

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003093.D
 Acq On : 30 Jun 2018 21:35
 Operator : JC/MD
 Sample : J3716-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Manual Integrations
 APPROVED

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 7/2/2018 4:19:36 PM

Quant Time: Jul 02 04:31:07 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	277513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180152	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	5.51	113	151648	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.72	98	526060	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.14	95	207057	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	143856	58.11	ug/l	98
3) Chloromethane	1.32	50	138832	54.06	ug/l	99
4) Vinyl Chloride	1.40	62	157501	50.18	ug/l	95
5) Bromomethane	1.64	94	61157	41.27	ug/l	99
6) Chloroethane	1.72	64	100126	54.57	ug/l	99
7) Trichlorofluoromethane	1.93	101	249312	47.09	ug/l	97
8) Diethyl Ether	2.19	74	92977	48.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140614	45.84	ug/l	98
10) Methyl Iodide	2.51	142	143765	46.69	ug/l	97
11) Tert butyl alcohol	3.08	59	160852	210.51	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128591	46.98	ug/l	94
13) Acrolein	2.29	56	56565	135.50	ug/l	98
14) Allyl chloride	2.73	41	248404	46.04	ug/l	96
15) Acrylonitrile	3.15	53	395055	242.05	ug/l	99
16) Acetone	2.45	43	350694	220.77	ug/l	96
17) Carbon Disulfide	2.57	76	334311	45.85	ug/l	98
18) Methyl Acetate	2.78	43	180024	40.53	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	473073	48.08	ug/l	99
20) Methylene Chloride	2.86	84	144620	46.78	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139604	46.83	ug/l	95
22) Diisopropyl ether	3.88	45	509279	49.38	ug/l	99
23) Vinyl Acetate	3.83	43	2069285	236.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	265406	47.35	ug/l	99
25) 2-Butanone	4.71	43	579440	245.79	ug/l	98
26) 2,2-Dichloropropane	4.59	77	162514	35.66	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	167317	50.06	ug/l	92
28) Bromochloromethane	5.03	49	130445	48.62	ug/l	92
29) Tetrahydrofuran	5.17	42	373087	246.78	ug/l	96
30) Chloroform	5.22	83	285504	49.63	ug/l	100
31) Cyclohexane	5.57	56	336281	69.91	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	252511	49.89	ug/l	98
36) 1,1-Dichloropropene	5.81	75	202663	47.78	ug/l	99
37) Ethyl Acetate	4.87	43	214856	47.04	ug/l	99
38) Carbon Tetrachloride	5.79	117	224567	48.24	ug/l	100

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Manual Integrations
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Quant Time: Jul 02 04:31:07 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)
39) Methylcyclohexane	7.46	83	326008	65.98	ug/l	97
40) Benzene	6.15	78	604571	49.05	ug/l	100
41) Methacrylonitrile	5.07	41	132242	50.28	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231175	46.43	ug/l	98
43) Isopropyl Acetate	6.47	43	359082	46.88	ug/l	98
44) Trichloroethene	7.22	130	176038	47.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	160332	49.04	ug/l	97
46) Dibromomethane	7.67	93	109604	48.31	ug/l	96
47) Bromodichloromethane	7.90	83	208884	49.80	ug/l	99
48) Methyl methacrylate	7.78	41	196260	49.73	ug/l	97
49) 1,4-Dioxane	7.76	88	65365	851.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1186341	247.54	ug/l	97
52) Toluene	8.79	92	390023	49.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230905	48.61	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	216872	47.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162460	50.07	ug/l	98
56) Ethyl methacrylate	9.18	69	247831	52.26	ug/l	94
57) 1,3-Dichloropropane	9.38	76	263632	49.47	ug/l	100
59) 2-Hexanone	9.50	43	894543	245.60	ug/l	96
60) Dibromochloromethane	9.59	129	175028	51.24	ug/l	98
61) 1,2-Dibromoethane	9.68	107	171207	50.31	ug/l	100
64) Tetrachloroethene	9.34	164	183587	45.09	ug/l	98
65) Chlorobenzene	10.14	112	451147	48.50	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170140	50.35	ug/l	100
67) Ethyl Benzene	10.26	91	1031883	67.16	ug/l	99
68) m/p-Xylenes	10.36	106	1168343	197.30	ug/l	97
69) o-Xylene	10.70	106	291407	50.54	ug/l	98
70) Stvrene	10.71	104	483094	51.56	ug/l	99
71) Bromoform	10.86	173	135668	44.87	ug/l	# 100
73) Isopropylbenzene	11.02	105	1046686	68.04	ug/l	100
74) N-amyl acetate	6.47	43	359082	47.70	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	242337	51.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	234763m	56.67	ug/l	
77) Bromobenzene	11.26	156	220414	50.31	ug/l	97
78) n-propylbenzene	11.37	91	1124920	64.24	ug/l	98
79) 2-Chlorotoluene	11.43	91	649217	61.24	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	1047014	80.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58763	41.75	ug/l	99
82) 4-Chlorotoluene	11.51	91	662211	52.76	ug/l	99
83) tert-Butylbenzene	11.77	119	674774	52.84	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1792489	133.52	ug/l	98
85) sec-Butylbenzene	11.95	105	783238	50.56	ug/l	98
86) p-Isopropyltoluene	12.07	119	710850	51.04	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	398485	49.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400850	48.68	ug/l	99
89) n-Butylbenzene	12.39	91	599547	49.46	ug/l	98
90) Hexachloroethane	12.60	117	108574	52.41	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	401795	49.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54233	50.91	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	291110	49.53	ug/l	99

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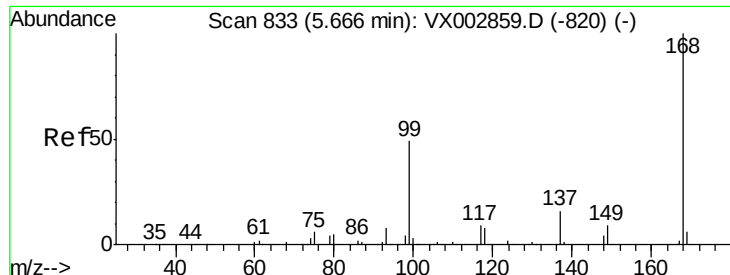
Manual Integrations
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7/2/2018 4:19:36 PM

Quant Time: Jul 02 04:31:07 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)
94) Hexachlorobutadiene	13.79	225	138830	47.36	ug/l	99
95) Naphthalene	13.84	128	987132	63.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297718	50.71	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion:168 Resp: 277513

Ion Ratio Lower Upper

168 100

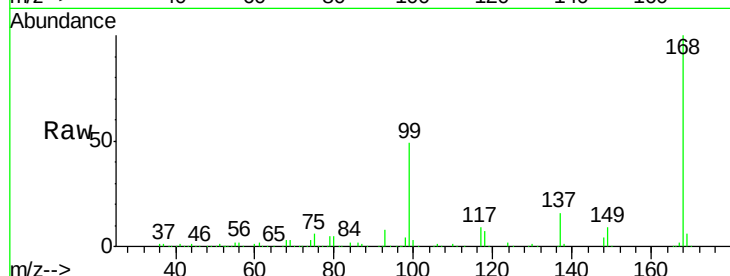
99 49.2 39.3 58.9

Manual Integrations

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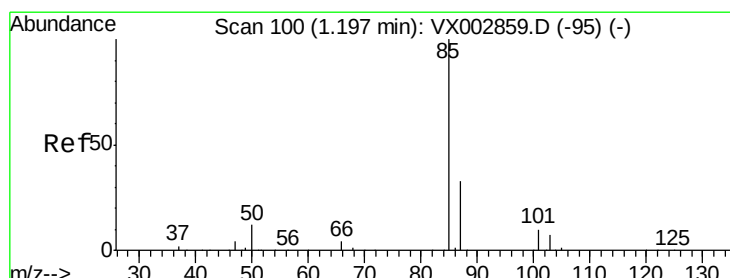
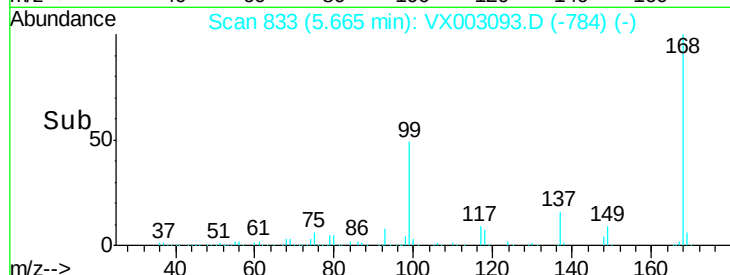
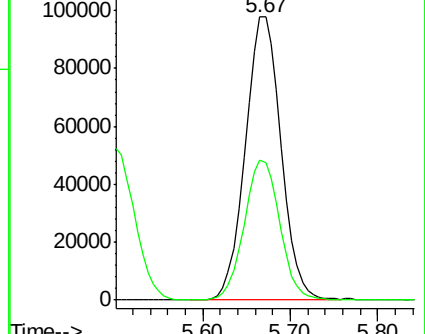
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 58.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003093.D

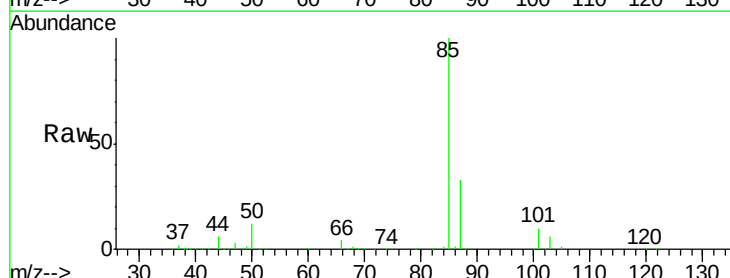
Acq: 30 Jun 2018 21:35

Tgt Ion: 85 Resp: 143856

Ion Ratio Lower Upper

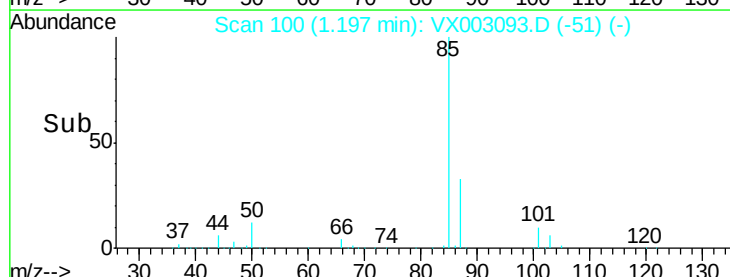
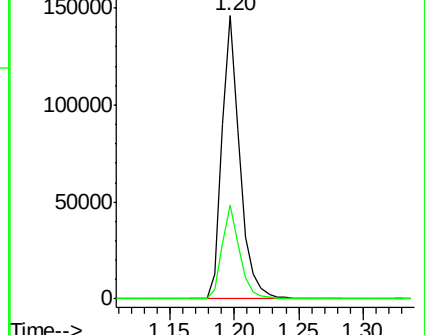
85 100

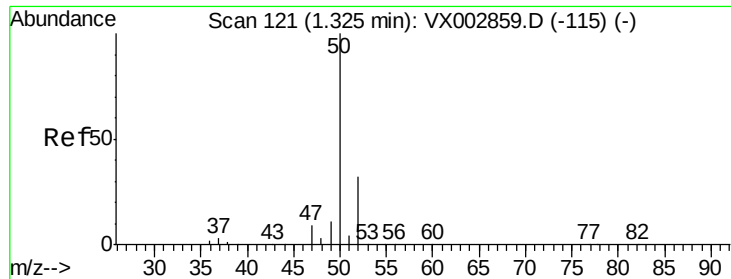
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 50 Resp: 138832

Ion Ratio Lower Upper

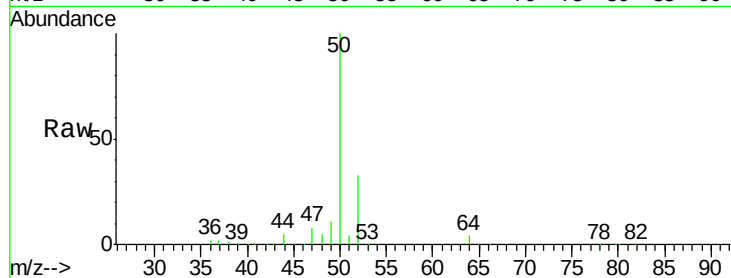
50 100

52 32.8 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

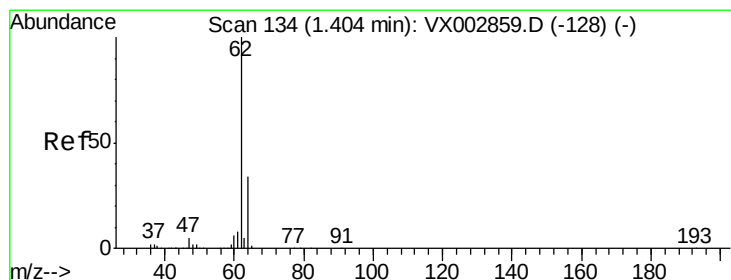
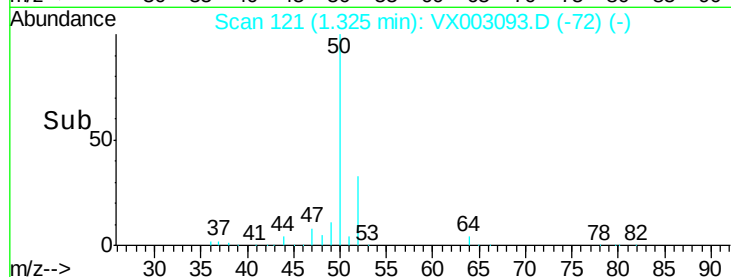
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.18 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003093.D

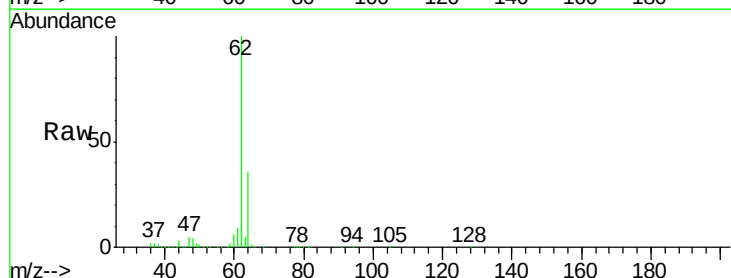
Acq: 30 Jun 2018 21:35

Tgt Ion: 62 Resp: 157501

Ion Ratio Lower Upper

62 100

64 34.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

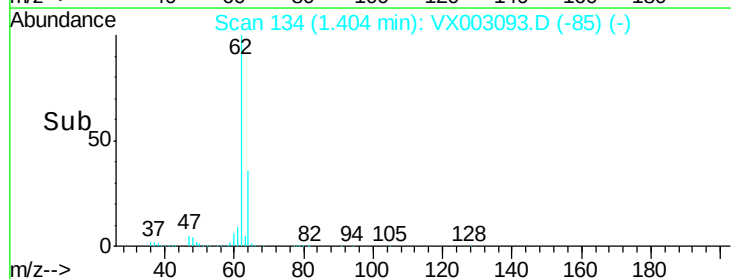
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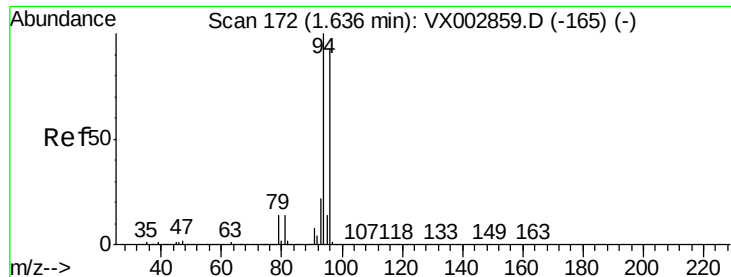
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.27 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 94 Resp: 61157

Ion Ratio Lower Upper

94 100

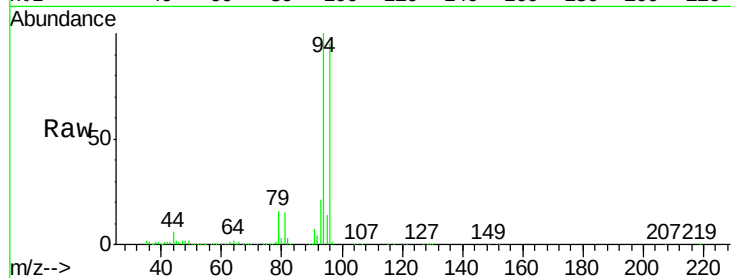
96 94.8 74.9 112.3

Manual Integrations

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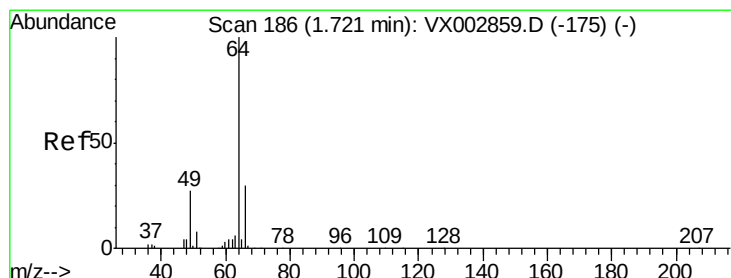
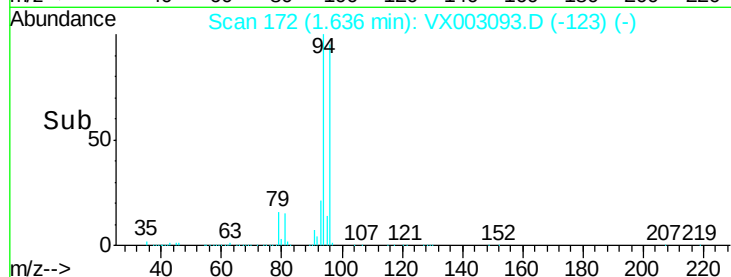
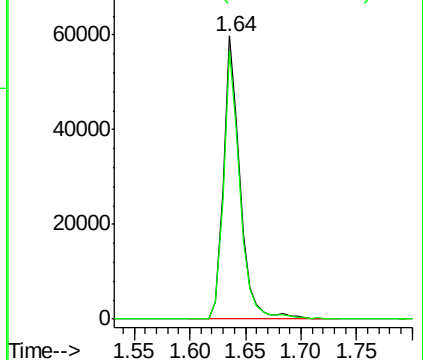
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.57 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003093.D

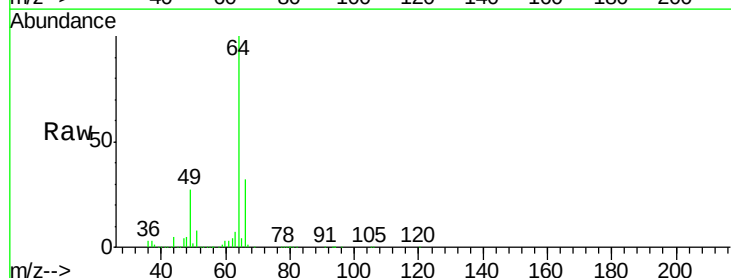
Acq: 30 Jun 2018 21:35

Tgt Ion: 64 Resp: 100126

Ion Ratio Lower Upper

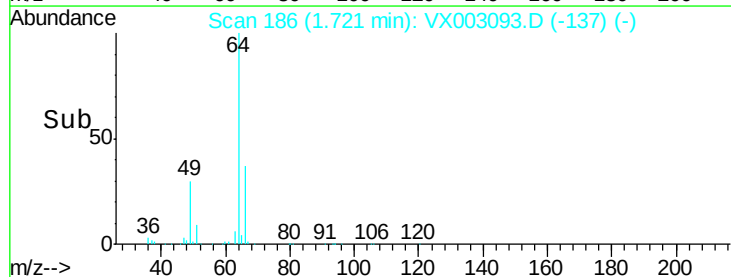
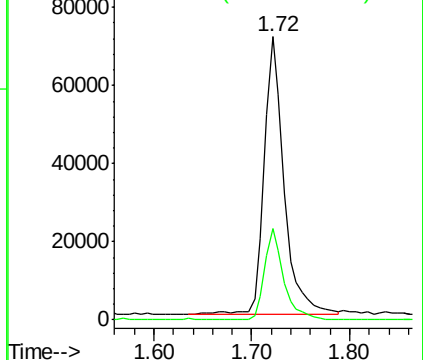
64 100

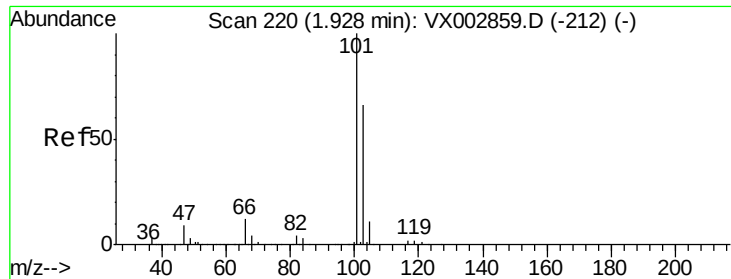
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

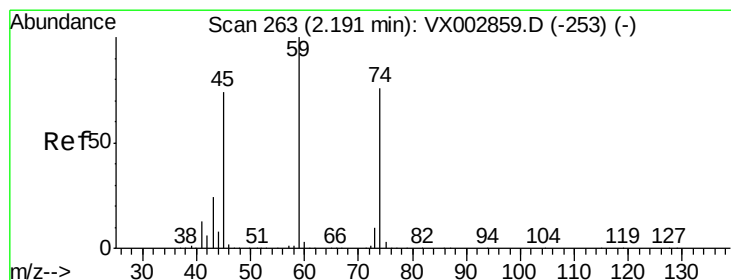
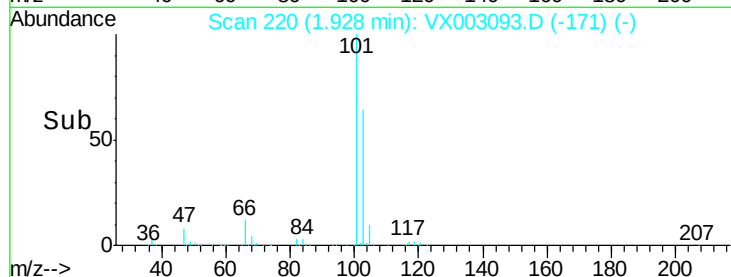
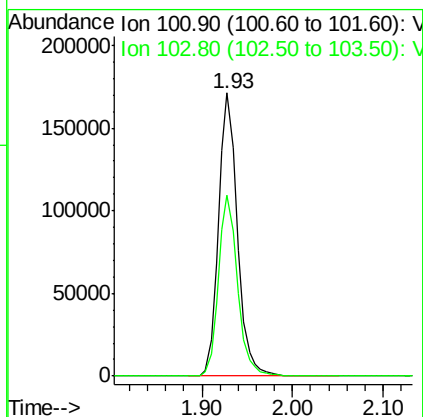
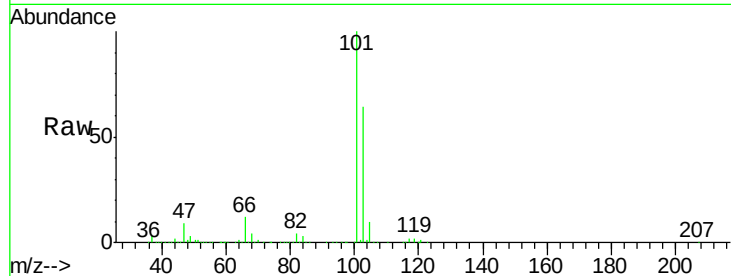
Trichlorofluoromethane
Concen: 47.09 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

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ClientSampleId :
S22-0037MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	249312		
103	64.0	52.8	79.2	

Manual Integrations
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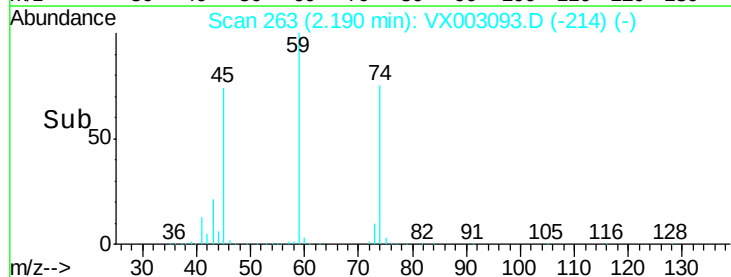
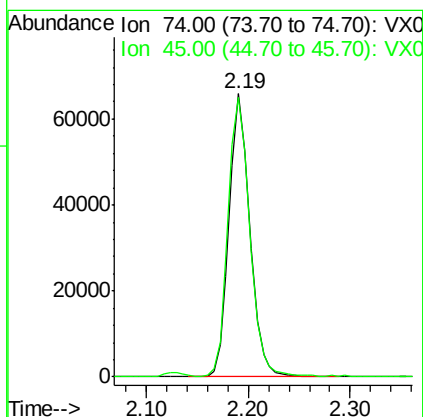
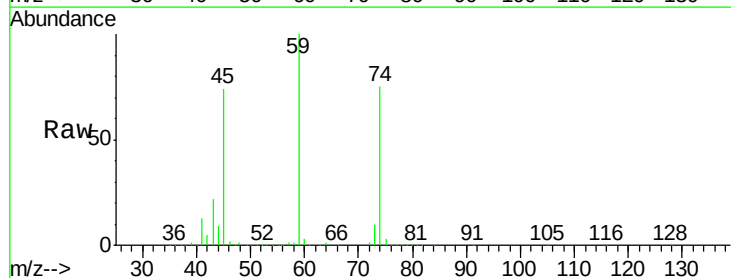
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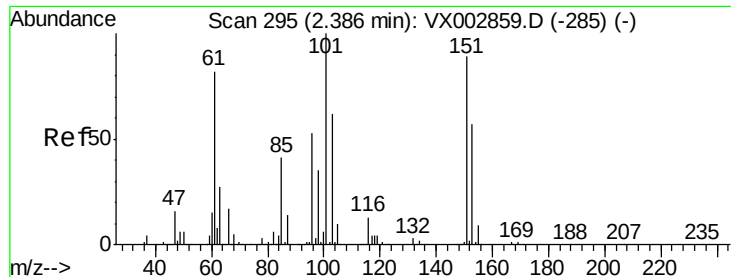


#8

Diethyl Ether
Concen: 48.31 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92977		
45	102.1	53.1	159.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

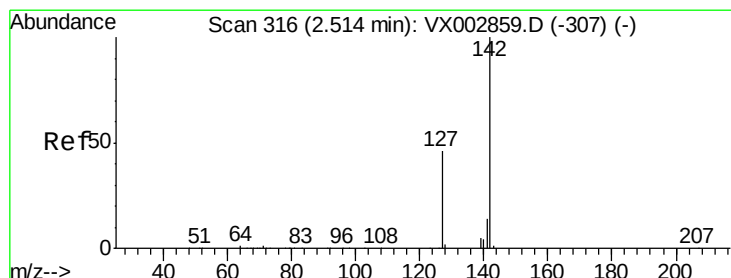
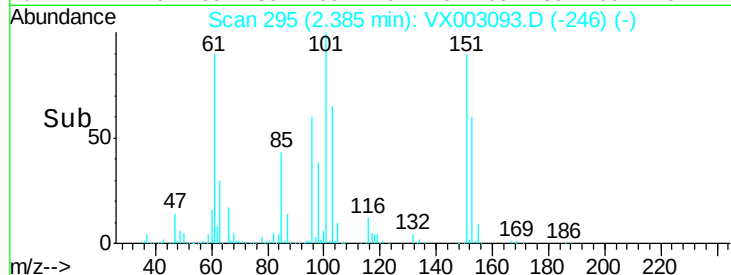
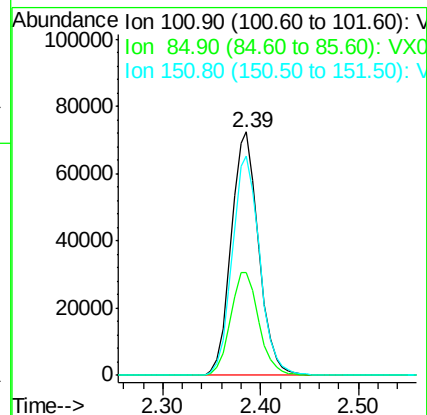
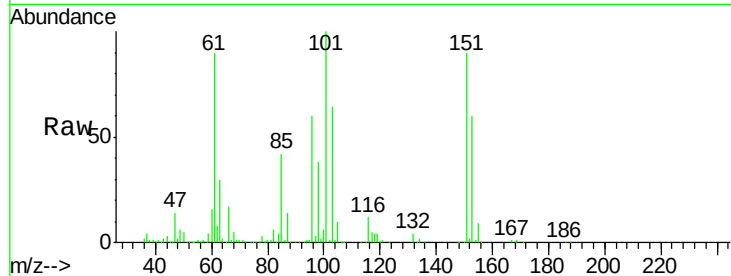
ClientSampleId :

S22-0037MSD

Tot Ion:	101	Resp:	140614
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	90.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 46.69 ug/l

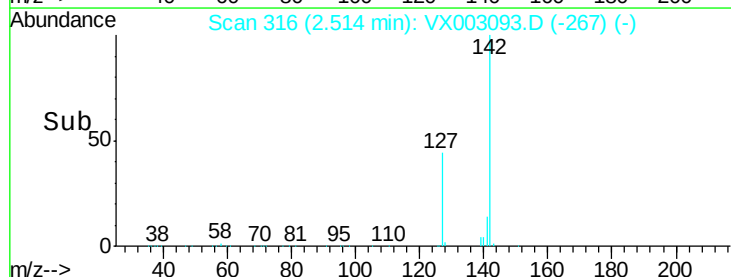
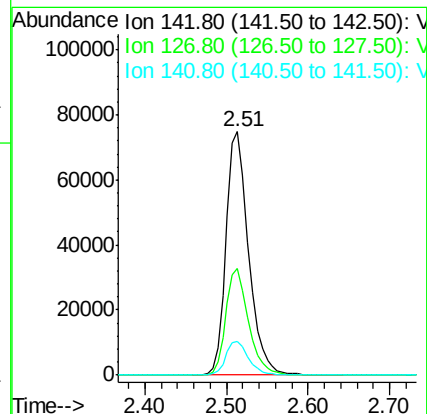
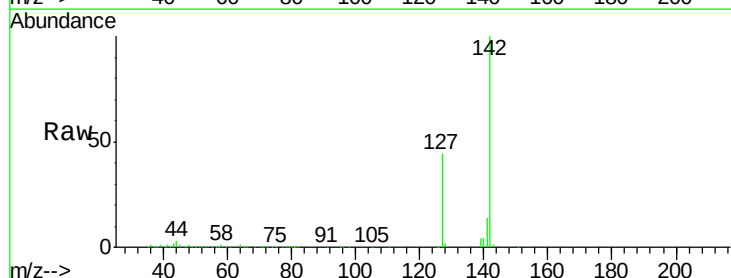
RT: 2.51 min Scan# 316

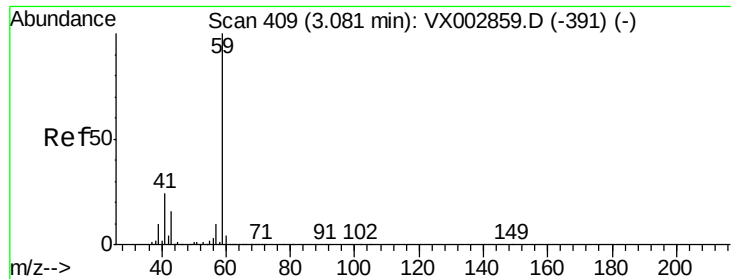
Delta R.T. 0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion:	142	Resp:	143765
Ion Ratio	Lower	Upper	
142	100		
127	43.6	36.6	55.0
141	14.1	11.3	16.9





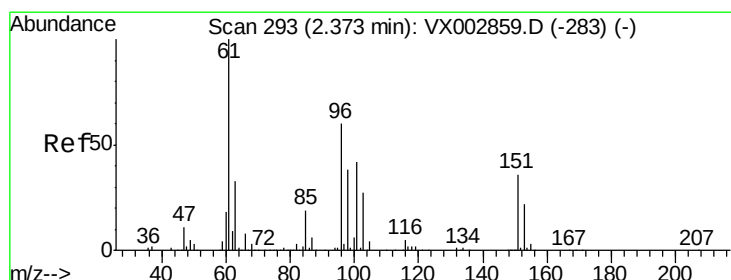
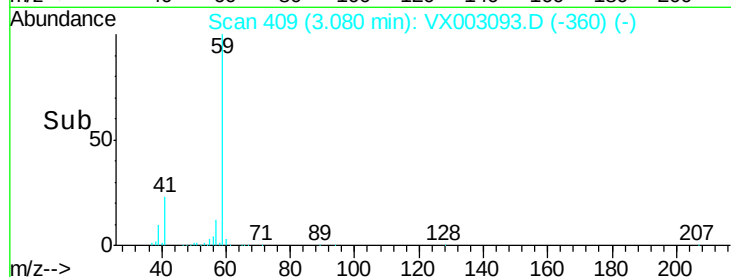
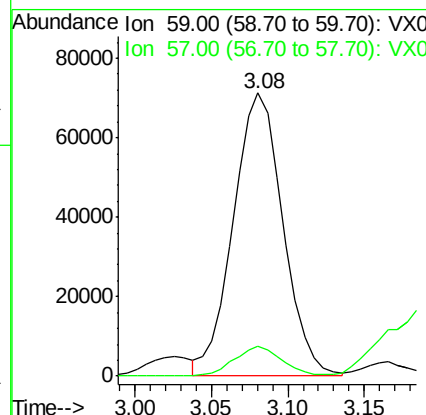
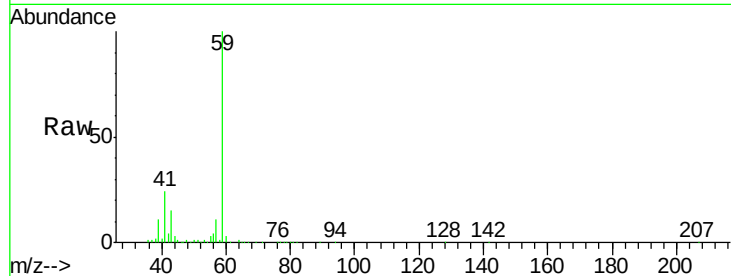
#11
Tert butyl alcohol
Concen: 210.51 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

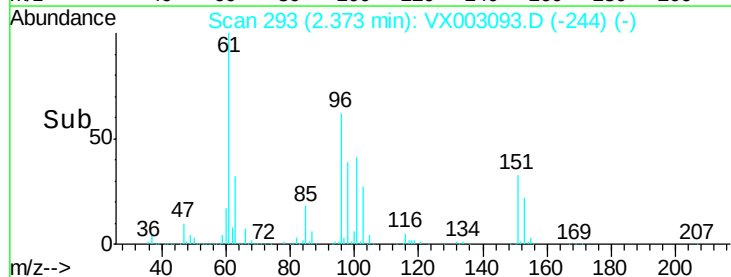
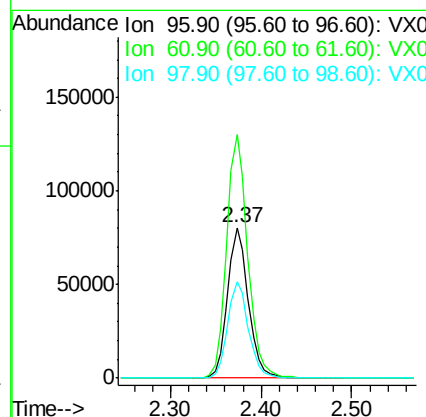
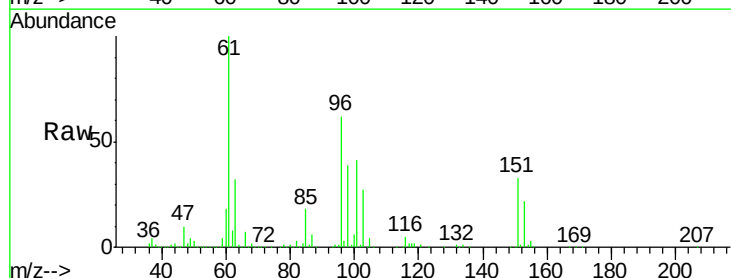
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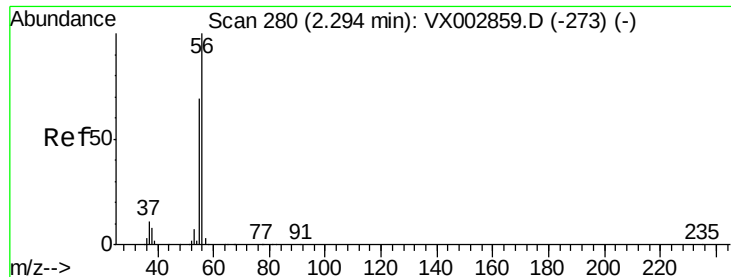
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#12
1,1-Dichloroethene
Concen: 46.98 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	137.9	206.9
98	63.6	51.6	77.4





#13

Acrolein

Concen: 135.50 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MSD

Tot Ion: 56 Resp: 56565

Ion Ratio Lower Upper

56 100

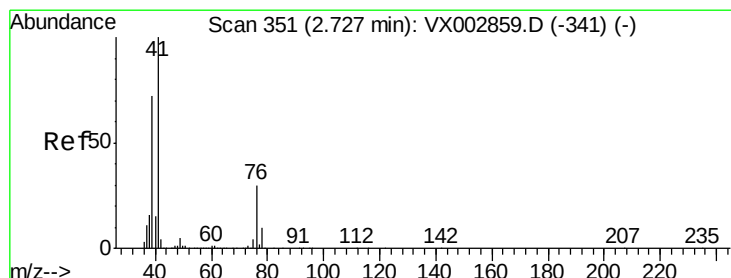
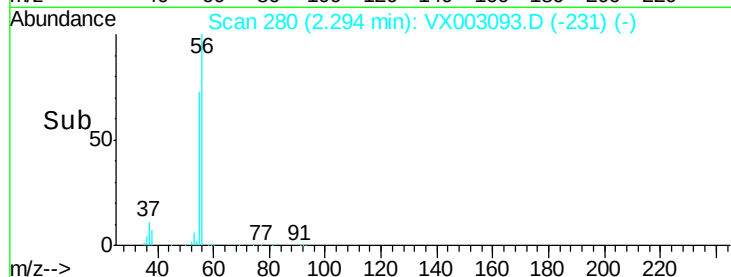
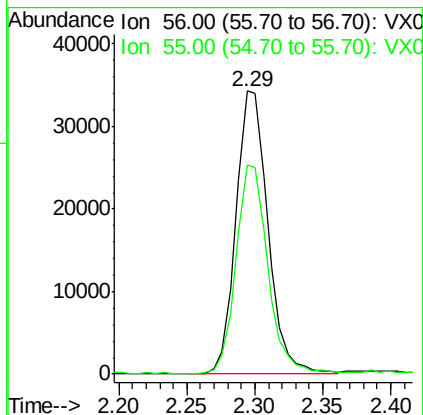
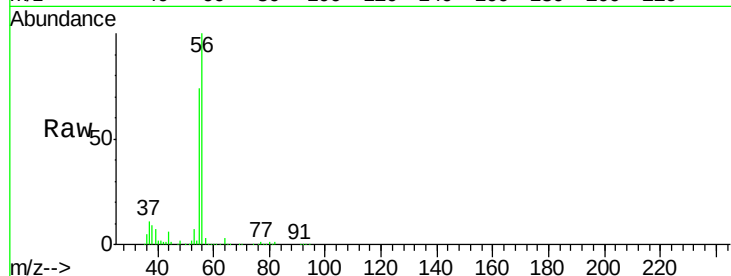
55 72.6 57.0 85.4

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#14

Allyl chloride

Concen: 46.04 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

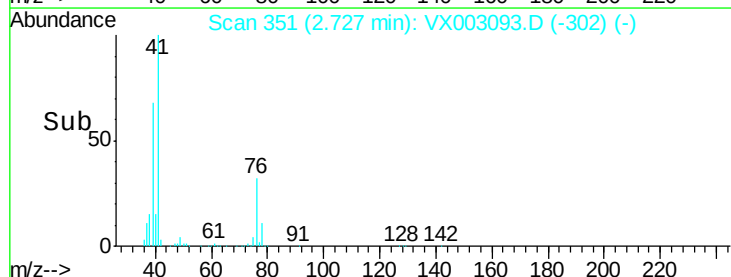
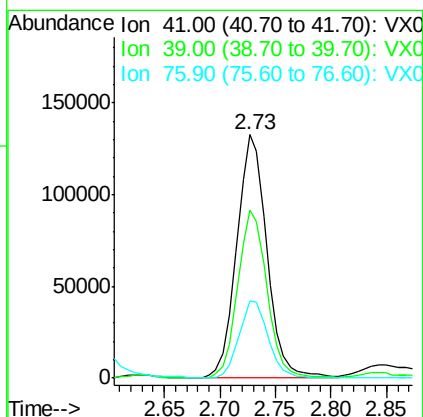
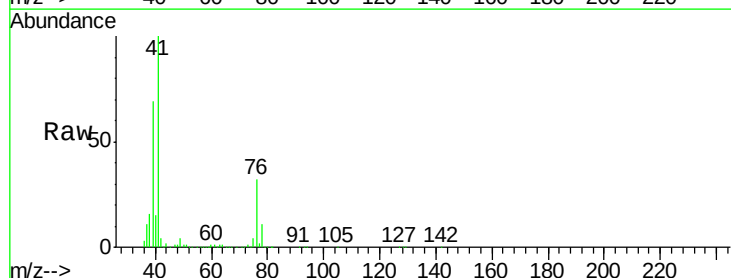
Tgt Ion: 41 Resp: 248404

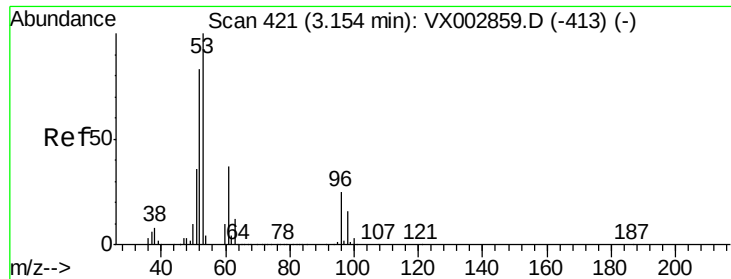
Ion Ratio Lower Upper

41 100

39 66.6 56.8 85.2

76 30.7 23.8 35.8





#15

Acrylonitrile

Concen: 242.05 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

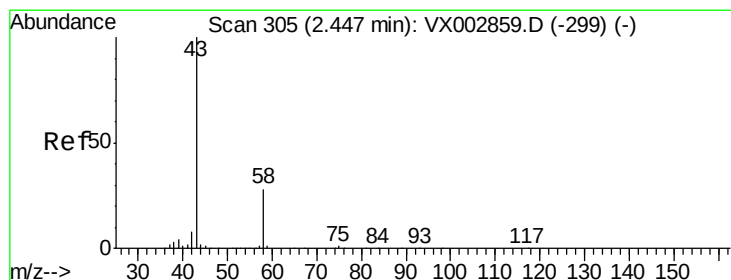
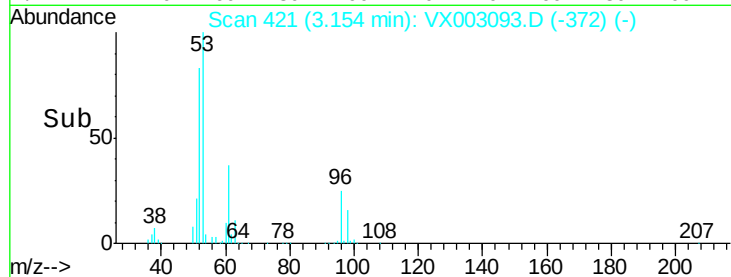
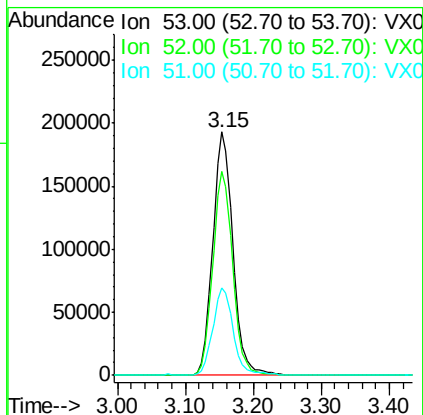
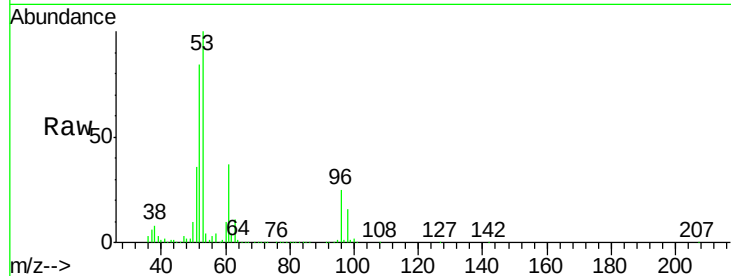
ClientSampled :

S22-0037MSD

Tot Ion:	53	Resp:	395055
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 220.77 ug/l

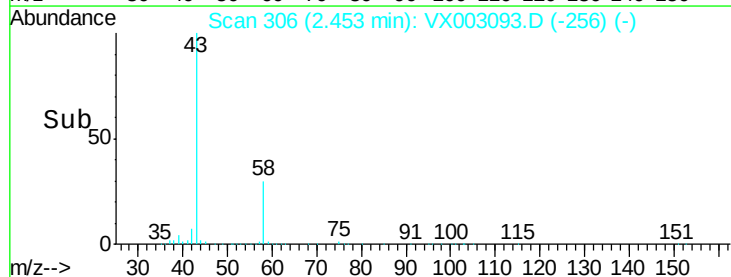
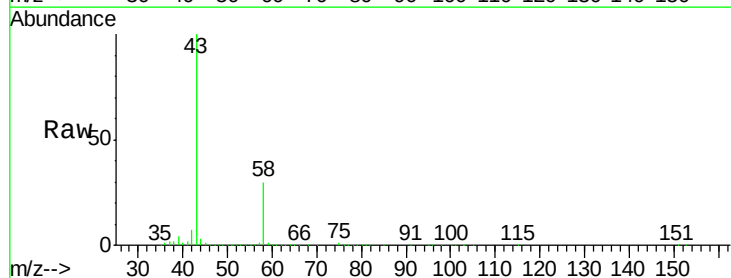
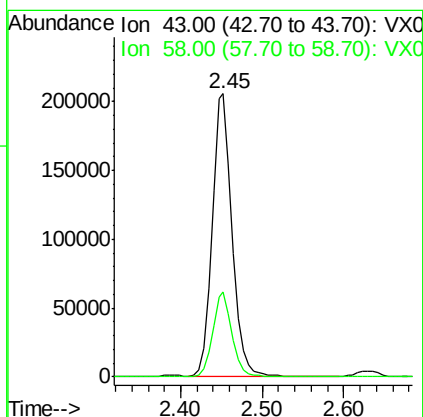
RT: 2.45 min Scan# 306

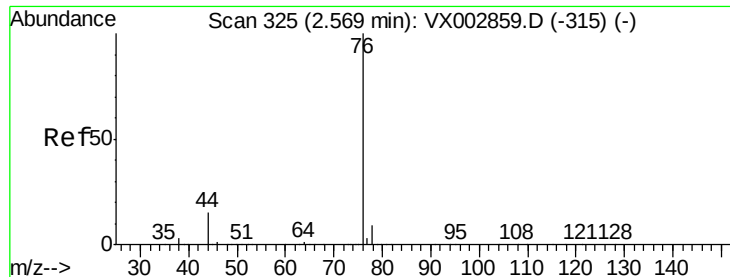
Delta R.T. 0.01 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion:	43	Resp:	350694
Ion Ratio		Lower	Upper
43	100		
58	29.8	22.1	33.1





#17

Carbon Disulfide

Concen: 45.85 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MSD

Tot Ion: 76 Resp: 334311

Ion Ratio Lower Upper

76 100

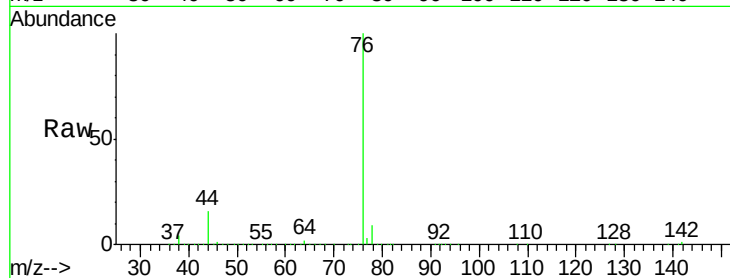
78 9.3 6.9 10.3

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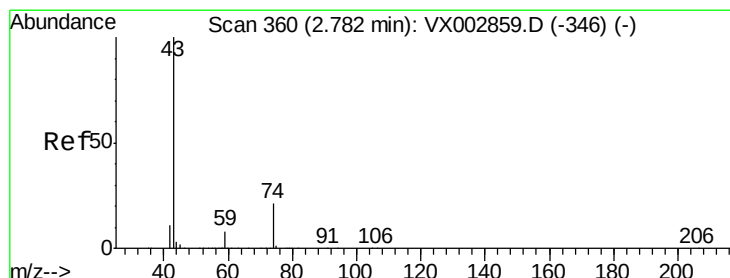
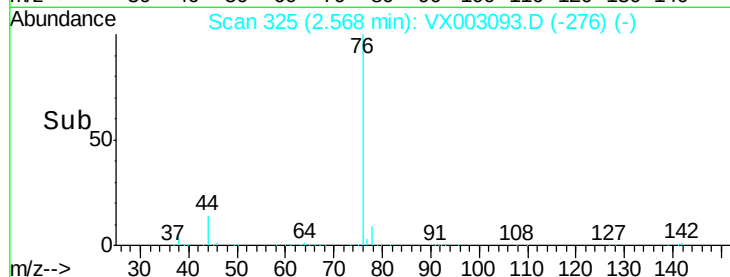
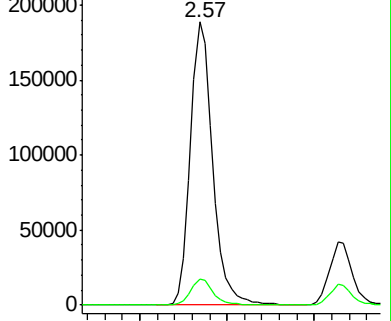
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 40.53 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003093.D

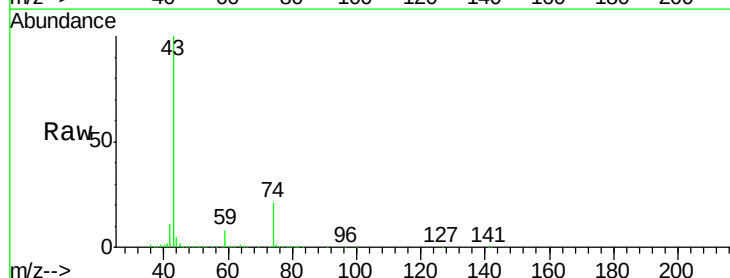
Acq: 30 Jun 2018 21:35

Tgt Ion: 43 Resp: 180024

Ion Ratio Lower Upper

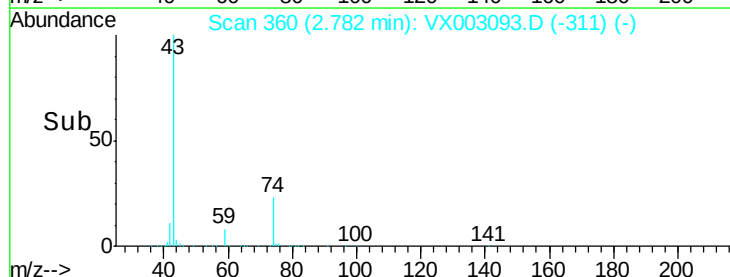
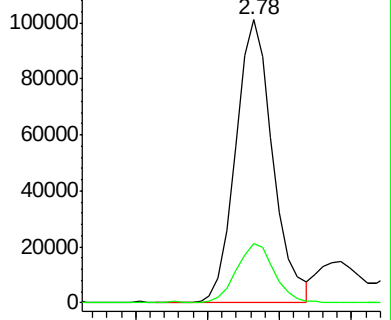
43 100

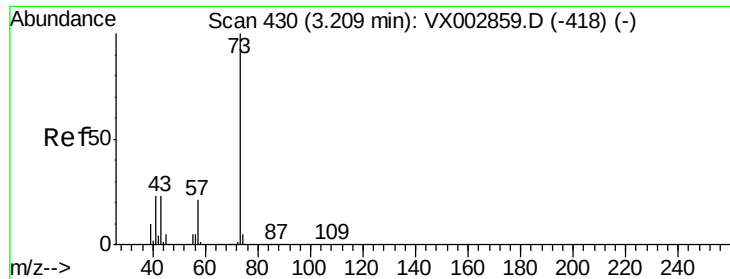
74 21.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





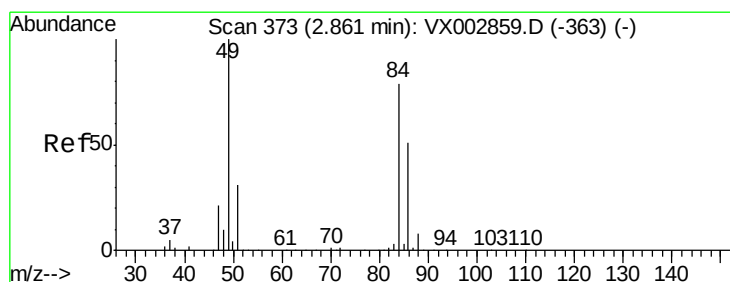
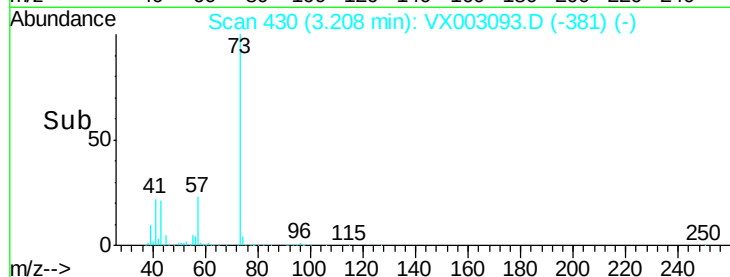
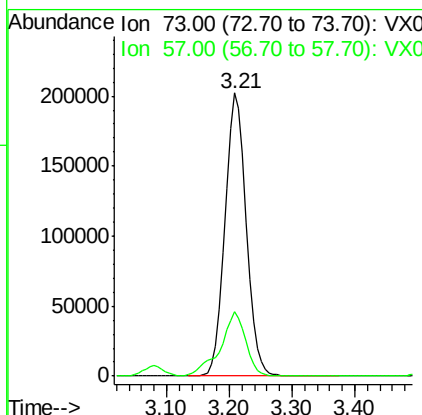
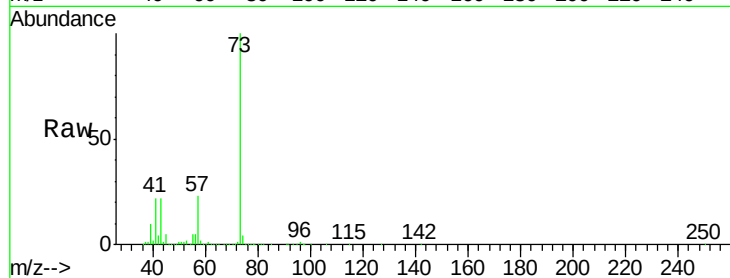
#19
Methyl tert-butyl Ether
Concen: 48.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion: 73 Resp: 473073
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

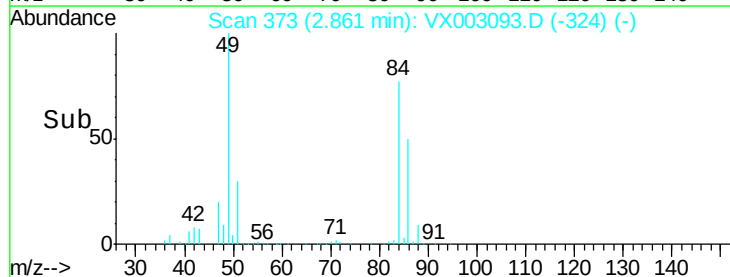
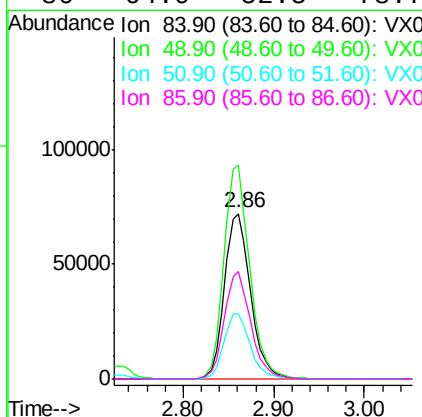
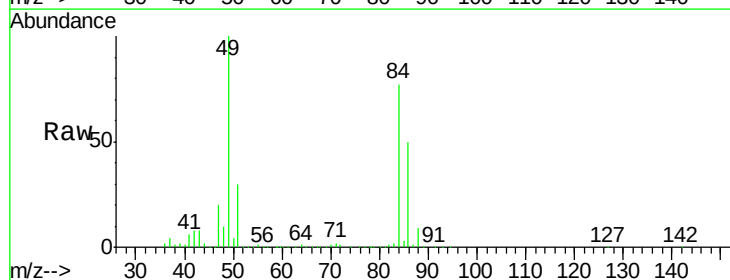
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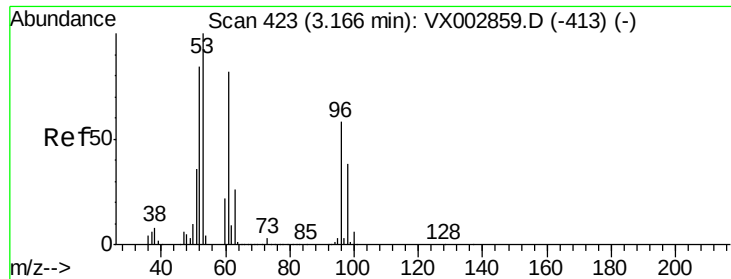
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#20
Methylene Chloride
Concen: 46.78 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion: 84 Resp: 144620
Ion Ratio Lower Upper
84 100
49 129.2 107.8 161.6
51 39.2 32.8 49.2
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

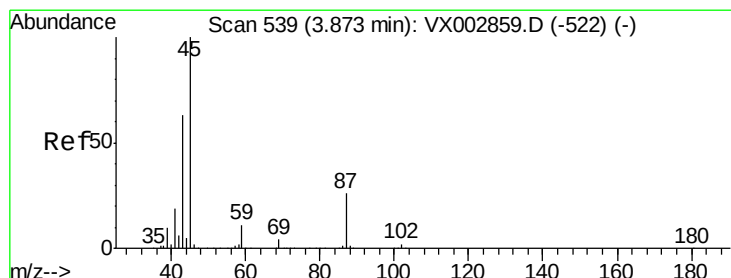
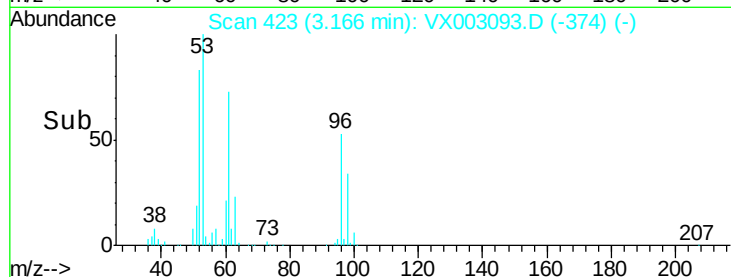
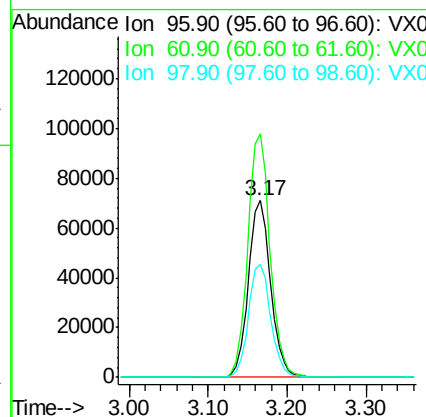
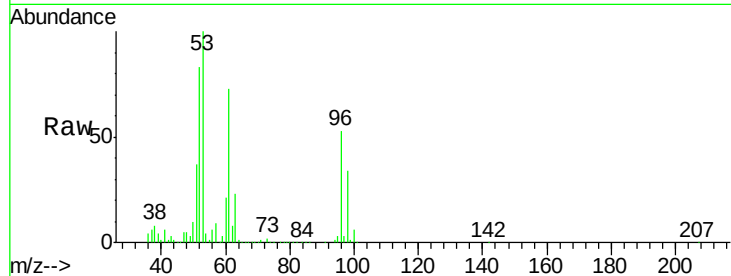
ClientSampleId :

S22-0037MSD

Tot Ion:	96	Resp:	139604
Ion	Ratio	Lower	Upper
96	100		
61	137.5	117.0	175.4
98	64.0	52.4	78.6

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#22

Diisopropyl ether

Concen: 49.38 ug/l

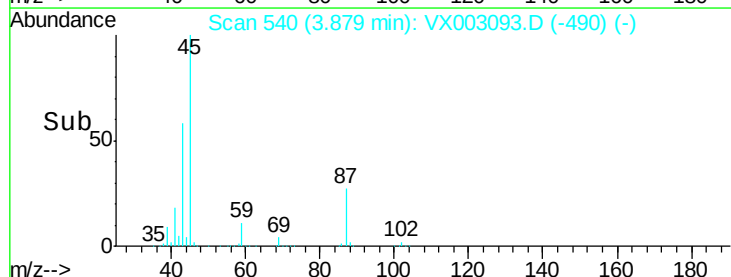
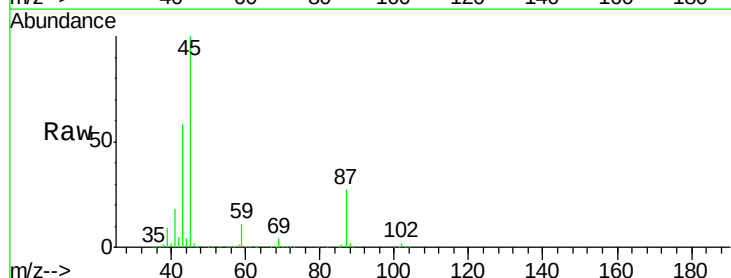
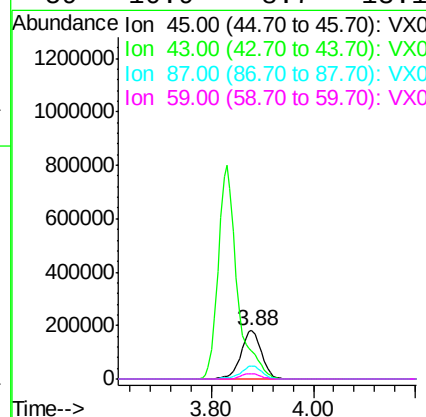
RT: 3.88 min Scan# 540

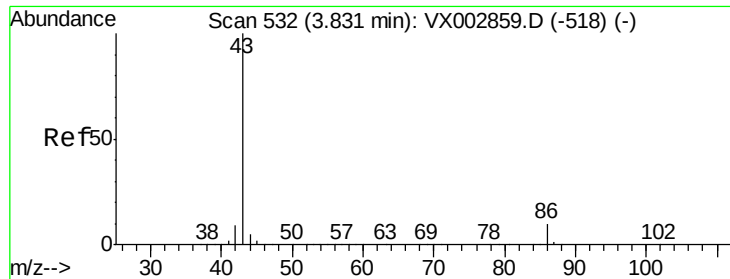
Delta R.T. 0.01 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion:	45	Resp:	509279
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.8	70.2
87	27.0	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 236.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 43 Resp: 2069285

Ion Ratio Lower Upper

43 100

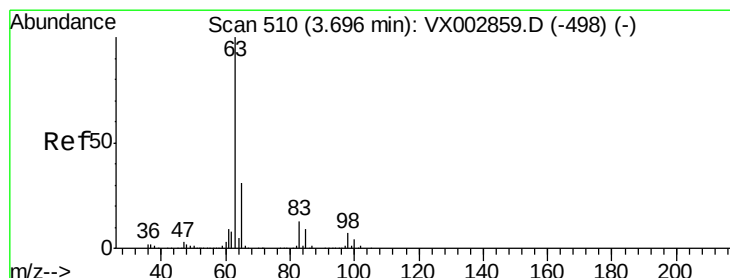
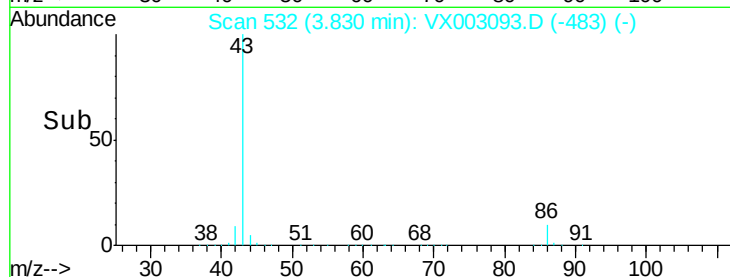
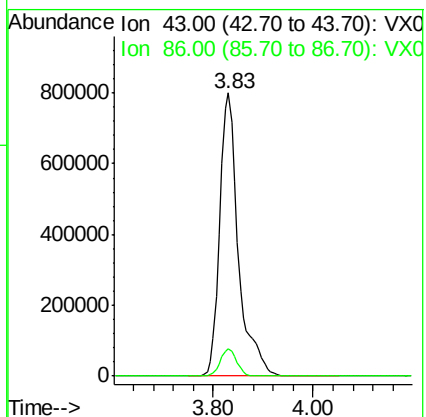
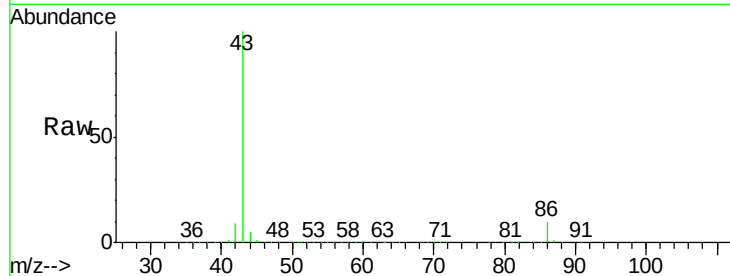
86 9.7 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 47.35 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

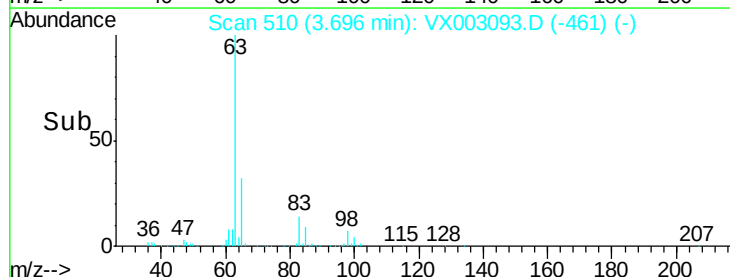
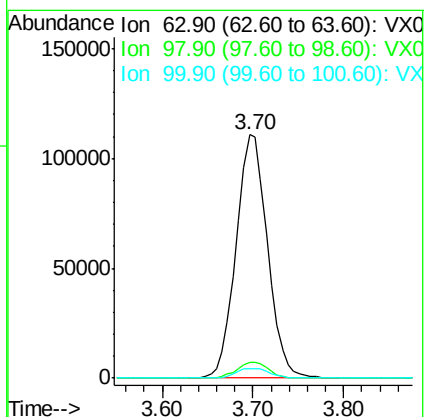
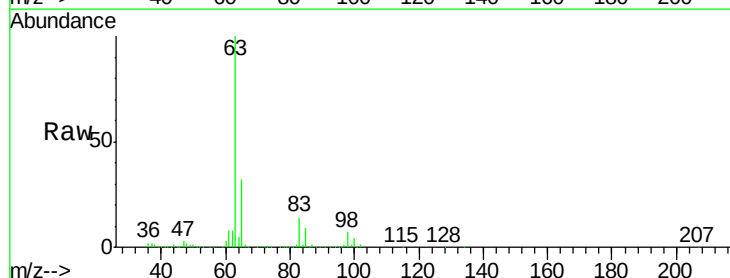
Tgt Ion: 63 Resp: 265406

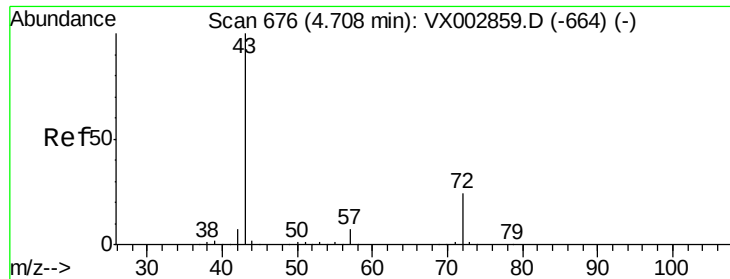
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 245.79 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 43 Resp: 579440

Ion Ratio Lower Upper

43 100

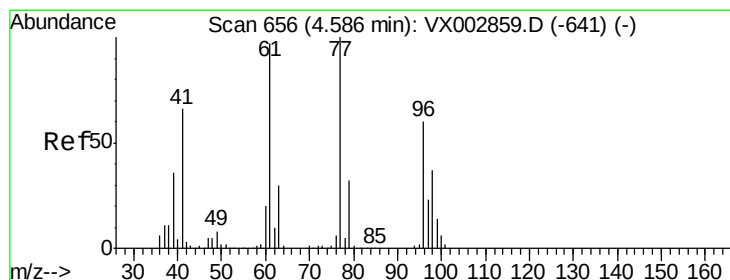
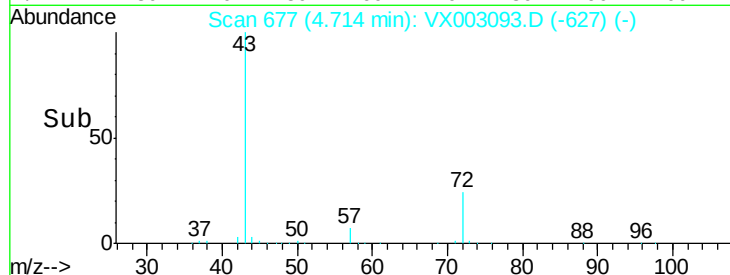
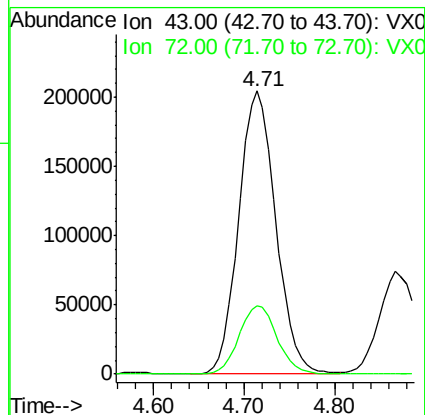
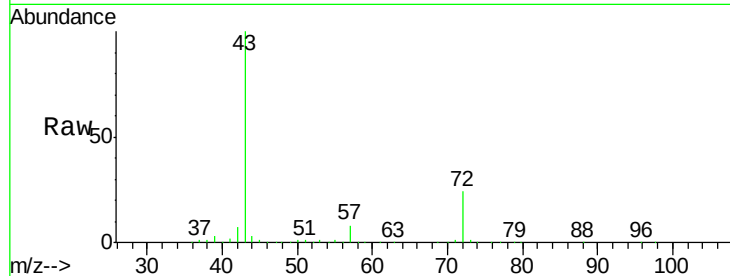
72 24.1 18.5 27.7

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#26

2,2-Dichloropropane

Concen: 35.66 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003093.D

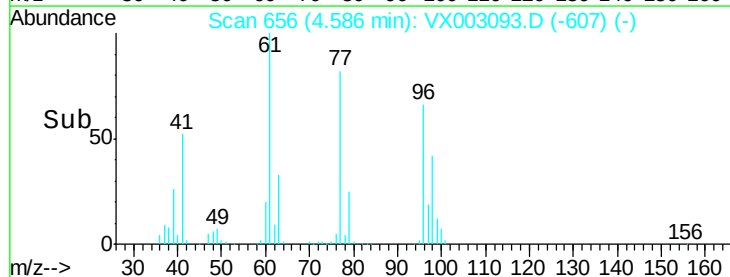
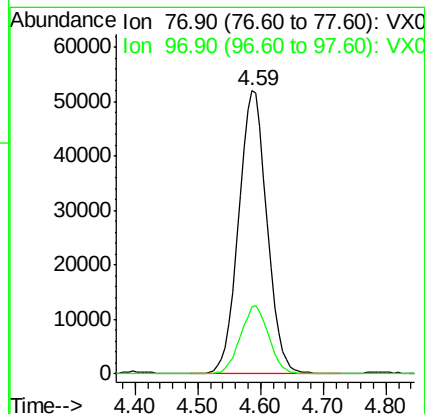
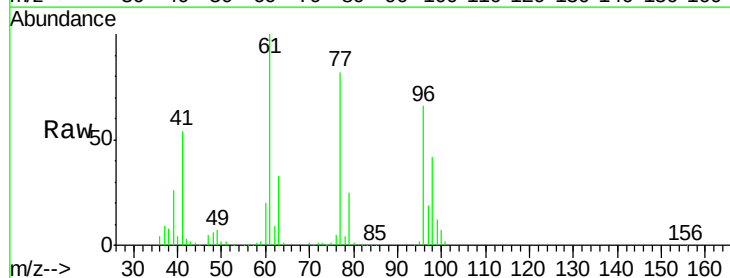
Acq: 30 Jun 2018 21:35

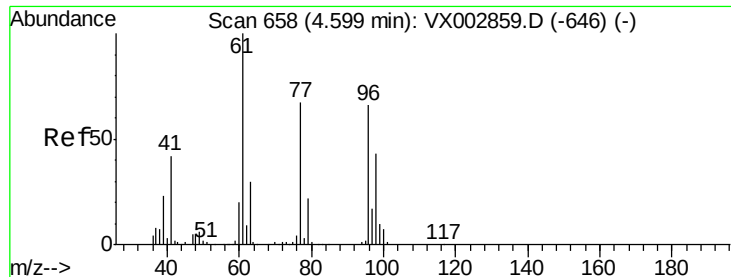
Tgt Ion: 77 Resp: 162514

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 50.06 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

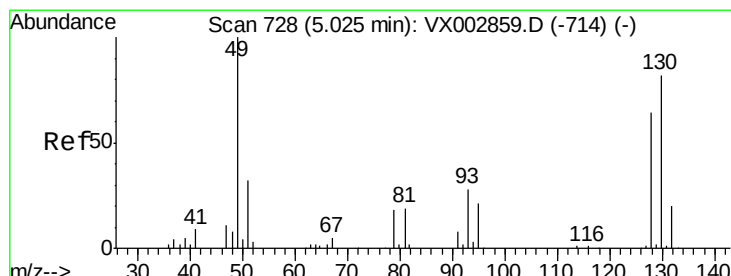
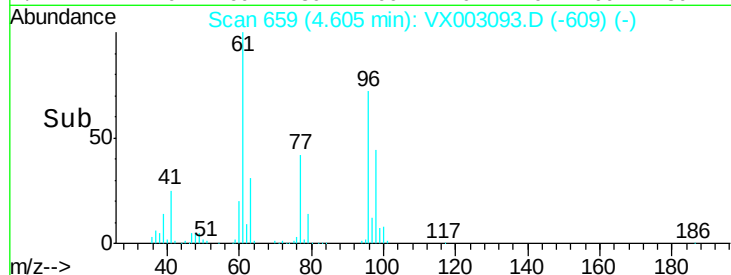
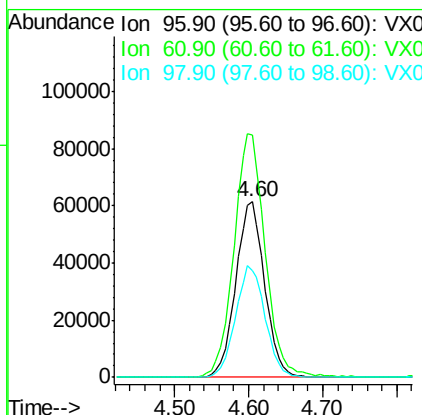
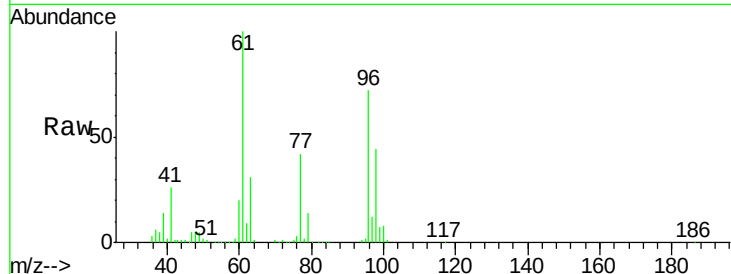
ClientSampled :

S22-0037MSD

Tot Ion:	96	Resp:	167317
Ion Ratio	Lower	Upper	
96	100		
61	150.5	0.0	330.2
98	65.1	0.0	130.2

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#28

Bromochloromethane

Concen: 48.62 ug/l

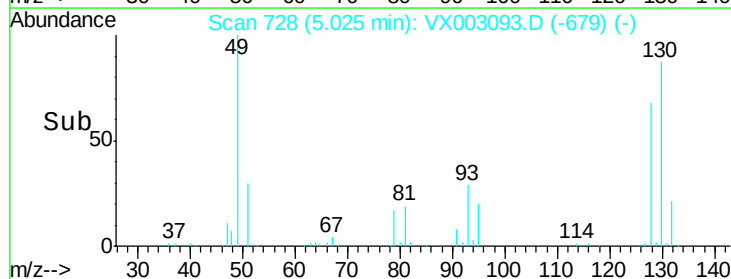
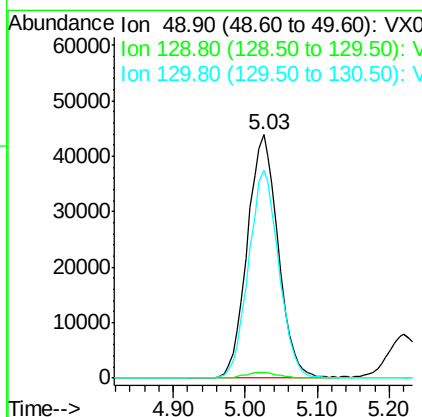
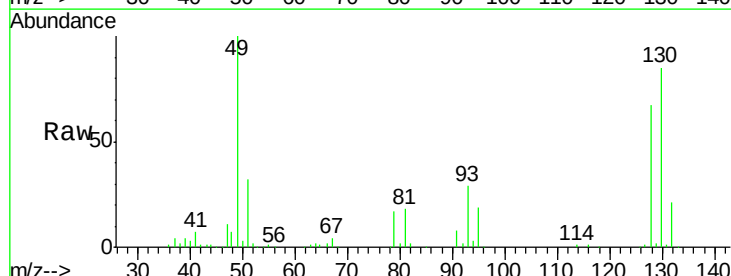
RT: 5.03 min Scan# 728

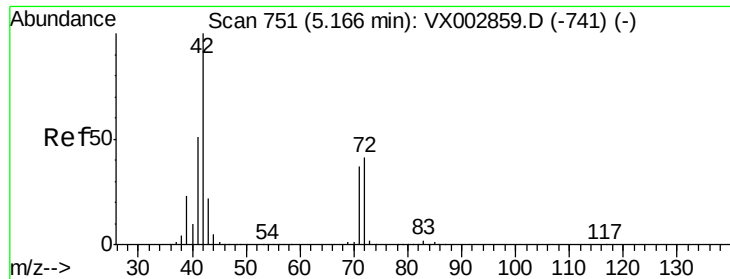
Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion:	49	Resp:	130445
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.2
130	83.7	61.2	91.8





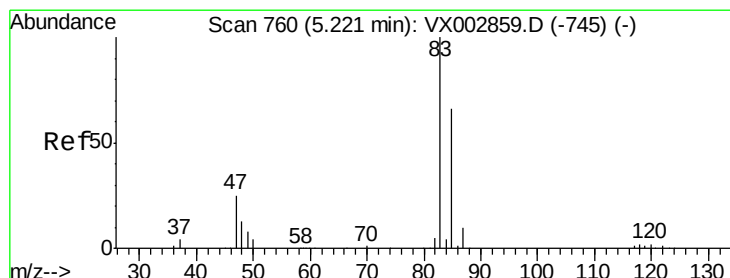
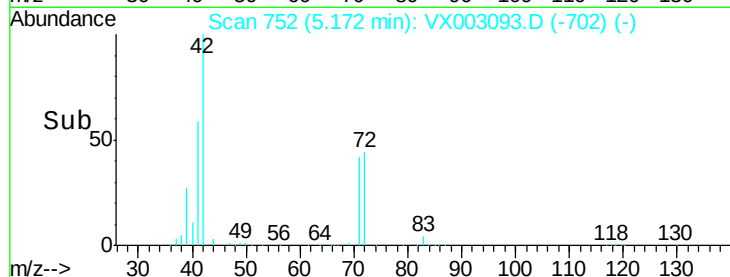
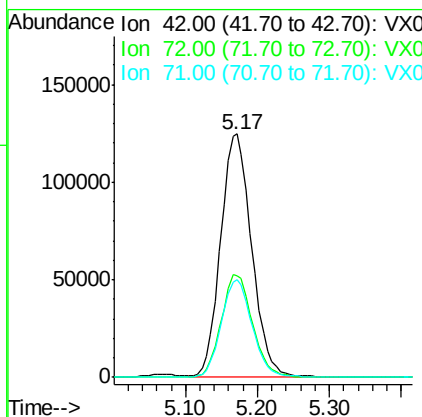
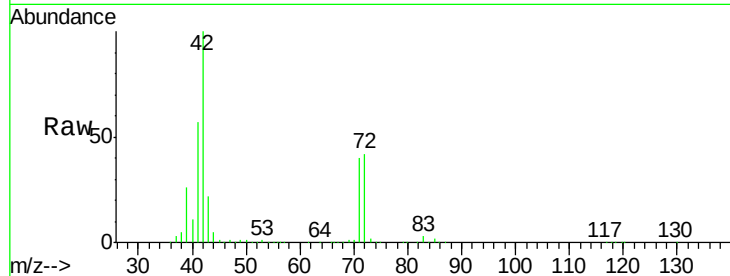
#29
Tetrahydrofuran
Concen: 246.78 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.0	48.0
71	40.0	30.1	45.1

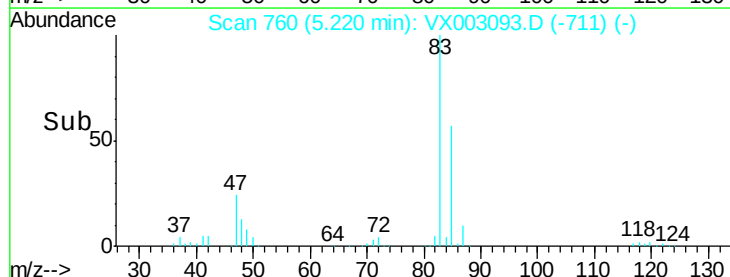
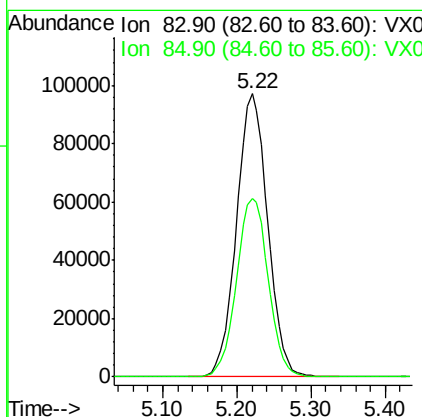
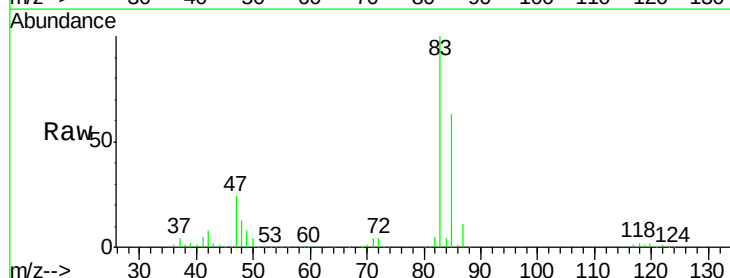
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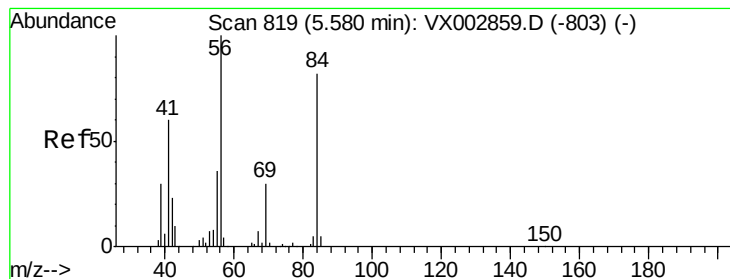
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#30
Chloroform
Concen: 49.63 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.4	75.6





#31

Cyclohexane

Concen: 69.91 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

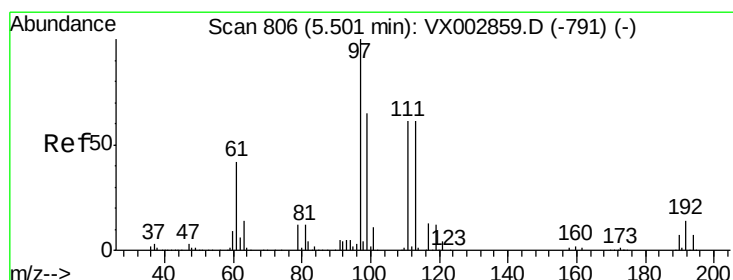
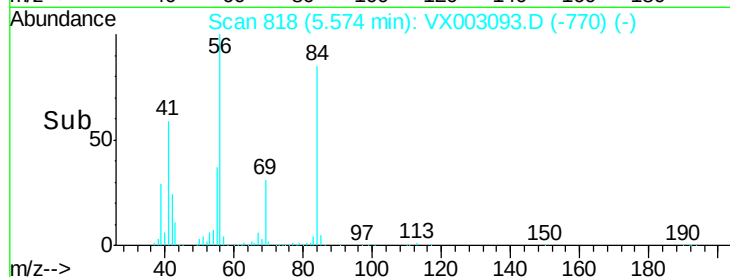
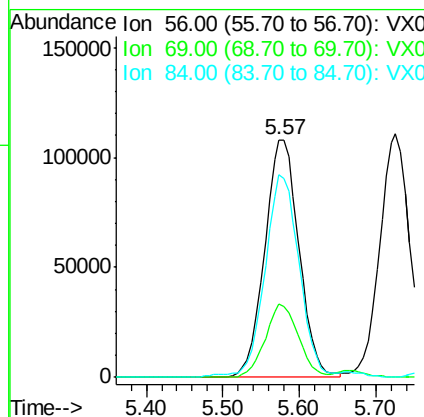
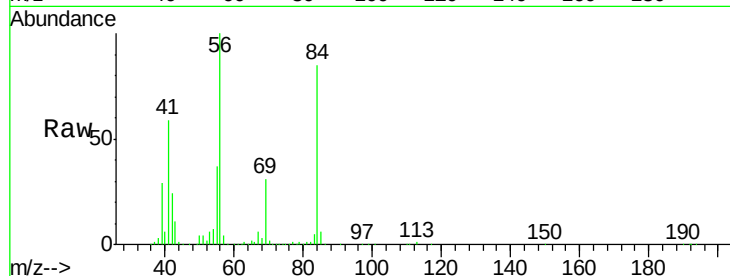
ClientSampled :

S22-0037MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.7	35.5
84	85.0	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 49.89 ug/l

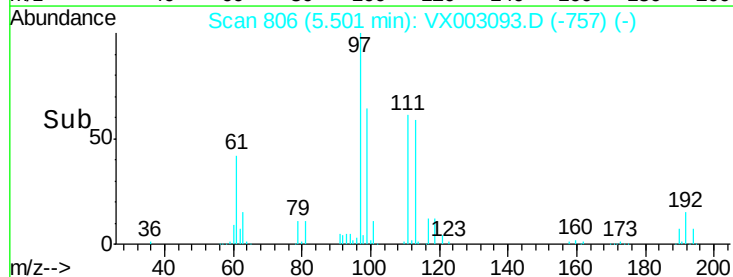
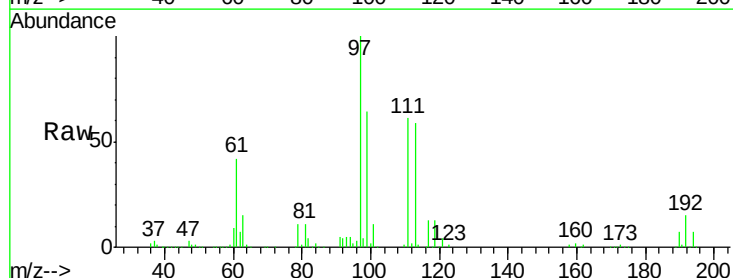
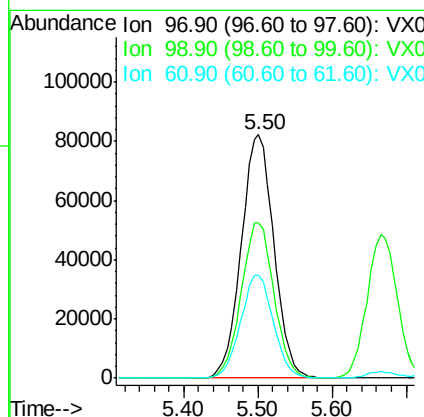
RT: 5.50 min Scan# 806

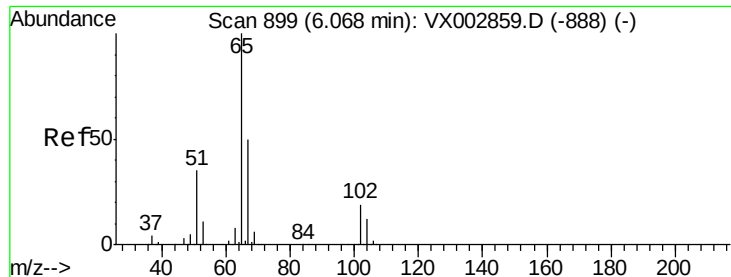
Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	42.9	36.4	54.6





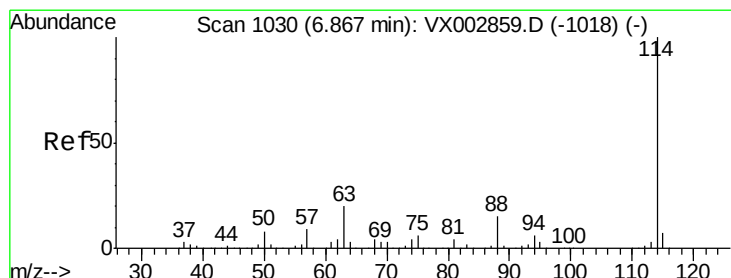
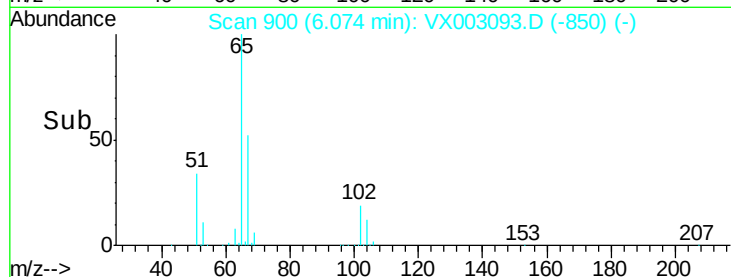
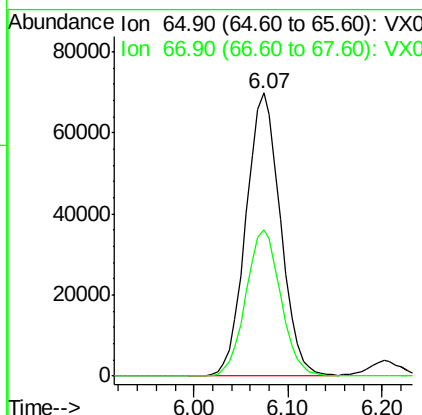
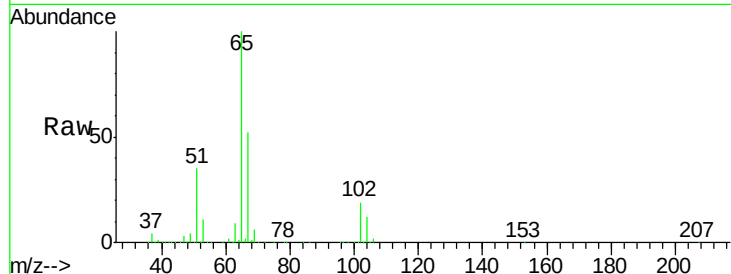
#33
 1,2-Dichloroethane-d4
 Concen: 46.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180152		
67	52.2	0.0	102.6	

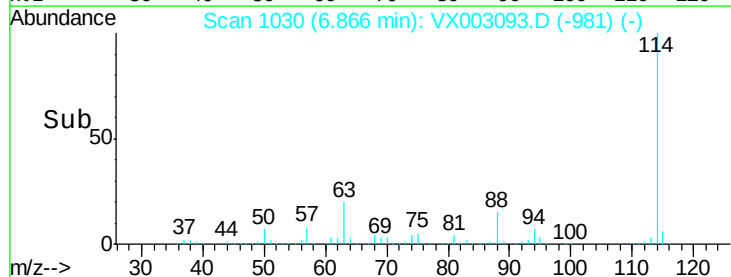
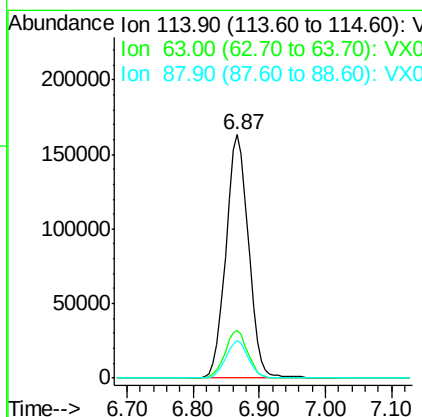
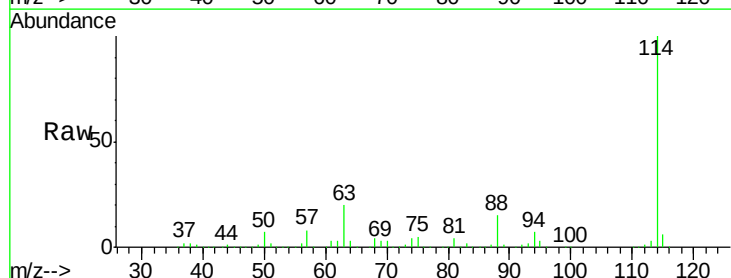
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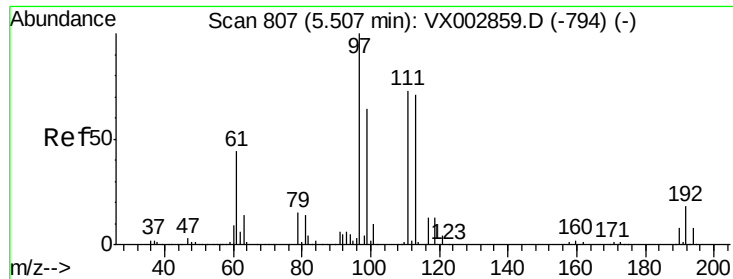
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	386815		
63	19.6	0.0	41.4	
88	15.5	0.0	30.0	





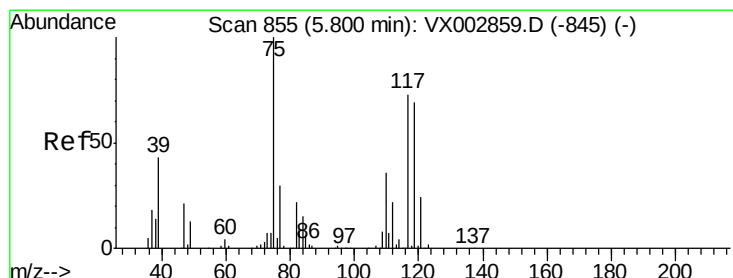
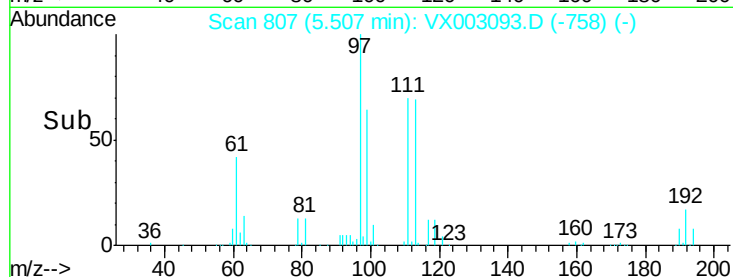
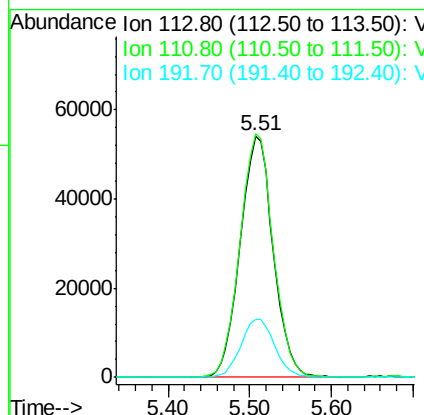
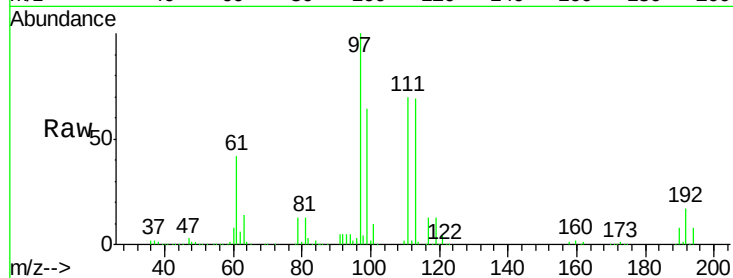
#35
 Dibromofluoromethane
 Concen: 49.51 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151648		
111	102.1	81.4	122.0	
192	24.8	19.1	28.7	

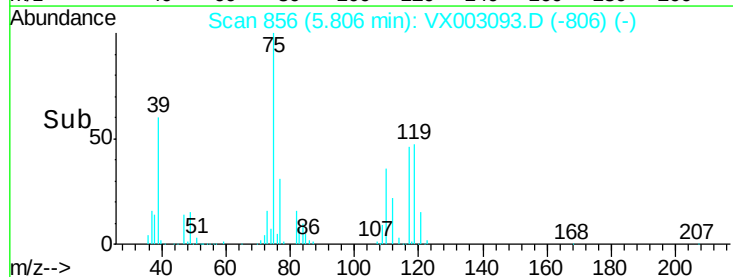
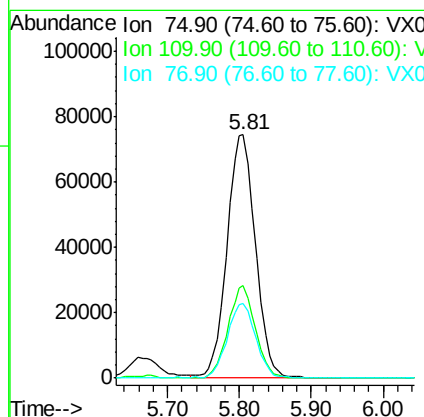
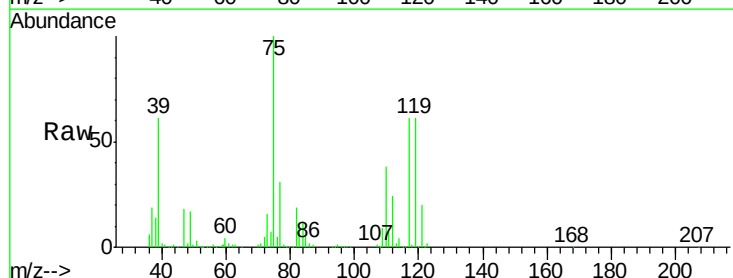
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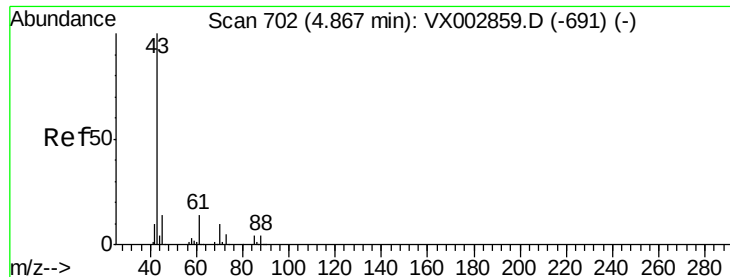
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#36
 1,1-Dichloropropene
 Concen: 47.78 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202663		
110	36.9	18.1	54.4	
77	30.7	24.3	36.5	





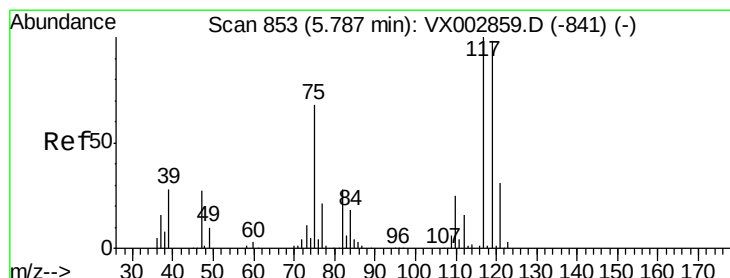
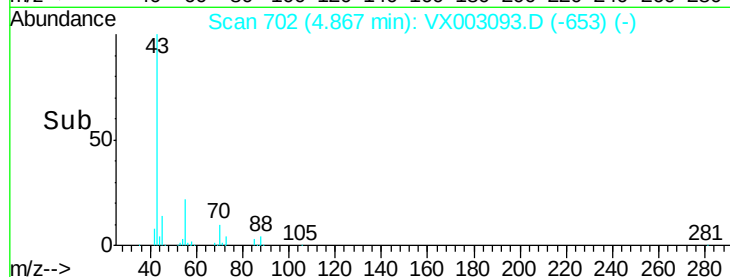
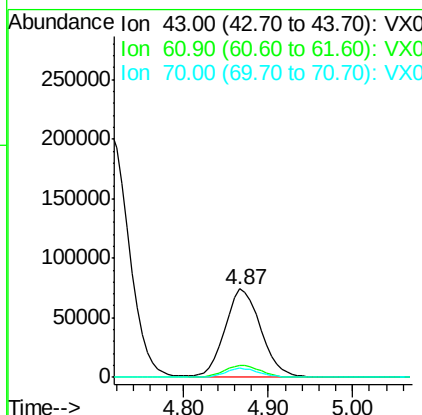
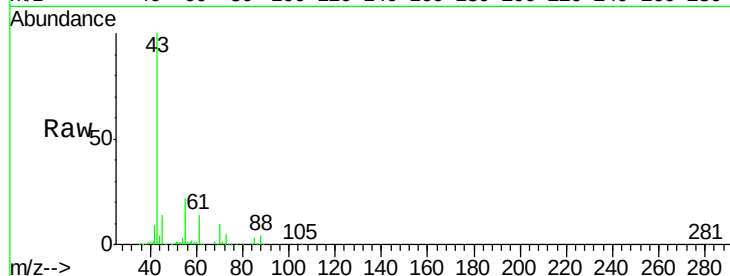
#37
Ethyl Acetate
Concen: 47.04 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampled :
S22-0037MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	10.0	7.6	11.4

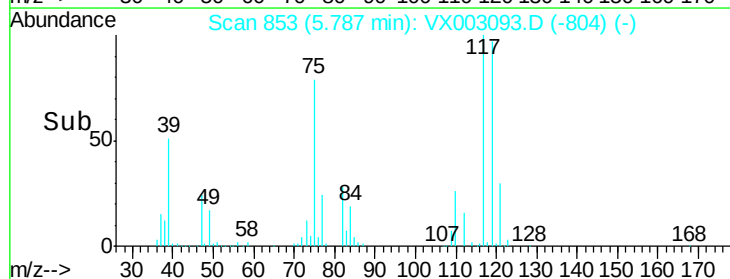
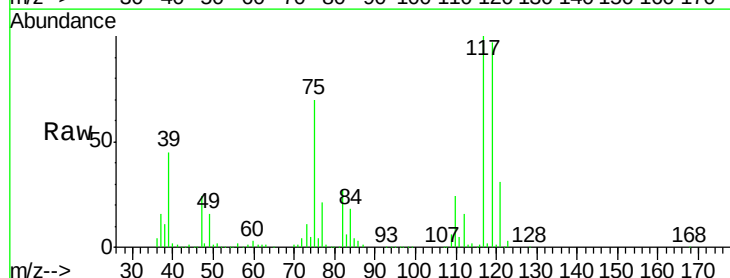
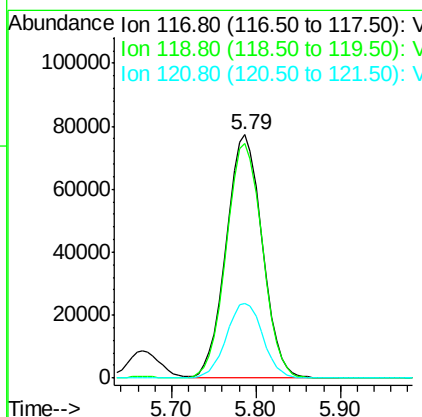
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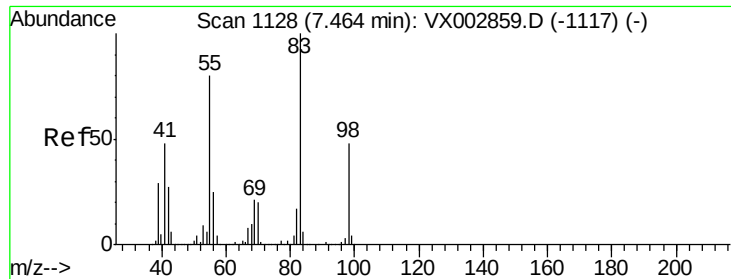
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#38
Carbon Tetrachloride
Concen: 48.24 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	30.9	24.4	36.6





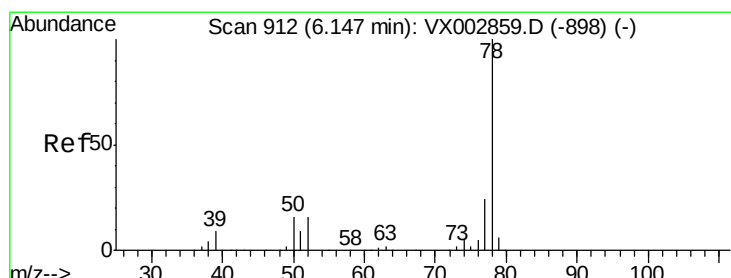
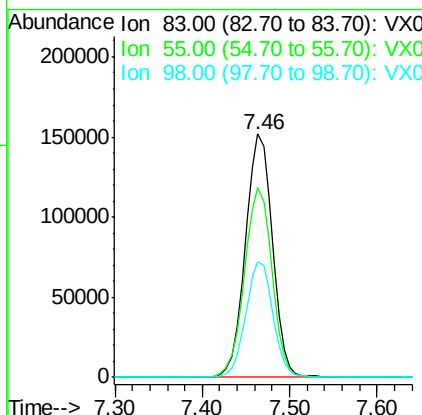
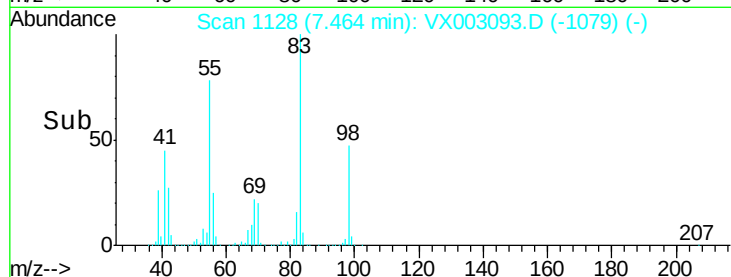
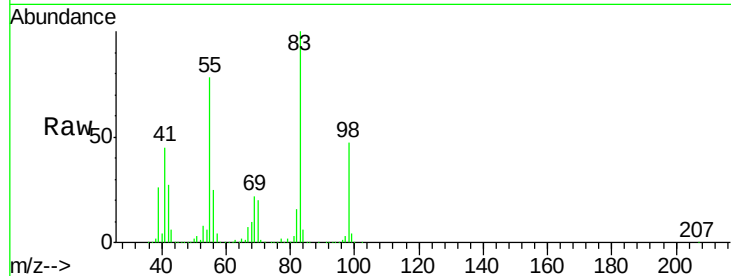
#39
Methylvlcyclohexane
Concen: 65.98 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampled :
S22-0037MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.1	65.4	98.0	
98	47.3	37.4	56.0	

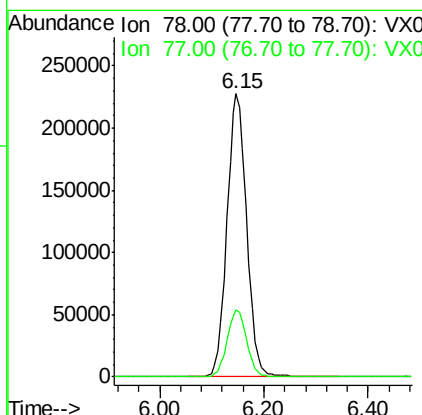
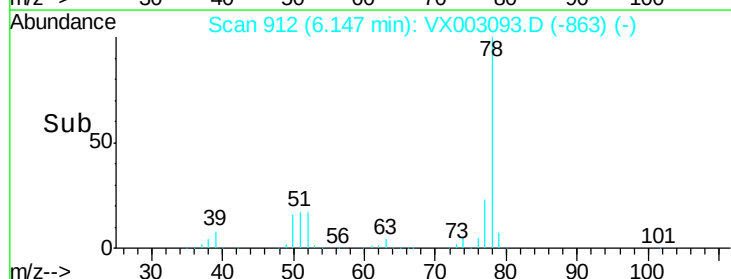
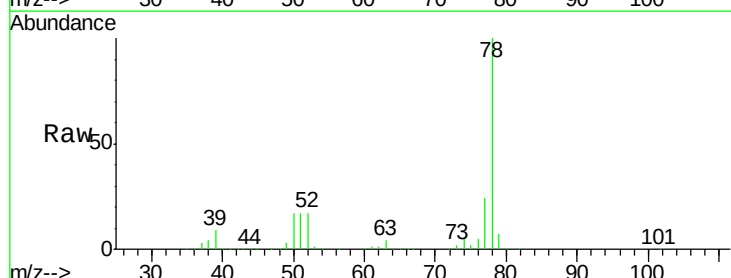
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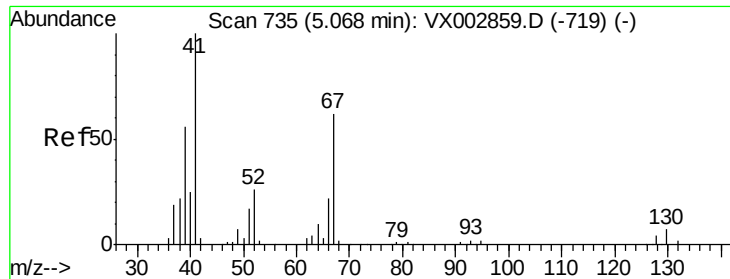
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#40
Benzene
Concen: 49.05 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

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





#41

Methacrylonitrile

Concen: 50.28 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

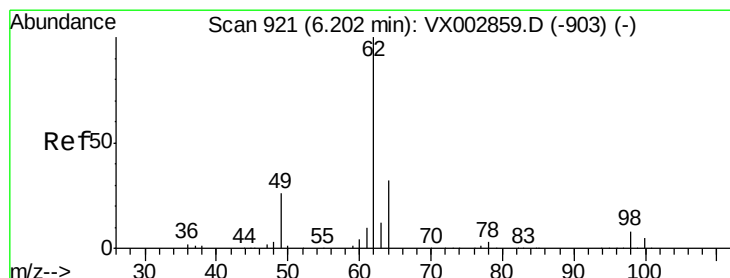
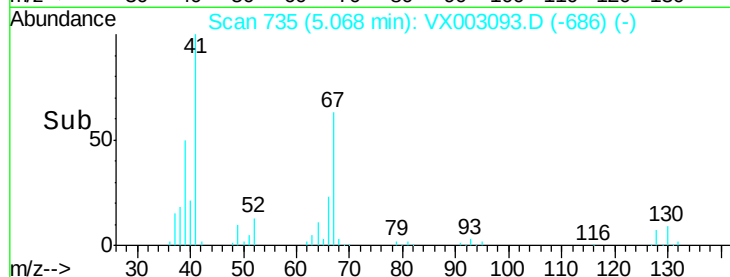
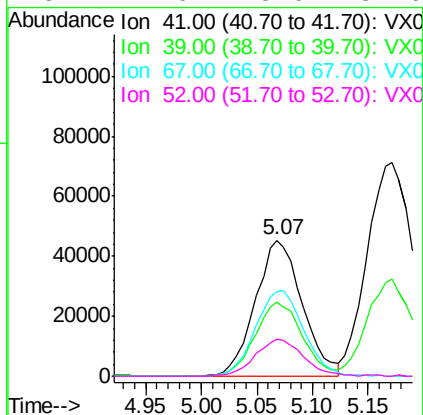
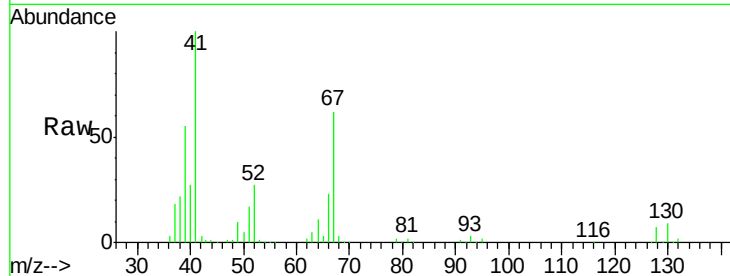
ClientSampled :

S22-0037MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	45.8	68.6	
67	65.7	51.3	76.9	
52	27.6	23.0	34.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 46.43 ug/l

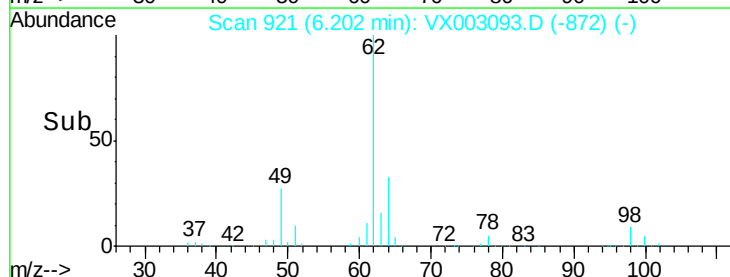
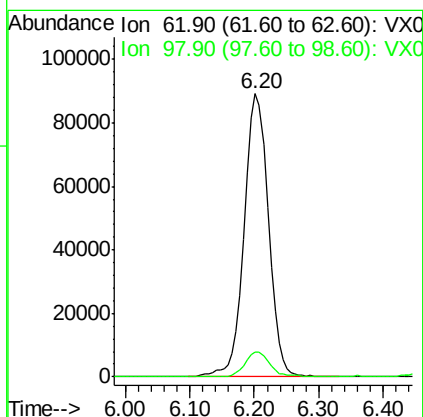
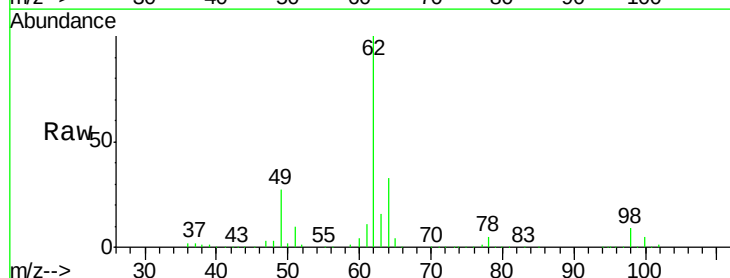
RT: 6.20 min Scan# 921

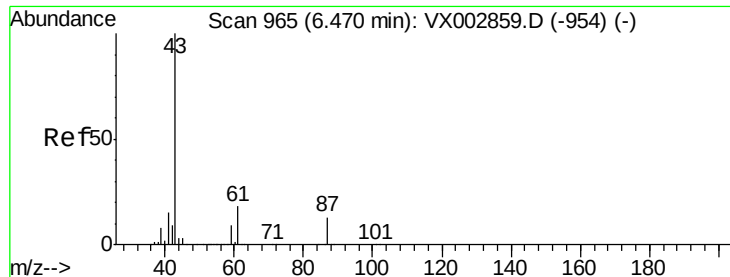
Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	16.6	





#43

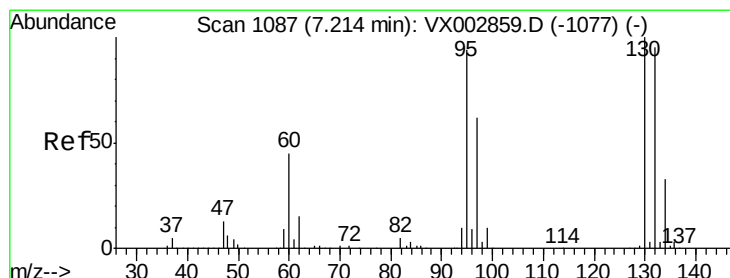
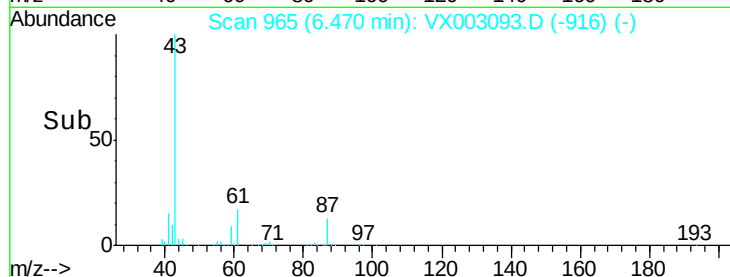
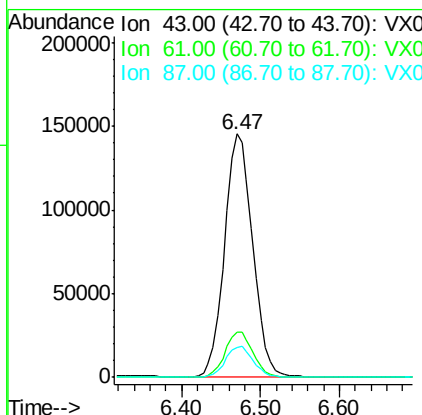
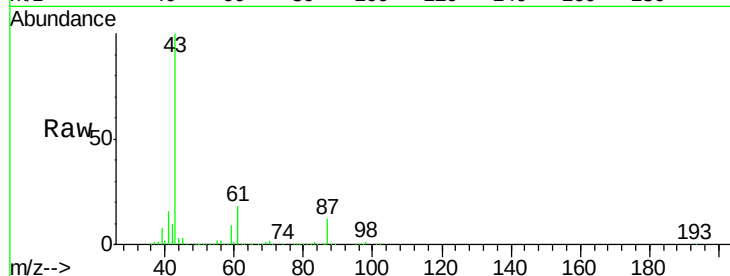
Isopropyl Acetate
 Concen: 46.88 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	43	Resp	359082
Ion Ratio	100	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.7	9.5	14.3

Manual Integrations
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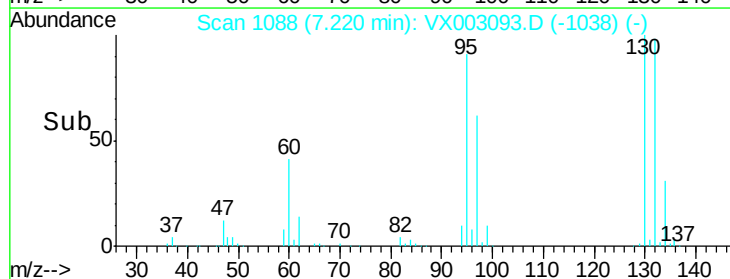
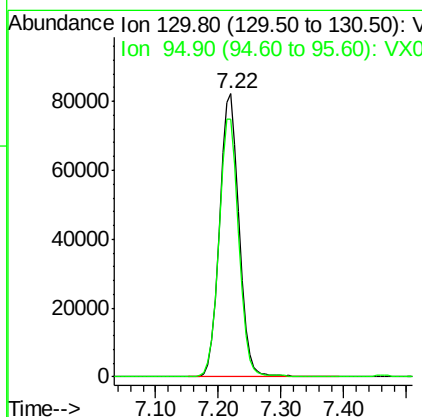
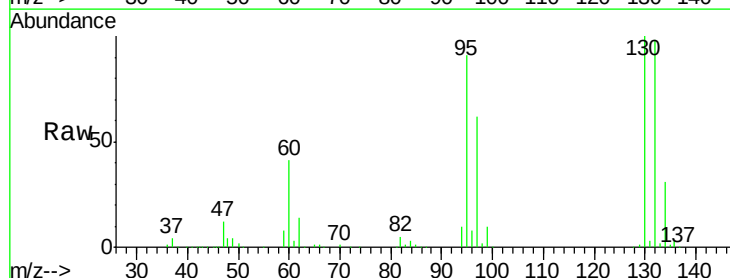
apatel
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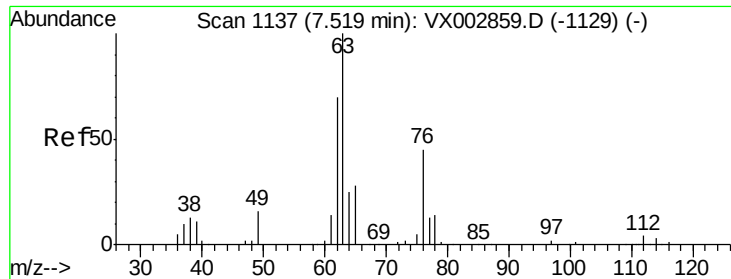


#44

Trichloroethene
 Concen: 47.91 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion	130	Resp	176038
Ion Ratio	100	Lower	Upper
130	100		
95	91.0	0.0	185.4





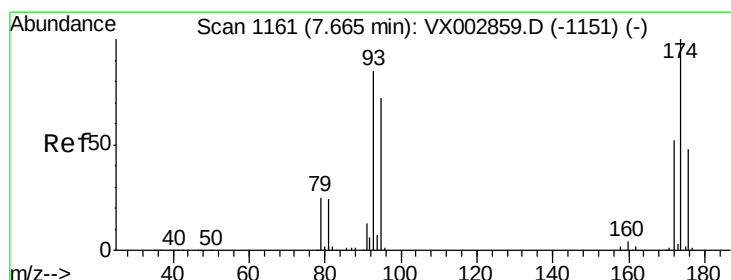
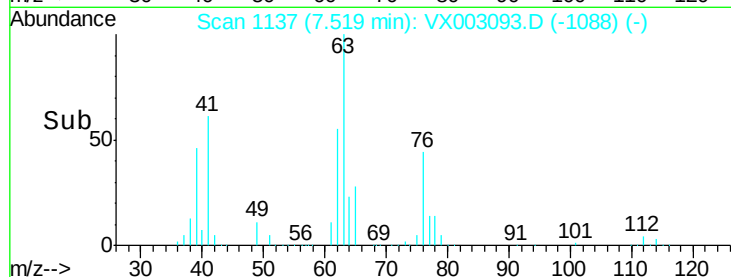
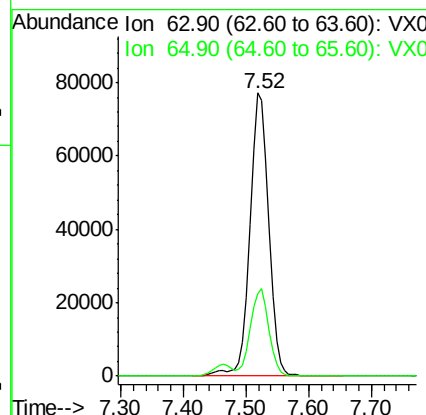
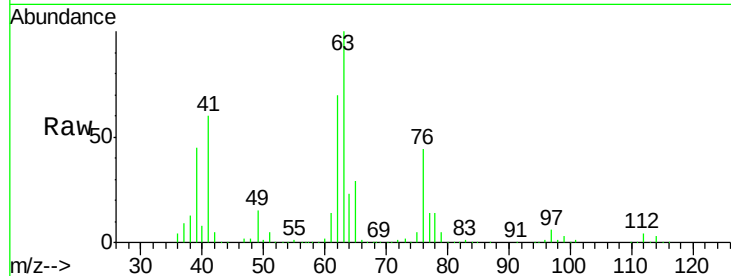
#45
 1,2-Dichloropropane
 Concen: 49.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion: 63 Resp: 160332
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.7 37.1

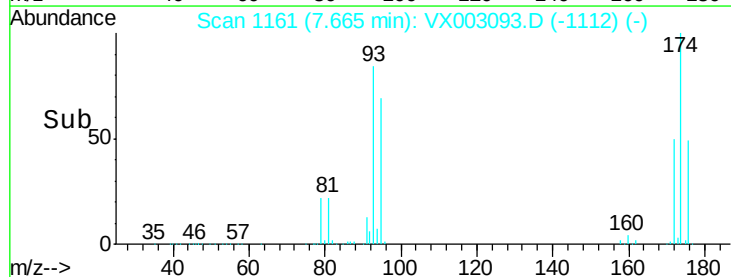
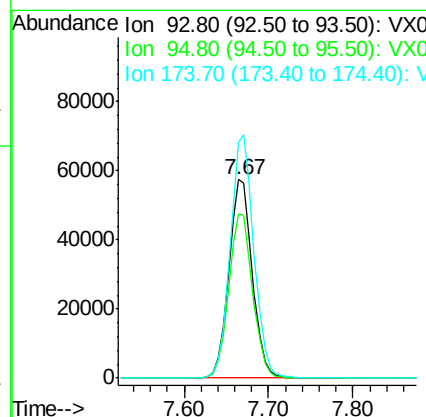
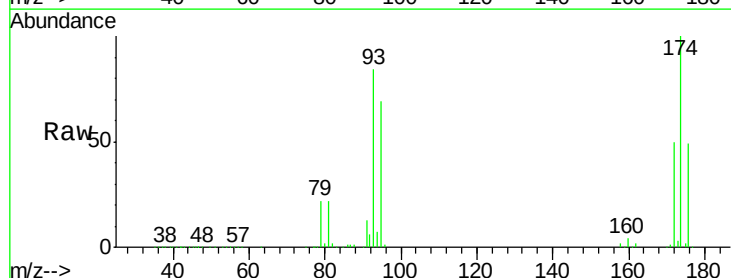
Manual Integrations
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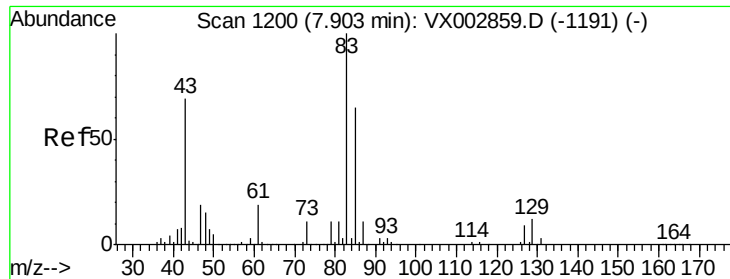
apatel
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#46
 Dibromomethane
 Concen: 48.31 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion: 93 Resp: 109604
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 122.6 92.4 138.6





#47

Bromodichloromethane

Concen: 49.80 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

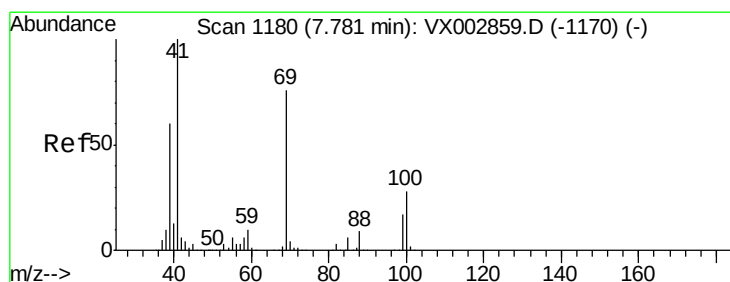
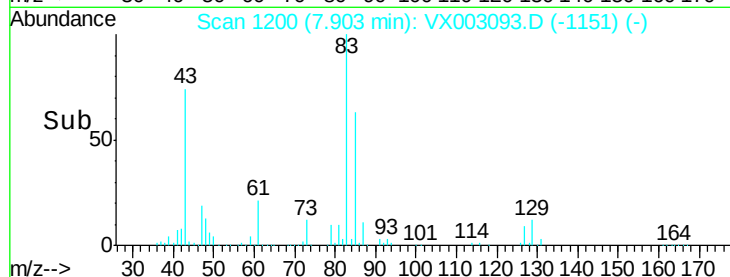
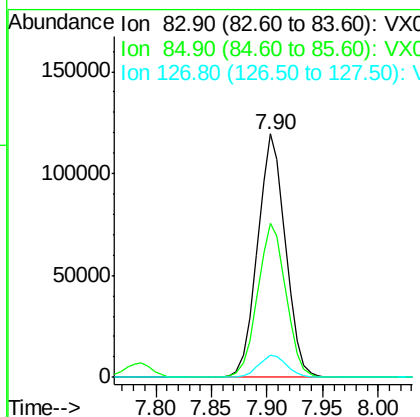
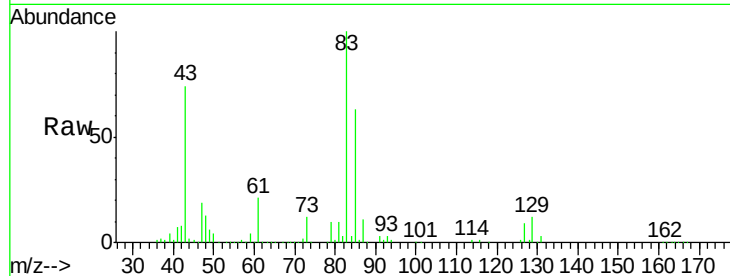
ClientSampleId :

S22-0037MSD

Tot Ion:	83	Resp:	208884
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.73 ug/l

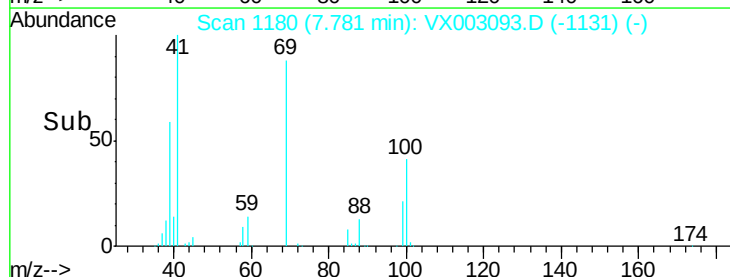
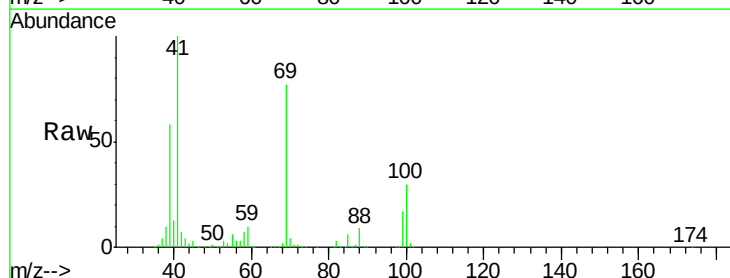
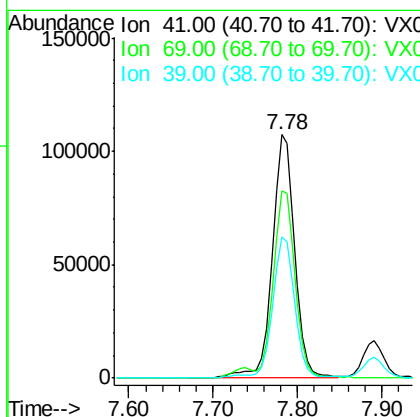
RT: 7.78 min Scan# 1180

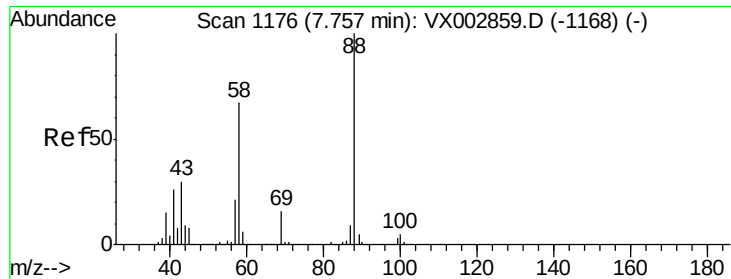
Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion:	41	Resp:	196260
Ion	Ratio	Lower	Upper
41	100		
69	75.5	59.1	88.7
39	57.4	48.9	73.3





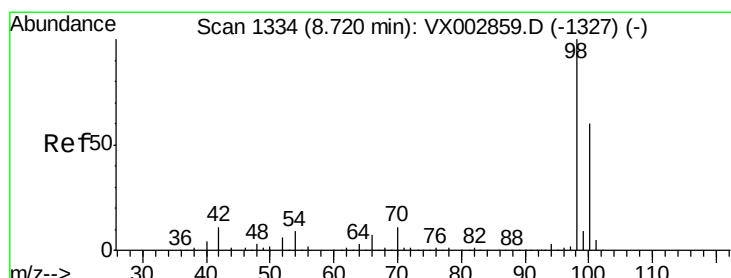
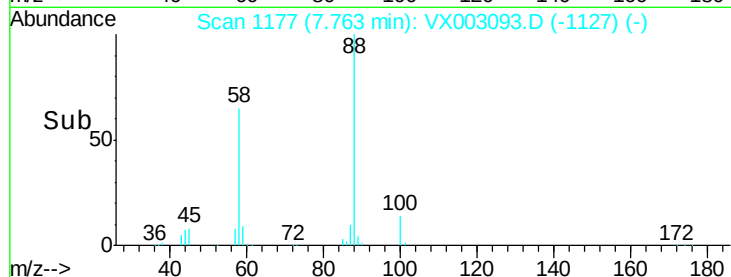
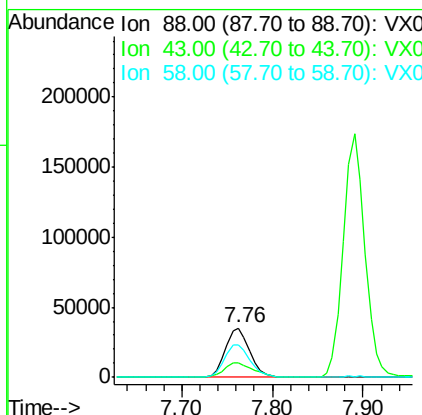
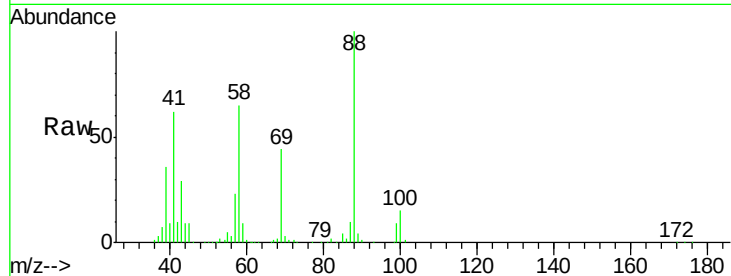
#49
1,4-Dioxane
Concen: 851.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.8	44.6
58	71.1	57.1	85.7

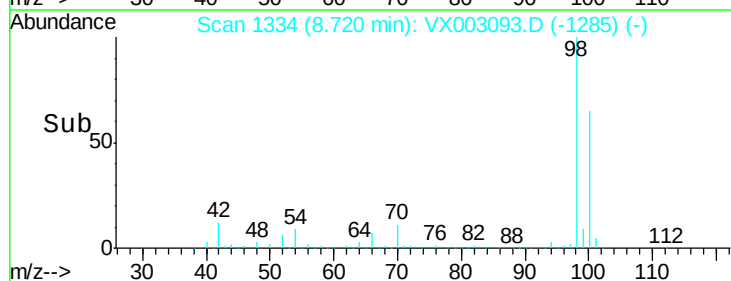
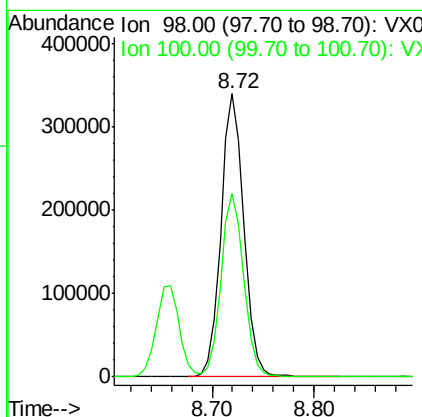
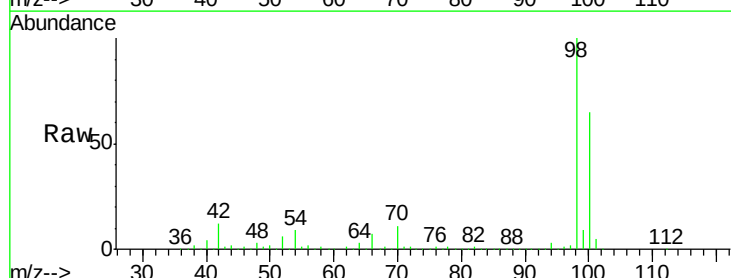
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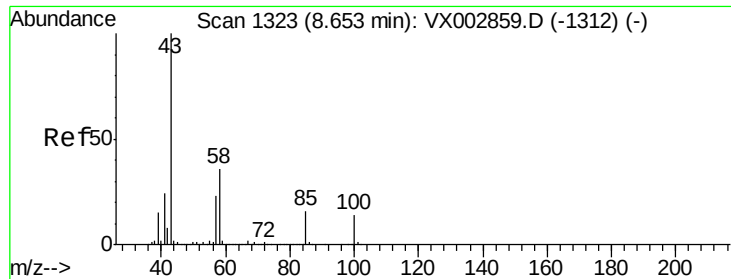
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#50
Toluene-d8
Concen: 47.03 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 247.54 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 43 Resp: 1186341

Ion Ratio Lower Upper

43 100

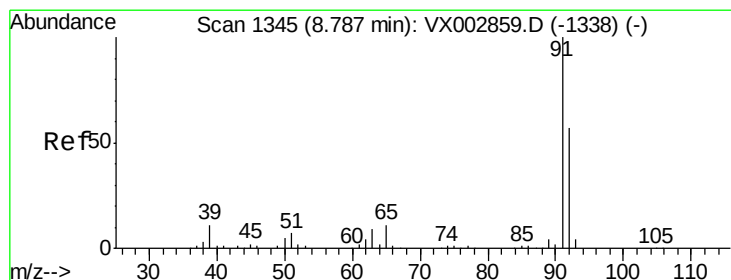
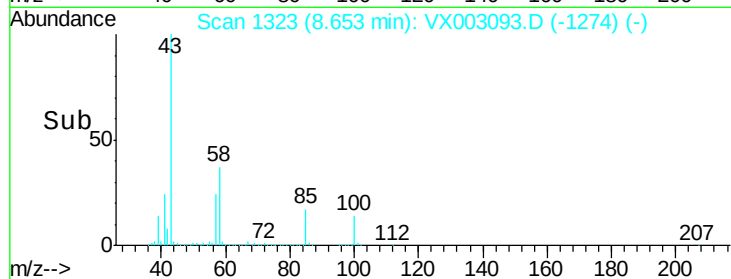
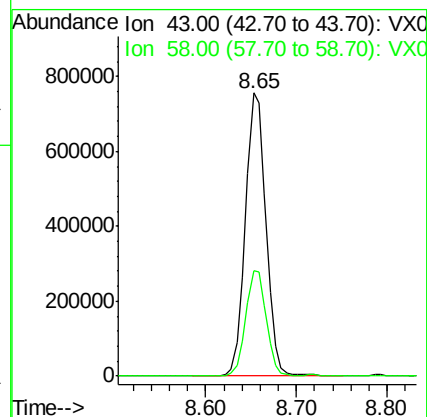
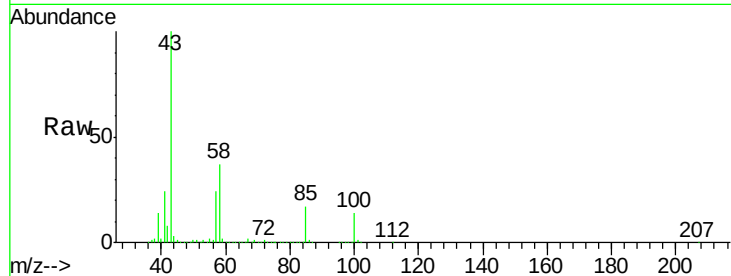
58 37.3 28.6 42.8

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#52

Toluene

Concen: 49.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003093.D

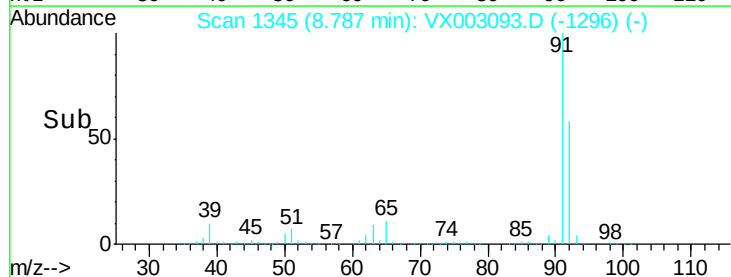
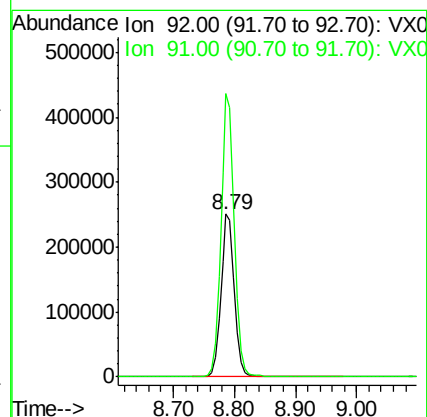
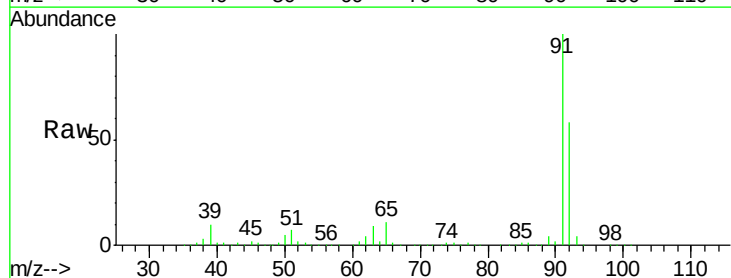
Acq: 30 Jun 2018 21:35

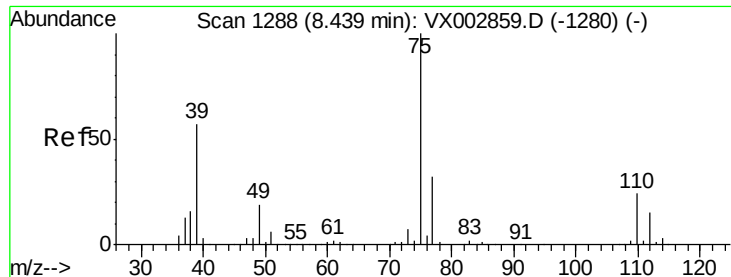
Tgt Ion: 92 Resp: 390023

Ion Ratio Lower Upper

92 100

91 173.5 140.4 210.6





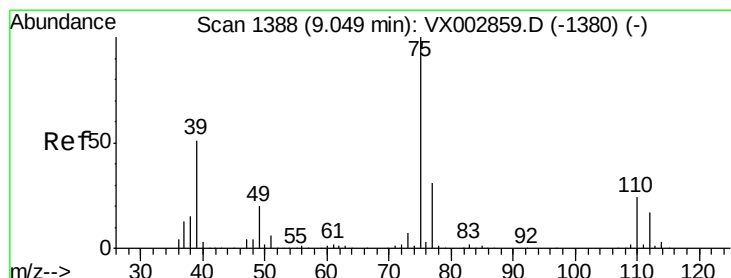
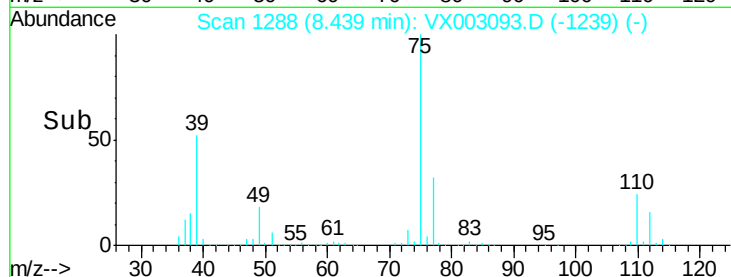
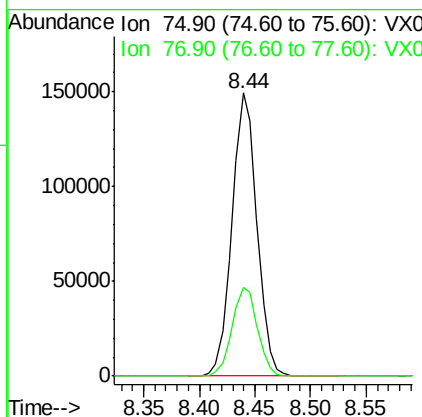
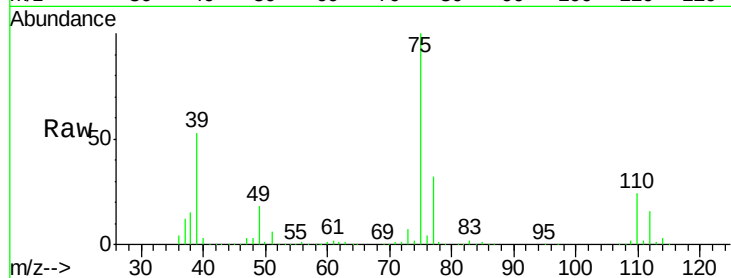
#53
t-1,3-Dichloropropene
Concen: 48.61 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

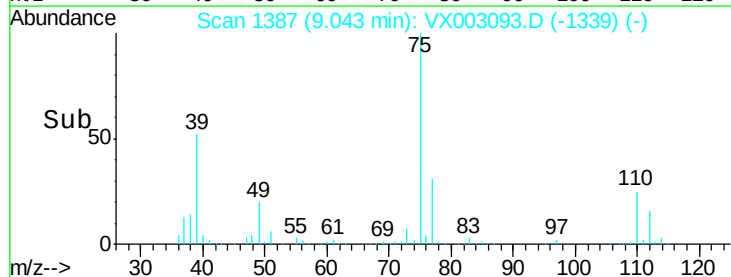
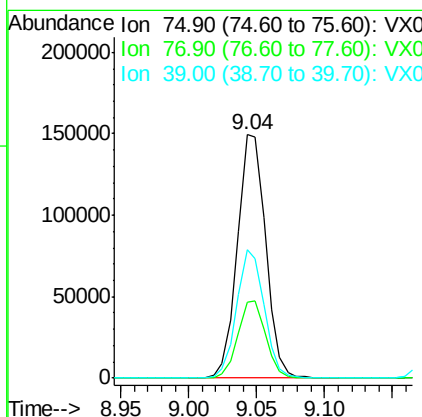
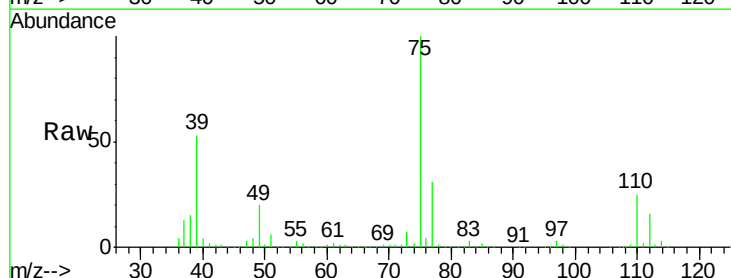
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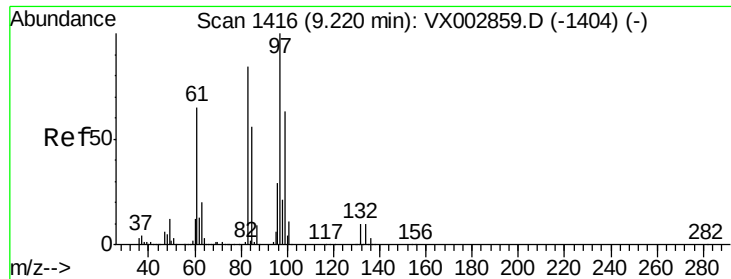
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#54
cis-1,3-Dichloropropene
Concen: 47.45 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	52.4	42.4	63.6





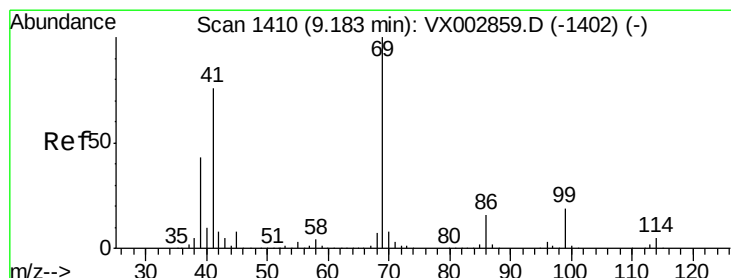
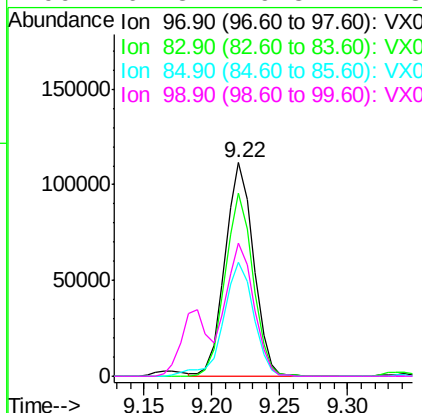
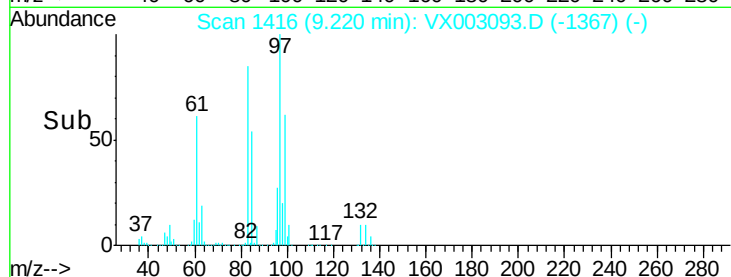
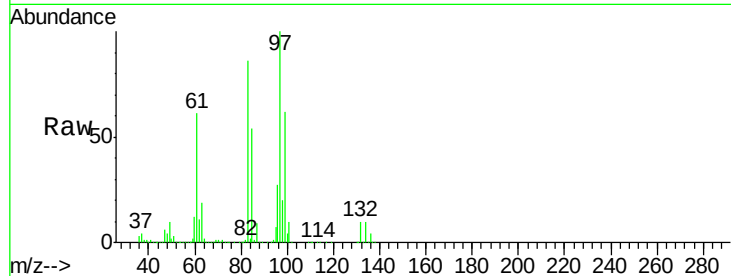
#55
 1,1,2-Trichloroethane
 Concen: 50.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	97	Resp	162460
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	53.5	44.9	67.3
99	62.3	49.8	74.8

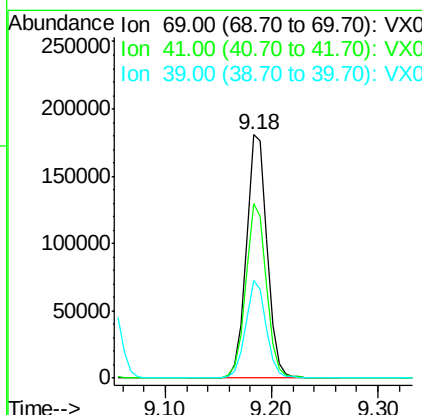
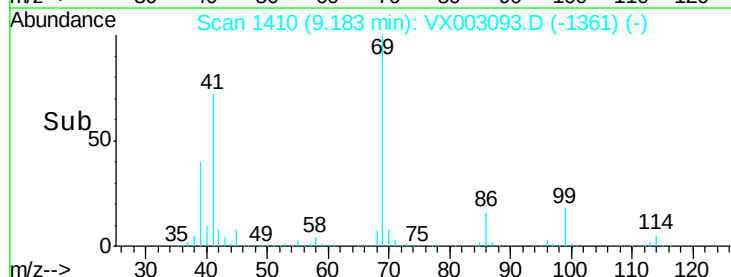
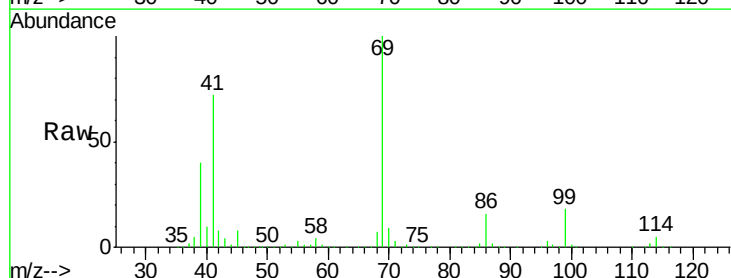
Manual Integrations
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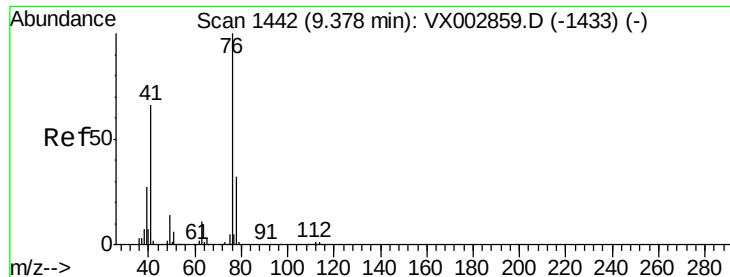
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#56
 Ethyl methacrylate
 Concen: 52.26 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion	69	Resp	247831
Ion	Ratio	Lower	Upper
69	100		
41	71.1	60.3	90.5
39	39.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.47 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 76 Resp: 263632

Ion Ratio Lower Upper

76 100

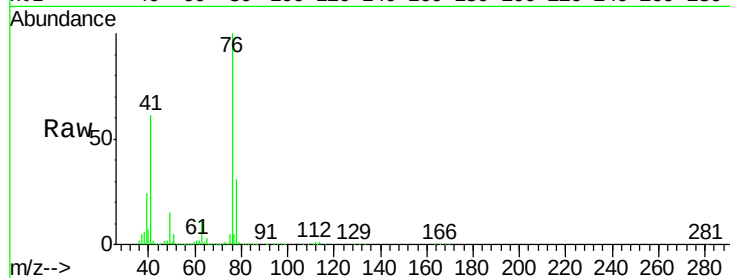
78 32.1 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

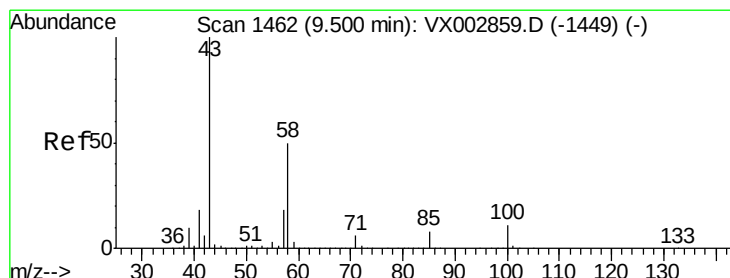
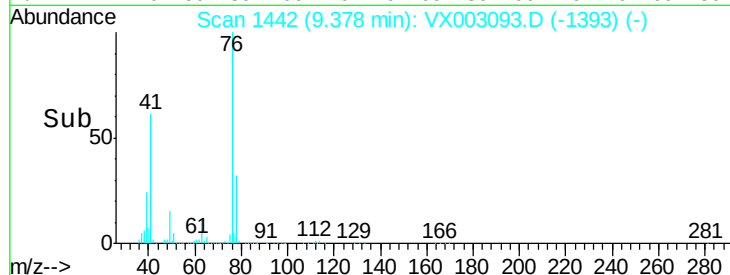
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 245.60 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003093.D

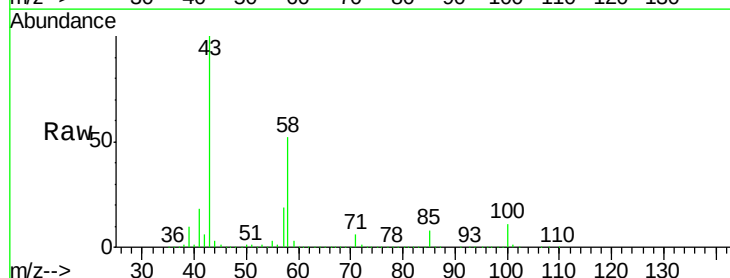
Acq: 30 Jun 2018 21:35

Tgt Ion: 43 Resp: 894543

Ion Ratio Lower Upper

43 100

58 52.0 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

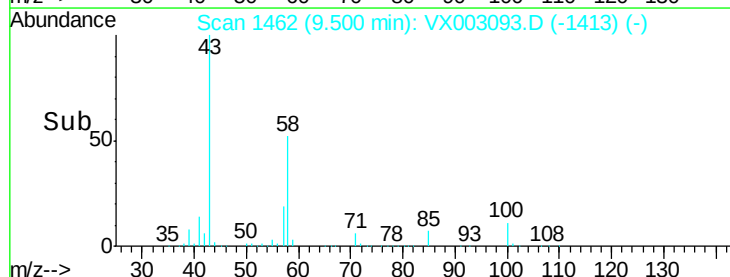
600000

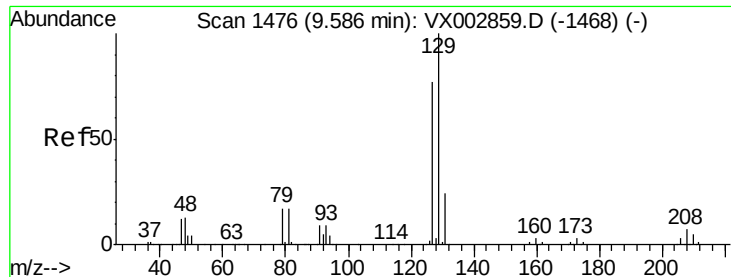
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 51.24 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion:129 Resp: 175028

Ion Ratio Lower Upper

129 100

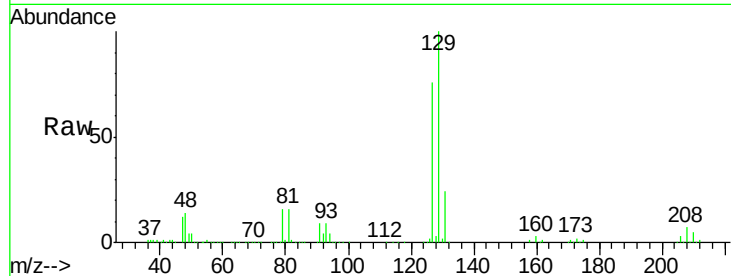
127 75.3 38.5 115.3

Manual Integrations

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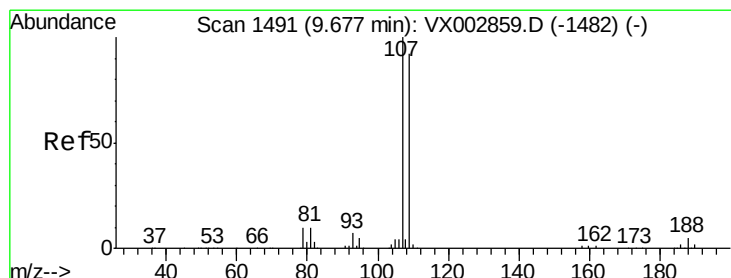
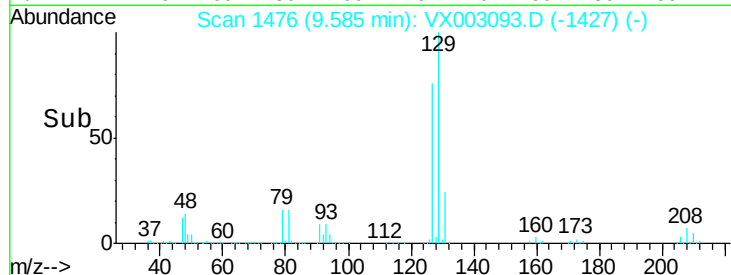
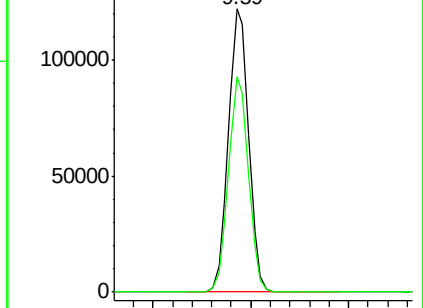
apatel

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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: 50.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003093.D

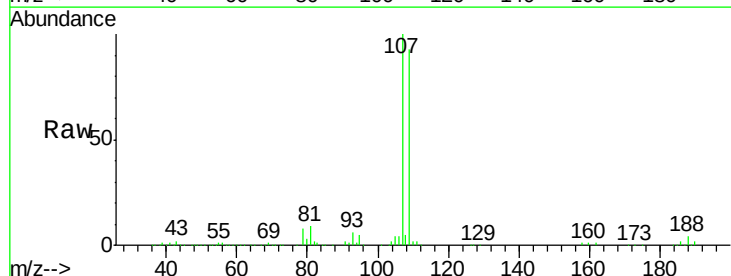
Acq: 30 Jun 2018 21:35

Tgt Ion:107 Resp: 171207

Ion Ratio Lower Upper

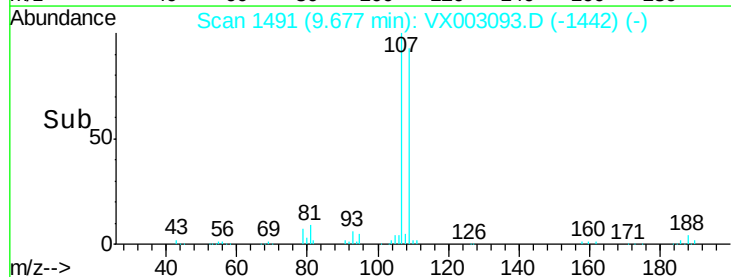
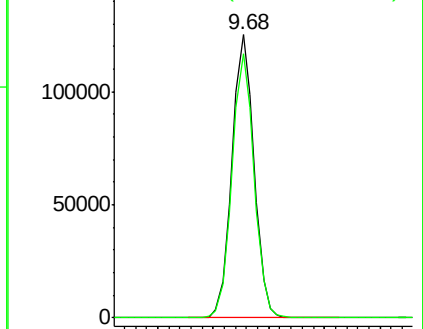
107 100

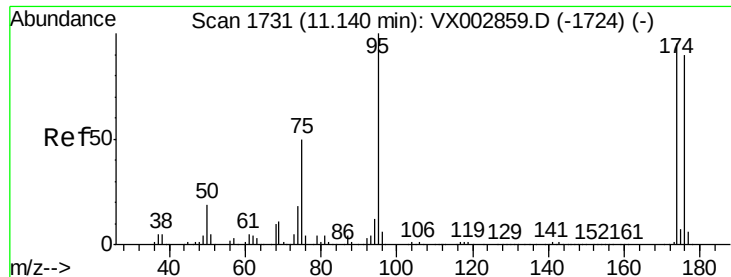
109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





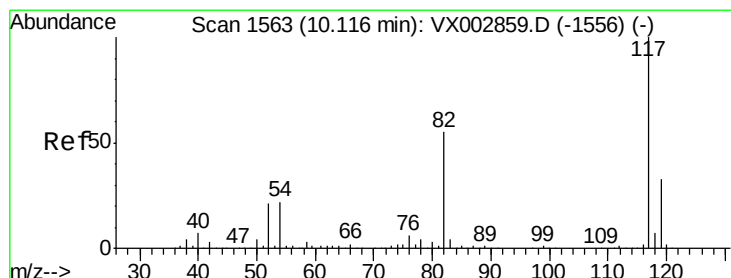
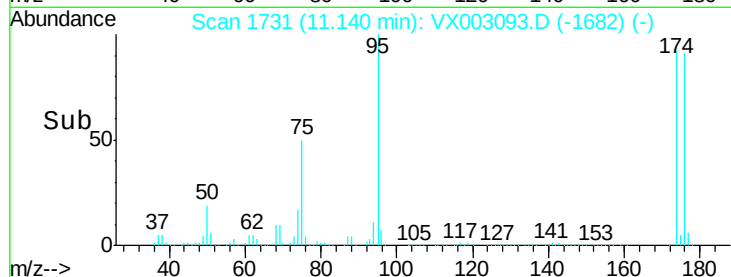
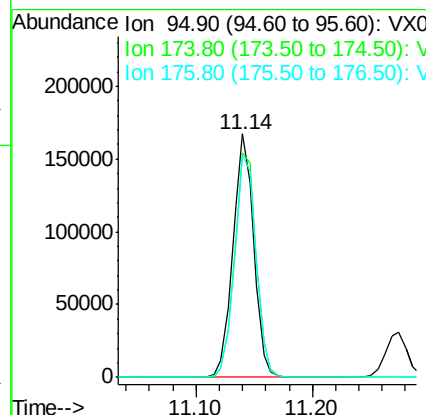
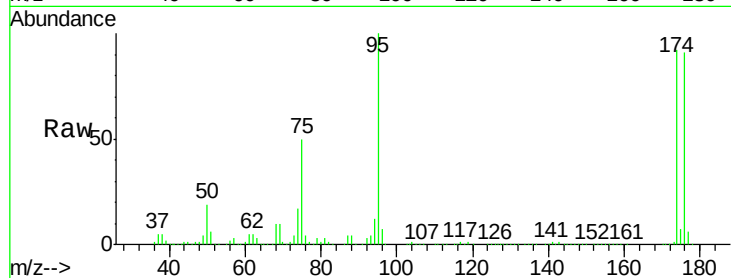
#62
4-Bromofluorobenzene
Concen: 48.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	207057		
174	96.6	0.0	187.4	
176	94.6	0.0	181.0	

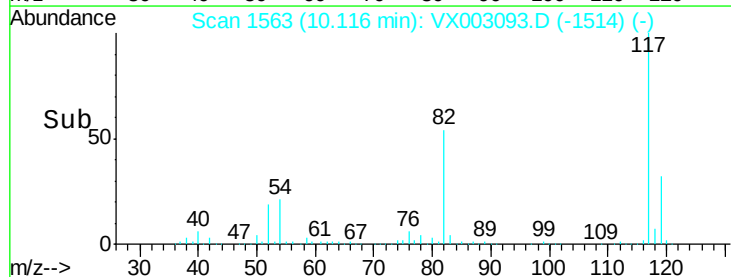
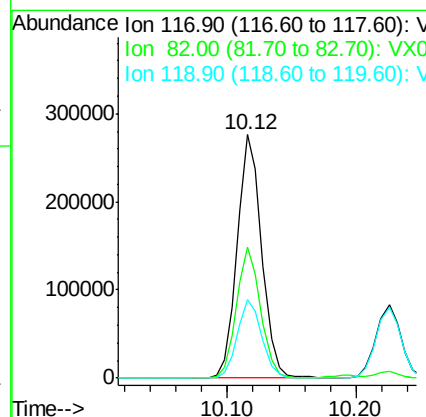
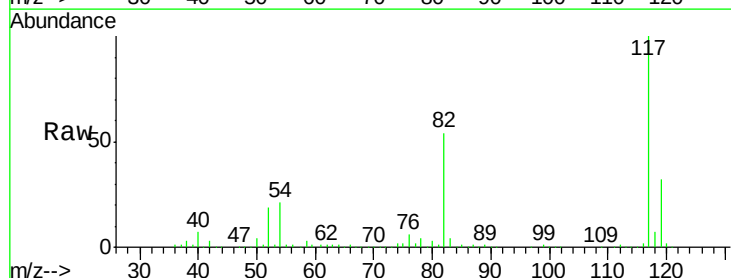
Manual Integrations
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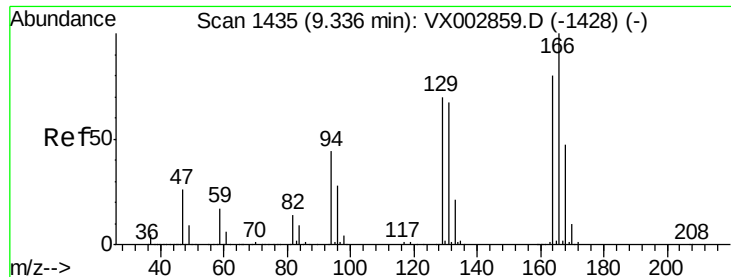
apatel
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	366188		
82	53.6	45.0	67.4	
119	32.4	25.8	38.6	





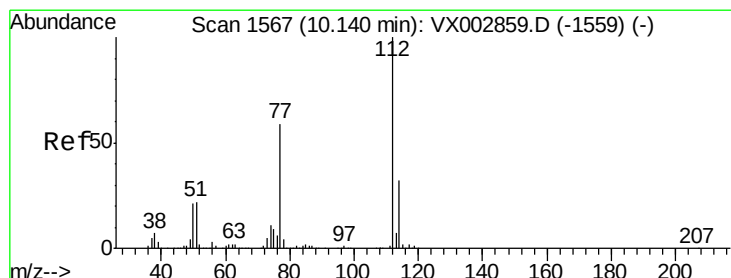
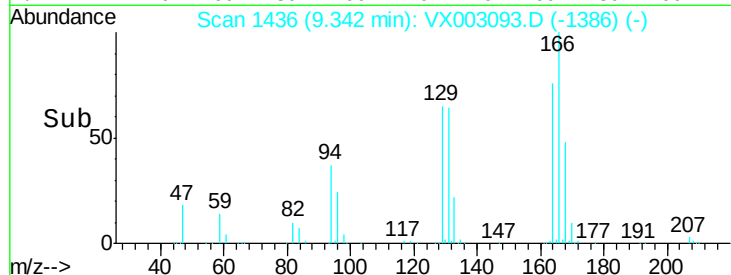
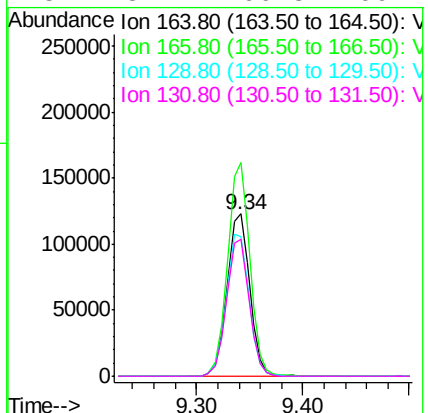
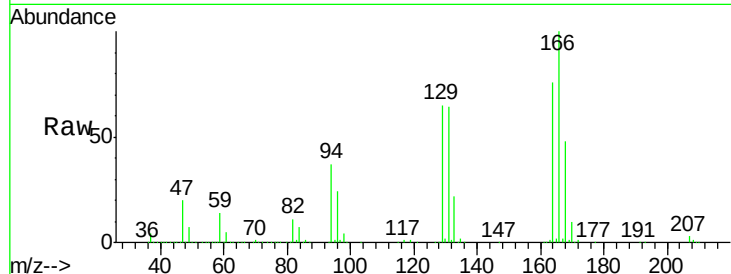
#64
Tetrachloroethene
Concen: 45.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion:	164	Resp:	183587
Ion Ratio	Lower	Upper	
164	100		
166	131.7	102.9	154.3
129	86.1	68.6	102.8
131	84.4	66.8	100.2

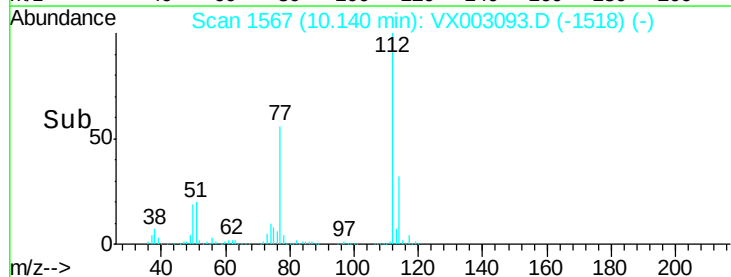
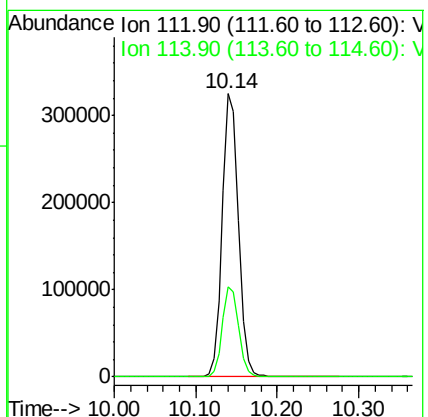
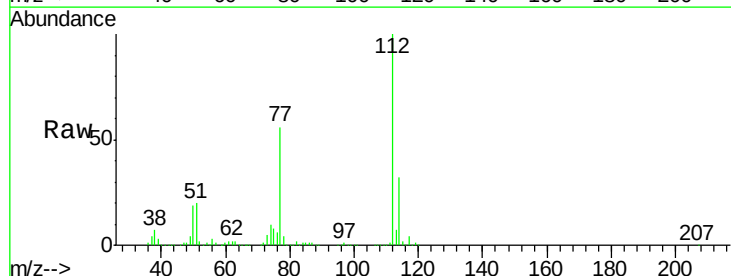
Manual Integrations
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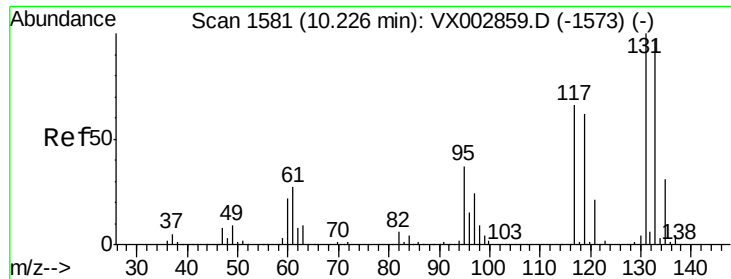
apatel
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#65
Chlorobenzene
Concen: 48.50 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion:	112	Resp:	451147
Ion Ratio	Lower	Upper	
112	100		
114	31.8	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 50.35 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MSD

Tot Ion:131 Resp: 170140
Ion Ratio Lower Upper

131 100

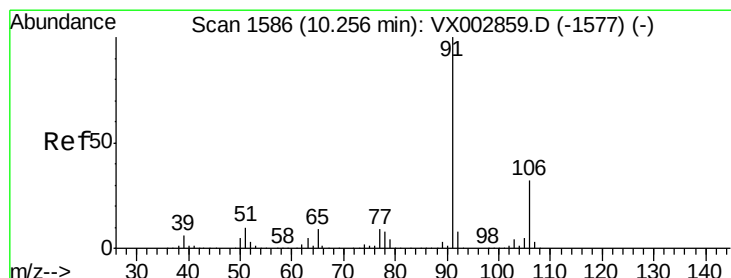
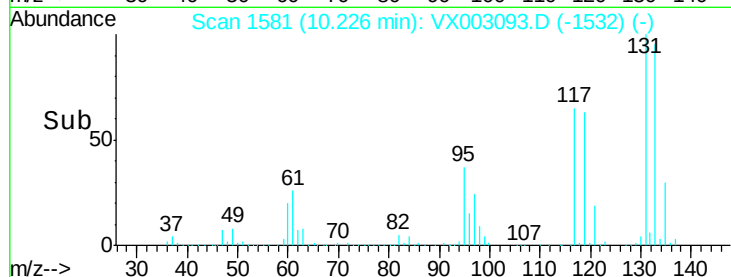
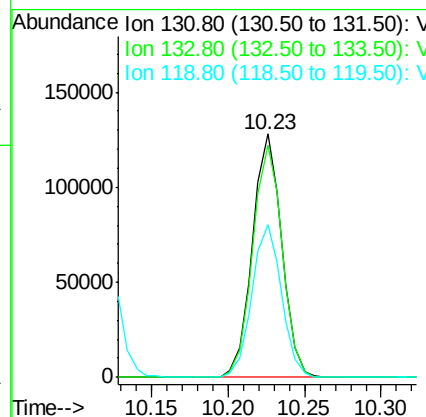
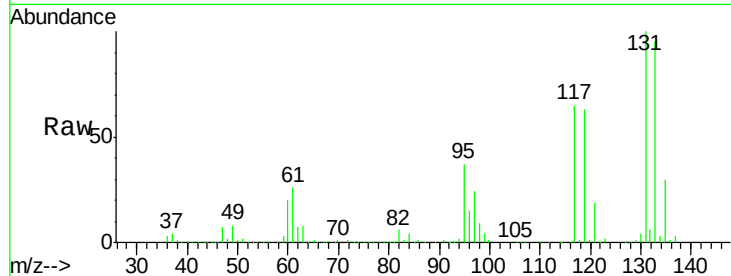
133 96.2 47.9 143.6

119 63.3 31.8 95.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 67.16 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003093.D

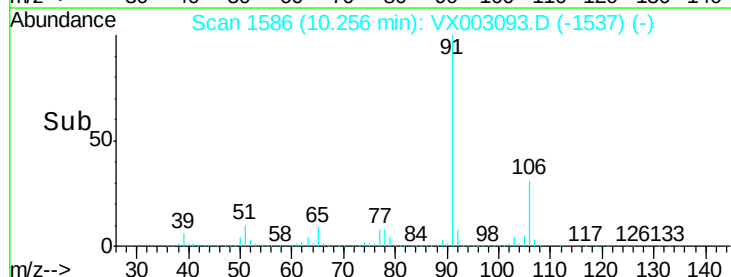
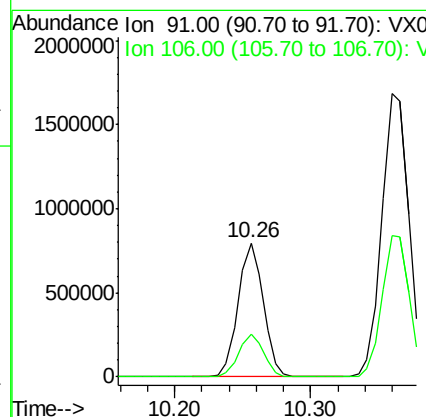
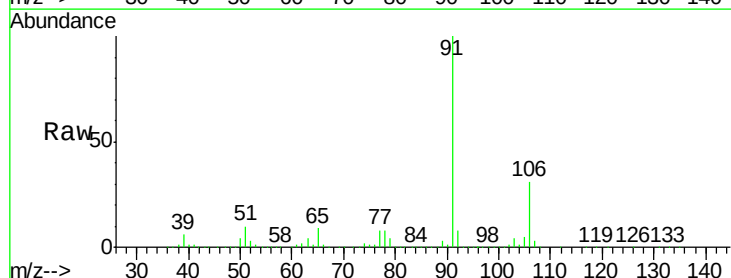
Acq: 30 Jun 2018 21:35

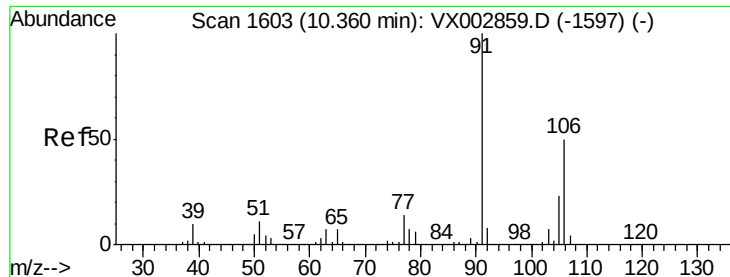
Tgt Ion: 91 Resp: 1031883

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3





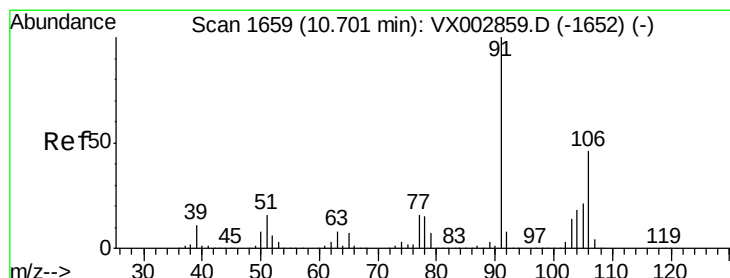
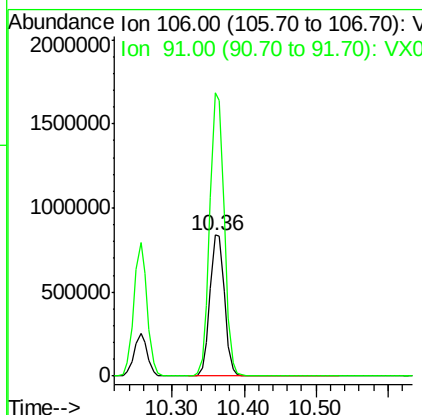
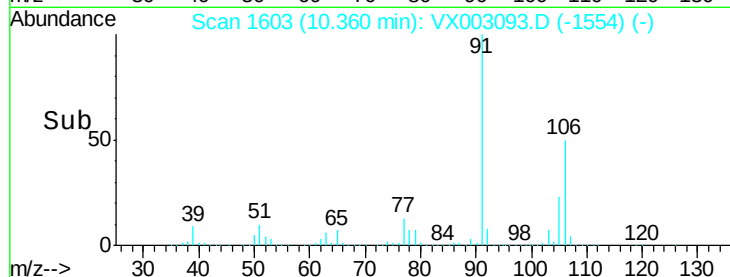
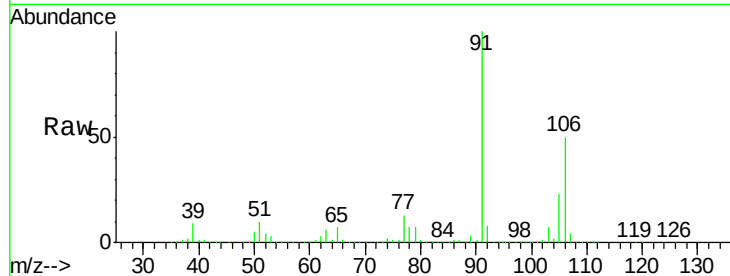
#68
m/p-Xylenes
Concen: 197.30 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion:106 Resp: 1168343
Ion Ratio Lower Upper
106 100
91 199.4 163.4 245.2

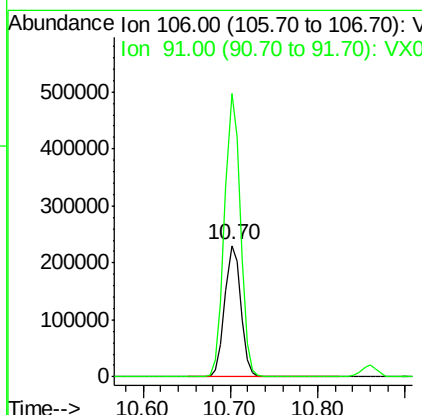
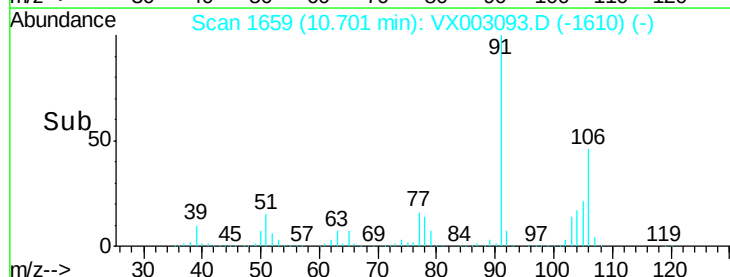
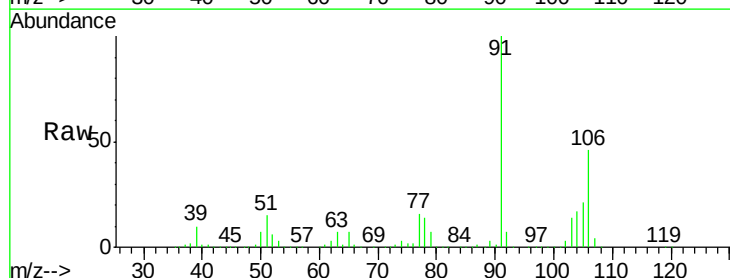
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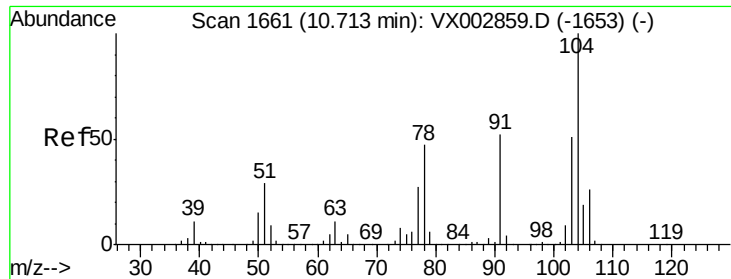
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#69
o-Xylene
Concen: 50.54 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion:106 Resp: 291407
Ion Ratio Lower Upper
106 100
91 213.2 108.2 324.6





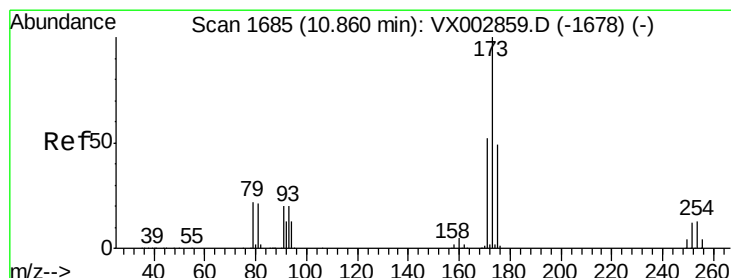
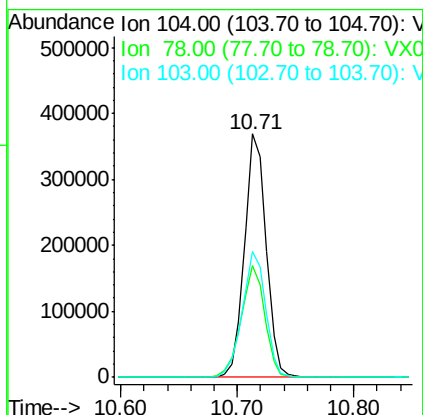
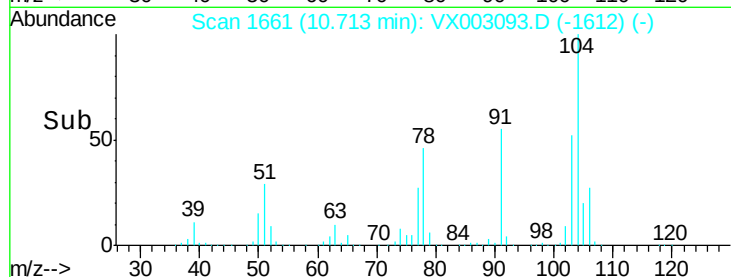
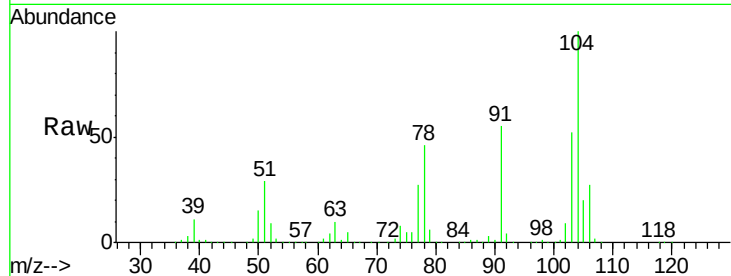
#70
Stvrene
Concen: 51.56 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampled :
S22-0037MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.9	41.0	61.6
103	55.8	44.2	66.4

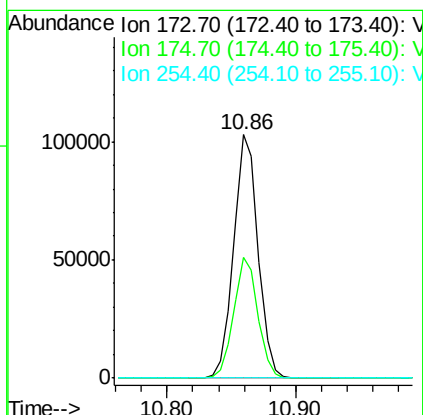
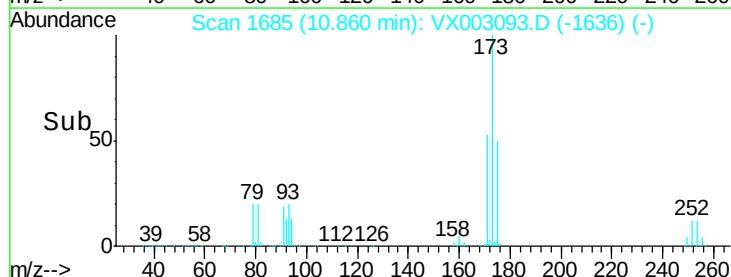
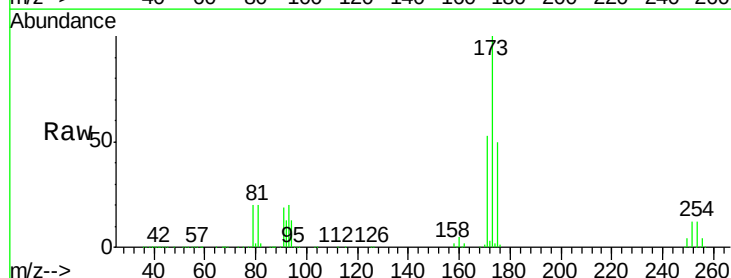
Manual Integrations
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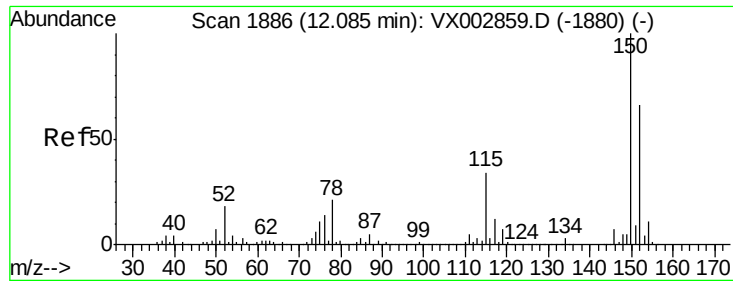
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#71
Bromoform
Concen: 44.87 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	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: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

S22-0037MSD

Tot Ion:152 Resp: 228684

Ion Ratio Lower Upper

152 100

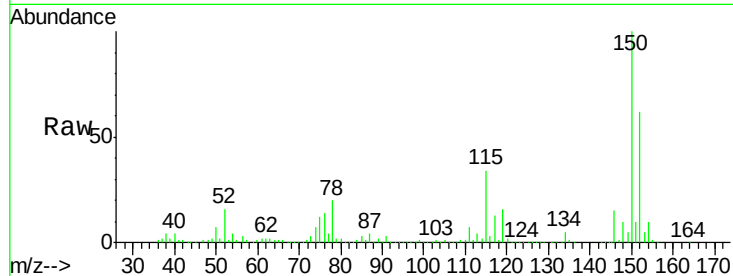
115 77.1 40.1 120.2

150 174.4 0.0 347.2

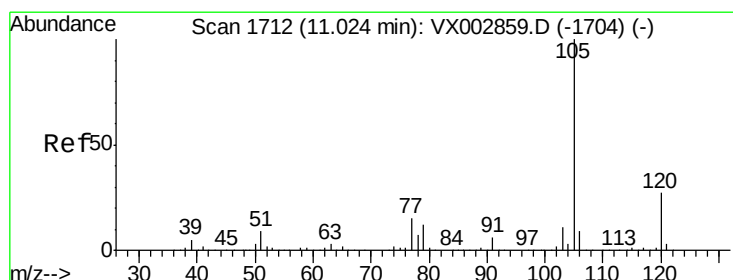
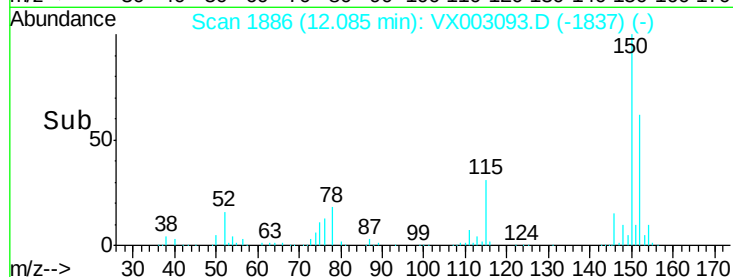
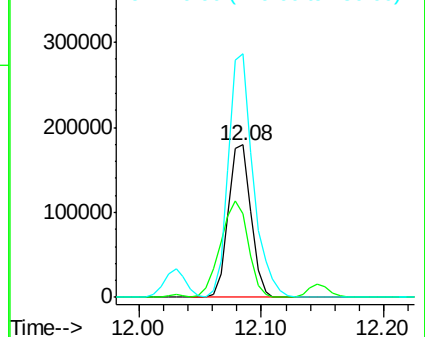
Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 68.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003093.D

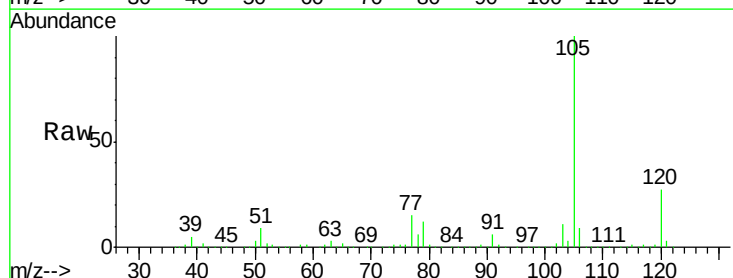
Acq: 30 Jun 2018 21:35

Tgt Ion:105 Resp: 1046686

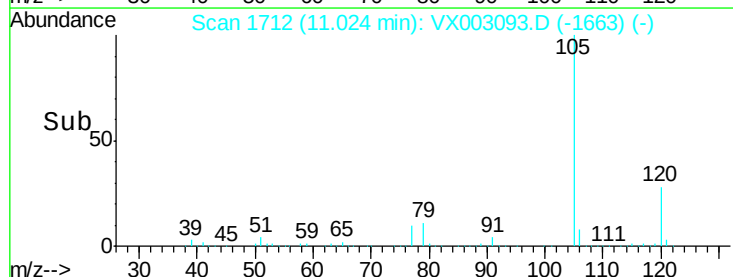
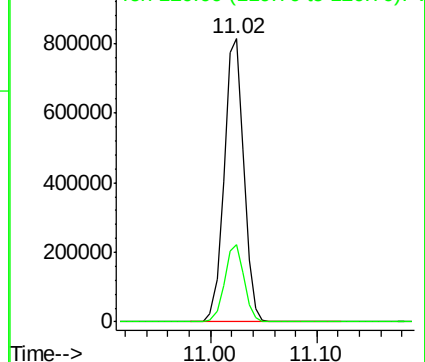
Ion Ratio Lower Upper

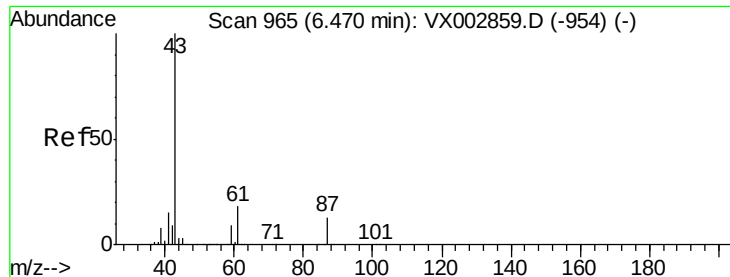
105 100

120 27.1 13.5 40.4



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





#74

N-amvl acetate

Concen: 47.70 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

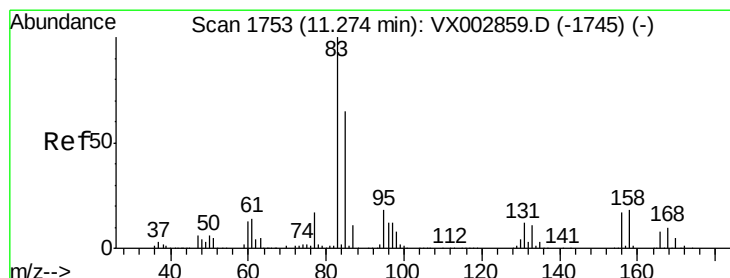
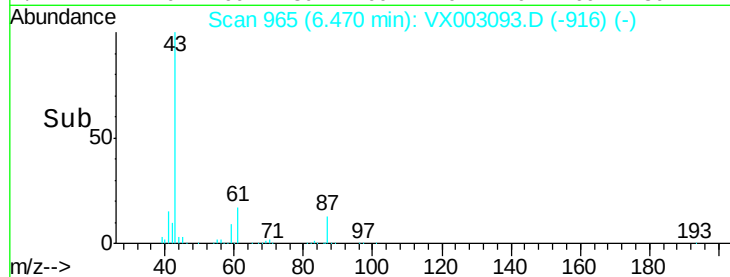
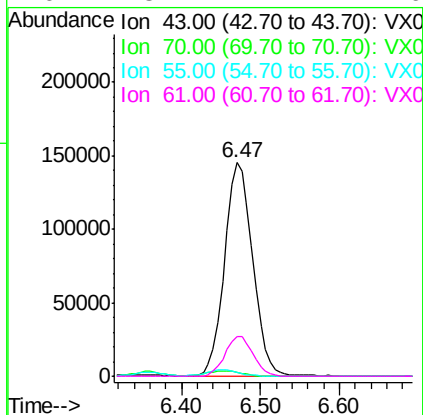
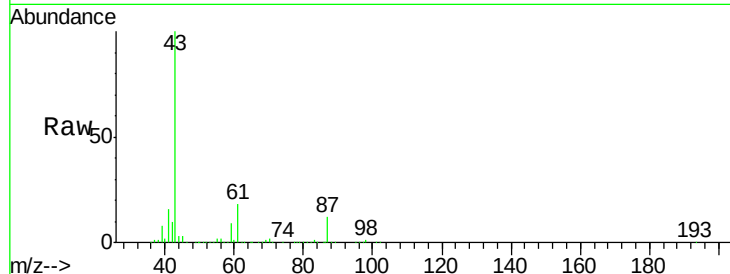
ClientSampleId :

S22-0037MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		359082		
70	0.0	0.0	0.0		
55	0.0	0.0	0.0		
61	18.7	14.4	21.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.14 ug/l

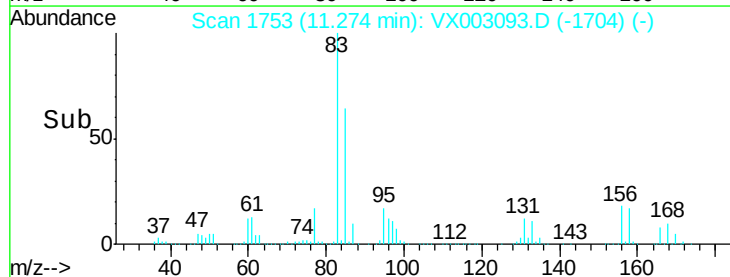
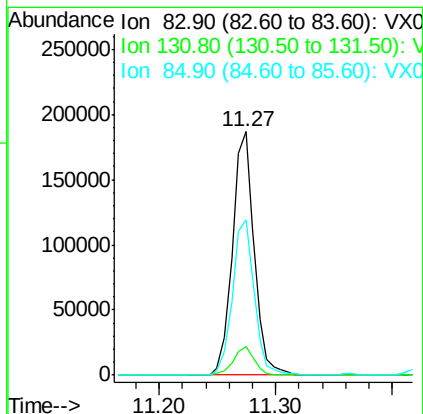
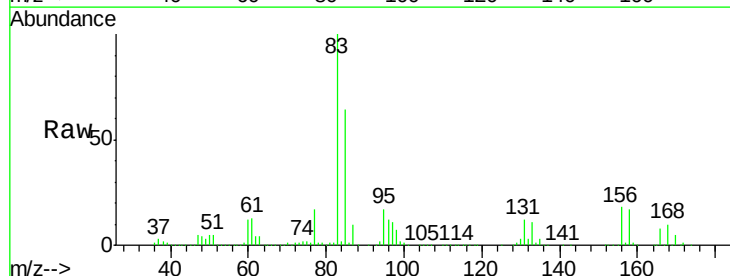
RT: 11.27 min Scan# 1753

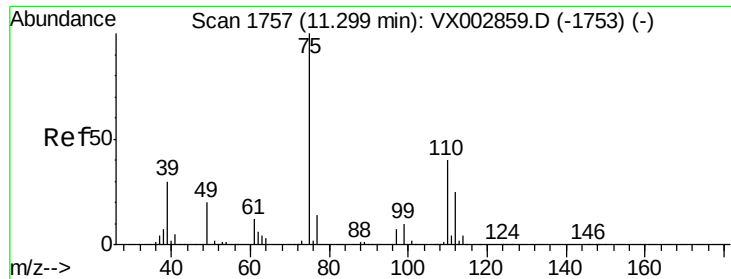
Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		242337		
131	11.2	5.6	16.8		
85	64.7	32.4	97.2		





#76

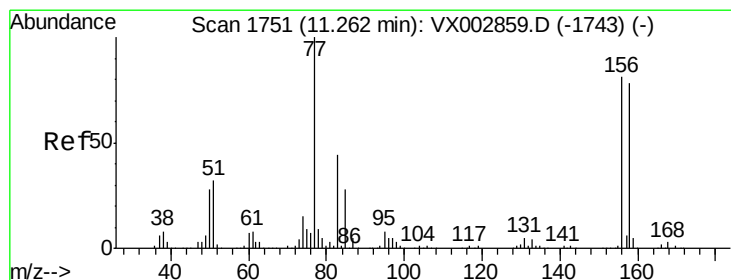
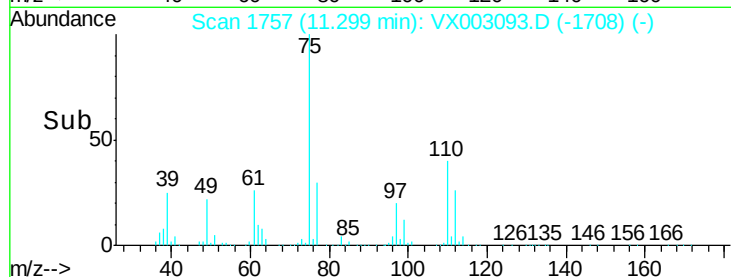
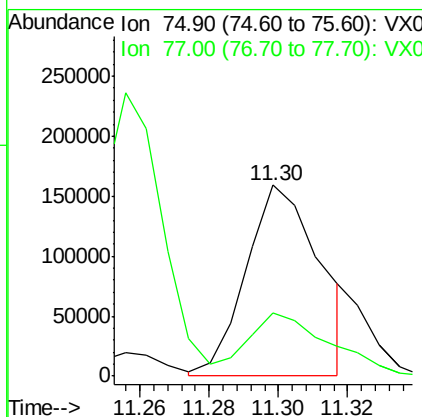
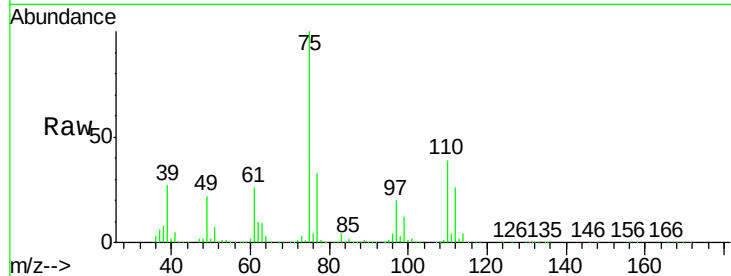
1,2,3-Trichloropropane
Concen: 56.67 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion: 75 Resp: 234763
Ion Ratio Lower Upper
75 100
77 37.2 22.8 68.3

Manual Integrations
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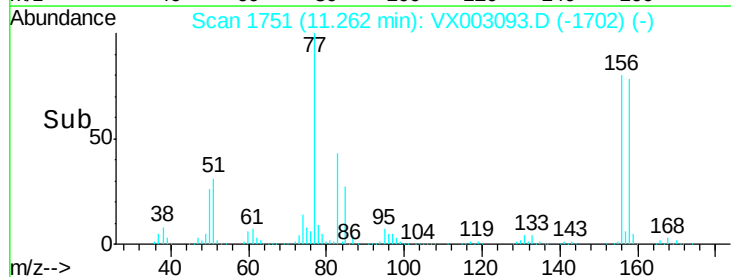
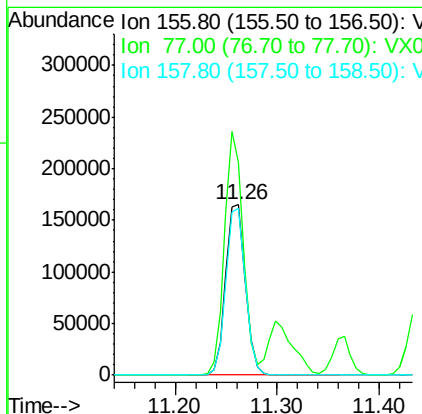
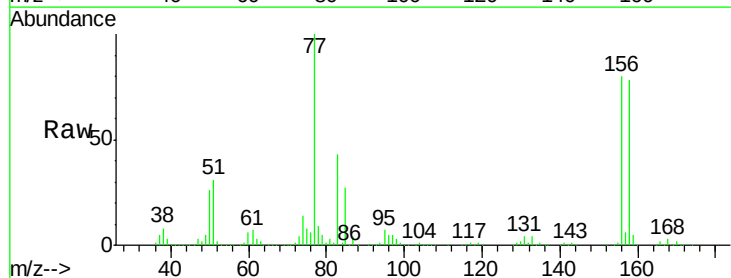
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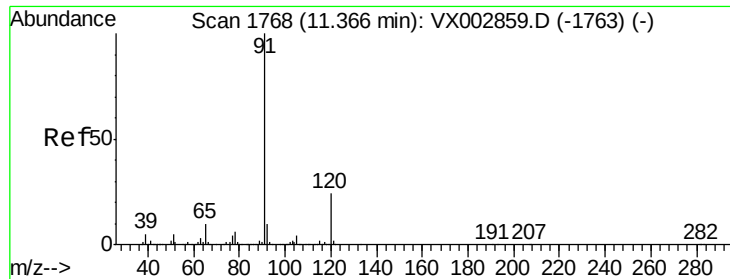


#77

Bromobenzene
Concen: 50.31 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion: 156 Resp: 220414
Ion Ratio Lower Upper
156 100
77 136.2 71.4 214.2
158 97.0 48.9 146.6





#78

n-propylbenzene

Concen: 64.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

S22-0037MSD

Tot Ion: 91 Resp: 1124920

Ion Ratio Lower Upper

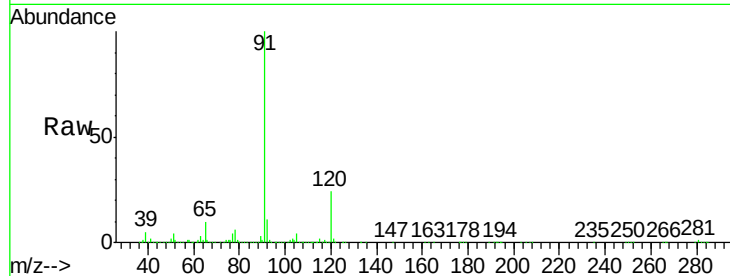
91 100

120 24.4 11.8 35.4

Manual Integrations
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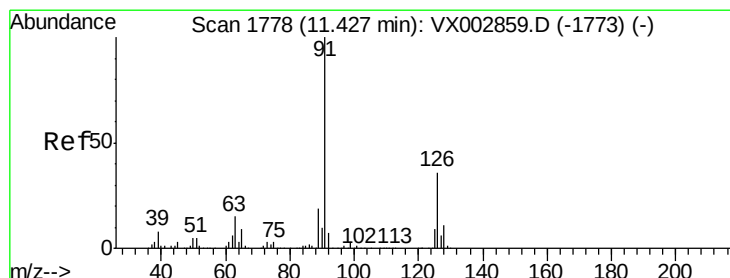
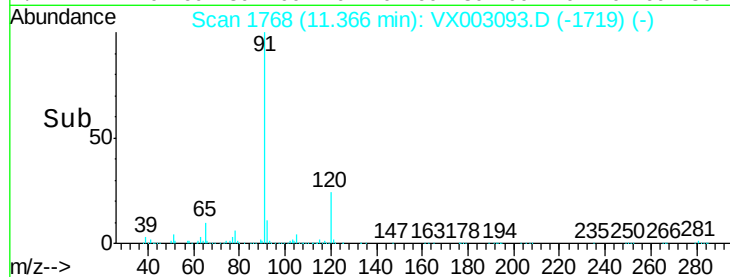
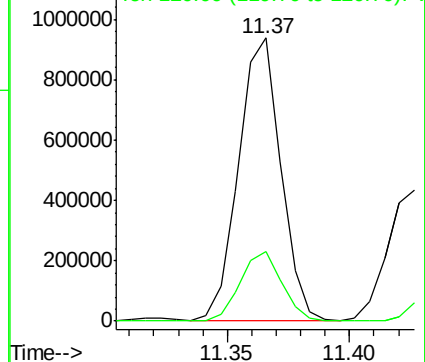
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 61.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003093.D

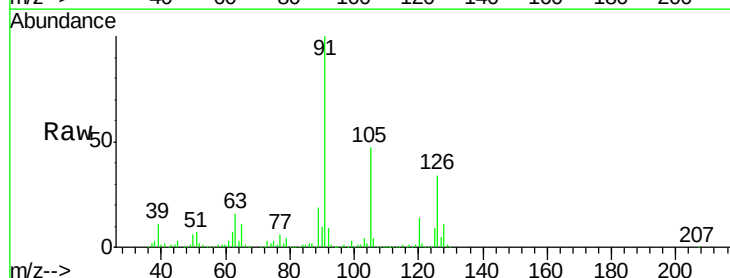
Acq: 30 Jun 2018 21:35

Tgt Ion: 91 Resp: 649217

Ion Ratio Lower Upper

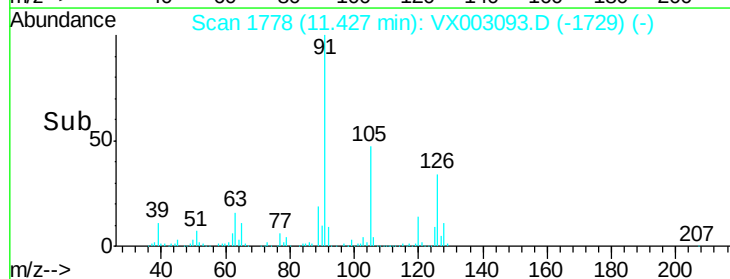
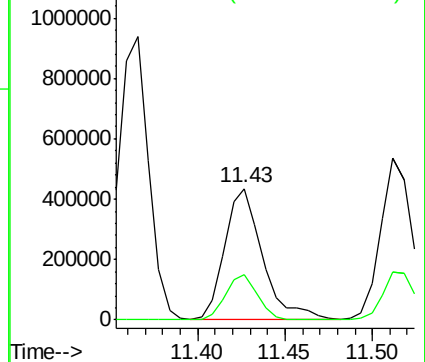
91 100

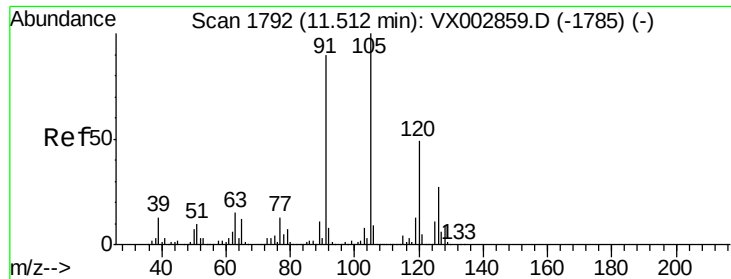
126 29.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





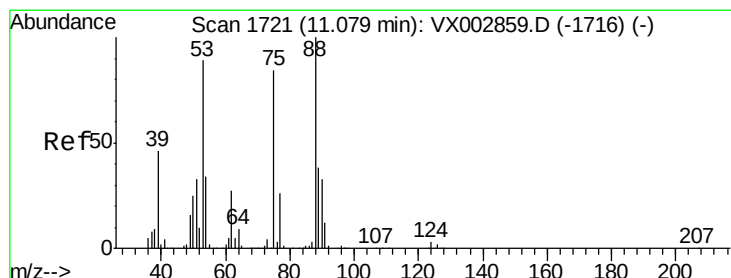
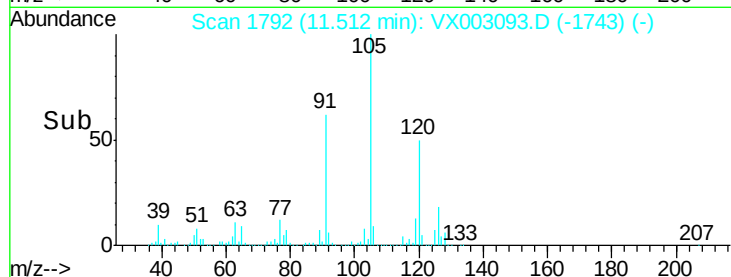
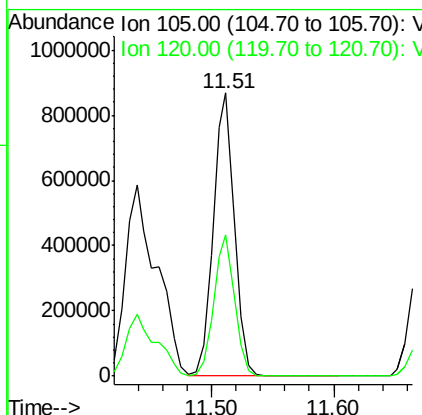
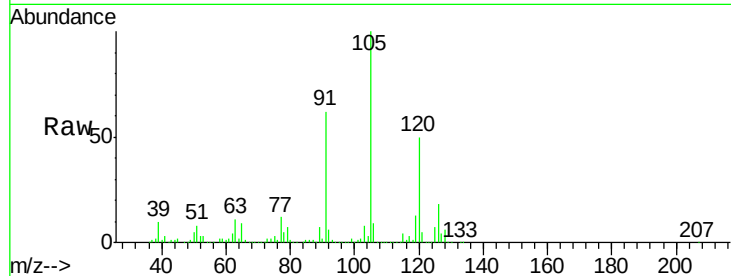
#80
 1,3,5-Trimethylbenzene
 Concen: 80.81 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MSD

Tot Ion:105 Resp: 1047014
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.4

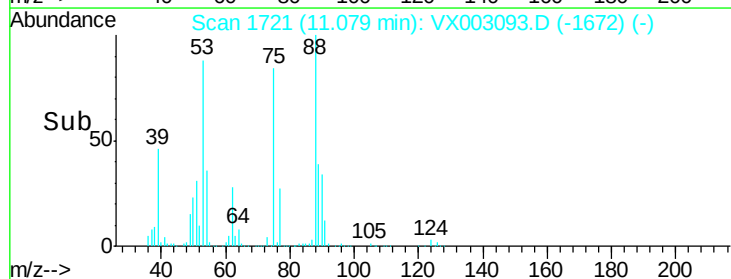
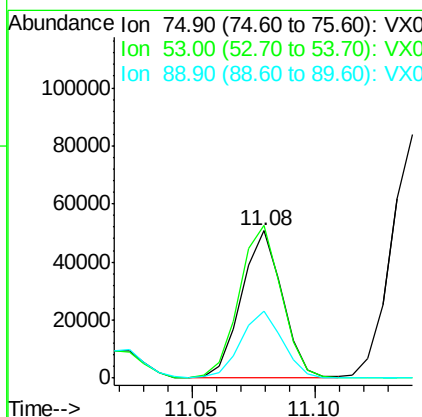
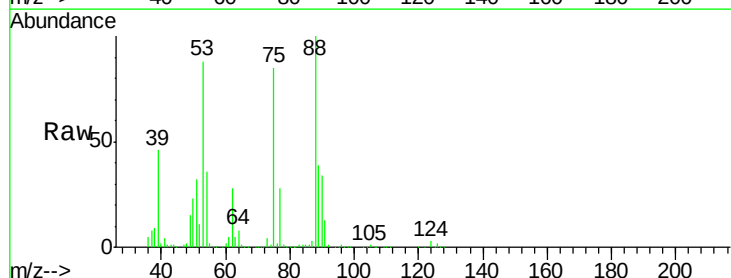
Manual Integrations
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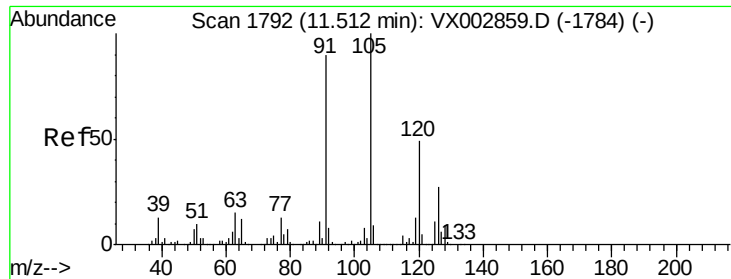
apatel
 7/2/2018 4:19:36 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.75 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion: 75 Resp: 58763
 Ion Ratio Lower Upper
 75 100
 53 107.0 86.8 130.2
 89 47.0 38.2 57.2





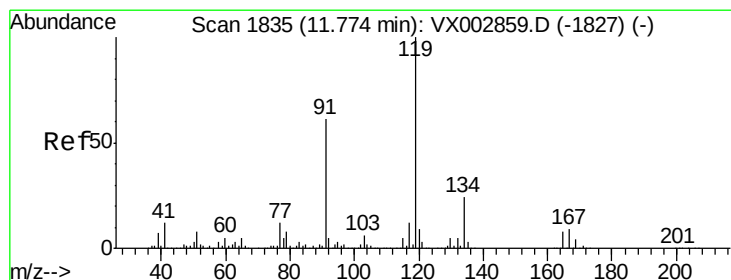
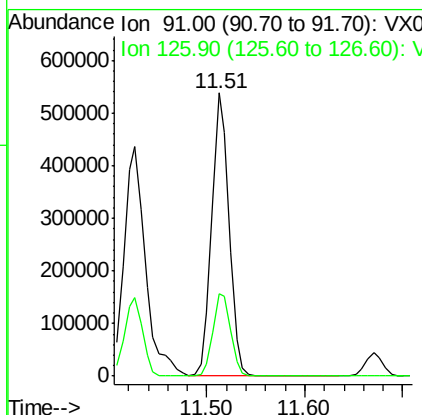
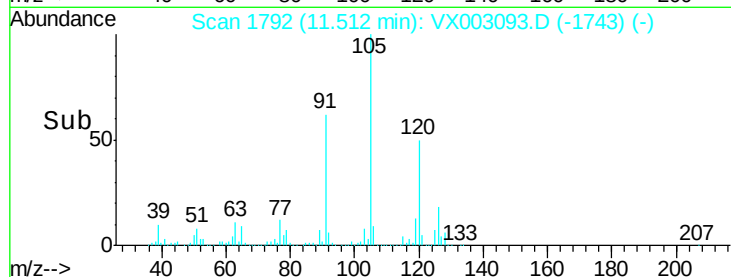
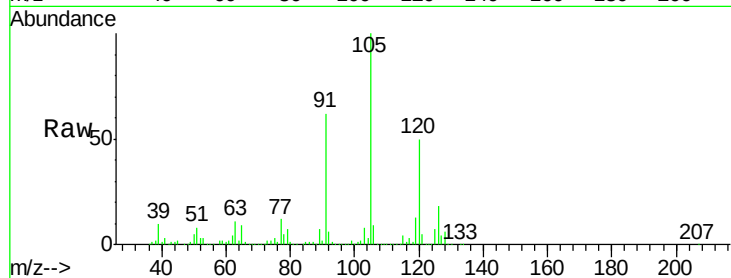
#82
4-Chlorotoluene
Concen: 52.76 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion: 91 Resp: 662211
Ion Ratio Lower Upper
91 100
126 30.1 15.4 46.4

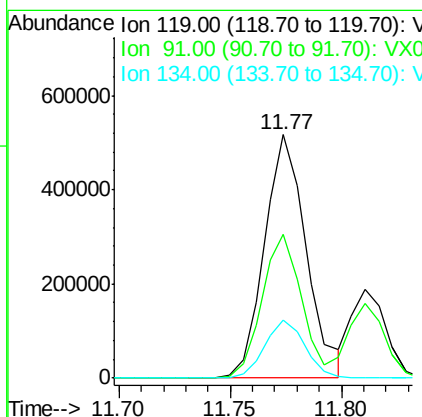
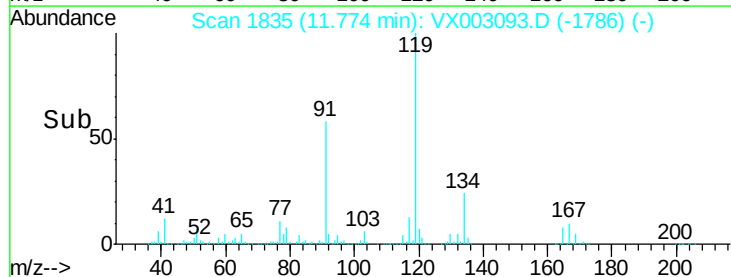
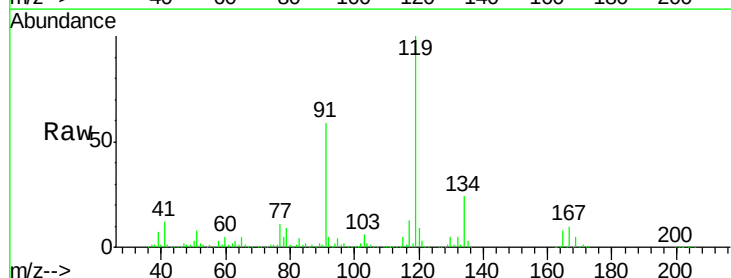
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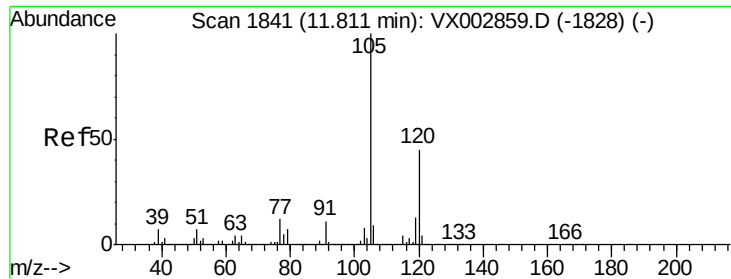
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#83
tert-Butylbenzene
Concen: 52.84 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion: 119 Resp: 674774
Ion Ratio Lower Upper
119 100
91 55.3 30.3 90.9
134 23.0 11.7 35.1





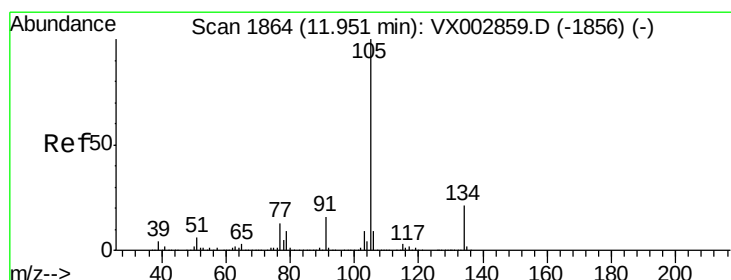
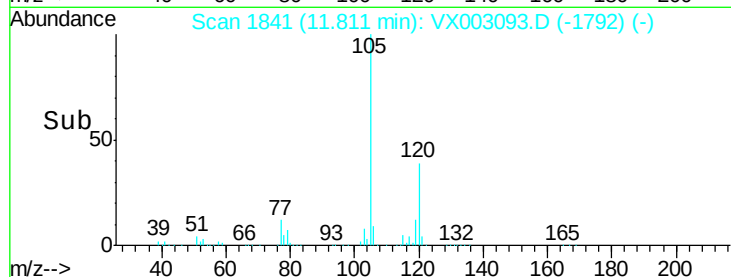
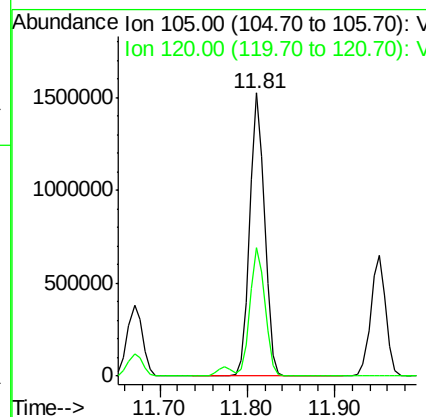
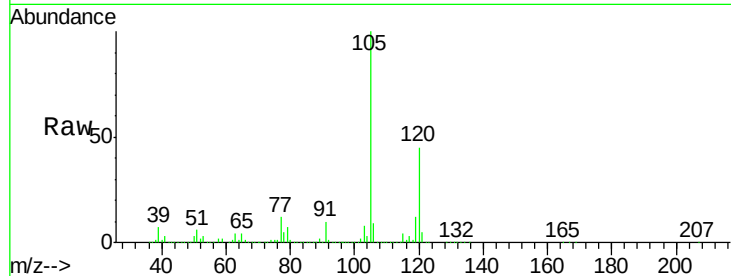
#84
1,2,4-Trimethylbenzene
Concen: 133.52 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion:105 Resp: 1792489
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8

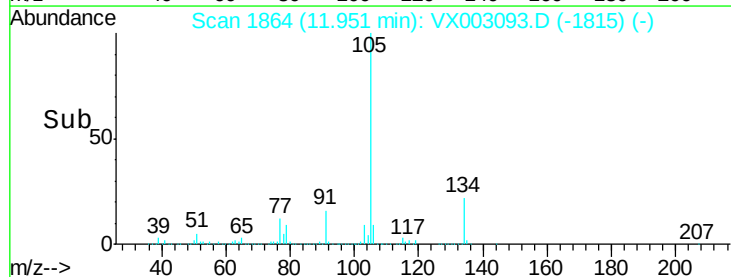
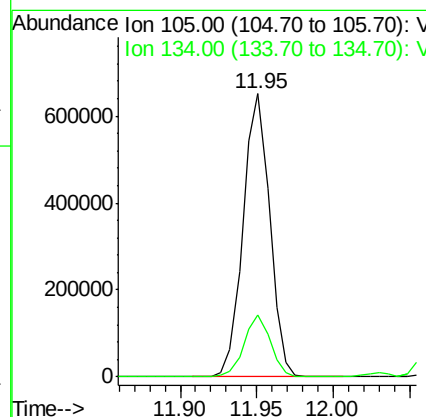
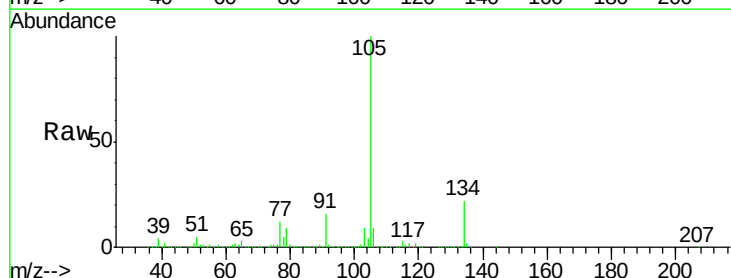
Manual Integrations
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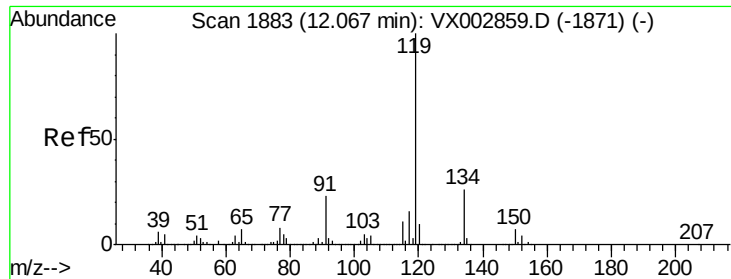
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#85
sec-Butylbenzene
Concen: 50.56 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion:105 Resp: 783238
Ion Ratio Lower Upper
105 100
134 21.5 10.4 31.1





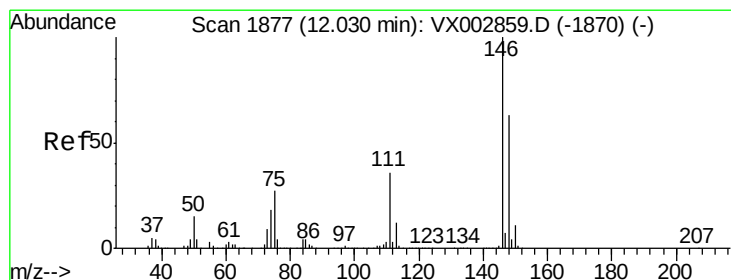
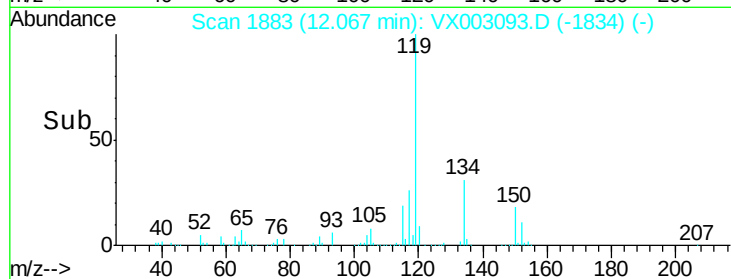
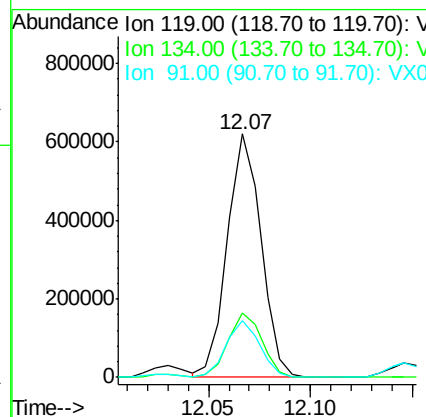
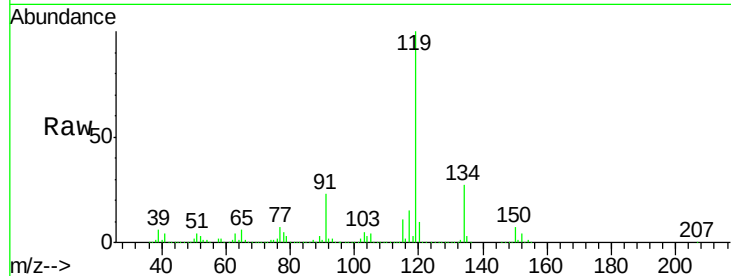
#86
 p-Isopropyltoluene
 Concen: 51.04 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	710850		
134	26.8		13.4	40.1
91	23.0		11.9	35.7

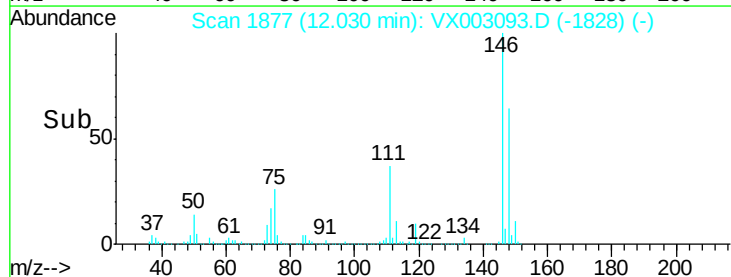
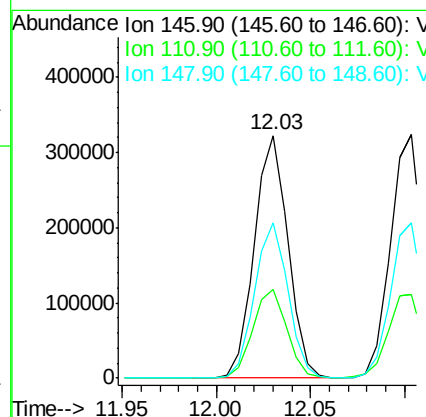
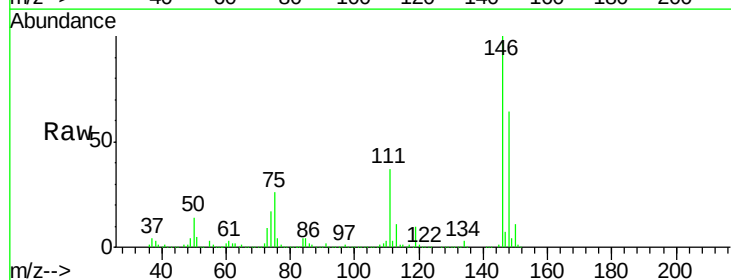
Manual Integrations
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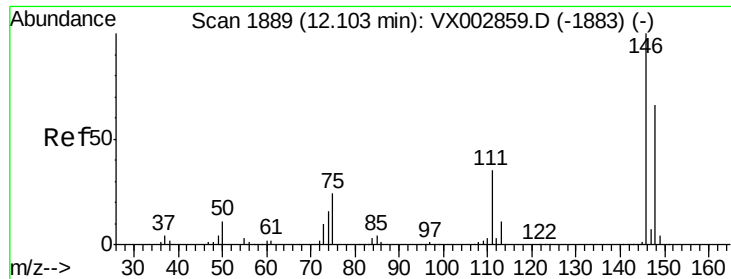
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#87
 1,3-Dichlorobenzene
 Concen: 49.80 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	398485		
111	37.1		18.9	56.7
148	63.8		32.1	96.3





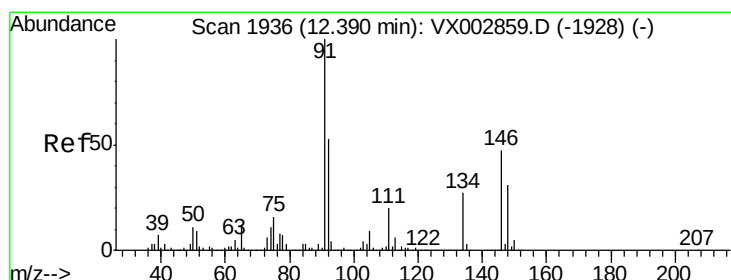
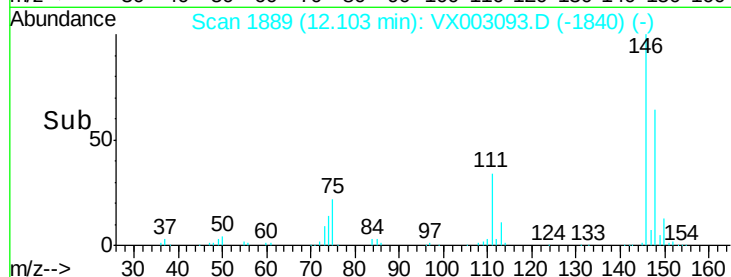
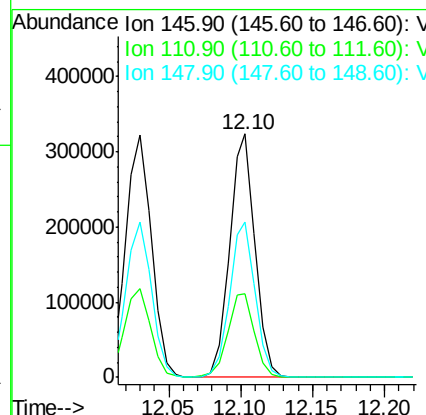
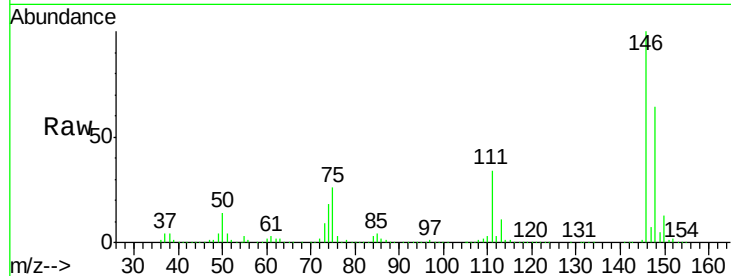
#88
 1,4-Dichlorobenzene
 Concen: 48.68 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampled :
 S22-0037MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.7	56.1
148	64.4	32.4	97.0

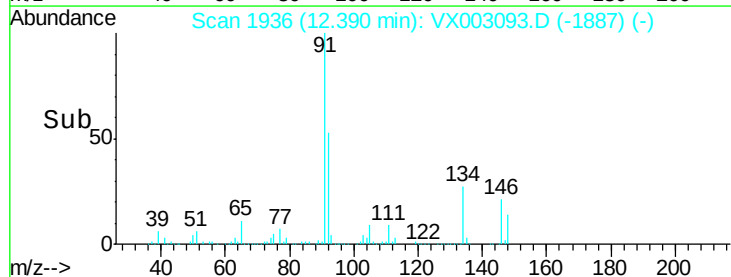
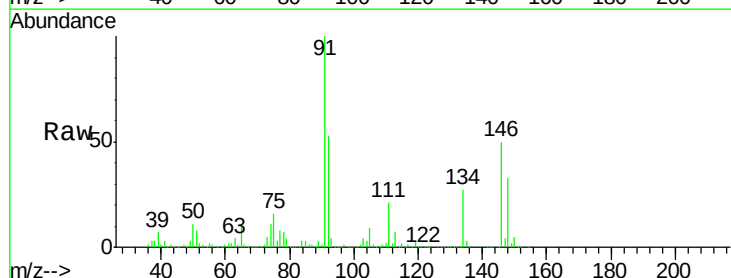
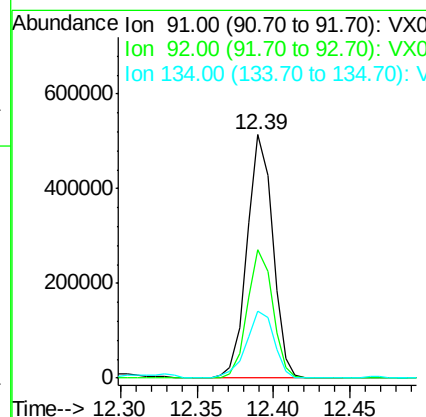
Manual Integrations
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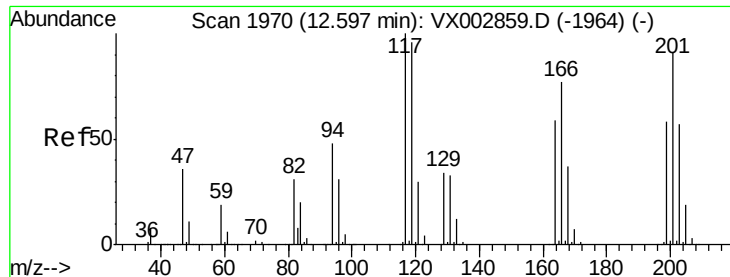
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#89
 n-Butylbenzene
 Concen: 49.46 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	30.1	13.5	40.5





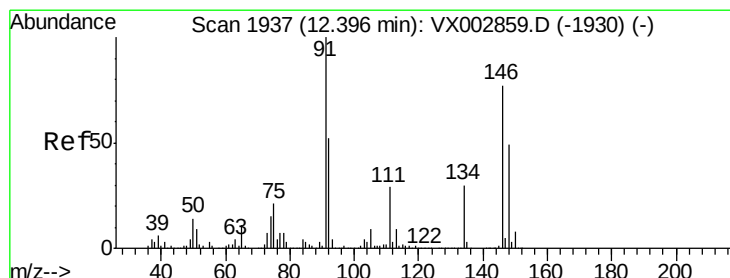
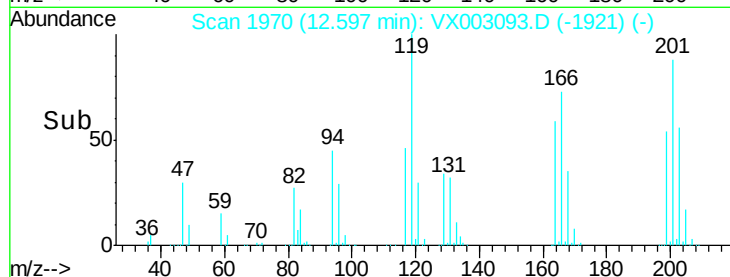
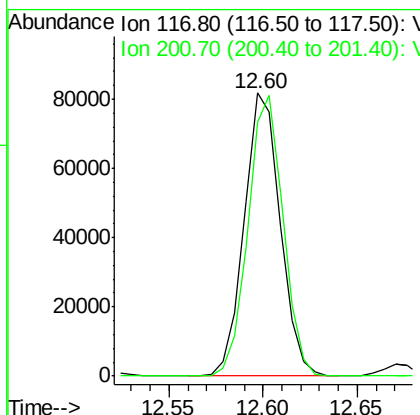
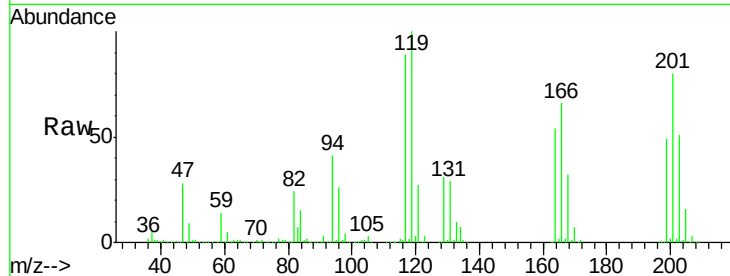
#90
Hexachloroethane
Concen: 52.41 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Tot Ion:117 Resp: 108574
Ion Ratio Lower Upper
117 100
201 95.9 49.0 147.0

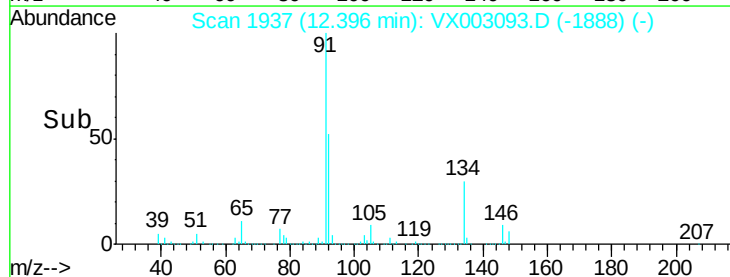
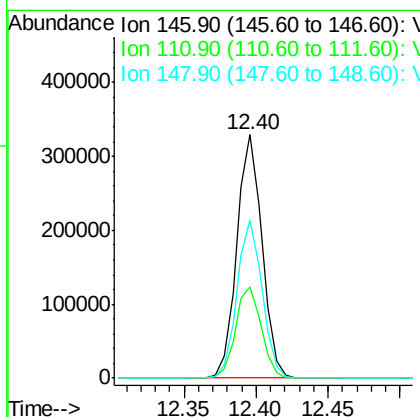
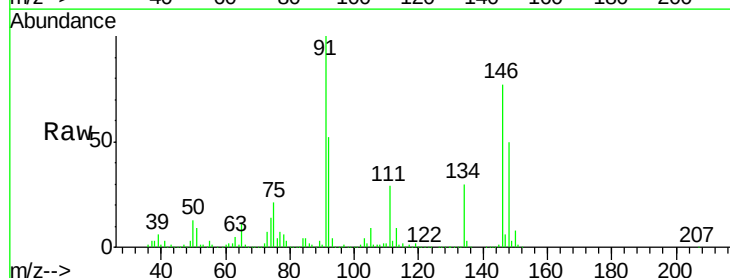
Manual Integrations
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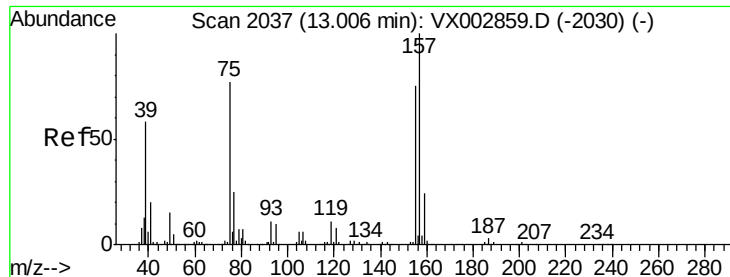
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#91
1,2-Dichlorobenzene
Concen: 49.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003093.D
Acq: 30 Jun 2018 21:35

Tgt Ion:146 Resp: 401795
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.1
148 64.7 31.7 95.1





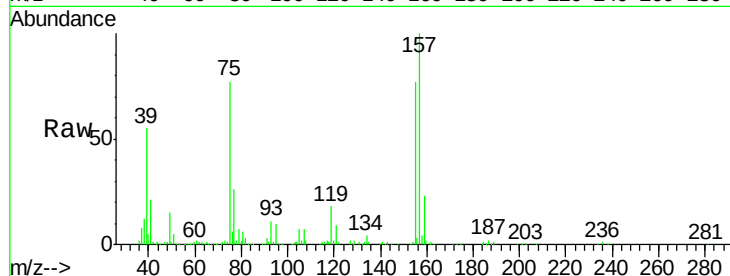
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.8	45.8	137.4
157	125.9	60.1	180.3

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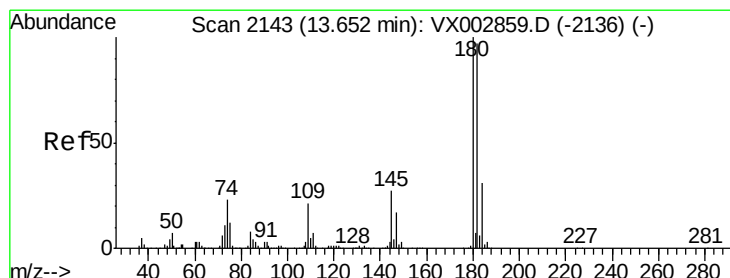
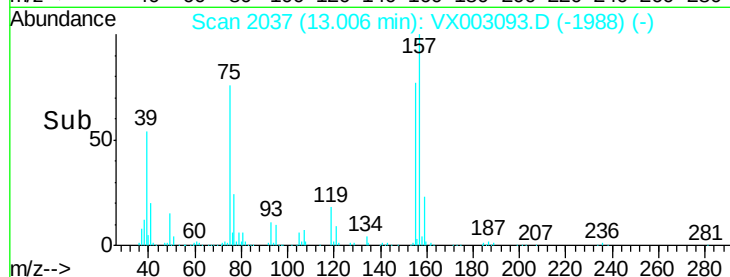
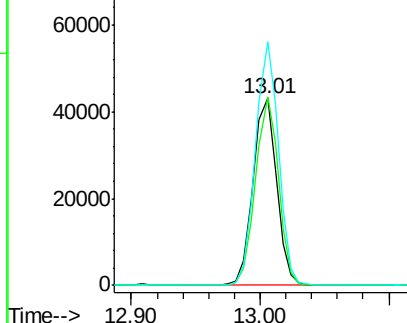
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Abundance Ion 74.90 (74.60 to 75.60): VX002859.D (-2030) (-)

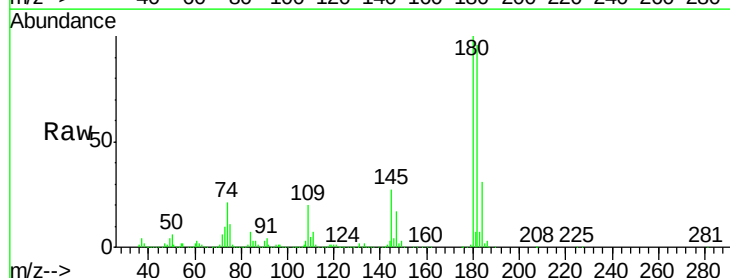
Ion 154.80 (154.50 to 155.50): VX002859.D (-2030) (-)

Ion 156.80 (156.50 to 157.50): VX002859.D (-2030) (-)



#93
 1,2,4-Trichlorobenzene
 Concen: 49.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

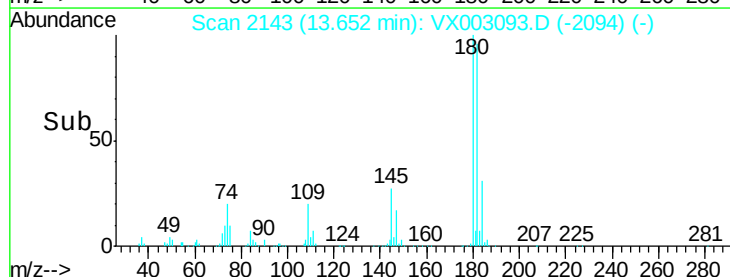
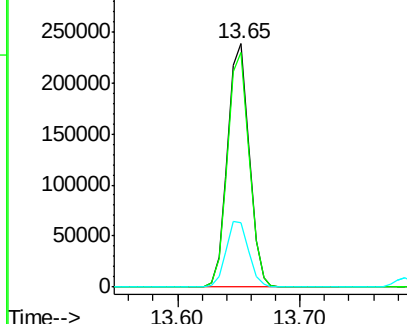
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	28.3	14.1	42.4

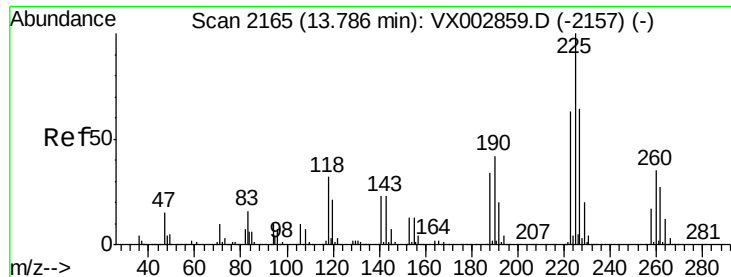


Abundance Ion 179.80 (179.50 to 180.50): VX002859.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX002859.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX002859.D (-2136) (-)





#94

Hexachlorobutadiene

Concen: 47.36 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Instrument :

MSVOA_X

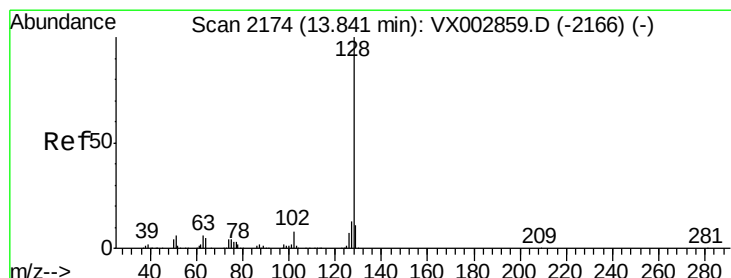
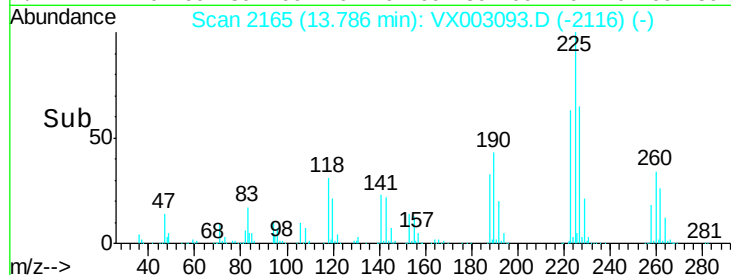
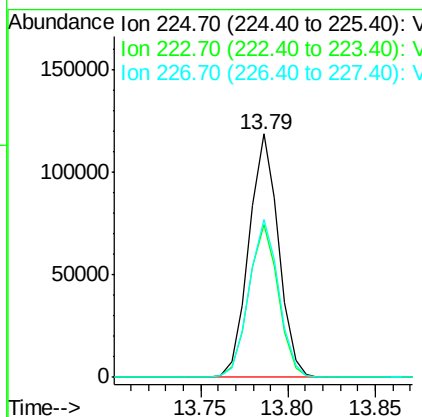
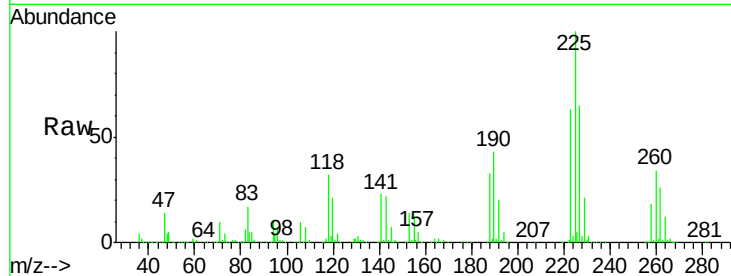
ClientSampled :

S22-0037MSD

Tot Ion:	225	Resp:	138830
Ion Ratio		Lower	Upper
225	100		
223	62.5	31.6	95.0
227	64.9	32.4	97.2

Manual Integrations
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#95

Naphthalene

Concen: 63.06 ug/l

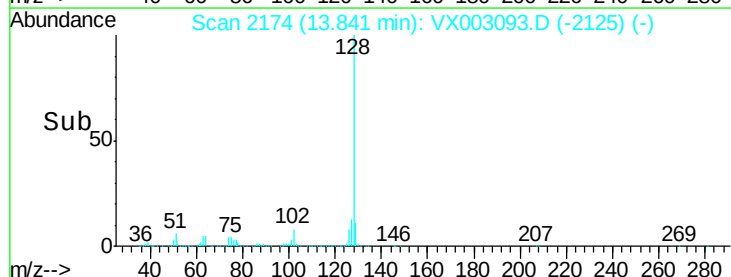
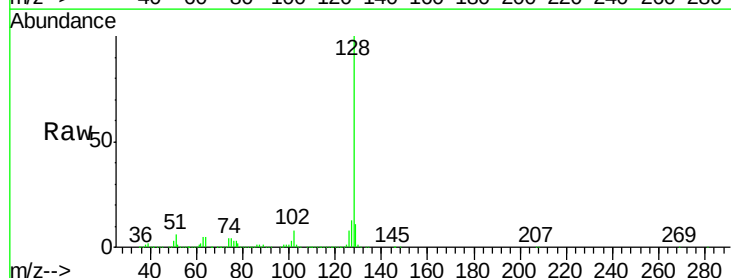
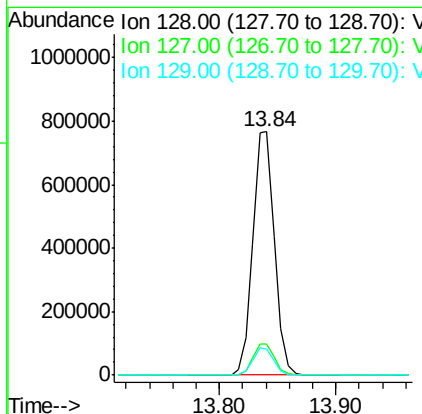
RT: 13.84 min Scan# 2174

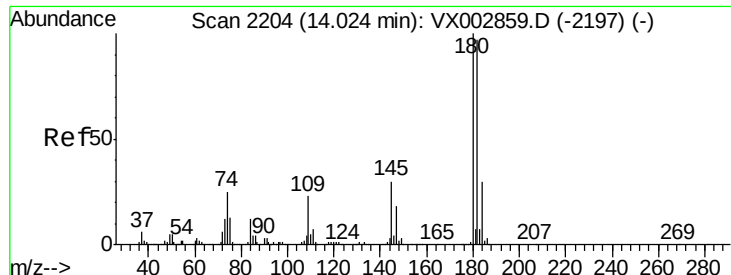
Delta R.T. -0.00 min

Lab File: VX003093.D

Acq: 30 Jun 2018 21:35

Tgt Ion:	128	Resp:	987132
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 50.71 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003093.D
 Acq: 30 Jun 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	48.0	144.0
145	30.0	14.8	44.3

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:36 PM

