

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003092.D
 Acq On : 30 Jun 2018 21:09
 Operator : JC/MD
 Sample : J3716-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Manual Integrations
 APPROVED

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 7/2/2018 4:20:08 PM

Quant Time: Jul 02 04:28:55 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	268816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181439	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.51	113	149448	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.72	98	524901	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	208895	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	140731	58.69	ug/l	99
3) Chloromethane	1.32	50	135579	54.51	ug/l	99
4) Vinyl Chloride	1.40	62	155020	50.99	ug/l	92
5) Bromomethane	1.64	94	58866	40.99	ug/l	97
6) Chloroethane	1.72	64	97223	54.71	ug/l	100
7) Trichlorofluoromethane	1.93	101	243704	47.52	ug/l	100
8) Diethyl Ether	2.19	74	92287	49.50	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138480	46.61	ug/l	97
10) Methyl Iodide	2.51	142	142833	47.72	ug/l	98
11) Tert butyl alcohol	3.08	59	165078	223.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127550	48.11	ug/l	96
13) Acrolein	2.30	56	56100	138.63	ug/l	100
14) Allyl chloride	2.73	41	245086	46.90	ug/l	96
15) Acrylonitrile	3.15	53	400129	253.09	ug/l	99
16) Acetone	2.45	43	355616	231.11	ug/l	97
17) Carbon Disulfide	2.57	76	329861	46.70	ug/l	98
18) Methyl Acetate	2.78	43	175545	40.80	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	465589	48.85	ug/l	100
20) Methylene Chloride	2.86	84	144730	48.33	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	136094	47.13	ug/l	96
22) Diisopropyl ether	3.88	45	501841	50.24	ug/l	98
23) Vinyl Acetate	3.83	43	1986651	234.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	261993	48.25	ug/l	99
25) 2-Butanone	4.71	43	585905	256.57	ug/l	96
26) 2,2-Dichloropropane	4.59	77	163295	36.99	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	165031	50.97	ug/l	93
28) Bromochloromethane	5.03	49	131594	50.64	ug/l	92
29) Tetrahydrofuran	5.17	42	374451	255.70	ug/l	96
30) Chloroform	5.22	83	279999	50.25	ug/l	99
31) Cyclohexane	5.58	56	325641	69.89	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	247928	50.57	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196401	47.68	ug/l	98
37) Ethyl Acetate	4.87	43	208876	47.09	ug/l	99
38) Carbon Tetrachloride	5.79	117	220917	48.87	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	322353	67.18	ug/l	96
40) Benzene	6.15	78	595188	49.73	ug/l	100
41) Methacrylonitrile	5.07	41	131732	51.58	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228307	47.22	ug/l	98
43) Isopropyl Acetate	6.47	43	349307	46.96	ug/l	98
44) Trichloroethene	7.22	130	173641	48.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	154484	48.66	ug/l	99
46) Dibromomethane	7.66	93	108446	49.22	ug/l	96
47) Bromodichloromethane	7.90	83	205642	50.48	ug/l	98
48) Methyl methacrylate	7.78	41	196456	51.26	ug/l	97
49) 1,4-Dioxane	7.76	88	66886	896.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1193619	256.47	ug/l	98
52) Toluene	8.79	92	383716	50.04	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227269	49.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	215447	48.54	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159024	50.47	ug/l	96
56) Ethyl methacrylate	9.18	69	243246	52.82	ug/l	95
57) 1,3-Dichloropropane	9.38	76	260312	50.30	ug/l	100
59) 2-Hexanone	9.50	43	902522	255.16	ug/l	96
60) Dibromochloromethane	9.59	129	171698	51.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	167849	50.79	ug/l	99
64) Tetrachloroethene	9.34	164	183345	46.28	ug/l	99
65) Chlorobenzene	10.14	112	445222	49.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166542	50.66	ug/l	99
67) Ethyl Benzene	10.26	91	1012389	67.72	ug/l	99
68) m/p-Xylenes	10.37	106	1141178	198.08	ug/l	98
69) o-Xylene	10.70	106	290847	51.85	ug/l	97
70) Styrene	10.71	104	476432	52.27	ug/l	99
71) Bromoform	10.86	173	136407	46.24	ug/l	98
73) Isopropylbenzene	11.02	105	1024694	67.82	ug/l	100
74) N-amyl acetate	6.47	43	349307	47.25	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	240774	51.73	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	230973m	56.77	ug/l	
77) Bromobenzene	11.26	156	216170	50.24	ug/l	97
78) n-propylbenzene	11.37	91	1119071	65.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	641005	61.56	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	1035117	81.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	57973	41.93	ug/l	99
82) 4-Chlorotoluene	11.51	91	652754	52.95	ug/l	98
83) tert-Butylbenzene	11.77	119	664908	53.01	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	1766370	133.96	ug/l	97
85) sec-Butylbenzene	11.95	105	775027	50.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	701409	51.27	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	391698	49.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397339	49.13	ug/l	99
89) n-Butylbenzene	12.39	91	586573	49.27	ug/l	98
90) Hexachloroethane	12.60	117	103878	51.05	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	397933	50.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54110	51.71	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	288015	49.89	ug/l	99

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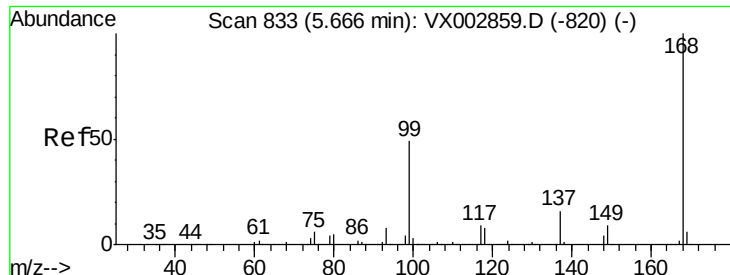
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	137279	47.68	ug/l	99
95) Naphthalene	13.84	128	987634	64.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297553	51.60	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

Tot Ion:168 Resp: 268816

Ion Ratio Lower Upper

168 100

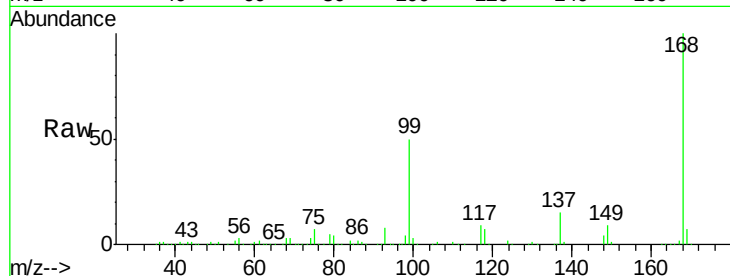
99 49.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

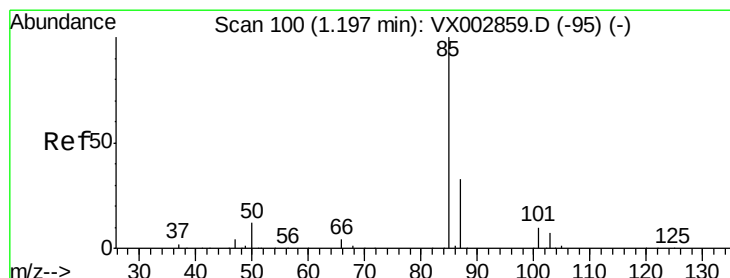
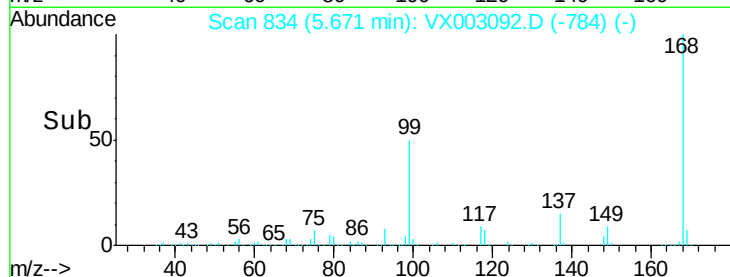
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003092.D

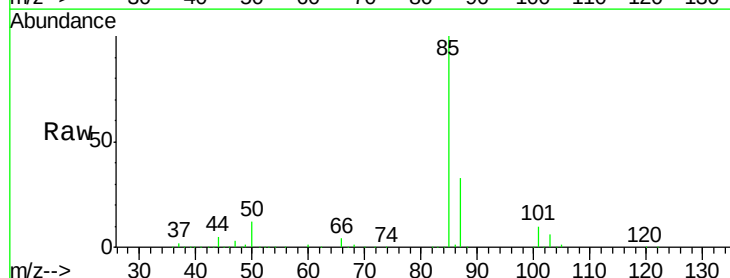
Acq: 30 Jun 2018 21:09

Tgt Ion: 85 Resp: 140731

Ion Ratio Lower Upper

85 100

87 32.5 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

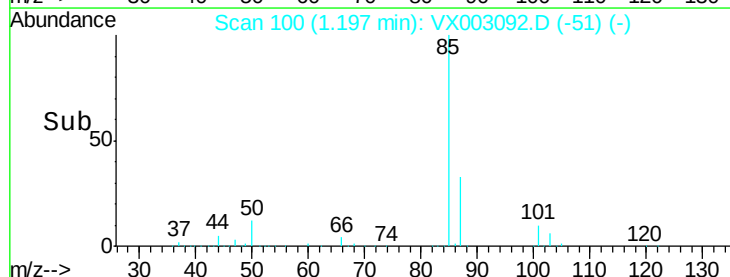
150000

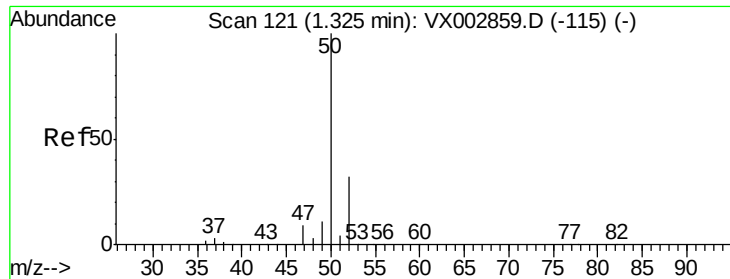
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50000

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Time-->





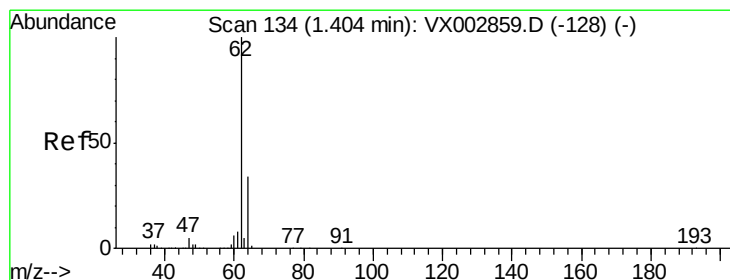
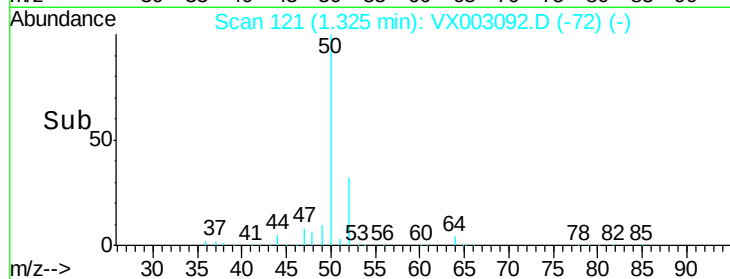
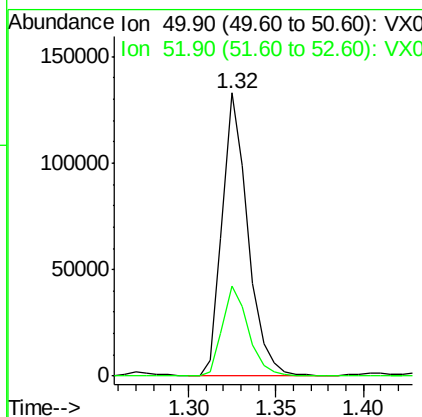
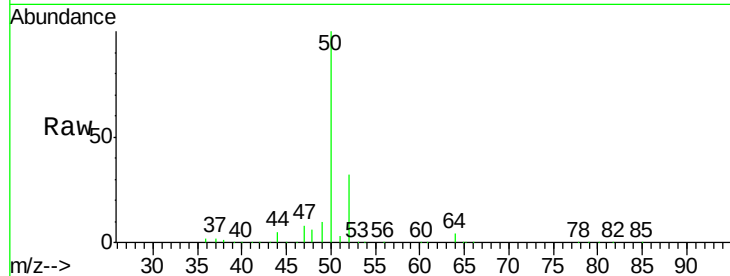
#3
Chloromethane
Concen: 54.51 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.7	38.5

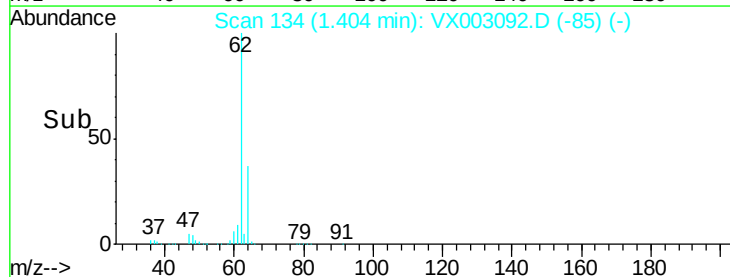
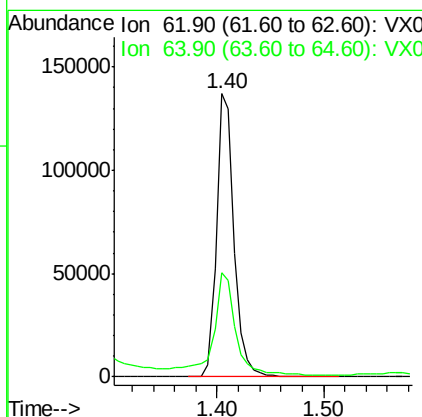
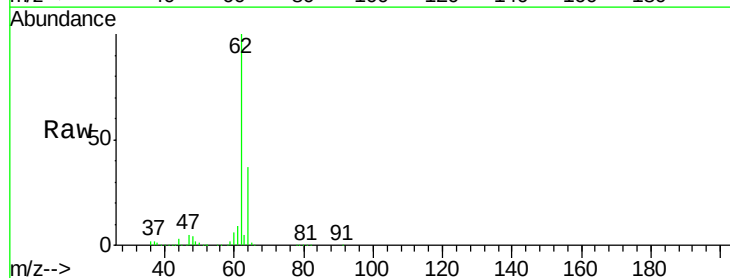
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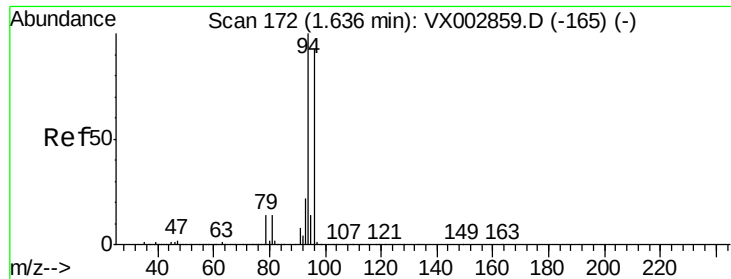
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#4
Vinyl Chloride
Concen: 50.99 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
62	100		
64	36.1	25.4	38.2





#5

Bromomethane

Concen: 40.99 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

Tot Ion: 94 Resp: 58866

Ion Ratio Lower Upper

94 100

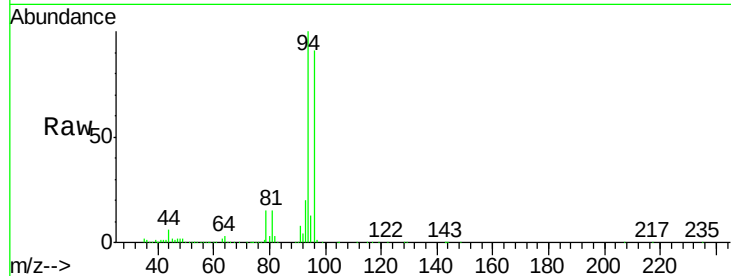
96 91.1 74.9 112.3

Manual Integrations

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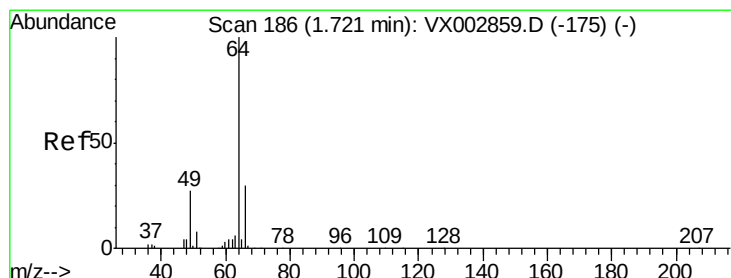
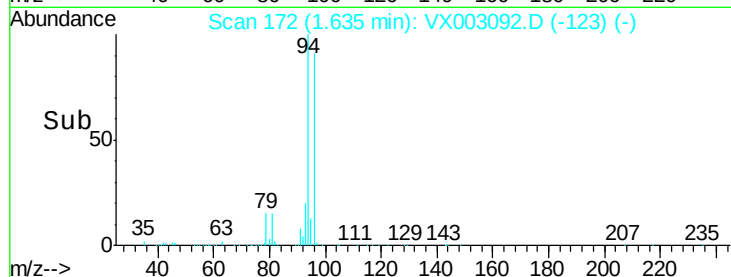
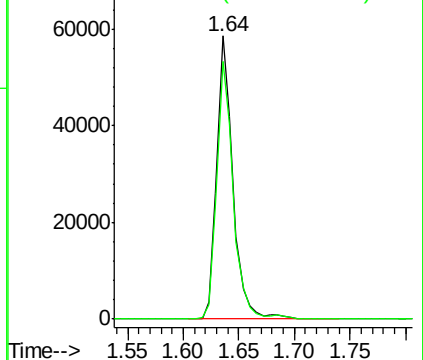
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.71 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003092.D

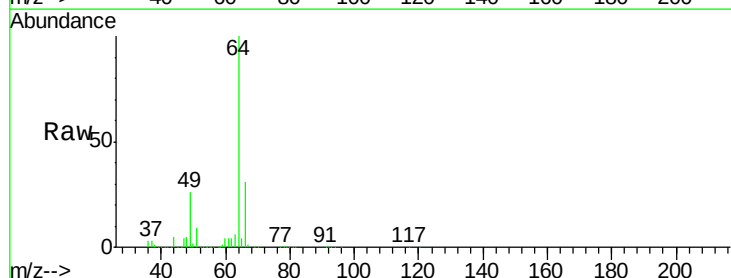
Acq: 30 Jun 2018 21:09

Tgt Ion: 64 Resp: 97223

Ion Ratio Lower Upper

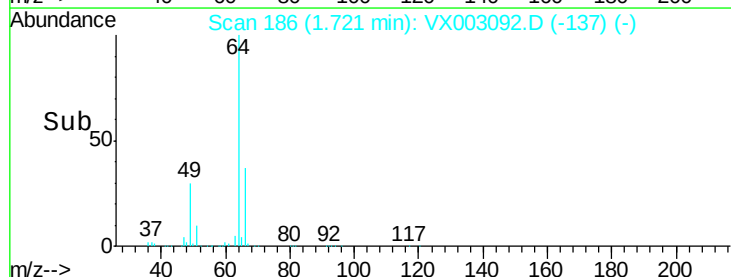
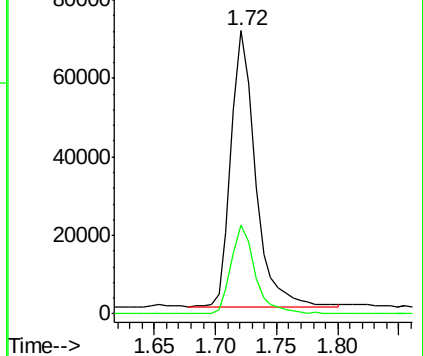
64 100

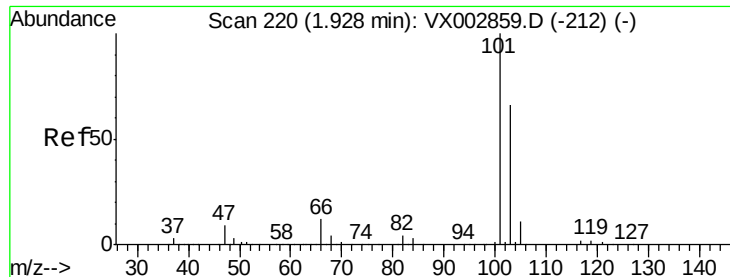
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 47.52 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

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ClientSampleId :

S22-0037MS

Tot Ion:101 Resp: 243704

Ion Ratio Lower Upper

101 100

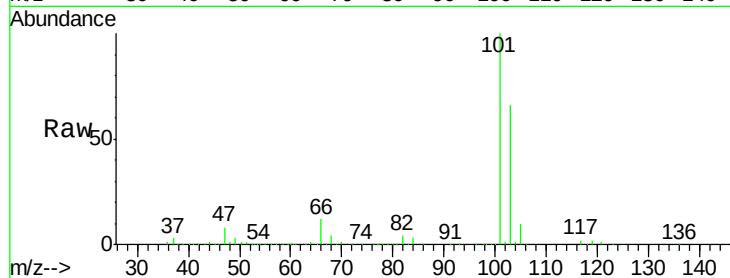
103 65.7 52.8 79.2

Manual Integrations

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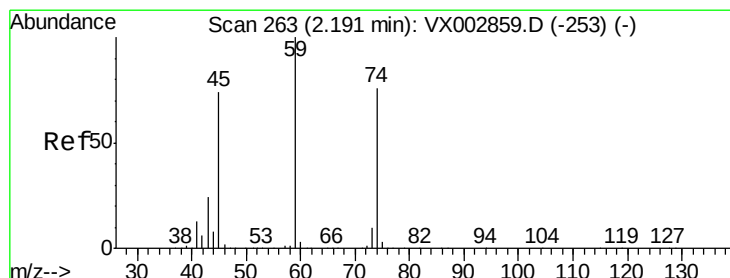
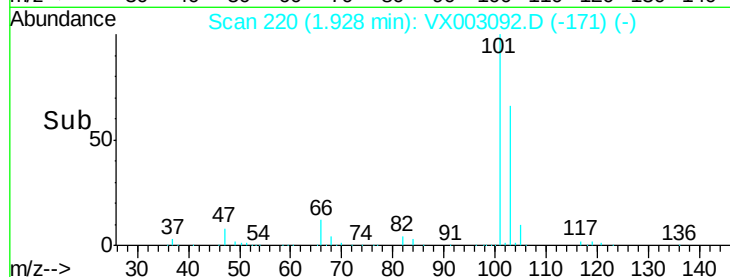
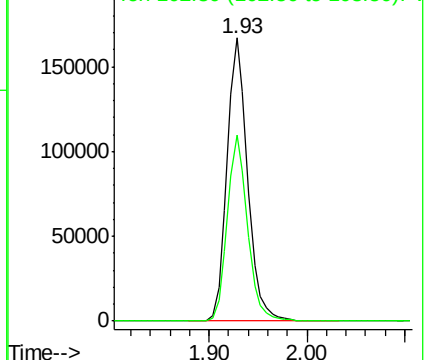
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 49.50 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003092.D

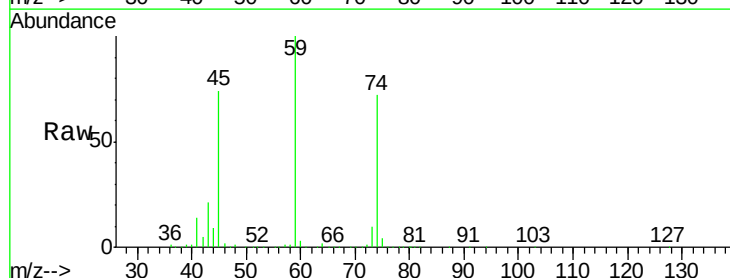
Acq: 30 Jun 2018 21:09

Tgt Ion: 74 Resp: 92287

Ion Ratio Lower Upper

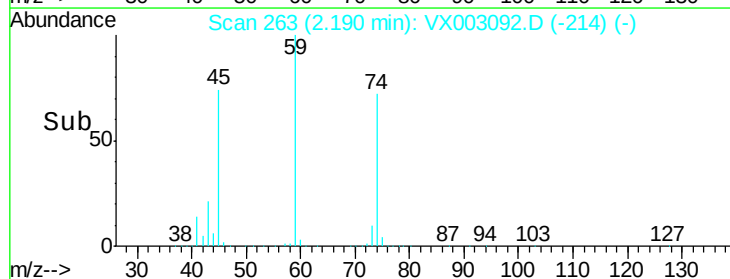
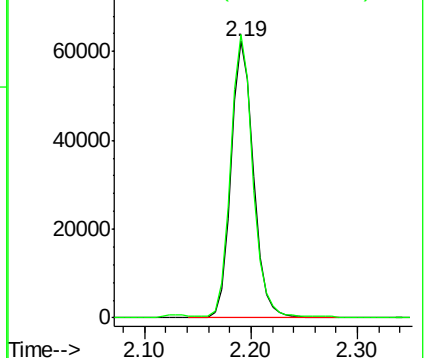
74 100

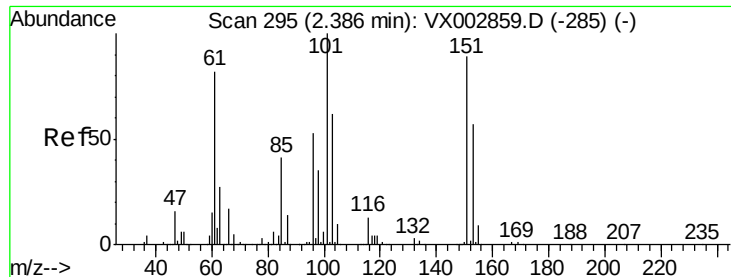
45 100.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.61 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

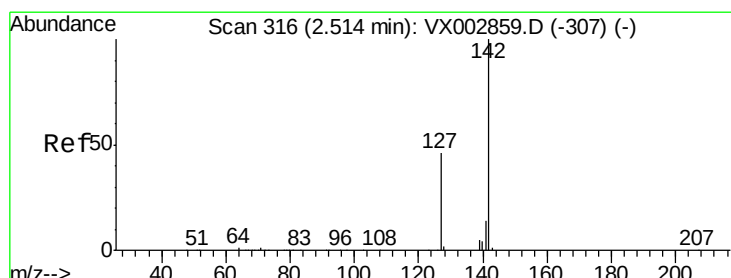
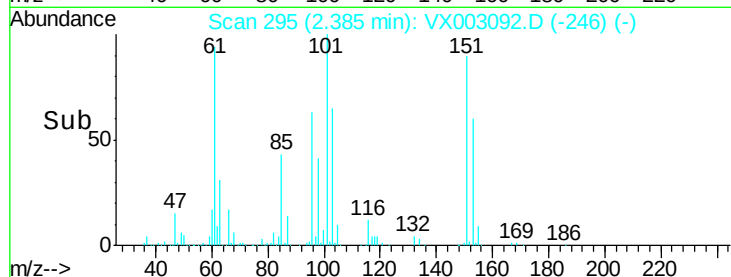
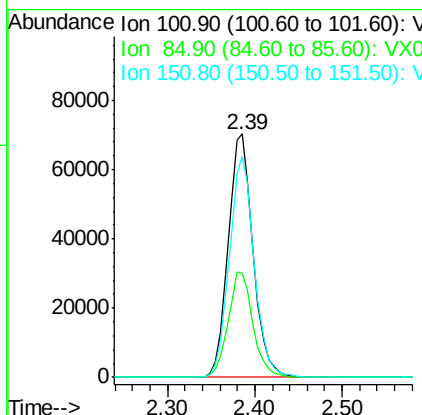
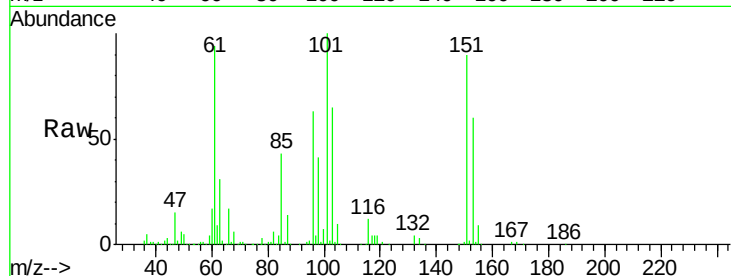
ClientSampled :

S22-0037MS

Tot Ion:	101	Resp:	138480
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.0	54.0
151	91.1	70.9	106.3

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#10

Methyl Iodide

Concen: 47.72 ug/l

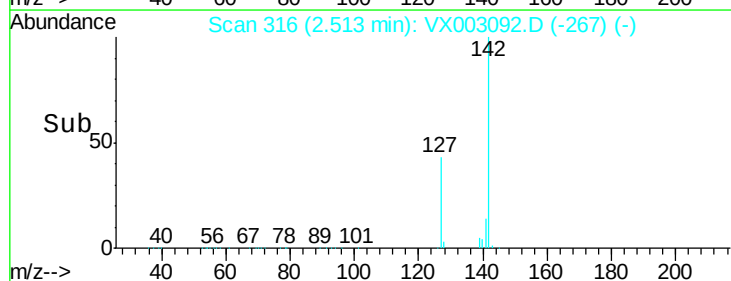
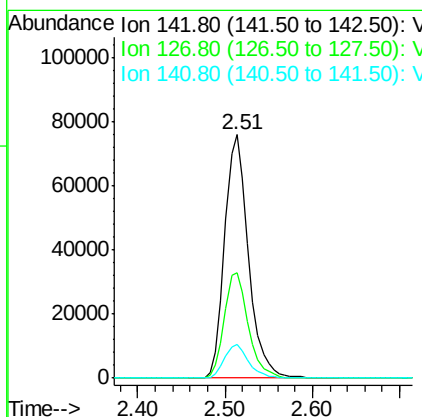
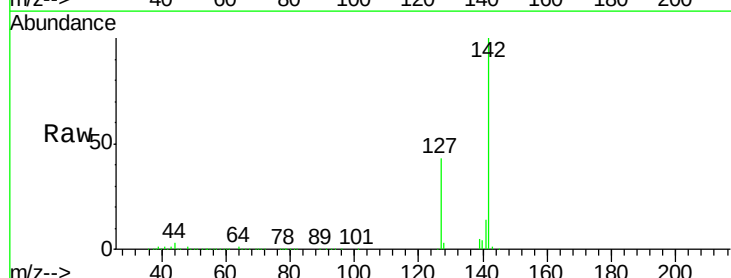
RT: 2.51 min Scan# 316

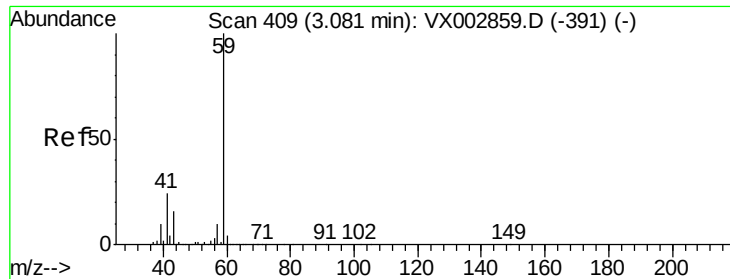
Delta R.T. 0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	142	Resp:	142833
Ion Ratio	Lower	Upper	
142	100		
127	43.9	36.6	55.0
141	14.0	11.3	16.9





#11

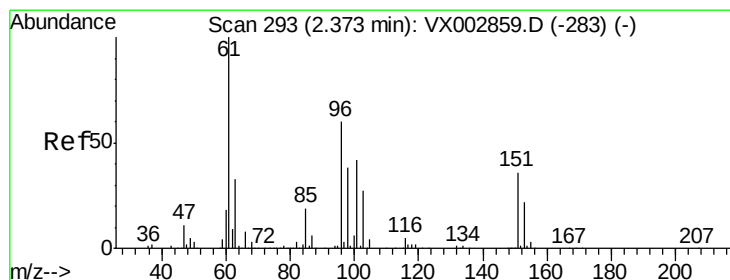
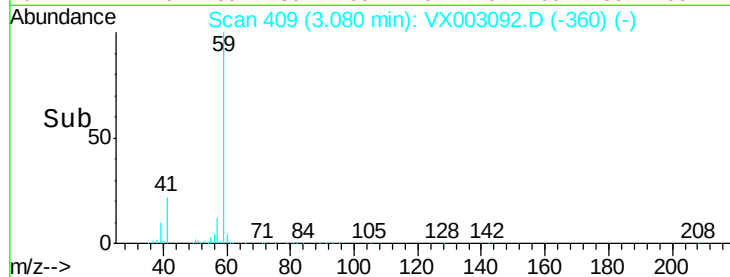
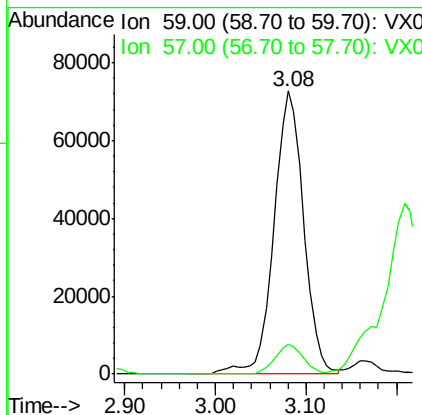
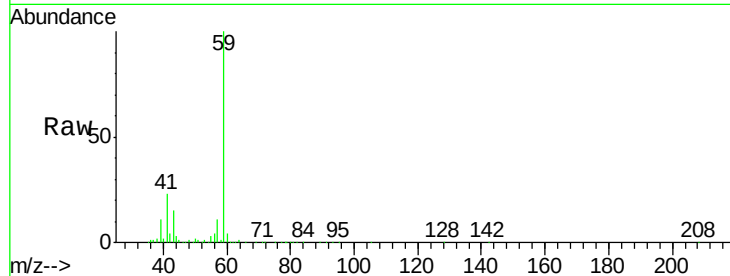
Tert butyl alcohol
Concen: 223.03 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion	59	Resp	165078
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.2

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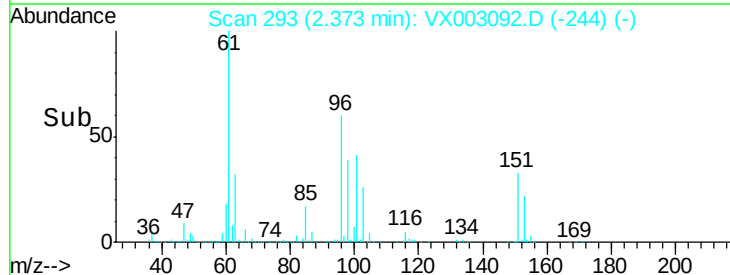
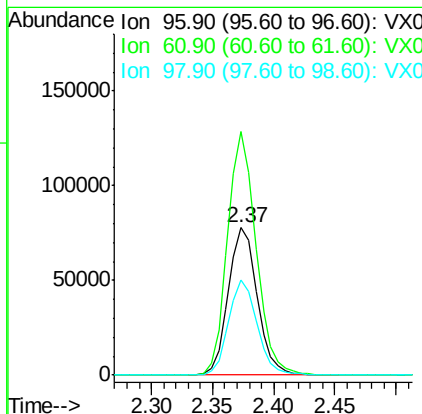
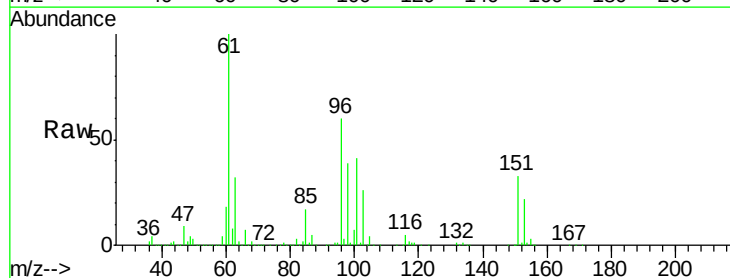
apatel
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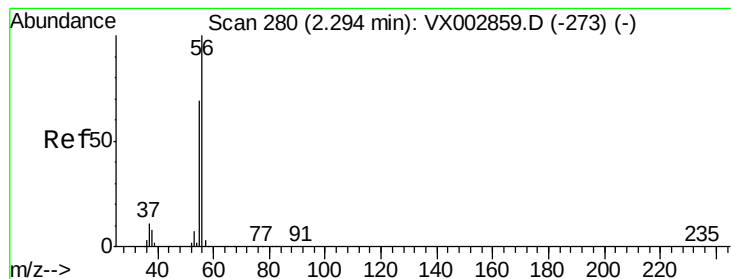


#12

1,1-Dichloroethene
Concen: 48.11 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	96	Resp	127550
Ion Ratio	100	Lower	Upper
61	165.4	137.9	206.9
98	64.8	51.6	77.4





#13

Acrolein

Concen: 138.63 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

Tot Ion: 56 Resp: 56100

Ion Ratio Lower Upper

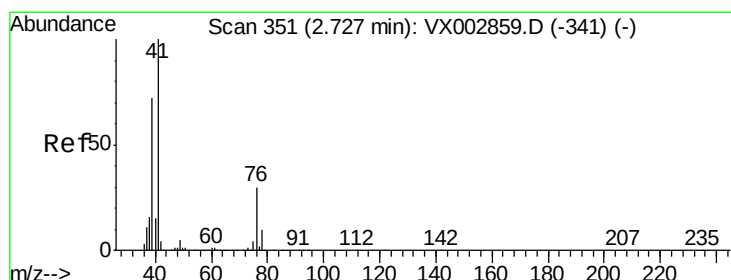
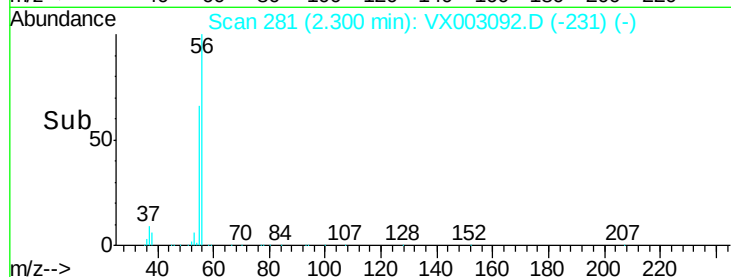
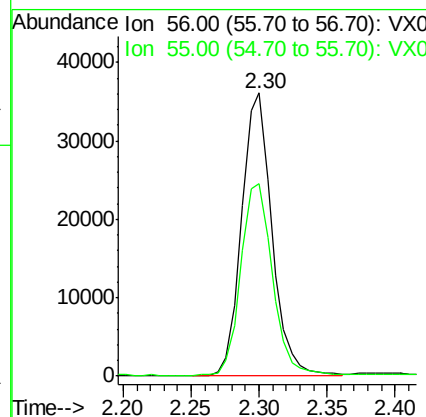
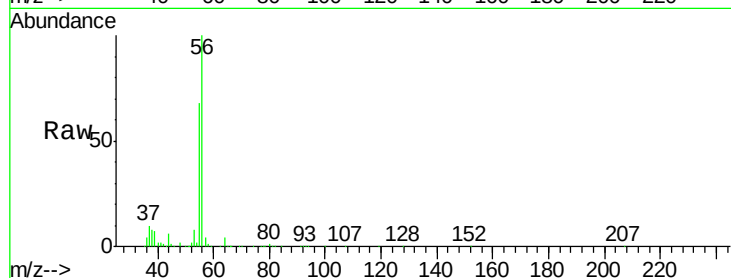
56 100

55 70.9 57.0 85.4

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#14

Allyl chloride

Concen: 46.90 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

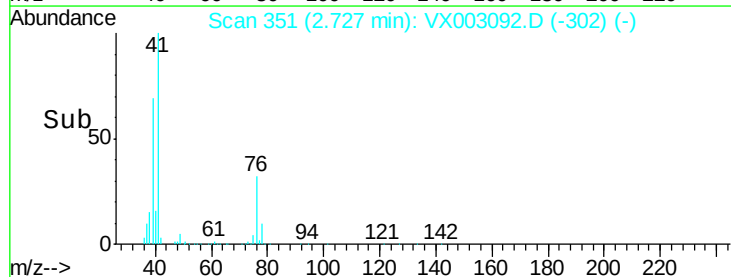
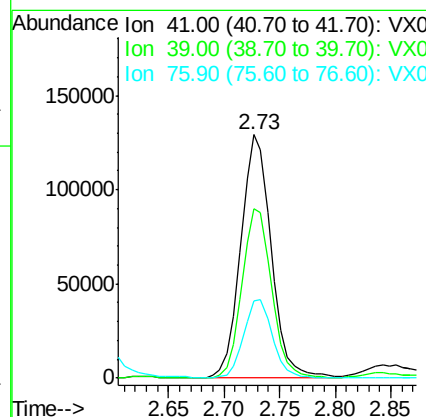
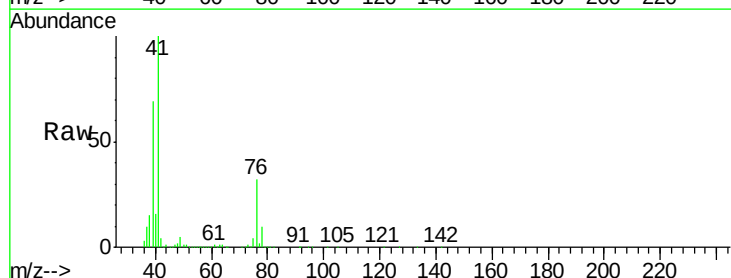
Tgt Ion: 41 Resp: 245086

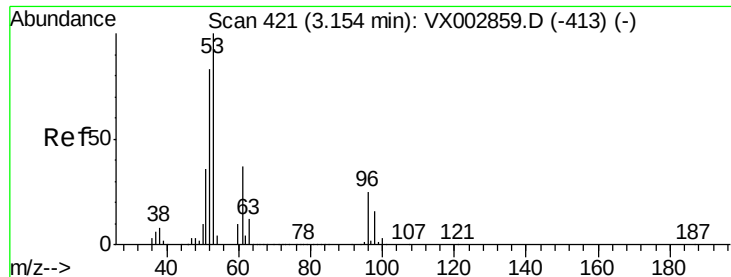
Ion Ratio Lower Upper

41 100

39 67.3 56.8 85.2

76 30.6 23.8 35.8





#15

Acrylonitrile

Concen: 253.09 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

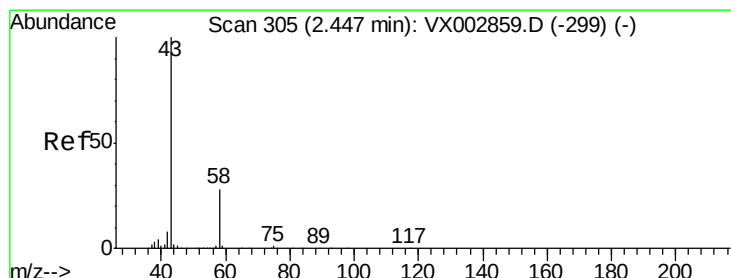
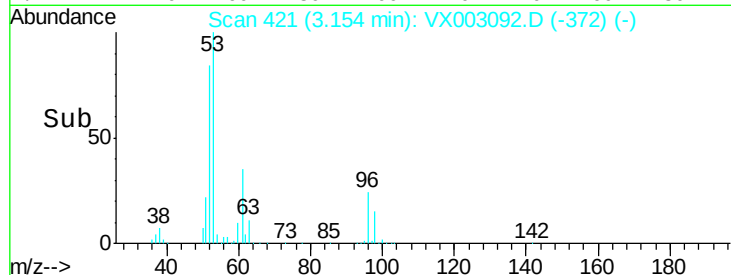
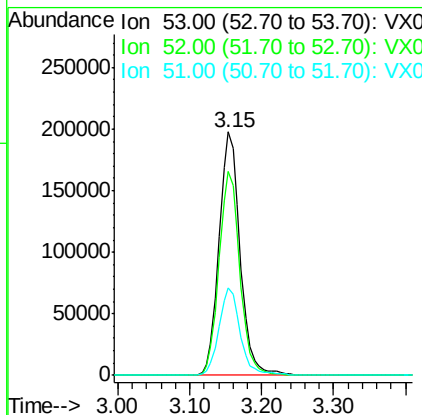
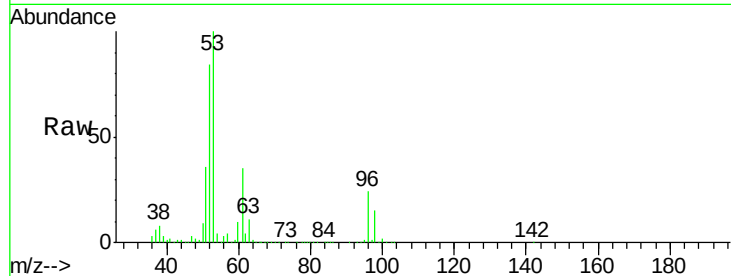
ClientSampled :

S22-0037MS

Tot Ion:	53	Resp:	400129
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	36.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 231.11 ug/l

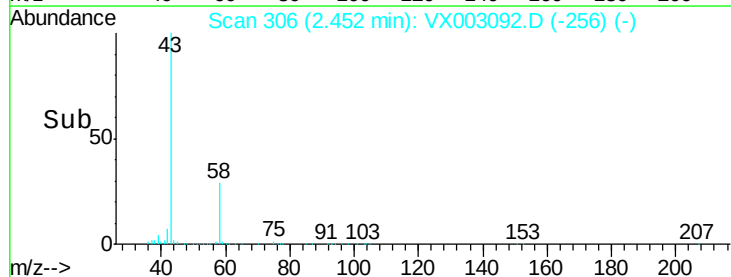
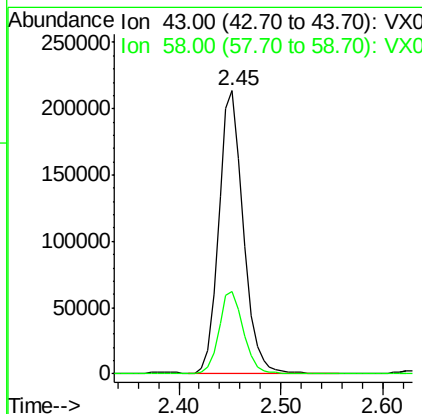
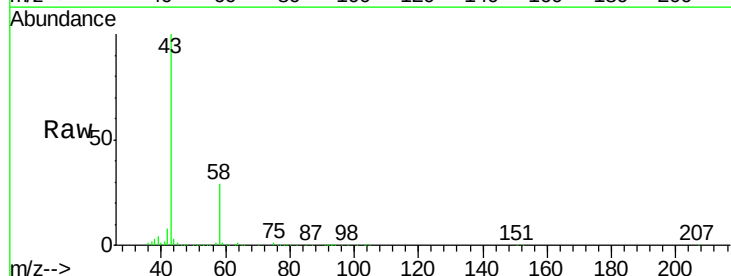
RT: 2.45 min Scan# 306

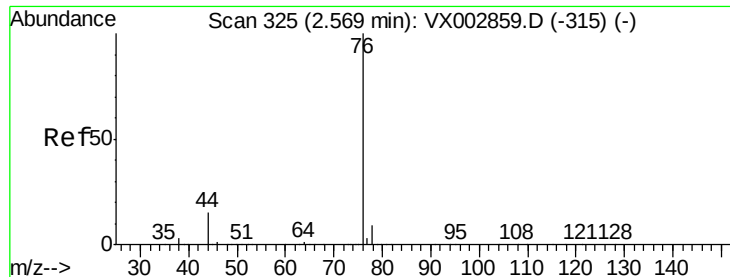
Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	43	Resp:	355616
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.1	33.1





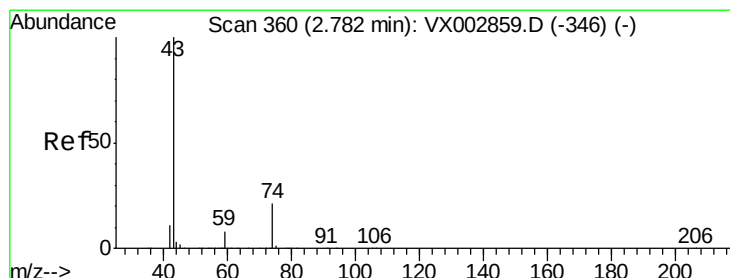
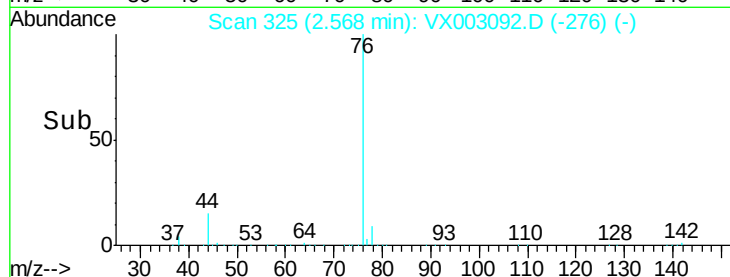
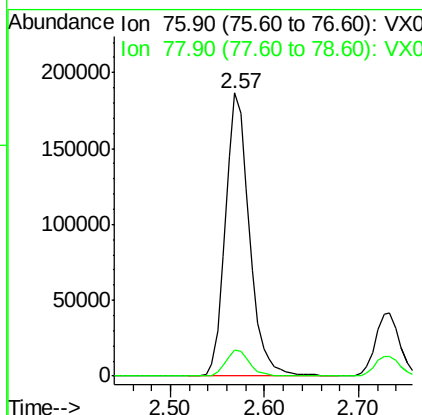
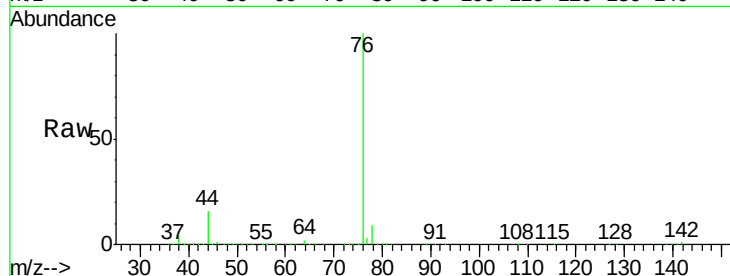
#17
Carbon Disulfide
Concen: 46.70 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

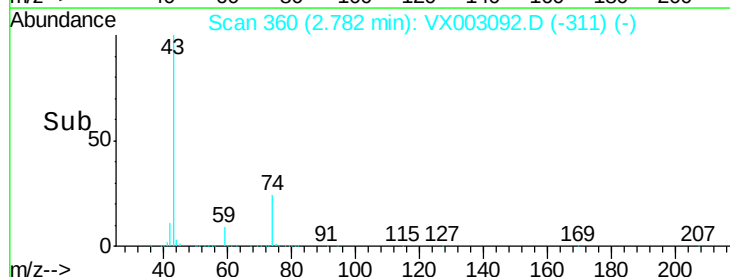
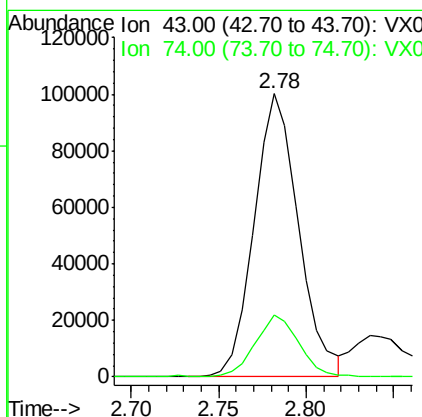
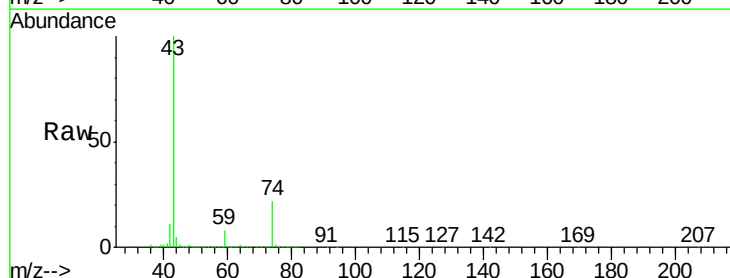
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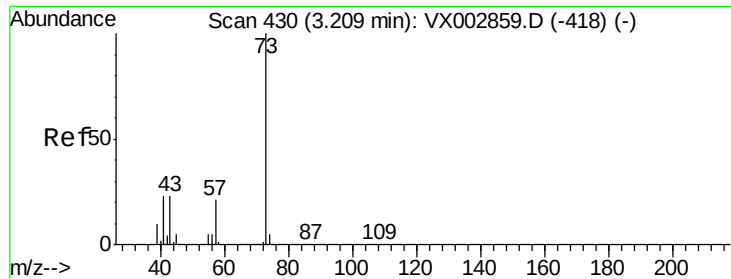
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#18
Methyl Acetate
Concen: 40.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.7	25.1





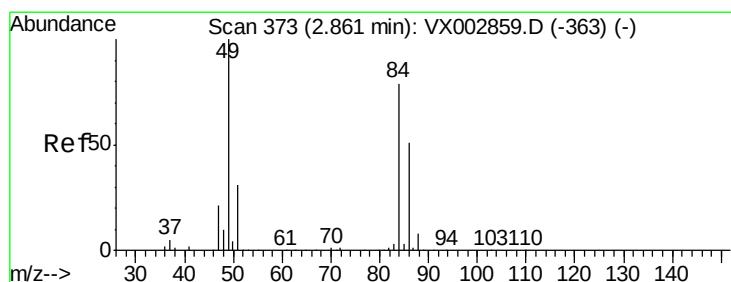
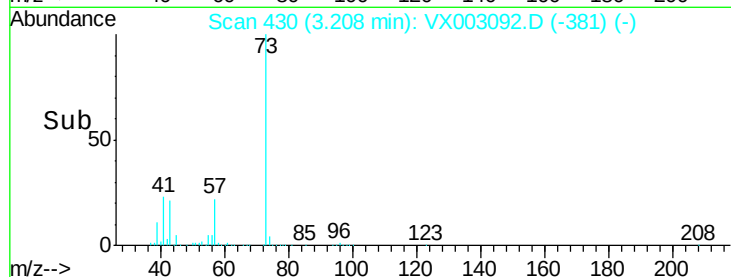
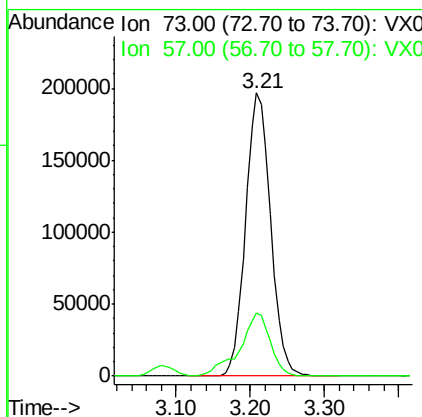
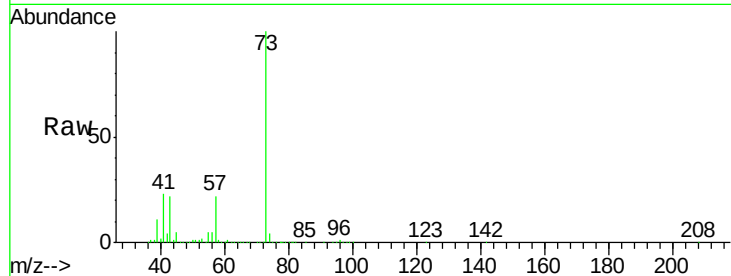
#19
Methyl tert-butyl Ether
Concen: 48.85 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion: 73 Resp: 465589
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

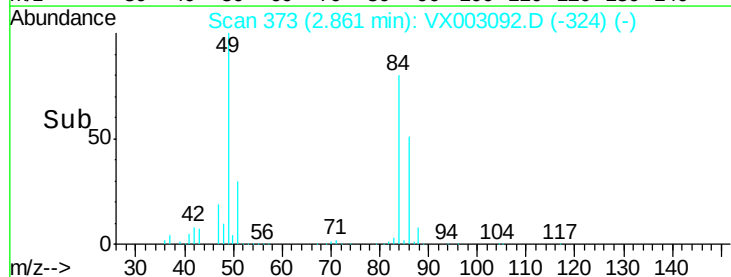
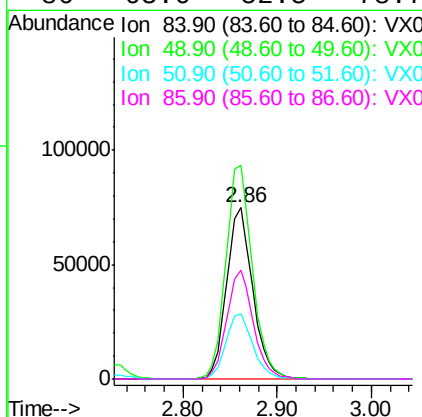
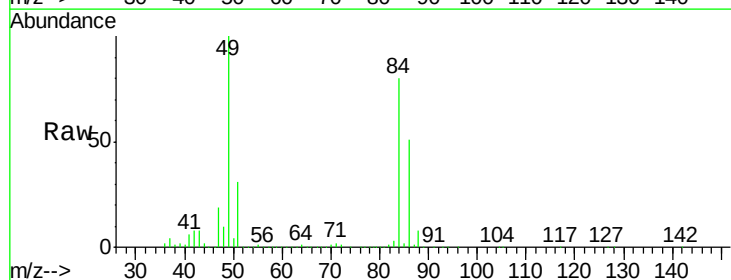
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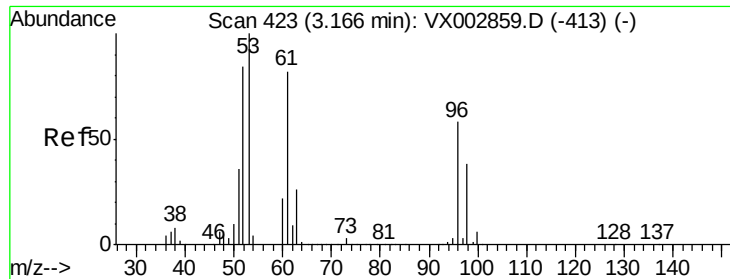
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#20
Methylene Chloride
Concen: 48.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 84 Resp: 144730
Ion Ratio Lower Upper
84 100
49 124.9 107.8 161.6
51 38.1 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.13 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

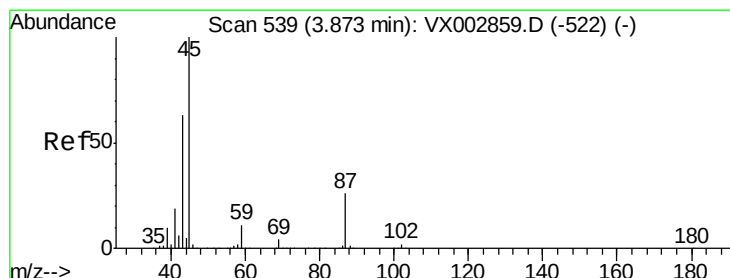
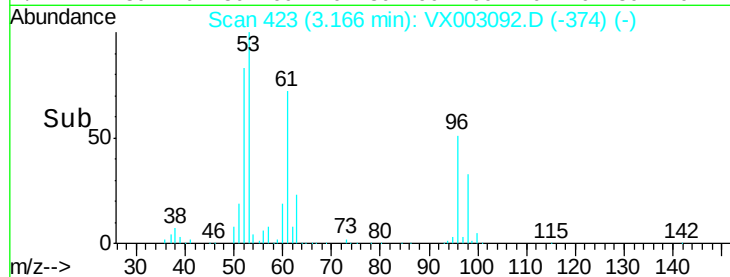
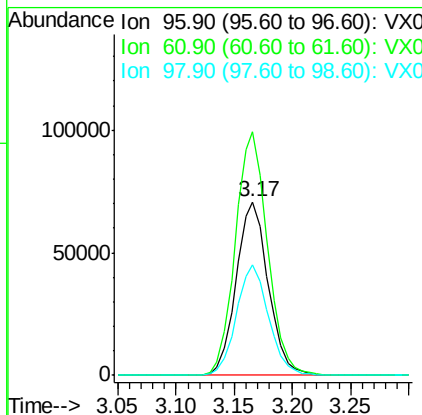
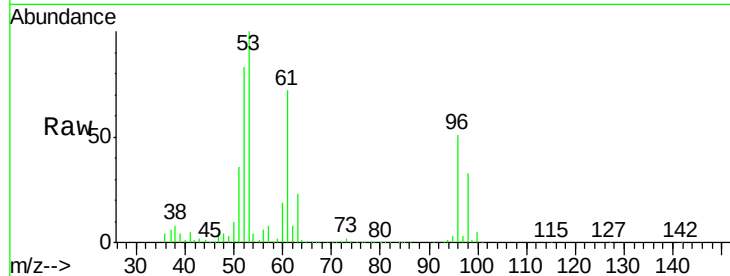
ClientSampled :

S22-0037MS

Tot Ion:	96	Resp:	136094
Ion	Ratio	Lower	Upper
96	100		
61	140.2	117.0	175.4
98	63.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.24 ug/l

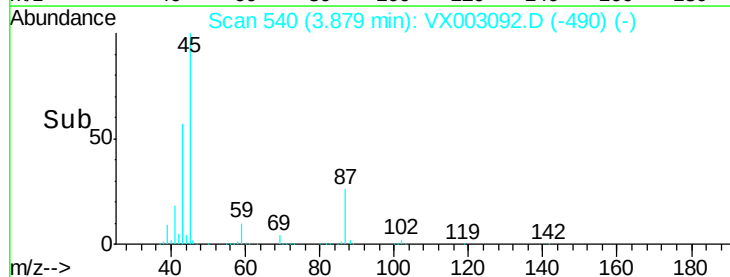
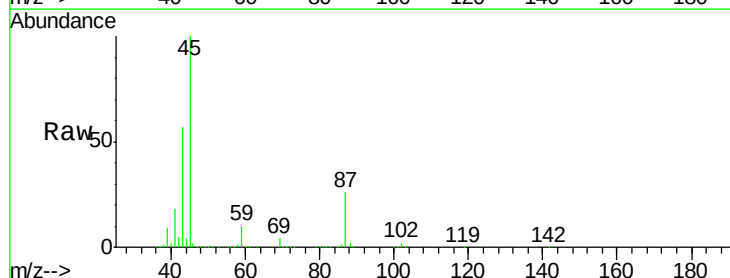
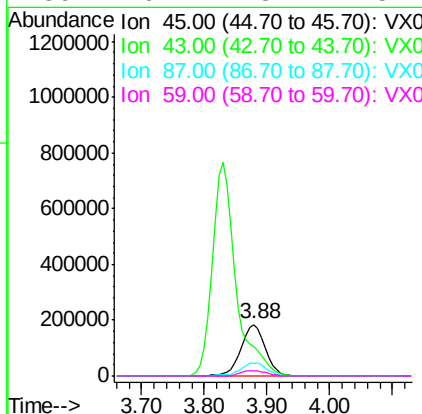
RT: 3.88 min Scan# 540

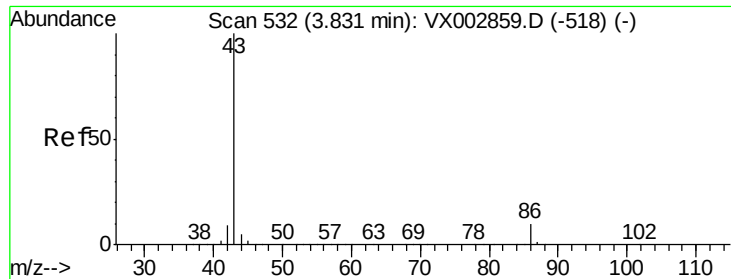
Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	45	Resp:	501841
Ion	Ratio	Lower	Upper
45	100		
43	56.6	46.8	70.2
87	26.3	20.2	30.4
59	10.4	8.7	13.1





#23

Vinyl Acetate

Concen: 234.86 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

Tot Ion: 43 Resp: 1986651

Ion Ratio Lower Upper

43 100

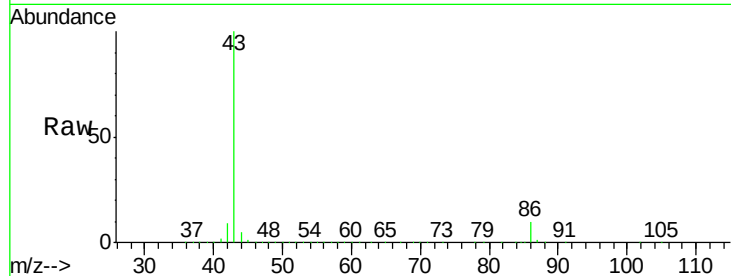
86 9.7 7.4 11.0

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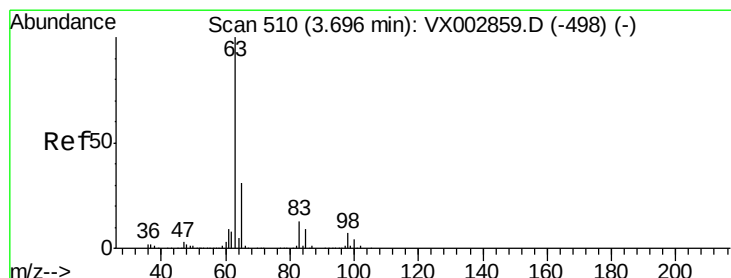
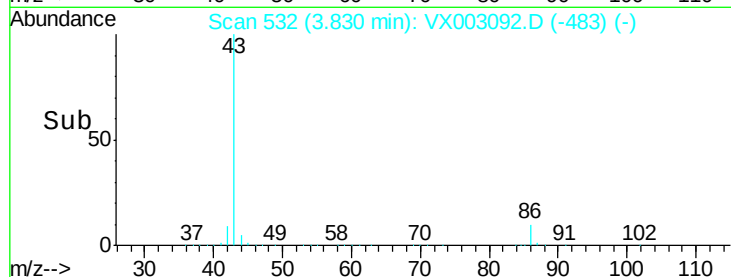
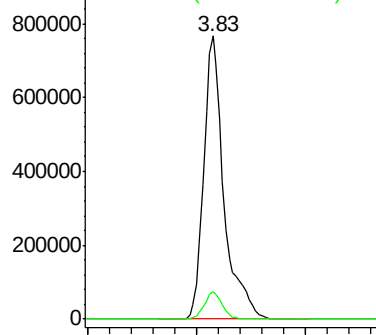
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.25 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

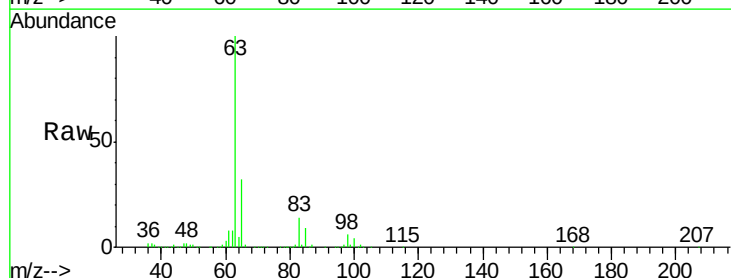
Tgt Ion: 63 Resp: 261993

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

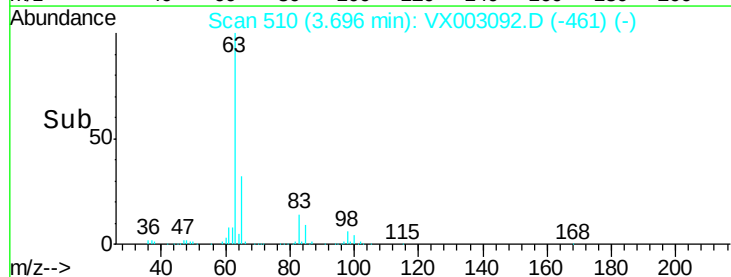
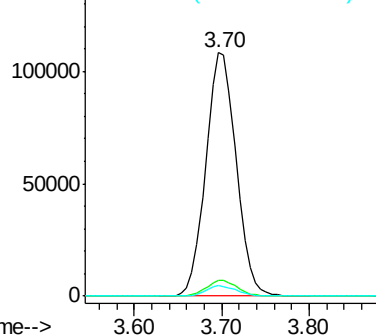
100 4.4 2.0 6.0

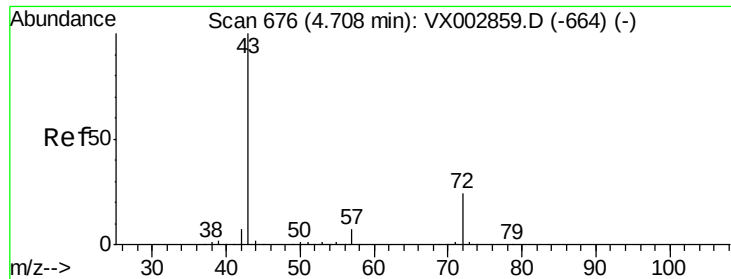


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 256.57 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

Tot Ion: 43 Resp: 585905

Ion Ratio Lower Upper

43 100

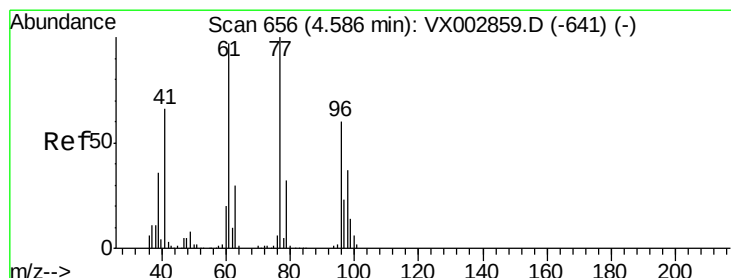
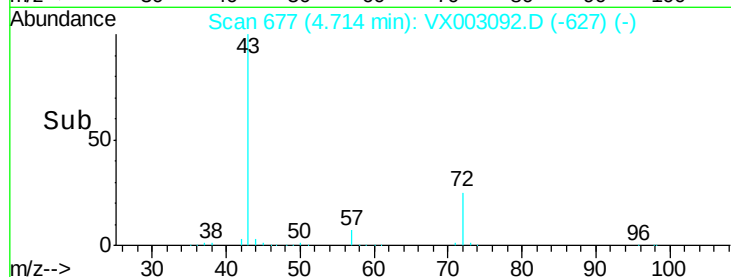
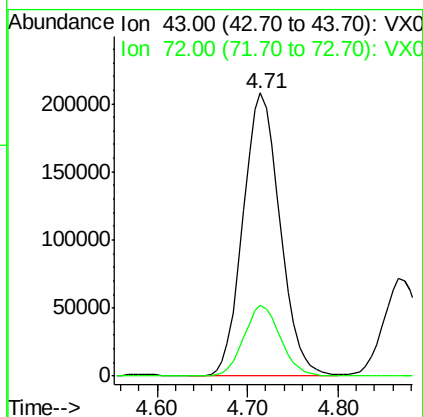
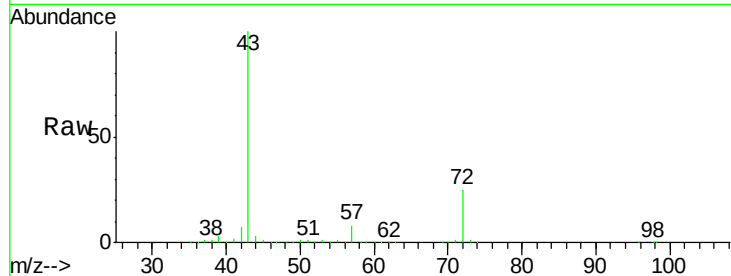
72 25.0 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 36.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003092.D

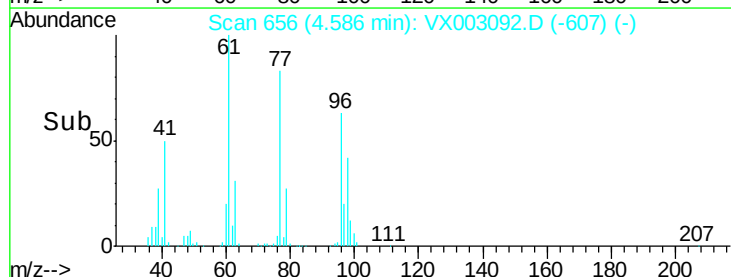
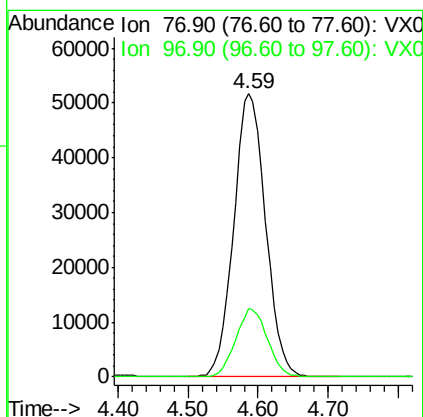
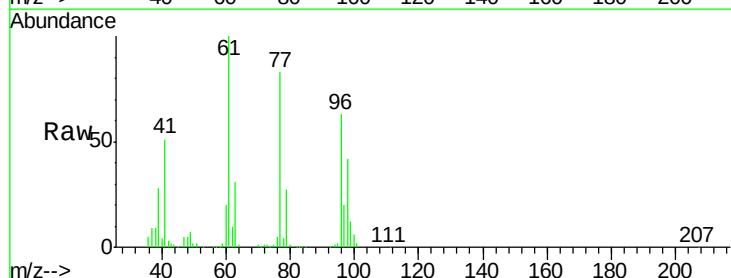
Acq: 30 Jun 2018 21:09

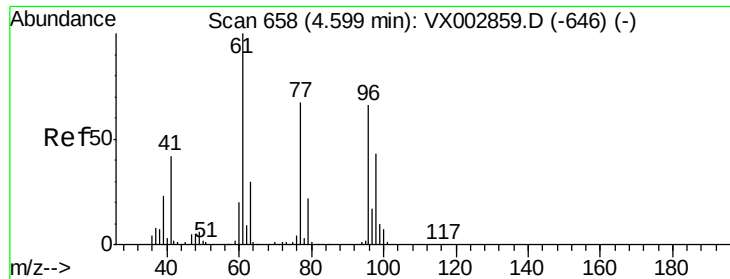
Tgt Ion: 77 Resp: 163295

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 50.97 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

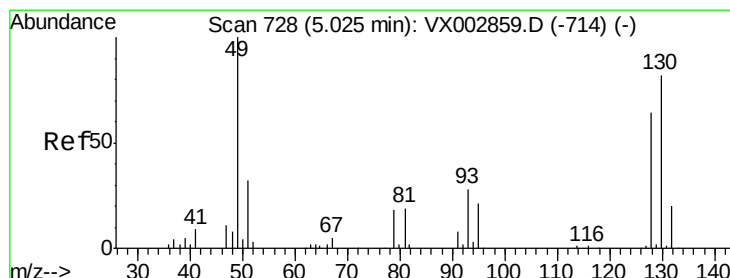
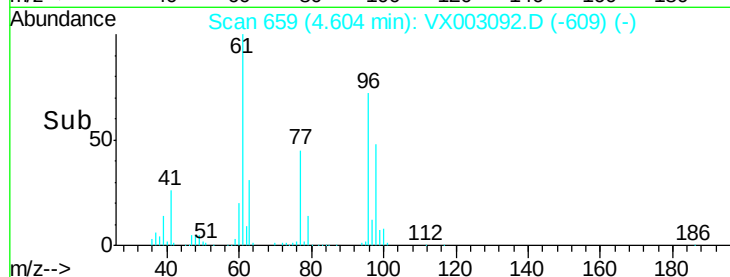
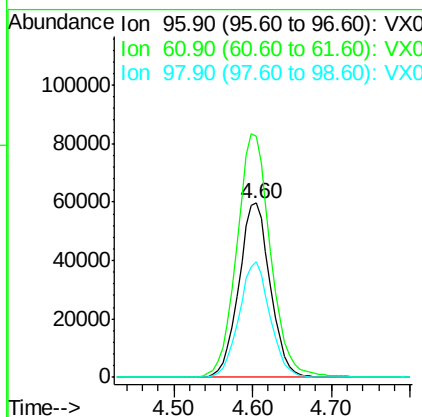
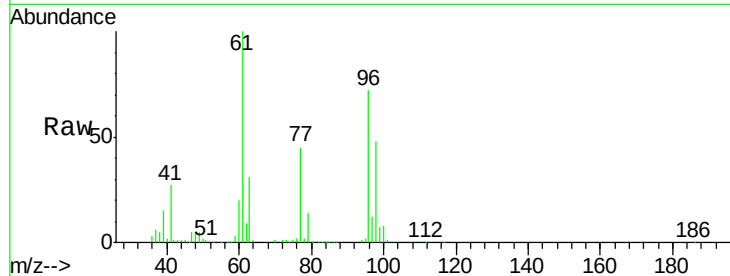
ClientSampled :

S22-0037MS

Tot Ion:	96	Resp:	165031
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	330.2
98	65.5	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 50.64 ug/l

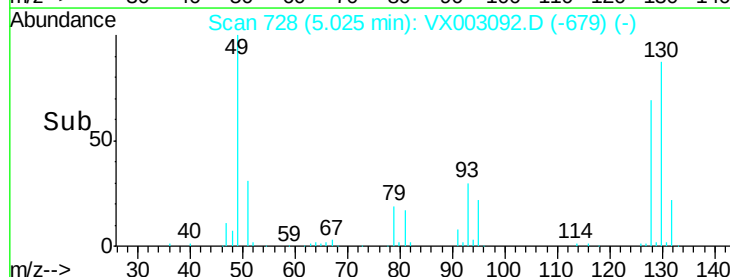
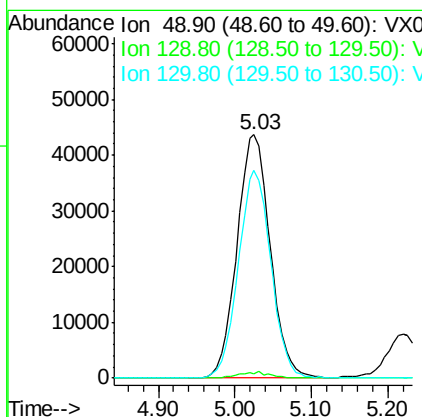
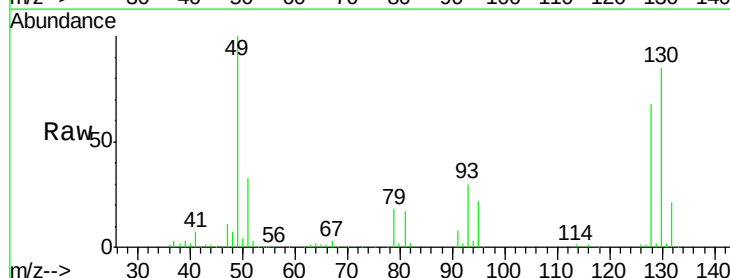
RT: 5.03 min Scan# 728

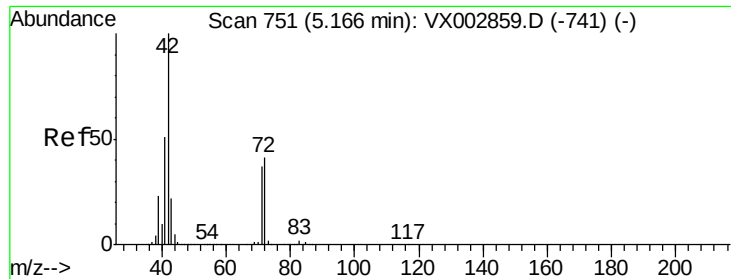
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	49	Resp:	131594
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.8	61.2	91.8





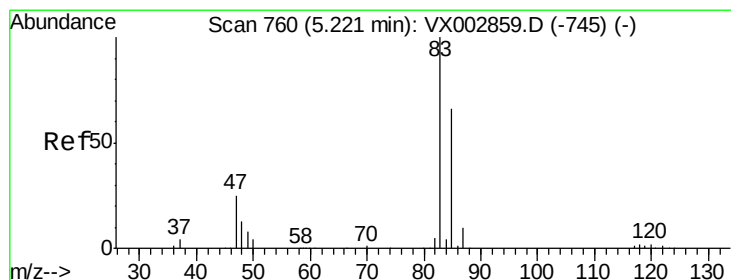
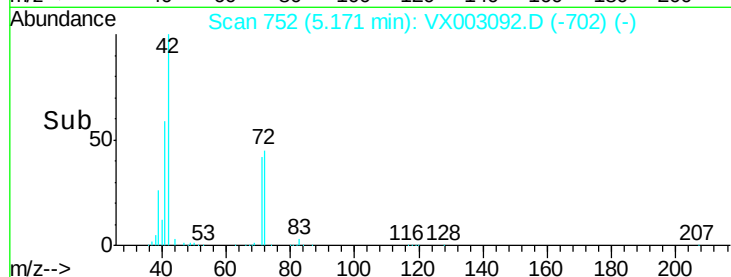
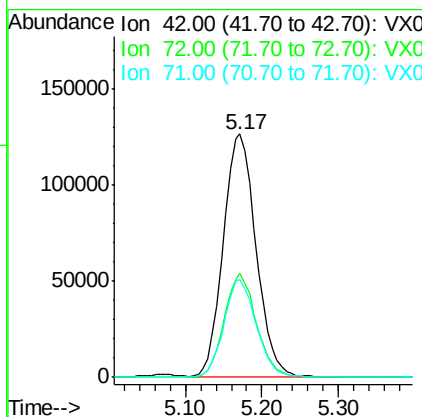
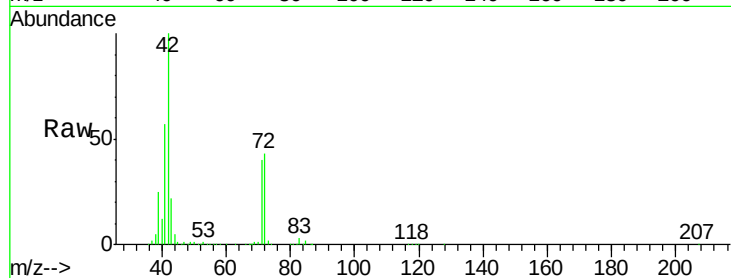
#29
Tetrahydrofuran
Concen: 255.70 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	40.0	30.1	45.1

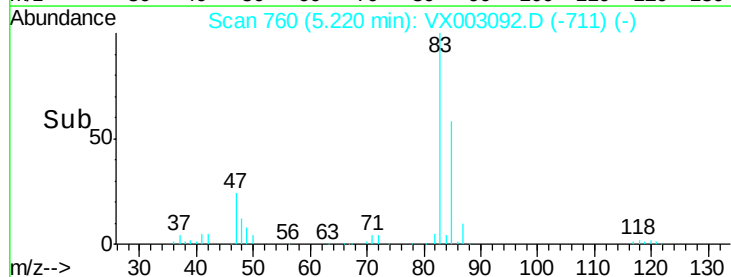
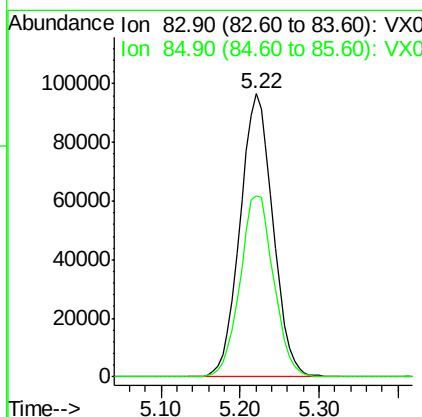
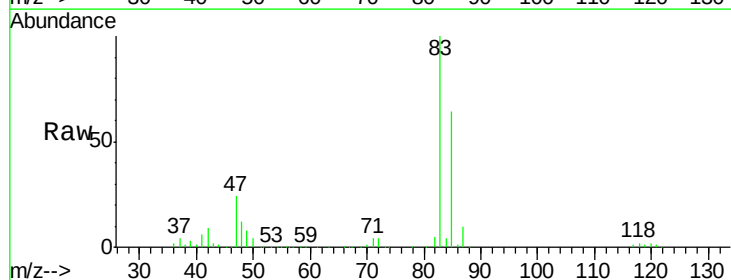
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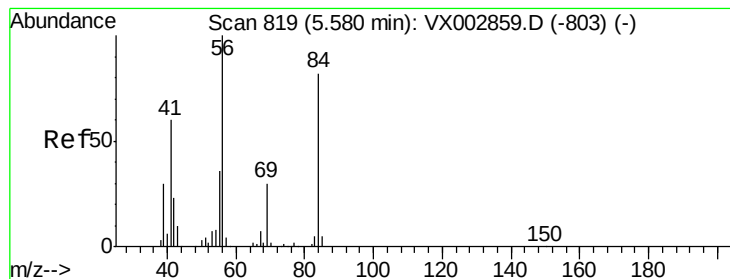
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#30
Chloroform
Concen: 50.25 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6





#31

Cyclohexane

Concen: 69.89 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

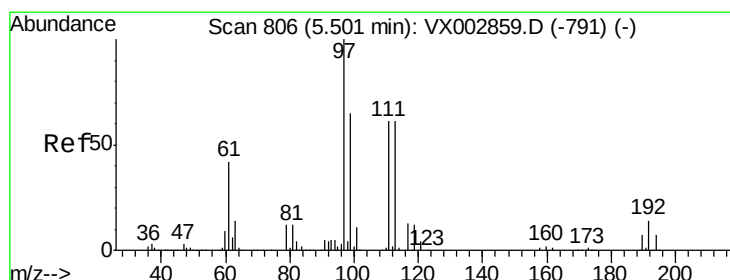
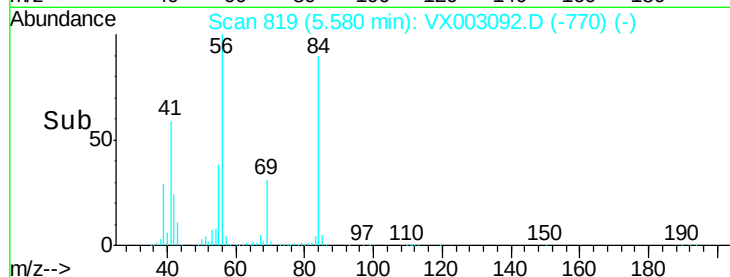
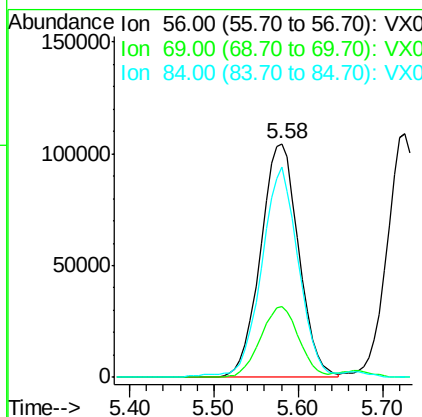
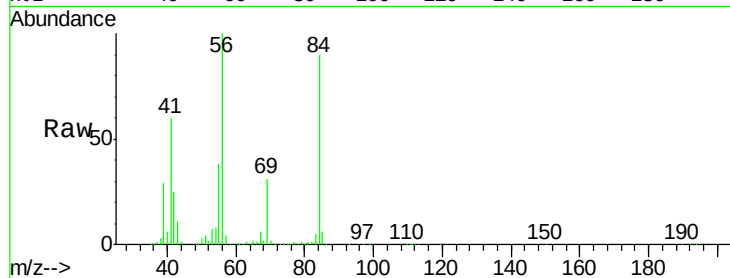
ClientSampled :

S22-0037MS

Tot Ion:	56	Resp:	325641
Ion Ratio	Lower	Upper	
56	100		
69	30.4	23.7	35.5
84	89.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.57 ug/l

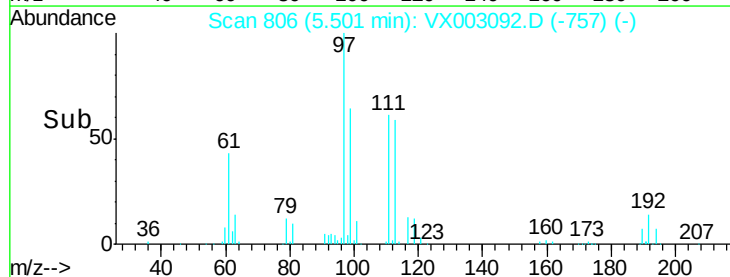
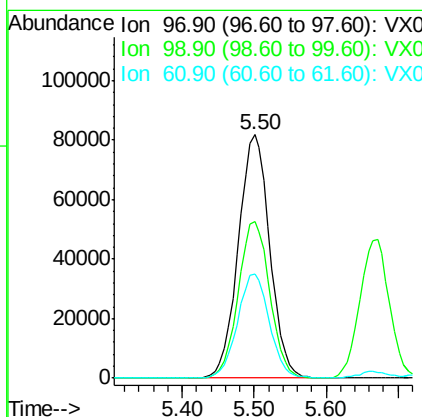
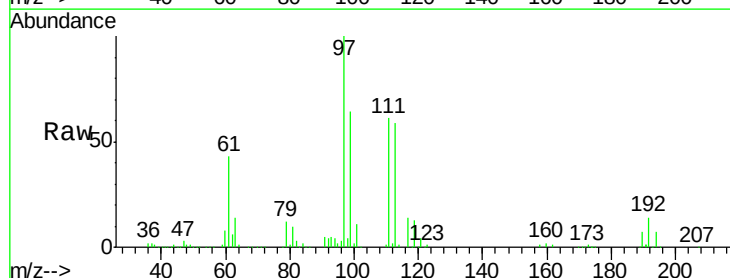
RT: 5.50 min Scan# 806

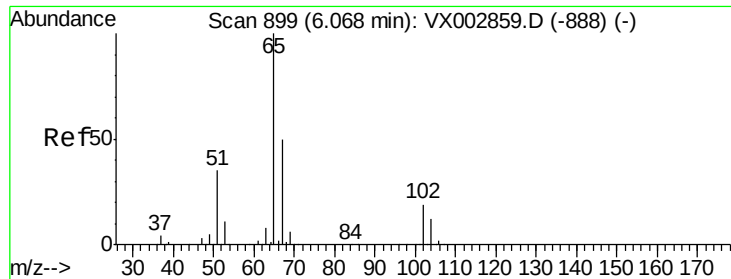
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	97	Resp:	247928
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.6	77.4
61	43.3	36.4	54.6





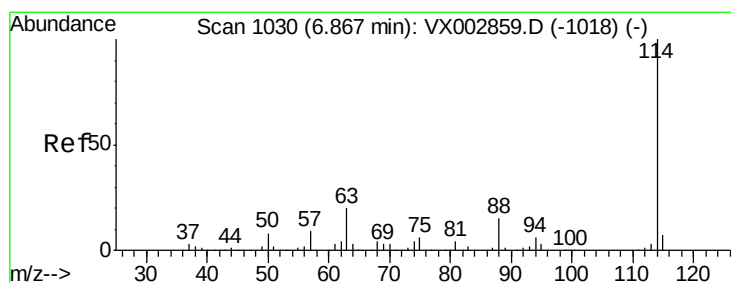
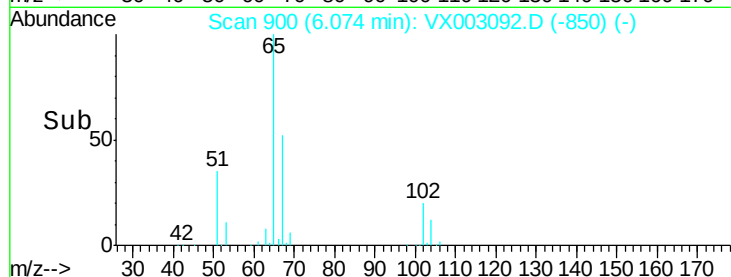
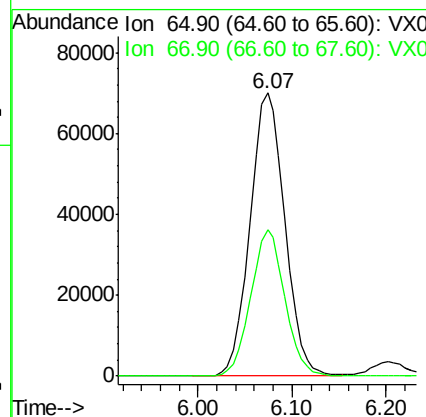
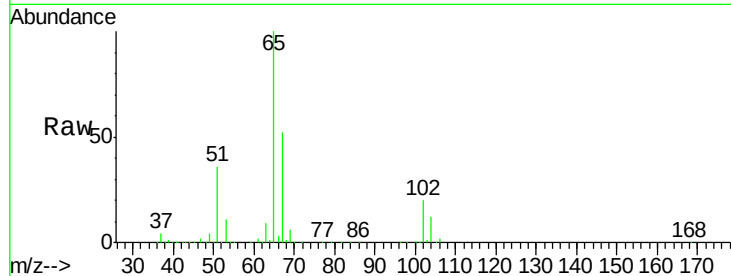
#33
 1,2-Dichloroethane-d4
 Concen: 48.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181439		
67	50.8	0.0	102.6	

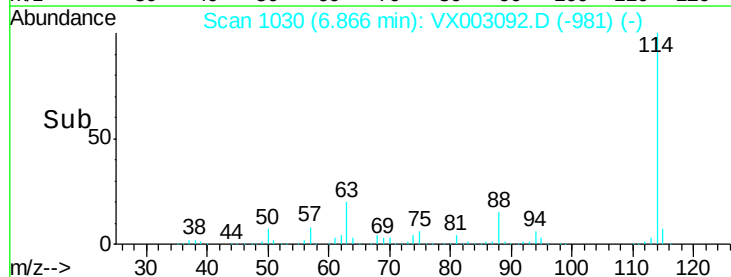
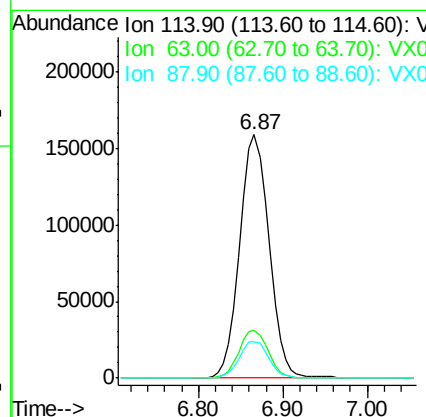
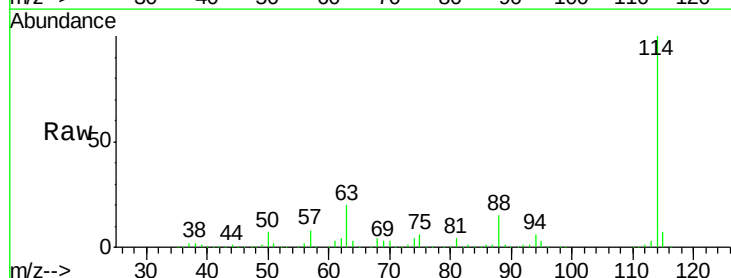
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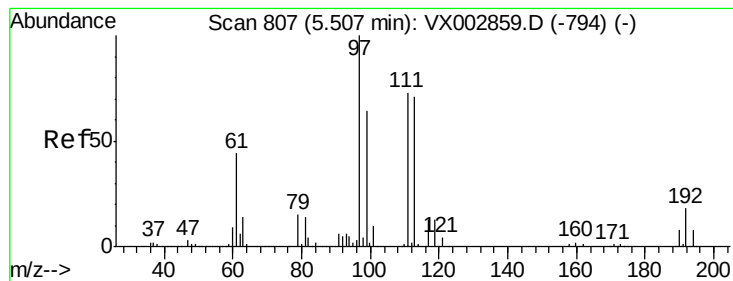
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375641		
63	19.6	0.0	41.4	
88	15.1	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

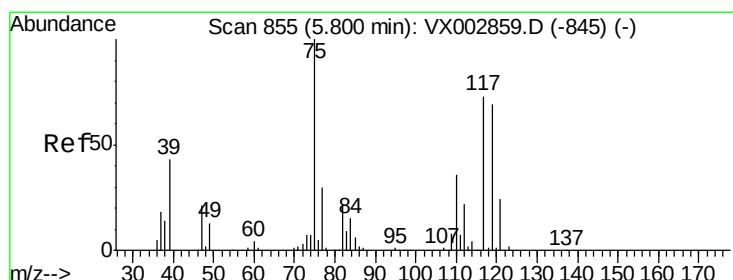
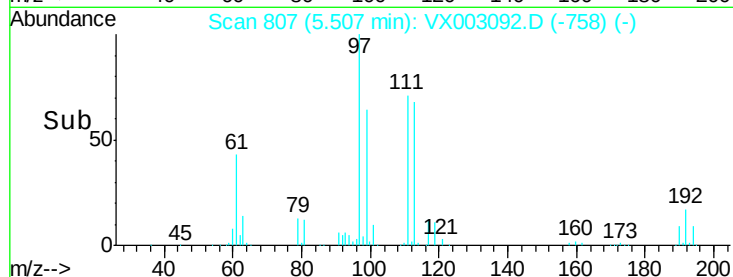
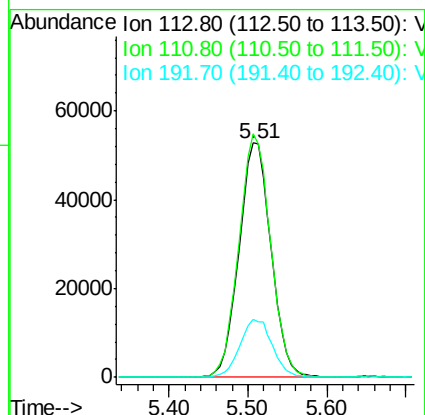
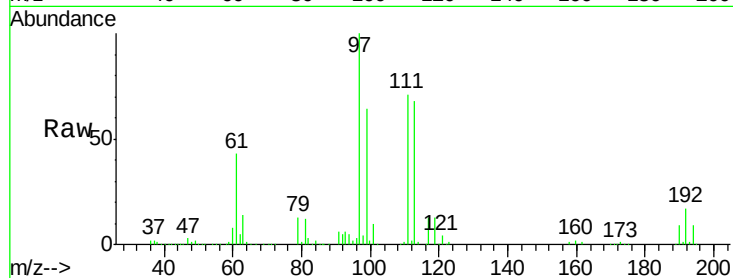
ClientSampled :

S22-0037MS

Tot Ion:	113	Resp:	149448
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	24.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.68 ug/l

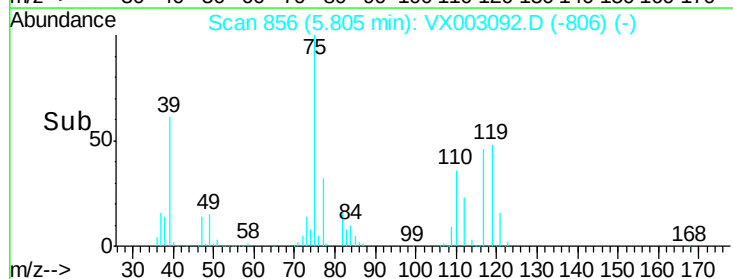
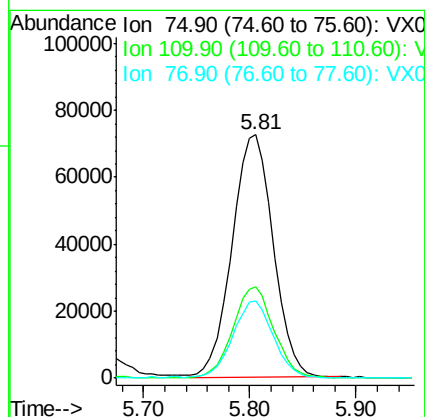
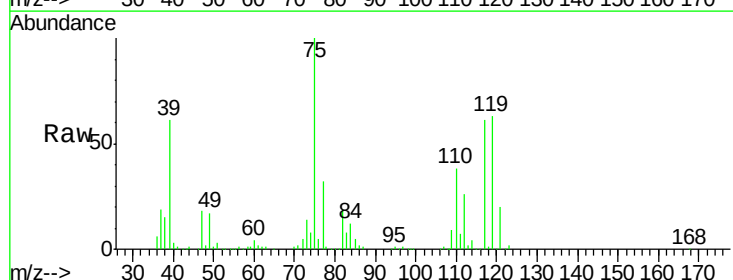
RT: 5.81 min Scan# 855

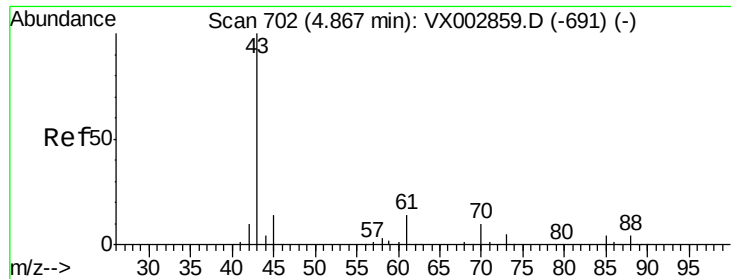
Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	75	Resp:	196401
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.4
77	30.7	24.3	36.5





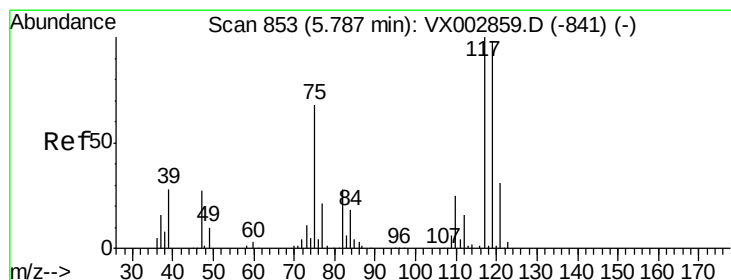
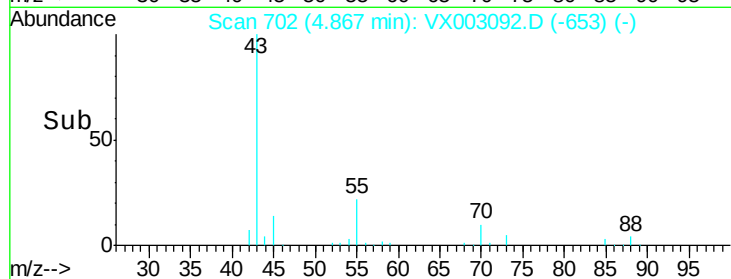
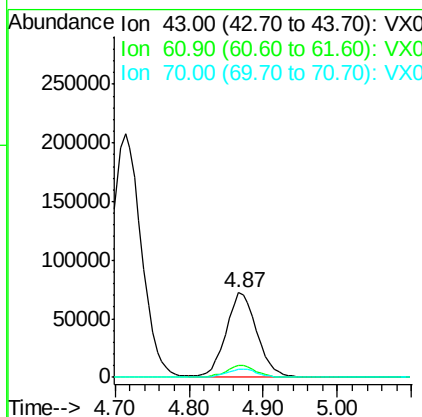
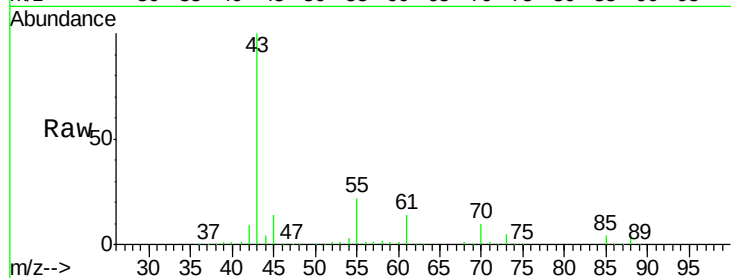
#37
Ethyl Acetate
Concen: 47.09 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion:	43	Resp:	208876
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.1	7.6	11.4

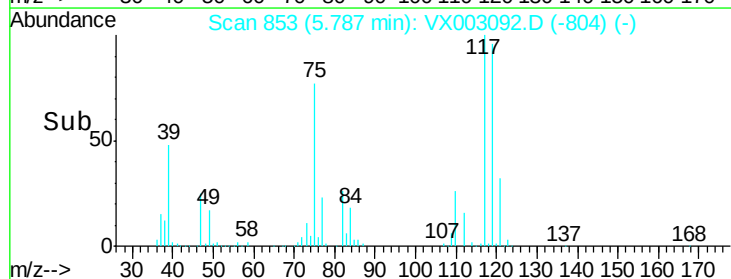
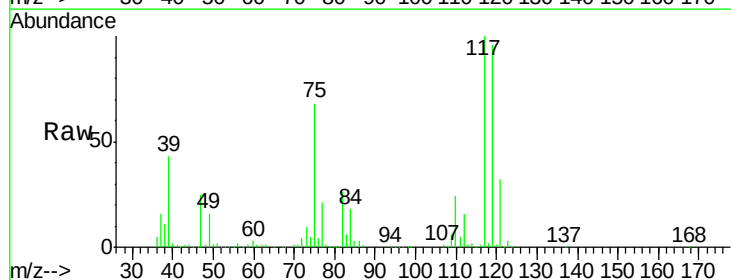
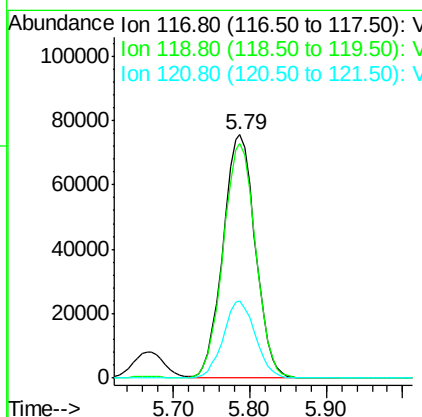
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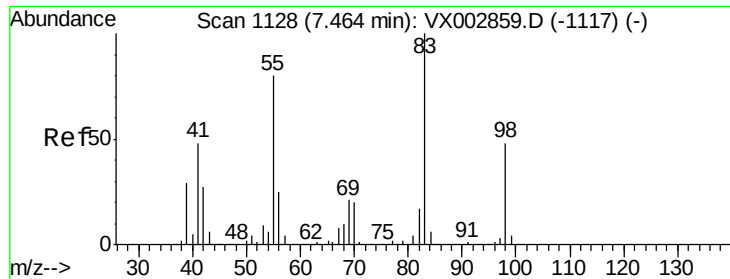
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#38
Carbon Tetrachloride
Concen: 48.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion:	117	Resp:	220917
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.4	116.0
121	31.8	24.4	36.6





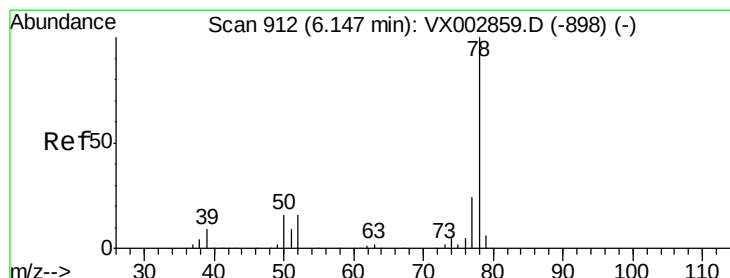
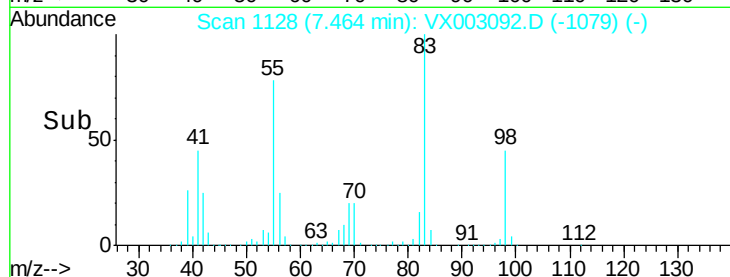
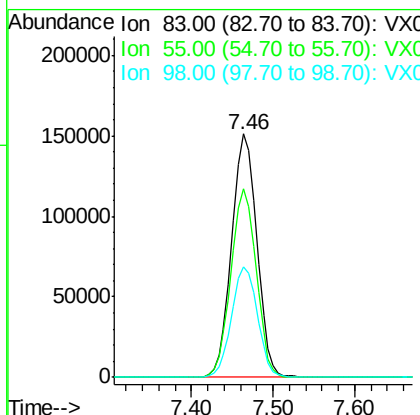
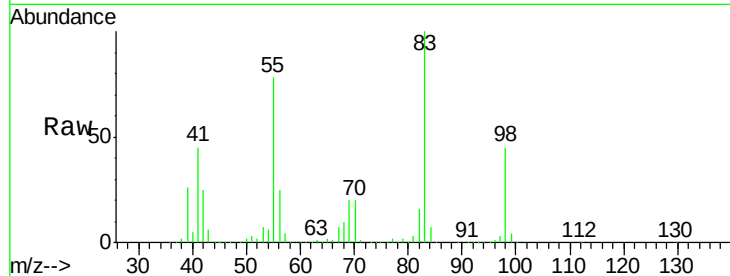
#39
Methylvlcyclohexane
Concen: 67.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.6	65.4	98.0	
98	45.2	37.4	56.0	

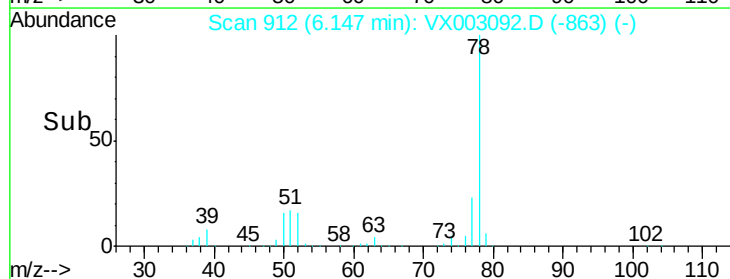
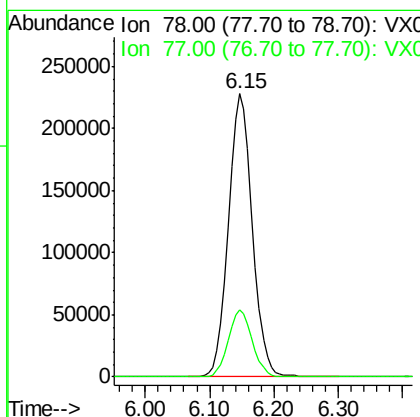
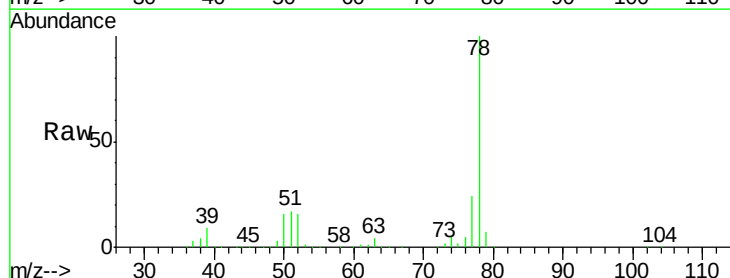
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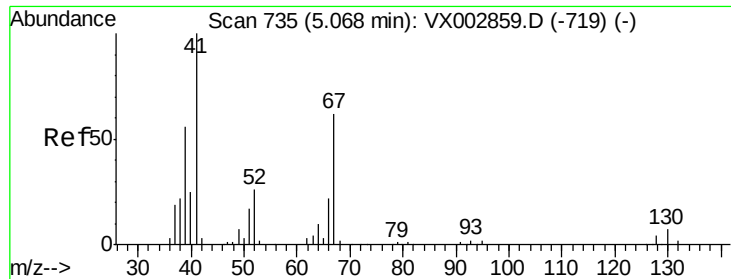
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#40
Benzene
Concen: 49.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	19.1	28.7	





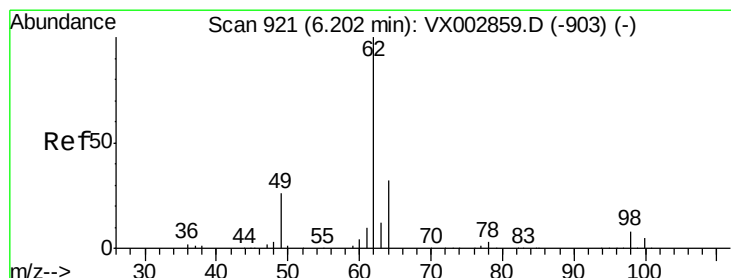
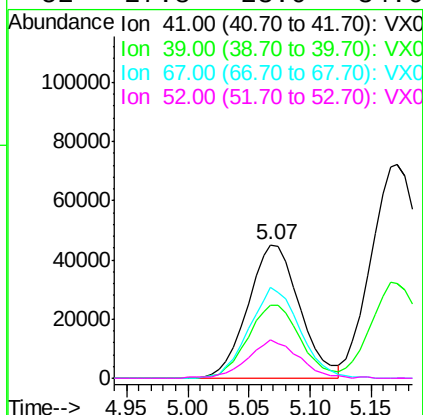
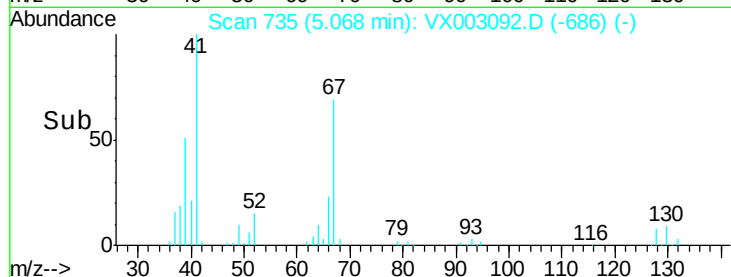
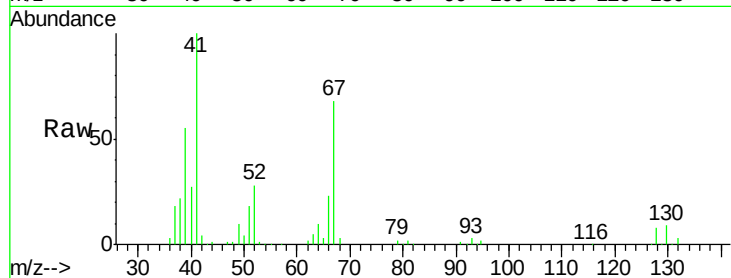
#41
Methacrylonitrile
Concen: 51.58 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.8	68.6	
67	67.3	51.3	76.9	
52	27.8	23.0	34.6	

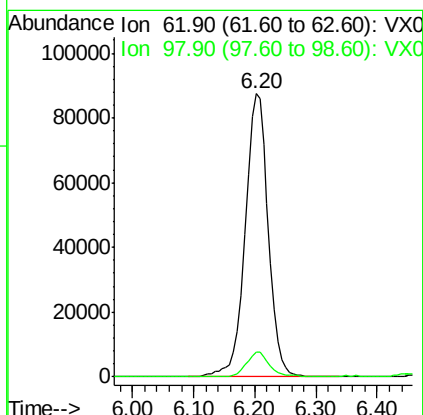
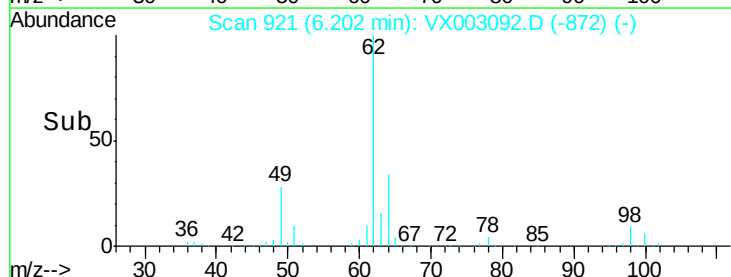
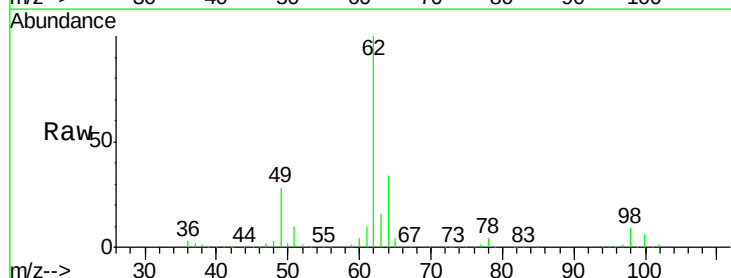
Manual Integrations
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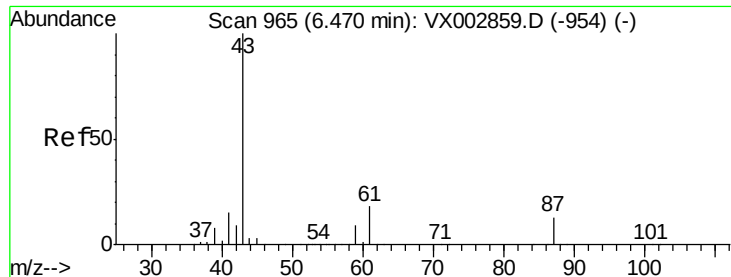
apatel
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#42
1,2-Dichloroethane
Concen: 47.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	16.6	





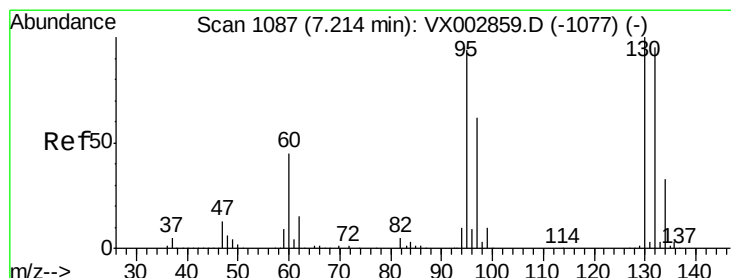
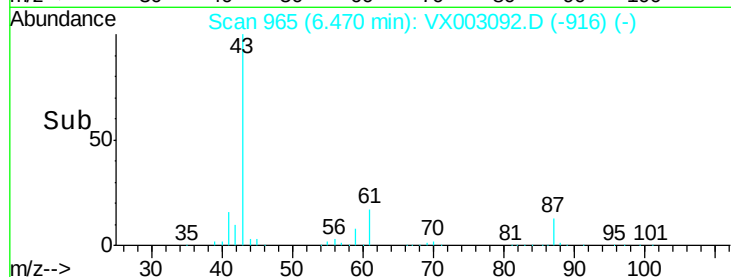
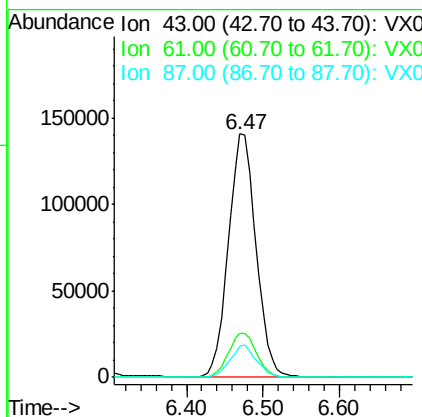
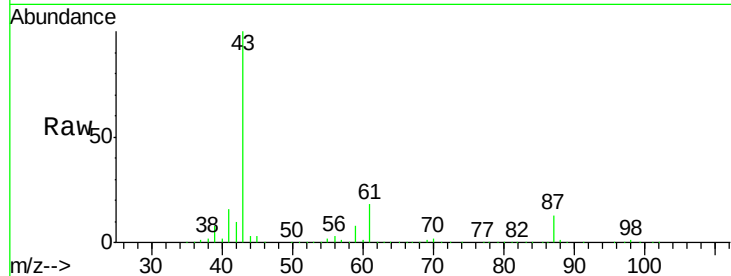
#43
Isopropyl Acetate
Concen: 46.96 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.7	9.5	14.3

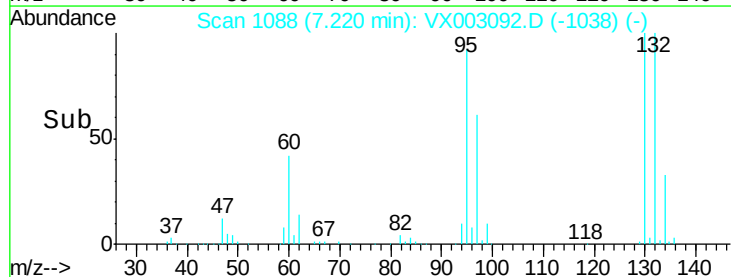
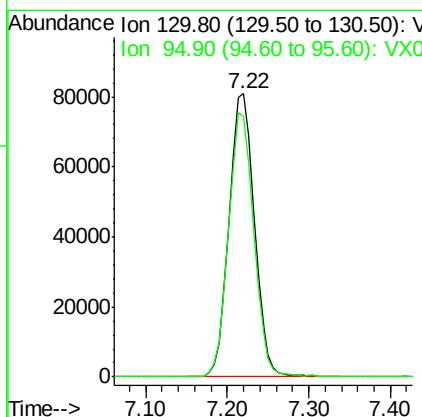
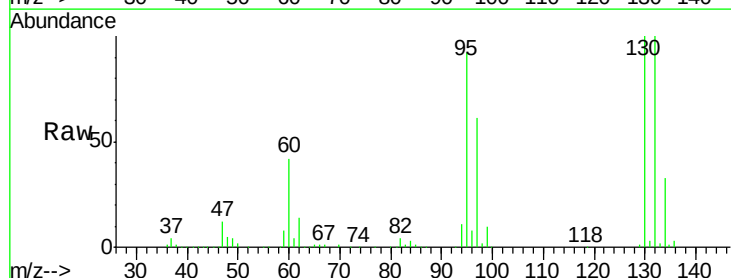
Manual Integrations
APPROVED

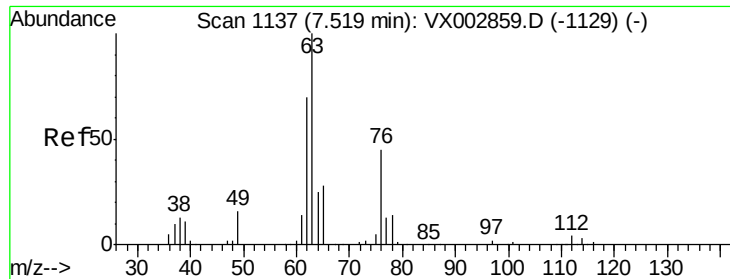
apatel
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#44
Trichloroethene
Concen: 48.66 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	185.4





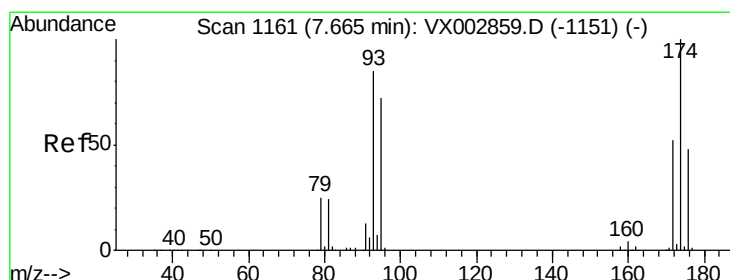
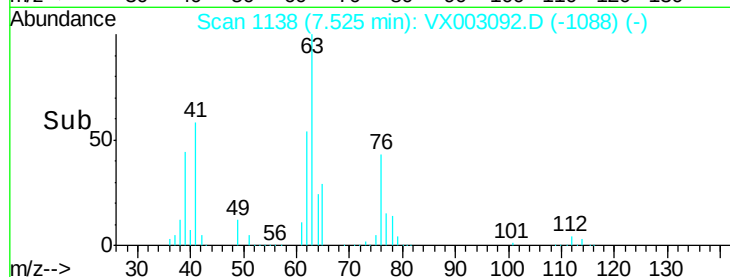
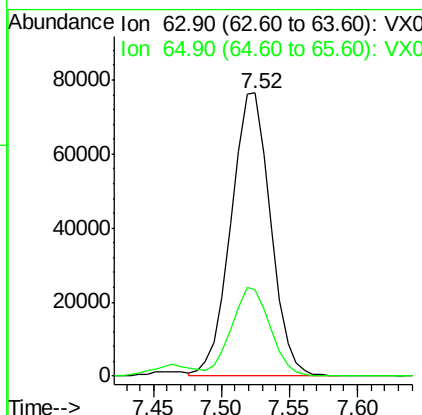
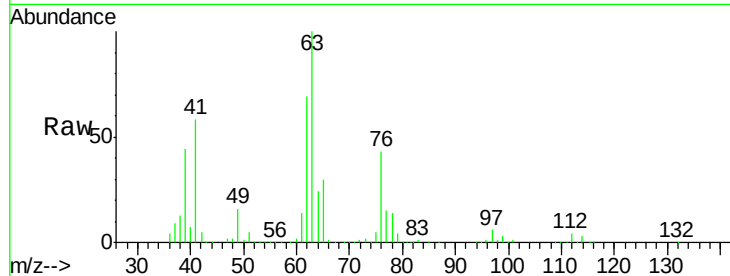
#45
 1,2-Dichloropropane
 Concen: 48.66 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MS

Tot Ion: 63 Resp: 154484
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

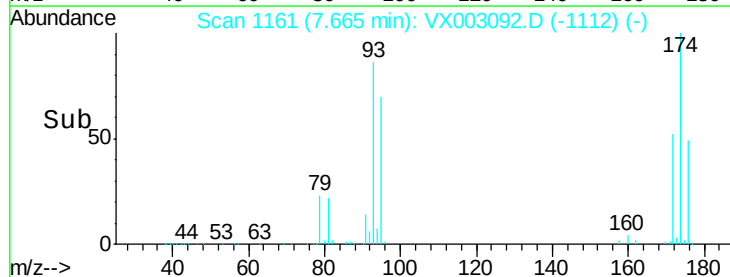
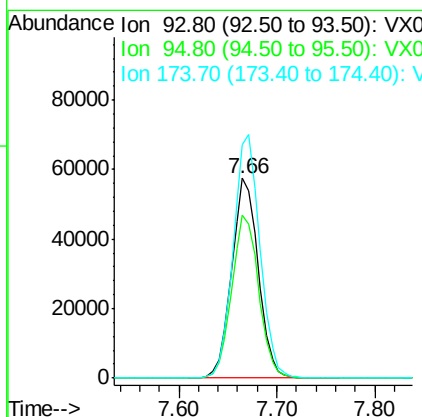
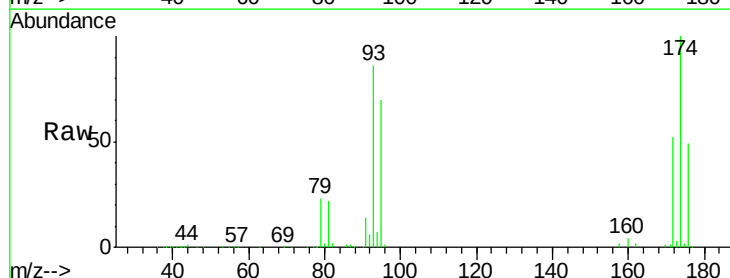
Manual Integrations
 APPROVED

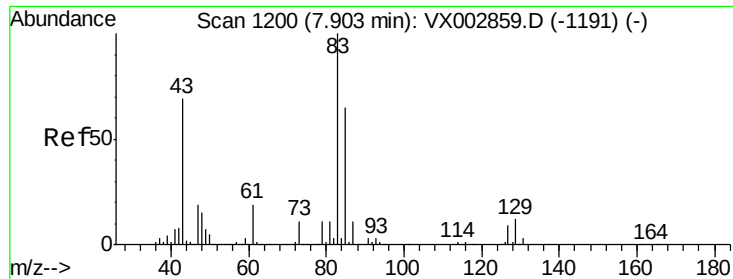
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#46
 Dibromomethane
 Concen: 49.22 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 93 Resp: 108446
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 122.4 92.4 138.6





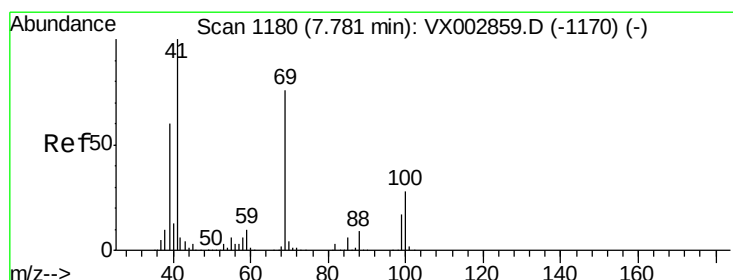
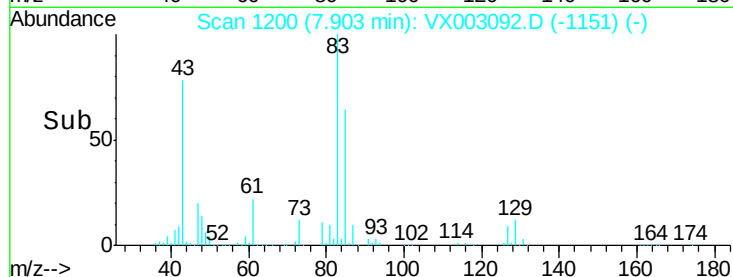
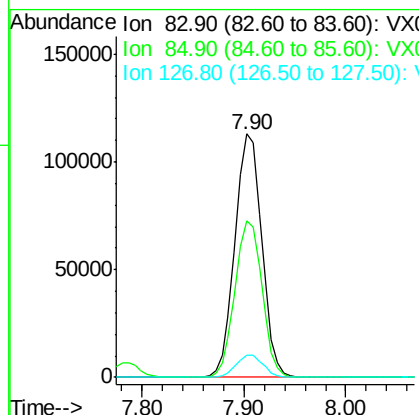
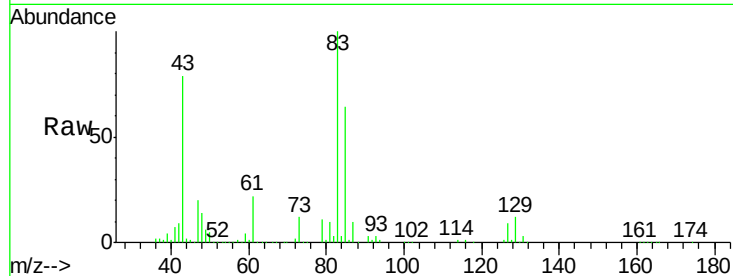
#47
Bromodichloromethane
Concen: 50.48 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	205642		
85	64.4	50.3	75.5	
127	9.3	7.0	10.4	

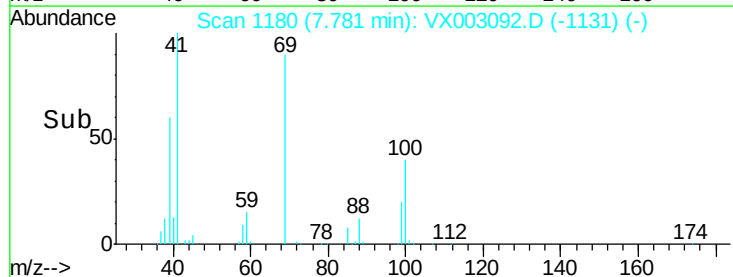
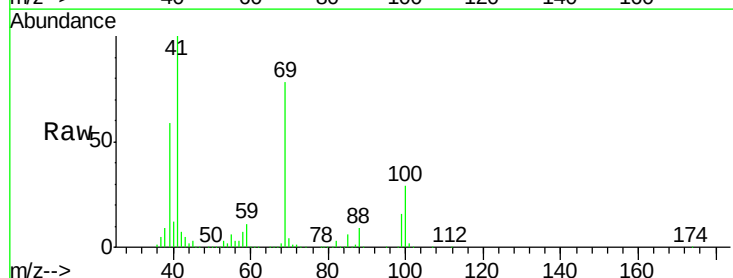
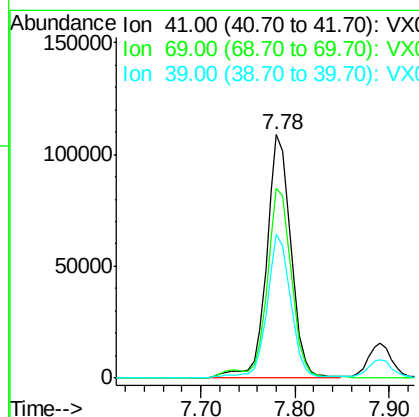
Manual Integrations
APPROVED

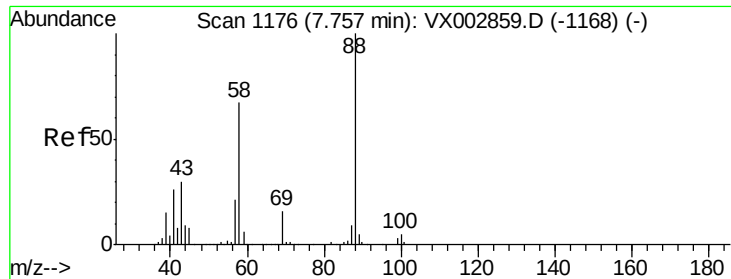
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#48
Methyl methacrylate
Concen: 51.26 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	196456		
69	75.2	59.1	88.7	
39	57.8	48.9	73.3	





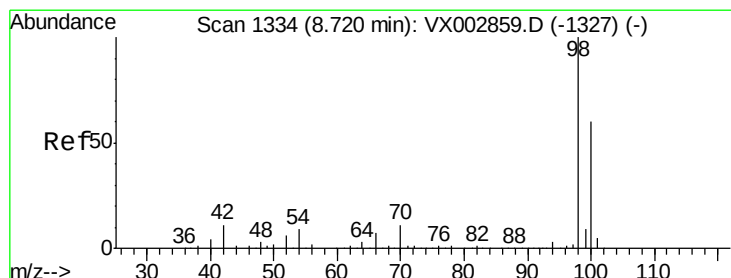
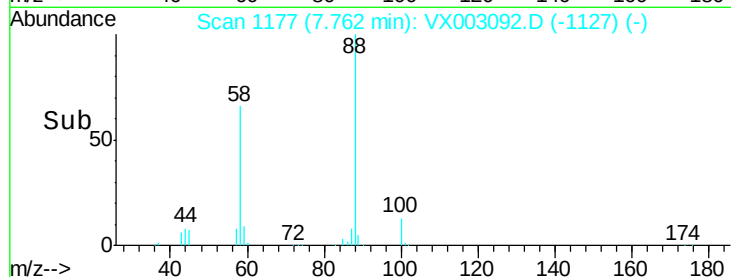
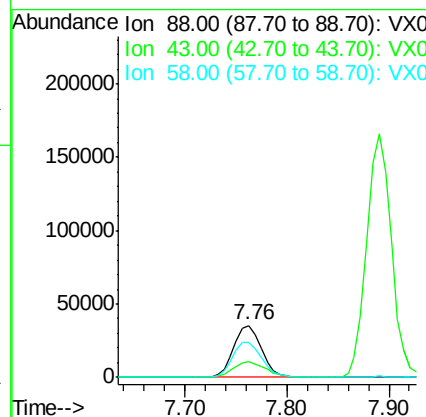
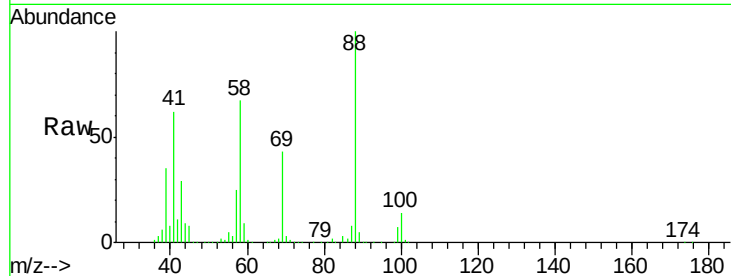
#49
1,4-Dioxane
Concen: 896.95 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	29.8	44.6
58	70.3	57.1	85.7

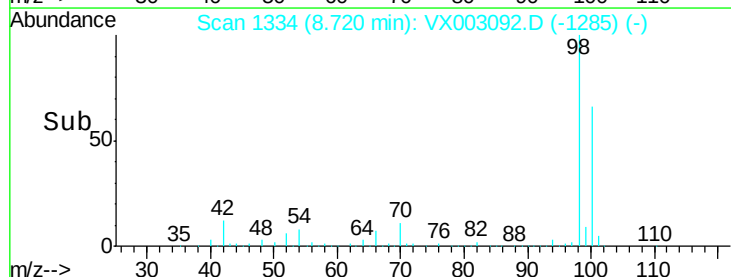
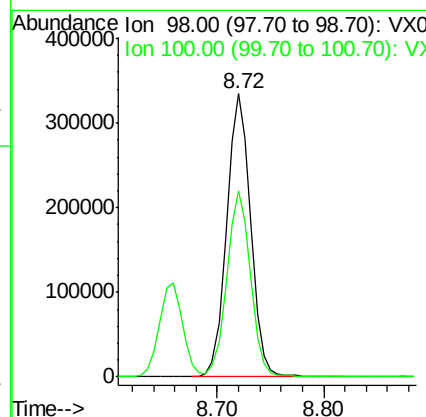
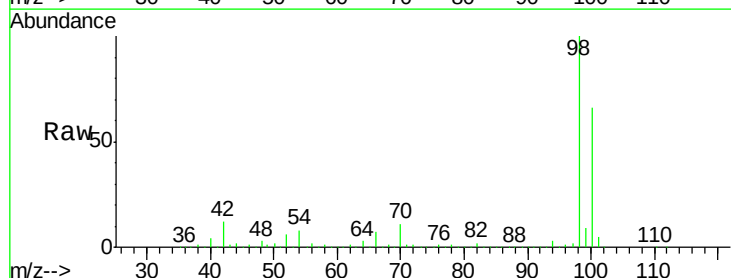
Manual Integrations
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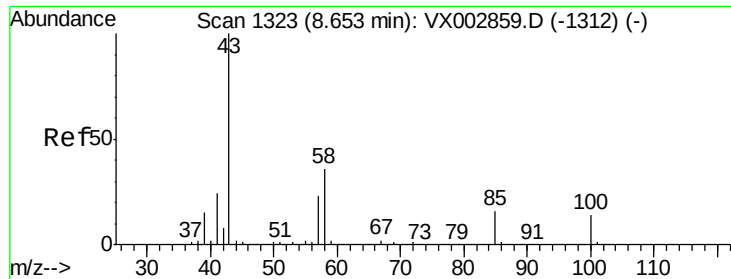
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#50
Toluene-d8
Concen: 48.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.9	76.3





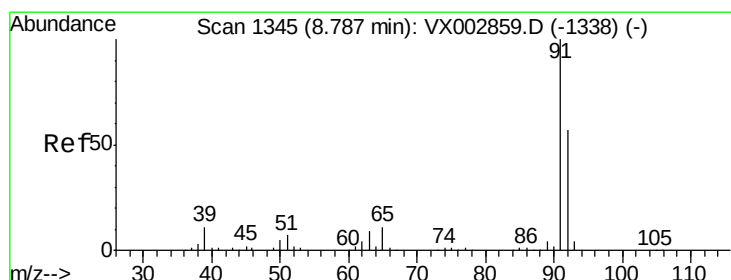
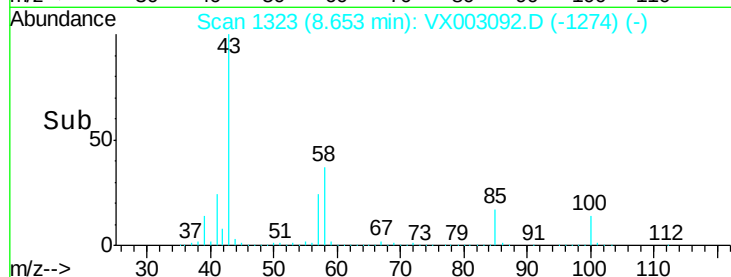
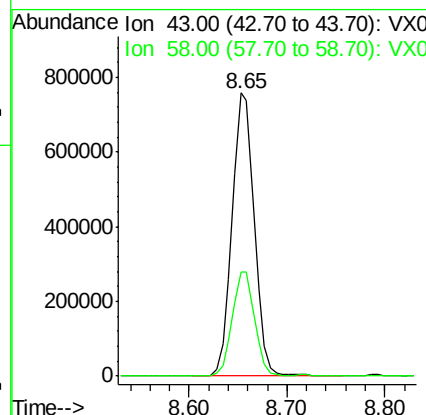
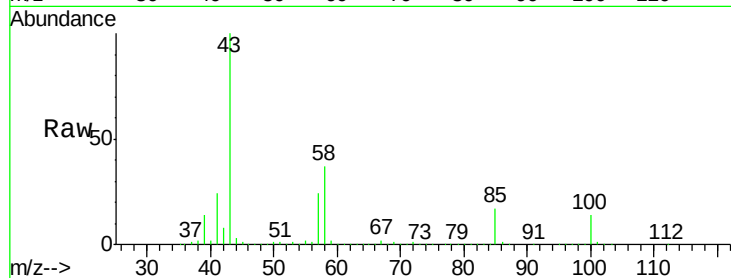
#51
4-Methyl-2-Pentanone
Concen: 256.47 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion: 43 Resp: 1193619
Ion Ratio Lower Upper
43 100
58 37.0 28.6 42.8

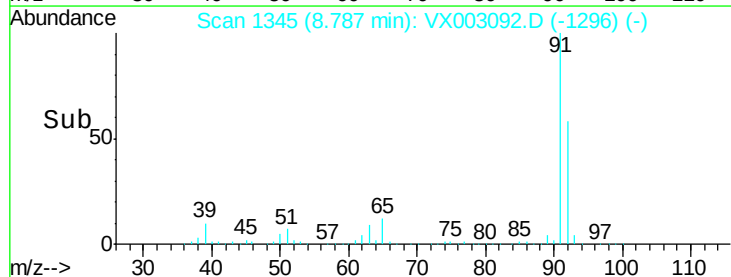
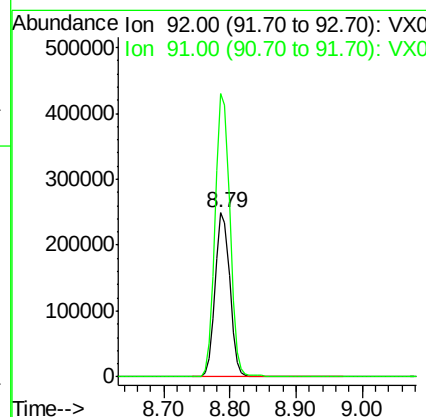
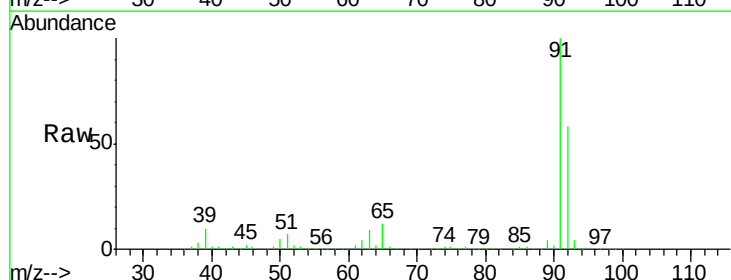
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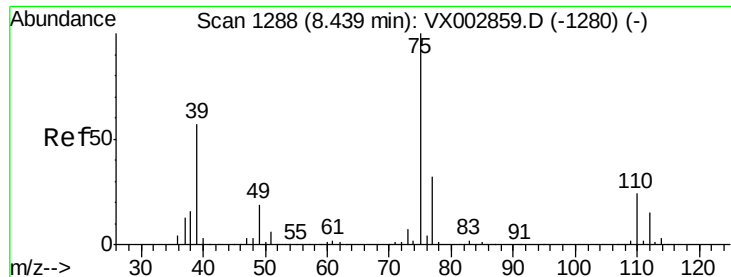
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#52
Toluene
Concen: 50.04 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 92 Resp: 383716
Ion Ratio Lower Upper
92 100
91 174.2 140.4 210.6





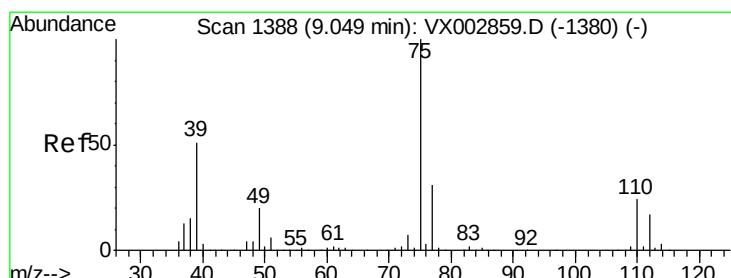
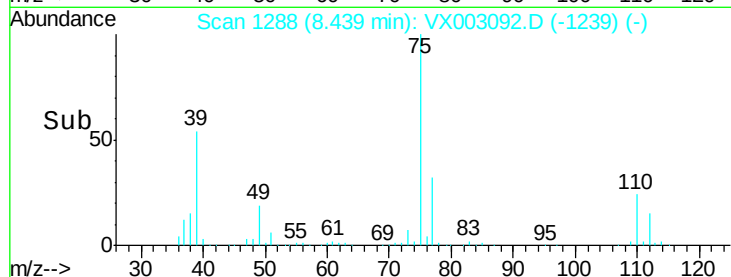
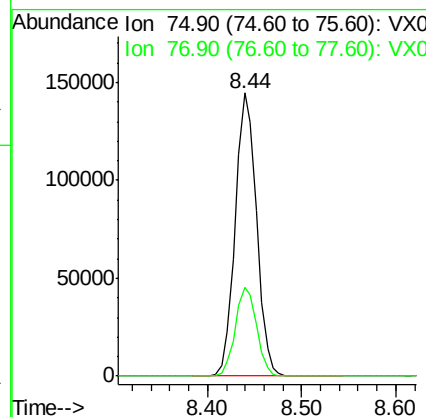
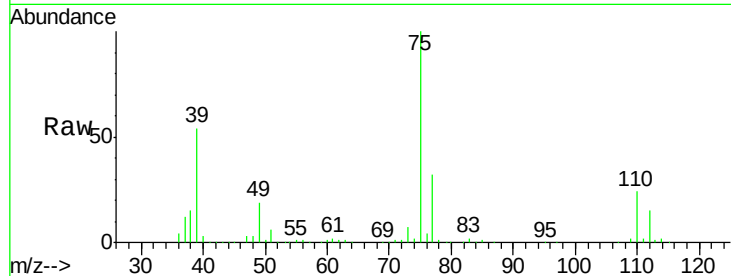
#53
t-1,3-Dichloropropene
Concen: 49.27 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

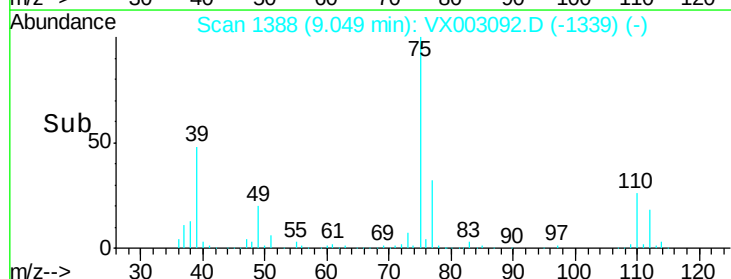
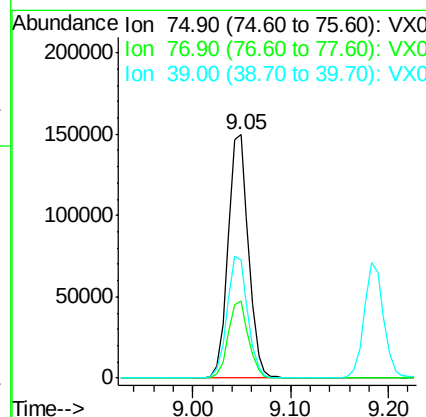
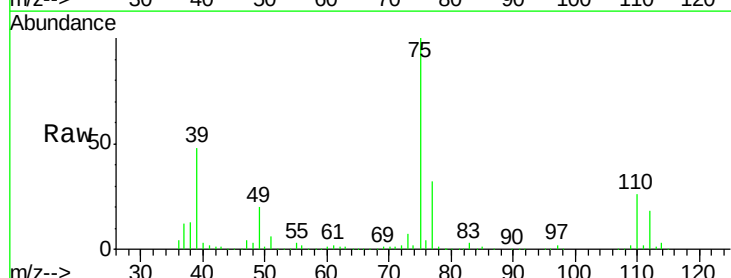
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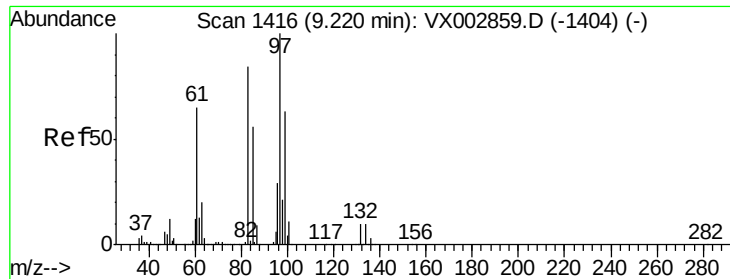
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#54
cis-1,3-Dichloropropene
Concen: 48.54 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.8	37.2
39	48.3	42.4	63.6





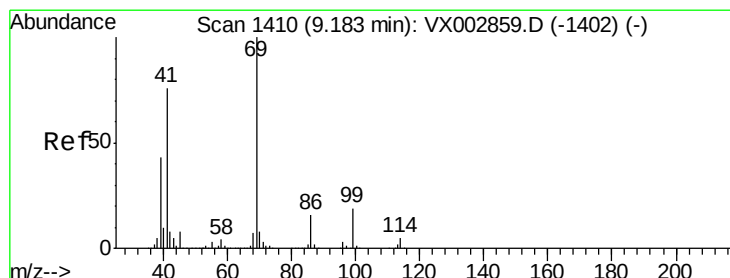
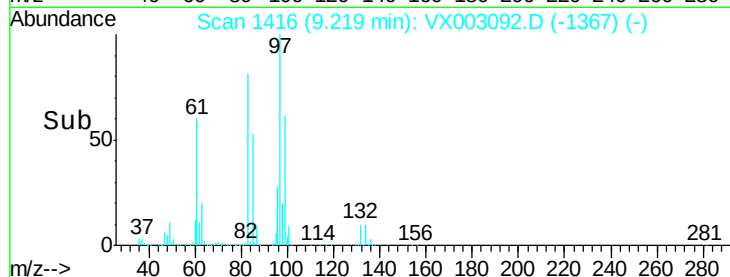
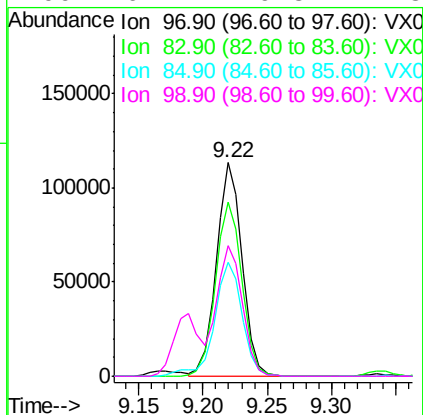
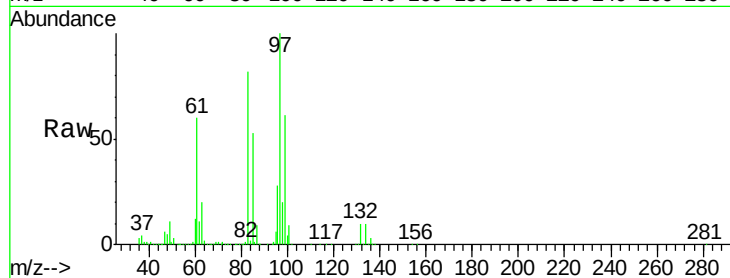
#55
 1,1,2-Trichloroethane
 Concen: 50.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion:	97	Resp:	159024
Ion	Ratio	Lower	Upper
97	100		
83	81.7	70.2	105.2
85	53.3	44.9	67.3
99	61.2	49.8	74.8

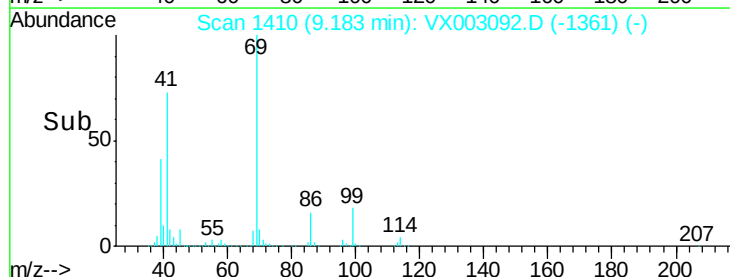
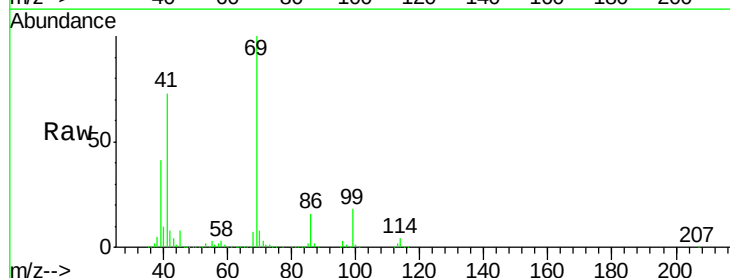
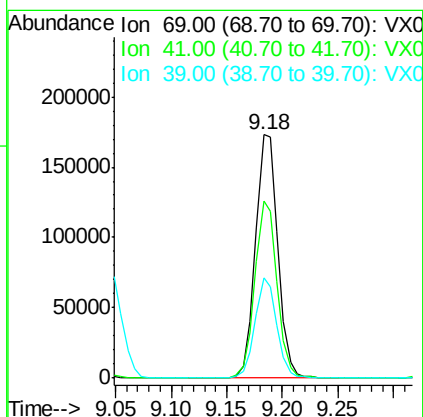
Manual Integrations
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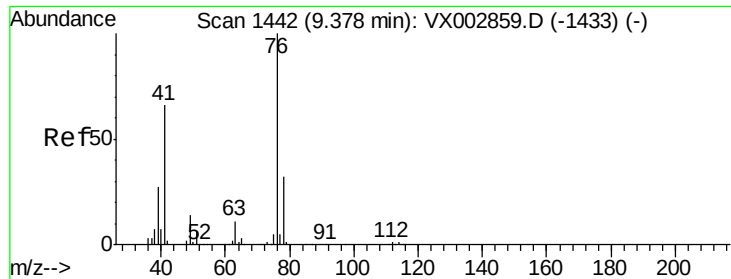
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#56
 Ethyl methacrylate
 Concen: 52.82 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion:	69	Resp:	243246
Ion	Ratio	Lower	Upper
69	100		
41	71.9	60.3	90.5
39	39.9	35.8	53.8





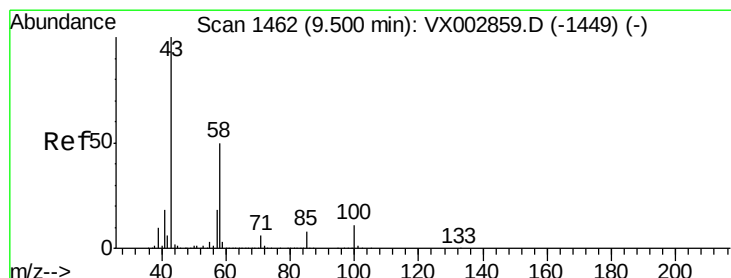
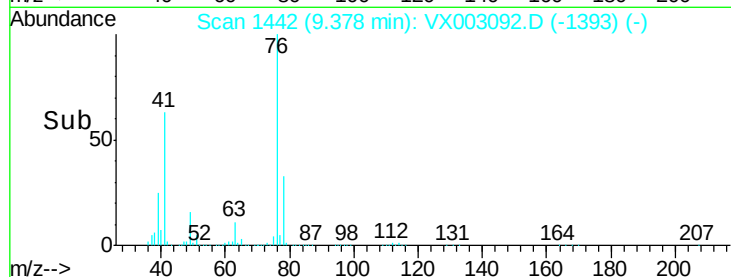
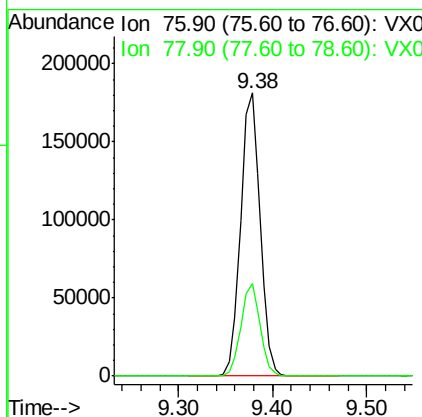
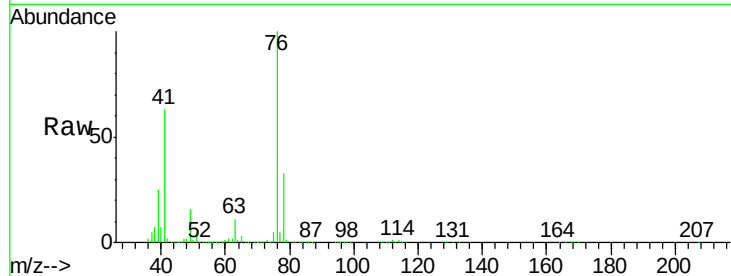
#57
 1,3-Dichloropropane
 Concen: 50.30 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

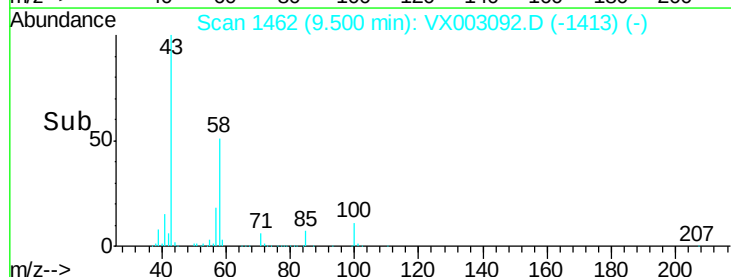
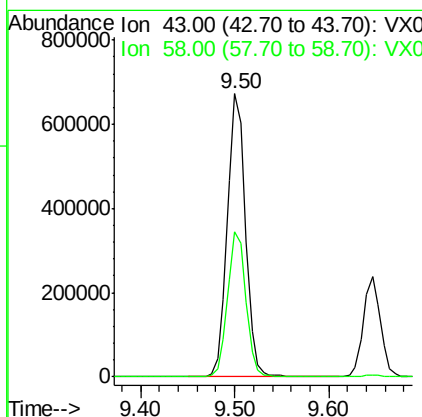
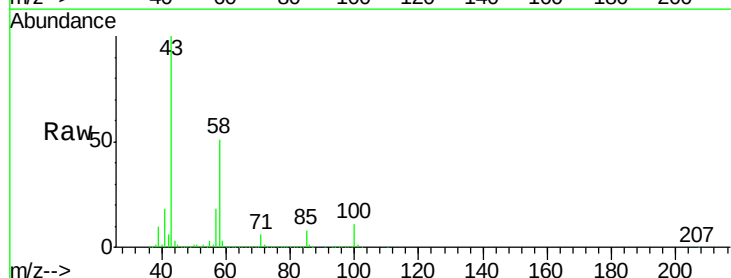
Manual Integrations
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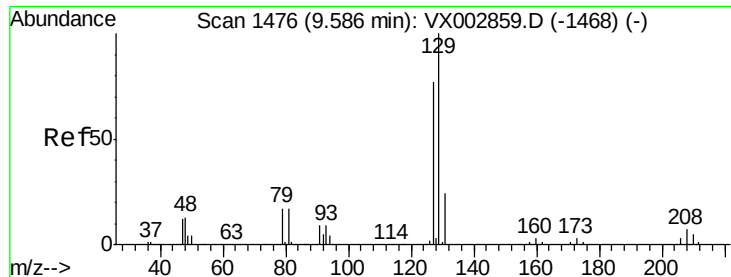
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#59
 2-Hexanone
 Concen: 255.16 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.8	24.6	73.6





#60

Dibromochloromethane

Concen: 51.77 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MS

Tot Ion:129 Resp: 171698

Ion Ratio Lower Upper

129 100

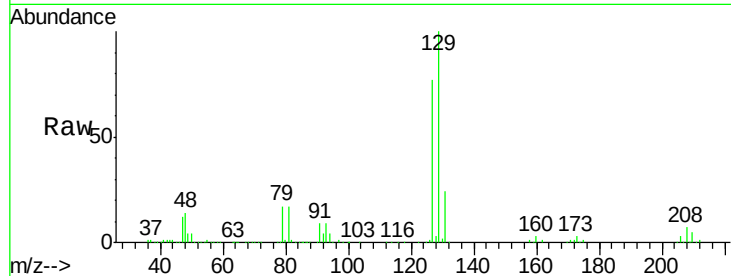
127 77.2 38.5 115.3

Manual Integrations

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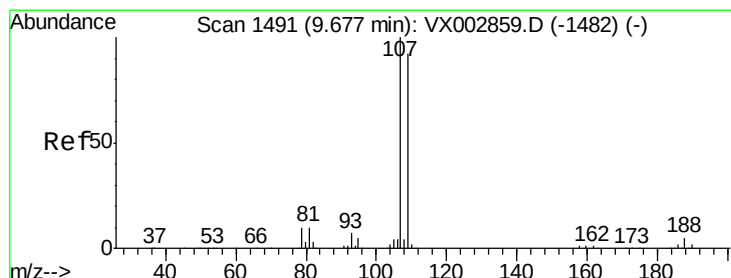
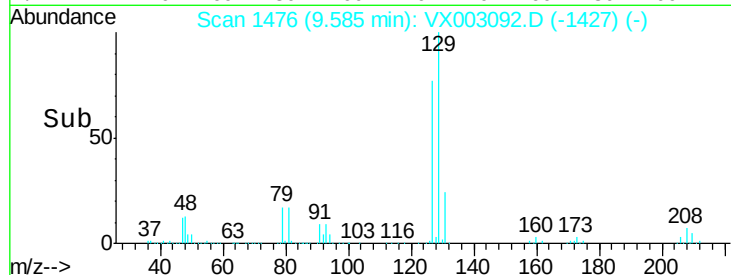
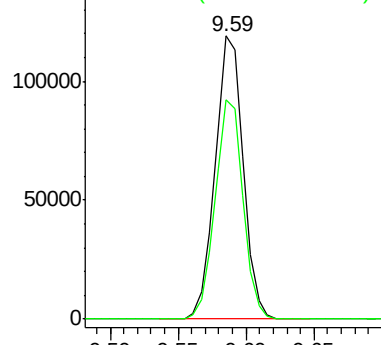
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003092.D

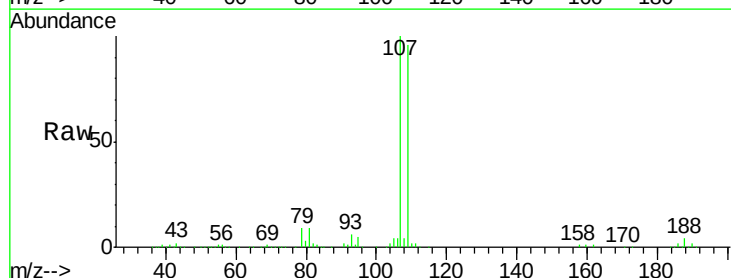
Acq: 30 Jun 2018 21:09

Tgt Ion:107 Resp: 167849

Ion Ratio Lower Upper

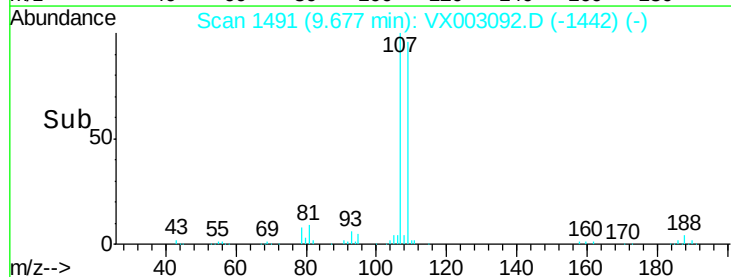
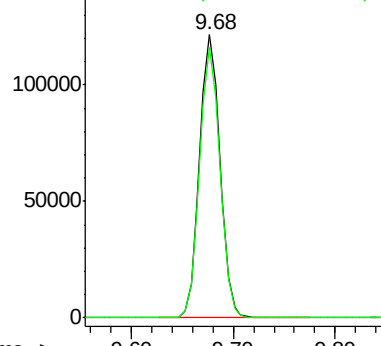
107 100

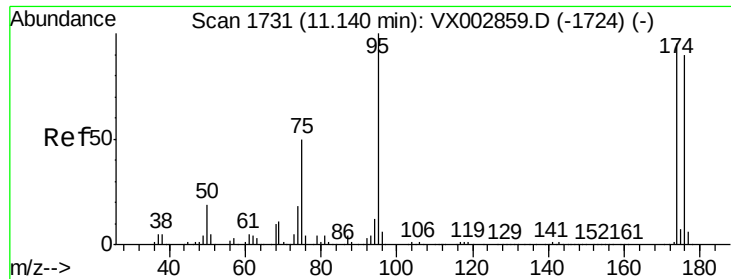
109 95.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





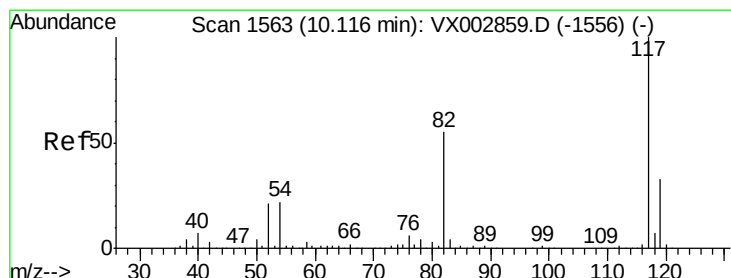
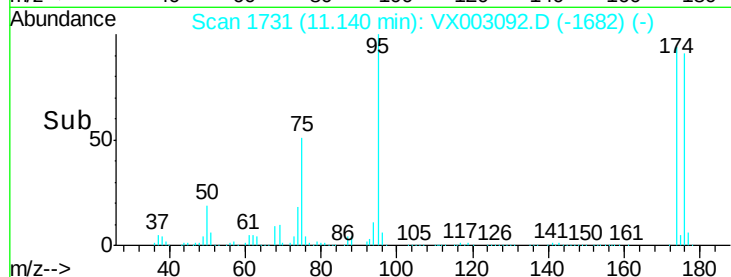
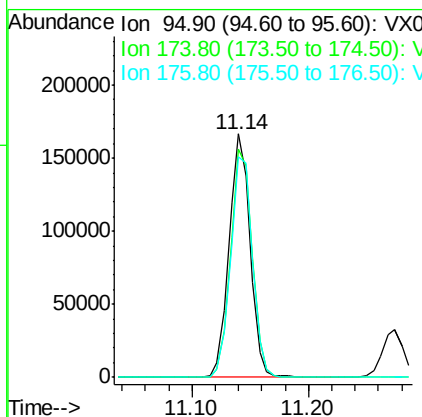
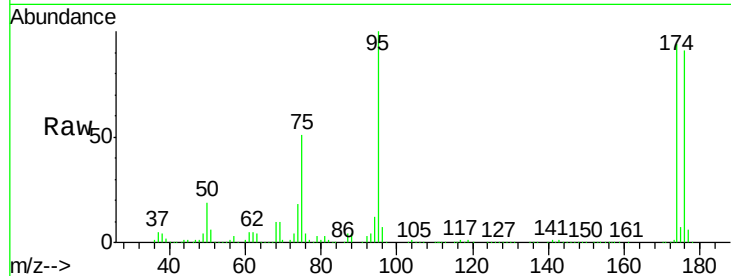
#62
4-Bromofluorobenzene
Concen: 49.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208895		
174	96.6	0.0	187.4	
176	94.6	0.0	181.0	

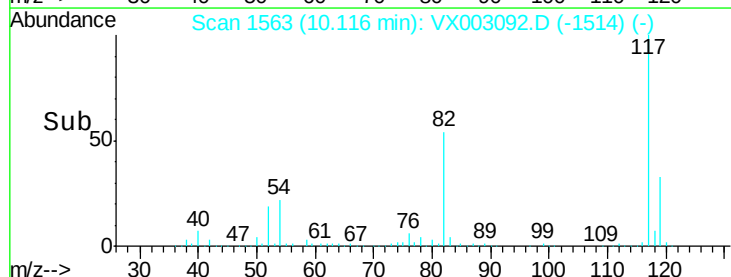
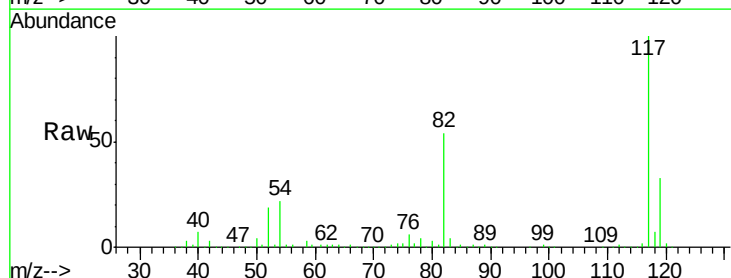
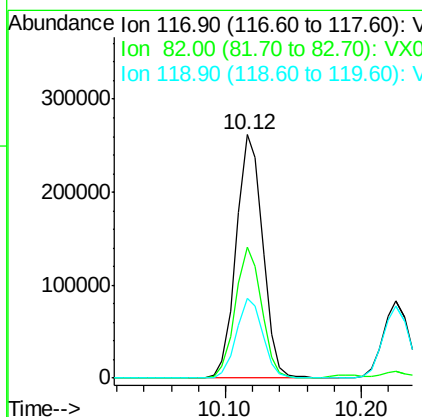
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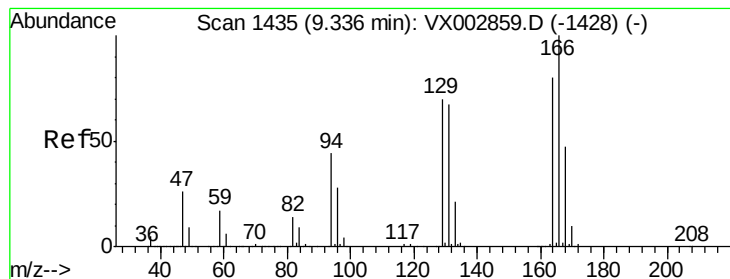
apatel
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	356276		
82	53.5	45.0	67.4	
119	32.7	25.8	38.6	





#64

Tetrachloroethene

Concen: 46.28 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

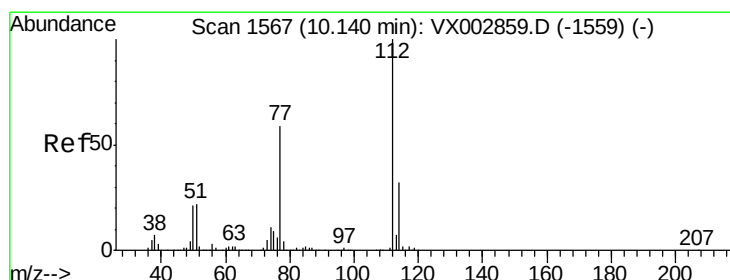
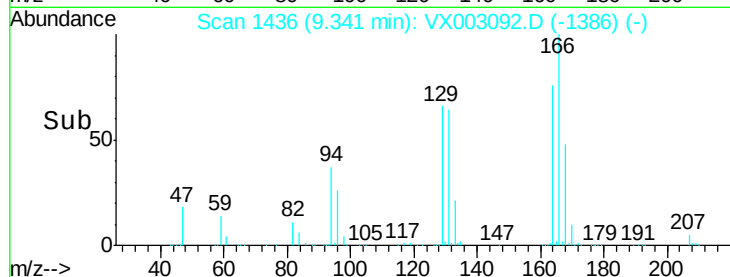
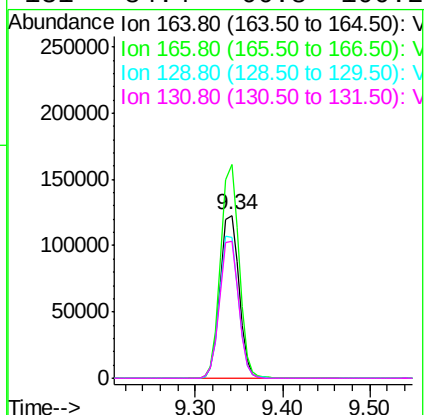
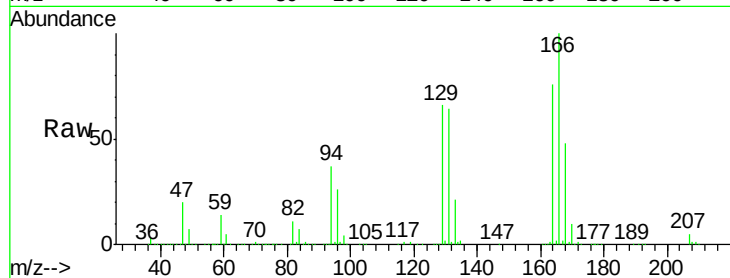
ClientSampleId :

S22-0037MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.1	183345	102.9	154.3
129	86.3		68.6	102.8
131	84.4		66.8	100.2

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#65

Chlorobenzene

Concen: 49.20 ug/l

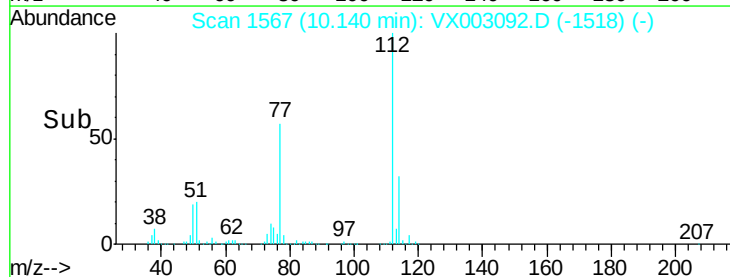
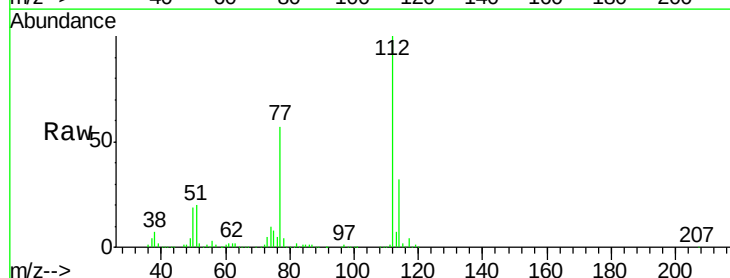
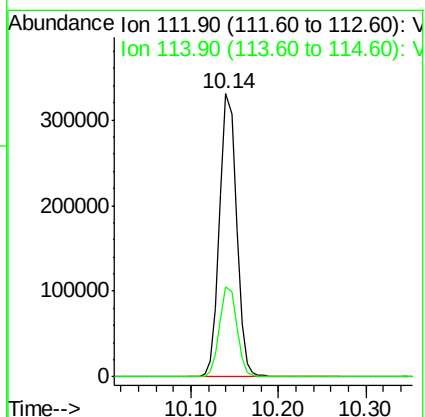
RT: 10.14 min Scan# 1567

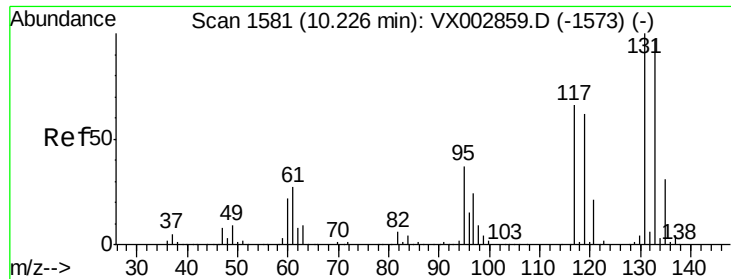
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	445222		
114	31.9		25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 50.66 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

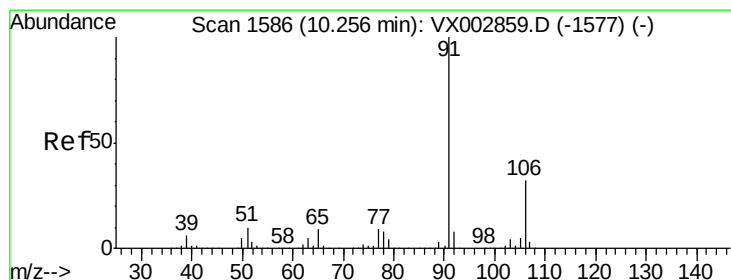
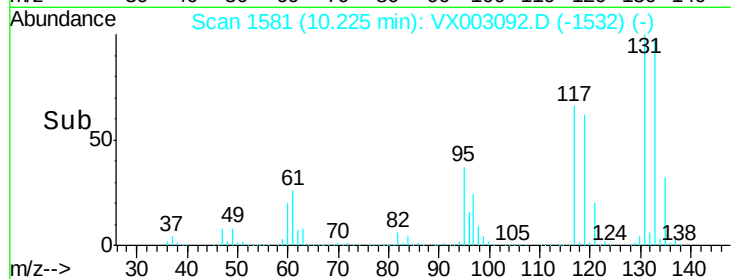
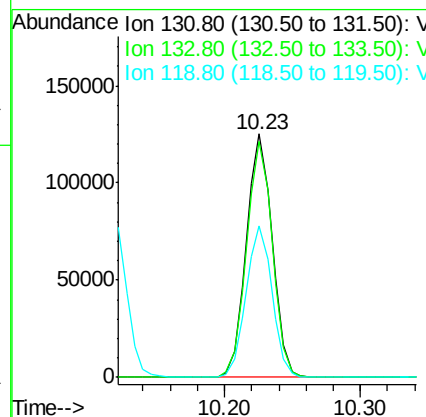
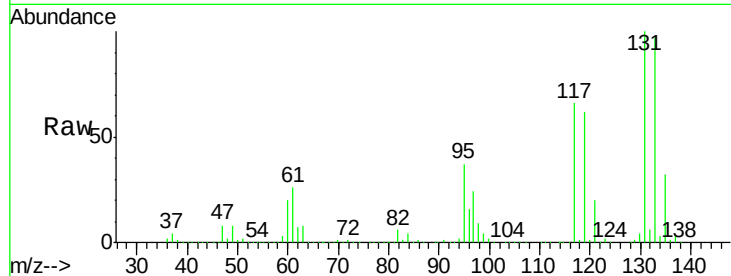
ClientSampled :

S22-0037MS

Tot Ion:	131	Resp:	166542
Ion Ratio	Lower	Upper	
131	100		
133	96.5	47.9	143.6
119	62.8	31.8	95.3

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#67

Ethyl Benzene

Concen: 67.72 ug/l

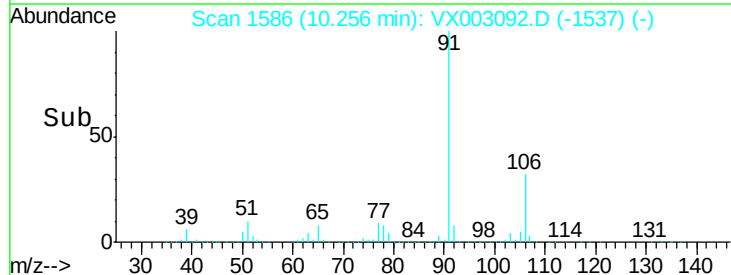
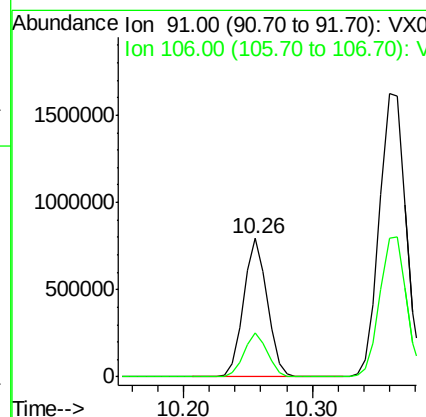
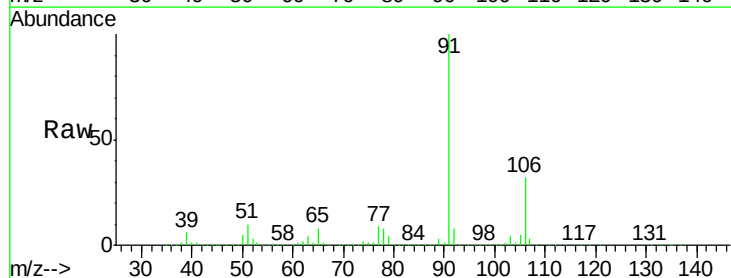
RT: 10.26 min Scan# 1586

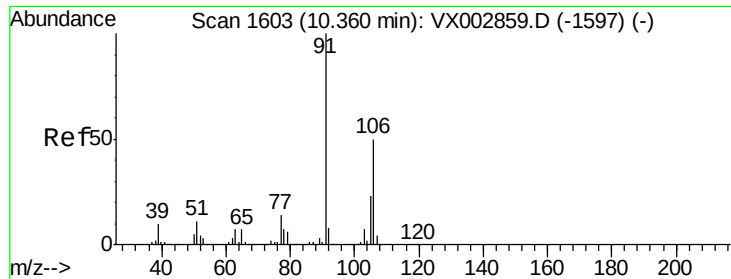
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	91	Resp:	1012389
Ion Ratio	Lower	Upper	
91	100		
106	31.6	25.5	38.3





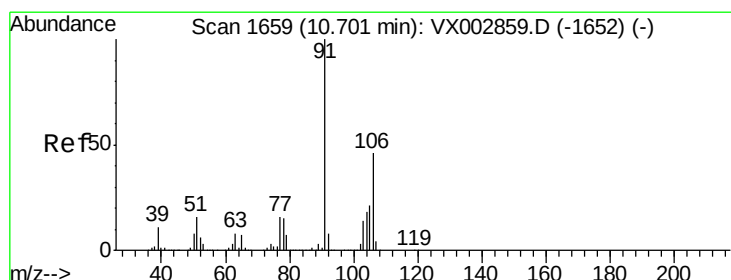
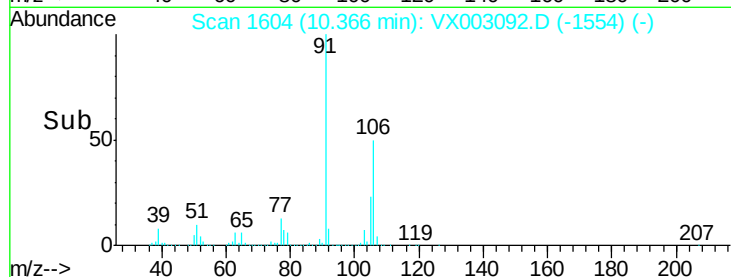
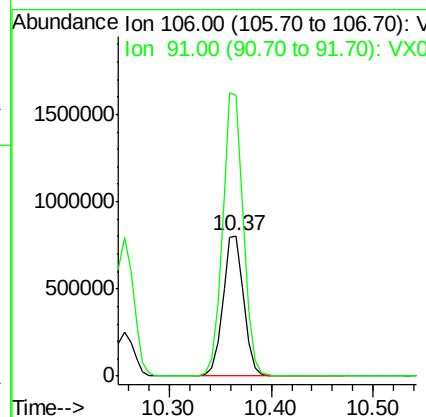
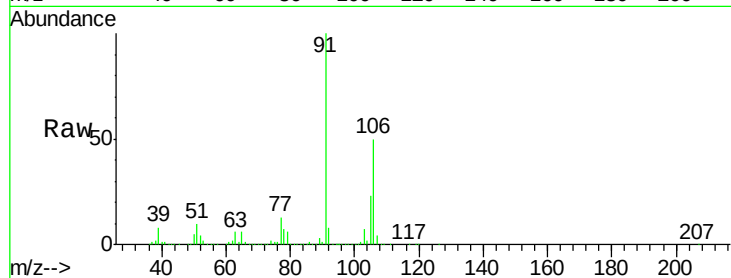
#68
m/p-Xylenes
Concen: 198.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion:106 Resp: 1141178
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2

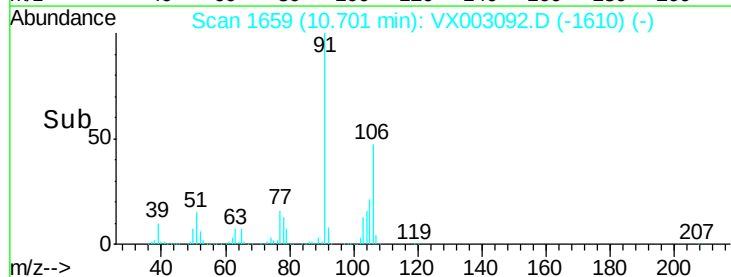
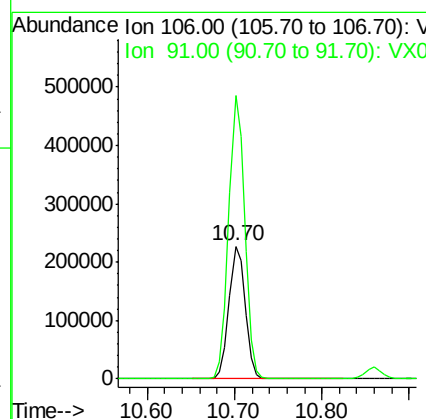
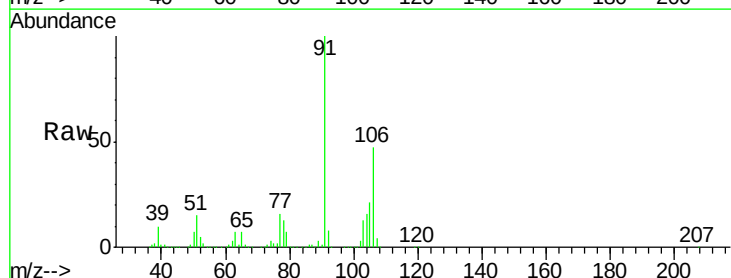
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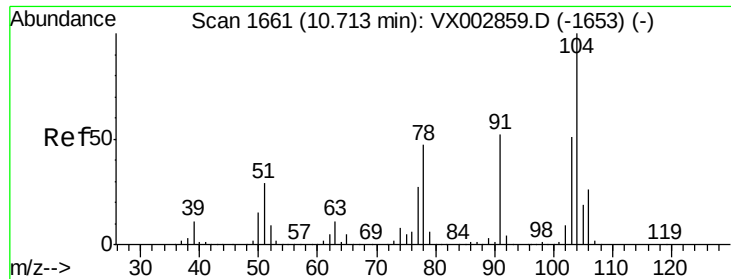
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#69
o-Xylene
Concen: 51.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion:106 Resp: 290847
Ion Ratio Lower Upper
106 100
91 211.1 108.2 324.6





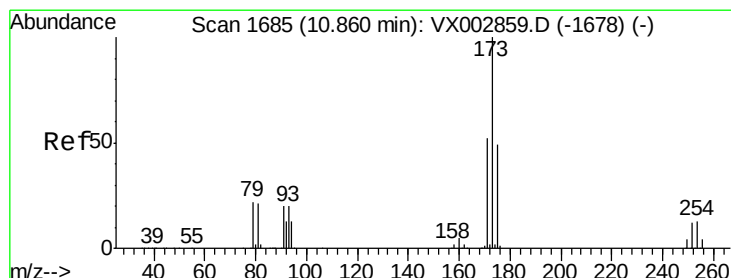
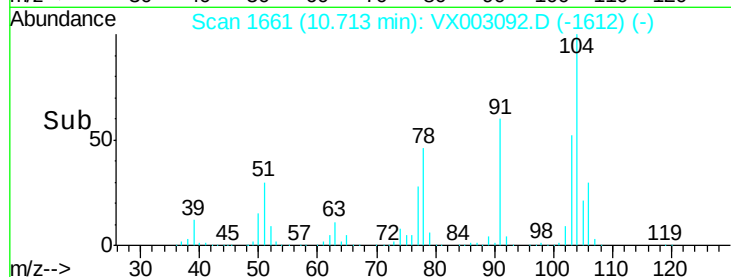
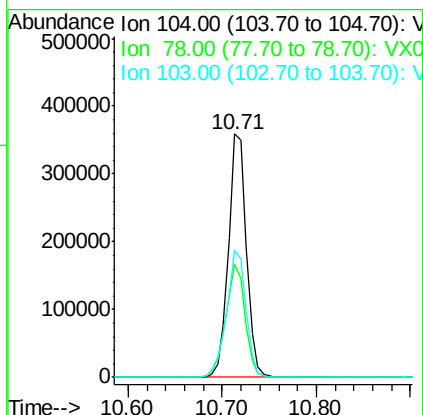
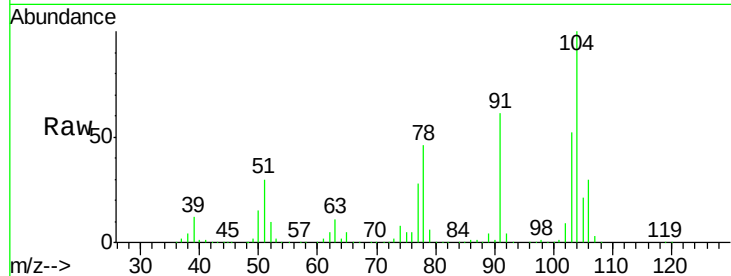
#70
Stvrene
Concen: 52.27 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	41.0	61.6
103	56.0	44.2	66.4

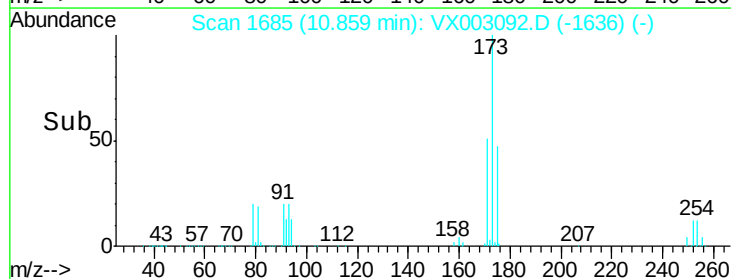
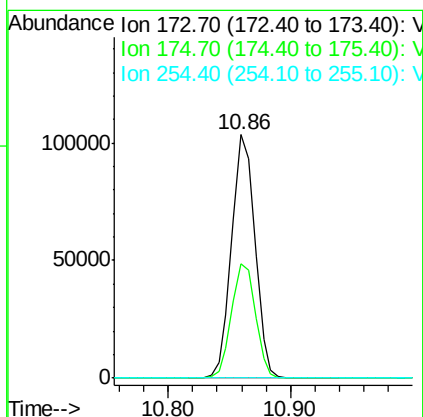
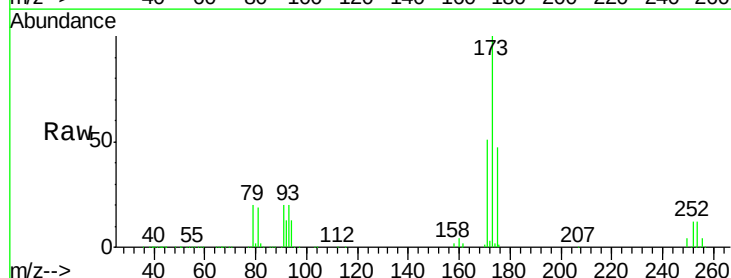
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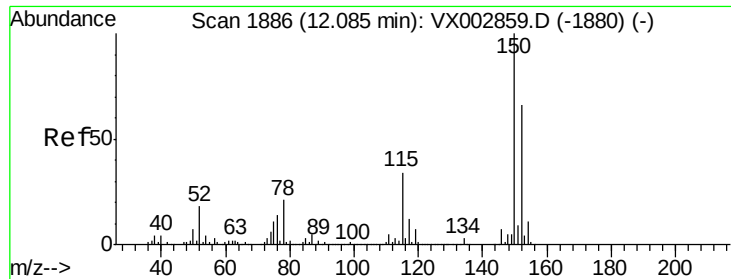
apatel
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#71
Bromoform
Concen: 46.24 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.7	74.1
254	0.2	0.2	0.2





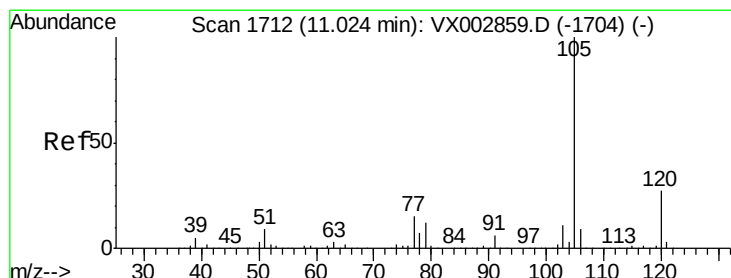
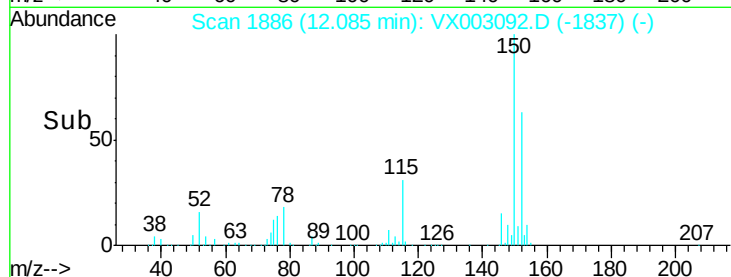
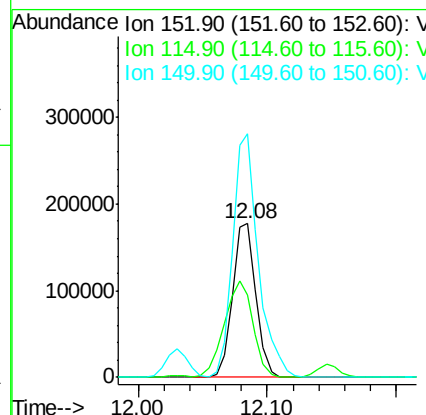
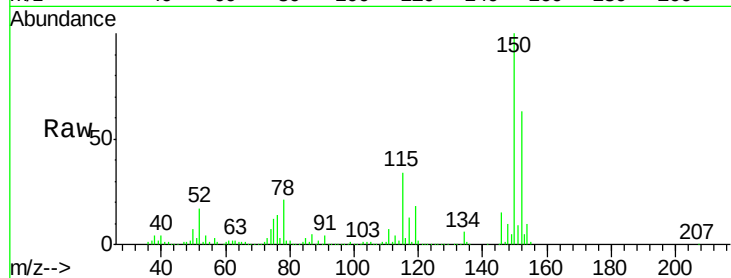
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.9	40.1	120.2
150	173.6	0.0	347.2

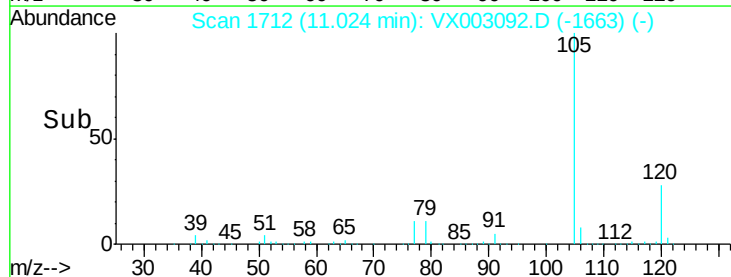
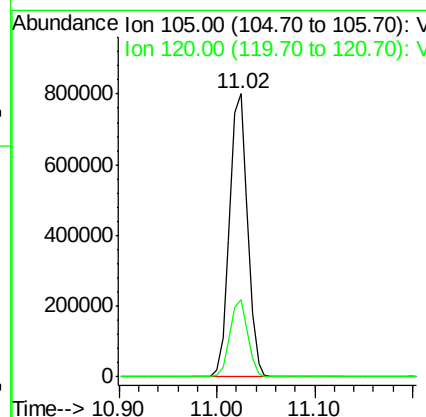
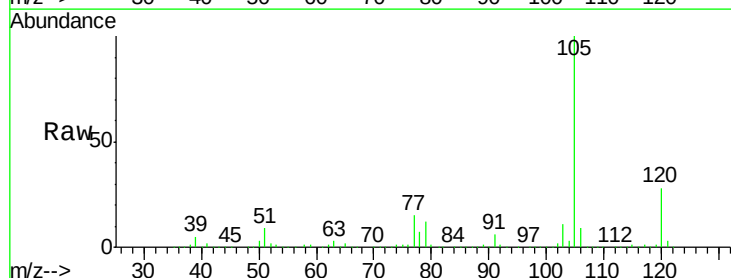
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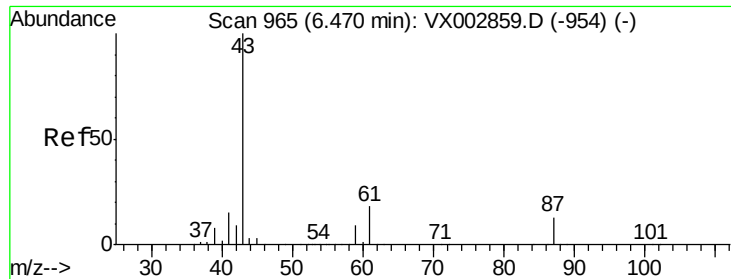
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#73
 Isopropylbenzene
 Concen: 67.82 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4





#74

N-amvl acetate

Concen: 47.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

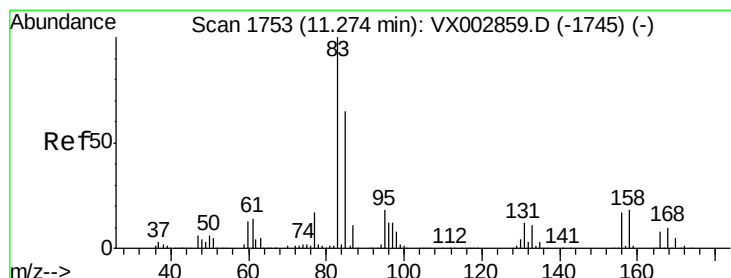
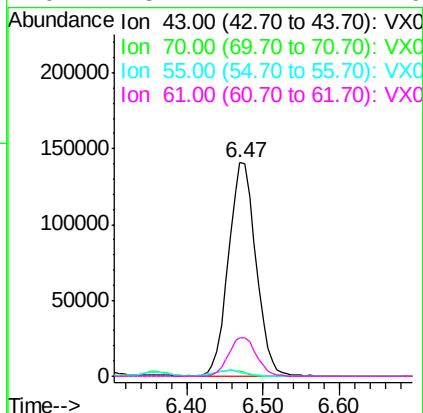
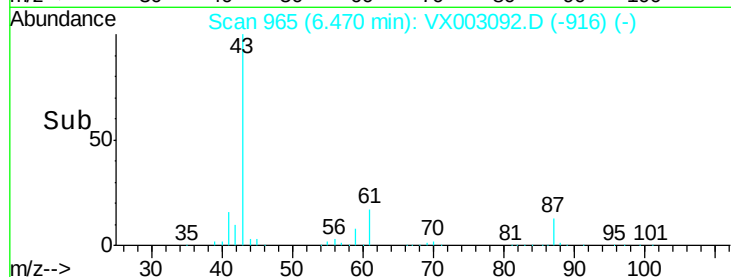
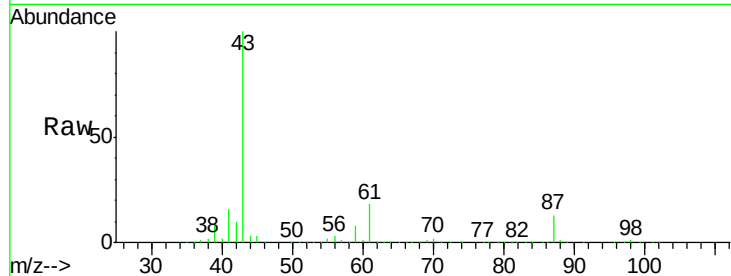
ClientSampleId :

S22-0037MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	3.2	0.0	0.0#	
55	3.3	0.0	0.0#	
61	18.7	14.4	21.6	

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.73 ug/l

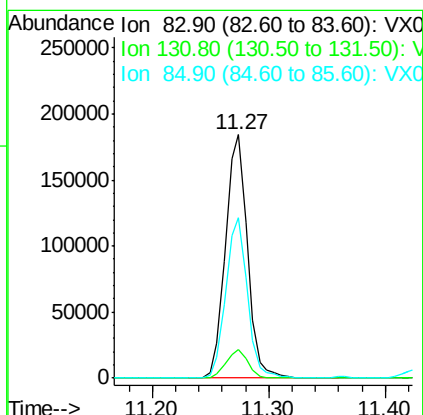
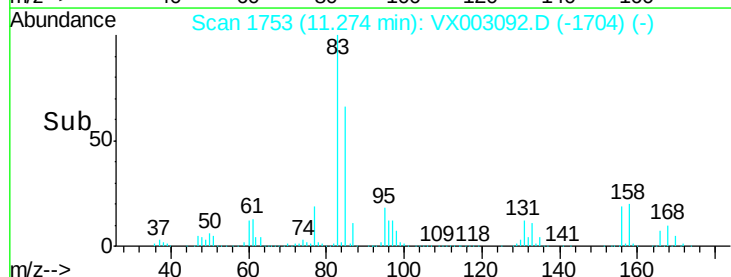
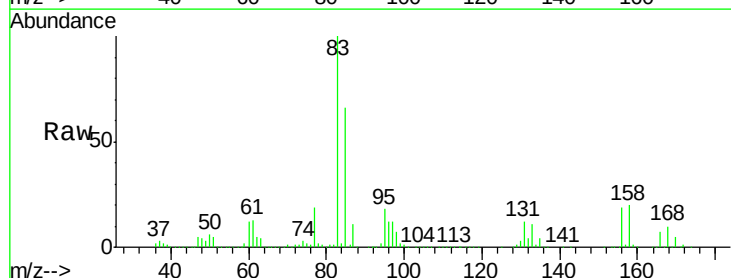
RT: 11.27 min Scan# 1753

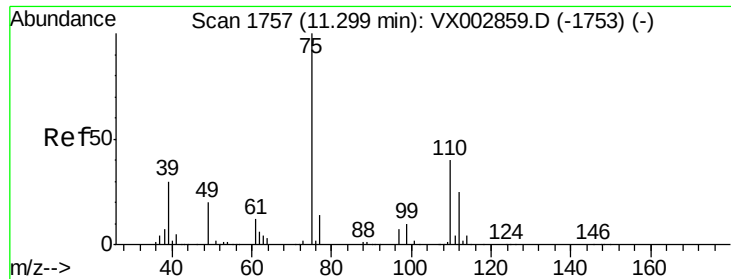
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.4	5.6	16.8	
85	64.9	32.4	97.2	





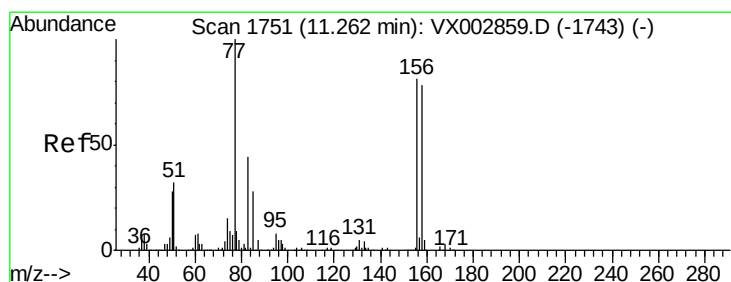
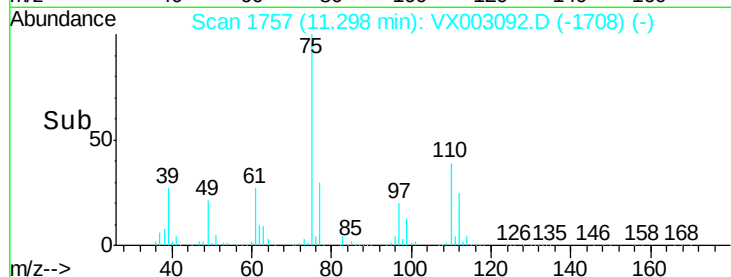
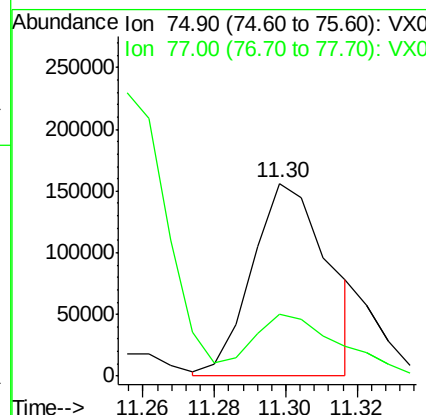
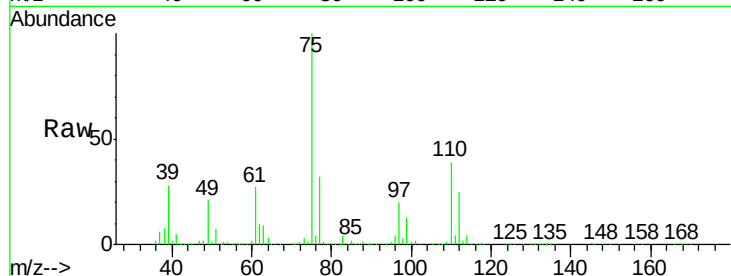
#76
1,2,3-Trichloropropane
Concen: 56.77 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion: 75 Resp: 230973
Ion Ratio Lower Upper
75 100
77 37.4 22.8 68.3

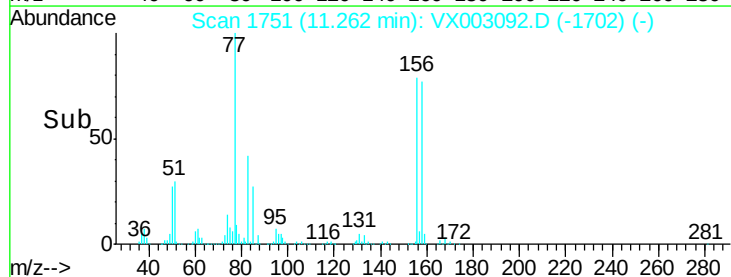
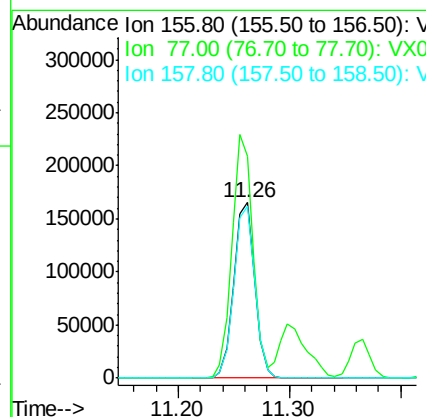
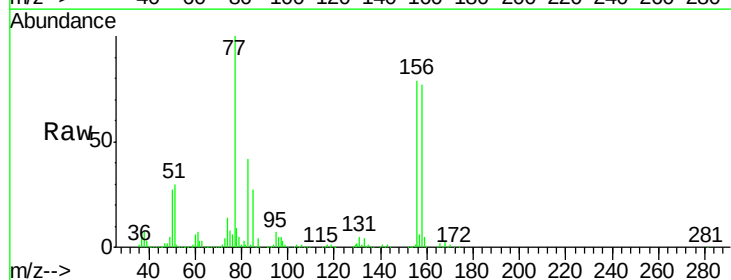
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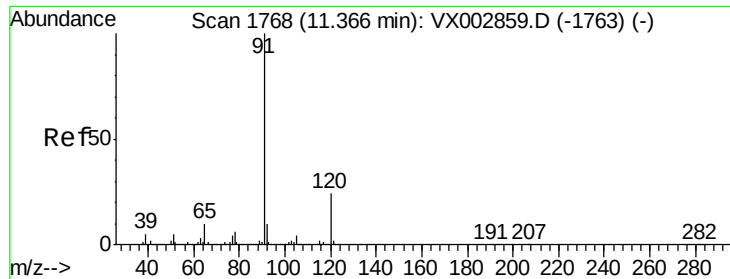
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#77
Bromobenzene
Concen: 50.24 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion: 156 Resp: 216170
Ion Ratio Lower Upper
156 100
77 137.3 71.4 214.2
158 98.0 48.9 146.6





#78

n-propylbenzene

Concen: 65.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

Tot Ion: 91 Resp: 1119071

Ion Ratio Lower Upper

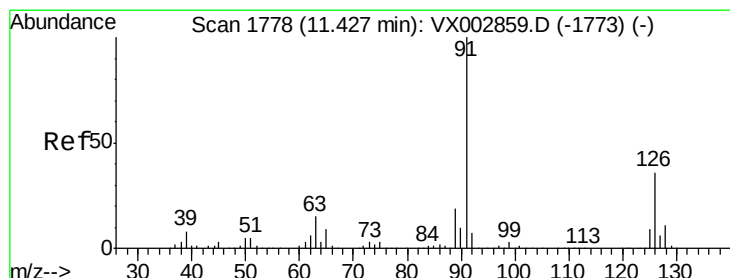
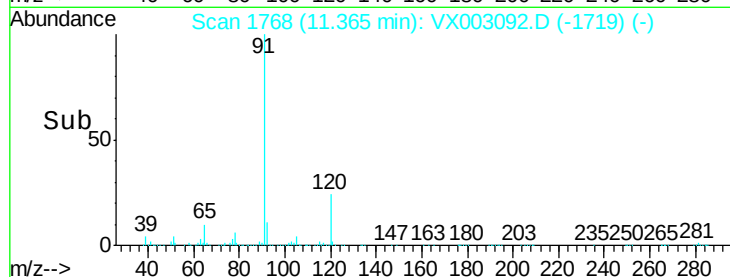
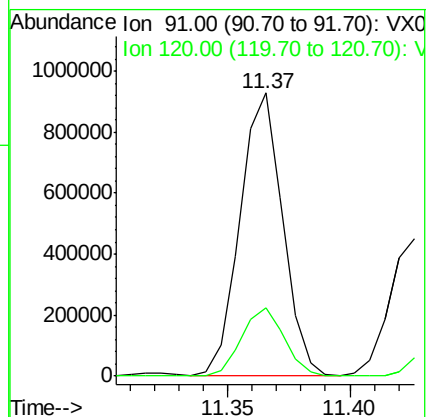
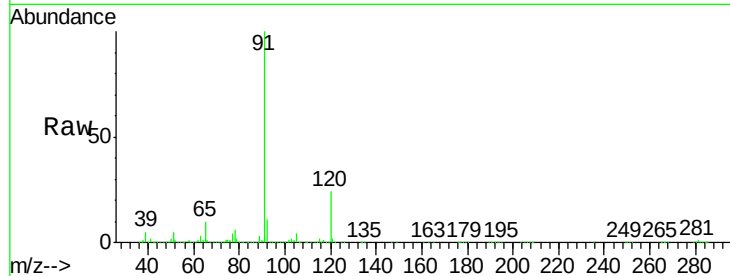
91 100

120 24.2 11.8 35.4

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#79

2-Chlorotoluene

Concen: 61.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003092.D

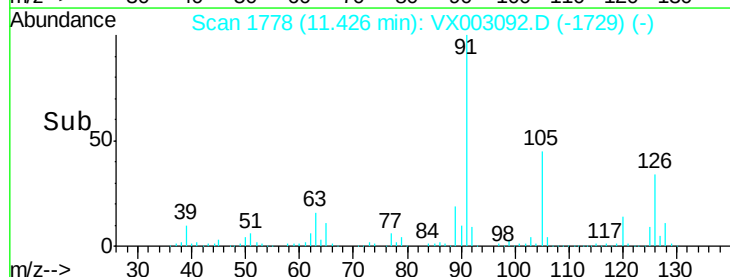
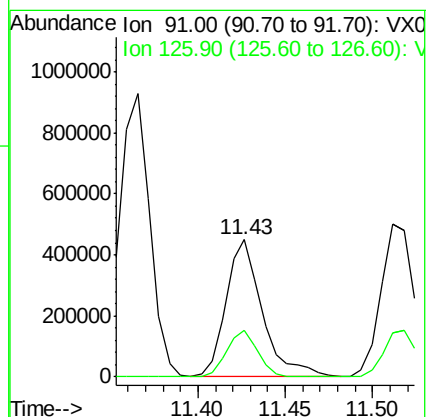
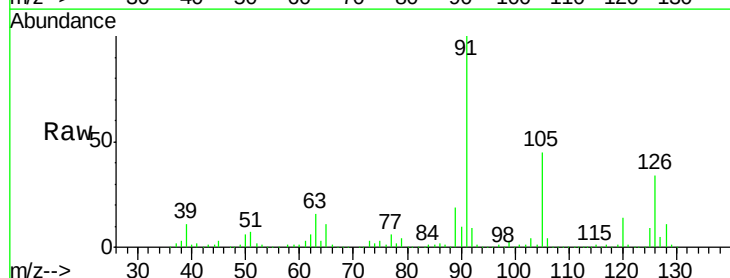
Acq: 30 Jun 2018 21:09

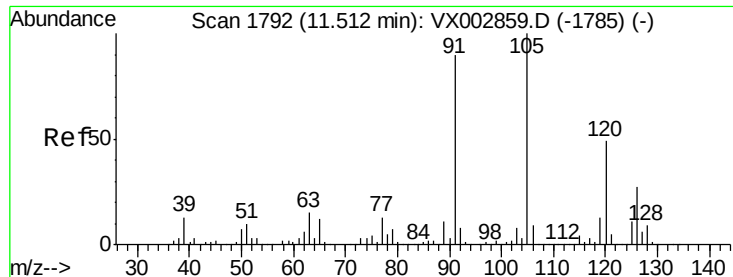
Tgt Ion: 91 Resp: 641005

Ion Ratio Lower Upper

91 100

126 29.6 17.7 53.1





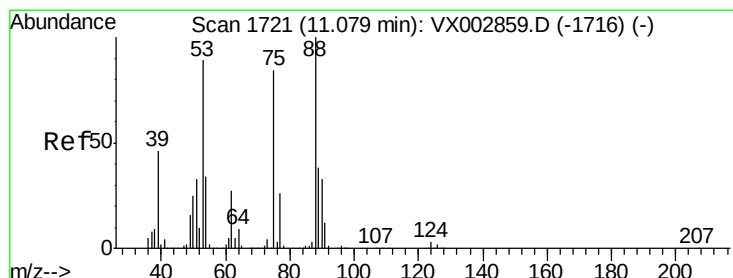
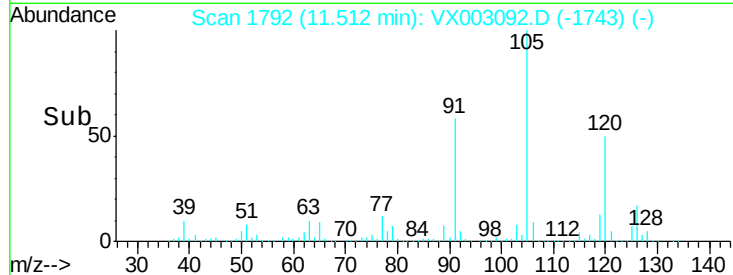
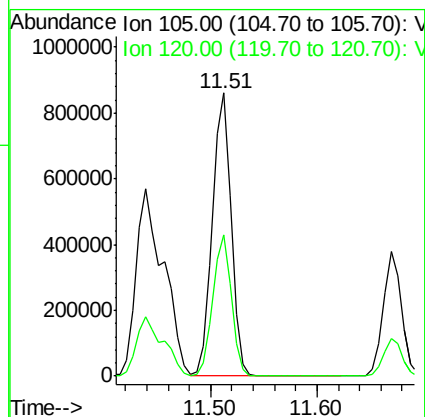
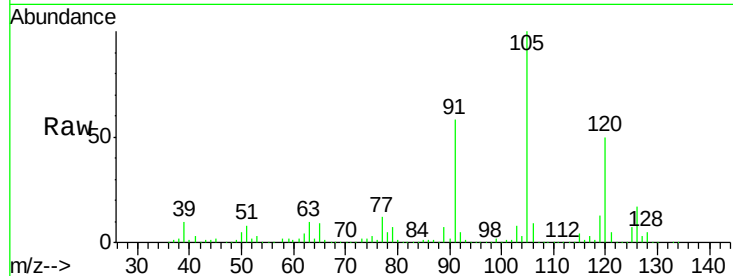
#80
 1,3,5-Trimethylbenzene
 Concen: 81.34 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MS

Tot Ion:105 Resp: 1035117
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4

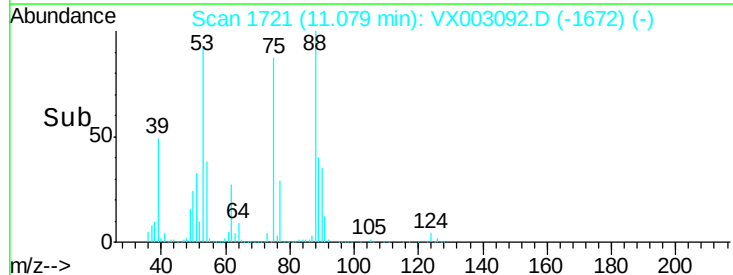
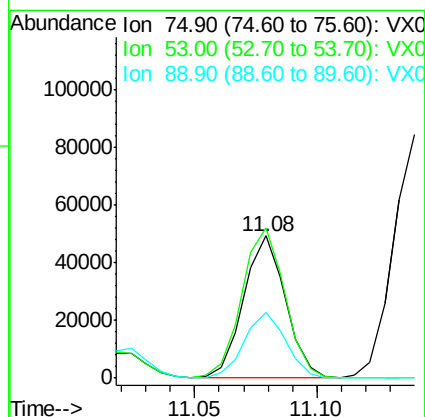
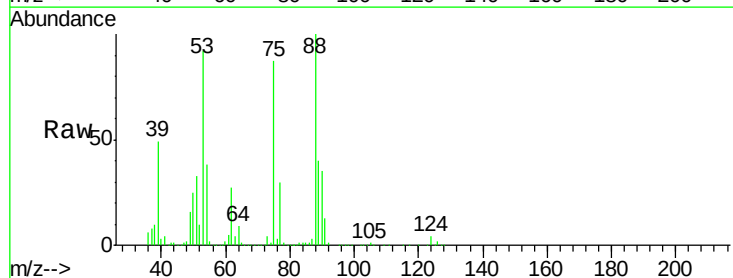
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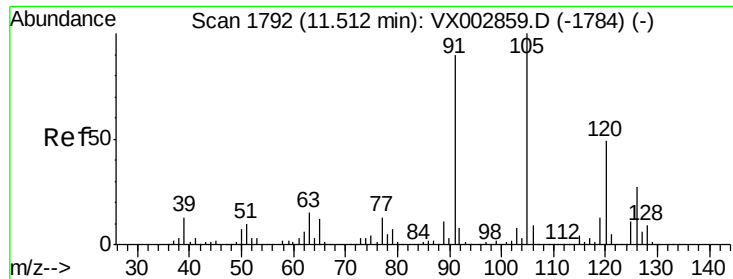
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.93 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion: 75 Resp: 57973
 Ion Ratio Lower Upper
 75 100
 53 109.1 86.8 130.2
 89 46.9 38.2 57.2





#82

4-Chlorotoluene

Concen: 52.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

ClientSampled :

S22-0037MS

Tot Ion: 91 Resp: 652754

Ion Ratio Lower Upper

91 100

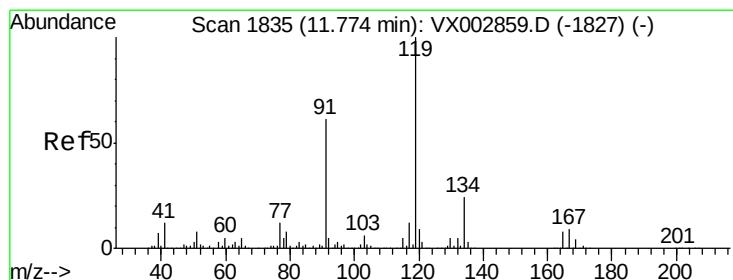
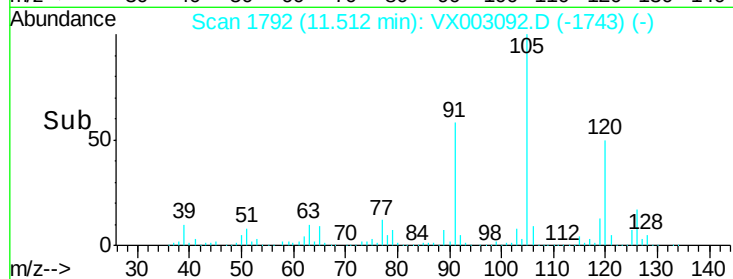
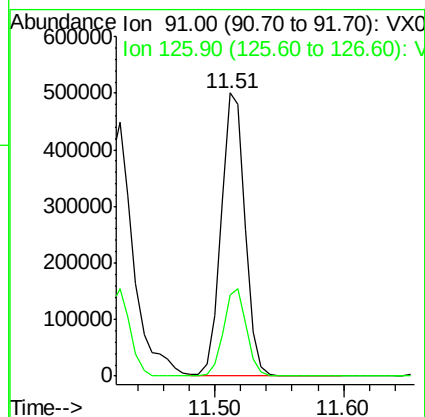
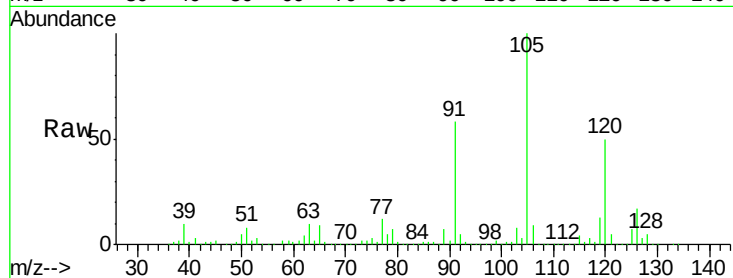
126 29.7 15.4 46.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 53.01 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

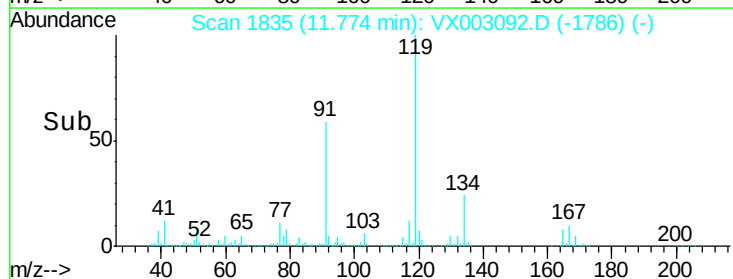
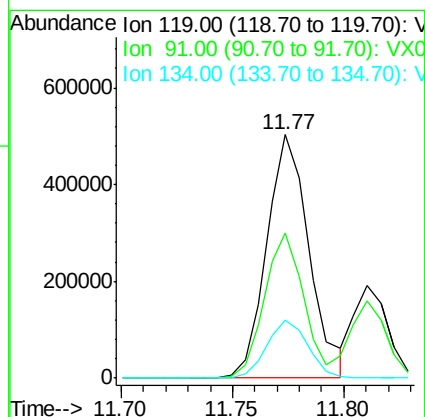
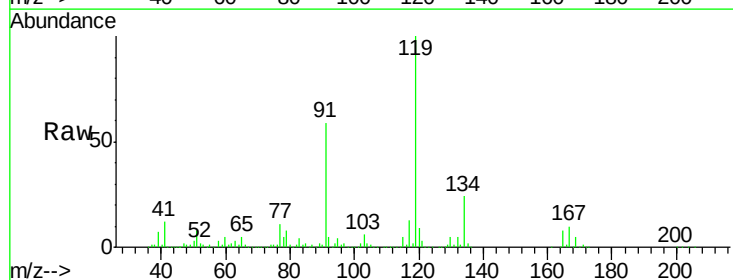
Tgt Ion: 119 Resp: 664908

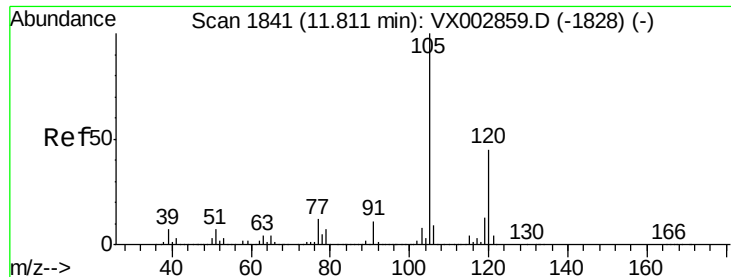
Ion Ratio Lower Upper

119 100

91 55.0 30.3 90.9

134 23.1 11.7 35.1





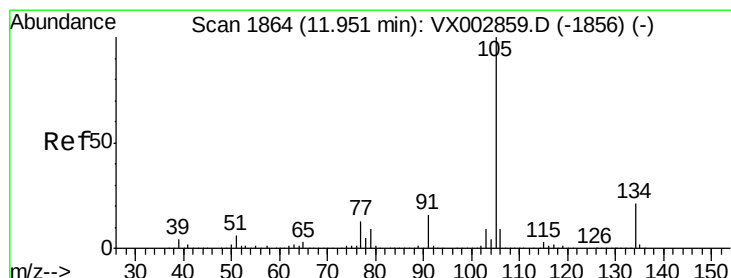
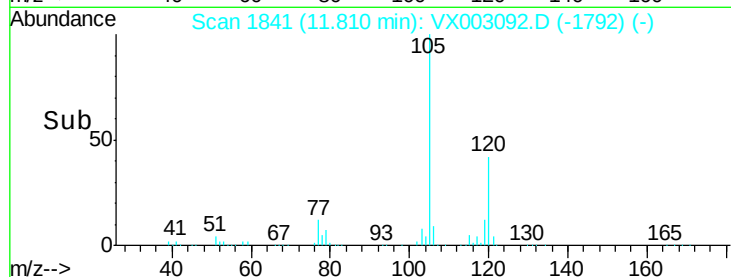
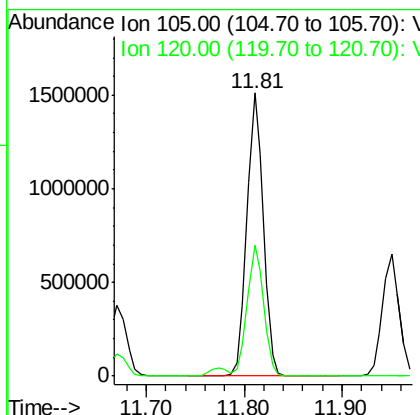
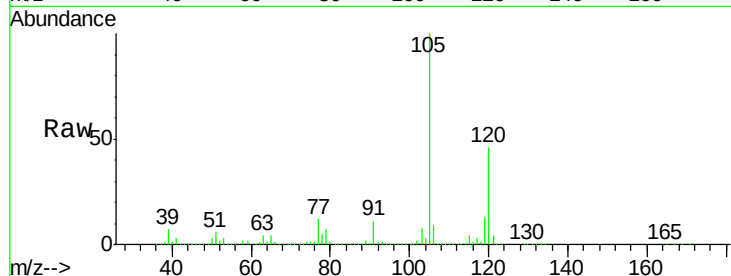
#84
 1,2,4-Trimethylbenzene
 Concen: 133.96 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion:105 Resp: 1766370
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.8

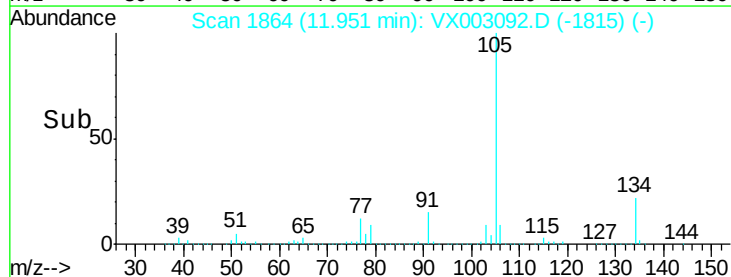
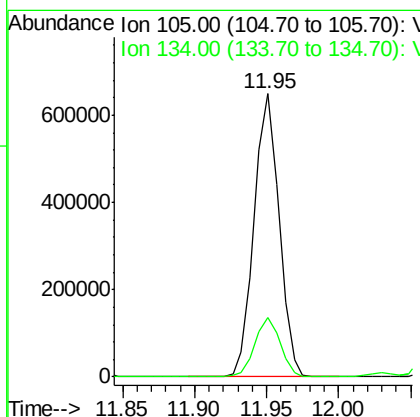
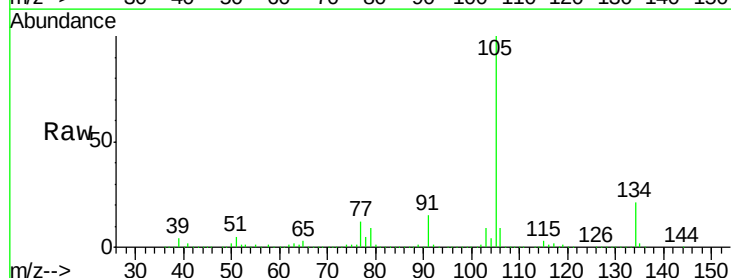
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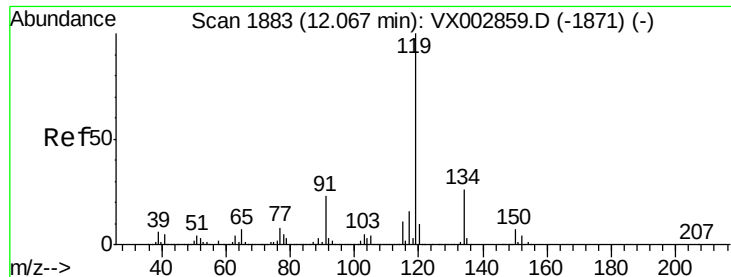
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#85
 sec-Butylbenzene
 Concen: 50.94 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion:105 Resp: 775027
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1





#86

p-Isopropyltoluene

Concen: 51.27 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

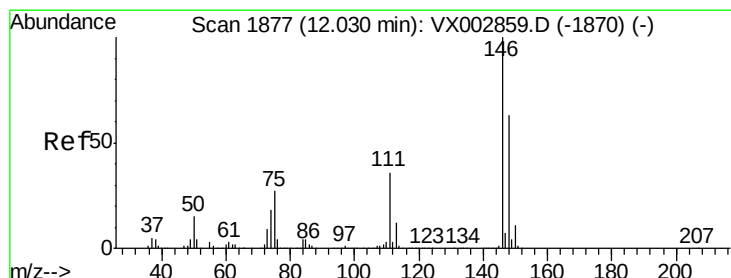
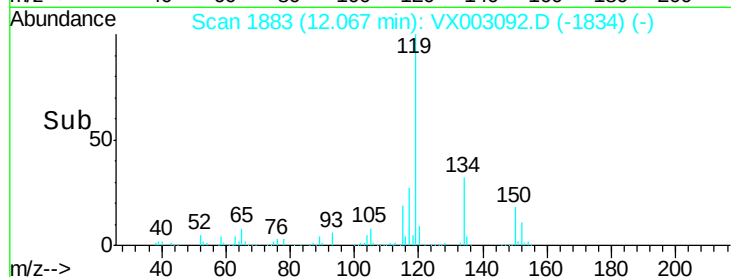
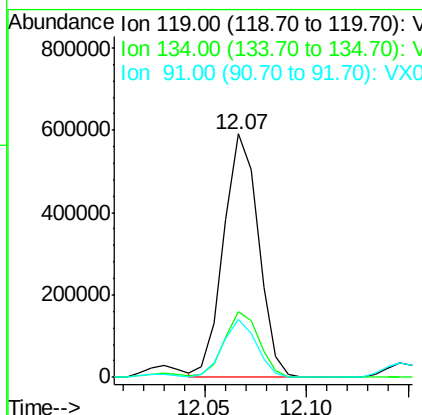
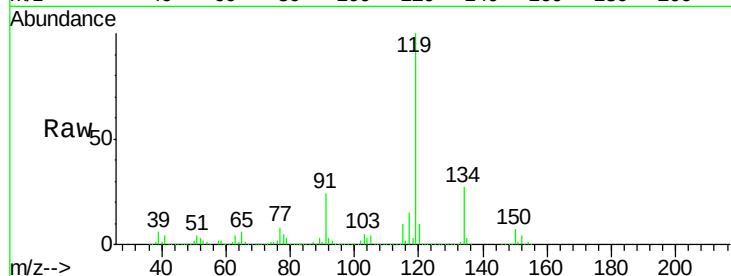
ClientSampled :

S22-0037MS

Tot Ion:	119	Resp:	701409
Ion Ratio	Lower	Upper	
119	100		
134	26.9	13.4	40.1
91	23.0	11.9	35.7

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 49.84 ug/l

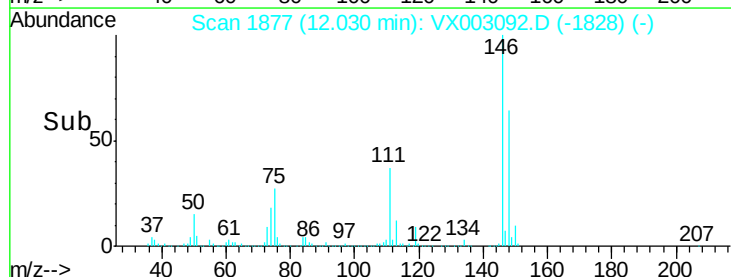
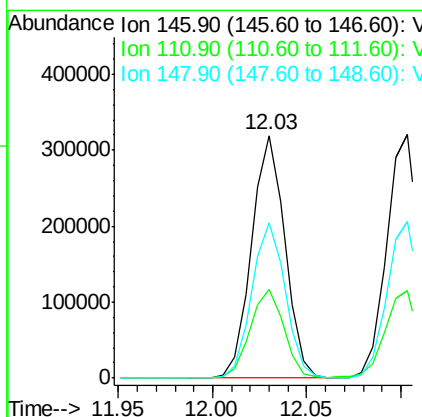
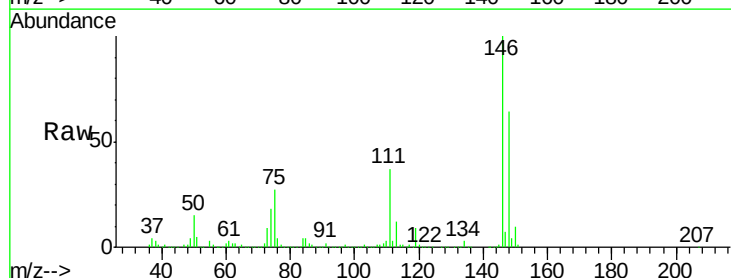
RT: 12.03 min Scan# 1877

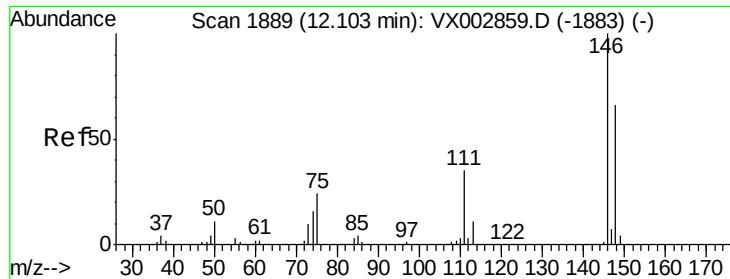
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	146	Resp:	391698
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.9	56.7
148	64.4	32.1	96.3





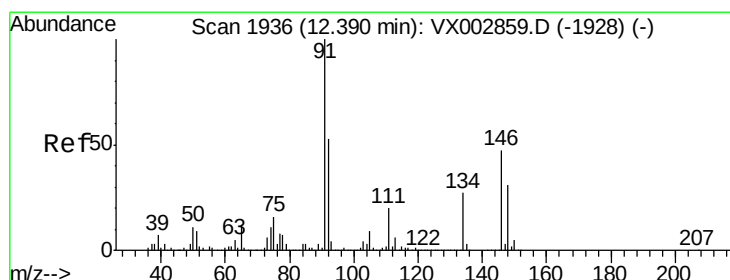
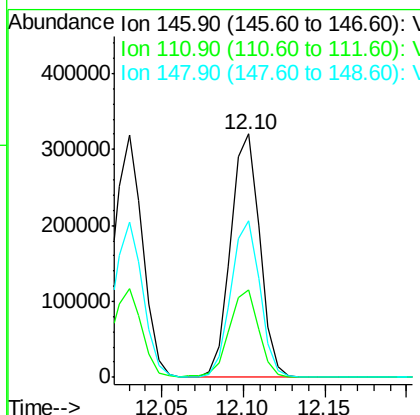
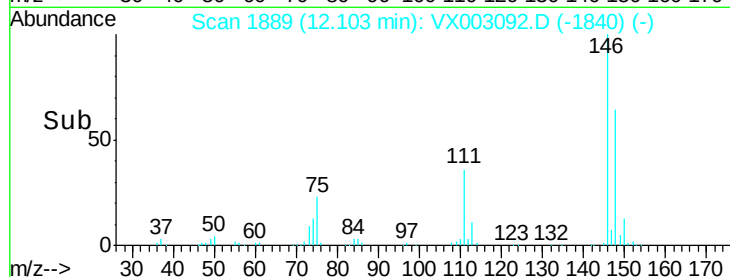
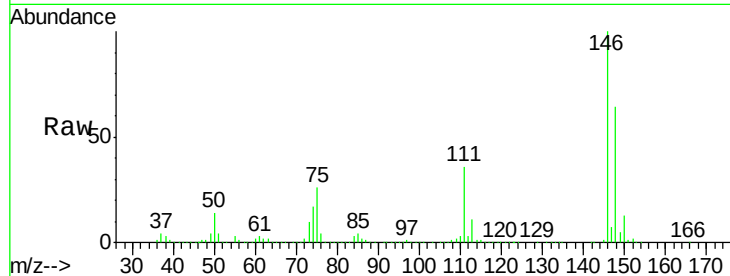
#88
 1,4-Dichlorobenzene
 Concen: 49.13 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.7	56.1
148	64.3	32.4	97.0

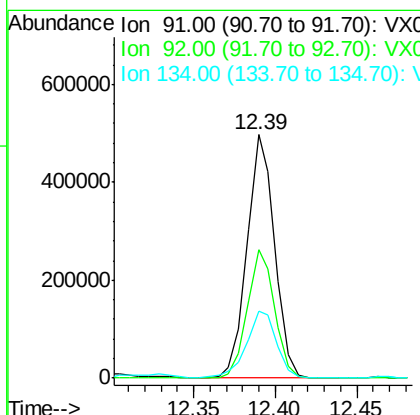
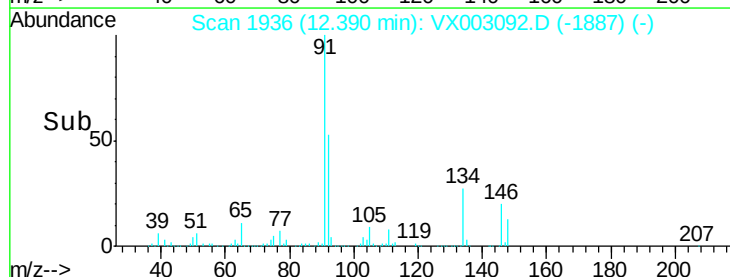
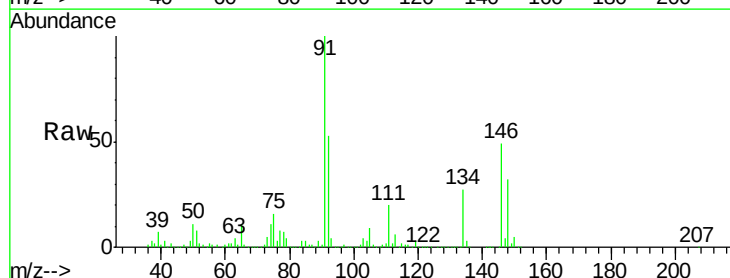
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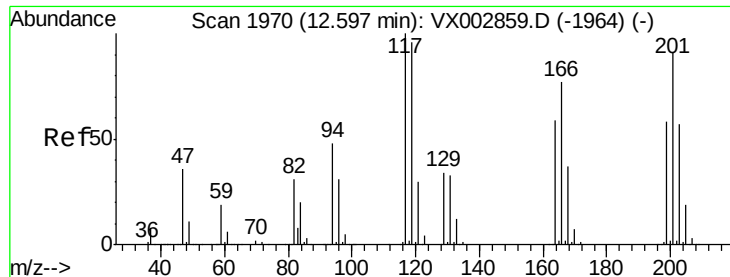
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#89
 n-Butylbenzene
 Concen: 49.27 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	30.3	13.5	40.5





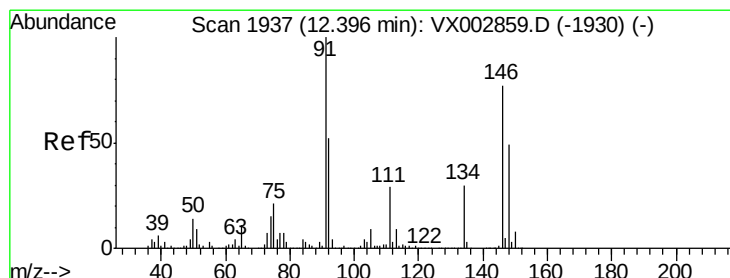
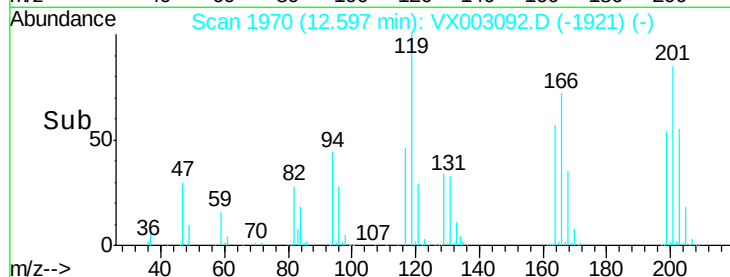
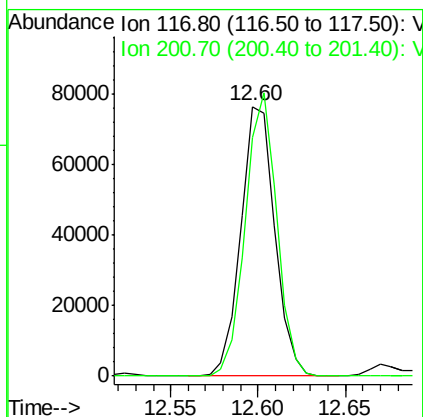
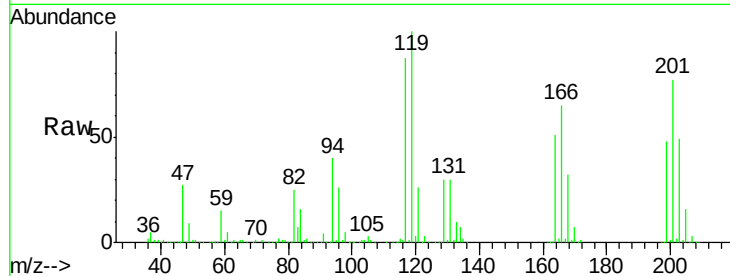
#90
Hexachloroethane
Concen: 51.05 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Instrument :
MSVOA_X
ClientSampled :
S22-0037MS

Tot Ion:117 Resp: 103878
Ion Ratio Lower Upper
117 100
201 96.7 49.0 147.0

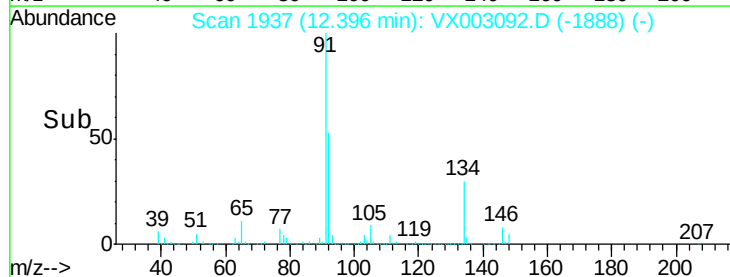
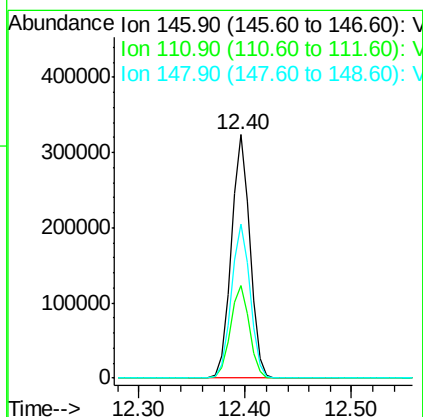
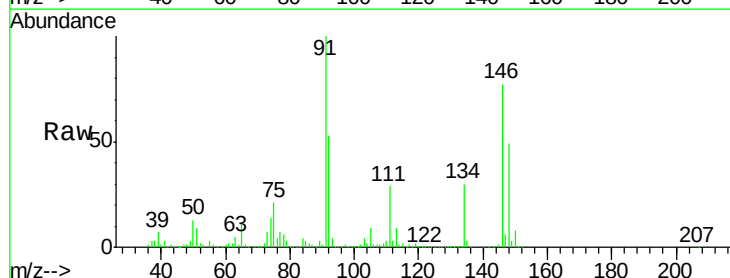
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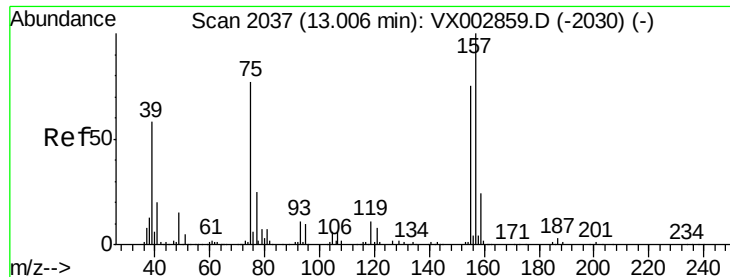
apatel
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#91
1,2-Dichlorobenzene
Concen: 50.17 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003092.D
Acq: 30 Jun 2018 21:09

Tgt Ion:146 Resp: 397933
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.1
148 64.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.71 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

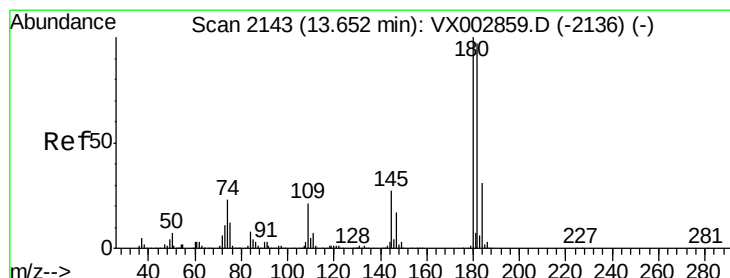
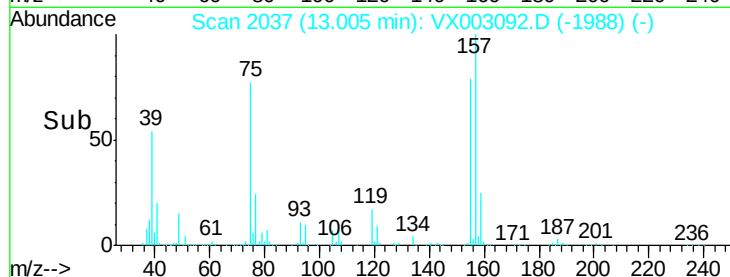
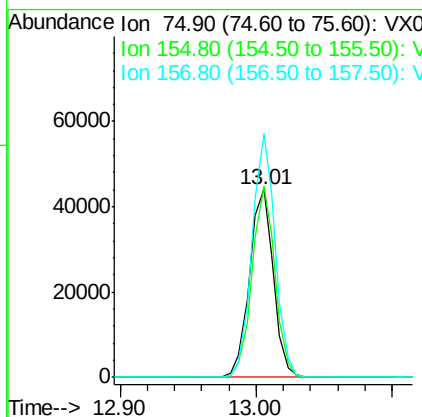
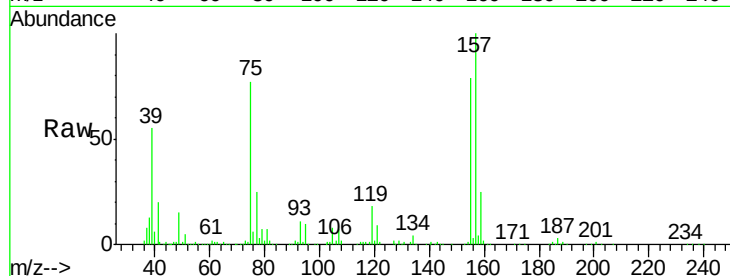
ClientSampled :

S22-0037MS

Tot Ion:	75	Resp:	54110
Ion	Ratio	Lower	Upper
75	100		
155	97.9	45.8	137.4
157	125.7	60.1	180.3

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#93

1,2,4-Trichlorobenzene

Concen: 49.89 ug/l

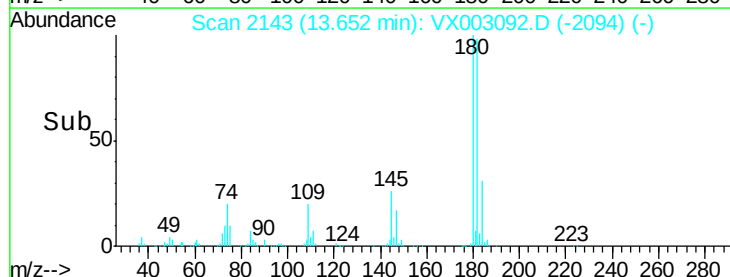
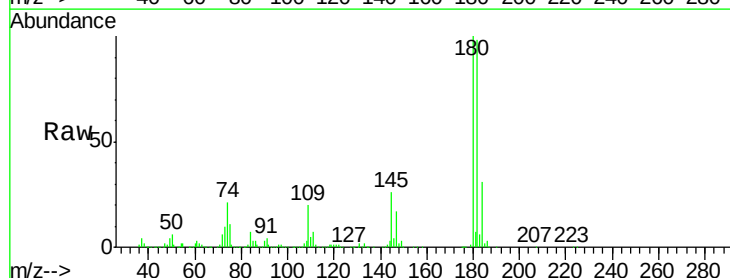
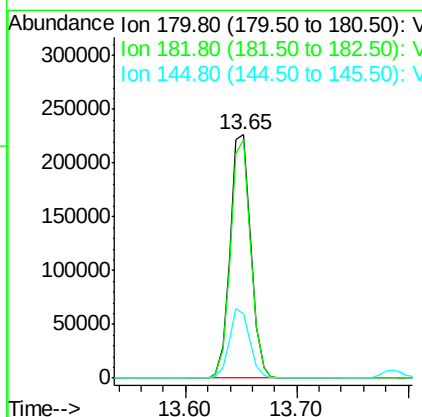
RT: 13.65 min Scan# 2143

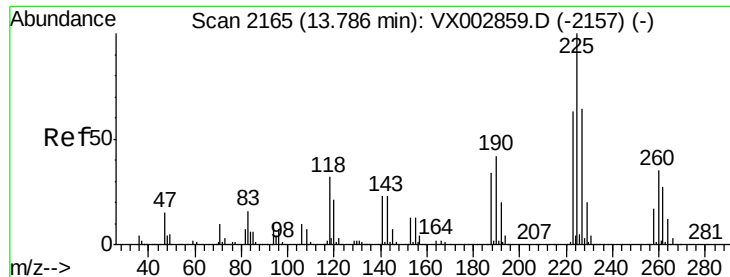
Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Tgt Ion:	180	Resp:	288015
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	27.9	14.1	42.4





#94

Hexachlorobutadiene

Concen: 47.68 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003092.D

Acq: 30 Jun 2018 21:09

Instrument :

MSVOA_X

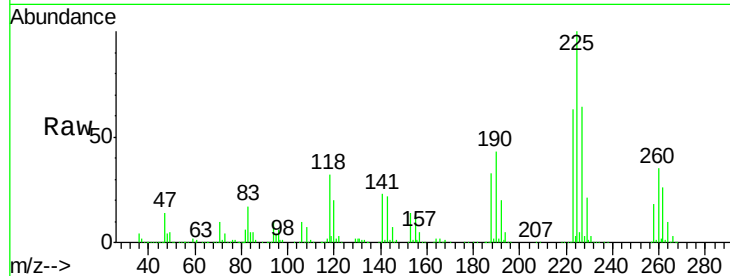
ClientSampled :

S22-0037MS

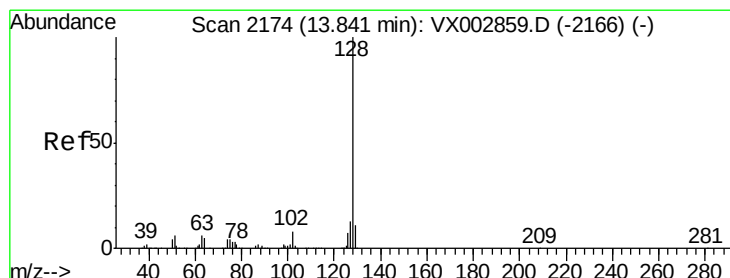
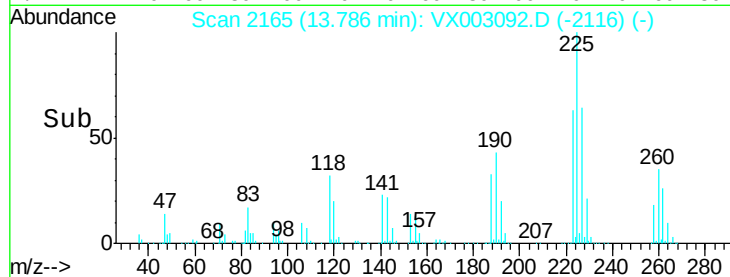
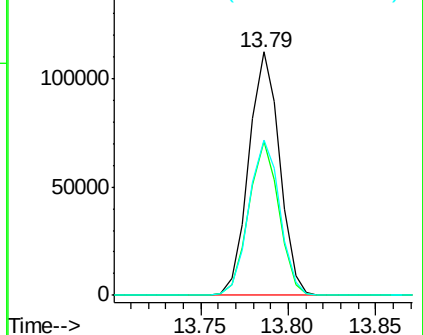
Tot Ion:	225	Resp:	137279
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.6	95.0
227	64.2	32.4	97.2

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 64.23 ug/l

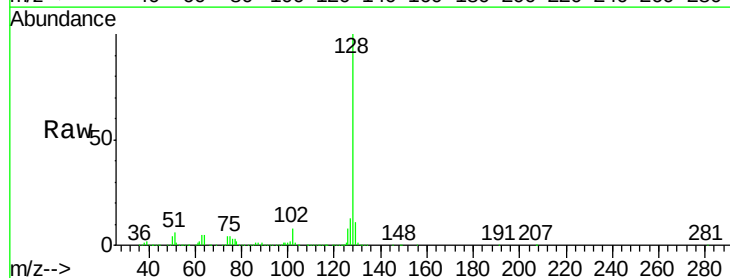
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

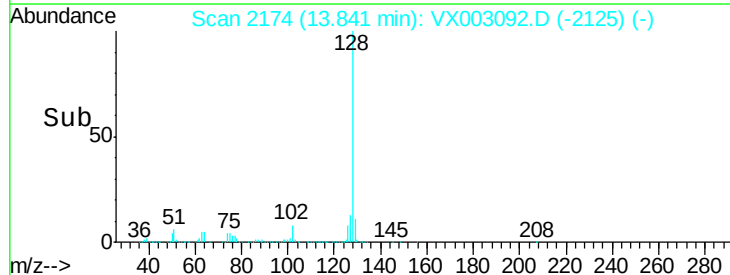
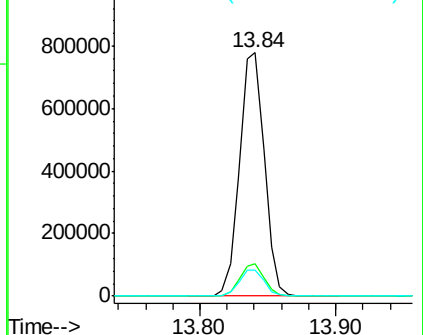
Lab File: VX003092.D

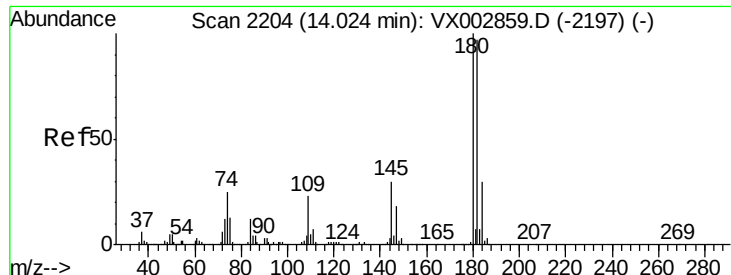
Acq: 30 Jun 2018 21:09

Tgt Ion:	128	Resp:	987634
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.60 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003092.D
 Acq: 30 Jun 2018 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	48.0	144.0
145	29.8	14.8	44.3

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:20:08 PM

