

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003144.D
 Acq On : 03 Jul 2018 13:11
 Operator : JC/MD
 Sample : J3754-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:53 PM

Quant Time: Jul 04 03:48:16 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	280963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235043	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185477	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.51	113	154818	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.72	98	550231	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	213067	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	139004	55.445	ug/l	99
3) Chloromethane	1.32	50	139919	53.811	ug/l	99
4) Vinyl Chloride	1.40	62	165051	51.945	ug/l	100
5) Bromomethane	1.64	94	55183	36.469	ug/l	100
6) Chloroethane	1.72	64	100184	53.907	ug/l	99
7) Trichlorofluoromethane	1.93	101	251632	46.949	ug/l	99
8) Diethyl Ether	2.19	74	94960	48.735	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145116	46.727	ug/l	97
10) Methyl Iodide	2.51	142	127028	41.537	ug/l	97
11) Tert butyl alcohol	3.08	59	197446	255.223	ug/l	98
12) 1,1-Dichloroethene	2.37	96	136232	49.165	ug/l	93
13) Acrolein	2.29	56	54925	130.125	ug/l	97
14) Allyl chloride	2.73	41	235841	43.178	ug/l	95
15) Acrylonitrile	3.15	53	408423	247.167	ug/l	100
16) Acetone	2.45	43	373549	232.269	ug/l	96
17) Carbon Disulfide	2.57	76	384146	52.032	ug/l	99
18) Methyl Acetate	2.78	43	143783	31.977	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	472317	47.414	ug/l	100
20) Methylene Chloride	2.86	84	150399	48.056	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	148312	49.142	ug/l	92
22) Diisopropyl ether	3.88	45	489973	46.928	ug/l	96
23) Vinyl Acetate	3.83	43	1599858	180.959	ug/l	98
24) 1,1-Dichloroethane	3.70	63	270705	47.703	ug/l	100
25) 2-Butanone	4.72	43	599122	251.013	ug/l	97
26) 2,2-Dichloropropane	4.59	77	73676	15.966	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	170108	50.271	ug/l	85
28) Bromochloromethane	5.03	49	125719	46.284	ug/l	91
29) Tetrahydrofuran	5.17	42	387491	253.163	ug/l	95
30) Chloroform	5.22	83	290316	49.849	ug/l	95
31) Cyclohexane	5.57	56	309423	63.534	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	258046	50.360	ug/l	98
36) 1,1-Dichloropropene	5.80	75	216053	50.213	ug/l	98
37) Ethyl Acetate	4.87	43	181394	39.154	ug/l	99
38) Carbon Tetrachloride	5.78	117	236383	50.063	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	313763	62.605	ug/l	96
40) Benzene	6.15	78	8357597	668.512	ug/l	99
41) Methacrylonitrile	5.07	41	133011	49.859	ug/l	97
42) 1,2-Dichloroethane	6.20	62	227561	45.061	ug/l	97
43) Isopropyl Acetate	6.48	43	326135	41.975	ug/l	98
44) Trichloroethene	7.21	130	188758	50.641	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160177	48.300	ug/l	100
46) Dibromomethane	7.67	93	113524	49.327	ug/l	95
47) Bromodichloromethane	7.90	83	215098	50.556	ug/l	99
48) Methyl methacrylate	7.79	41	197693	49.381	ug/l	94
49) 1,4-Dioxane	7.76	88	70862	909.780	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1216842	250.318	ug/l	97
52) Toluene	8.79	92	410863	51.301	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	214868	44.592	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	205456	44.314	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	167064	50.764	ug/l	97
56) Ethyl methacrylate	9.19	69	249895	51.955	ug/l	94
57) 1,3-Dichloropropane	9.38	76	270979	50.133	ug/l	100
59) 2-Hexanone	9.50	43	951628	257.577	ug/l	96
60) Dibromochloromethane	9.59	129	182540	52.689	ug/l	100
61) 1,2-Dibromoethane	9.68	107	177922	51.542	ug/l	100
64) Tetrachloroethene	9.34	164	203923	49.220	ug/l	99
65) Chlorobenzene	10.14	112	477394	50.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	176055	51.209	ug/l	100
67) Ethyl Benzene	10.26	91	938401	60.025	ug/l	100
68) m/p-Xylenes	10.37	106	727521	120.746	ug/l	97
69) o-Xylene	10.70	106	346799	59.112	ug/l	97
70) Styrene	10.71	104	516172	54.146	ug/l	99
71) Bromoform	10.86	173	146734	47.454	ug/l	99
73) Isopropylbenzene	11.02	105	916825	57.983	ug/l	99
74) N-amyl acetate	6.48	43	326135	42.155	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	244022	50.100	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	233102m	54.751	ug/l	
77) Bromobenzene	11.26	156	232310	51.591	ug/l	95
78) n-propylbenzene	11.37	91	946729	52.601	ug/l	98
79) 2-Chlorotoluene	11.43	91	551221	50.586	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	731527	54.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50809	35.659	ug/l	99
82) 4-Chlorotoluene	11.51	91	652123	50.552	ug/l	99
83) tert-Butylbenzene	11.77	119	687356	52.370	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	763234	55.313	ug/l	97
85) sec-Butylbenzene	11.95	105	820462	51.529	ug/l	99
86) p-Isopropyltoluene	12.07	119	745033	52.046	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	419890	51.056	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	429349	50.731	ug/l	99
89) n-Butylbenzene	12.39	91	621322	49.867	ug/l	99
90) Hexachloroethane	12.60	117	117802	55.327	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	419085	50.489	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57405	52.427	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	316275	52.355	ug/l	99

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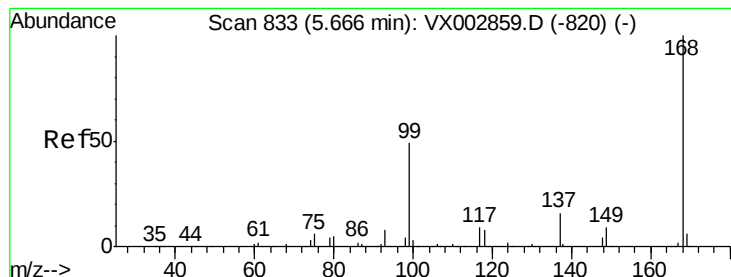
Manual Integrations
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Quant Time: Jul 04 03:48:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	157478	52.267	ug/l	98
95) Naphthalene	13.84	128	886015	55.067	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320120	53.054	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion:168 Resp: 280963

Ion Ratio Lower Upper

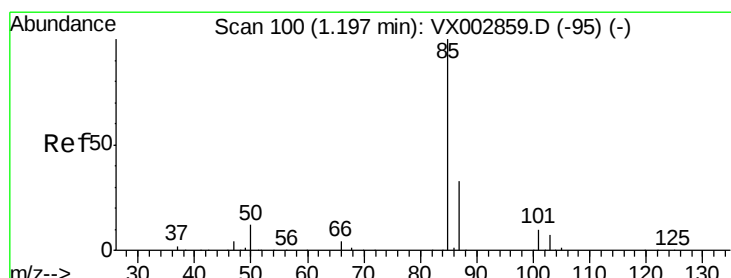
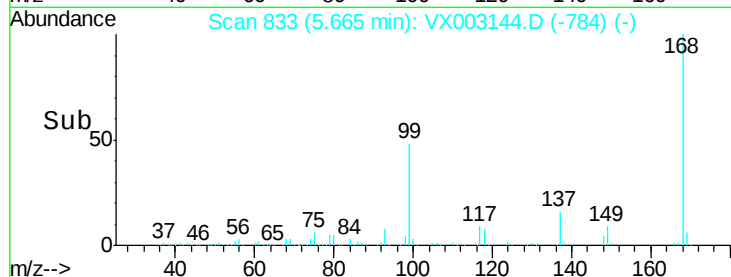
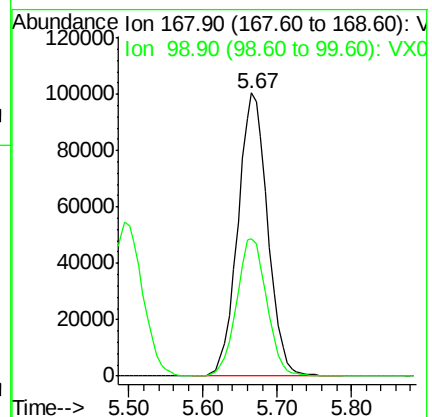
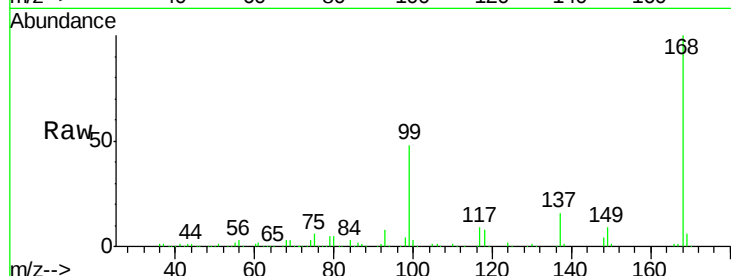
168 100

99 48.3 39.3 58.9

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 55.445 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003144.D

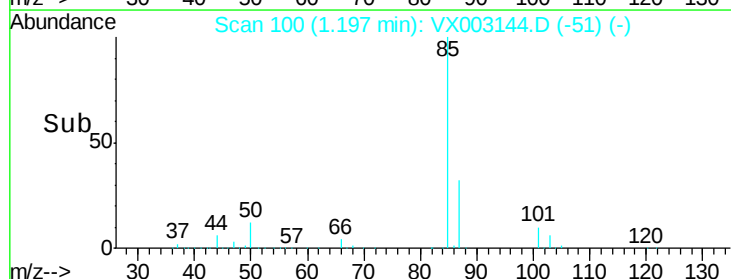
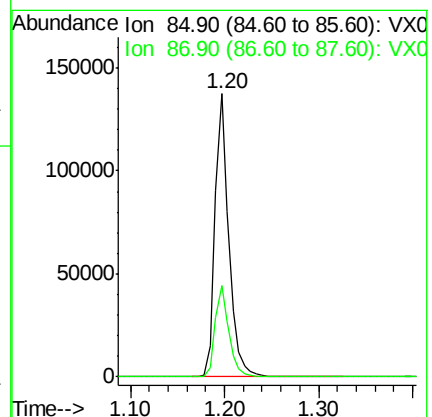
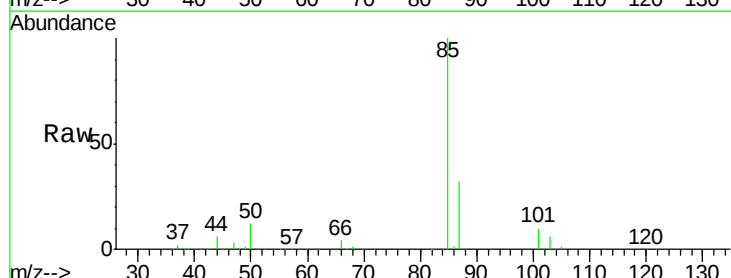
Acq: 03 Jul 2018 13:11

Tgt Ion: 85 Resp: 139004

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9





#3

Chloromethane

Concen: 53.811 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

S10-0142MS

Tot Ion: 50 Resp: 139919

Ion Ratio Lower Upper

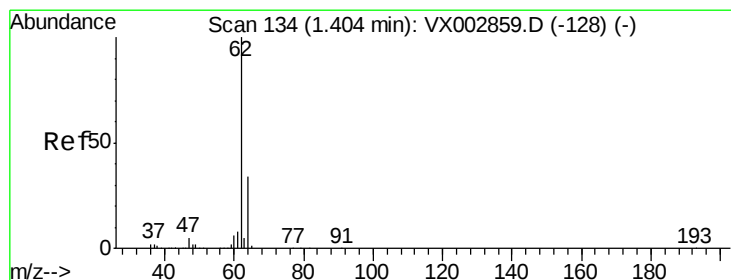
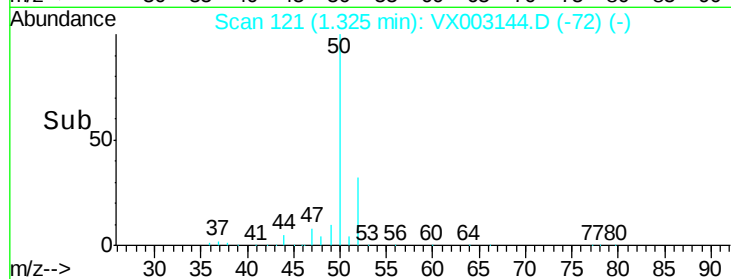
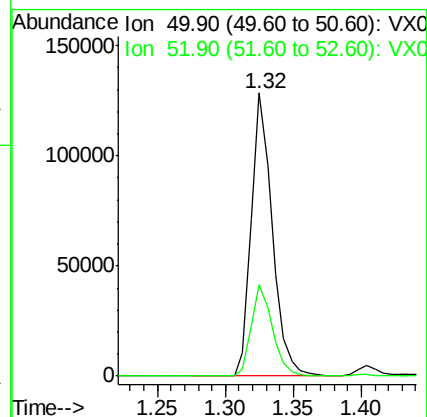
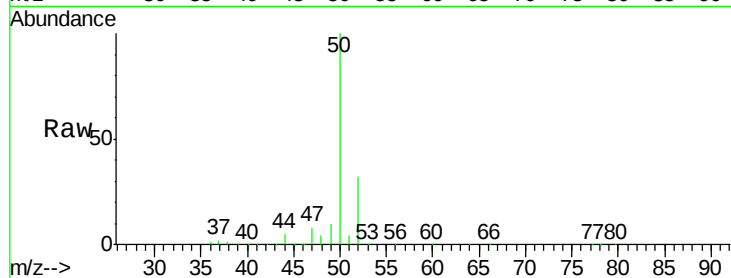
50 100

52 32.5 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 51.945 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003144.D

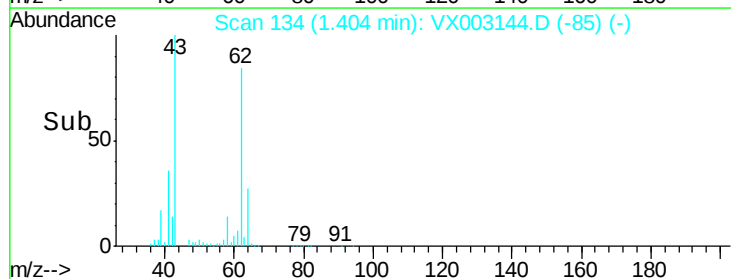
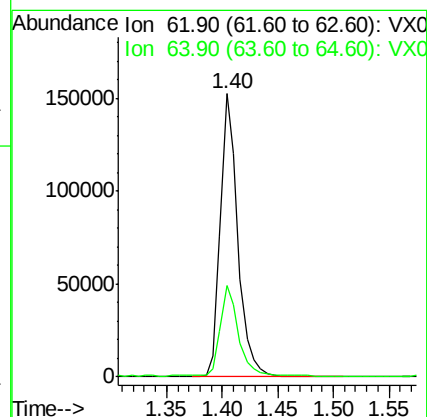
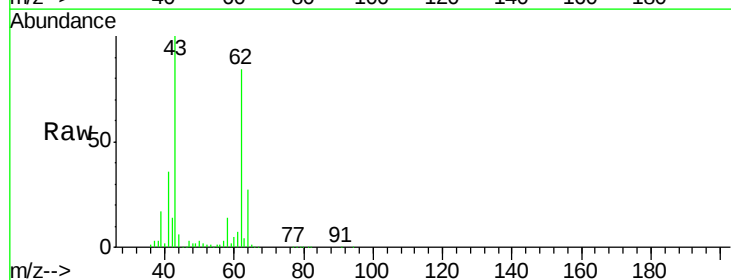
Acq: 03 Jul 2018 13:11

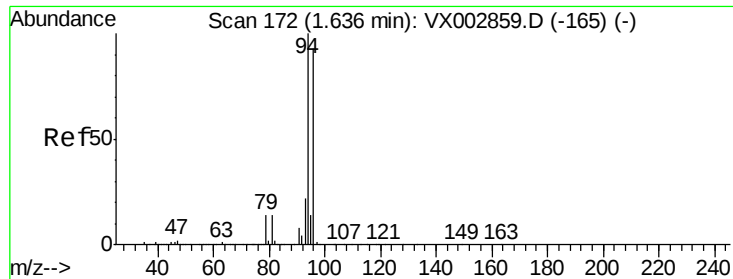
Tgt Ion: 62 Resp: 165051

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 36.469 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion: 94 Resp: 55183

Ion Ratio Lower Upper

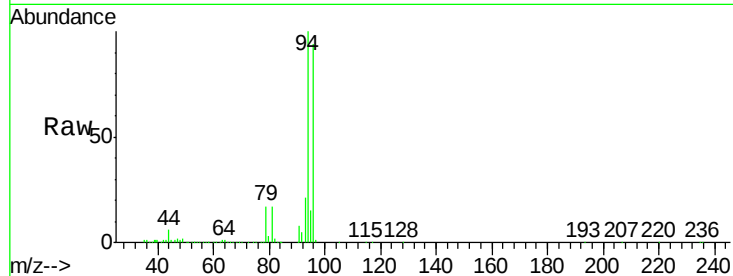
94 100

96 94.0 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

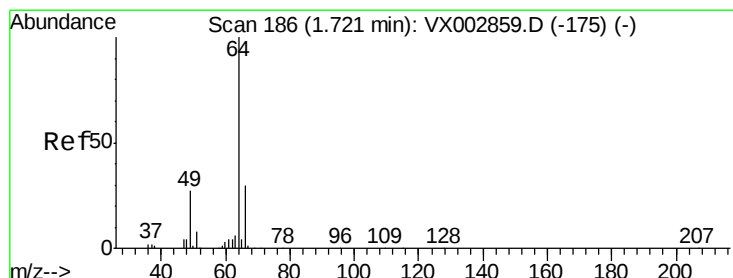
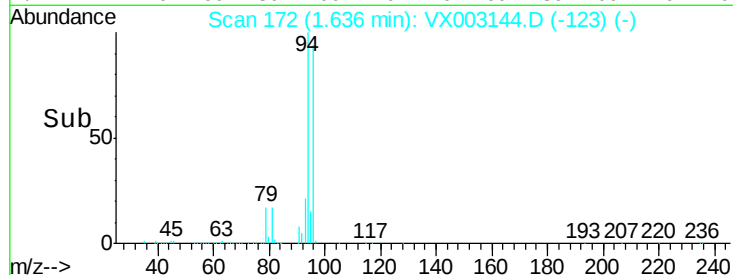
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 53.907 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003144.D

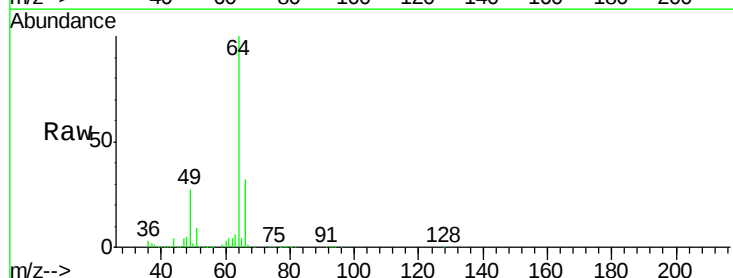
Acq: 03 Jul 2018 13:11

Tgt Ion: 64 Resp: 100184

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

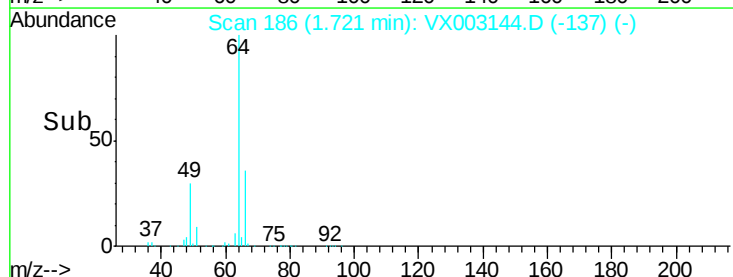
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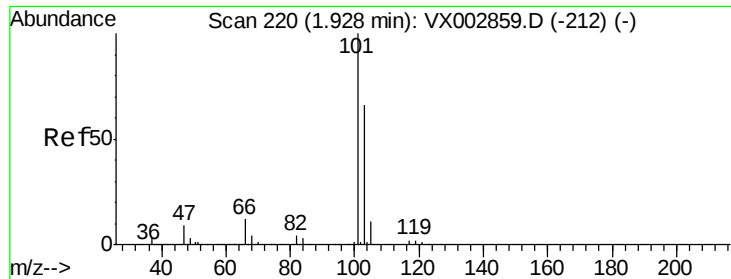
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20000

0

Time-->





#7

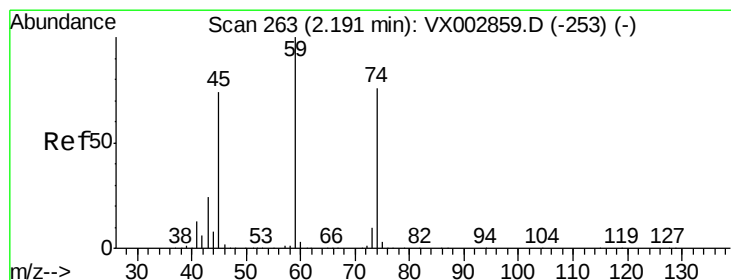
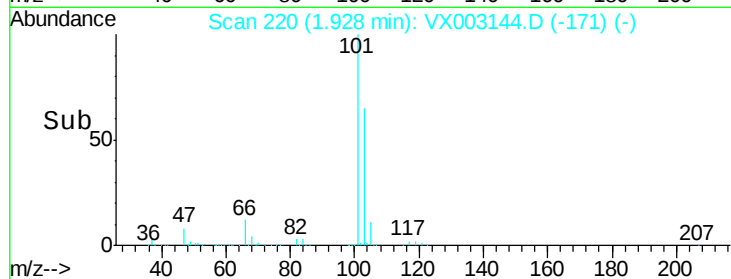
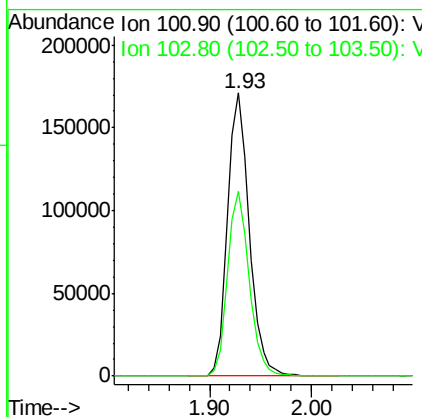
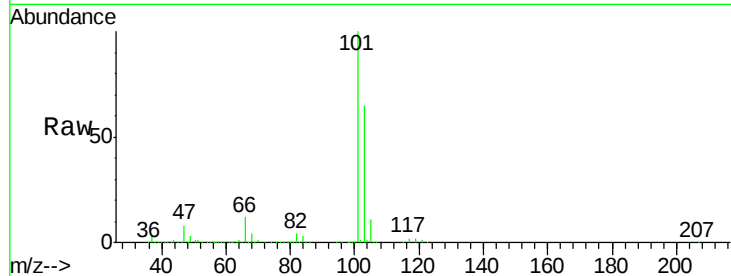
Trichlorofluoromethane
Concen: 46.949 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

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ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.8	79.2

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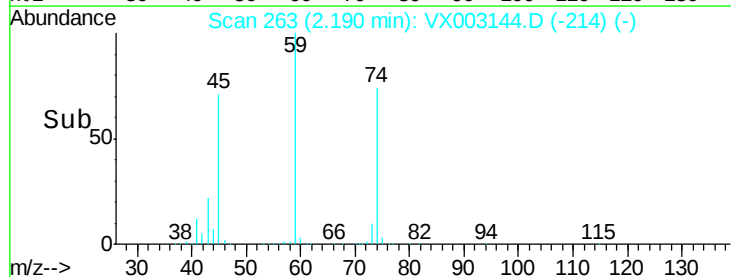
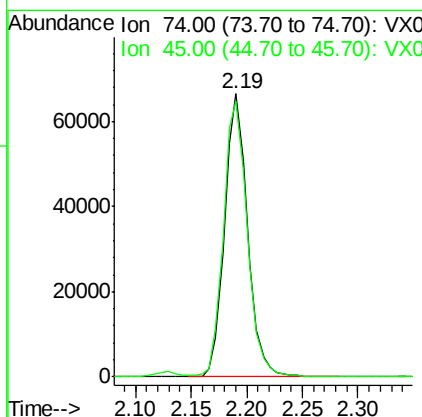
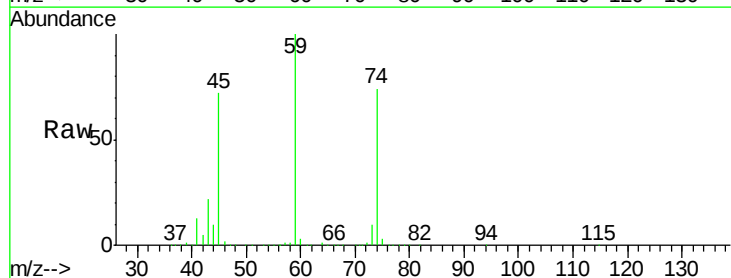
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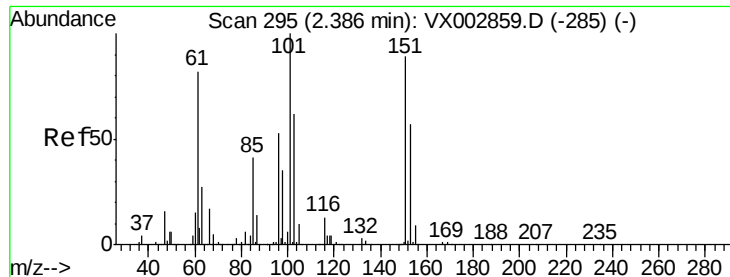


#8

Diethyl Ether
Concen: 48.735 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.727 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

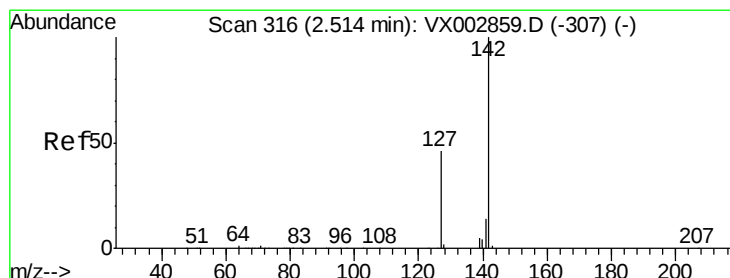
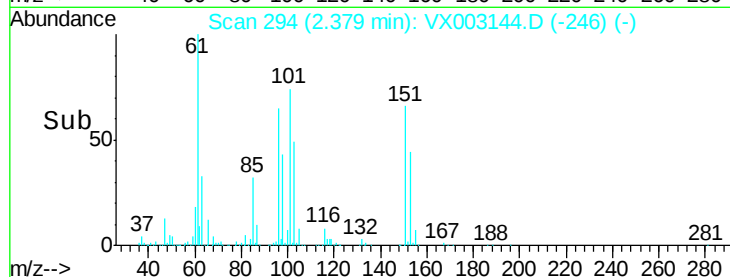
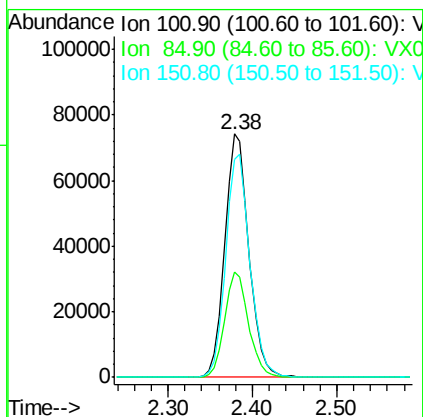
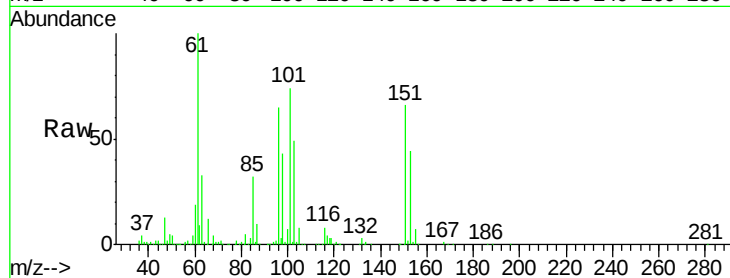
ClientSampled :

S10-0142MS

Tot Ion:	101	Resp:	145116
Ion Ratio	Lower	Upper	
101	100		
85	43.1	36.0	54.0
151	92.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 41.537 ug/l

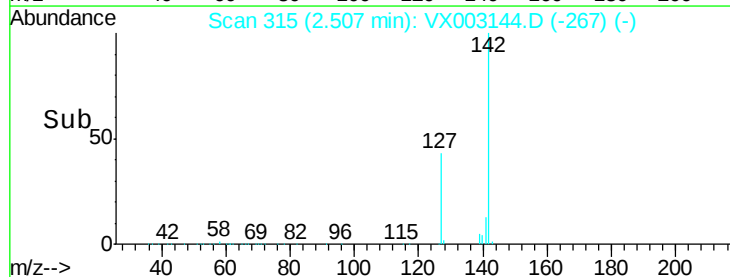
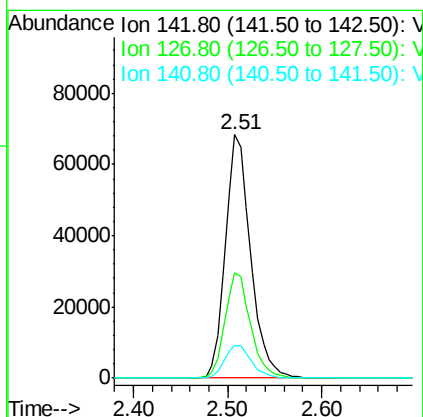
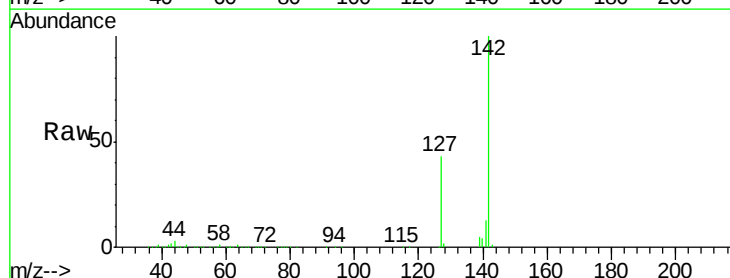
RT: 2.51 min Scan# 315

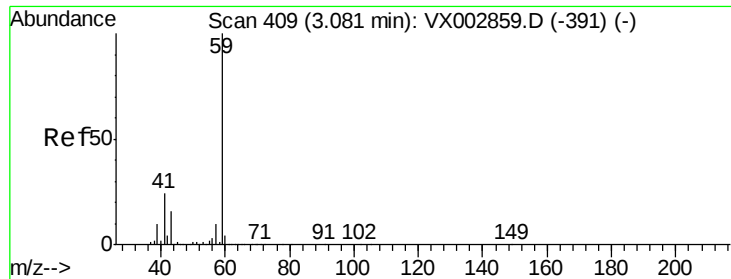
Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Tgt Ion:	142	Resp:	127028
Ion Ratio	Lower	Upper	
142	100		
127	43.7	36.6	55.0
141	14.2	11.3	16.9





#11

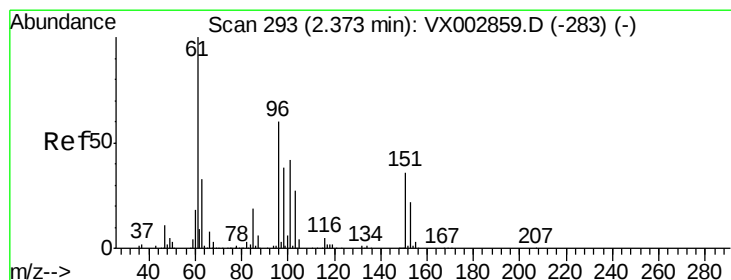
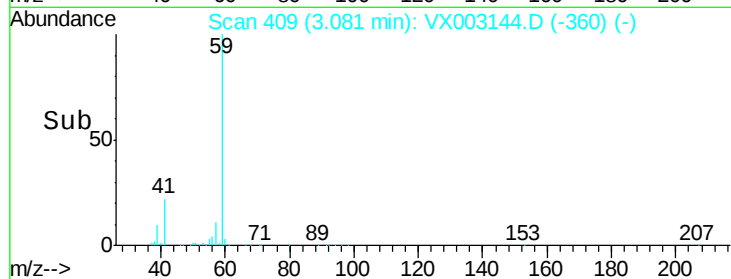
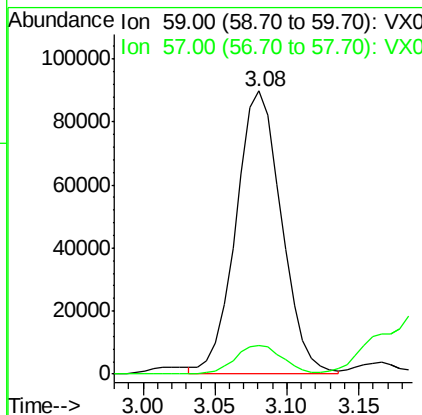
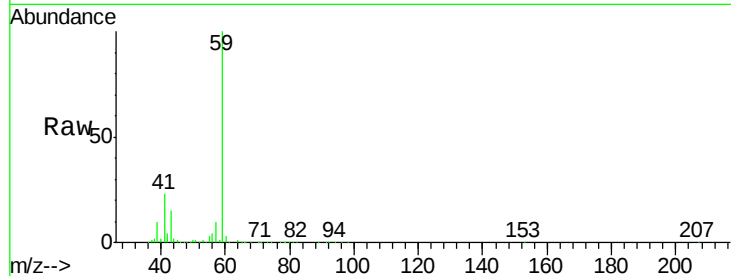
Tert butyl alcohol
Concen: 255.223 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

Manual Integrations
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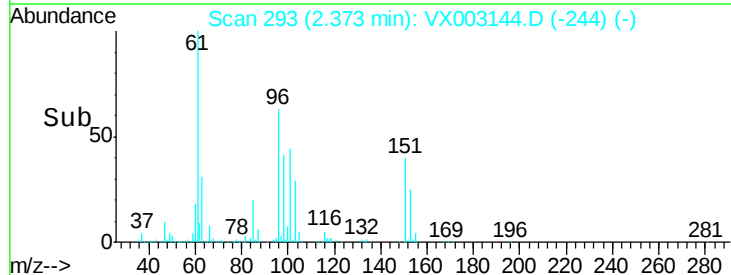
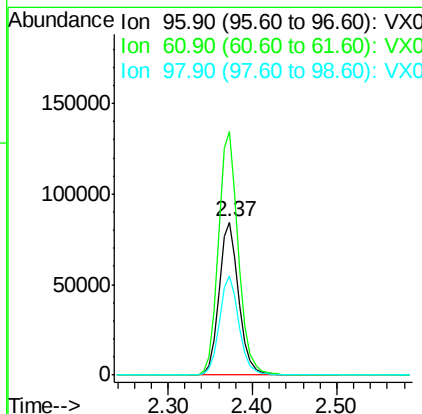
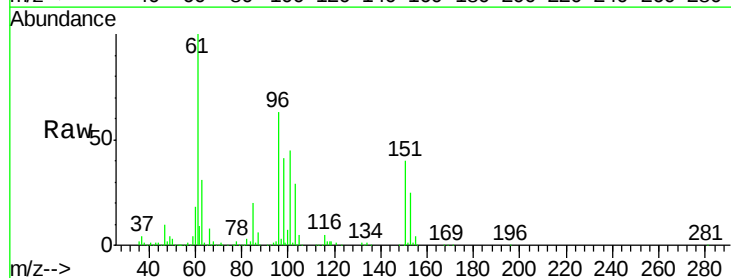
sam
7/5/2018 2:28:53 PM



#12

1,1-Dichloroethene
Concen: 49.165 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	137.9	206.9
98	64.6	51.6	77.4





#13

Acrolein

Concen: 130.125 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion: 56 Resp: 54925

Ion Ratio Lower Upper

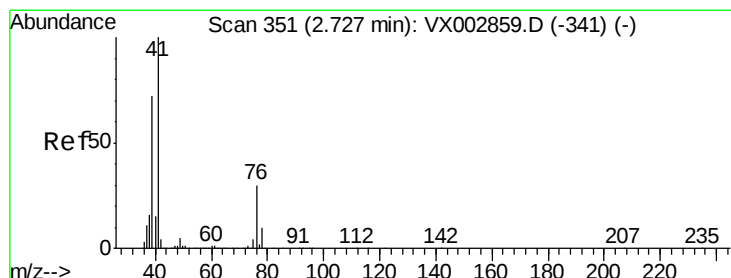
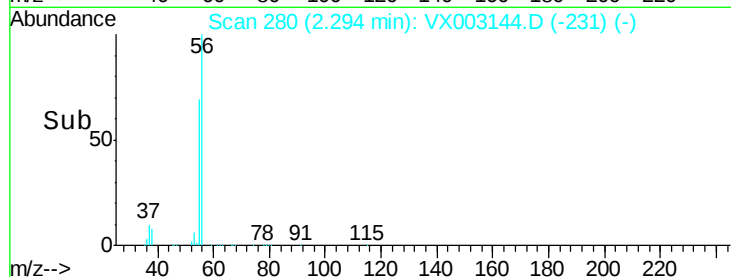
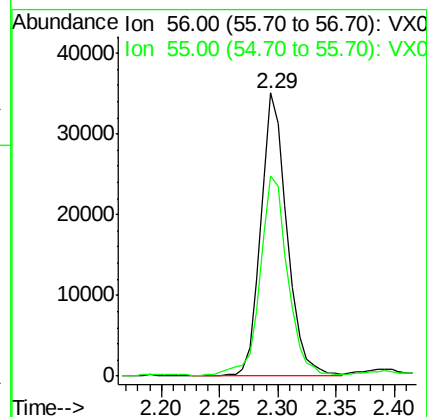
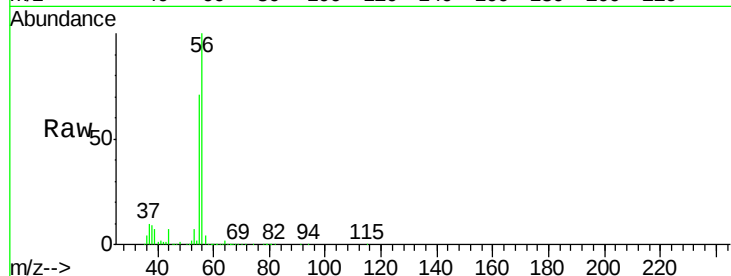
56 100

55 73.7 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 43.178 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

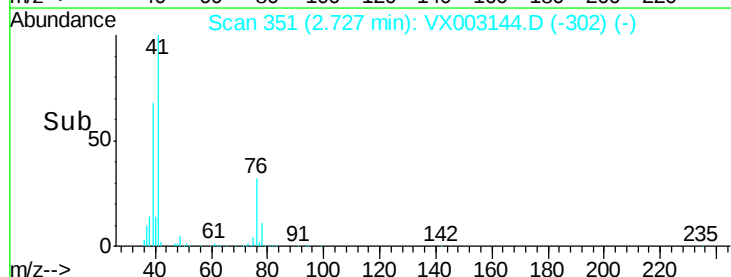
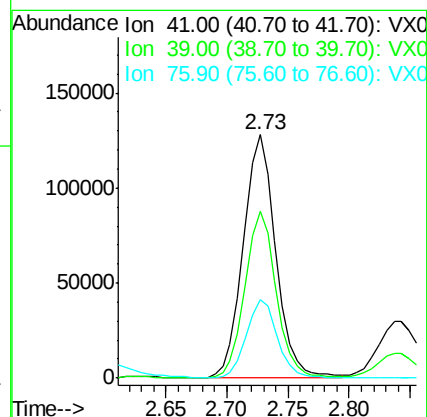
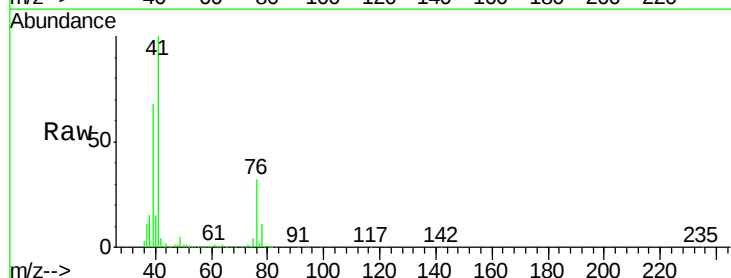
Tgt Ion: 41 Resp: 235841

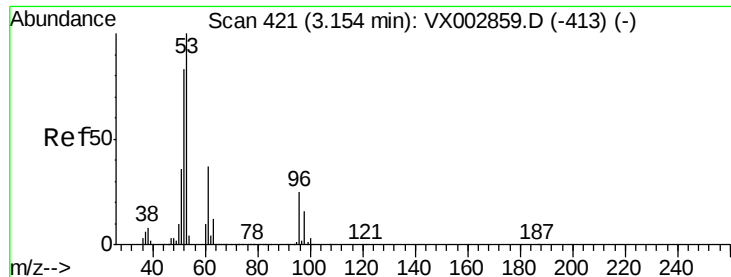
Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 30.8 23.8 35.8





#15

Acrylonitrile

Concen: 247.167 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

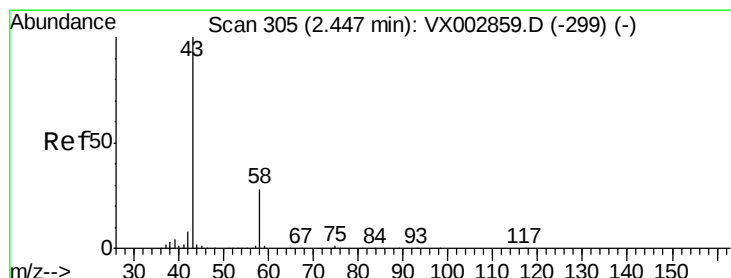
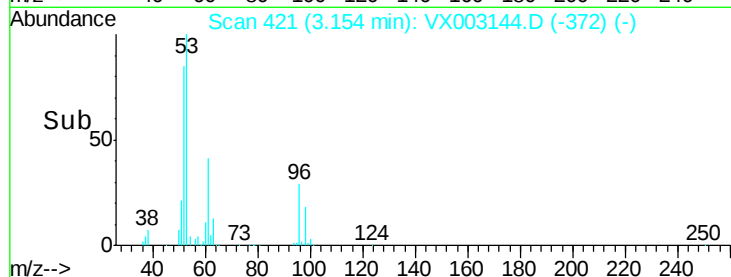
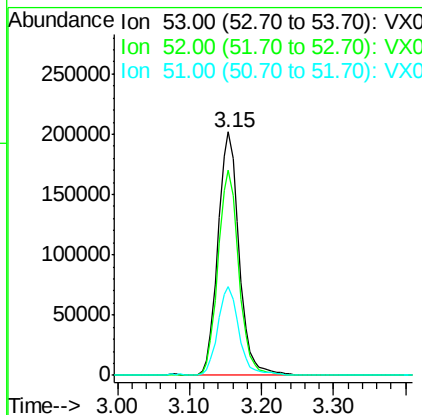
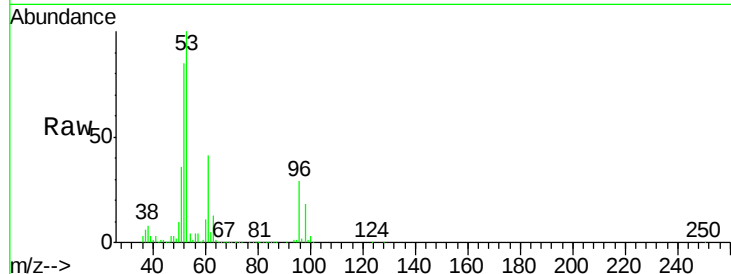
ClientSampled :

S10-0142MS

Tot Ion:	53	Resp:	408423
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.7	100.1
51	36.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 232.269 ug/l

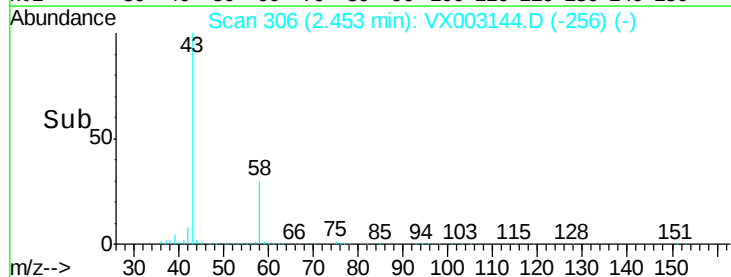
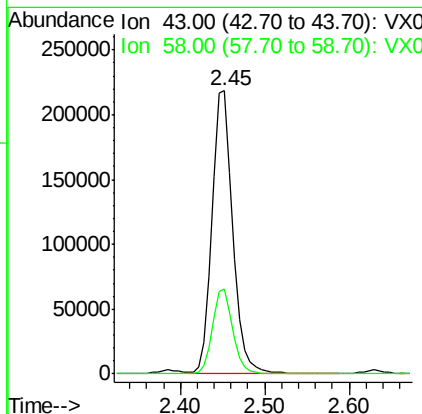
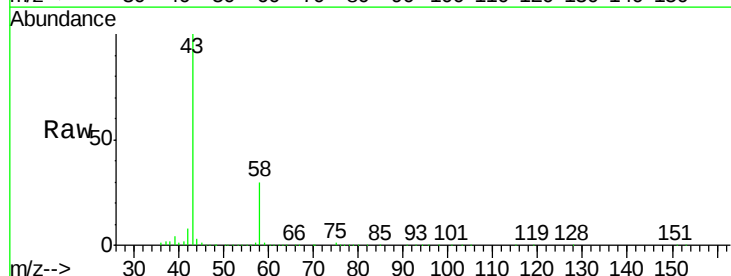
RT: 2.45 min Scan# 306

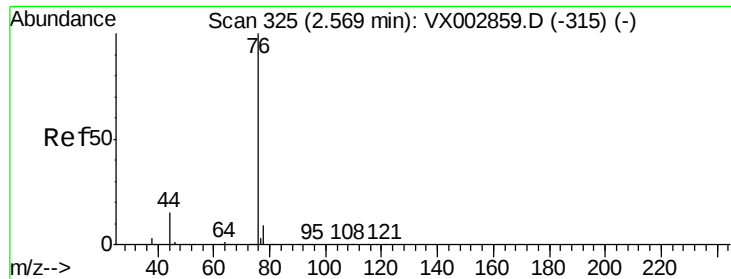
Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Tgt Ion:	43	Resp:	373549
Ion Ratio	Lower	Upper	
43	100		
58	29.8	22.1	33.1





#17

Carbon Disulfide

Concen: 52.032 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion: 76 Resp: 384146

Ion Ratio Lower Upper

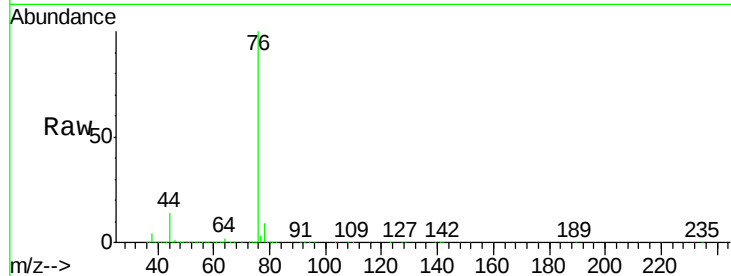
76 100

78 9.1 6.9 10.3

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

250000

200000

150000

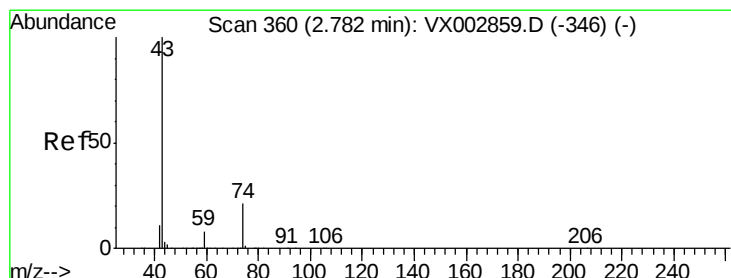
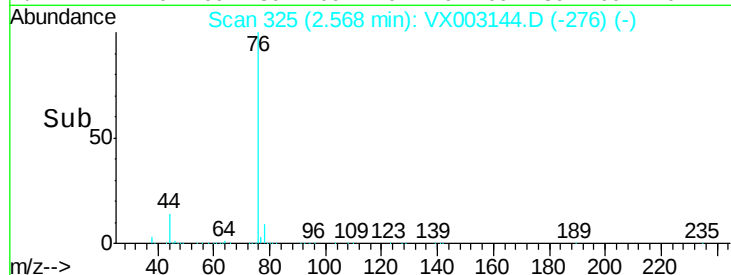
100000

50000

0

2.50 2.55 2.60 2.65 2.70 2.75

Time-->



#18

Methyl Acetate

Concen: 31.977 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003144.D

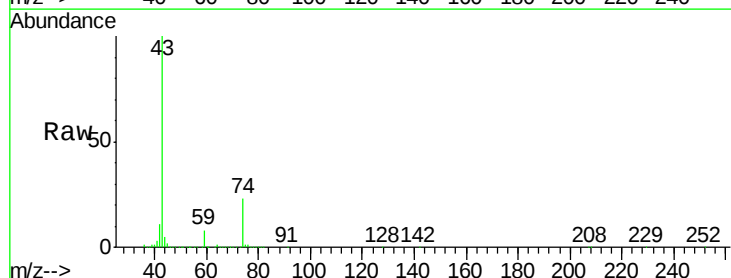
Acq: 03 Jul 2018 13:11

Tgt Ion: 43 Resp: 143783

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

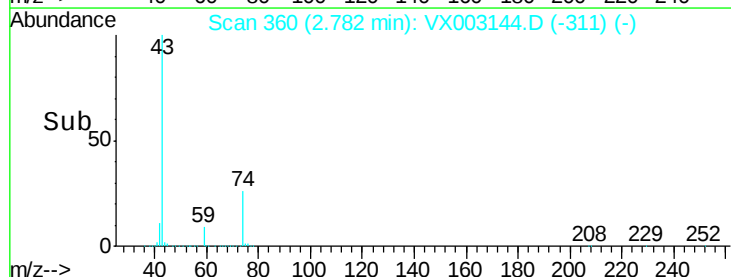
40000

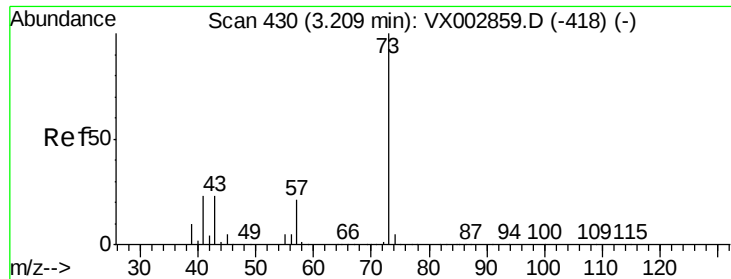
20000

0

2.70 2.75 2.80 2.85 2.90 2.95

Time-->





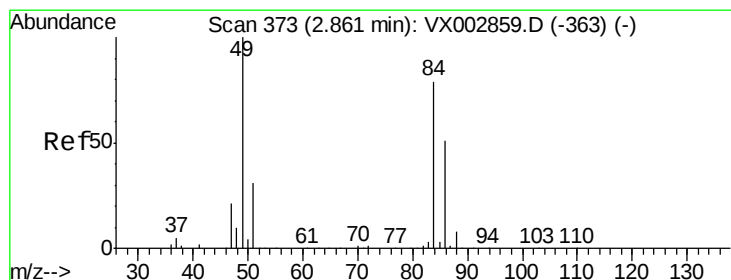
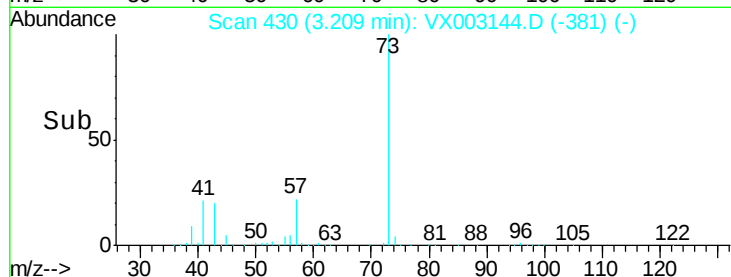
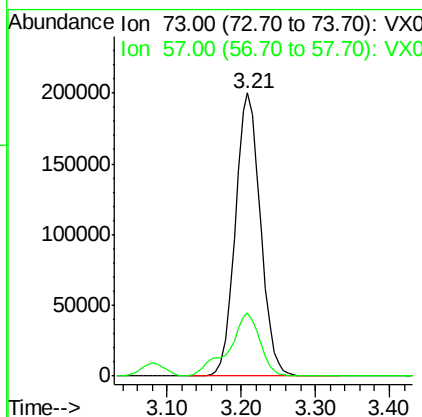
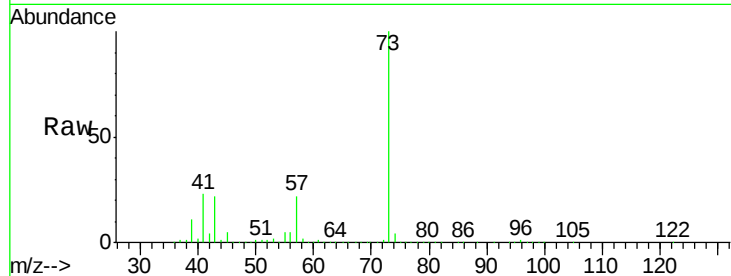
#19
Methvl tert-butvl Ether
Concen: 47.414 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

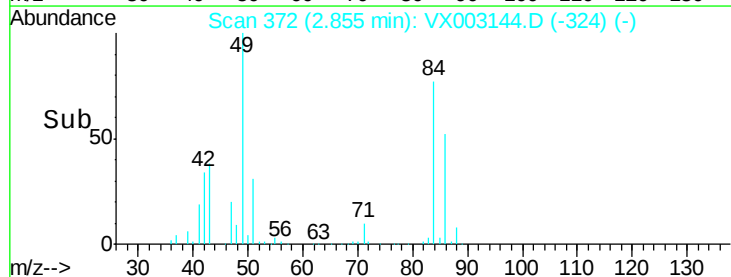
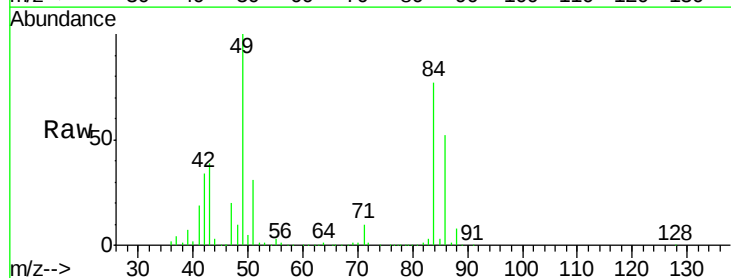
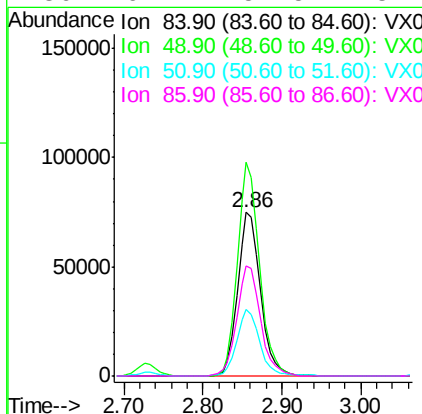
Manual Integrations
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sam
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#20
Methylene Chloride
Concen: 48.056 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.4	107.8	161.6
51	40.8	32.8	49.2
86	67.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 49.142 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

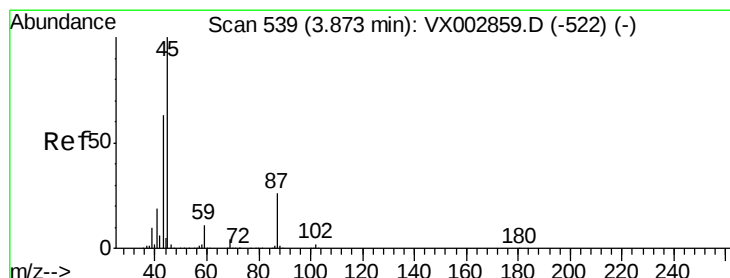
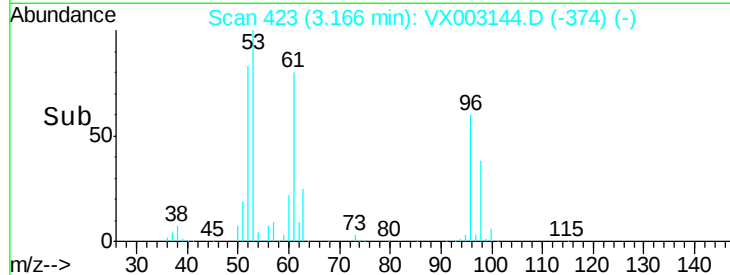
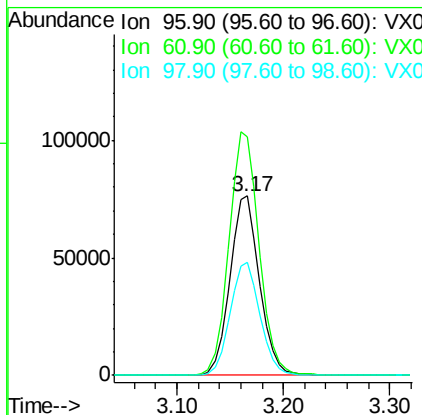
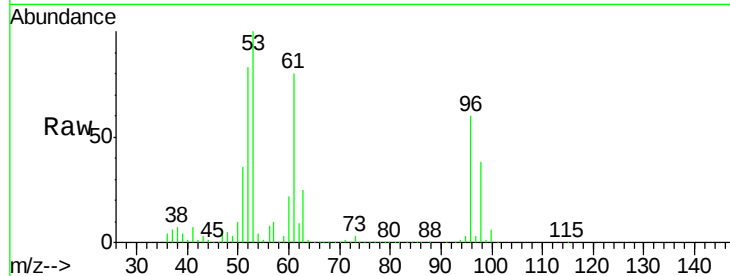
ClientSampled :

S10-0142MS

Tot Ion:	96	Resp:	148312
Ion Ratio	Lower	Upper	
96	100		
61	133.0	117.0	175.4
98	62.8	52.4	78.6

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 46.928 ug/l

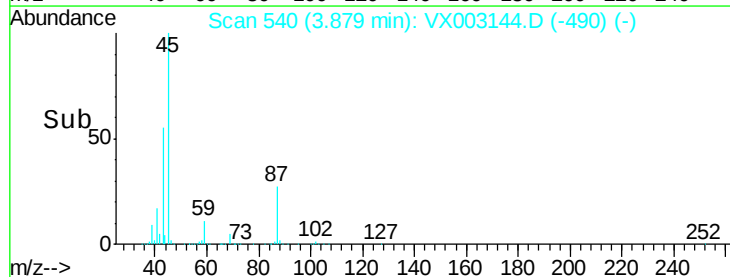
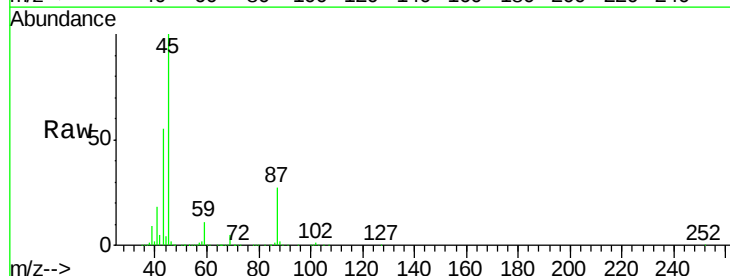
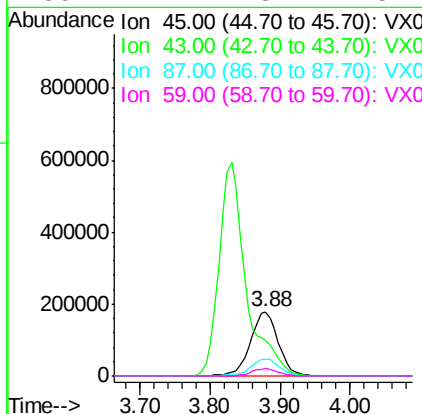
RT: 3.88 min Scan# 540

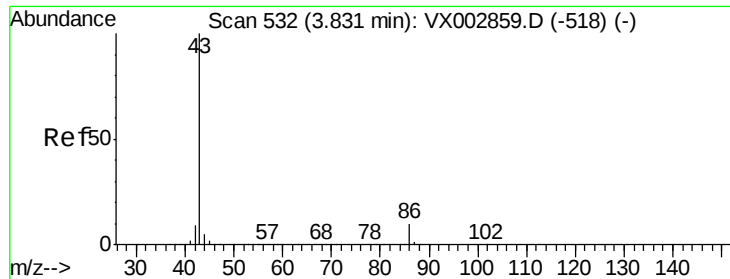
Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Tgt Ion:	45	Resp:	489973
Ion Ratio	Lower	Upper	
45	100		
43	54.9	46.8	70.2
87	26.7	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 180.959 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion: 43 Resp: 1599858

Ion Ratio Lower Upper

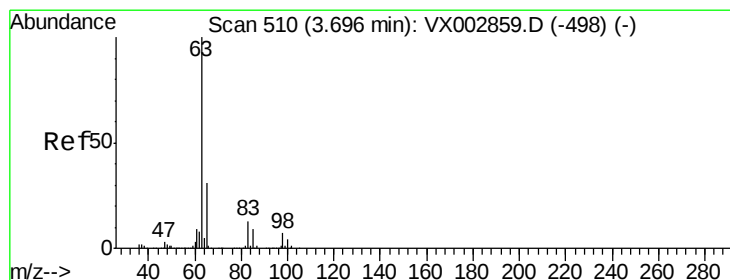
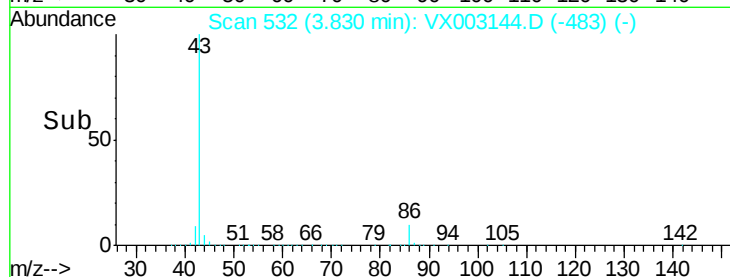
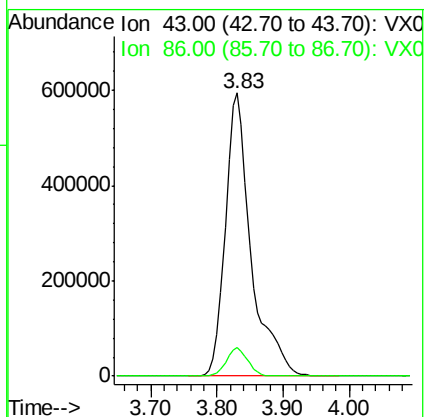
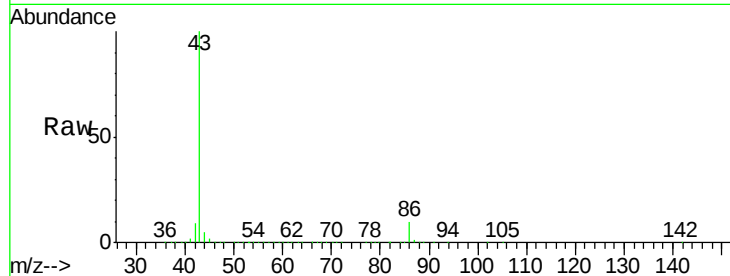
43 100

86 10.0 7.4 11.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.703 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

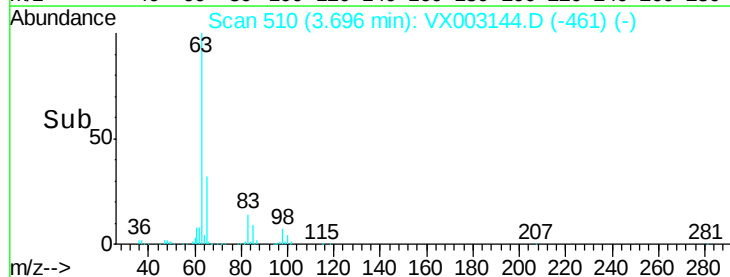
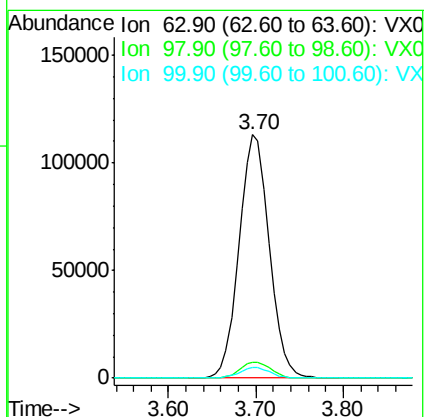
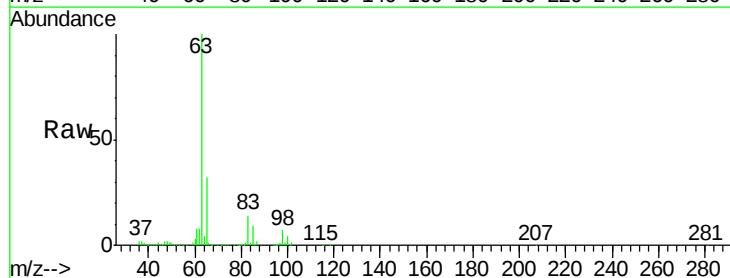
Tgt Ion: 63 Resp: 270705

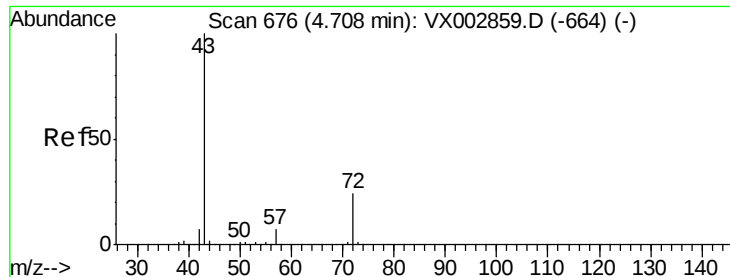
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 251.013 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion: 43 Resp: 599122

Ion Ratio Lower Upper

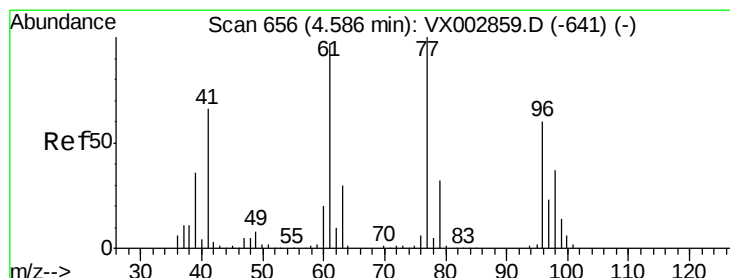
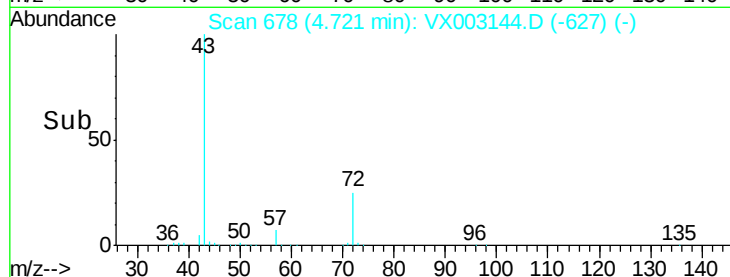
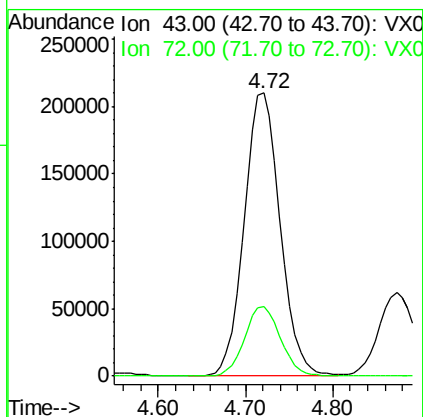
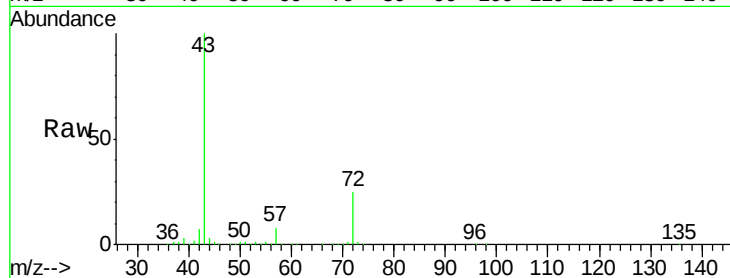
43 100

72 24.6 18.5 27.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 15.966 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003144.D

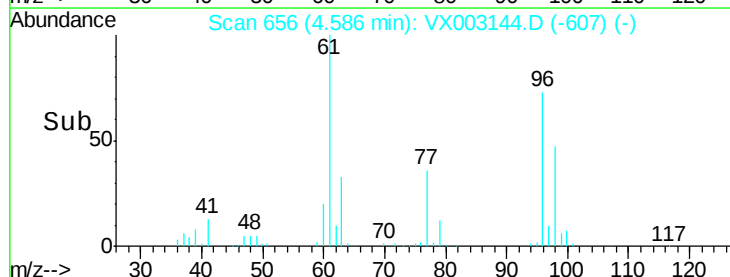
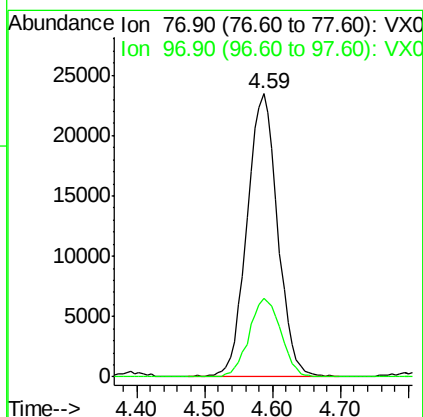
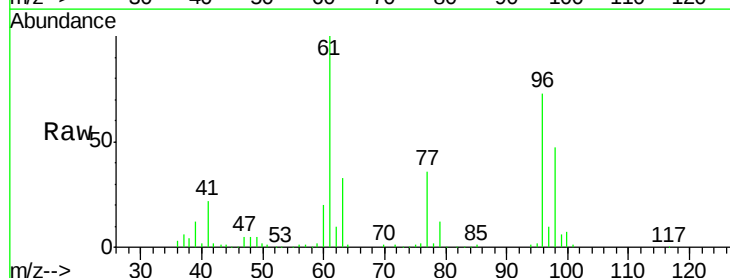
Acq: 03 Jul 2018 13:11

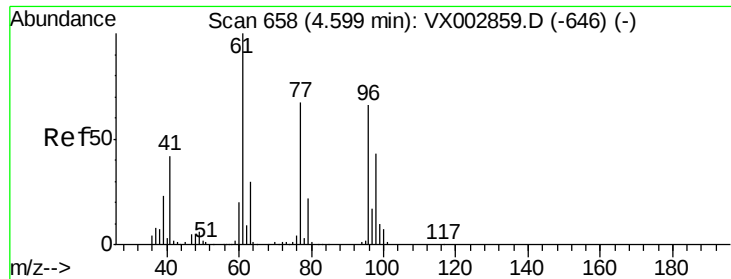
Tgt Ion: 77 Resp: 73676

Ion Ratio Lower Upper

77 100

97 28.7 11.2 33.5





#27

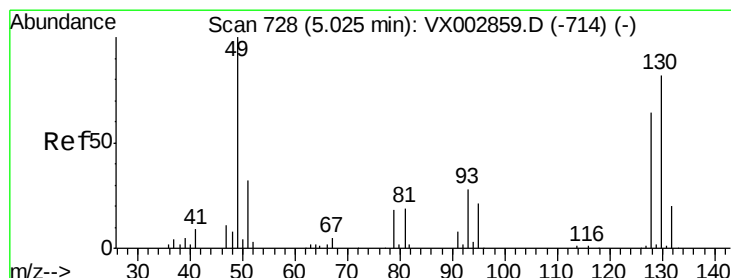
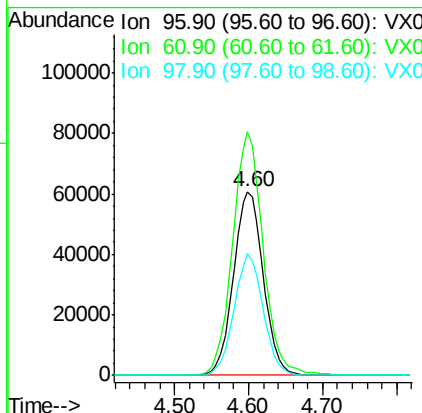
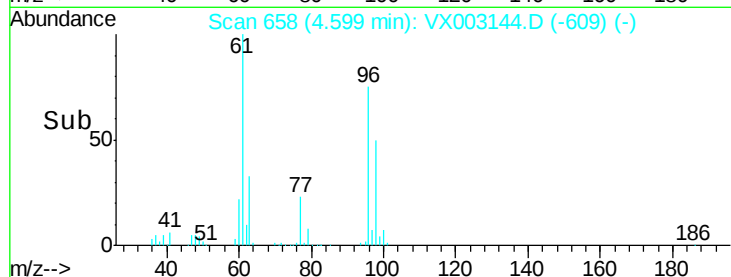
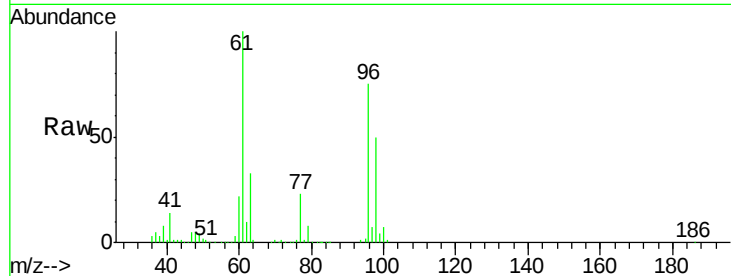
cis-1,2-Dichloroethene
Concen: 50.271 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170108		
61	136.6	0.0	330.2	
98	64.6	0.0	130.2	

Manual Integrations
APPROVED

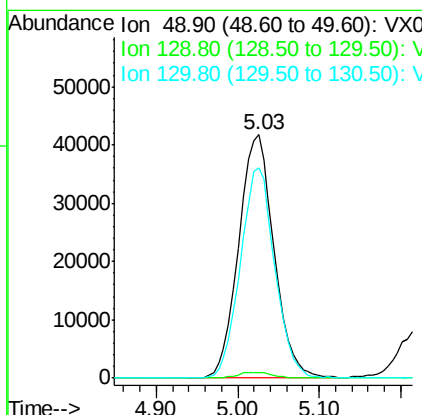
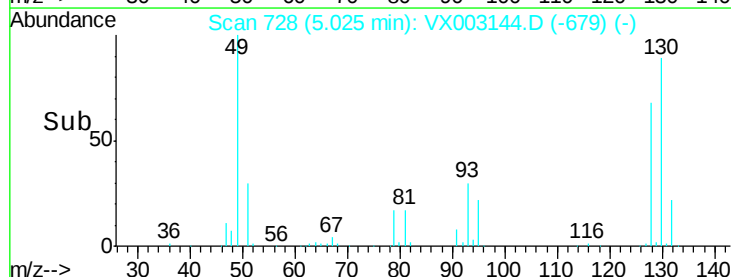
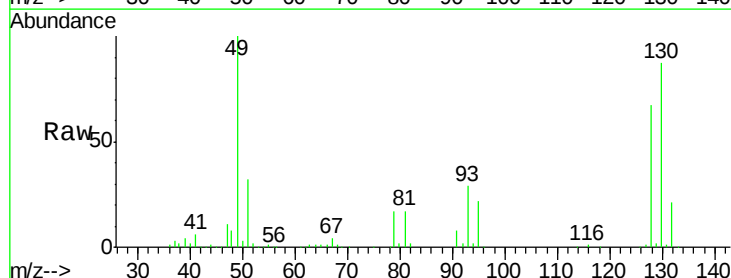
sam
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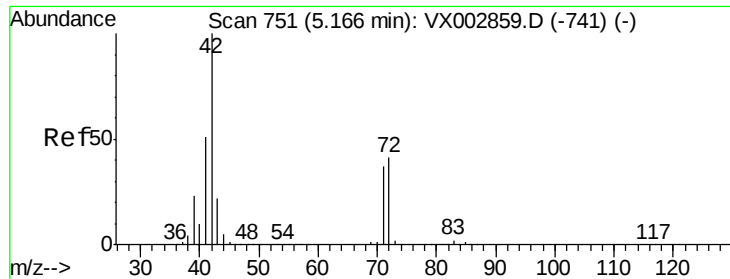


#28

Bromochloromethane
Concen: 46.284 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125719		
129	2.4	0.0	4.2	
130	84.4	61.2	91.8	





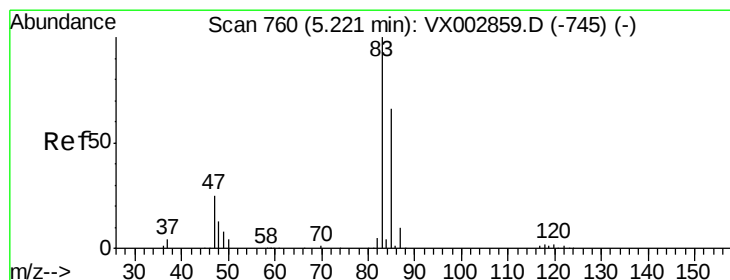
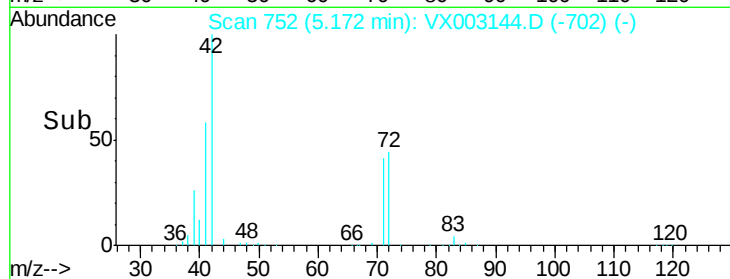
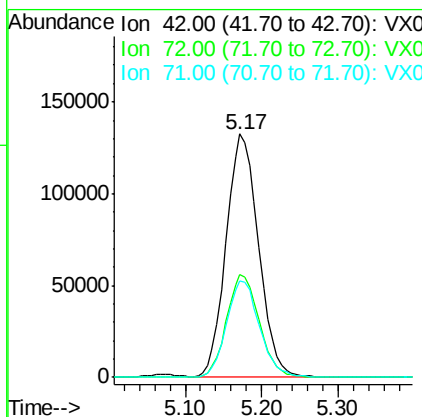
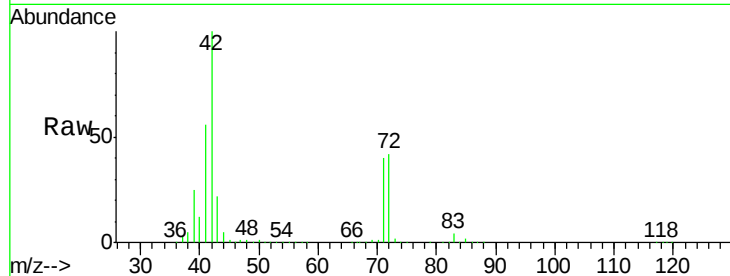
#29
Tetrahydrofuran
Concen: 253.163 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	32.0	48.0
71	40.7	30.1	45.1

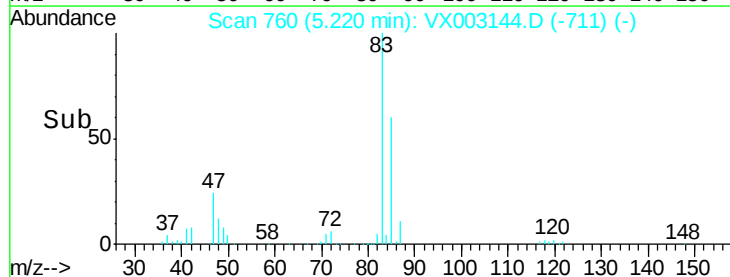
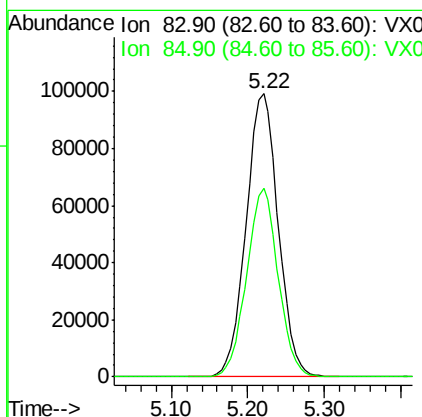
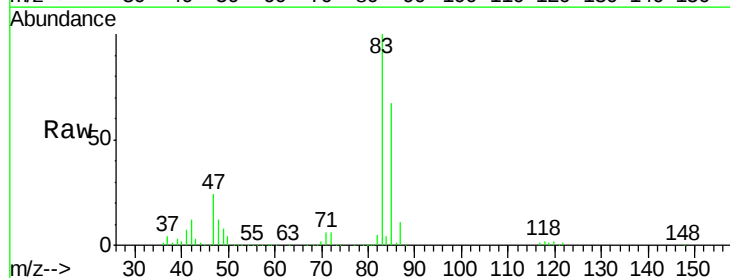
Manual Integrations
APPROVED

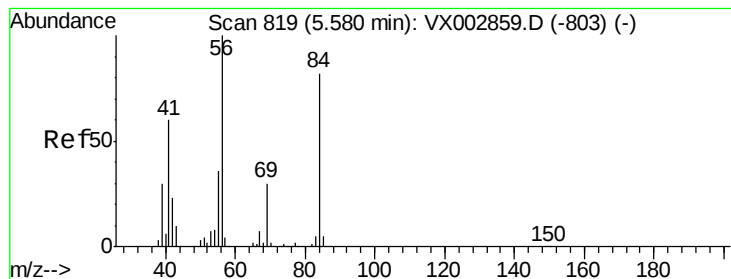
sam
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#30
Chloroform
Concen: 49.849 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.4	75.6





#31

Cyclohexane

Concen: 63.534 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

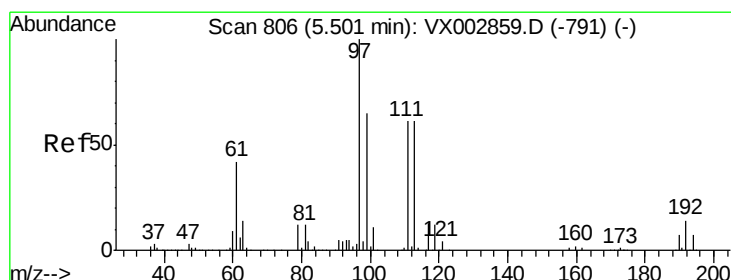
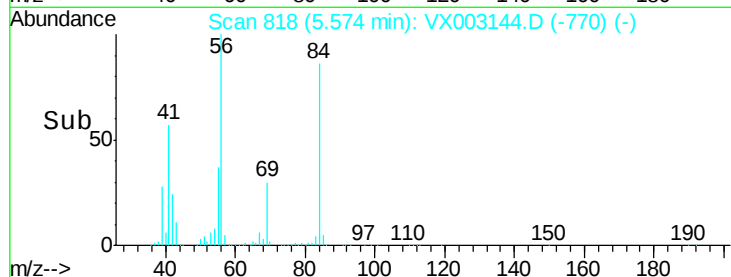
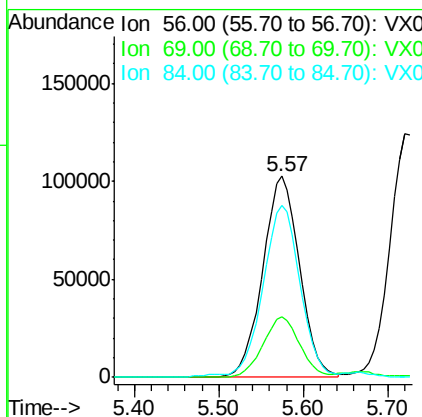
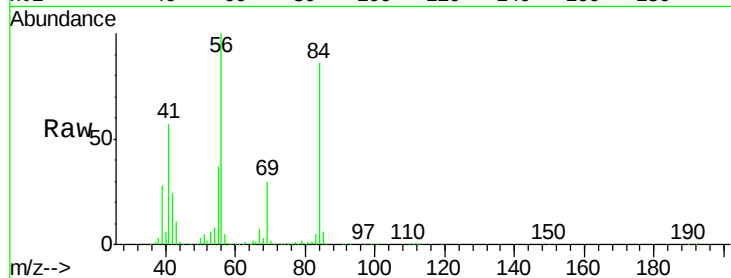
ClientSampleId :

S10-0142MS

Tot Ion:	56	Resp:	309423
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.7	35.5
84	85.1	64.1	96.1

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 50.360 ug/l

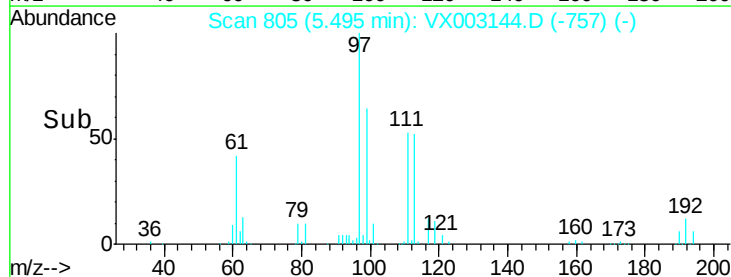
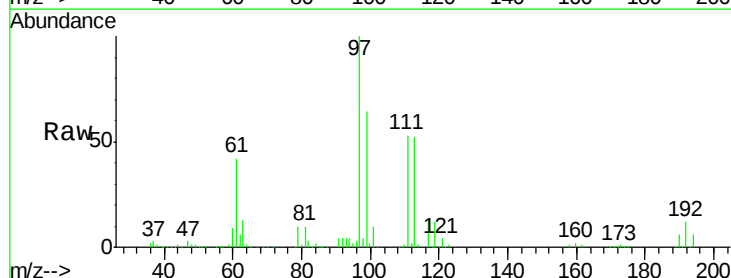
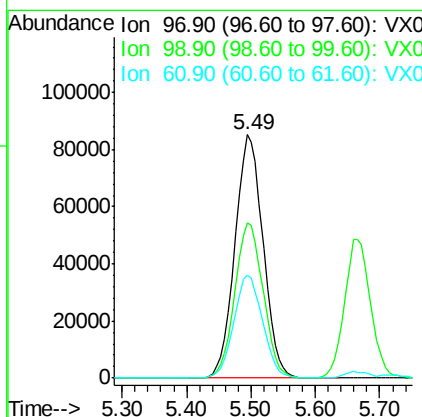
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Tgt Ion:	97	Resp:	258046
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	43.3	36.4	54.6





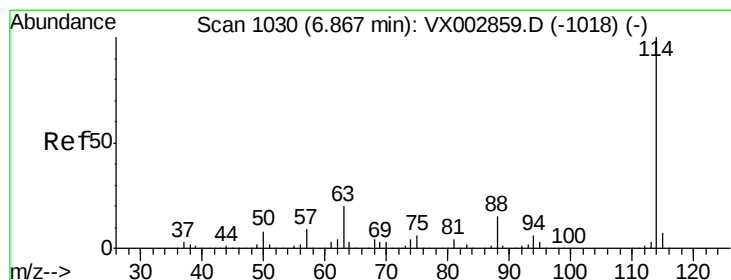
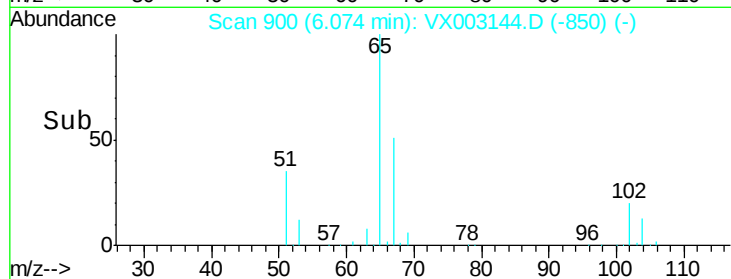
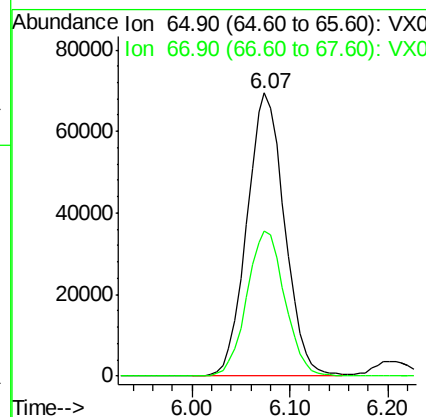
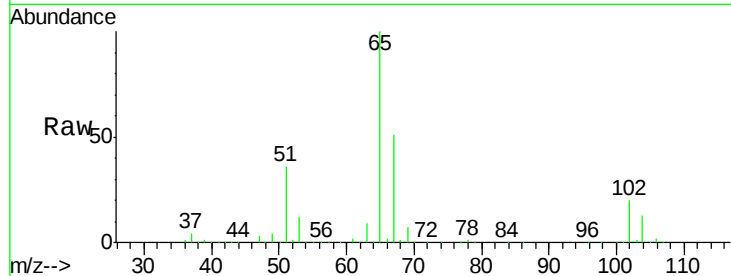
#33
 1,2-Dichloroethane-d4
 Concen: 47.761 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185477		
67	51.6	0.0	102.6	

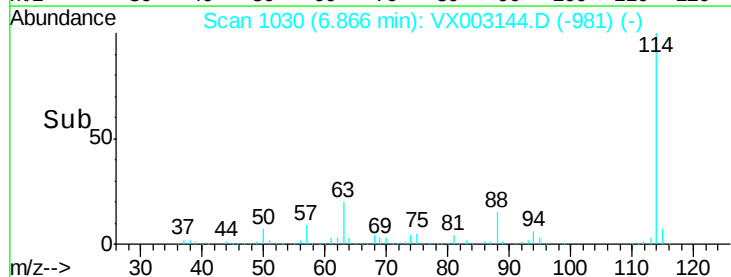
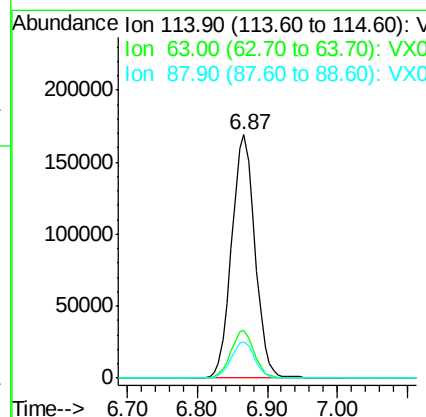
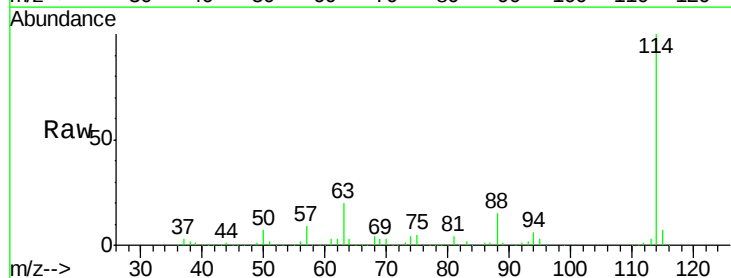
Manual Integrations
 APPROVED

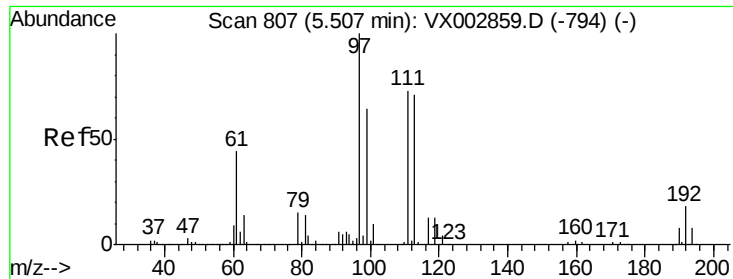
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	392360		
63	19.7	0.0	41.4	
88	14.9	0.0	30.0	





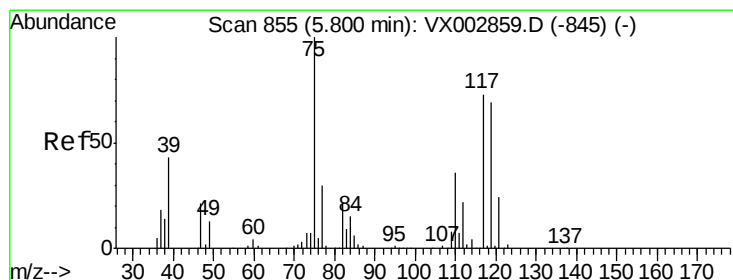
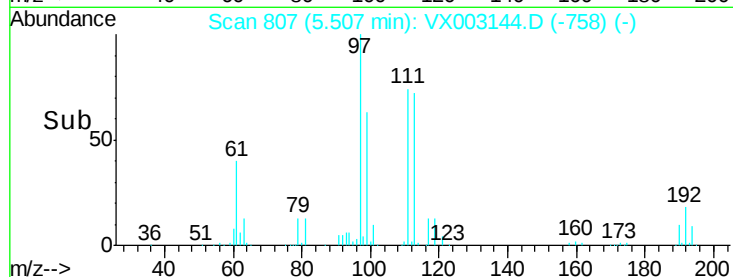
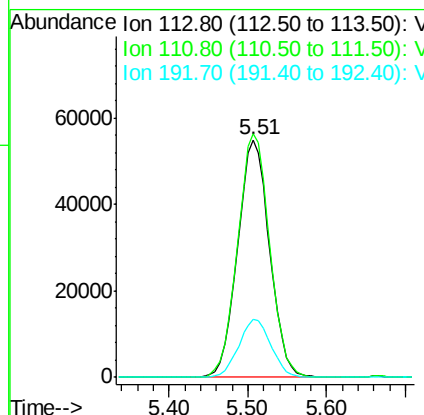
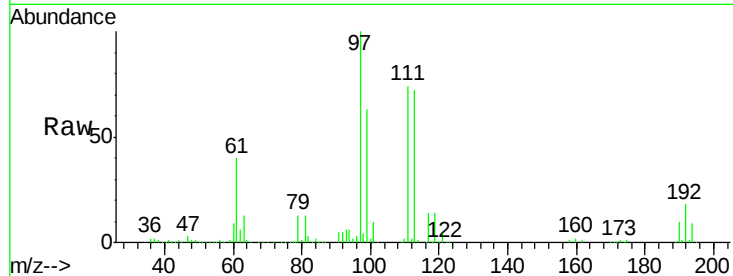
#35
 Dibromofluoromethane
 Concen: 49.827 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154818		
111	102.9	81.4	122.0	
192	24.8	19.1	28.7	

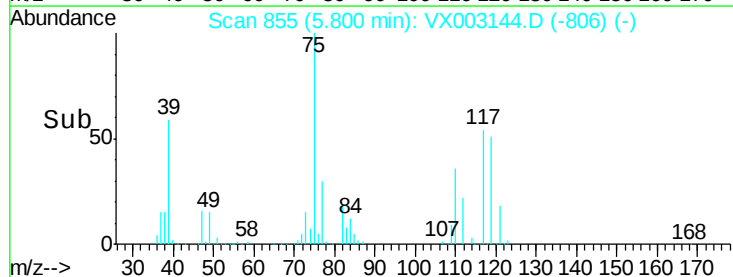
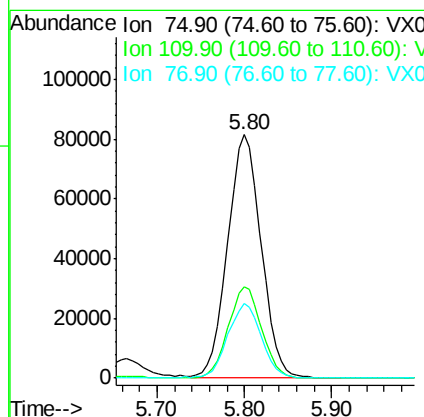
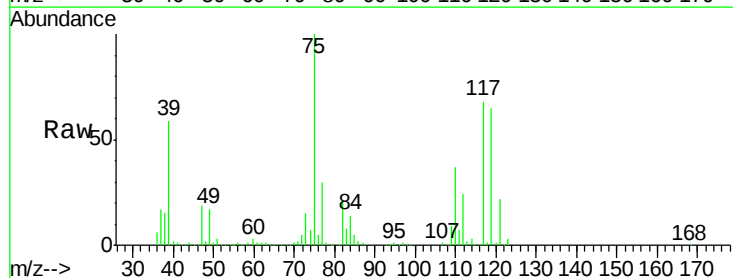
Manual Integrations
 APPROVED

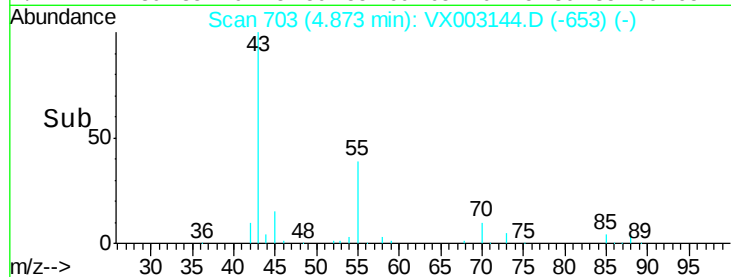
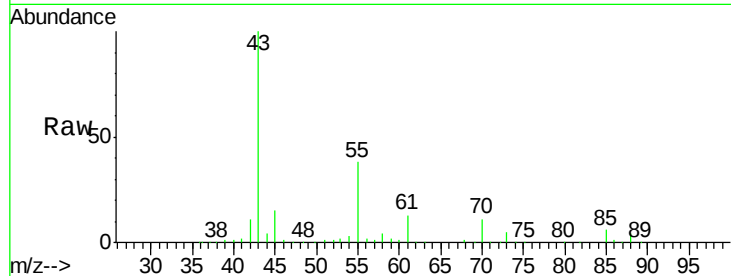
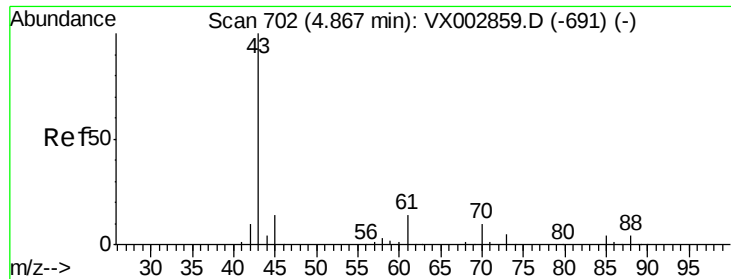
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#36
 1,1-Dichloropropene
 Concen: 50.213 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	216053		
110	37.7	18.1	54.4	
77	31.4	24.3	36.5	





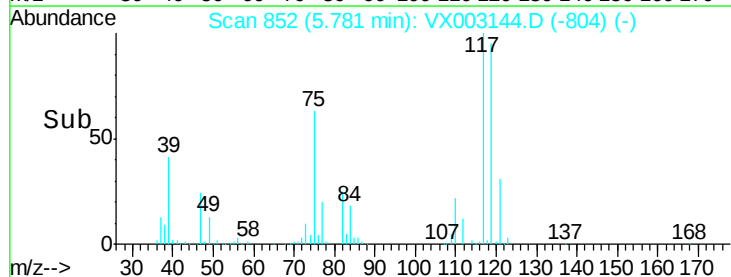
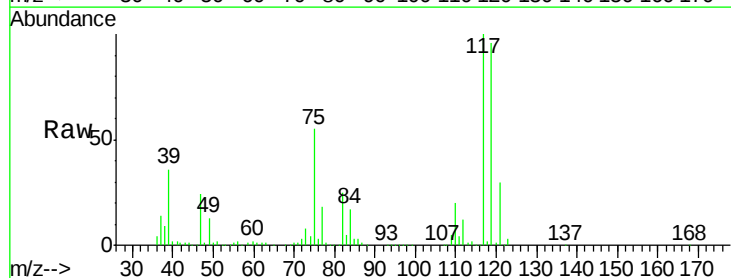
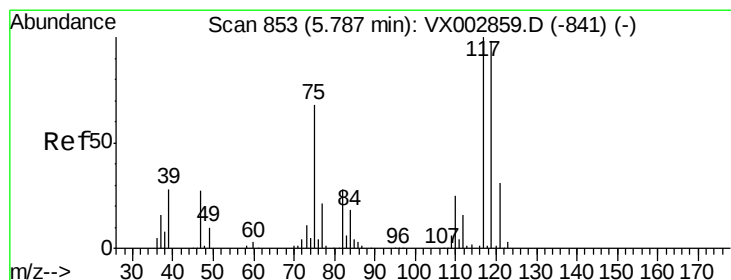
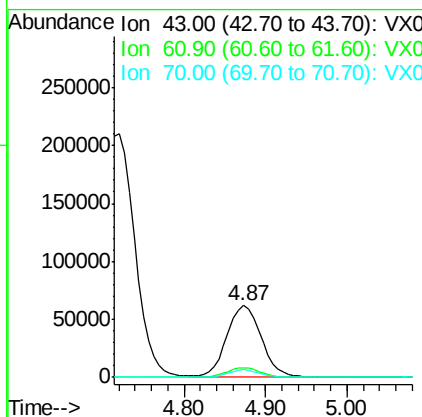
#37
Ethyl Acetate
Concen: 39.154 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tot Ion	43	61	70
Ratio	100	13.2	10.0
Lower		10.4	7.6
Upper		15.6	11.4

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

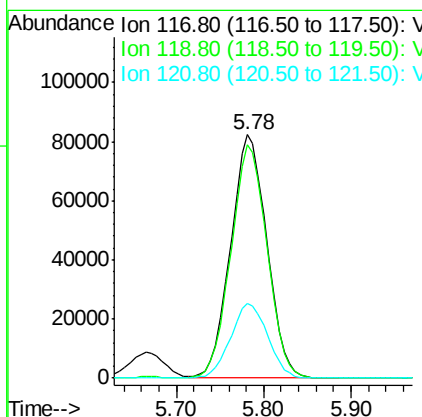
Manual Integrations
APPROVED

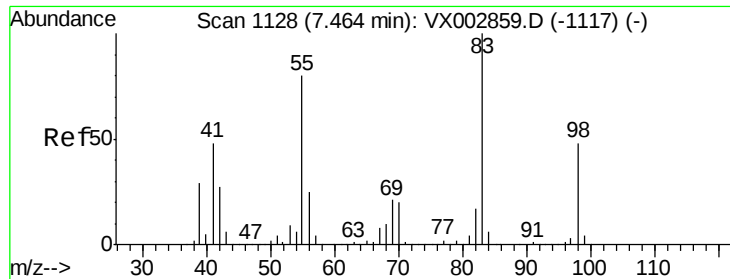
sam
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#38
Carbon Tetrachloride
Concen: 50.063 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	117	119	121
Ratio	100	96.0	30.4
Lower		77.4	24.4
Upper		116.0	36.6





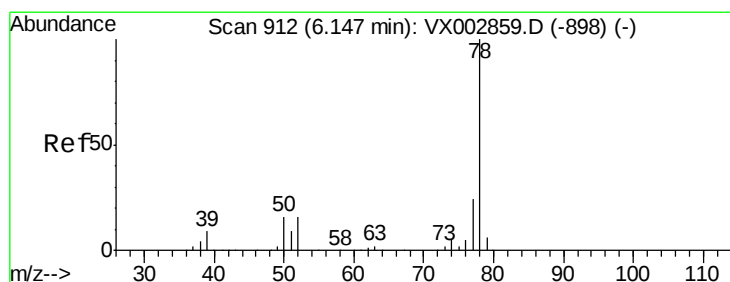
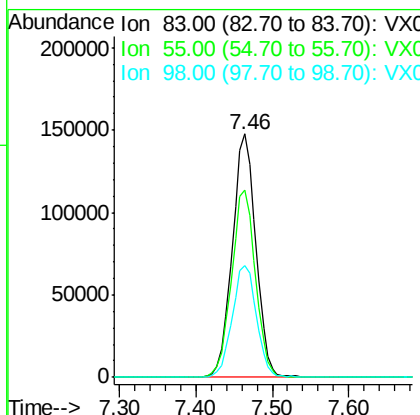
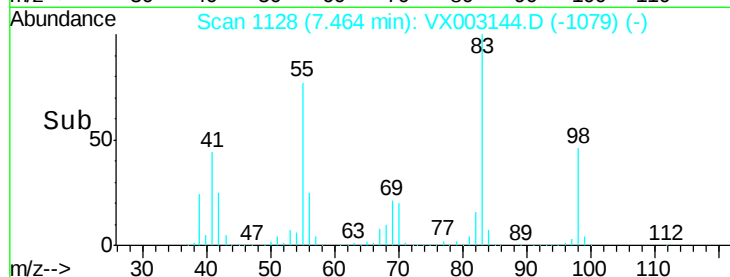
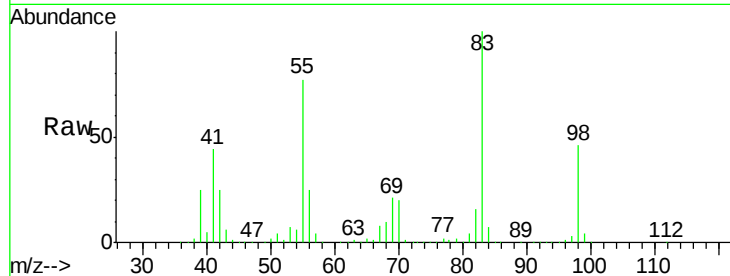
#39
Methvlcvclohexane
Concen: 62.605 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.9	65.4	98.0	
98	46.1	37.4	56.0	

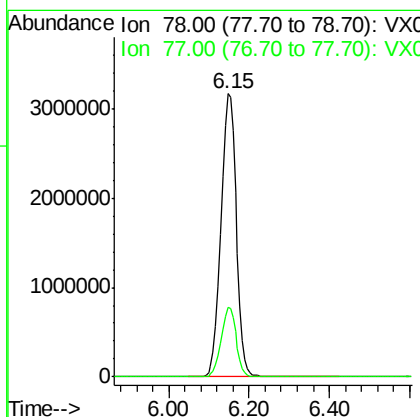
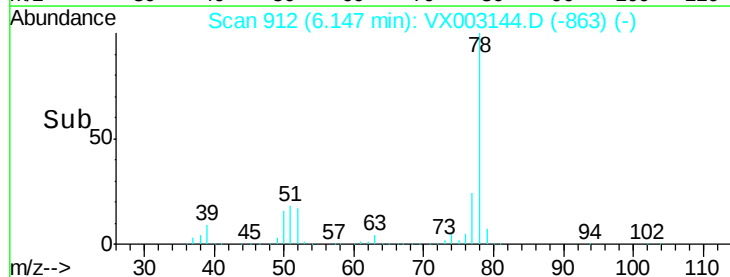
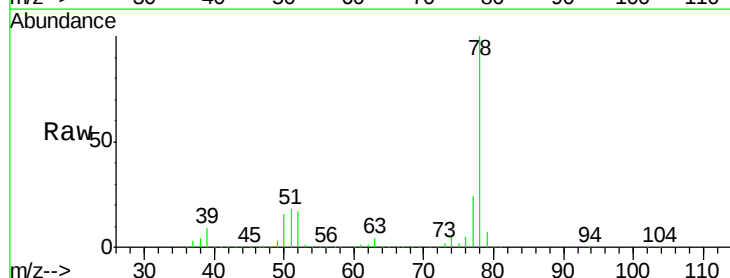
Manual Integrations
APPROVED

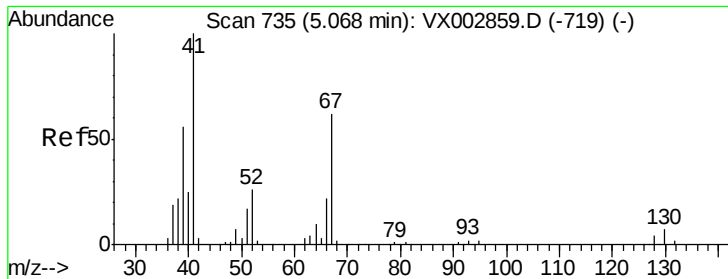
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#40
Benzene
Concen: 668.512 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.5	19.1	28.7	





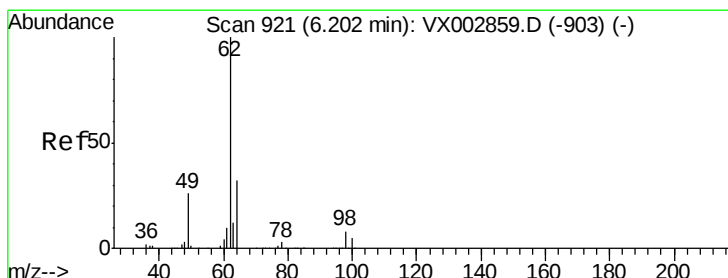
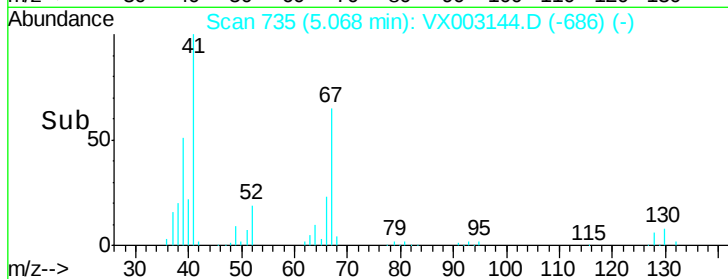
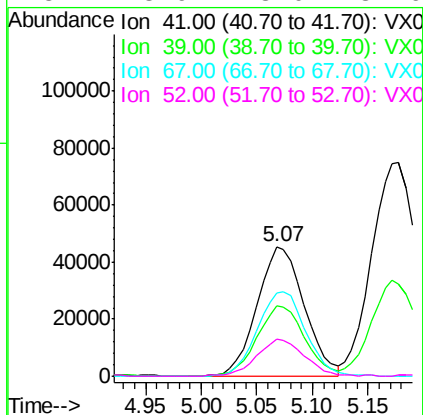
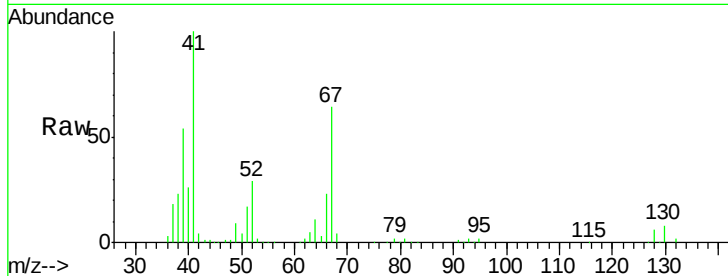
#41
Methacrylonitrile
Concen: 49.859 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion	41	Resp	133011
Ion Ratio	Lower	Upper	
41	100		
39	54.9	45.8	68.6
67	67.6	51.3	76.9
52	28.9	23.0	34.6

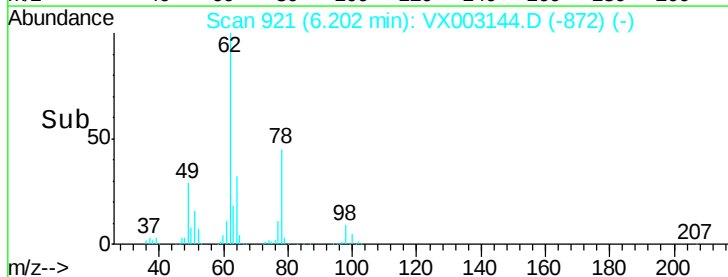
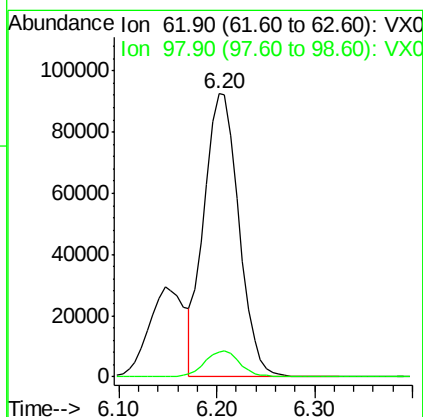
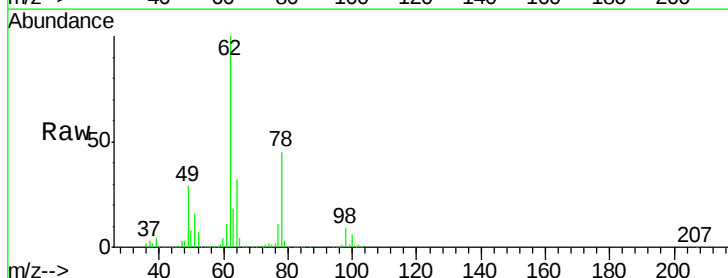
Manual Integrations
APPROVED

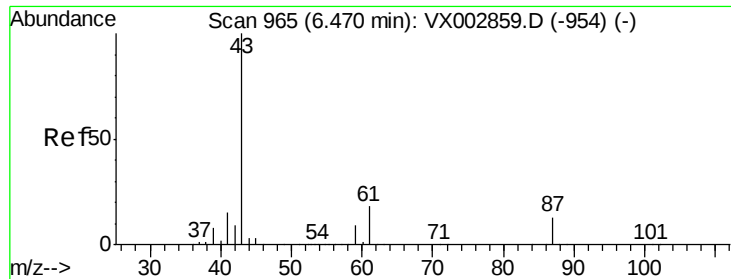
sam
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#42
1,2-Dichloroethane
Concen: 45.061 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	62	Resp	227561
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	16.6





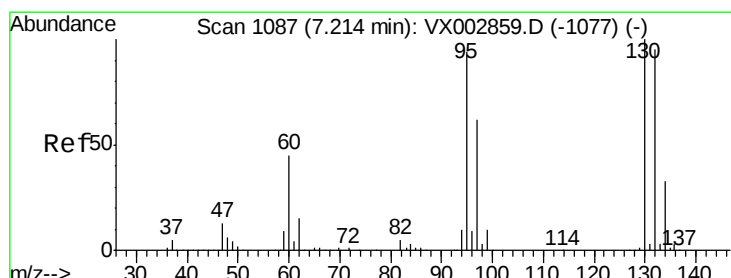
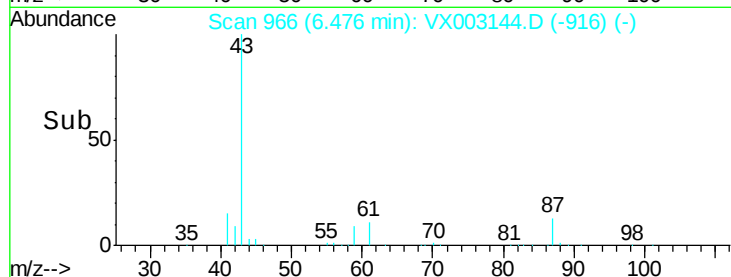
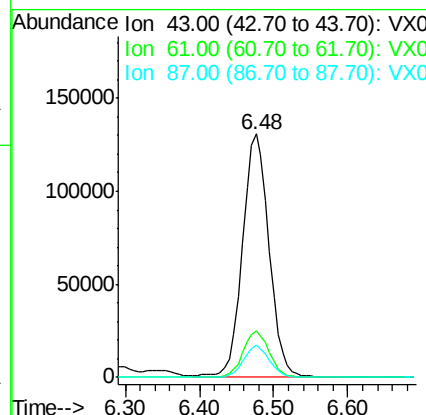
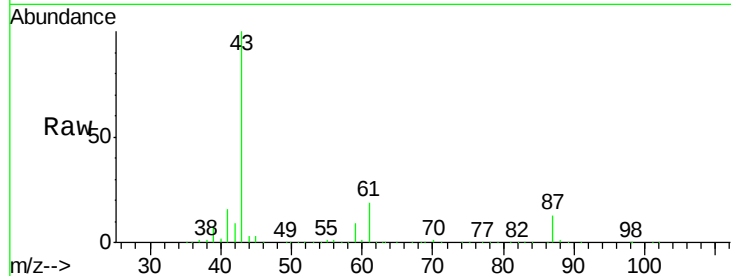
#43
Isopropyl Acetate
Concen: 41.975 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.4	21.6
87	12.8	9.5	14.3

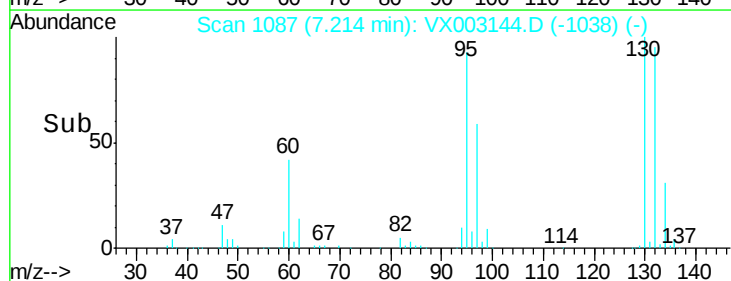
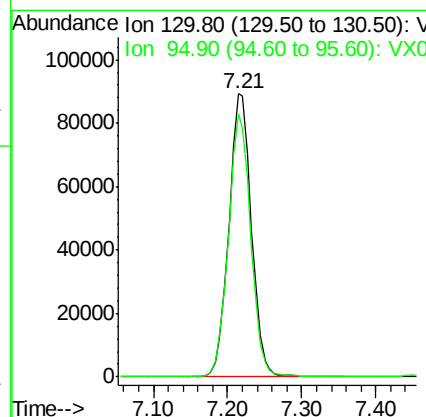
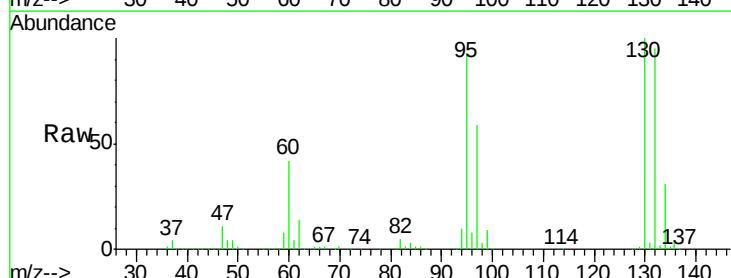
Manual Integrations
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#44
Trichloroethene
Concen: 50.641 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	185.4





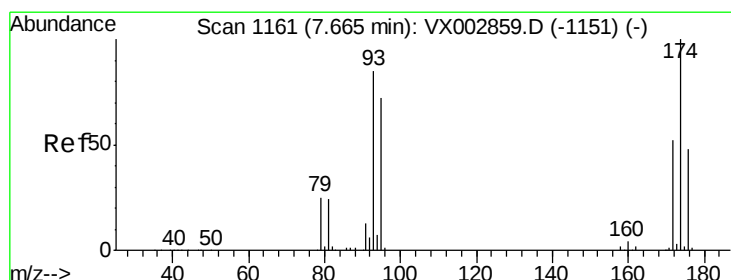
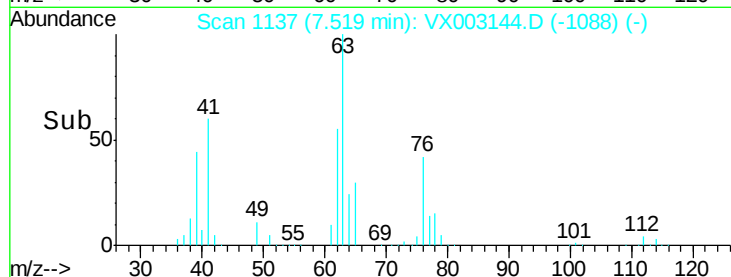
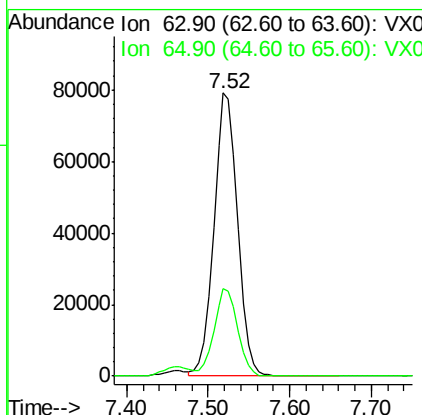
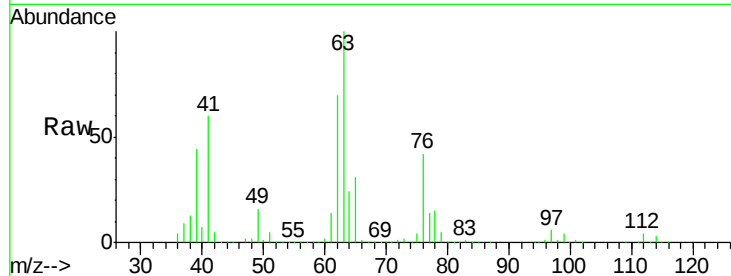
#45
 1,2-Dichloropropane
 Concen: 48.300 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MS

Tot Ion: 63 Resp: 160177
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

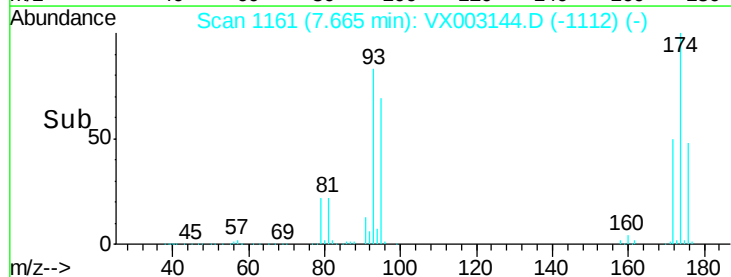
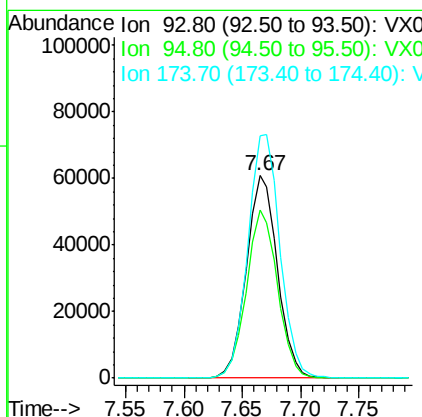
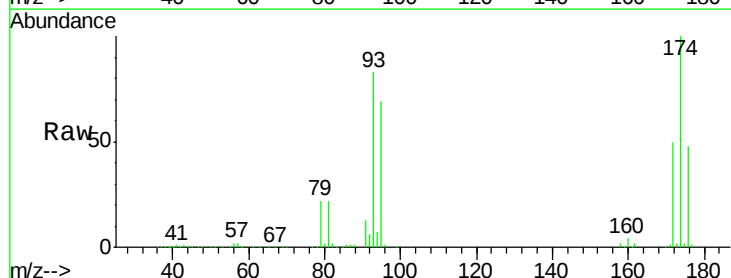
Manual Integrations
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#46
 Dibromomethane
 Concen: 49.327 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 93 Resp: 113524
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 124.0 92.4 138.6





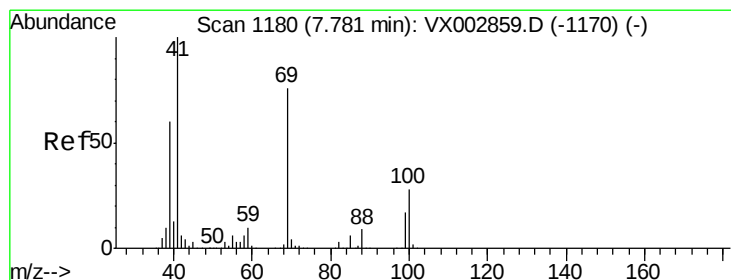
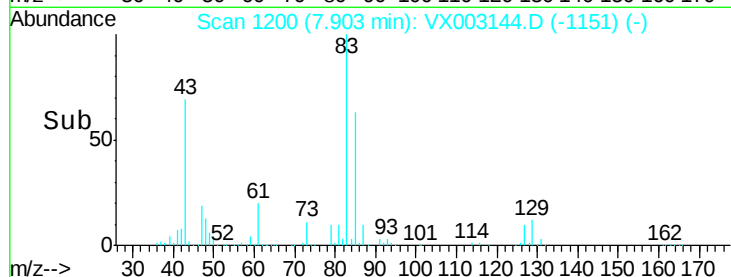
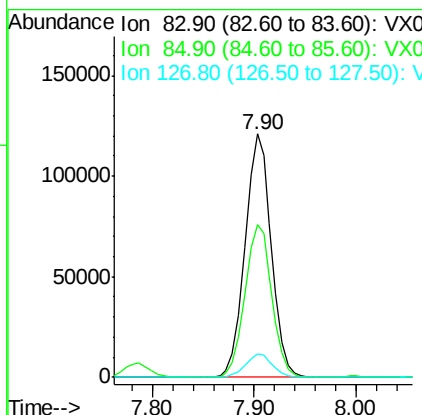
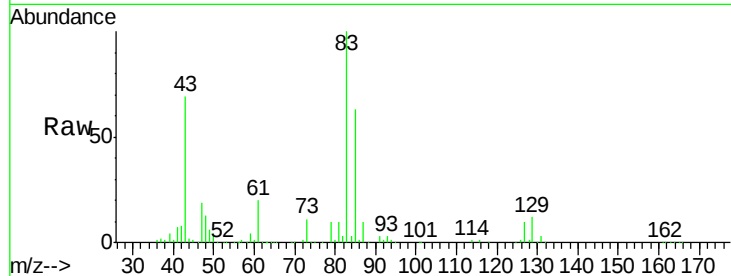
#47
Bromodichloromethane
Concen: 50.556 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215098		
85	62.7	50.3	75.5	
127	9.8	7.0	10.4	

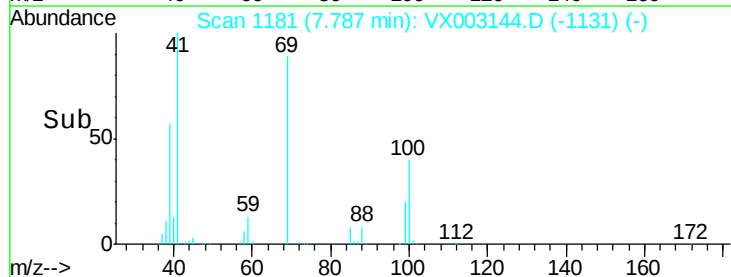
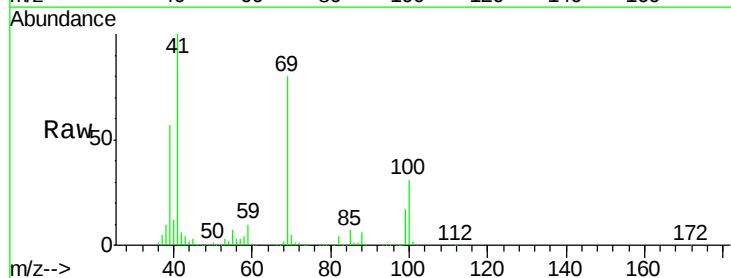
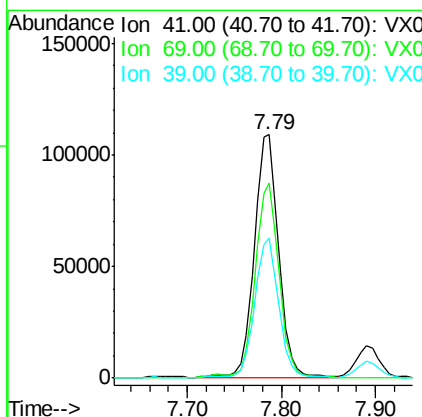
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APPROVED

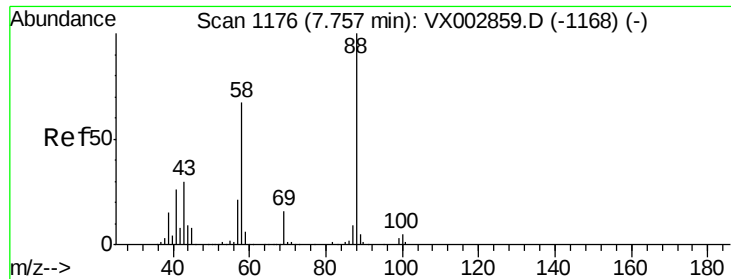
sam
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#48
Methyl methacrylate
Concen: 49.381 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	197693		
69	79.0	59.1	88.7	
39	56.7	48.9	73.3	





#49

1,4-Dioxane

Concen: 909.780 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

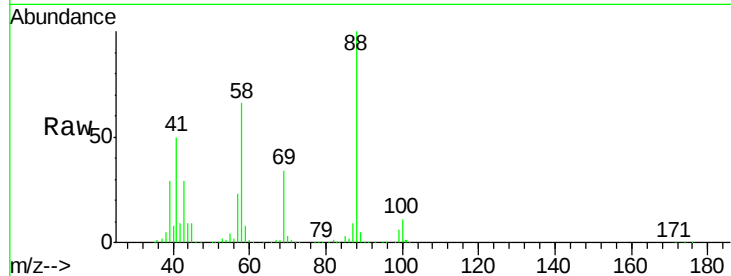
ClientSampleId :

S10-0142MS

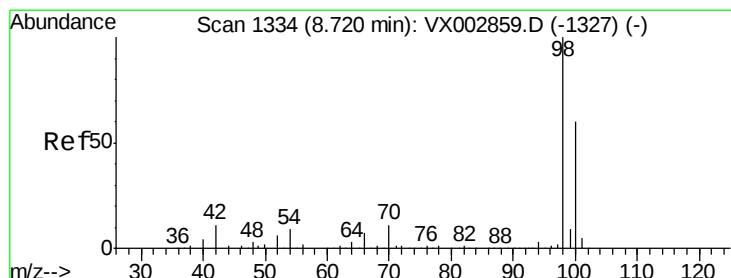
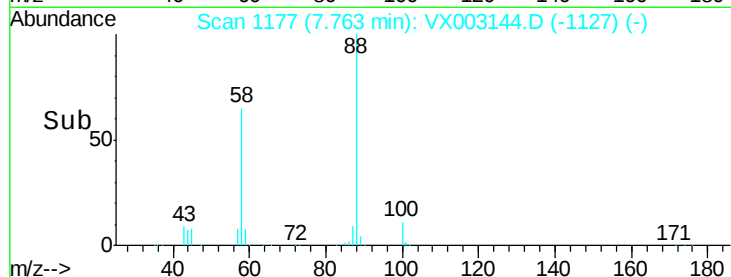
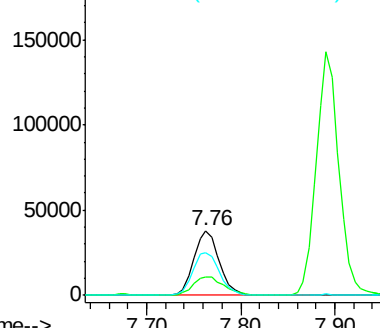
Tot Ion:	88	Resp:	70862
Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.8	44.6
58	69.4	57.1	85.7

Manual Integrations
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Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.494 ug/l

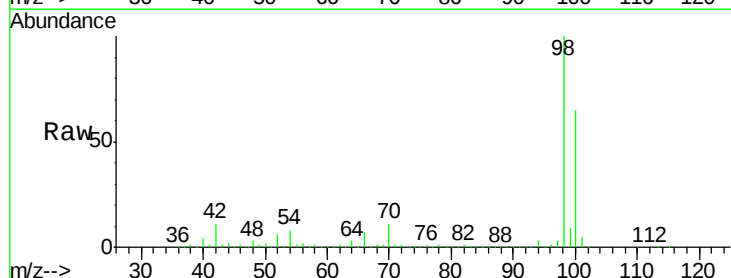
RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

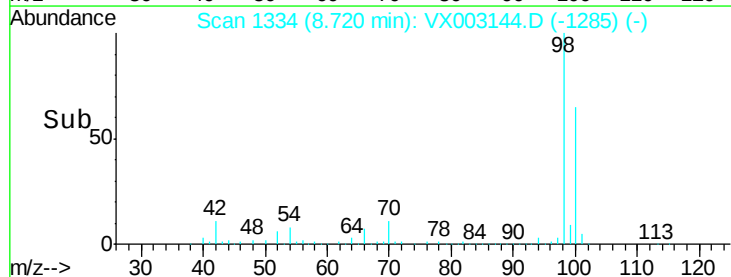
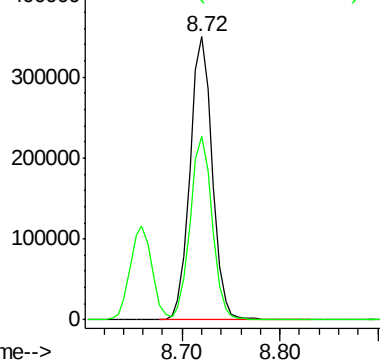
Lab File: VX003144.D

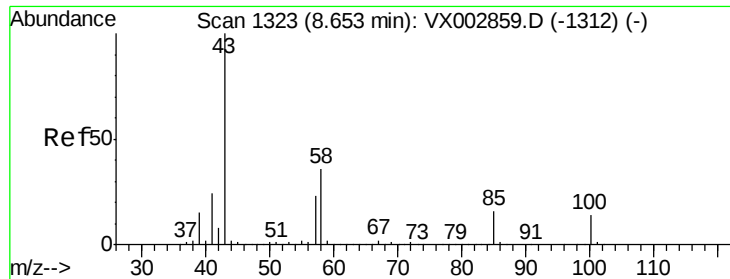
Acq: 03 Jul 2018 13:11

Tgt Ion:	98	Resp:	550231
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





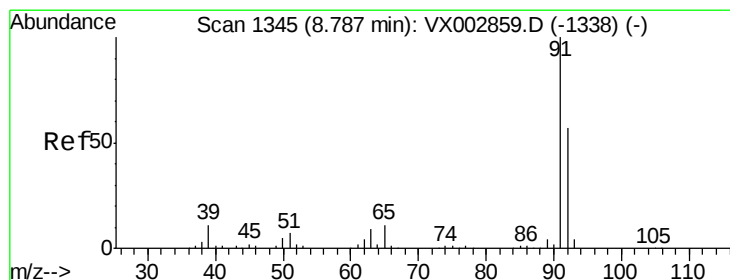
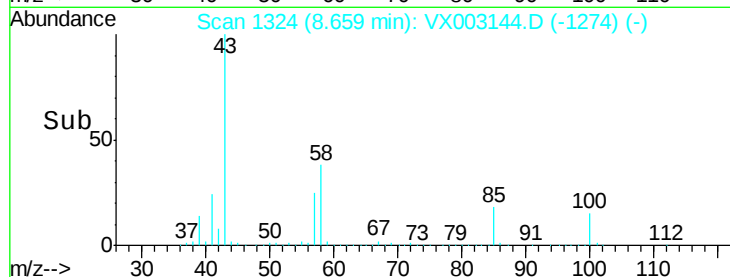
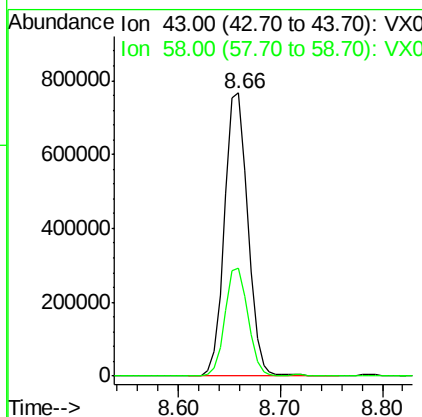
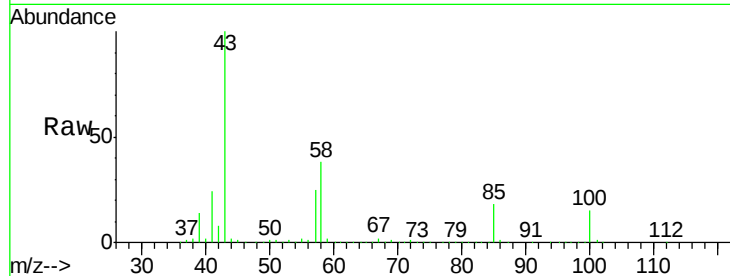
#51
4-Methyl-2-Pentanone
Concen: 250.318 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion: 43 Resp: 1216842
Ion Ratio Lower Upper
43 100
58 37.5 28.6 42.8

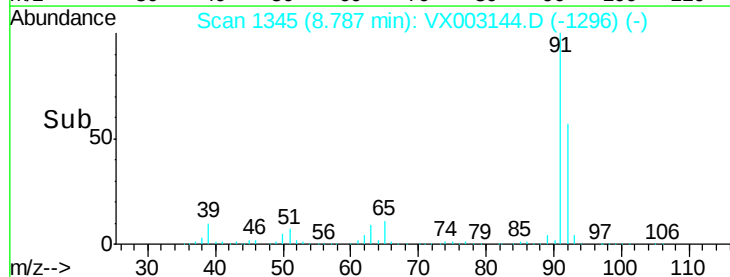
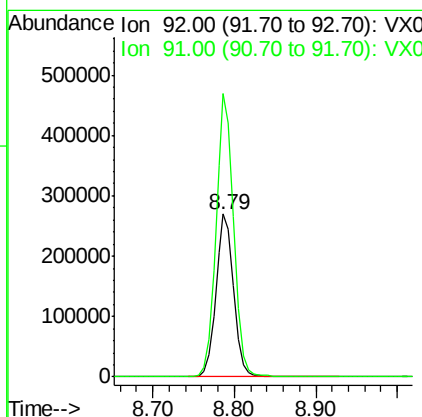
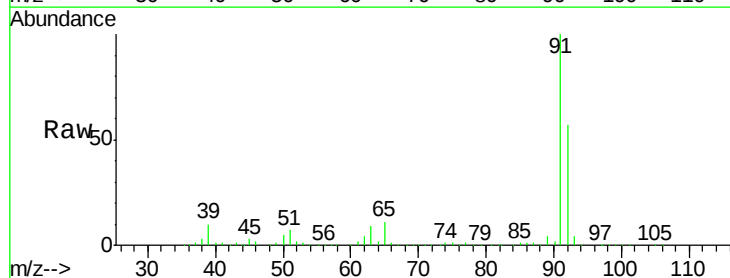
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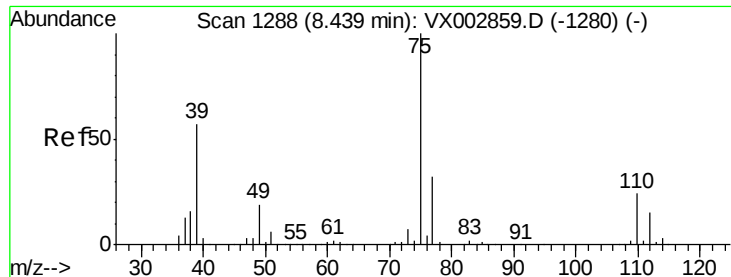
sam
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#52
Toluene
Concen: 51.301 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 92 Resp: 410863
Ion Ratio Lower Upper
92 100
91 173.5 140.4 210.6





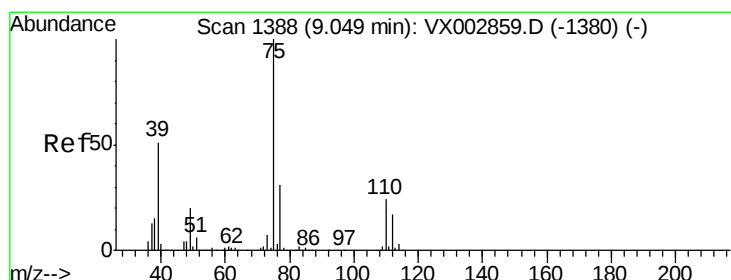
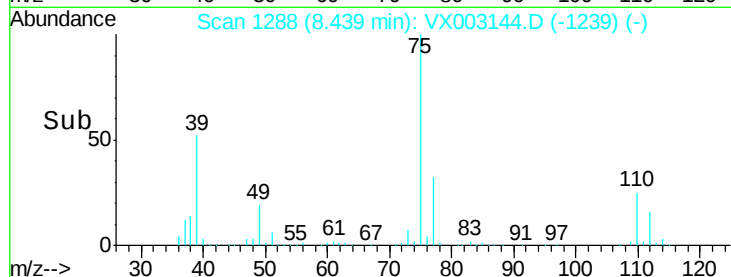
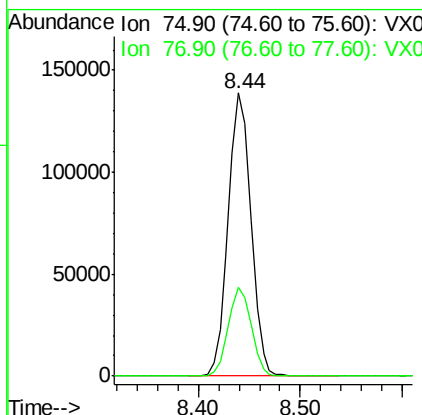
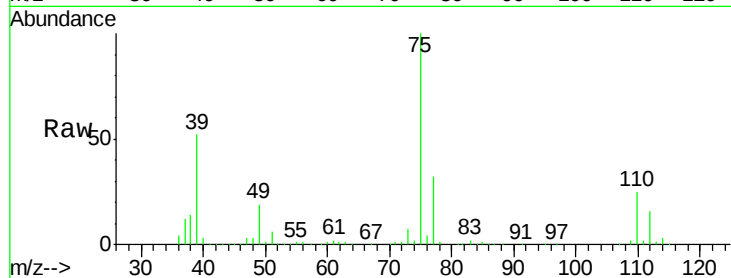
#53
t-1,3-Dichloropropene
Concen: 44.592 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion: 75 Resp: 214868
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

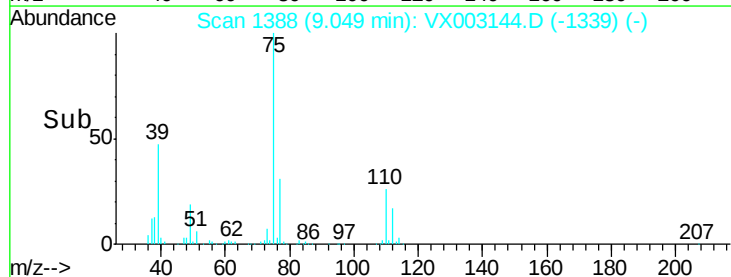
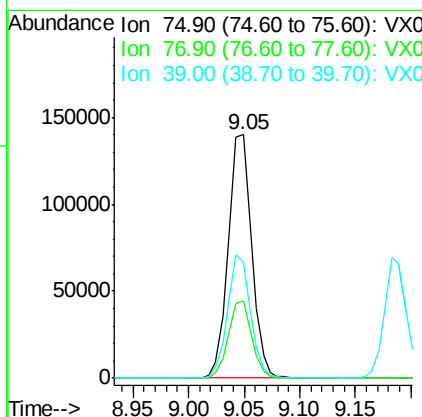
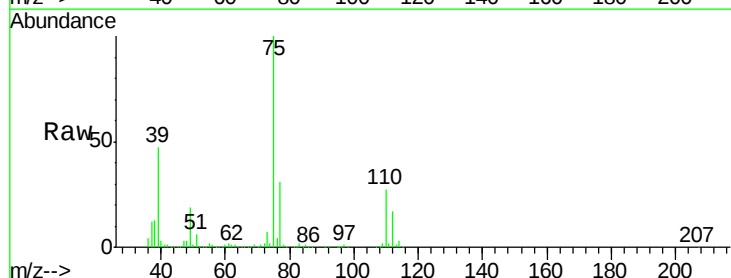
Manual Integrations
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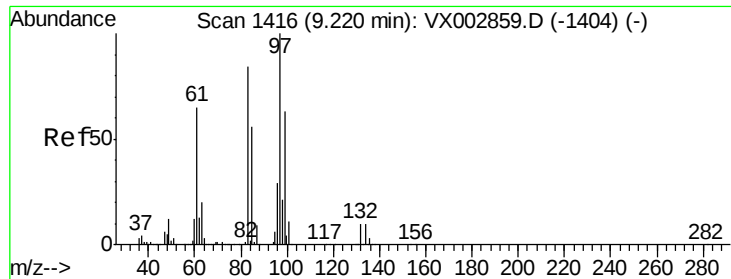
sam
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#54
cis-1,3-Dichloropropene
Concen: 44.314 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 75 Resp: 205456
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 47.3 42.4 63.6





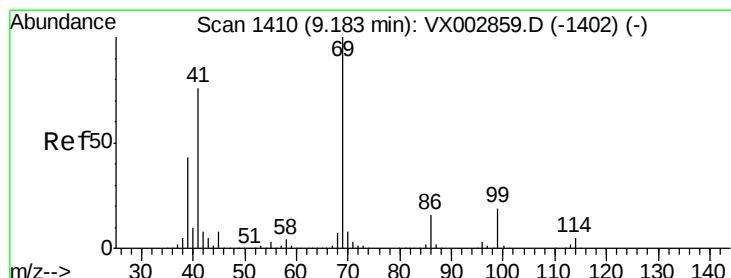
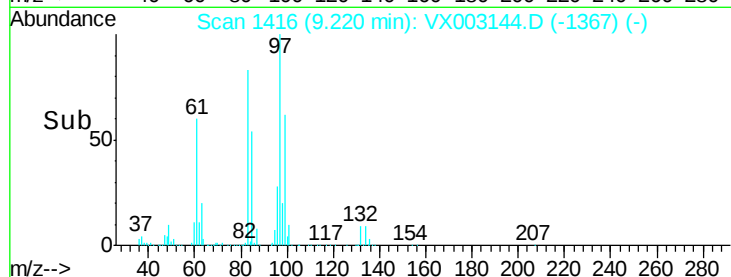
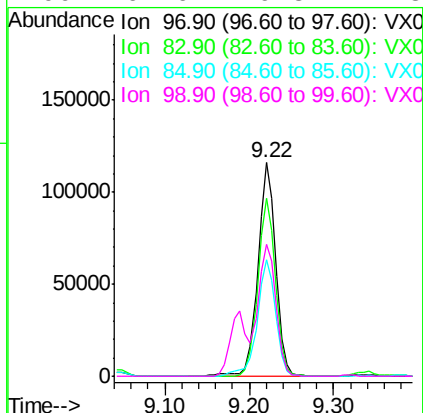
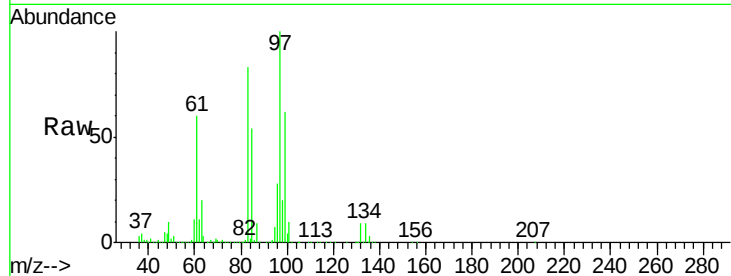
#55
 1,1,2-Trichloroethane
 Concen: 50.764 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Tot Ion:	97	Resp:	167064
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.2	105.2
85	54.3	44.9	67.3
99	61.6	49.8	74.8

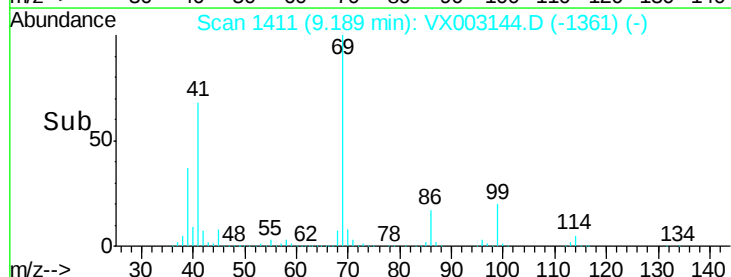
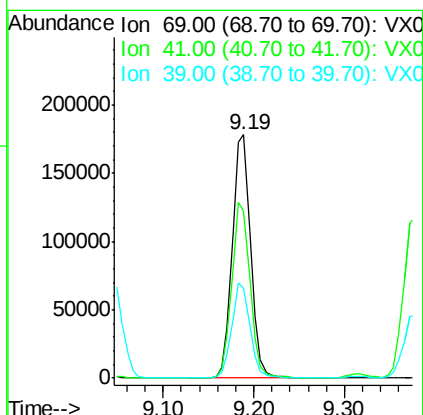
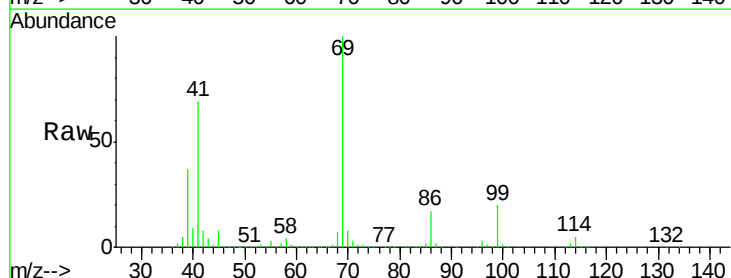
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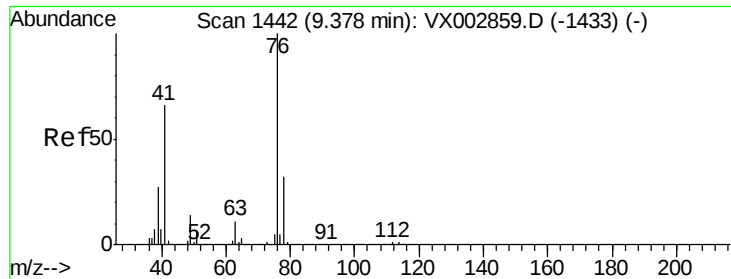
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#56
 Ethyl methacrylate
 Concen: 51.955 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion:	69	Resp:	249895
Ion	Ratio	Lower	Upper
69	100		
41	71.7	60.3	90.5
39	38.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 50.133 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

S10-0142MS

Tot Ion: 76 Resp: 270979

Ion Ratio Lower Upper

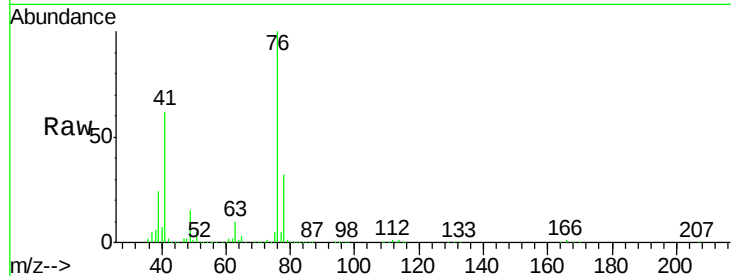
76 100

78 32.1 25.8 38.6

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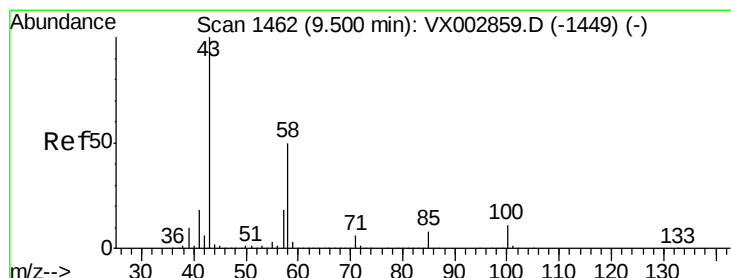
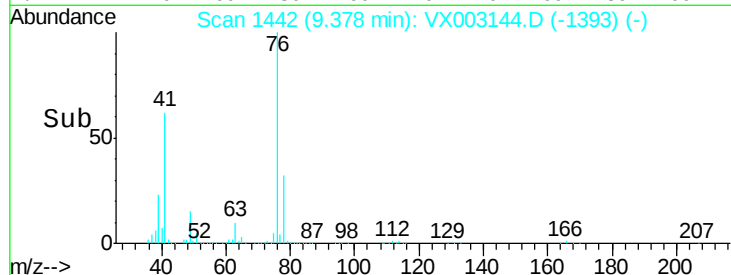
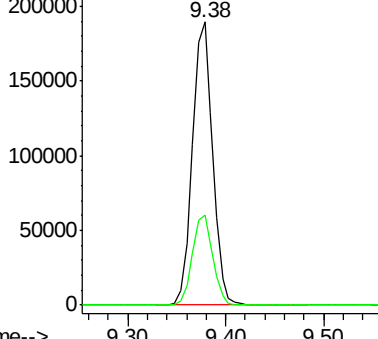
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 257.577 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003144.D

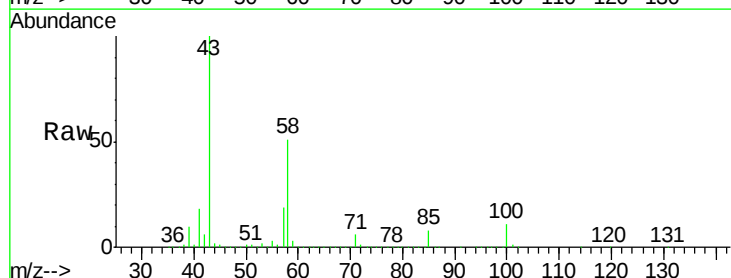
Acq: 03 Jul 2018 13:11

Tgt Ion: 43 Resp: 951628

Ion Ratio Lower Upper

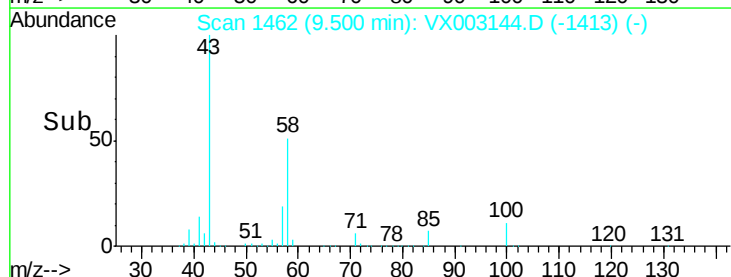
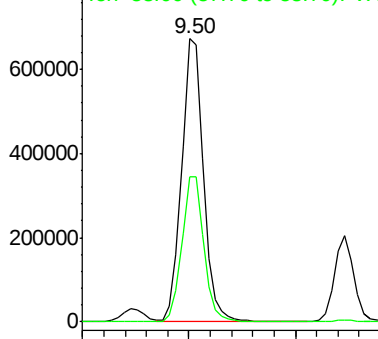
43 100

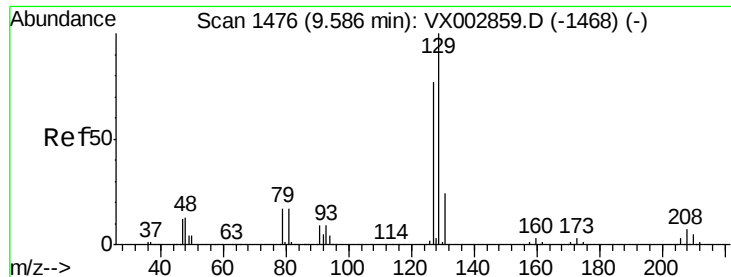
58 52.0 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.689 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

S10-0142MS

Tot Ion:129 Resp: 182540

Ion Ratio Lower Upper

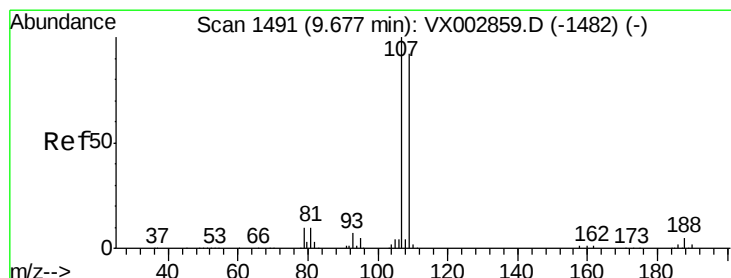
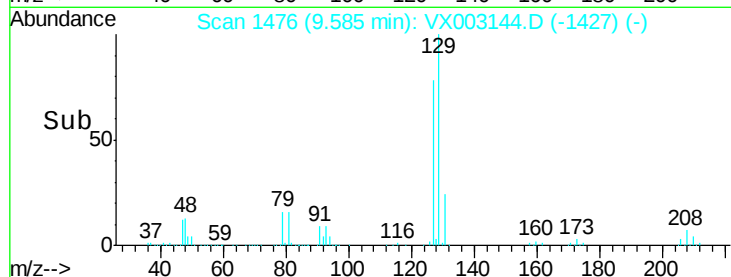
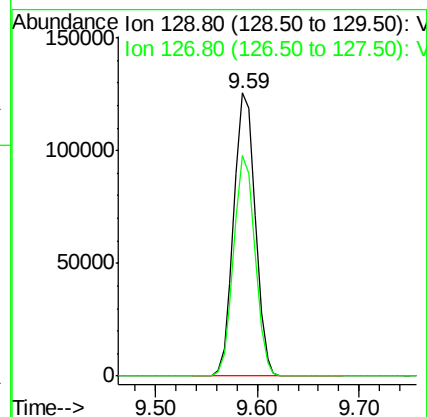
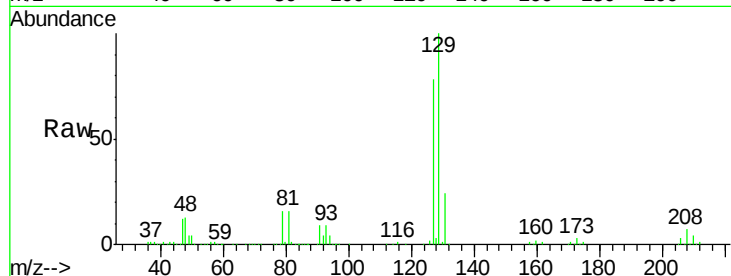
129 100

127 77.0 38.5 115.3

Manual Integrations
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#61

1,2-Dibromoethane

Concen: 51.542 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003144.D

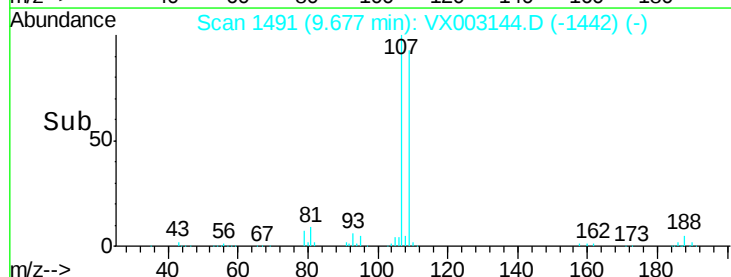
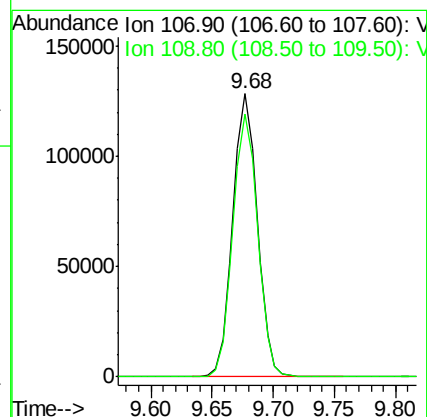
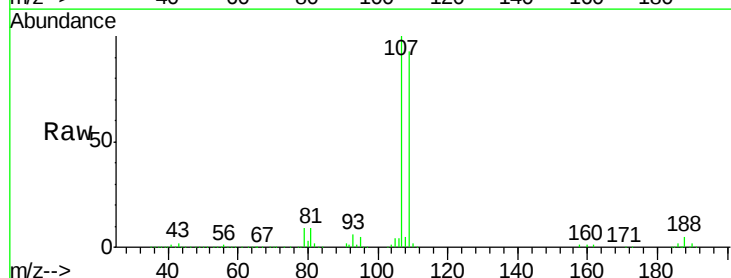
Acq: 03 Jul 2018 13:11

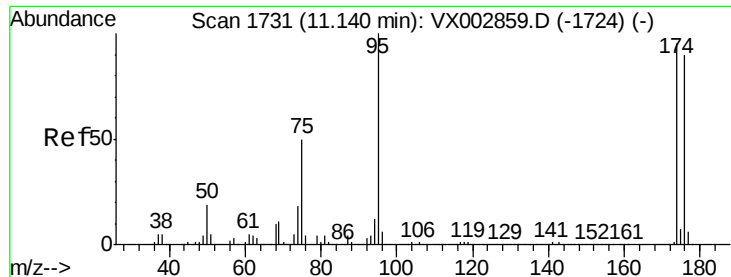
Tgt Ion:107 Resp: 177922

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9





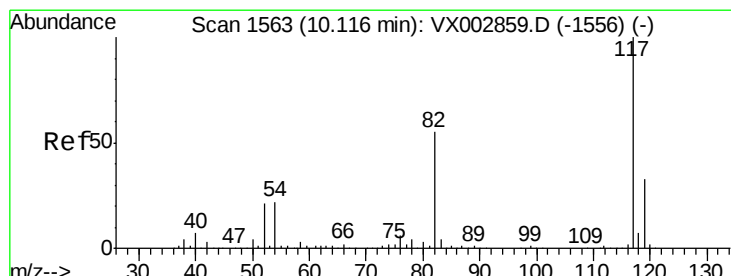
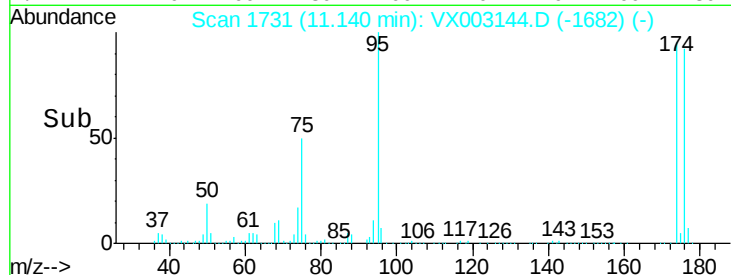
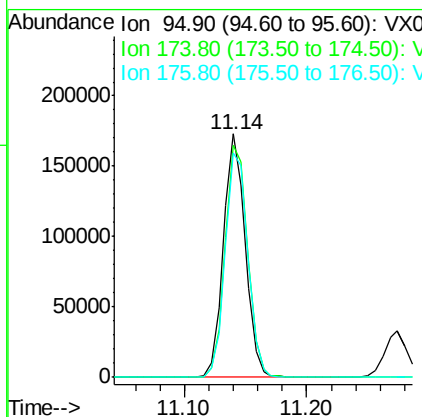
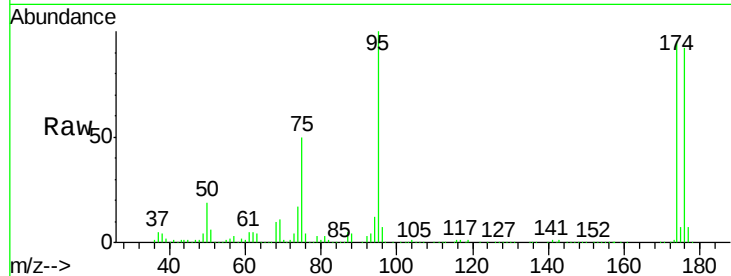
#62
4-Bromofluorobenzene
Concen: 48.692 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	213067		
174	98.9	0.0	187.4	
176	96.0	0.0	181.0	

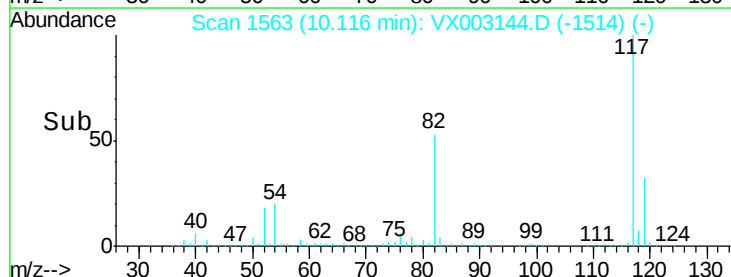
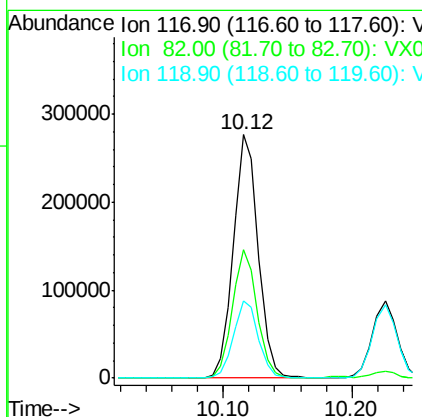
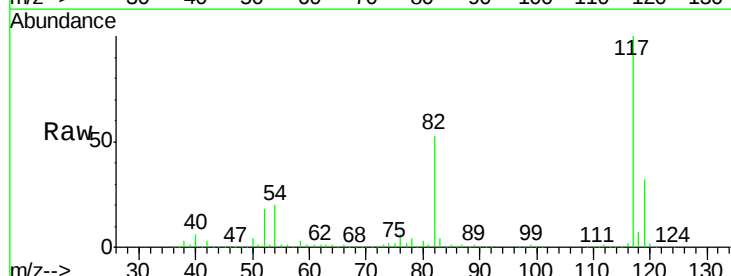
Manual Integrations
APPROVED

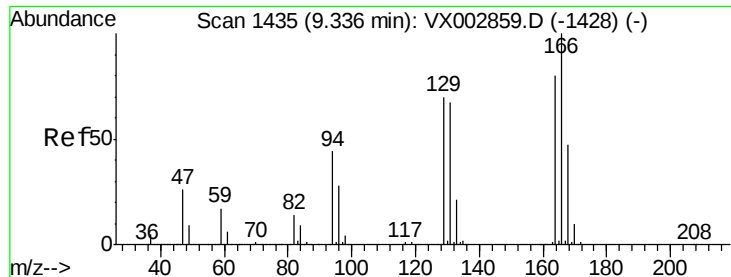
sam
7/5/2018 2:28:53 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	372596		
82	52.7	45.0	67.4	
119	31.6	25.8	38.6	





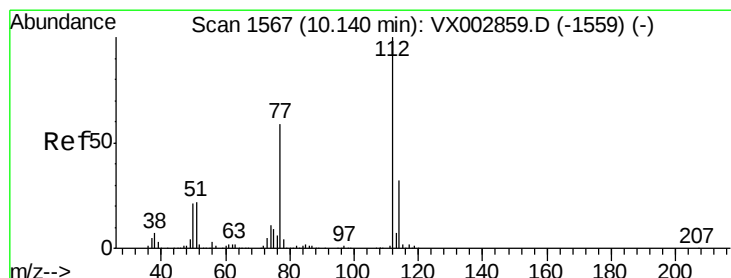
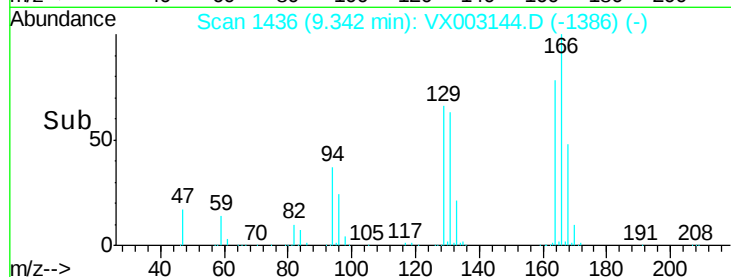
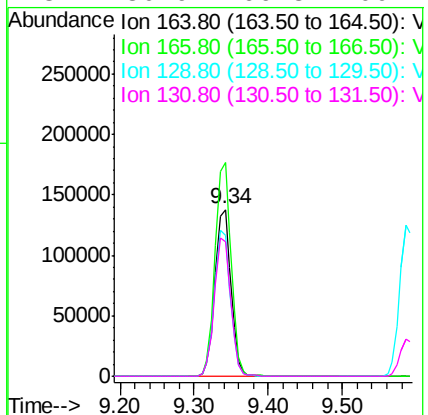
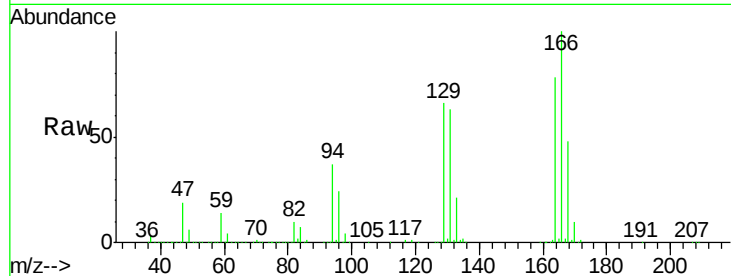
#64
Tetrachloroethene
Concen: 49.220 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.9	154.3
129	84.3	68.6	102.8
131	80.9	66.8	100.2

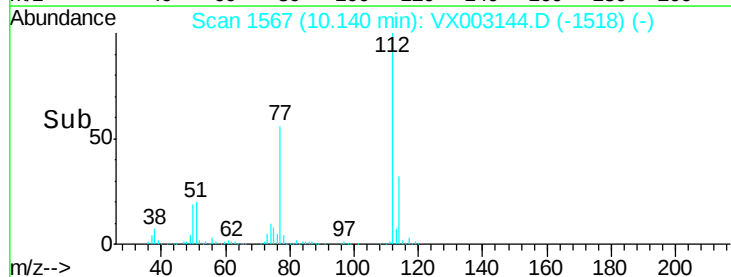
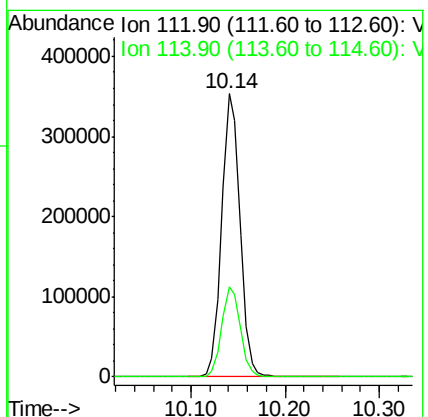
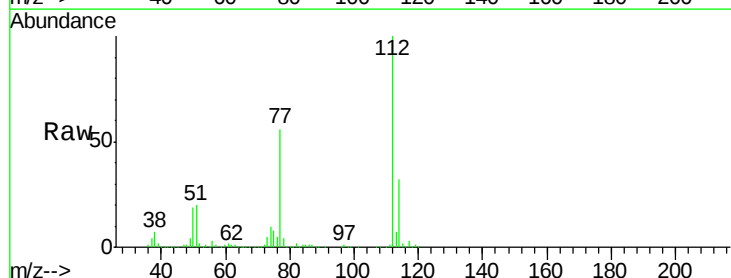
Manual Integrations
APPROVED

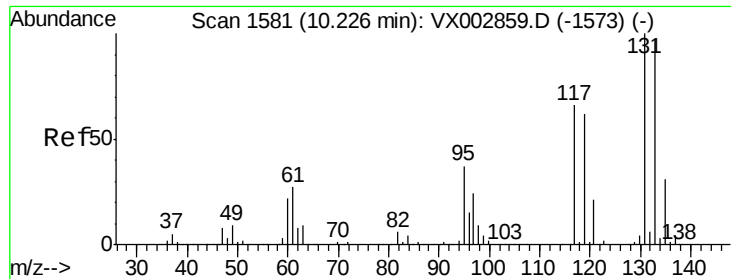
sam
7/5/2018 2:28:53 PM



#65
Chlorobenzene
Concen: 50.444 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 51.209 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

S10-0142MS

Tot Ion:131 Resp: 176055

Ion Ratio Lower Upper

131 100

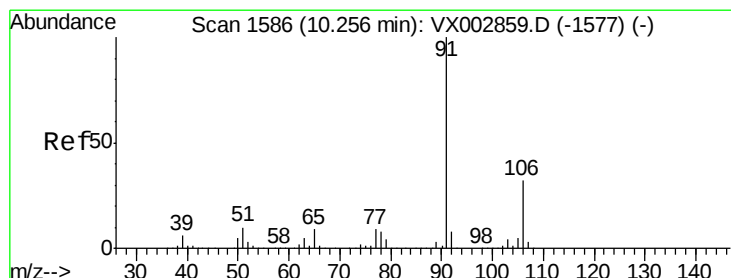
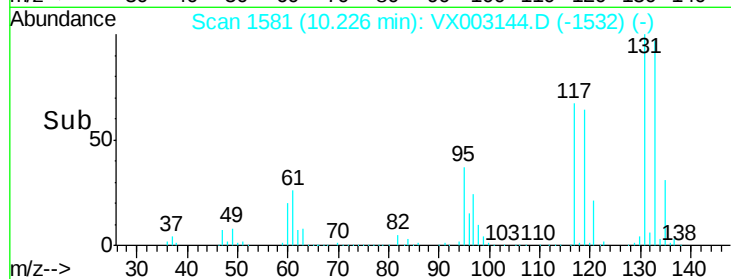
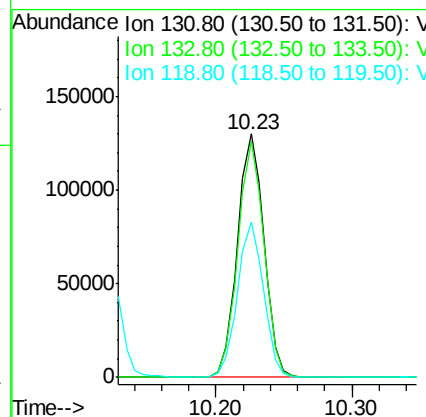
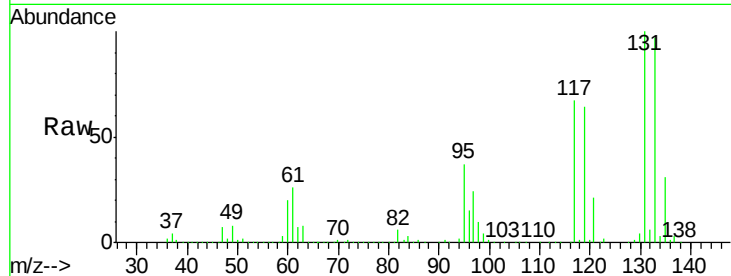
133 95.8 47.9 143.6

119 62.7 31.8 95.3

Manual Integrations
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sam

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#67

Ethyl Benzene

Concen: 60.025 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003144.D

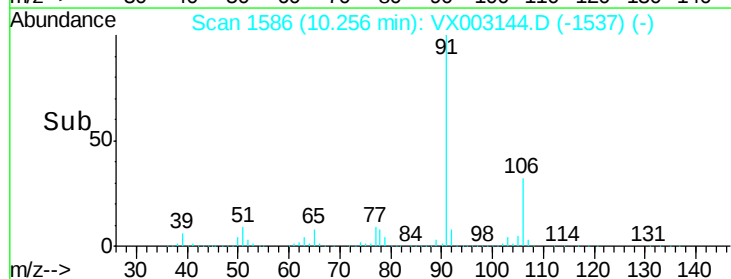
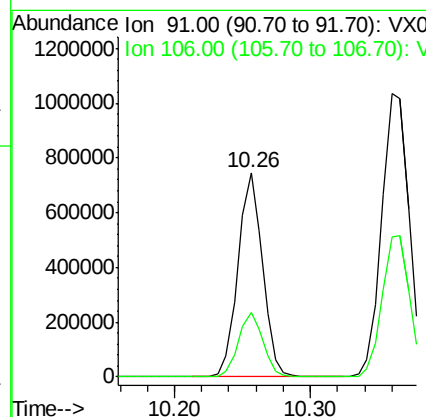
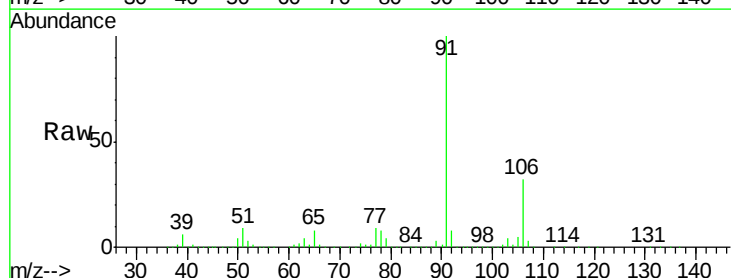
Acq: 03 Jul 2018 13:11

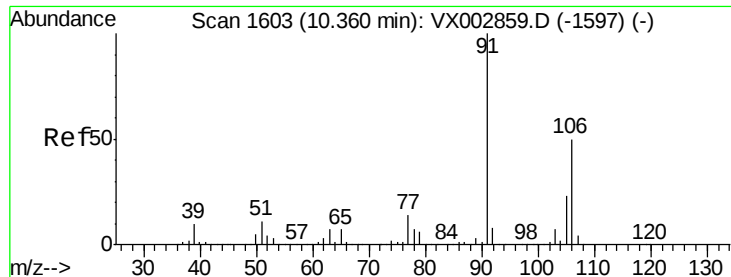
Tgt Ion: 91 Resp: 938401

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3





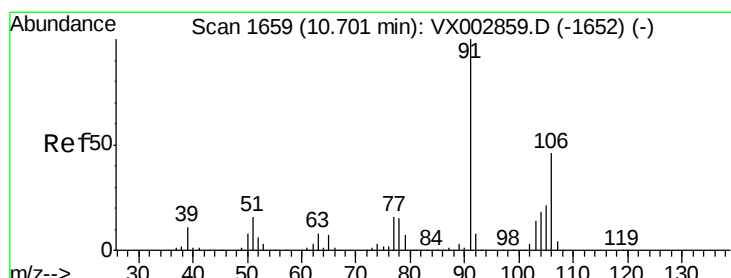
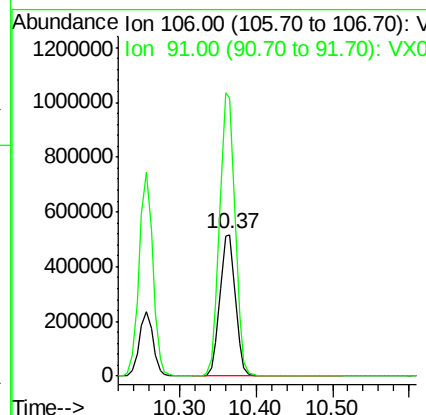
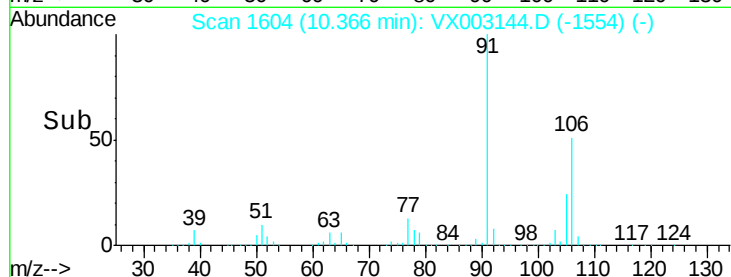
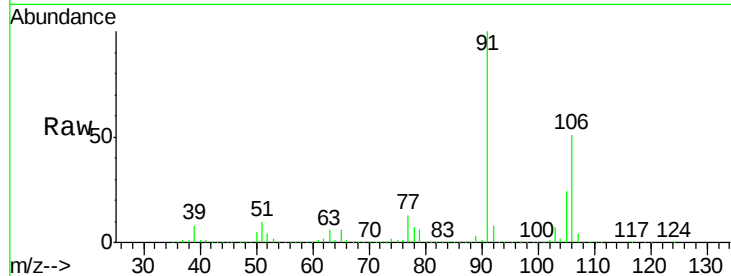
#68
m/p-Xvlenes
Concen: 120.746 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion:106 Resp: 727521
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2

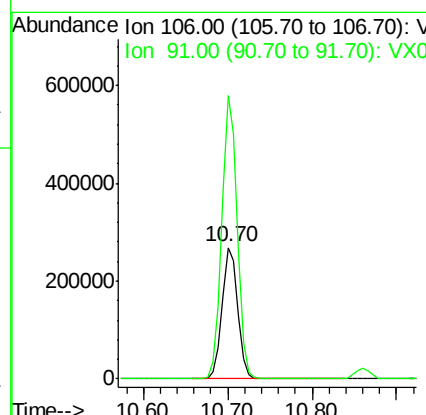
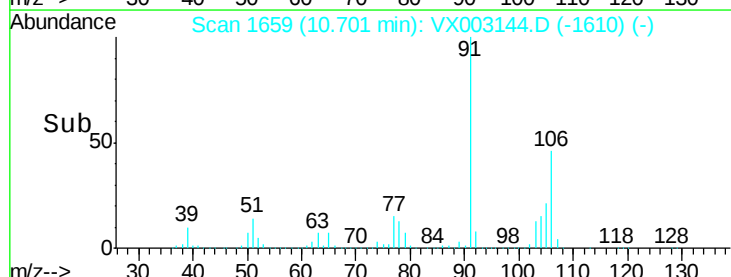
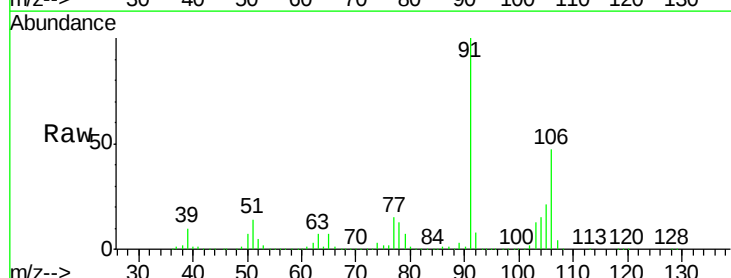
Manual Integrations
APPROVED

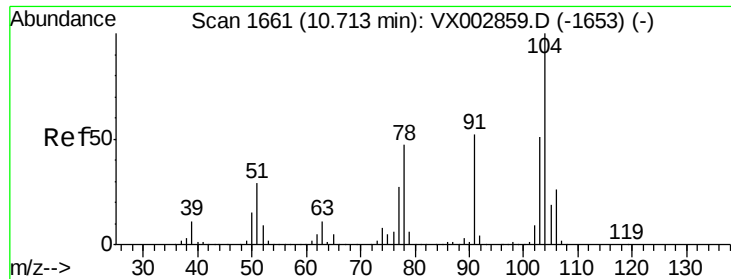
sam
7/5/2018 2:28:53 PM



#69
o-Xylene
Concen: 59.112 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion:106 Resp: 346799
Ion Ratio Lower Upper
106 100
91 211.9 108.2 324.6





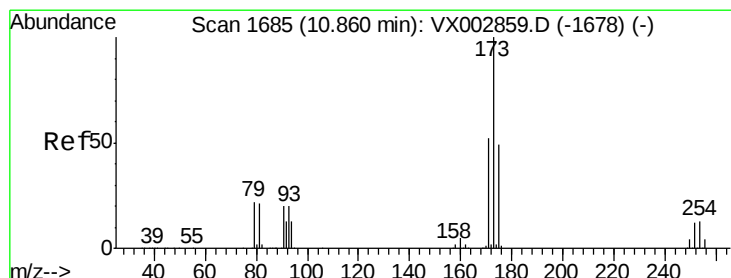
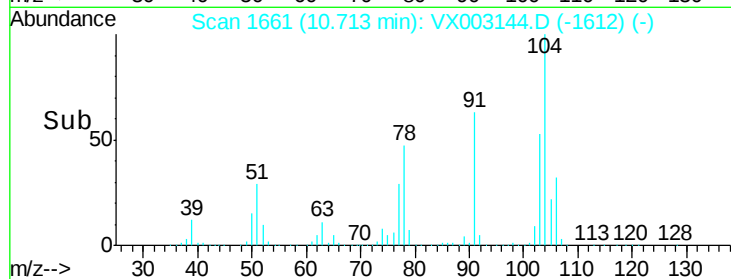
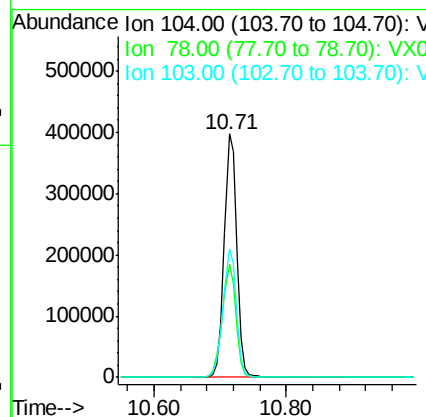
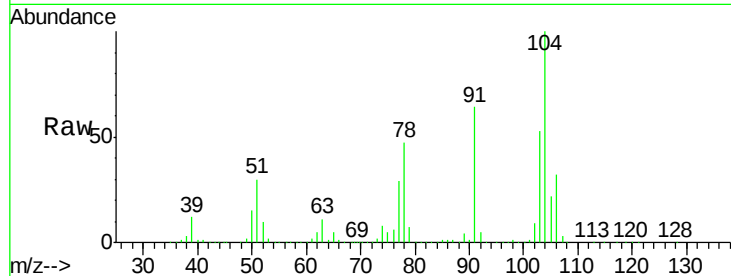
#70
Stvrene
Concen: 54.146 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	41.0	61.6
103	56.2	44.2	66.4

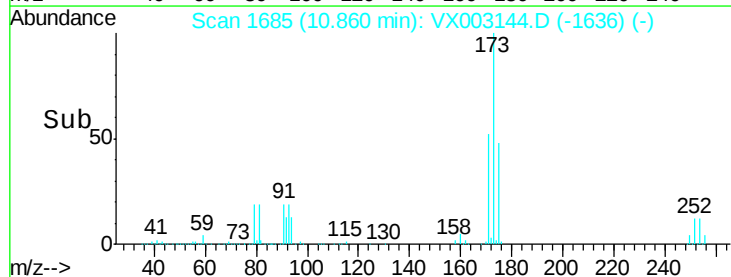
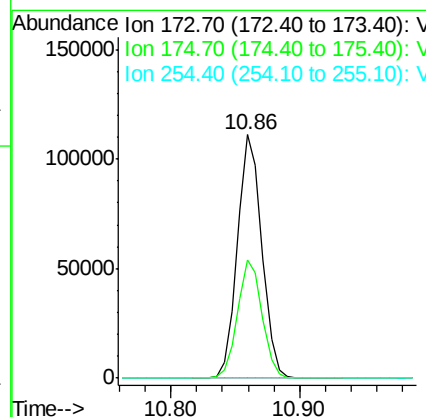
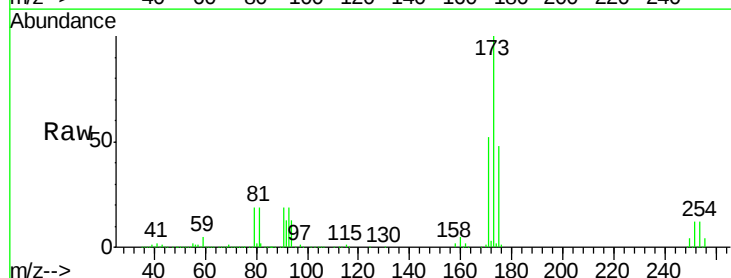
Manual Integrations
APPROVED

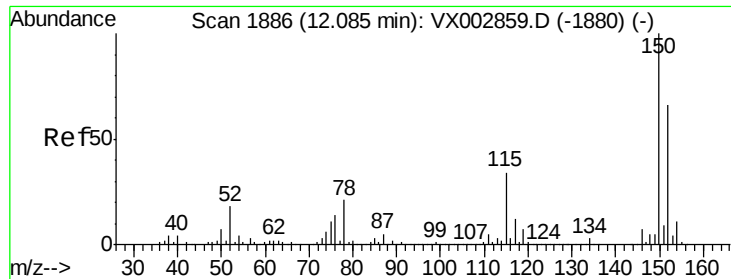
sam
7/5/2018 2:28:53 PM



#71
Bromoform
Concen: 47.454 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2





#72

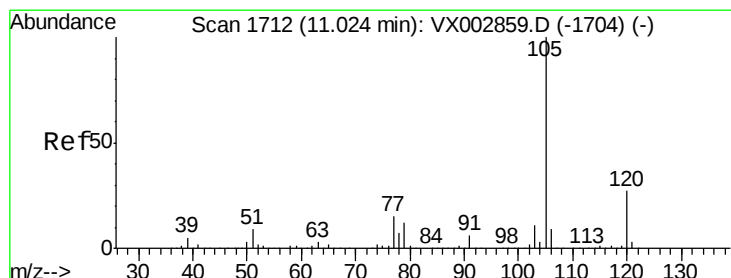
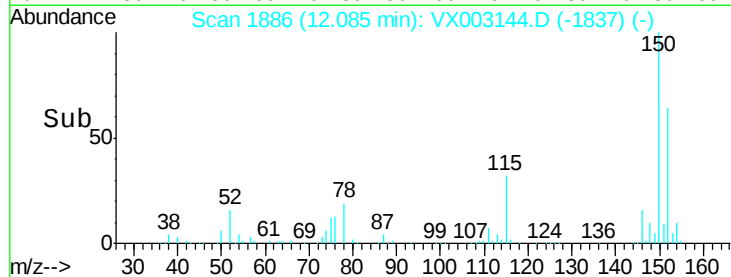
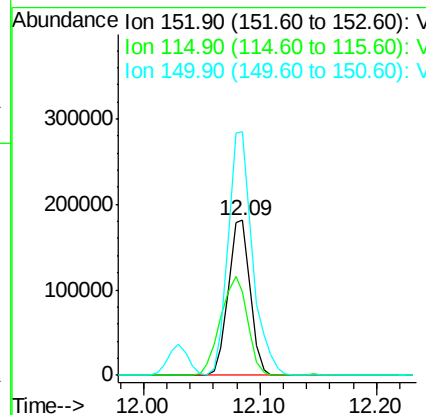
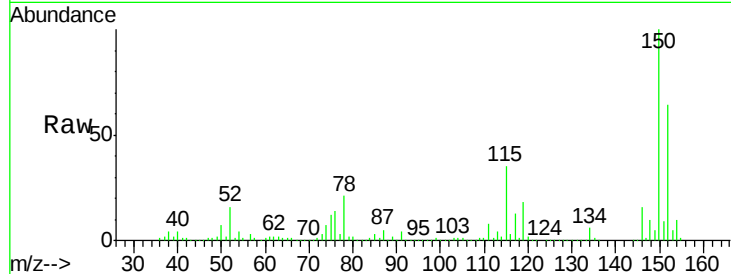
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :
S10-0142MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.4	40.1	120.2
150	174.9	0.0	347.2

Manual Integrations
APPROVED

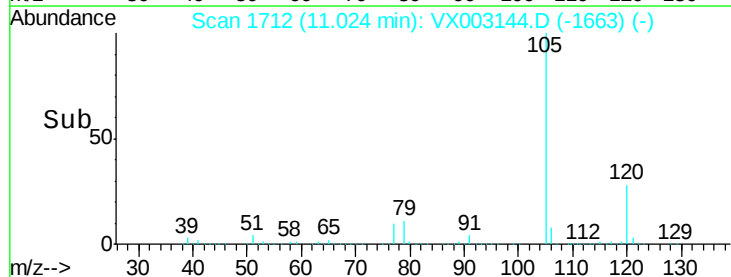
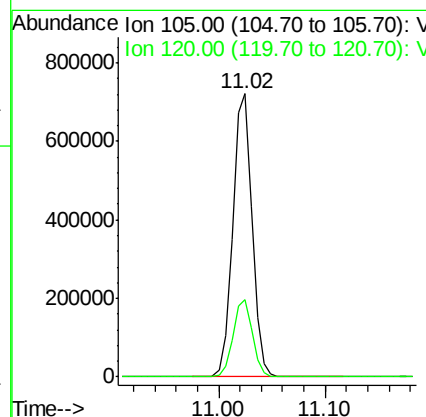
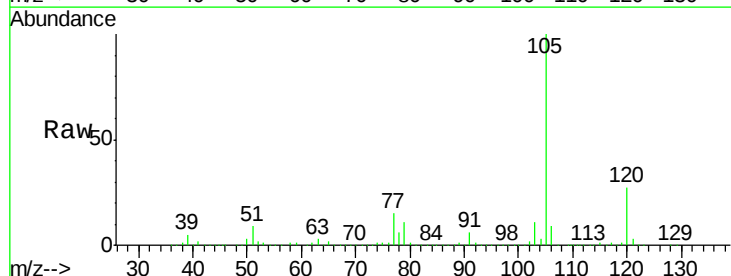
sam
7/5/2018 2:28:53 PM

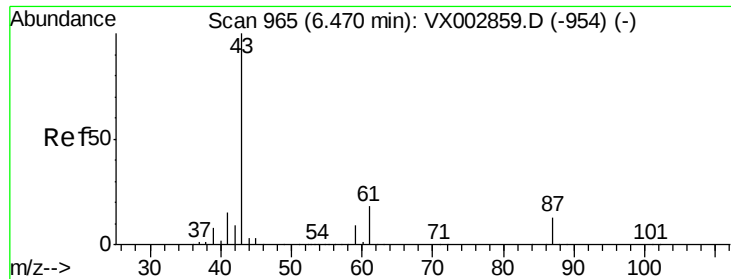


#73

Isopropylbenzene
Concen: 57.983 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.4





#74

N-amvl acetate

Concen: 42.155 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

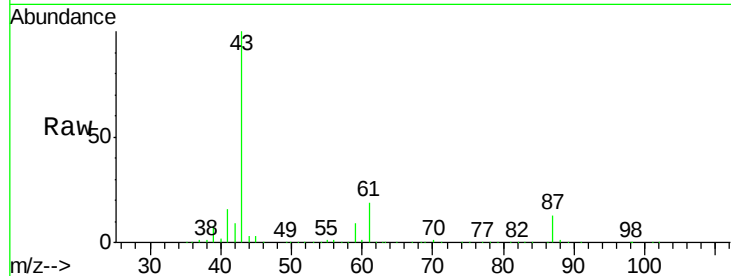
ClientSampleId :

S10-0142MS

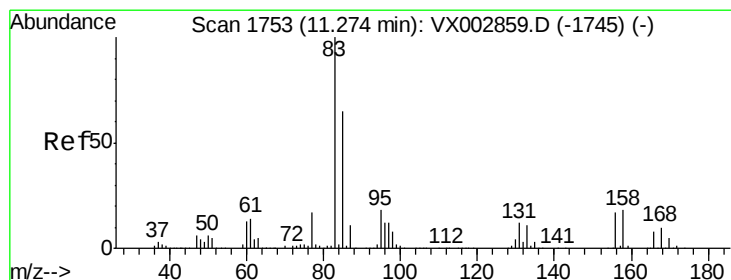
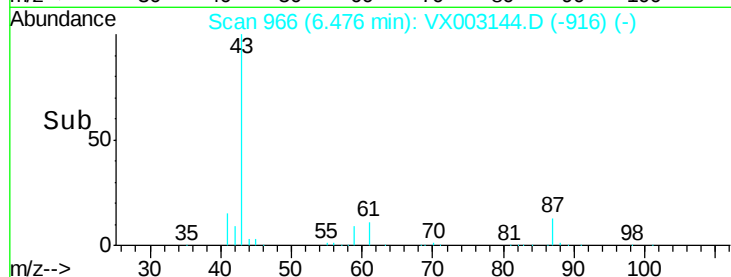
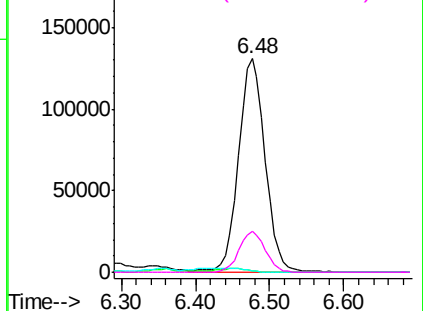
Tot Ion	43	Resp	326135
Ion Ratio	Lower	Upper	
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.9	14.4	21.6

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.100 ug/l

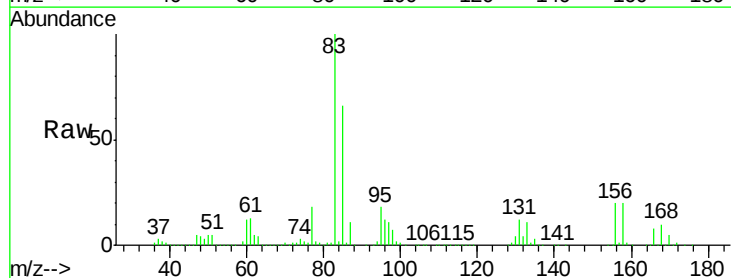
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

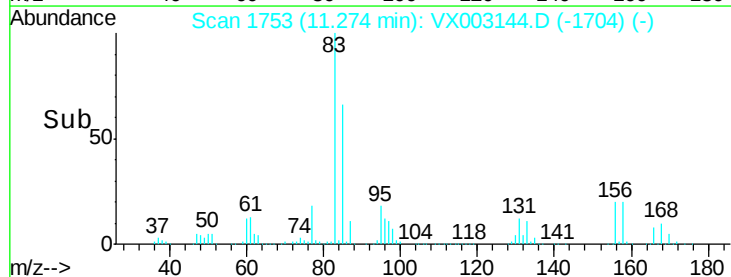
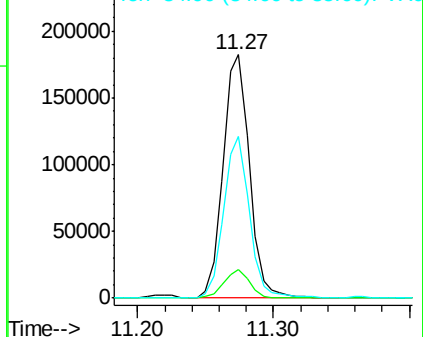
Lab File: VX003144.D

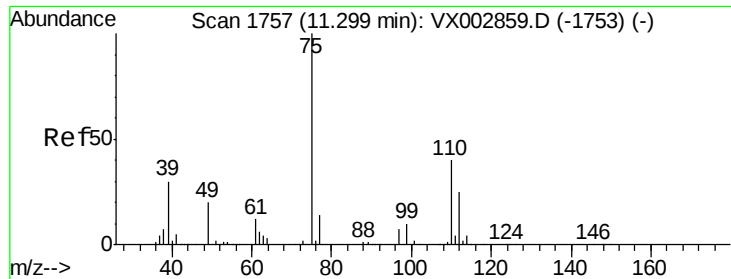
Acq: 03 Jul 2018 13:11

Tgt Ion	83	Resp	244022
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	65.1	32.4	97.2



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





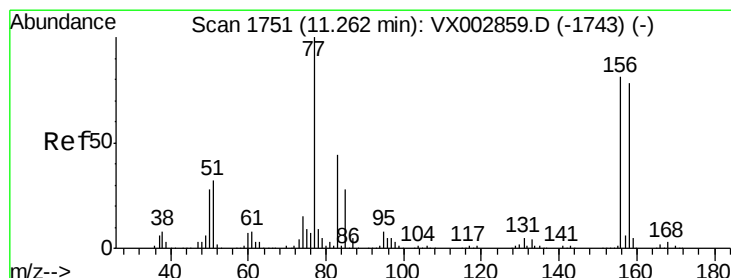
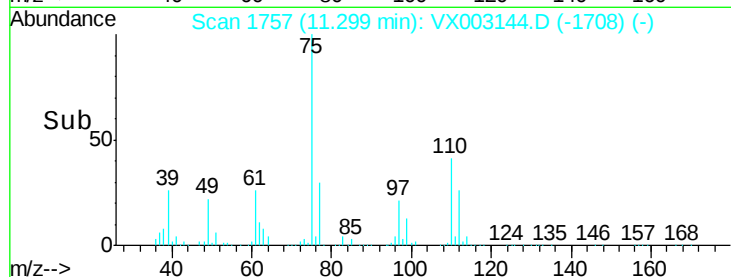
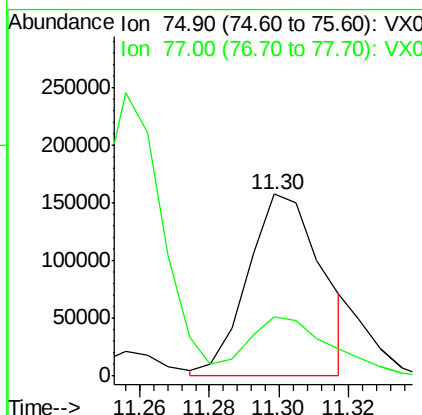
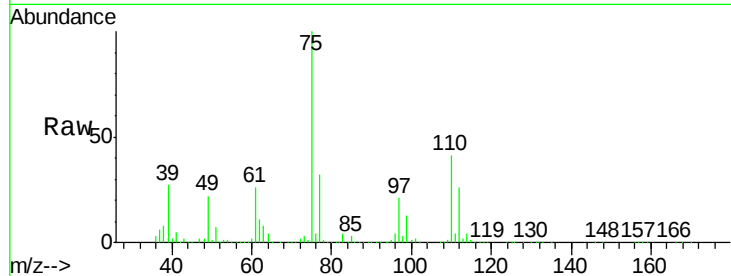
#76
1,2,3-Trichloropropane
Concen: 54.751 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion: 75 Resp: 233102
Ion Ratio Lower Upper
75 100
77 36.5 22.8 68.3

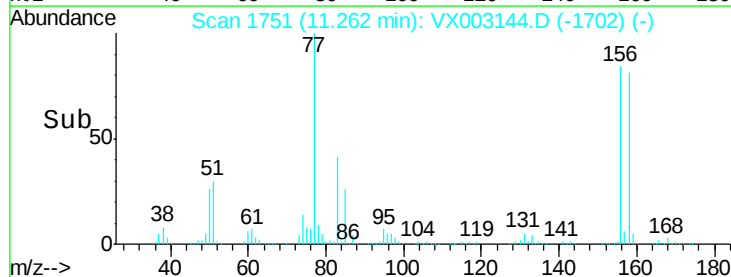
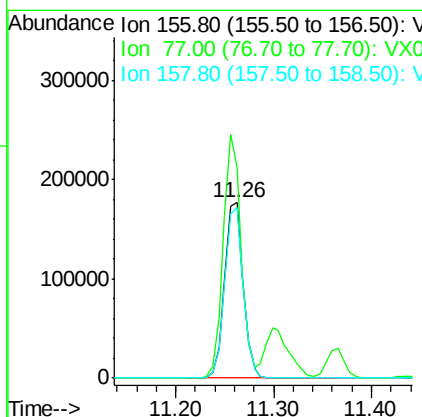
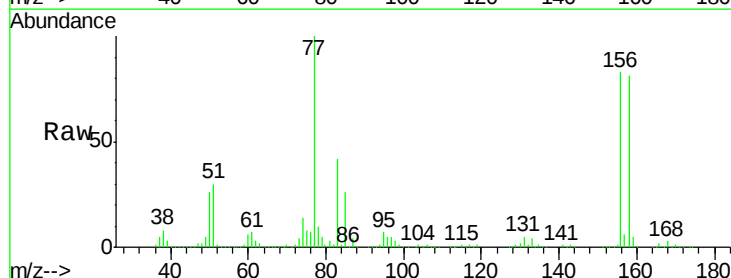
Manual Integrations
APPROVED

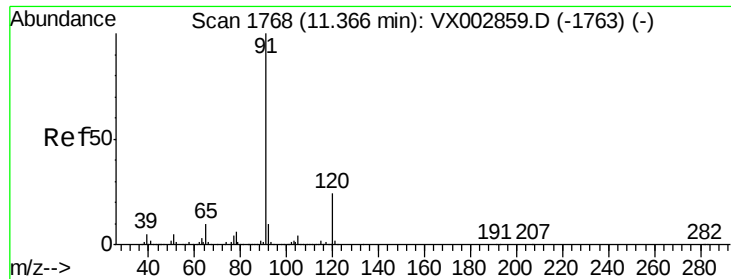
sam
7/5/2018 2:28:53 PM



#77
Bromobenzene
Concen: 51.591 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 156 Resp: 232310
Ion Ratio Lower Upper
156 100
77 132.8 71.4 214.2
158 97.2 48.9 146.6





#78

n-propylbenzene

Concen: 52.601 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

S10-0142MS

Tot Ion: 91 Resp: 946729

Ion Ratio Lower Upper

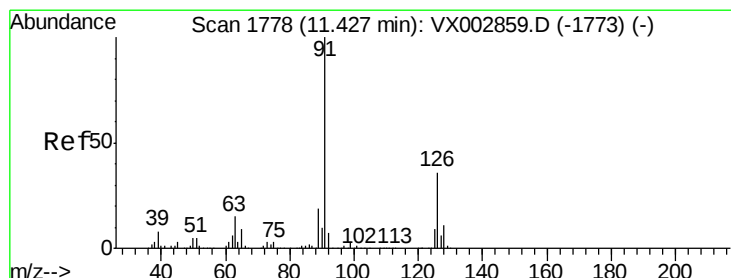
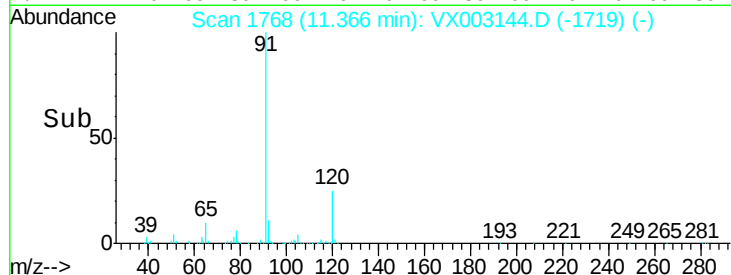
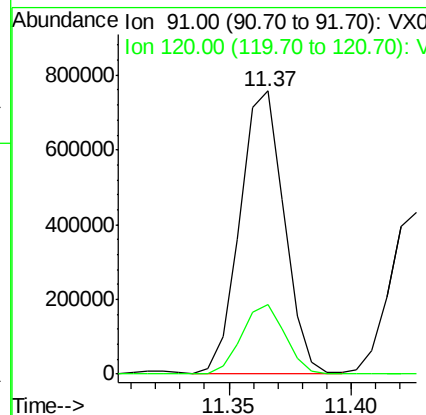
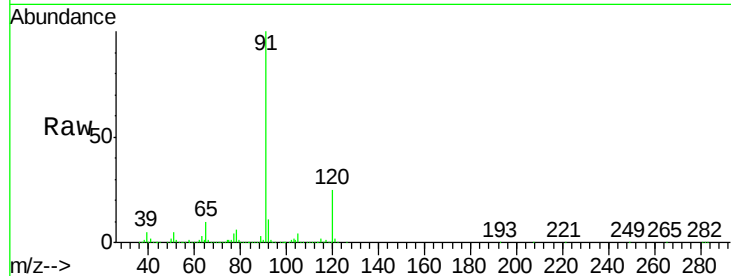
91 100

120 24.4 11.8 35.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 50.586 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003144.D

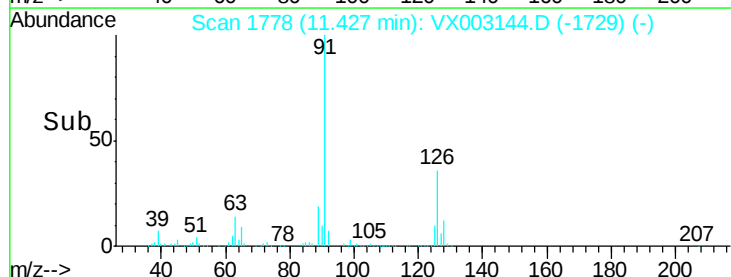
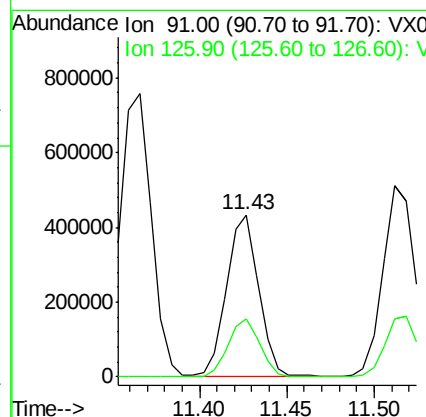
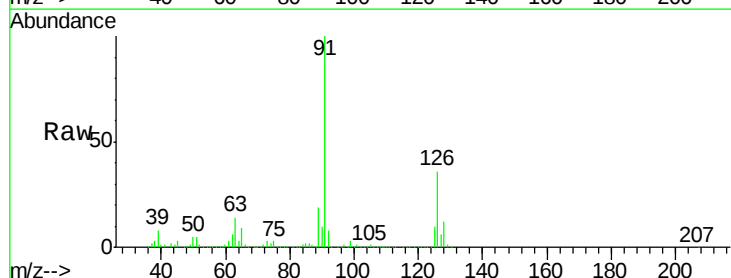
Acq: 03 Jul 2018 13:11

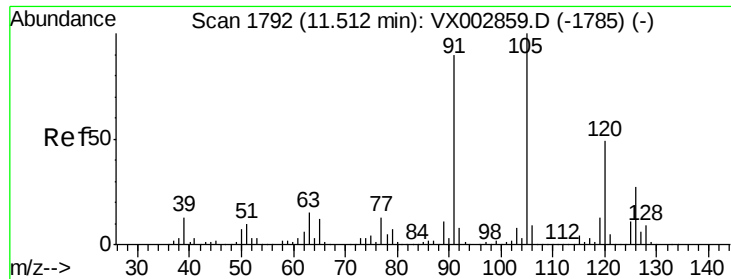
Tgt Ion: 91 Resp: 551221

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1





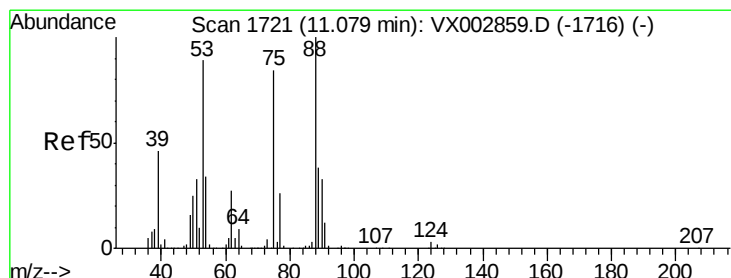
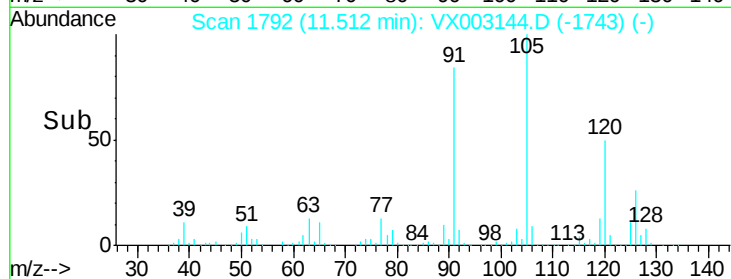
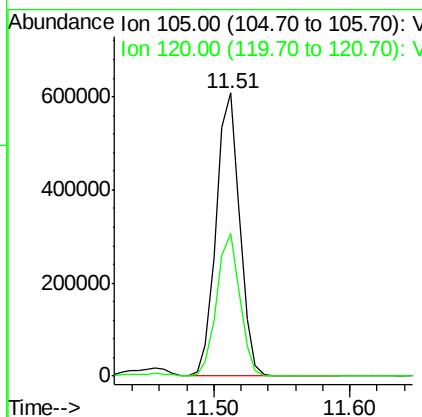
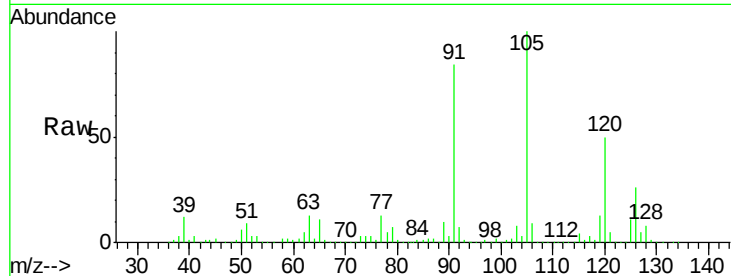
#80
 1,3,5-Trimethylbenzene
 Concen: 54.930 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MS

Tot Ion:105 Resp: 731527
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4

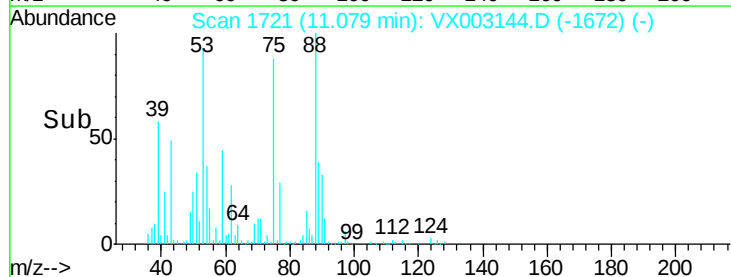
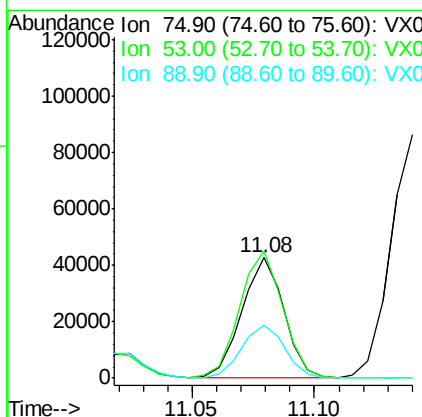
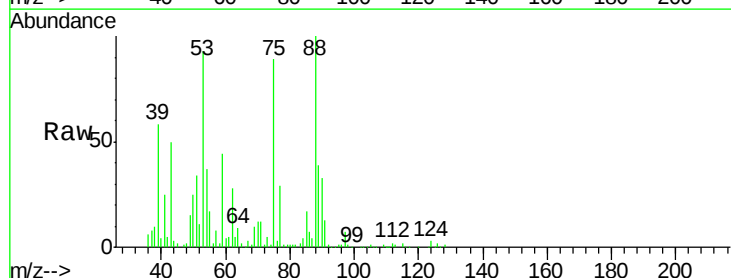
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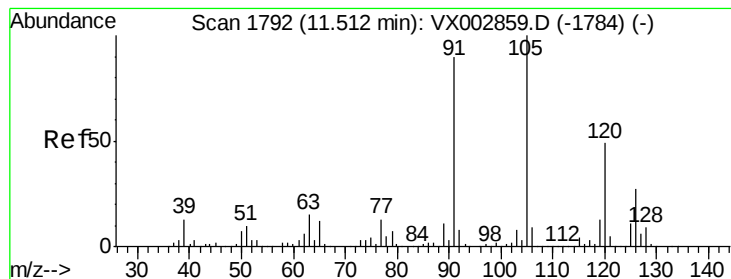
sam
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.659 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 75 Resp: 50809
 Ion Ratio Lower Upper
 75 100
 53 108.4 86.8 130.2
 89 46.1 38.2 57.2





#82

4-Chlorotoluene

Concen: 50.552 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

S10-0142MS

Tot Ion: 91 Resp: 652123

Ion Ratio Lower Upper

91 100

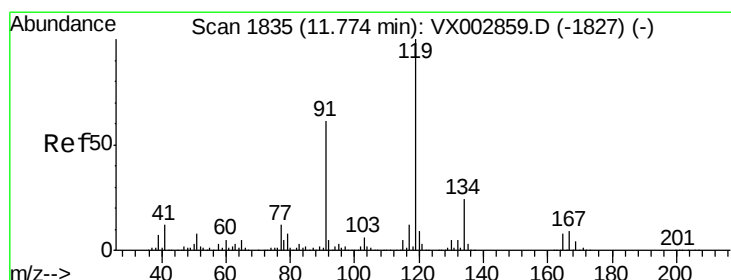
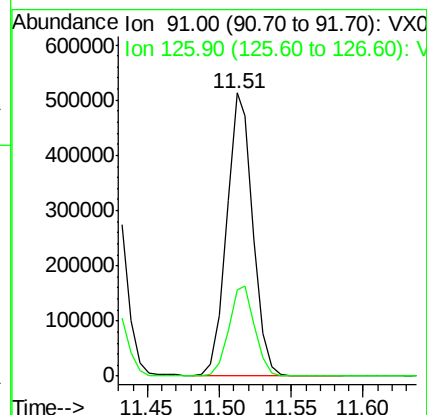
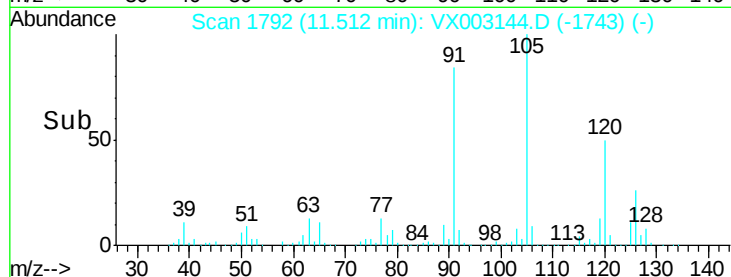
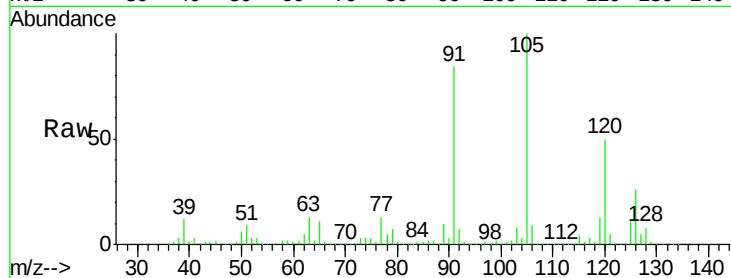
126 31.7 15.4 46.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 52.370 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

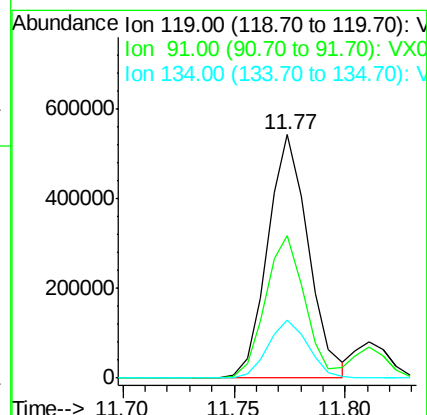
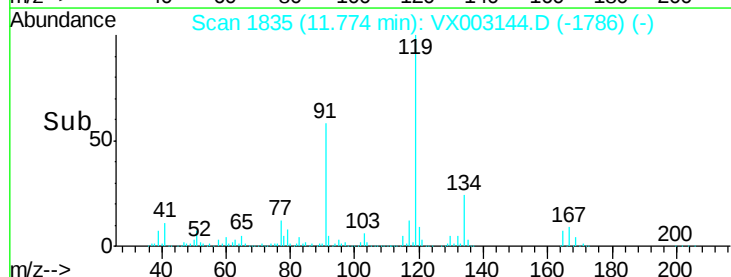
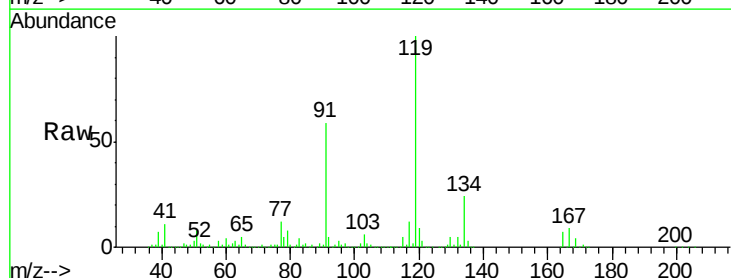
Tgt Ion: 119 Resp: 687356

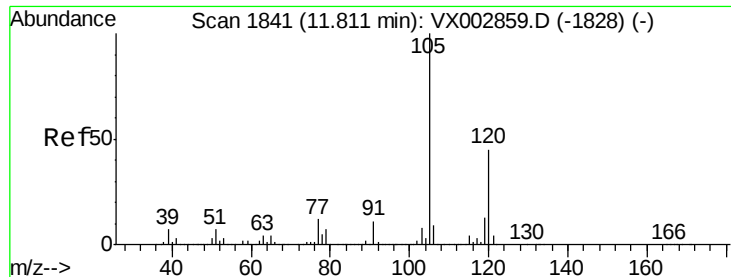
Ion Ratio Lower Upper

119 100

91 57.5 30.3 90.9

134 23.4 11.7 35.1





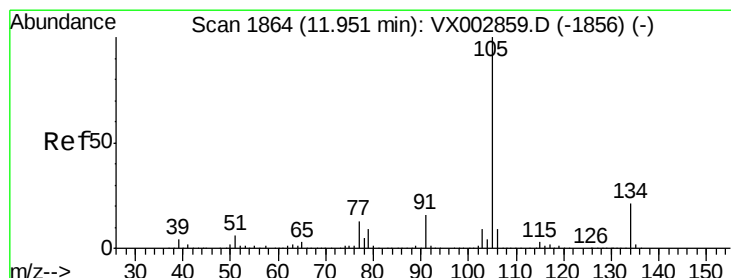
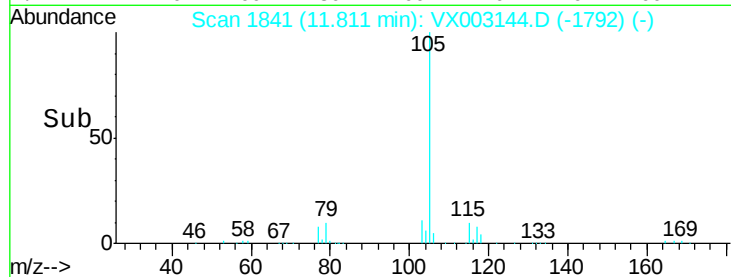
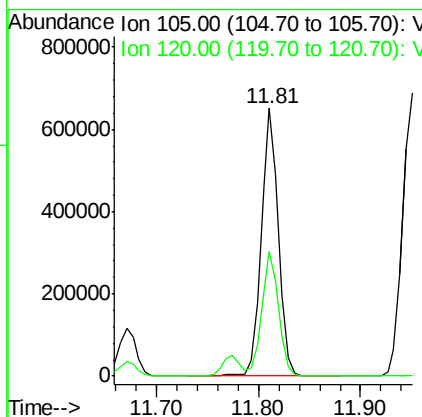
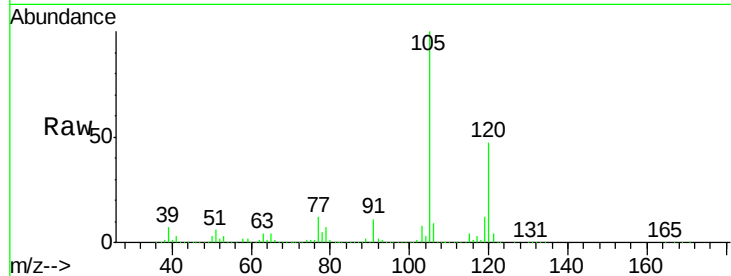
#84
 1,2,4-Trimethylbenzene
 Concen: 55.313 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.3	66.8

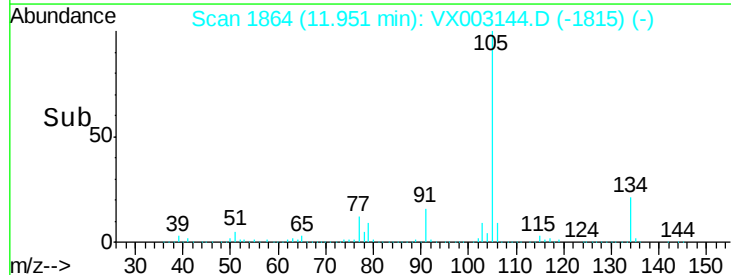
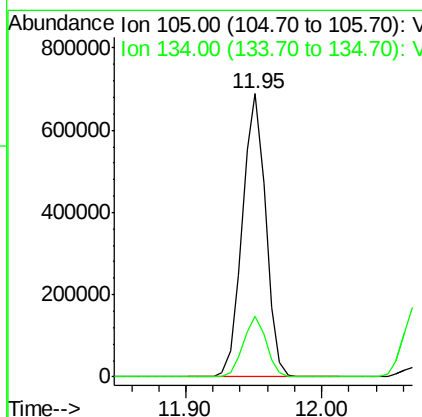
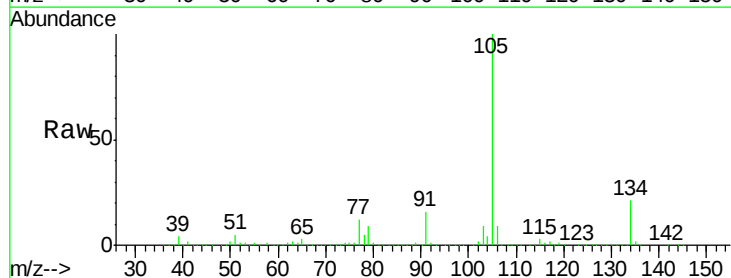
Manual Integrations
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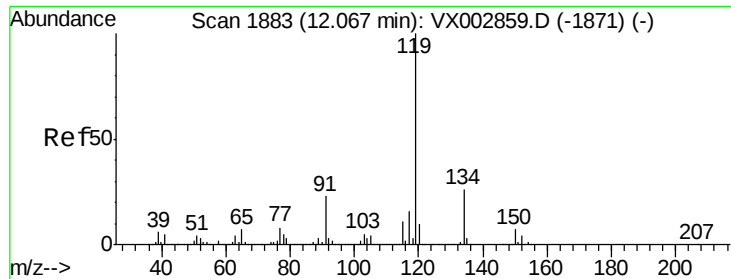
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#85
 sec-Butylbenzene
 Concen: 51.529 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1





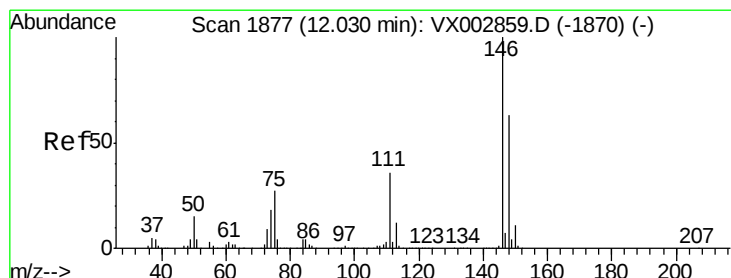
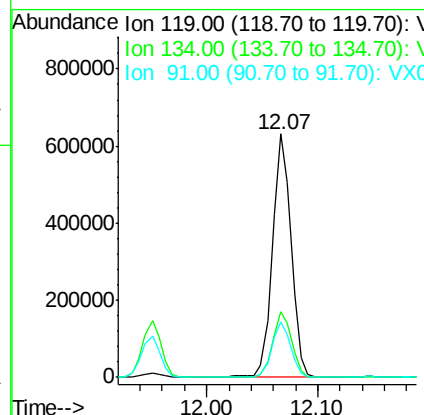
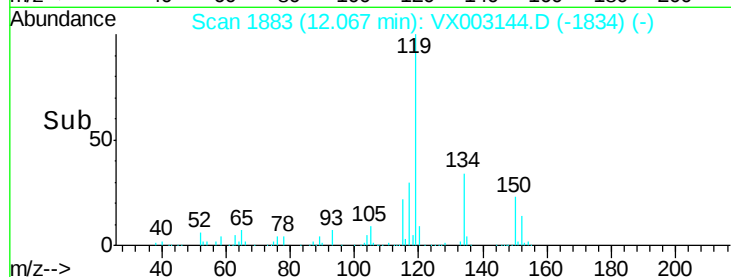
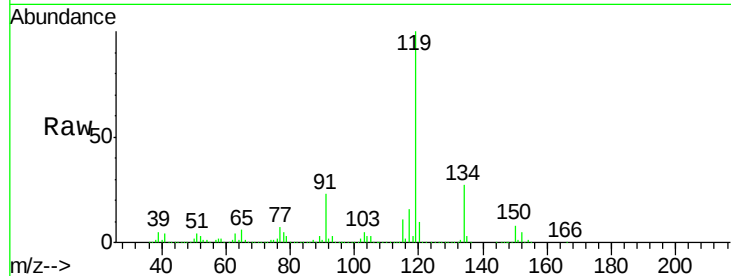
#86
 p-Isopropyltoluene
 Concen: 52.046 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.1
91	22.9	11.9	35.7

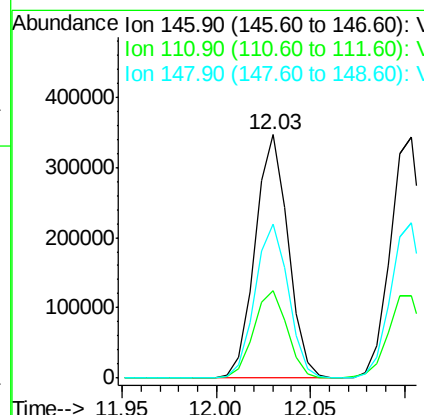
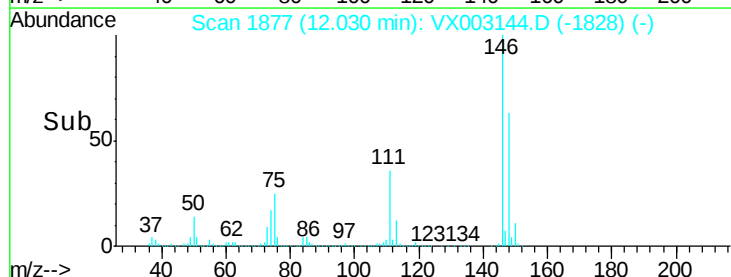
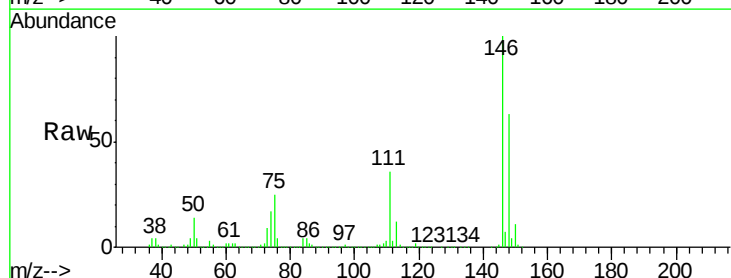
Manual Integrations
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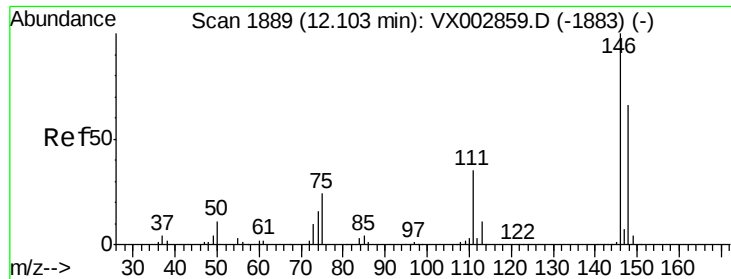
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#87
 1,3-Dichlorobenzene
 Concen: 51.056 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.7
148	64.1	32.1	96.3





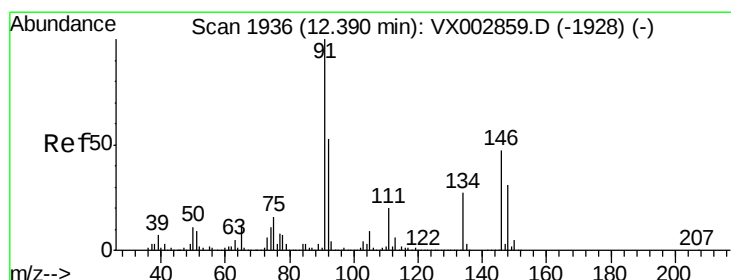
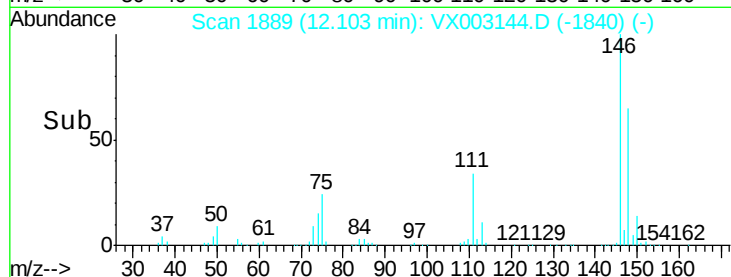
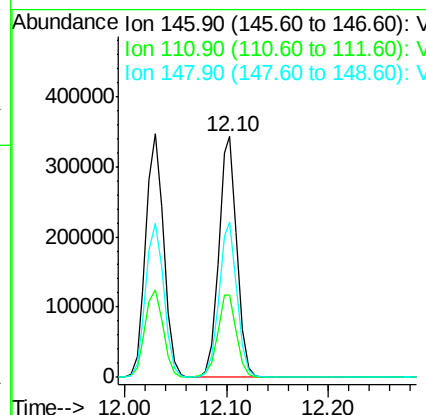
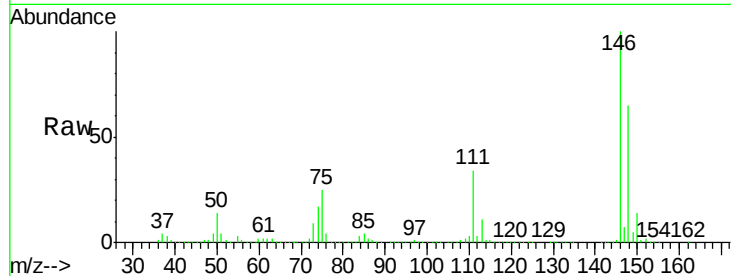
#88
 1,4-Dichlorobenzene
 Concen: 50.731 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampled :
 S10-0142MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	64.2	32.4	97.0

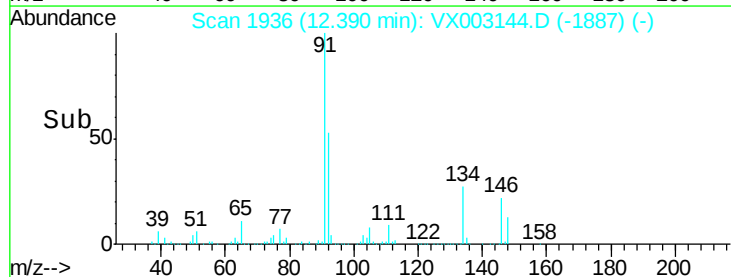
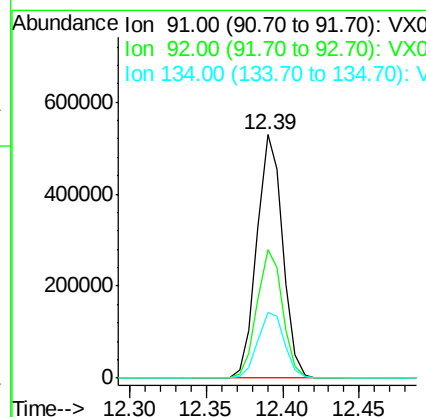
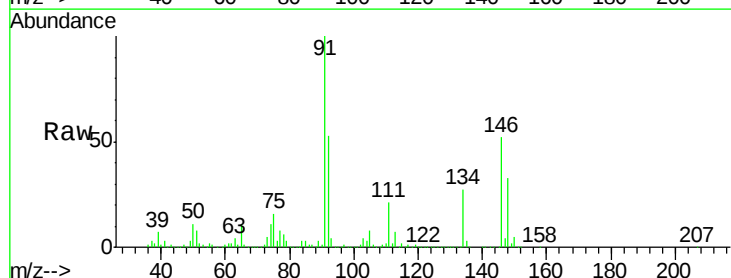
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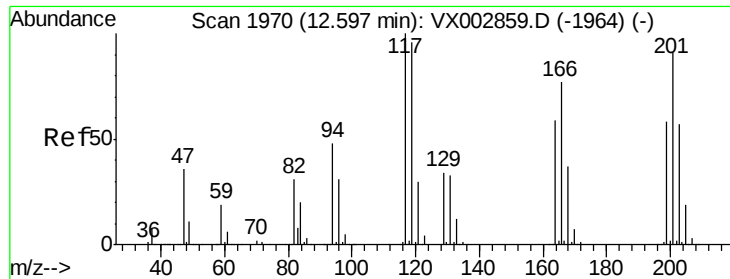
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#89
 n-Butylbenzene
 Concen: 49.867 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	28.2	13.5	40.5





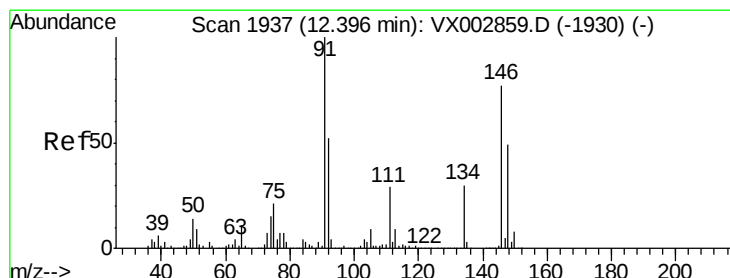
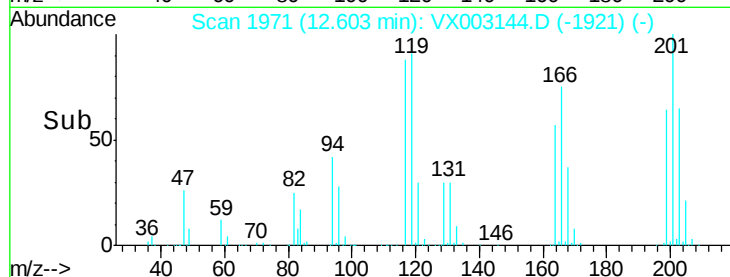
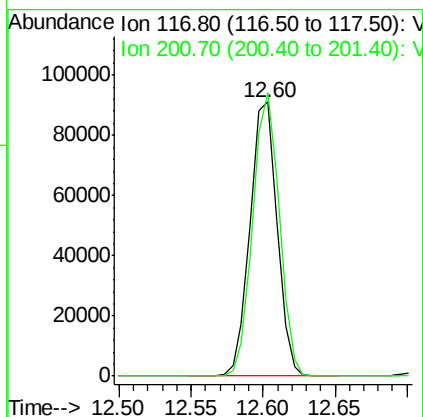
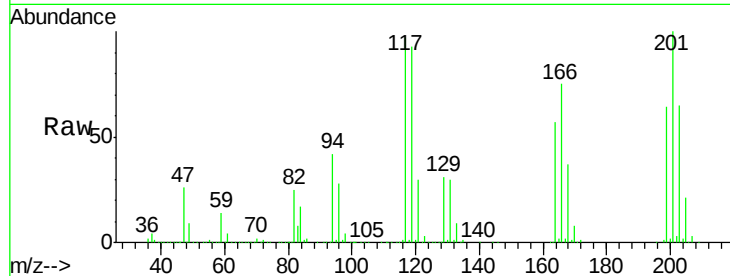
#90
Hexachloroethane
Concen: 55.327 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :
S10-0142MS

Tot Ion:117 Resp: 117802
Ion Ratio Lower Upper
117 100
201 100.9 49.0 147.0

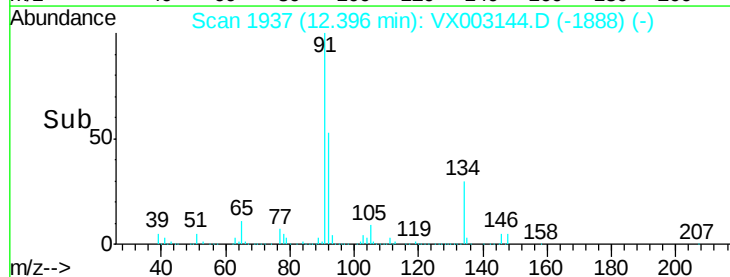
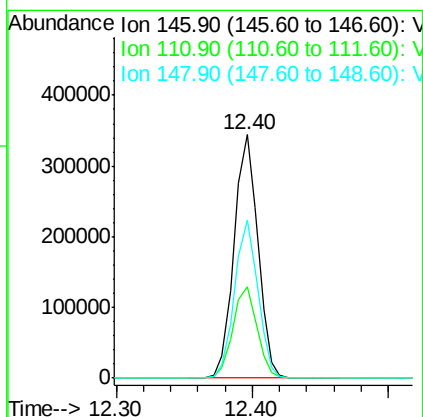
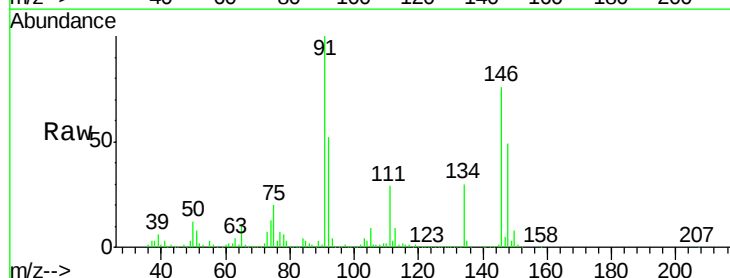
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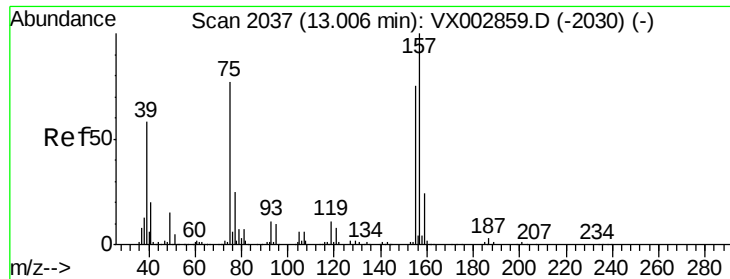
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#91
1,2-Dichlorobenzene
Concen: 50.489 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion:146 Resp: 419085
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 64.0 31.7 95.1





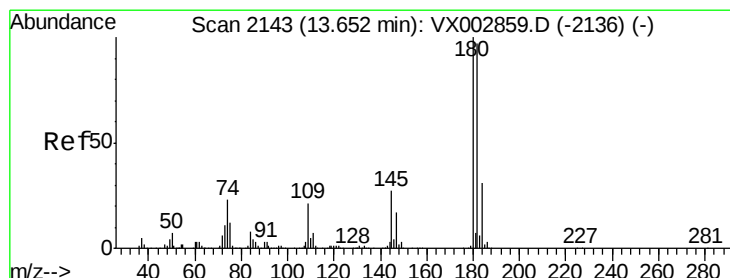
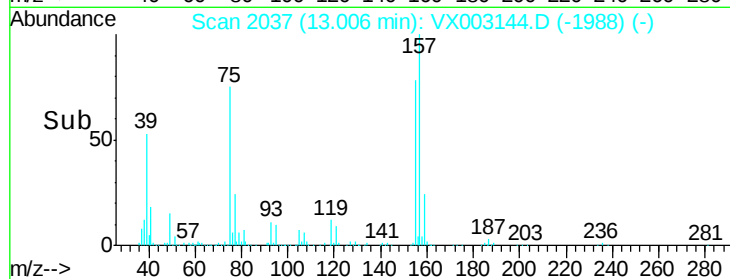
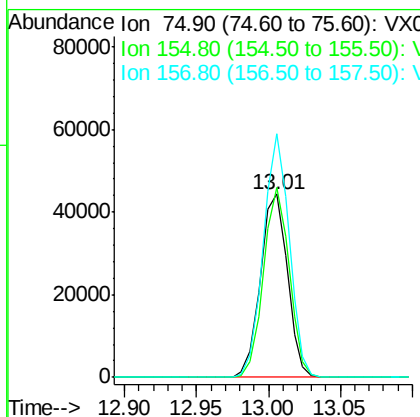
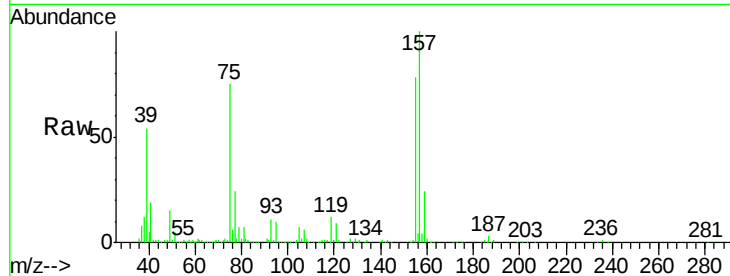
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.427 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.4	45.8	137.4
157	126.9	60.1	180.3

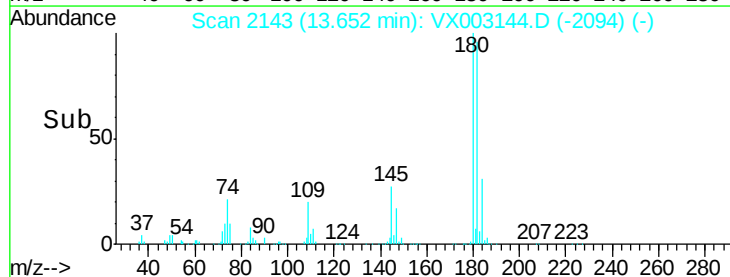
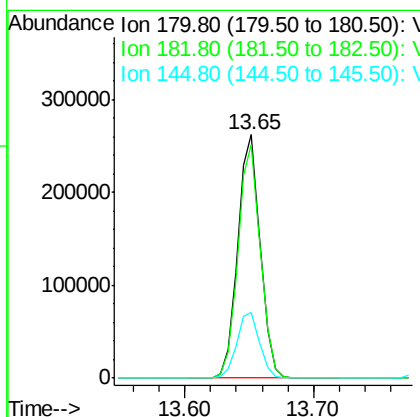
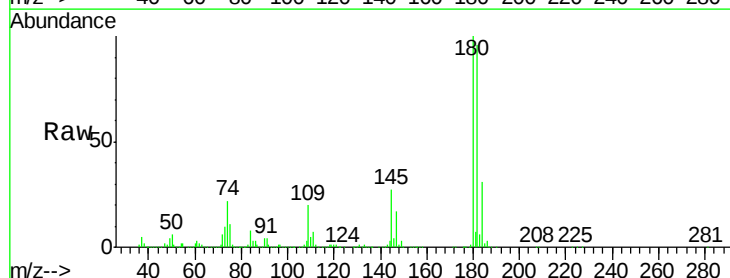
Manual Integrations
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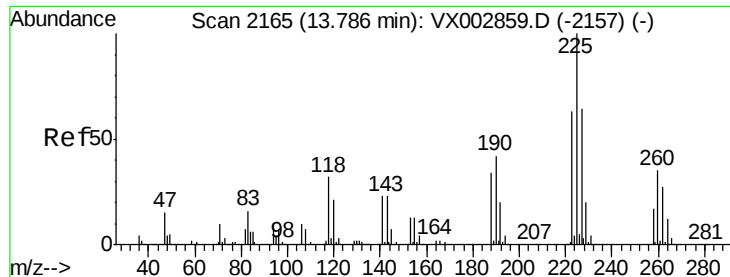
sam
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#93
 1,2,4-Trichlorobenzene
 Concen: 52.355 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	27.5	14.1	42.4





#94

Hexachlorobutadiene

Concen: 52.267 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

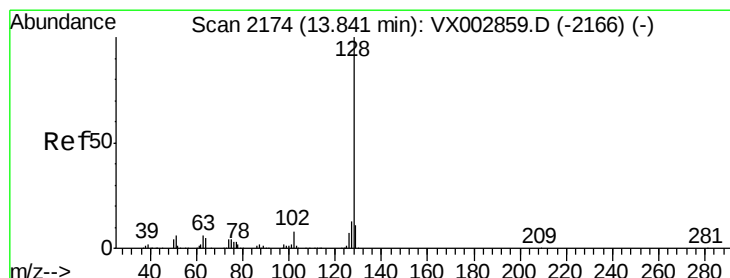
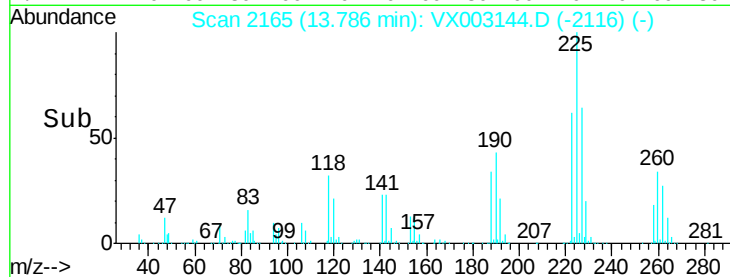
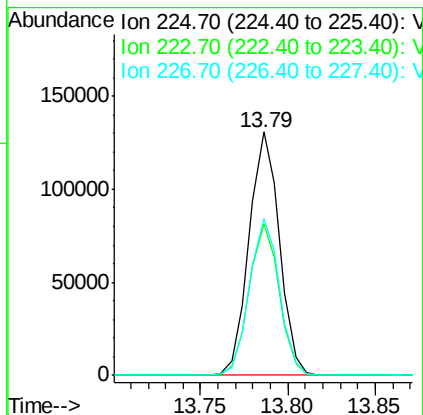
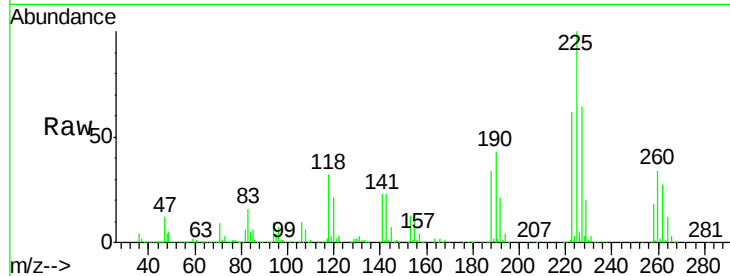
S10-0142MS

Tot Ion:	225	Resp:	157478
Ion Ratio		Lower	Upper
225	100		
223	61.7	31.6	95.0
227	63.8	32.4	97.2

Manual Integrations
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#95

Naphthalene

Concen: 55.067 ug/l

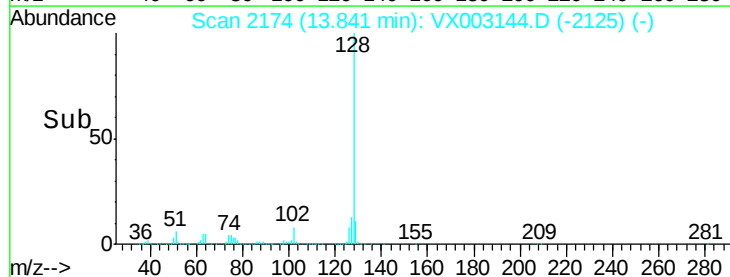
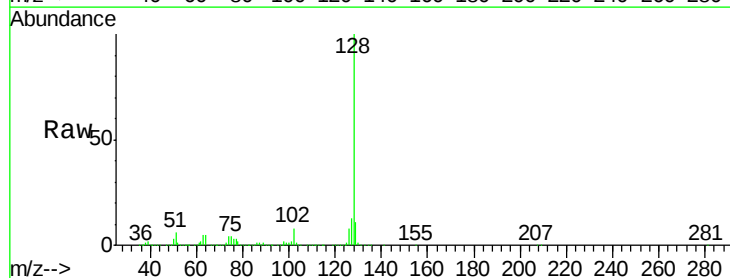
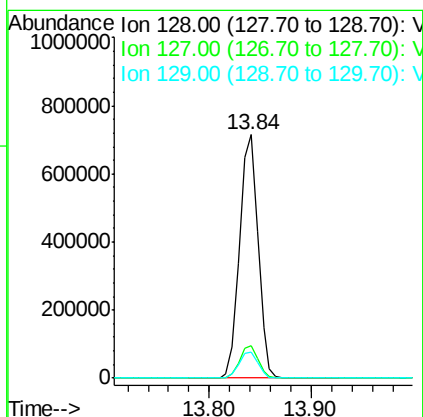
RT: 13.84 min Scan# 2174

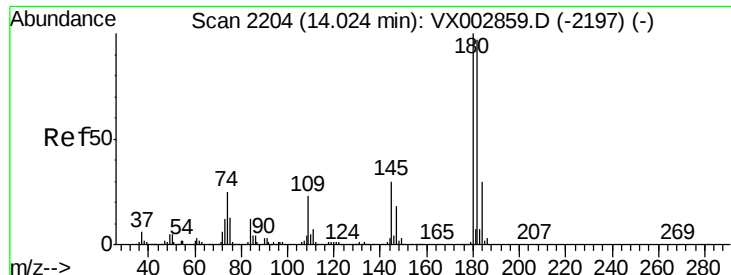
Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Tgt Ion:	128	Resp:	886015
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0





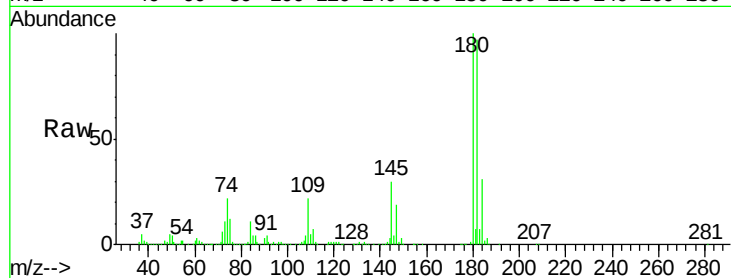
#96
 1,2,3-Trichlorobenzene
 Concen: 53.054 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	48.0	144.0
145	29.6	14.8	44.3

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:53 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

