

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003047.D
 Acq On : 29 Jun 2018 23:50
 Operator : JC/MD
 Sample : VX0629WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Manual Integrations
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Quant Time: Jun 30 03:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181091	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	148216	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.72	98	541252	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	201775	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59104	25.41	ug/l	98
3) Chloromethane	1.32	50	56991	23.10	ug/l	95
4) Vinyl Chloride	1.40	62	63890	21.81	ug/l	91
5) Bromomethane	1.64	94	24712	16.24	ug/l	100
6) Chloroethane	1.72	64	39021	21.50	ug/l	97
7) Trichlorofluoromethane	1.93	101	101173	20.48	ug/l	94
8) Diethyl Ether	2.19	74	36638	20.40	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56952	19.90	ug/l	98
10) Methyl Iodide	2.51	142	47646	20.59	ug/l	98
11) Tert butyl alcohol	3.08	59	77744	109.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51416	20.13	ug/l	93
13) Acrolein	2.29	56	36775	95.68	ug/l	97
14) Allyl chloride	2.73	41	100639	19.99	ug/l	95
15) Acrylonitrile	3.15	53	162664	106.80	ug/l	99
16) Acetone	2.45	43	150091	101.25	ug/l	98
17) Carbon Disulfide	2.57	76	138272	20.32	ug/l	96
18) Methyl Acetate	2.78	43	79691	19.23	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	185890	20.24	ug/l	100
20) Methylene Chloride	2.86	84	57860	20.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55645	20.00	ug/l	95
22) Diisopropyl ether	3.87	45	194108	20.17	ug/l	94
23) Vinyl Acetate	3.83	43	838155	102.85	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106107	20.29	ug/l	99
25) 2-Butanone	4.71	43	233034	105.92	ug/l	98
26) 2,2-Dichloropropane	4.59	77	57632	13.55	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	62881	20.16	ug/l	96
28) Bromochloromethane	5.03	49	49974	19.96	ug/l	93
29) Tetrahydrofuran	5.17	42	148830	105.49	ug/l	97
30) Chloroform	5.22	83	108288	20.17	ug/l	94
31) Cyclohexane	5.57	56	88757	19.77	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	96135	20.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77058	19.55	ug/l	99
37) Ethyl Acetate	4.87	43	89302	21.04	ug/l	98
38) Carbon Tetrachloride	5.79	117	84611	19.56	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83707	18.23	ug/l	96
40) Benzene	6.15	78	234085	20.43	ug/l	99
41) Methacrylonitrile	5.07	41	50111	20.50	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91116	19.69	ug/l	99
43) Isopropyl Acetate	6.47	43	138521	19.46	ug/l	99
44) Trichloroethene	7.21	130	68037	19.92	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60529	19.92	ug/l	98
46) Dibromomethane	7.67	93	42149	19.99	ug/l	97
47) Bromodichloromethane	7.90	83	76890	19.72	ug/l	97
48) Methyl methacrylate	7.78	41	71699	19.55	ug/l	96
49) 1,4-Dioxane	7.76	88	29939	419.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	471040	105.75	ug/l	98
52) Toluene	8.79	92	154790	21.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	84042	19.03	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	77293	18.19	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63608	21.09	ug/l	96
56) Ethyl methacrylate	9.18	69	89390	20.28	ug/l	96
57) 1,3-Dichloropropane	9.38	76	103802	20.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	232101	109.16	ug/l	97
59) 2-Hexanone	9.50	43	362420	107.06	ug/l	98
60) Dibromochloromethane	9.59	129	63406	19.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65536	20.72	ug/l	99
64) Tetrachloroethene	9.34	164	80007	20.42	ug/l	99
65) Chlorobenzene	10.14	112	175927	19.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64406	19.81	ug/l	100
67) Ethyl Benzene	10.26	91	291577	19.72	ug/l	100
68) m/p-Xylenes	10.37	106	224143	39.33	ug/l	100
69) o-Xylene	10.70	106	110212	19.86	ug/l	98
70) Styrene	10.71	104	182522	20.24	ug/l	99
71) Bromoform	10.86	173	49716	19.50	ug/l	99
73) Isopropylbenzene	11.02	105	295794	20.45	ug/l	100
74) N-amyl acetate	6.47	43	138521	19.58	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92952	20.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81141m	20.84	ug/l	
77) Bromobenzene	11.26	156	83545	20.29	ug/l	97
78) n-propylbenzene	11.37	91	330156	20.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	200042	20.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	243836	20.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19714	17.06	ug/l	93
82) 4-Chlorotoluene	11.51	91	238600	20.22	ug/l	100
83) tert-Butylbenzene	11.77	119	238354	19.86	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	253542	20.09	ug/l	98
85) sec-Butylbenzene	11.95	105	281575	19.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	255515	19.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148697	19.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149995	19.38	ug/l	99
89) n-Butylbenzene	12.39	91	205352	18.02	ug/l	99
90) Hexachloroethane	12.60	117	34576	17.76	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	151939	20.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19493	19.47	ug/l	97

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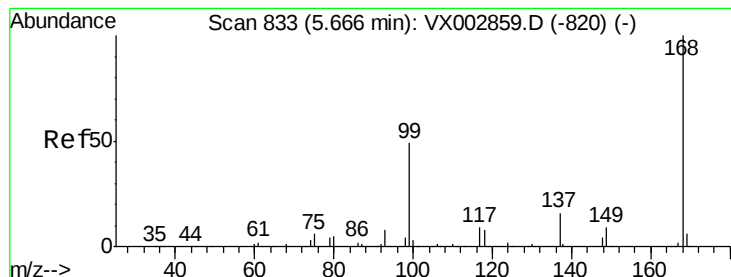
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102554	18.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	50700	18.40	ug/l	99
95) Naphthalene	13.83	128	302262	20.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108090	19.59	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion:168 Resp: 258978

Ion Ratio Lower Upper

168 100

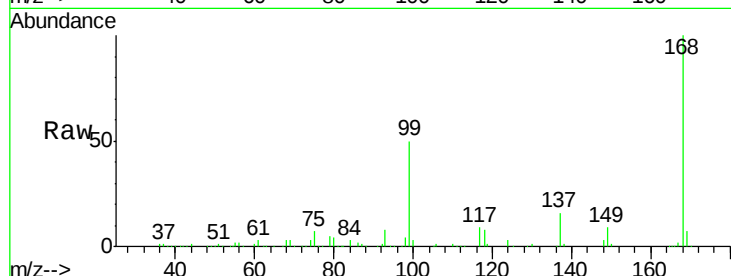
99 50.5 39.3 58.9

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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

100000

80000

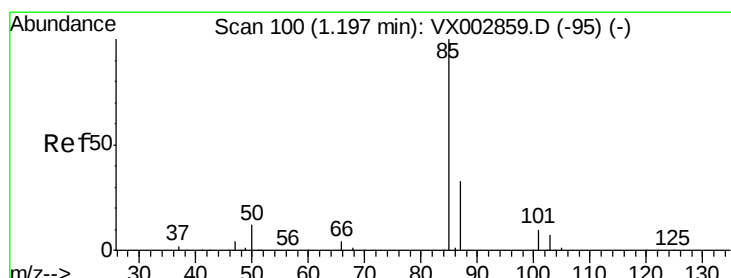
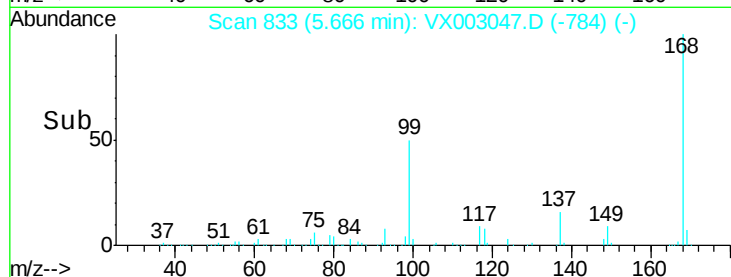
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 25.41 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003047.D

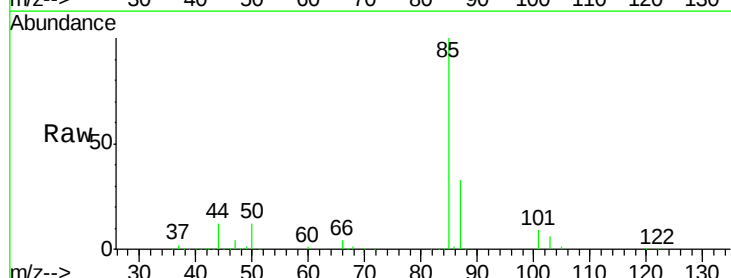
Acq: 29 Jun 2018 23:50

Tgt Ion: 85 Resp: 59104

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

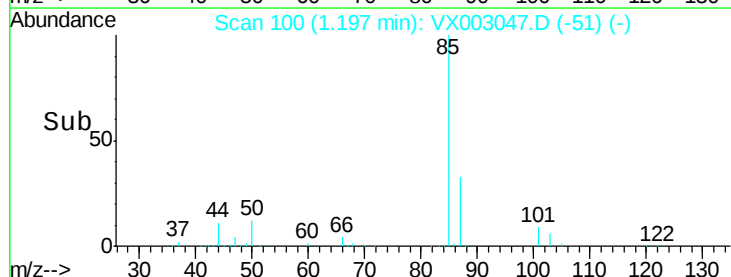
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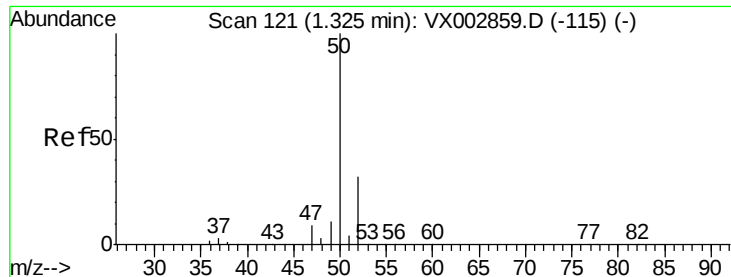
40000

20000

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Time-->





#3

Chloromethane

Concen: 23.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion: 50 Resp: 56991

Ion Ratio Lower Upper

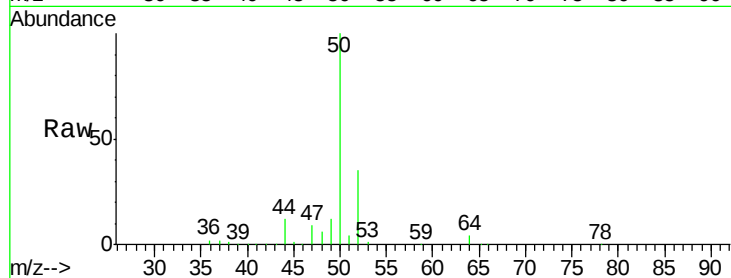
50 100

52 34.6 25.7 38.5

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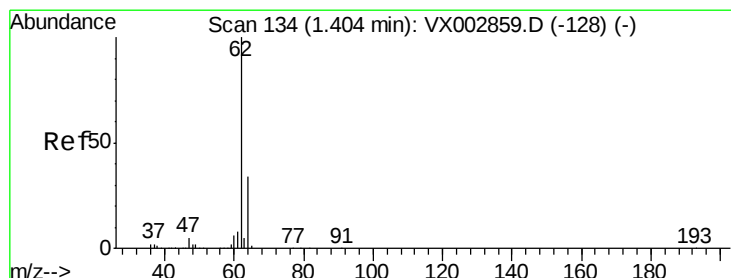
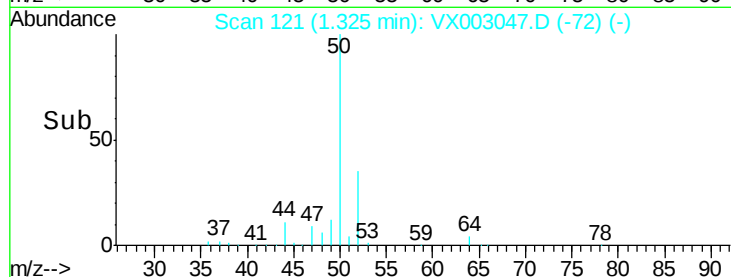
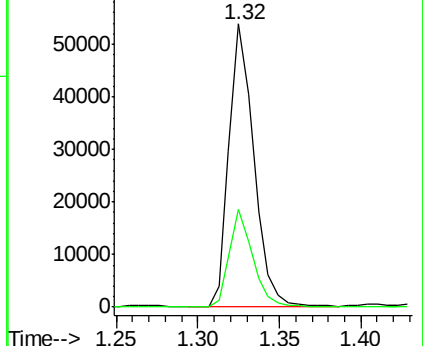
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.81 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003047.D

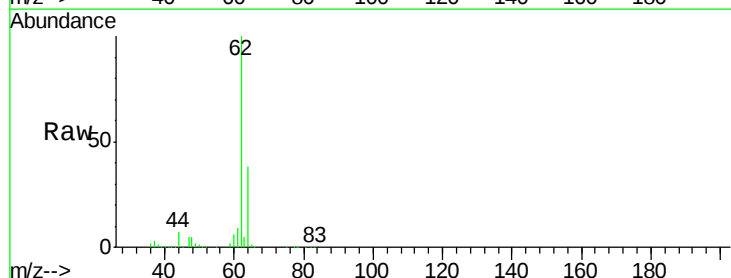
Acq: 29 Jun 2018 23:50

Tgt Ion: 62 Resp: 63890

Ion Ratio Lower Upper

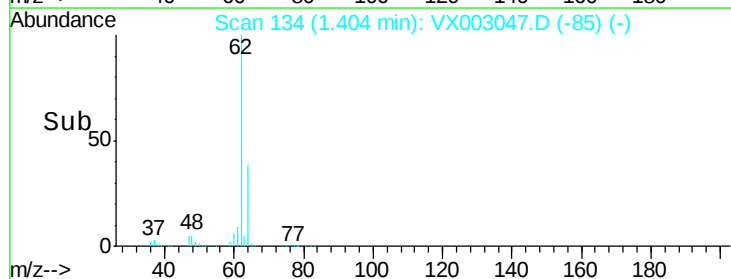
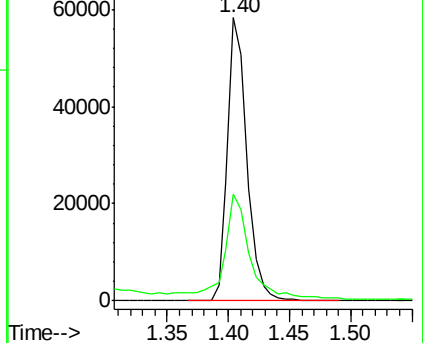
62 100

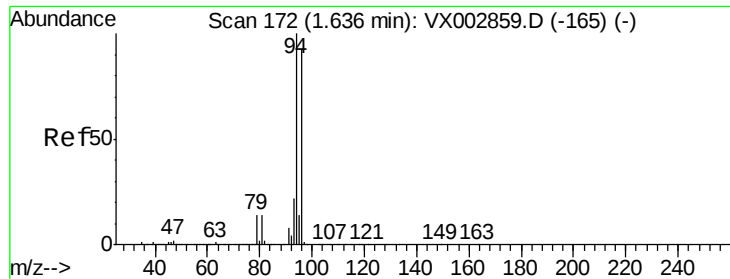
64 36.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS02

Tot Ion: 94 Resp: 24712

Ion Ratio Lower Upper

94 100

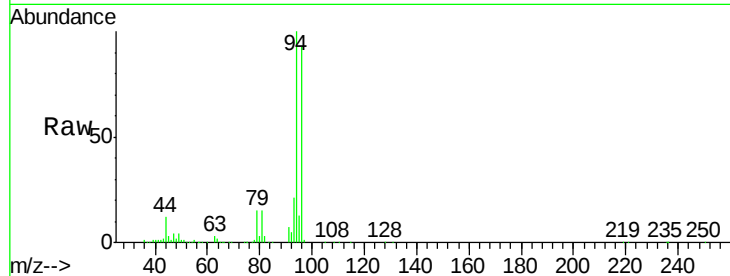
96 93.6 74.9 112.3

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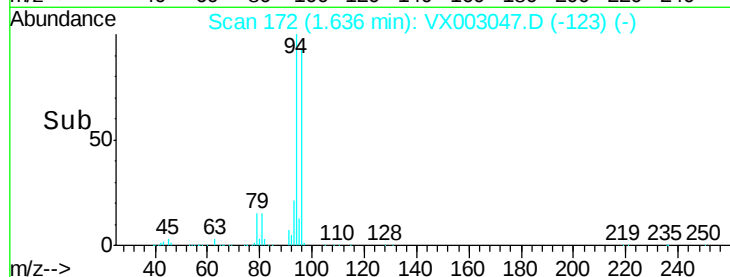


Abundance Ion 93.90 (93.60 to 94.60): VX0

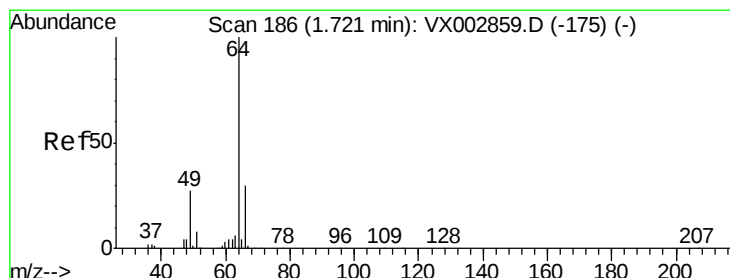
Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



Time-->



#6

Chloroethane

Concen: 21.50 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003047.D

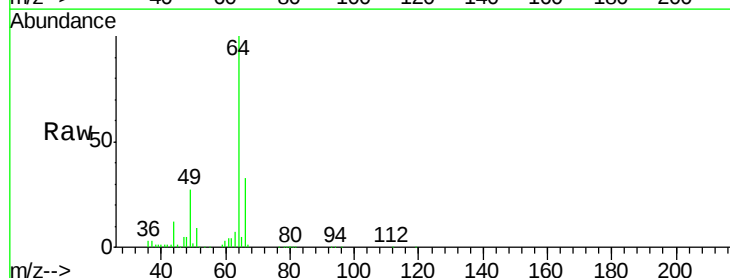
Acq: 29 Jun 2018 23:50

Tgt Ion: 64 Resp: 39021

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3

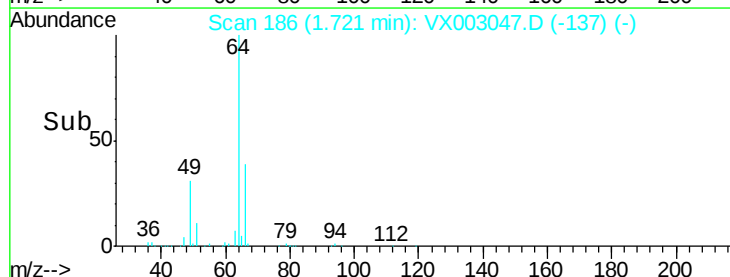


Abundance Ion 63.90 (63.60 to 64.60): VX0

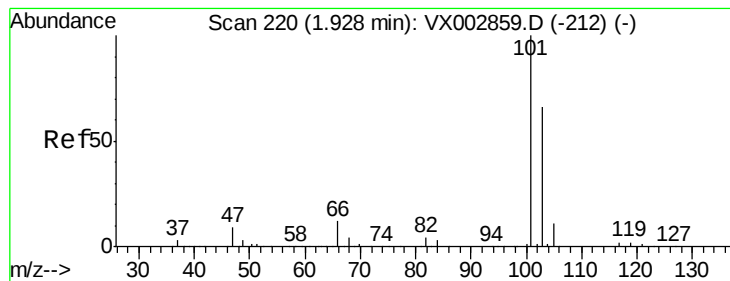
Ion 65.90 (65.60 to 66.60): VX0

1.72

Time-->



Time-->



#7

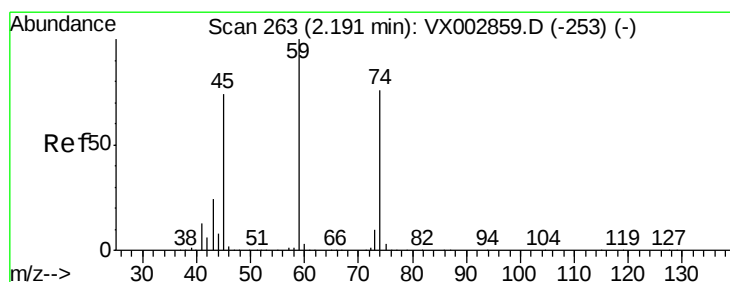
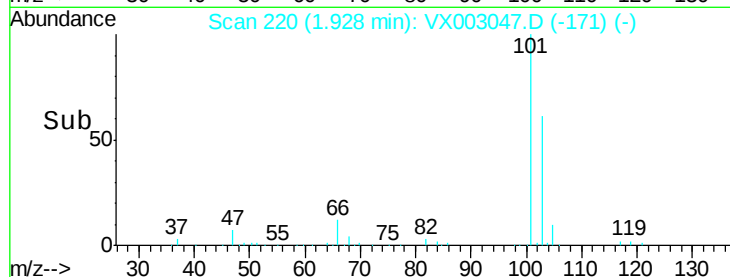
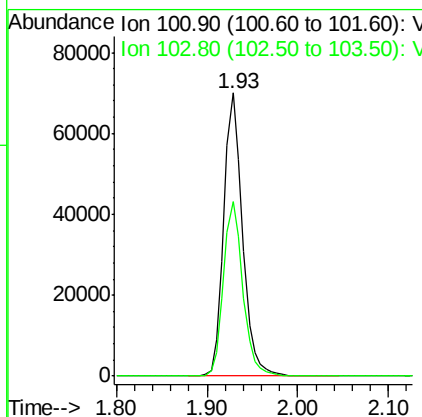
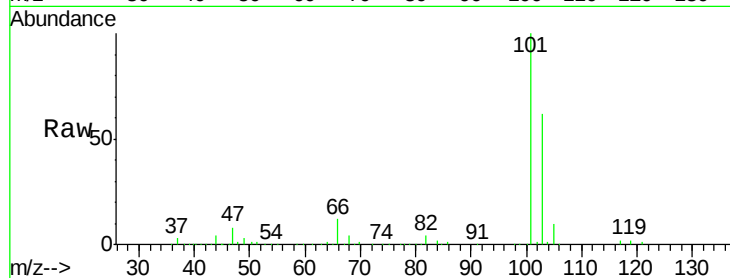
Trichlorofluoromethane
Concen: 20.48 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
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ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.8	79.2

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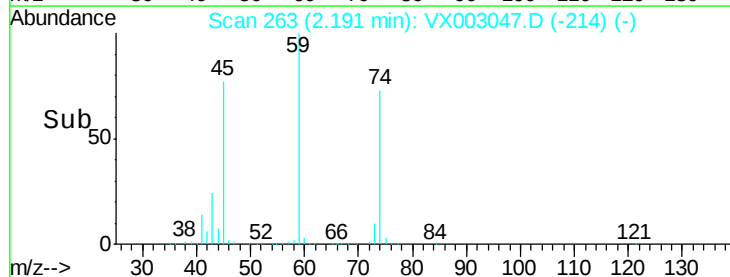
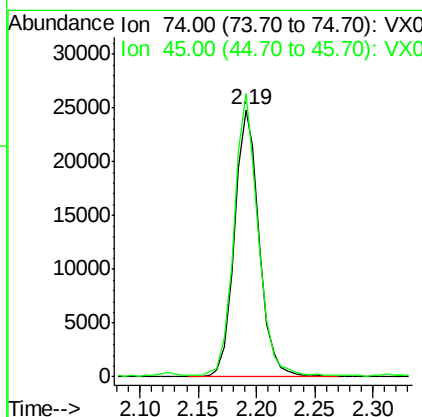
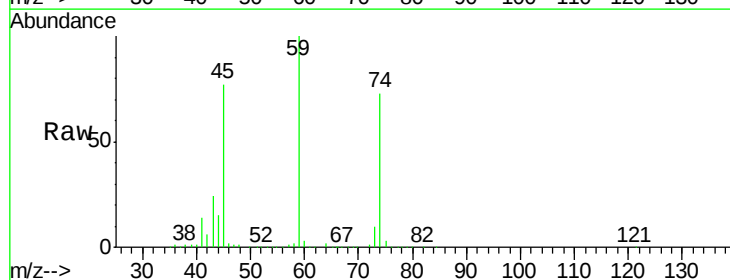
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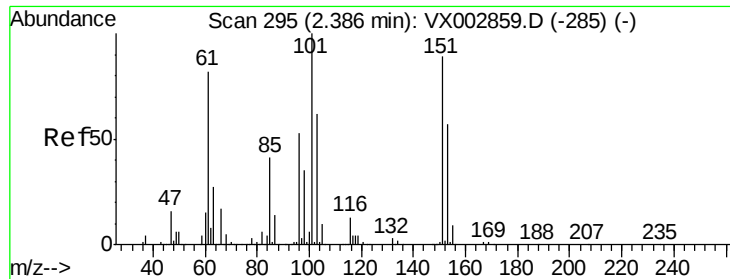


#8

Diethyl Ether
Concen: 20.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

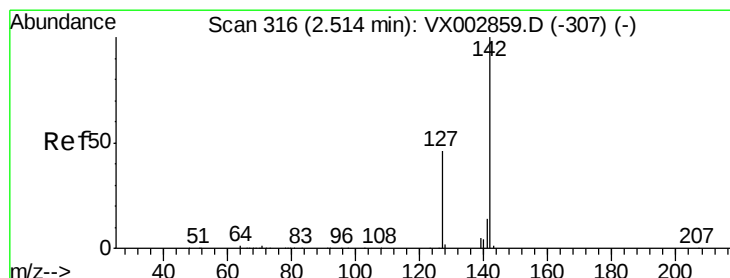
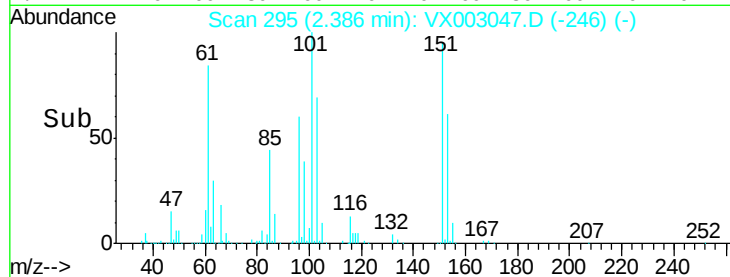
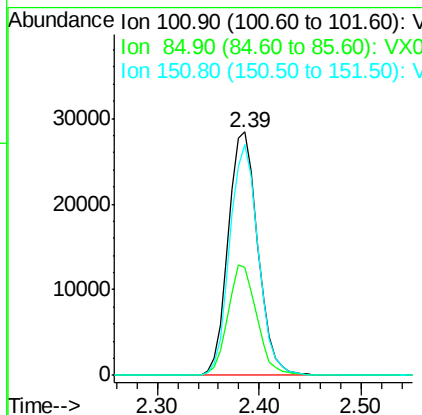
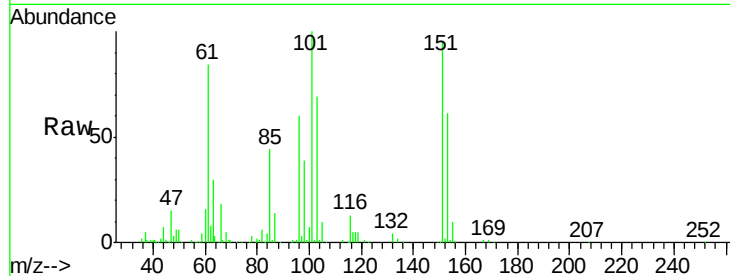
ClientSampleId :

VX0629WBS02

Tot Ion:	101	Resp:	56952
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	91.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.59 ug/l

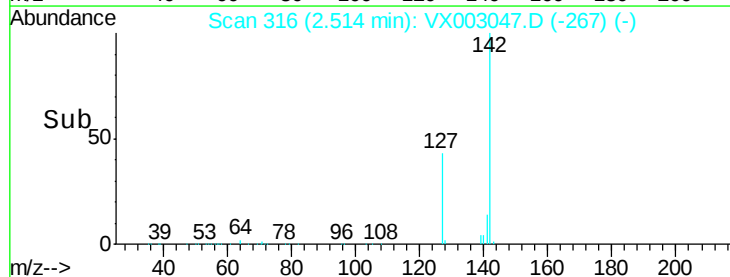
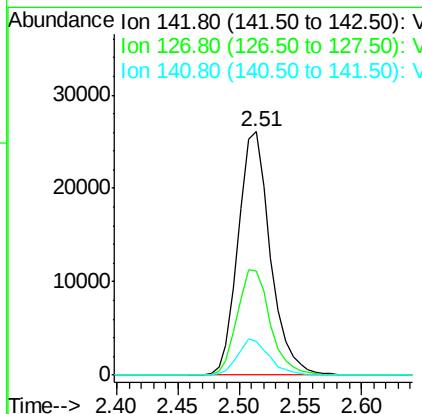
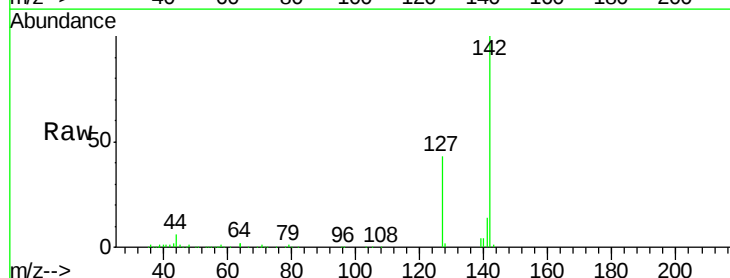
RT: 2.51 min Scan# 316

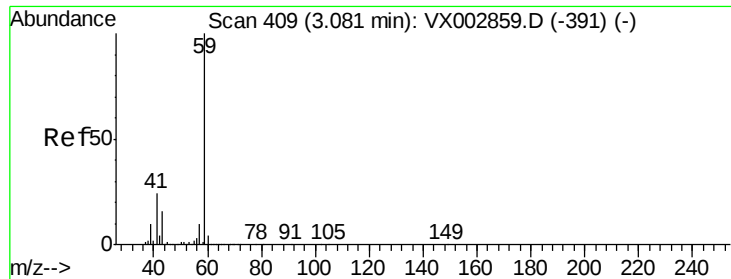
Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	142	Resp:	47646
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.6	55.0
141	14.6	11.3	16.9





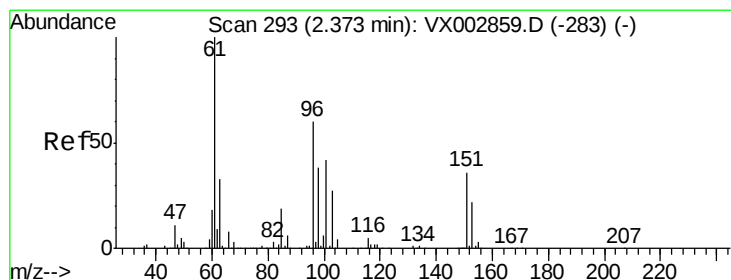
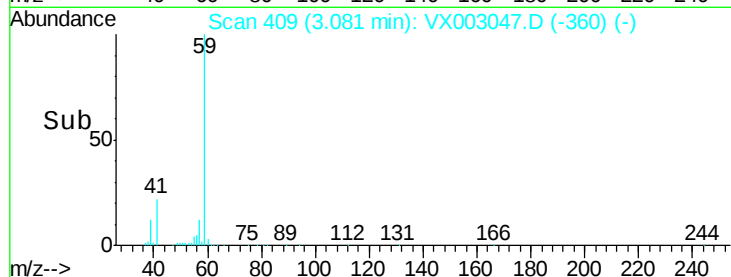
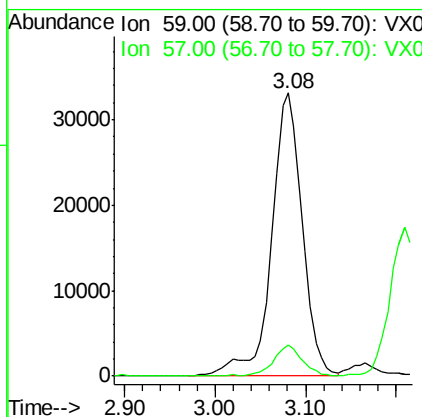
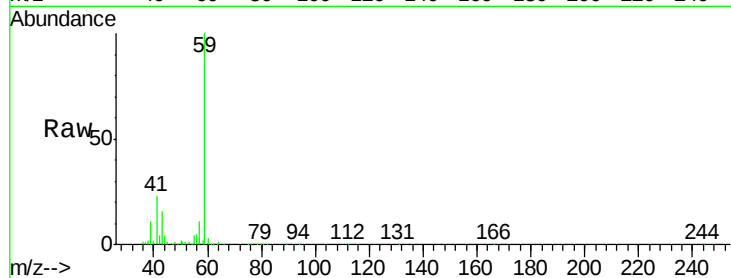
#11
Tert butyl alcohol
Concen: 109.02 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS02

Tot Ion: 59 Resp: 77744
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

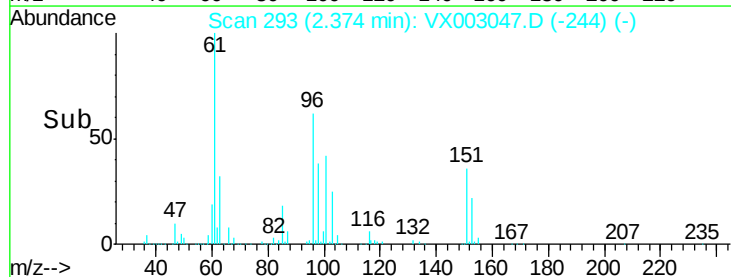
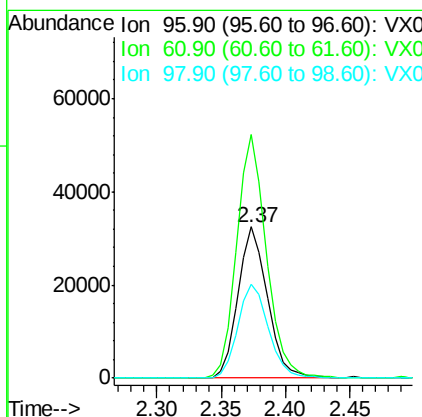
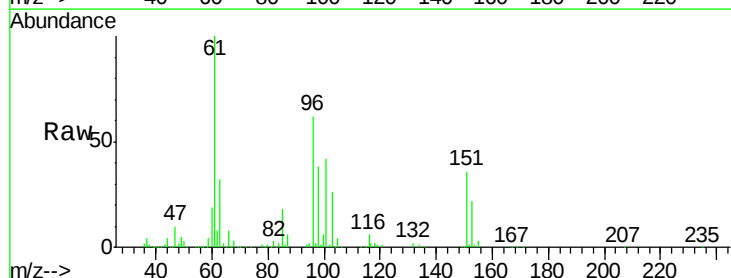
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 20.13 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 96 Resp: 51416
Ion Ratio Lower Upper
96 100
61 161.3 137.9 206.9
98 61.9 51.6 77.4





#13

Acrolein

Concen: 95.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion: 56 Resp: 36775

Ion Ratio Lower Upper

56 100

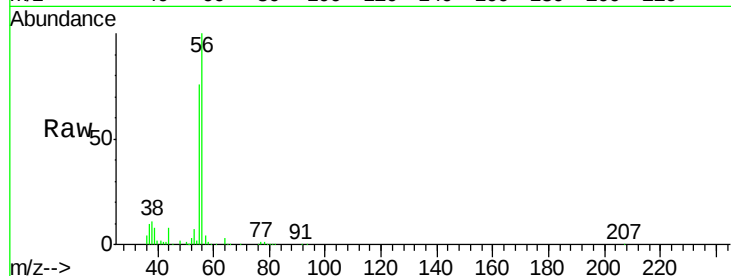
55 73.9 57.0 85.4

Manual Integrations

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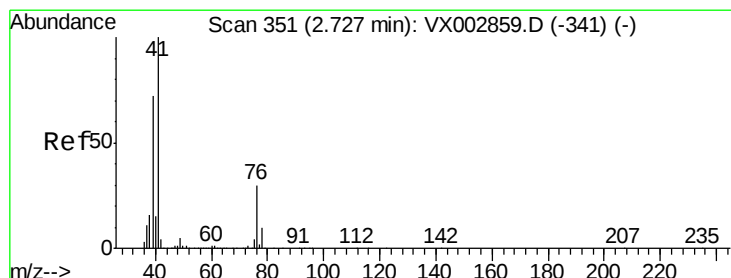
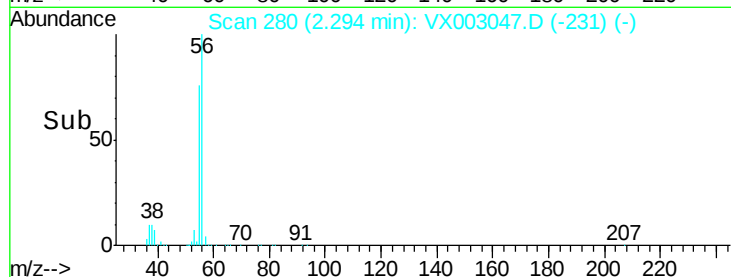
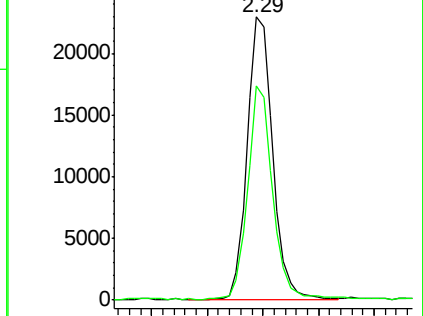
apatel

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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: 19.99 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

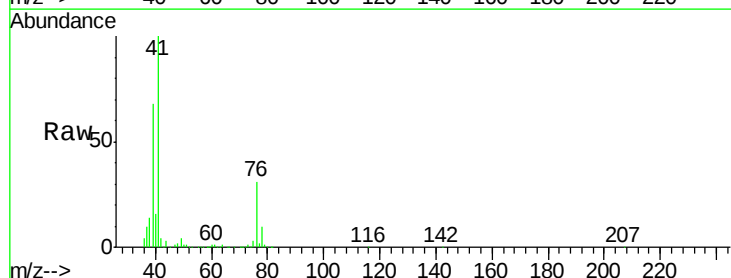
Tgt Ion: 41 Resp: 100639

Ion Ratio Lower Upper

41 100

39 65.5 56.8 85.2

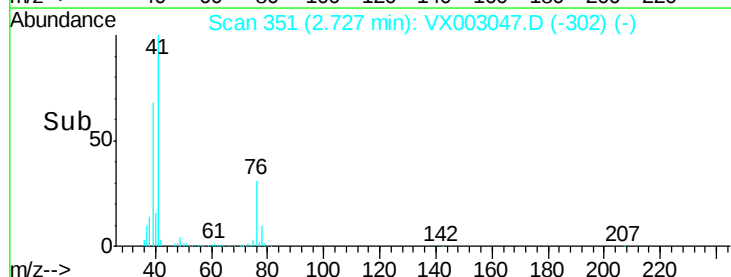
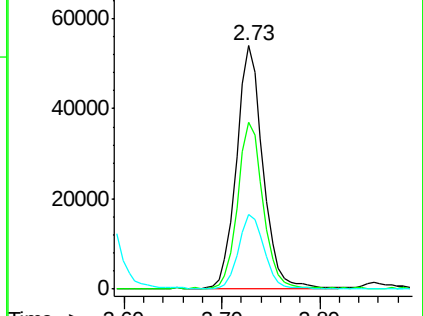
76 29.9 23.8 35.8



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: 106.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

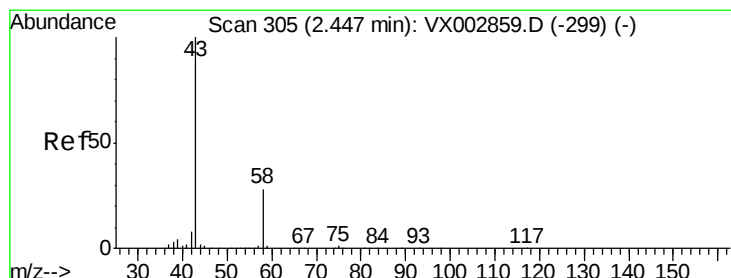
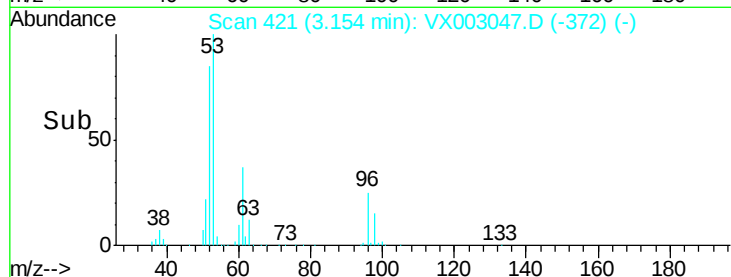
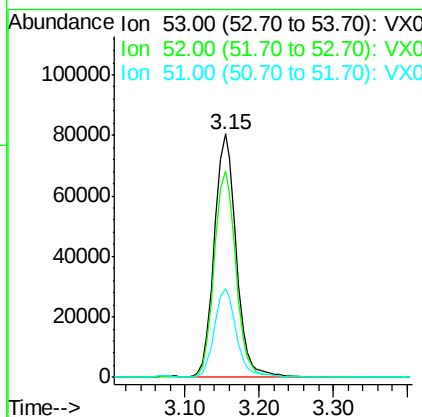
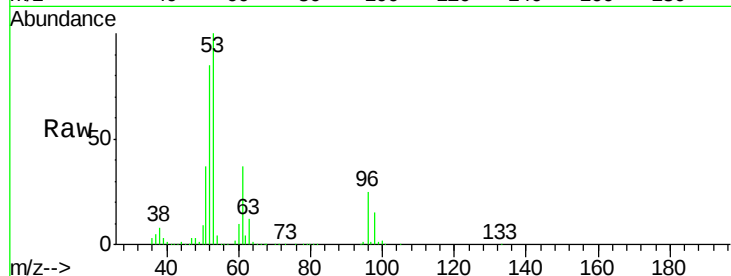
ClientSampleId :

VX0629WBS02

Tot Ion:	53	Resp:	162664
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.7	100.1
51	36.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 101.25 ug/l

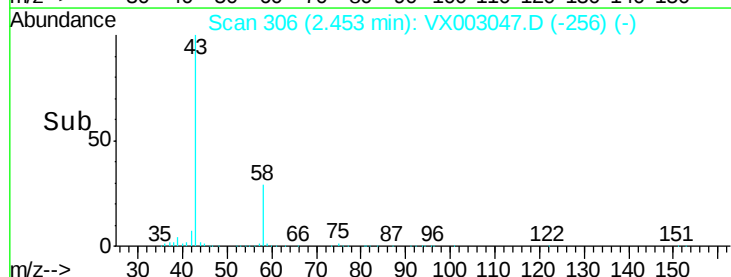
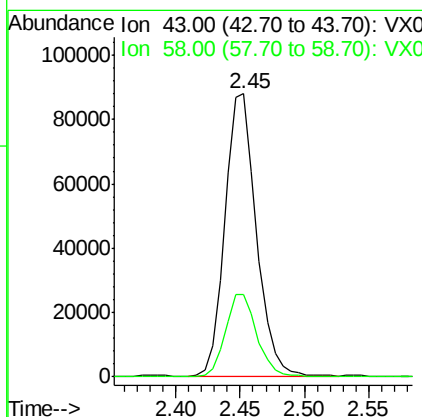
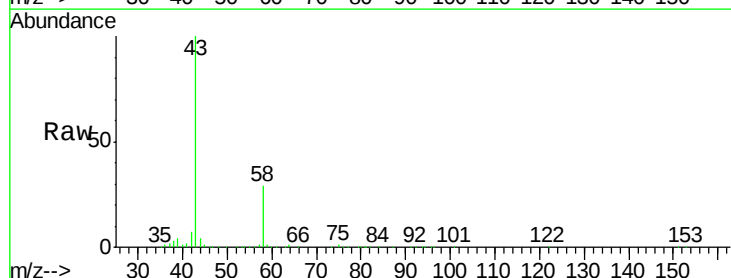
RT: 2.45 min Scan# 306

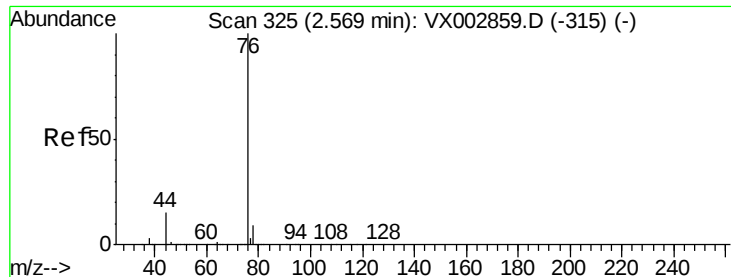
Delta R.T. 0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	43	Resp:	150091
Ion Ratio	Lower	Upper	
43	100		
58	28.9	22.1	33.1





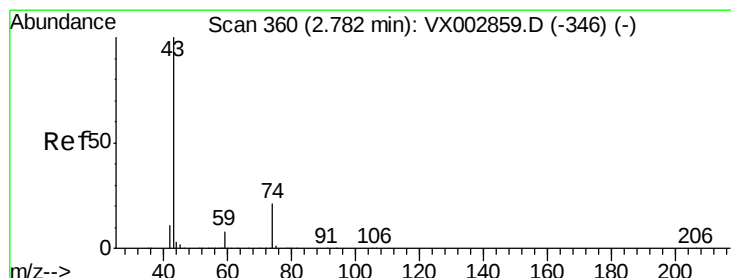
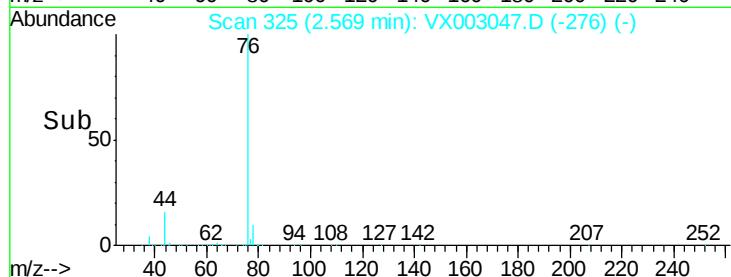
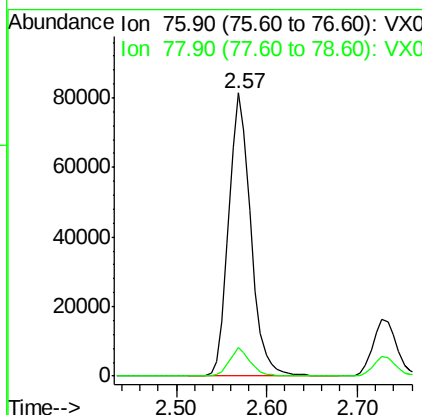
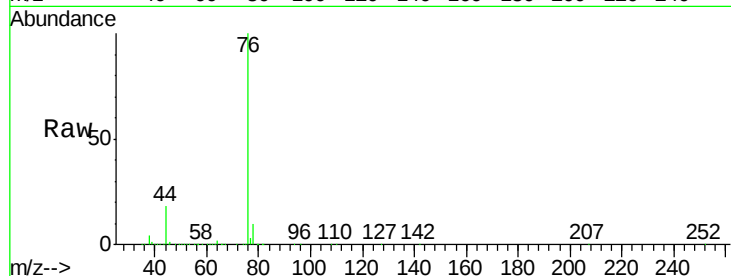
#17
Carbon Disulfide
Concen: 20.32 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
76	100	138272		
78	9.9	6.9	6.9	10.3

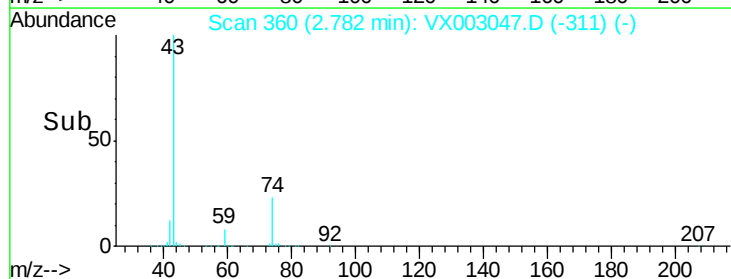
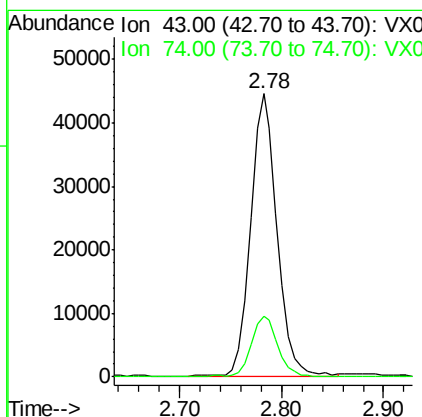
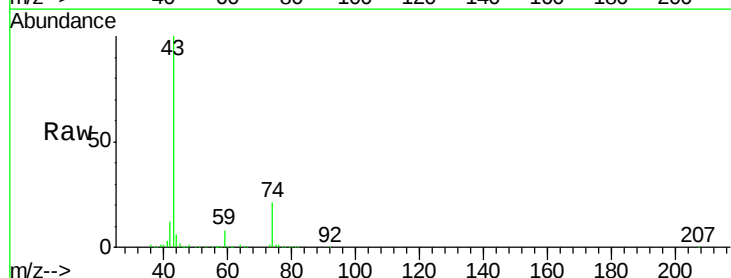
Manual Integrations
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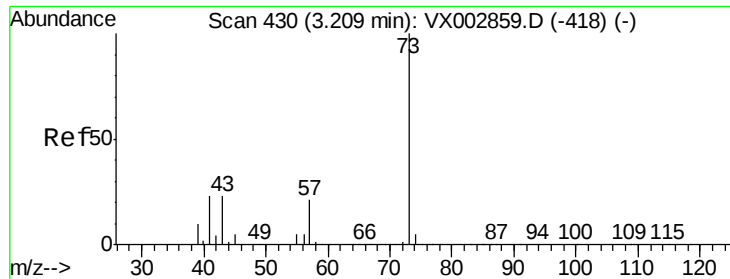
apatel
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#18
Methyl Acetate
Concen: 19.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	79691		
74	22.1	16.7	16.7	25.1





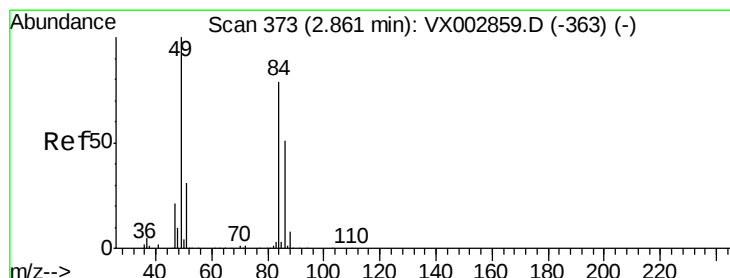
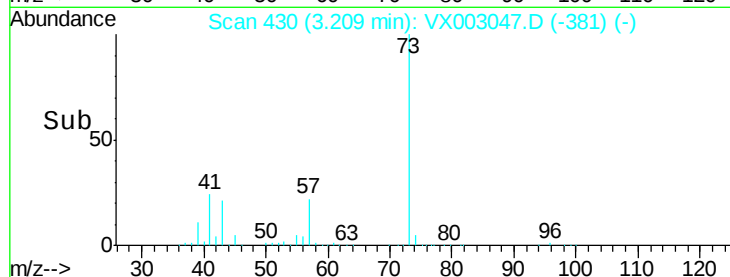
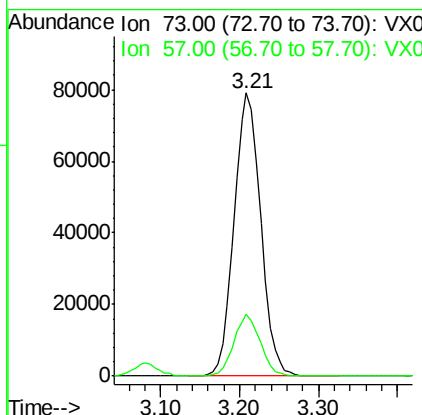
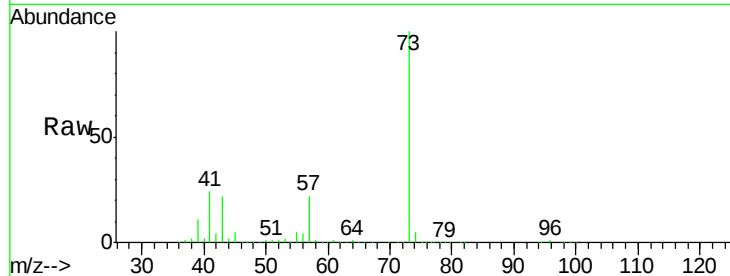
#19
Methvl tert-butvl Ether
Concen: 20.24 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion: 73 Resp: 185890
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

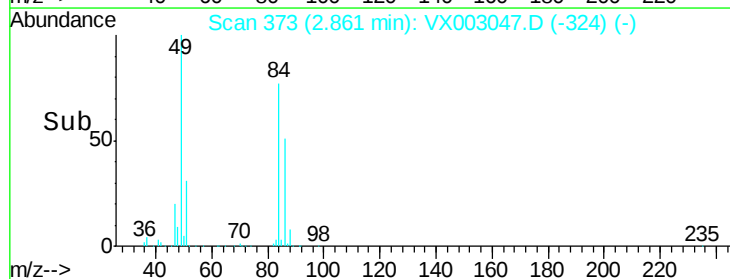
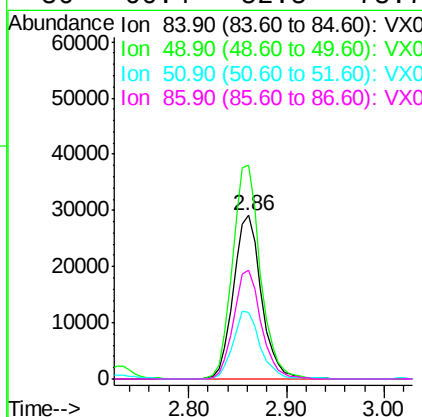
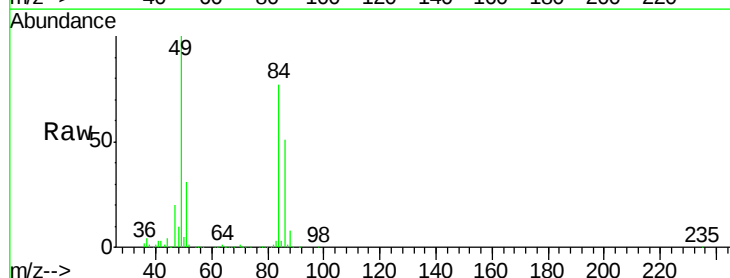
Manual Integrations
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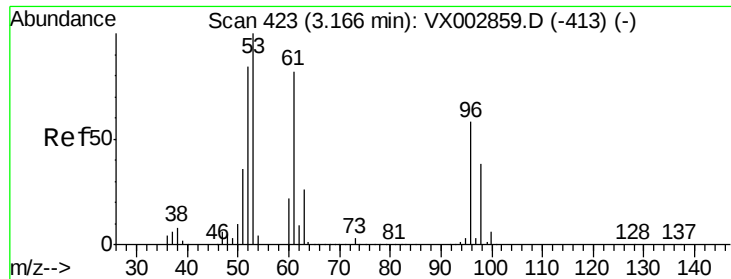
apatel
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#20
Methylene Chloride
Concen: 20.06 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 84 Resp: 57860
Ion Ratio Lower Upper
84 100
49 130.2 107.8 161.6
51 40.2 32.8 49.2
86 66.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

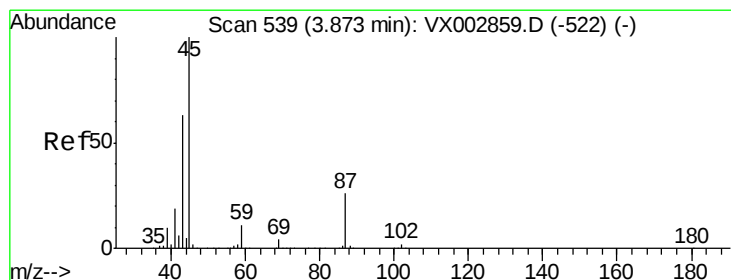
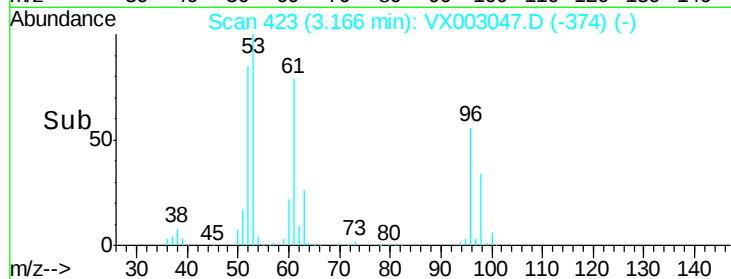
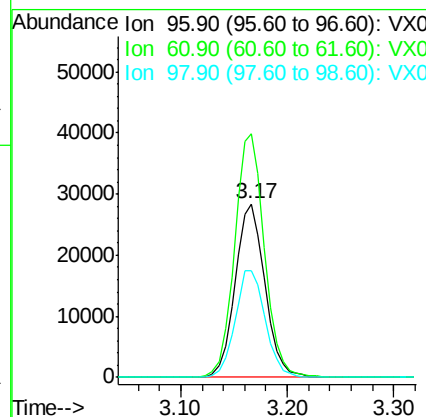
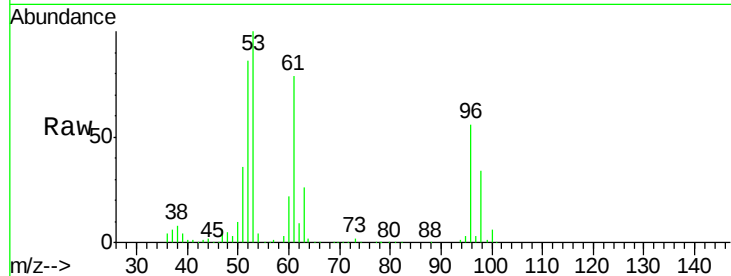
ClientSampled :

VX0629WBS02

Tot Ion:	96	Resp:	55645
Ion	Ratio	Lower	Upper
96	100		
61	140.0	117.0	175.4
98	61.4	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.17 ug/l

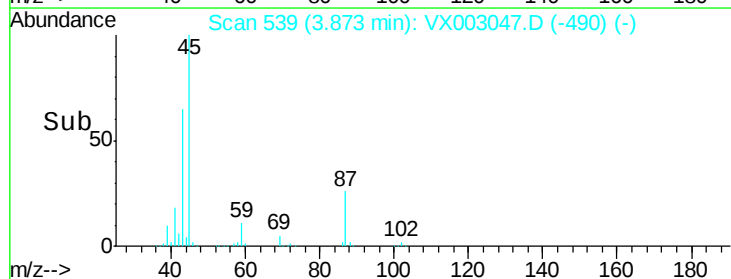
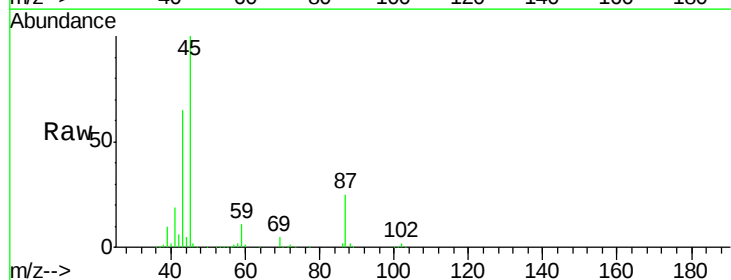
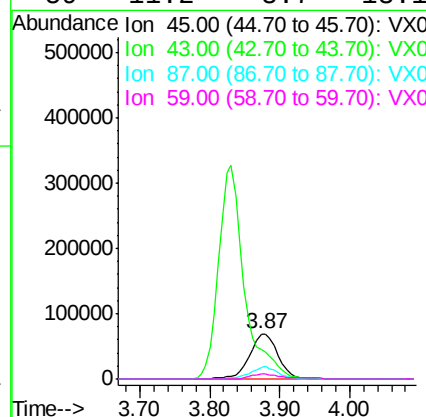
RT: 3.87 min Scan# 539

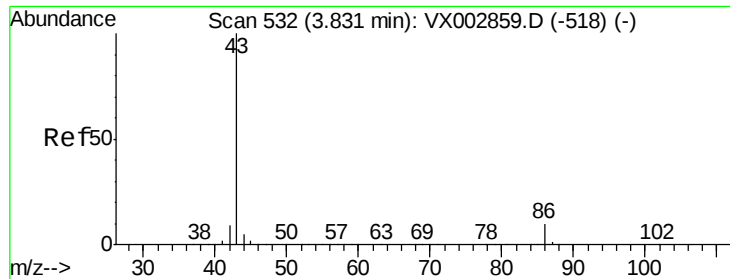
Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	45	Resp:	194108
Ion	Ratio	Lower	Upper
45	100		
43	64.9	46.8	70.2
87	25.5	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 102.85 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS02

Tot Ion: 43 Resp: 838155

Ion Ratio Lower Upper

43 100

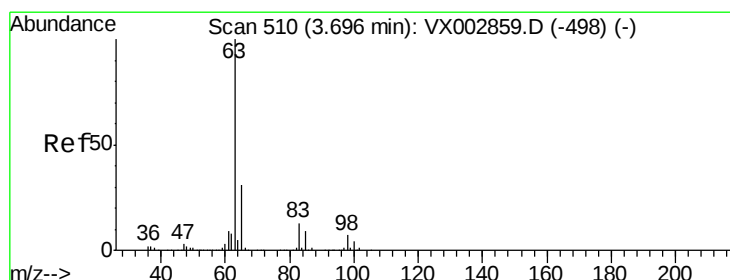
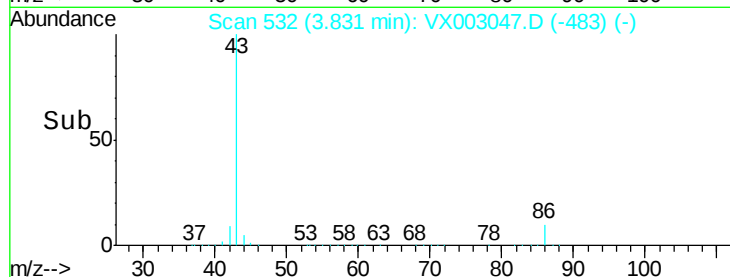
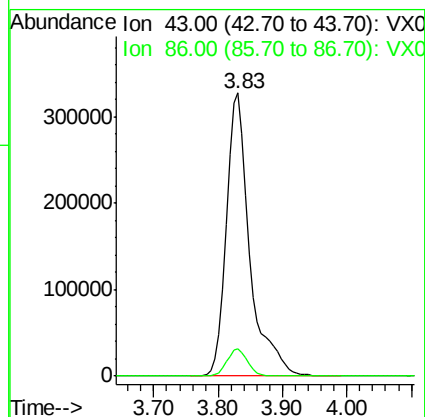
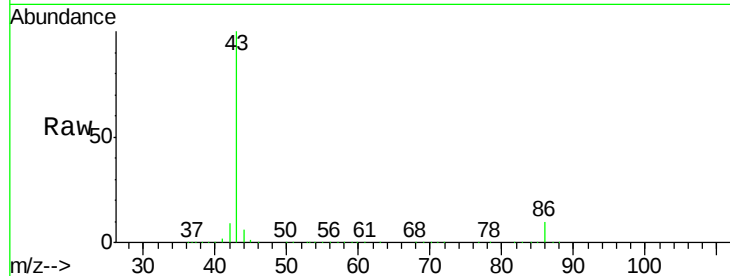
86 9.8 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

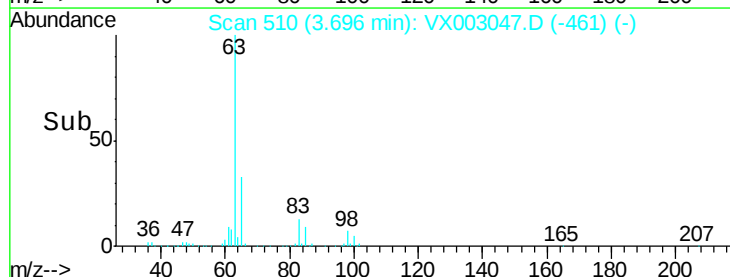
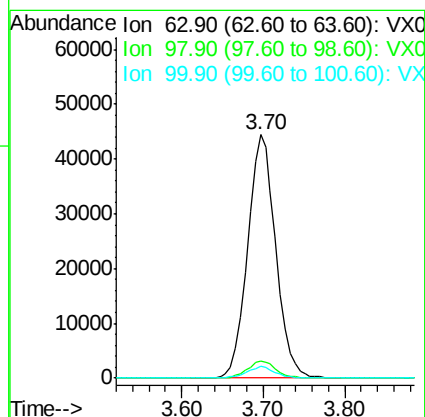
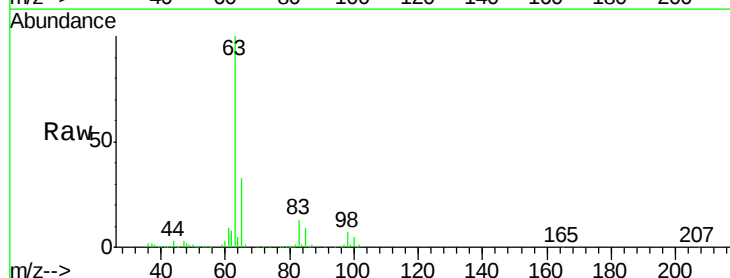
Tgt Ion: 63 Resp: 106107

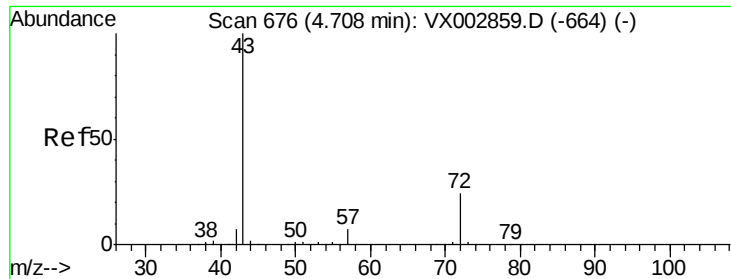
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 5.1 2.0 6.0





#25

2-Butanone

Concen: 105.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion: 43 Resp: 233034

Ion Ratio Lower Upper

43 100

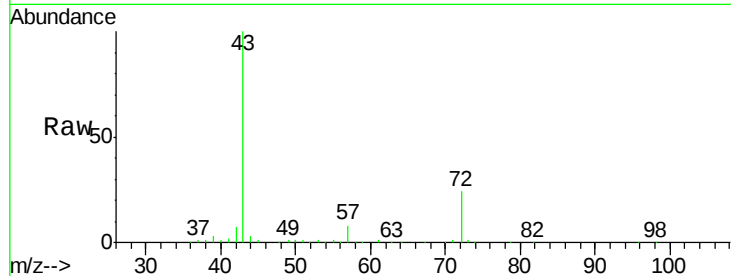
72 23.8 18.5 27.7

Manual Integrations

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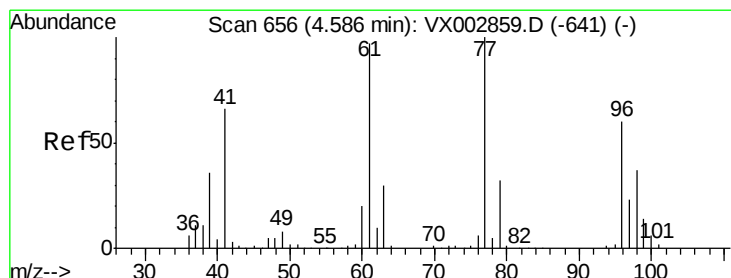
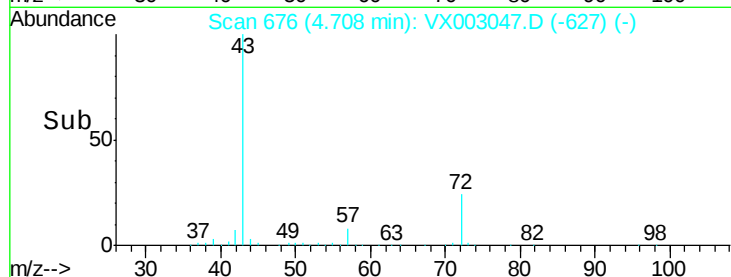
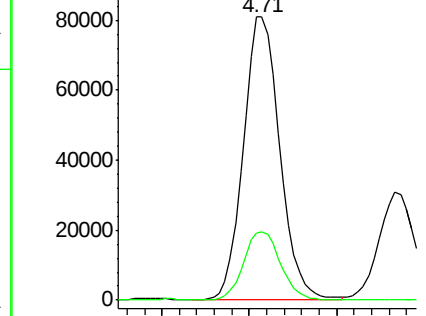
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.55 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003047.D

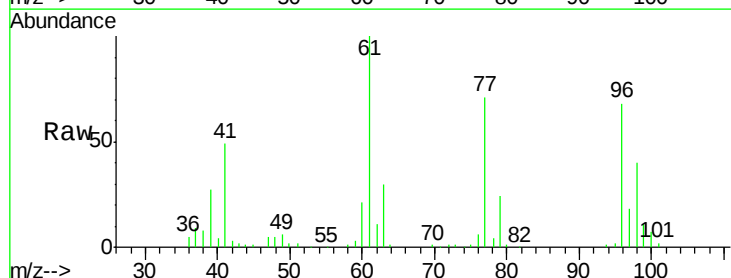
Acq: 29 Jun 2018 23:50

Tgt Ion: 77 Resp: 57632

Ion Ratio Lower Upper

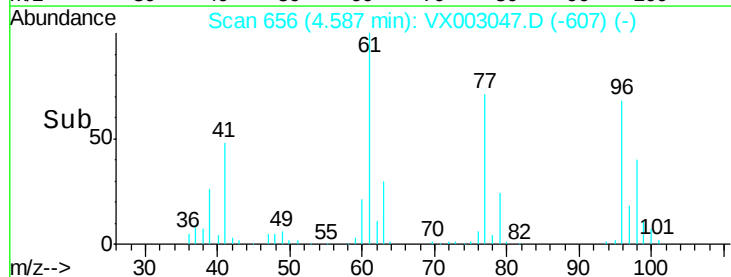
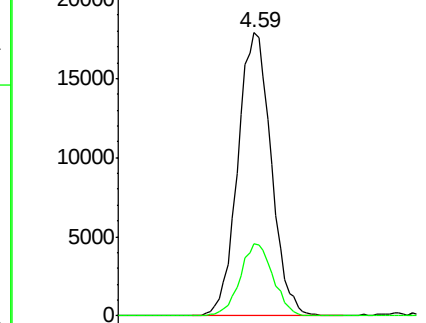
77 100

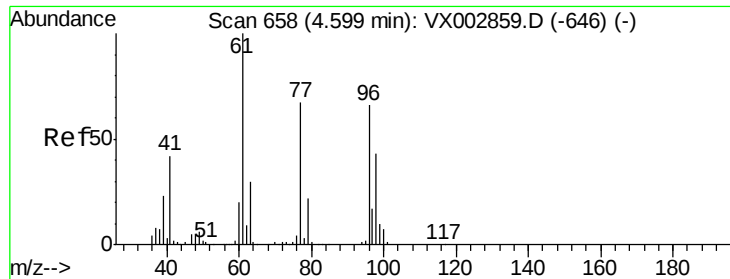
97 24.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

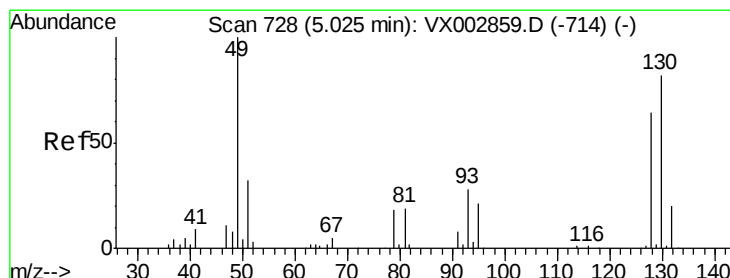
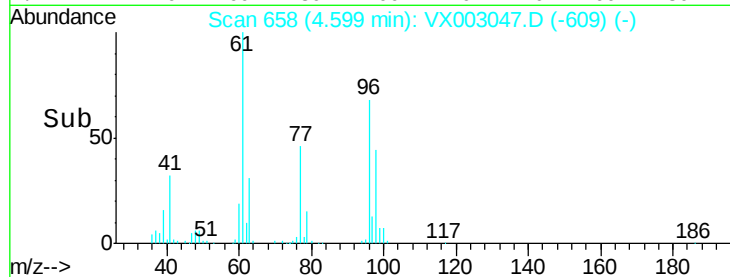
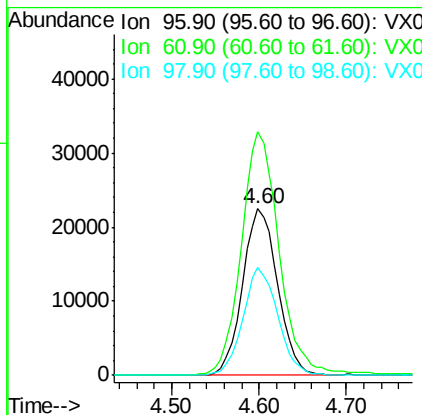
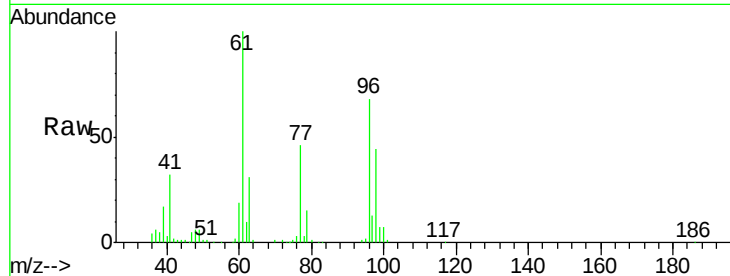
cis-1,2-Dichloroethene
Concen: 20.16 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	330.2
98	64.0	0.0	130.2

Manual Integrations
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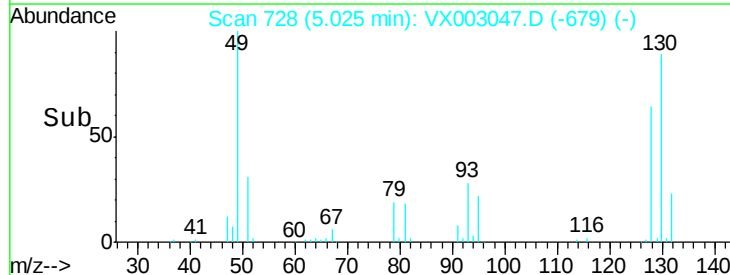
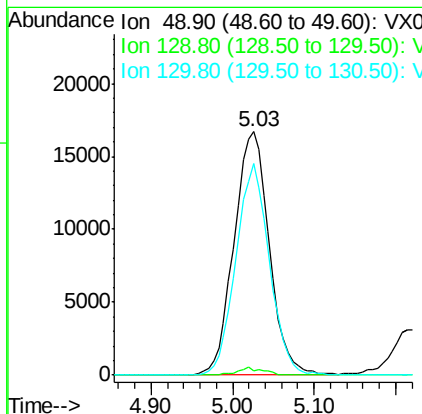
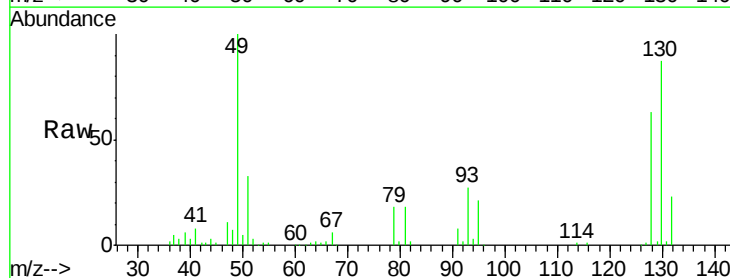
apatel
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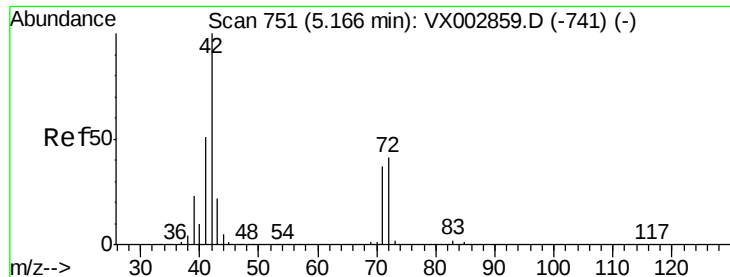


#28

Bromochloromethane
Concen: 19.96 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	82.7	61.2	91.8





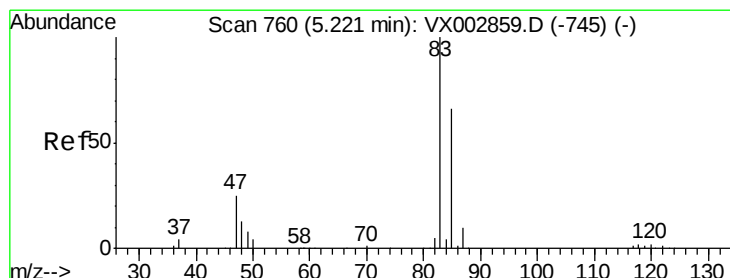
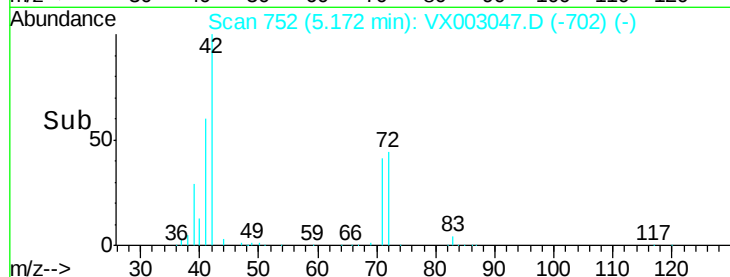
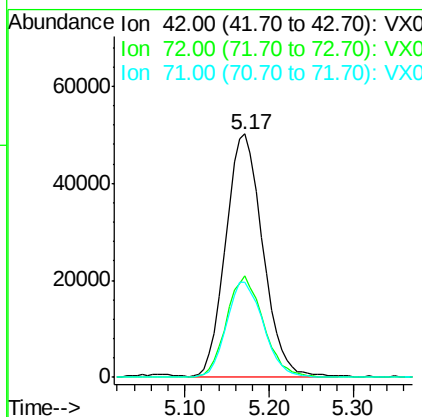
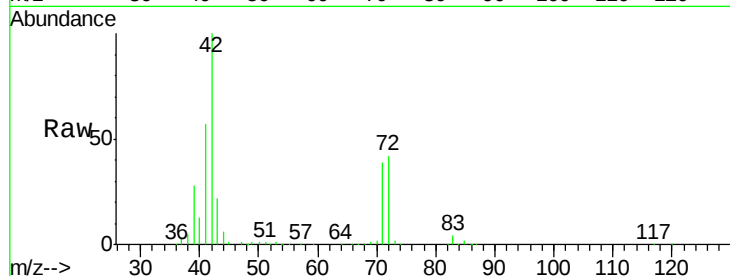
#29
Tetrahydrofuran
Concen: 105.49 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	39.5	30.1	45.1

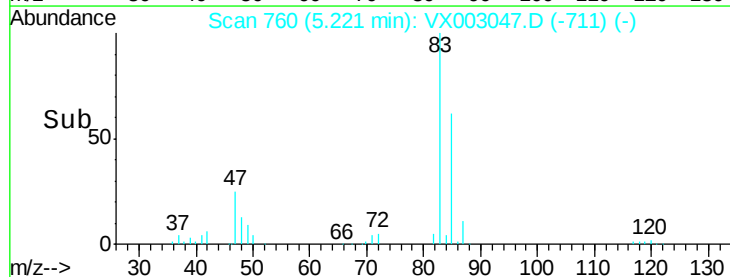
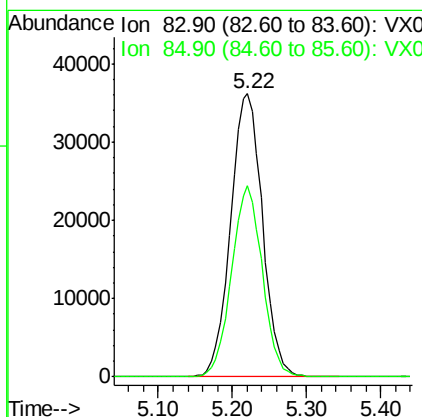
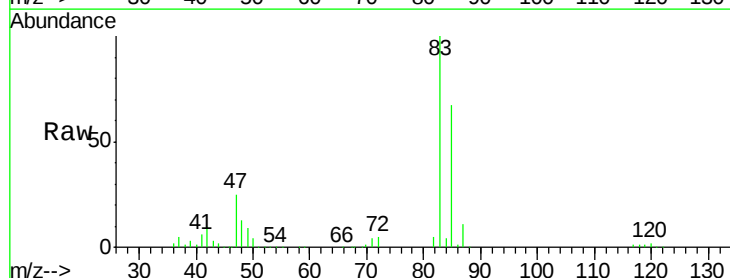
Manual Integrations
APPROVED

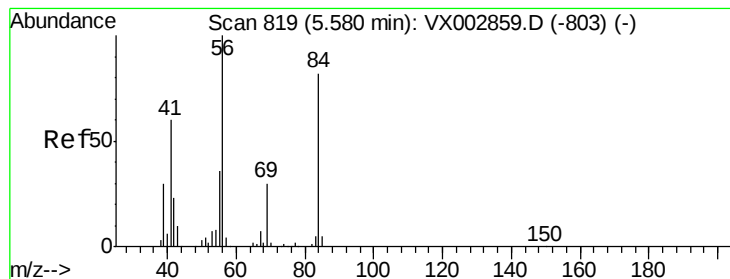
apatel
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#30
Chloroform
Concen: 20.17 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	50.4	75.6





#31

Cyclohexane

Concen: 19.77 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

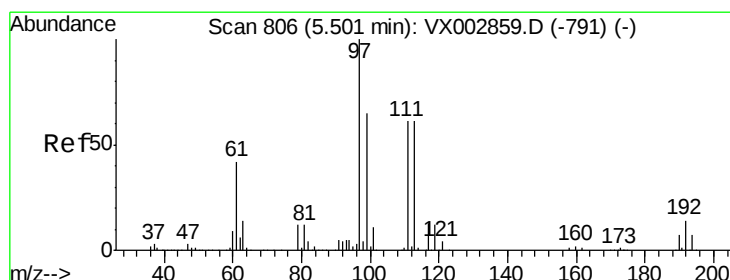
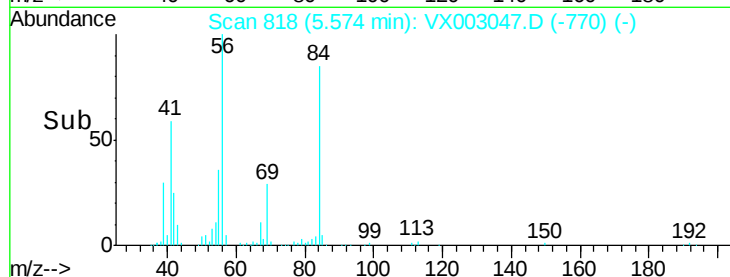
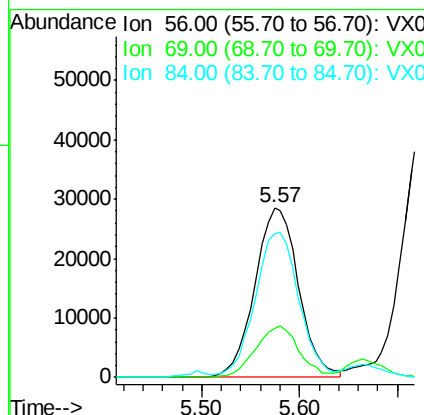
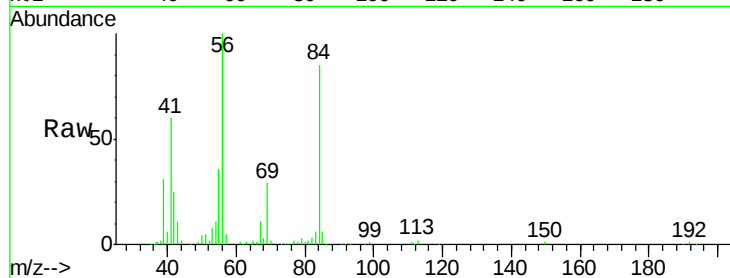
ClientSampleId :

VX0629WBS02

Tot Ion:	56	Resp:	88757
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.7	35.5
84	82.8	64.1	96.1

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 20.35 ug/l

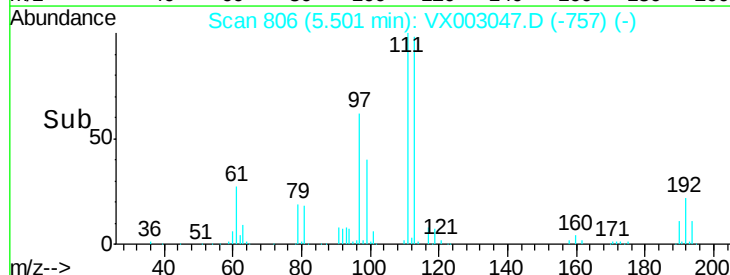
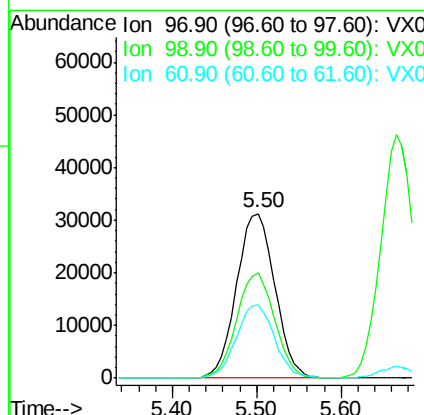
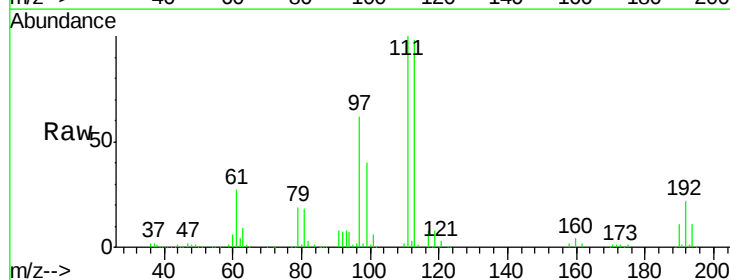
RT: 5.50 min Scan# 806

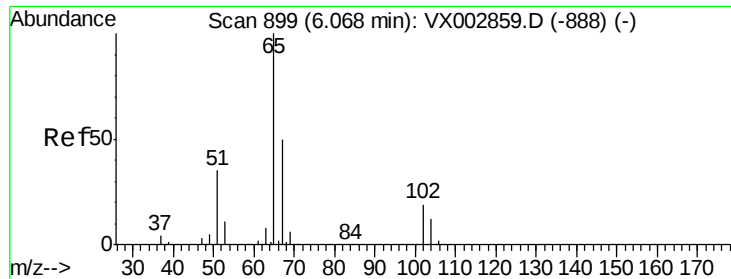
Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	97	Resp:	96135
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	44.4	36.4	54.6





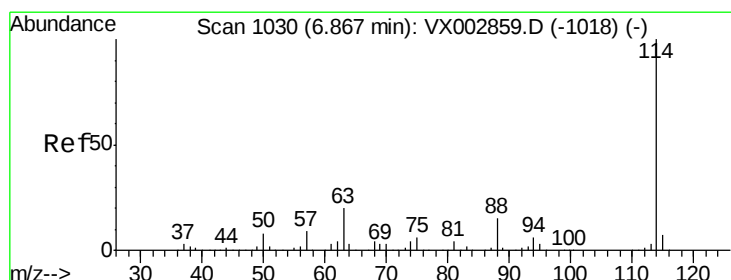
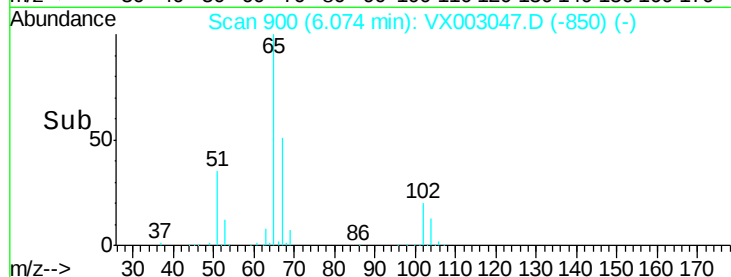
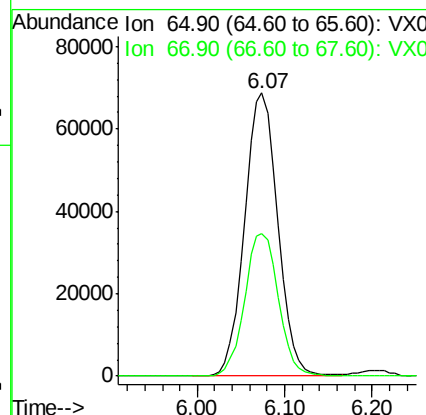
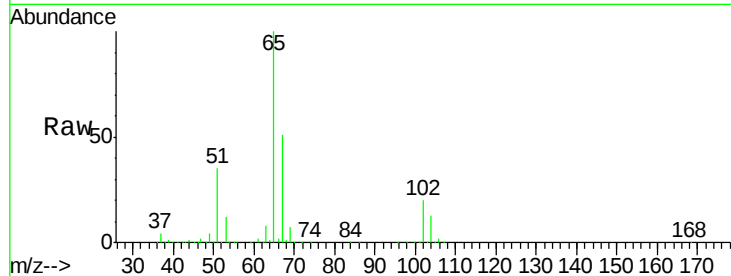
#33
 1,2-Dichloroethane-d4
 Concen: 50.59 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181091		
67	51.4	0.0	102.6	

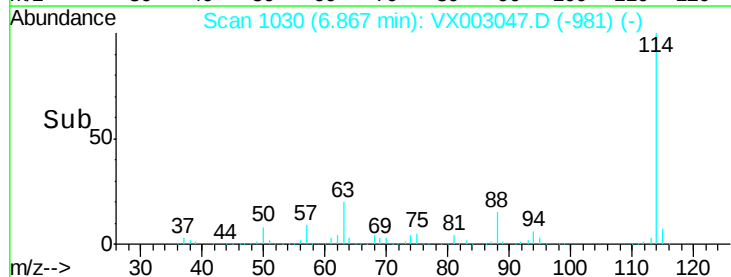
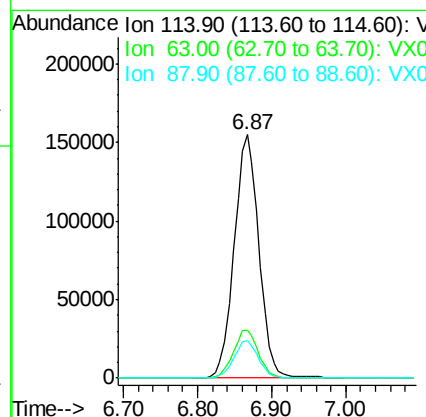
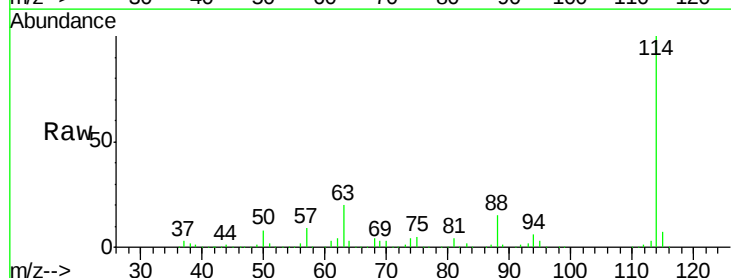
Manual Integrations
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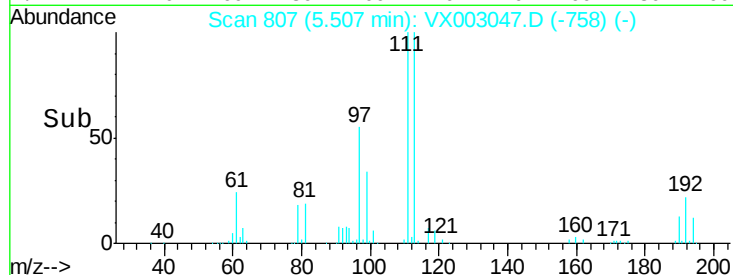
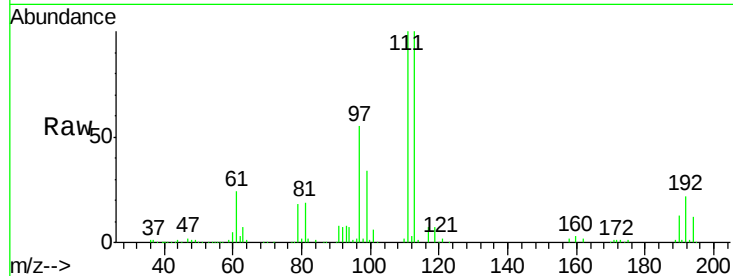
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359515		
63	19.7	0.0	41.4	
88	15.5	0.0	30.0	





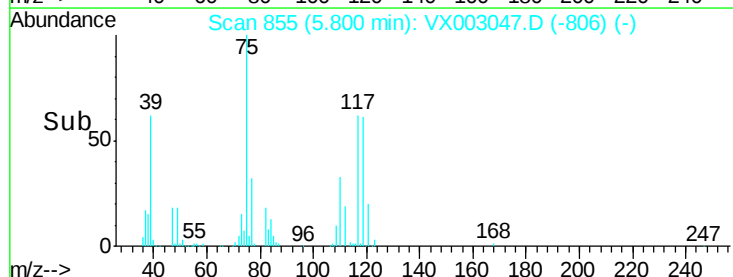
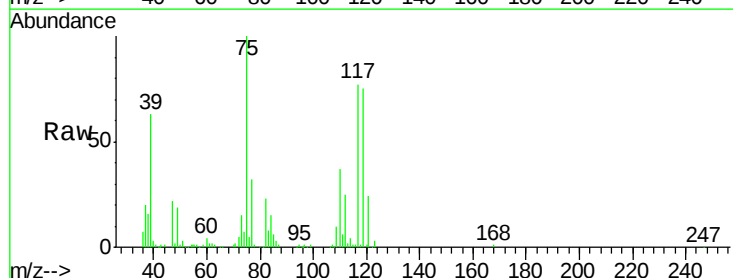
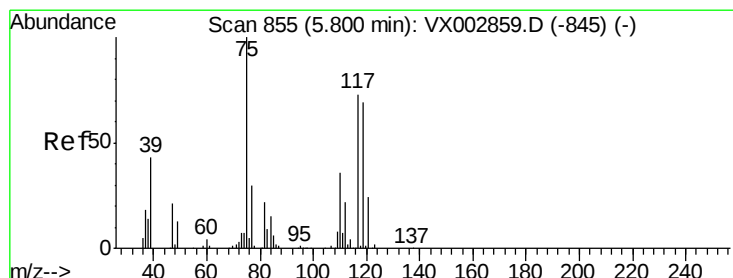
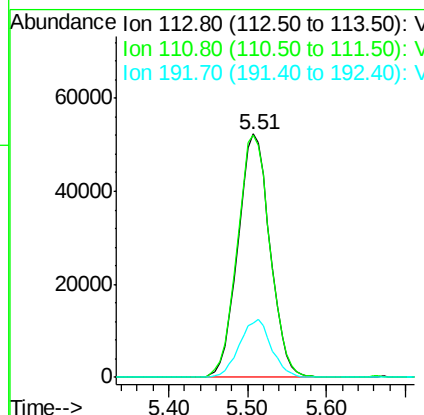
#35
Dibromofluoromethane
Concen: 52.06 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tot Ion	Ratio	Resp	Lower	Upper
113	100	148216		
111	101.2	81.4	122.0	
192	23.7	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

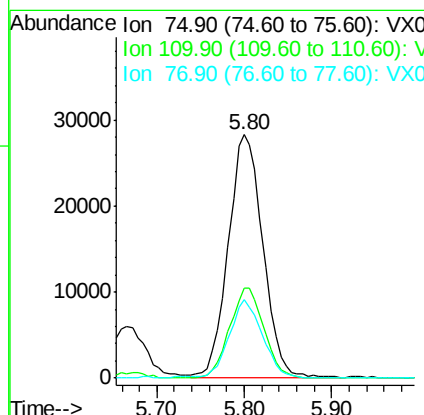
Manual Integrations
APPROVED

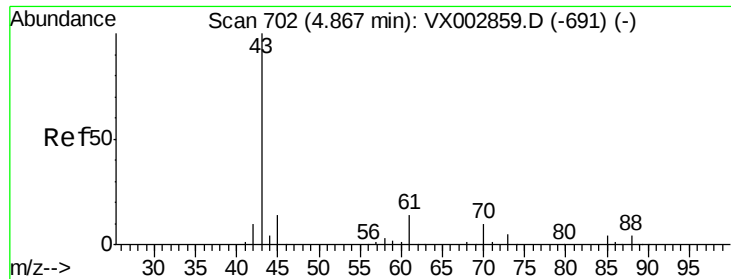
apatel
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#36
1,1-Dichloropropene
Concen: 19.55 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77058		
110	37.0	18.1	54.4	
77	31.3	24.3	36.5	





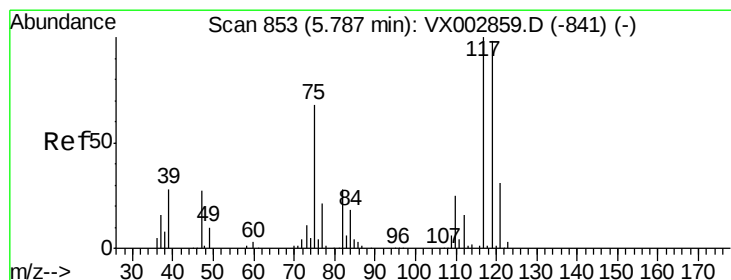
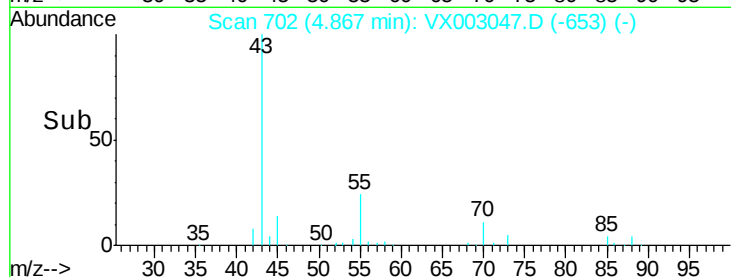
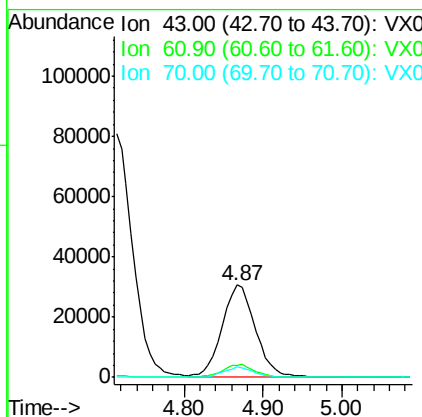
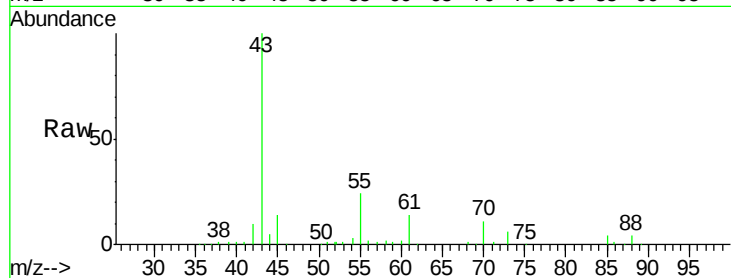
#37
Ethyl Acetate
Concen: 21.04 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.5	7.6	11.4

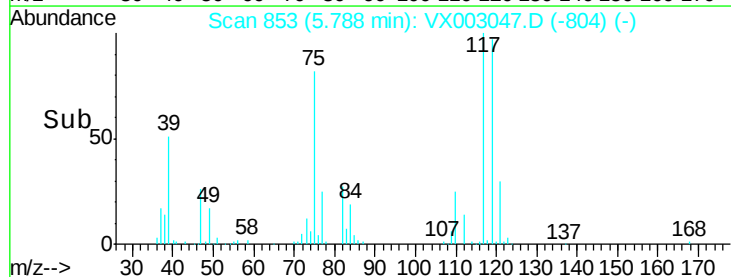
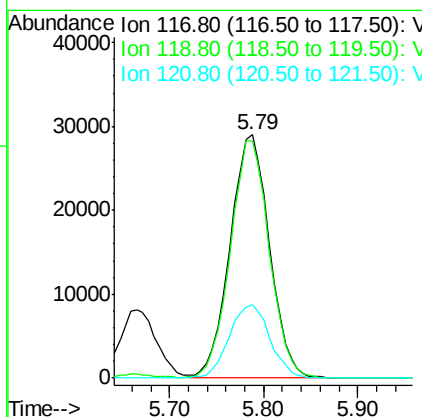
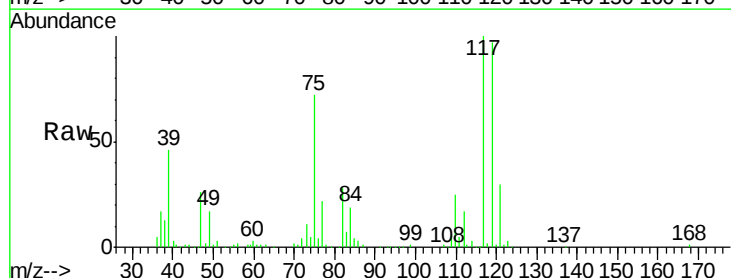
Manual Integrations
APPROVED

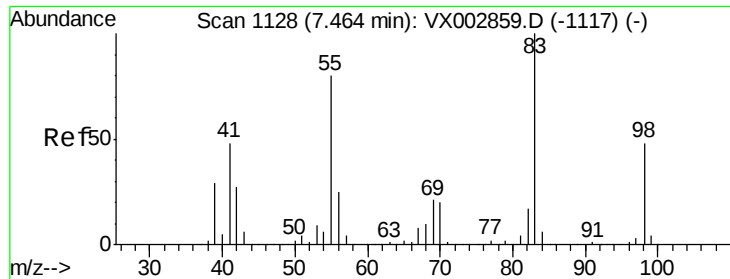
apatel
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#38
Carbon Tetrachloride
Concen: 19.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
121	30.0	24.4	36.6





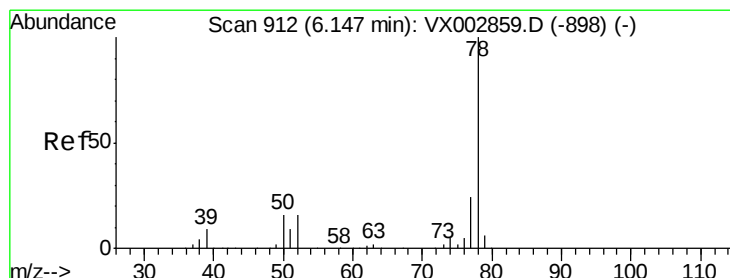
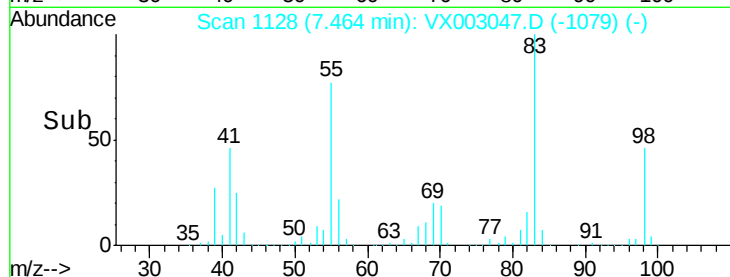
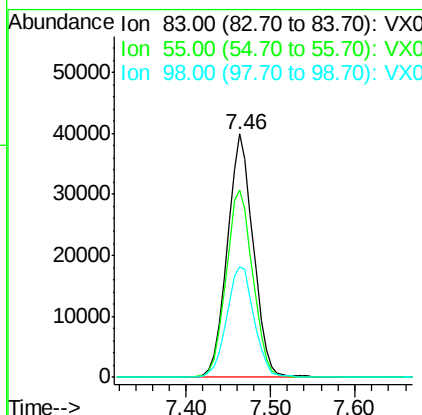
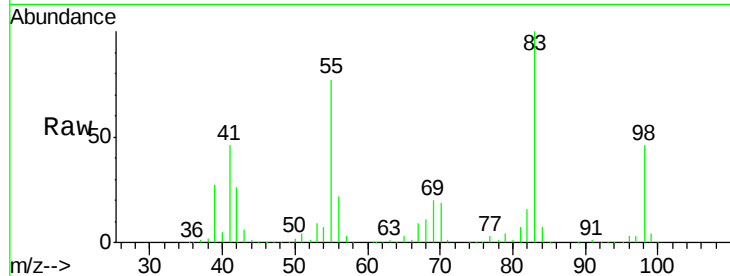
#39
Methvlcvclohexane
Concen: 18.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.4	98.0
98	45.5	37.4	56.0

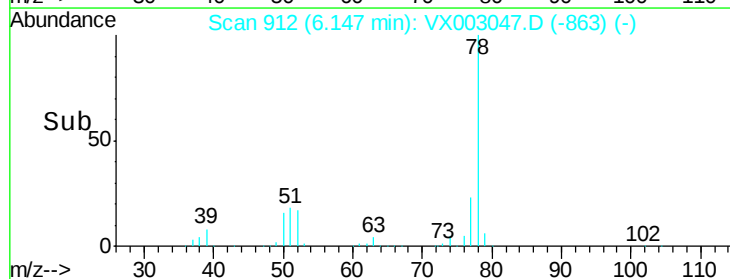
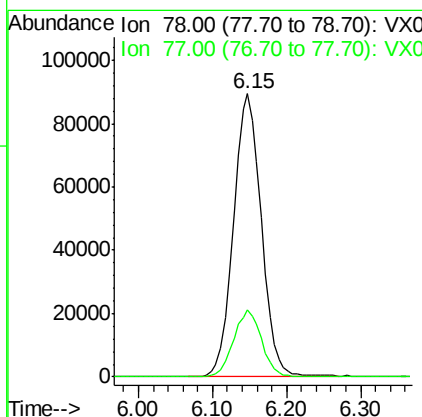
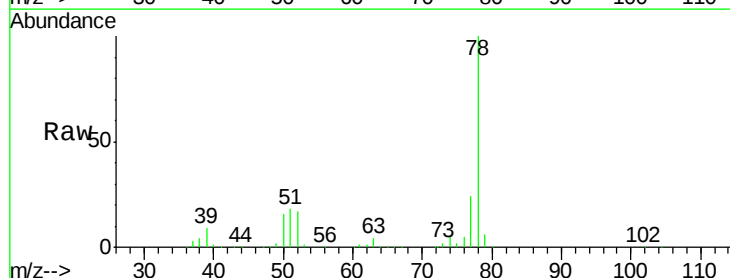
Manual Integrations
APPROVED

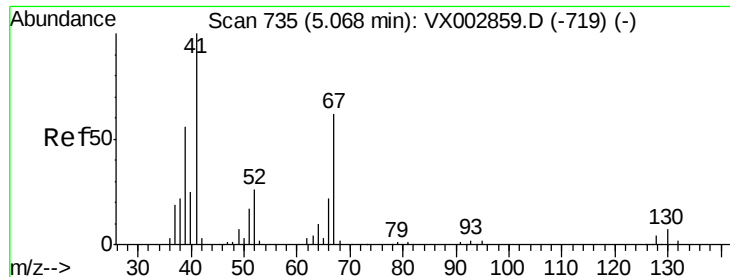
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#40
Benzene
Concen: 20.43 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





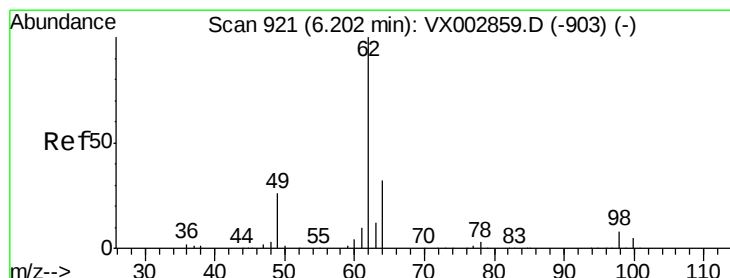
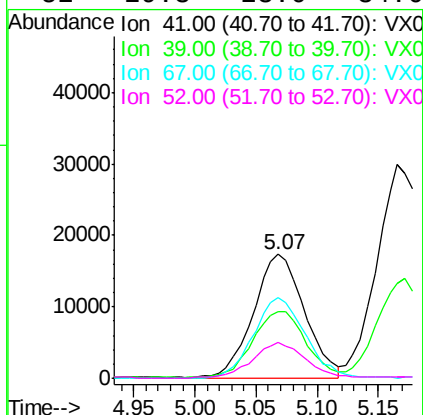
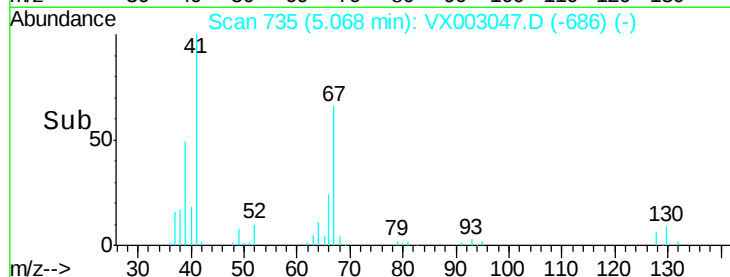
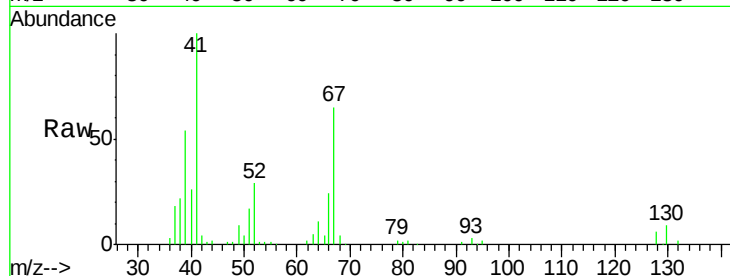
#41
Methacrylonitrile
Concen: 20.50 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	45.8	68.6	
67	66.7	51.3	76.9	
52	29.3	23.0	34.6	

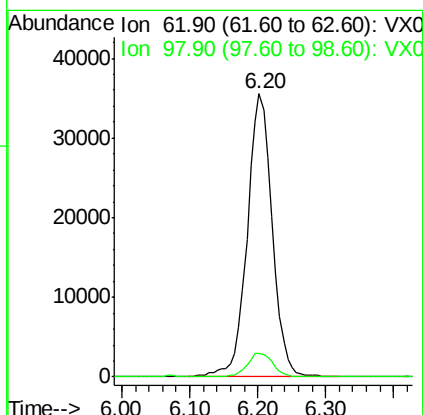
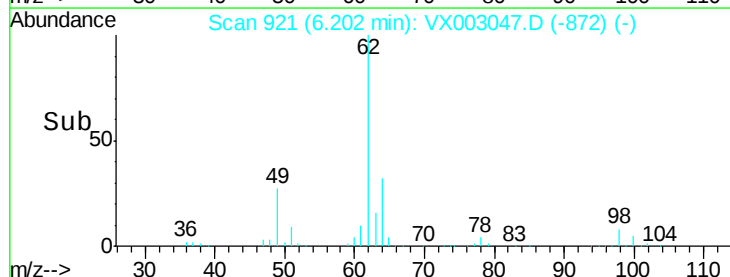
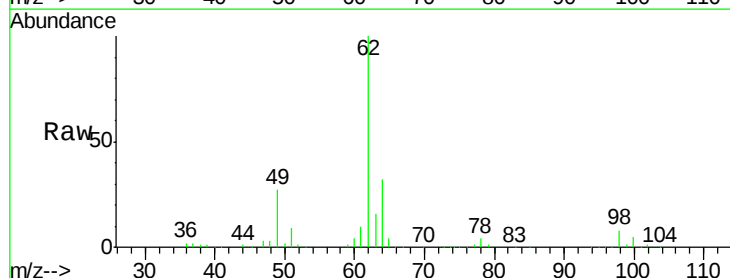
Manual Integrations
APPROVED

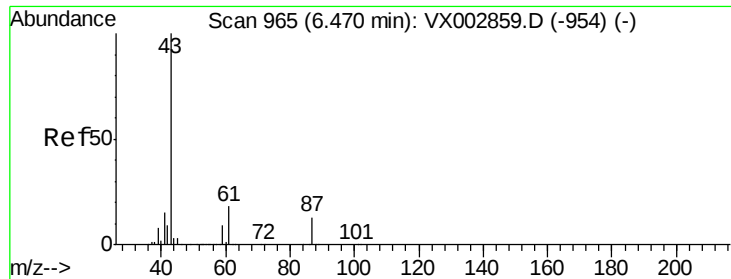
apatel
7/2/2018 4:15:37 PM



#42
1,2-Dichloroethane
Concen: 19.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.6	





#43

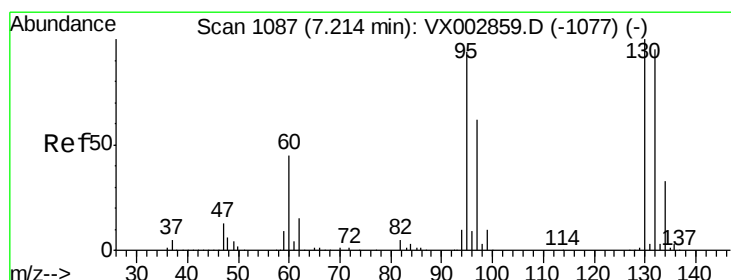
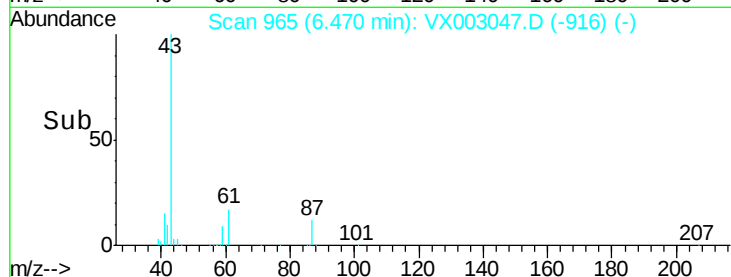
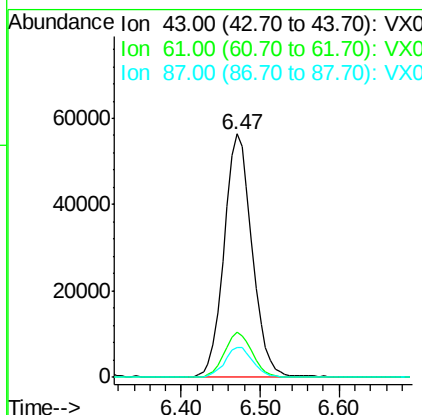
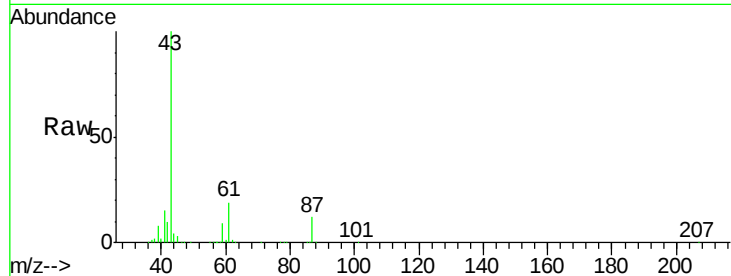
Isopropyl Acetate
 Concen: 19.46 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.4	21.6
87	12.5	9.5	14.3

Manual Integrations
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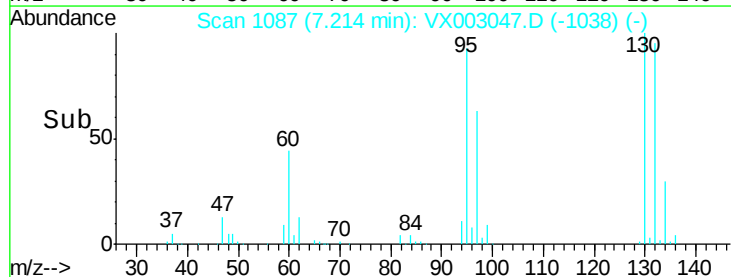
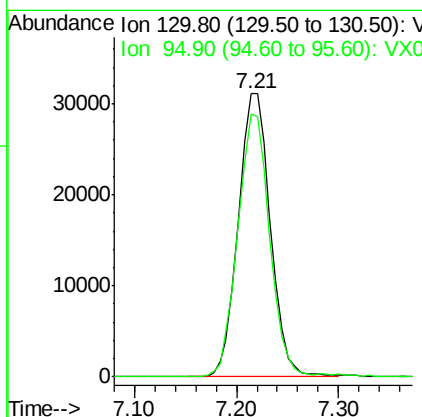
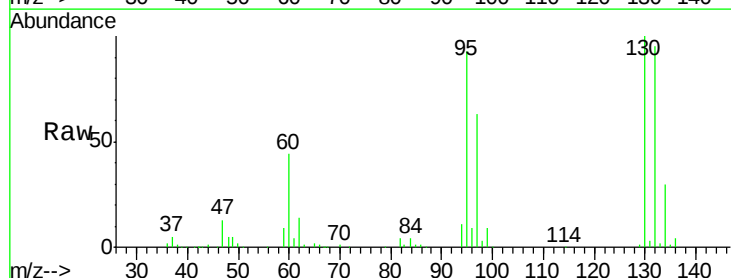
apatel
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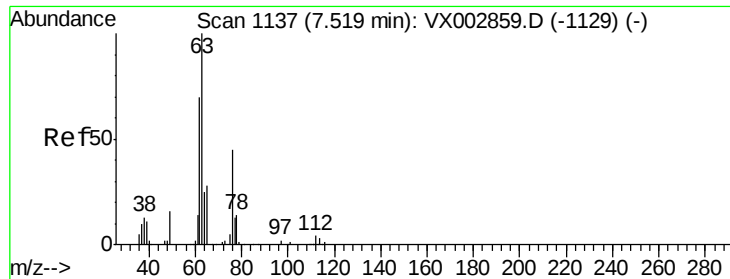


#44

Trichloroethene
 Concen: 19.92 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.92 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion: 63 Resp: 60529

Ion Ratio Lower Upper

63 100

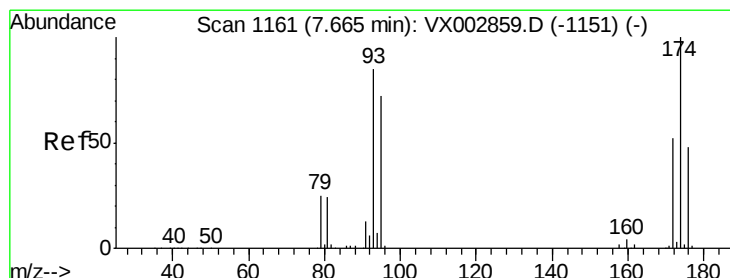
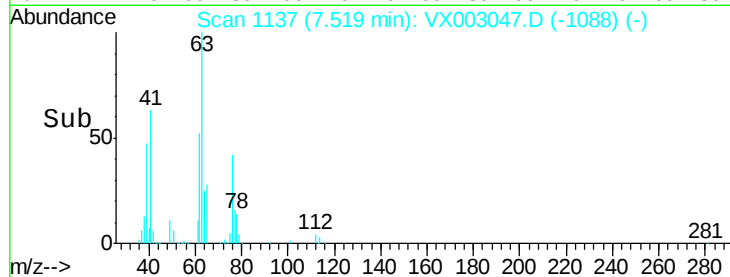
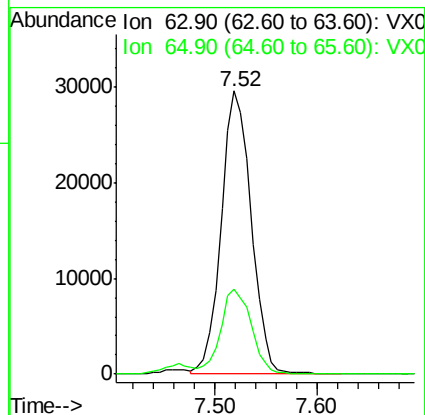
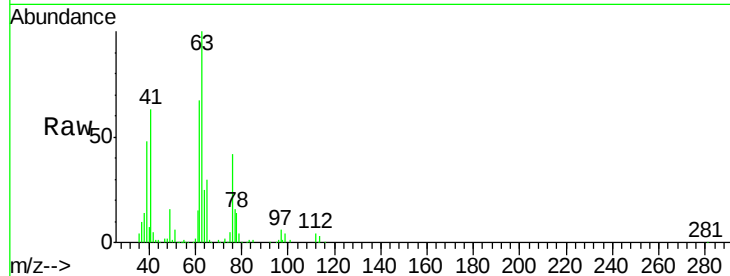
65 29.9 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 19.99 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

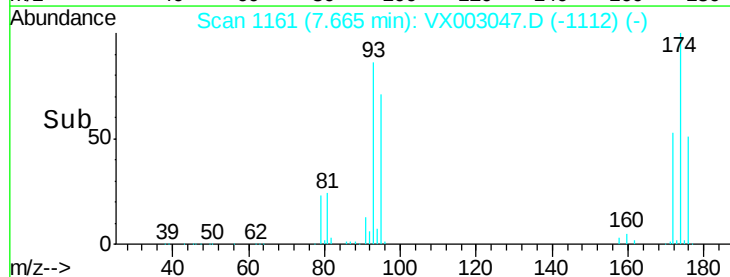
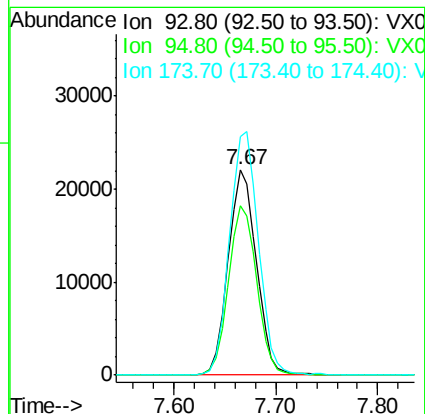
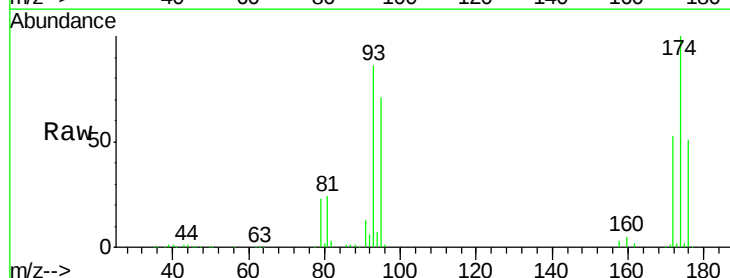
Tgt Ion: 93 Resp: 42149

Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 121.5 92.4 138.6





#47

Bromodichloromethane

Concen: 19.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

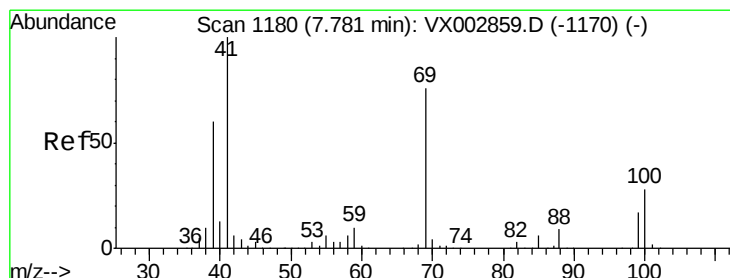
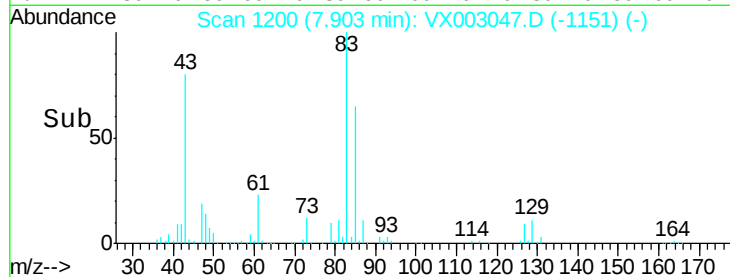
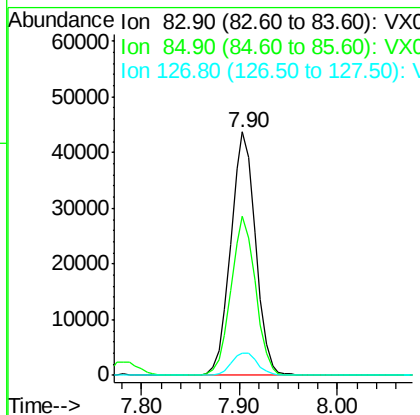
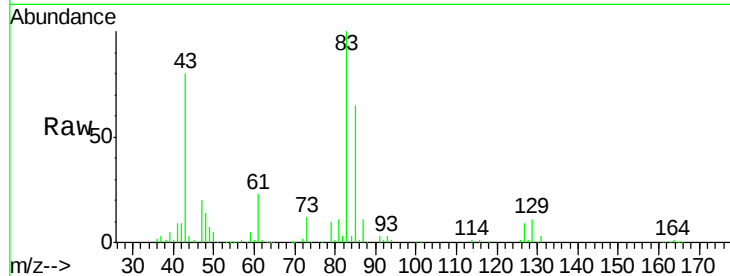
ClientSampled :

VX0629WBS02

Tot Ion:	83	Resp:	76890
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.55 ug/l

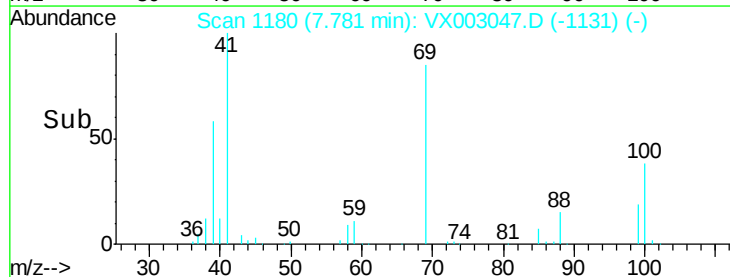
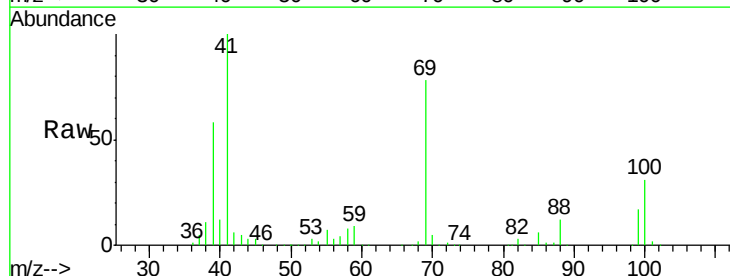
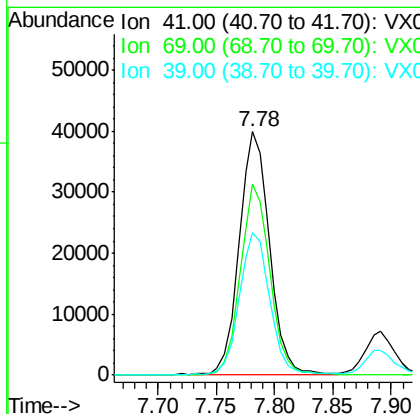
RT: 7.78 min Scan# 1180

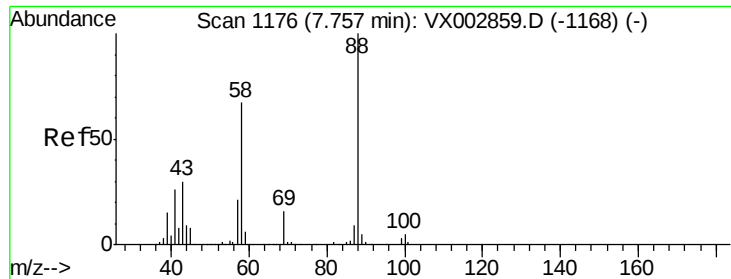
Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	41	Resp:	71699
Ion	Ratio	Lower	Upper
41	100		
69	77.7	59.1	88.7
39	58.9	48.9	73.3





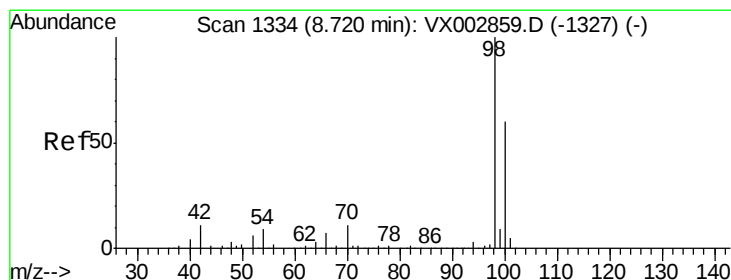
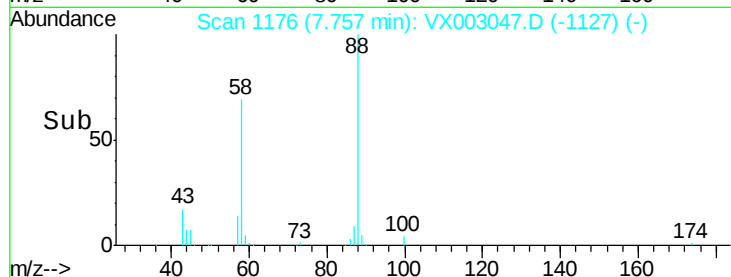
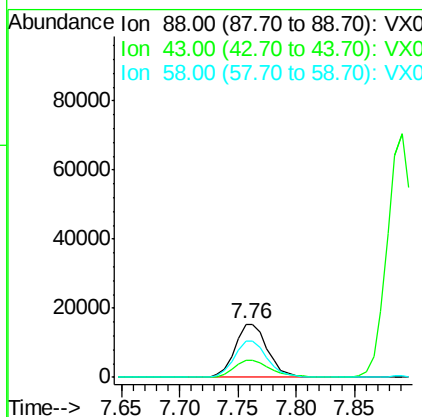
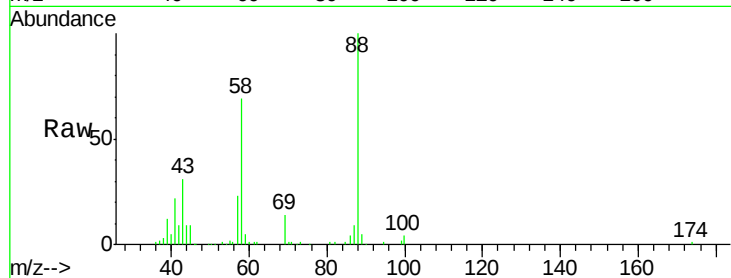
#49
1,4-Dioxane
Concen: 419.50 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	29.8	44.6
58	70.4	57.1	85.7

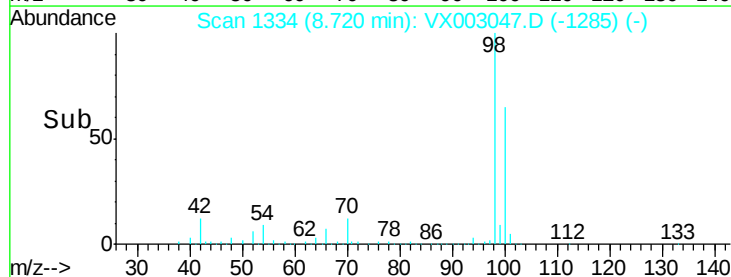
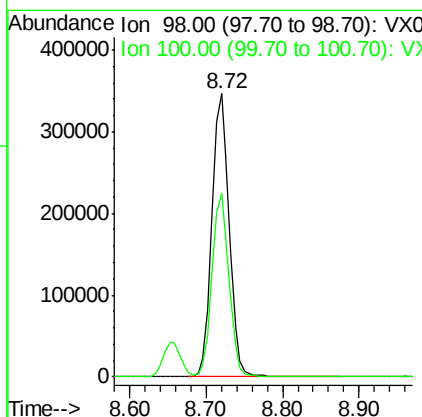
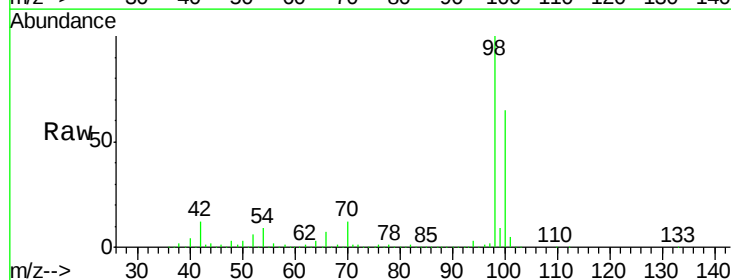
Manual Integrations
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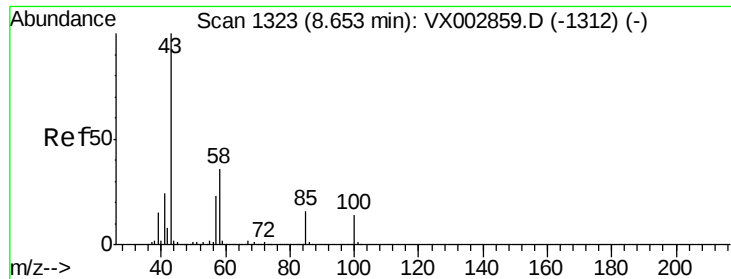
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#50
Toluene-d8
Concen: 52.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 105.75 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampleId :

VX0629WBS02

Tot Ion: 43 Resp: 471040

Ion Ratio Lower Upper

43 100

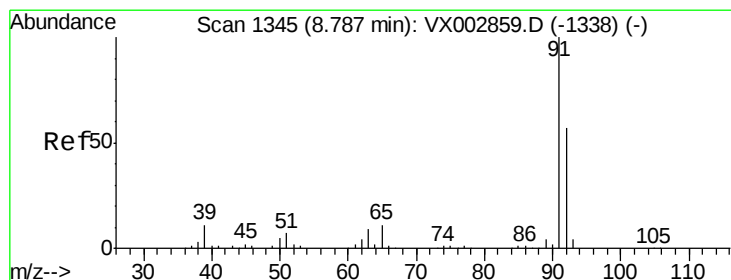
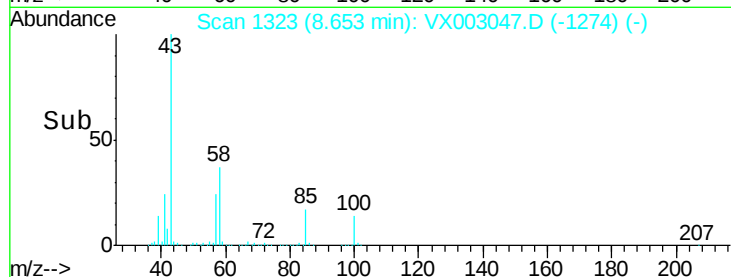
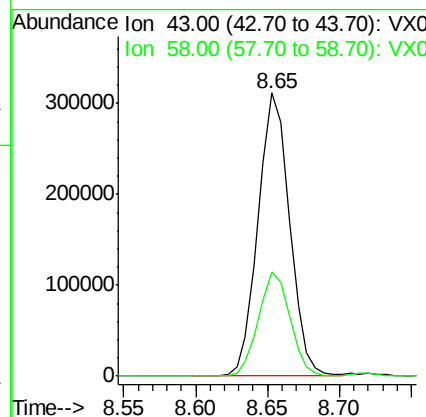
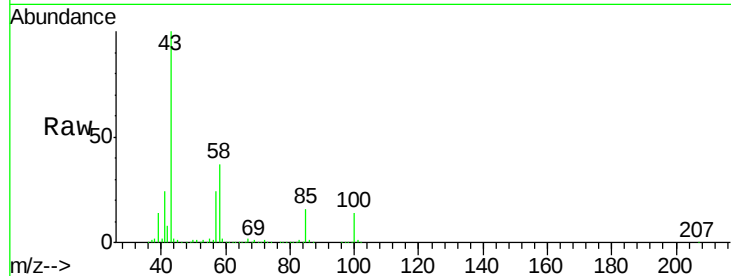
58 36.9 28.6 42.8

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#52

Toluene

Concen: 21.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003047.D

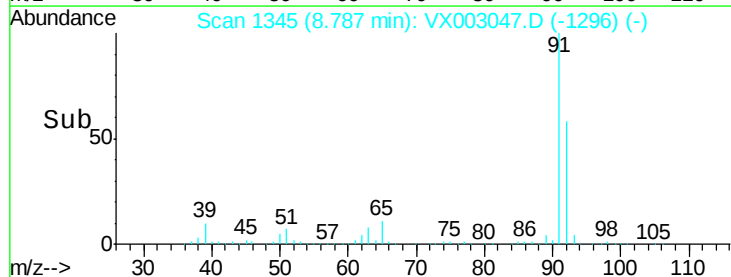
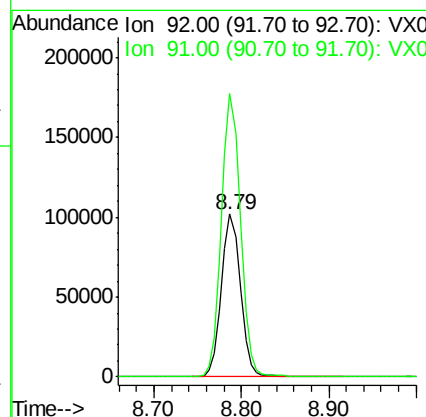
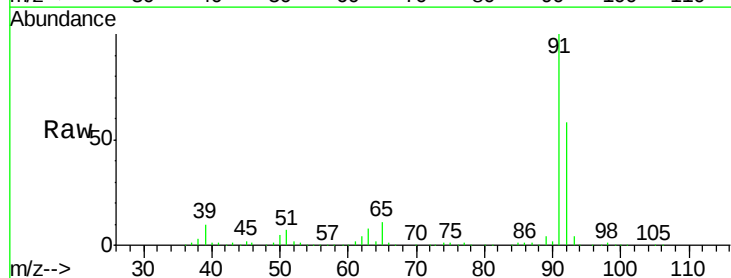
Acq: 29 Jun 2018 23:50

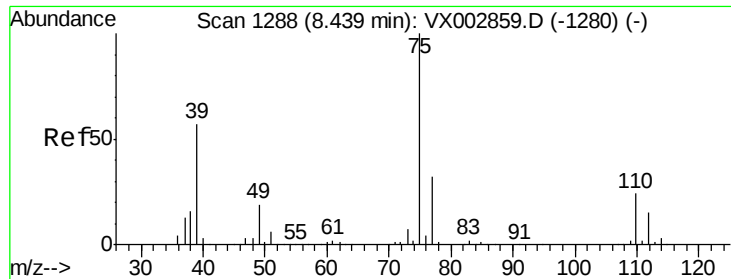
Tgt Ion: 92 Resp: 154790

Ion Ratio Lower Upper

92 100

91 173.8 140.4 210.6





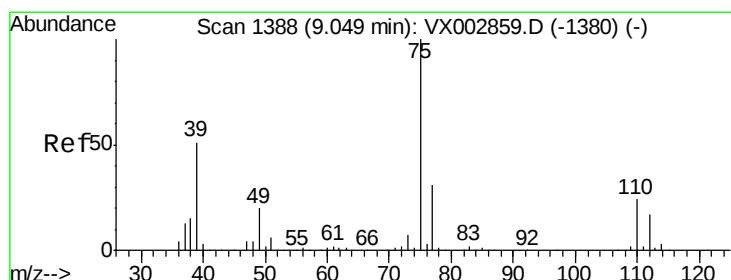
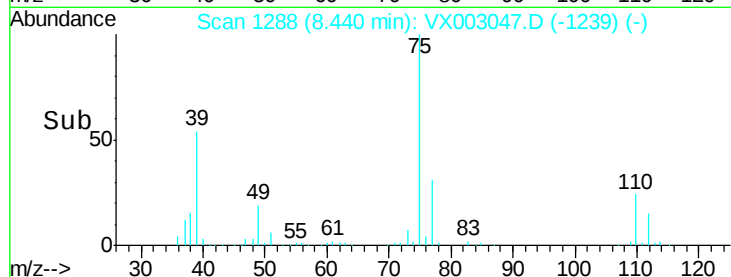
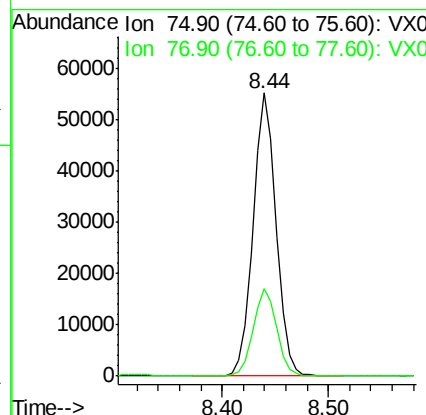
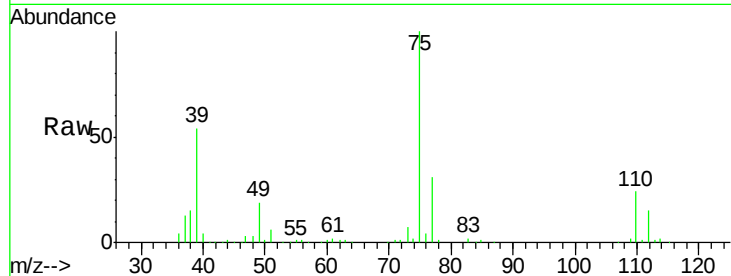
#53
t-1,3-Dichloropropene
Concen: 19.03 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion: 75 Resp: 84042
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

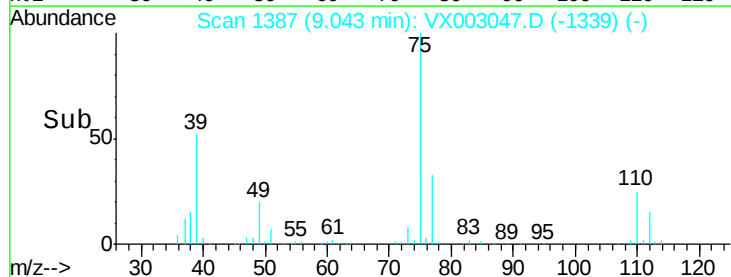
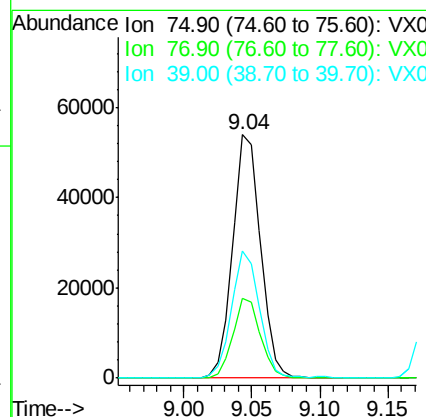
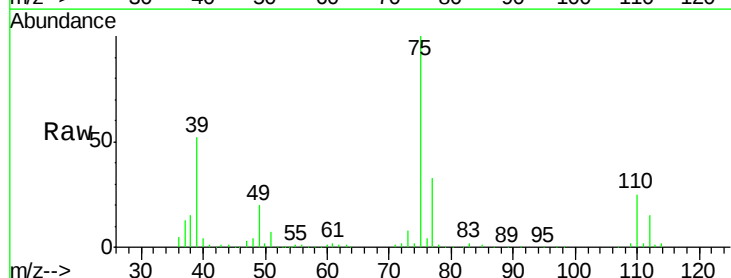
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#54
cis-1,3-Dichloropropene
Concen: 18.19 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 75 Resp: 77293
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 51.8 42.4 63.6





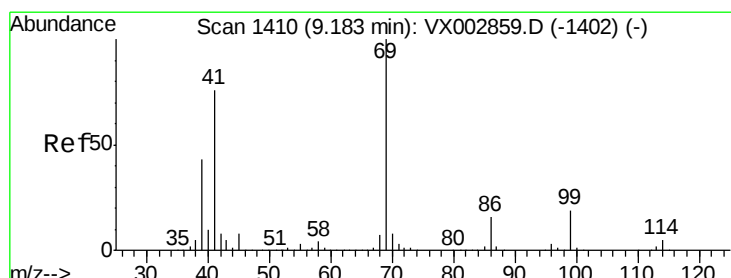
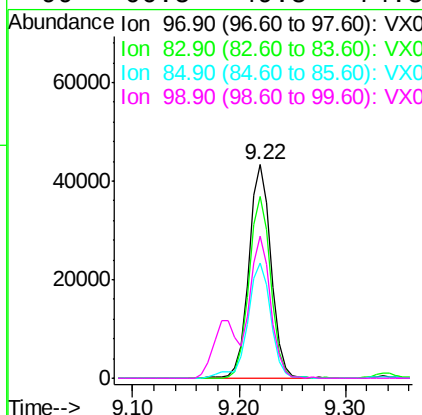
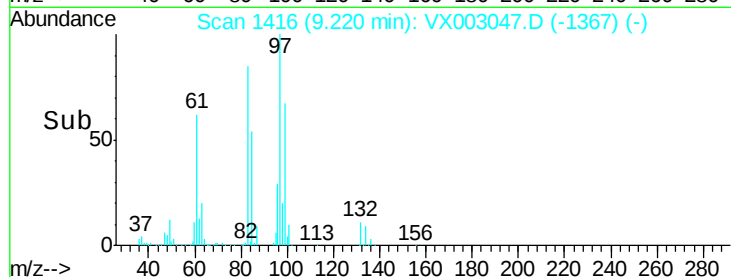
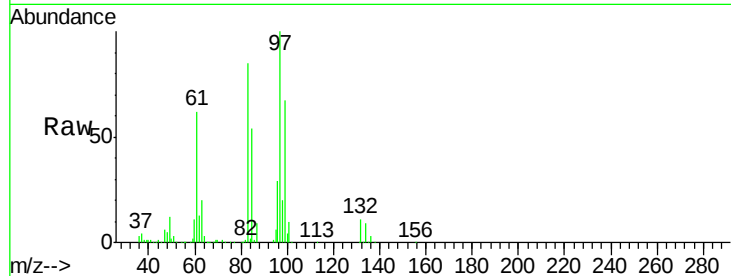
#55
 1,1,2-Trichloroethane
 Concen: 21.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Tot Ion	97	Resp	63608
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	54.2	44.9	67.3
99	66.5	49.8	74.8

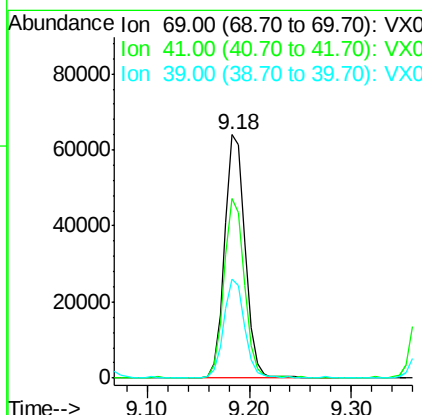
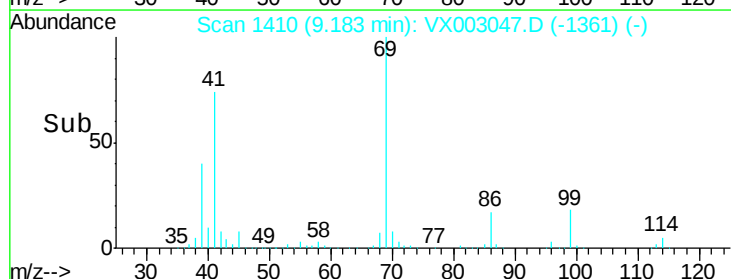
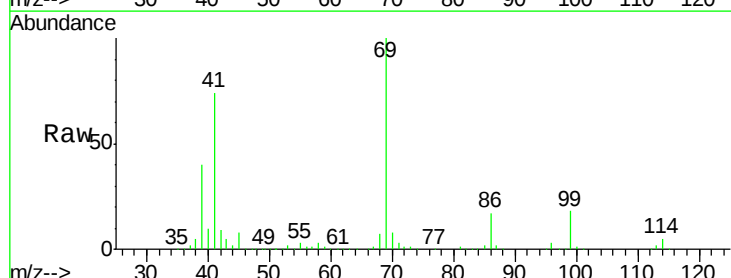
Manual Integrations
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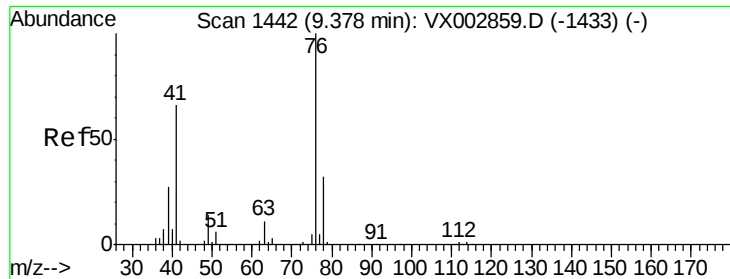
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#56
 Ethyl methacrylate
 Concen: 20.28 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion	69	Resp	89390
Ion	Ratio	Lower	Upper
69	100		
41	73.2	60.3	90.5
39	40.9	35.8	53.8





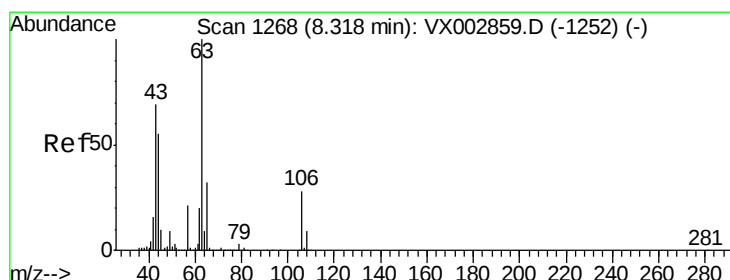
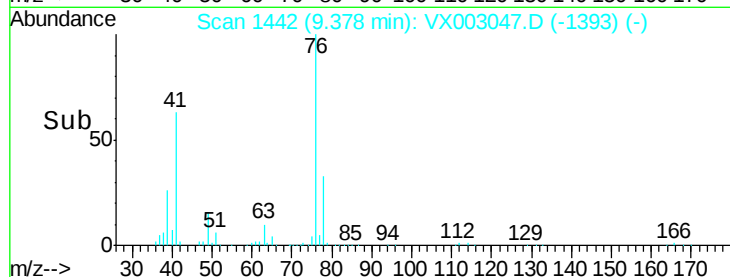
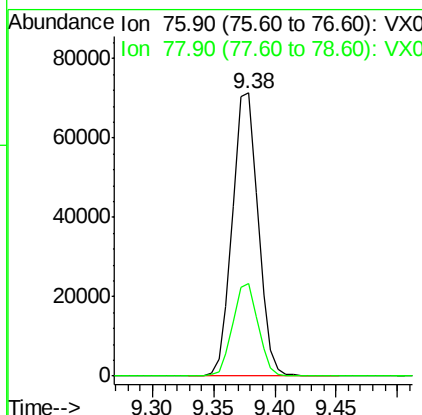
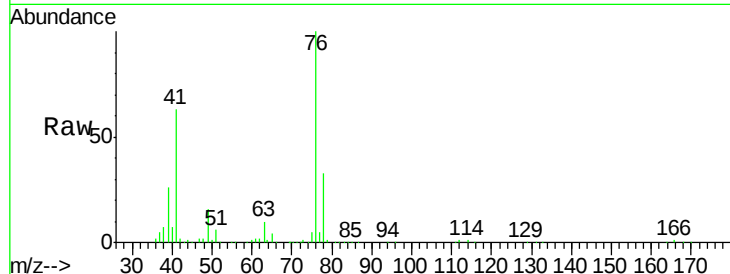
#57
 1,3-Dichloropropane
 Concen: 20.96 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Tot Ion: 76 Resp: 103802
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

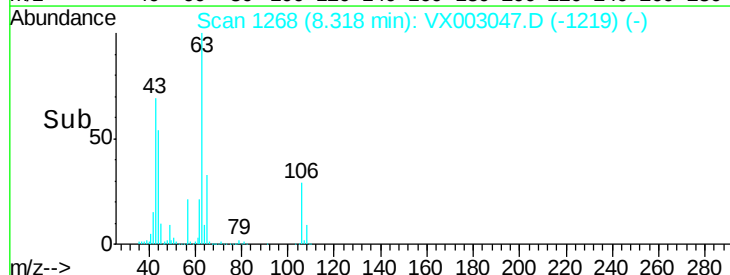
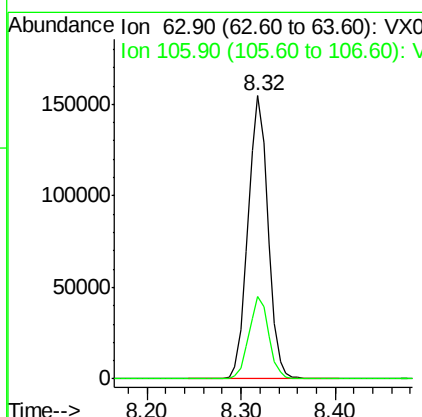
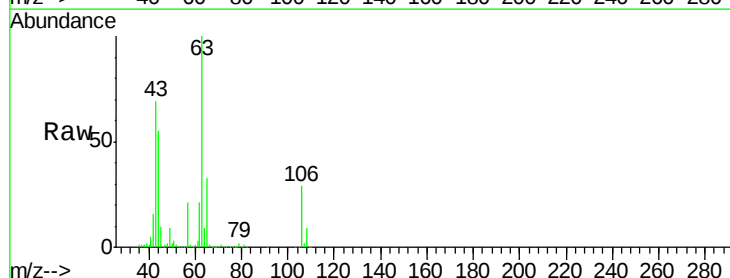
Manual Integrations
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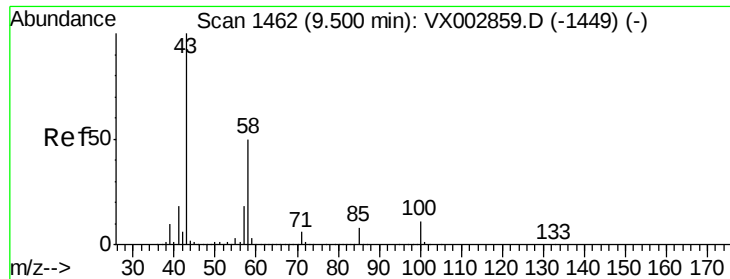
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.16 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion: 63 Resp: 232101
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.8 32.8





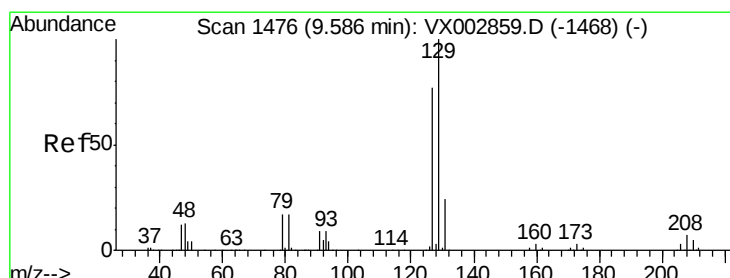
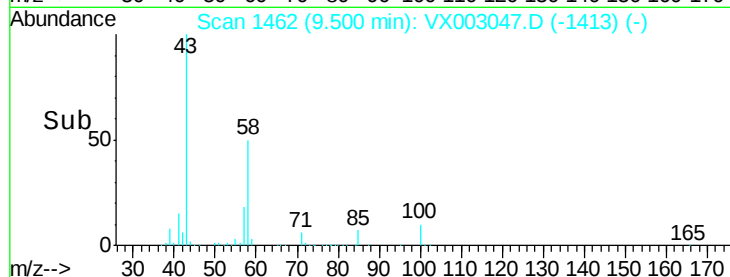
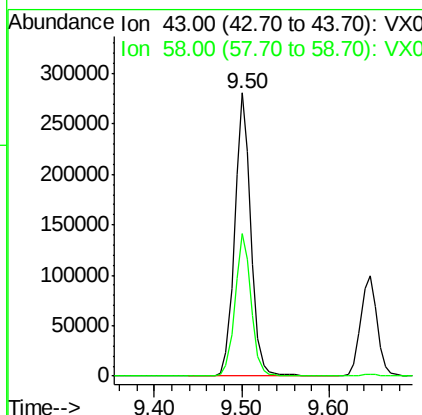
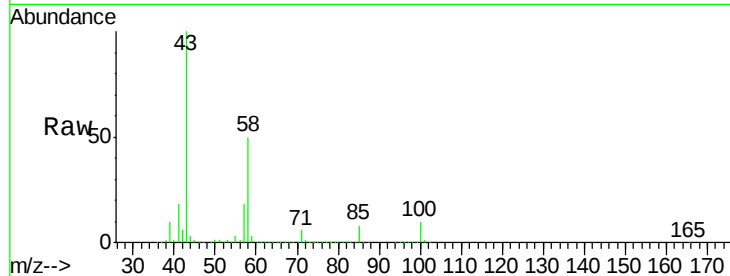
#59
2-Hexanone
Concen: 107.06 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion: 43 Resp: 362420
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6

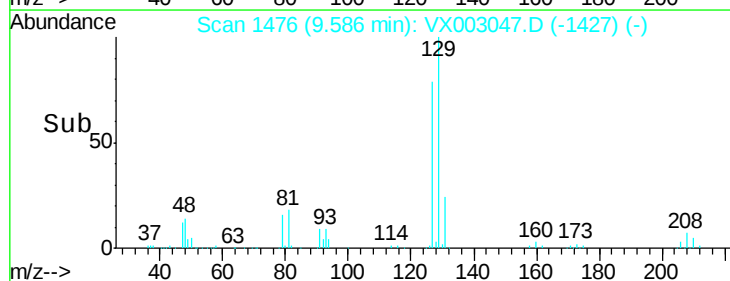
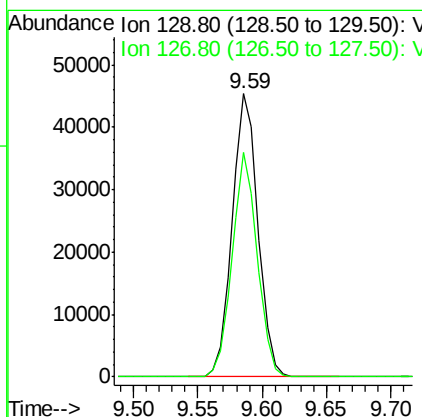
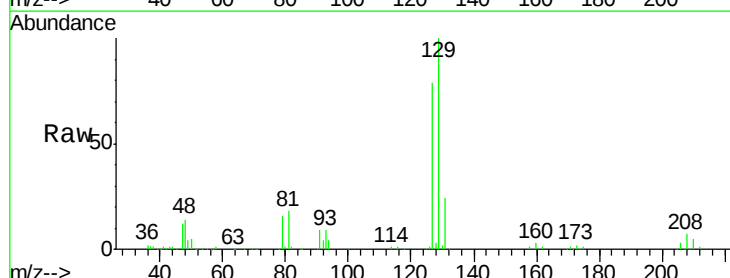
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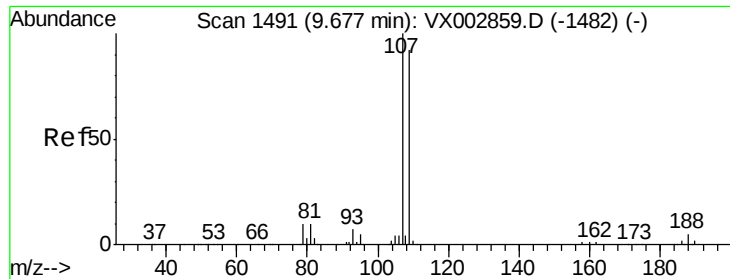
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#60
Dibromochloromethane
Concen: 19.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 129 Resp: 63406
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion:107 Resp: 65536

Ion Ratio Lower Upper

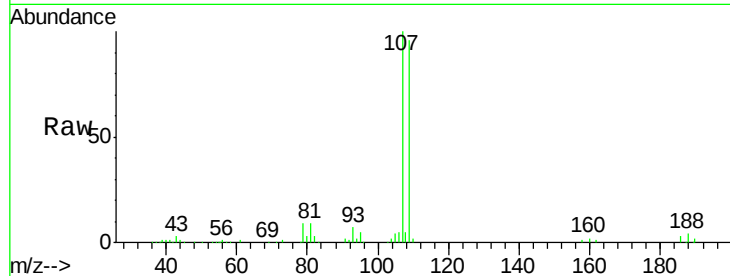
107 100

109 95.1 75.3 112.9

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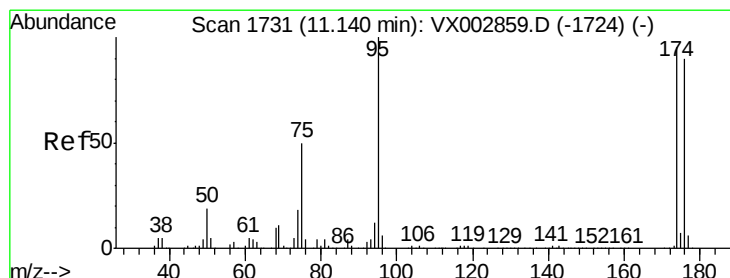
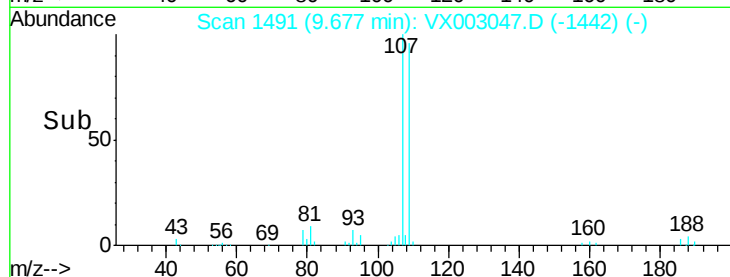
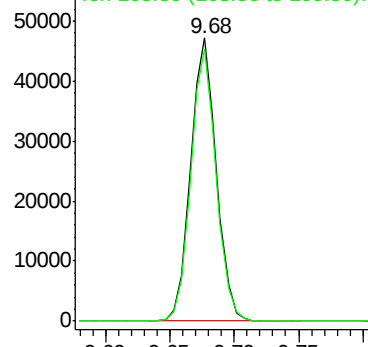
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

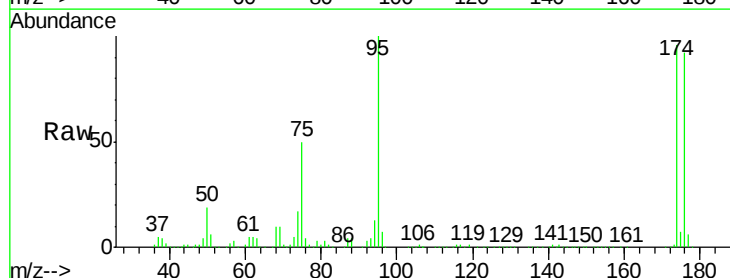
Tgt Ion: 95 Resp: 201775

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

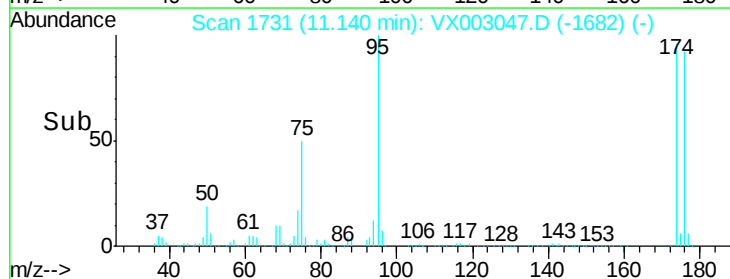
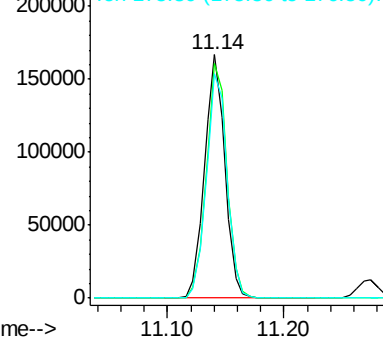
176 94.7 0.0 181.0

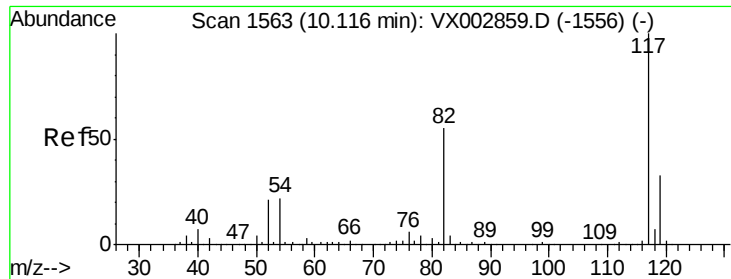


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





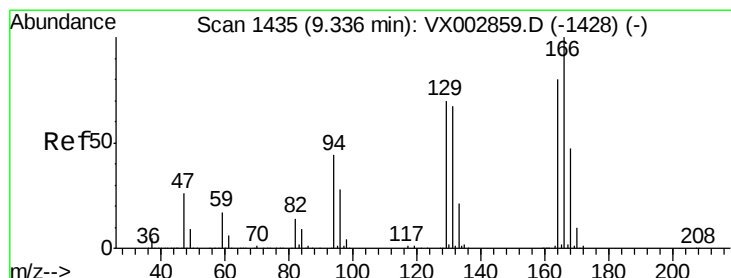
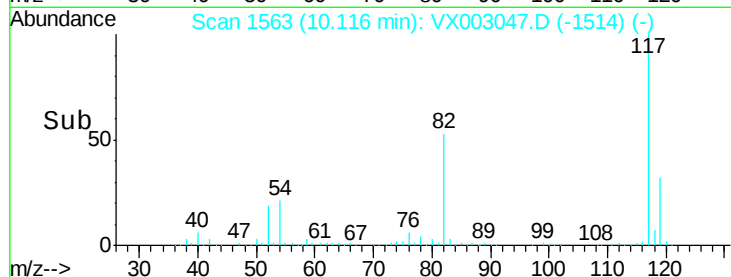
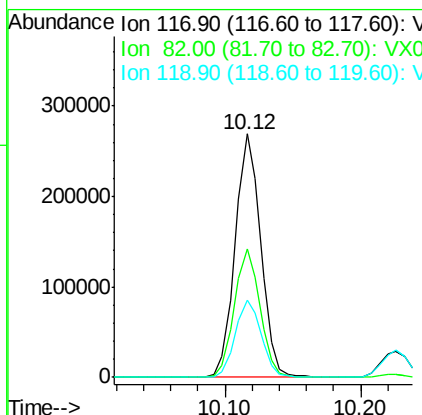
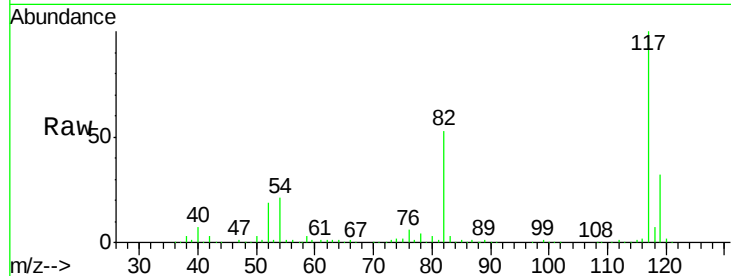
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.0	67.4
119	31.7	25.8	38.6

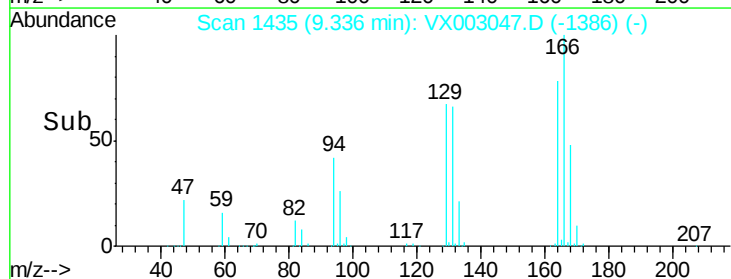
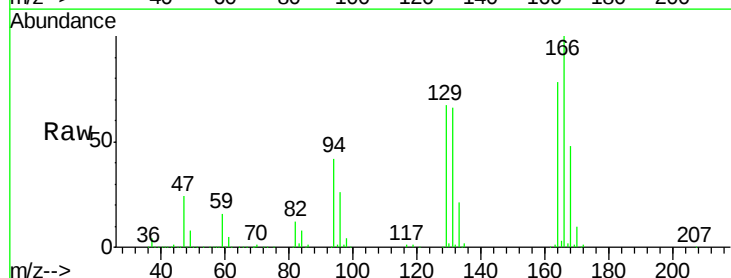
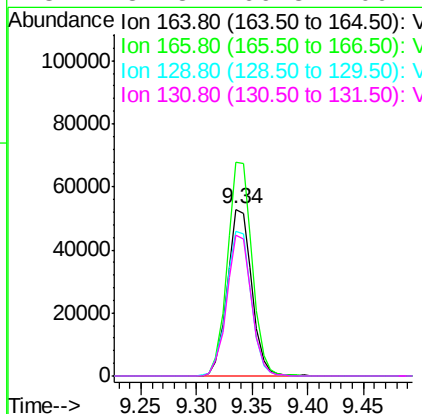
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.9	154.3
129	86.6	68.6	102.8
131	84.8	66.8	100.2





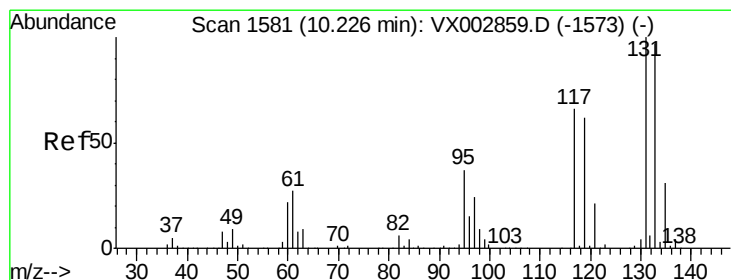
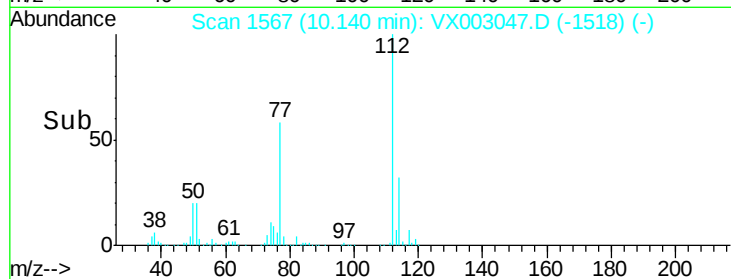
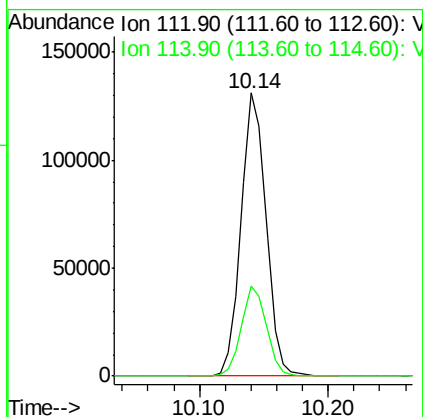
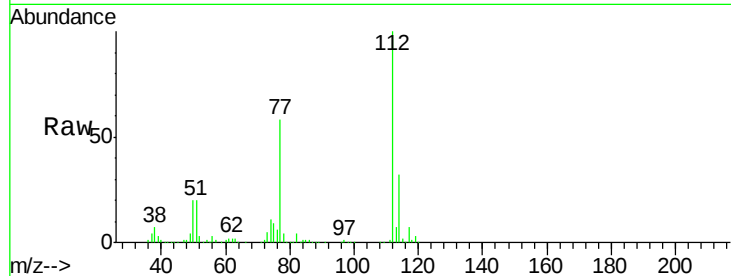
#65
Chlorobenzene
Concen: 19.65 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS02

Tot Ion:112 Resp: 175927
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

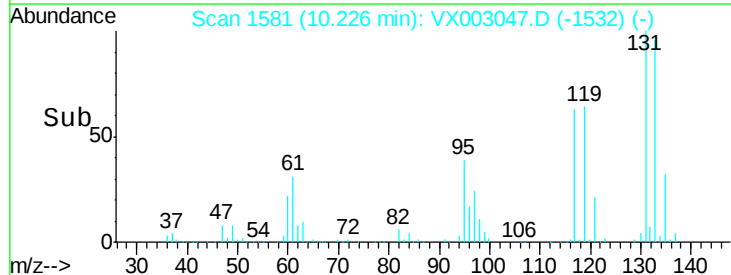
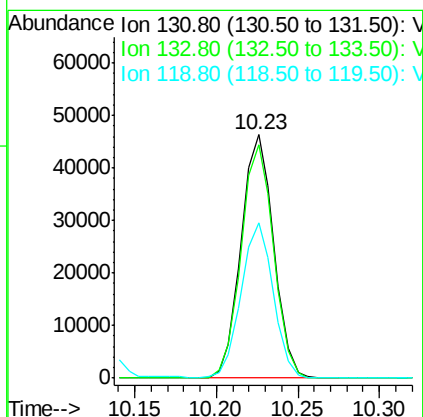
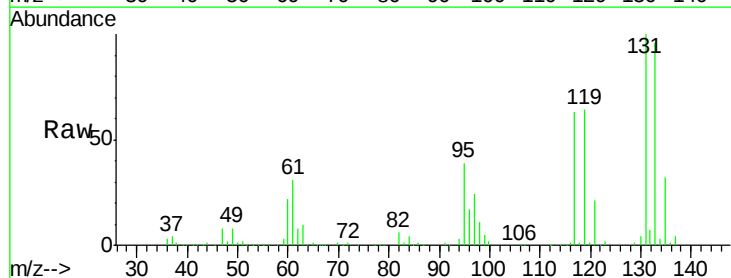
Manual Integrations
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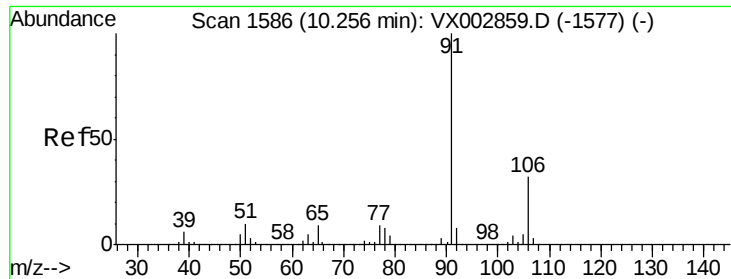
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:131 Resp: 64406
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.1 31.8 95.3





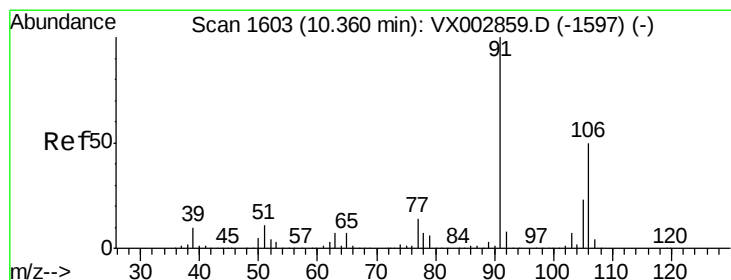
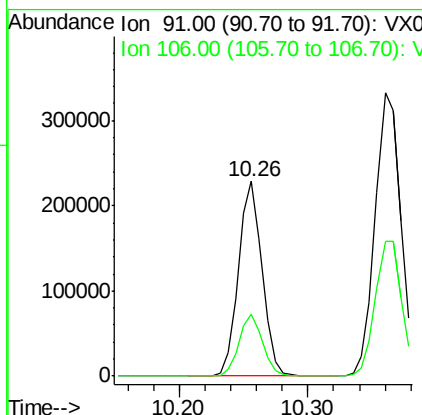
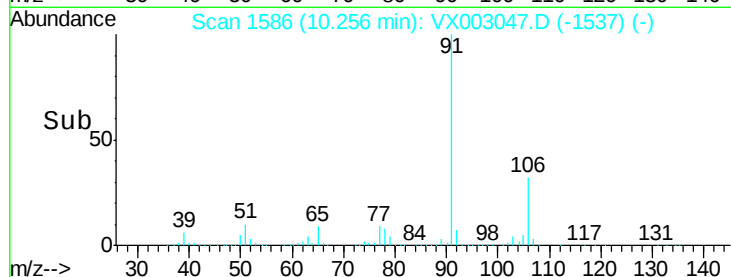
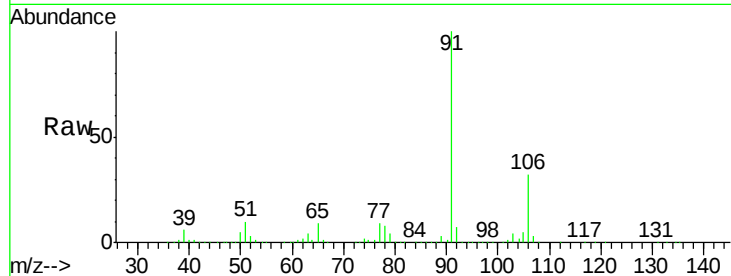
#67
Ethyl Benzene
Concen: 19.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS02

Tot Ion: 91 Resp: 291577
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3

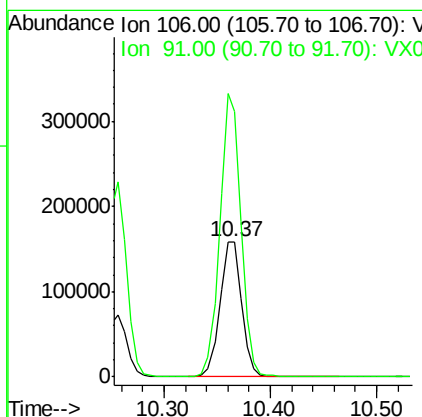
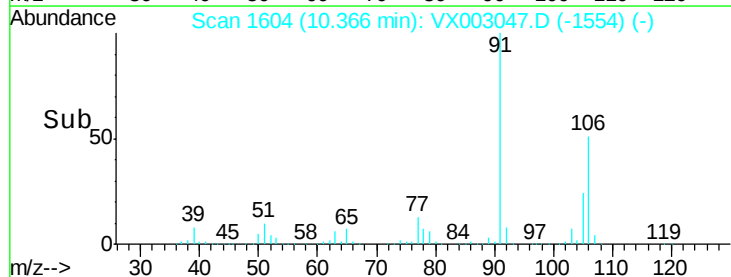
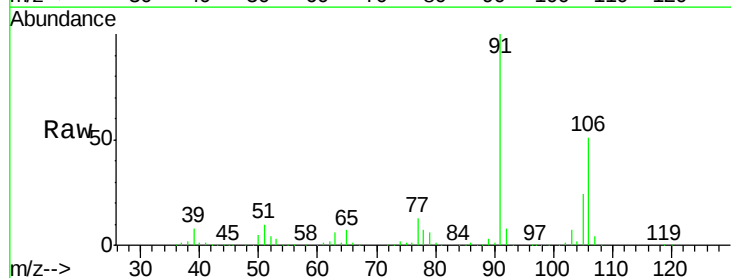
Manual Integrations
APPROVED

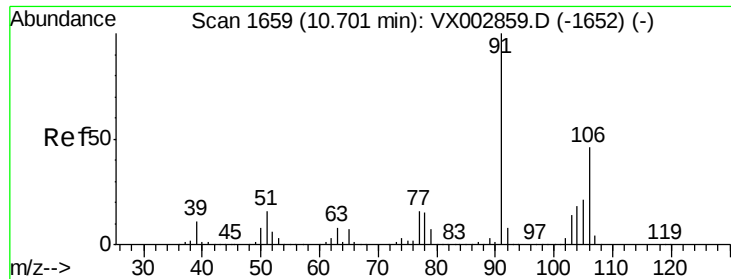
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#68
m/p-Xylenes
Concen: 39.33 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion: 106 Resp: 224143
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2





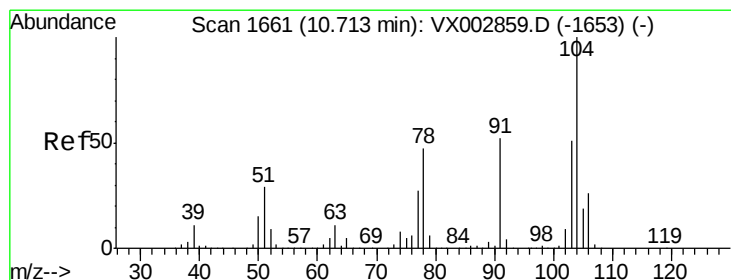
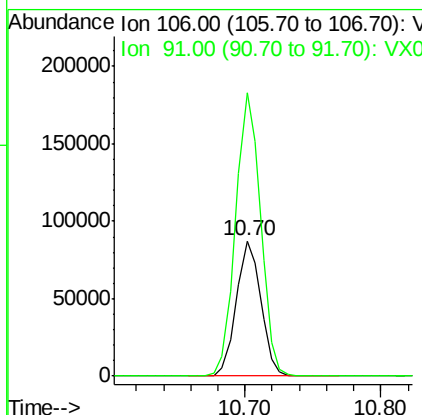
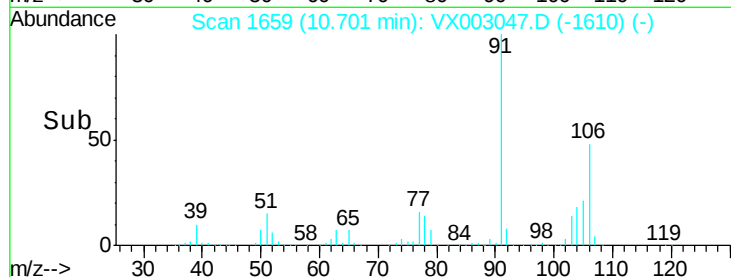
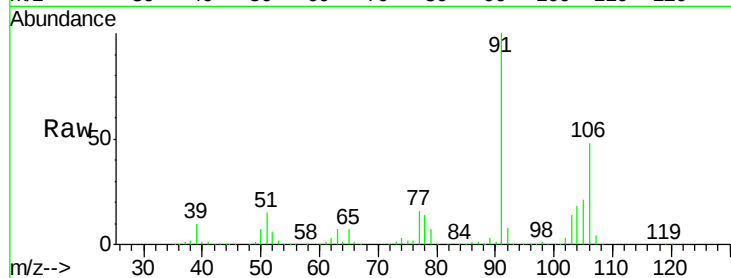
#69
o-Xylene
Concen: 19.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion:106 Resp: 110212
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

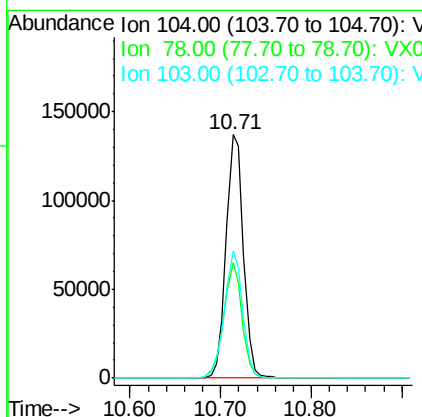
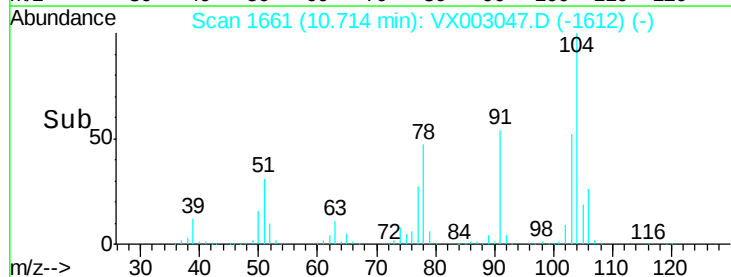
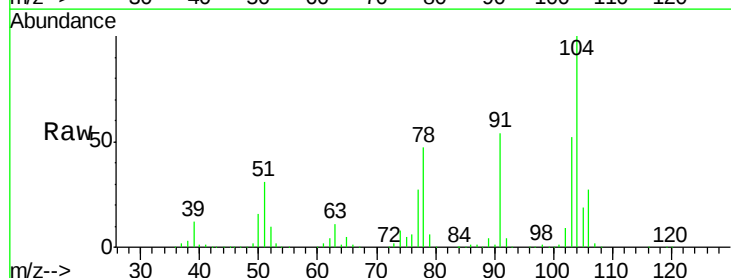
Manual Integrations
APPROVED

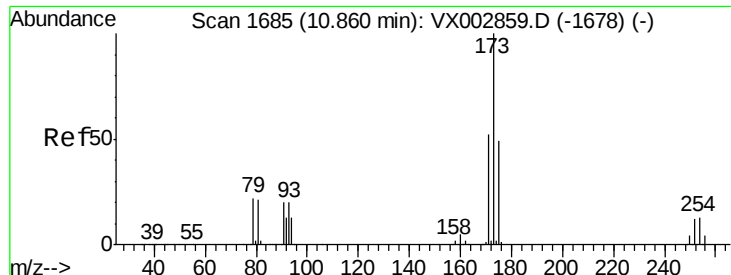
apatel
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#70
Styrene
Concen: 20.24 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion:104 Resp: 182522
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 19.50 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion:173 Resp: 49716

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

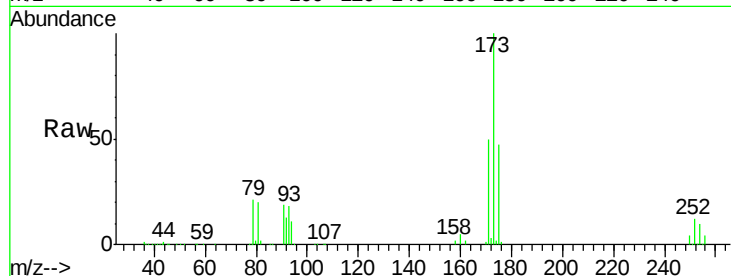
254 0.2 0.2 0.2

Manual Integrations

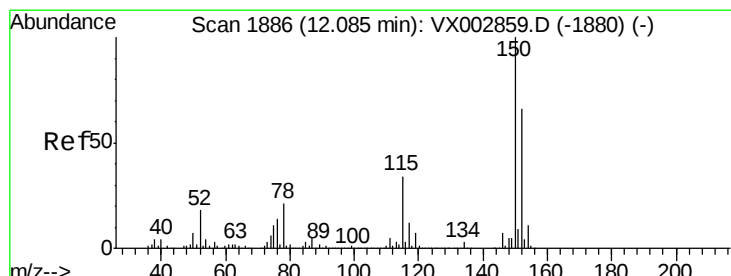
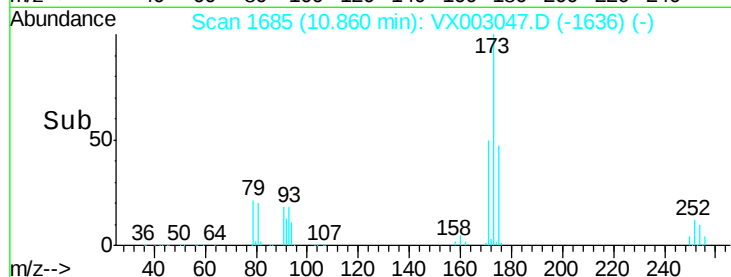
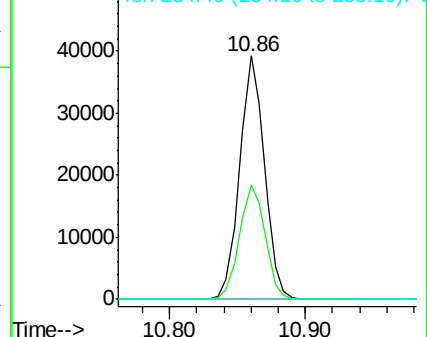
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

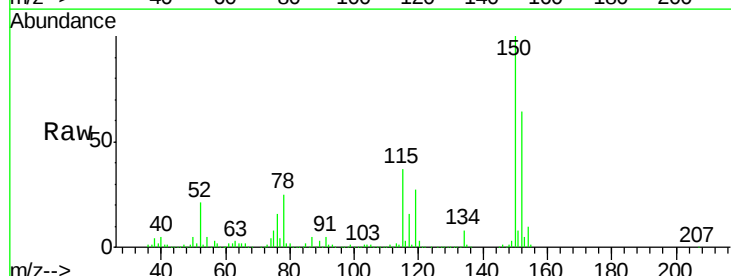
Tgt Ion:152 Resp: 214965

Ion Ratio Lower Upper

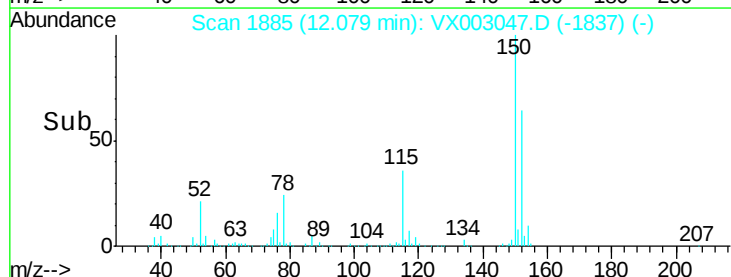
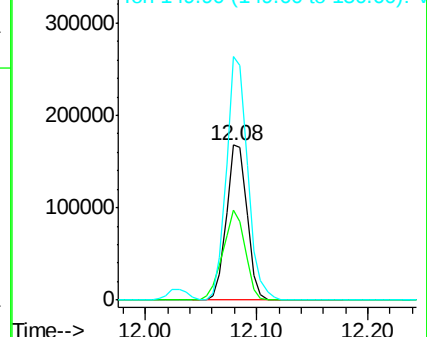
152 100

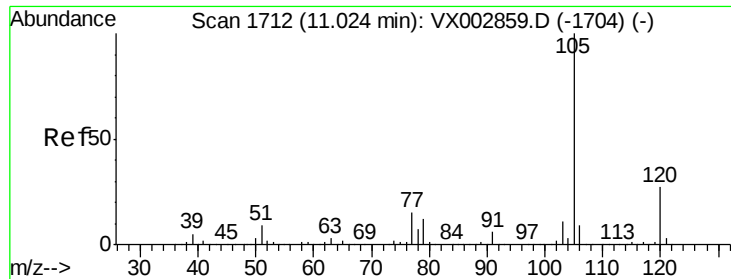
115 63.0 40.1 120.2

150 162.5 0.0 347.2



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: 20.45 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion: 105 Resp: 295794

Ion Ratio Lower Upper

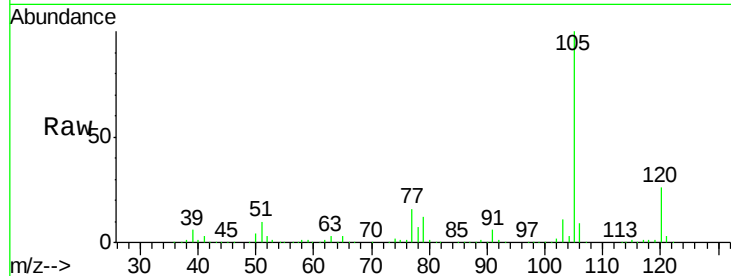
105 100

120 27.1 13.5 40.4

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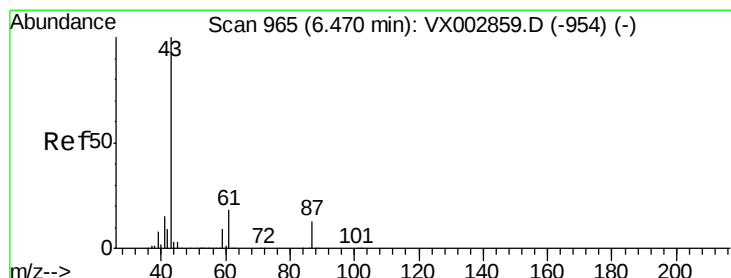
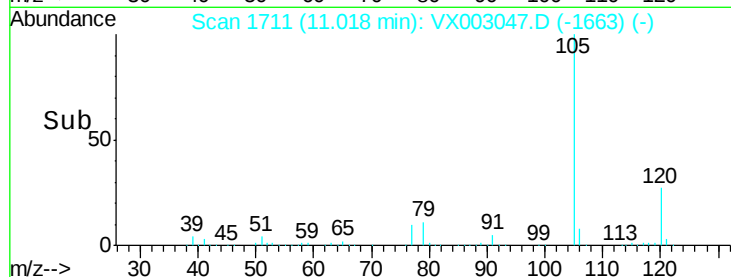
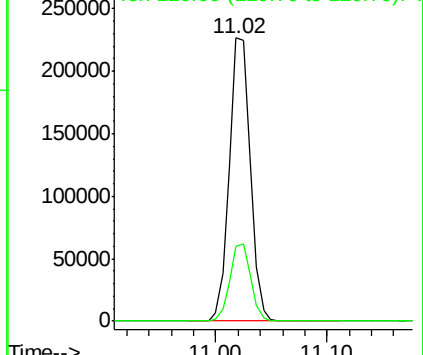
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion: 43 Resp: 138521

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

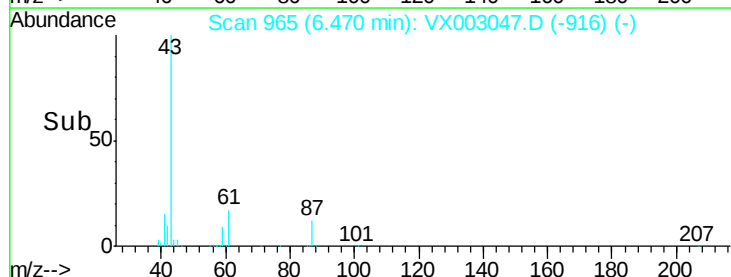
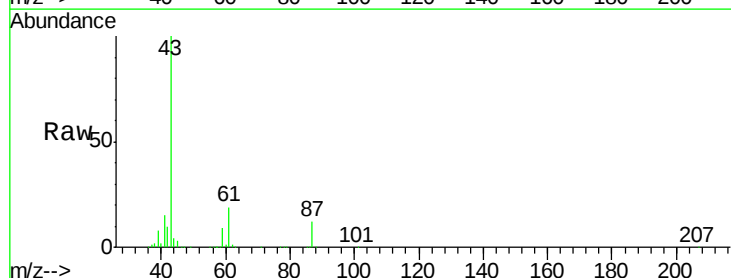
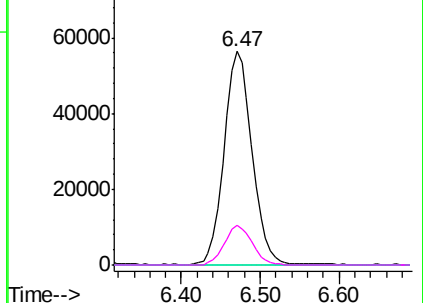
61 18.5 14.4 21.6

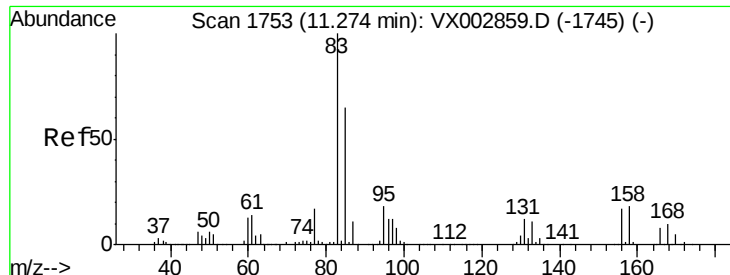
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.87 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

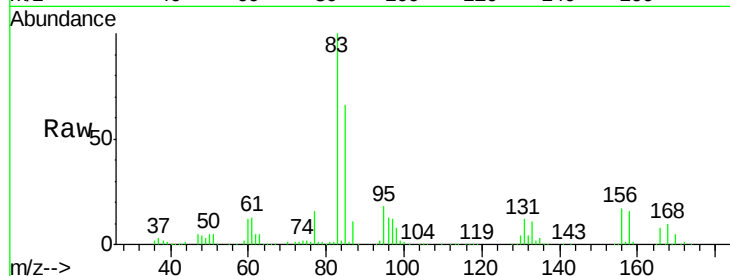
ClientSampled :

VX0629WBS02

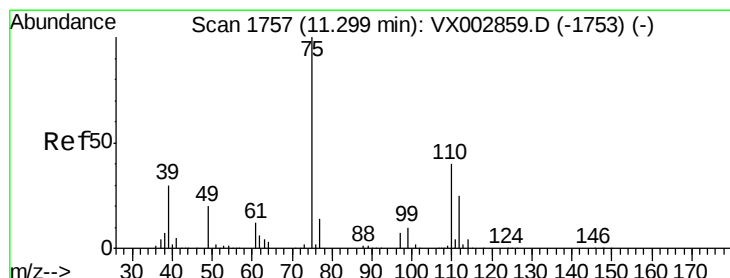
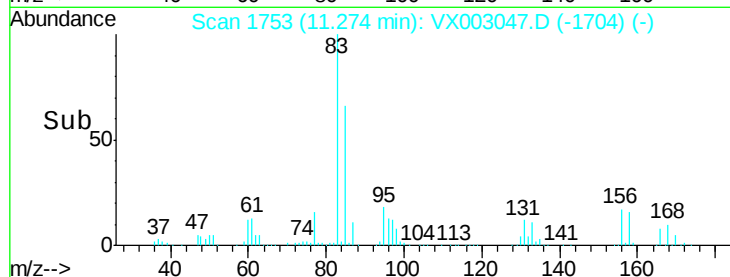
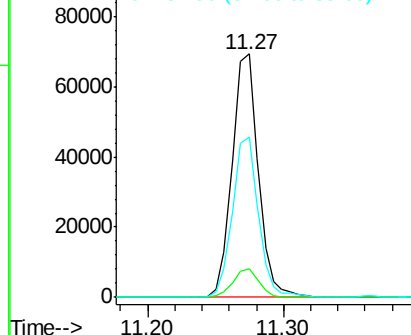
Tot Ion:	83	Resp:	92952
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.6	16.8
85	65.4	32.4	97.2

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



#76

1,2,3-Trichloropropane

Concen: 20.84 ug/l m

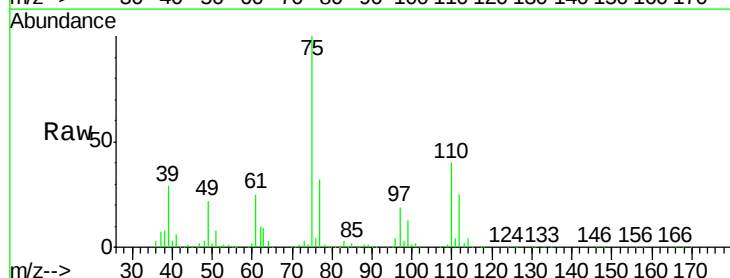
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

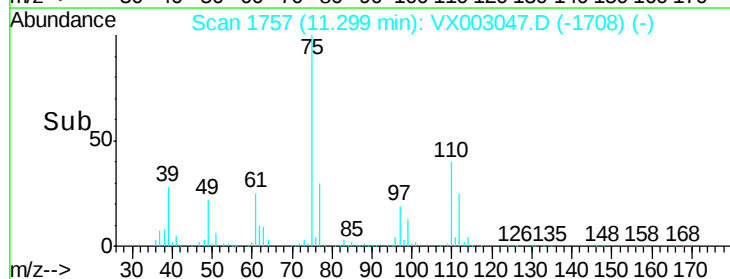
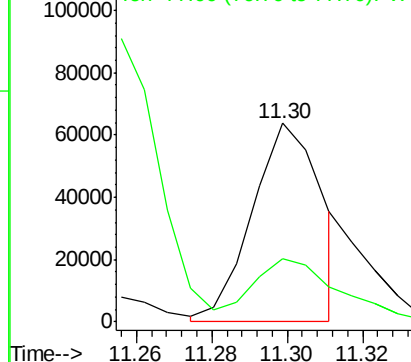
Lab File: VX003047.D

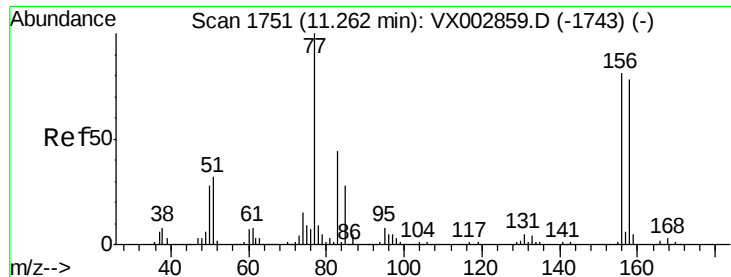
Acq: 29 Jun 2018 23:50

Tgt Ion:	75	Resp:	81141
Ion Ratio	Lower	Upper	
75	100		
77	40.0	22.8	68.3



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





#77

Bromobenzene

Concen: 20.29 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

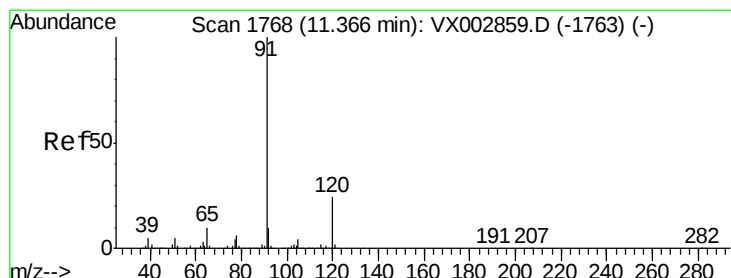
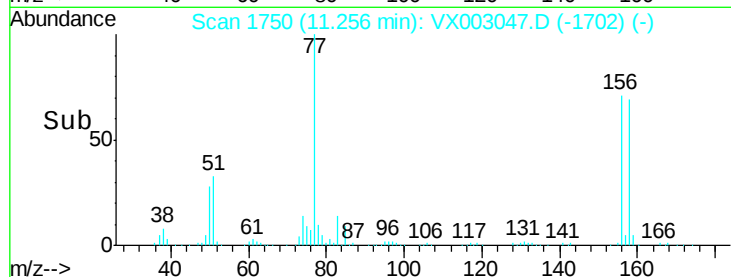
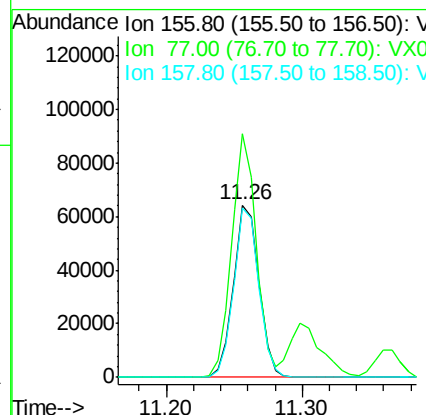
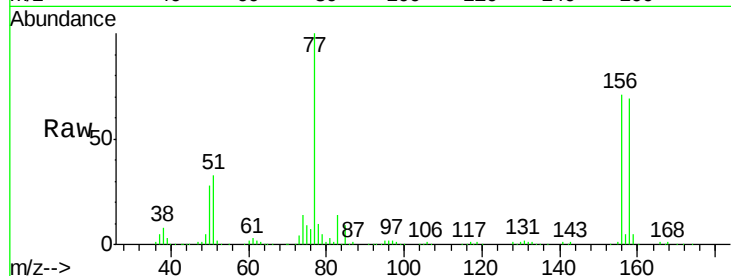
ClientSampleId :

VX0629WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.2	71.4	214.2
158	97.5	48.9	146.6

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#78

n-propylbenzene

Concen: 20.06 ug/l

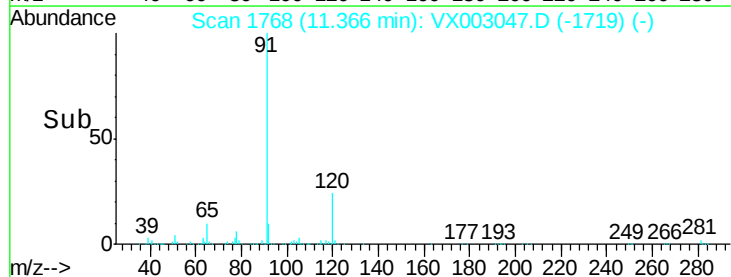
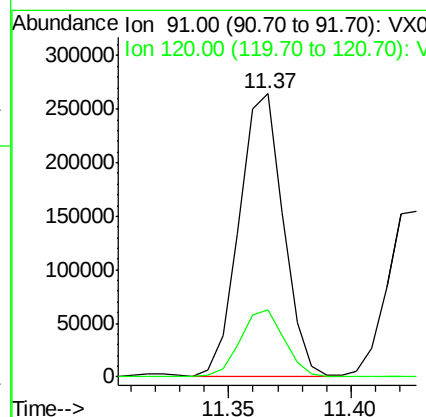
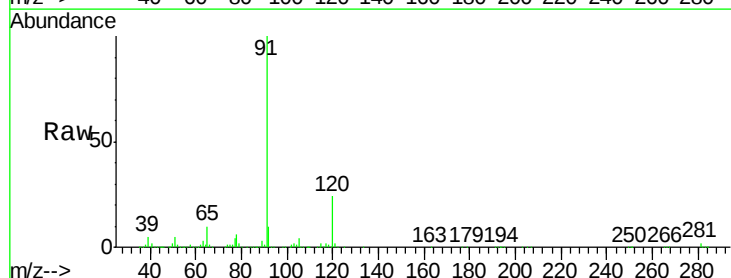
RT: 11.37 min Scan# 1768

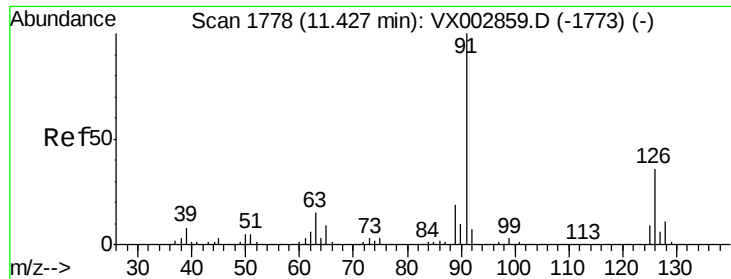
Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.8	35.4





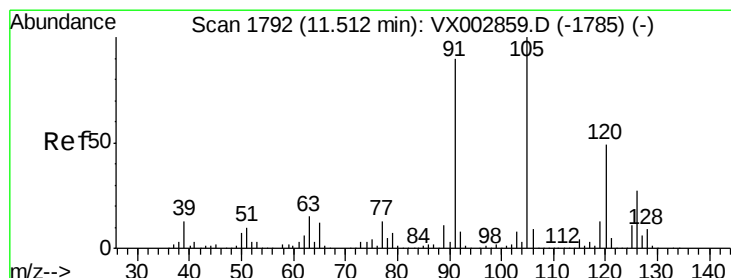
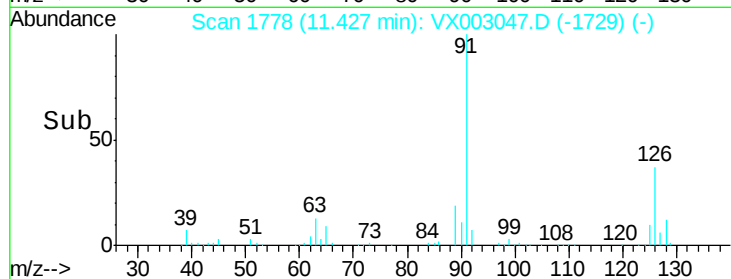
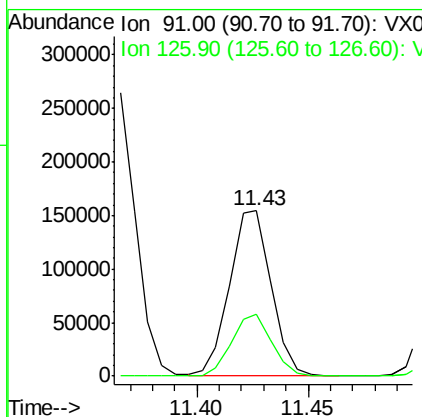
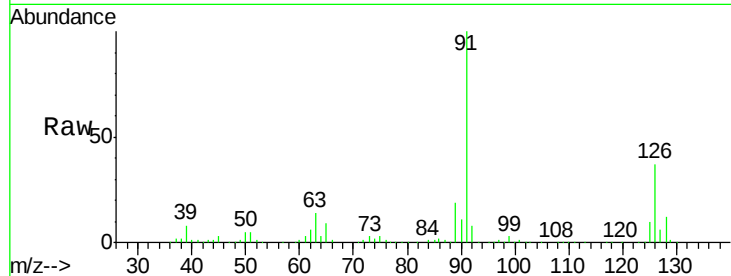
#79
 2-Chlorotoluene
 Concen: 20.07 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Tot Ion: 91 Resp: 200042
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.7 53.1

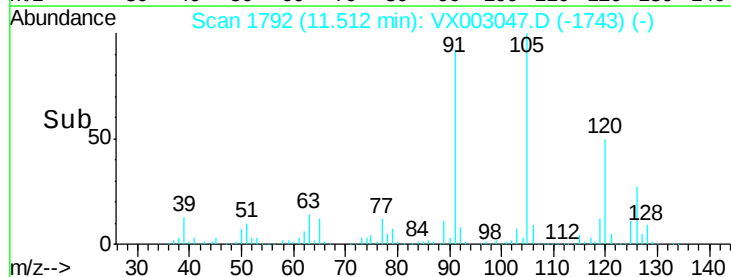
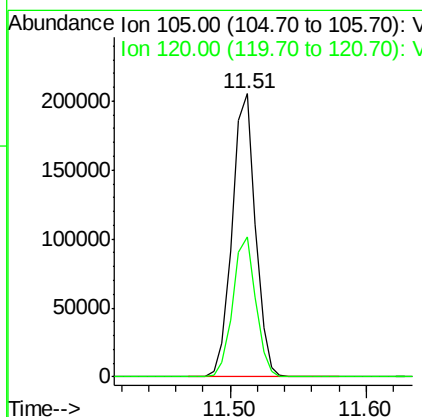
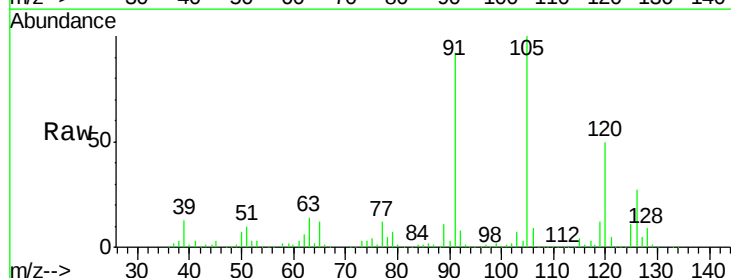
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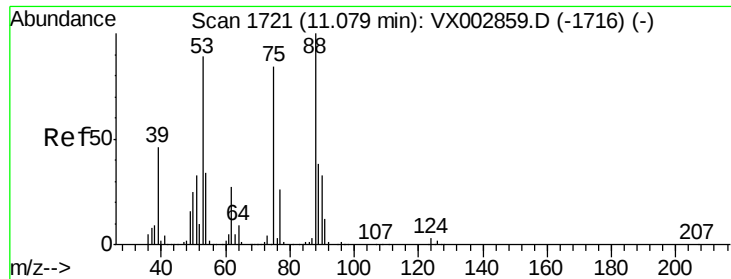
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.02 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion: 105 Resp: 243836
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4





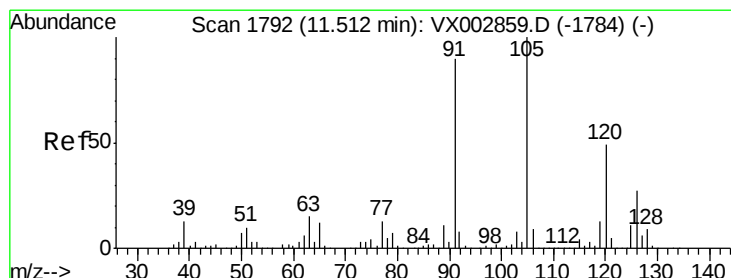
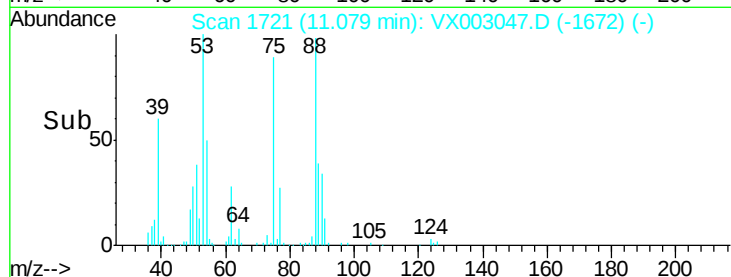
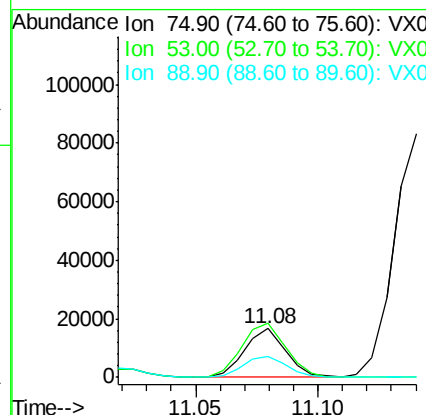
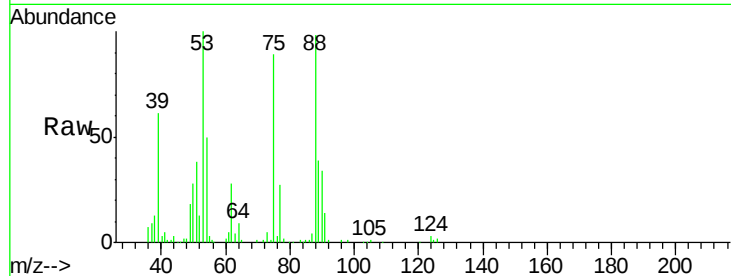
#81
trans-1,4-Dichloro-2-butene
Concen: 17.06 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampled :
VX0629WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.8	86.8	130.2
89	46.5	38.2	57.2

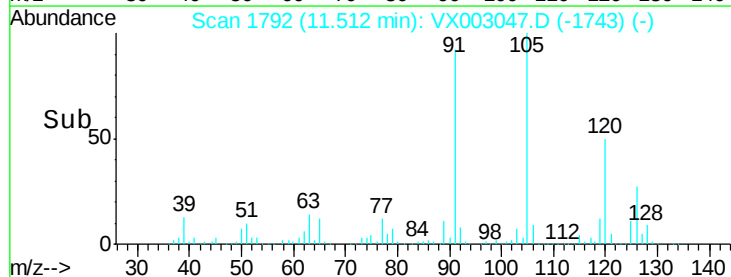
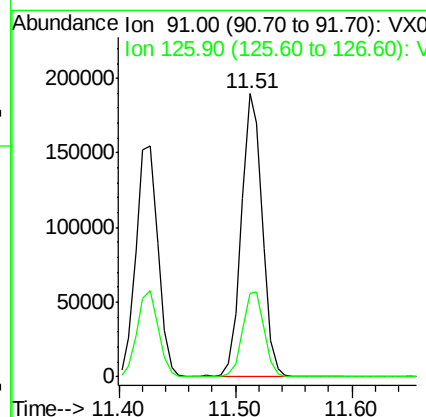
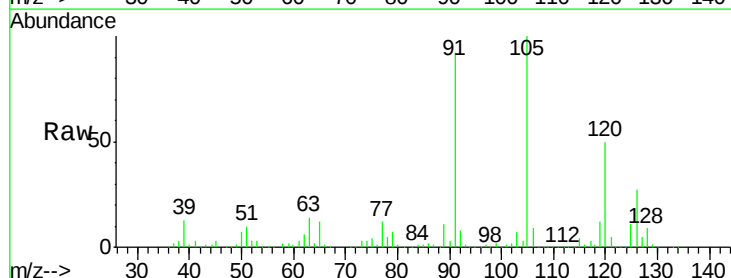
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#82
4-Chlorotoluene
Concen: 20.22 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





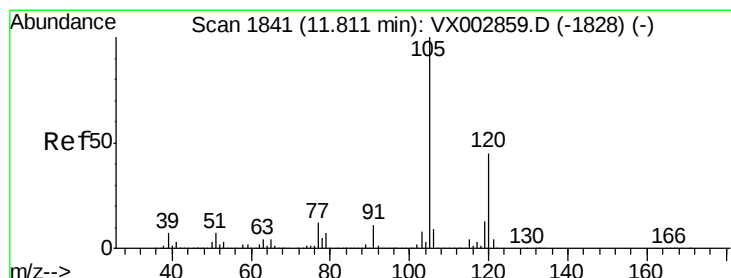
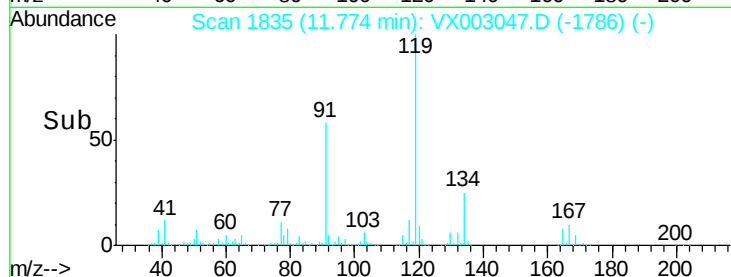
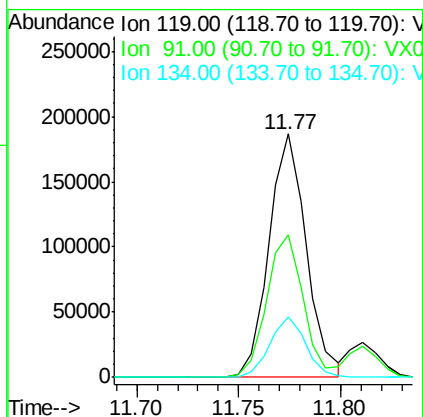
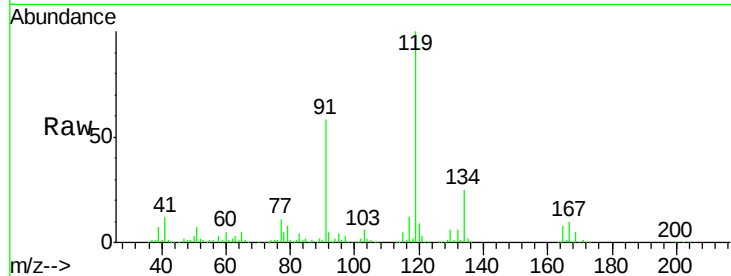
#83
tert-Butylbenzene
Concen: 19.86 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238354		
91	56.7	30.3	90.9	
134	24.0	11.7	35.1	

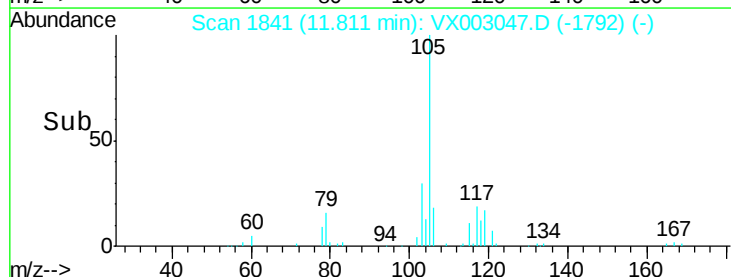
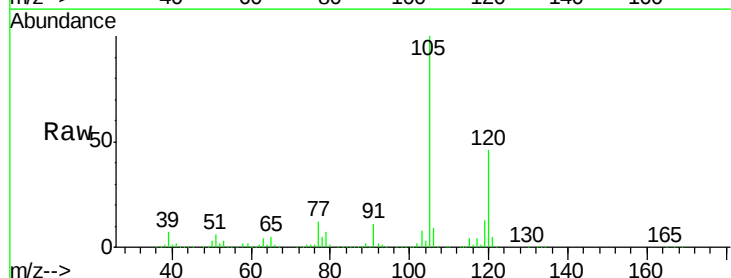
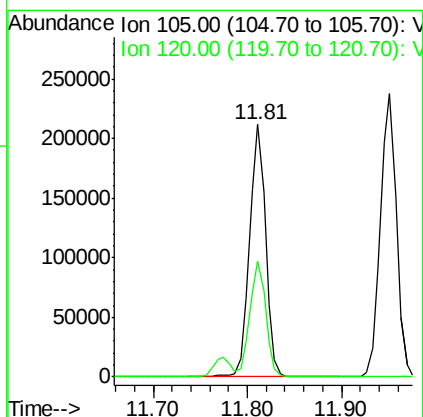
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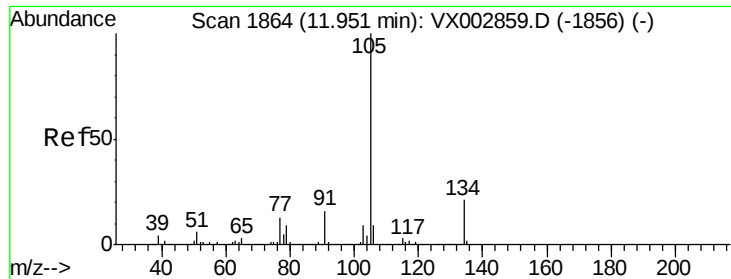
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#84
1,2,4-Trimethylbenzene
Concen: 20.09 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	253542		
120	45.6	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.34 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

ClientSampled :

VX0629WBS02

Tot Ion:105 Resp: 281575

Ion Ratio Lower Upper

105 100

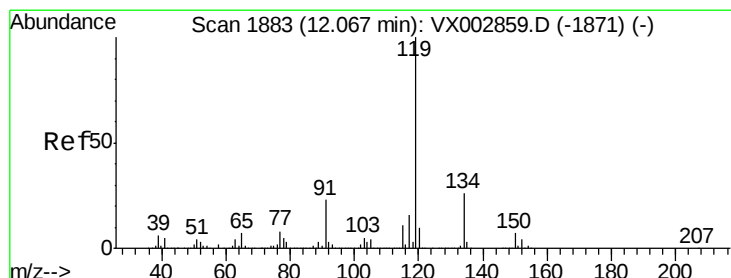
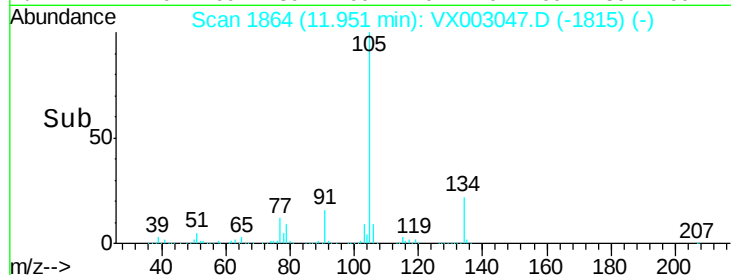
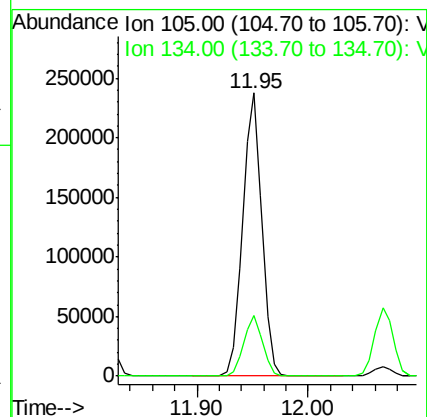
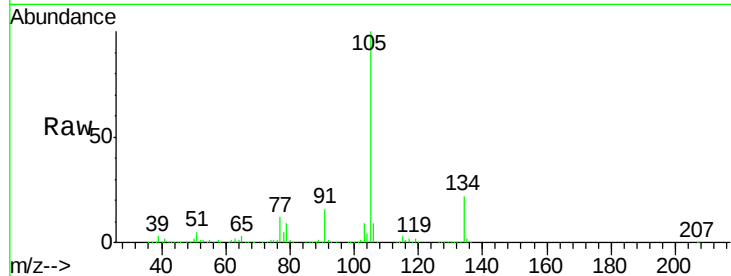
134 21.2 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

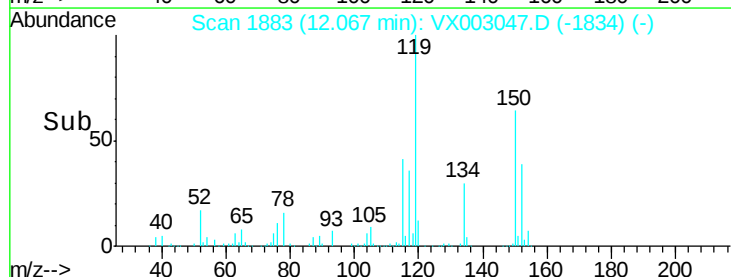
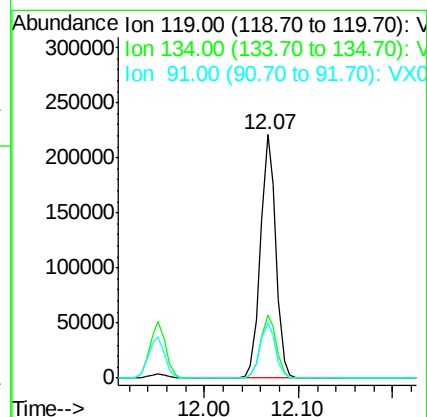
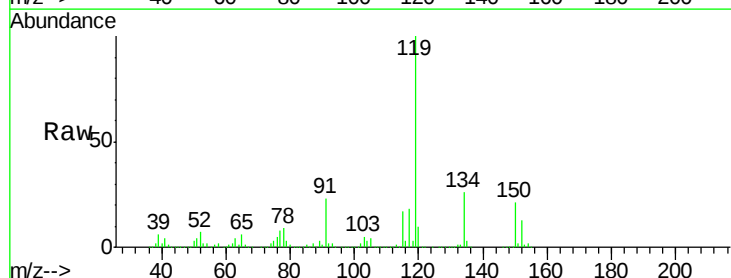
Tgt Ion:119 Resp: 255515

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.77 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

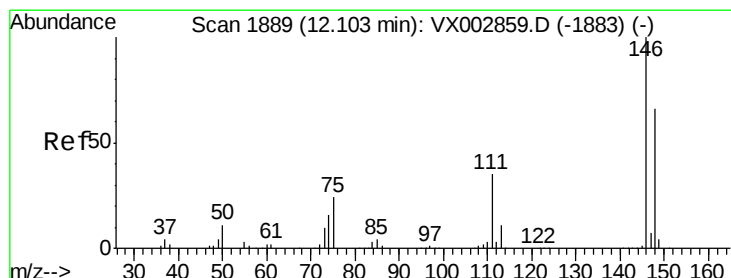
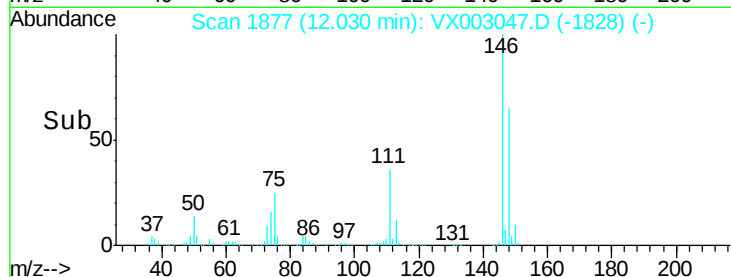
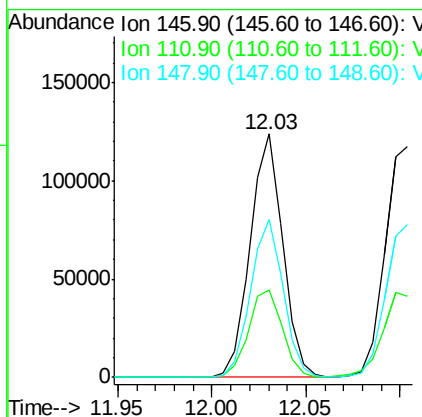
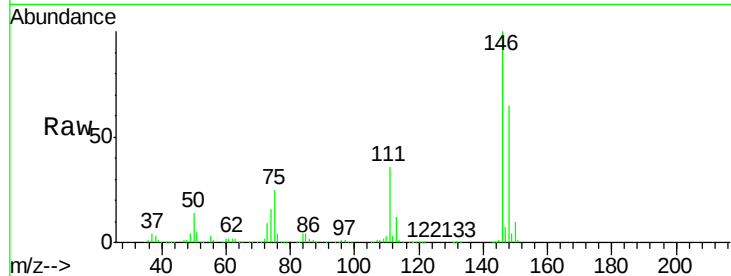
ClientSampled :

VX0629WBS02

Tot Ion:	146	Resp:	148697
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.8	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 19.38 ug/l

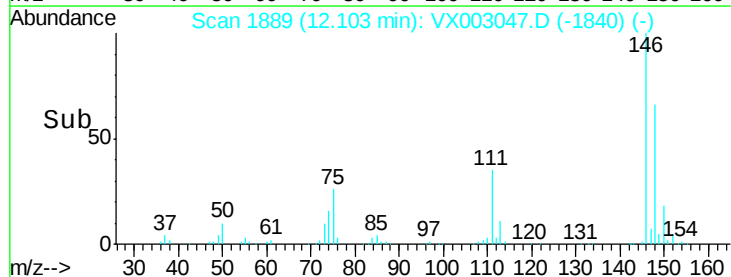
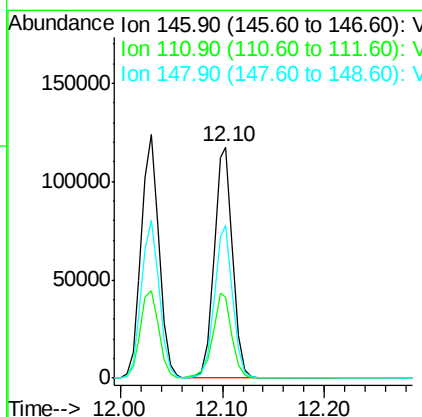
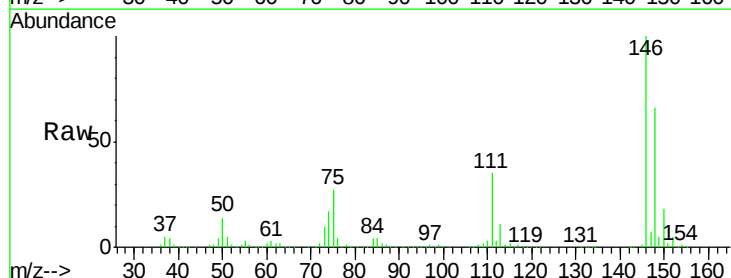
RT: 12.10 min Scan# 1889

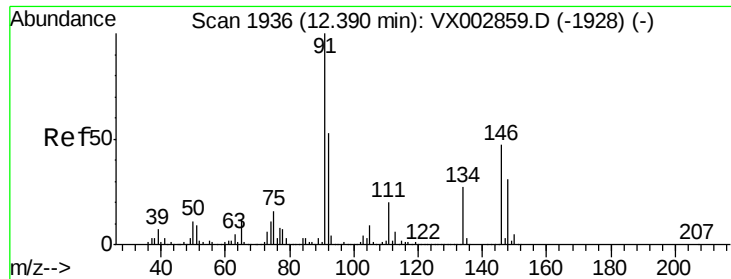
Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	146	Resp:	149995
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.7	56.1
148	65.2	32.4	97.0





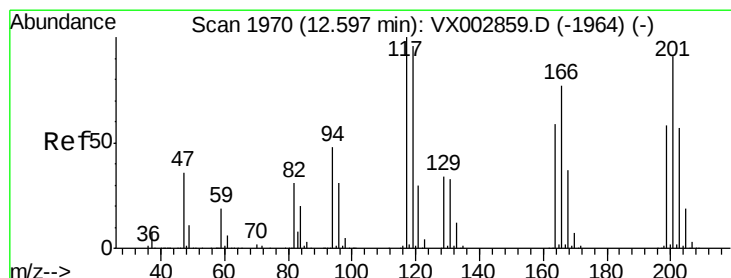
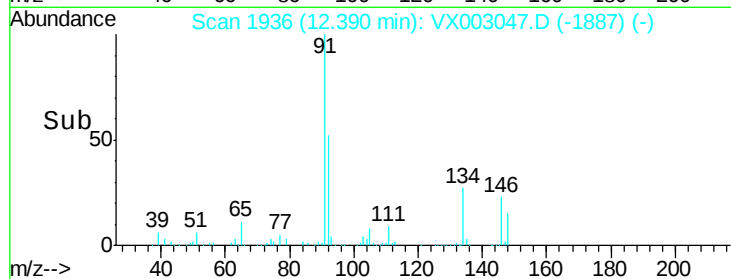
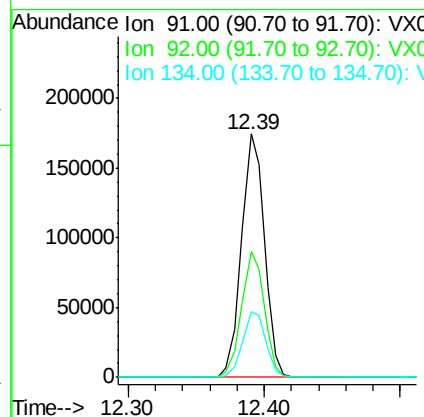
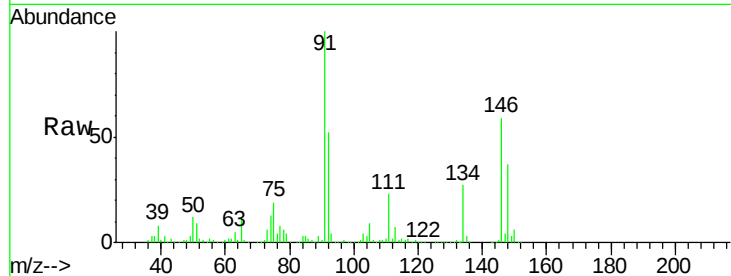
#89
n-Butylbenzene
Concen: 18.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.2	26.0	78.0	
134	27.3	13.5	40.5	

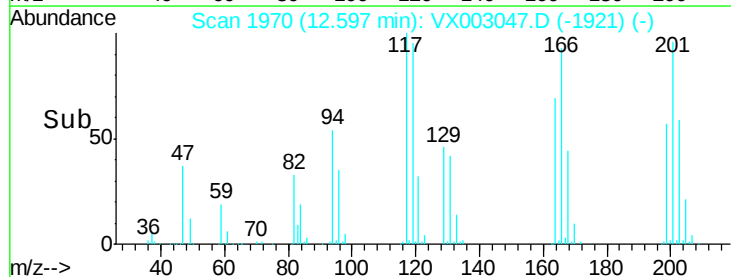
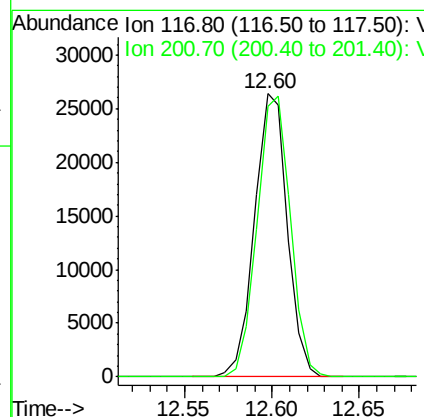
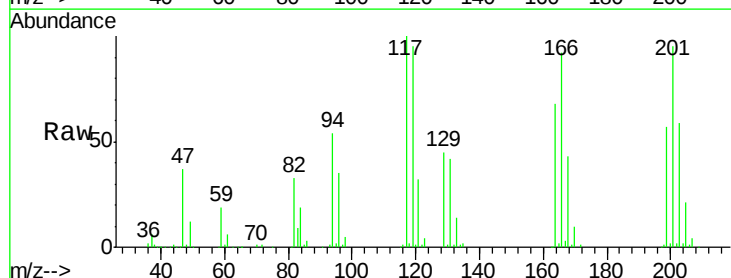
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#90
Hexachloroethane
Concen: 17.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003047.D
Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	101.0	49.0	147.0	





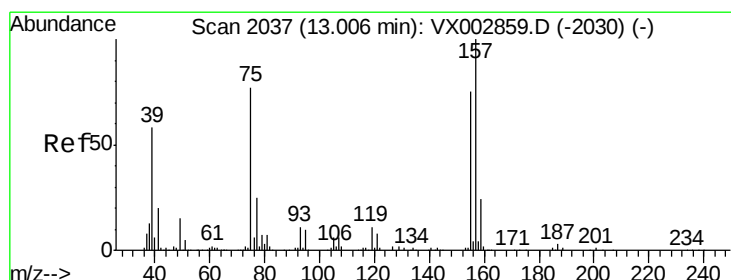
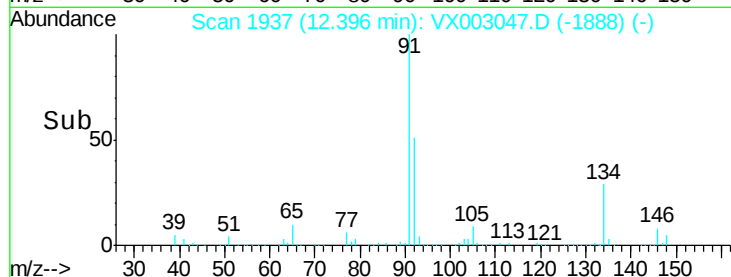
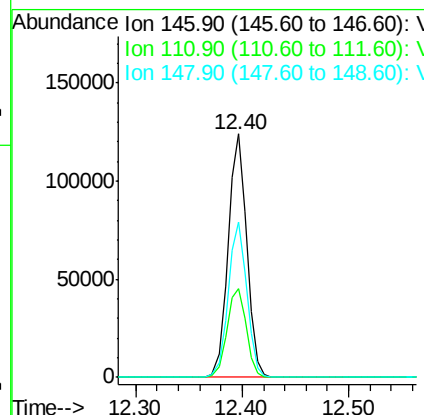
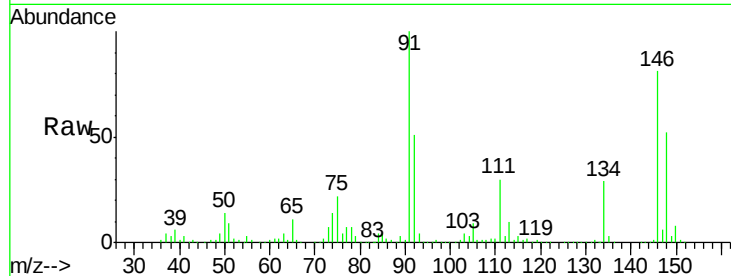
#91
 1,2-Dichlorobenzene
 Concen: 20.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.1
148	63.7	31.7	95.1

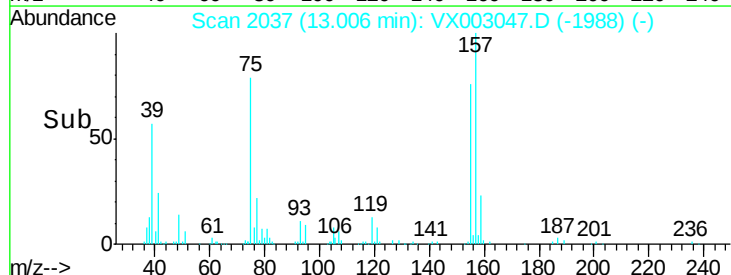
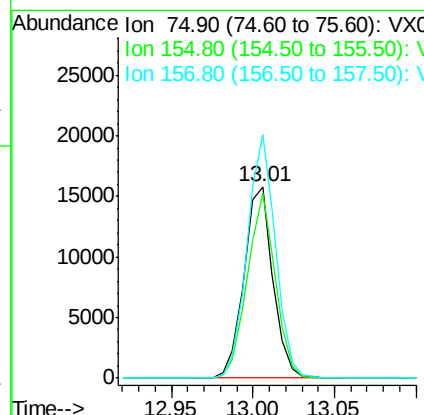
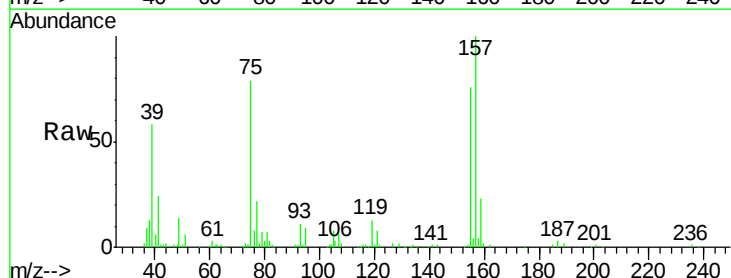
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.8	137.4
157	124.4	60.1	180.3





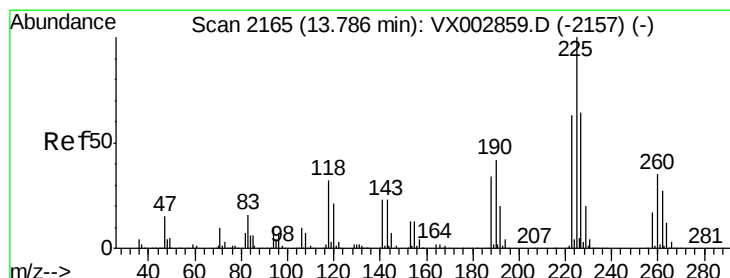
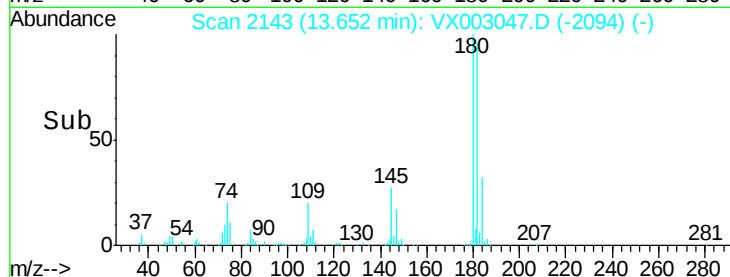
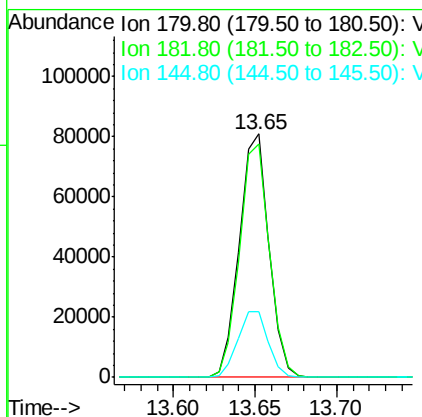
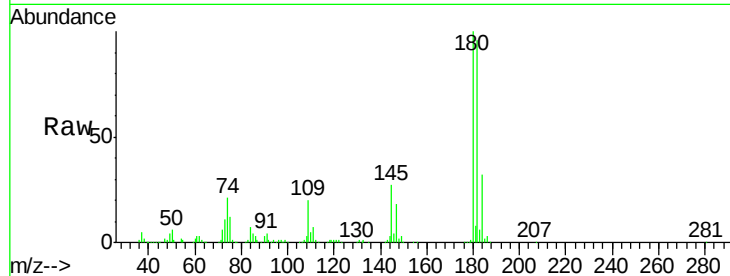
#93
 1,2,4-Trichlorobenzene
 Concen: 18.56 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Instrument :
 MSVOA_X
 ClientSampled :
 VX0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102554		
182	96.8	47.7	143.1	
145	27.9	14.1	42.4	

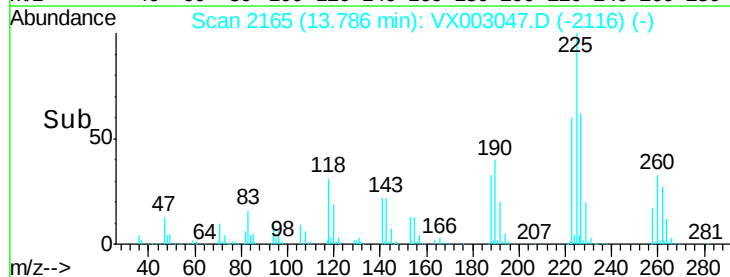
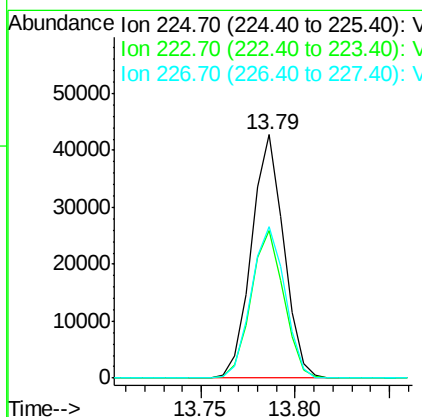
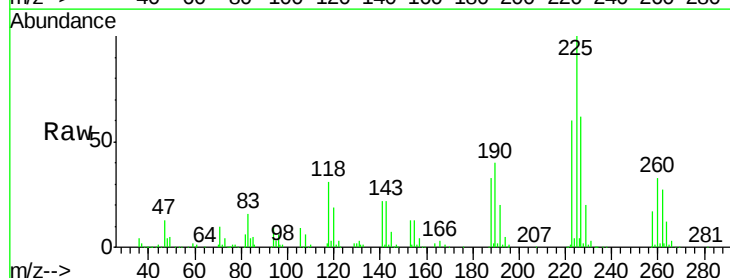
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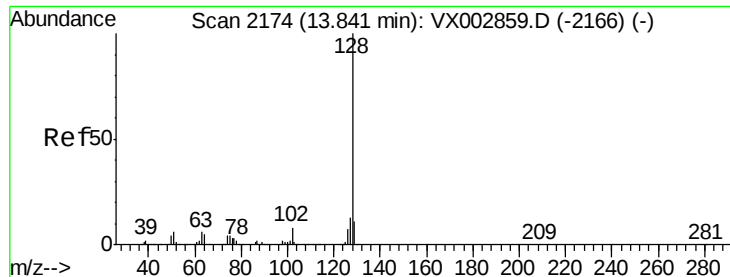
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#94
 Hexachlorobutadiene
 Concen: 18.40 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003047.D
 Acq: 29 Jun 2018 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50700		
223	61.6	31.6	95.0	
227	65.1	32.4	97.2	





#95

Naphthalene

Concen: 20.54 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Instrument :

MSVOA_X

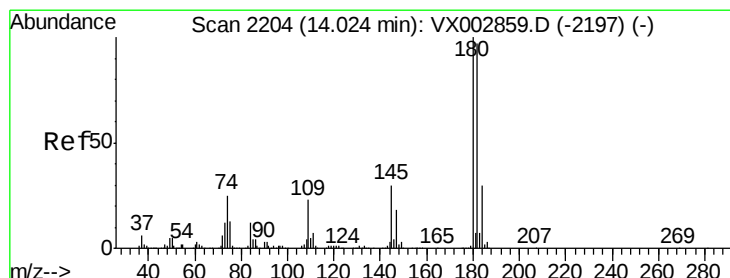
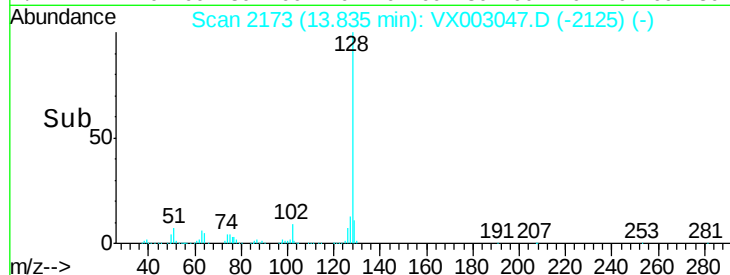
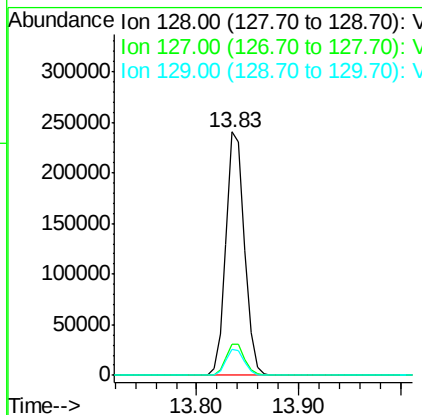
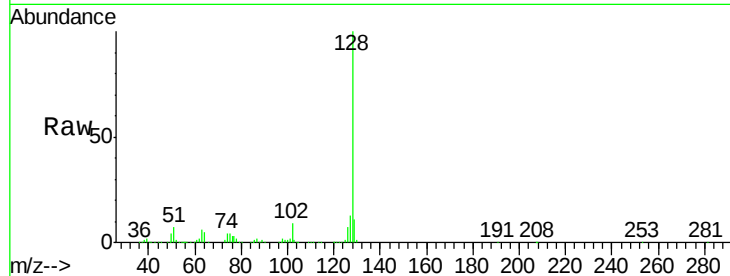
ClientSampleId :

VX0629WBS02

Tot Ion:	128	Resp:	302262
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:37 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.59 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003047.D

Acq: 29 Jun 2018 23:50

Tgt Ion:	180	Resp:	108090
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	29.8	14.8	44.3

