

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003171.D
 Acq On : 05 Jul 2018 14:46
 Operator : JC/MD
 Sample : VX0705WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:16 PM

Quant Time: Jul 05 17:36:37 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	229360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185295	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	171101	53.97	ug/l	0.00
Spiked Amount			Recovery	=	107.94%	
35) Dibromofluoromethane	5.51	113	141889	57.62	ug/l	0.00
Spiked Amount			Recovery	=	115.24%	
50) Toluene-d8	8.72	98	501775	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	11.14	95	196029	56.53	ug/l	0.00
Spiked Amount			Recovery	=	113.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47859	23.21	ug/l	100
3) Chloromethane	1.32	50	51507	23.59	ug/l	99
4) Vinyl Chloride	1.40	62	55078	21.23	ug/l	98
5) Bromomethane	1.64	94	24881	18.85	ug/l	97
6) Chloroethane	1.72	64	35330	22.03	ug/l	99
7) Trichlorofluoromethane	1.93	101	87355	19.97	ug/l	99
8) Diethyl Ether	2.19	74	33265	20.91	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51274	20.22	ug/l	97
10) Methyl Iodide	2.51	142	40166	19.90	ug/l	98
11) Tert butyl alcohol	3.08	59	66388	105.12	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46139	20.40	ug/l	91
13) Acrolein	2.30	56	28451	84.12	ug/l	96
14) Allyl chloride	2.73	41	90599	20.32	ug/l	95
15) Acrylonitrile	3.15	53	144583	107.18	ug/l	99
16) Acetone	2.45	43	131081	99.84	ug/l	97
17) Carbon Disulfide	2.57	76	120646	20.02	ug/l	98
18) Methyl Acetate	2.78	43	71625	19.51	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	164689	20.25	ug/l	100
20) Methylene Chloride	2.86	84	57036	22.32	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50560	20.52	ug/l	95
22) Diisopropyl ether	3.88	45	172814	20.28	ug/l	98
23) Vinyl Acetate	3.82	43	764586	105.94	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95420	20.60	ug/l	99
25) 2-Butanone	4.71	43	216232	110.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	78677	20.89	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59888	21.68	ug/l	99
28) Bromochloromethane	5.02	49	44921	20.26	ug/l	89
29) Tetrahydrofuran	5.18	42	137646	110.16	ug/l	96
30) Chloroform	5.22	83	101142	21.27	ug/l	97
31) Cyclohexane	5.58	56	81629	20.53	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	87972	21.03	ug/l	99
36) 1,1-Dichloropropene	5.80	75	71223	20.89	ug/l	97
37) Ethyl Acetate	4.87	43	81707	22.25	ug/l	97
38) Carbon Tetrachloride	5.79	117	79401	21.22	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83687	21.07	ug/l	98
40) Benzene	6.15	78	219551	22.16	ug/l	99
41) Methacrylonitrile	5.07	41	45961	21.74	ug/l	98
42) 1,2-Dichloroethane	6.20	62	84163	21.03	ug/l	98
43) Isopropyl Acetate	6.48	43	126967	20.62	ug/l	98
44) Trichloroethene	7.21	130	63602	21.53	ug/l	98
45) 1,2-Dichloropropane	7.52	63	57982	22.06	ug/l	98
46) Dibromomethane	7.67	93	39348	21.57	ug/l	96
47) Bromodichloromethane	7.90	83	71602	21.24	ug/l	99
48) Methyl methacrylate	7.79	41	65108	20.52	ug/l	95
49) 1,4-Dioxane	7.76	88	27935	452.56	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	421085	109.30	ug/l	98
52) Toluene	8.79	92	139870	22.04	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	84937	22.24	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	76269	20.76	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	57386	22.00	ug/l	98
56) Ethyl methacrylate	9.19	69	81421	21.36	ug/l	93
57) 1,3-Dichloropropane	9.38	76	94388	22.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	212727	115.68	ug/l	97
59) 2-Hexanone	9.50	43	325976	111.33	ug/l	97
60) Dibromochloromethane	9.59	129	59262	21.58	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60851	22.24	ug/l	100
64) Tetrachloroethene	9.34	164	72064	21.44	ug/l	99
65) Chlorobenzene	10.14	112	163770	21.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	59611	21.37	ug/l	98
67) Ethyl Benzene	10.26	91	268396	21.16	ug/l	99
68) m/p-Xylenes	10.36	106	209380	42.83	ug/l	98
69) o-Xylene	10.70	106	100874	21.19	ug/l	98
70) Styrene	10.71	104	167504	21.66	ug/l	99
71) Bromoform	10.86	173	46981	21.09	ug/l	98
73) Isopropylbenzene	11.02	105	279125	22.39	ug/l	99
74) N-amyl acetate	6.48	43	126967	20.82	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87044	22.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74788m	22.28	ug/l	
77) Bromobenzene	11.26	156	78073	21.99	ug/l	96
78) n-propylbenzene	11.36	91	310064	21.85	ug/l	98
79) 2-Chlorotoluene	11.43	91	187856	21.87	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	232738	22.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20982	20.28	ug/l	94
82) 4-Chlorotoluene	11.51	91	219674	21.60	ug/l	99
83) tert-Butylbenzene	11.77	119	226085	21.85	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	240541	22.11	ug/l	98
85) sec-Butylbenzene	11.95	105	272378	21.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	243565	21.58	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	138471	21.36	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140035	20.99	ug/l	100
89) n-Butylbenzene	12.39	91	197461	20.10	ug/l	100
90) Hexachloroethane	12.60	117	33647	20.05	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	140062	21.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17448	20.21	ug/l	93

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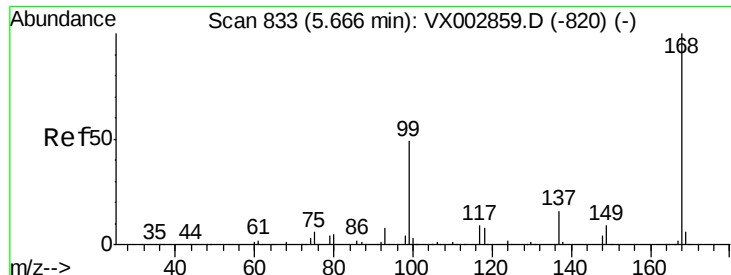
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97889	20.55	ug/l	100
94) Hexachlorobutadiene	13.79	225	50397	21.22	ug/l	99
95) Naphthalene	13.84	128	275696	21.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101968	21.44	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion:168 Resp: 229360

Ion Ratio Lower Upper

168 100

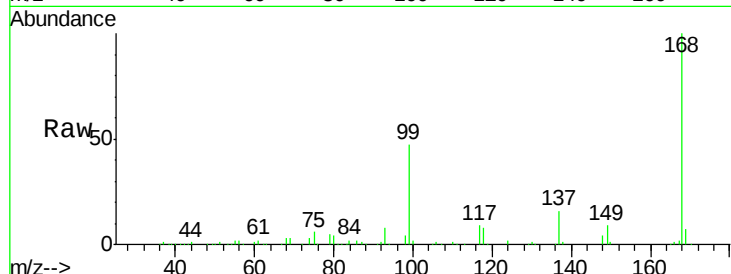
99 46.7 39.3 58.9

Manual Integrations

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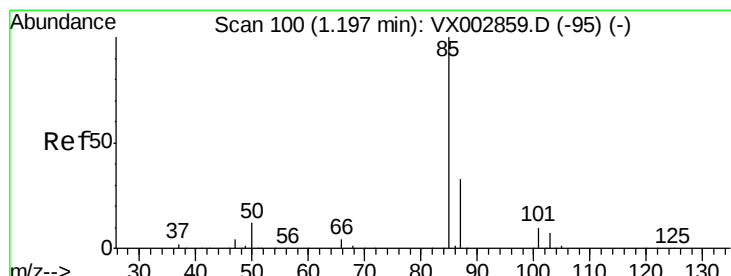
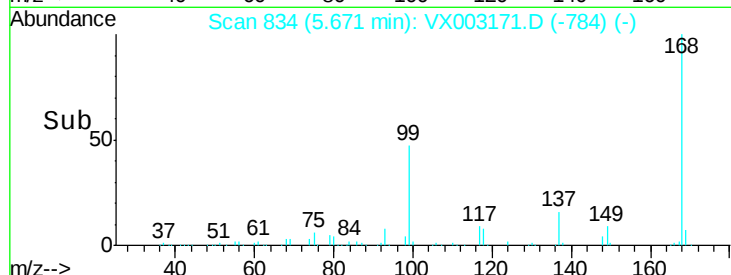
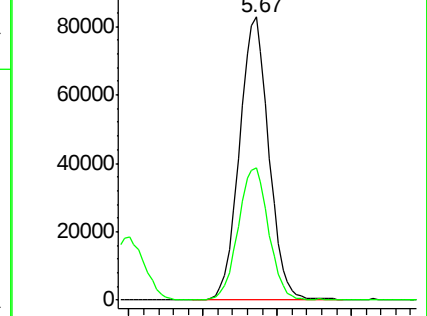
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 23.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003171.D

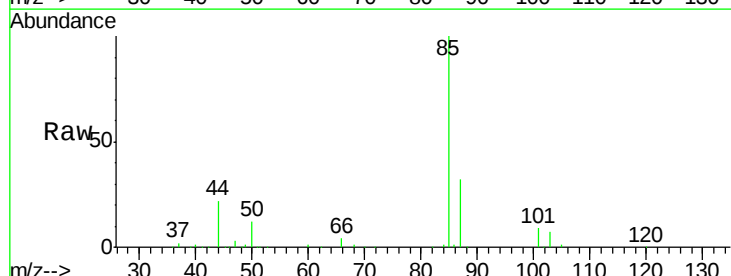
Acq: 05 Jul 2018 14:46

Tgt Ion: 85 Resp: 47859

Ion Ratio Lower Upper

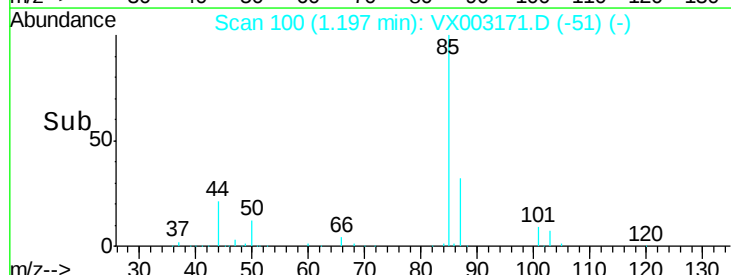
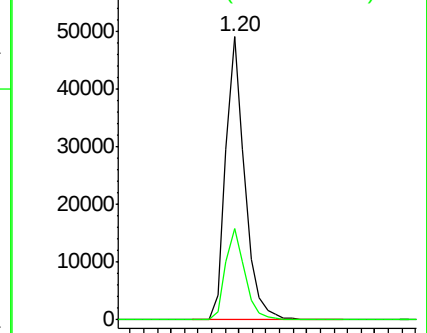
85 100

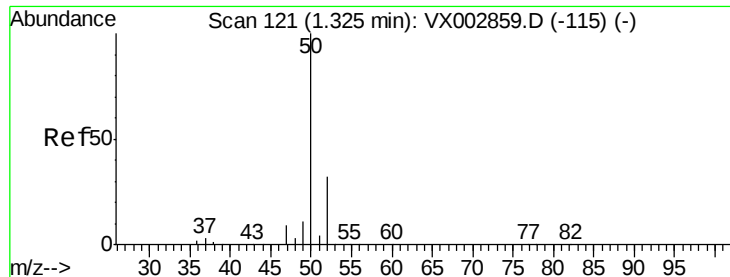
87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion: 50 Resp: 51507

Ion Ratio Lower Upper

50 100

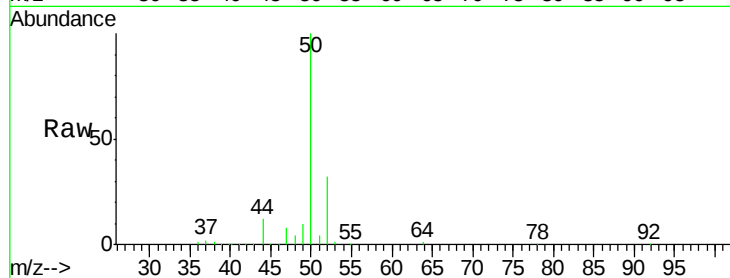
52 31.8 25.7 38.5

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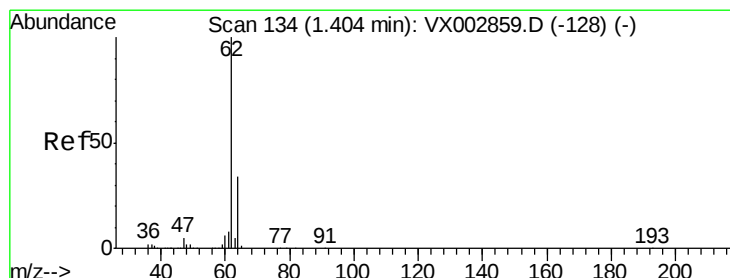
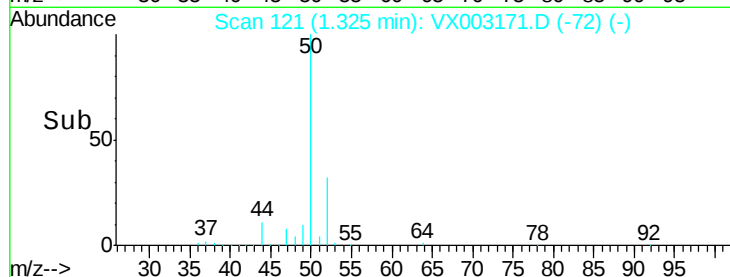
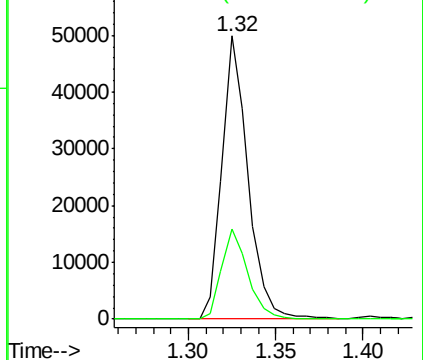
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003171.D

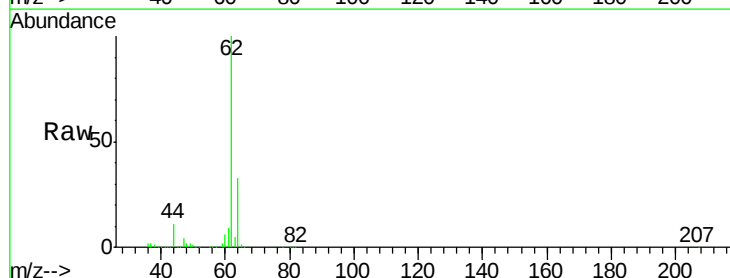
Acq: 05 Jul 2018 14:46

Tgt Ion: 62 Resp: 55078

Ion Ratio Lower Upper

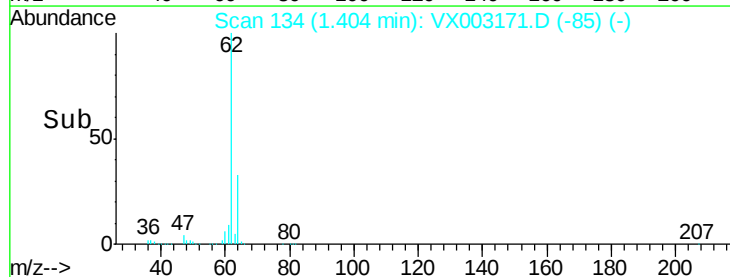
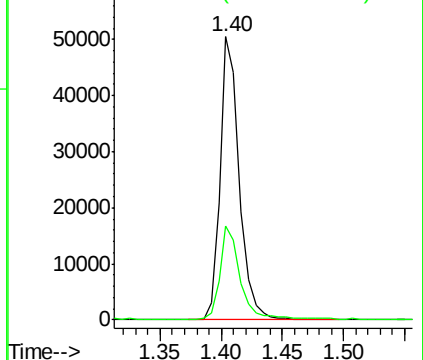
62 100

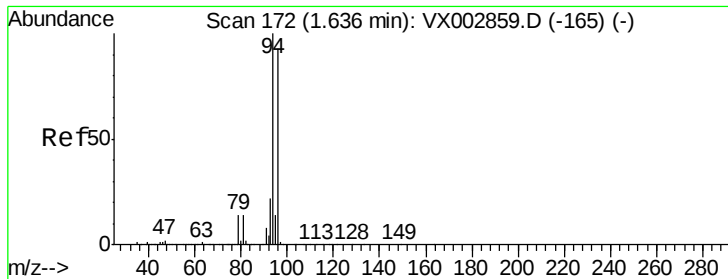
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion: 94 Resp: 24881

Ion Ratio Lower Upper

94 100

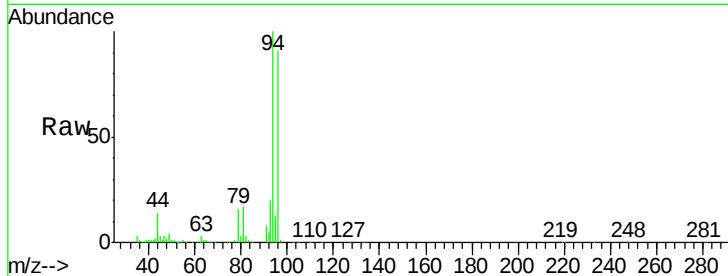
96 90.7 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

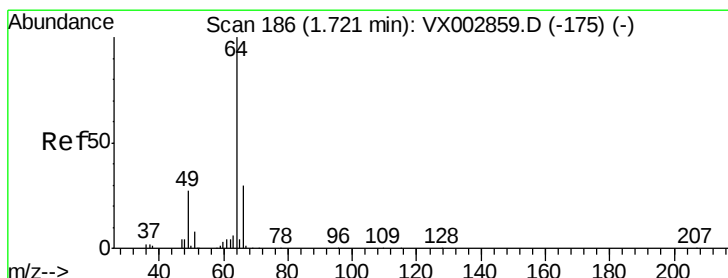
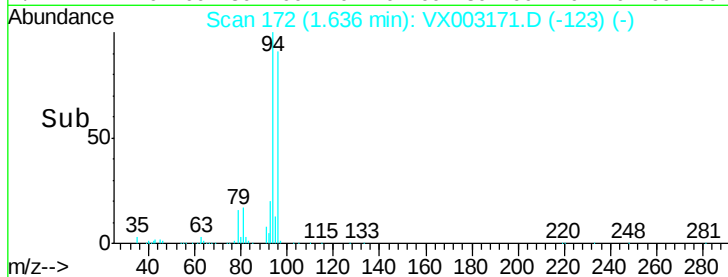
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 22.03 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003171.D

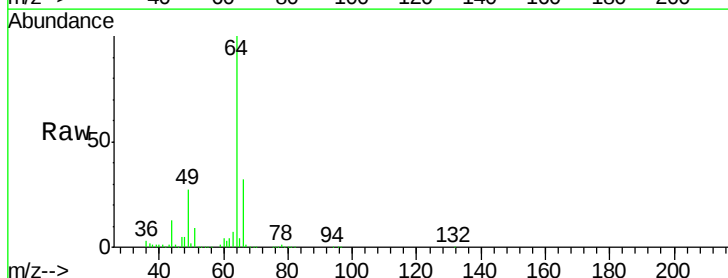
Acq: 05 Jul 2018 14:46

Tgt Ion: 64 Resp: 35330

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

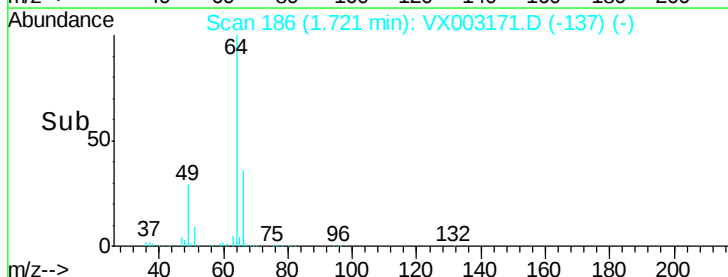
15000

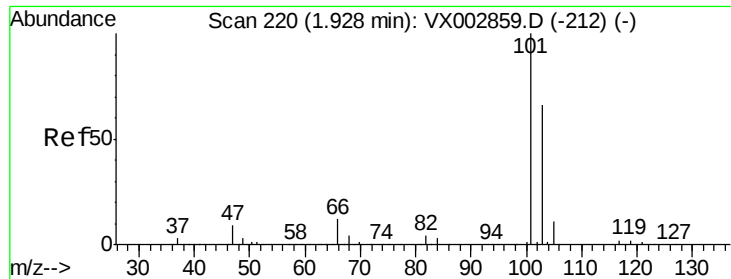
10000

5000

0

Time--> 1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 19.97 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion:101 Resp: 87355

Ion Ratio Lower Upper

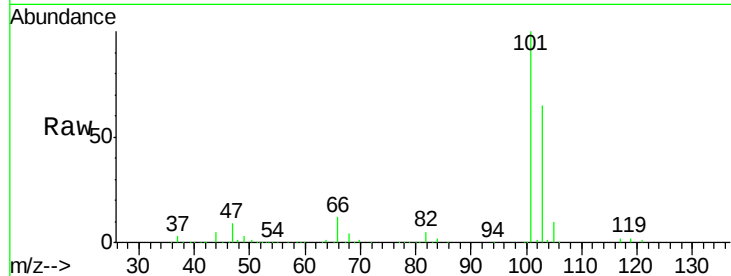
101 100

103 64.8 52.8 79.2

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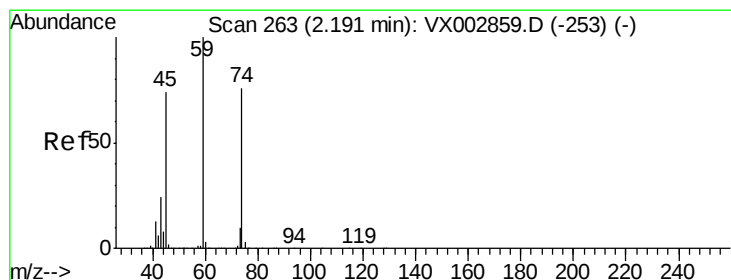
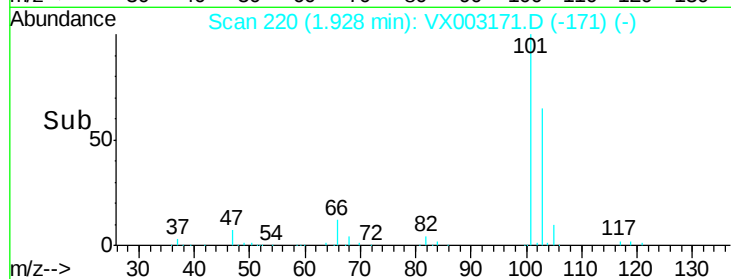
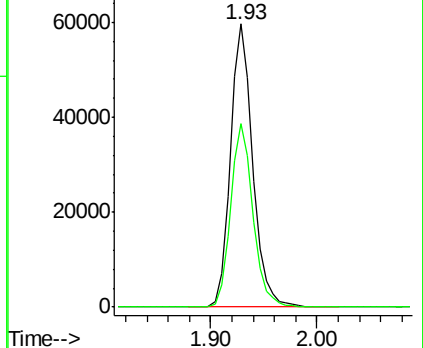
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.91 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003171.D

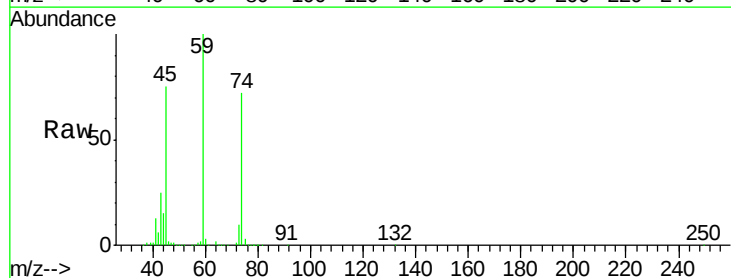
Acq: 05 Jul 2018 14:46

Tgt Ion: 74 Resp: 33265

Ion Ratio Lower Upper

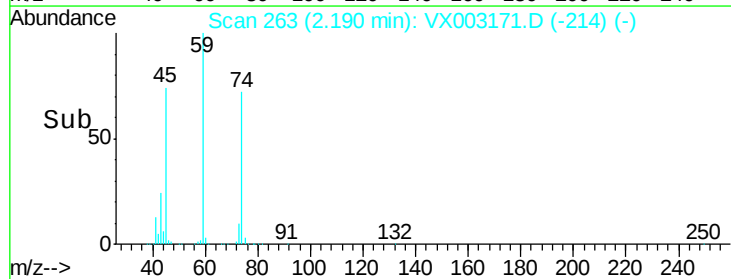
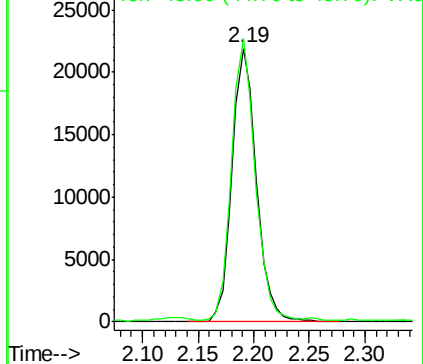
74 100

45 100.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

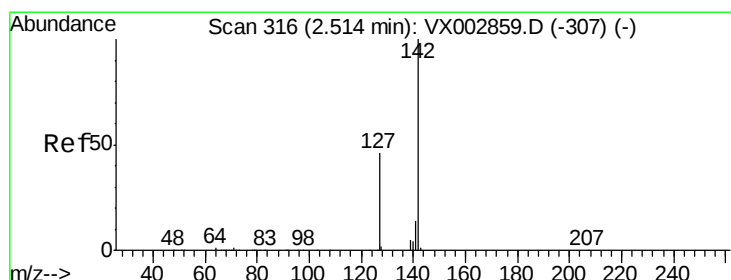
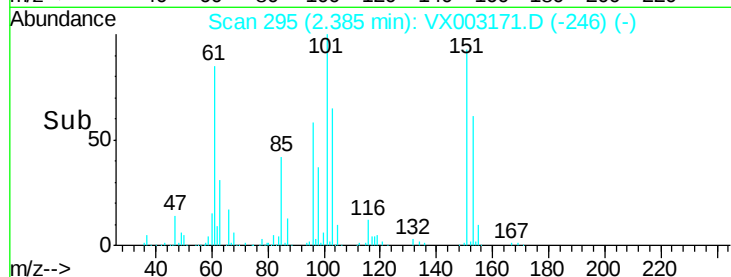
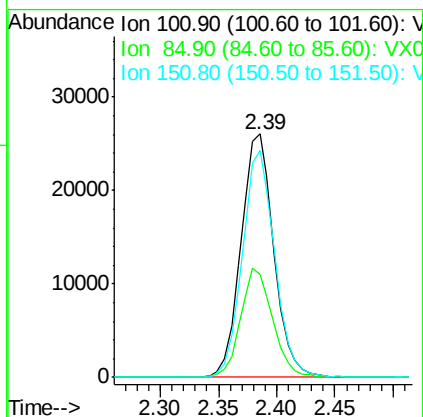
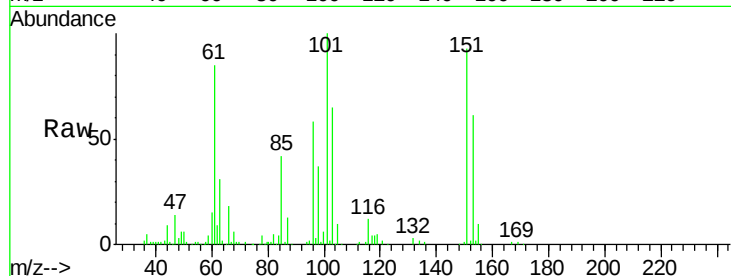
ClientSampleId :

VX0705WBS02

Tot Ion:	101	Resp:	51274
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	91.8	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.90 ug/l

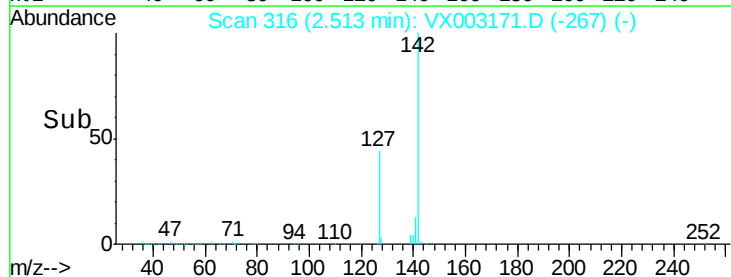
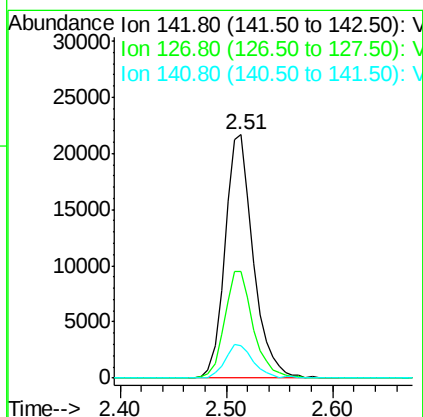
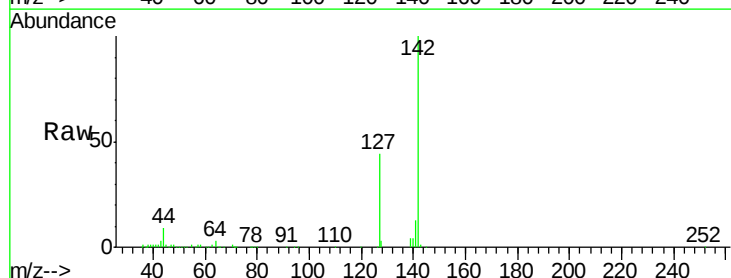
RT: 2.51 min Scan# 316

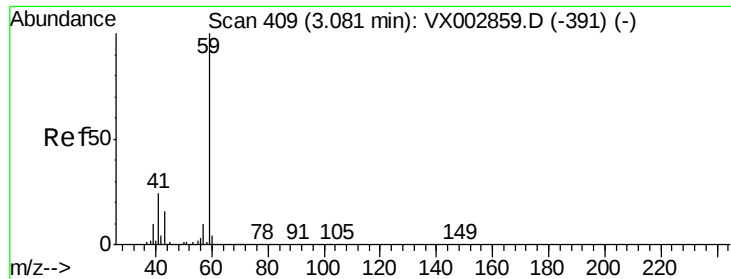
Delta R.T. 0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	142	Resp:	40166
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.6	55.0
141	13.8	11.3	16.9





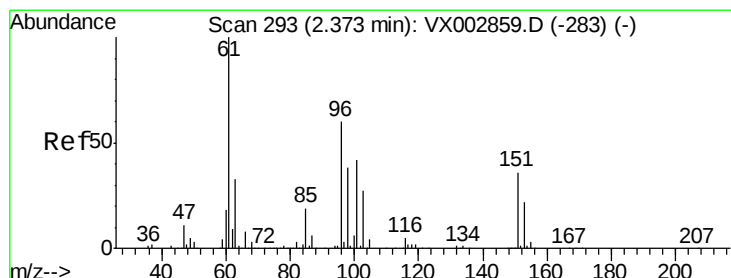
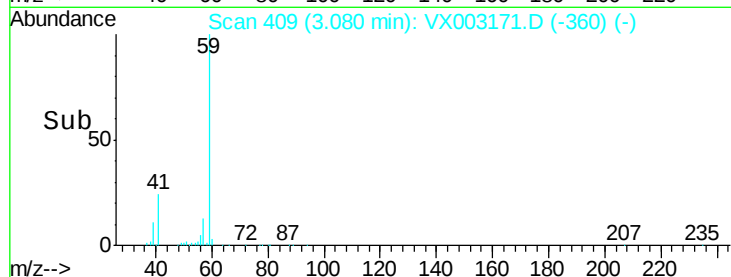
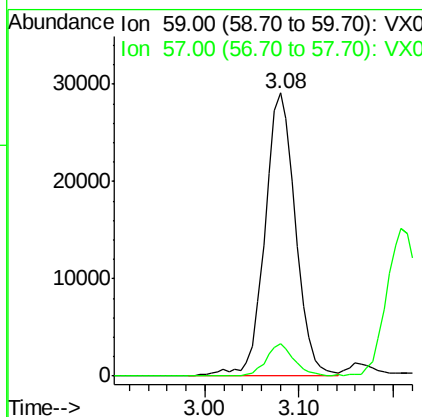
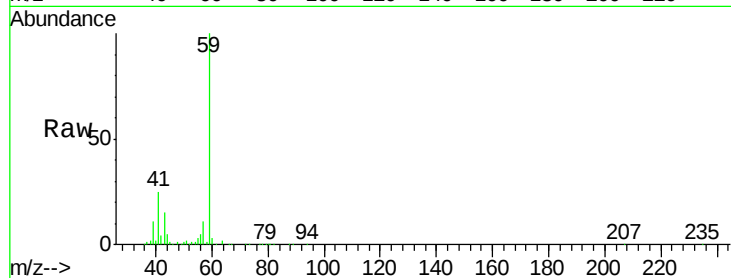
#11
Tert butyl alcohol
Concen: 105.12 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion: 59 Resp: 66388
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

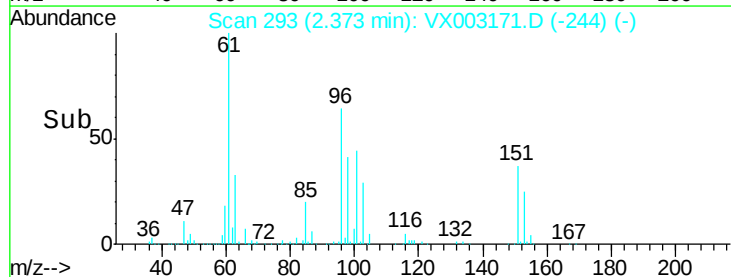
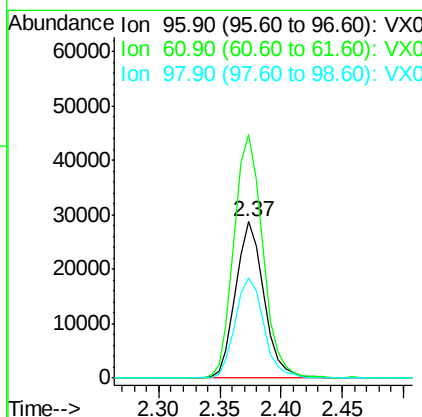
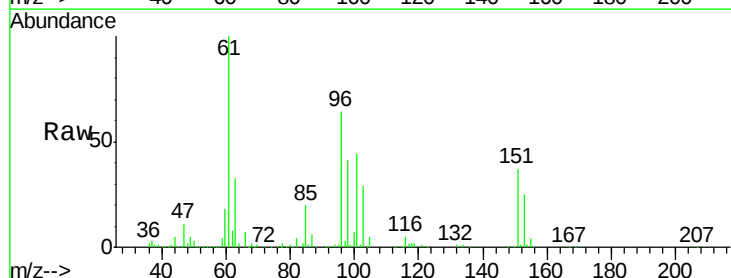
Manual Integrations
APPROVED

sam
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#12
1,1-Dichloroethene
Concen: 20.40 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion: 96 Resp: 46139
Ion Ratio Lower Upper
96 100
61 155.8 137.9 206.9
98 64.3 51.6 77.4





#13

Acrolein

Concen: 84.12 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion: 56 Resp: 28451

Ion Ratio Lower Upper

56 100

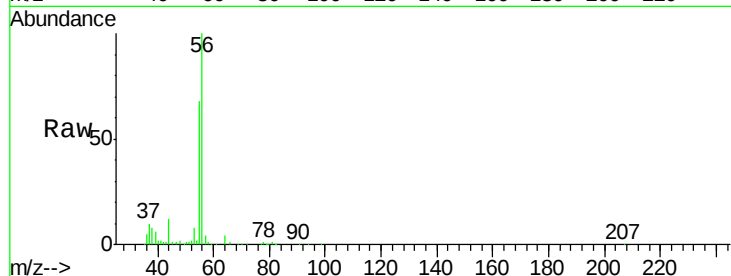
55 74.6 57.0 85.4

Manual Integrations

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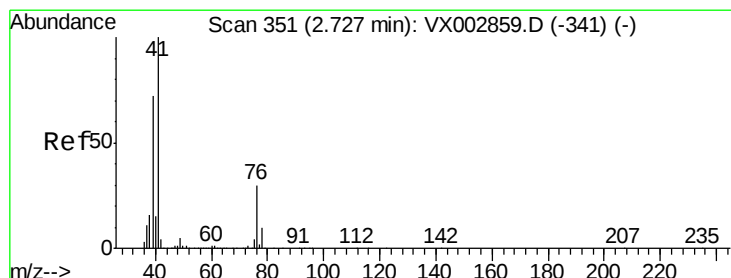
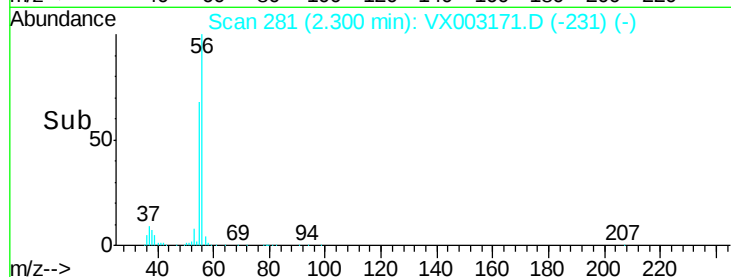
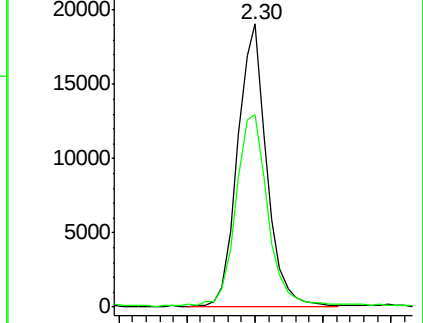
sam

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.32 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

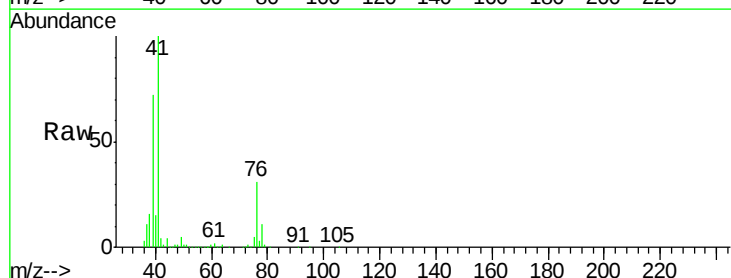
Tgt Ion: 41 Resp: 90599

Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

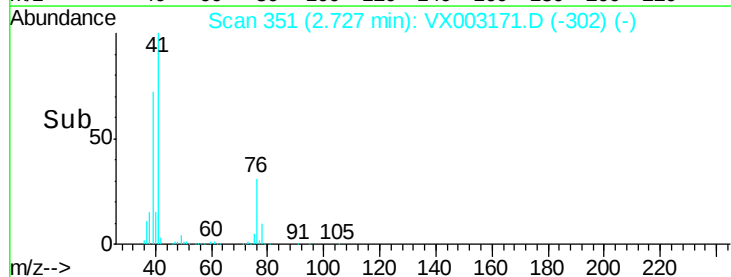
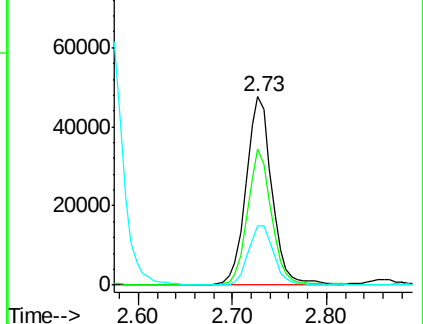
76 31.2 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

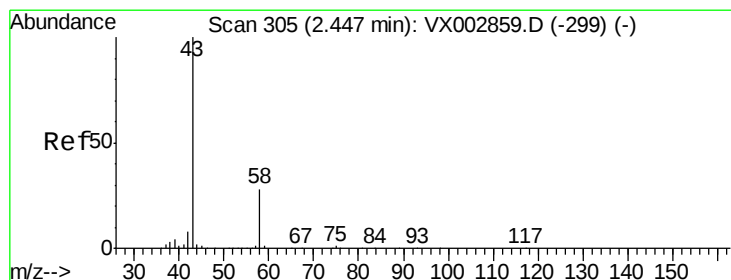
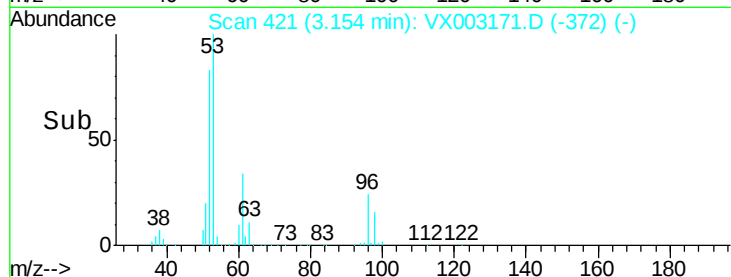
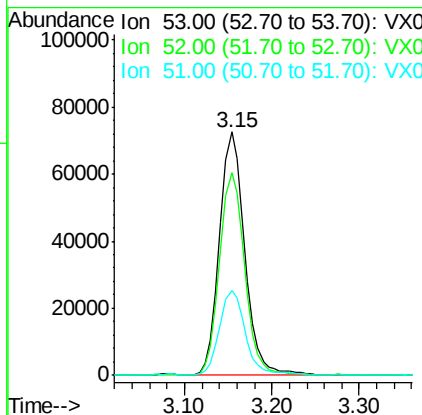
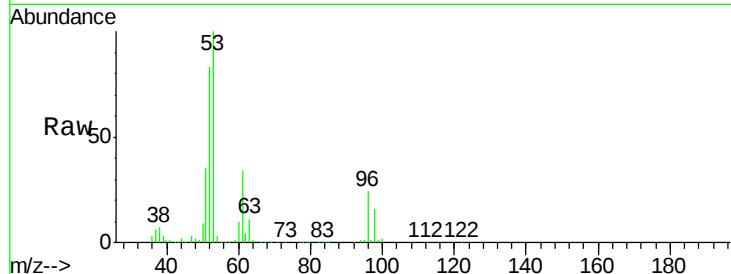
ClientSampleId :

VX0705WBS02

Tot Ion:	53	Resp:	144583
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.7	100.1
51	35.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 99.84 ug/l

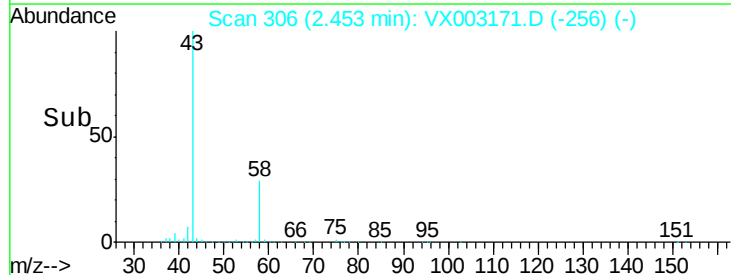
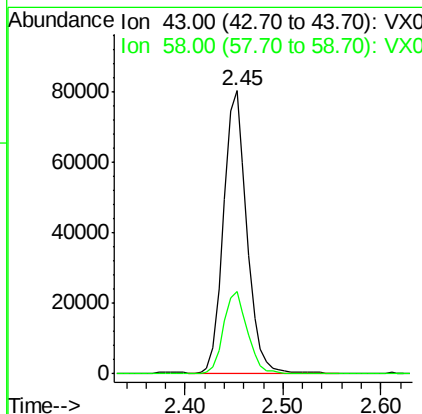
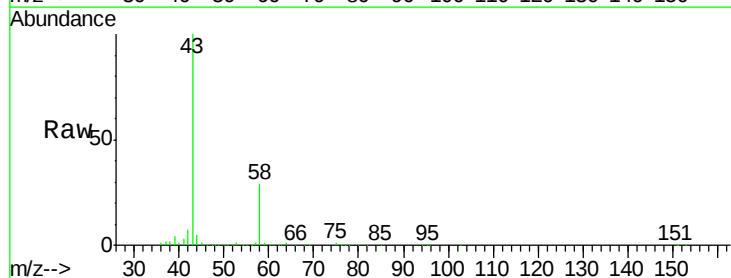
RT: 2.45 min Scan# 306

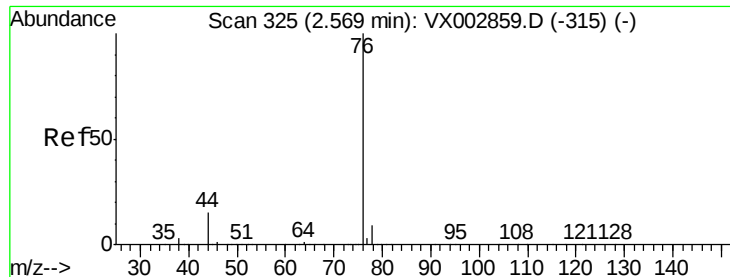
Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	43	Resp:	131081
Ion Ratio	Lower	Upper	
43	100		
58	29.3	22.1	33.1





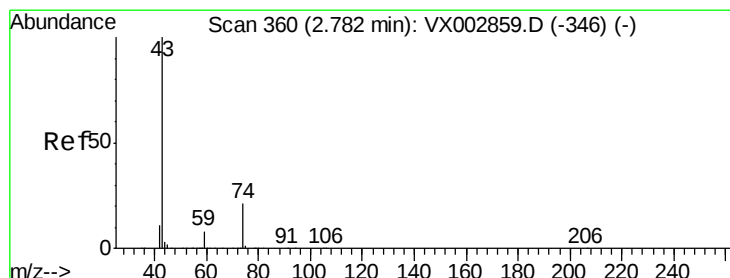
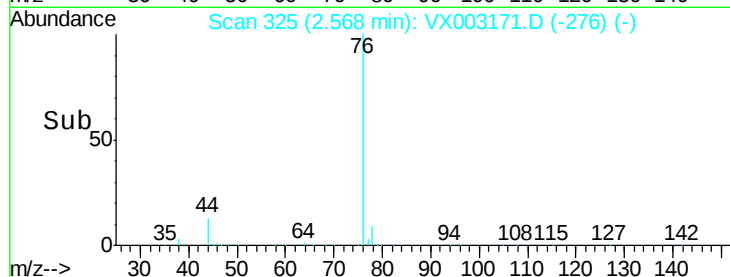
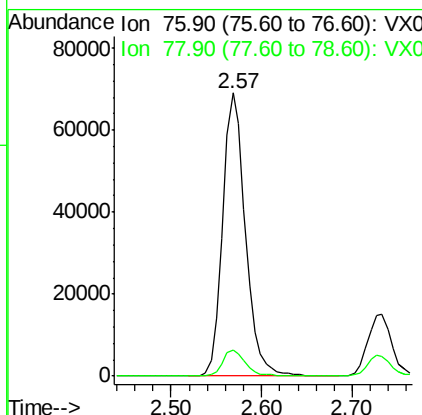
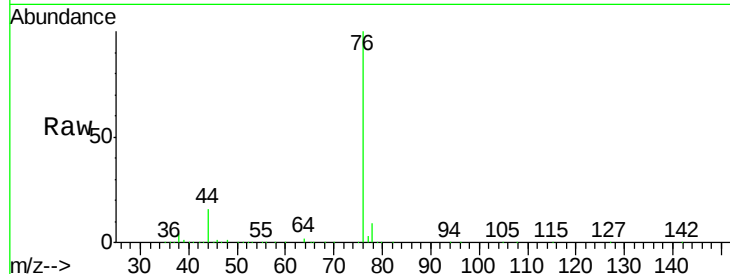
#17
Carbon Disulfide
Concen: 20.02 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

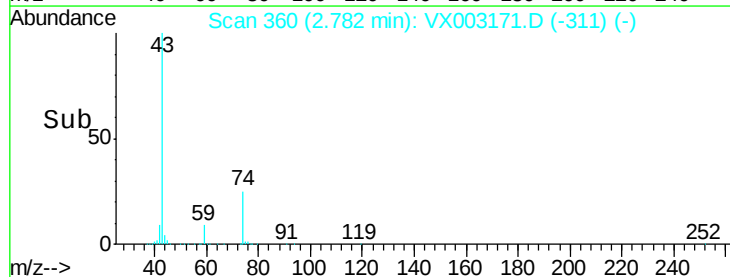
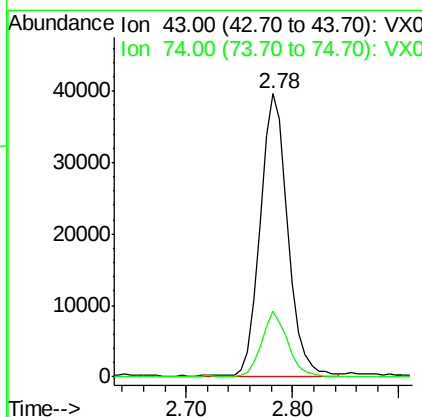
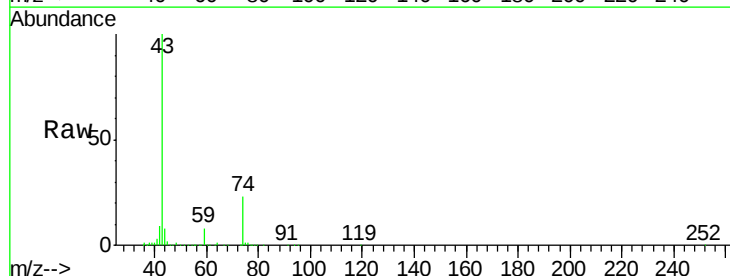
Manual Integrations
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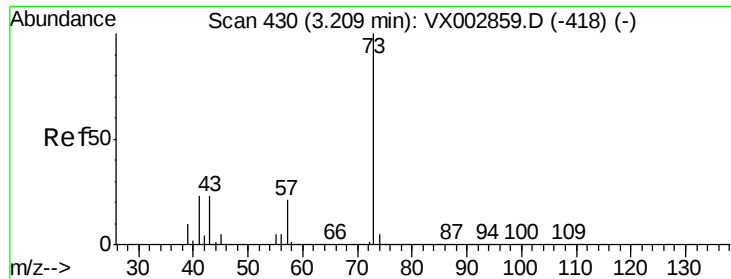
sam
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#18
Methyl Acetate
Concen: 19.51 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1





#19

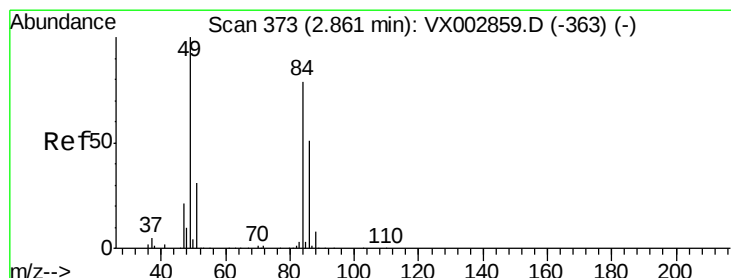
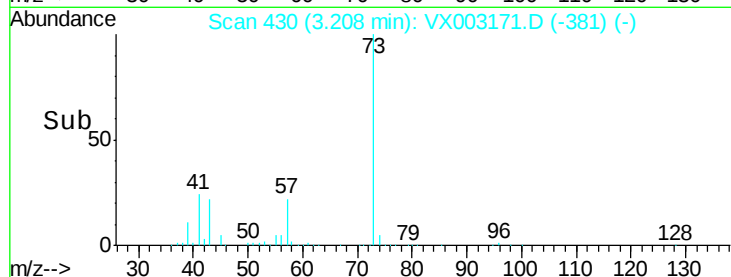
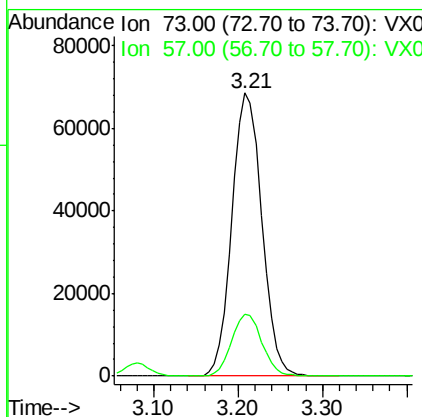
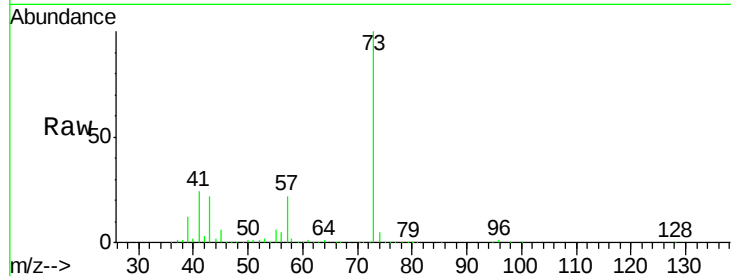
Methyl tert-butyl Ether
 Concen: 20.25 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5

Manual Integrations
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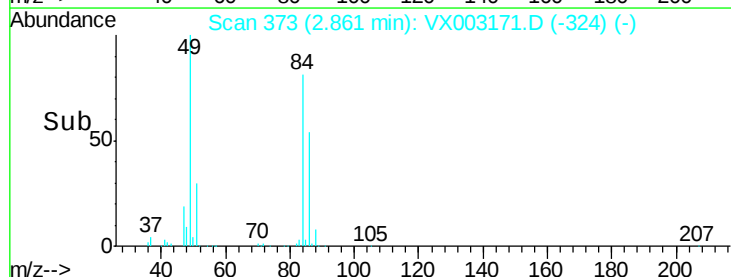
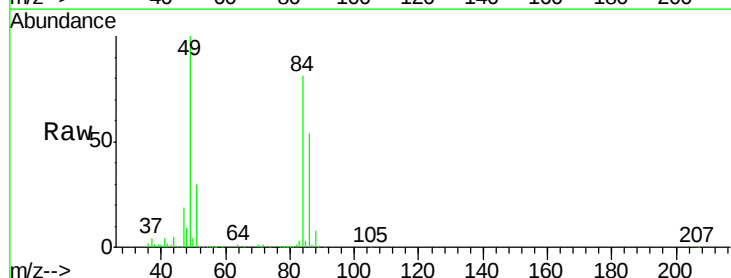
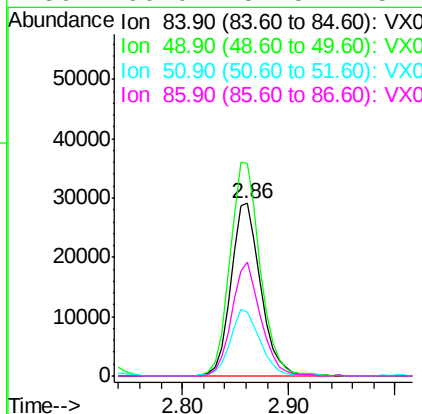
sam
 7/6/2018 4:20:16 PM



#20

Methylene Chloride
 Concen: 22.32 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	107.8	161.6
51	36.8	32.8	49.2
86	66.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 20.52 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion: 96 Resp: 50560

Ion Ratio Lower Upper

96 100

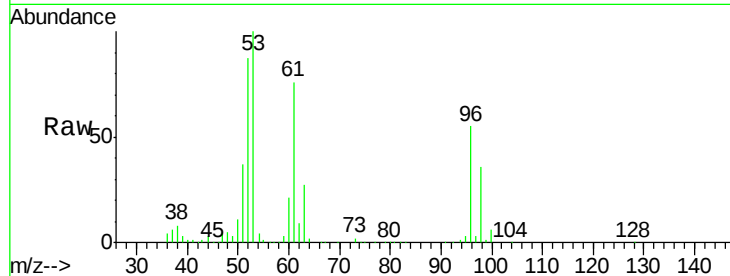
61 137.3 117.0 175.4

98 64.3 52.4 78.6

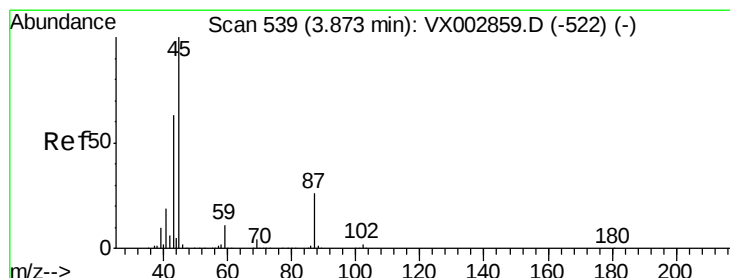
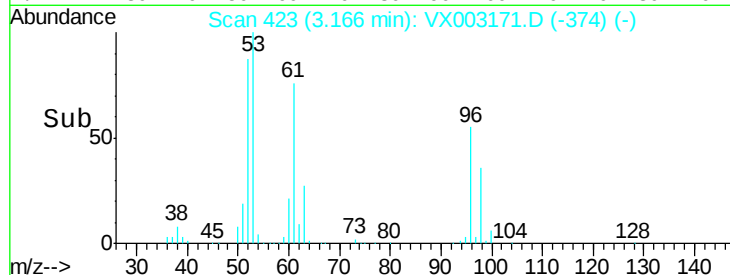
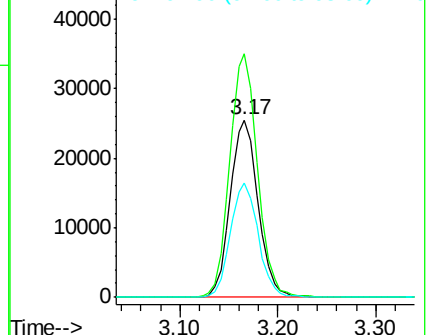
Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion: 45 Resp: 172814

Ion Ratio Lower Upper

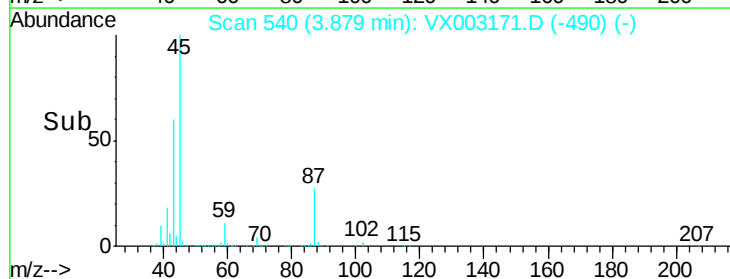
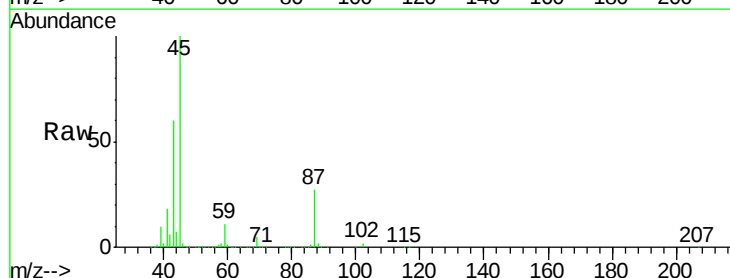
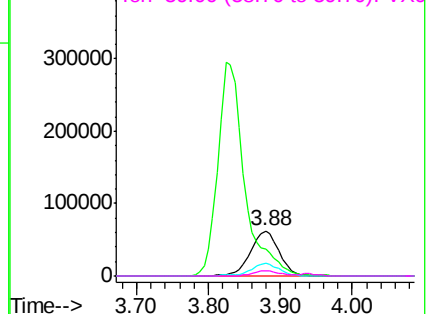
45 100

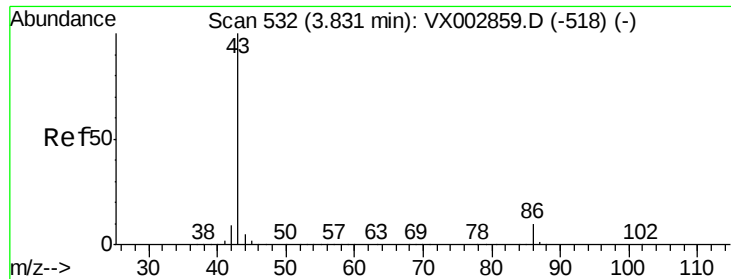
43 59.1 46.8 70.2

87 27.4 20.2 30.4

59 10.9 8.7 13.1

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.94 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion: 43 Resp: 764586

Ion Ratio Lower Upper

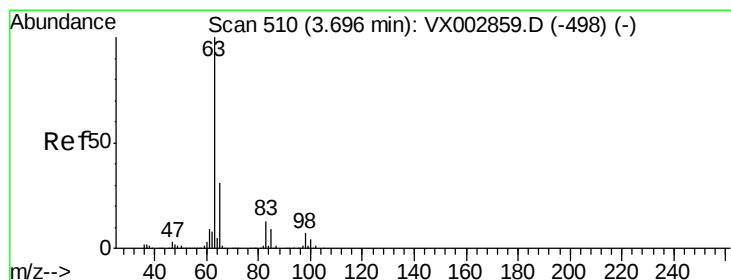
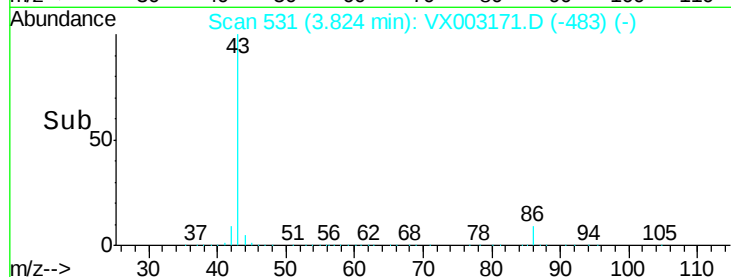
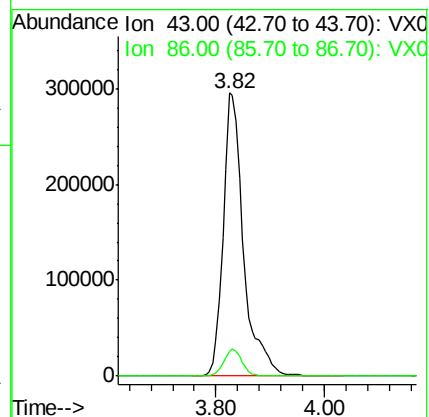
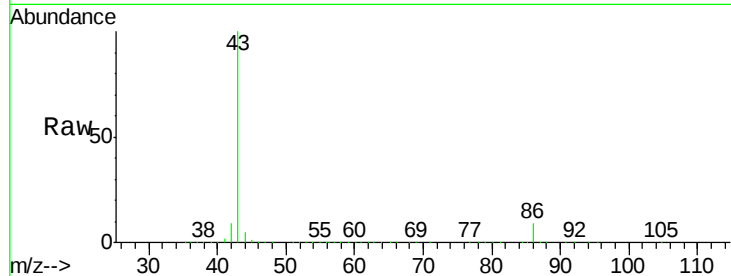
43 100

86 9.0 7.4 11.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.60 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

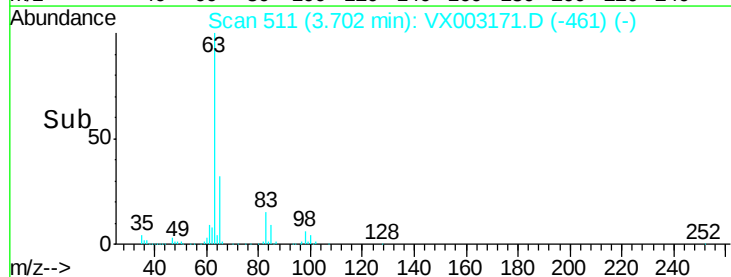
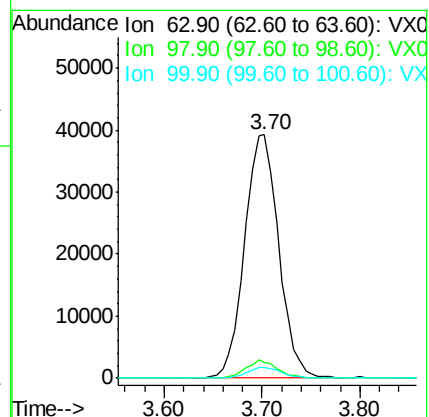
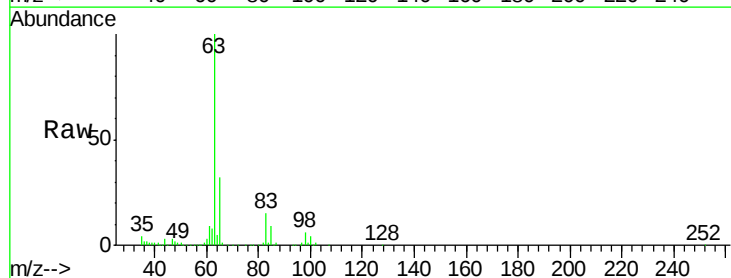
Tgt Ion: 63 Resp: 95420

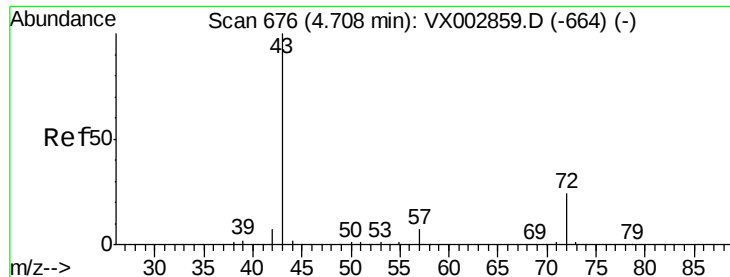
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 110.98 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion: 43 Resp: 216232

Ion Ratio Lower Upper

43 100

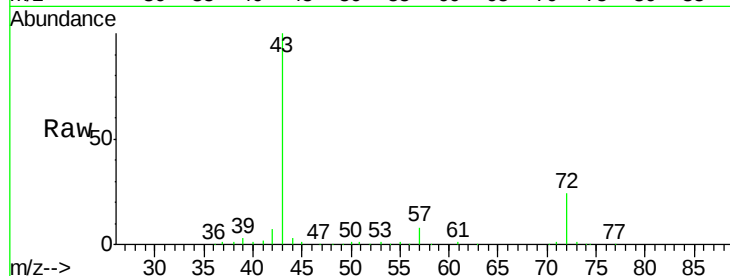
72 23.6 18.5 27.7

Manual Integrations

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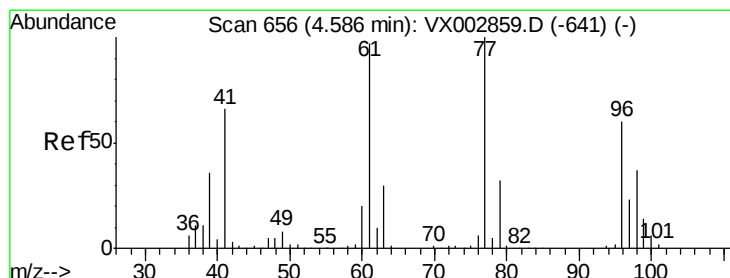
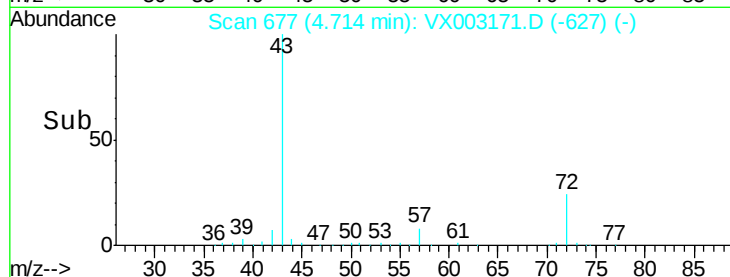
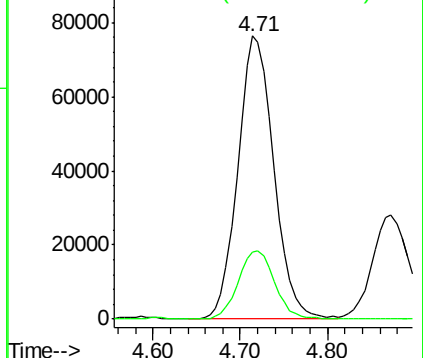
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003171.D

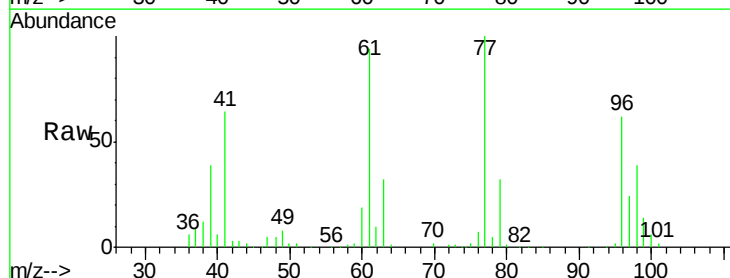
Acq: 05 Jul 2018 14:46

Tgt Ion: 77 Resp: 78677

Ion Ratio Lower Upper

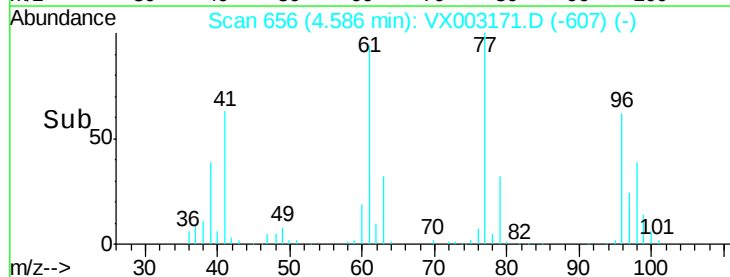
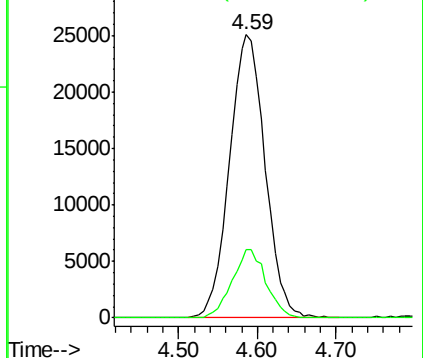
77 100

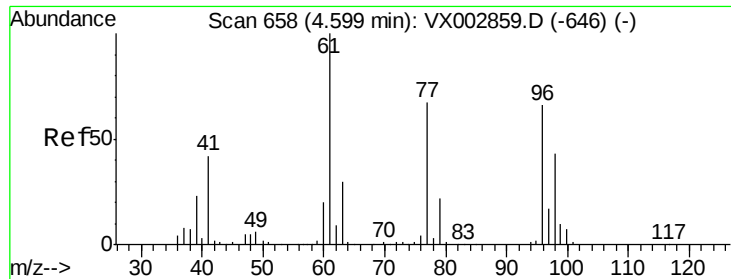
97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

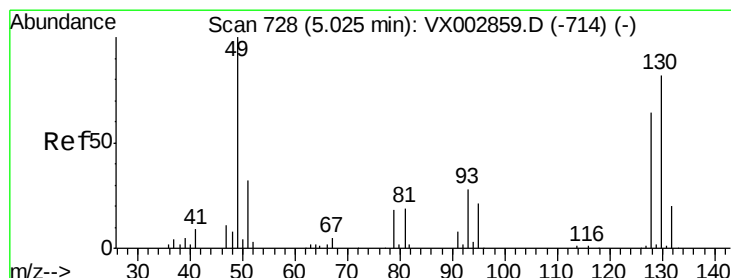
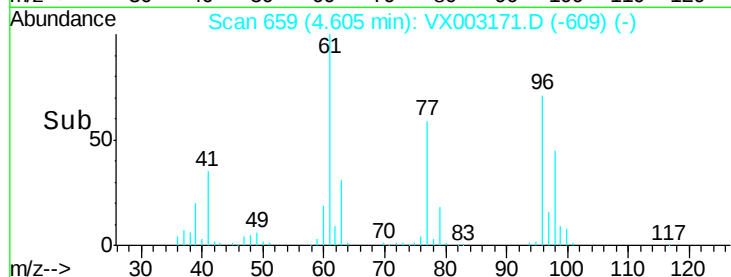
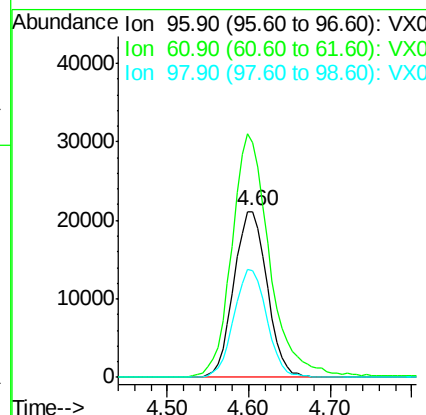
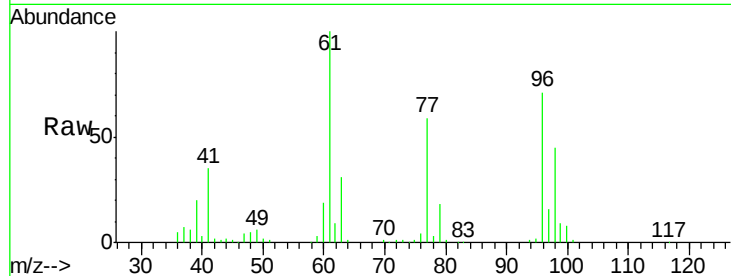
cis-1,2-Dichloroethene
Concen: 21.68 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.8	0.0	330.2
98	64.2	0.0	130.2

Manual Integrations
APPROVED

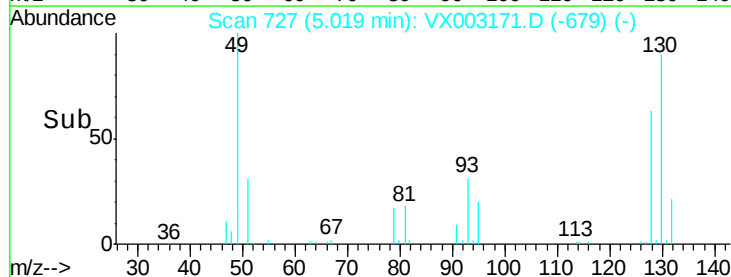
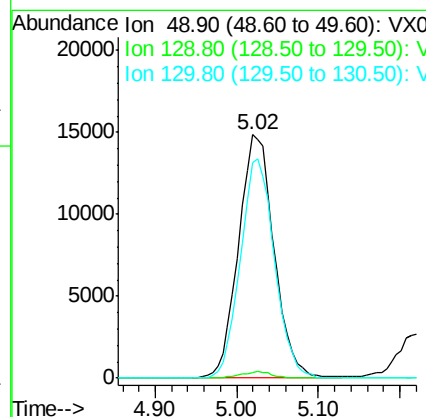
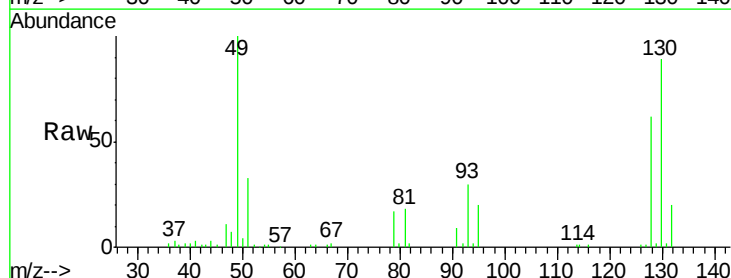
sam
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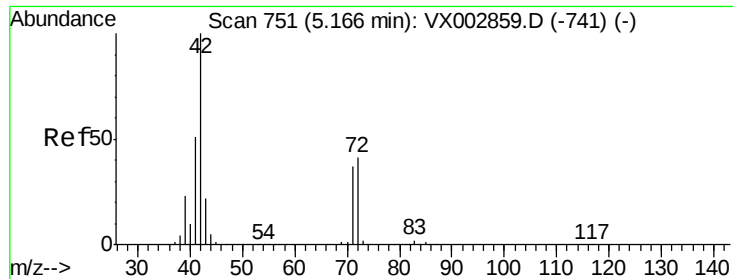


#28

Bromochloromethane
Concen: 20.26 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	86.5	61.2	91.8





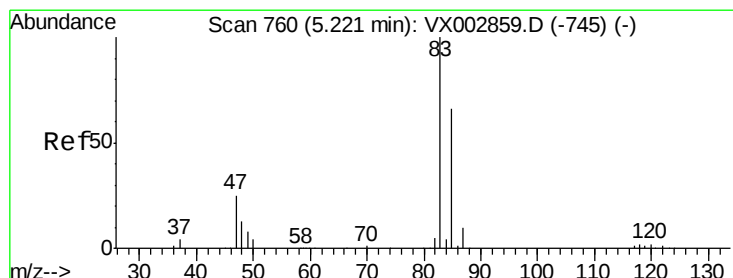
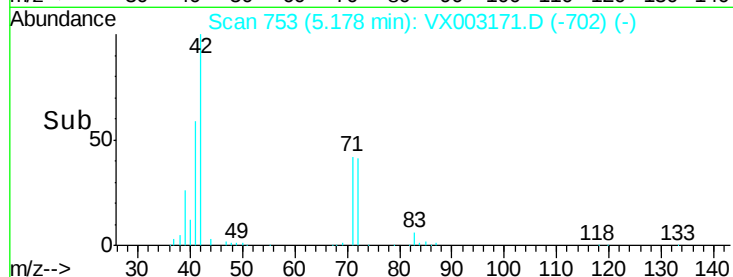
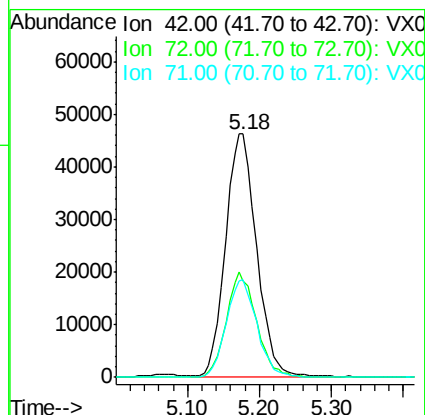
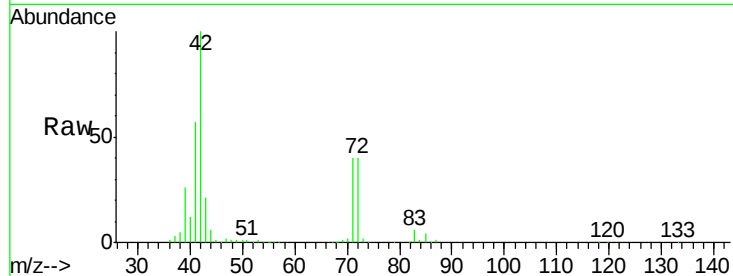
#29
Tetrahydrofuran
Concen: 110.16 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.0	48.0
71	40.0	30.1	45.1

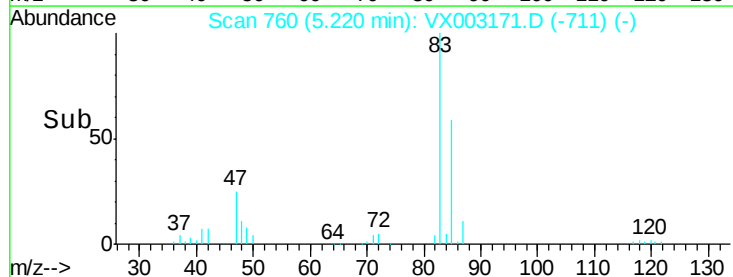
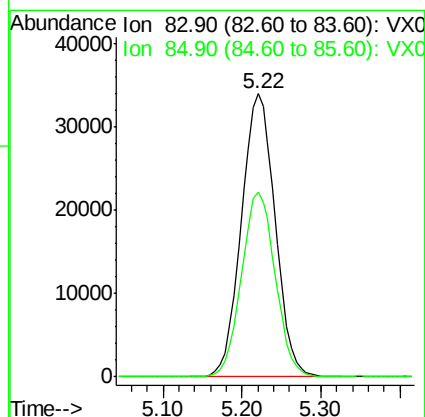
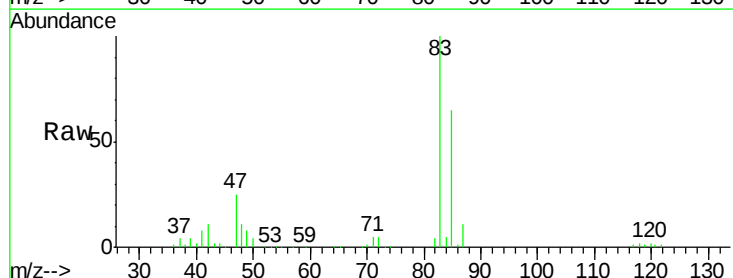
Manual Integrations
APPROVED

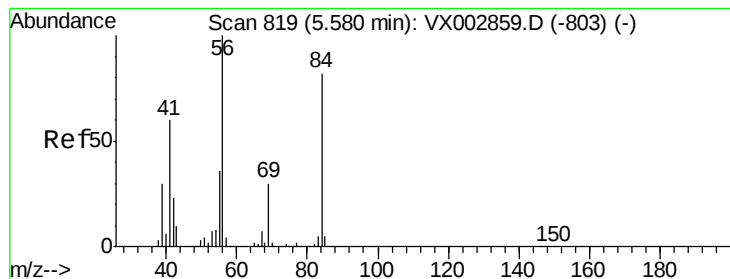
sam
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#30
Chloroform
Concen: 21.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6





#31

Cyclohexane

Concen: 20.53 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

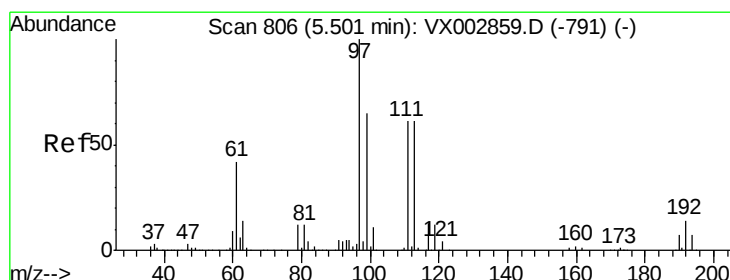
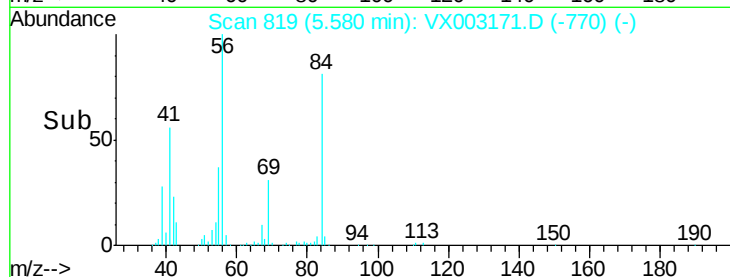
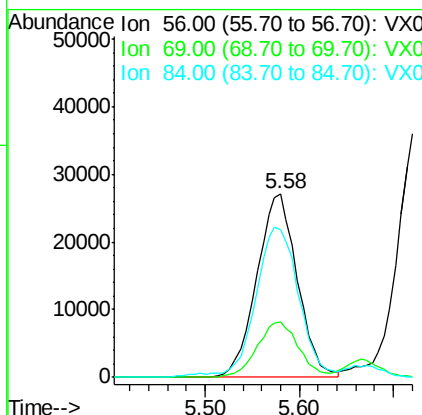
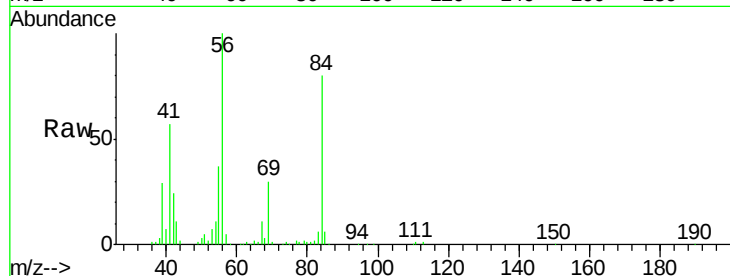
ClientSampleId :

VX0705WBS02

Tot Ion:	56	Resp:	81629
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.7	35.5
84	79.1	64.1	96.1

Manual Integrations
APPROVED

sam
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#32

1,1,1-Trichloroethane

Concen: 21.03 ug/l

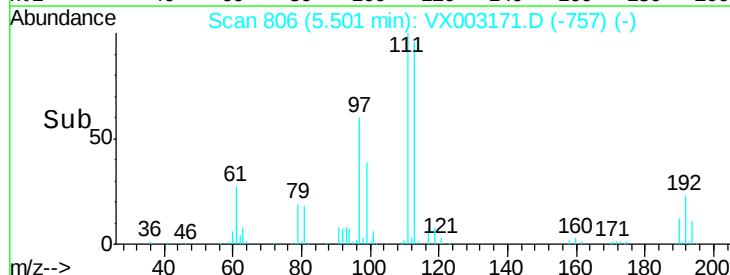
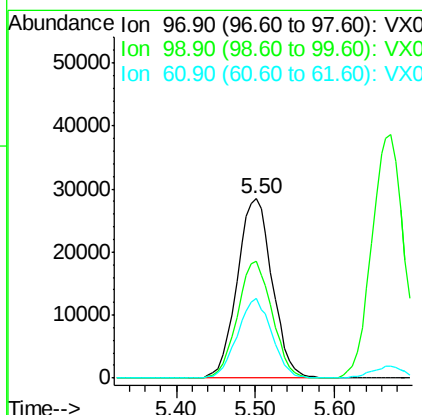
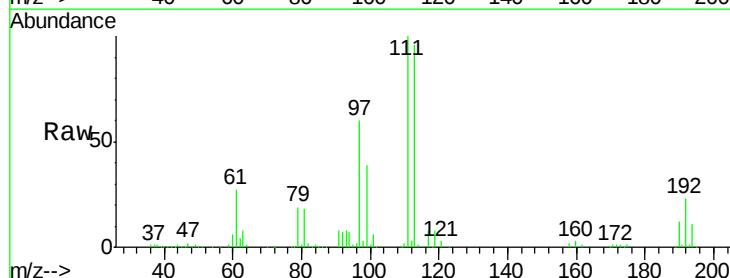
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	97	Resp:	87972
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	43.7	36.4	54.6





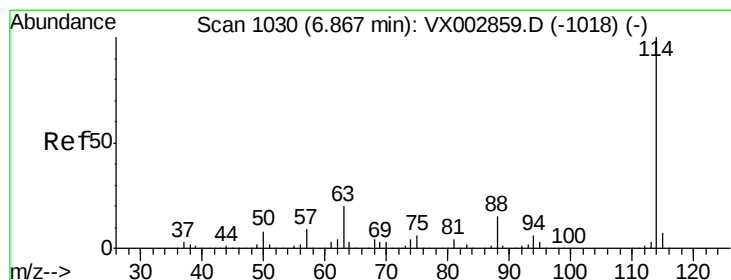
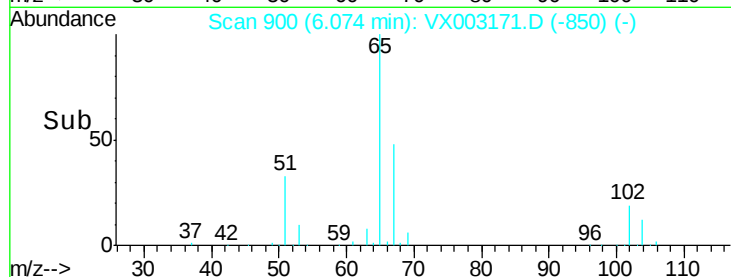
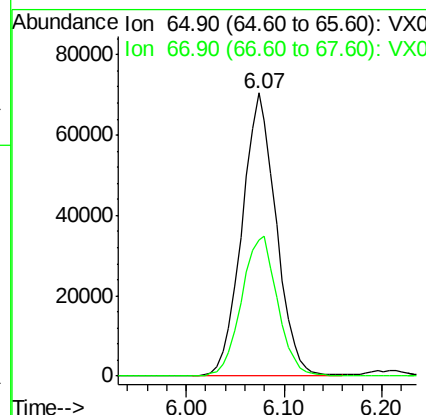
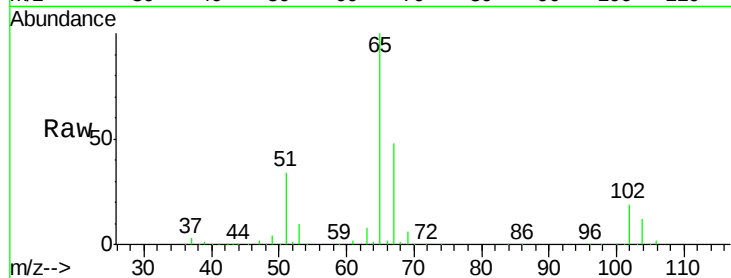
#33
 1,2-Dichloroethane-d4
 Concen: 53.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171101		
67	51.9	0.0	102.6	

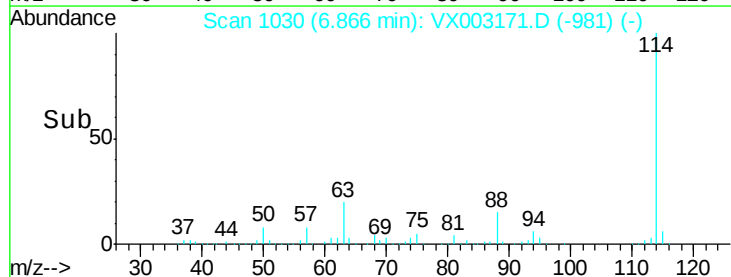
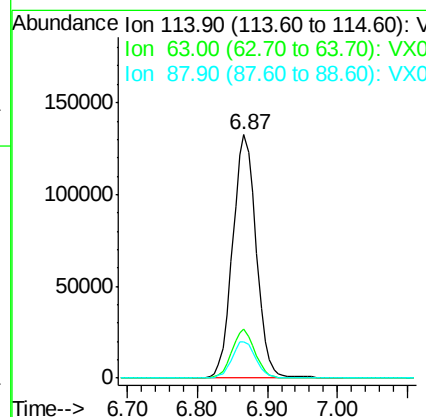
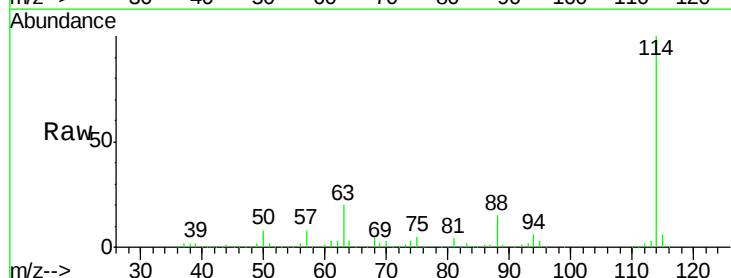
Manual Integrations
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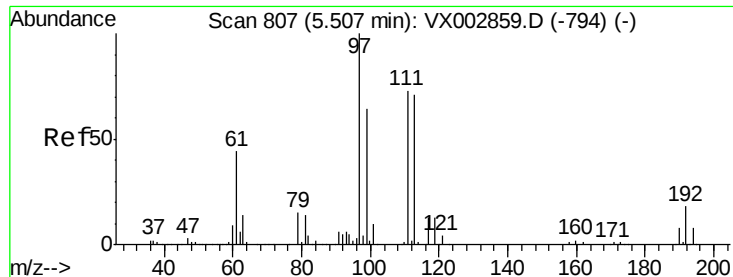
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	310943		
63	20.1	0.0	41.4	
88	14.8	0.0	30.0	





#35

Dibromofluoromethane

Concen: 57.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

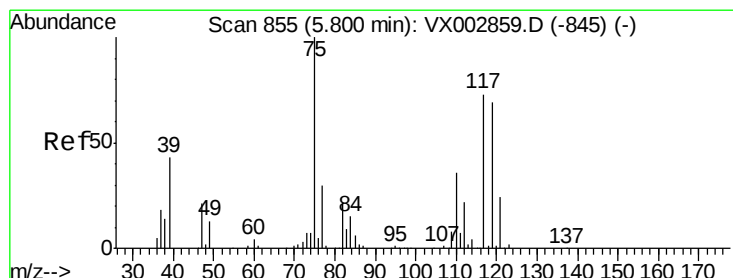
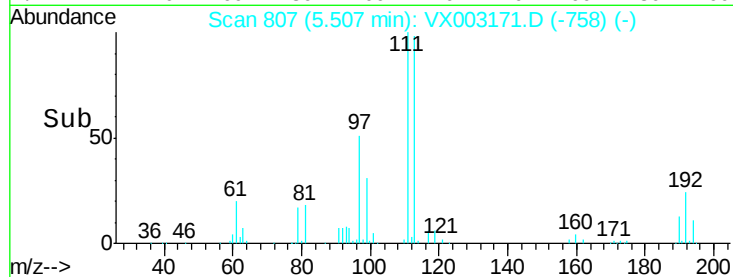
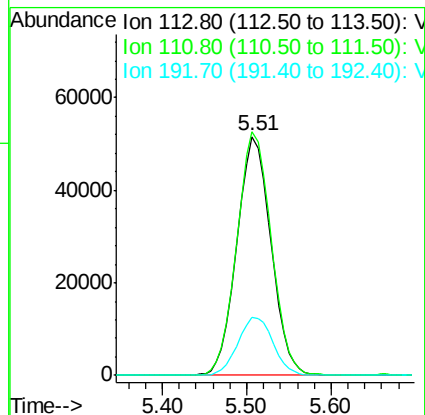
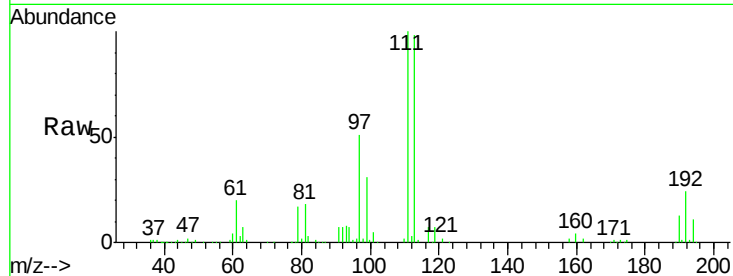
ClientSampled :

VX0705WBS02

Tot Ion:	113	Resp:	141889
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	25.0	19.1	28.7

Manual Integrations
APPROVED

sam
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#36

1,1-Dichloropropene

Concen: 20.89 ug/l

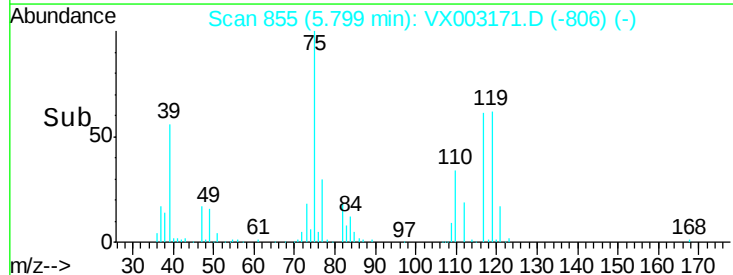
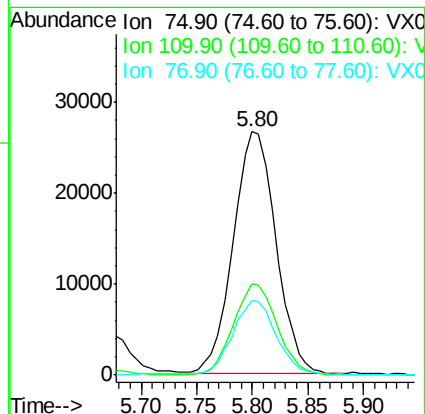
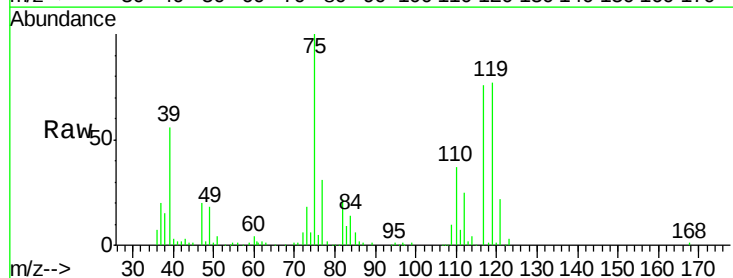
RT: 5.80 min Scan# 855

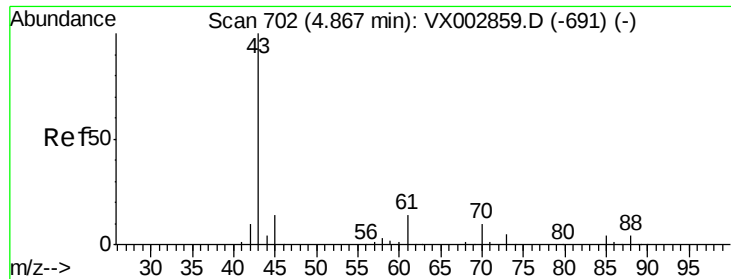
Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	75	Resp:	71223
Ion Ratio	Lower	Upper	
75	100		
110	38.5	18.1	54.4
77	31.5	24.3	36.5





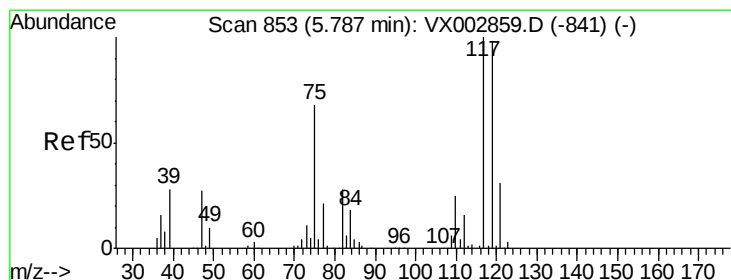
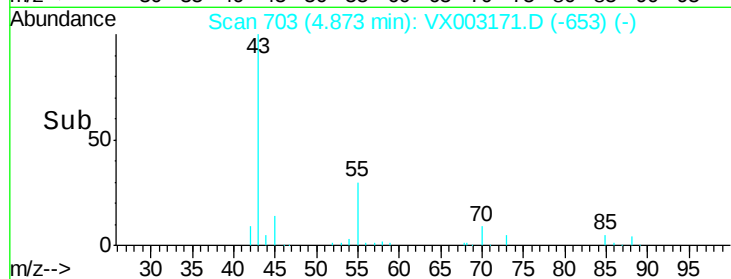
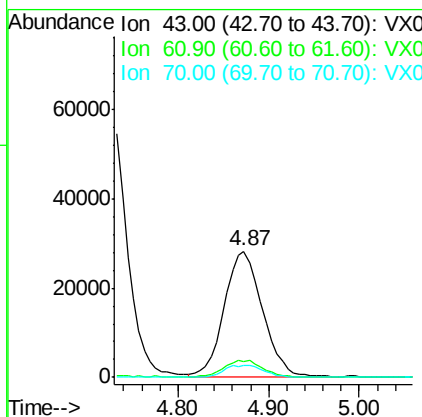
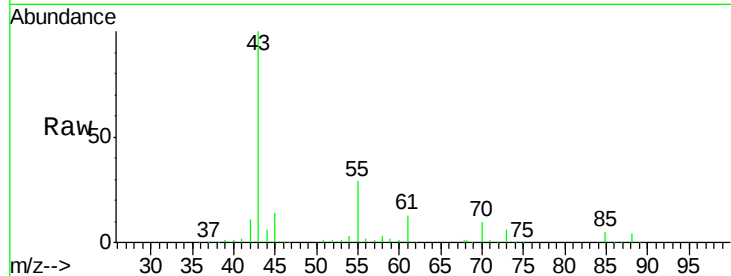
#37
Ethyl Acetate
Concen: 22.25 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.1	7.6	11.4

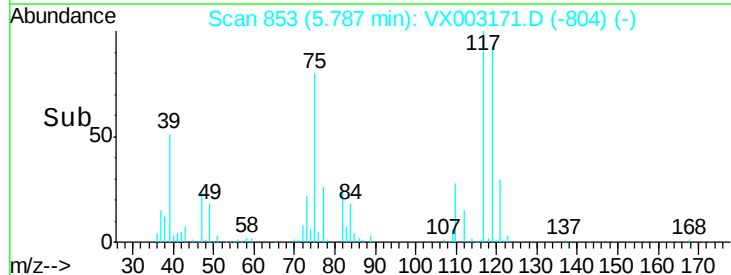
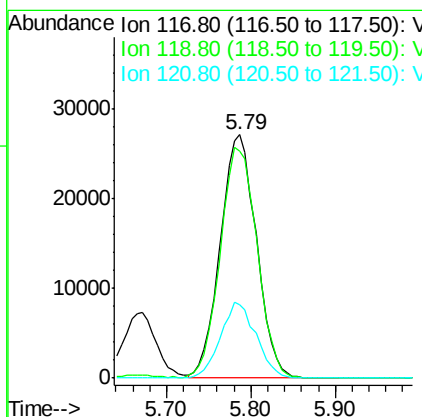
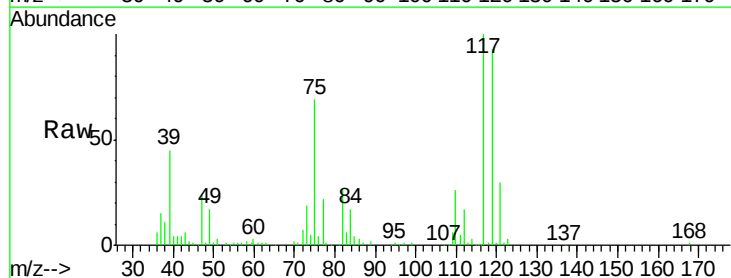
Manual Integrations
APPROVED

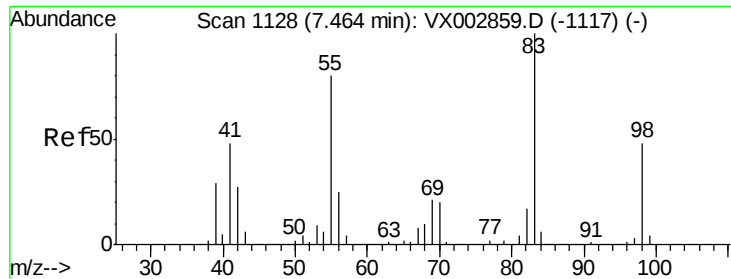
sam
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#38
Carbon Tetrachloride
Concen: 21.22 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.0
121	30.0	24.4	36.6





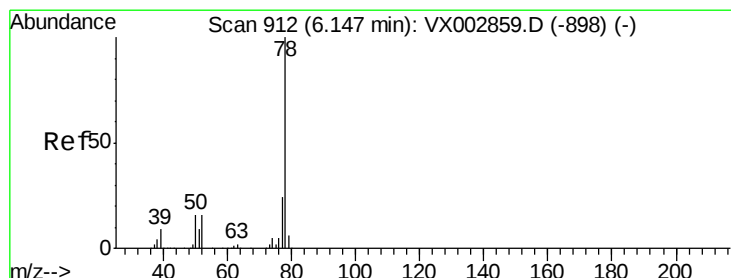
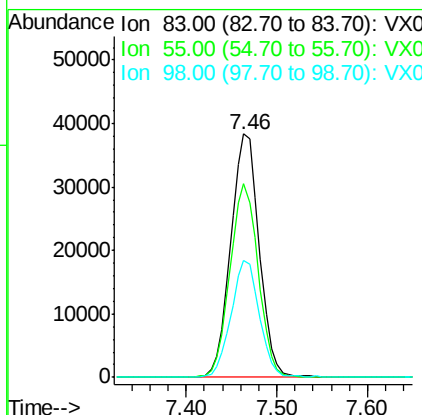
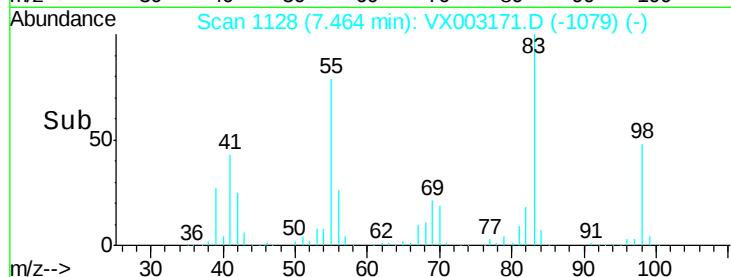
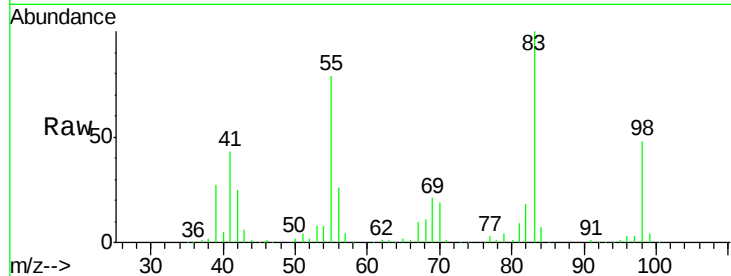
#39
Methvlcvclohexane
Concen: 21.07 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.4	98.0
98	48.0	37.4	56.0

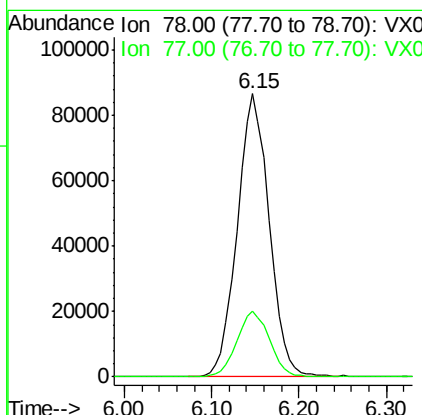
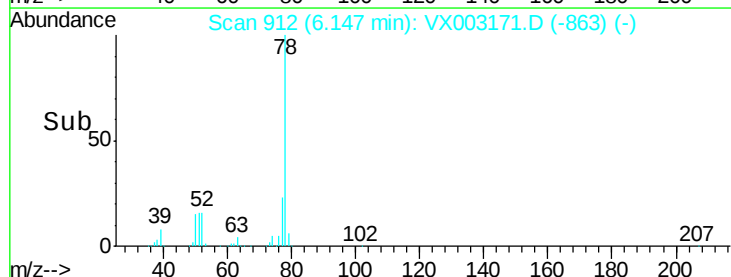
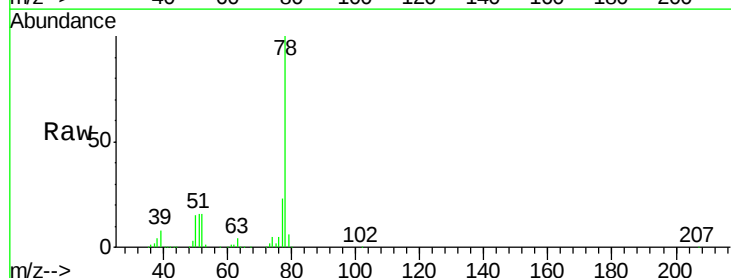
Manual Integrations
APPROVED

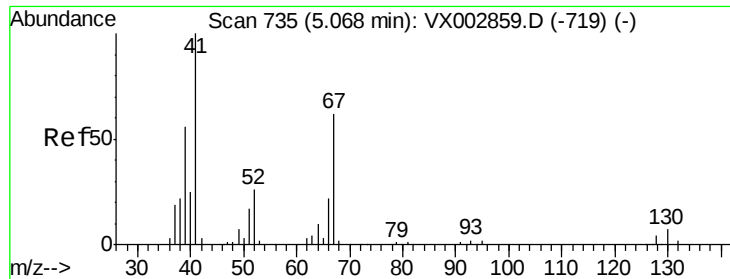
sam
7/6/2018 4:20:16 PM



#40
Benzene
Concen: 22.16 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





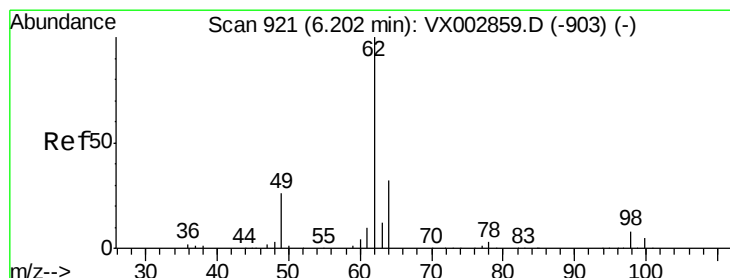
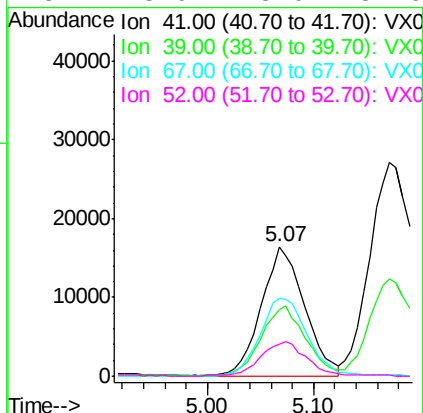
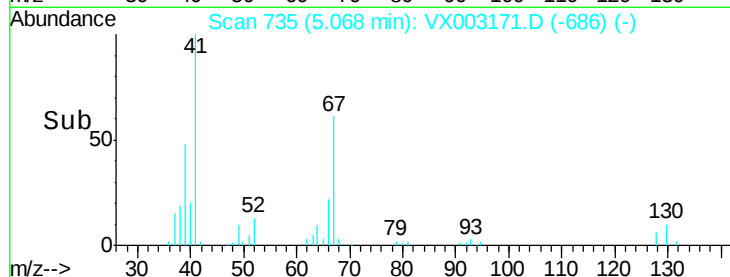
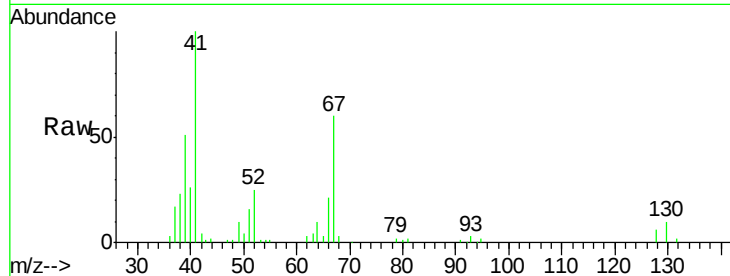
#41
Methacrylonitrile
Concen: 21.74 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	45.8	68.6	
67	67.0	51.3	76.9	
52	28.9	23.0	34.6	

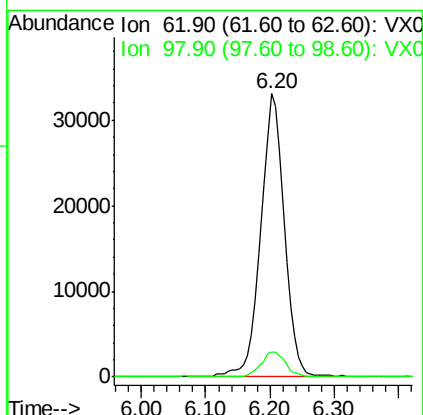
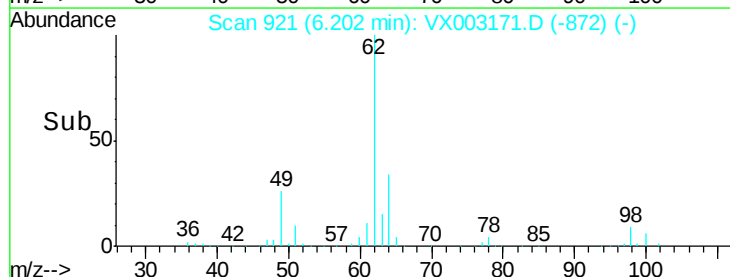
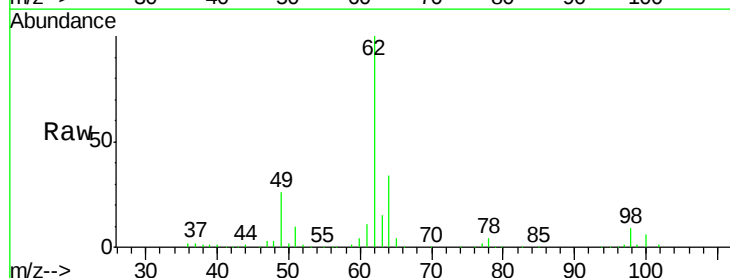
Manual Integrations
APPROVED

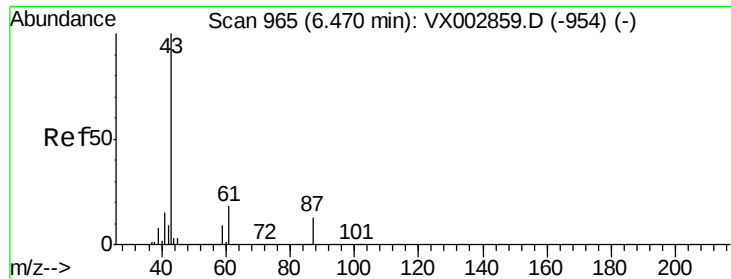
sam
7/6/2018 4:20:16 PM



#42
1,2-Dichloroethane
Concen: 21.03 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

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





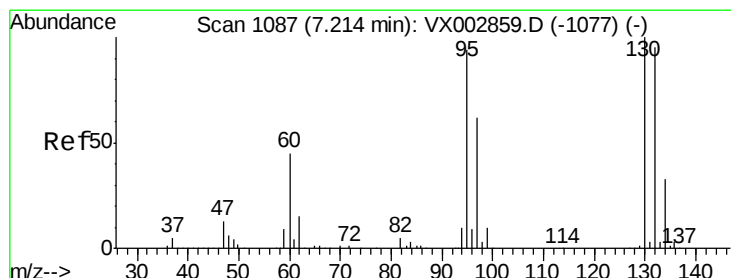
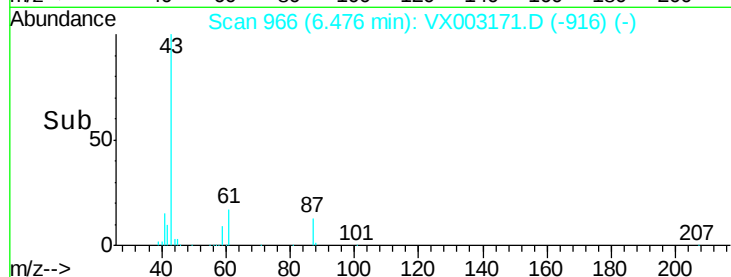
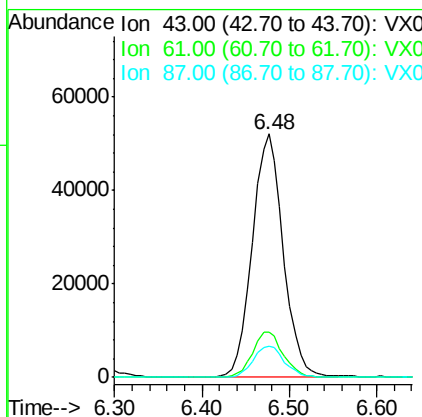
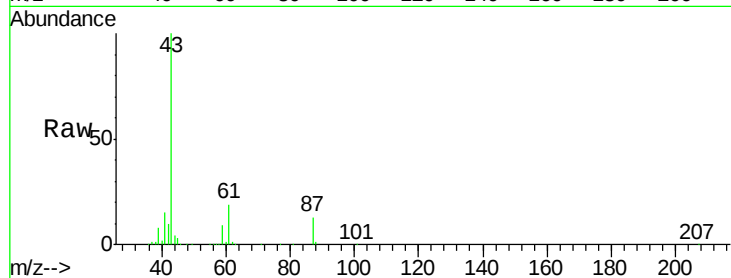
#43
Isopropyl Acetate
Concen: 20.62 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	13.3	9.5	14.3

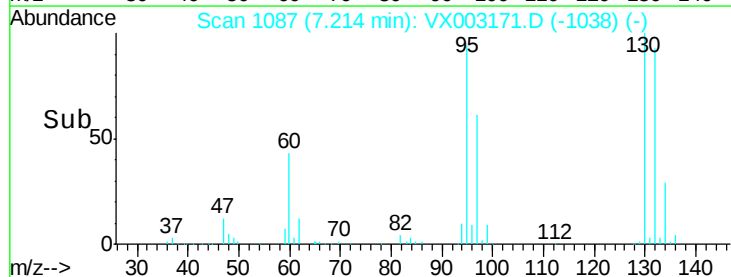
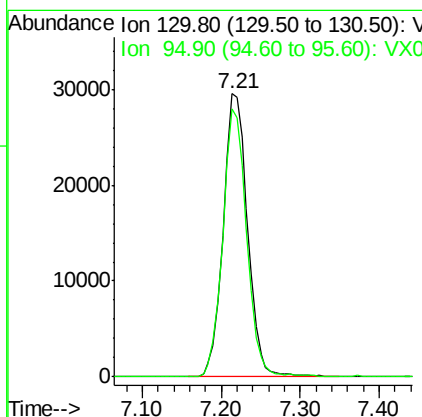
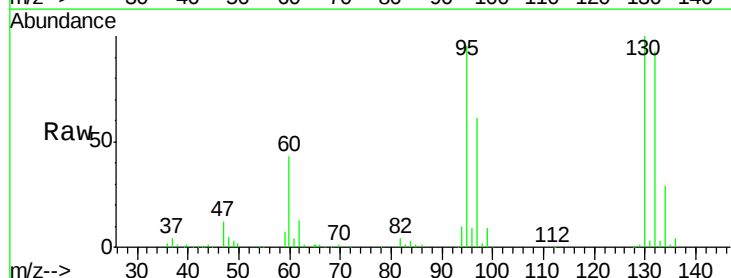
Manual Integrations
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sam
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#44
Trichloroethene
Concen: 21.53 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	185.4





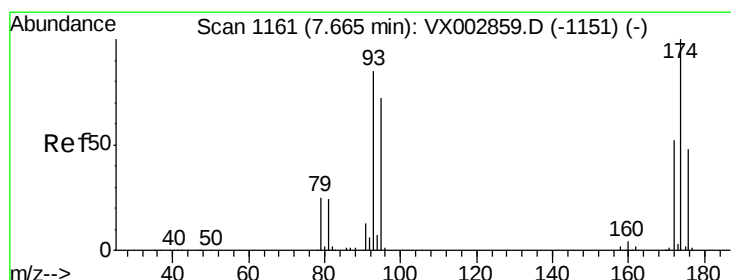
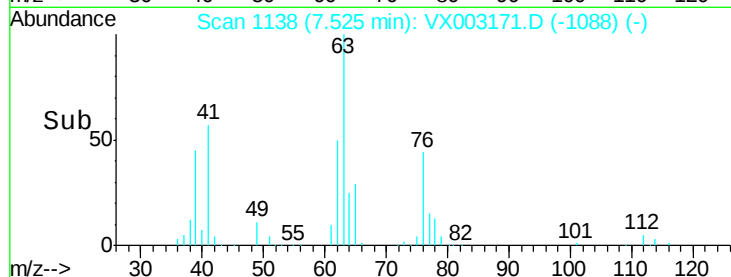
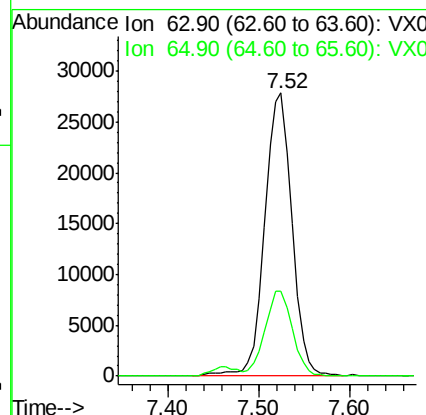
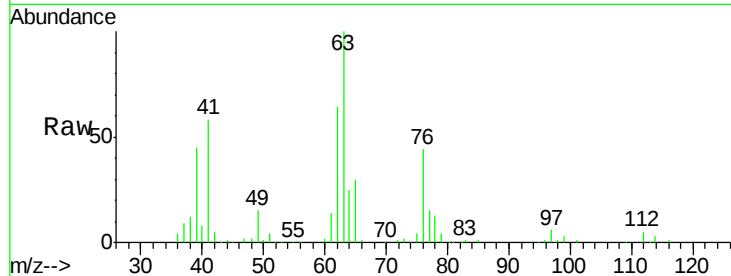
#45
 1,2-Dichloropropane
 Concen: 22.06 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Tot Ion: 63 Resp: 57982
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1

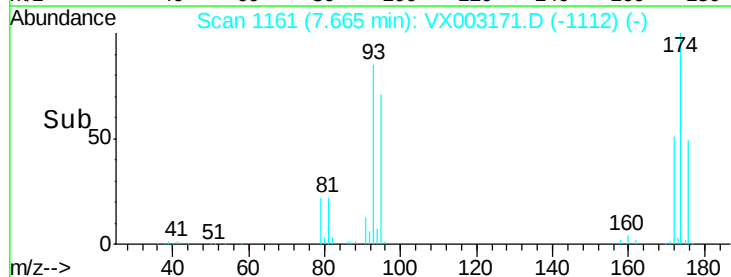
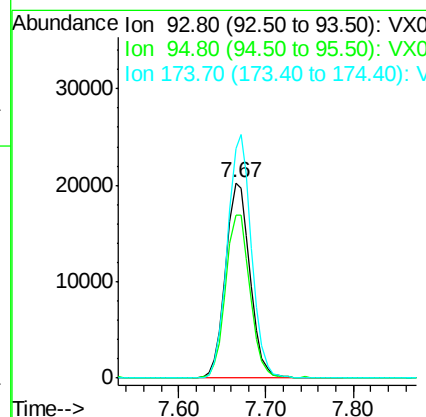
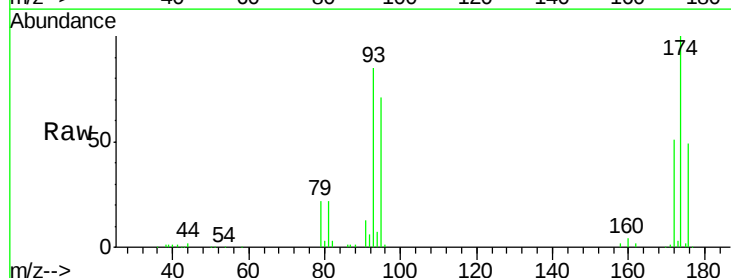
Manual Integrations
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#46
 Dibromomethane
 Concen: 21.57 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion: 93 Resp: 39348
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.9 98.9
 174 121.4 92.4 138.6





#47

Bromodichloromethane

Concen: 21.24 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

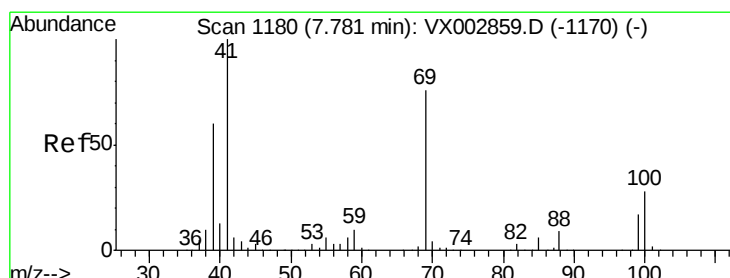
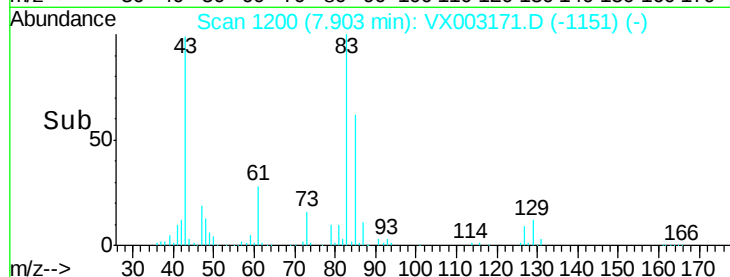
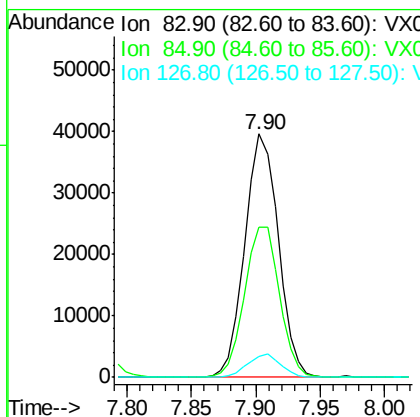
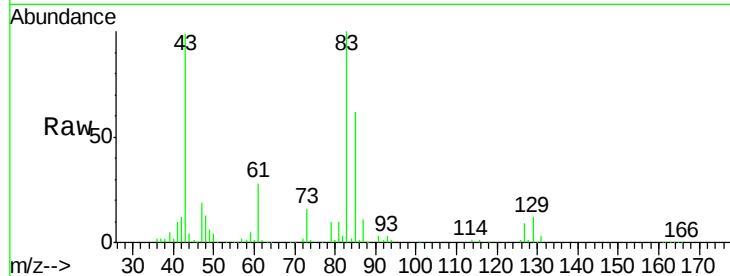
ClientSampled :

VX0705WBS02

Tot Ion:	83	Resp:	71602
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.3	75.5
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.52 ug/l

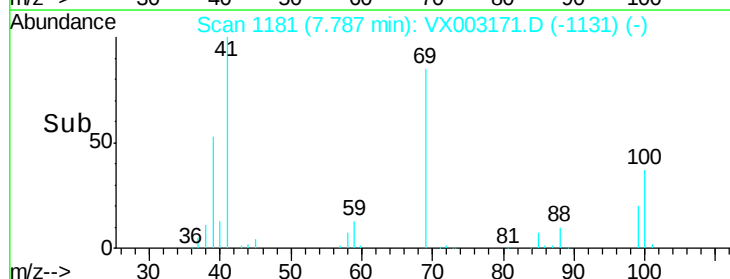
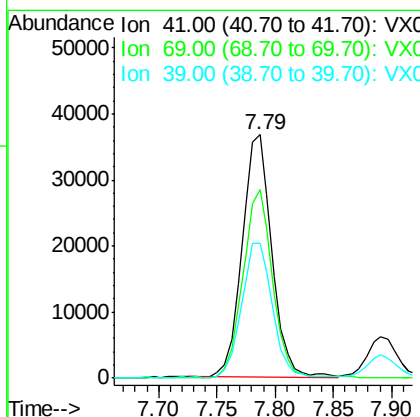
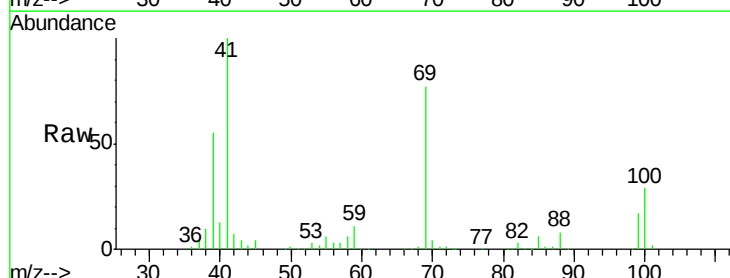
RT: 7.79 min Scan# 1181

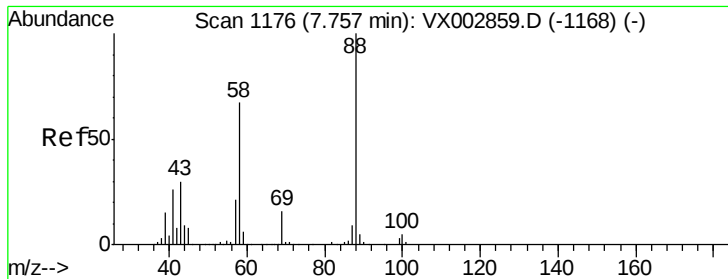
Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	41	Resp:	65108
Ion	Ratio	Lower	Upper
41	100		
69	78.5	59.1	88.7
39	57.2	48.9	73.3





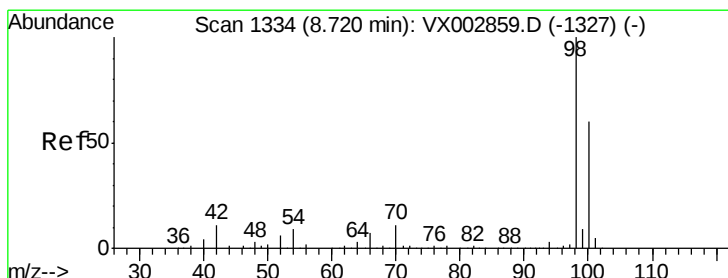
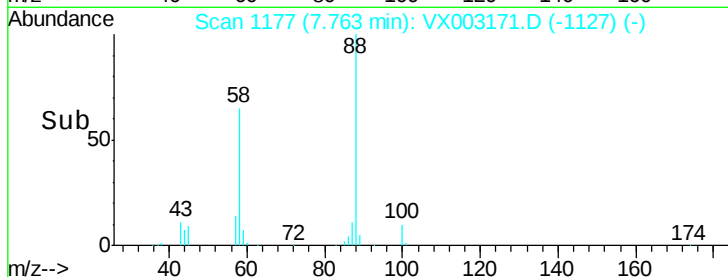
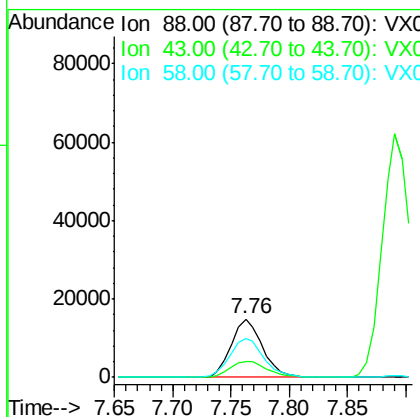
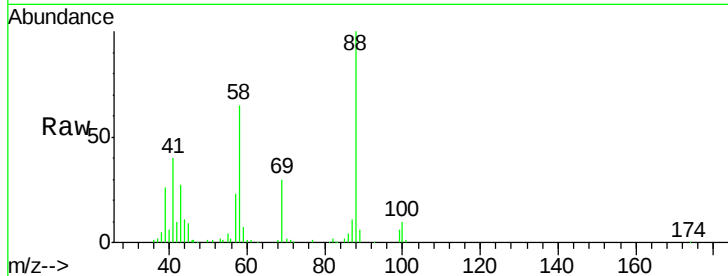
#49
1,4-Dioxane
Concen: 452.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	29.8	44.6
58	72.5	57.1	85.7

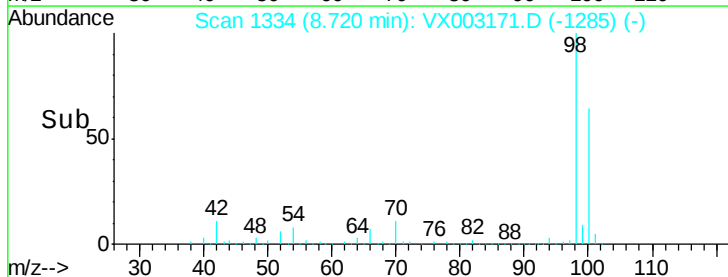
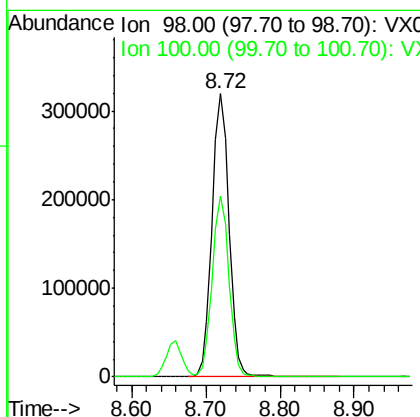
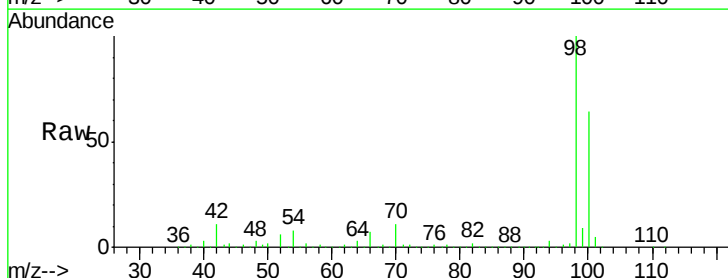
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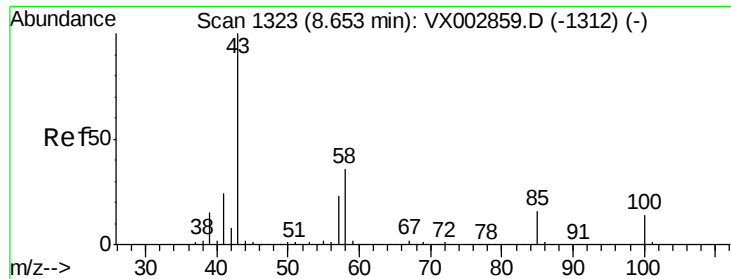
sam
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#50
Toluene-d8
Concen: 55.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 109.30 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBS02

Tot Ion: 43 Resp: 421085

Ion Ratio Lower Upper

43 100

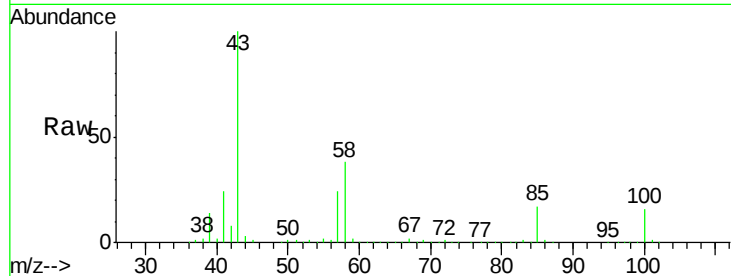
58 37.0 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

250000

200000

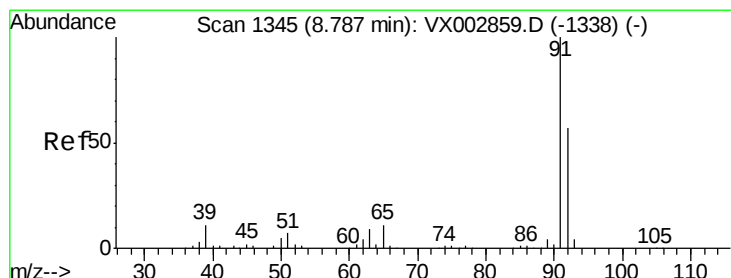
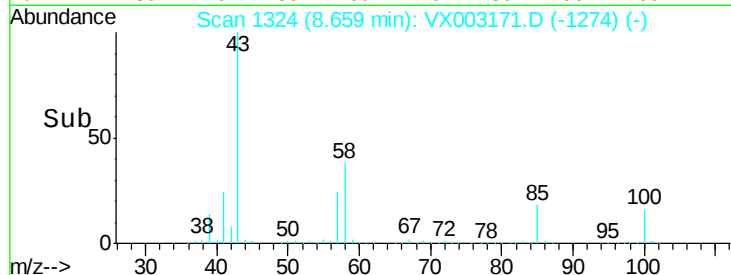
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003171.D

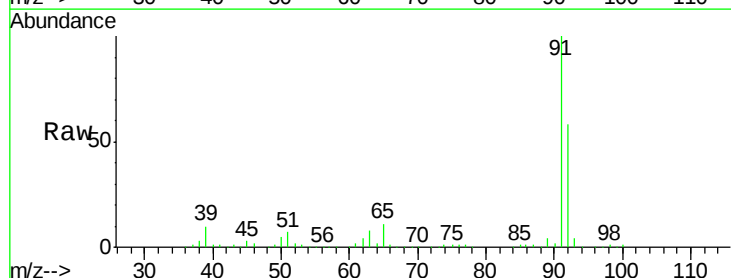
Acq: 05 Jul 2018 14:46

Tgt Ion: 92 Resp: 139870

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

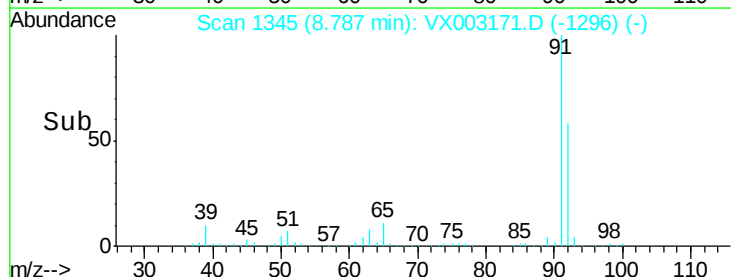
150000

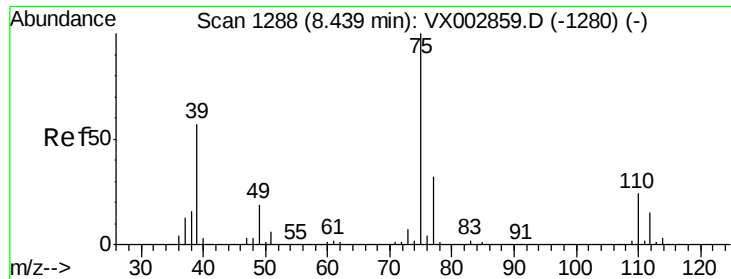
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 22.24 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tot Ion: 75 Resp: 84937

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

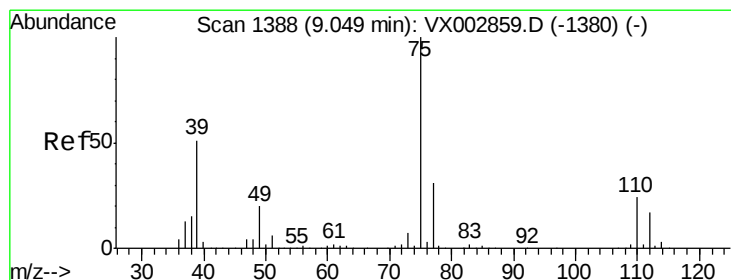
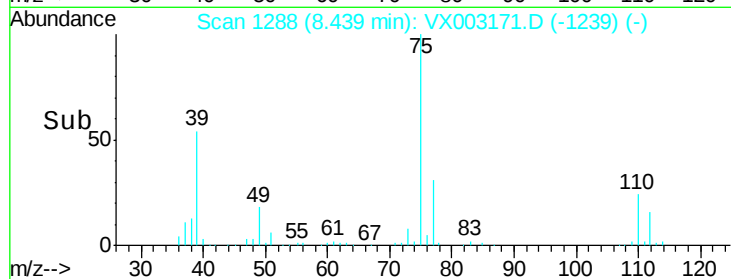
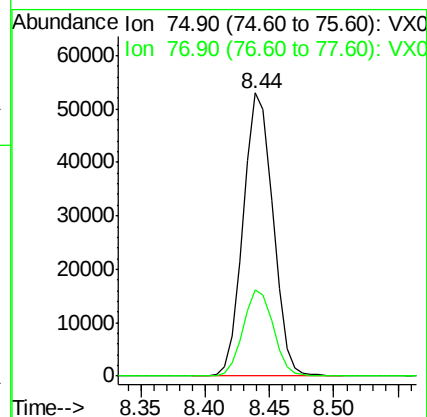
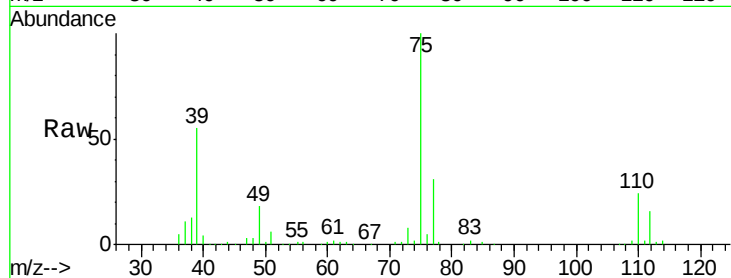
VX0705WBS02

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#54

cis-1,3-Dichloropropene

Concen: 20.76 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

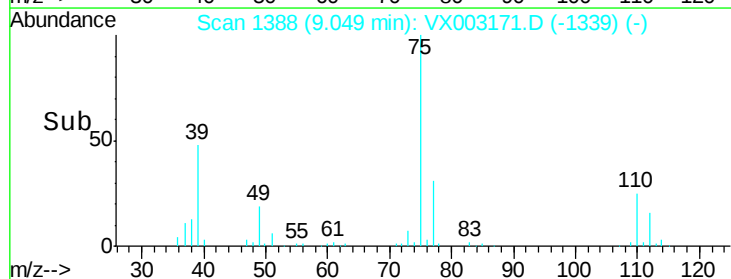
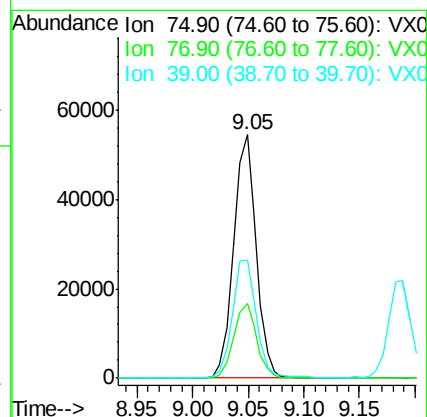
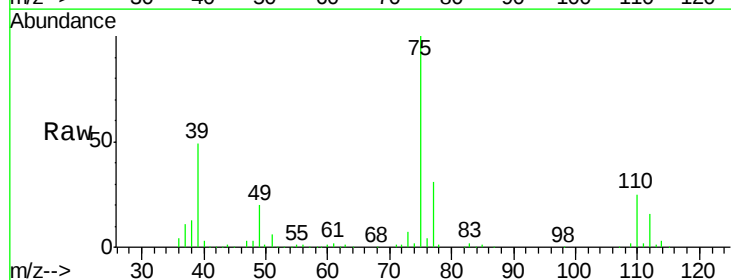
Tgt Ion: 75 Resp: 76269

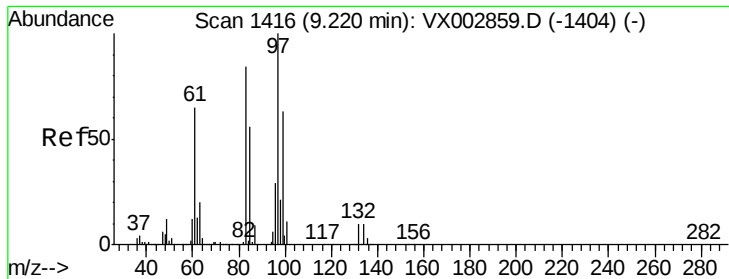
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 48.3 42.4 63.6





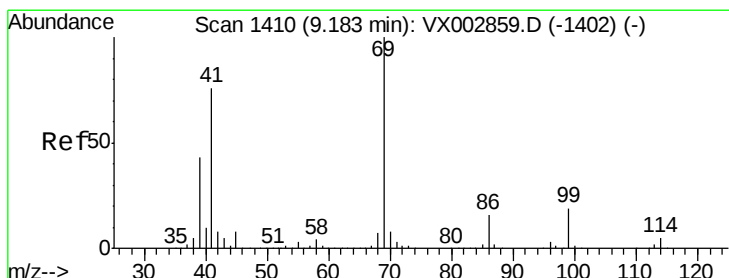
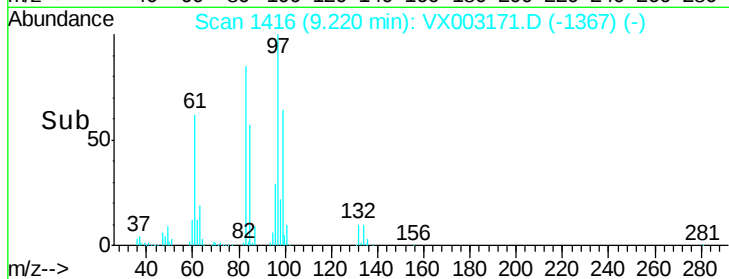
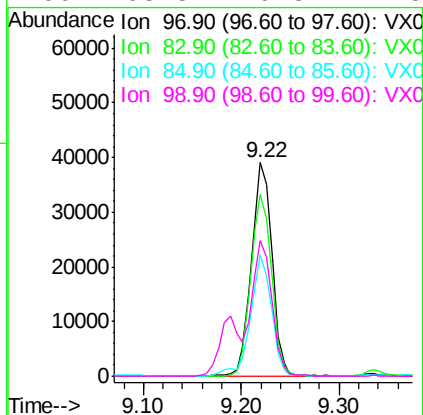
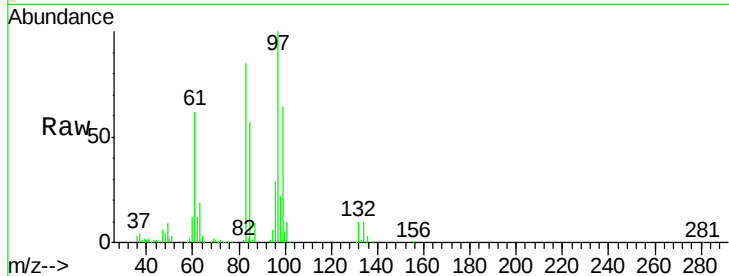
#55
 1,1,2-Trichloroethane
 Concen: 22.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Tot Ion:	97	Resp:	57386
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.2
85	56.7	44.9	67.3
99	63.8	49.8	74.8

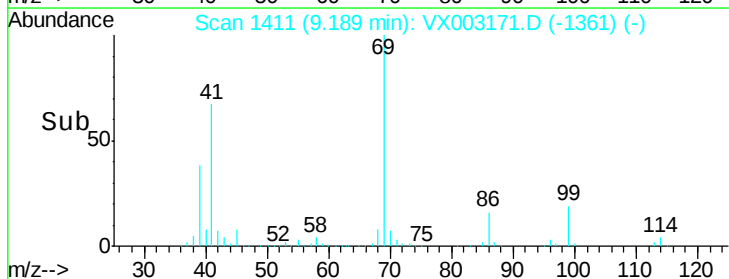
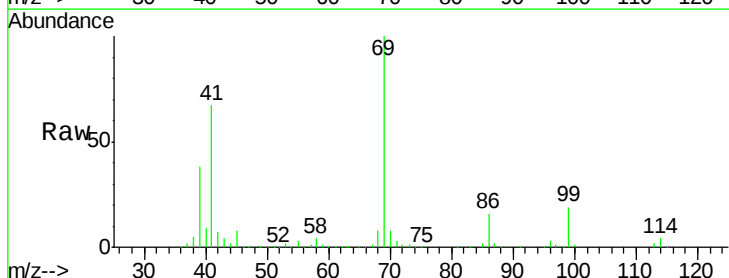
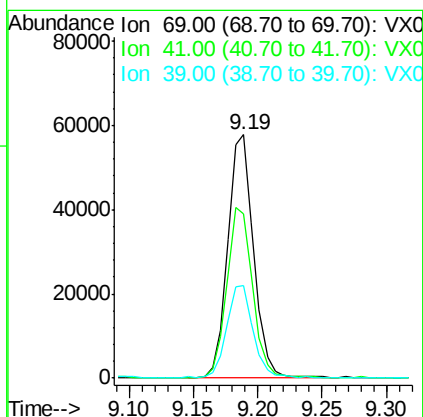
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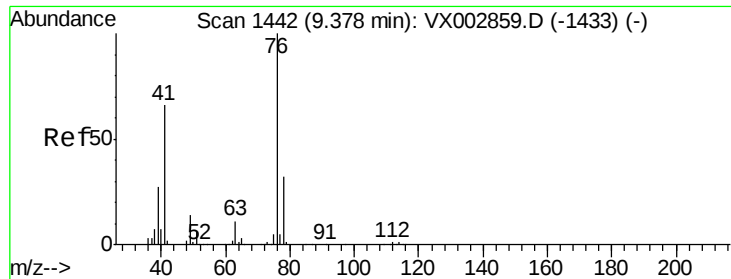
sam
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#56
 Ethyl methacrylate
 Concen: 21.36 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion:	69	Resp:	81421
Ion	Ratio	Lower	Upper
69	100		
41	70.4	60.3	90.5
39	38.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 22.03 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion: 76 Resp: 94388

Ion Ratio Lower Upper

76 100

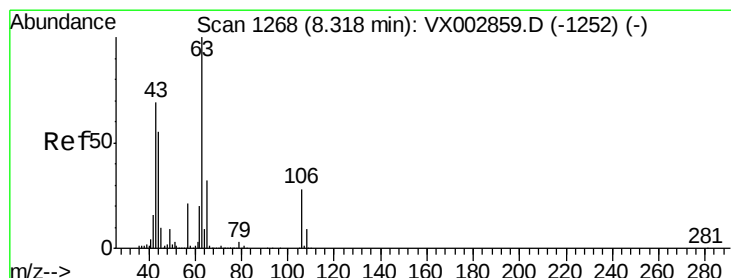
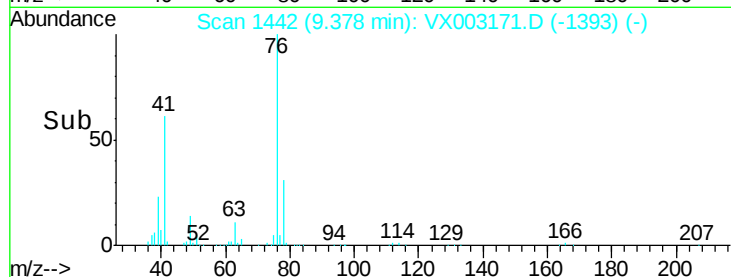
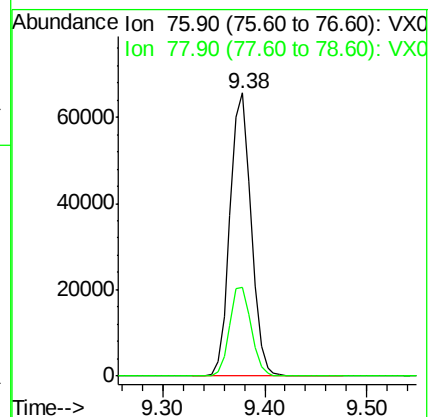
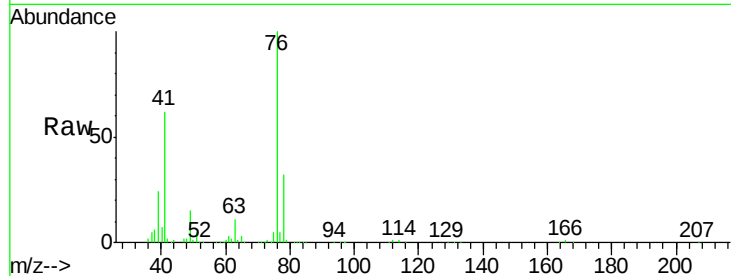
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 115.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003171.D

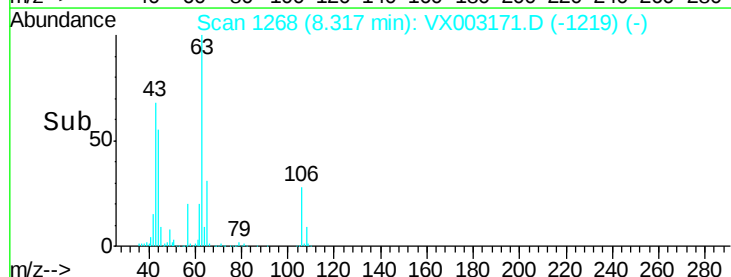
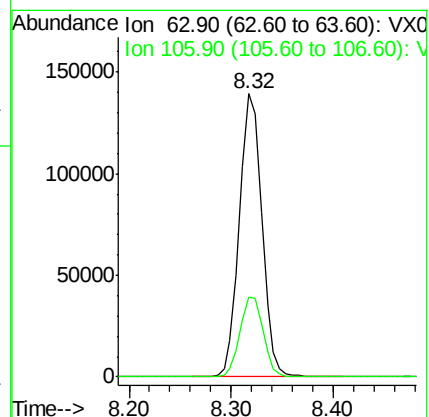
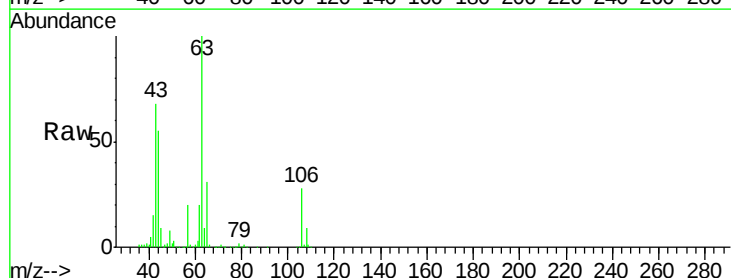
Acq: 05 Jul 2018 14:46

Tgt Ion: 63 Resp: 212727

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8





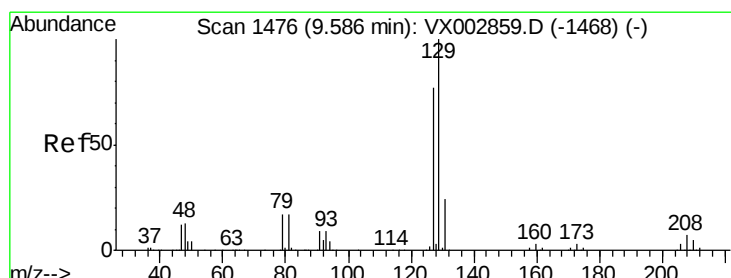
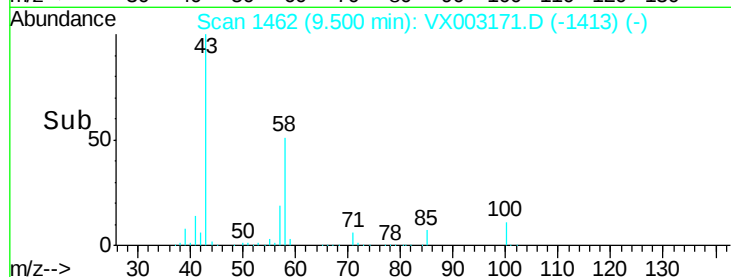
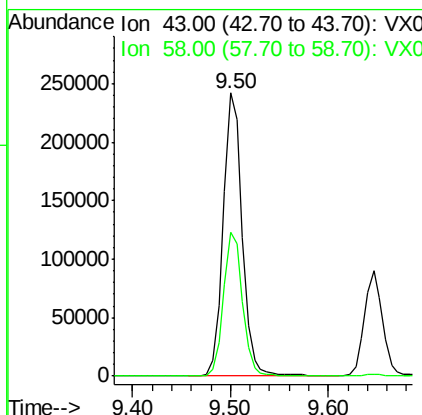
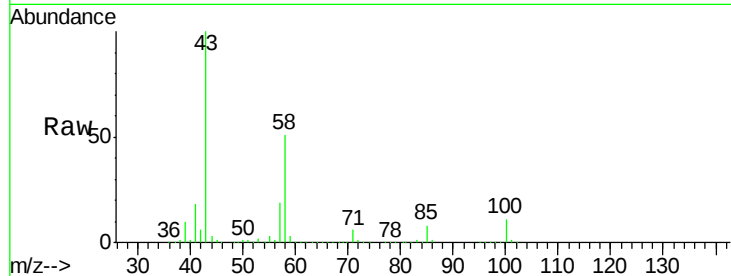
#59
2-Hexanone
Concen: 111.33 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion: 43 Resp: 325976
Ion Ratio Lower Upper
43 100
58 51.1 24.6 73.6

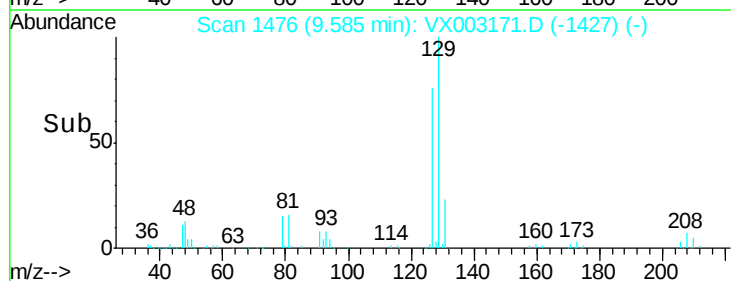
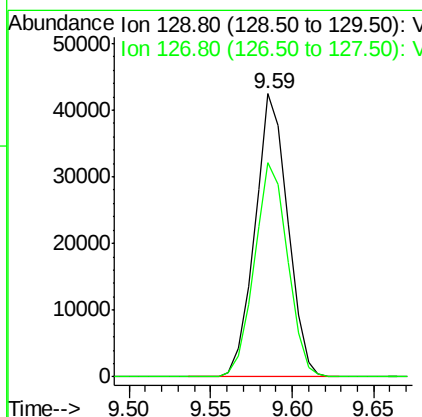
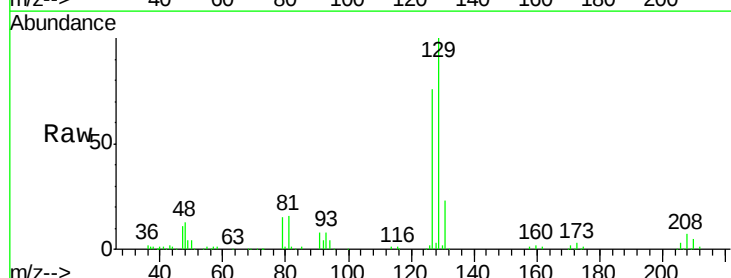
Manual Integrations
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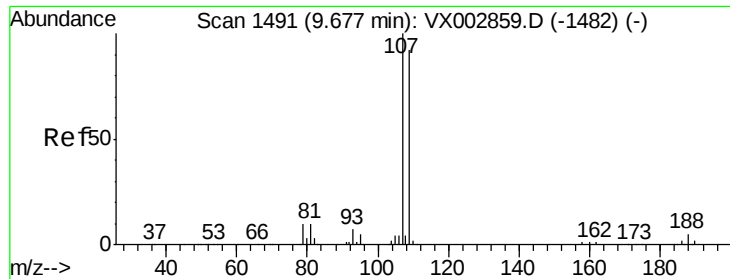
sam
7/6/2018 4:20:16 PM



#60
Dibromochloromethane
Concen: 21.58 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion: 129 Resp: 59262
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





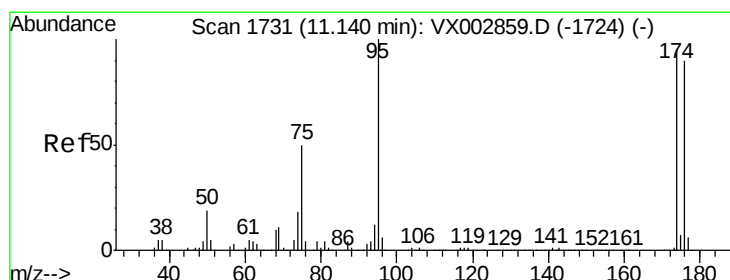
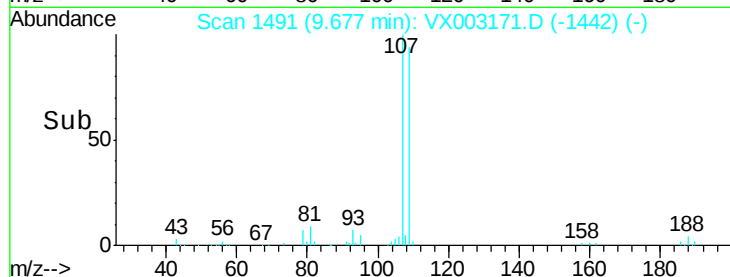
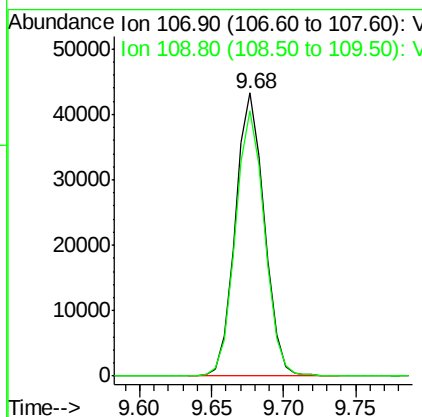
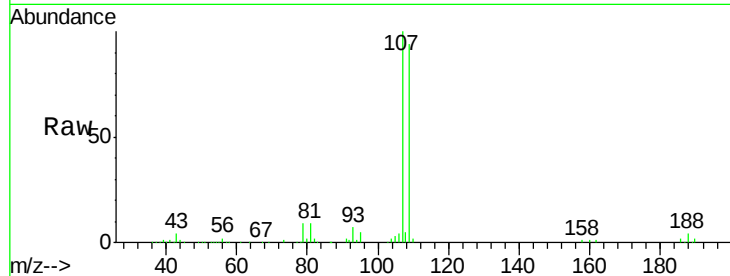
#61
 1,2-Dibromoethane
 Concen: 22.24 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Tot Ion:107 Resp: 60851
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.3 112.9

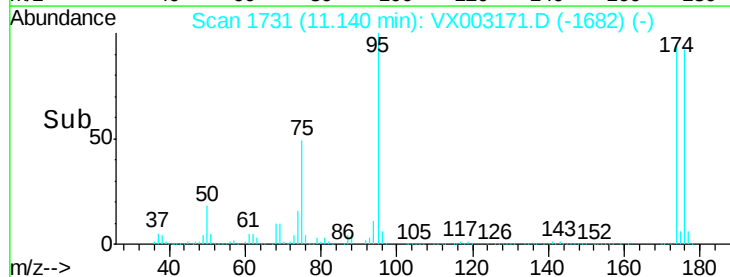
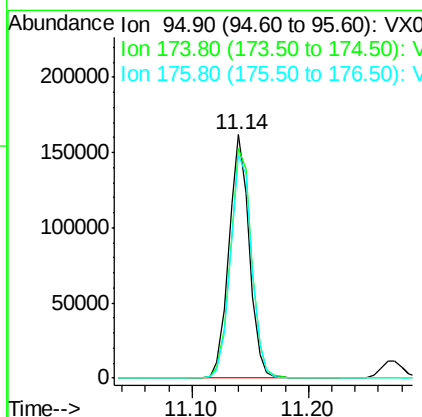
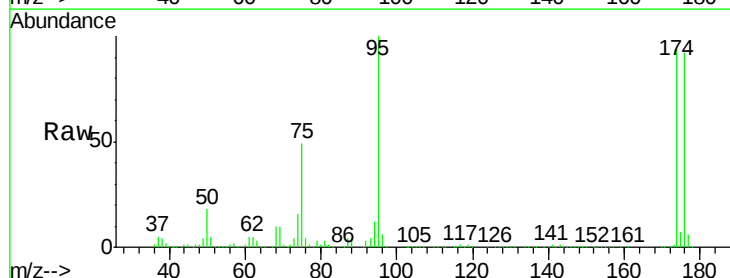
Manual Integrations
 APPROVED

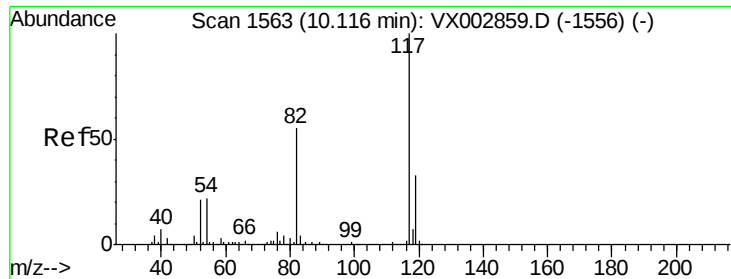
sam
 7/6/2018 4:20:16 PM



#62
 4-Bromofluorobenzene
 Concen: 56.53 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion: 95 Resp: 196029
 Ion Ratio Lower Upper
 95 100
 174 99.0 0.0 187.4
 176 96.3 0.0 181.0





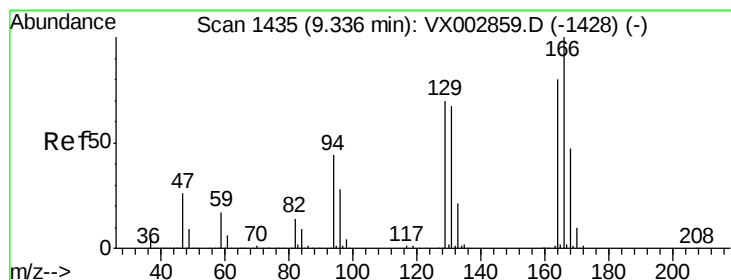
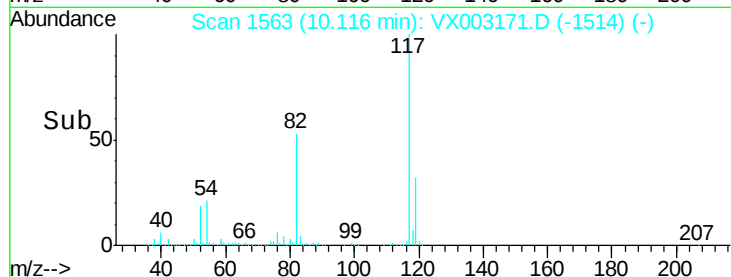
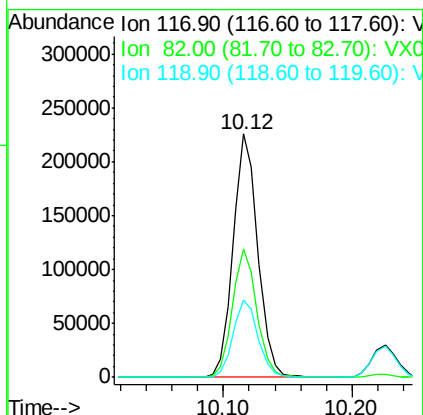
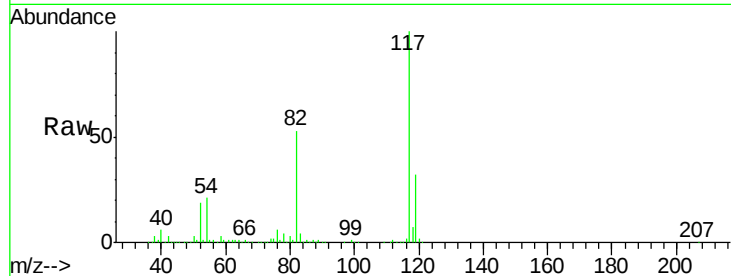
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.0	67.4
119	31.9	25.8	38.6

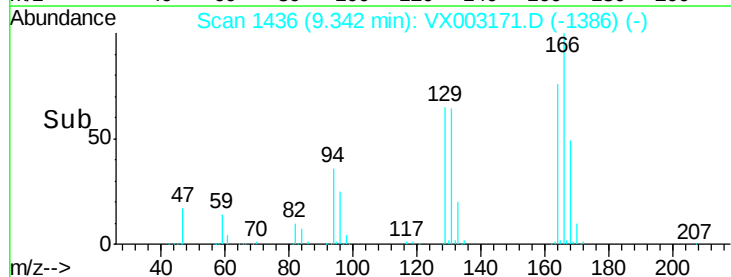
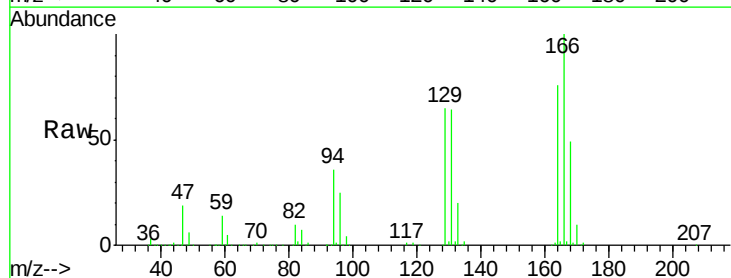
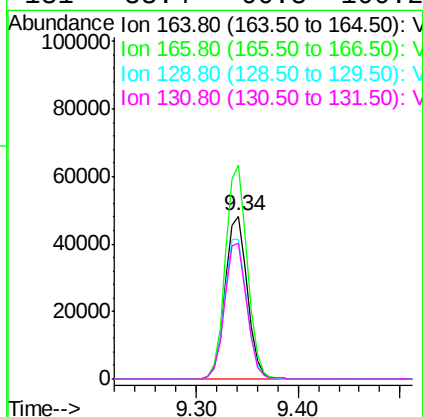
Manual Integrations
APPROVED

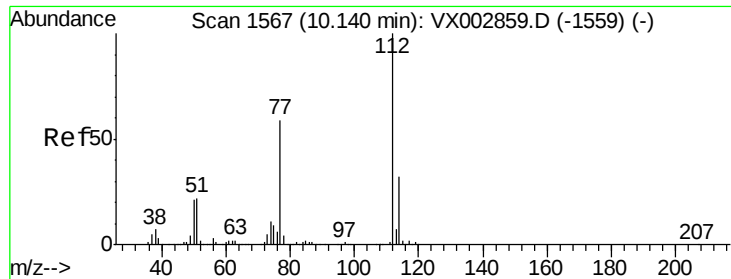
sam
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#64
Tetrachloroethene
Concen: 21.44 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.9	154.3
129	85.4	68.6	102.8
131	83.4	66.8	100.2





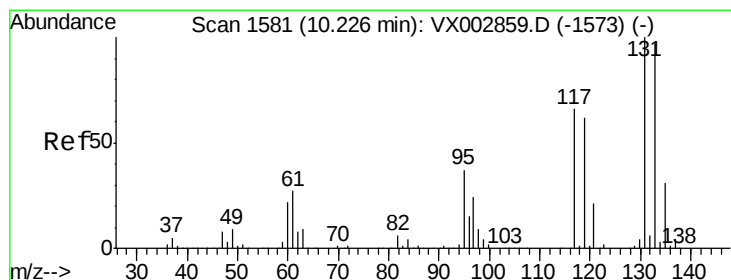
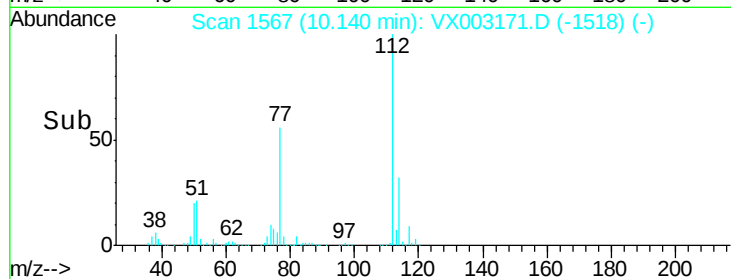
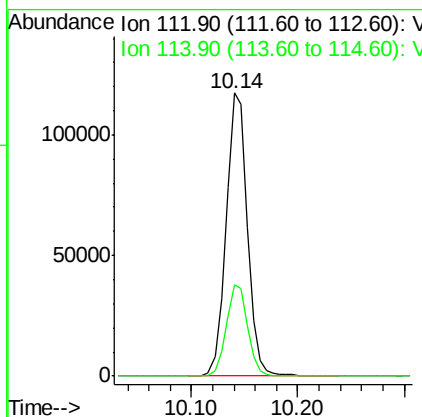
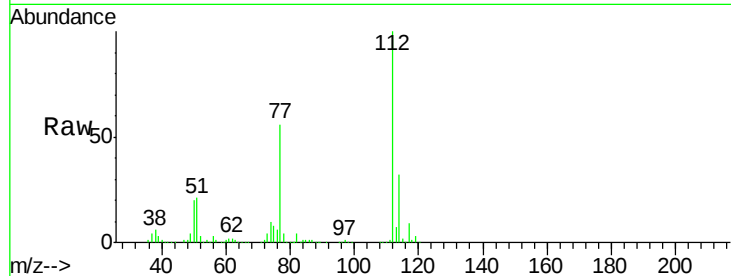
#65
Chlorobenzene
Concen: 21.33 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS02

Tot Ion:112 Resp: 163770
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

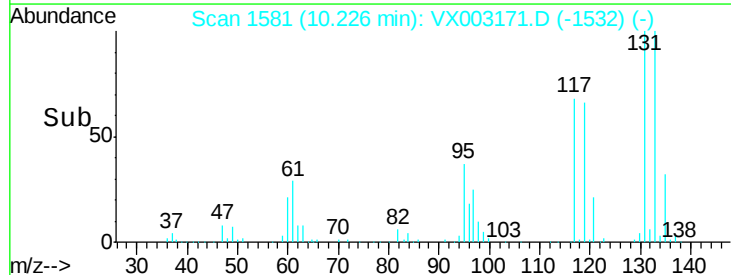
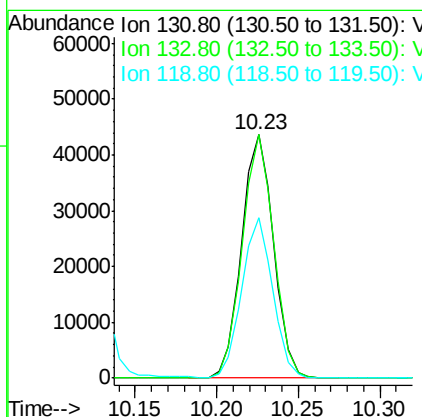
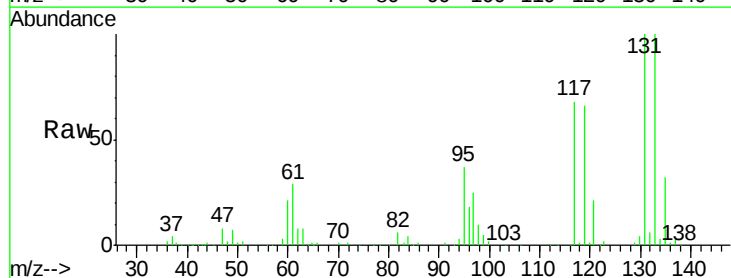
Manual Integrations
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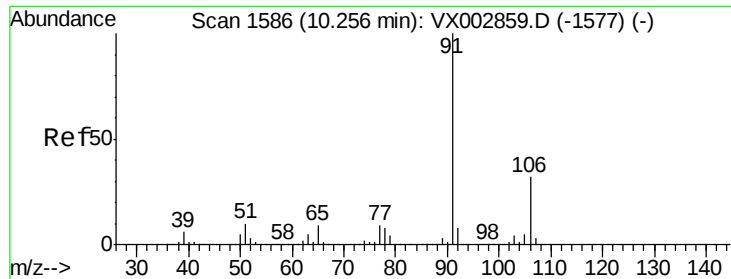
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.37 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion:131 Resp: 59611
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.6
119 64.3 31.8 95.3





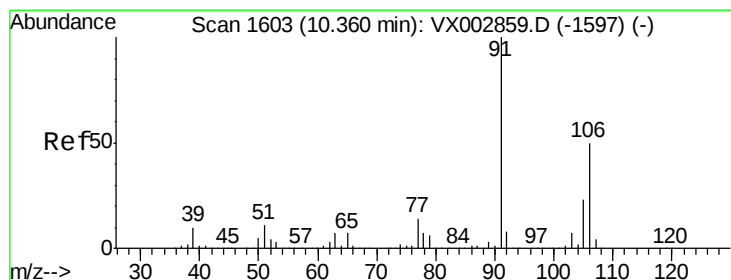
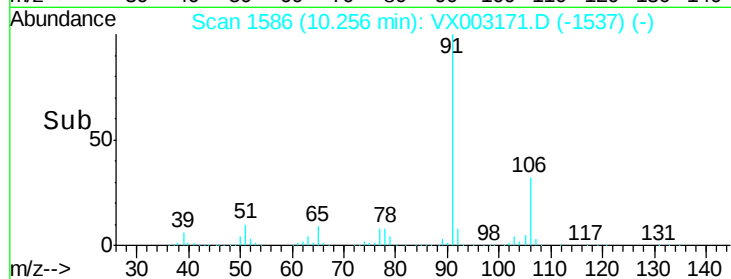
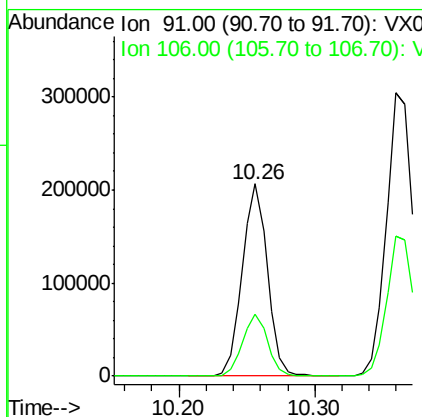
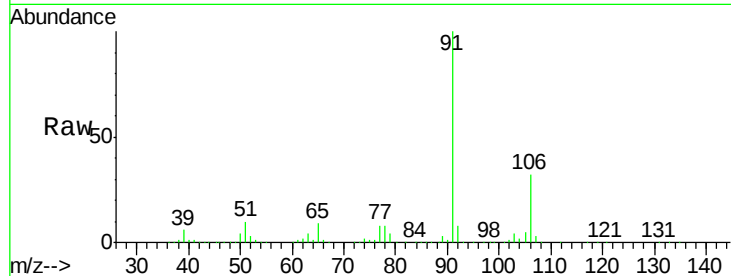
#67
Ethyl Benzene
Concen: 21.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS02

Tot Ion: 91 Resp: 268396
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

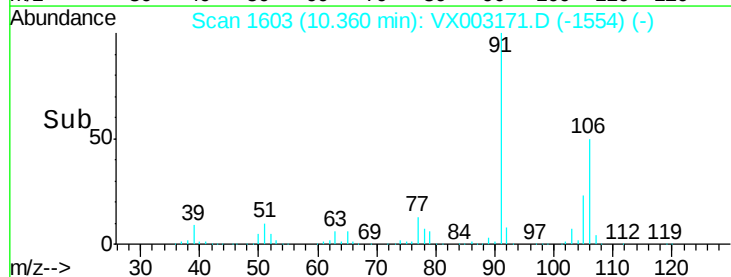
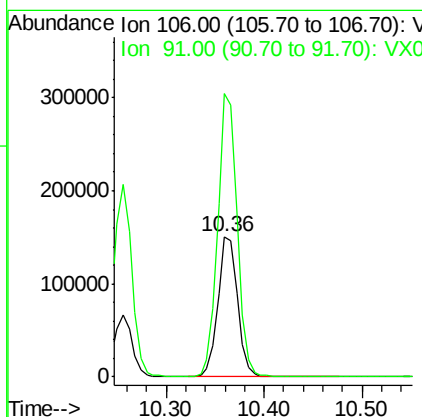
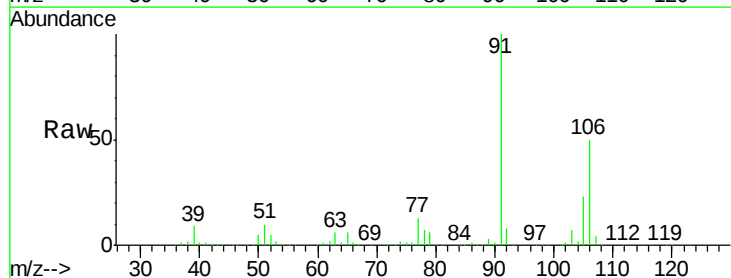
Manual Integrations
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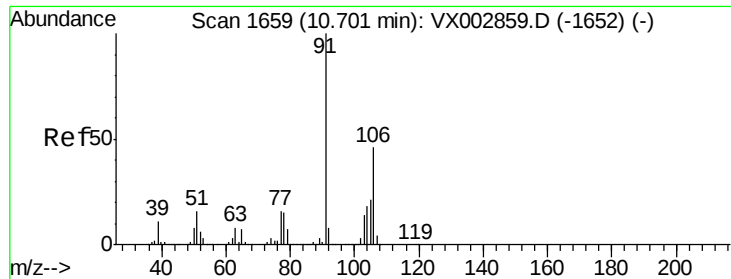
sam
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#68
m/p-Xylenes
Concen: 42.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion: 106 Resp: 209380
Ion Ratio Lower Upper
106 100
91 201.2 163.4 245.2





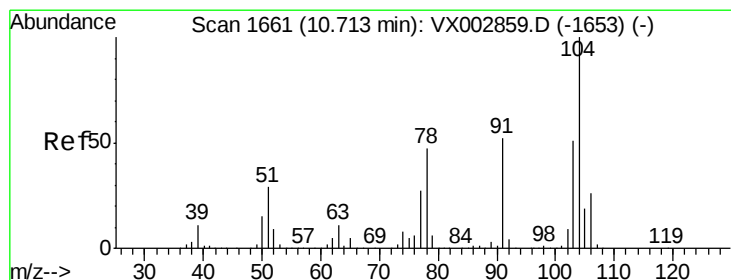
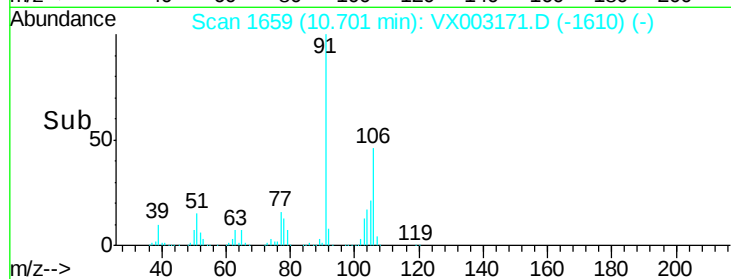
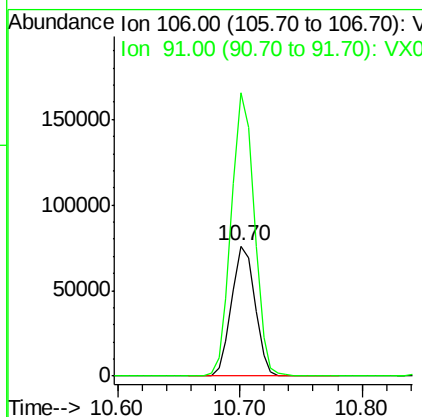
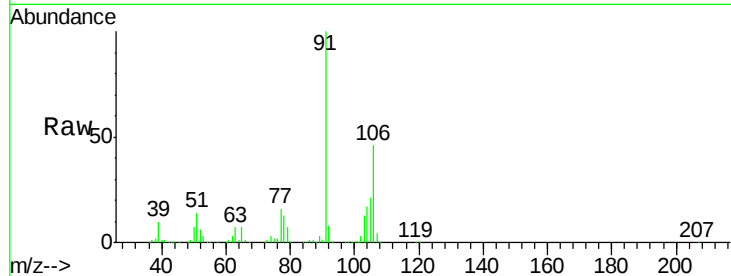
#69
o-Xylene
Concen: 21.19 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

Tot Ion:106 Resp: 100874
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

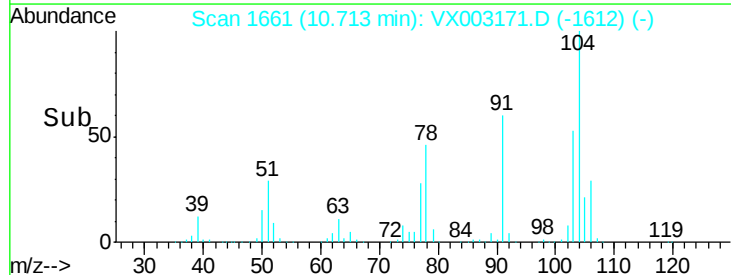
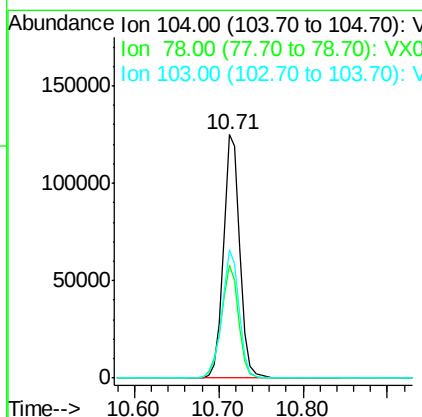
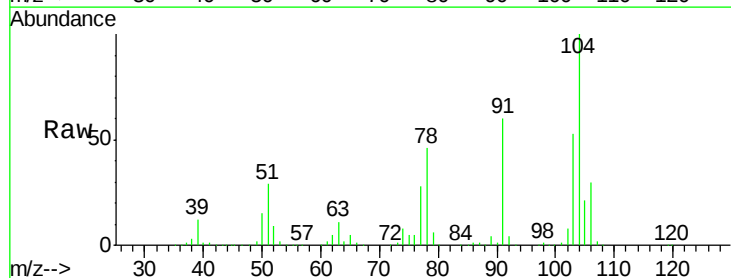
Manual Integrations
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sam
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#70
Styrene
Concen: 21.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion:104 Resp: 167504
Ion Ratio Lower Upper
104 100
78 49.6 41.0 61.6
103 55.8 44.2 66.4





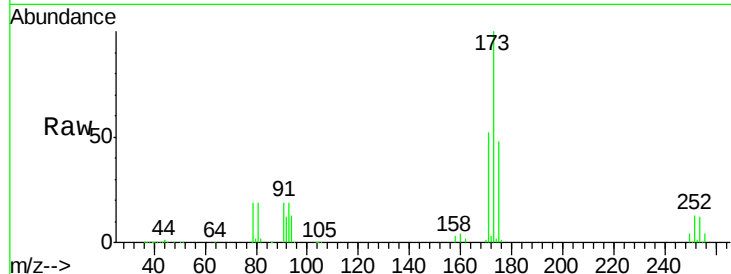
#71
Bromoform
Concen: 21.09 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBS02

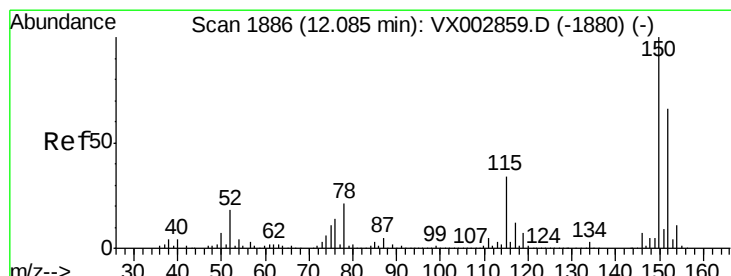
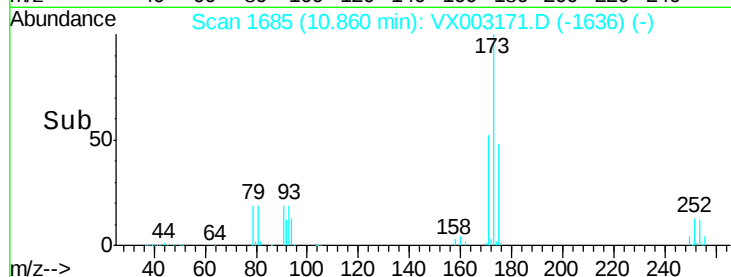
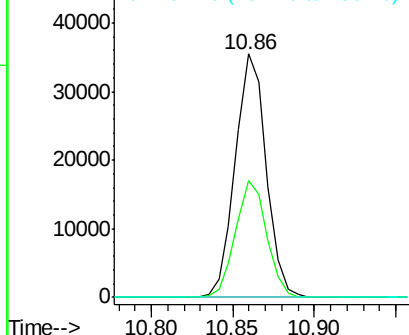
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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sam
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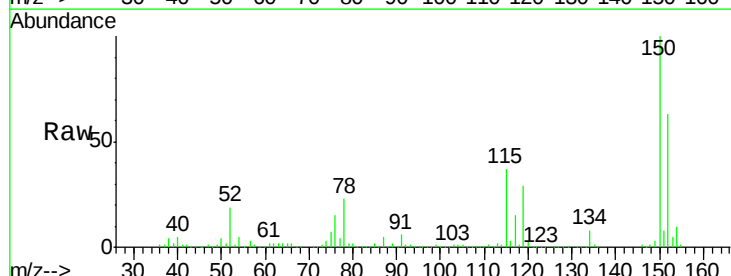


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

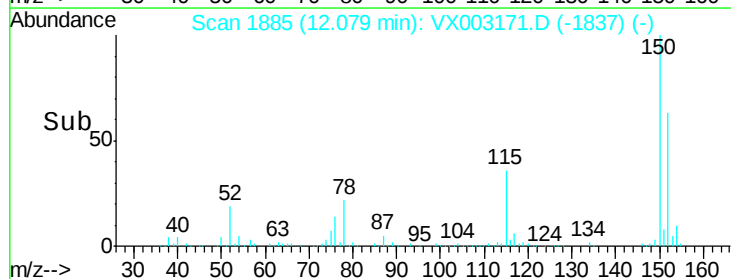
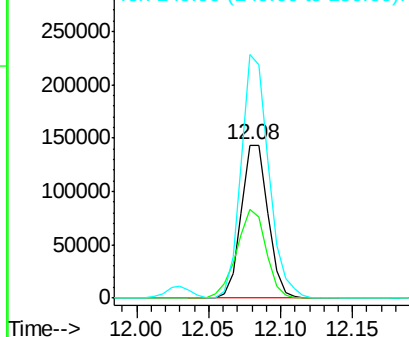


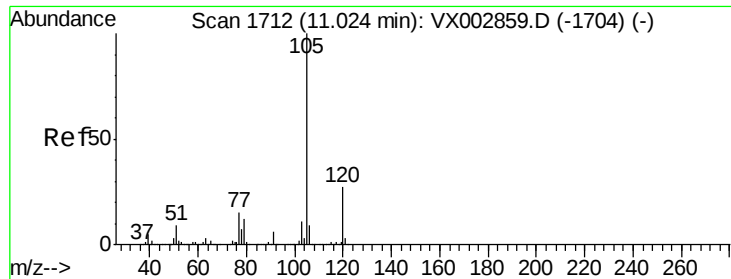
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	40.1	120.2
150	163.7	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: 22.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion: 105 Resp: 279125

Ion Ratio Lower Upper

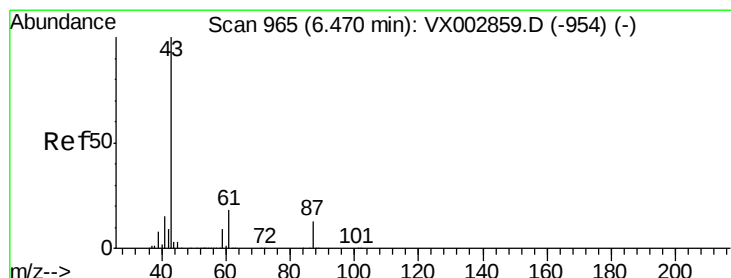
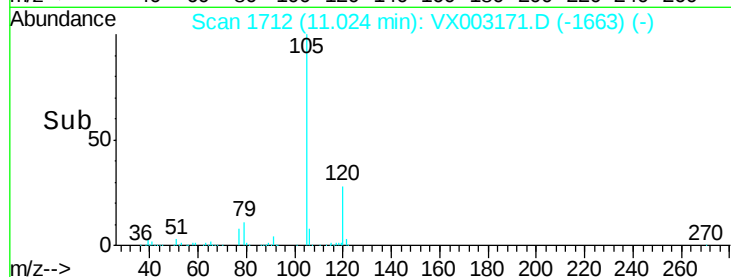
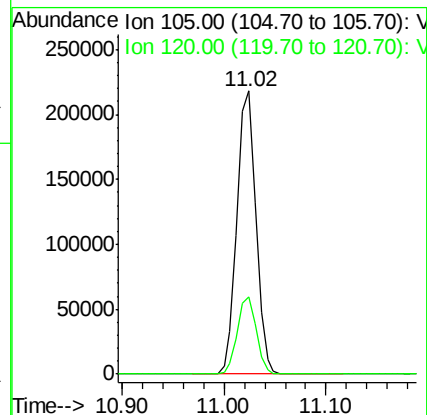
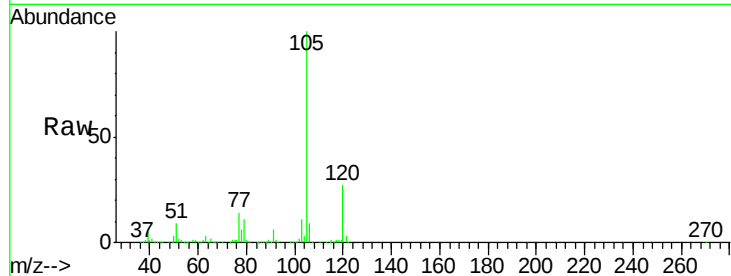
105 100

120 27.3 13.5 40.4

Manual Integrations
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sam

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#74

N-ethyl acetate

Concen: 20.82 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion: 43 Resp: 126967

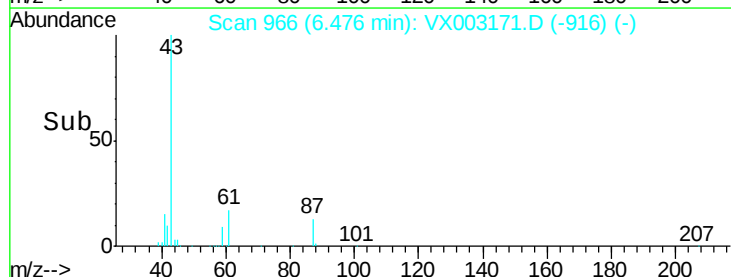
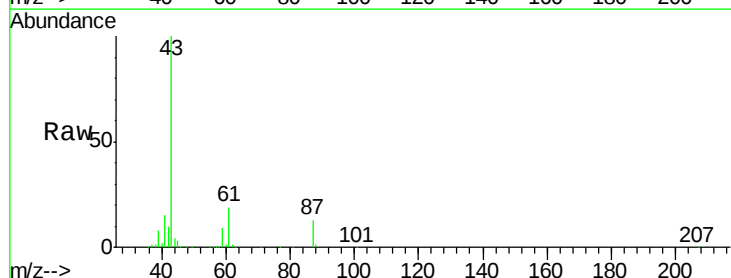
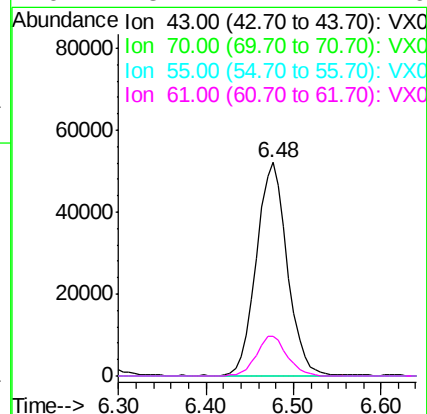
Ion Ratio Lower Upper

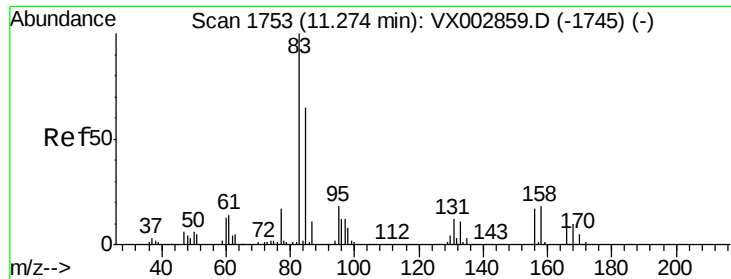
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion: 83 Resp: 87044

Ion Ratio Lower Upper

83 100

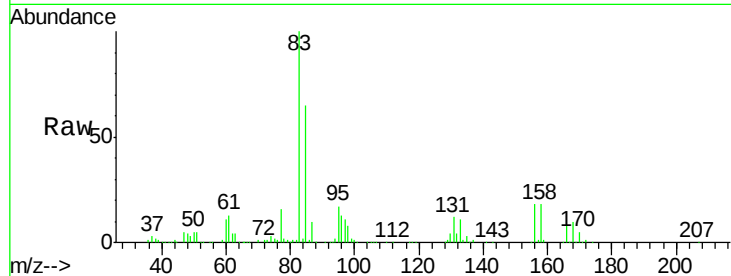
131 11.4 5.6 16.8

85 64.1 32.4 97.2

Manual Integrations
APPROVED

sam

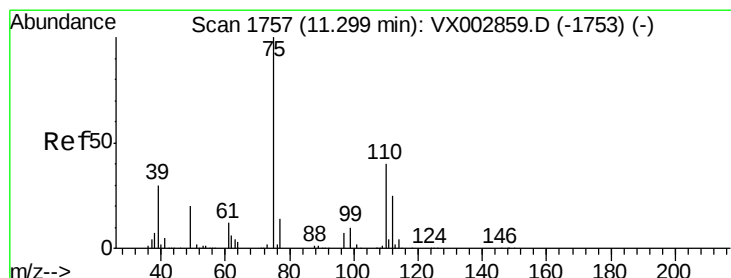
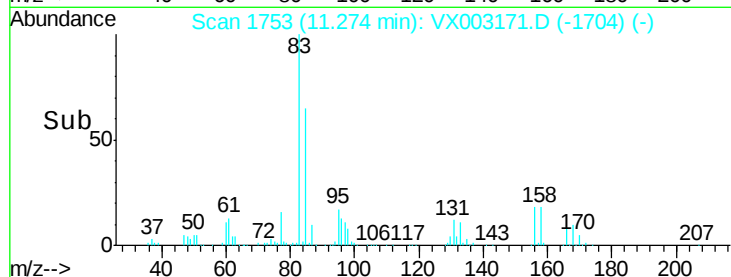
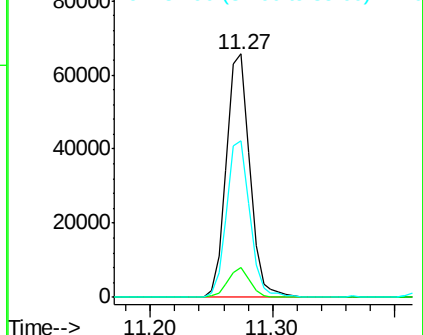
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.28 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003171.D

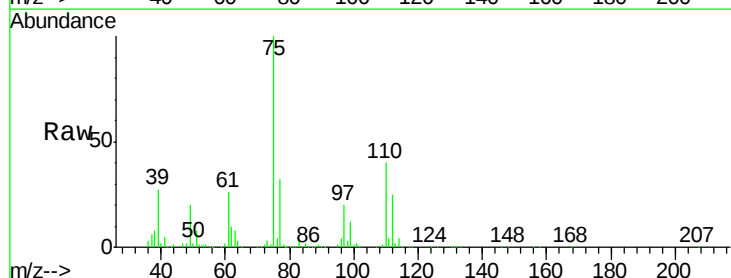
Acq: 05 Jul 2018 14:46

Tgt Ion: 75 Resp: 74788

Ion Ratio Lower Upper

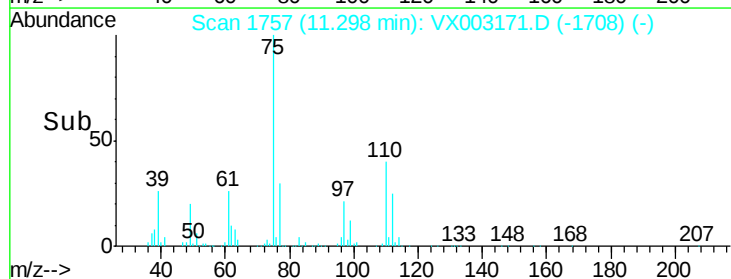
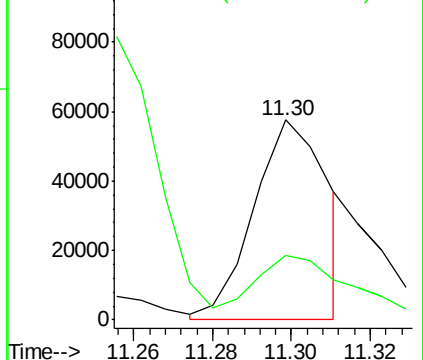
75 100

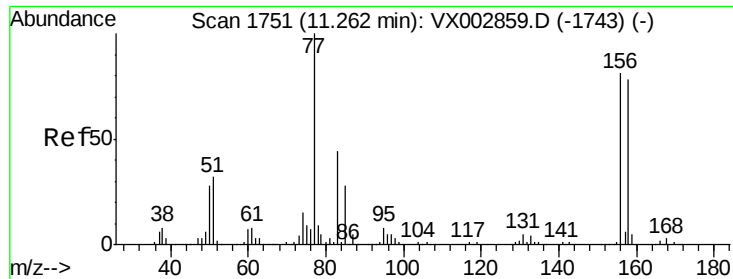
77 42.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion:156 Resp: 78073

Ion Ratio Lower Upper

156 100

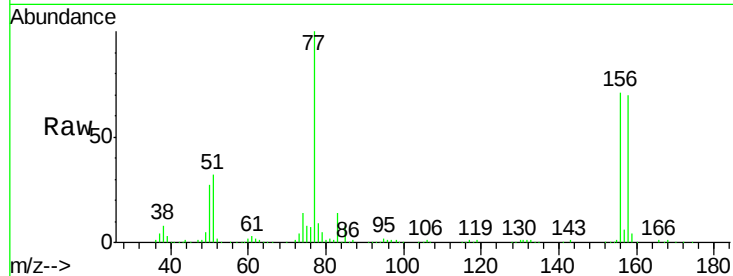
77 134.5 71.4 214.2

158 97.9 48.9 146.6

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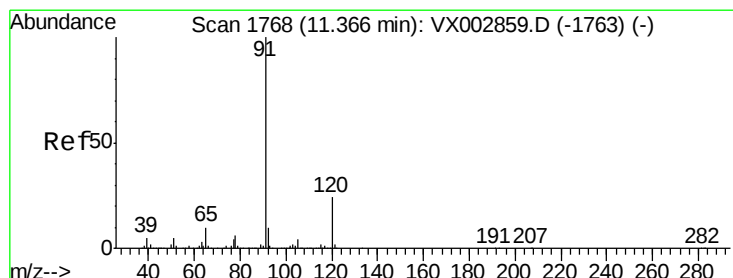
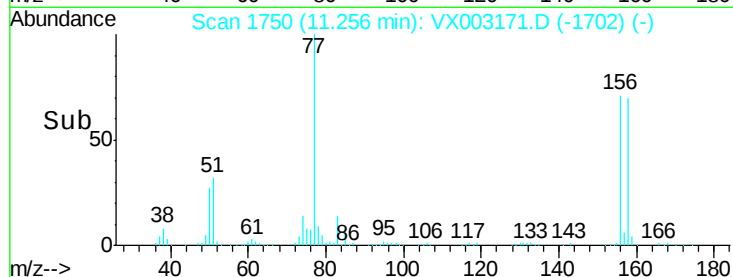
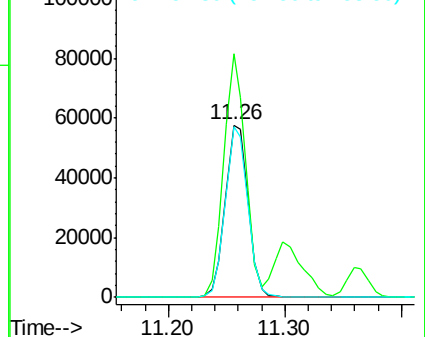
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.85 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003171.D

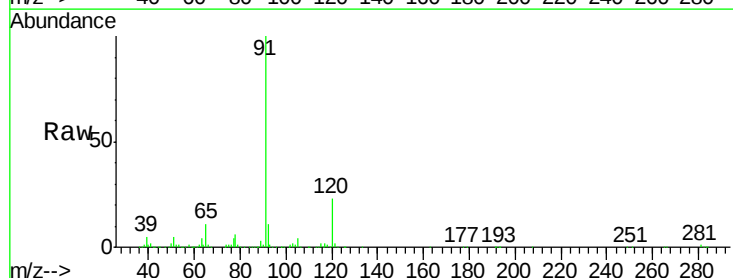
Acq: 05 Jul 2018 14:46

Tgt Ion: 91 Resp: 310064

Ion Ratio Lower Upper

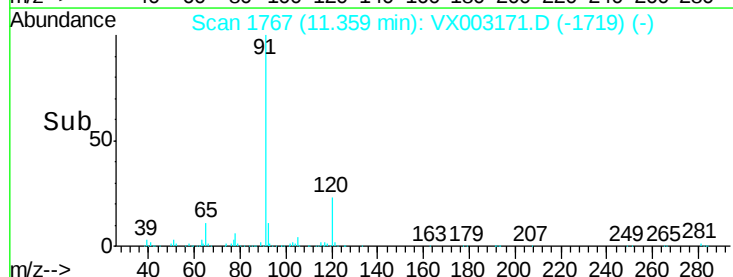
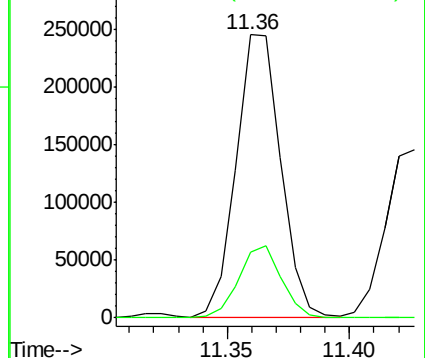
91 100

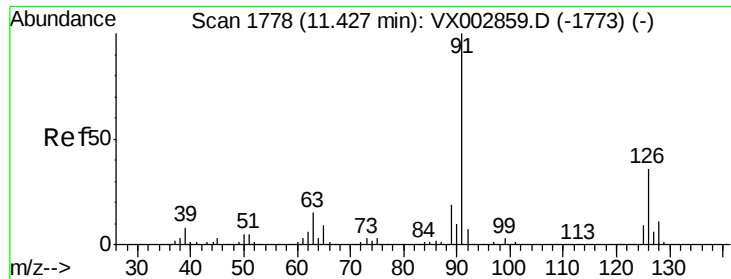
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





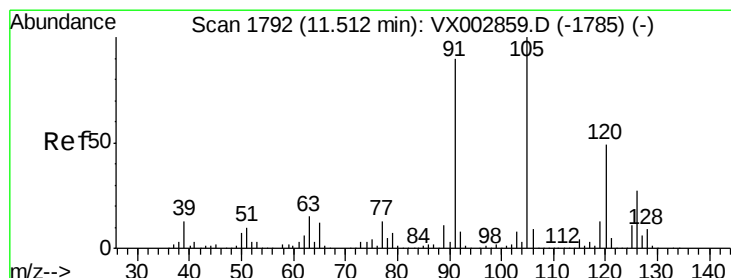
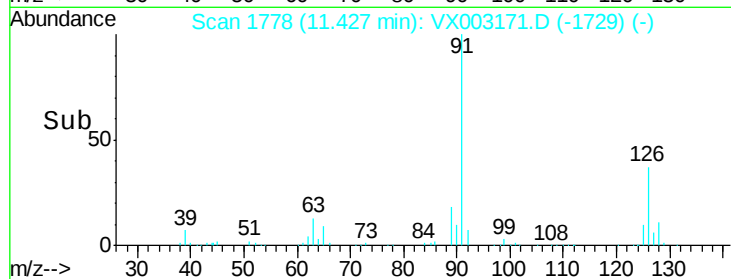
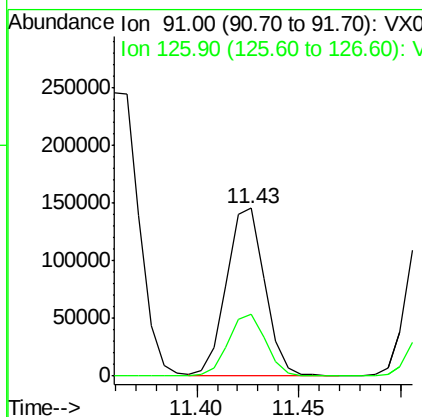
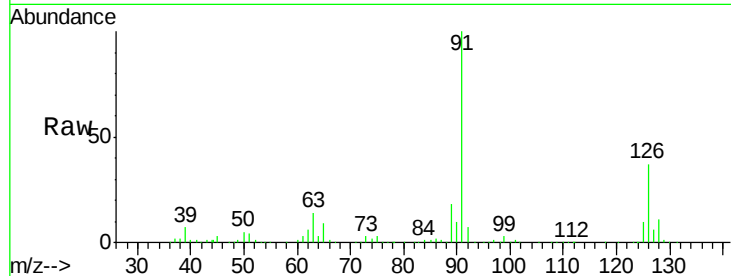
#79
 2-Chlorotoluene
 Concen: 21.87 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0705WBS02

Tot Ion: 91 Resp: 187856
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.7 53.1

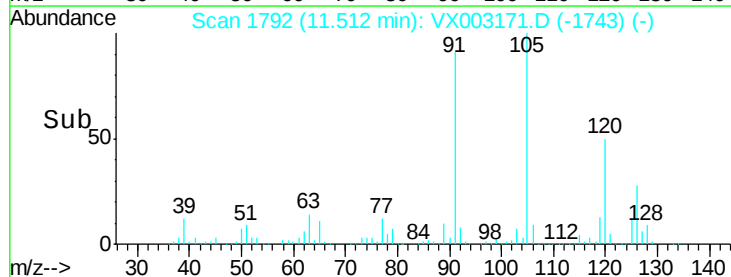
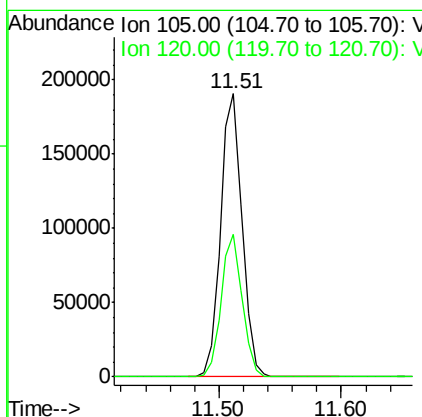
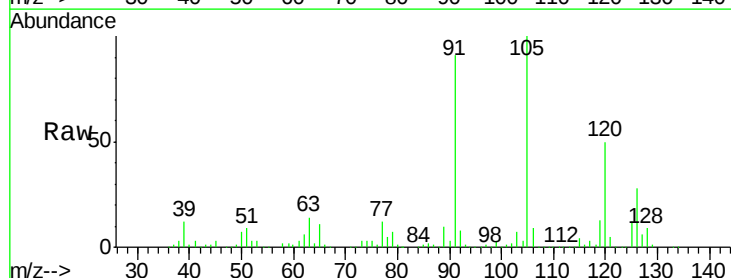
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.17 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion: 105 Resp: 232738
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4





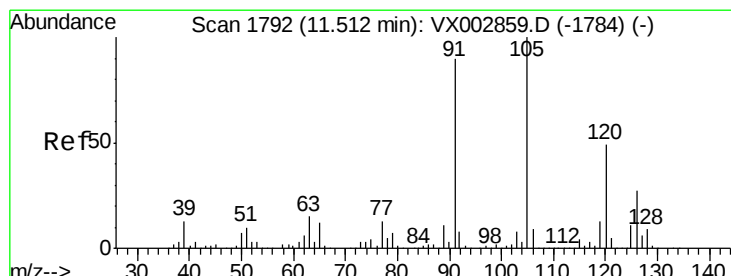
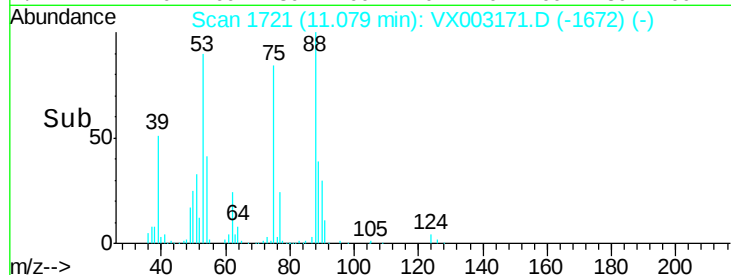
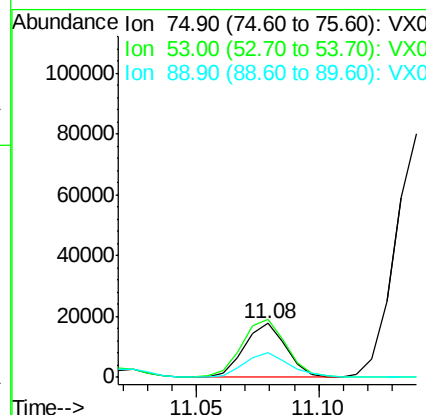
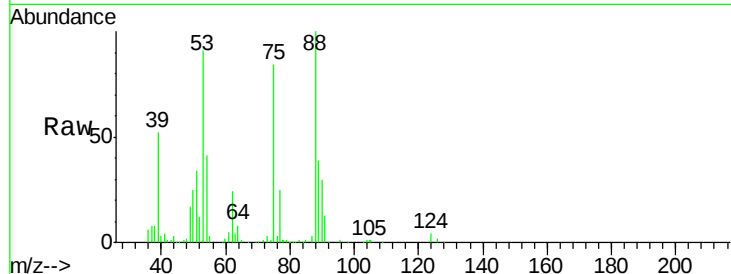
#81
trans-1,4-Dichloro-2-butene
Concen: 20.28 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VX0705WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.4	86.8	130.2
89	50.9	38.2	57.2

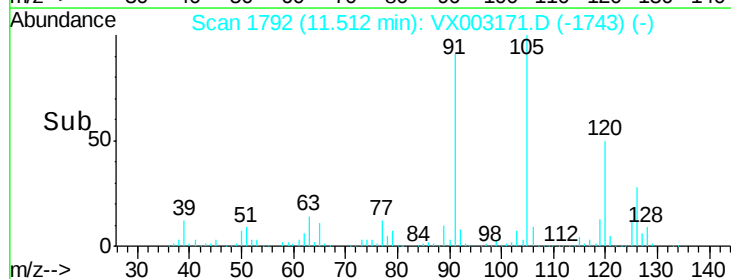
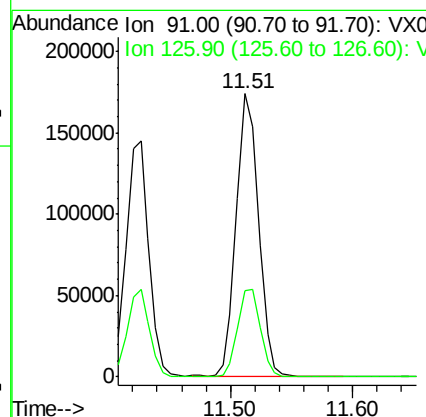
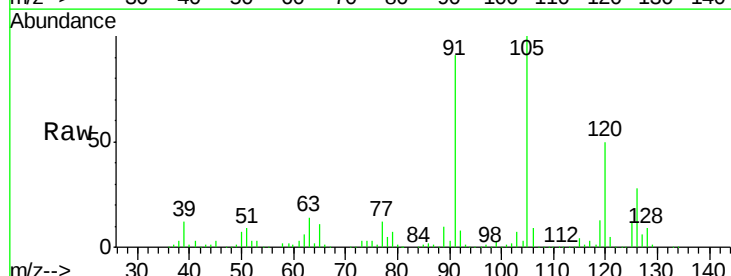
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#82
4-Chlorotoluene
Concen: 21.60 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003171.D
Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4





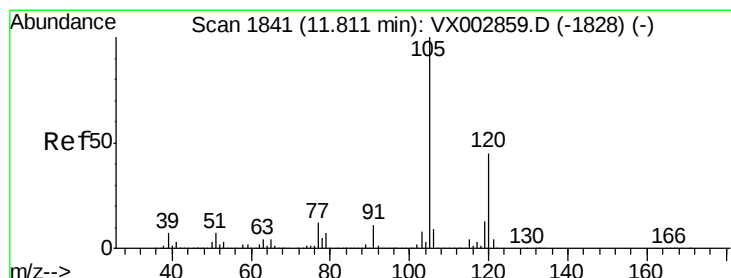
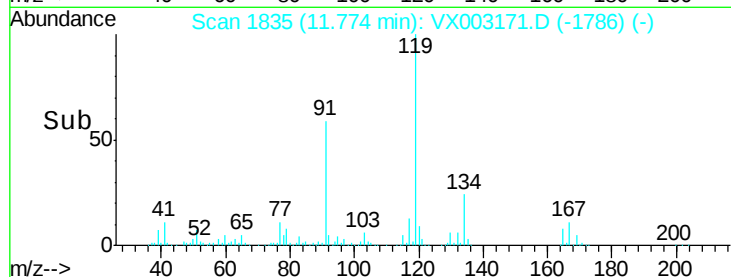
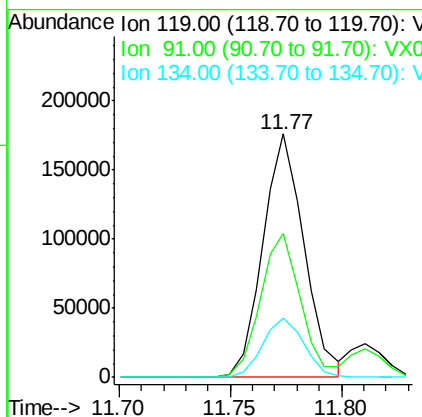
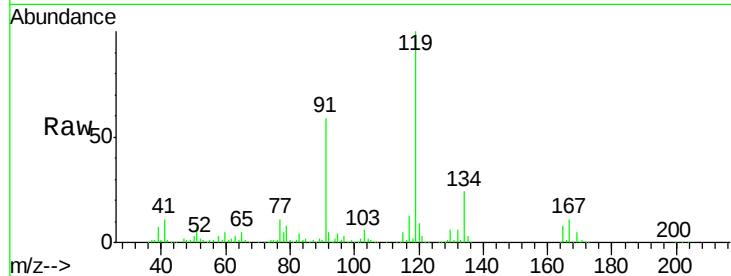
#83
 tert-Butylbenzene
 Concen: 21.85 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	226085		
91	58.3		30.3	90.9
134	24.3		11.7	35.1

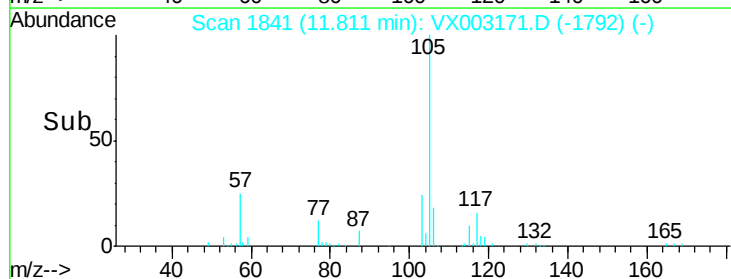
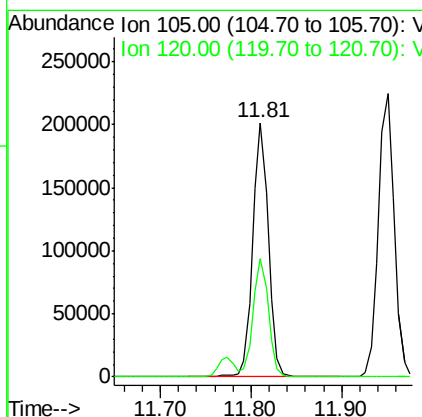
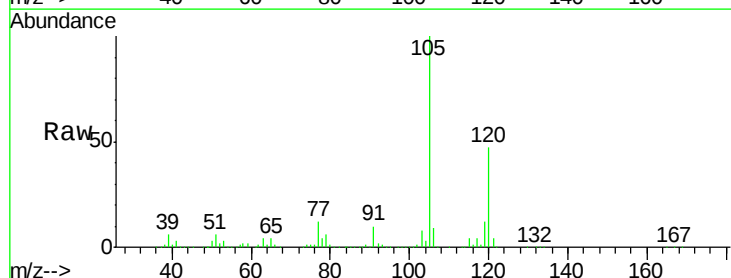
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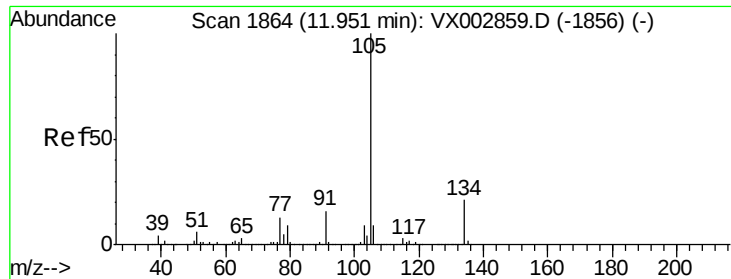
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.11 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240541		
120	46.0		22.3	66.8





#85

sec-Butylbenzene

Concen: 21.70 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0705WBS02

Tot Ion:105 Resp: 272378

Ion Ratio Lower Upper

105 100

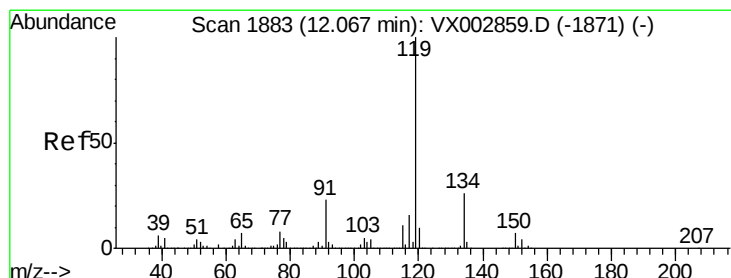
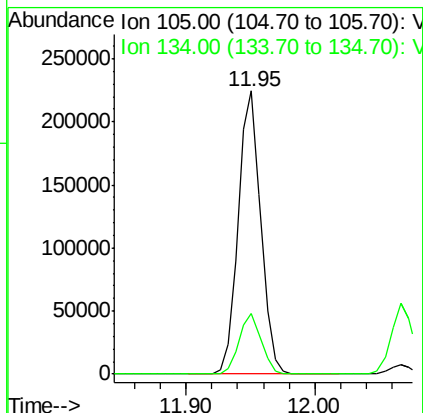
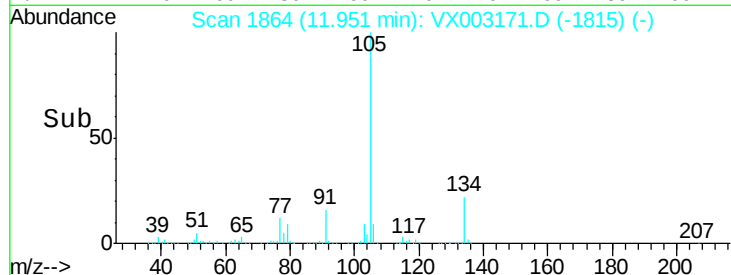
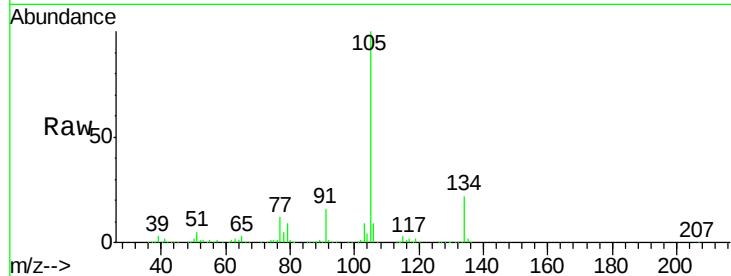
134 21.2 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 21.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

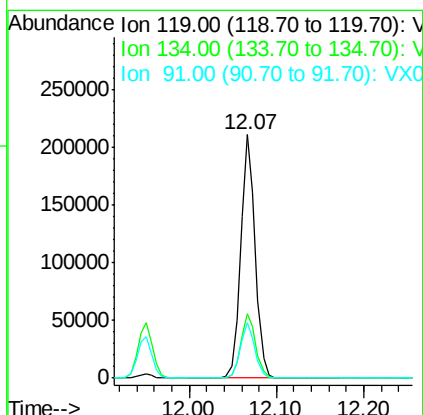
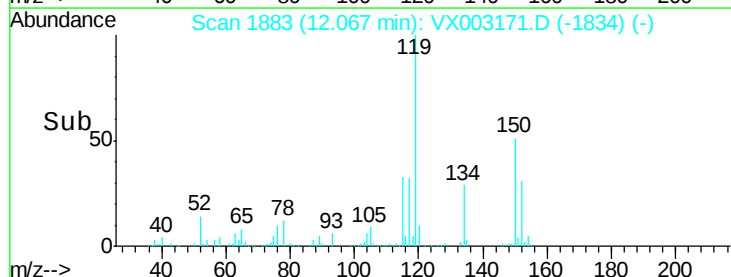
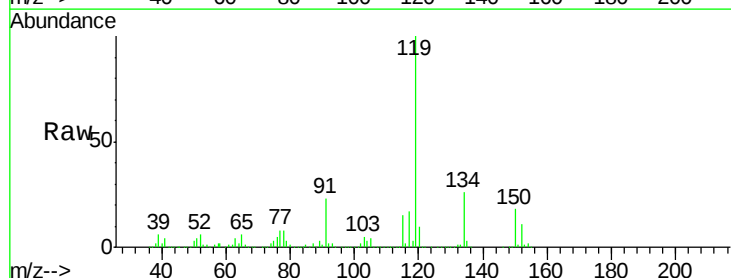
Tgt Ion:119 Resp: 243565

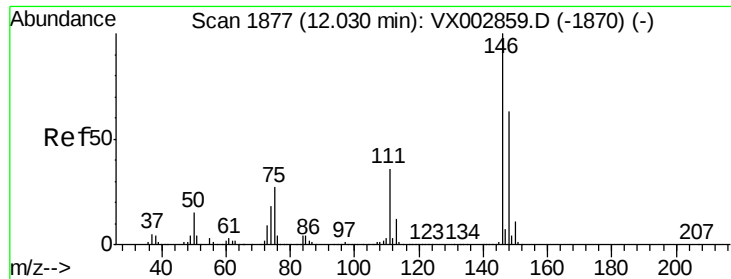
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 21.36 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

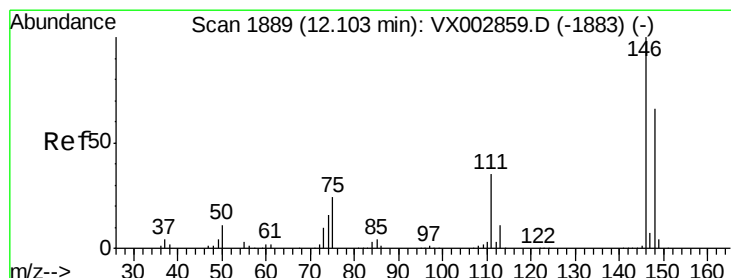
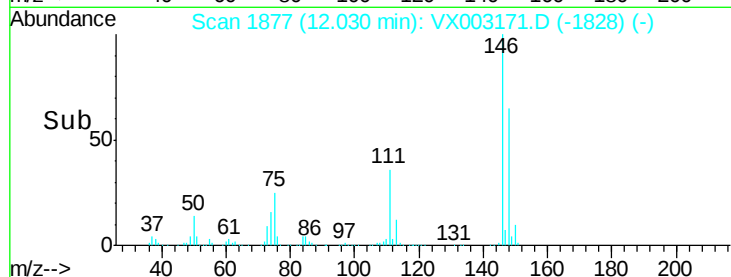
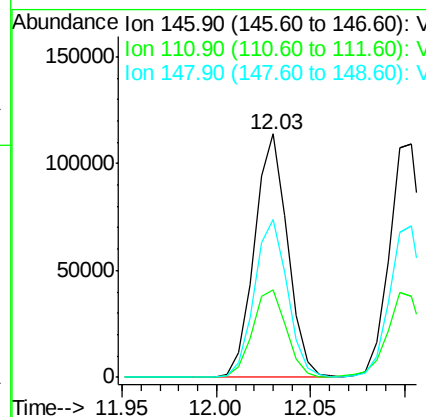
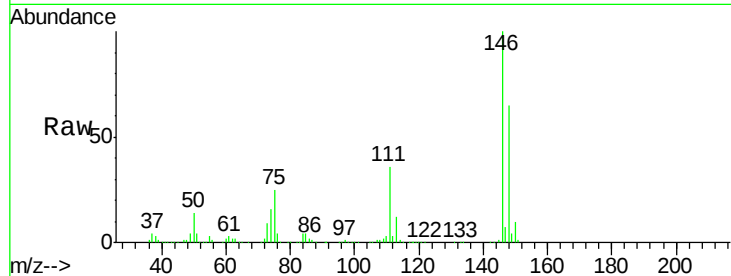
ClientSampled :

VX0705WBS02

Tot Ion:	146	Resp:	138471
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.9	56.7
148	64.7	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 20.99 ug/l

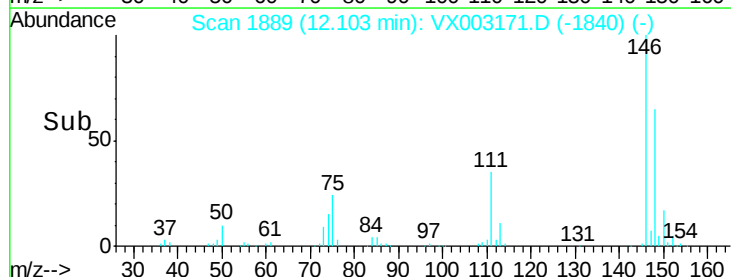
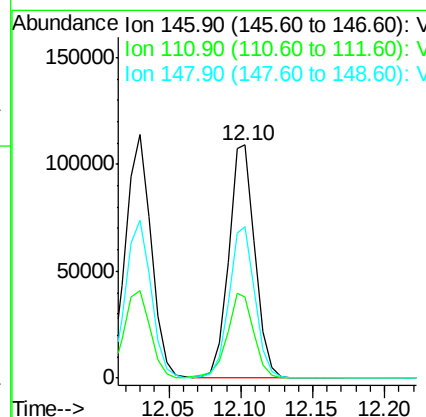
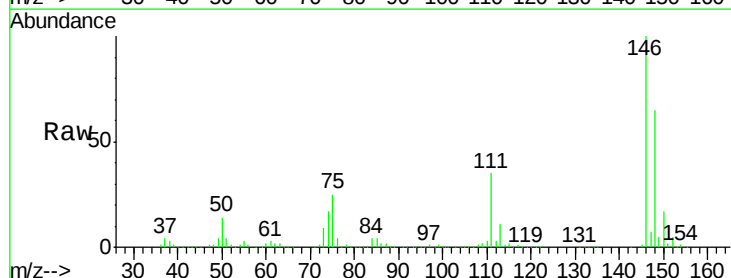
RT: 12.10 min Scan# 1889

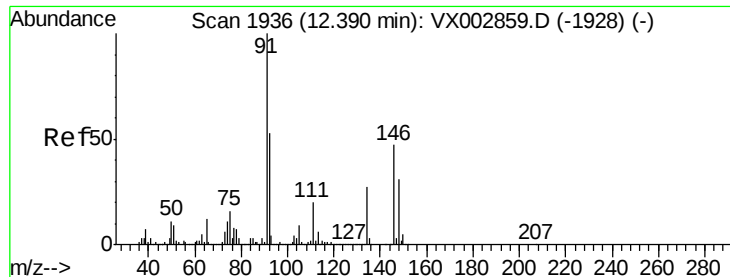
Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	146	Resp:	140035
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.7	56.1
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 20.10 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

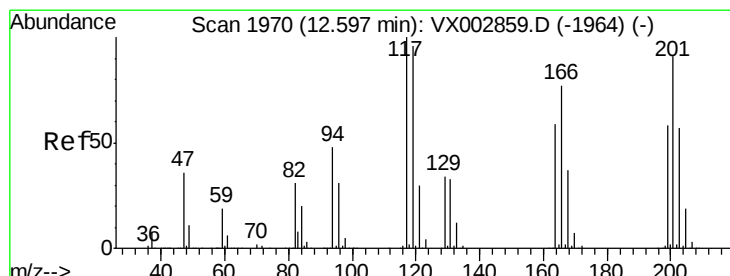
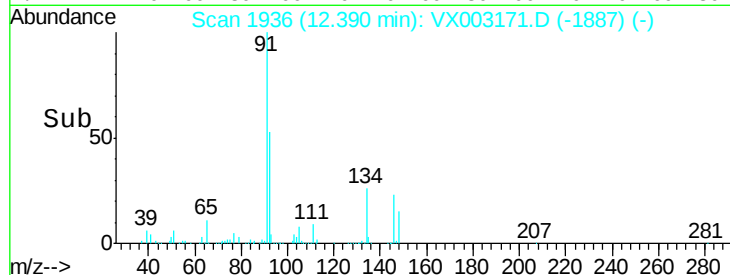
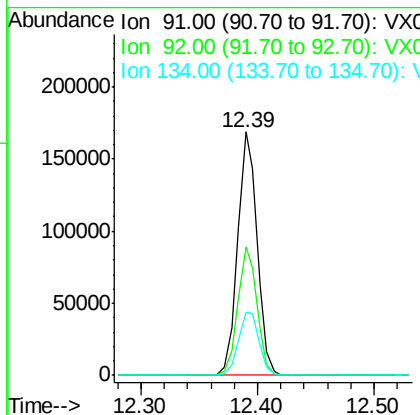
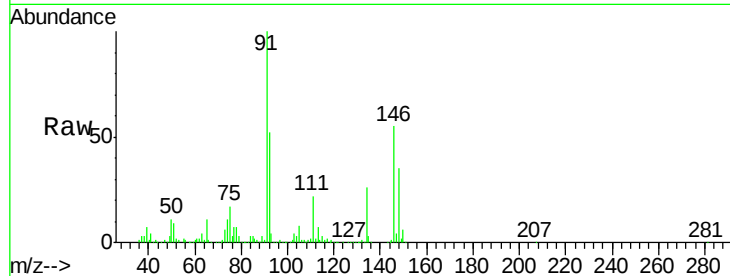
ClientSampleId :

VX0705WBS02

Tot Ion:	91	Resp:	197461
Ion Ratio	Lower	Upper	
91	100		
92	51.9	26.0	78.0
134	27.5	13.5	40.5

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#90

Hexachloroethane

Concen: 20.05 ug/l

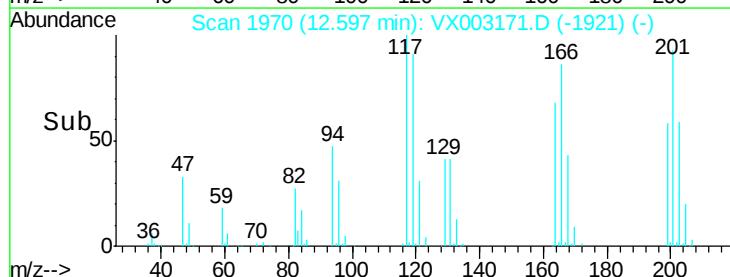
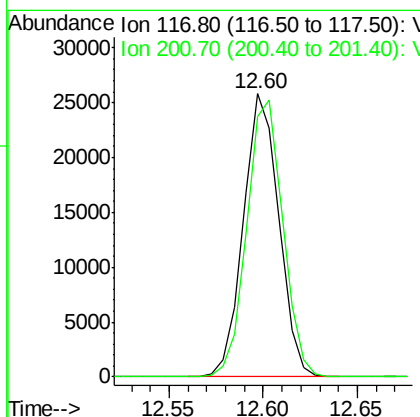
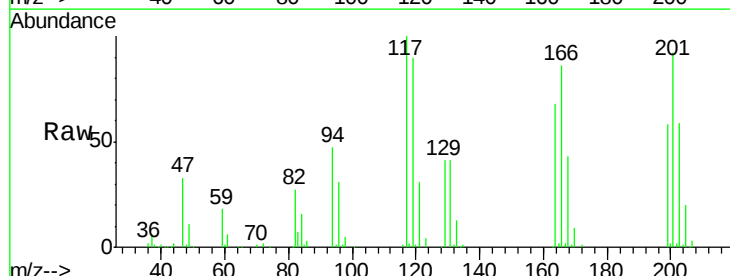
RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	117	Resp:	33647
Ion Ratio	Lower	Upper	
117	100		
201	99.5	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 21.40 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

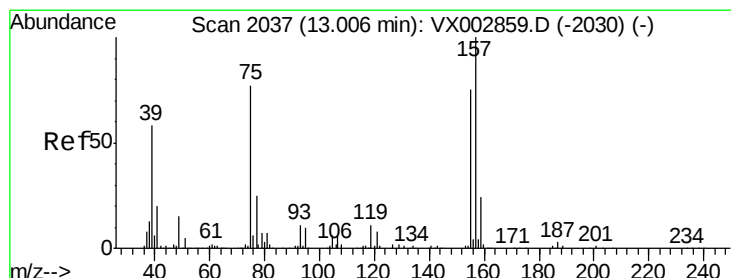
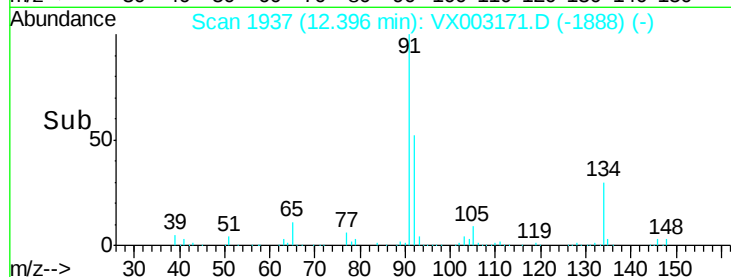
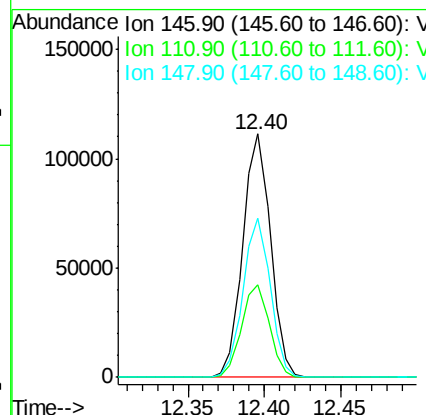
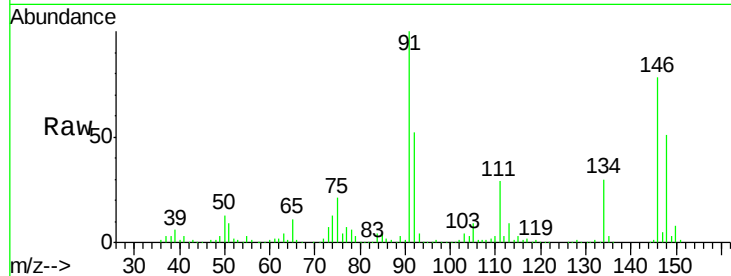
ClientSampleId :

VX0705WBS02

Tot Ion:	146	Resp:	140062
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.1
148	64.6	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.21 ug/l

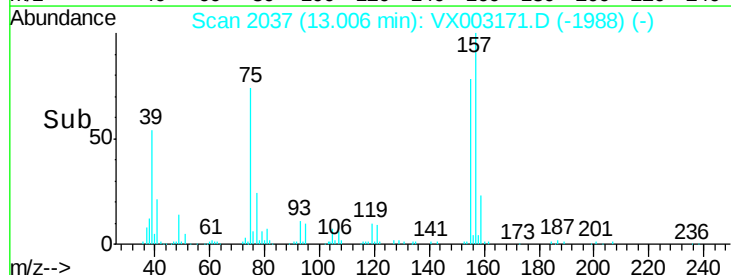
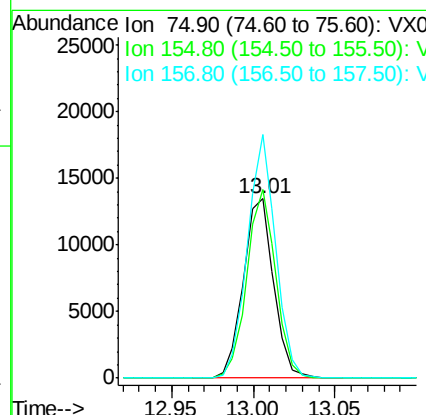
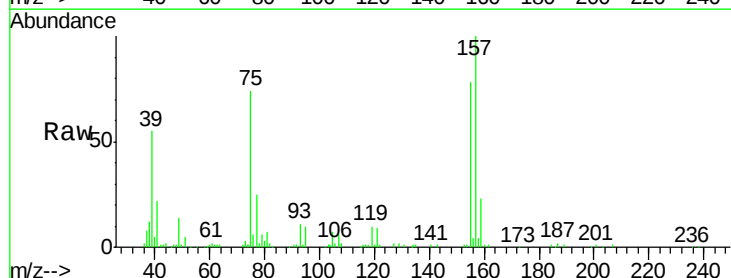
RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	75	Resp:	17448
Ion Ratio	Lower	Upper	
75	100		
155	99.8	45.8	137.4
157	126.1	60.1	180.3





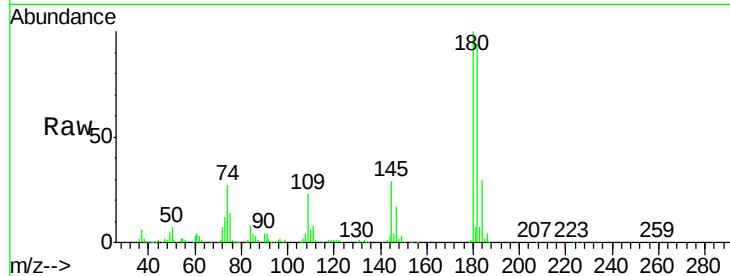
#93
 1,2,4-Trichlorobenzene
 Concen: 20.55 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS02

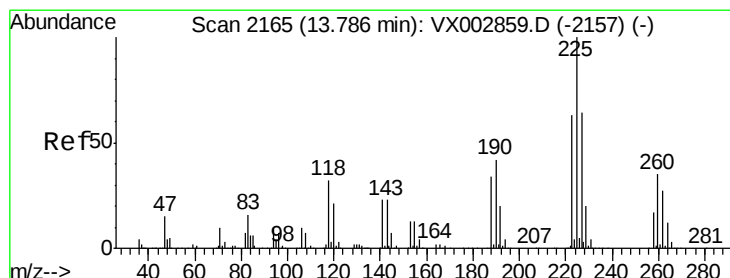
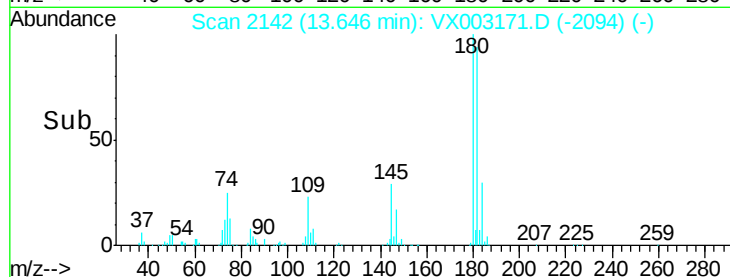
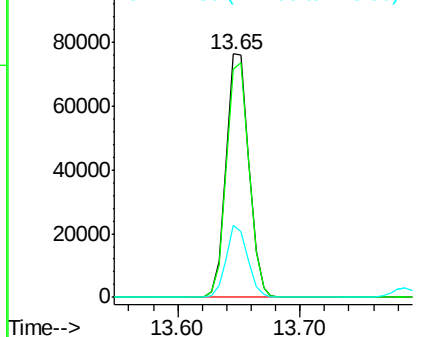
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.7	143.1
145	27.8	14.1	42.4

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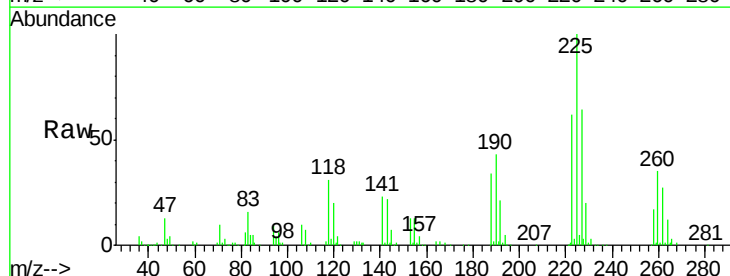


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

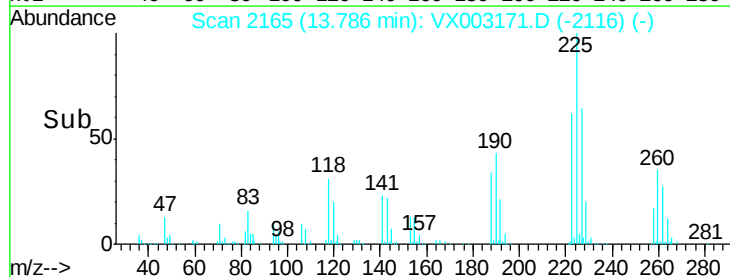
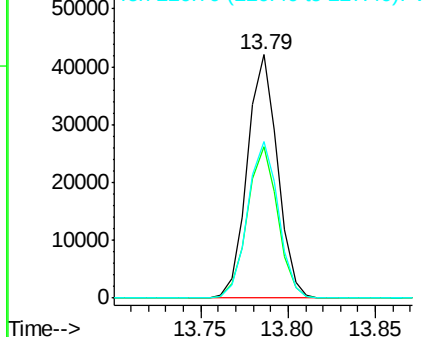


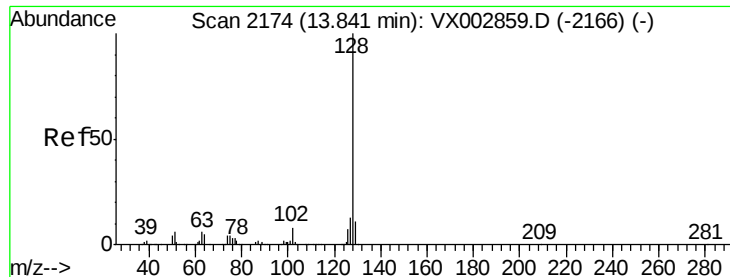
#94
 Hexachlorobutadiene
 Concen: 21.22 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003171.D
 Acq: 05 Jul 2018 14:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	95.0
227	65.4	32.4	97.2



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





#95

Naphthalene

Concen: 21.74 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Instrument :

MSVOA_X

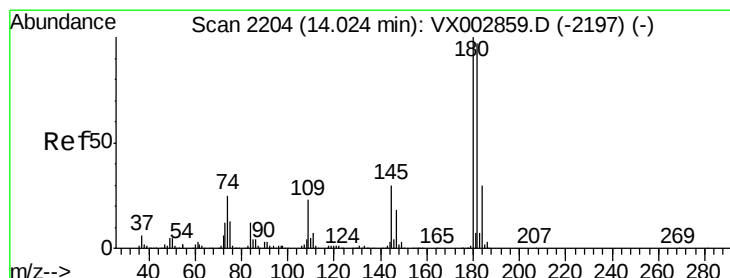
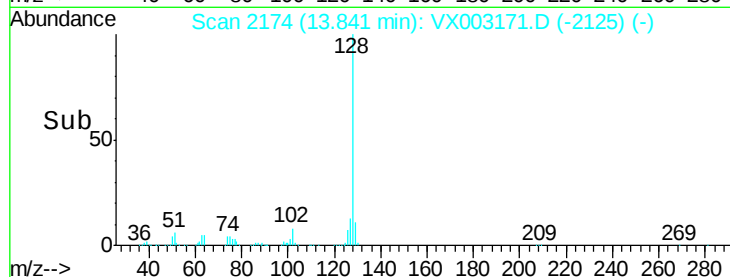
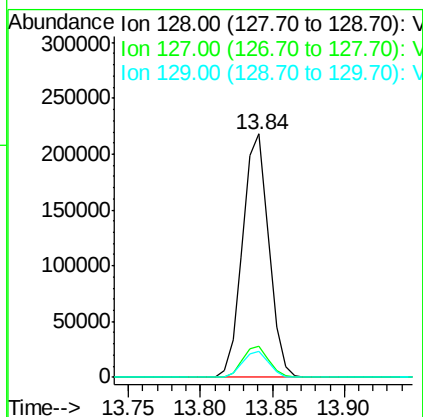
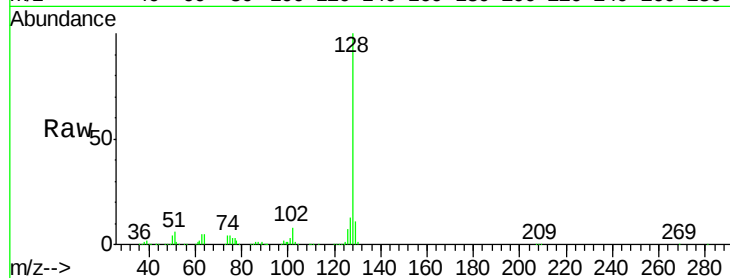
ClientSampled :

VX0705WBS02

Tot Ion:	128	Resp:	275696
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

sam
7/6/2018 4:20:16 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.44 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003171.D

Acq: 05 Jul 2018 14:46

Tgt Ion:	180	Resp:	101968
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.0	144.0
145	30.1	14.8	44.3

