72.6

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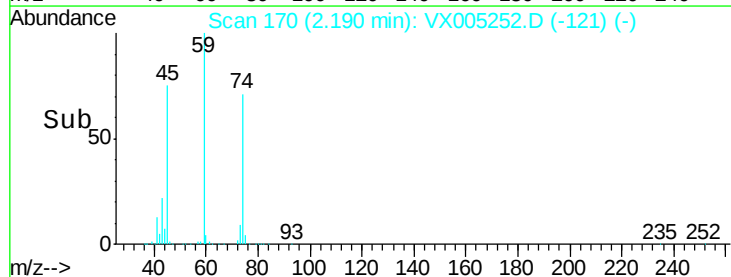
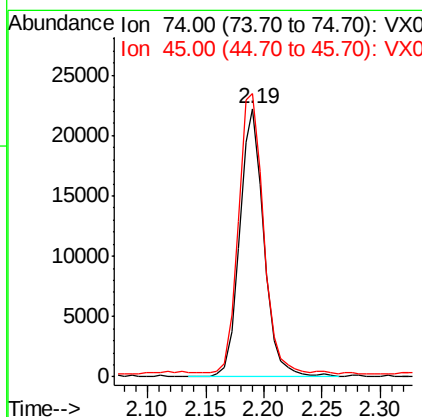
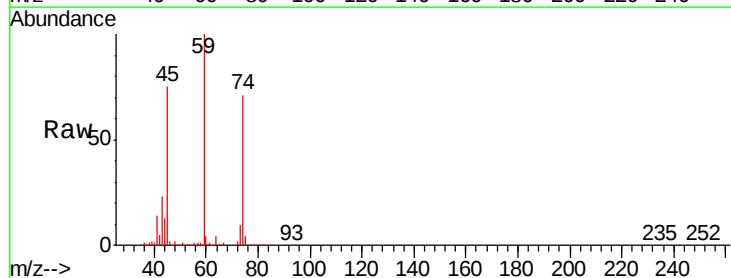
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 10/12/2018 11:45:06 AM



#8

Diethyl Ether
 Concen: 17.62 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.4	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.54 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

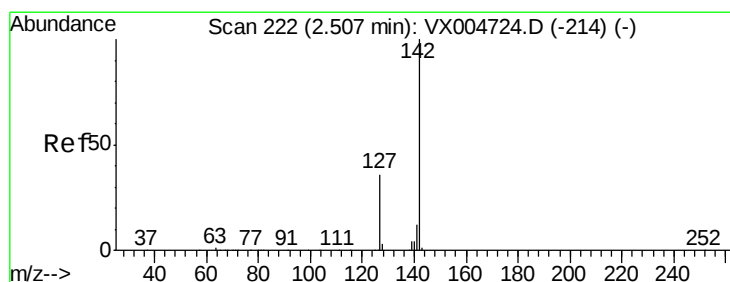
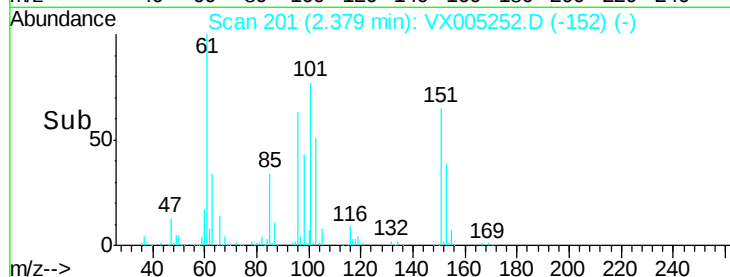
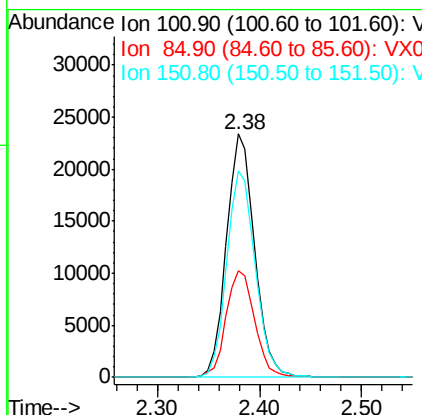
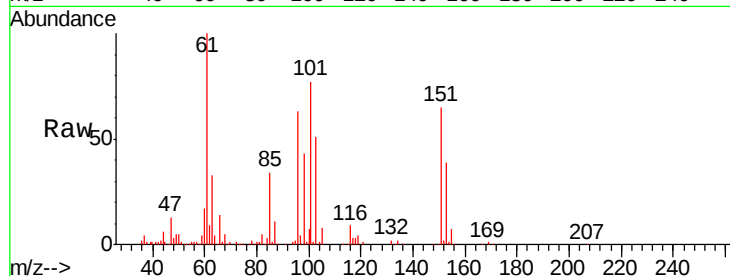
ClientSampleId :

VX1010WBS09

Tgt Ion:	101	Resp:	44538
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.9	53.9
151	86.4	66.6	100.0

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#10

Methyl Iodide

Concen: 7.01 ug/l

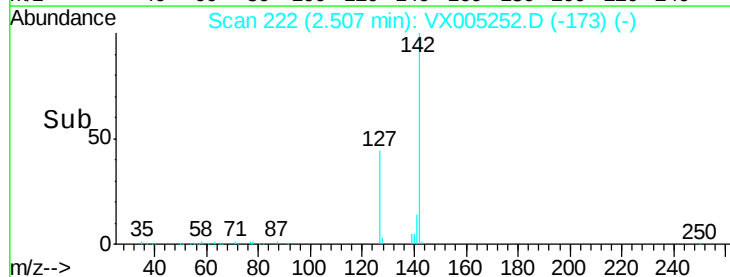
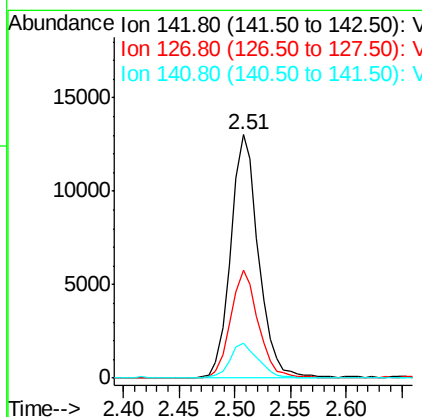
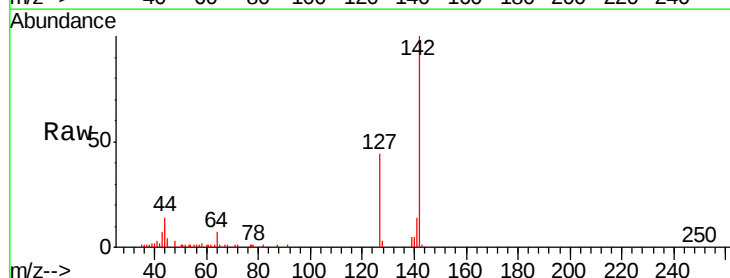
RT: 2.51 min Scan# 222

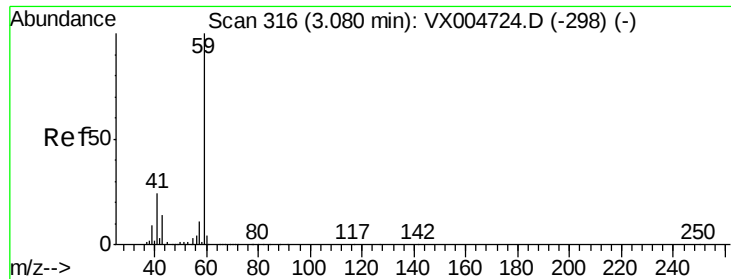
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	142	Resp:	22535
Ion Ratio	Lower	Upper	
142	100		
127	44.2	30.1	45.1
141	14.6	10.1	15.1





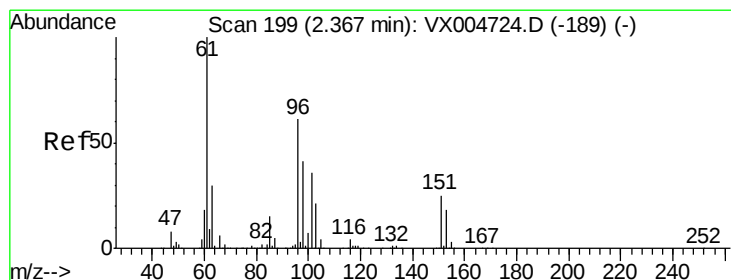
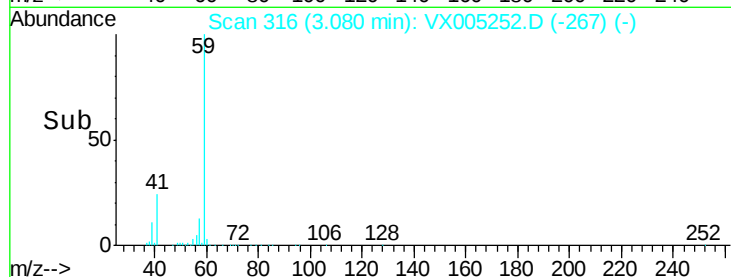
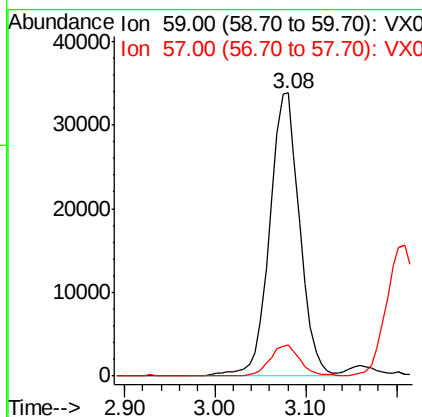
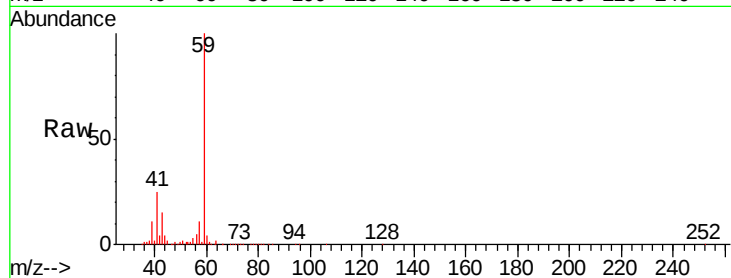
#11
Tert butyl alcohol
Concen: 88.42 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	12.8

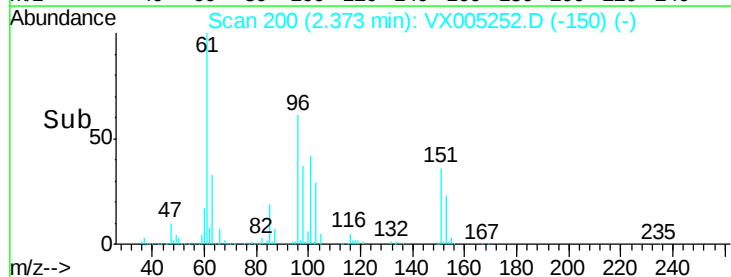
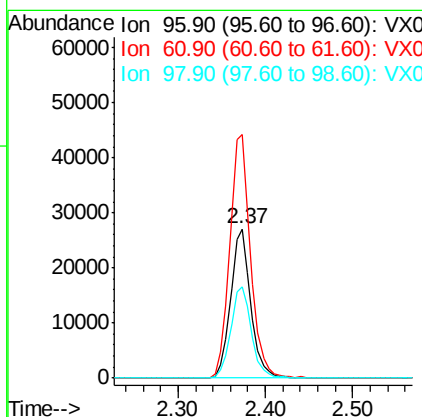
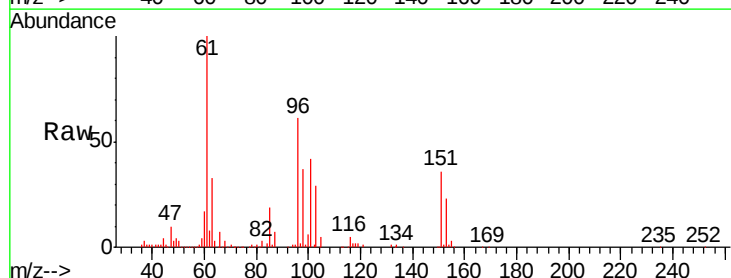
Manual Integrations
APPROVED

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10/12/2018 11:45:06 AM



#12
1,1-Dichloroethene
Concen: 18.26 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	130.2	195.4
98	61.1	53.4	80.0





#13

Acrolein

Concen: 61.24 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 56 Resp: 38216

Ion Ratio Lower Upper

56 100

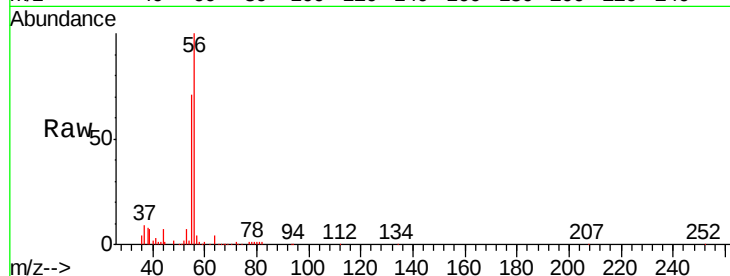
55 71.9 63.4 95.2

Manual Integrations

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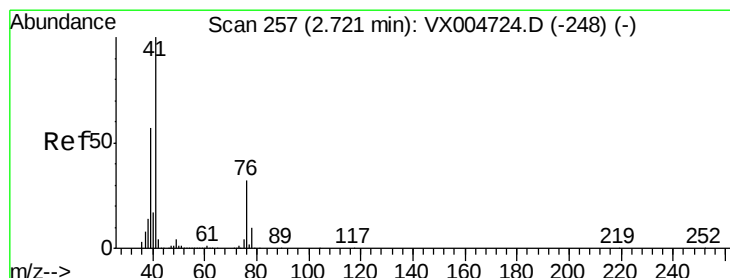
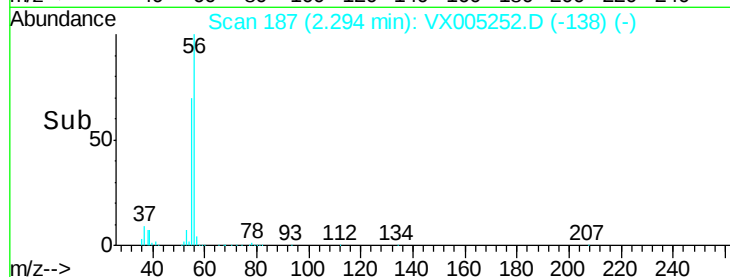
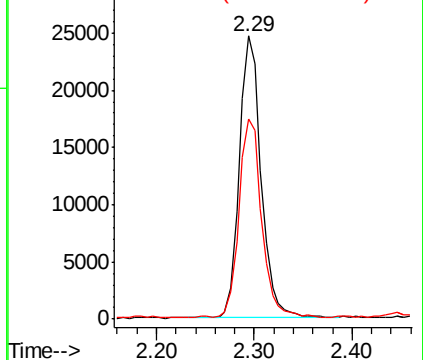
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.25 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

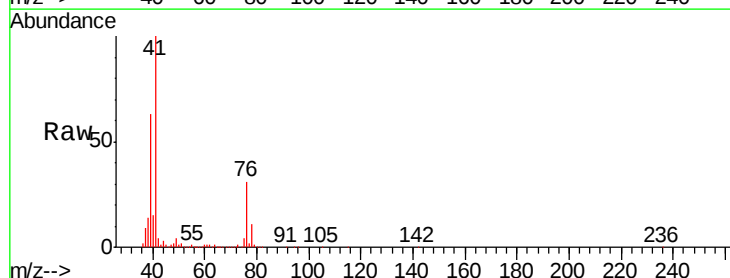
Tgt Ion: 41 Resp: 99958

Ion Ratio Lower Upper

41 100

39 57.0 44.1 66.1

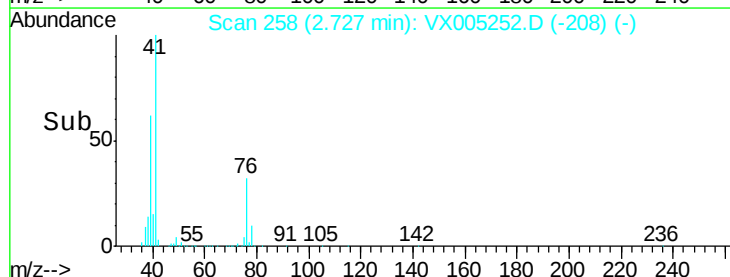
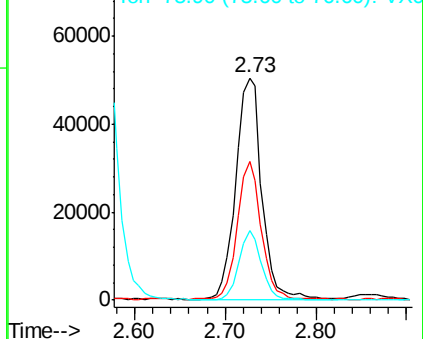
76 27.1 25.0 37.4

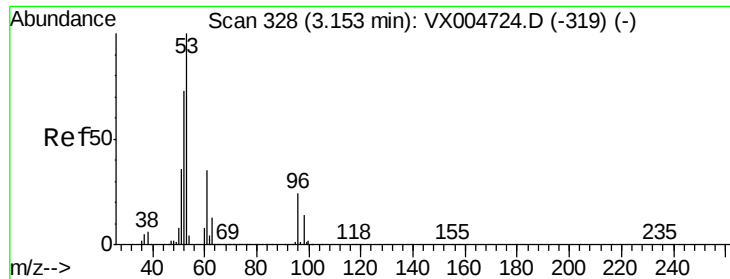


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





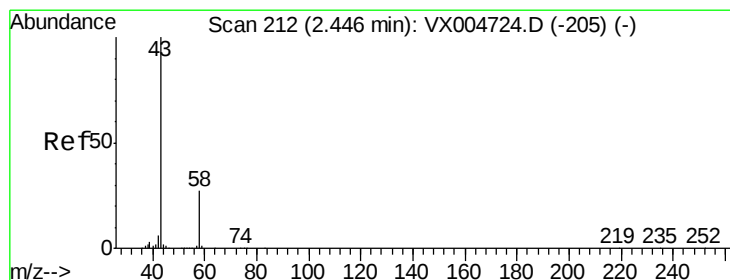
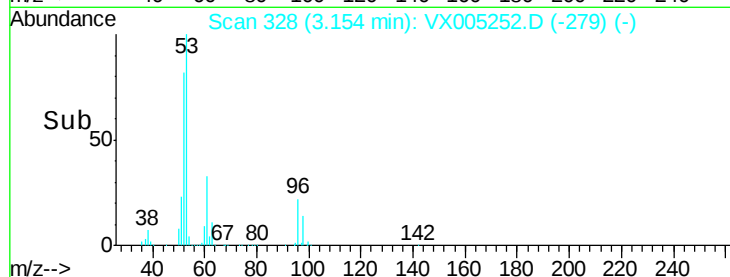
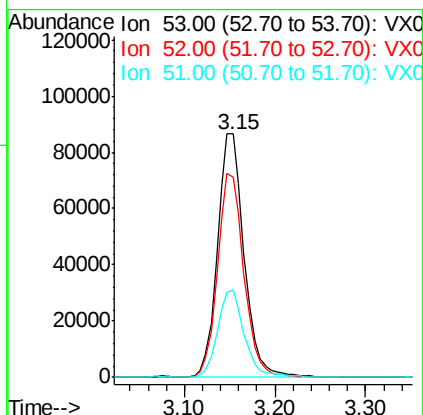
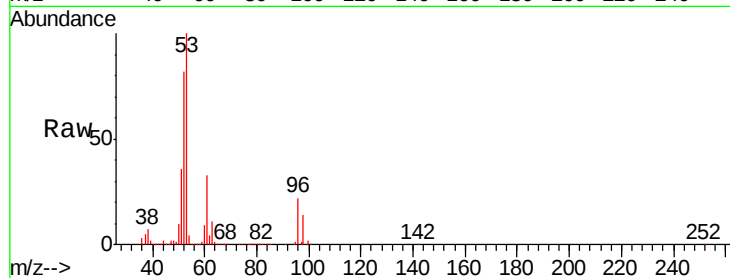
#15
Acrylonitrile
Concen: 91.03 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.4	63.0	94.4
51	36.2	28.6	42.8

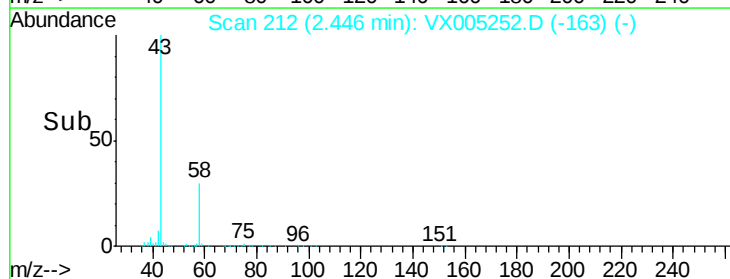
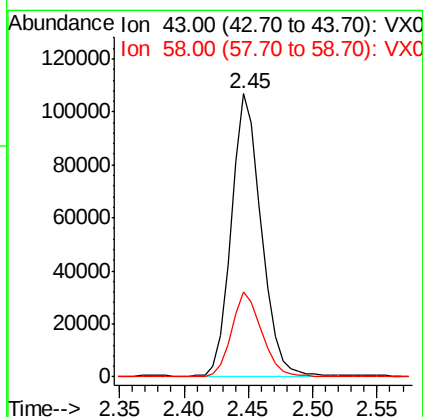
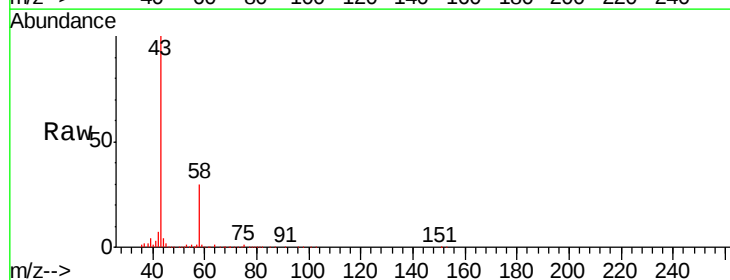
Manual Integrations
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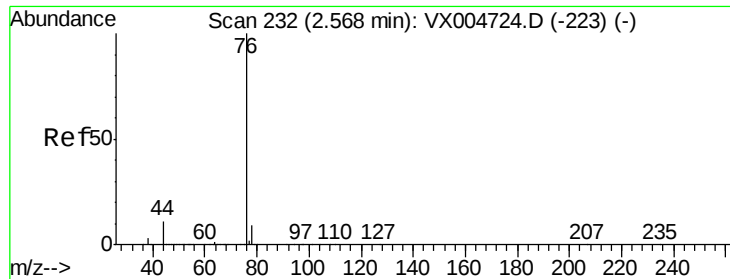
MMDadoda
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#16
Acetone
Concen: 94.00 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	21.8	32.6





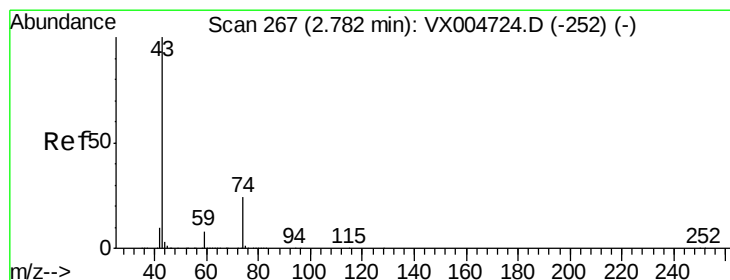
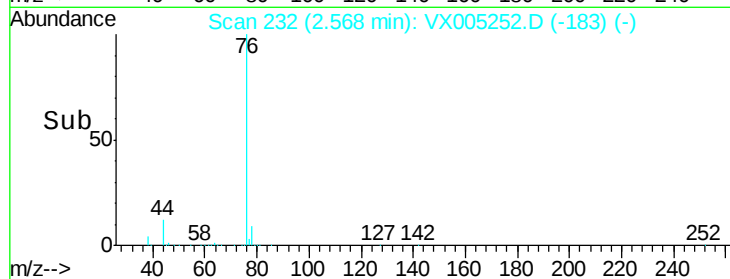
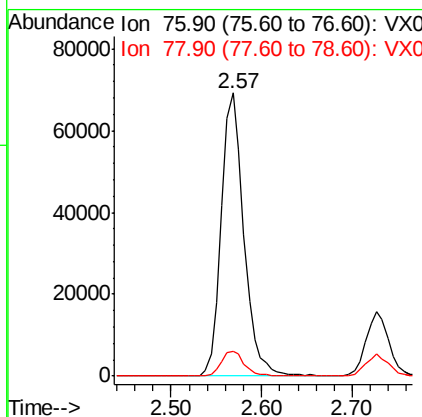
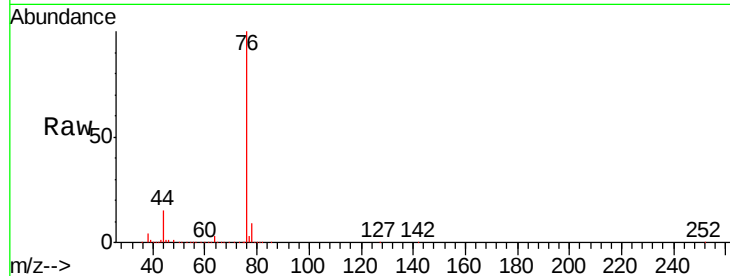
#17
Carbon Disulfide
Concen: 16.89 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

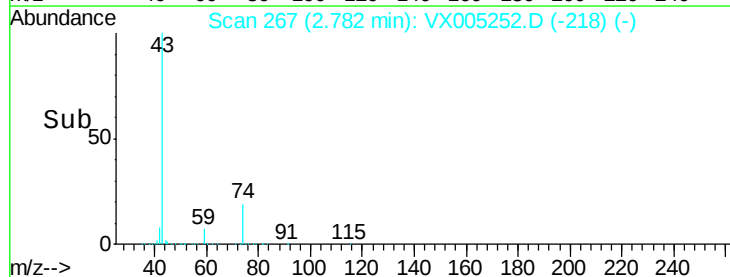
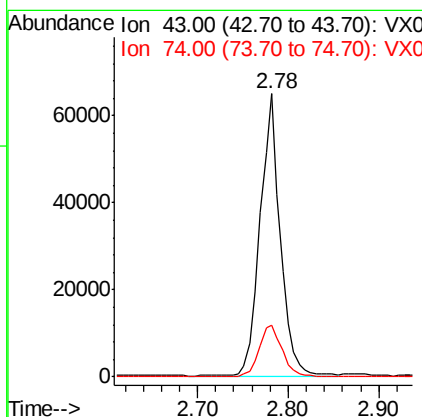
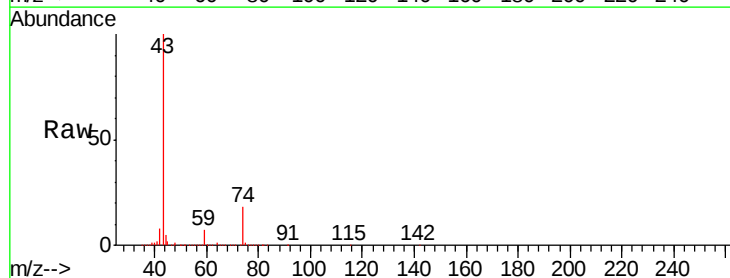
Manual Integrations
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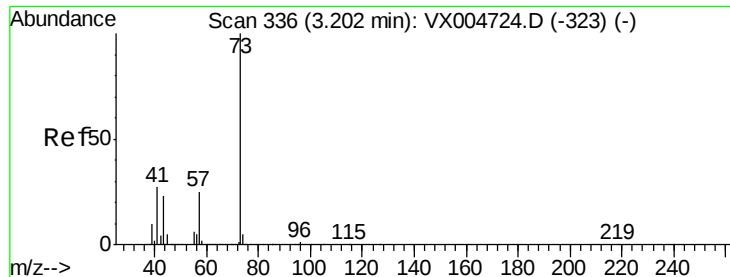
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#18
Methyl Acetate
Concen: 21.63 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	17.8	26.8





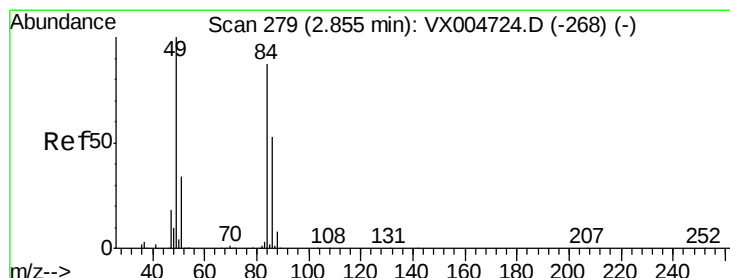
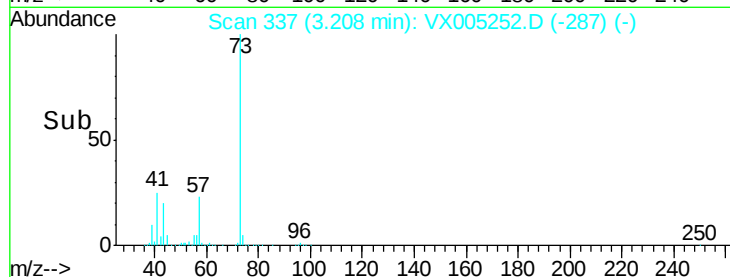
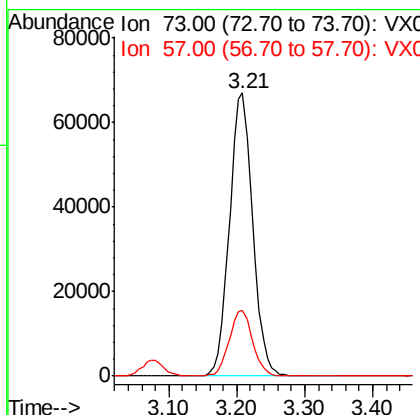
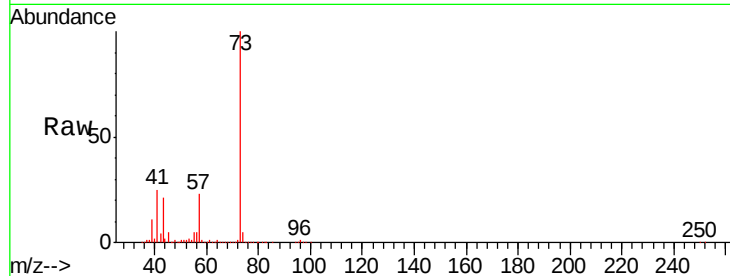
#19
Methyl tert-butyl Ether
Concen: 19.35 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.4	19.9	29.9

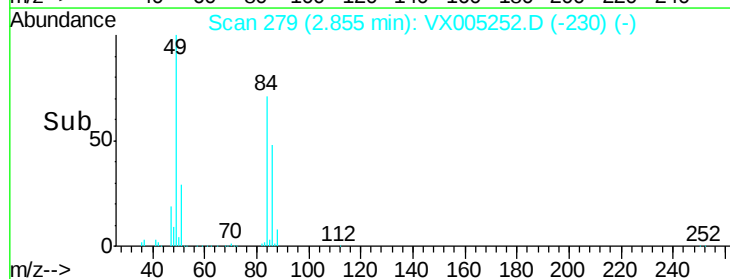
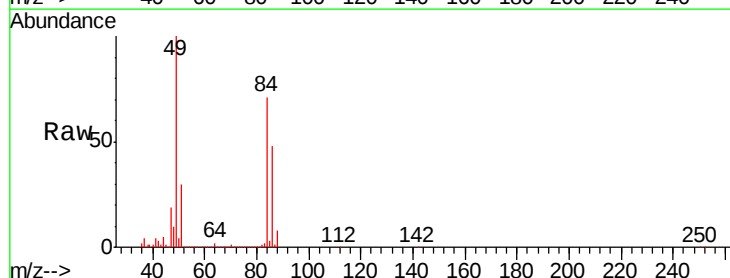
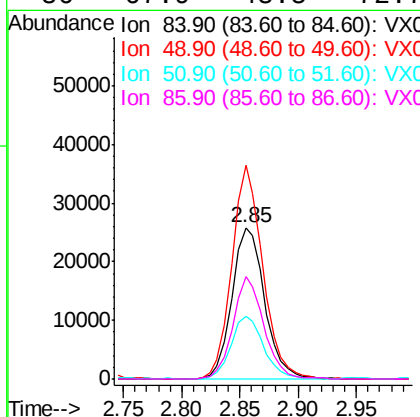
Manual Integrations
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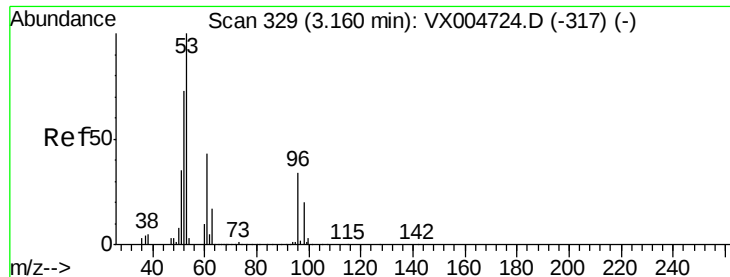
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#20
Methylene Chloride
Concen: 18.45 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.9	92.3	138.5#
51	41.7	31.8	47.6
86	67.9	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 17.55 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

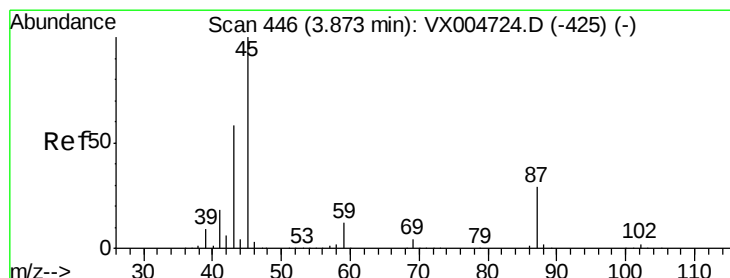
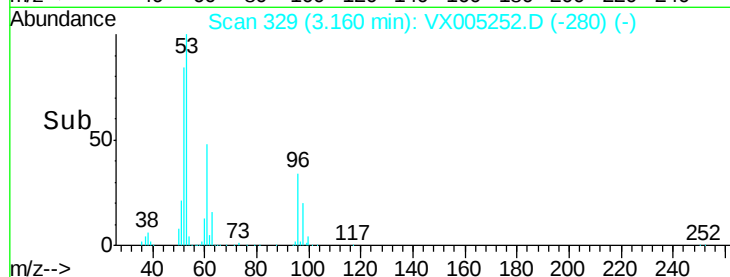
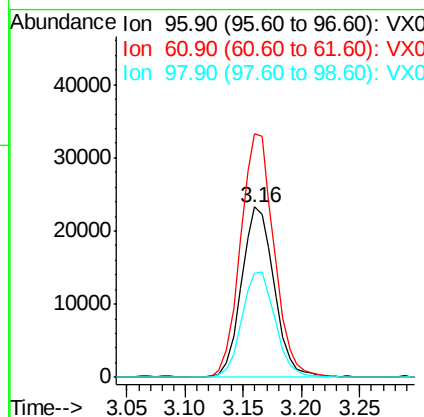
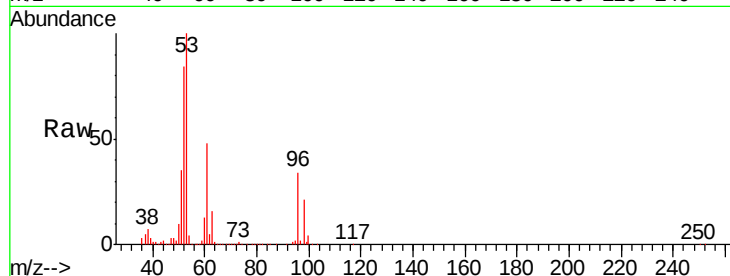
ClientSampleId :

VX1010WBS09

Tgt Ion:	96	Resp:	45704
Ion	Ratio	Lower	Upper
96	100		
61	142.7	101.0	151.6
98	61.0	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.69 ug/l

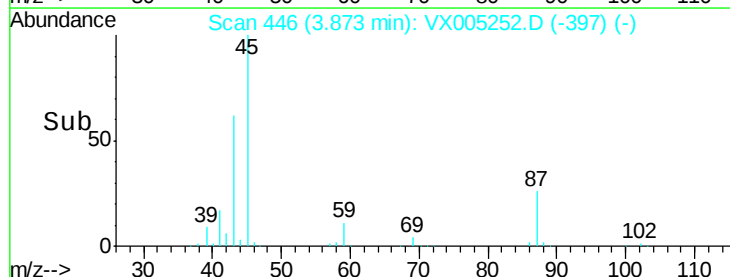
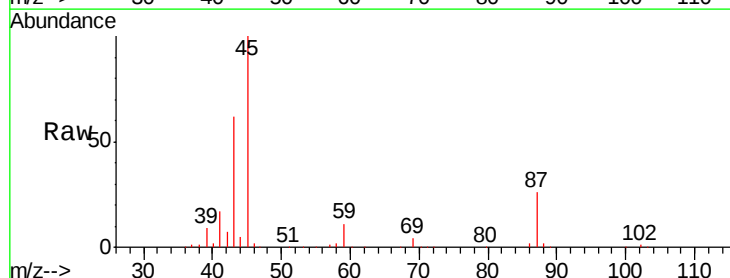
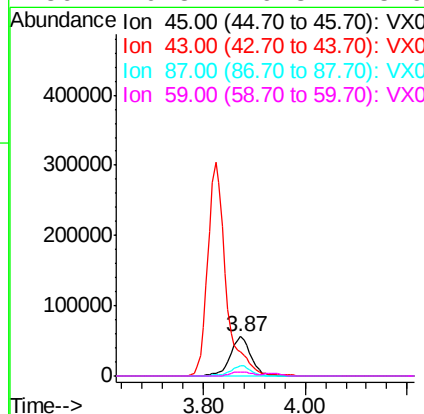
RT: 3.87 min Scan# 446

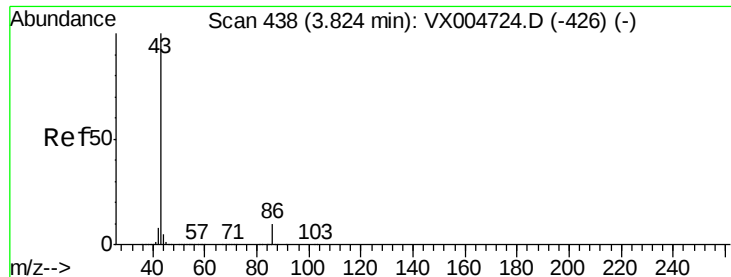
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	45	Resp:	154602
Ion	Ratio	Lower	Upper
45	100		
43	61.8	46.7	70.1
87	26.4	22.9	34.3
59	10.8	9.3	13.9





#23

Vinyl Acetate

Concen: 94.03 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion: 43 Resp: 752466

Ion Ratio Lower Upper

43 100

86 9.2 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

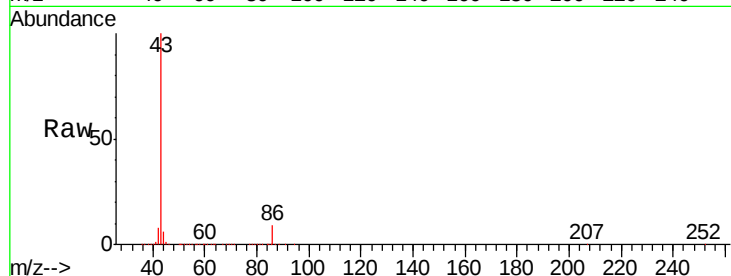
VX1010WBS09

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

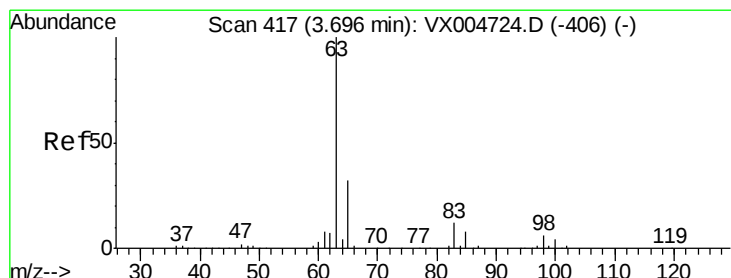
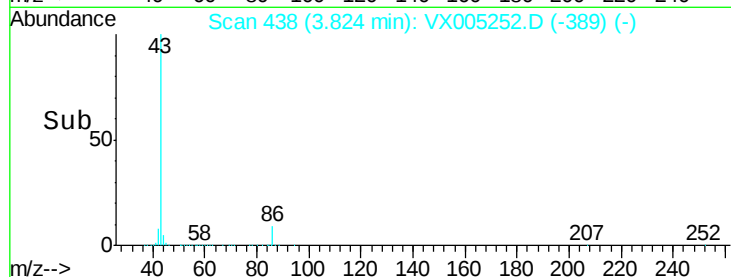
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 17.98 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

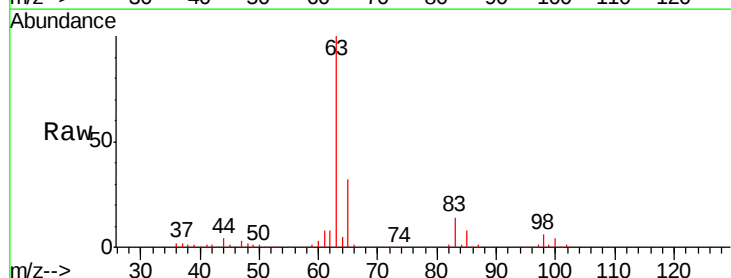
Tgt Ion: 63 Resp: 93762

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.8 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

50000

40000

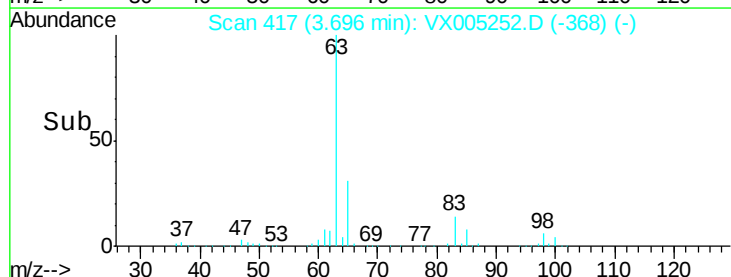
30000

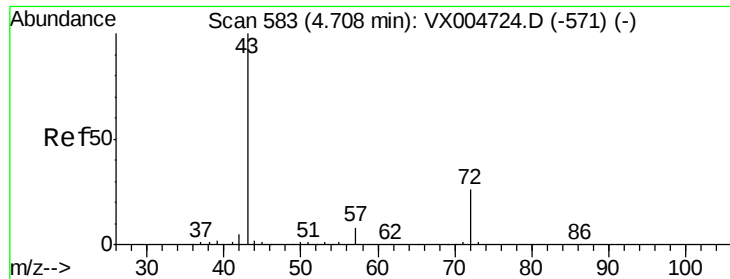
20000

10000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 84.90 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 43 Resp: 229176

Ion Ratio Lower Upper

43 100

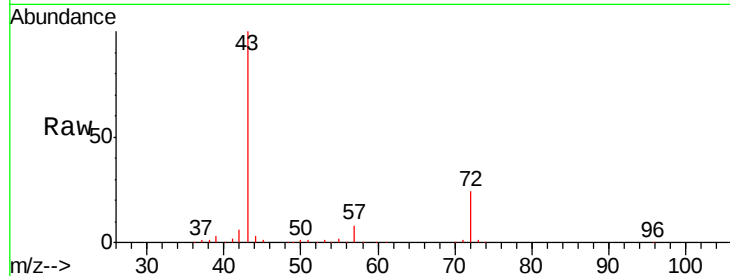
72 24.5 20.8 31.2

Manual Integrations

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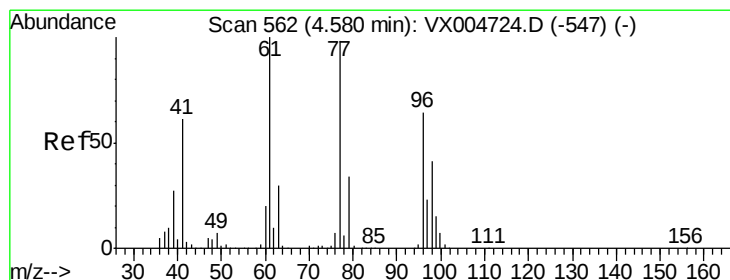
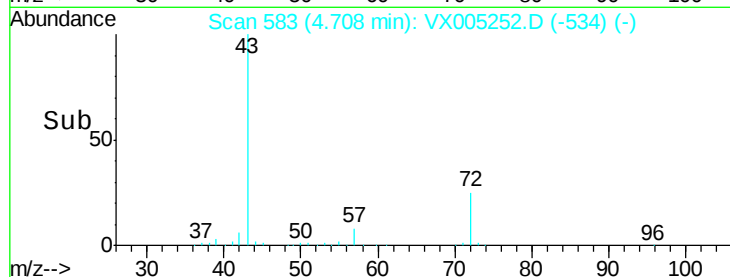
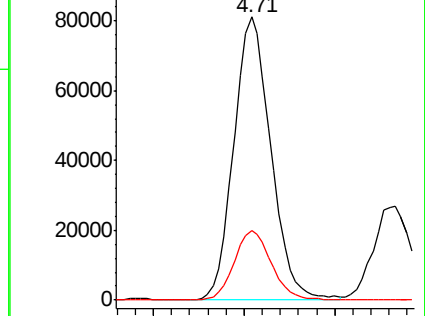
MMDadoda

10/12/2018 11:45:06 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: 18.46 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005252.D

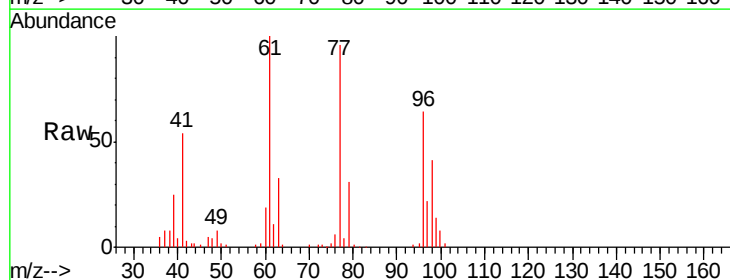
Acq: 11 Oct 2018 13:28

Tgt Ion: 77 Resp: 67026

Ion Ratio Lower Upper

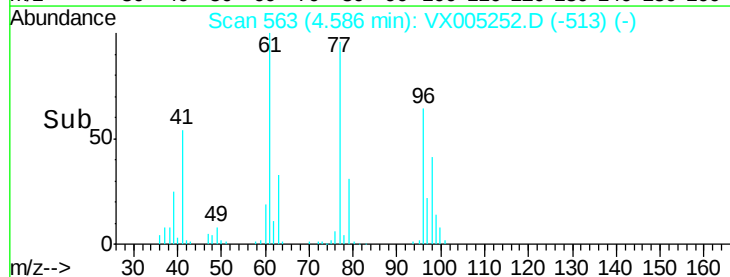
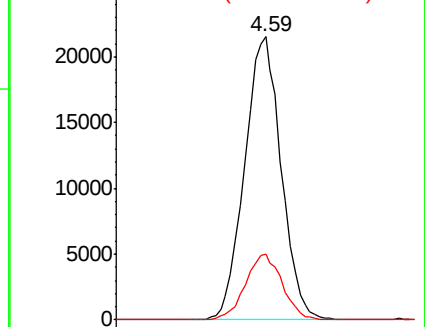
77 100

97 23.4 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: 16.43 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

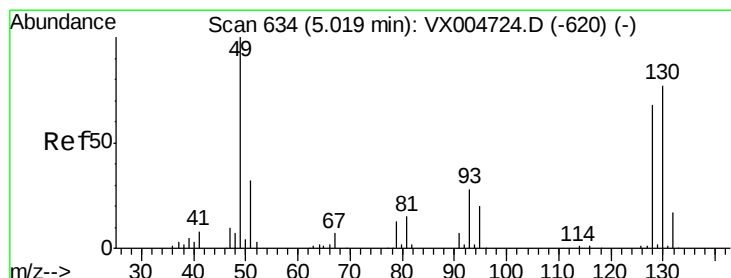
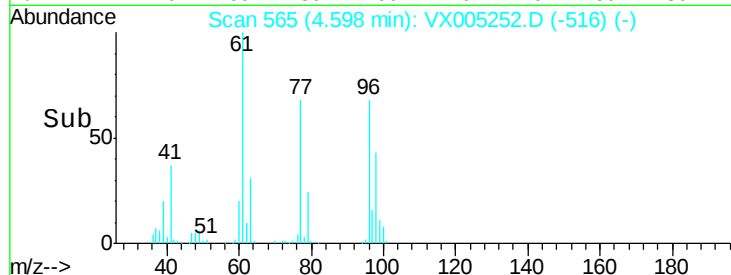
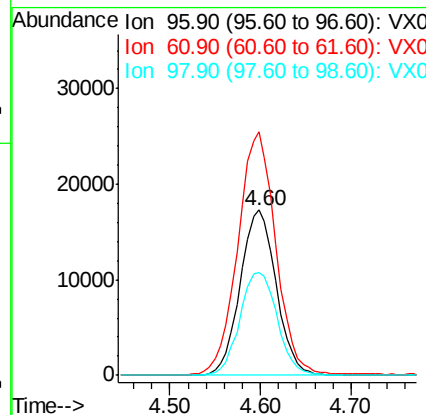
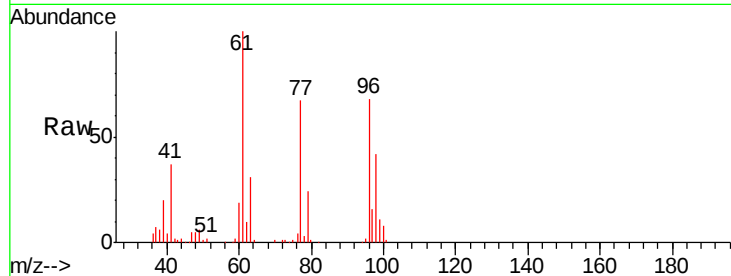
ClientSampleId :

VX1010WBS09

Tgt Ion:	96	Resp:	47802
Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	285.8
98	64.5	0.0	136.2

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#28

Bromochloromethane

Concen: 14.48 ug/l

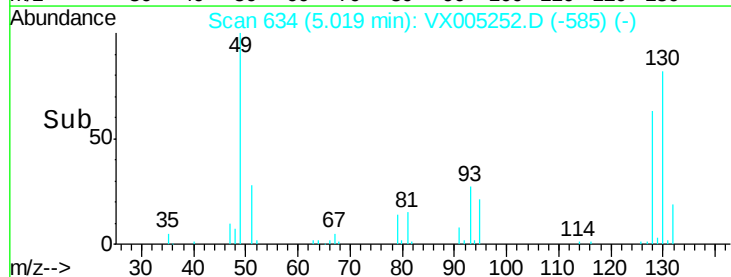
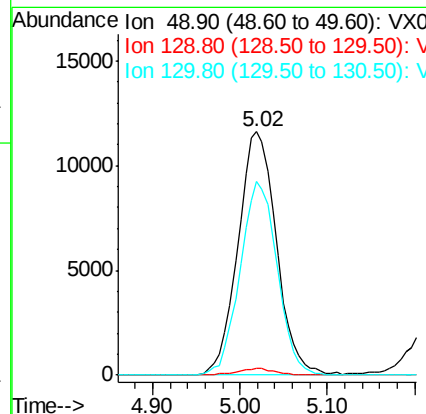
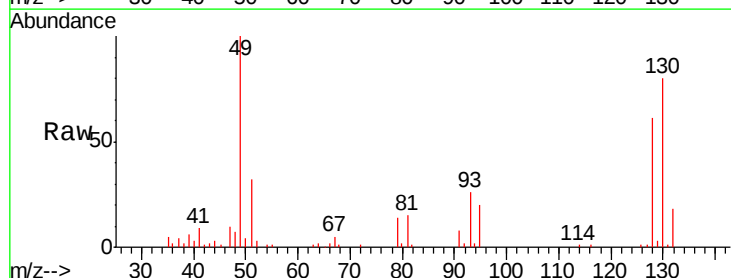
RT: 5.02 min Scan# 634

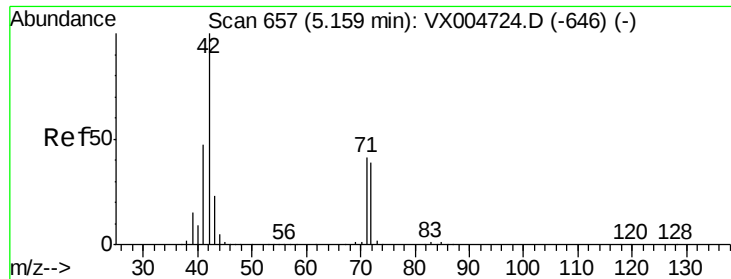
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	49	Resp:	35554
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	76.6	62.0	93.0





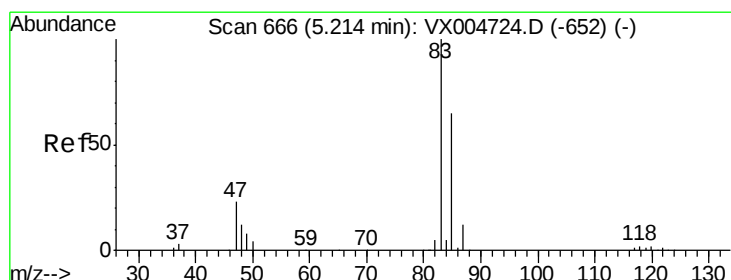
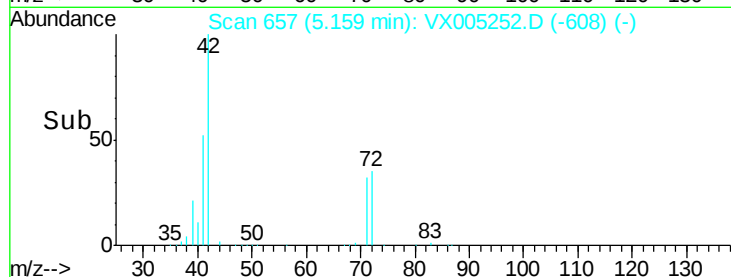
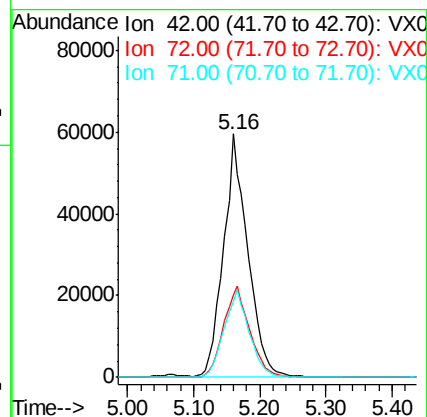
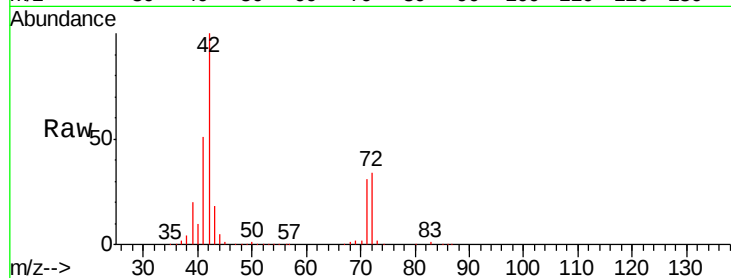
#29
Tetrahydrofuran
Concen: 89.55 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.7	33.7	50.5
71	37.7	32.2	48.4

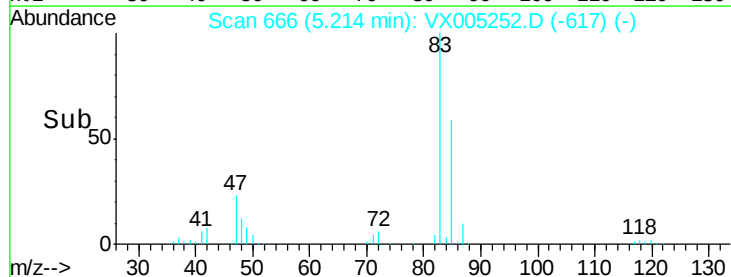
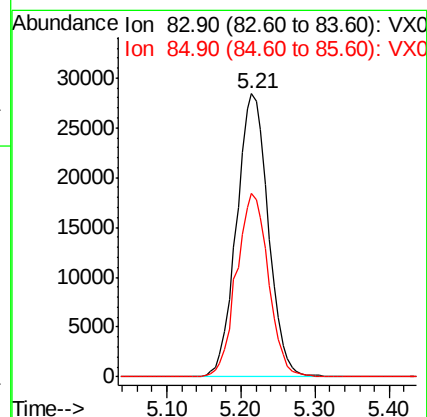
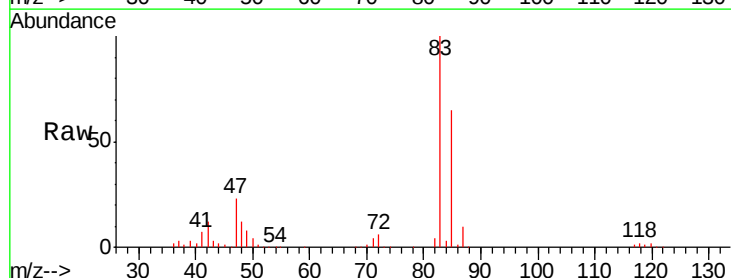
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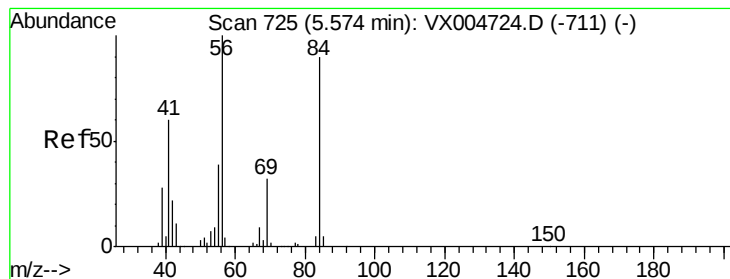
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#30
Chloroform
Concen: 17.25 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





#31

Cyclohexane

Concen: 17.15 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

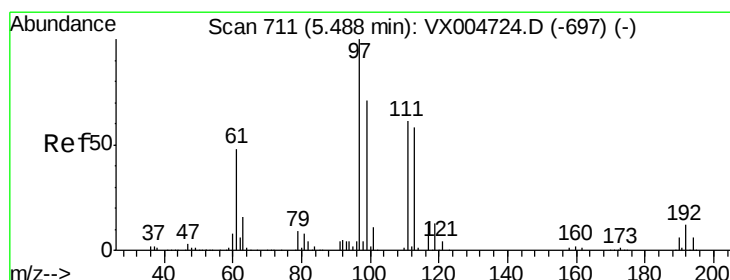
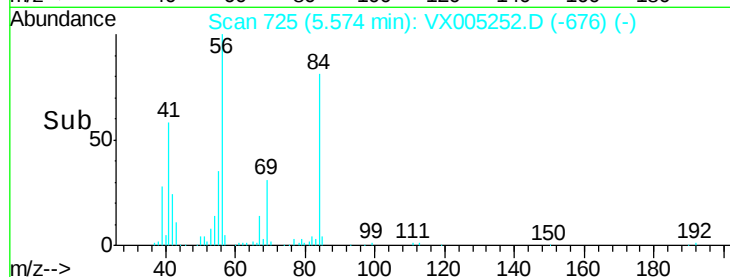
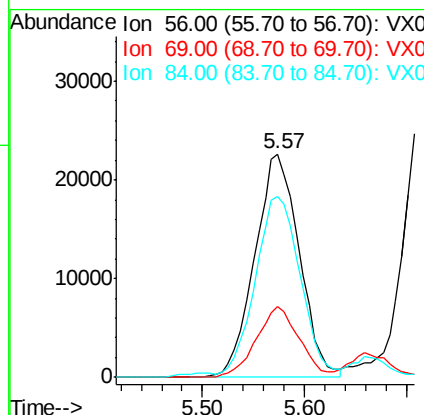
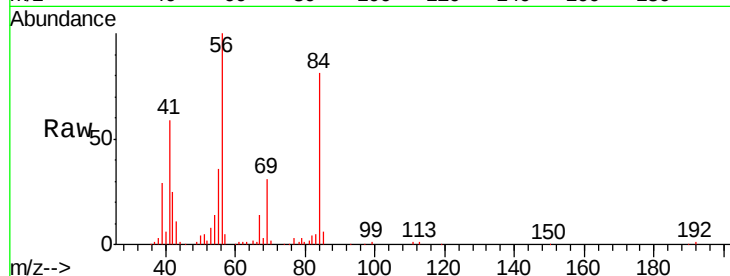
ClientSampleId :

VX1010WBS09

Tgt Ion:	56	Resp:	68449
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.9	38.9
84	79.6	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 17.80 ug/l

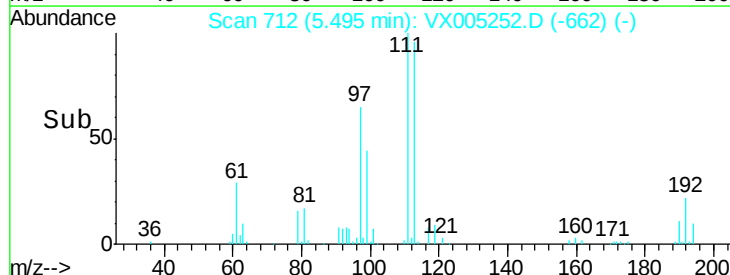
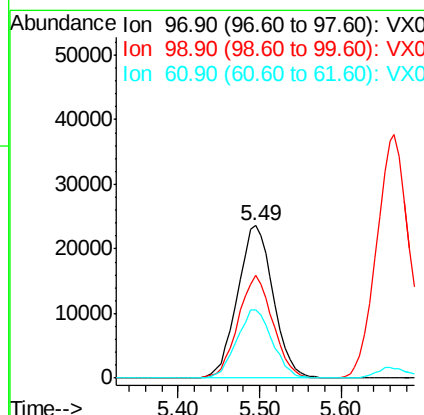
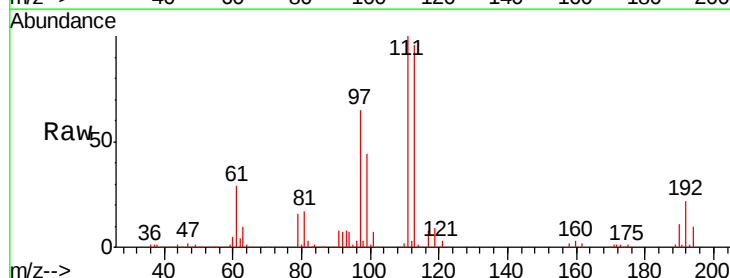
RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	97	Resp:	71625
Ion	Ratio	Lower	Upper
97	100		
99	65.4	54.6	82.0
61	45.0	37.5	56.3





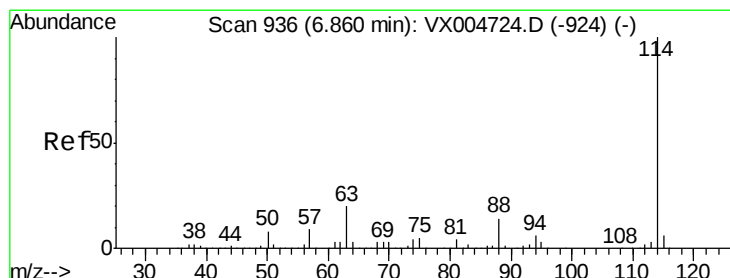
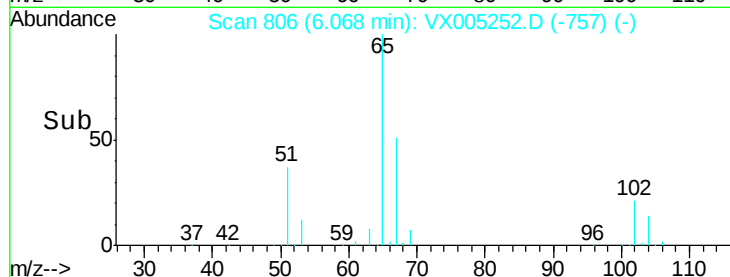
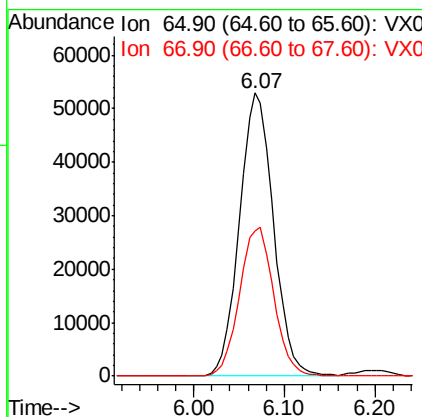
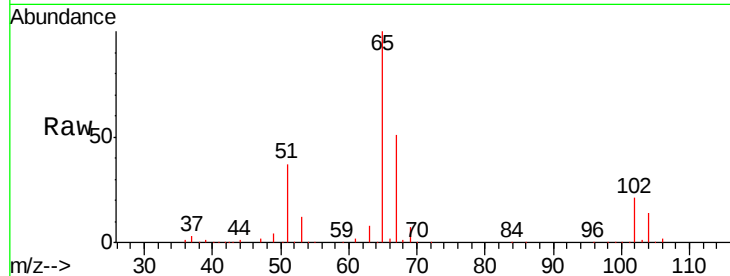
#33
 1,2-Dichloroethane-d4
 Concen: 43.83 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	137493		
67	53.1	0.0	107.4	

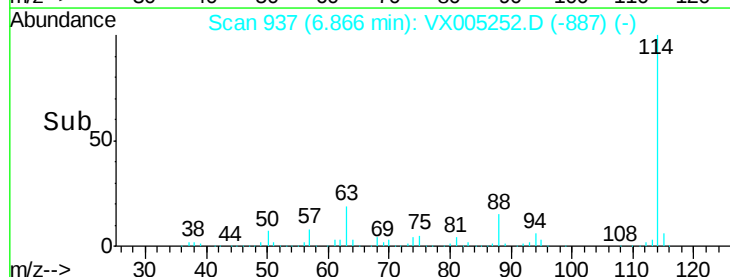
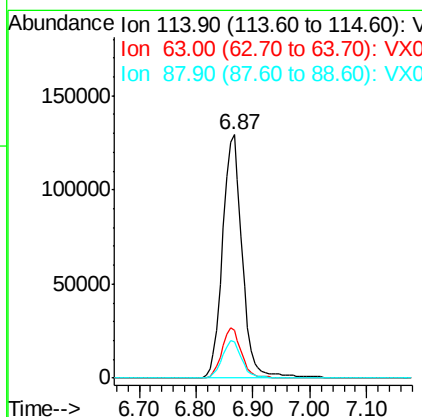
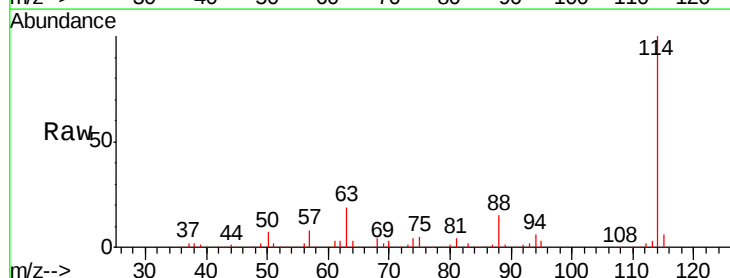
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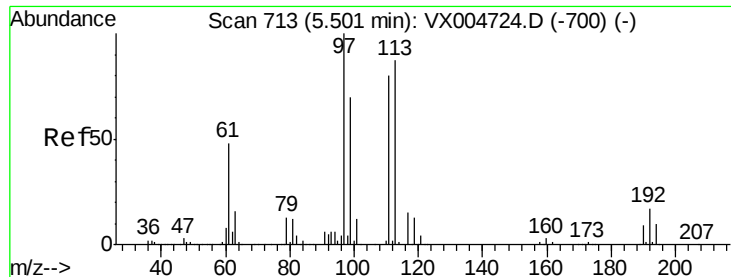
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	311237		
63	19.4	0.0	39.8	
88	15.1	0.0	27.0	





#35

Dibromofluoromethane

Concen: 42.51 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

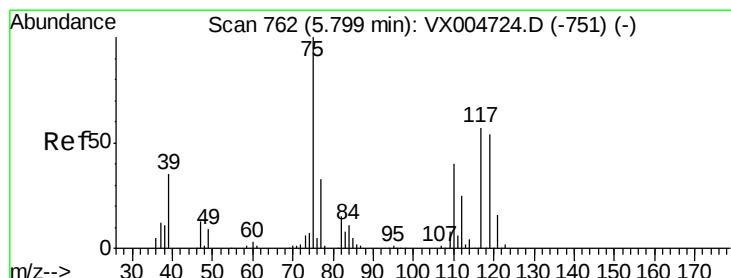
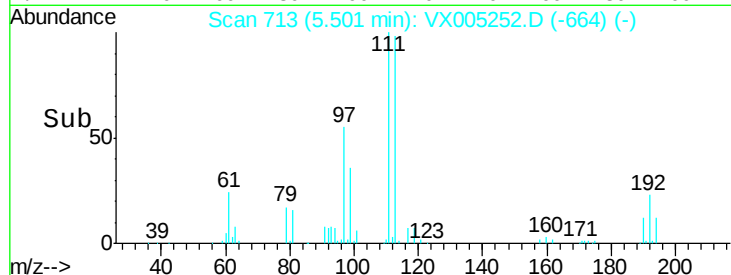
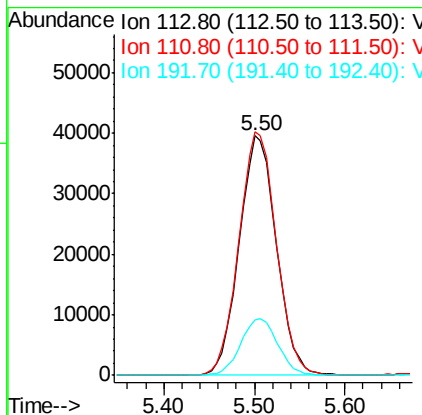
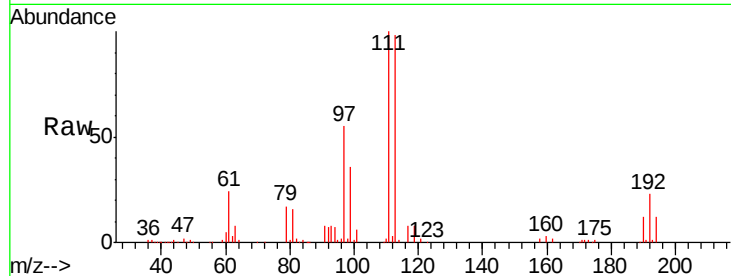
ClientSampleId :

VX1010WBS09

Tgt Ion:	113	Resp:	112121
Ion Ratio	Lower	Upper	
113	100		
111	102.6	77.0	115.4
192	23.7	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 16.44 ug/l

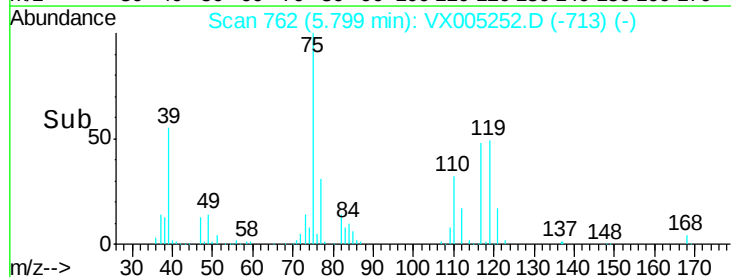
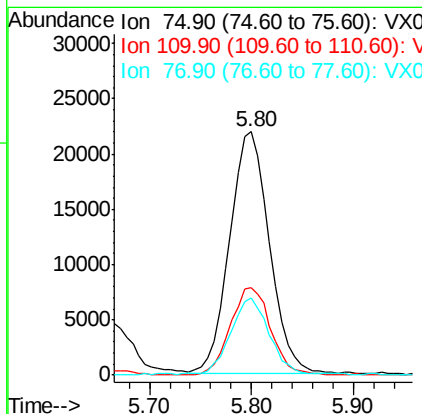
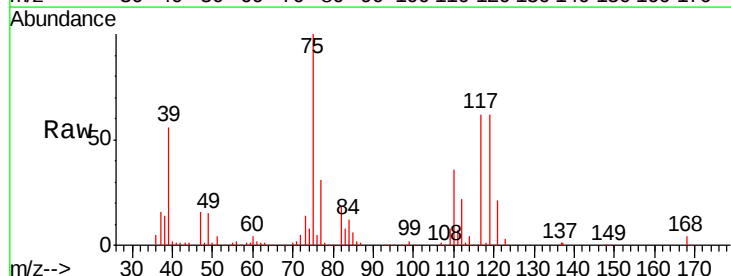
RT: 5.80 min Scan# 762

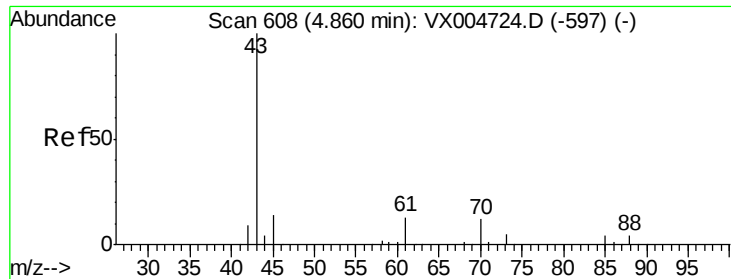
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	75	Resp:	59151
Ion Ratio	Lower	Upper	
75	100		
110	36.9	20.0	59.9
77	30.6	27.1	40.7





#37

Ethyl Acetate

Concen: 16.98 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

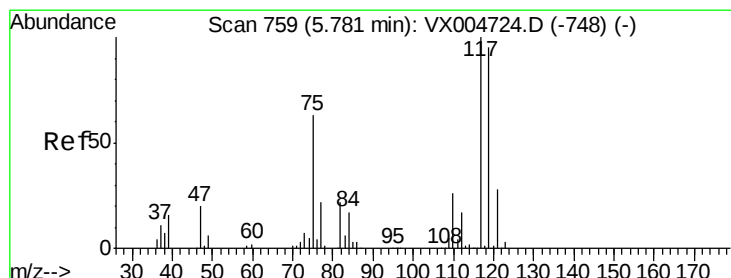
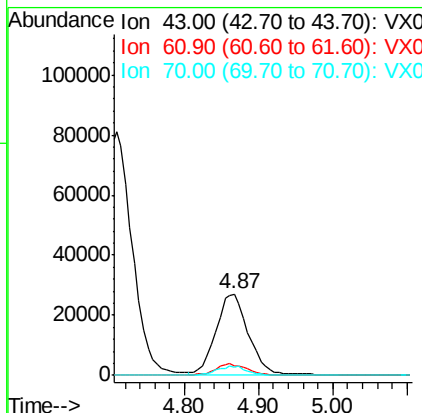
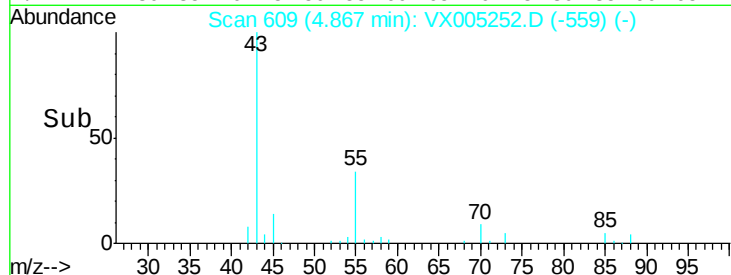
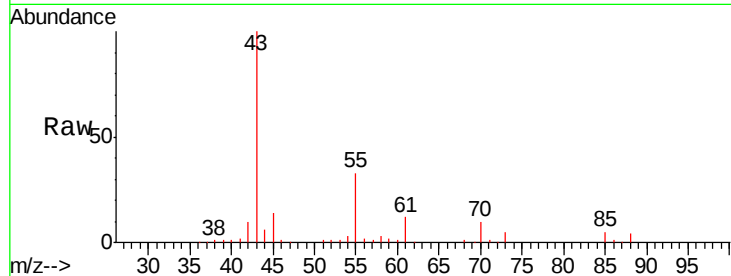
ClientSampleId :

VX1010WBS09

Tgt Ion:	43	Resp:	81135
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.8	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 16.62 ug/l

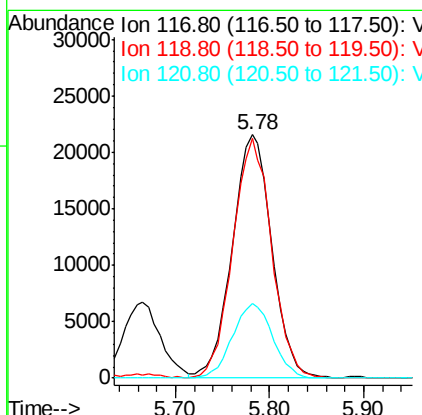
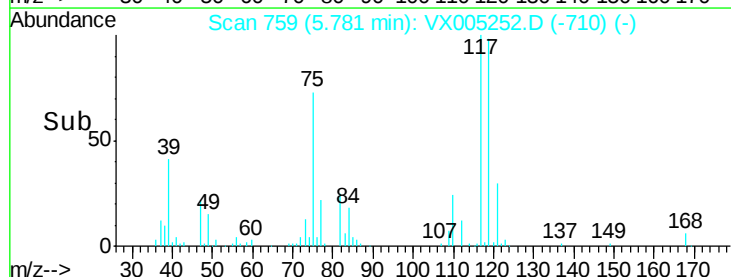
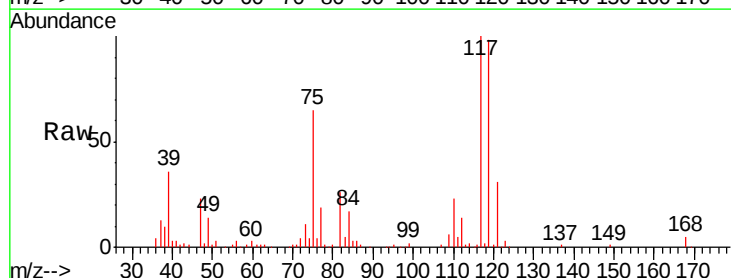
RT: 5.78 min Scan# 759

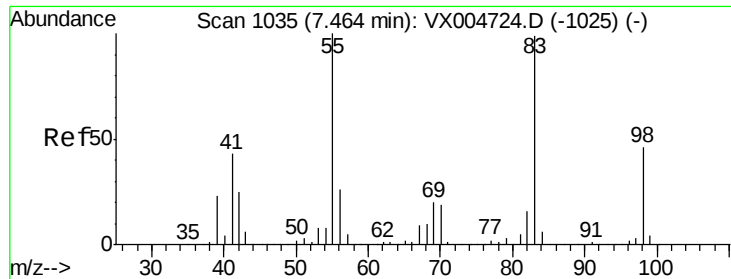
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	117	Resp:	62859
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.2	112.8
121	30.6	22.5	33.7





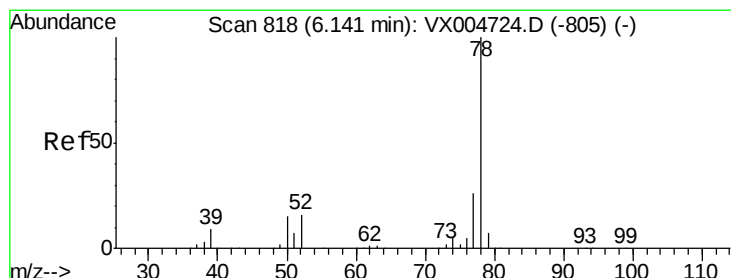
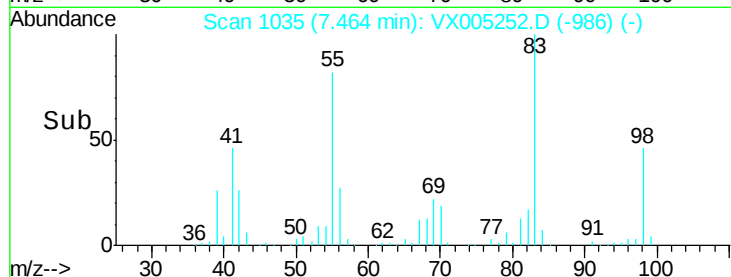
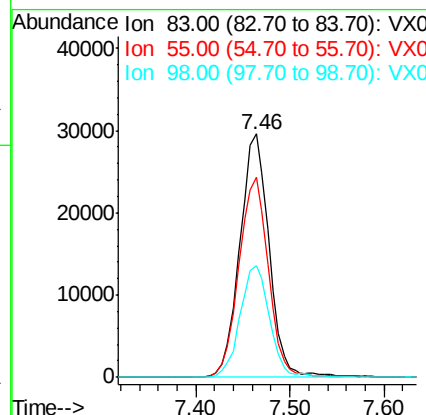
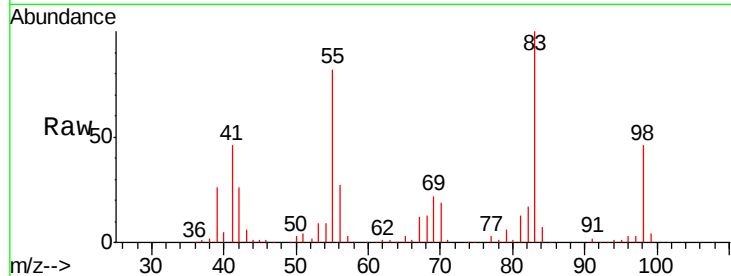
#39
Methylcyclohexane
Concen: 17.44 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.3	81.1	121.7
98	45.9	37.3	55.9

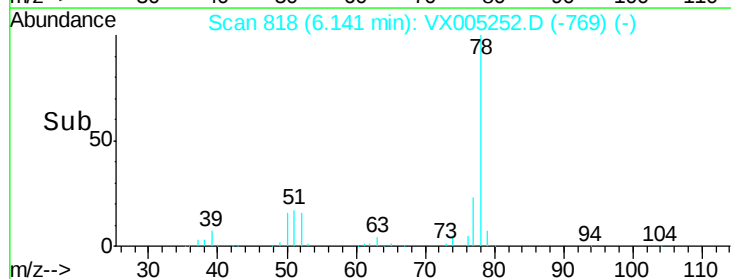
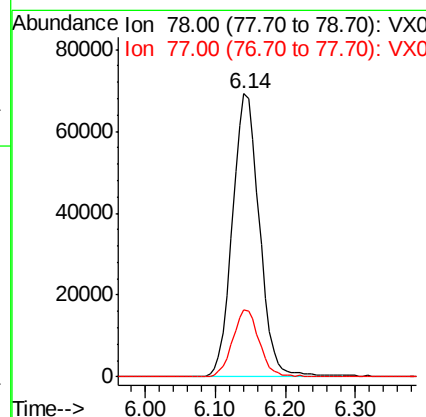
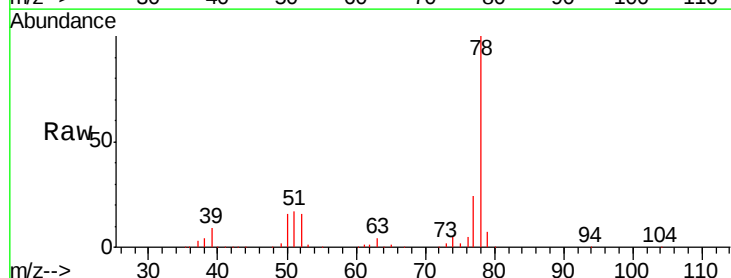
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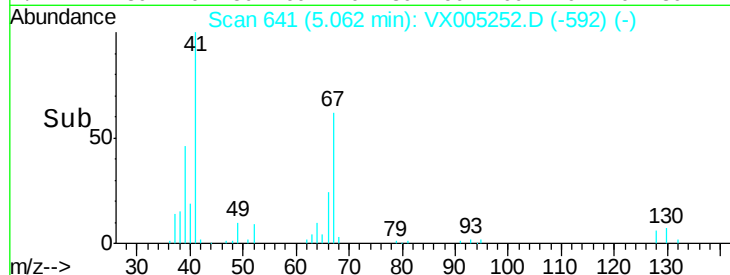
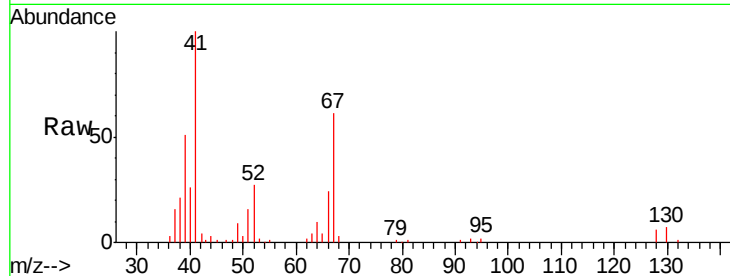
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#40
Benzene
Concen: 16.50 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	21.0	31.4





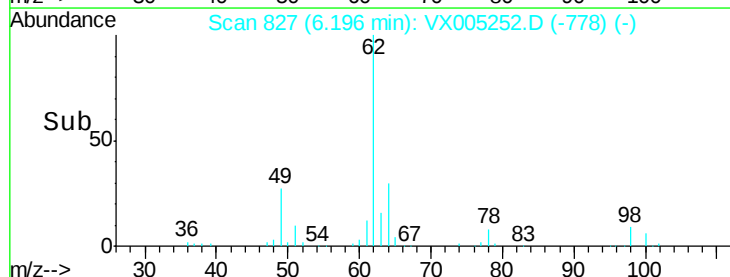
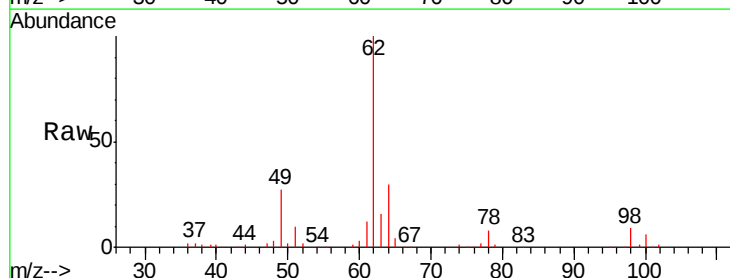
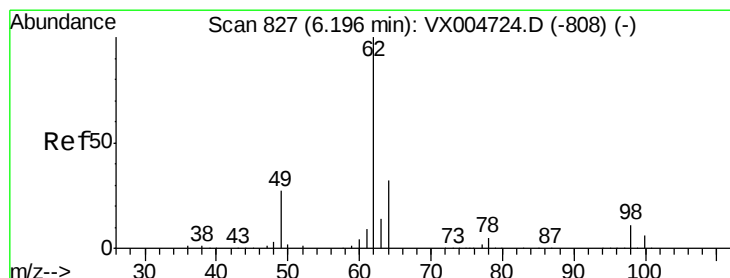
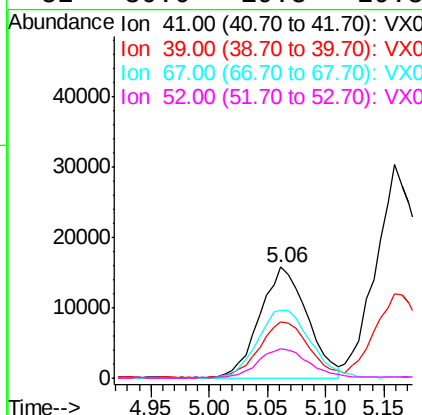
#41
Methacrylonitrile
Concen: 16.69 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.5	63.7
67	69.2	53.0	79.6
52	30.0	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

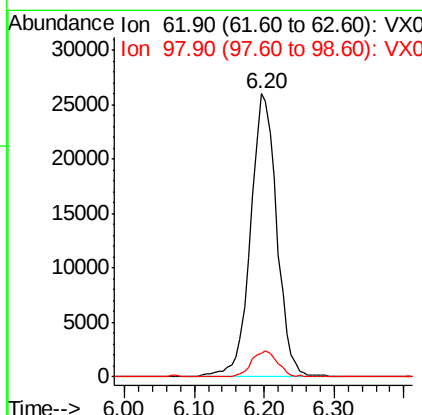
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#42
1,2-Dichloroethane
Concen: 17.06 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 16.64 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

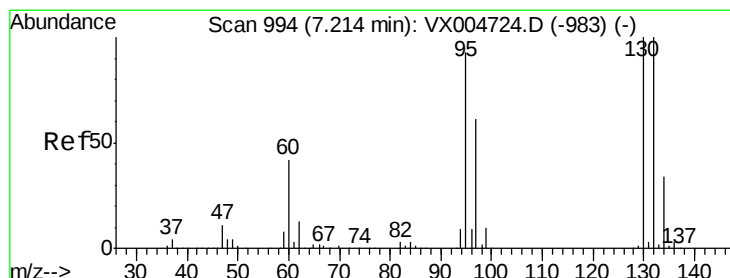
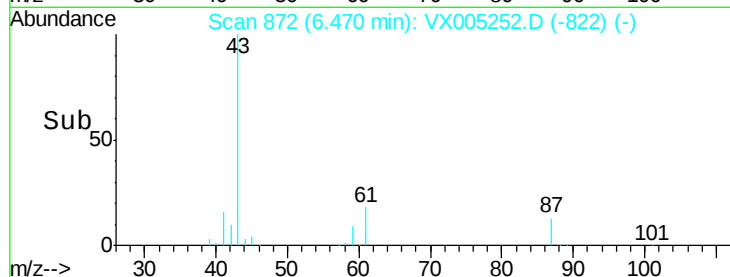
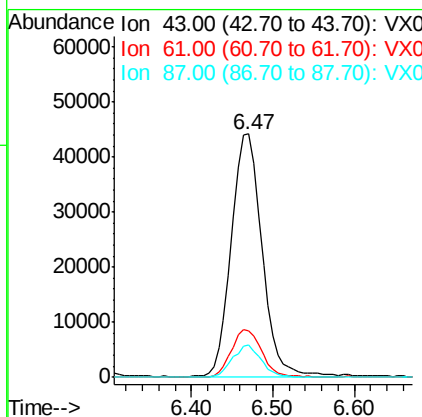
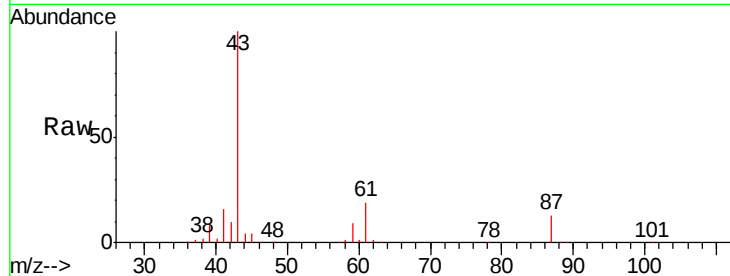
ClientSampleId :

VX1010WBS09

Tgt Ion:	43	Resp:	114742
Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.2	21.4
87	12.5	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 17.50 ug/l

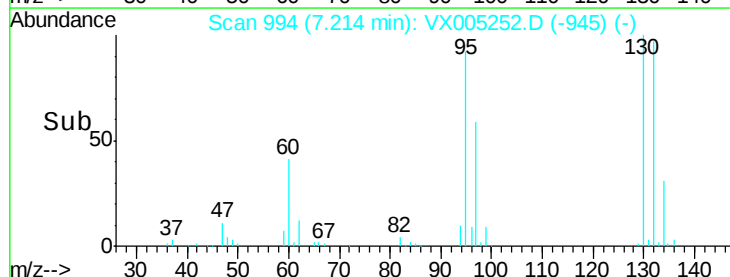
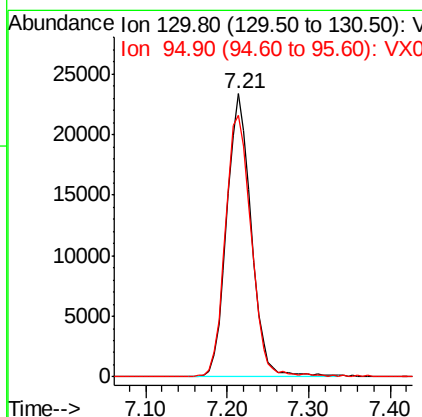
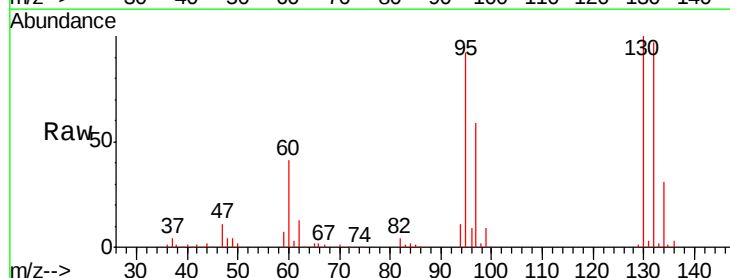
RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	130	Resp:	48464
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	186.8





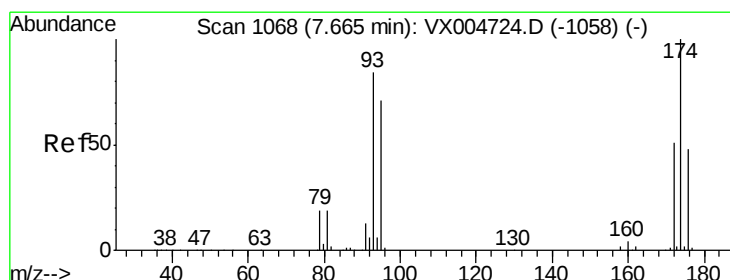
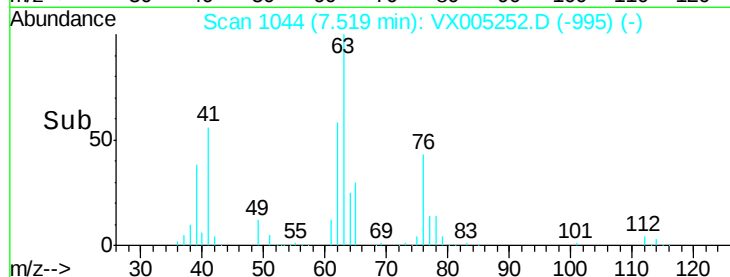
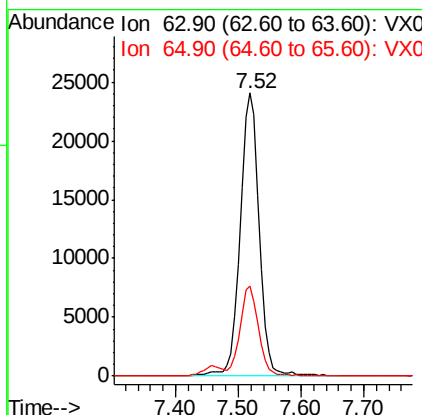
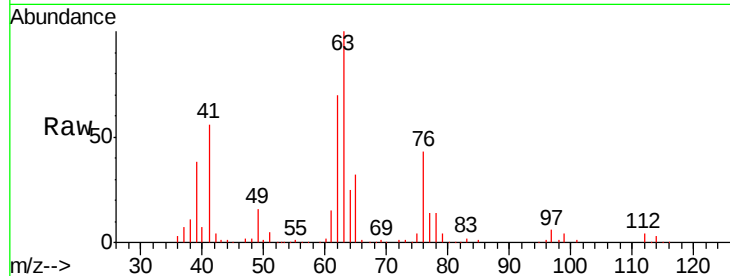
#45
 1,2-Dichloropropane
 Concen: 18.28 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion: 63 Resp: 50497
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.9 35.9

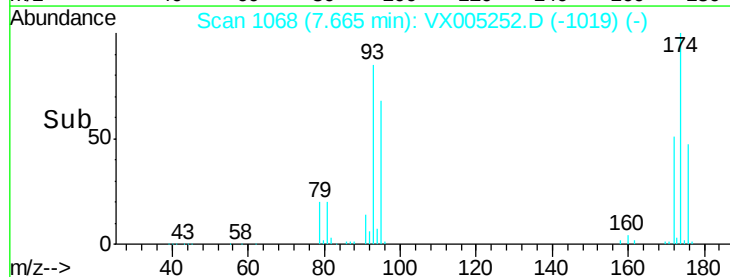
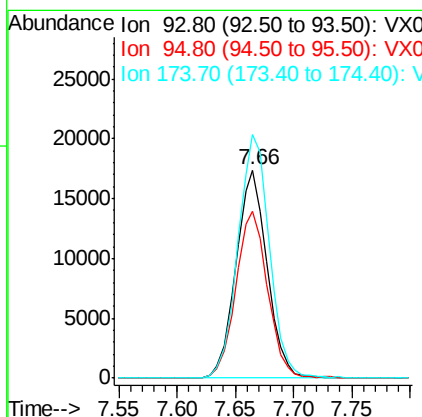
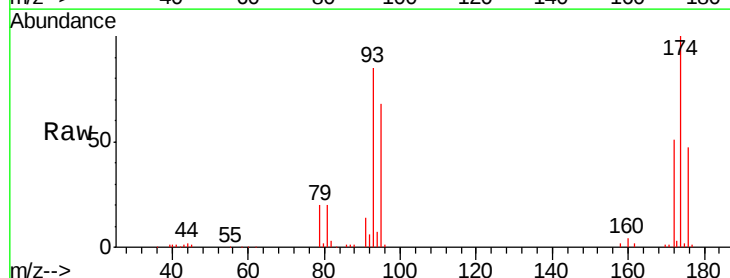
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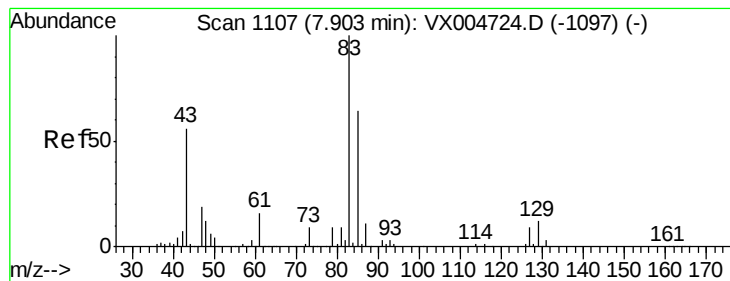
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#46
 Dibromomethane
 Concen: 18.62 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion: 93 Resp: 32335
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.7 100.1
 174 118.6 92.7 139.1





#47

Bromodichloromethane

Concen: 19.02 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

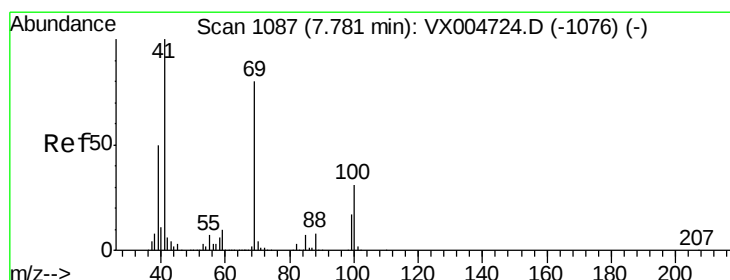
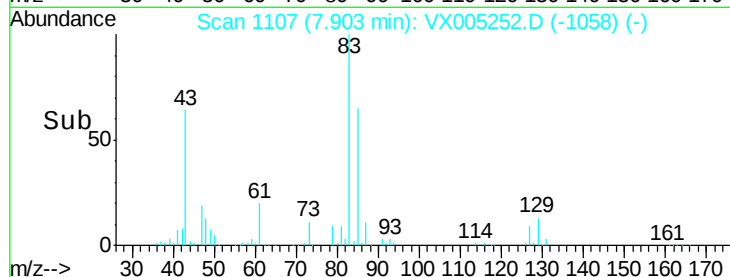
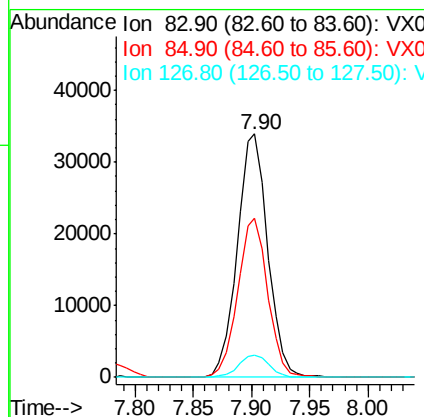
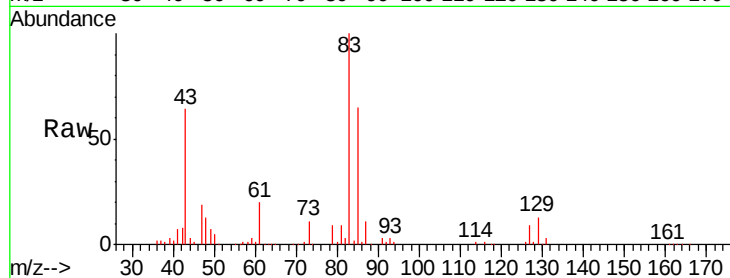
ClientSampleId :

VX1010WBS09

Tgt Ion:	83	Resp:	61824
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	9.1	7.0	10.6

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#48

Methyl methacrylate

Concen: 19.34 ug/l

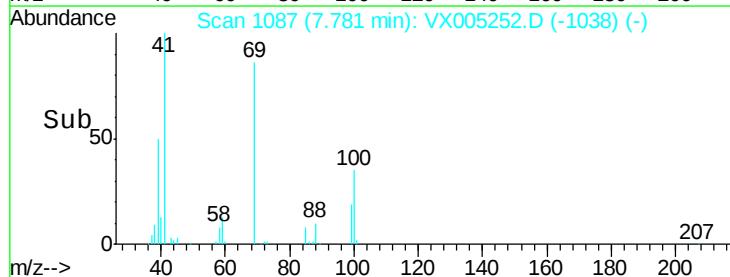
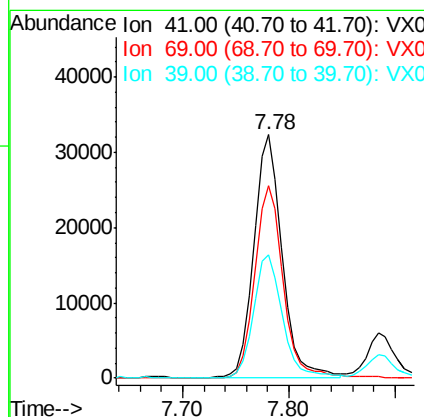
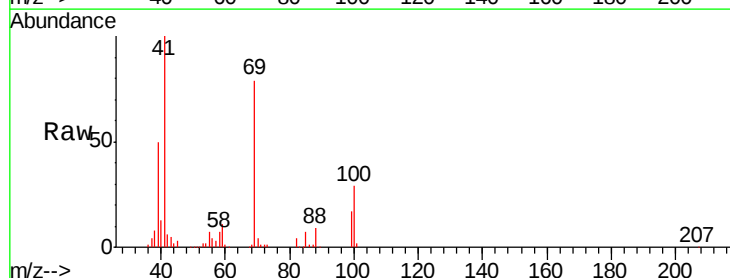
RT: 7.78 min Scan# 1087

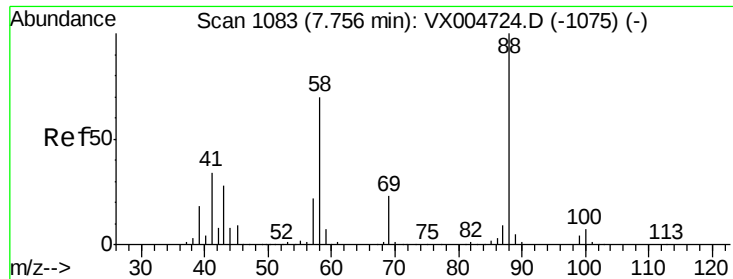
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	41	Resp:	60514
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.8	95.6
39	51.1	40.7	61.1





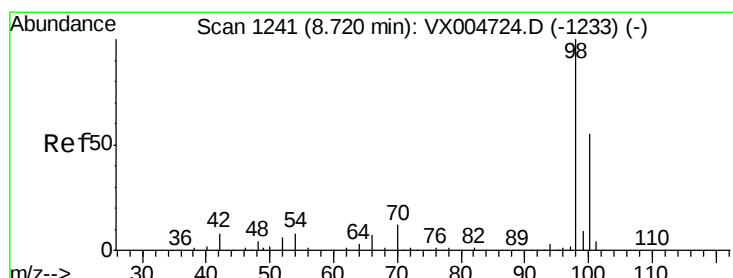
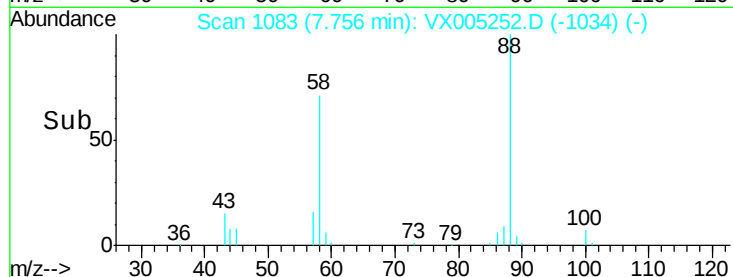
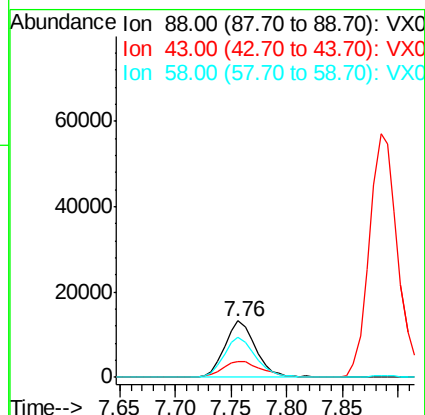
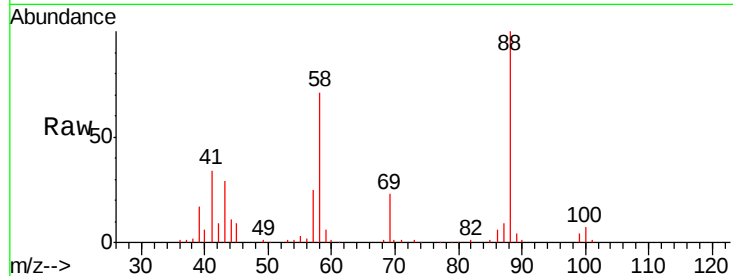
#49
1,4-Dioxane
Concen: 325.37 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	25.1	37.7
58	74.3	56.2	84.2

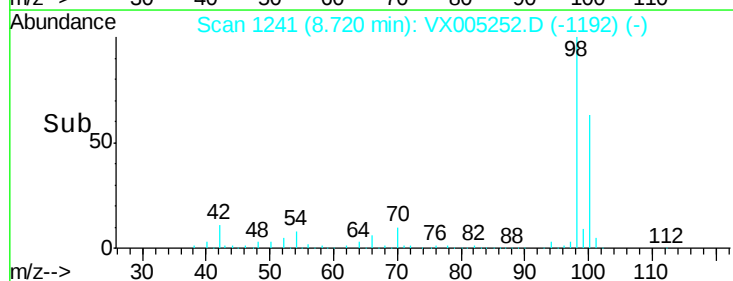
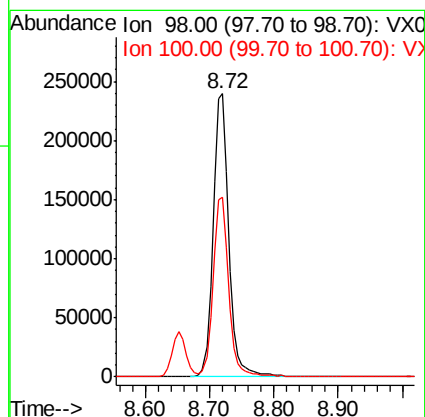
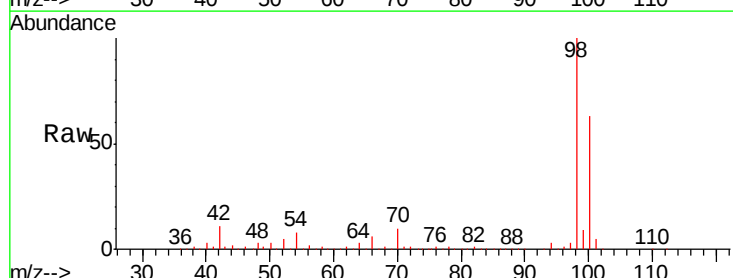
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#50
Toluene-d8
Concen: 46.57 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.9	77.9





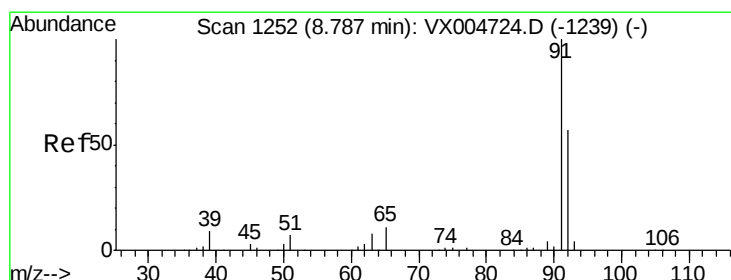
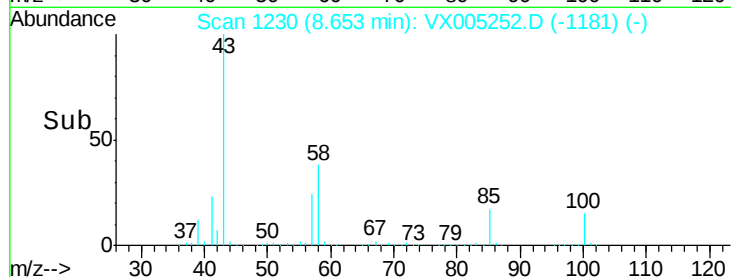
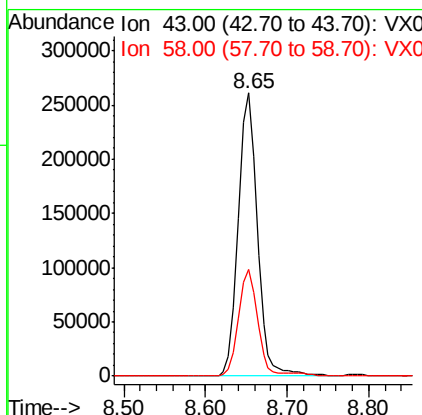
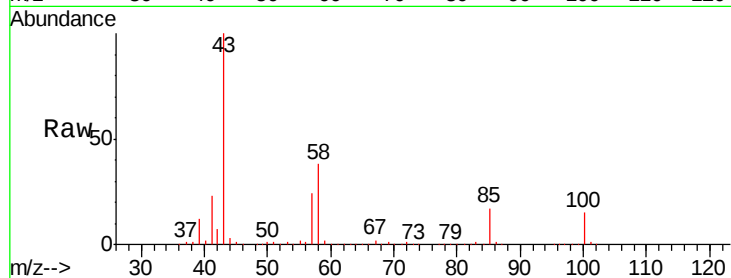
#51
4-Methyl-2-Pentanone
Concen: 97.15 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 43 Resp: 421756
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7

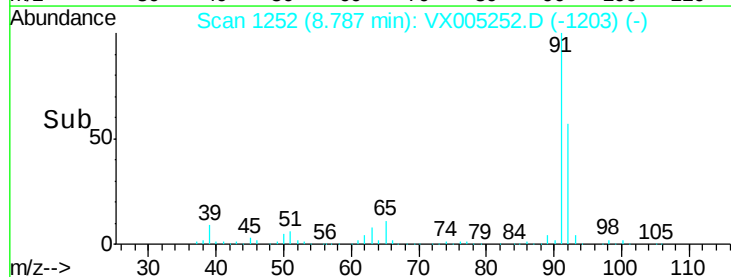
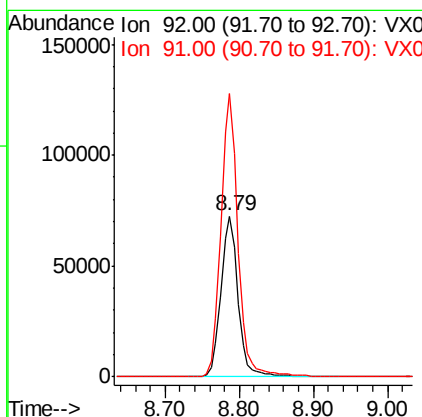
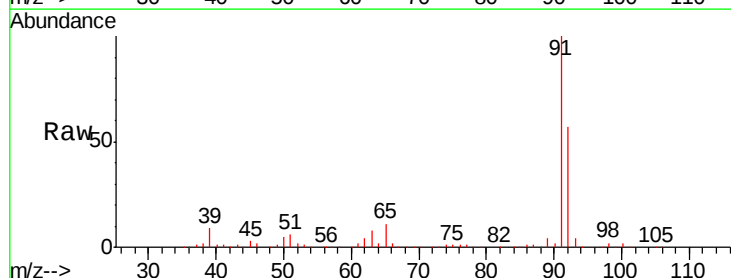
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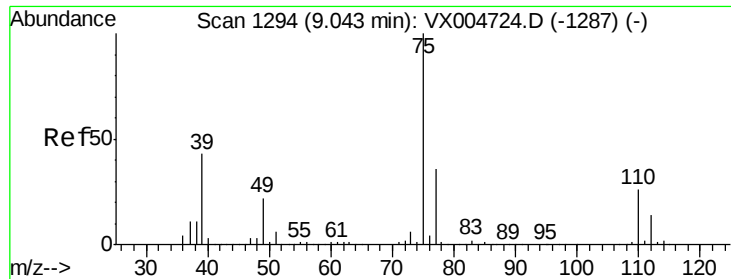
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#52
Toluene
Concen: 18.83 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 92 Resp: 116575
Ion Ratio Lower Upper
92 100
91 174.7 136.7 205.1





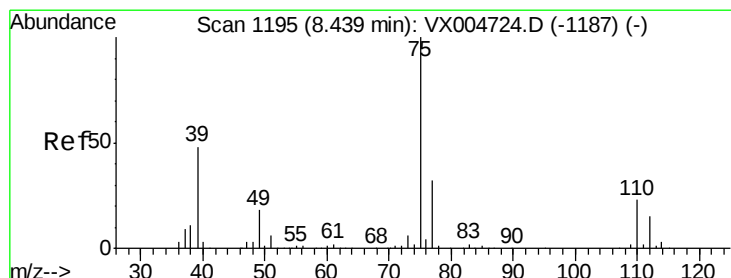
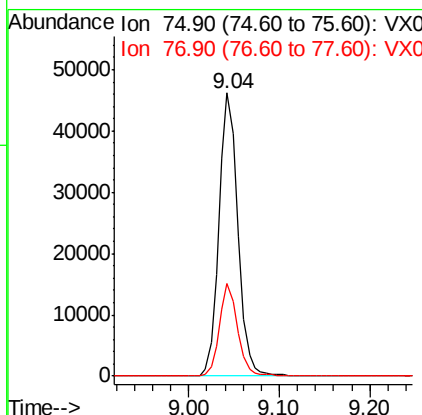
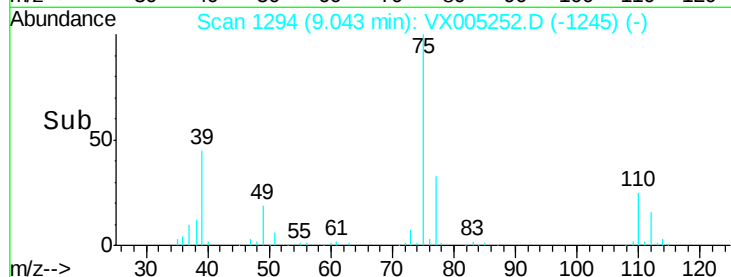
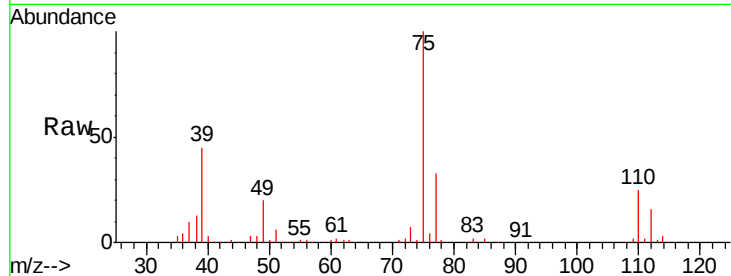
#53
t-1,3-Dichloropropene
Concen: 18.30 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 75 Resp: 67227
Ion Ratio Lower Upper
75 100
77 32.6 28.9 43.3

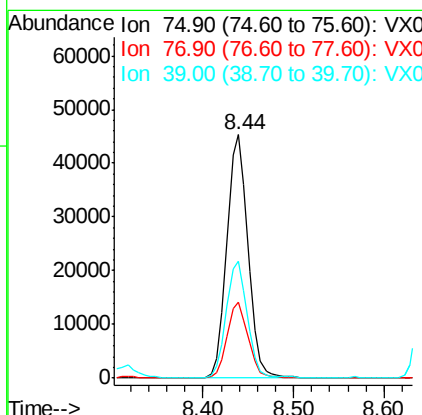
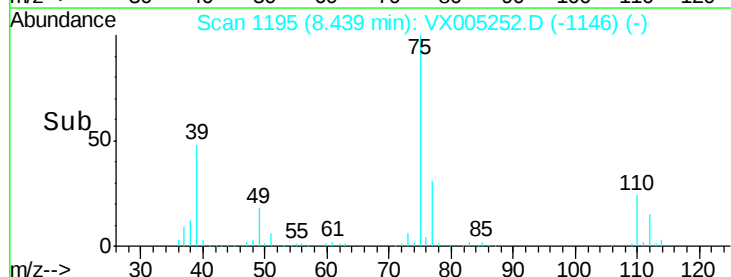
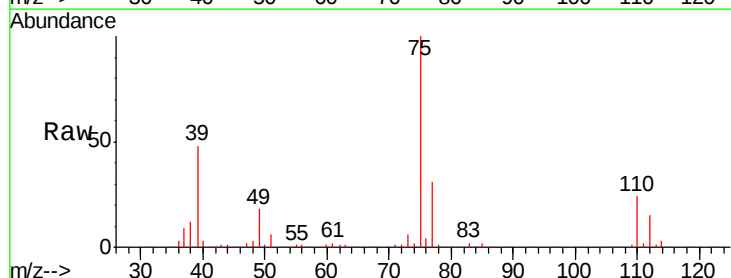
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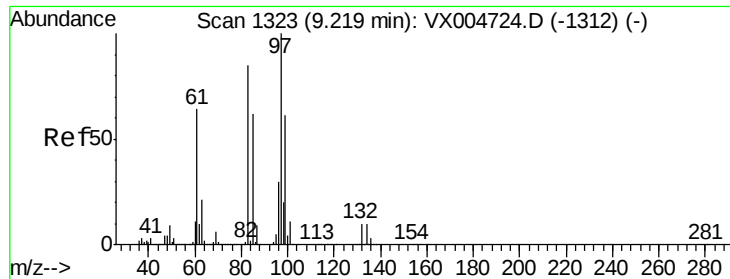
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#54
cis-1,3-Dichloropropene
Concen: 19.14 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 75 Resp: 73652
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 47.6 38.3 57.5





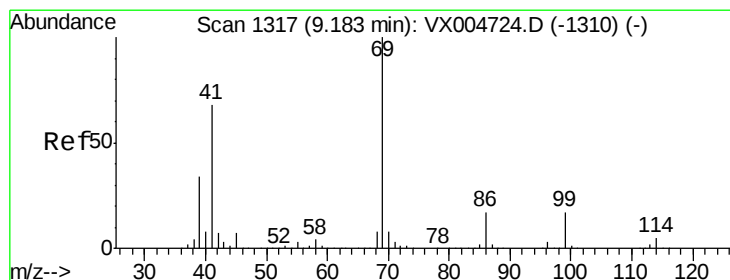
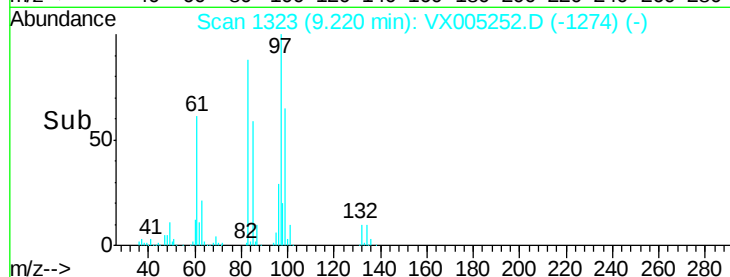
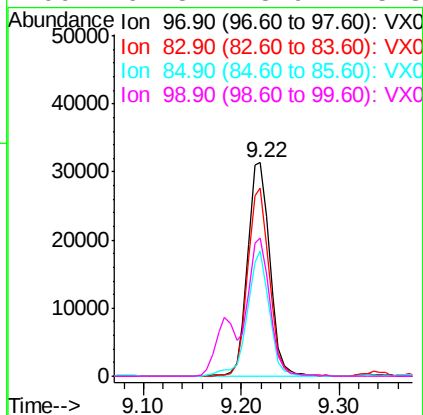
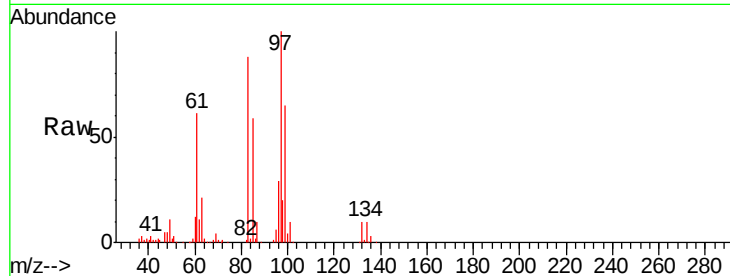
#55
 1,1,2-Trichloroethane
 Concen: 18.23 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.2
85	58.6	49.9	74.9
99	64.8	48.9	73.3

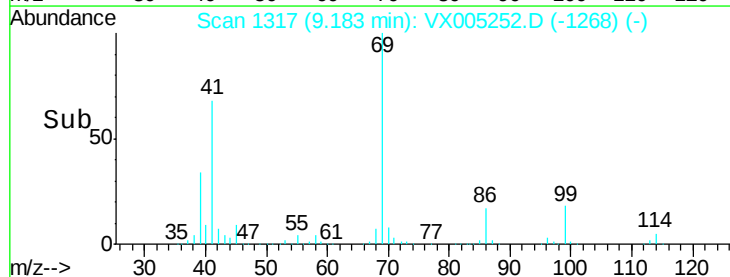
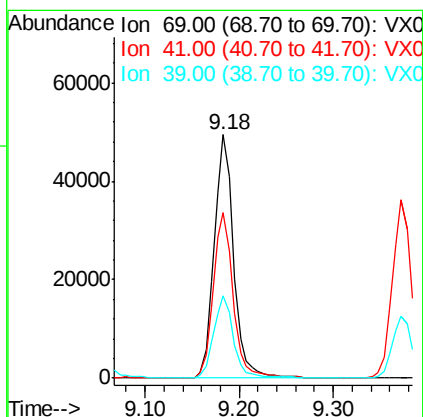
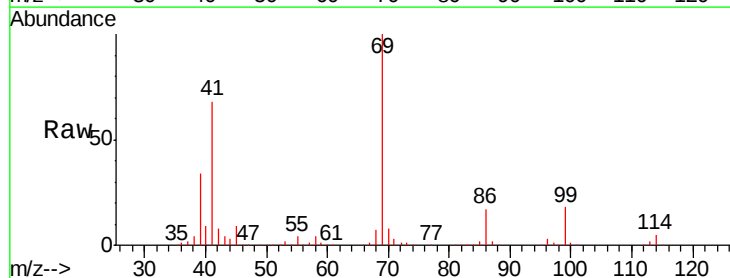
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#56
 Ethyl methacrylate
 Concen: 18.12 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.9	85.3
39	34.1	28.4	42.6





#57

1,3-Dichloropropane

Concen: 17.92 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 76 Resp: 80860

Ion Ratio Lower Upper

76 100

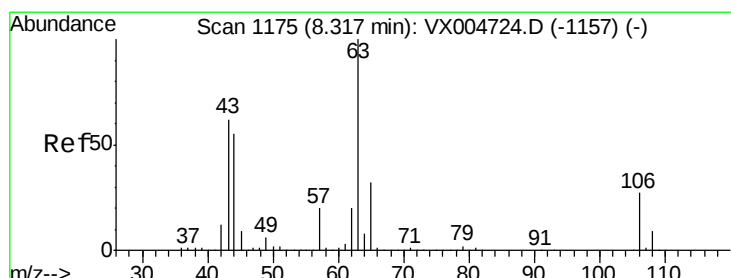
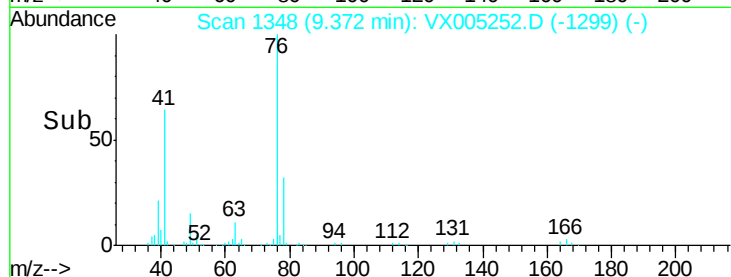
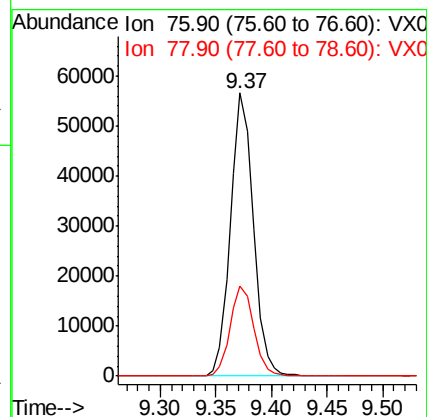
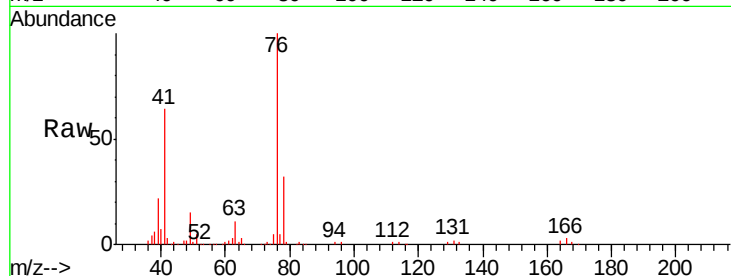
78 32.9 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 83.33 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005252.D

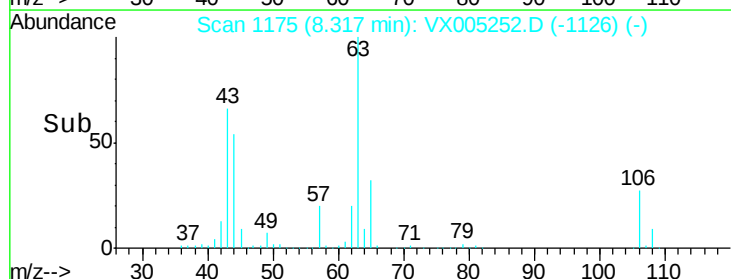
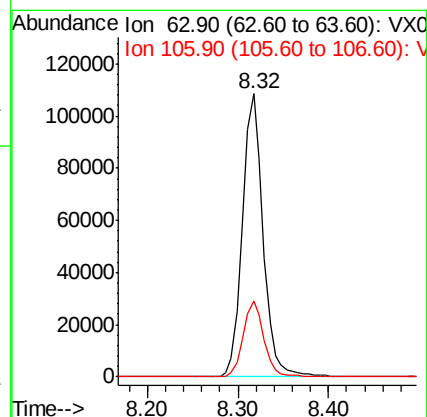
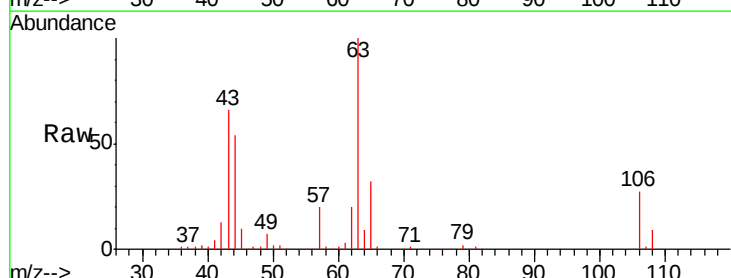
Acq: 11 Oct 2018 13:28

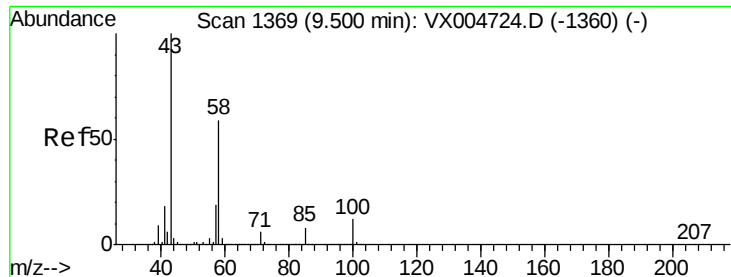
Tgt Ion: 63 Resp: 171194

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6





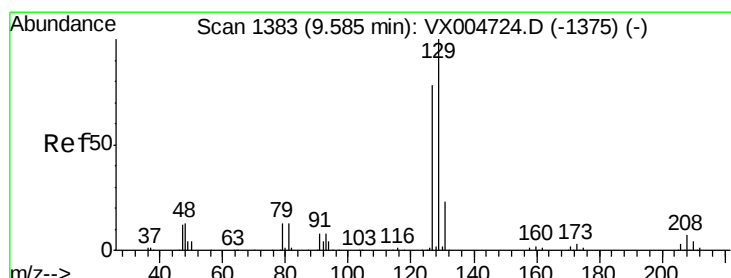
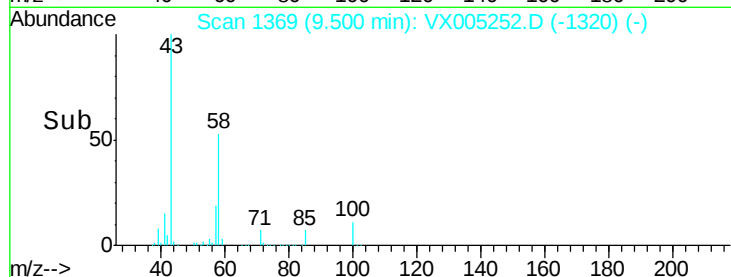
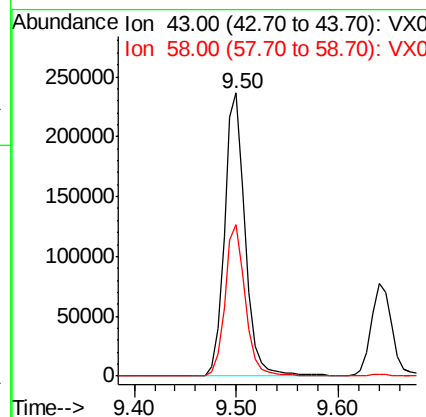
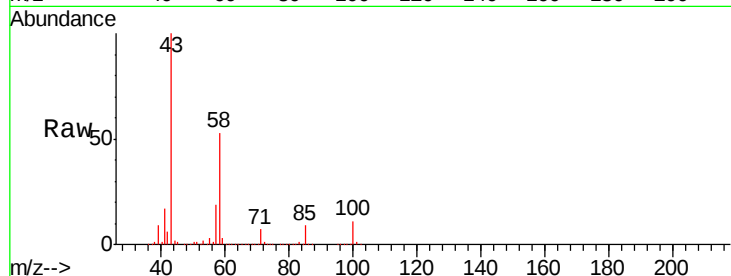
#59
2-Hexanone
Concen: 91.97 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 43 Resp: 332734
Ion Ratio Lower Upper
43 100
58 52.7 28.4 85.3

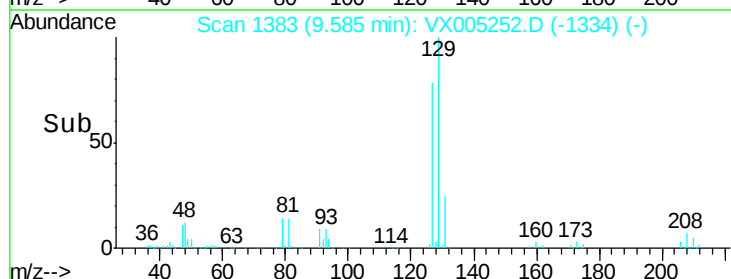
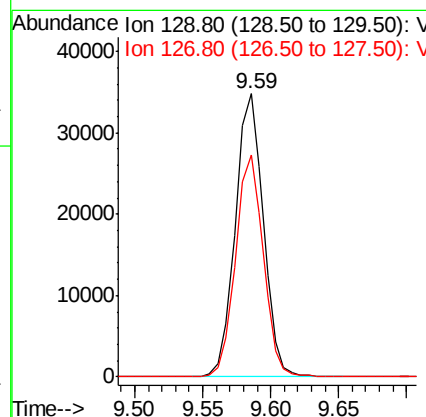
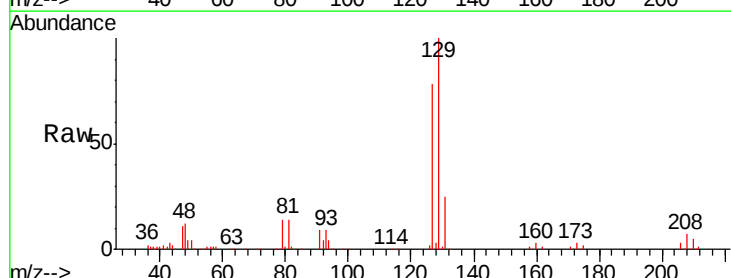
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#60
Dibromochloromethane
Concen: 18.40 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 129 Resp: 49911
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.55 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 107 Resp: 50969

Ion Ratio Lower Upper

107 100

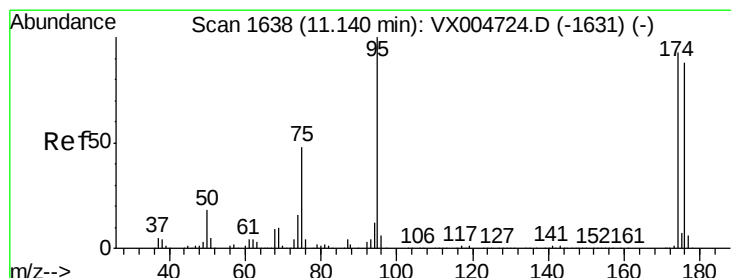
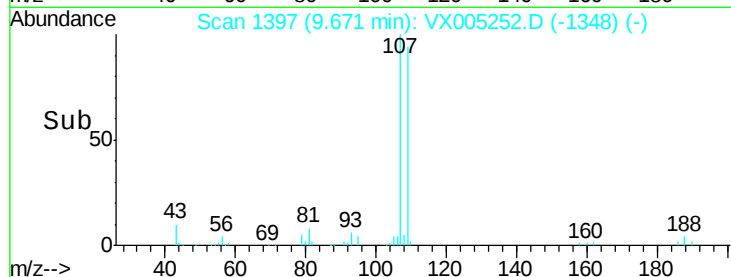
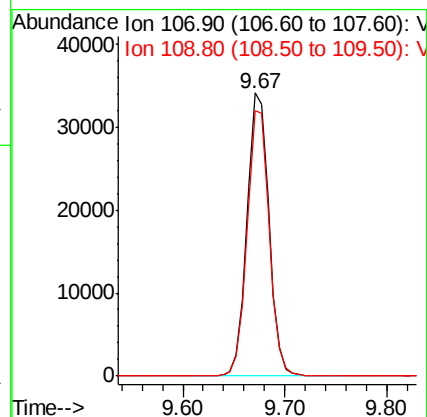
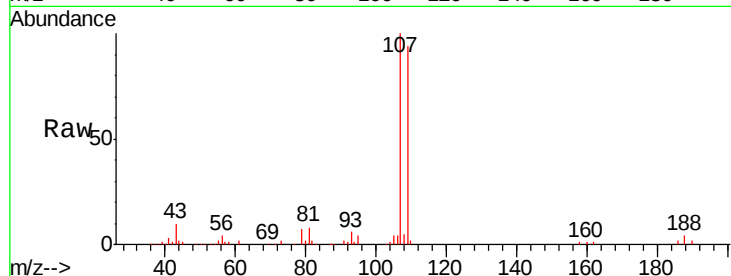
109 94.5 72.1 108.1

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#62

4-Bromofluorobenzene

Concen: 48.95 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

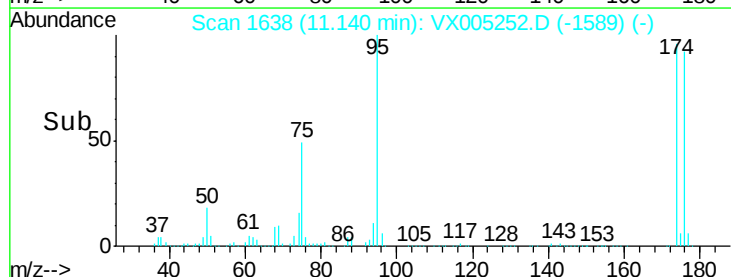
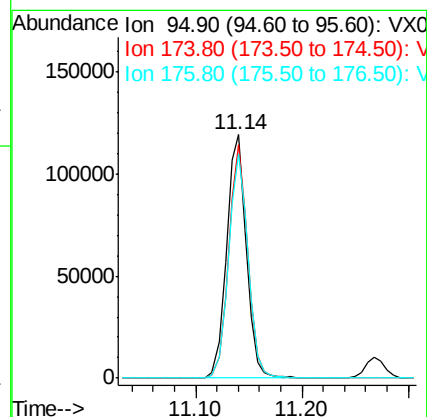
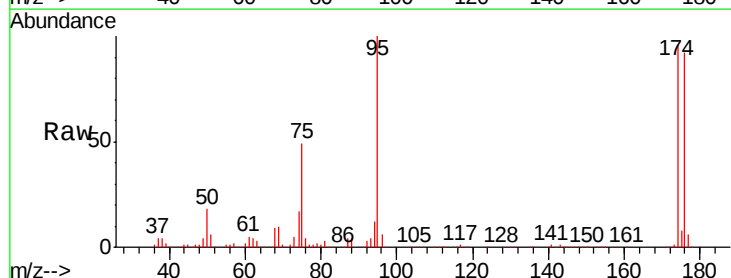
Tgt Ion: 95 Resp: 154631

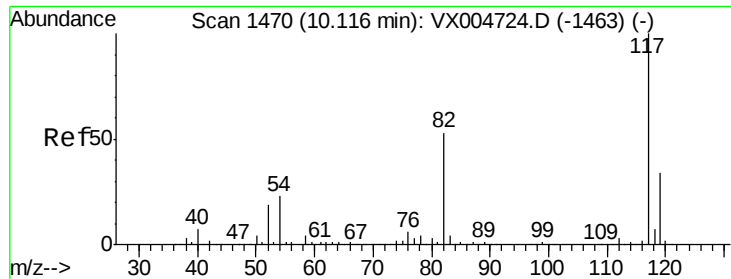
Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.0

176 91.2 0.0 180.2





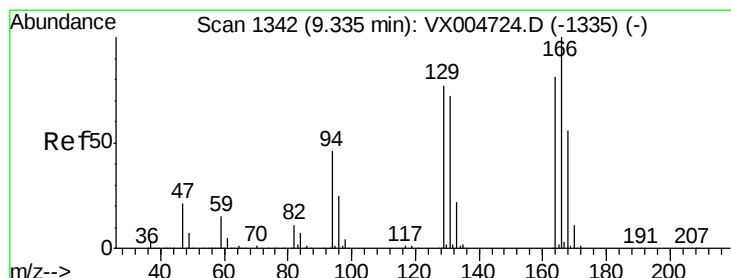
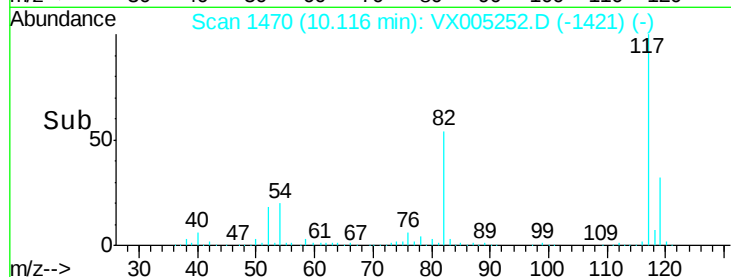
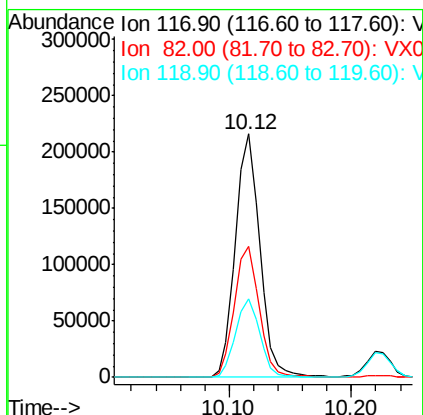
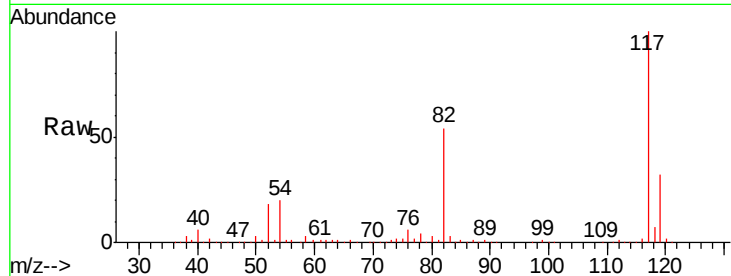
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.6	42.2	63.4
119	32.0	27.4	41.0

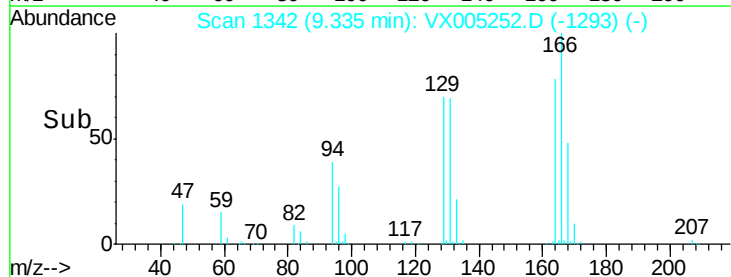
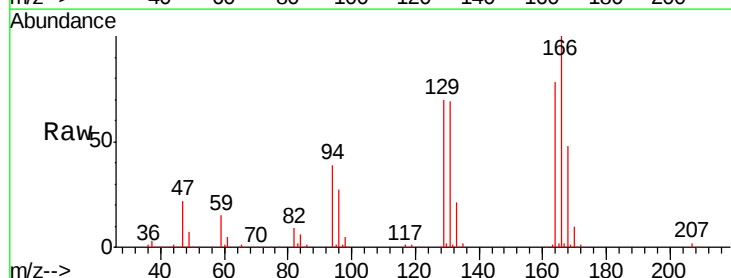
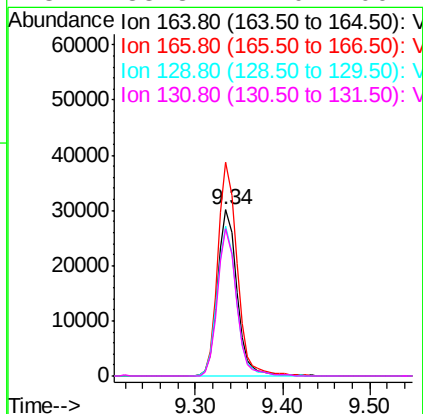
Manual Integrations
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#64
Tetrachloroethene
Concen: 15.69 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.5	98.4	147.6
129	90.0	76.1	114.1
131	88.3	71.0	106.4





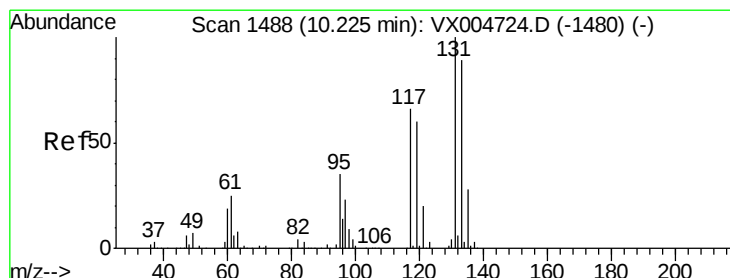
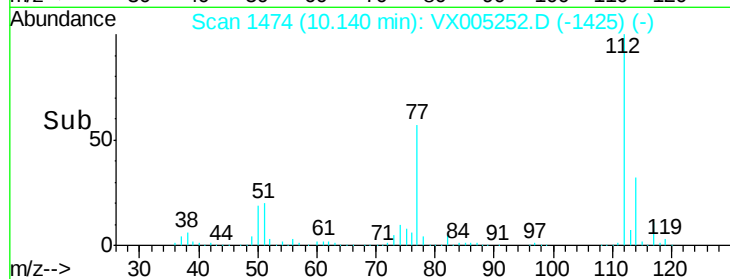
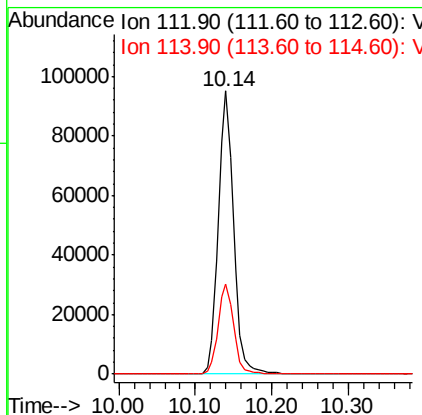
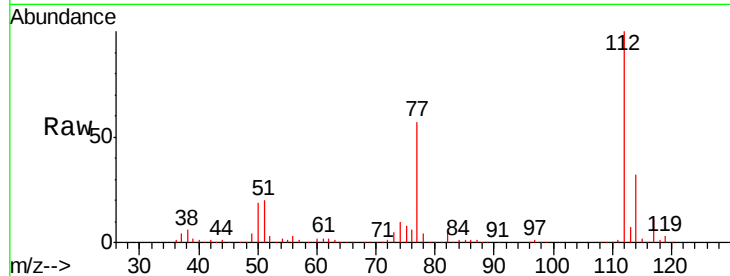
#65
Chlorobenzene
Concen: 17.21 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion:112 Resp: 132305
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1

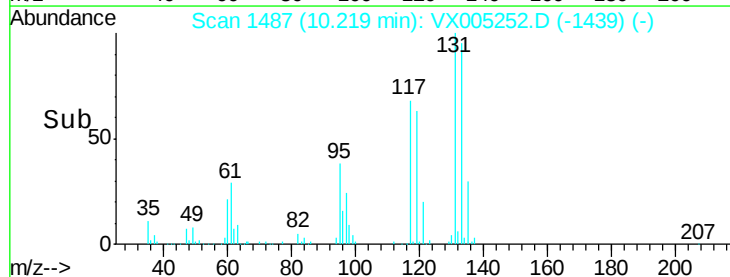
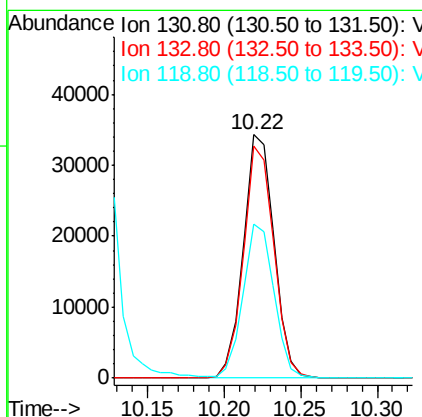
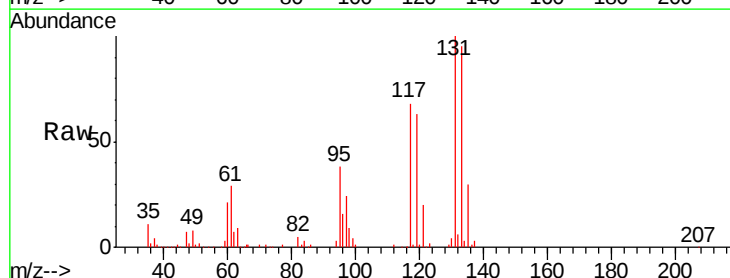
Manual Integrations
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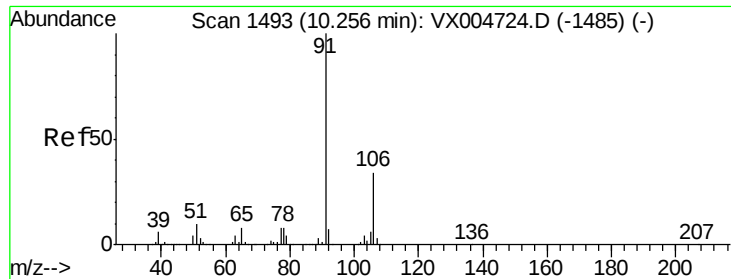
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.72 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion:131 Resp: 47887
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.0
119 64.4 32.3 96.8





#67

Ethyl Benzene

Concen: 17.44 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 91 Resp: 212896

Ion Ratio Lower Upper

91 100

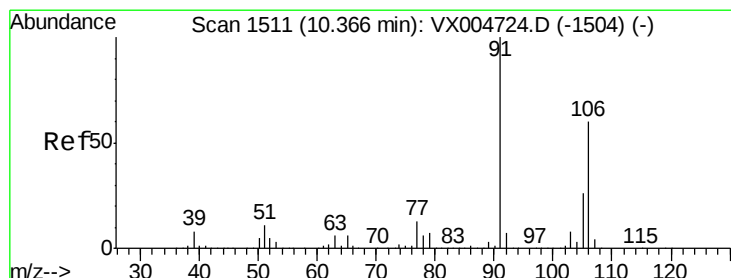
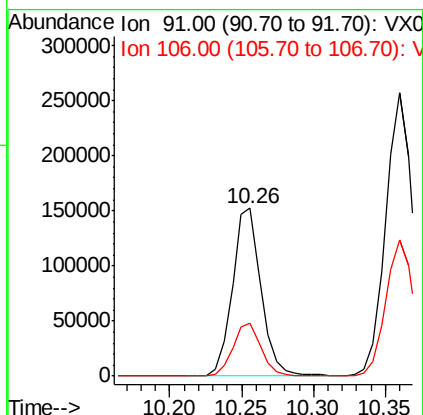
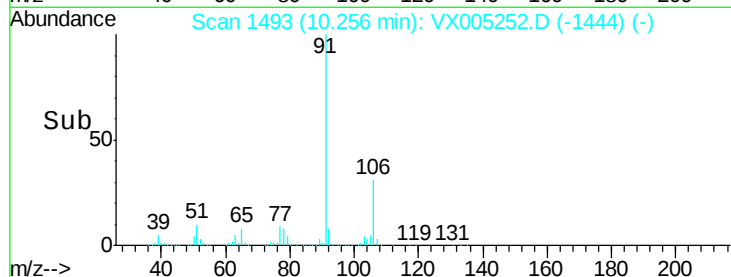
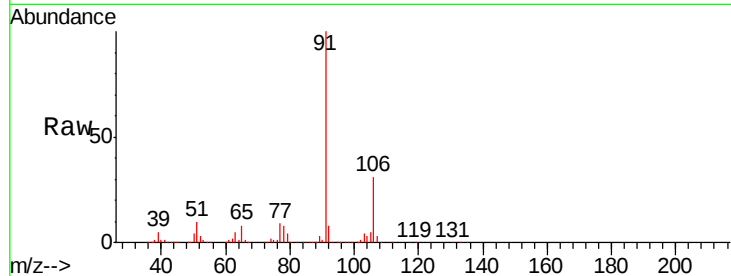
106 31.2 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 35.80 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005252.D

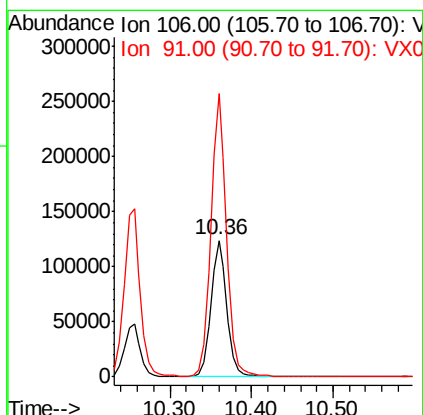
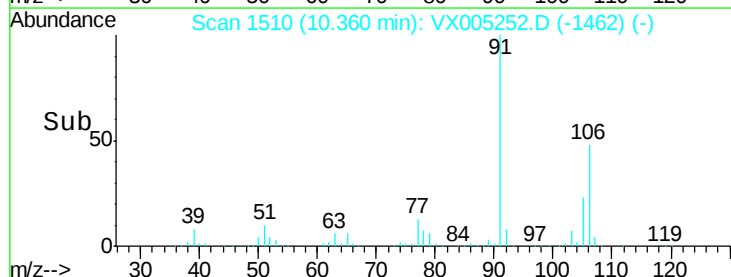
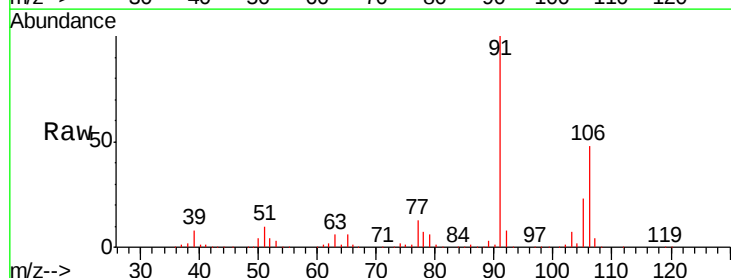
Acq: 11 Oct 2018 13:28

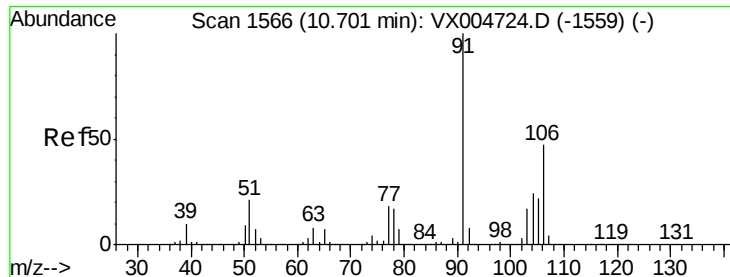
Tgt Ion: 106 Resp: 170781

Ion Ratio Lower Upper

106 100

91 204.3 157.5 236.3





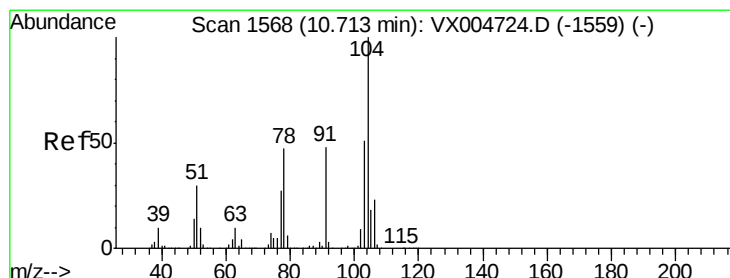
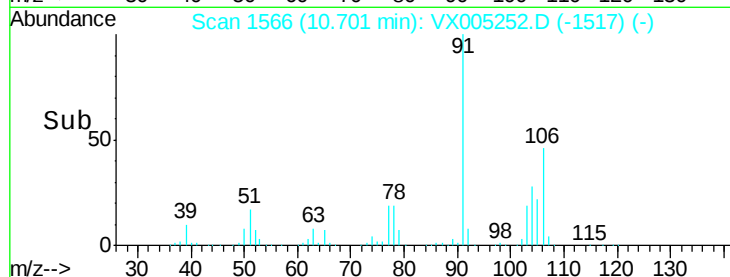
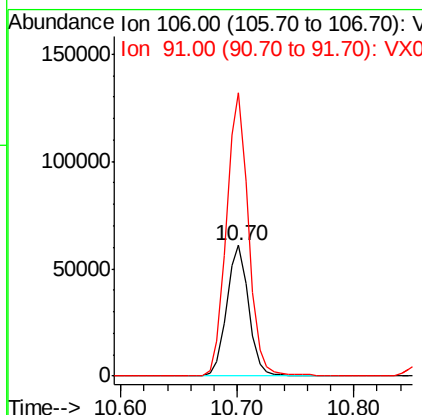
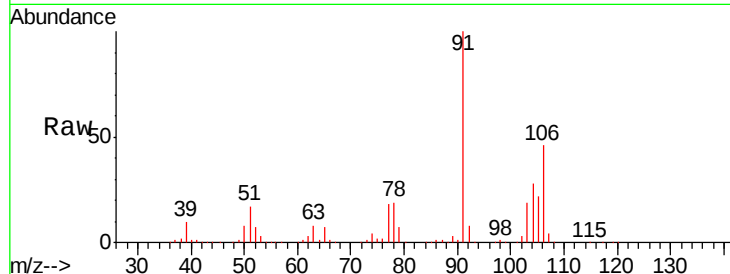
#69
o-Xylene
Concen: 18.28 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampled :
VX1010WBS09

Tgt Ion:106 Resp: 80092
Ion Ratio Lower Upper
106 100
91 217.2 108.3 324.8

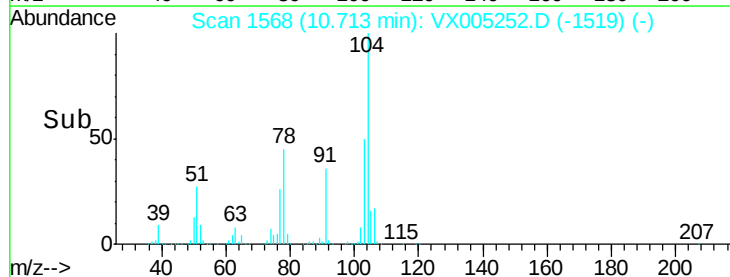
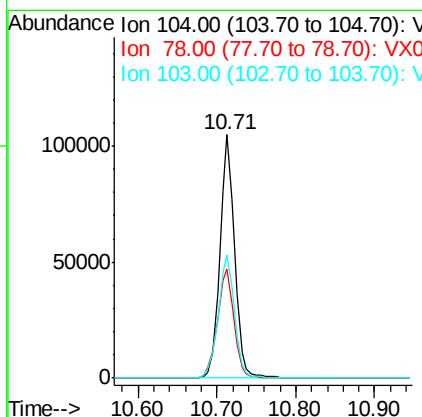
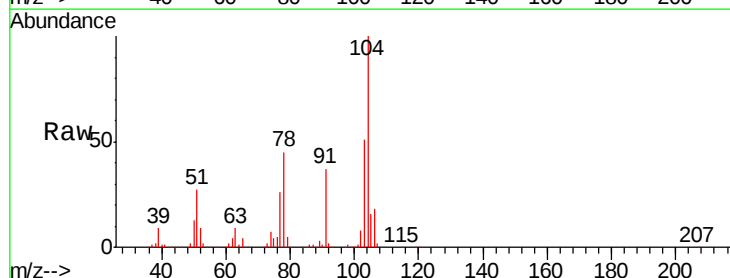
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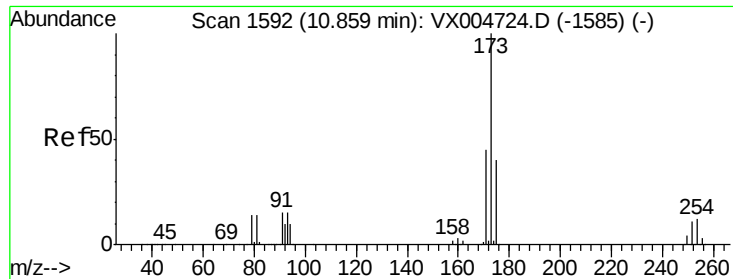
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#70
Styrene
Concen: 18.12 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion:104 Resp: 136820
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 56.1 44.3 66.5





#71

Bromoform

Concen: 17.65 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion:173 Resp: 40855

Ion Ratio Lower Upper

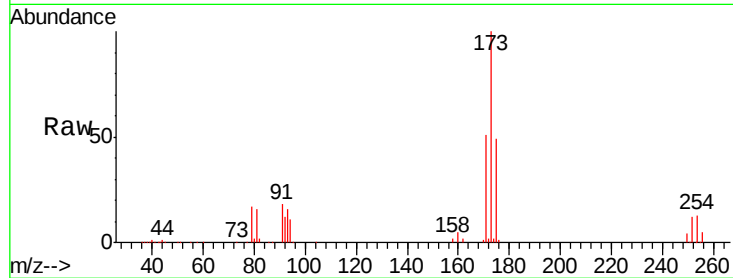
173 100

175 49.4 23.3 69.8

254 0.0 0.2 0.2#

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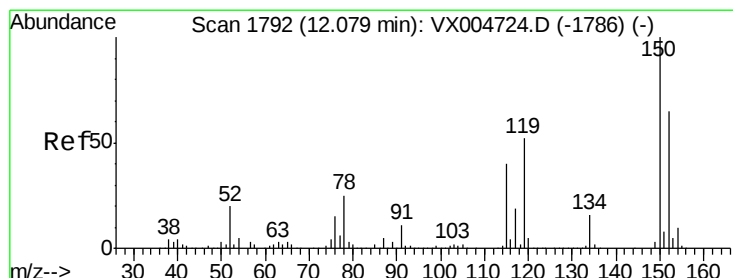
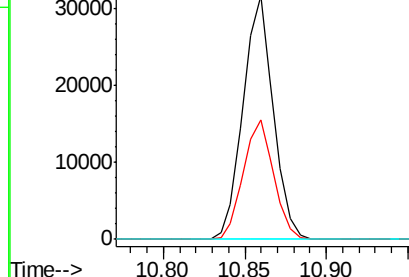
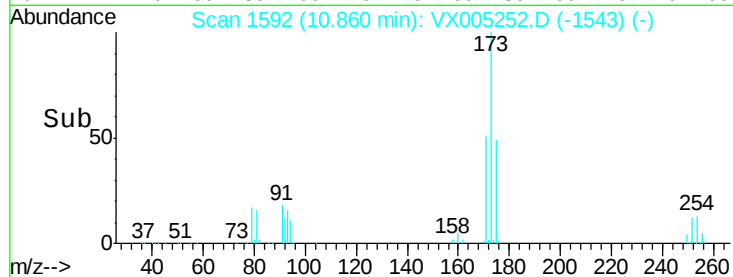
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

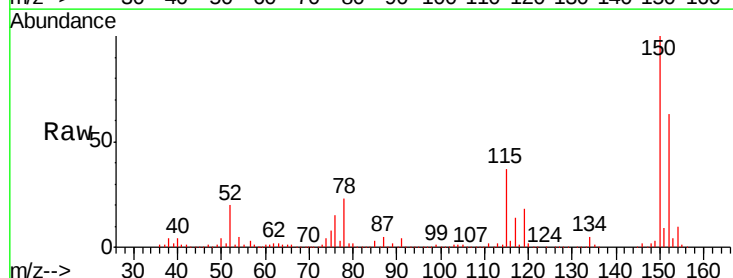
Tgt Ion:152 Resp: 168481

Ion Ratio Lower Upper

152 100

115 65.2 40.2 120.6

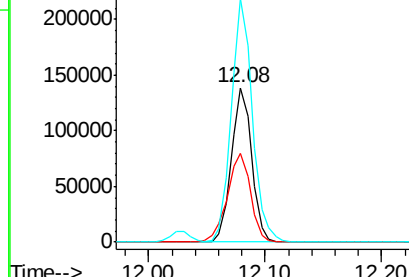
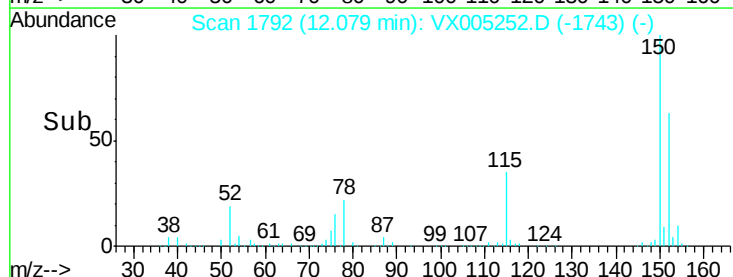
150 163.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.74 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 105 Resp: 220270

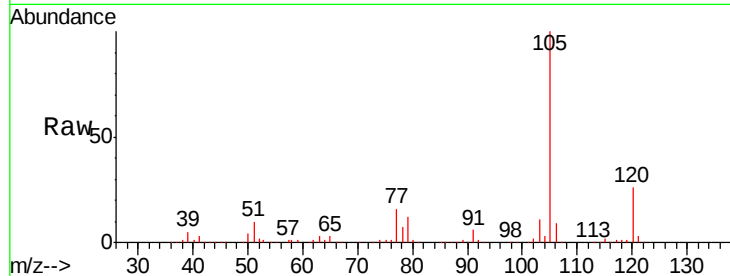
Ion Ratio Lower Upper

105 100

120 26.6 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

200000

150000

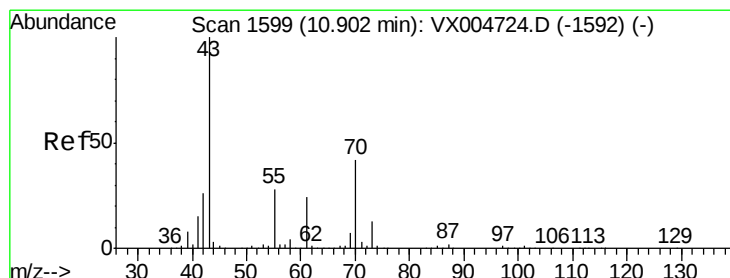
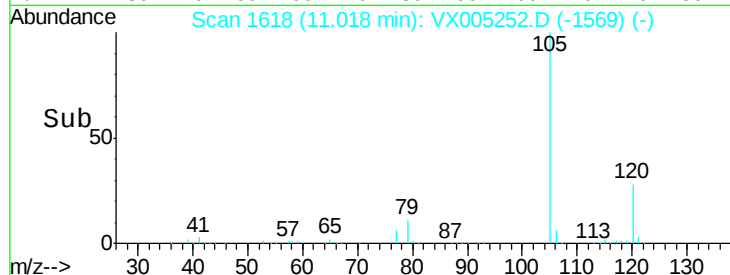
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.11 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion: 43 Resp: 104989

Ion Ratio Lower Upper

43 100

70 40.2 32.6 48.8

55 25.3 21.6 32.4

61 23.1 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

120000

100000

80000

60000

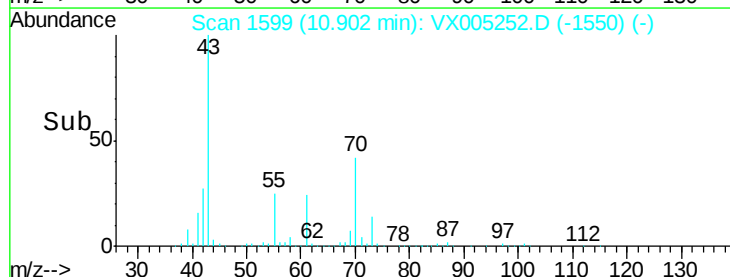
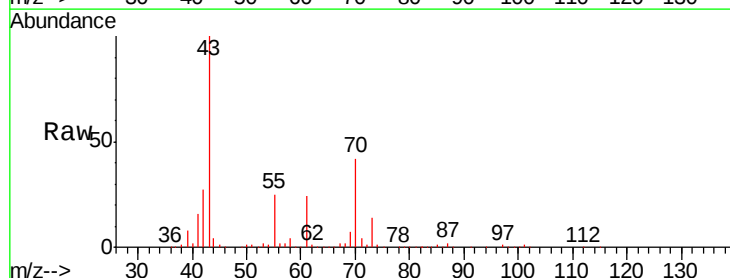
40000

20000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.70 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

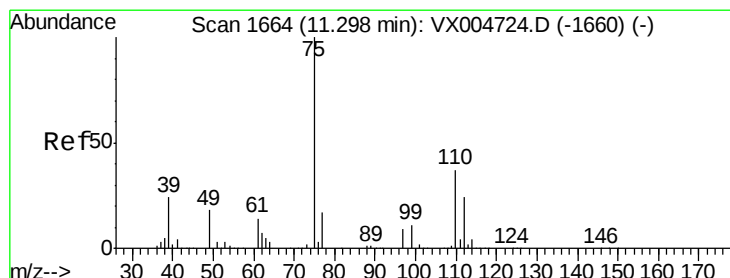
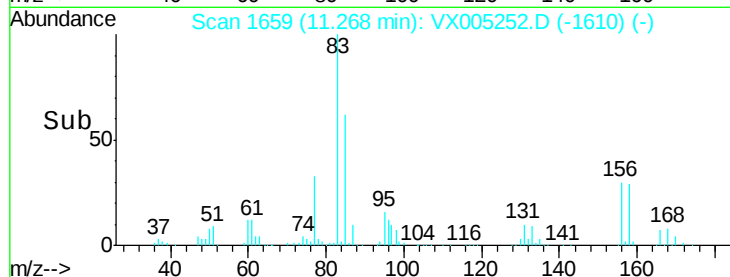
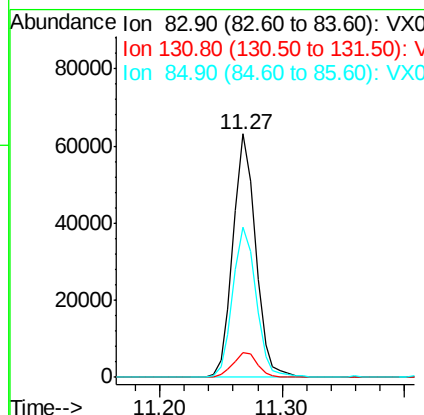
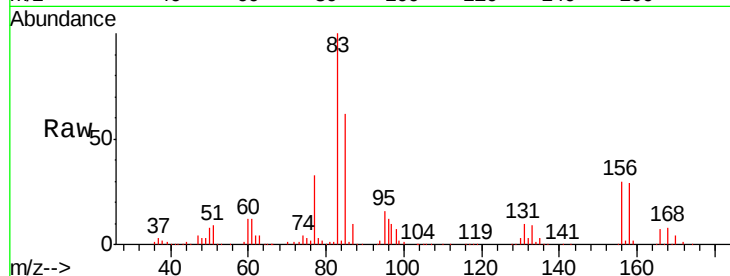
ClientSampleId :

VX1010WBS09

Tgt Ion:	83	Resp:	80830
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.3
85	63.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 22.08 ug/l m

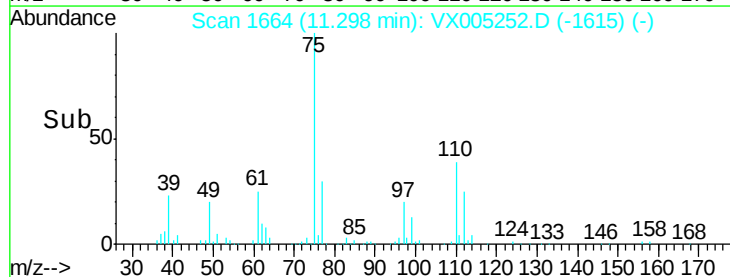
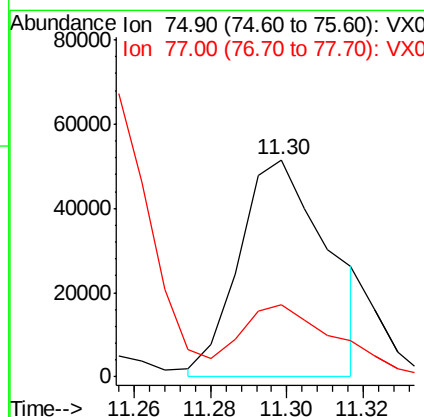
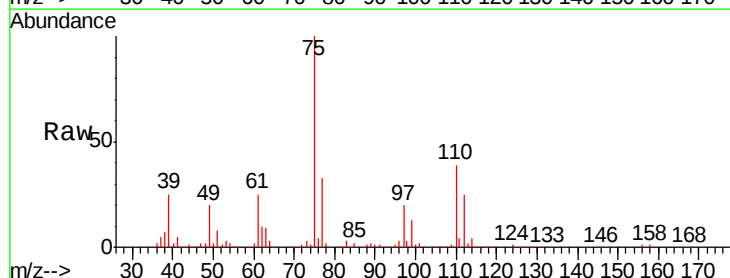
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	75	Resp:	83397
Ion	Ratio	Lower	Upper
75	100		
77	35.3	21.4	64.3





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 156 Resp: 62038

Ion Ratio Lower Upper

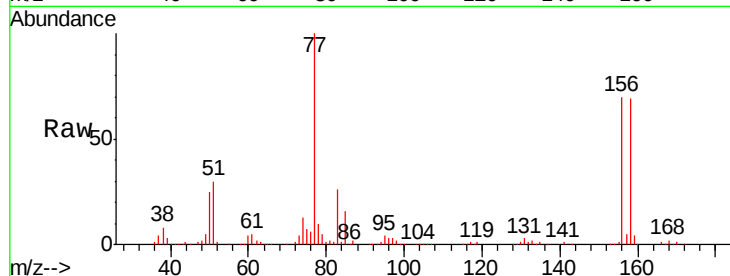
156 100

77 142.8 73.4 220.2

158 97.2 49.1 147.4

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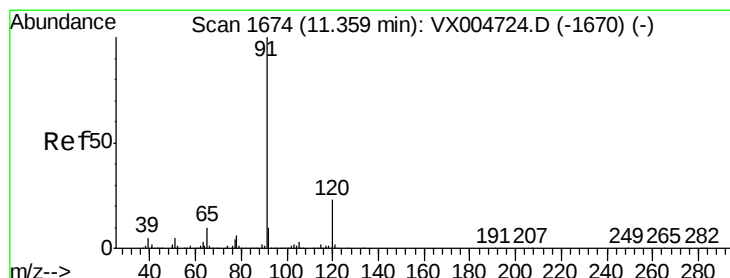
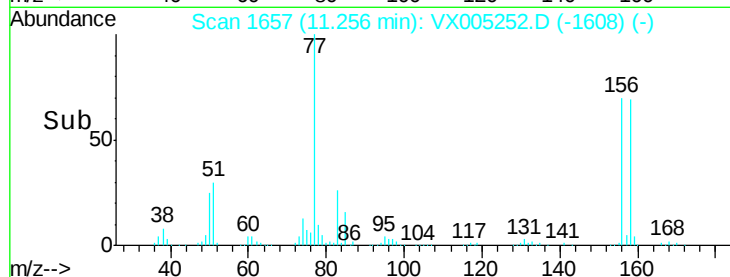


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->



#78

n-propylbenzene

Concen: 21.23 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005252.D

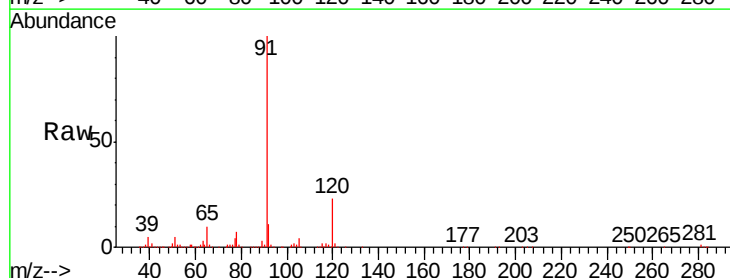
Acq: 11 Oct 2018 13:28

Tgt Ion: 91 Resp: 258678

Ion Ratio Lower Upper

91 100

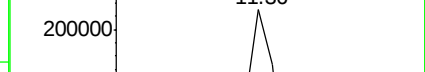
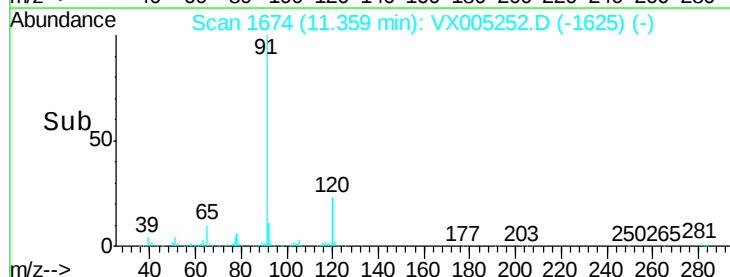
120 23.6 12.0 36.0

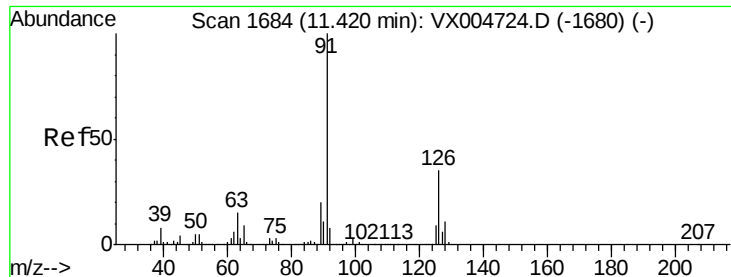


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->





#79

2-Chlorotoluene

Concen: 20.30 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS09

Tgt Ion: 91 Resp: 154164

Ion Ratio Lower Upper

91 100

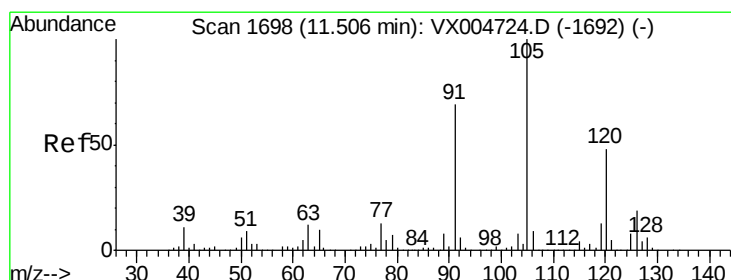
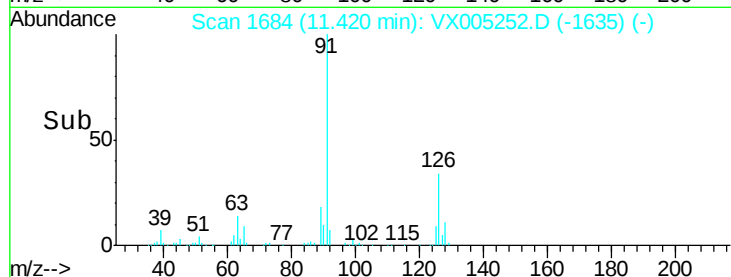
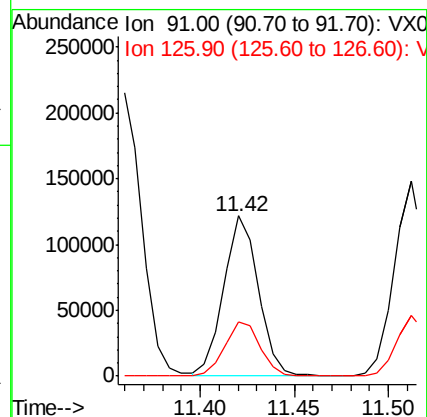
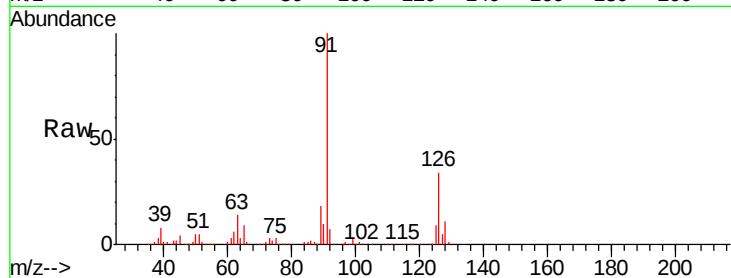
126 35.4 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.28 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005252.D

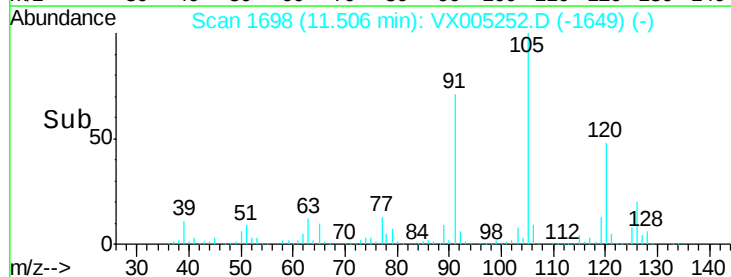
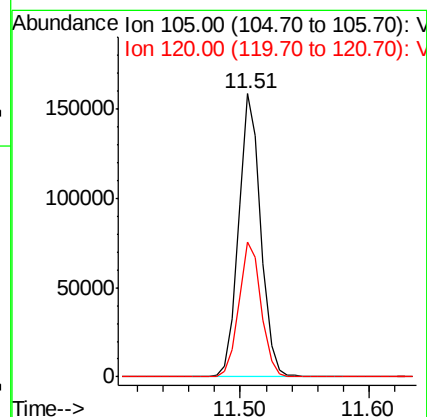
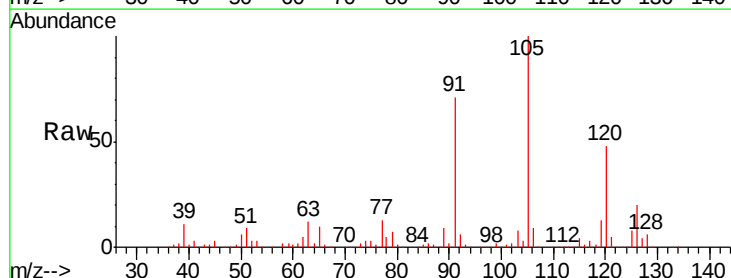
Acq: 11 Oct 2018 13:28

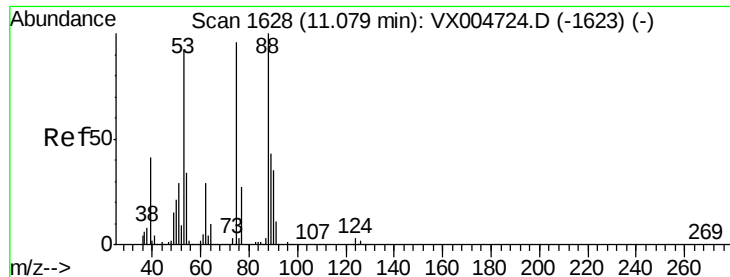
Tgt Ion: 105 Resp: 188840

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.74 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

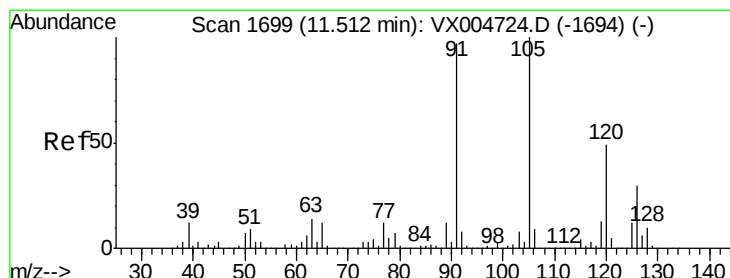
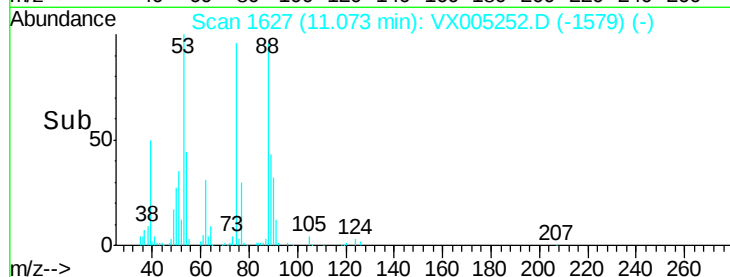
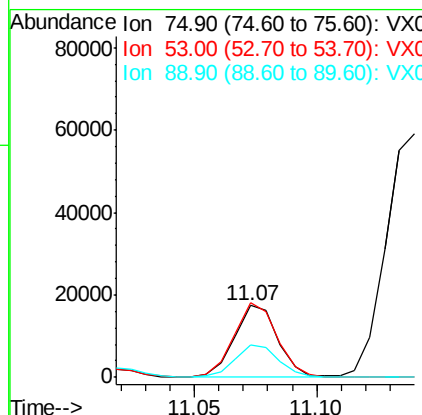
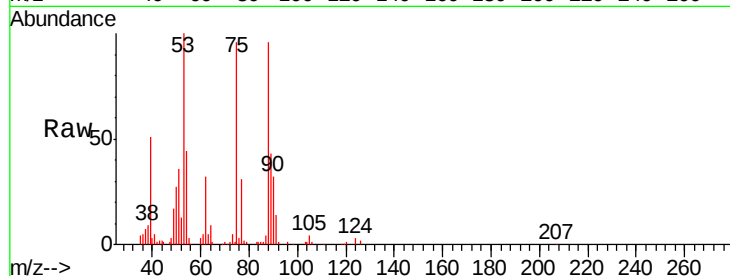
ClientSampleId :

VX1010WBS09

Tgt Ion:	75	Resp:	21272
Ion	Ratio	Lower	Upper
75	100		
53	103.6	80.2	120.4
89	46.8	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.42 ug/l

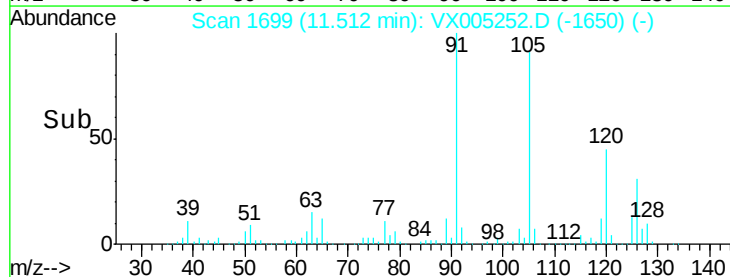
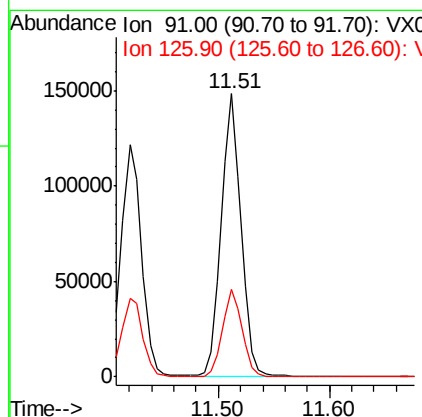
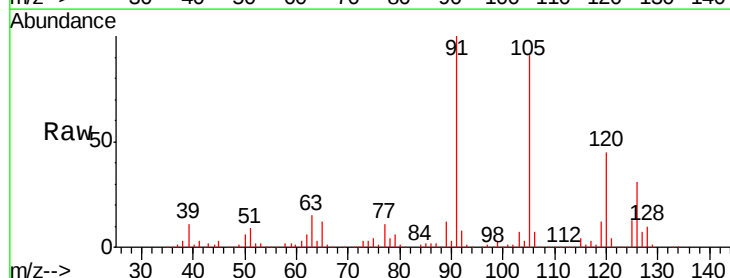
RT: 11.51 min Scan# 1699

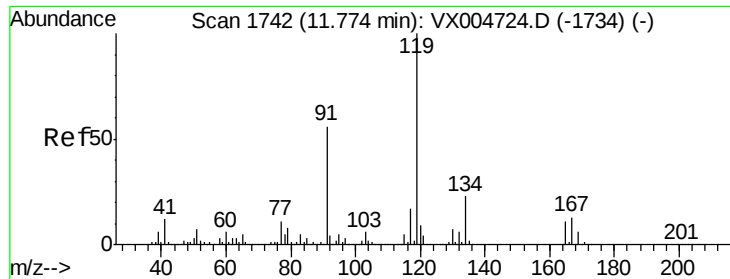
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	91	Resp:	182507
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





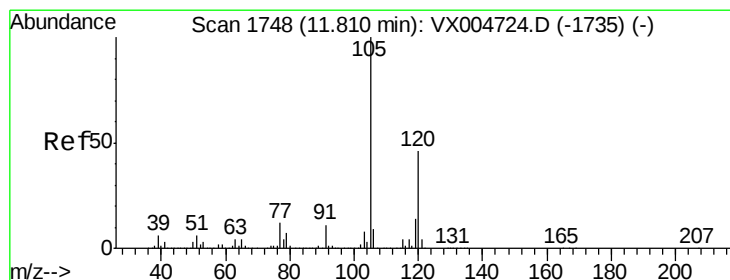
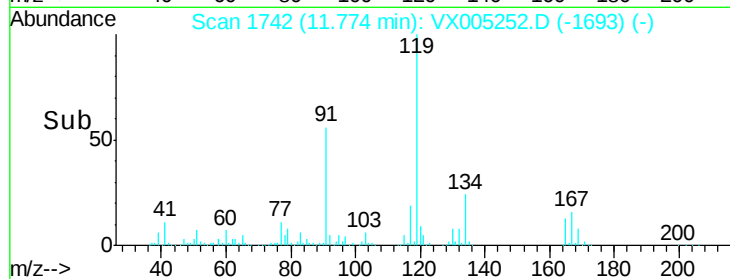
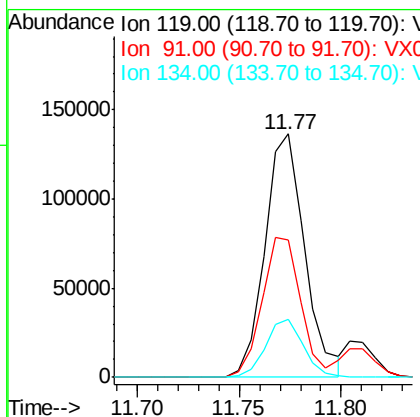
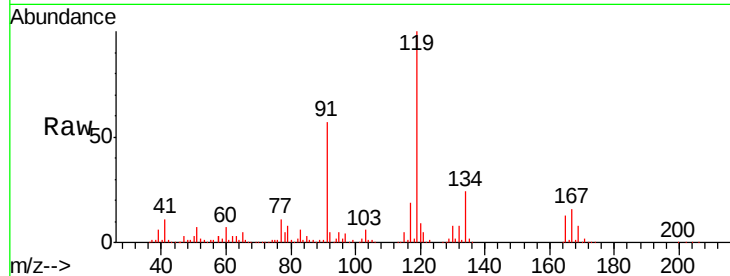
#83
 tert-Butylbenzene
 Concen: 21.24 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	185697		
91	55.9	27.5	82.5	
134	23.0	11.5	34.4	

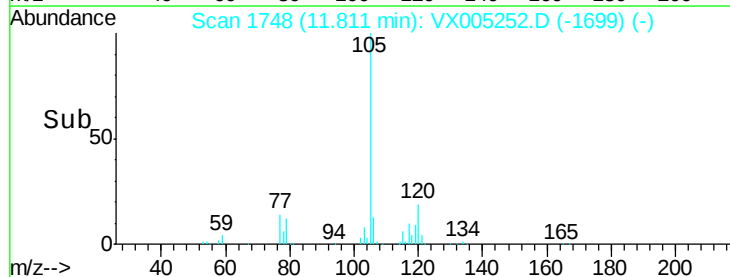
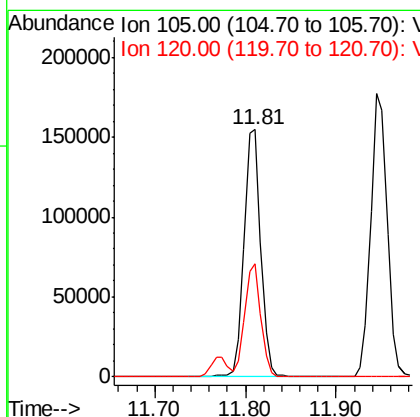
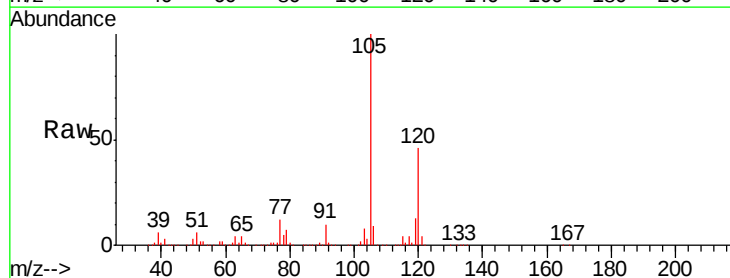
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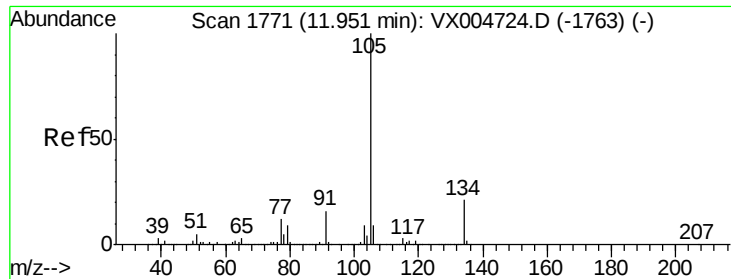
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.55 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197408		
120	43.9	22.8	68.3	





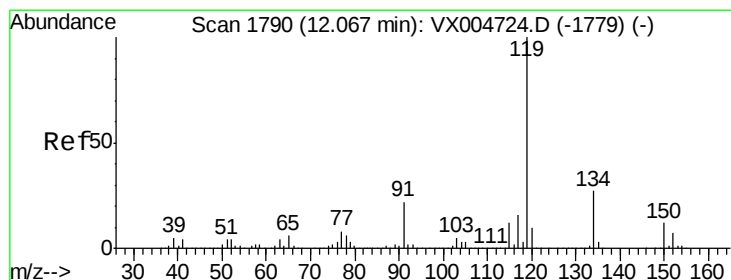
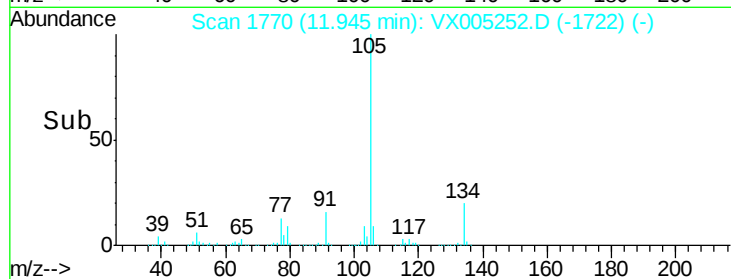
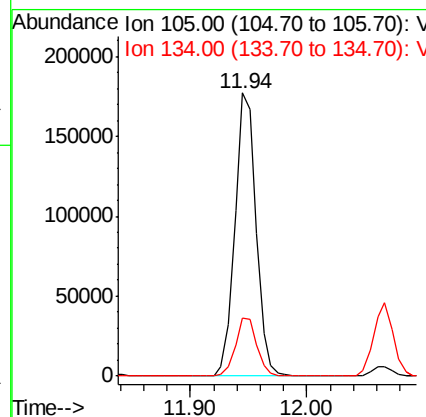
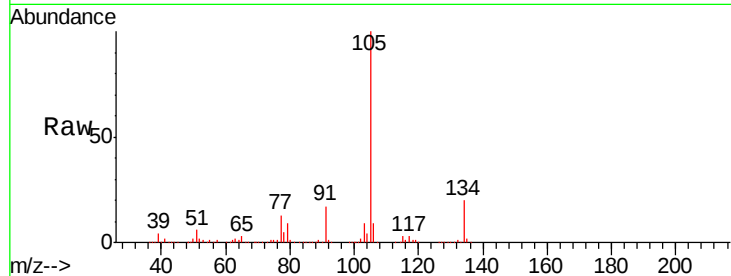
#85
 sec-Butylbenzene
 Concen: 21.06 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224292		
134	20.7	10.2	30.4	

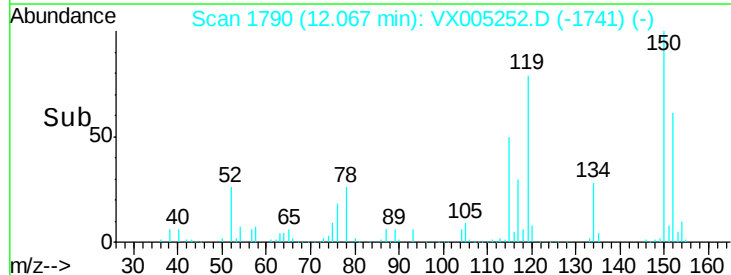
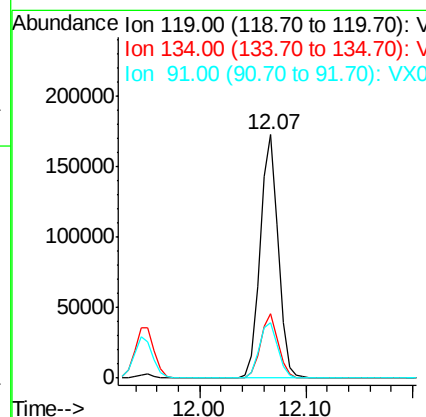
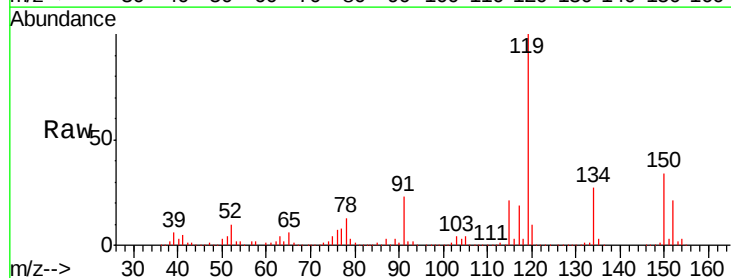
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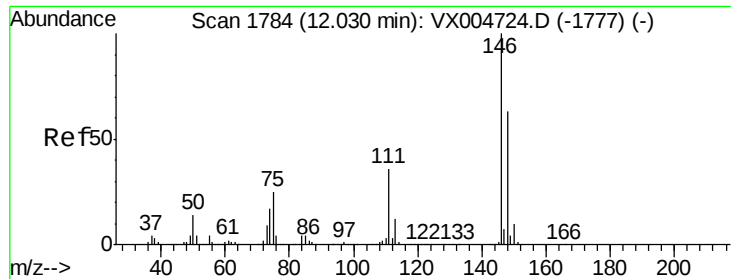
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#86
 p-Isopropyltoluene
 Concen: 21.21 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	204609		
134	26.1	13.4	40.1	
91	23.5	11.5	34.4	





#87

1,3-Dichlorobenzene

Concen: 19.67 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Instrument :

MSVOA_X

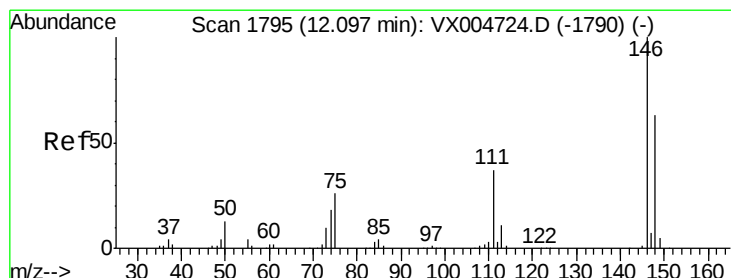
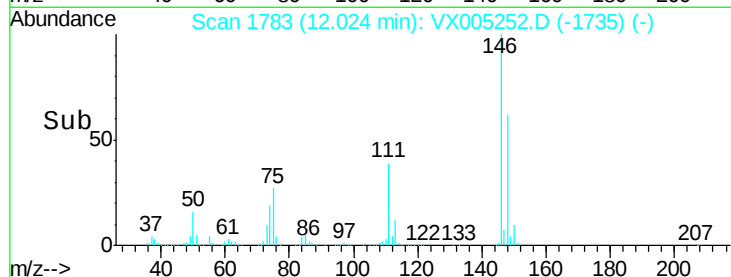
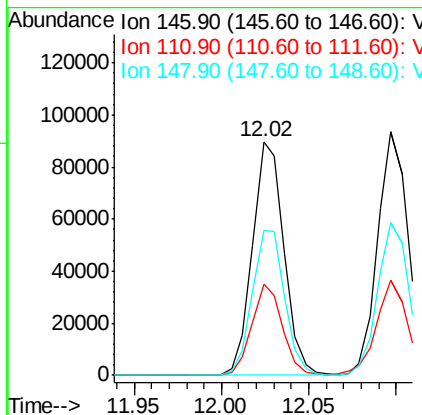
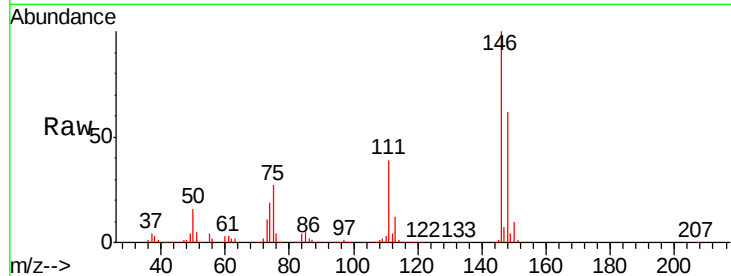
ClientSampleId :

VX1010WBS09

Tgt Ion:	146	Resp:	113301
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.9
148	64.0	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 19.25 ug/l

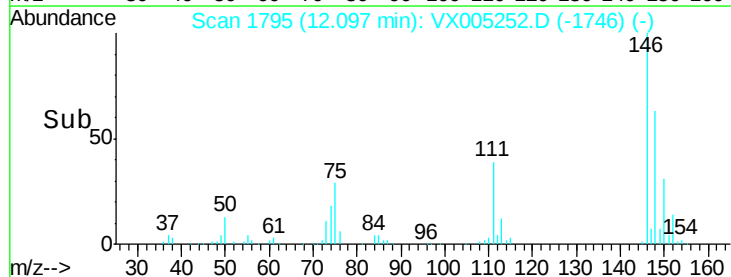
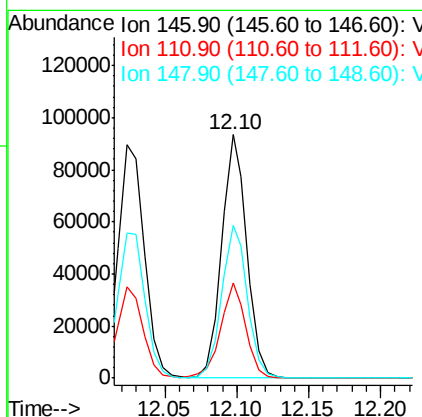
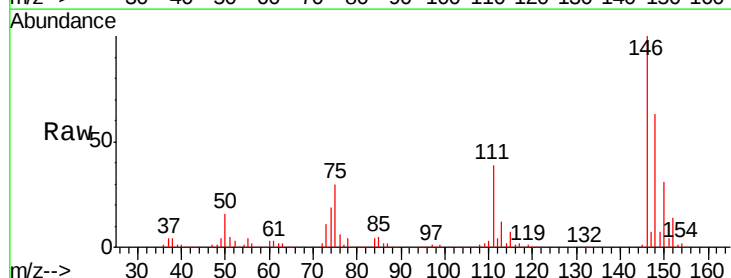
RT: 12.10 min Scan# 1795

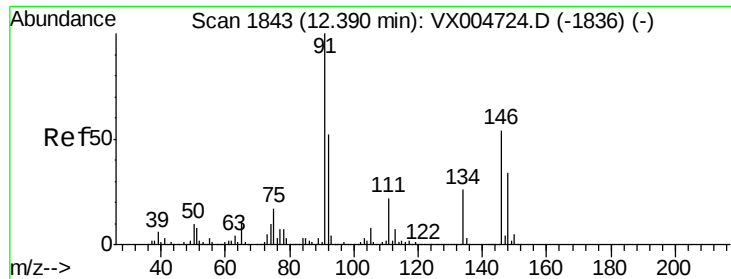
Delta R.T. 0.00 min

Lab File: VX005252.D

Acq: 11 Oct 2018 13:28

Tgt Ion:	146	Resp:	114459
Ion Ratio	Lower	Upper	
146	100		
111	39.2	18.4	55.2
148	64.2	32.0	96.0





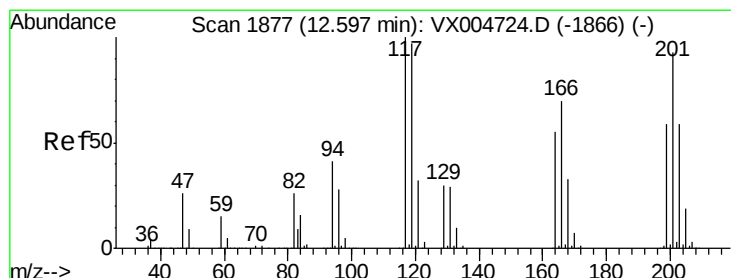
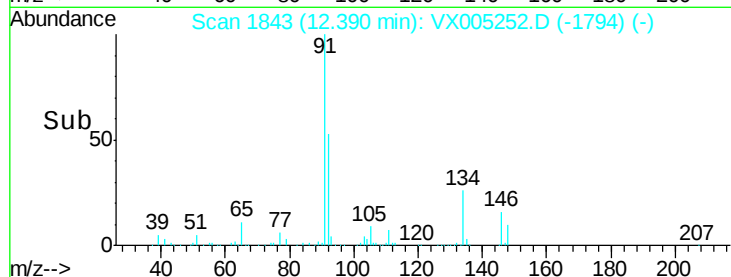
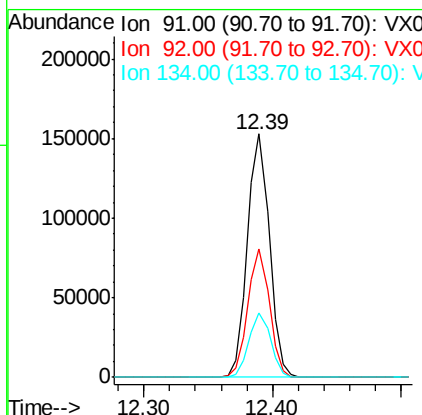
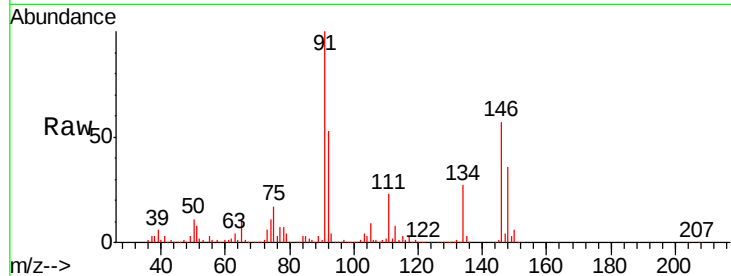
#89
n-Butylbenzene
Concen: 20.50 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion: 91 Resp: 179625
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.1 13.2 39.6

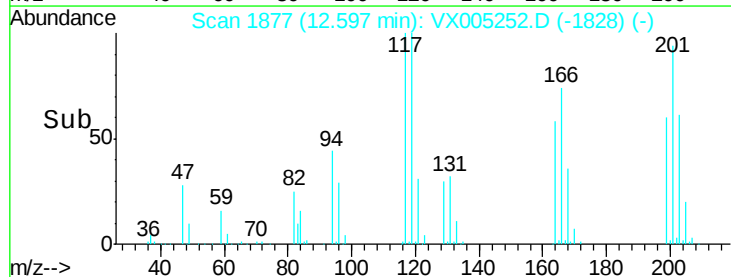
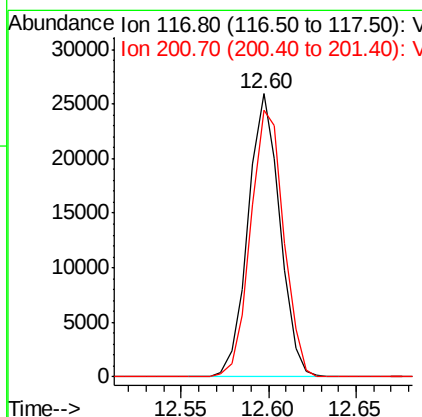
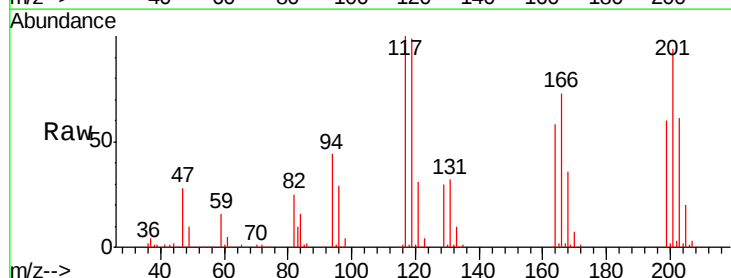
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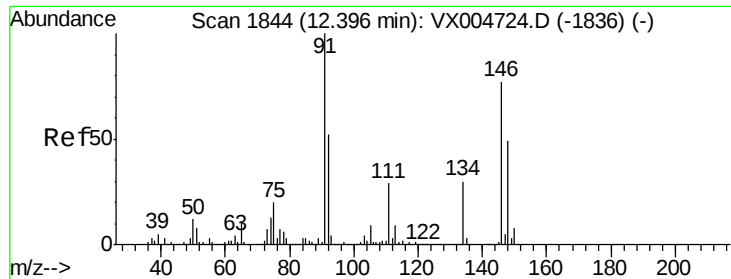
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#90
Hexachloroethane
Concen: 20.38 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion: 117 Resp: 32735
Ion Ratio Lower Upper
117 100
201 98.0 48.4 145.0





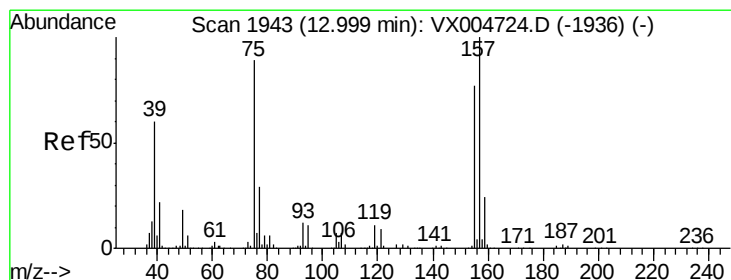
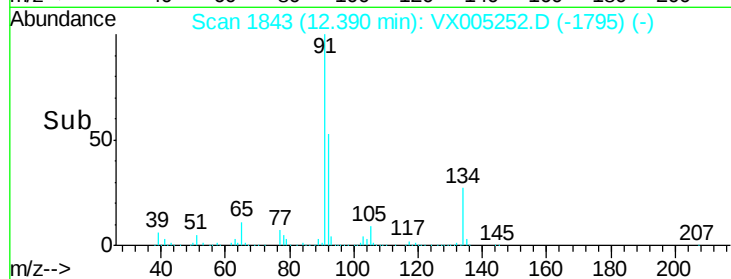
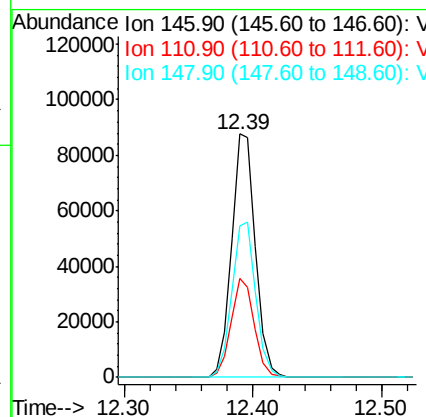
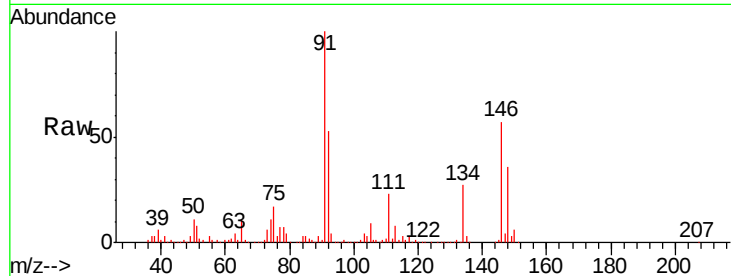
#91
 1,2-Dichlorobenzene
 Concen: 18.95 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.0	31.8	95.4

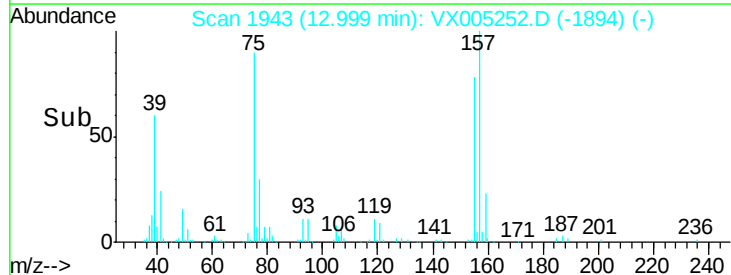
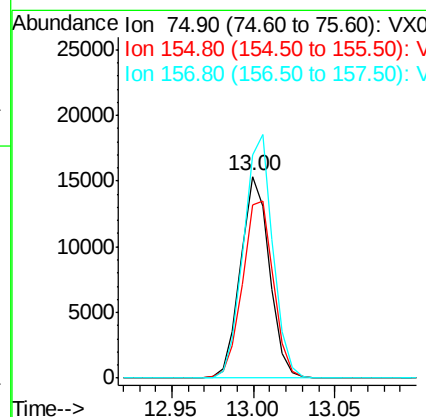
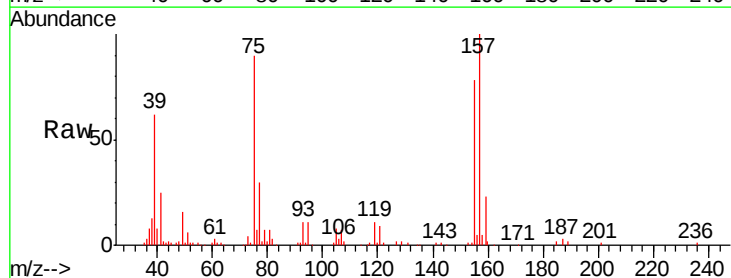
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.96 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	46.1	138.3
157	122.6	60.2	180.6





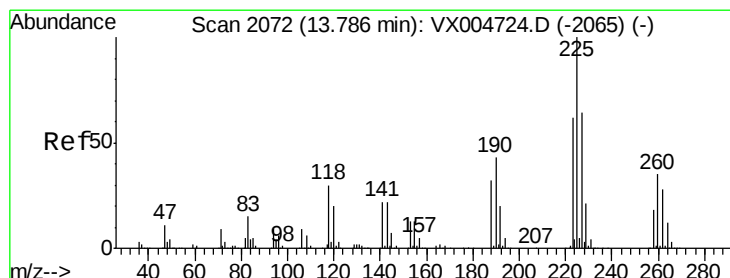
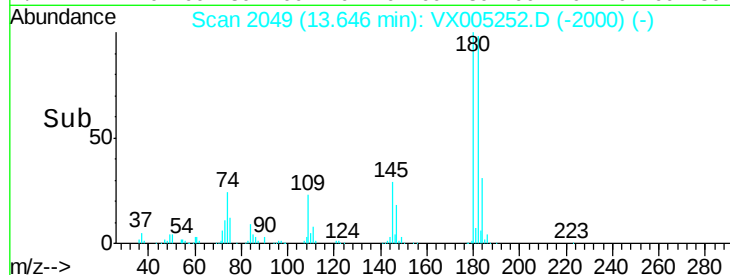
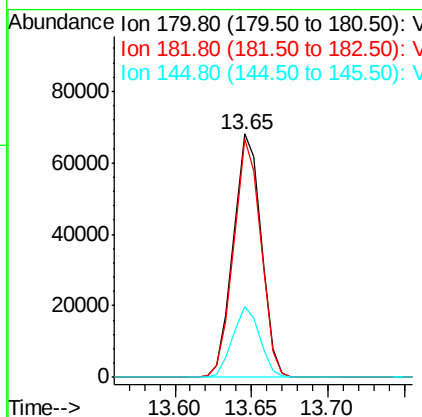
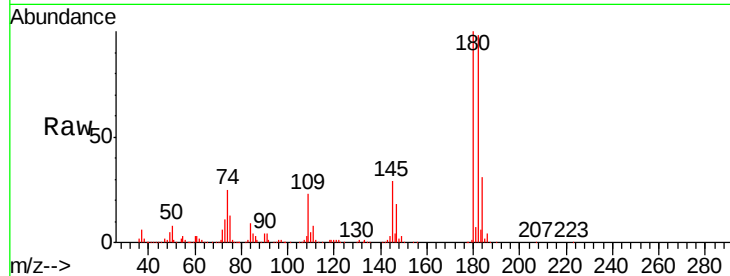
#93
 1,2,4-Trichlorobenzene
 Concen: 20.44 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86311		
182	95.0	47.8	143.4	
145	28.2	14.1	42.4	

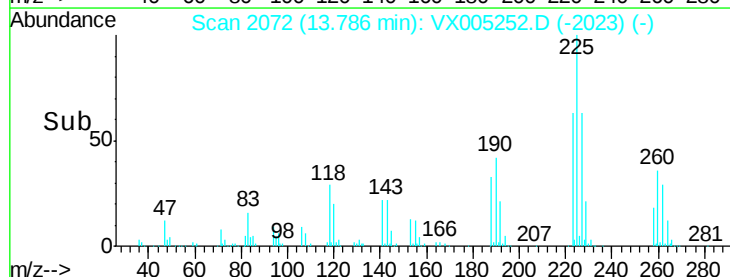
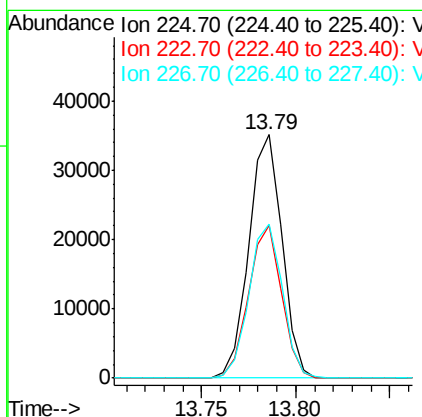
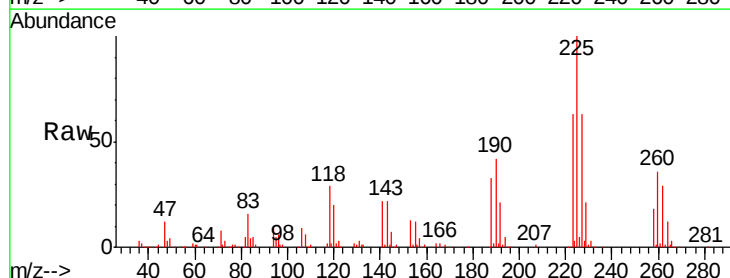
Manual Integrations
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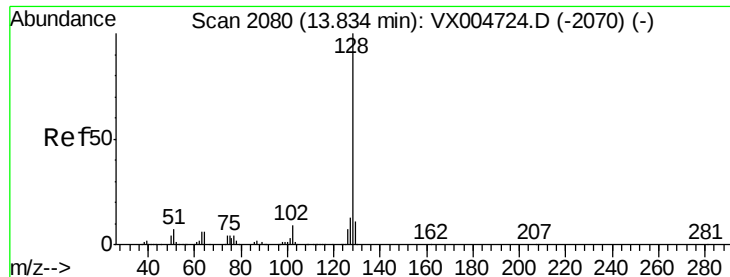
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#94
 Hexachlorobutadiene
 Concen: 19.64 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005252.D
 Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42998		
223	62.0	31.3	93.8	
227	63.7	31.9	95.5	





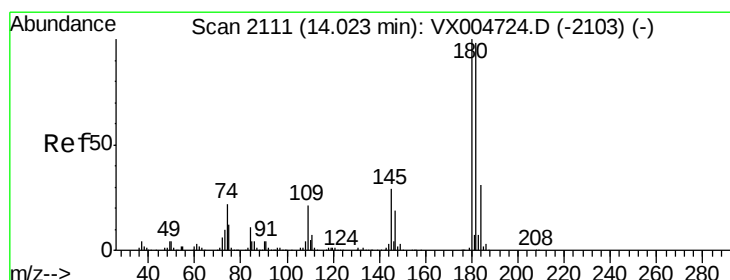
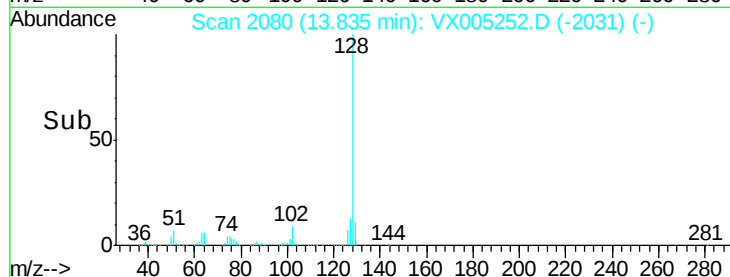
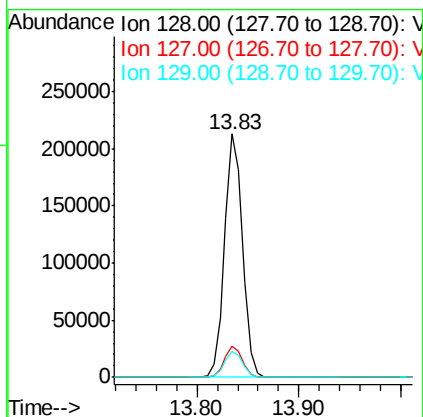
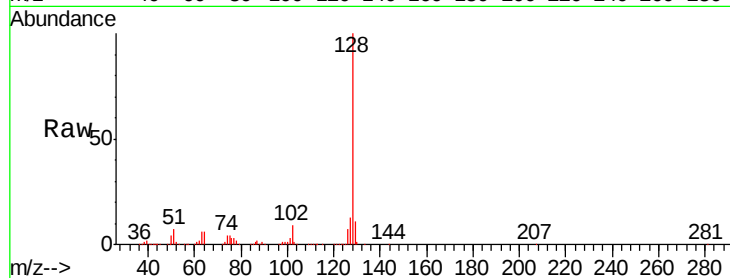
#95
Naphthalene
Concen: 19.00 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS09

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	259873		
127	12.9	10.4	15.6	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.41 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005252.D
Acq: 11 Oct 2018 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89030		
182	94.5	47.9	143.8	
145	28.9	15.0	45.0	

