

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003189.D
 Acq On : 05 Jul 2018 23:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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sam
 7/6/2018 4:20:31 PM

Quant Time: Jul 06 03:31:54 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	266384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161260	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
35) Dibromofluoromethane	5.51	113	136938	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	8.72	98	480057	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	11.14	95	188244	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	128659	54.12	ug/l	98
3) Chloromethane	1.32	50	137037	55.63	ug/l	99
4) Vinyl Chloride	1.40	62	152520	50.63	ug/l	99
5) Bromomethane	1.64	94	62582	44.19	ug/l	99
6) Chloroethane	1.71	64	96560	54.84	ug/l	99
7) Trichlorofluoromethane	1.92	101	238824	47.00	ug/l	97
8) Diethyl Ether	2.19	74	90891	49.20	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138559	47.06	ug/l	96
10) Methyl Iodide	2.51	142	138642	46.87	ug/l	97
11) Tert butyl alcohol	3.08	59	179793	245.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	127137	48.39	ug/l	90
13) Acrolein	2.29	56	102577	252.22	ug/l	100
14) Allyl chloride	2.73	41	243942	47.11	ug/l	94
15) Acrylonitrile	3.15	53	402605	256.98	ug/l	99
16) Acetone	2.45	43	361582	237.13	ug/l	97
17) Carbon Disulfide	2.57	76	335203	47.89	ug/l	99
18) Methyl Acetate	2.78	43	201112	47.17	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	460744	48.78	ug/l	99
20) Methylene Chloride	2.85	84	145888	49.17	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	138509	48.41	ug/l	95
22) Diisopropyl ether	3.88	45	482865	48.78	ug/l	98
23) Vinyl Acetate	3.83	43	2086226	248.89	ug/l	98
24) 1,1-Dichloroethane	3.70	63	262560	48.80	ug/l	99
25) 2-Butanone	4.71	43	607800	268.59	ug/l	98
26) 2,2-Dichloropropane	4.59	77	142349	32.54	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	166026	51.75	ug/l	91
28) Bromochloromethane	5.03	49	121884	47.33	ug/l	92
29) Tetrahydrofuran	5.17	42	392266	270.31	ug/l	96
30) Chloroform	5.22	83	284684	51.56	ug/l	95
31) Cyclohexane	5.57	56	236705	51.26	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	250660	51.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202015	50.25	ug/l	98
37) Ethyl Acetate	4.87	43	232410	53.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	229128	51.94	ug/l	98

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Quant Time: Jul 06 03:31:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238216	50.87	ug/l	96
40) Benzene	6.15	78	613719	52.54	ug/l	99
41) Methacrylonitrile	5.07	41	132660	53.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	229027	48.54	ug/l	98
43) Isopropyl Acetate	6.48	43	371753	51.21	ug/l	97
44) Trichloroethene	7.21	130	178914	51.38	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160518	51.81	ug/l	100
46) Dibromomethane	7.67	93	109577	50.96	ug/l	94
47) Bromodichloromethane	7.90	83	209126	52.61	ug/l	99
48) Methyl methacrylate	7.78	41	195972	52.39	ug/l	94
49) 1,4-Dioxane	7.76	88	79484	1092.23	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1219333	268.47	ug/l	97
52) Toluene	8.79	92	393174	52.54	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	232490	51.64	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	216189	49.91	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	163243	53.09	ug/l	98
56) Ethyl methacrylate	9.19	69	247072	54.98	ug/l	93
57) 1,3-Dichloropropane	9.38	76	266201	52.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	500328	230.78	ug/l	97
59) 2-Hexanone	9.50	43	923474	267.53	ug/l	96
60) Dibromochloromethane	9.59	129	177770	54.92	ug/l	100
61) 1,2-Dibromoethane	9.68	107	172987	53.64	ug/l	99
64) Tetrachloroethene	9.34	164	209829	54.24	ug/l	99
65) Chlorobenzene	10.14	112	456570	51.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172594	53.77	ug/l	100
67) Ethyl Benzene	10.26	91	764486	52.37	ug/l	100
68) m/p-Xylenes	10.36	106	600017	106.65	ug/l	97
69) o-Xylene	10.70	106	290622	53.05	ug/l	98
70) Styrene	10.71	104	491527	55.22	ug/l	98
71) Bromoform	10.86	173	144611	49.87	ug/l	99
73) Isopropylbenzene	11.02	105	793990	53.10	ug/l	99
74) N-amyl acetate	6.48	43	371753	50.81	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	239399	51.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	240532m	59.74	ug/l	
77) Bromobenzene	11.26	156	221716	52.06	ug/l	96
78) n-propylbenzene	11.36	91	881987	51.82	ug/l	98
79) 2-Chlorotoluene	11.43	91	528348	51.27	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	665605	52.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60798	44.23	ug/l	96
82) 4-Chlorotoluene	11.51	91	619743	50.80	ug/l	98
83) tert-Butylbenzene	11.77	119	651716	52.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	682830	52.33	ug/l	98
85) sec-Butylbenzene	11.95	105	787455	52.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	722776	53.39	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	403510	51.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408521	51.04	ug/l	99
89) n-Butylbenzene	12.39	91	587506	49.86	ug/l	98
90) Hexachloroethane	12.60	117	109856	54.56	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	411205	52.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55988	54.07	ug/l	92

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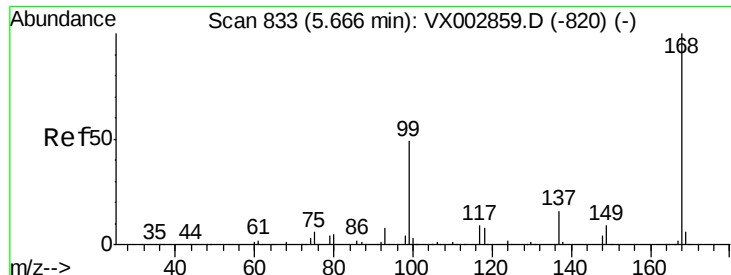
Manual Integrations
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Quant Time: Jul 06 03:31:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	299181	52.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	145293	50.99	ug/l	99
95) Naphthalene	13.84	128	869168	57.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320379	56.14	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 266384

Ion Ratio Lower Upper

168 100

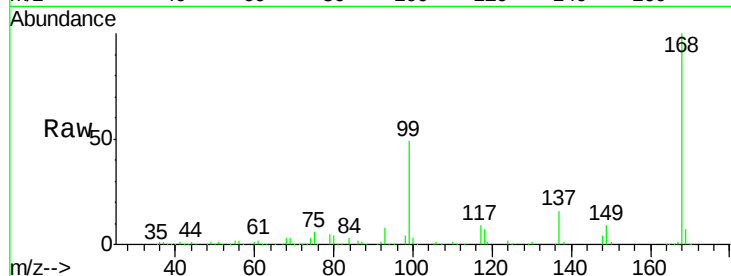
99 48.6 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

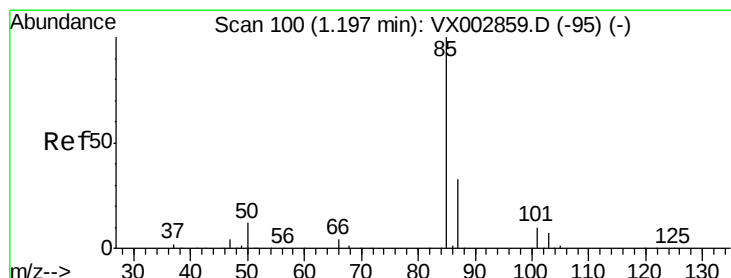
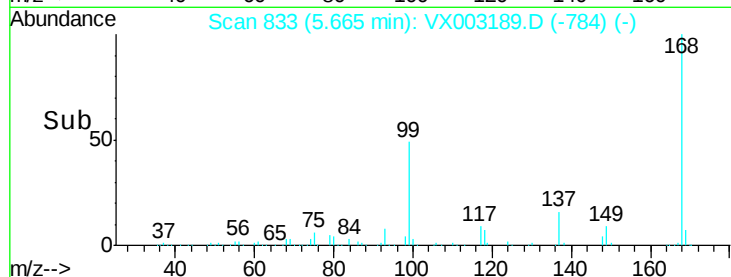
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003189.D

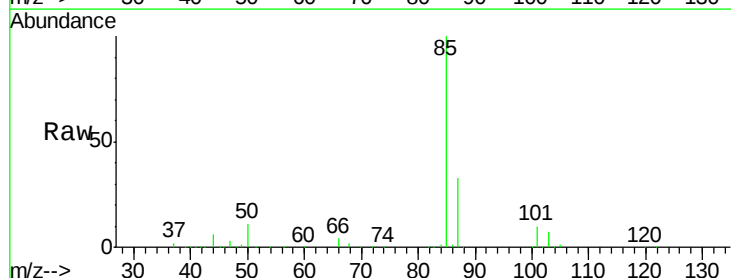
Acq: 05 Jul 2018 23:14

Tgt Ion: 85 Resp: 128659

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

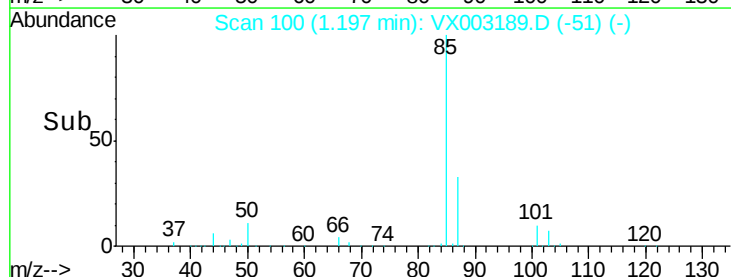
100000

50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 55.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 137037

Ion Ratio Lower Upper

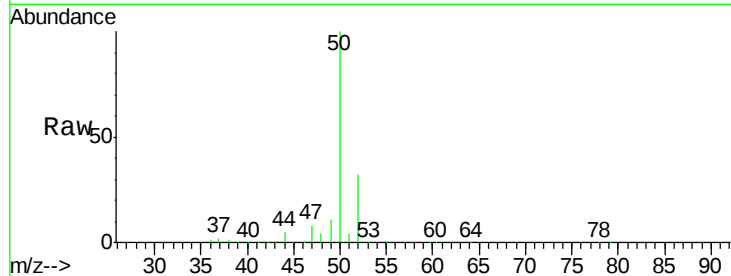
50 100

52 32.4 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

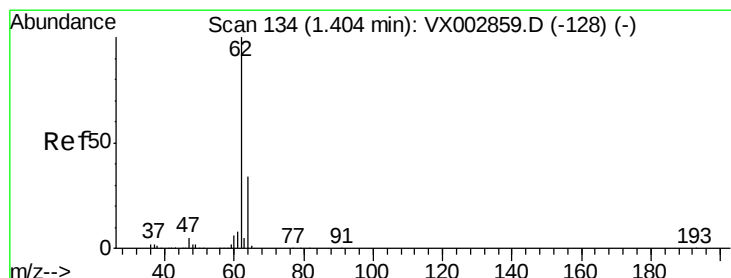
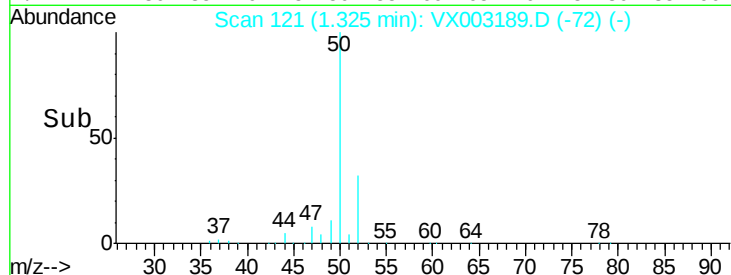
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003189.D

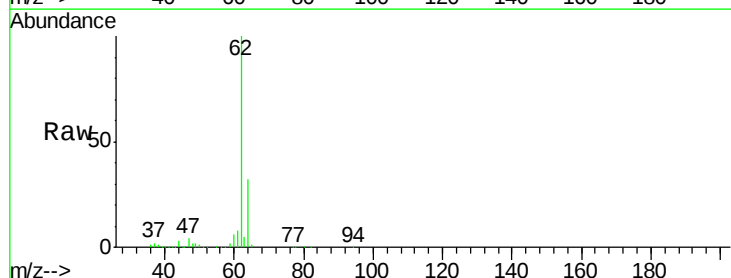
Acq: 05 Jul 2018 23:14

Tgt Ion: 62 Resp: 152520

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

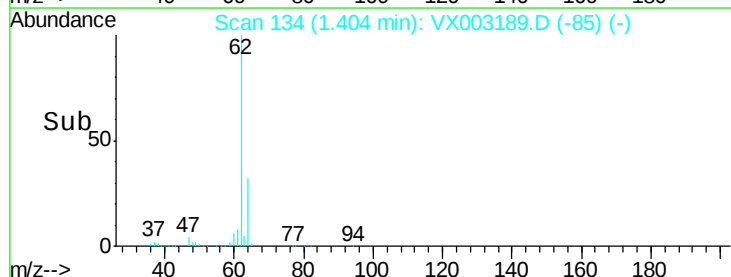
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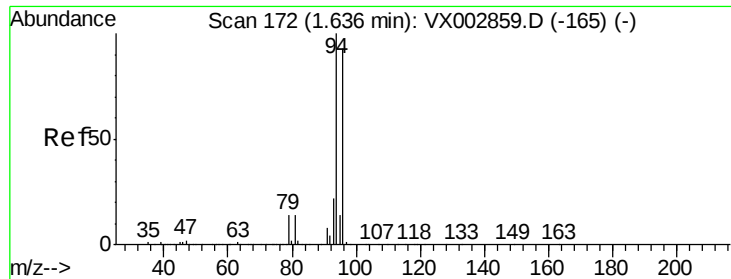
100000

50000

0

Time-->





#5

Bromomethane

Concen: 44.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 62582

Ion Ratio Lower Upper

94 100

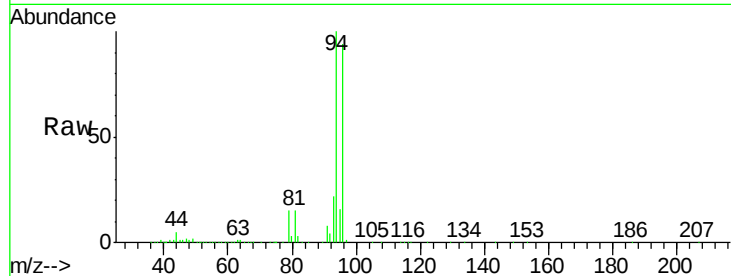
96 94.4 74.9 112.3

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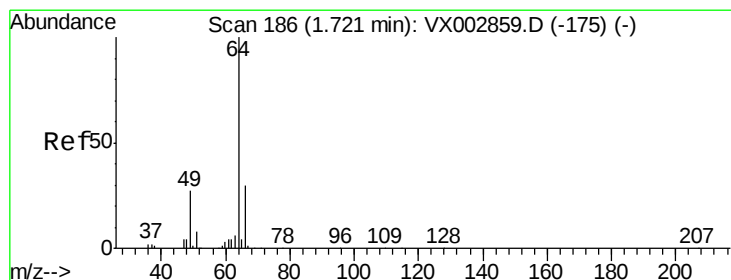
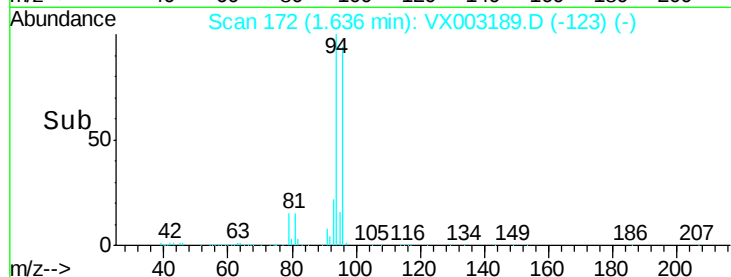
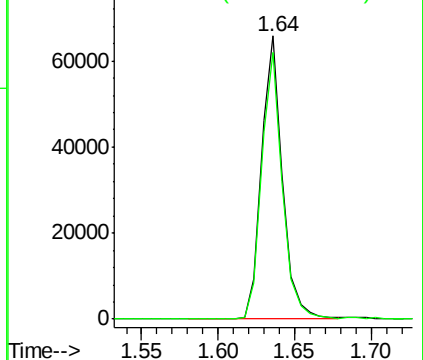
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.84 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003189.D

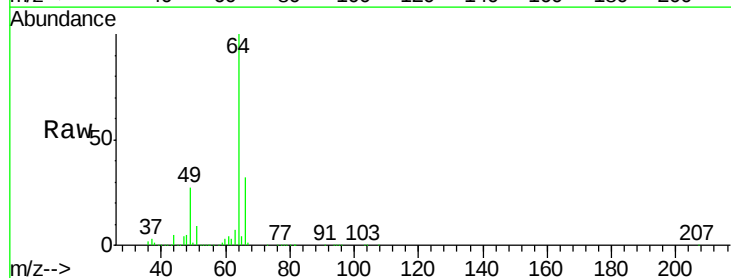
Acq: 05 Jul 2018 23:14

Tgt Ion: 64 Resp: 96560

Ion Ratio Lower Upper

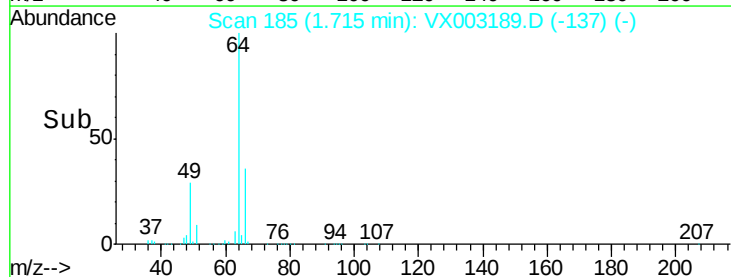
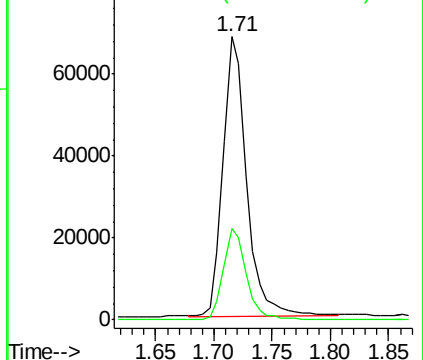
64 100

66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

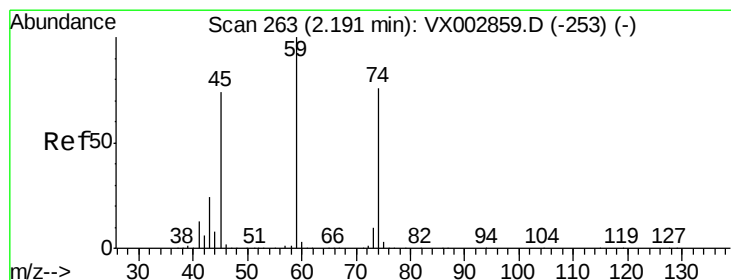
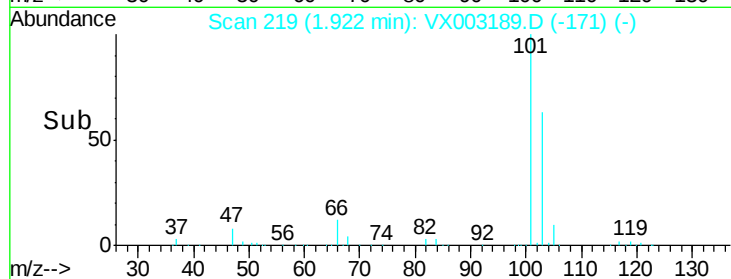
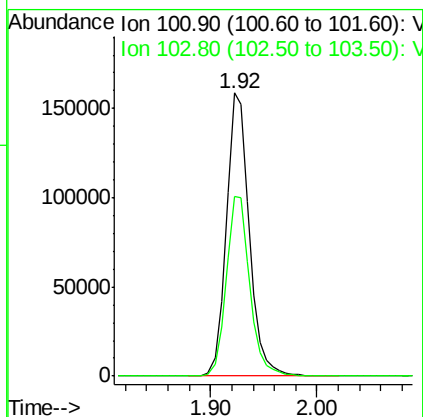
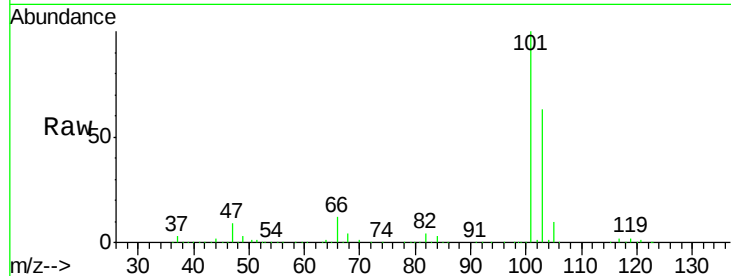
Trichlorofluoromethane
Concen: 47.00 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.8	79.2

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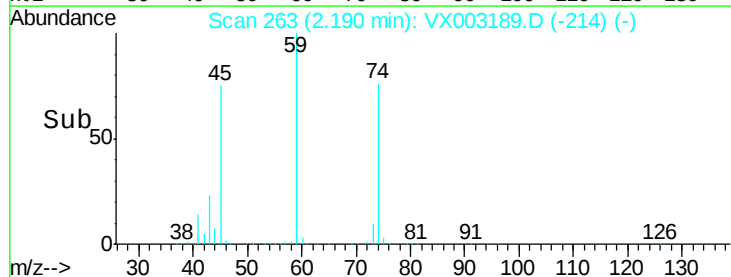
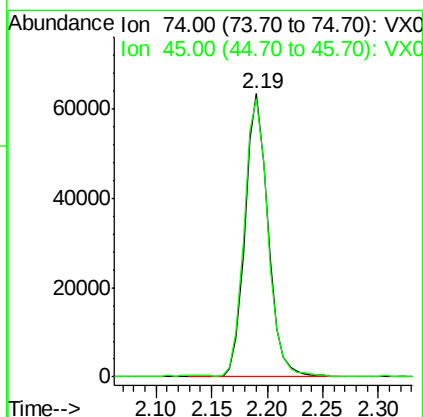
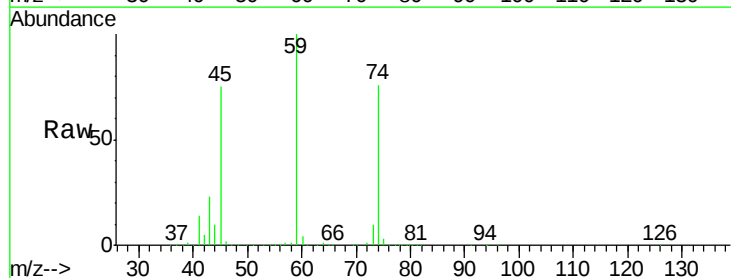
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#8

Diethyl Ether
Concen: 49.20 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.06 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

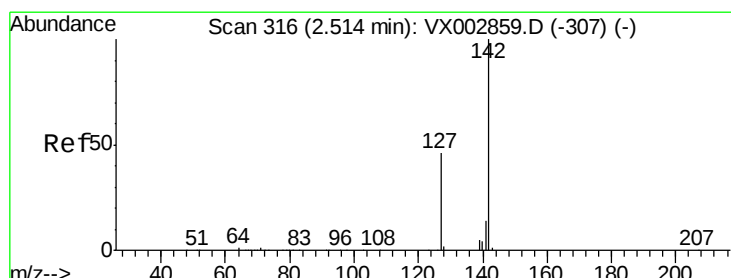
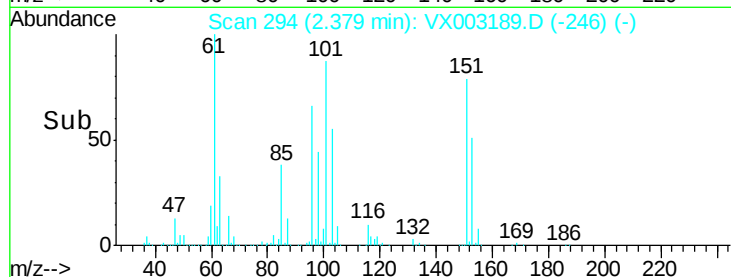
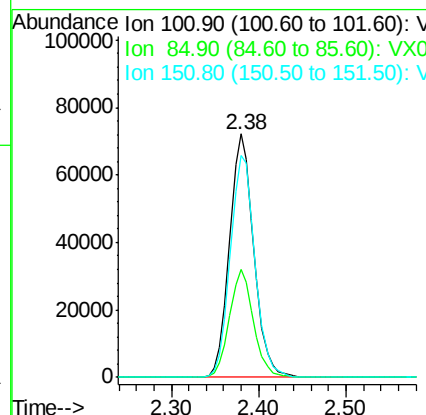
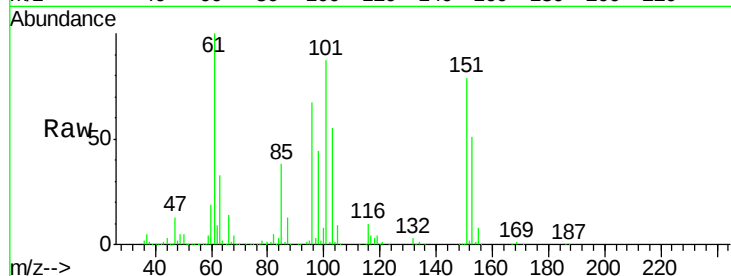
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	138559
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	93.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 46.87 ug/l

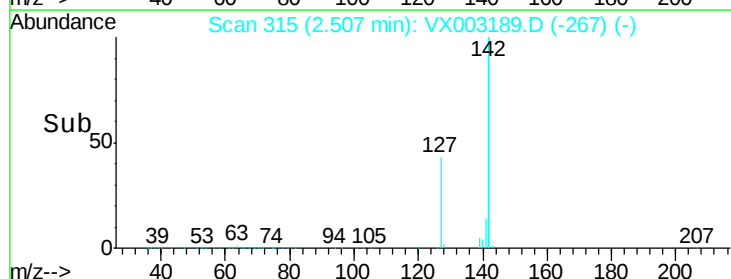
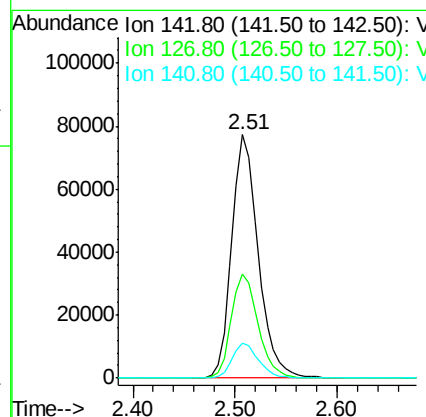
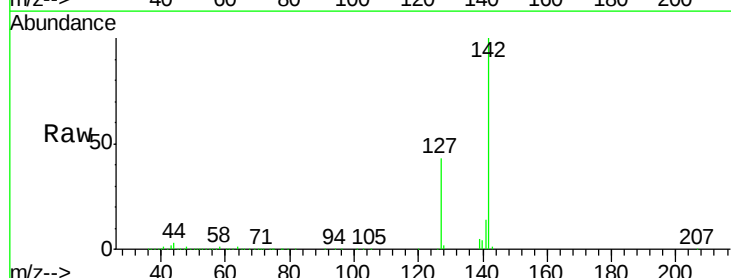
RT: 2.51 min Scan# 315

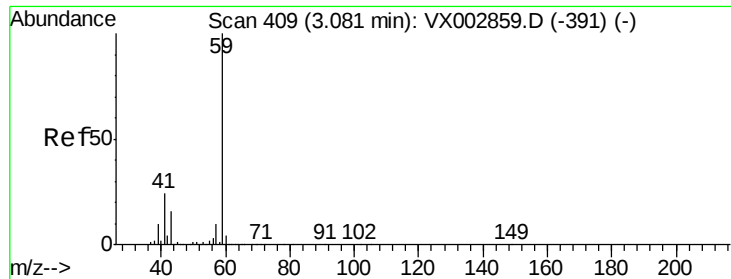
Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	142	Resp:	138642
Ion Ratio	Lower	Upper	
142	100		
127	43.4	36.6	55.0
141	14.4	11.3	16.9





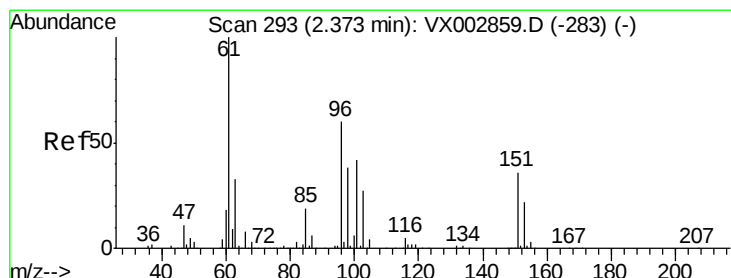
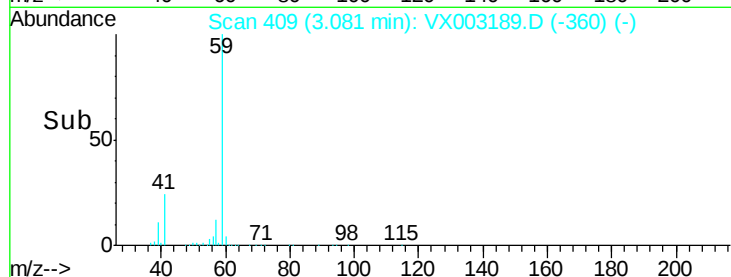
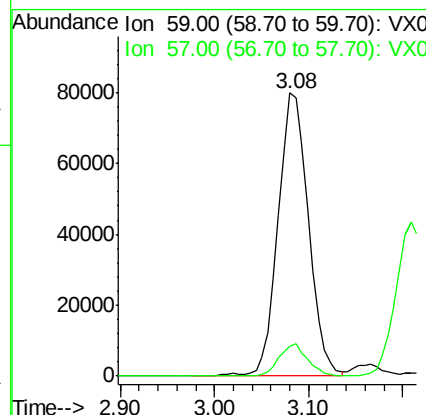
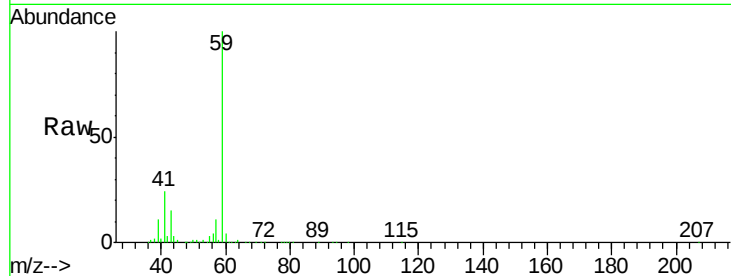
#11
Tert butyl alcohol
Concen: 245.12 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 179793
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

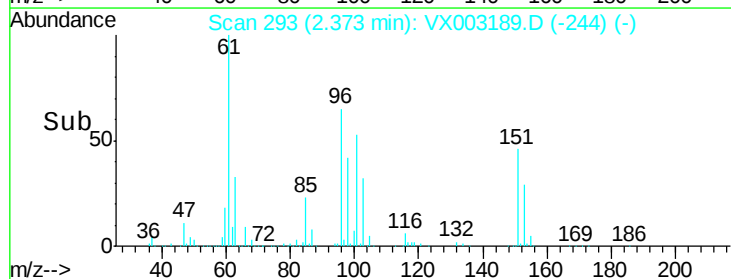
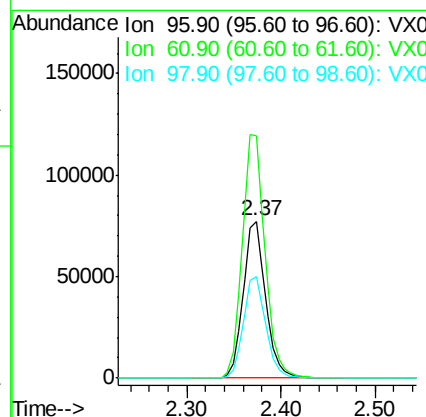
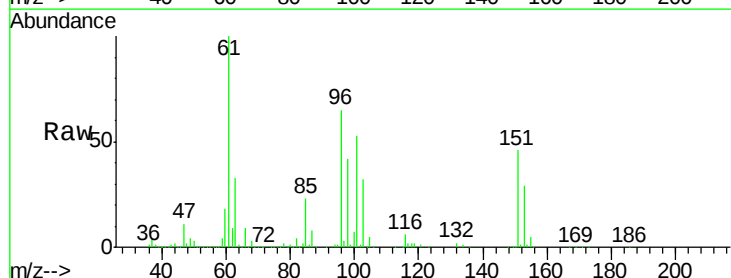
Manual Integrations
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sam
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#12
1,1-Dichloroethene
Concen: 48.39 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 96 Resp: 127137
Ion Ratio Lower Upper
96 100
61 154.5 137.9 206.9
98 65.1 51.6 77.4





#13

Acrolein

Concen: 252.22 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 102577

Ion Ratio Lower Upper

56 100

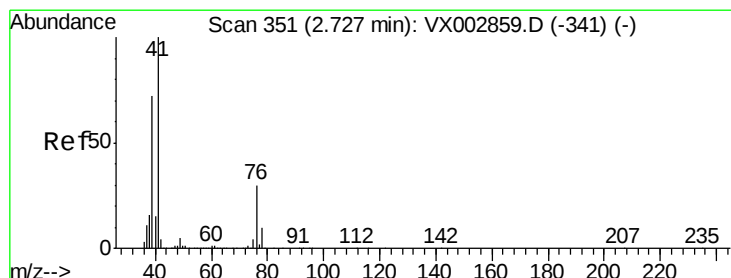
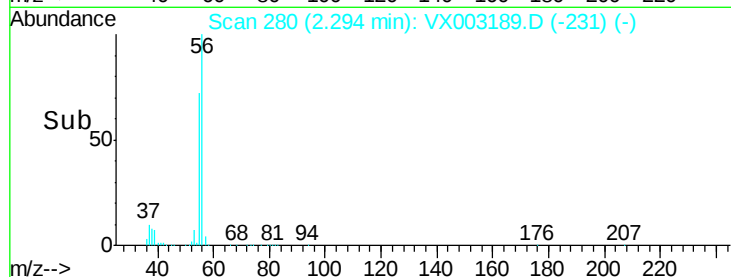
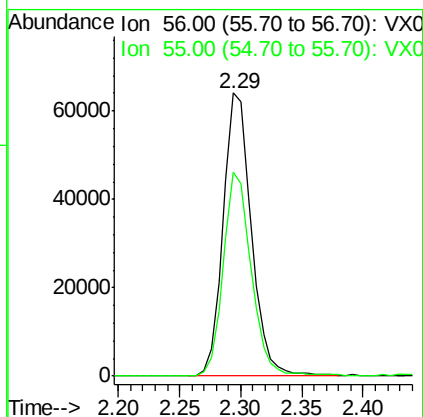
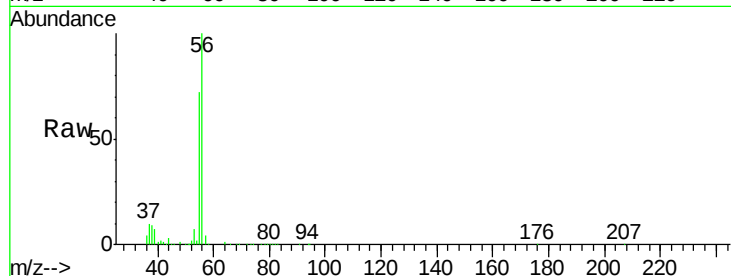
55 70.8 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 47.11 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

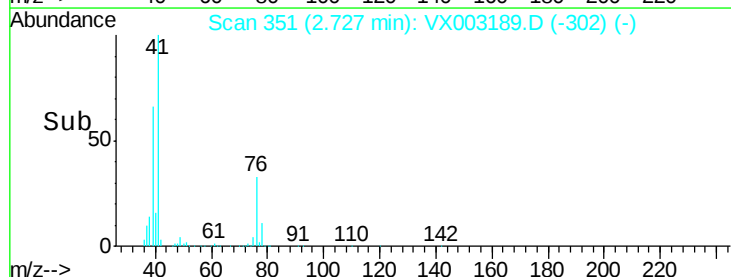
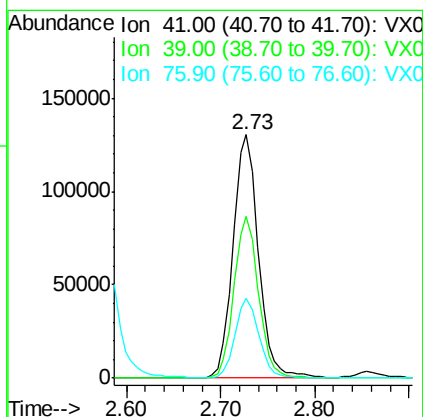
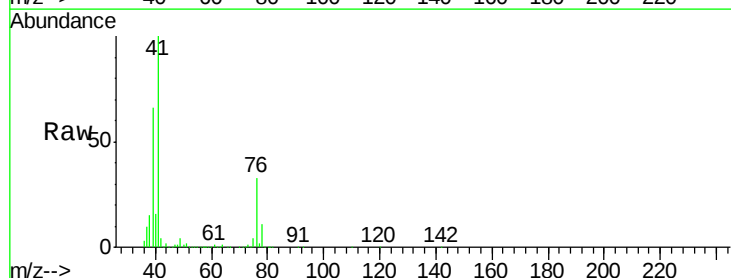
Tgt Ion: 41 Resp: 243942

Ion Ratio Lower Upper

41 100

39 64.0 56.8 85.2

76 30.7 23.8 35.8





#15

Acrylonitrile

Concen: 256.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

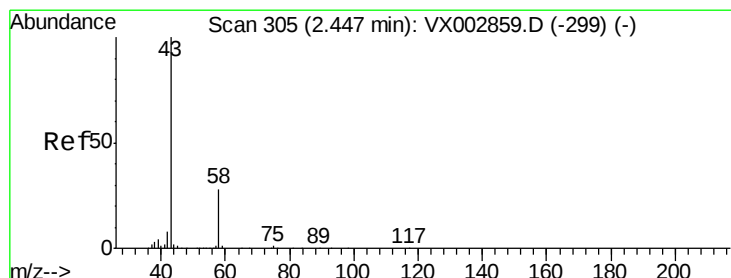
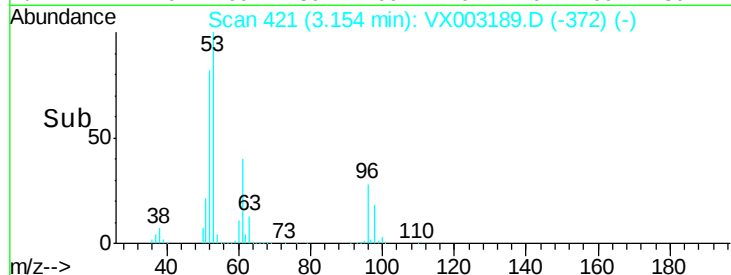
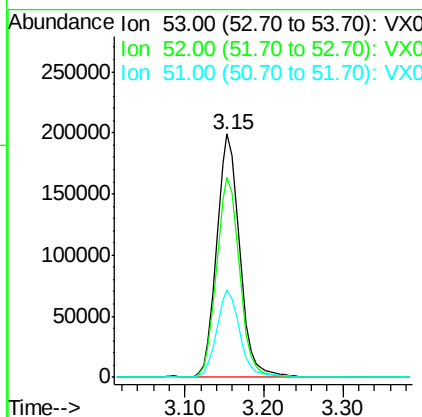
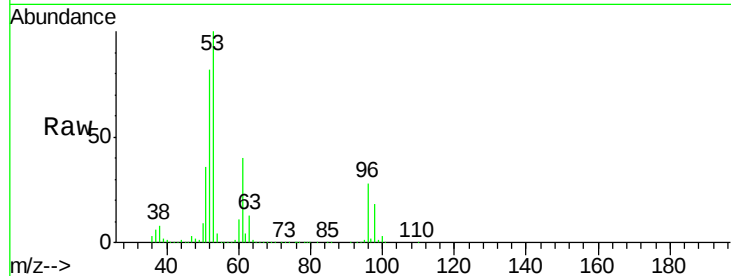
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	402605
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.7	100.1
51	36.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 237.13 ug/l

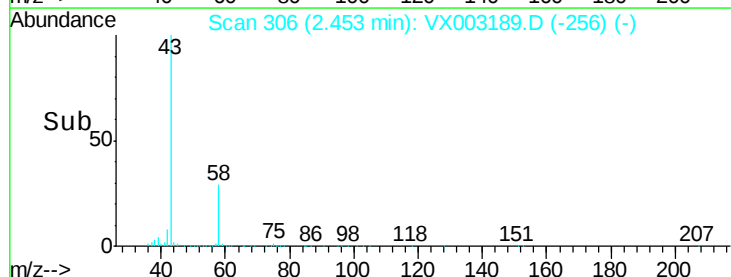
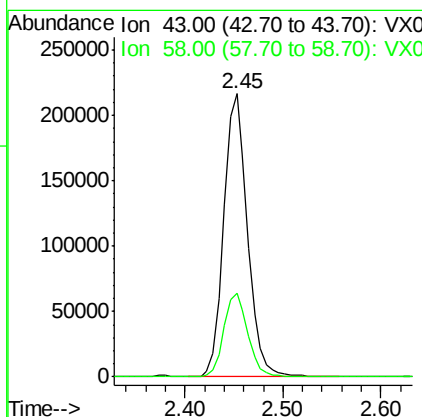
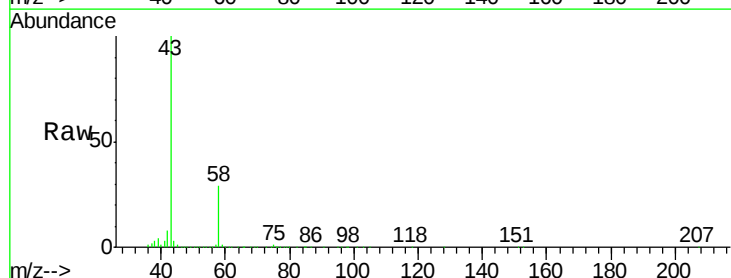
RT: 2.45 min Scan# 306

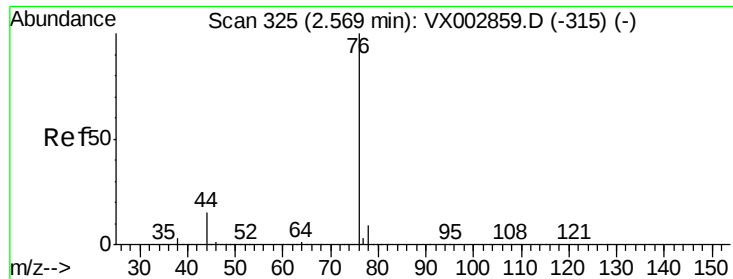
Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	43	Resp:	361582
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.1	33.1





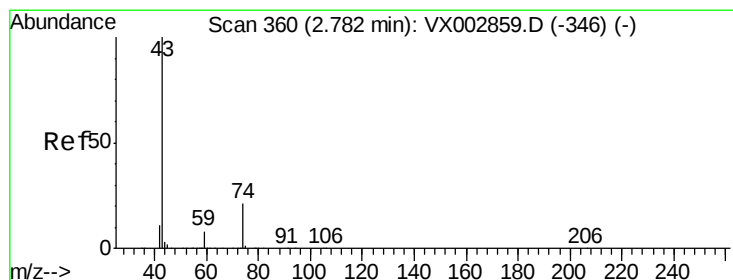
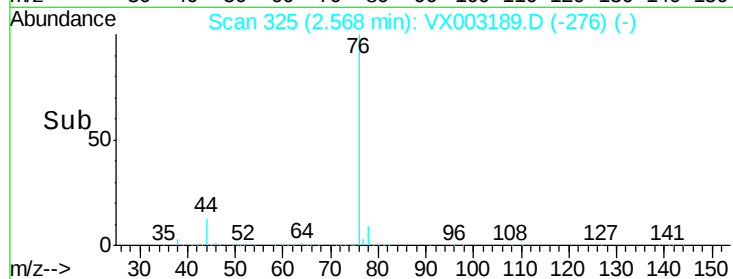
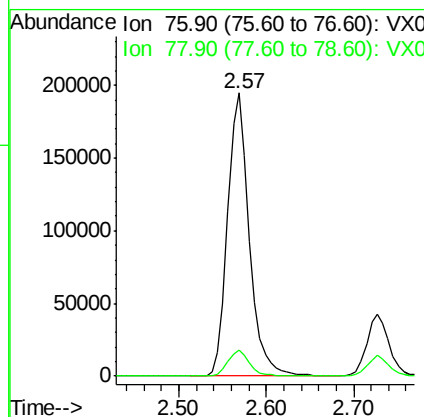
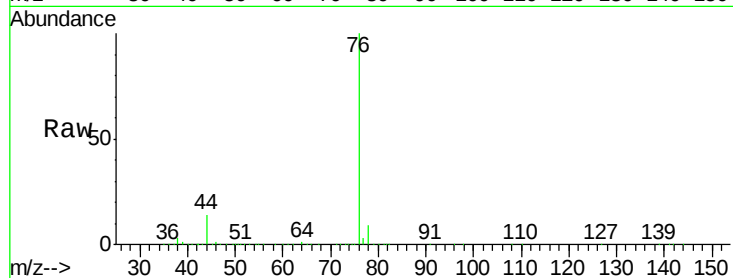
#17
Carbon Disulfide
Concen: 47.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

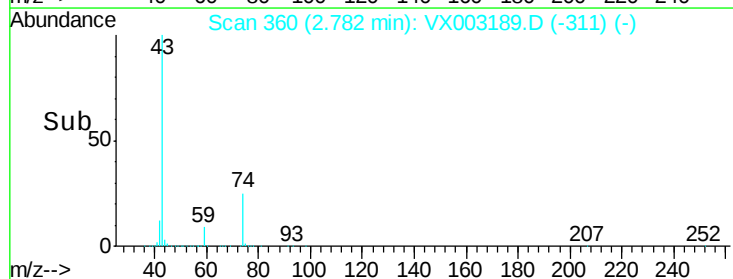
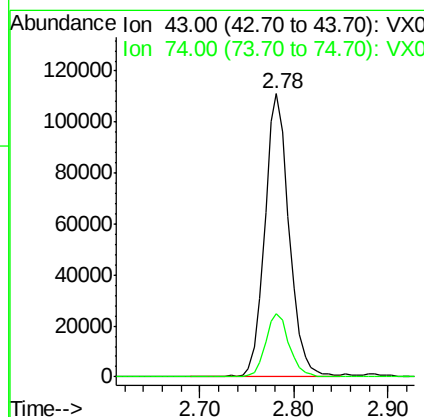
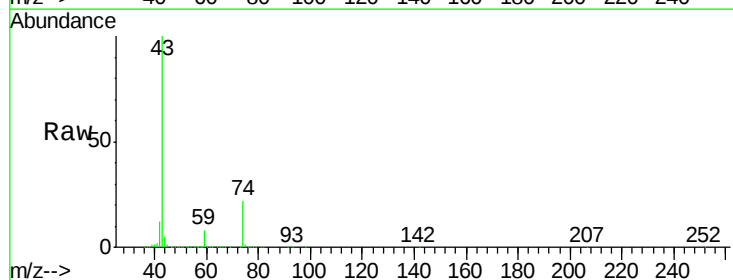
Manual Integrations
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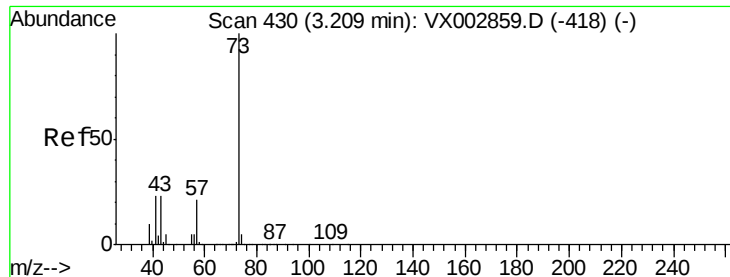
Sam
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#18
Methyl Acetate
Concen: 47.17 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1





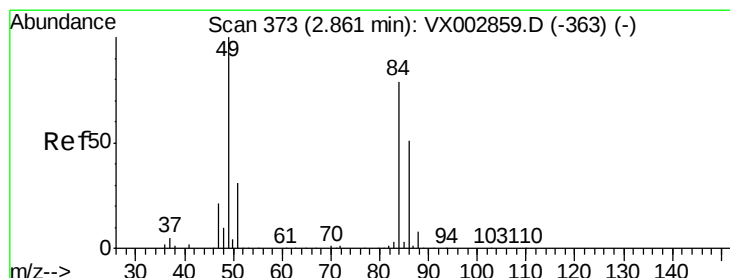
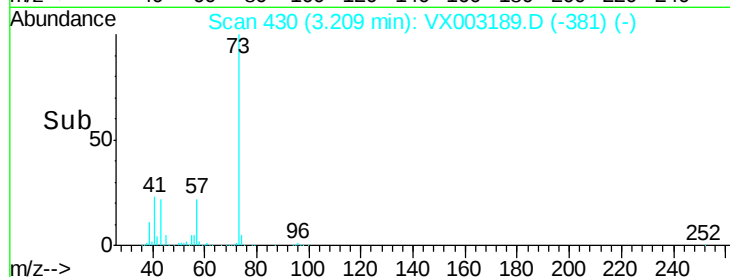
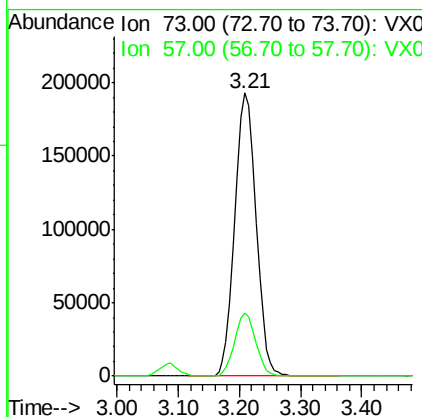
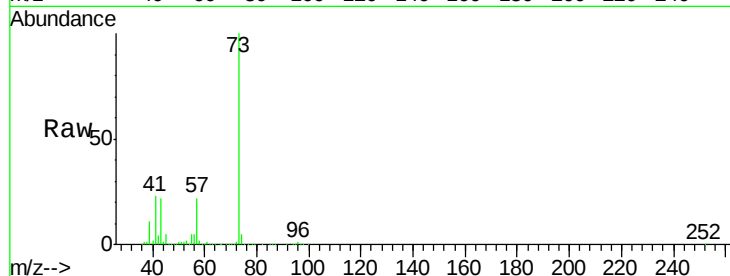
#19
Methvl tert-butvl Ether
Concen: 48.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 460744
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

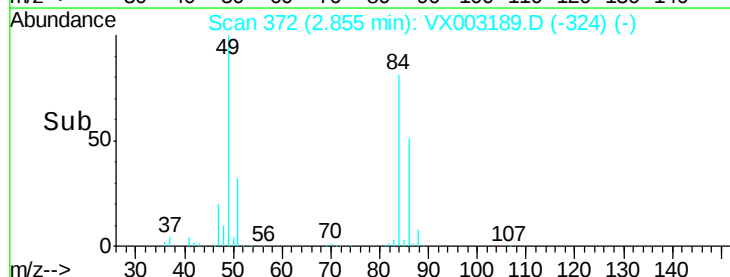
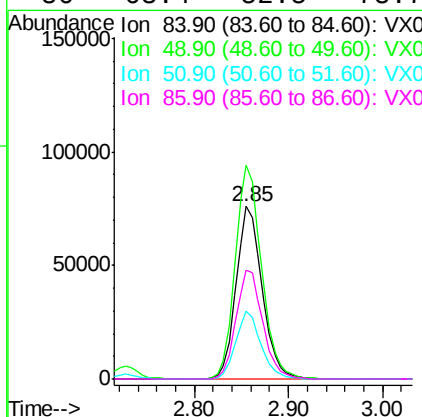
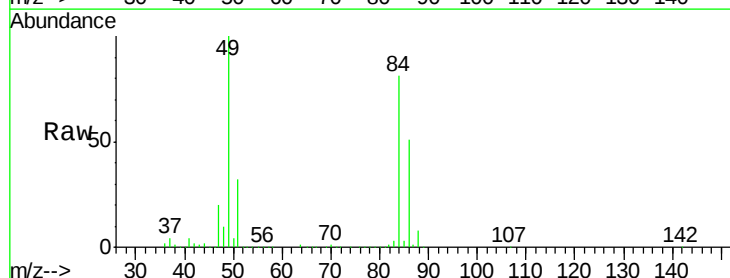
Manual Integrations
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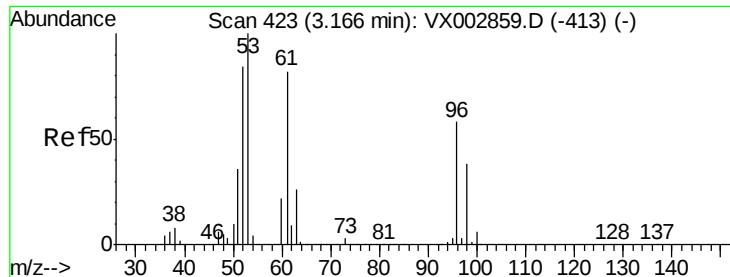
sam
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#20
Methylene Chloride
Concen: 49.17 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 84 Resp: 145888
Ion Ratio Lower Upper
84 100
49 123.7 107.8 161.6
51 39.0 32.8 49.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.41 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 138509

Ion Ratio Lower Upper

96 100

61 139.4 117.0 175.4

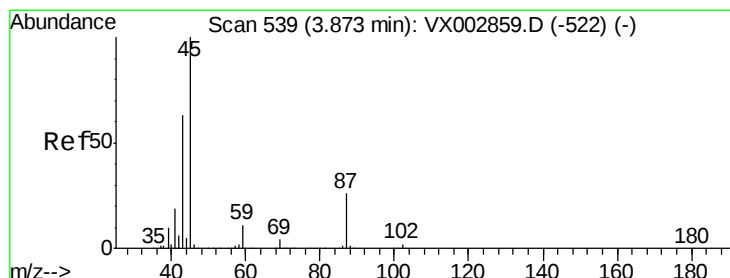
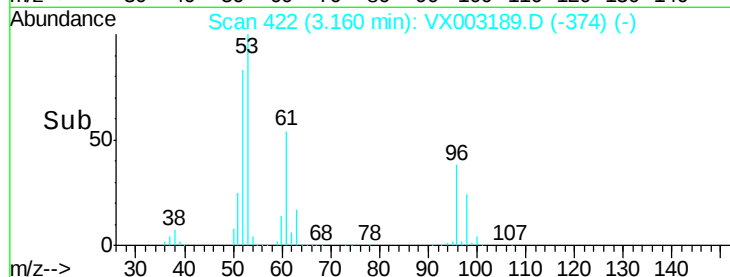
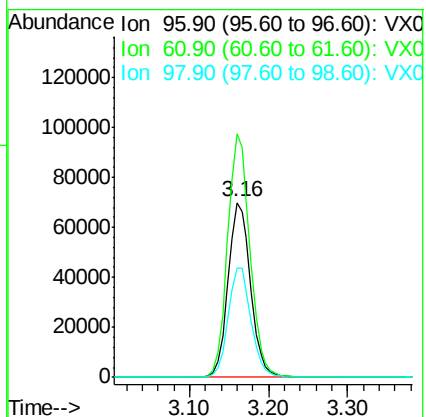
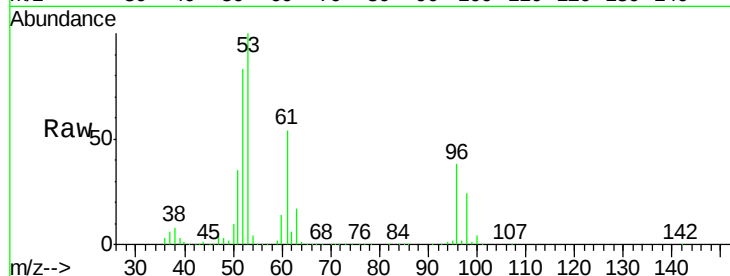
98 62.8 52.4 78.6

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#22

Diisopropyl ether

Concen: 48.78 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion: 45 Resp: 482865

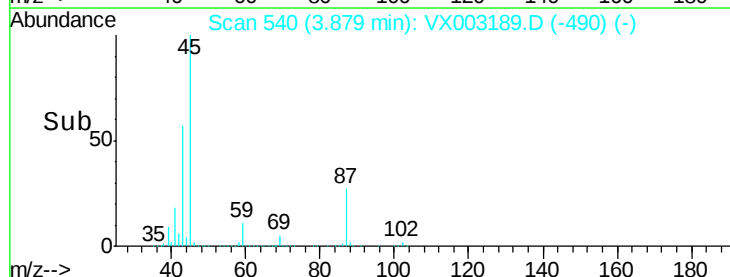
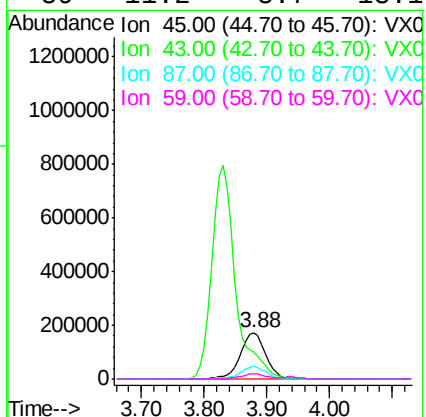
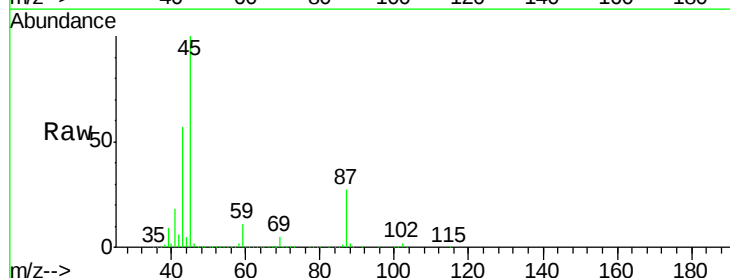
Ion Ratio Lower Upper

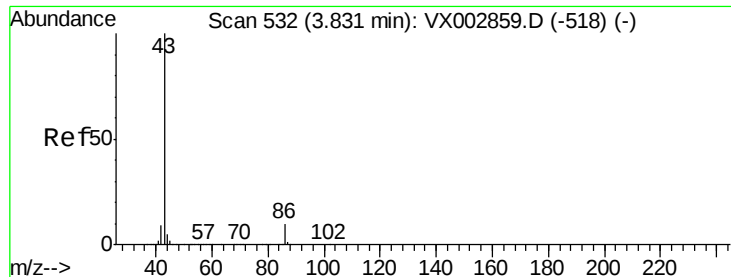
45 100

43 56.8 46.8 70.2

87 27.0 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 248.89 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tot Ion: 43 Resp: 2086226

Ion Ratio Lower Upper

43 100

86 9.9 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

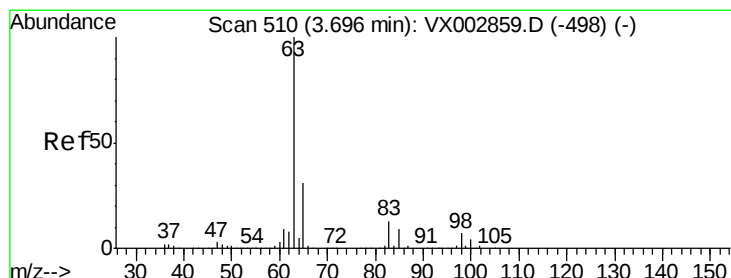
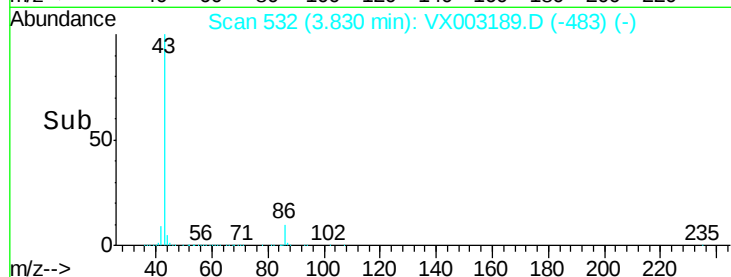
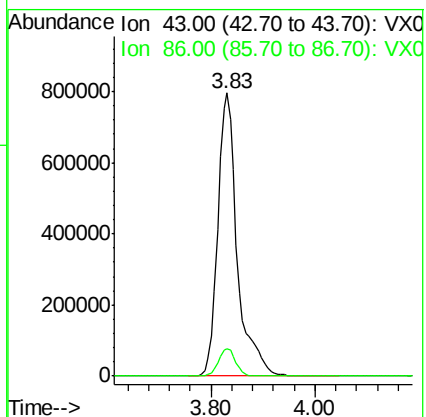
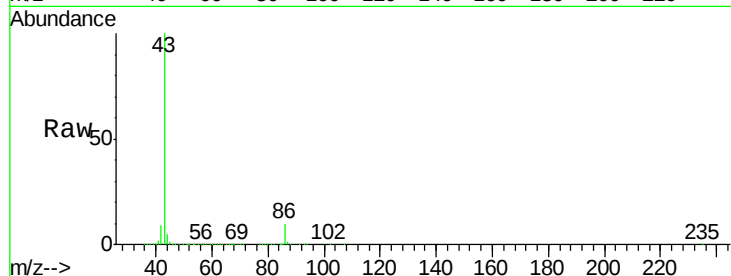
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 48.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

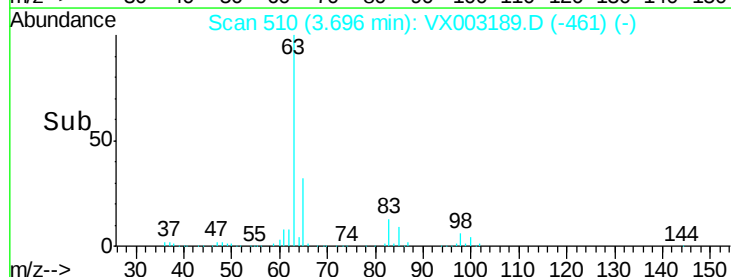
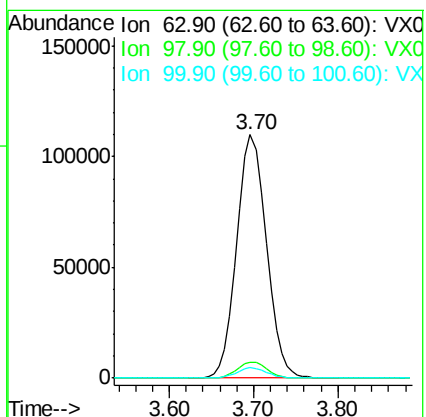
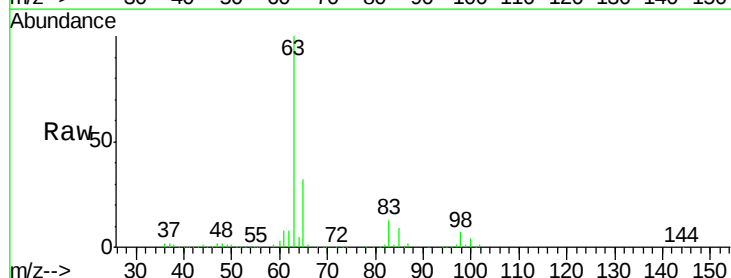
Tgt Ion: 63 Resp: 262560

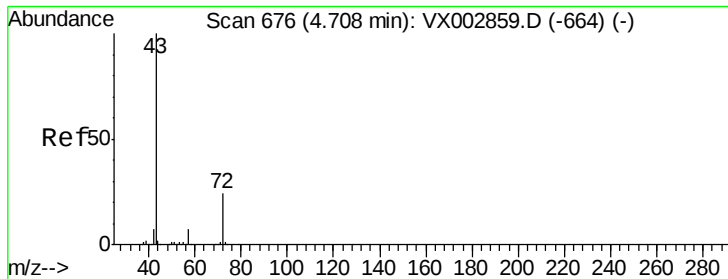
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 268.59 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tot Ion: 43 Resp: 607800

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7

Instrument :

MSVOA_X

ClientSampleId :

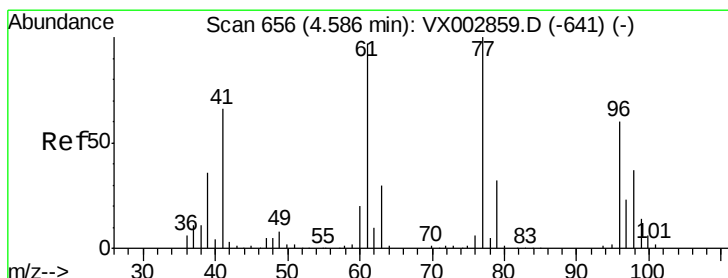
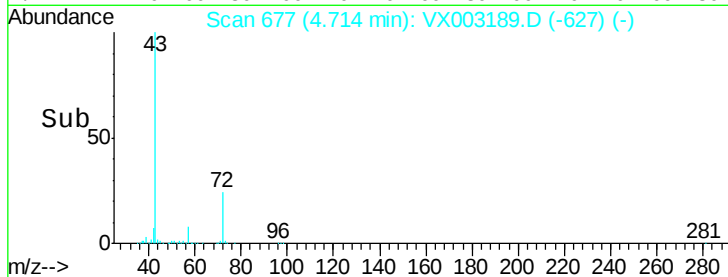
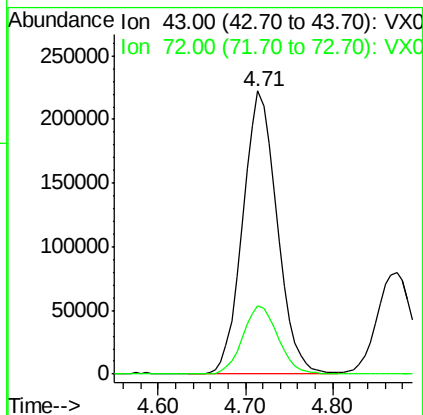
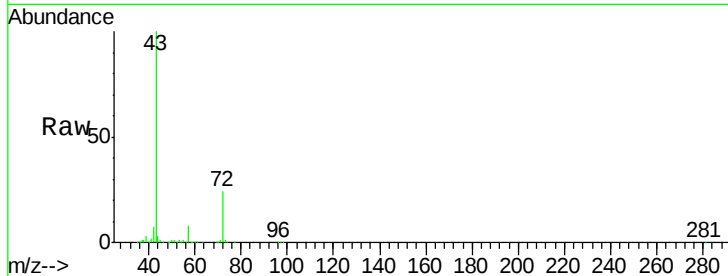
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 32.54 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003189.D

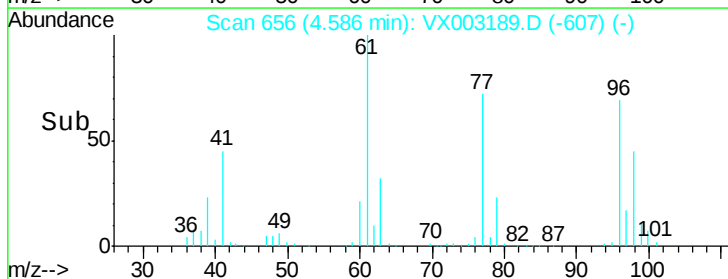
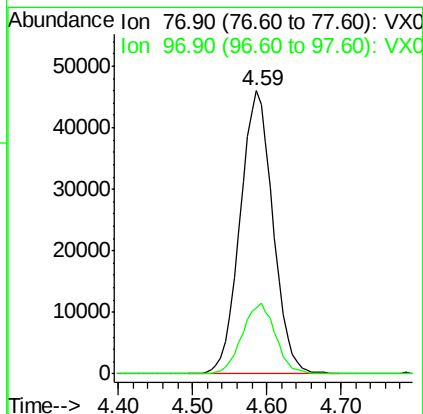
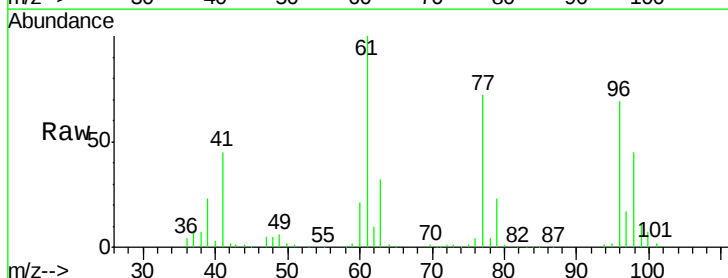
Acq: 05 Jul 2018 23:14

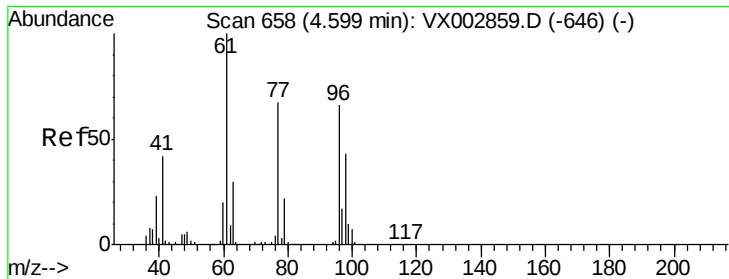
Tgt Ion: 77 Resp: 142349

Ion Ratio Lower Upper

77 100

97 25.1 11.2 33.5





#27

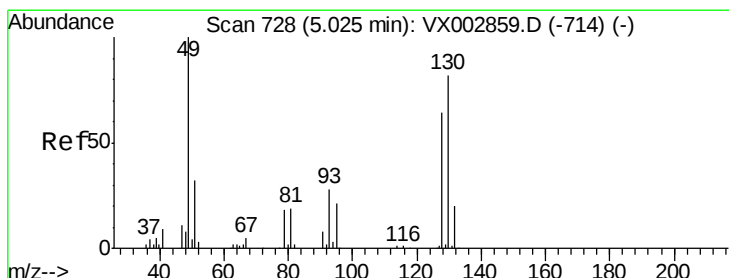
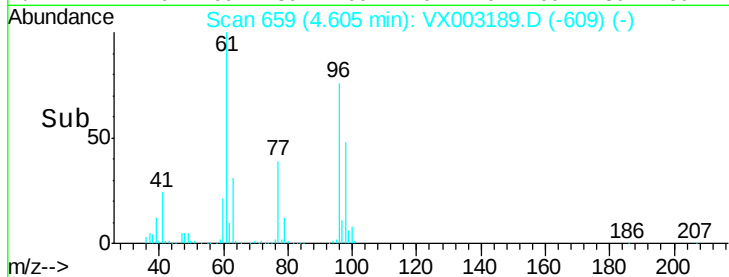
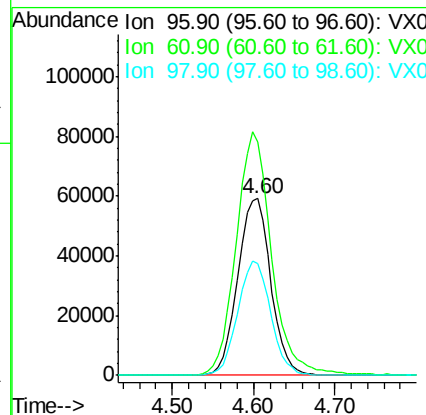
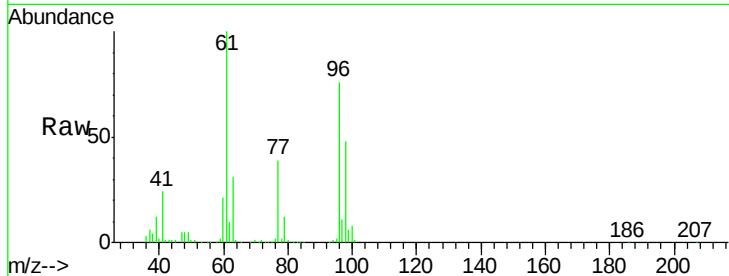
cis-1,2-Dichloroethene
 Concen: 51.75 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166026		
61	147.9	0.0	330.2	
98	64.5	0.0	130.2	

Manual Integrations
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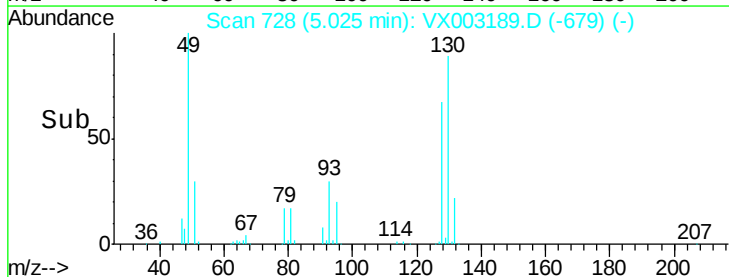
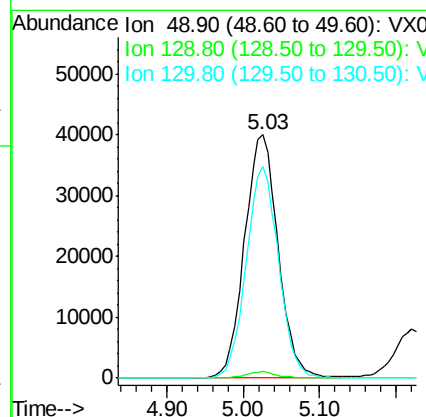
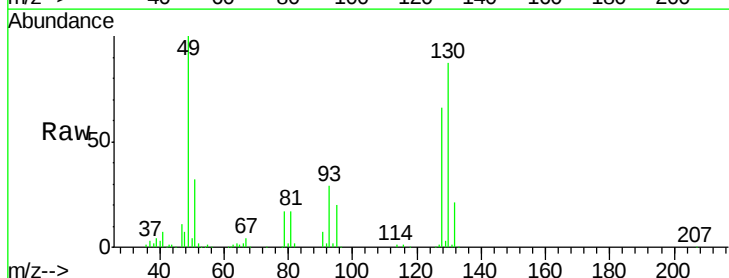
sam
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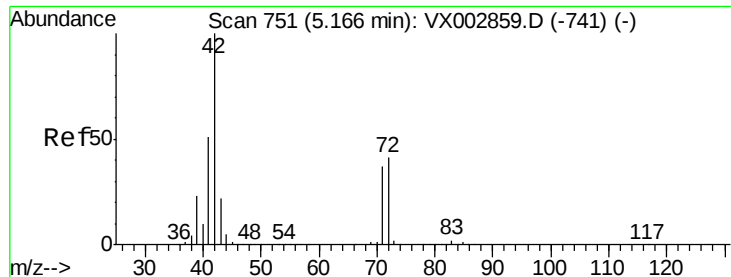


#28

Bromochloromethane
 Concen: 47.33 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121884		
129	2.3	0.0	4.2	
130	83.9	61.2	91.8	





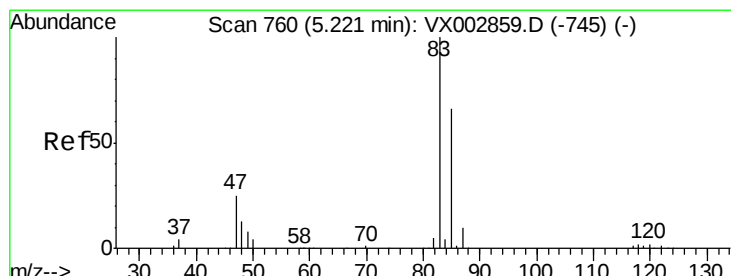
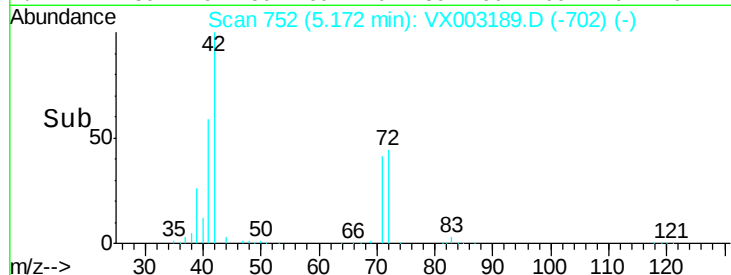
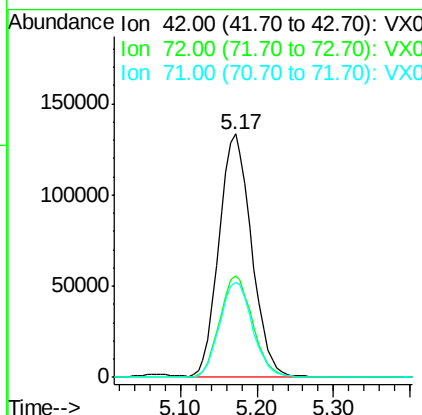
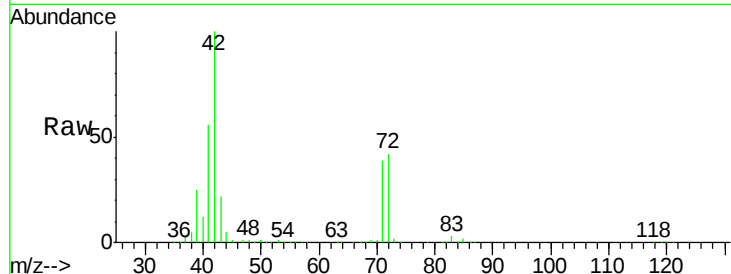
#29
Tetrahydrofuran
Concen: 270.31 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	392266
Ion Ratio	Lower	Upper	
42	100		
72	42.3	32.0	48.0
71	39.6	30.1	45.1

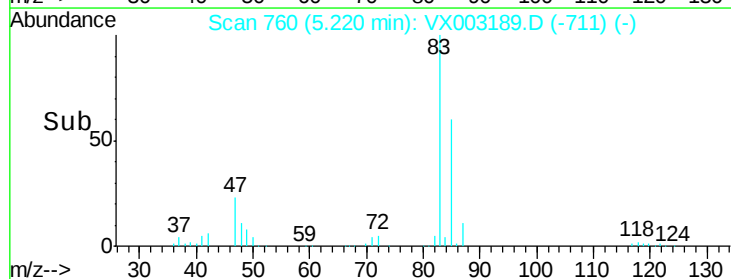
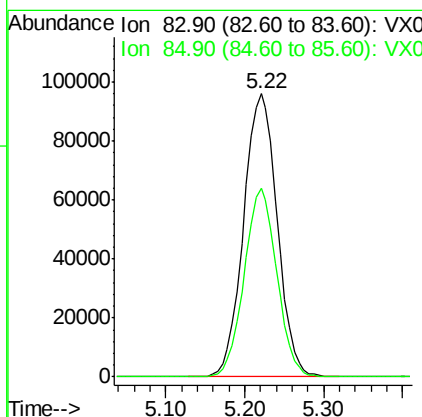
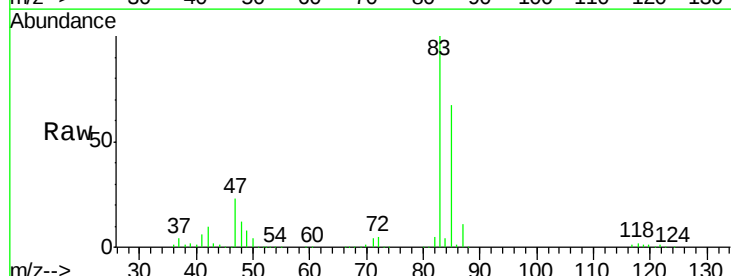
Manual Integrations
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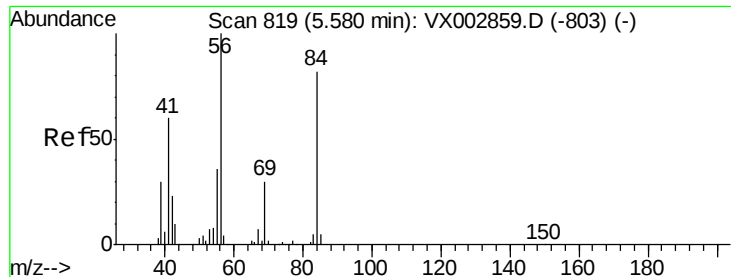
sam
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#30
Chloroform
Concen: 51.56 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:	83	Resp:	284684
Ion Ratio	Lower	Upper	
83	100		
85	66.6	50.4	75.6





#31

Cyclohexane

Concen: 51.26 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

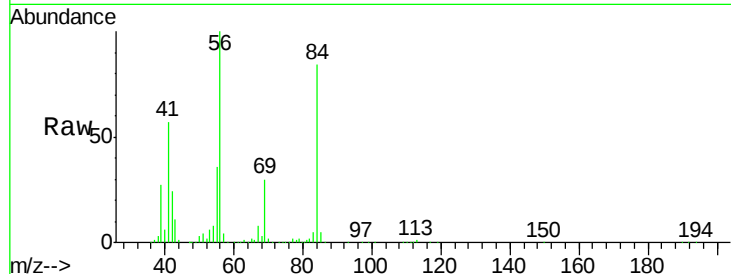
ClientSampled :

VSTDCCC050

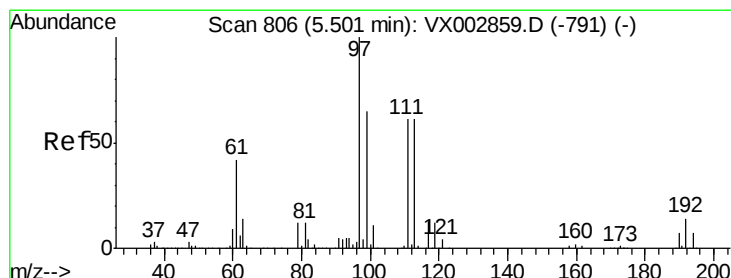
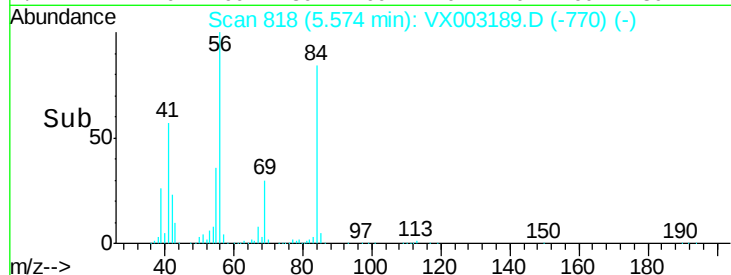
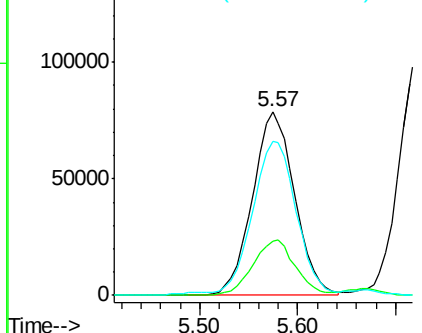
Tot Ion:	56	Resp:	236705
Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.7	35.5
84	82.5	64.1	96.1

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.60 ug/l

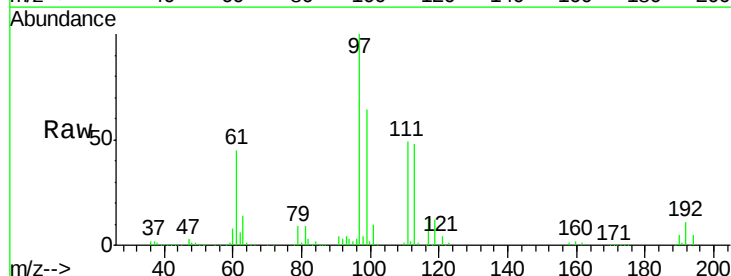
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

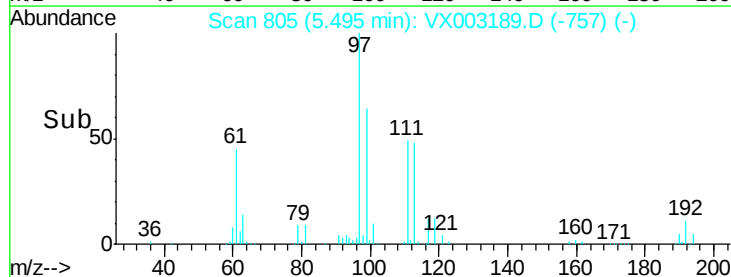
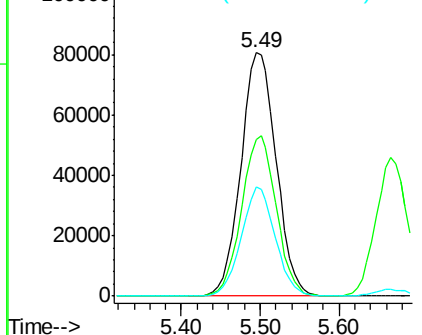
Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	97	Resp:	250660
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.4	36.4	54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





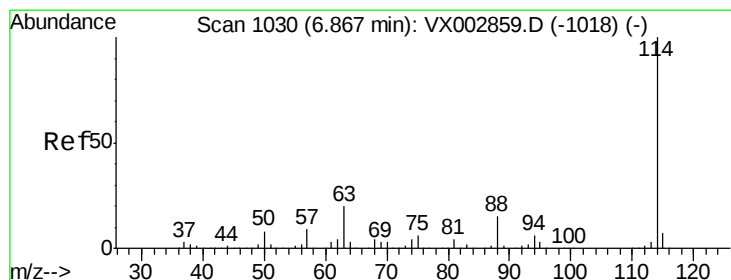
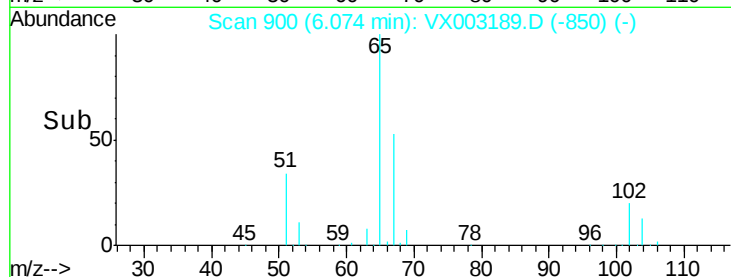
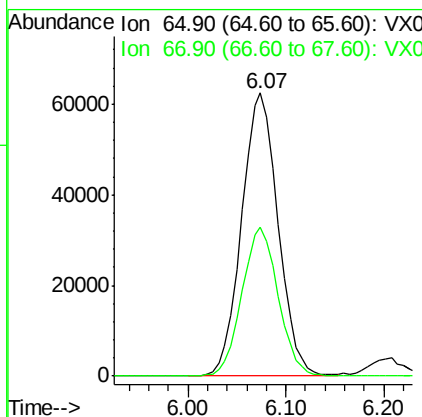
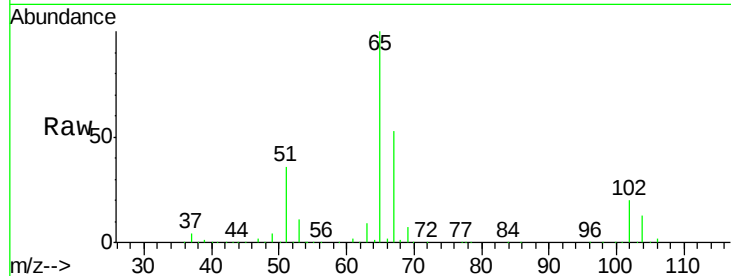
#33
 1,2-Dichloroethane-d4
 Concen: 43.80 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161260		
67	52.4	0.0	102.6	

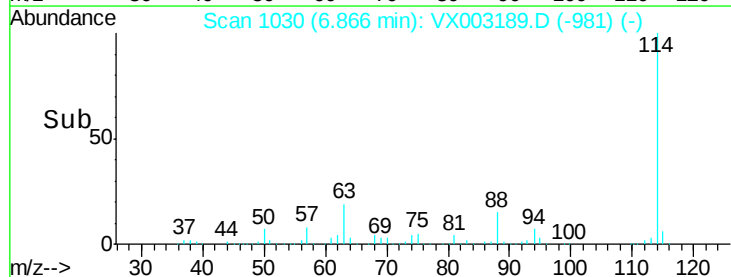
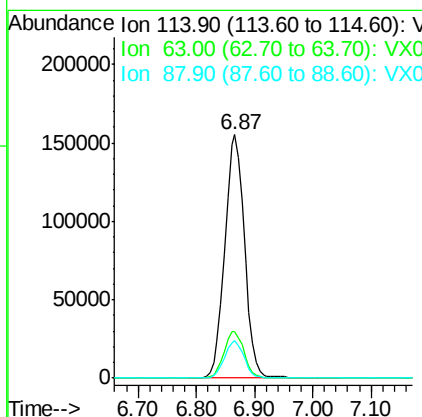
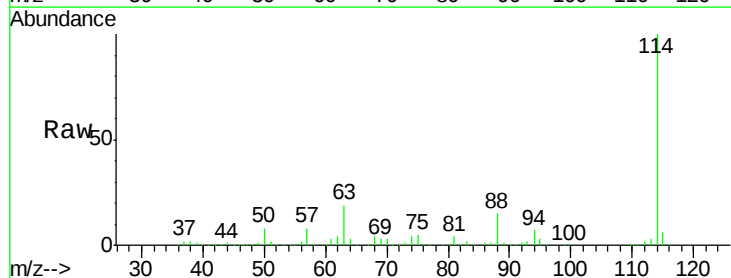
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	366585		
63	19.4	0.0	41.4	
88	15.2	0.0	30.0	





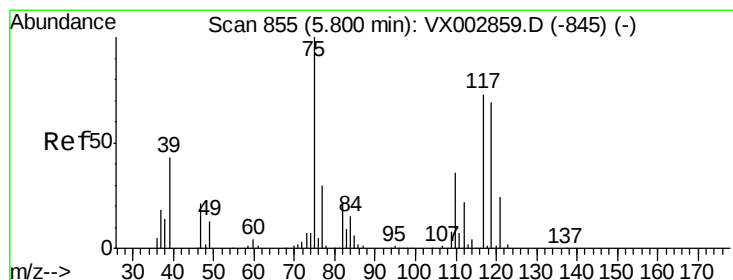
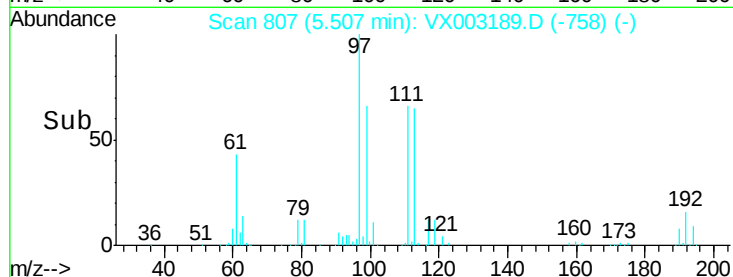
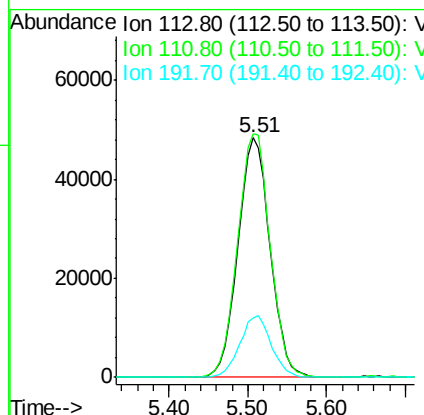
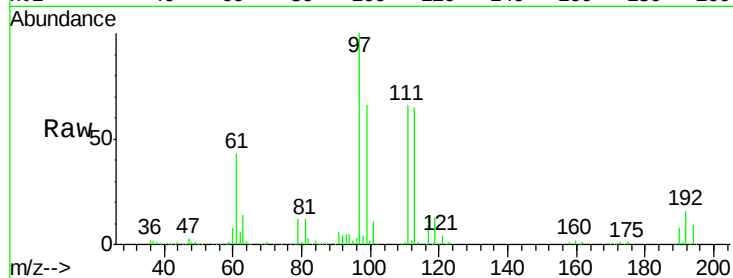
#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136938		
111	103.3	81.4	122.0	
192	25.1	19.1	28.7	

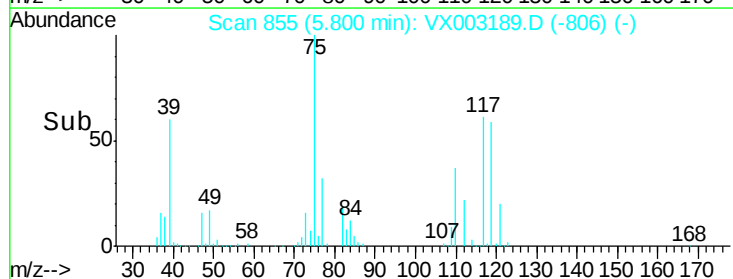
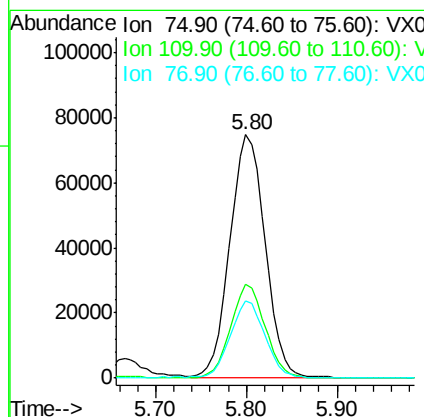
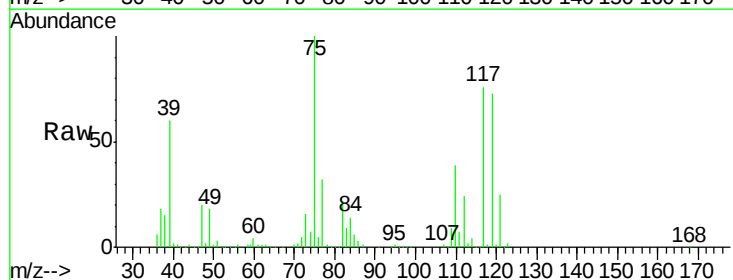
Manual Integrations
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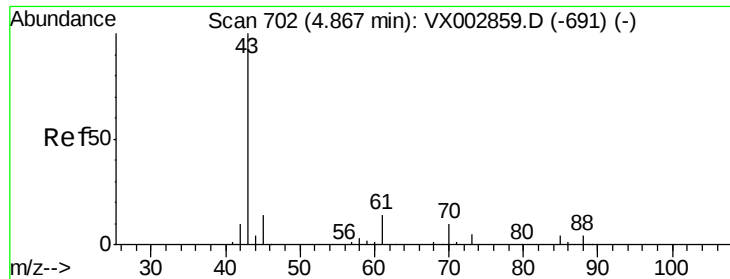
sam
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#36
1,1-Dichloropropene
Concen: 50.25 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202015		
110	37.8	18.1	54.4	
77	31.0	24.3	36.5	





#37

Ethyl Acetate

Concen: 53.69 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

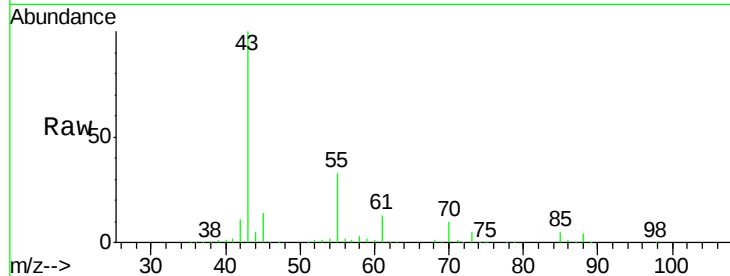
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	232410
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.2	7.6	11.4

Manual Integrations
APPROVED

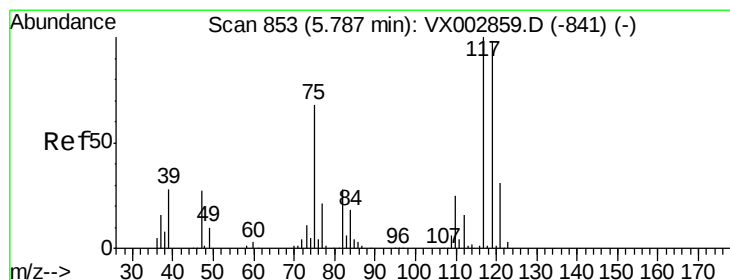
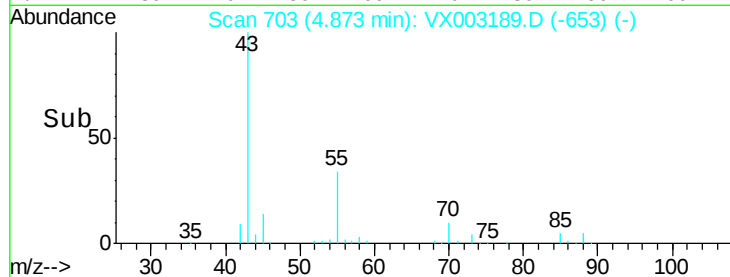
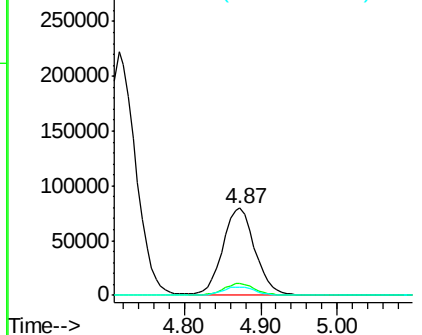
sam
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Abundance Ion 43.00 (42.70 to 43.70): VX003189.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX003189.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX003189.D (-691) (-)



#38

Carbon Tetrachloride

Concen: 51.94 ug/l

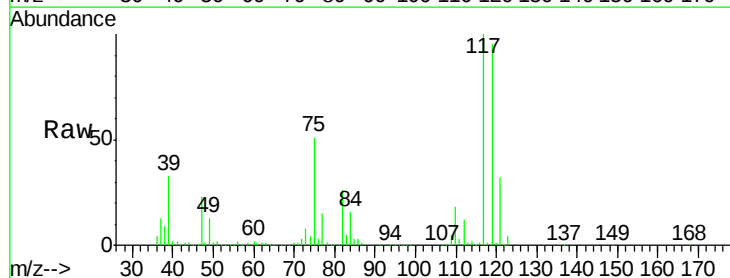
RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

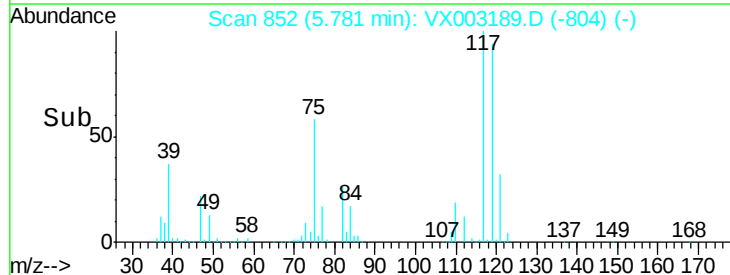
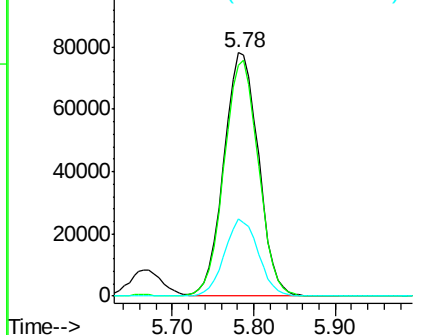
Tgt Ion:	117	Resp:	229128
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
121	31.7	24.4	36.6

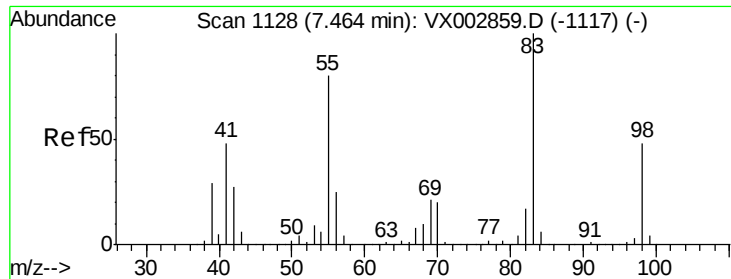


Abundance Ion 116.80 (116.50 to 117.50): VX003189.D (-841) (-)

Ion 118.80 (118.50 to 119.50): VX003189.D (-841) (-)

Ion 120.80 (120.50 to 121.50): VX003189.D (-841) (-)





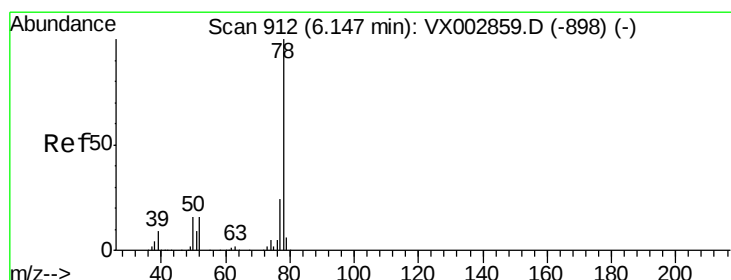
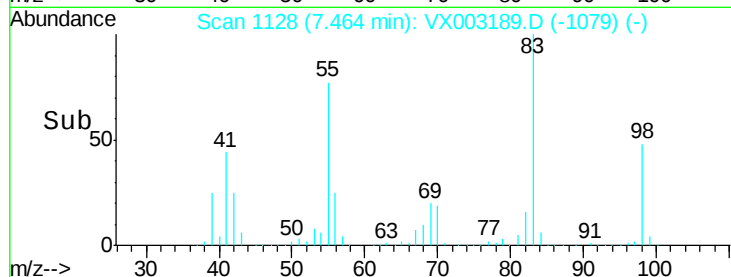
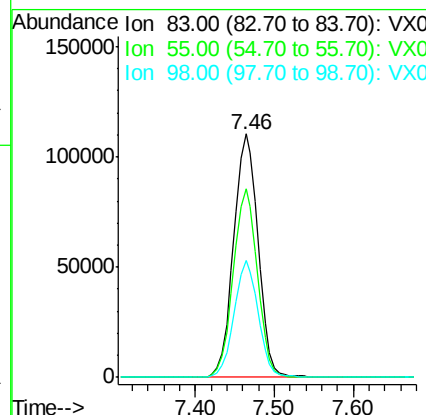
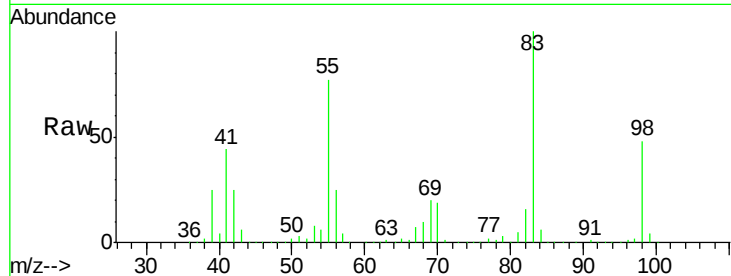
#39
Methvlcvclohexane
Concen: 50.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	238216		
55	77.4	65.4	98.0	
98	47.8	37.4	56.0	

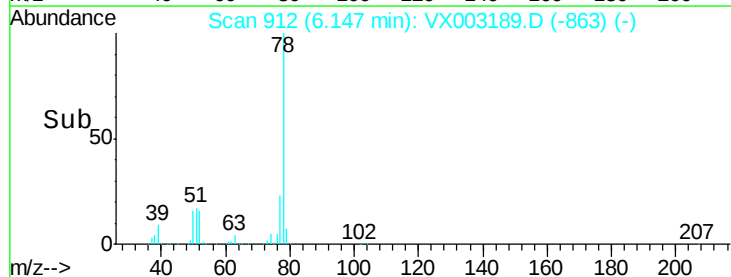
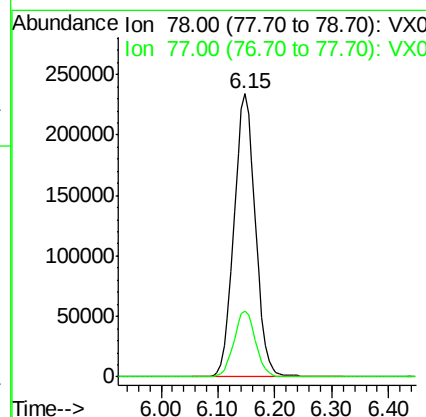
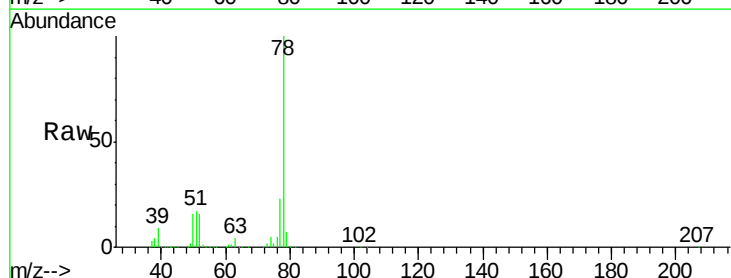
Manual Integrations
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#40
Benzene
Concen: 52.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	613719		
77	23.4	19.1	28.7	





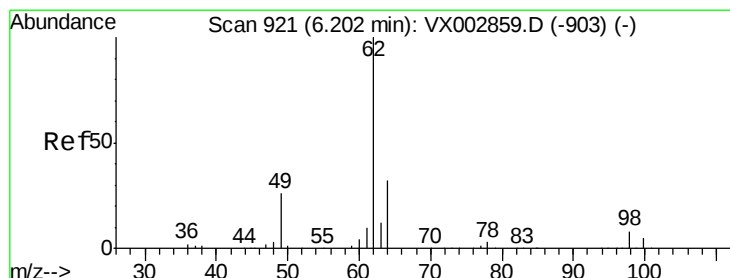
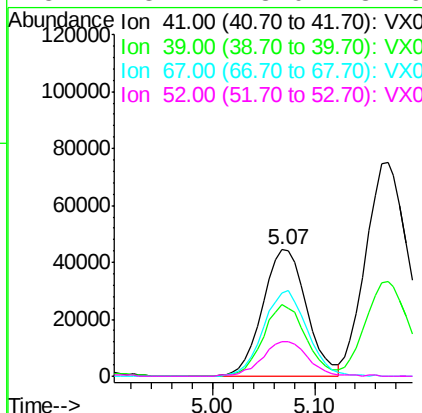
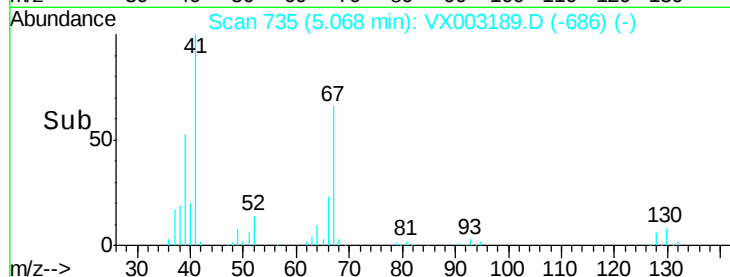
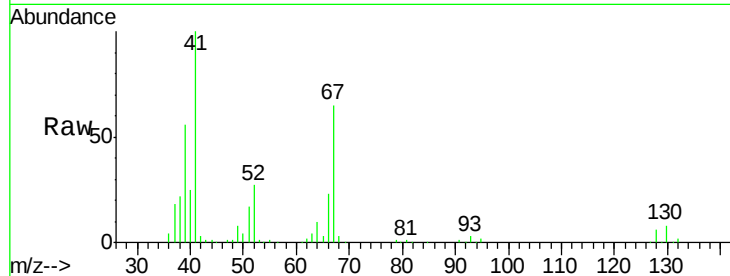
#41
Methacrylonitrile
Concen: 53.22 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.6
67	67.8	51.3	76.9
52	28.1	23.0	34.6

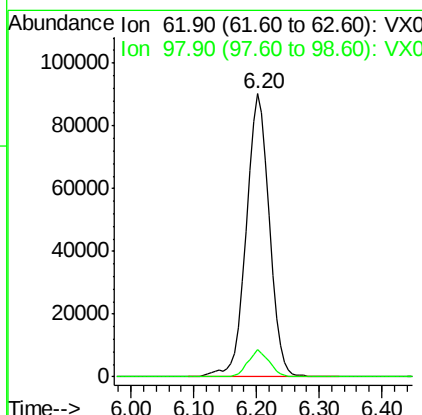
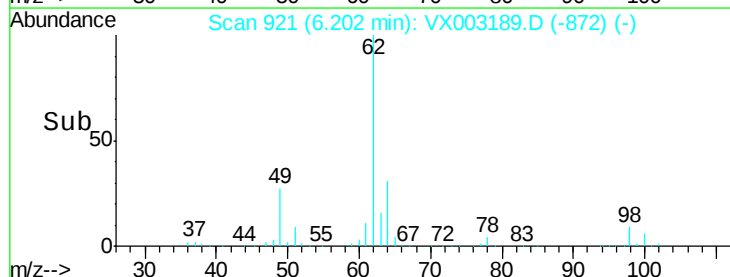
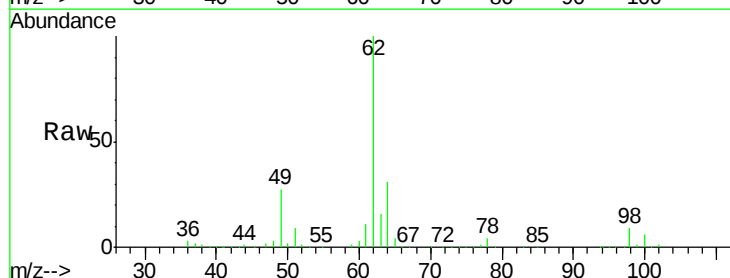
Manual Integrations
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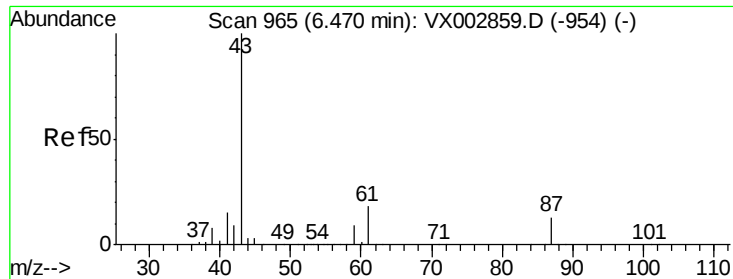
sam
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#42
1,2-Dichloroethane
Concen: 48.54 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

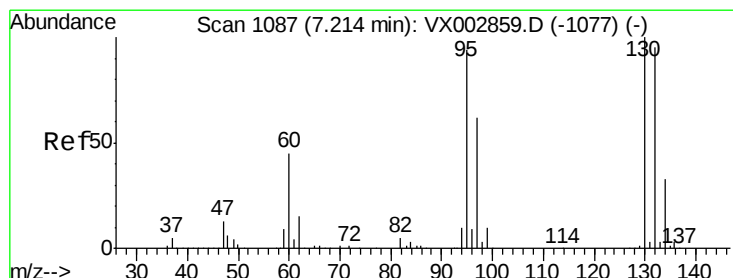
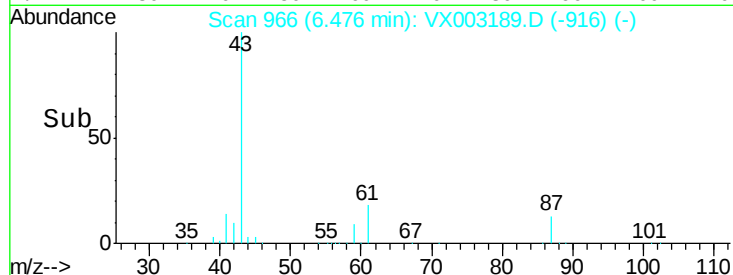
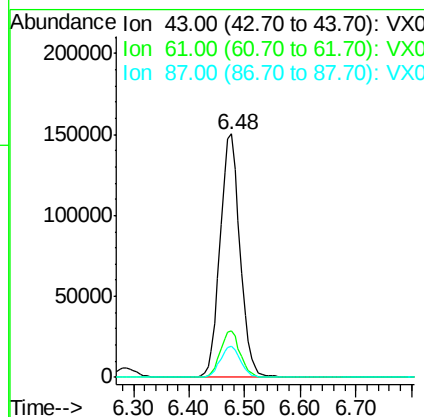
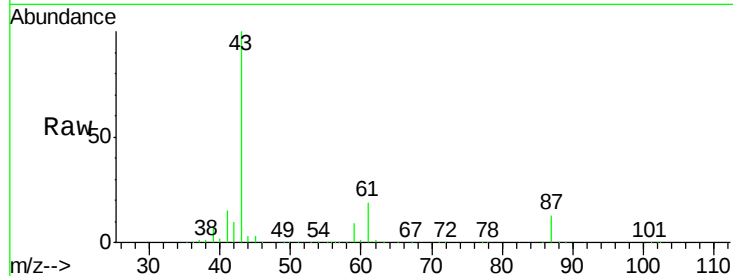
Isopropyl Acetate
 Concen: 51.21 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.4	21.6
87	13.0	9.5	14.3

Manual Integrations
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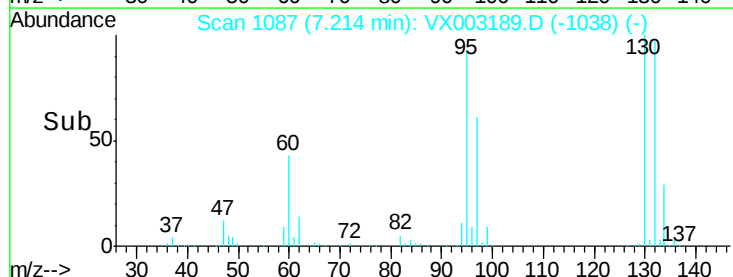
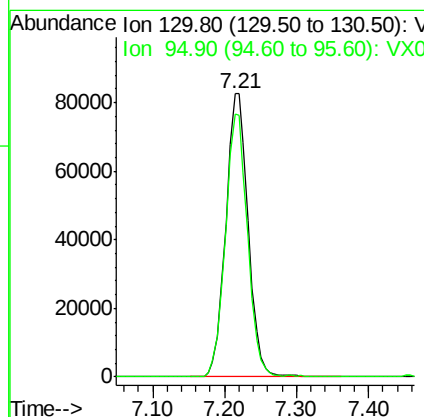
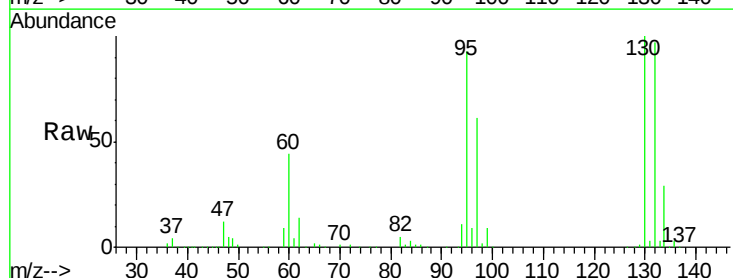
sam
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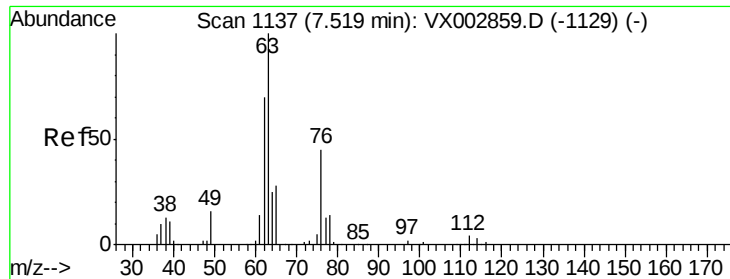


#44

Trichloroethene
 Concen: 51.38 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	185.4





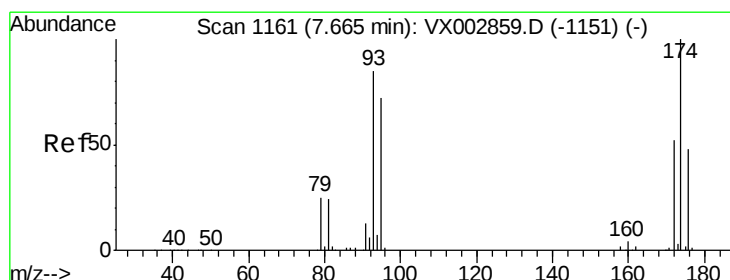
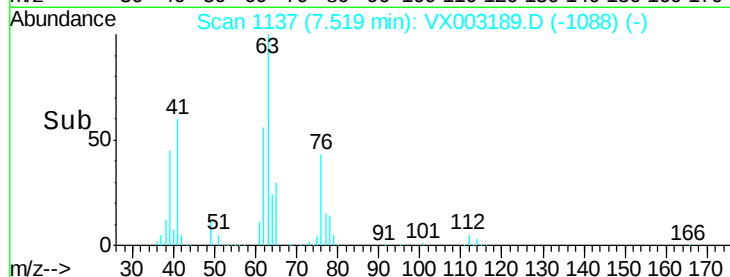
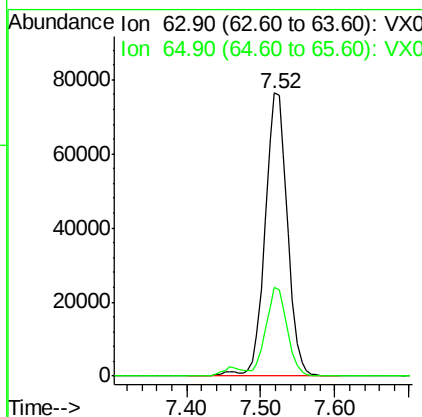
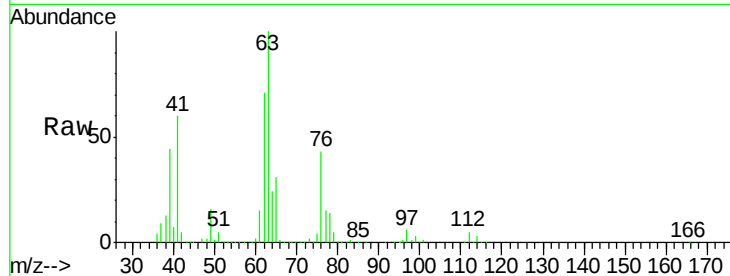
#45
1,2-Dichloropropane
Concen: 51.81 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 63 Resp: 160518
Ion Ratio Lower Upper
63 100
65 31.2 24.7 37.1

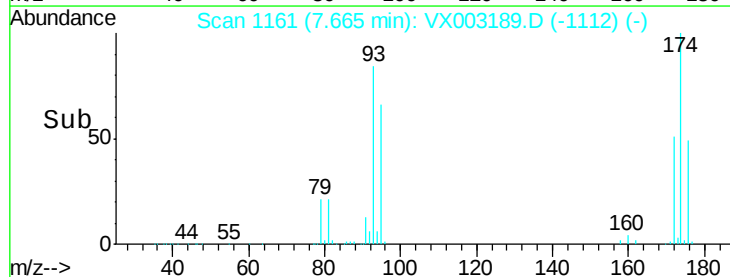
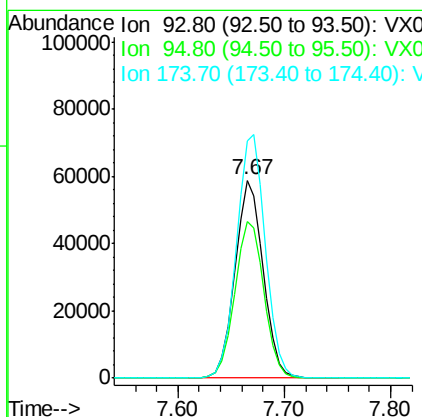
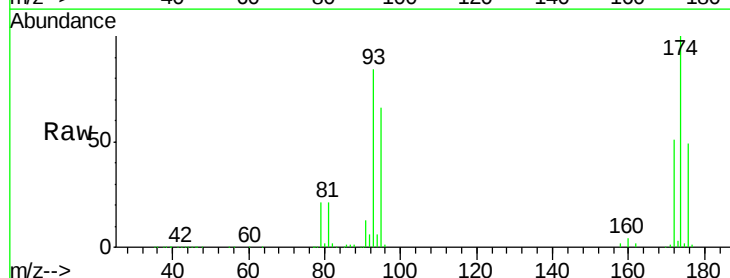
Manual Integrations
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#46
Dibromomethane
Concen: 50.96 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 93 Resp: 109577
Ion Ratio Lower Upper
93 100
95 82.1 65.9 98.9
174 126.1 92.4 138.6





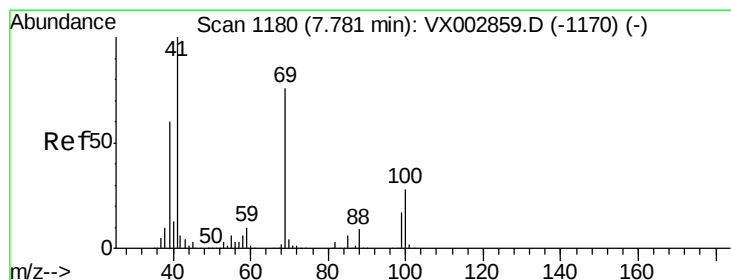
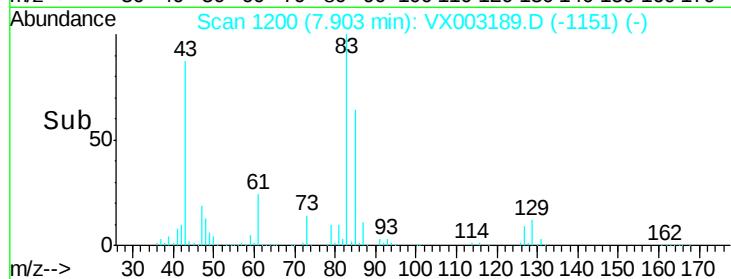
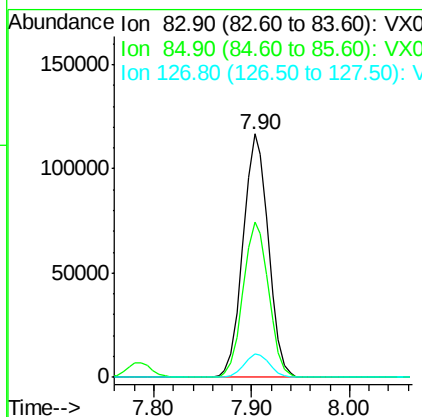
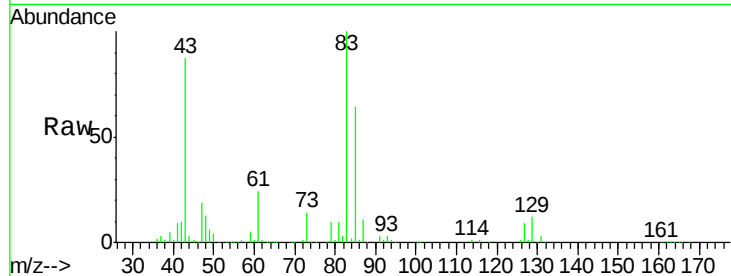
#47
Bromodichloromethane
Concen: 52.61 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	209126		
85	63.9		50.3	75.5
127	9.5		7.0	10.4

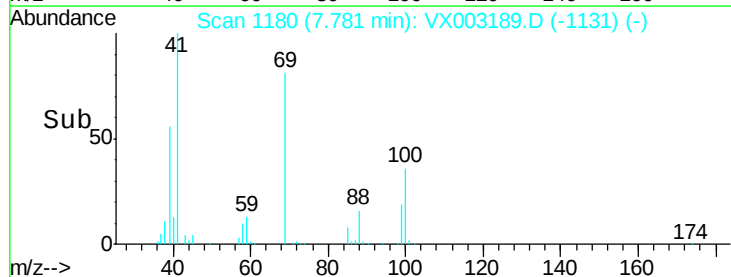
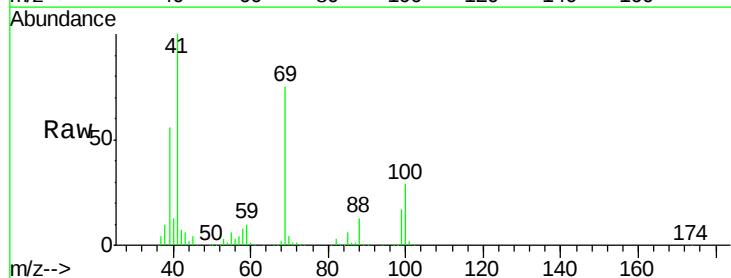
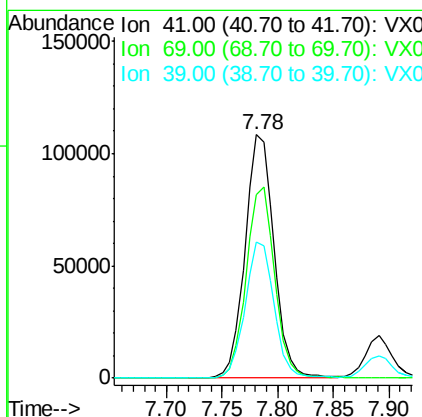
Manual Integrations
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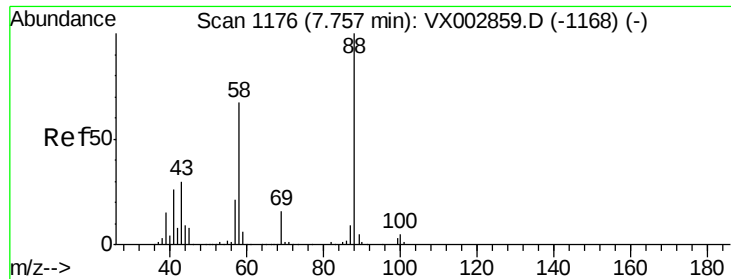
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#48
Methyl methacrylate
Concen: 52.39 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	195972		
69	77.8		59.1	88.7
39	56.1		48.9	73.3





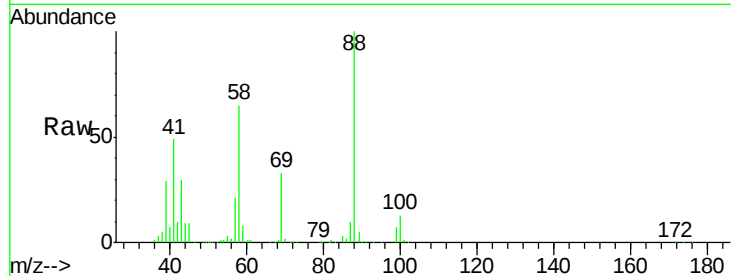
#49
1,4-Dioxane
Concen: 1092.23 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot 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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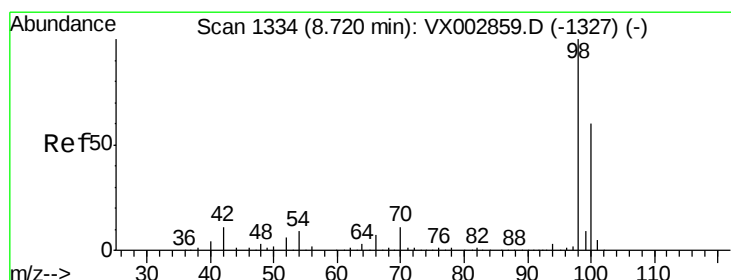
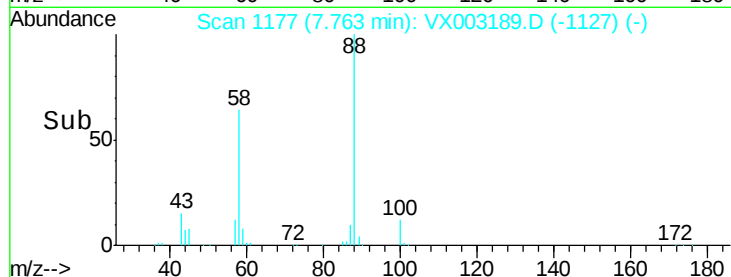
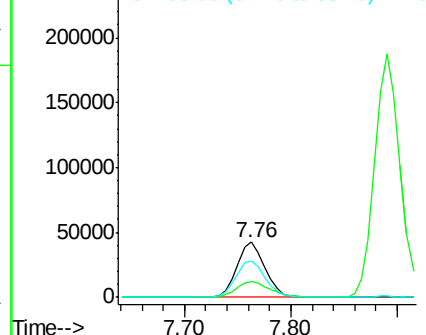


Abundance

Ion 88.00 (87.70 to 88.70): VX0

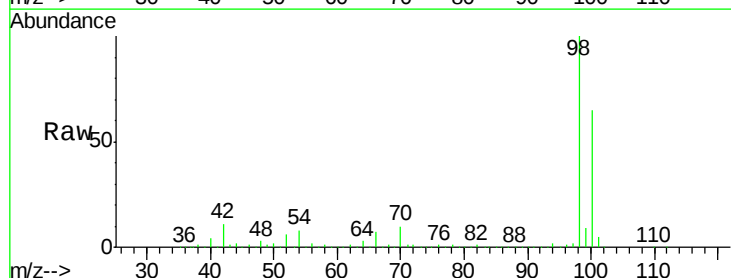
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

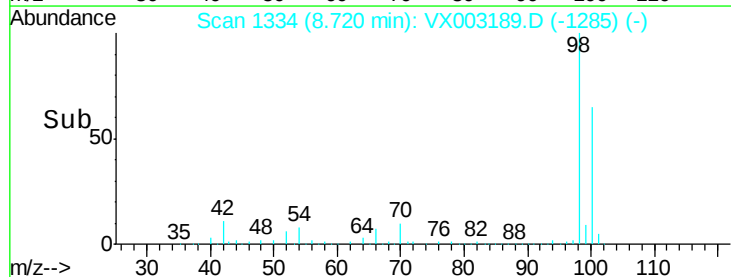
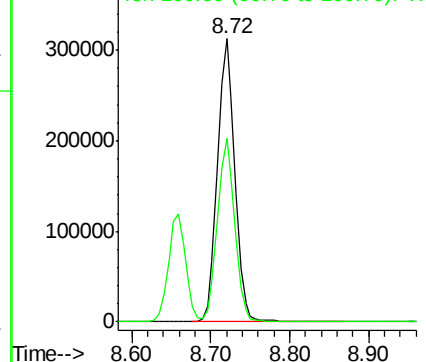
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3

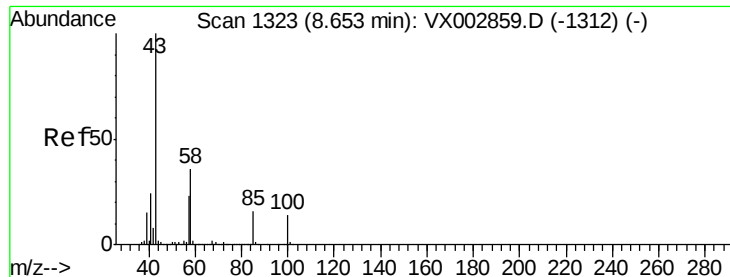


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 268.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1219333

Ion Ratio Lower Upper

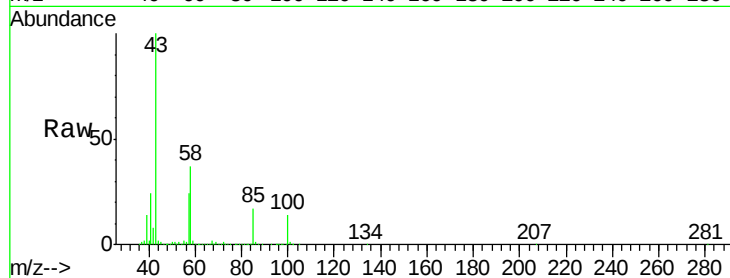
43 100

58 37.3 28.6 42.8

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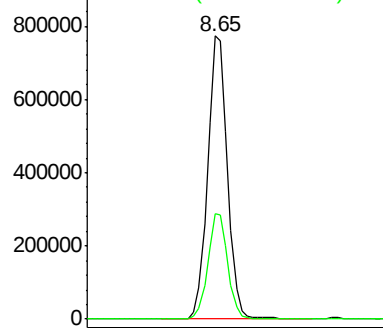
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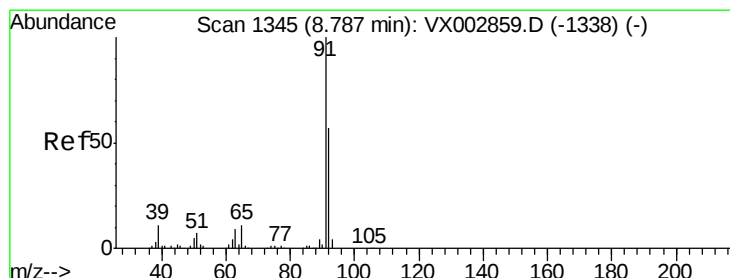
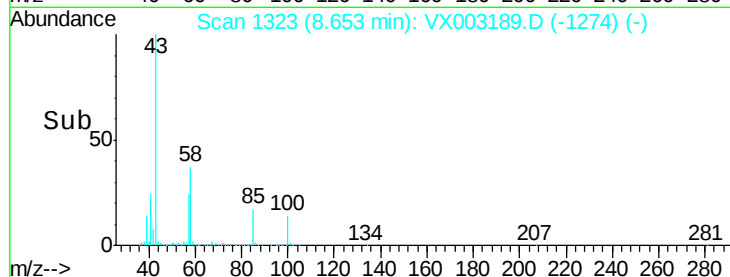


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 52.54 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003189.D

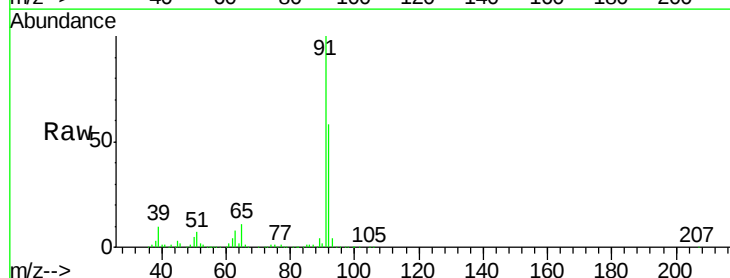
Acq: 05 Jul 2018 23:14

Tgt Ion: 92 Resp: 393174

Ion Ratio Lower Upper

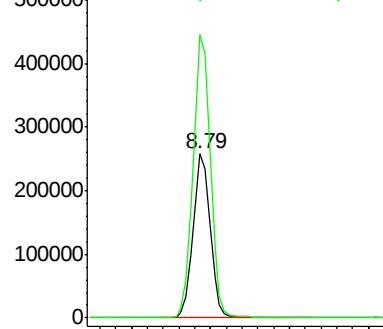
92 100

91 174.7 140.4 210.6

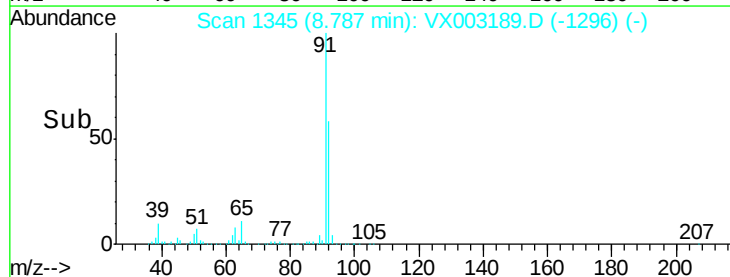


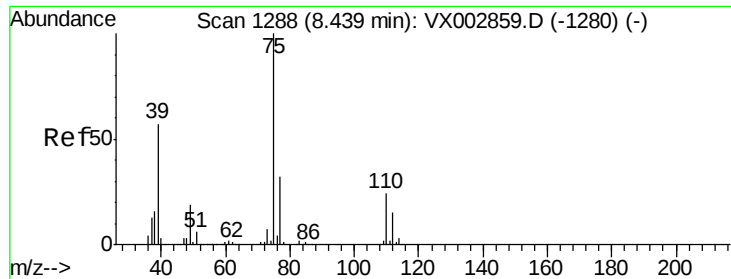
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





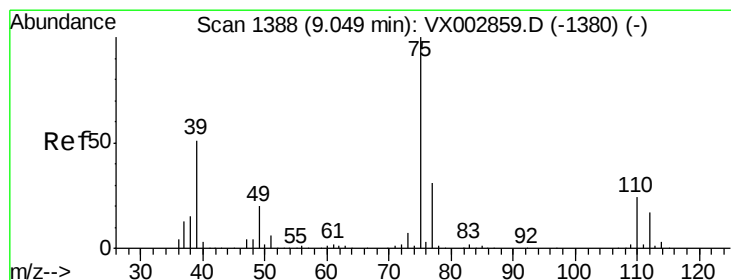
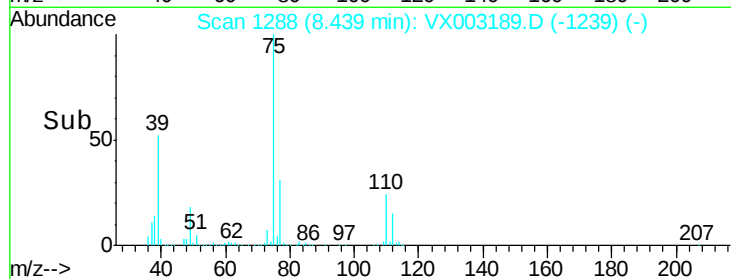
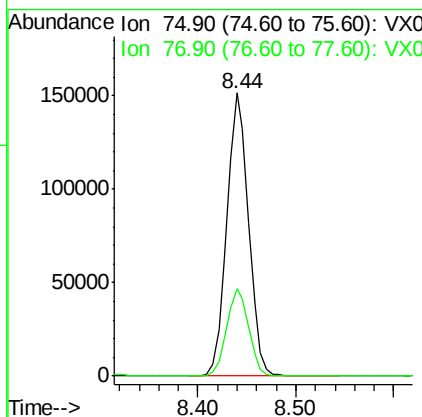
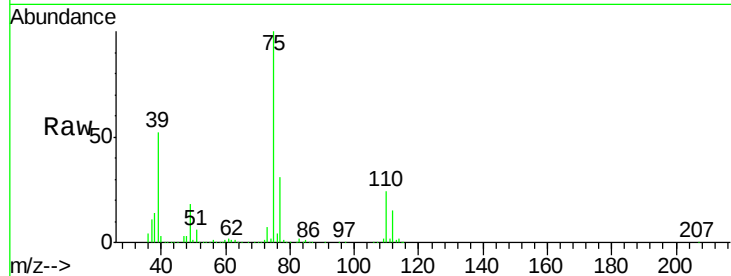
#53
t-1,3-Dichloropropene
Concen: 51.64 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2

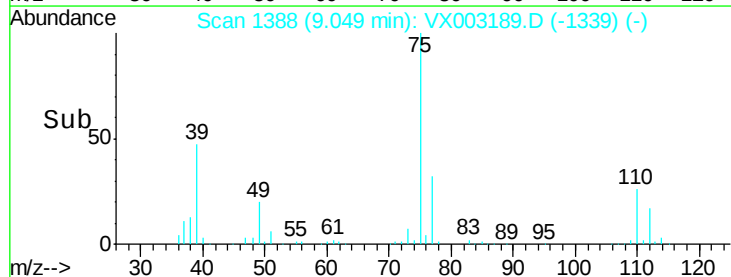
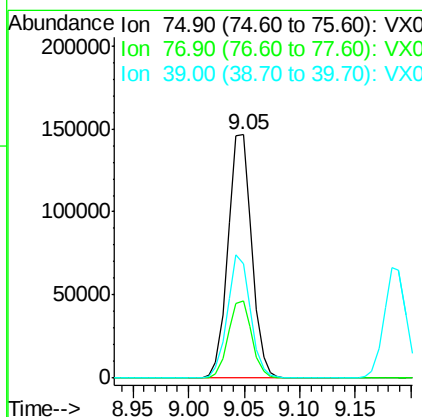
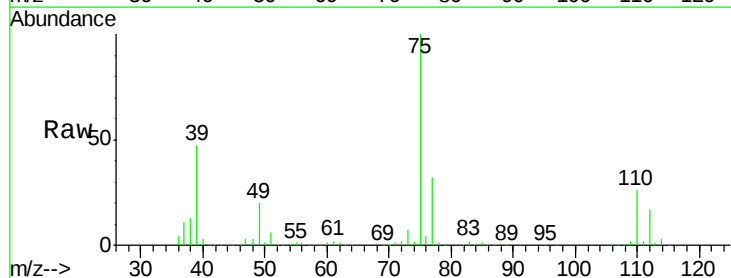
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#54
cis-1,3-Dichloropropene
Concen: 49.91 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	47.0	42.4	63.6





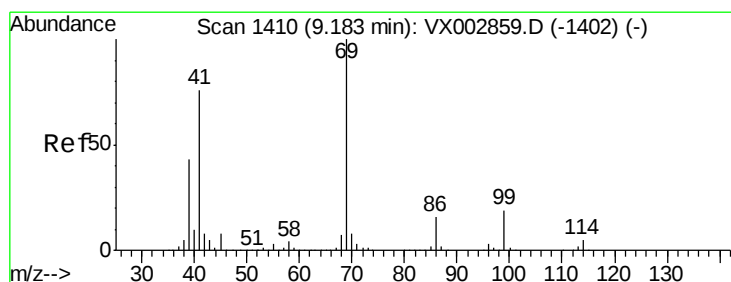
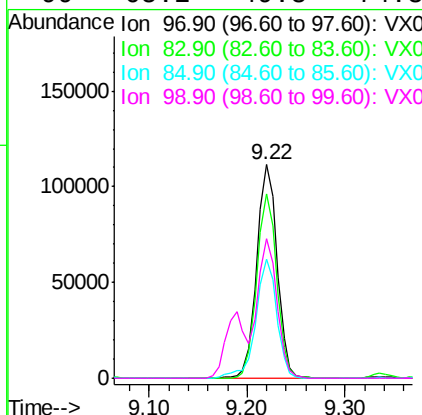
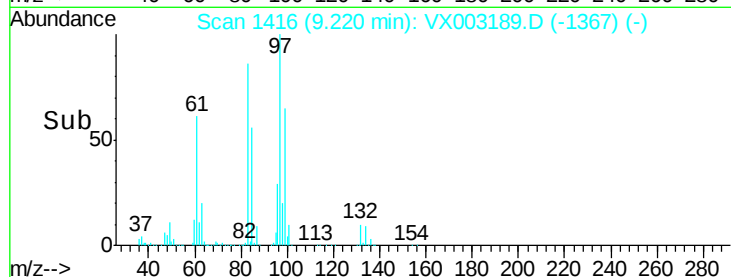
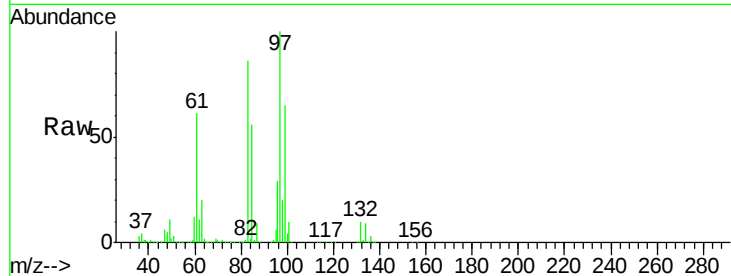
#55
 1,1,2-Trichloroethane
 Concen: 53.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	163243
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
85	56.0	44.9	67.3
99	65.2	49.8	74.8

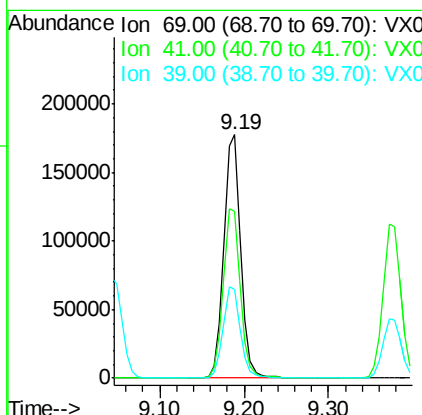
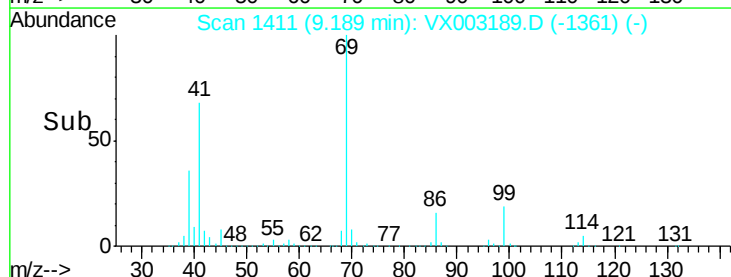
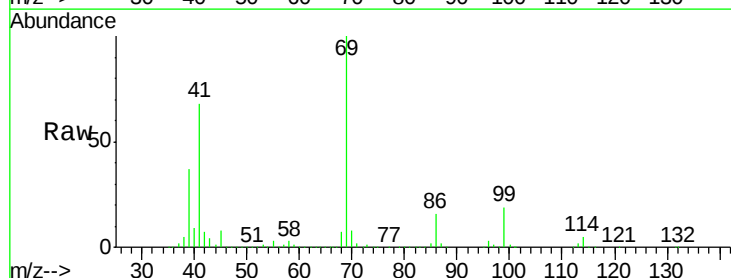
Manual Integrations
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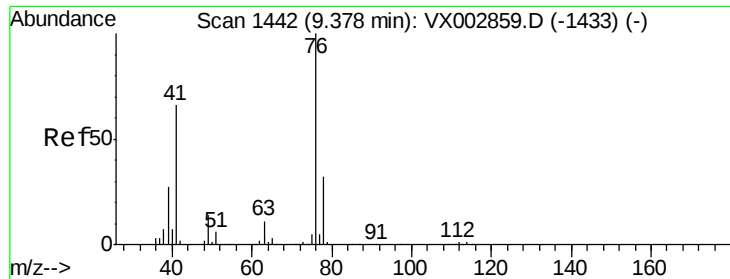
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#56
 Ethyl methacrylate
 Concen: 54.98 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion:	69	Resp:	247072
Ion	Ratio	Lower	Upper
69	100		
41	71.0	60.3	90.5
39	38.2	35.8	53.8





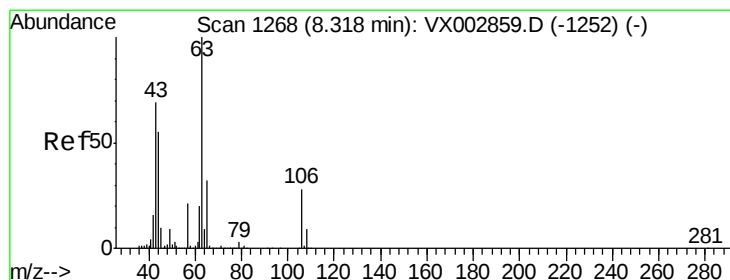
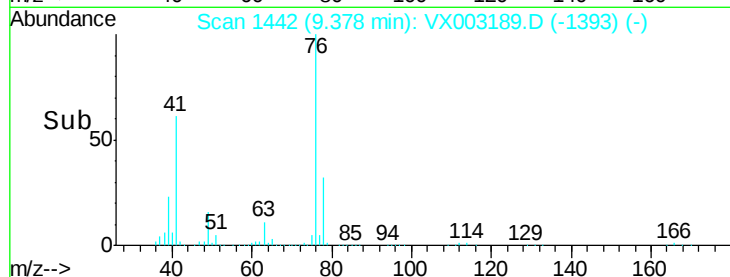
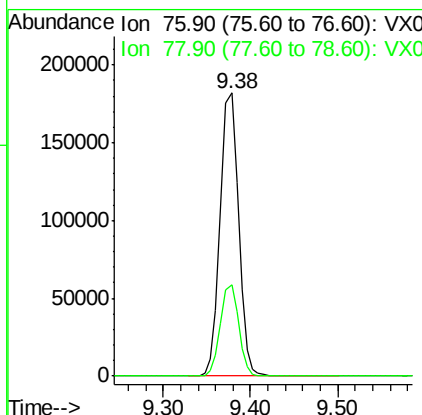
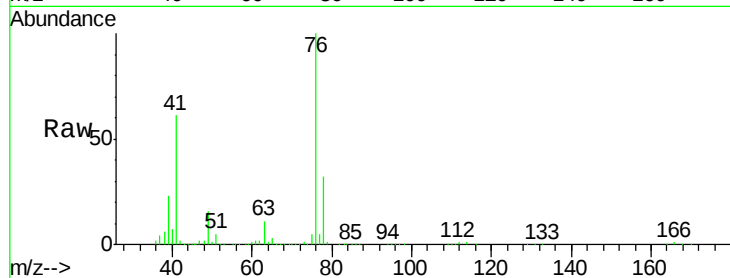
#57
 1,3-Dichloropropane
 Concen: 52.71 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

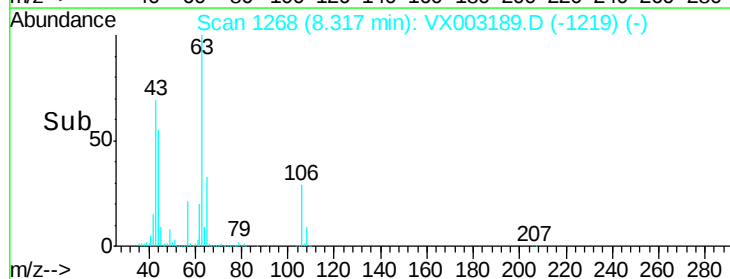
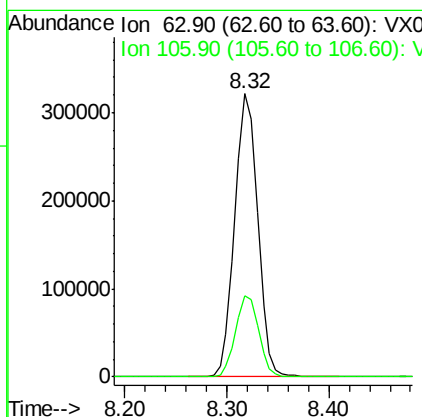
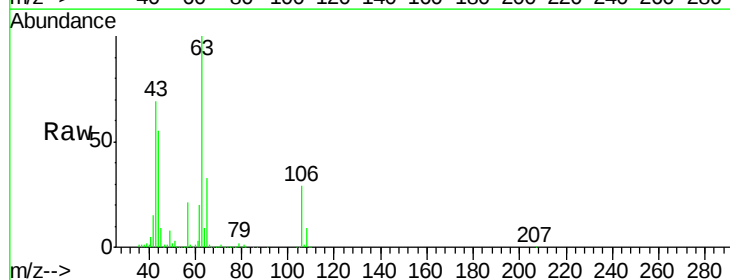
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 230.78 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	21.8	32.8





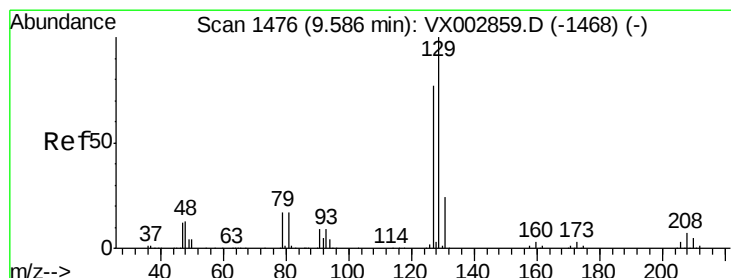
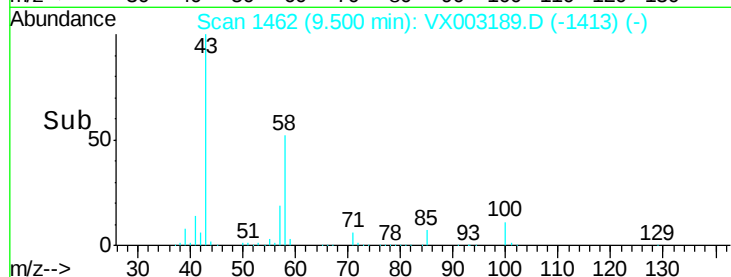
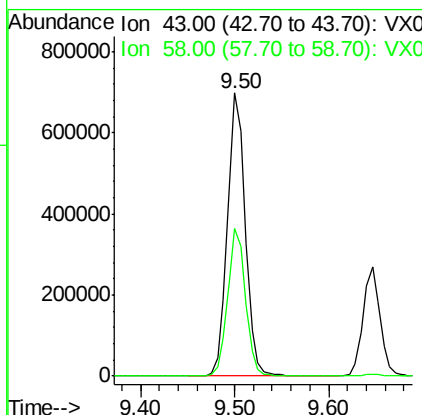
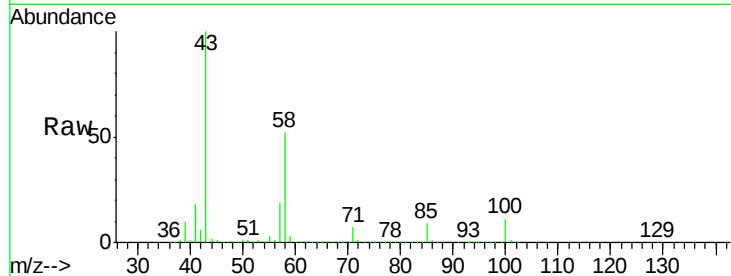
#59
2-Hexanone
Concen: 267.53 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.0	24.6	73.6

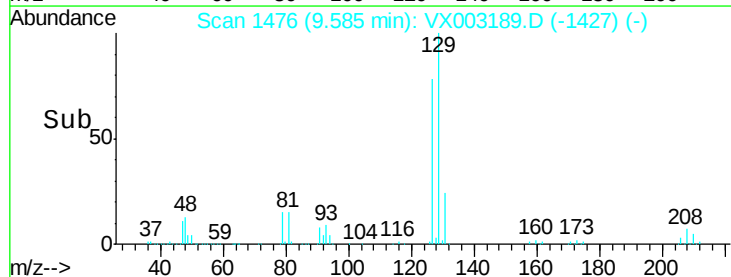
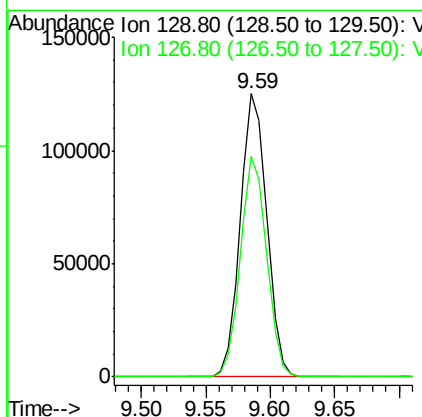
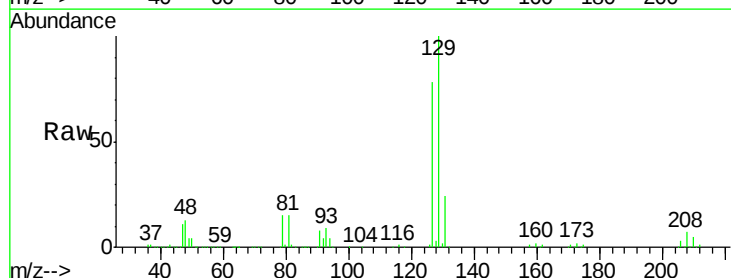
Manual Integrations
APPROVED

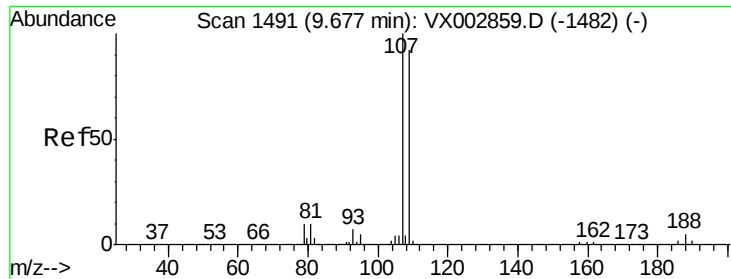
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#60
Dibromochloromethane
Concen: 54.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.3





#61

1,2-Dibromoethane

Concen: 53.64 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 172987

Ion Ratio Lower Upper

107 100

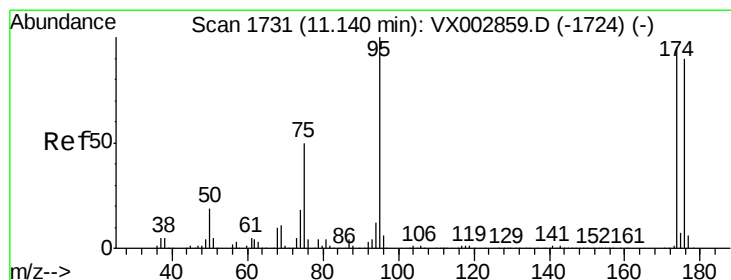
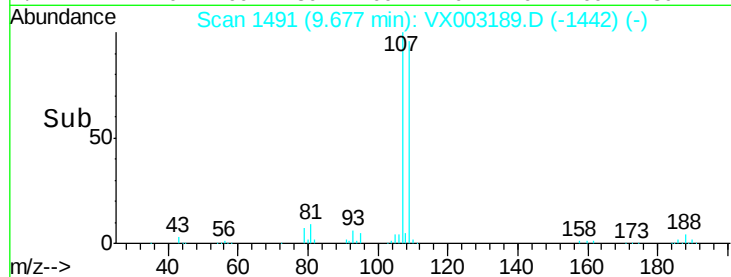
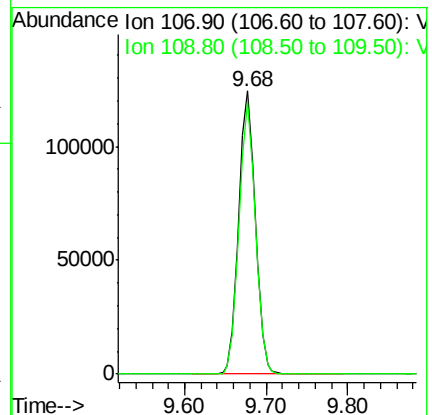
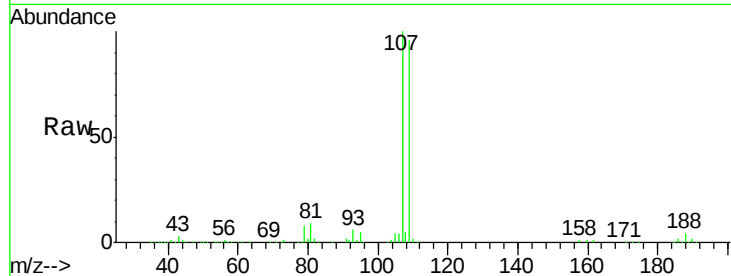
109 95.0 75.3 112.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

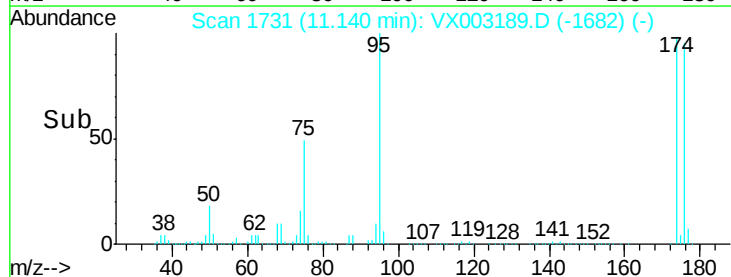
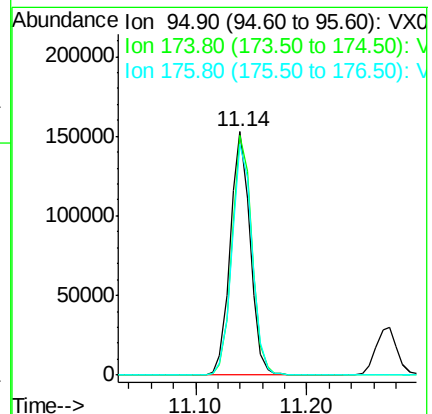
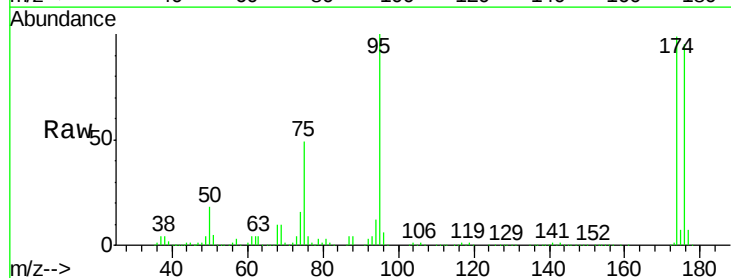
Tgt Ion: 95 Resp: 188244

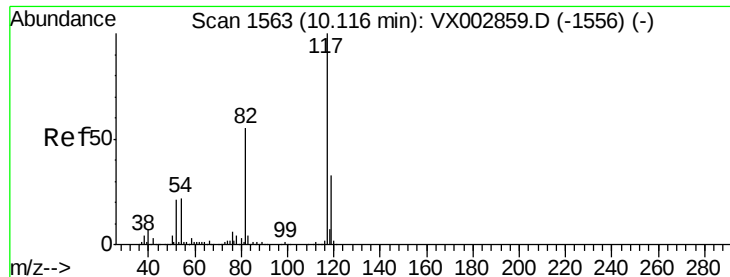
Ion Ratio Lower Upper

95 100

174 99.3 0.0 187.4

176 96.3 0.0 181.0





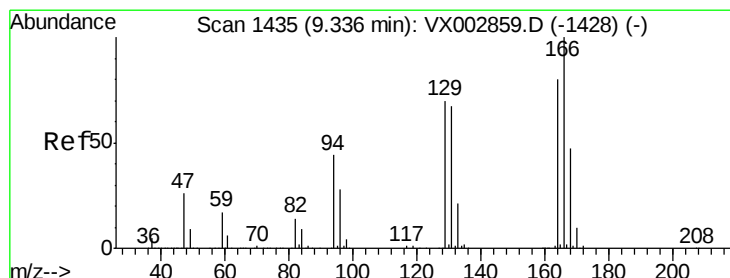
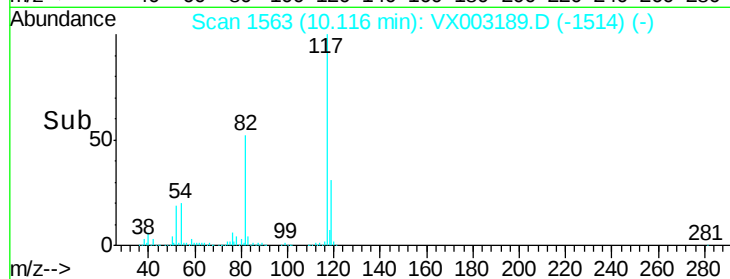
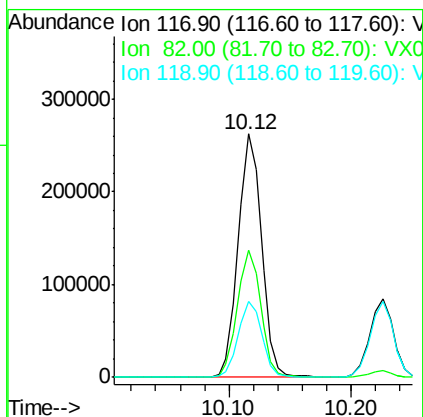
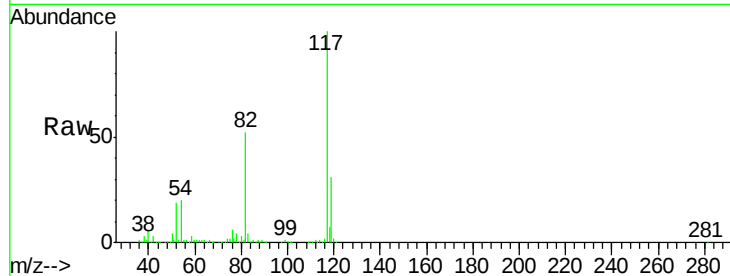
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.0	67.4
119	31.2	25.8	38.6

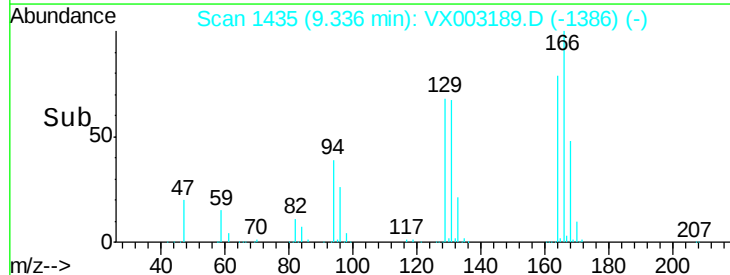
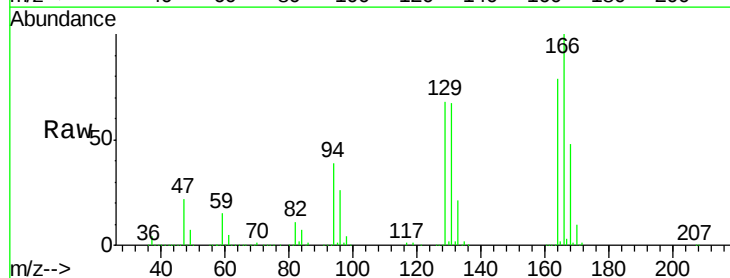
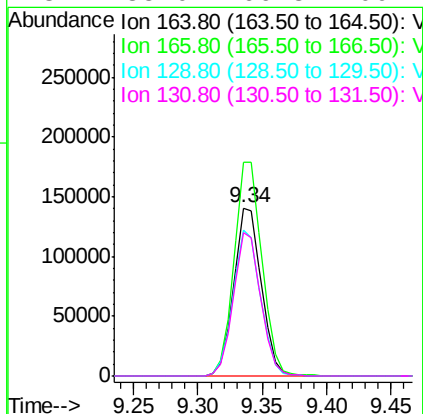
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#64
Tetrachloroethene
Concen: 54.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.9	154.3
129	86.7	68.6	102.8
131	85.0	66.8	100.2





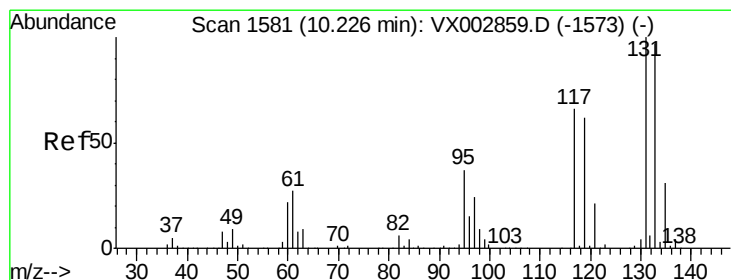
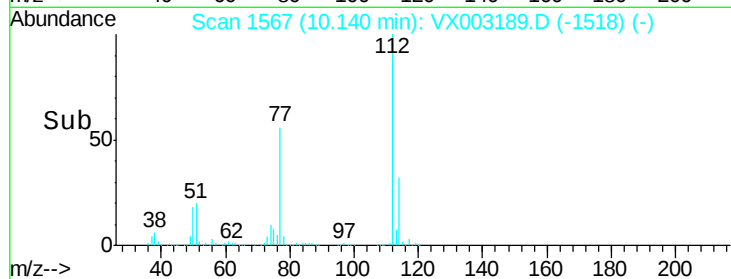
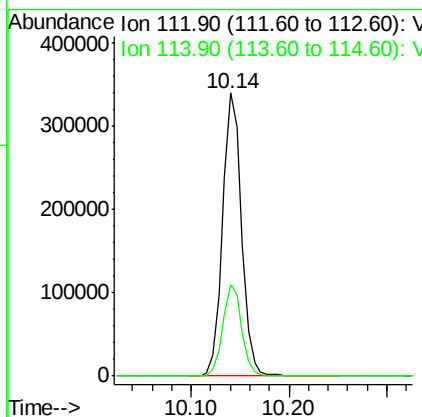
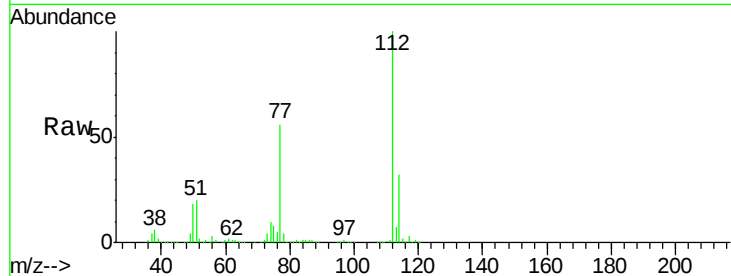
#65
Chlorobenzene
Concen: 51.67 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 456570
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

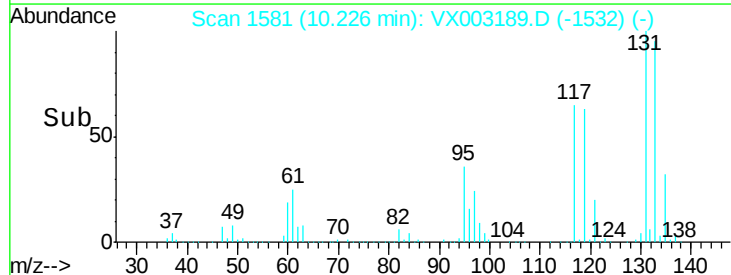
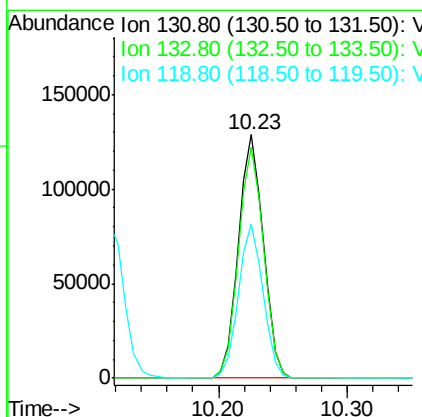
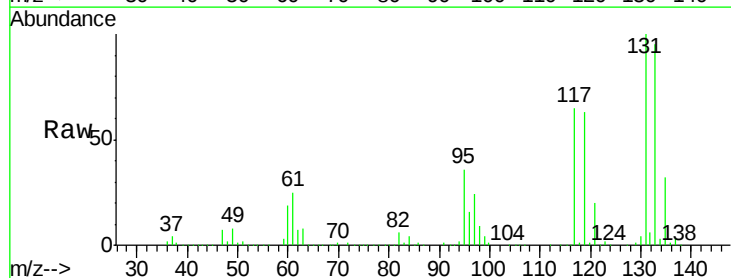
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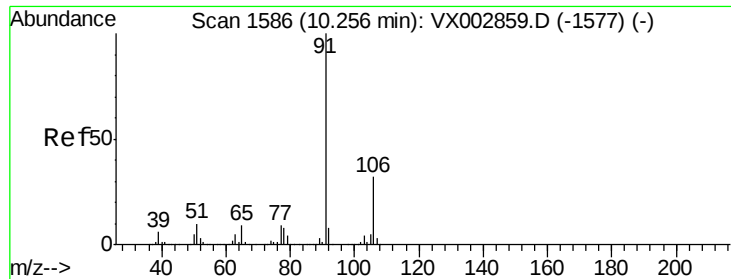
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.77 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:131 Resp: 172594
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 62.8 31.8 95.3





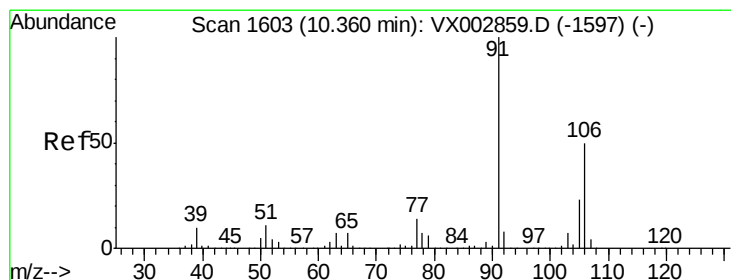
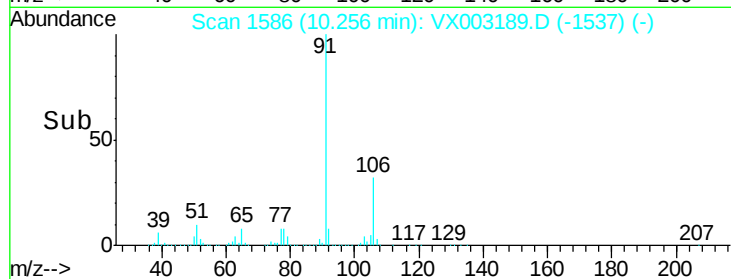
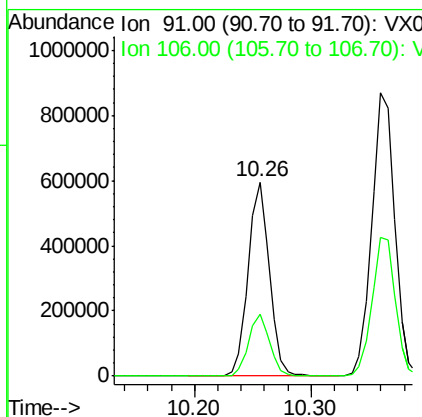
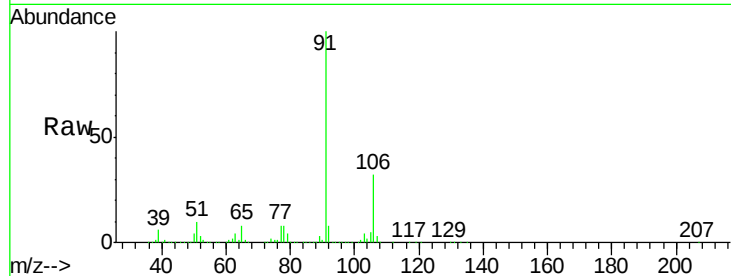
#67
Ethyl Benzene
Concen: 52.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 764486
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

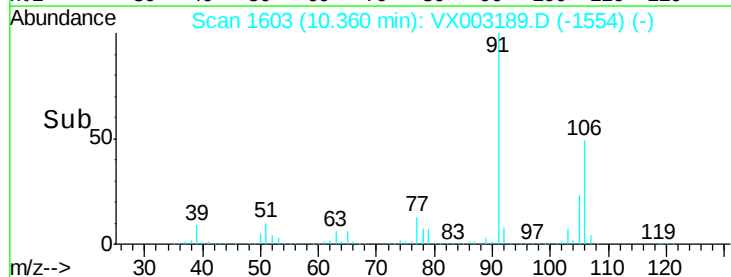
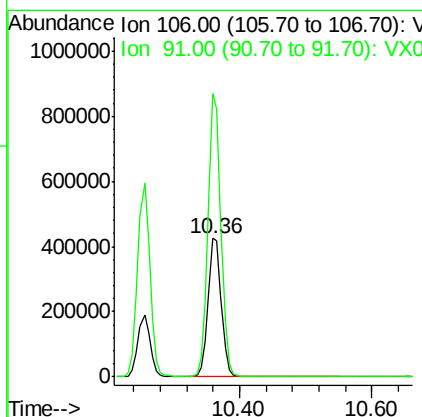
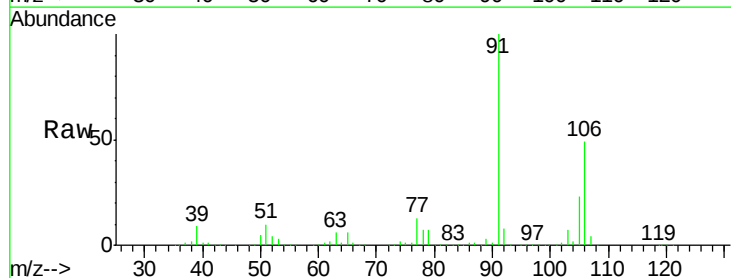
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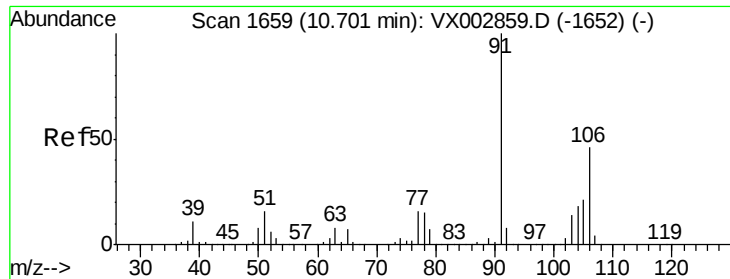
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#68
m/p-Xylenes
Concen: 106.65 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion: 106 Resp: 600017
Ion Ratio Lower Upper
106 100
91 200.3 163.4 245.2





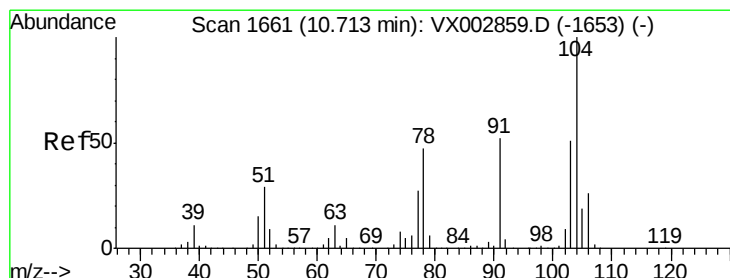
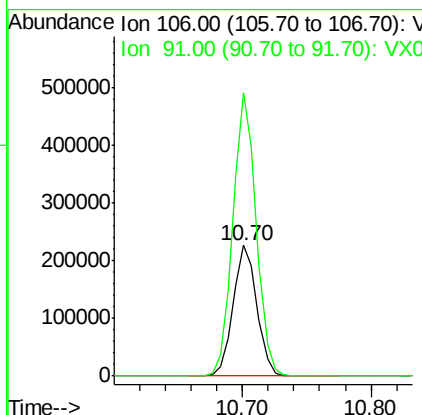
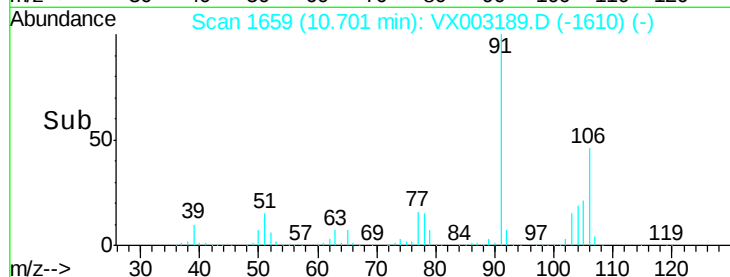
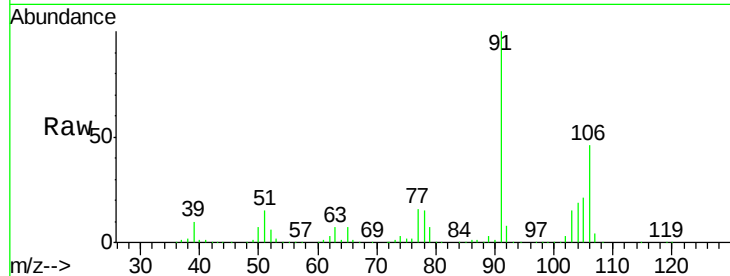
#69
o-Xylene
Concen: 53.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 290622
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

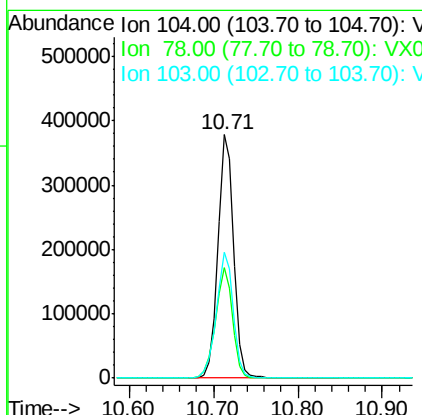
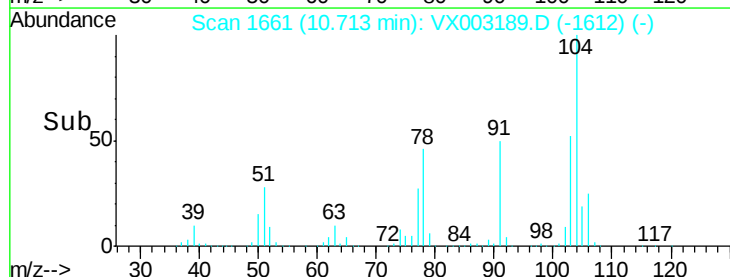
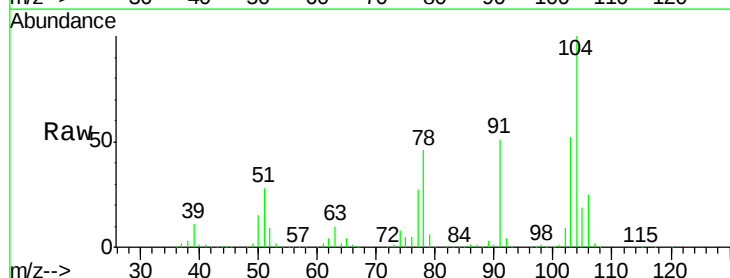
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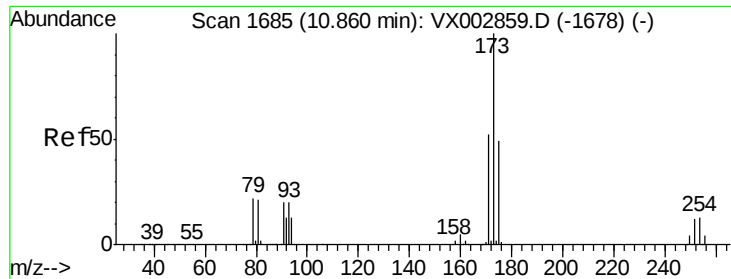
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#70
Styrene
Concen: 55.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion:104 Resp: 491527
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 55.4 44.2 66.4





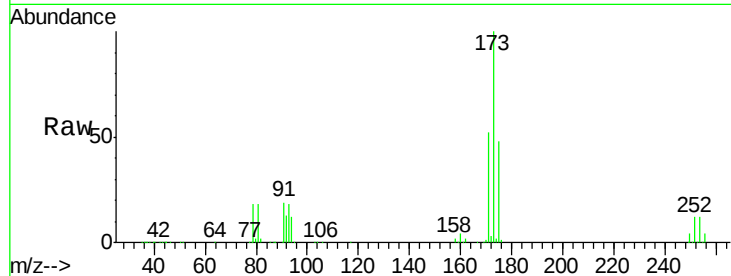
#71
Bromoform
Concen: 49.87 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

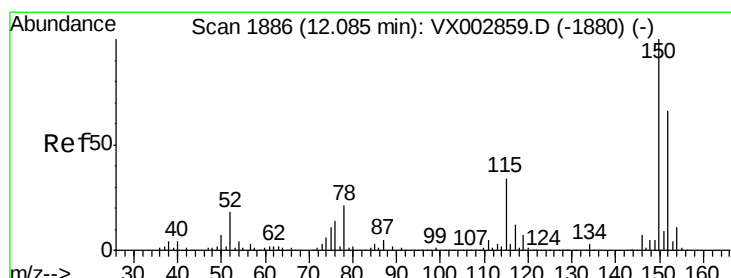
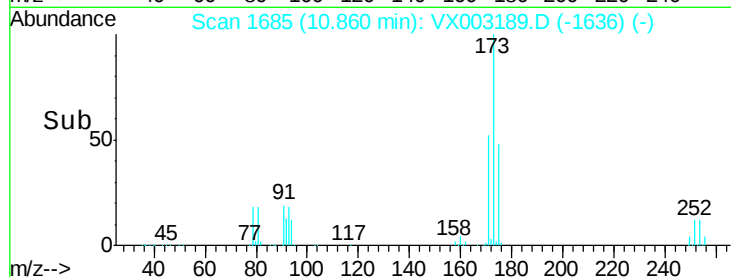
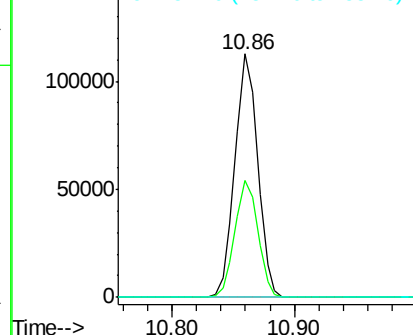
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2

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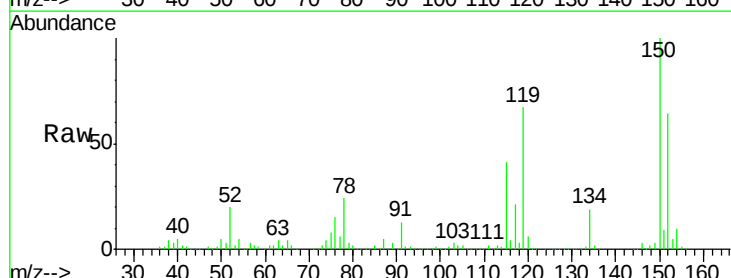


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

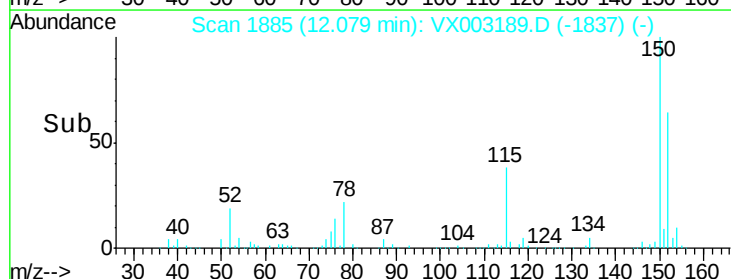
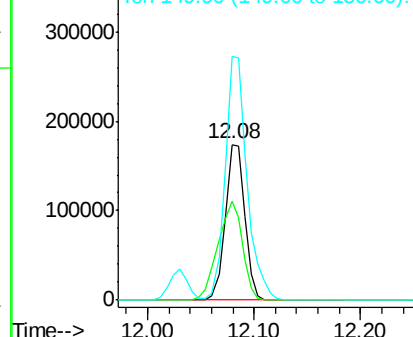


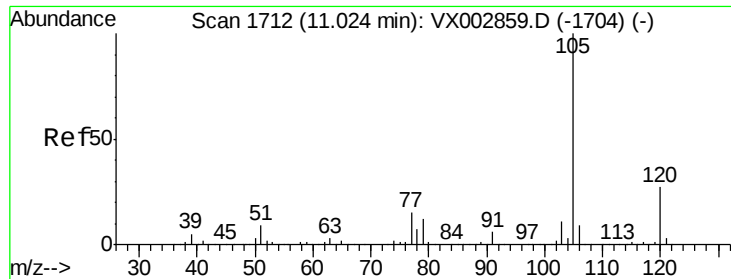
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	40.1	120.2
150	174.7	0.0	347.2



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





#73

Isopropylbenzene

Concen: 53.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 793990

Ion Ratio Lower Upper

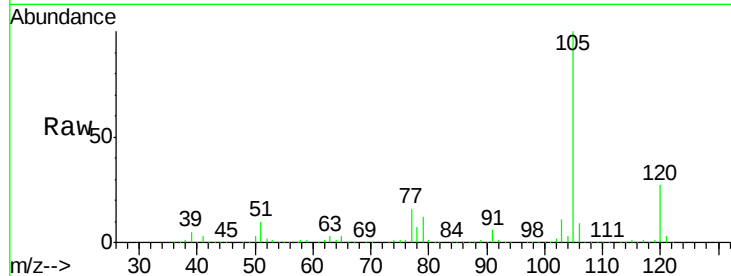
105 100

120 27.3 13.5 40.4

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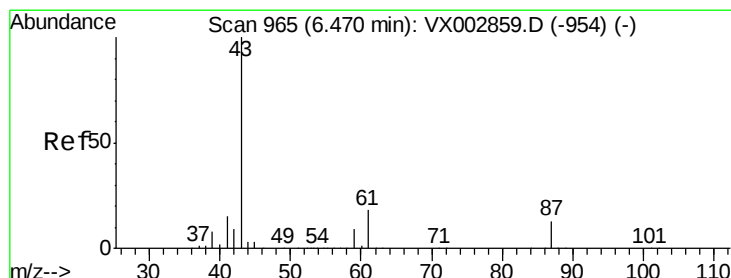
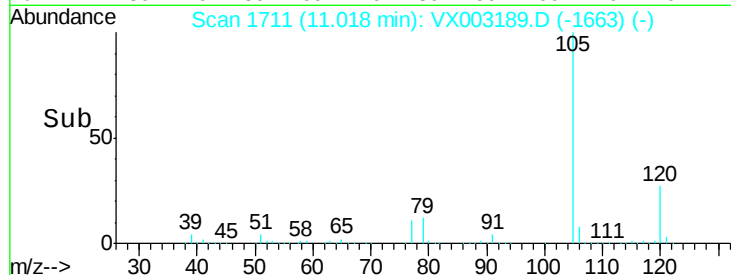
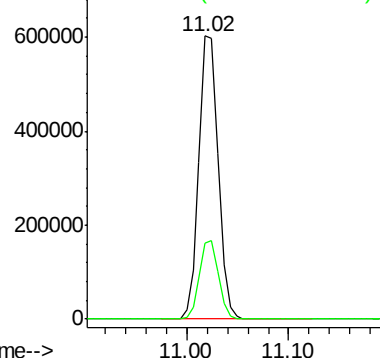
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.81 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion: 43 Resp: 371753

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

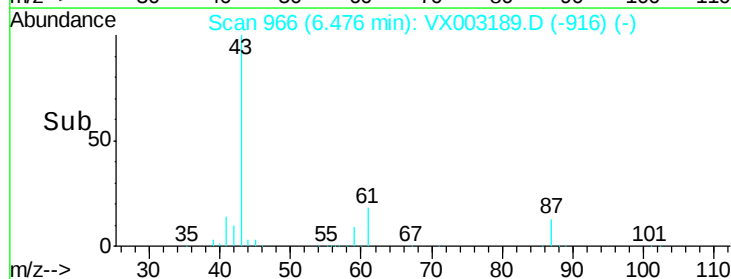
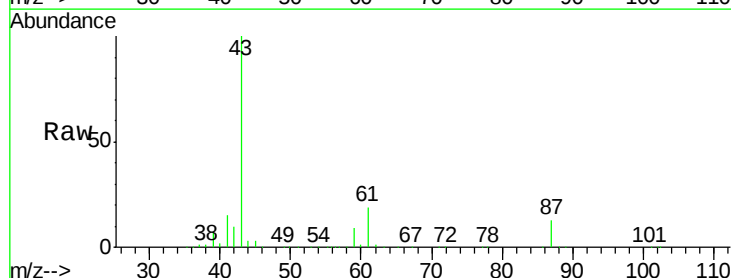
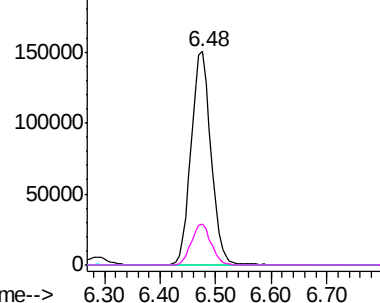
61 19.1 14.4 21.6

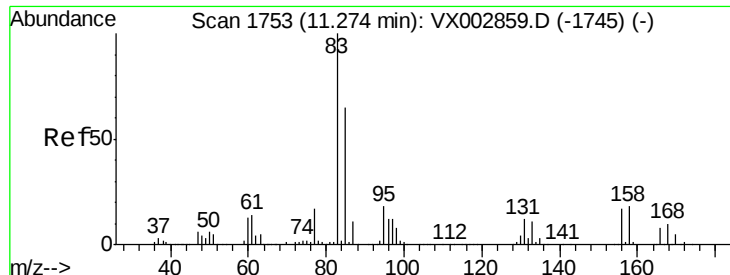
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.97 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

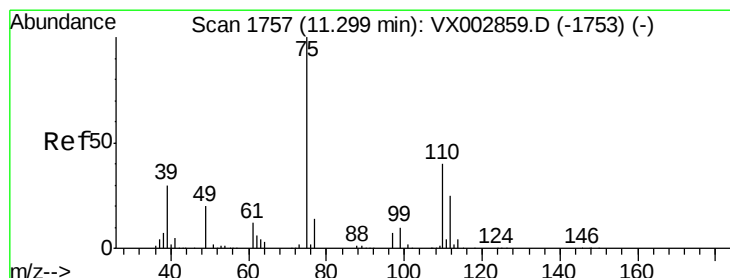
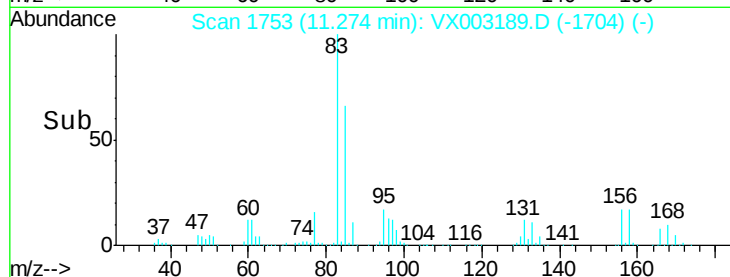
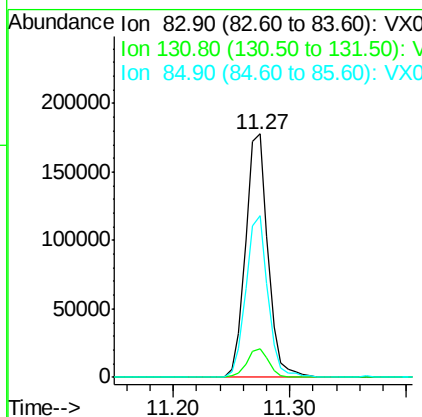
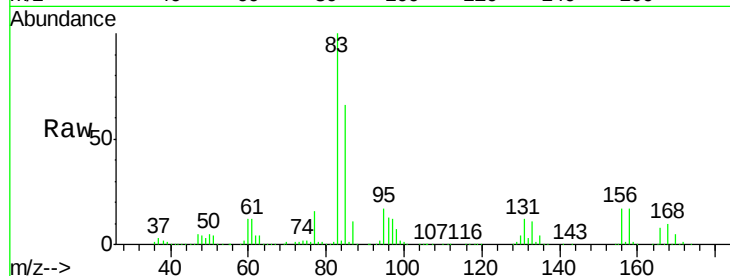
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239399
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	65.3	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 59.74 ug/l m

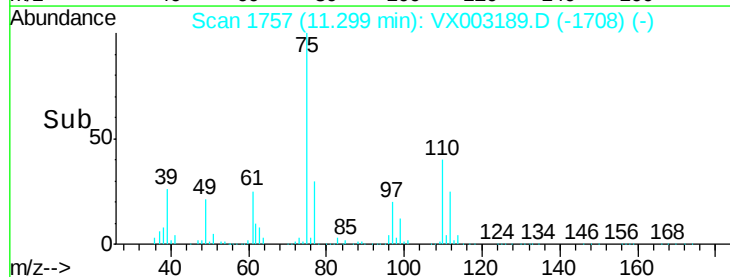
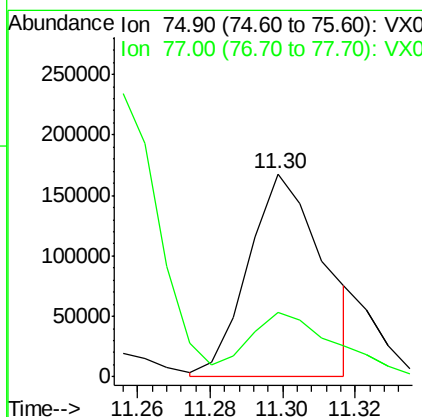
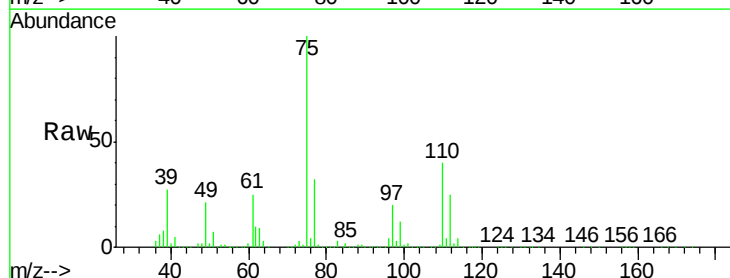
RT: 11.30 min Scan# 1757

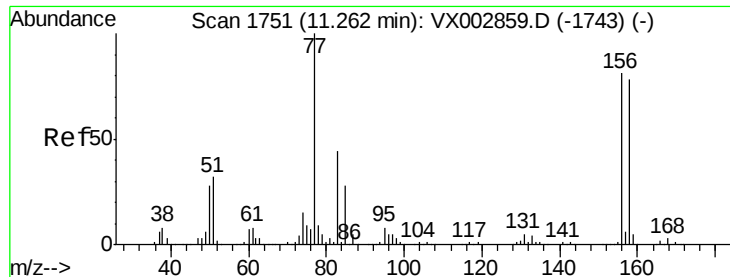
Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	75	Resp:	240532
Ion Ratio	Lower	Upper	
75	100		
77	36.7	22.8	68.3





#77

Bromobenzene

Concen: 52.06 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

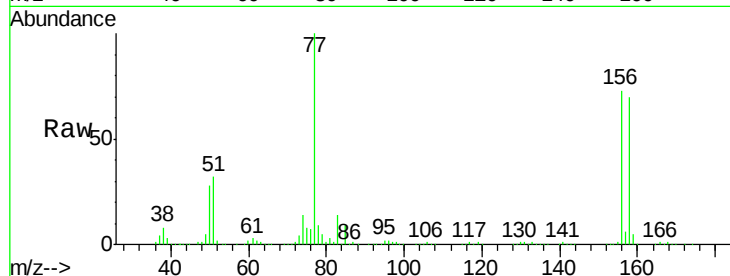
ClientSampleId :

VSTDCCC050

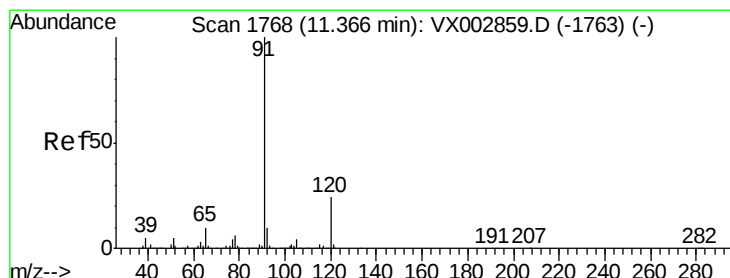
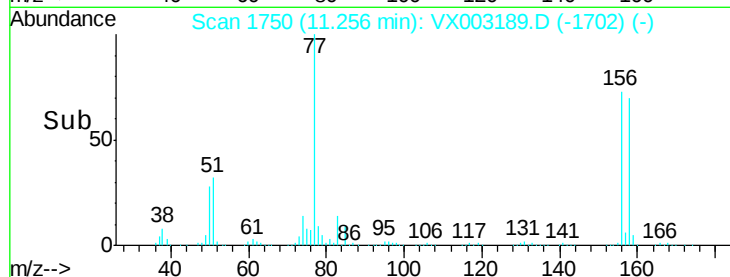
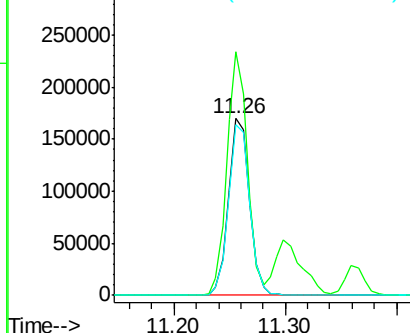
Tot Ion:	156	Resp:	221716
Ion Ratio	Lower	Upper	
156	100		
77	133.8	71.4	214.2
158	97.6	48.9	146.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.82 ug/l

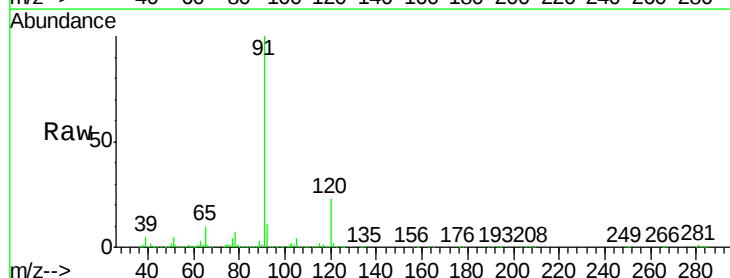
RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

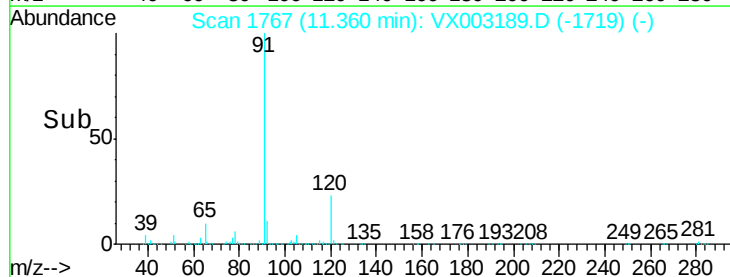
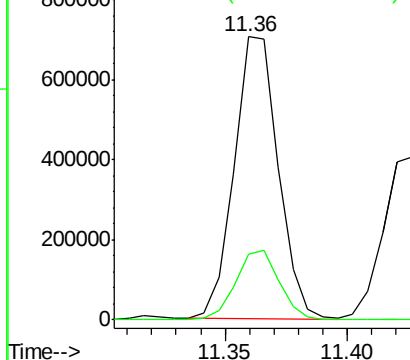
Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	91	Resp:	881987
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 528348

Ion Ratio Lower Upper

91 100

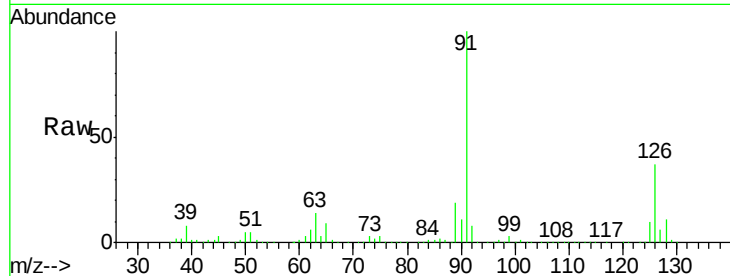
126 36.4 17.7 53.1

Manual Integrations

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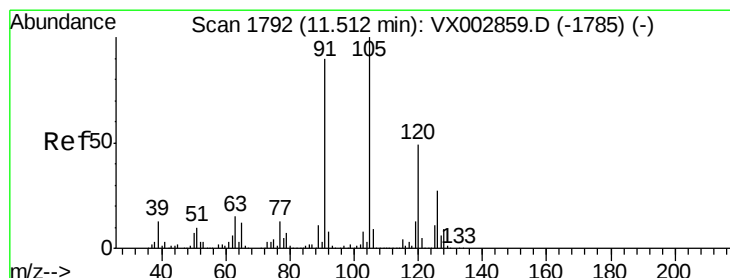
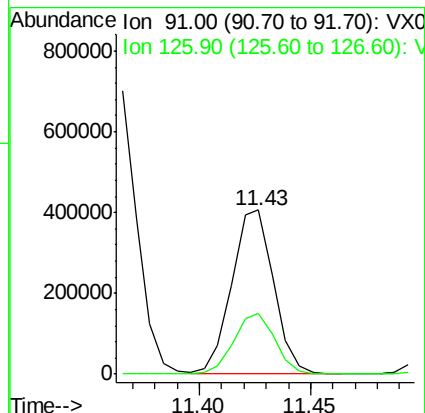
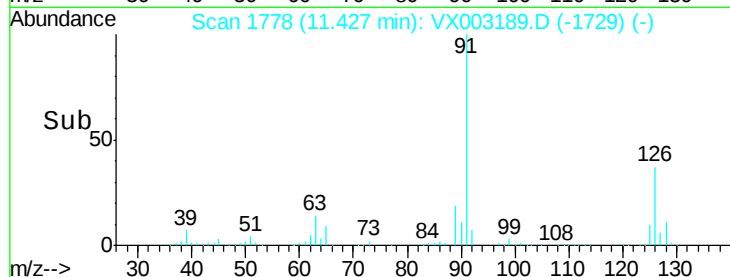
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Abundance Ion 91.00 (90.70 to 91.70): VX003189.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX003189.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003189.D

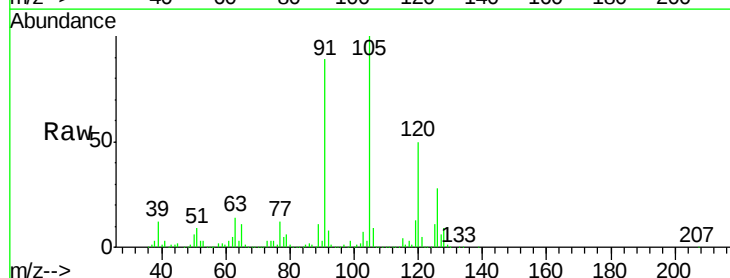
Acq: 05 Jul 2018 23:14

Tgt Ion: 105 Resp: 665605

Ion Ratio Lower Upper

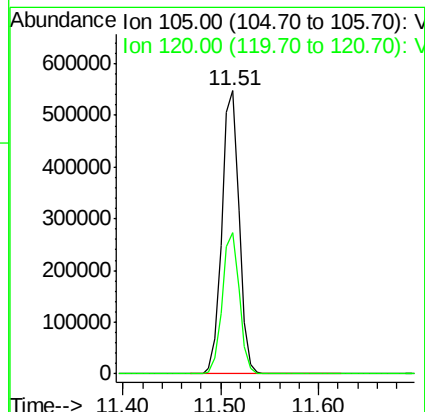
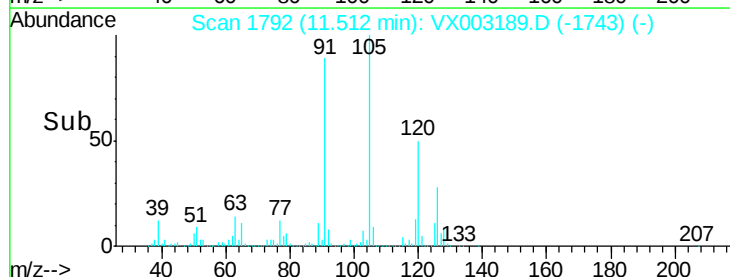
105 100

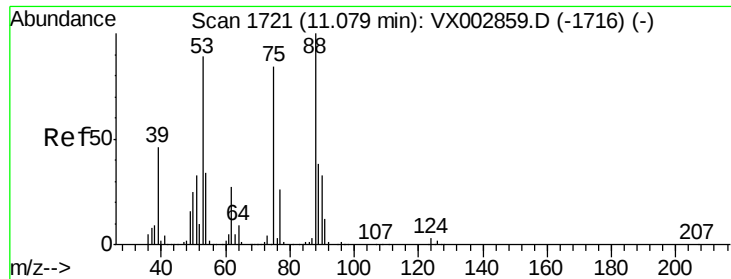
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003189.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003189.D (-1743) (-)





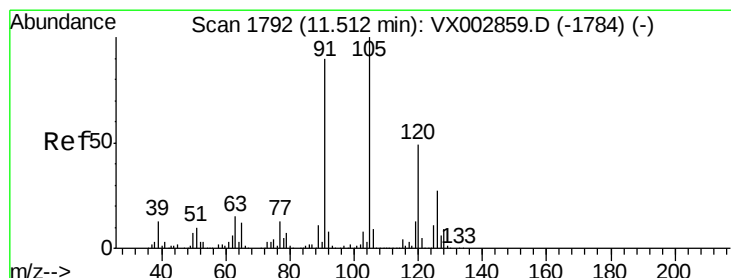
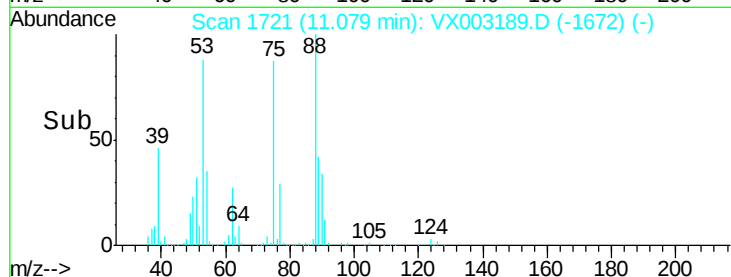
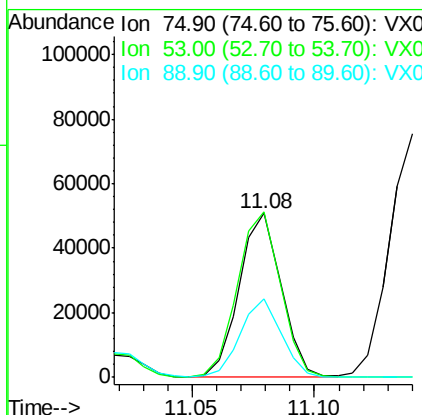
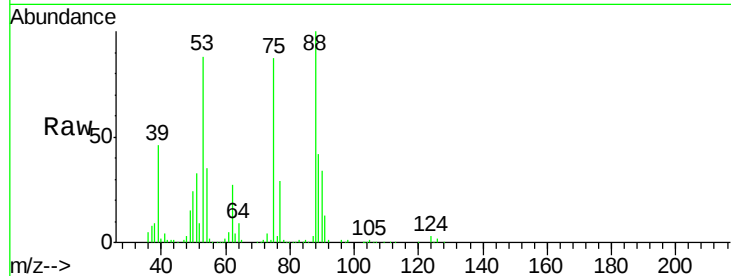
#81
trans-1,4-Dichloro-2-butene
Concen: 44.23 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	86.8	130.2
89	47.2	38.2	57.2

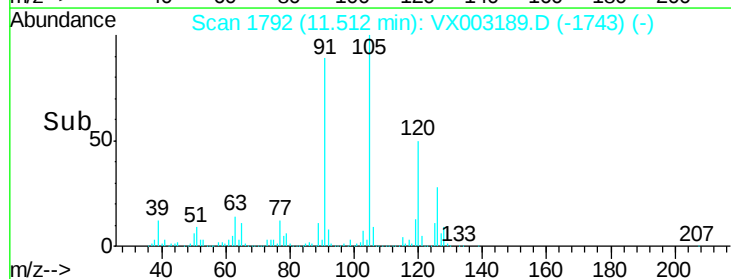
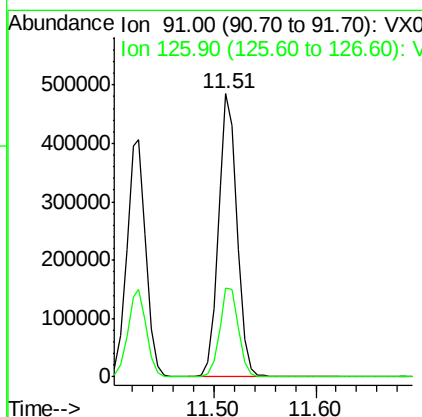
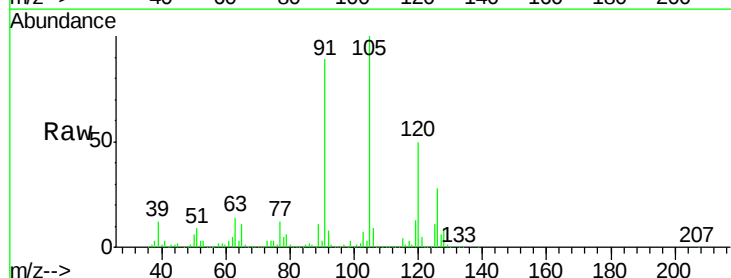
Manual Integrations
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#82
4-Chlorotoluene
Concen: 50.80 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.4	46.4





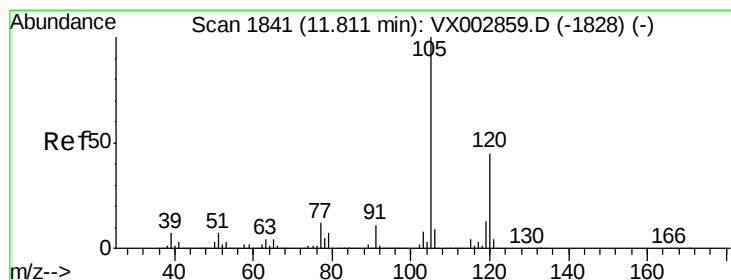
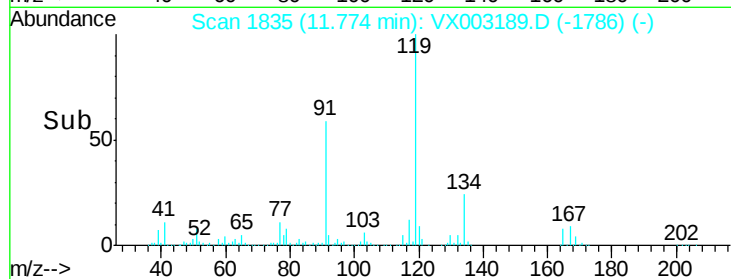
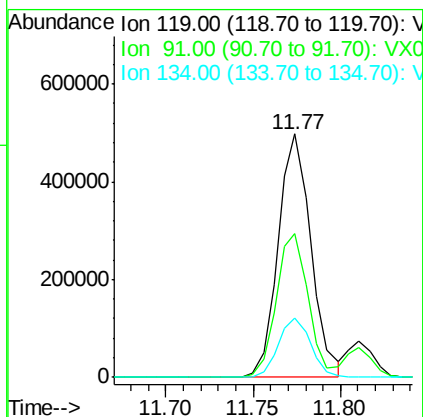
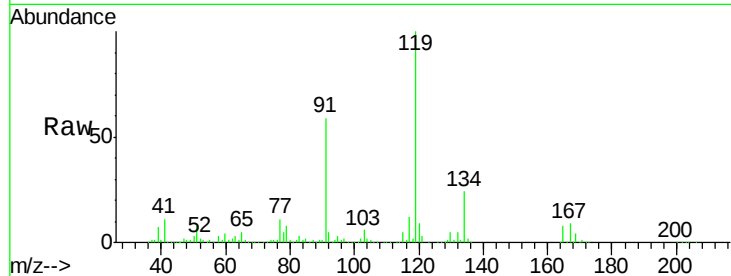
#83
 tert-Butylbenzene
 Concen: 52.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.0	30.3	90.9
134	23.9	11.7	35.1

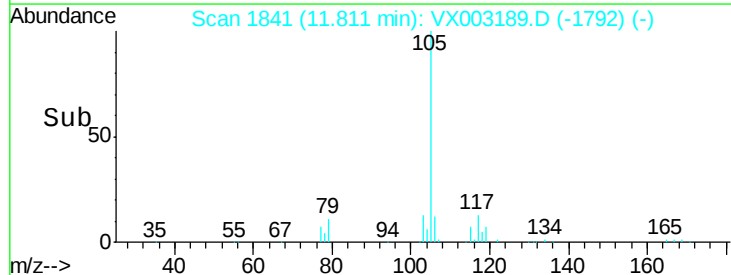
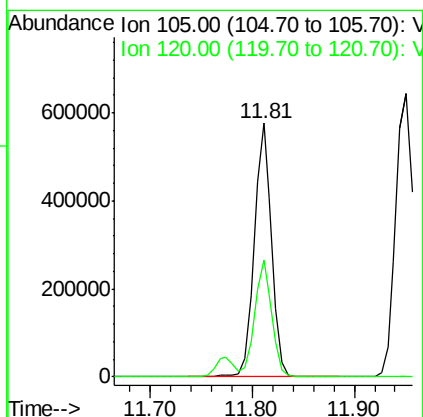
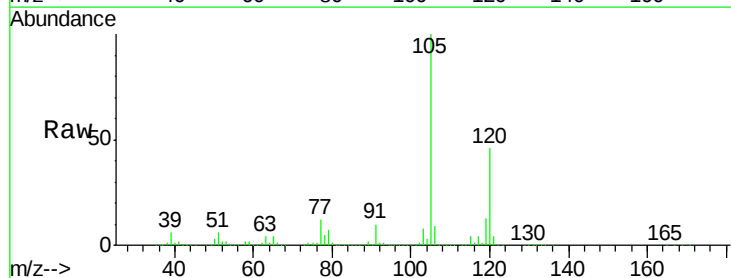
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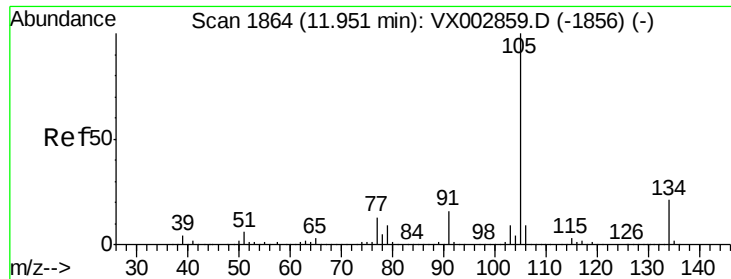
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.33 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 52.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 787455

Ion Ratio Lower Upper

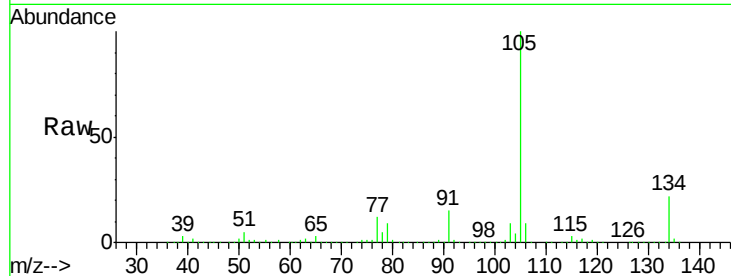
105 100

134 21.3 10.4 31.1

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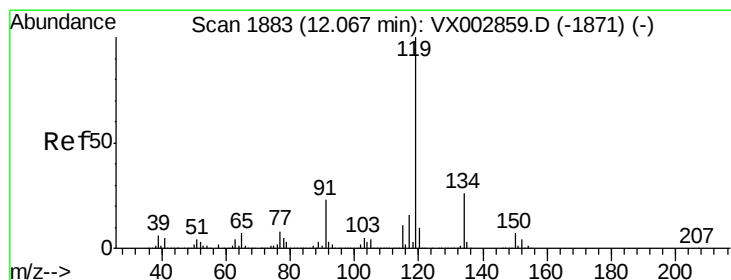
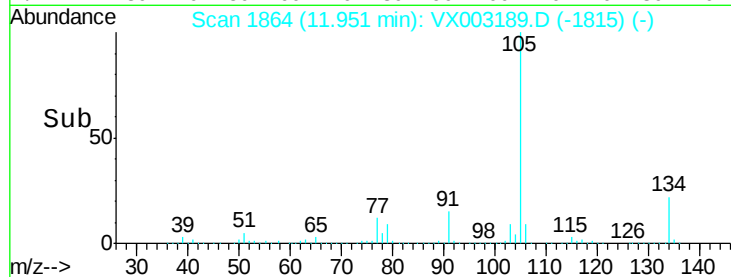
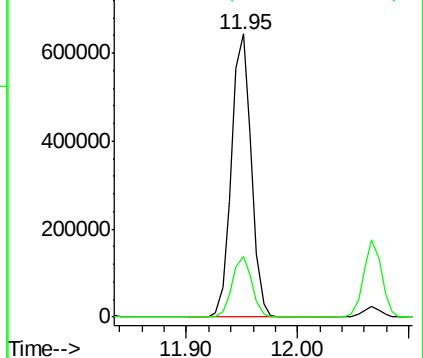
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.39 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

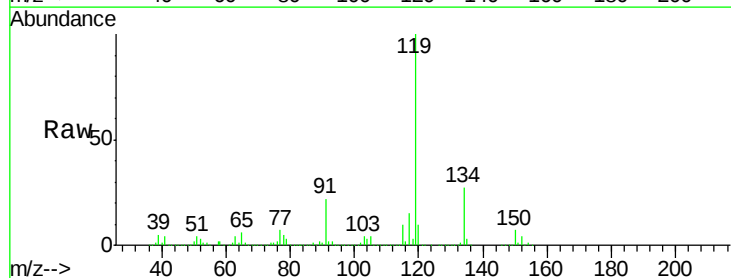
Tgt Ion:119 Resp: 722776

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

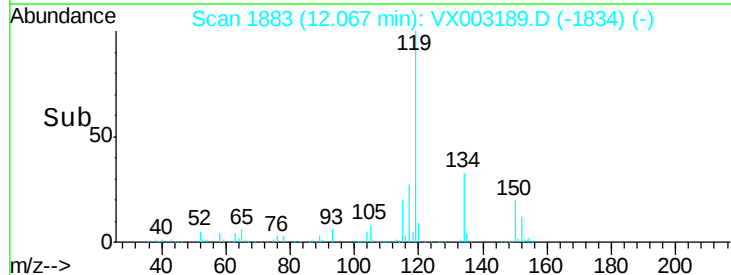
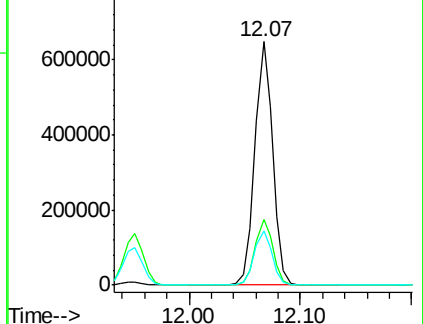
91 22.5 11.9 35.7

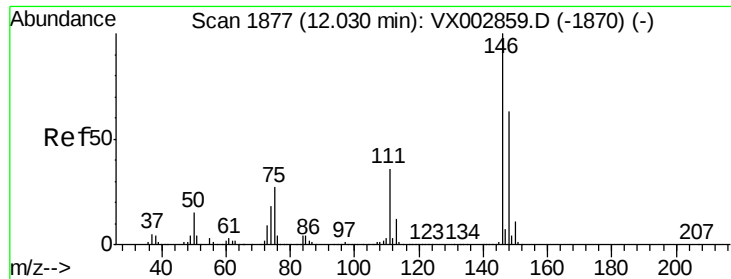


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.88 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

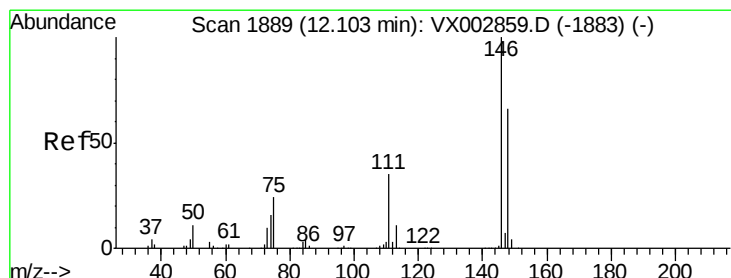
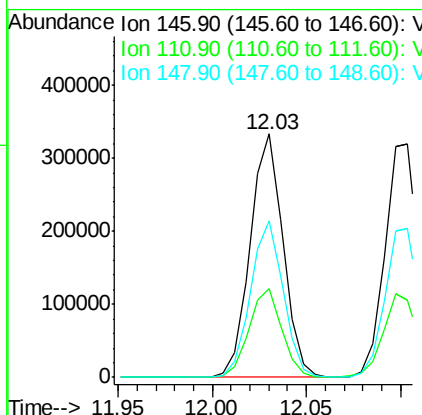
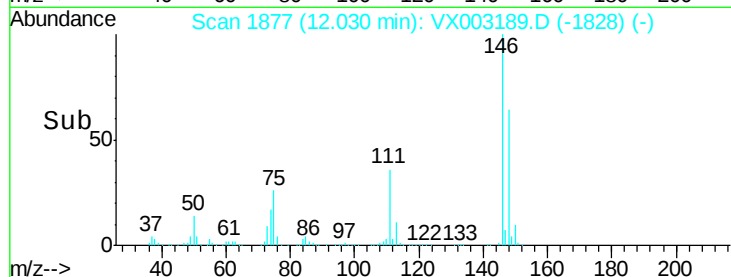
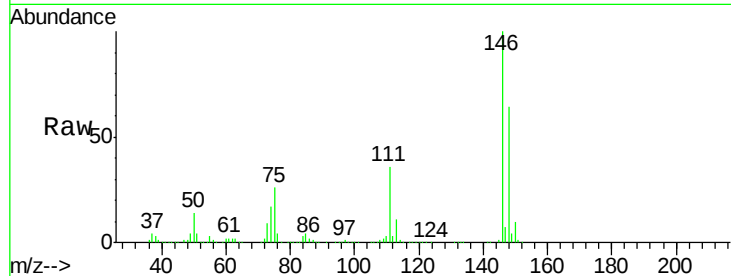
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	403510
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.9	56.7
148	63.9	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 51.04 ug/l

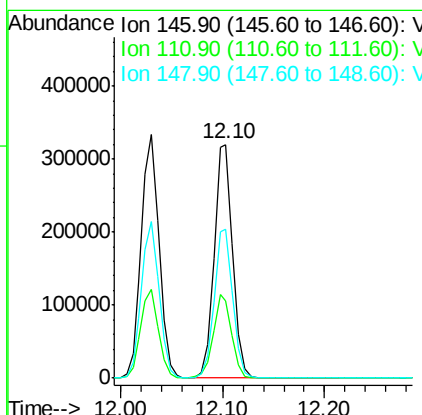
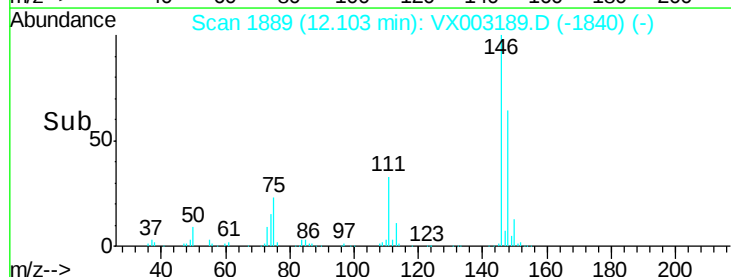
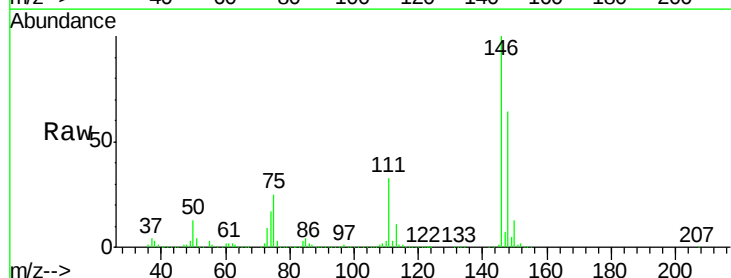
RT: 12.10 min Scan# 1889

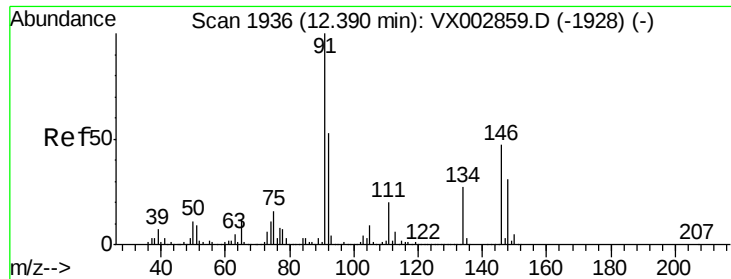
Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	146	Resp:	408521
Ion Ratio	Lower	Upper	
146	100		
111	35.6	18.7	56.1
148	64.3	32.4	97.0





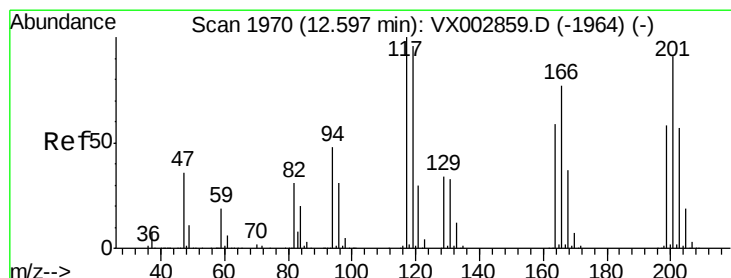
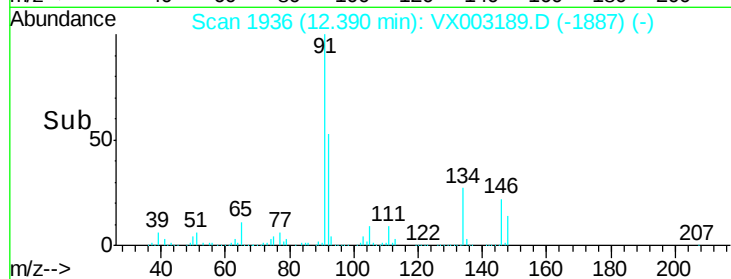
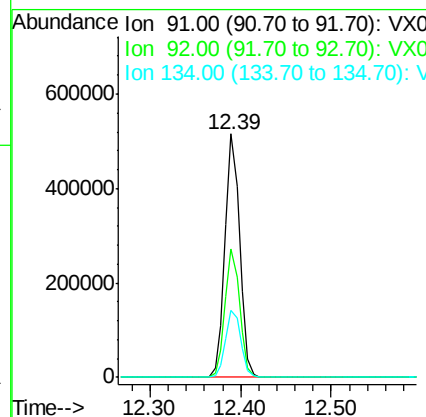
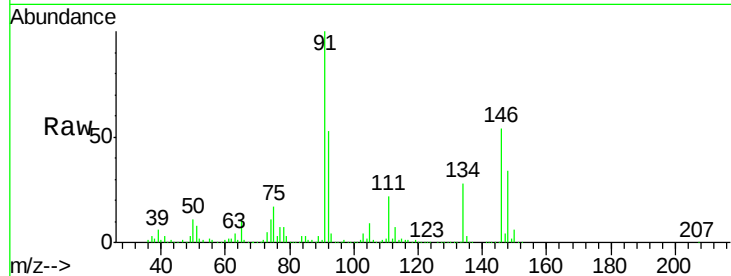
#89
n-Butylbenzene
Concen: 49.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	28.5	13.5	40.5

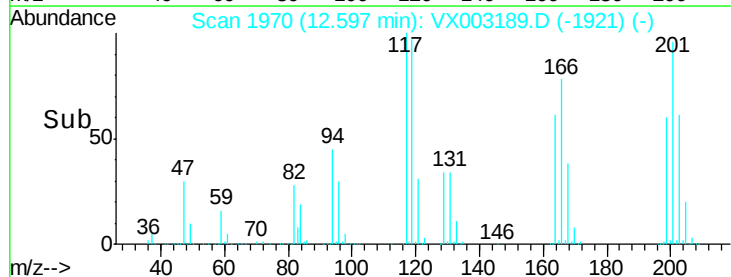
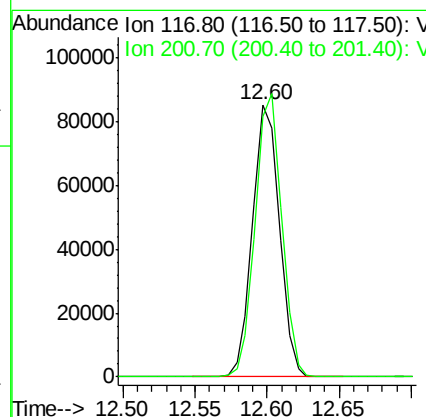
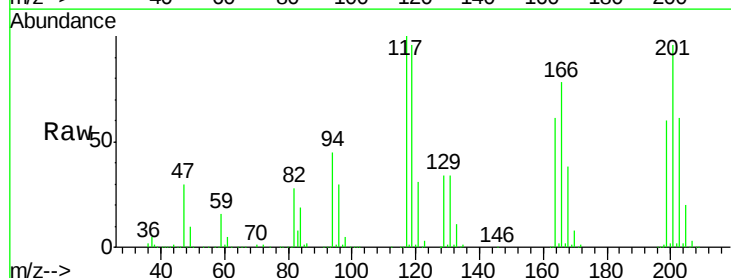
Manual Integrations
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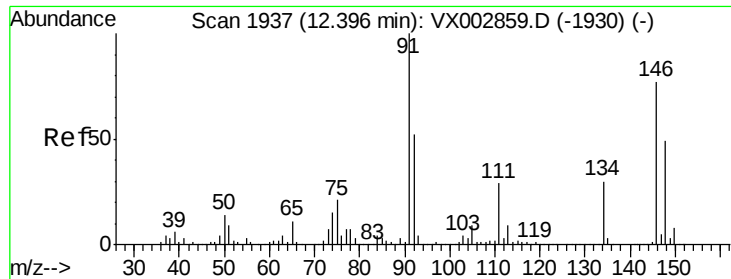
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#90
Hexachloroethane
Concen: 54.56 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003189.D
Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.6	49.0	147.0





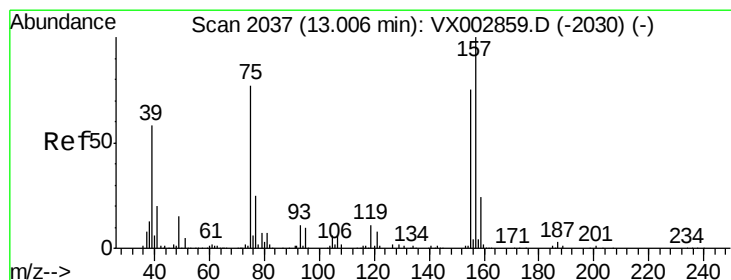
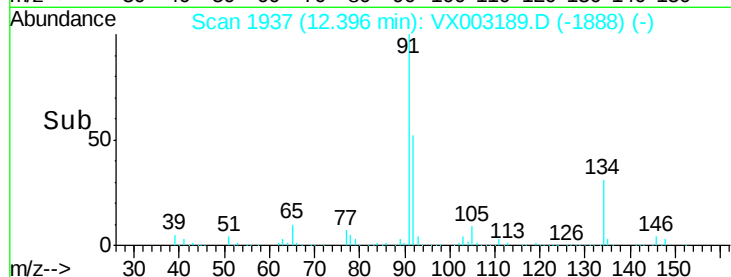
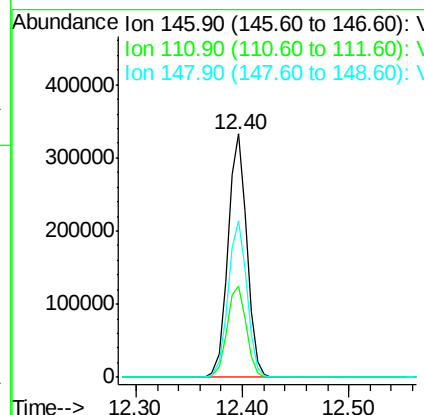
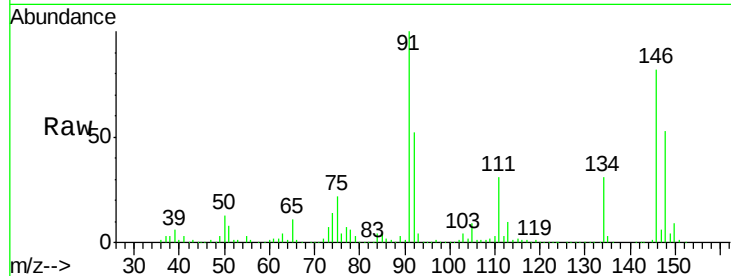
#91
 1,2-Dichlorobenzene
 Concen: 52.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	64.3	31.7	95.1

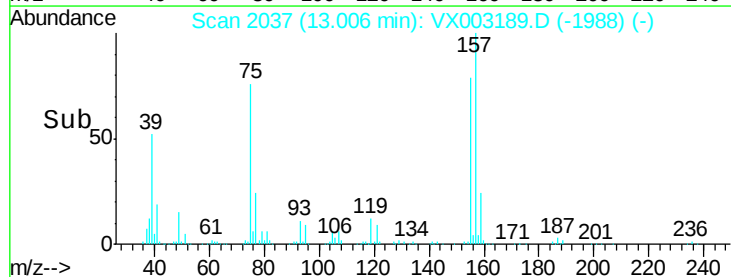
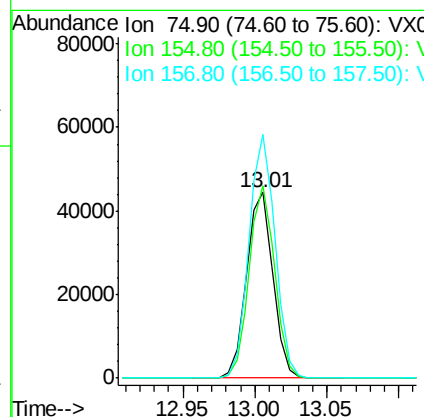
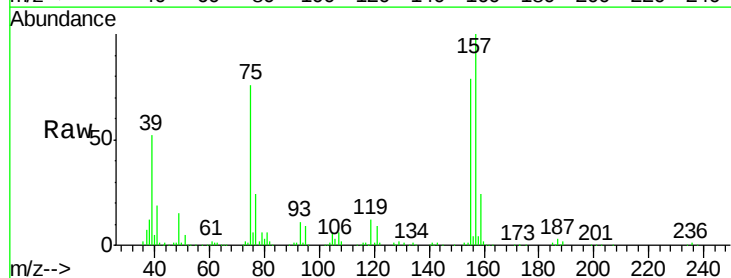
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.07 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.0	45.8	137.4
157	129.4	60.1	180.3





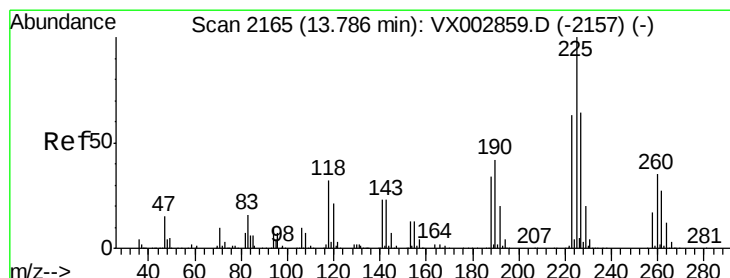
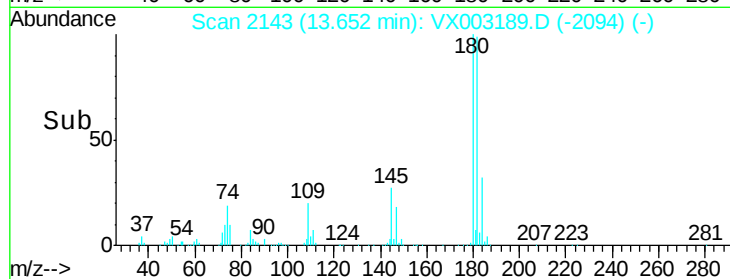
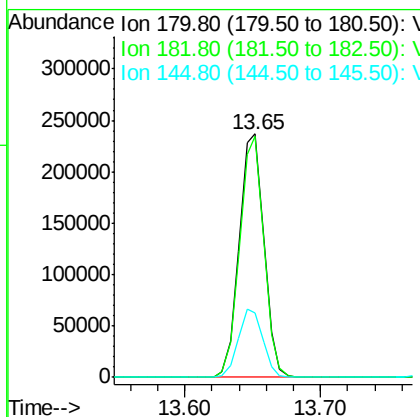
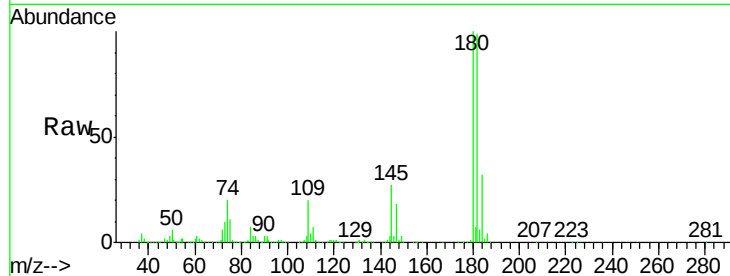
#93
 1,2,4-Trichlorobenzene
 Concen: 52.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	299181		
182	96.5	47.7	143.1	
145	27.8	14.1	42.4	

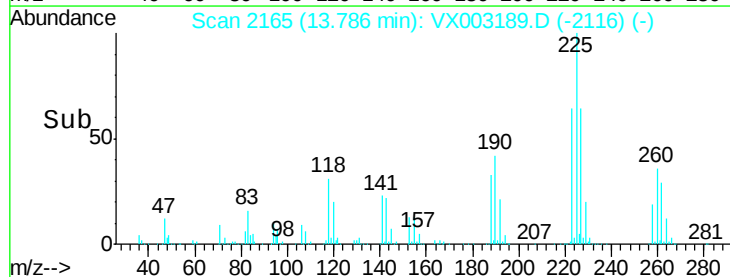
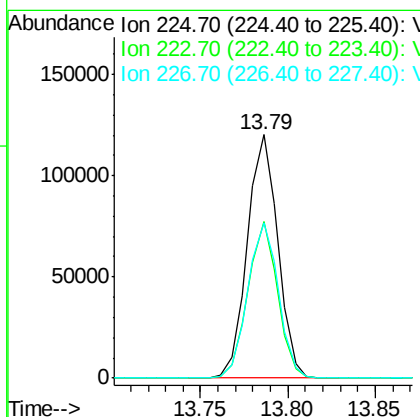
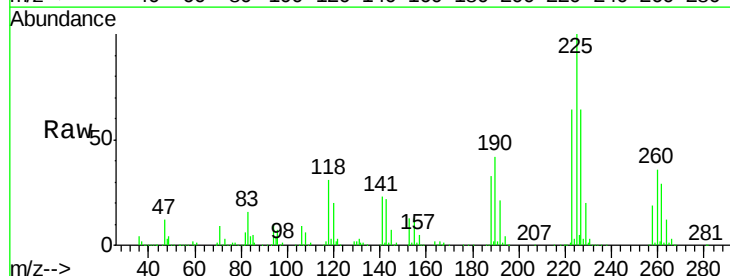
Manual Integrations
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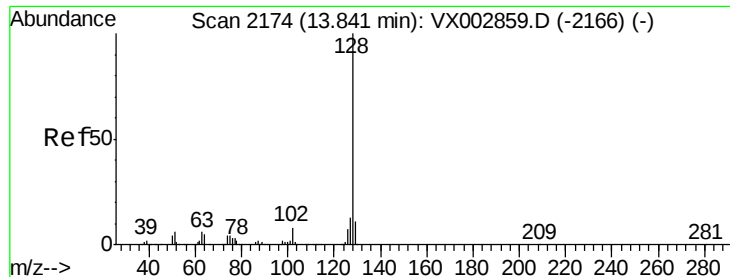
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#94
 Hexachlorobutadiene
 Concen: 50.99 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003189.D
 Acq: 05 Jul 2018 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145293		
223	62.8	31.6	95.0	
227	64.3	32.4	97.2	





#95

Naphthalene

Concen: 57.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Instrument :

MSVOA_X

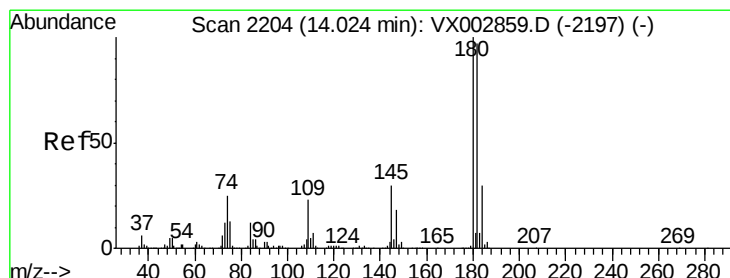
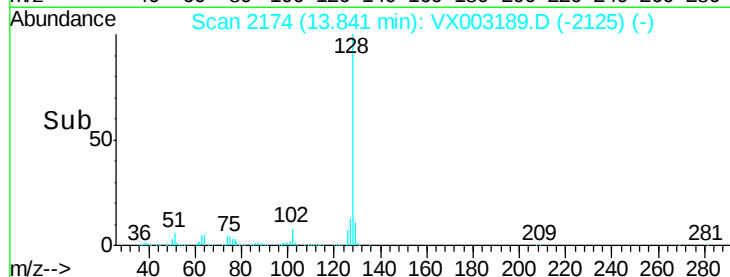
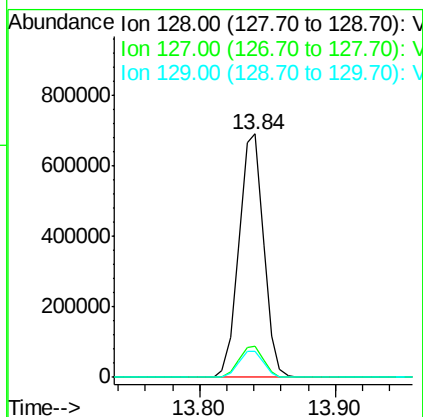
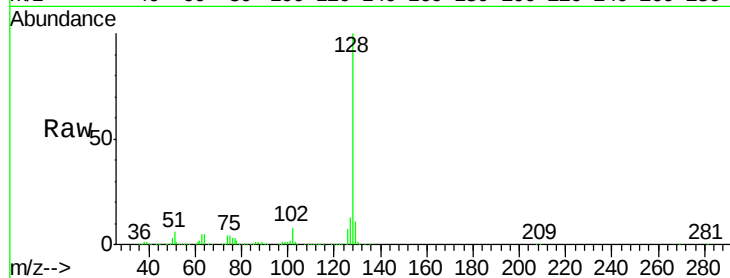
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	869168
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

sam
7/6/2018 4:20:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 56.14 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003189.D

Acq: 05 Jul 2018 23:14

Tgt Ion:	180	Resp:	320379
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.0	144.0
145	29.1	14.8	44.3

