

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003176.D
 Acq On : 05 Jul 2018 17:00
 Operator : JC/MD
 Sample : VX0705WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Manual Integrations
 APPROVED

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Quant Time: Jul 05 17:57:23 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	249430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152051	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	
35) Dibromofluoromethane	5.51	113	126831	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.72	98	457047	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	170074	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48304	21.52	ug/l	97
3) Chloromethane	1.32	50	51308	21.51	ug/l	97
4) Vinyl Chloride	1.40	62	56273	19.95	ug/l	96
5) Bromomethane	1.64	94	25535	17.63	ug/l	96
6) Chloroethane	1.72	64	35872	20.42	ug/l	100
7) Trichlorofluoromethane	1.93	101	89244	18.76	ug/l	99
8) Diethyl Ether	2.19	74	33785	19.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52566	19.07	ug/l	97
10) Methyl Iodide	2.51	142	44001	20.00	ug/l	97
11) Tert butyl alcohol	3.08	59	70594	102.79	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46784	19.02	ug/l	98
13) Acrolein	2.29	56	27045	74.06	ug/l	98
14) Allyl chloride	2.73	41	93448	19.27	ug/l	95
15) Acrylonitrile	3.15	53	150954	102.90	ug/l	99
16) Acetone	2.45	43	155532	108.93	ug/l	95
17) Carbon Disulfide	2.57	76	121583	18.55	ug/l	98
18) Methyl Acetate	2.78	43	75968	19.03	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	167501	18.94	ug/l	100
20) Methylene Chloride	2.86	84	56339	20.28	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	50541	18.86	ug/l	96
22) Diisopropyl ether	3.88	45	177060	19.10	ug/l	98
23) Vinyl Acetate	3.83	43	776521	98.94	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97330	19.32	ug/l	98
25) 2-Butanone	4.71	43	237140	111.91	ug/l	96
26) 2,2-Dichloropropane	4.59	77	82044	20.03	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	61804	20.57	ug/l	99
28) Bromochloromethane	5.03	49	45479	18.86	ug/l	90
29) Tetrahydrofuran	5.17	42	146456	107.78	ug/l	96
30) Chloroform	5.22	83	105018	20.31	ug/l	98
31) Cyclohexane	5.57	56	83840	19.39	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	89762	19.73	ug/l	98
36) 1,1-Dichloropropene	5.81	75	73057	19.79	ug/l	98
37) Ethyl Acetate	4.87	43	87828	22.10	ug/l	97
38) Carbon Tetrachloride	5.79	117	81413	20.10	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83504	19.42	ug/l	98
40) Benzene	6.15	78	224236	20.91	ug/l	100
41) Methacrylonitrile	5.07	41	49115	21.46	ug/l	98
42) 1,2-Dichloroethane	6.20	62	84834	19.58	ug/l	98
43) Isopropyl Acetate	6.48	43	133316	20.00	ug/l	97
44) Trichloroethene	7.22	130	66025	20.65	ug/l	98
45) 1,2-Dichloropropane	7.53	63	57233	20.12	ug/l	97
46) Dibromomethane	7.67	93	40850	20.69	ug/l	95
47) Bromodichloromethane	7.90	83	74184	20.33	ug/l	99
48) Methyl methacrylate	7.78	41	68201	19.86	ug/l	92
49) 1,4-Dioxane	7.76	88	29903	447.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	457722	109.76	ug/l	97
52) Toluene	8.79	92	146660	21.35	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87137	21.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	77923	19.59	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	60890	21.57	ug/l	96
56) Ethyl methacrylate	9.19	69	84357	20.44	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97038	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	212306	106.65	ug/l	96
59) 2-Hexanone	9.50	43	346259	109.25	ug/l	97
60) Dibromochloromethane	9.59	129	61422	20.67	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62411	21.08	ug/l	98
64) Tetrachloroethene	9.34	164	73135	20.45	ug/l	98
65) Chlorobenzene	10.14	112	167281	20.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61295	20.65	ug/l	99
67) Ethyl Benzene	10.26	91	270968	20.08	ug/l	99
68) m/p-Xylenes	10.36	106	212768	40.90	ug/l	97
69) o-Xylene	10.70	106	102437	20.23	ug/l	97
70) Styrene	10.71	104	170379	20.70	ug/l	98
71) Bromoform	10.86	173	46892	20.02	ug/l	98
73) Isopropylbenzene	11.02	105	274342	19.63	ug/l	100
74) N-amyl acetate	6.48	43	133316	19.50	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	87363	20.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75958m	20.19	ug/l	
77) Bromobenzene	11.26	156	77234	19.41	ug/l	96
78) n-propylbenzene	11.37	91	302157	19.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	186489	19.37	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	227000	19.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21097	18.54	ug/l	95
82) 4-Chlorotoluene	11.51	91	214954	18.86	ug/l	98
83) tert-Butylbenzene	11.77	119	232148	20.02	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	242458	19.88	ug/l	97
85) sec-Butylbenzene	11.95	105	270283	19.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	245737	19.43	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	143772	19.78	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149640	20.01	ug/l	99
89) n-Butylbenzene	12.39	91	196340	17.83	ug/l	99
90) Hexachloroethane	12.60	117	34299	18.23	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	143260	19.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18440	19.06	ug/l	90

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MSVOA_X
ClientSampleId :
VX0705WBSD02

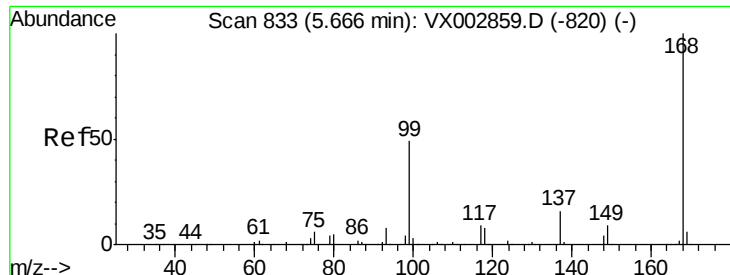
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99259	18.59	ug/l	98
94) Hexachlorobutadiene	13.79	225	49893	18.74	ug/l	99
95) Naphthalene	13.83	128	281380	19.79	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107697	20.20	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: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion:168 Resp: 249430

Ion Ratio Lower Upper

168 100

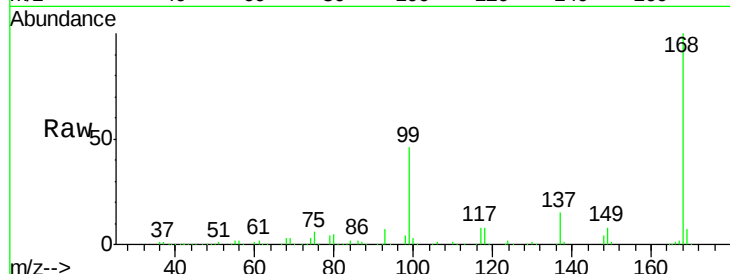
99 45.9 39.3 58.9

Manual Integrations

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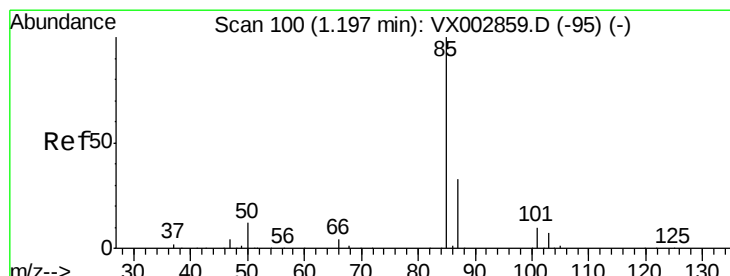
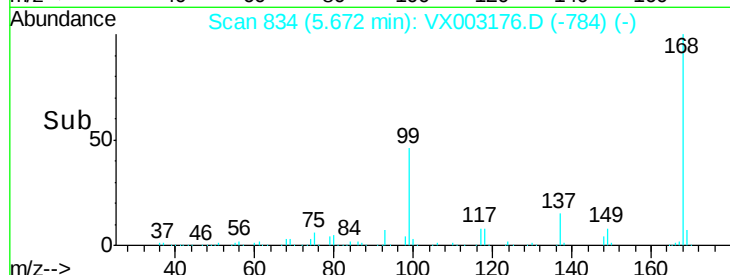
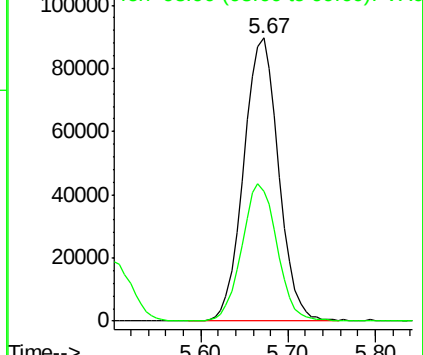
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003176.D

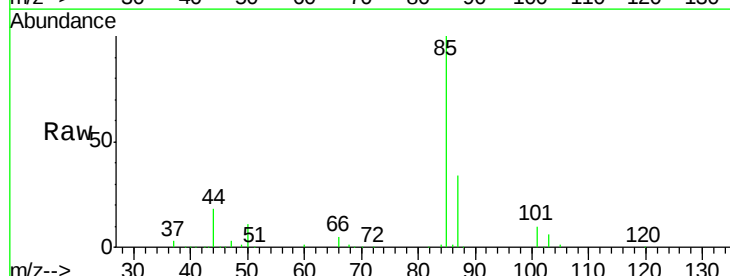
Acq: 05 Jul 2018 17:00

Tgt Ion: 85 Resp: 48304

Ion Ratio Lower Upper

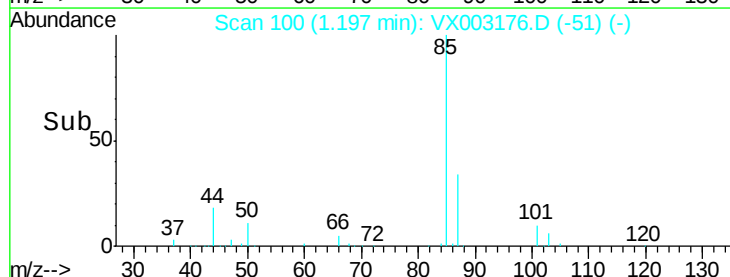
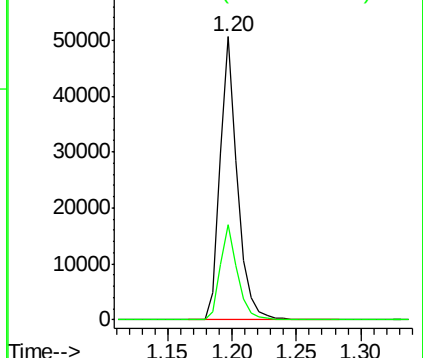
85 100

87 33.7 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: 21.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 50 Resp: 51308

Ion Ratio Lower Upper

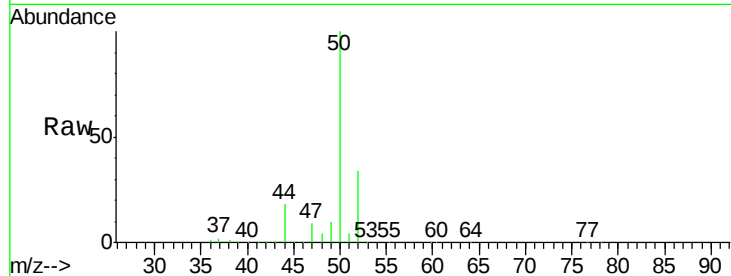
50 100

52 33.7 25.7 38.5

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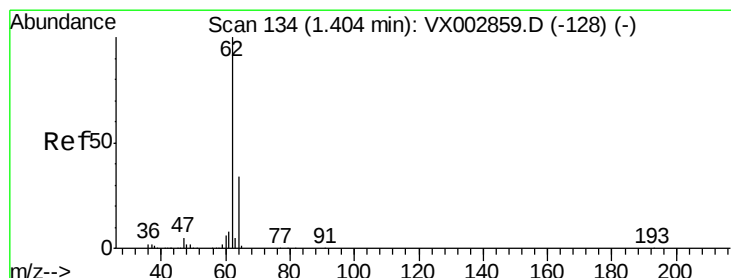
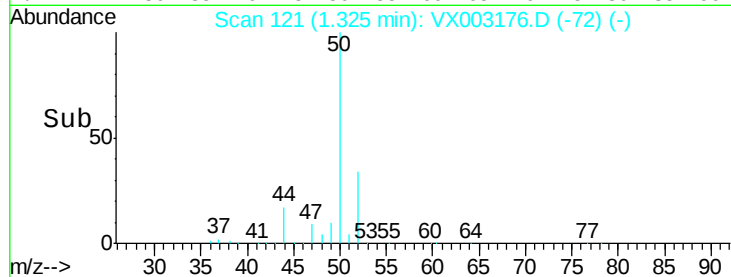
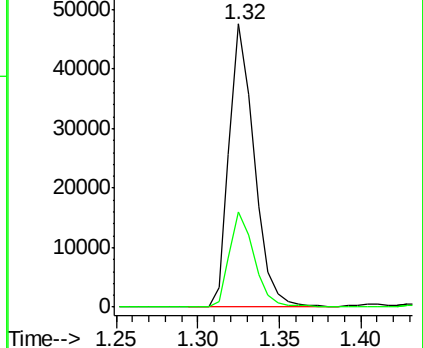
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003176.D

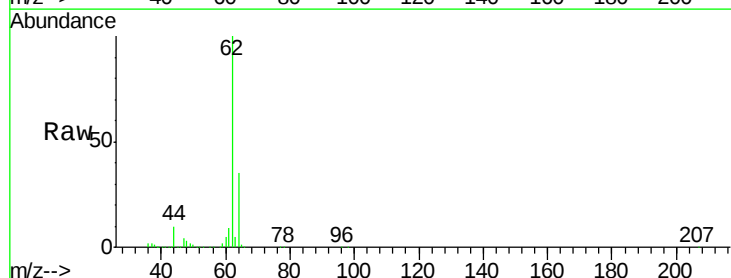
Acq: 05 Jul 2018 17:00

Tgt Ion: 62 Resp: 56273

Ion Ratio Lower Upper

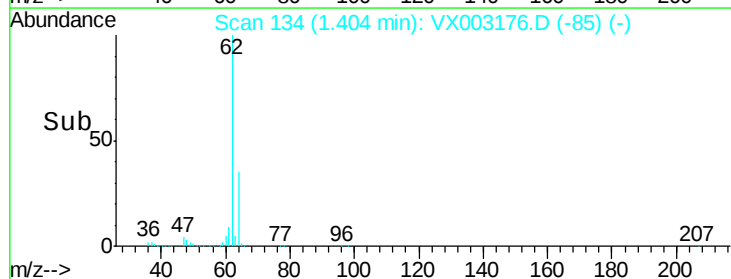
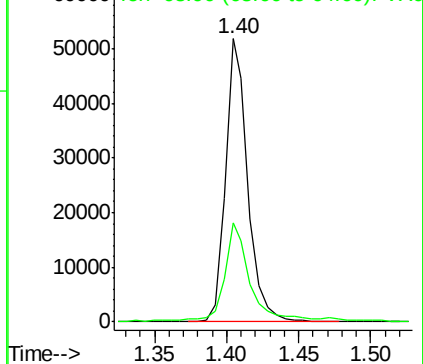
62 100

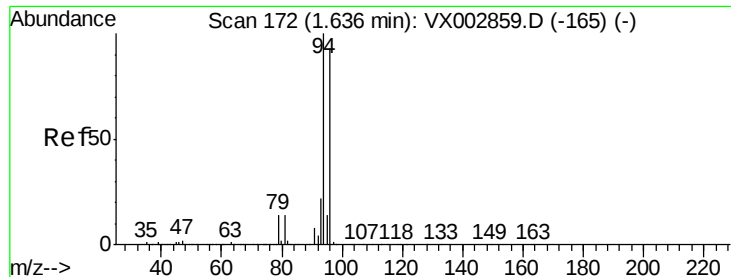
64 34.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 94 Resp: 25535

Ion Ratio Lower Upper

94 100

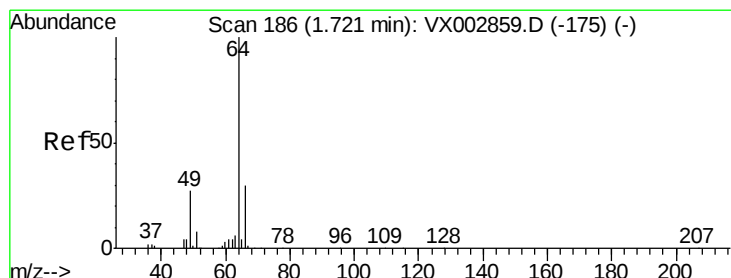
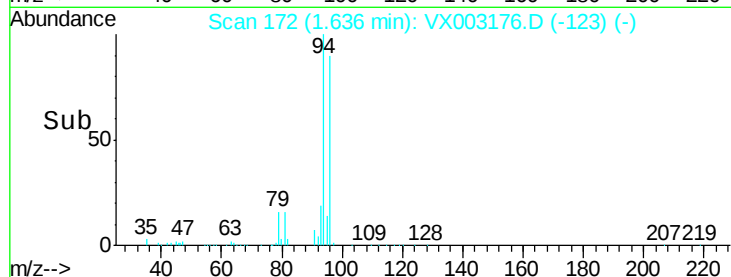
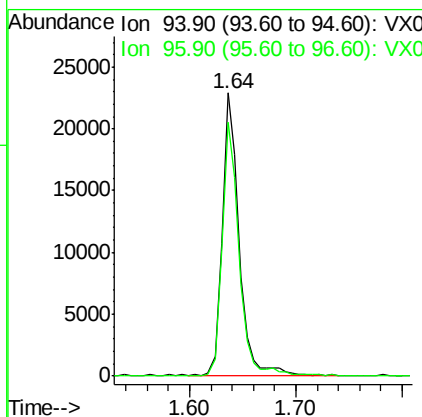
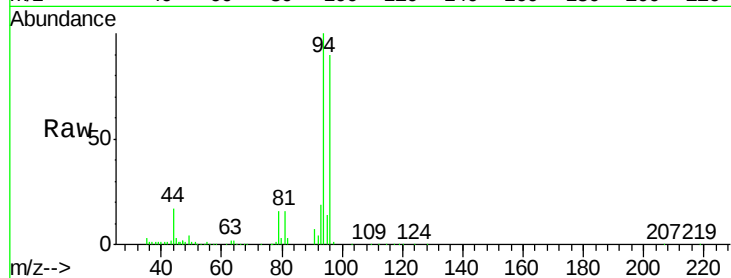
96 89.6 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 20.42 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003176.D

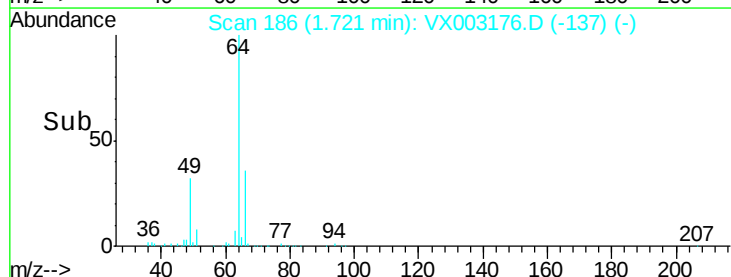
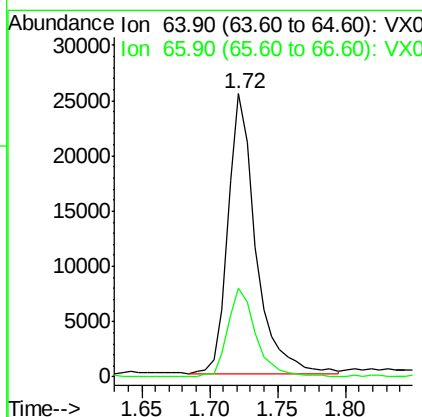
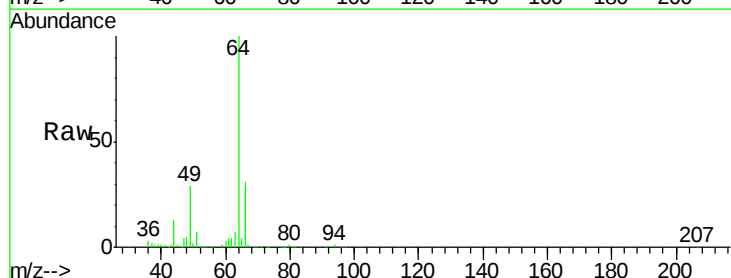
Acq: 05 Jul 2018 17:00

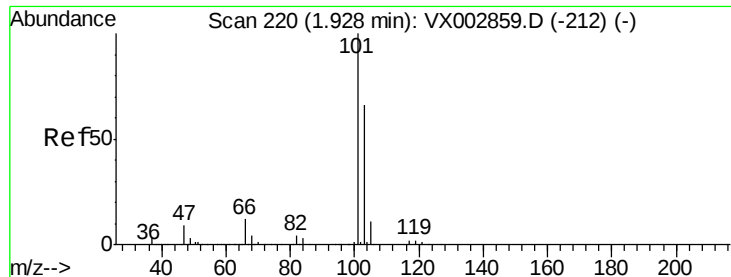
Tgt Ion: 64 Resp: 35872

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3





#7

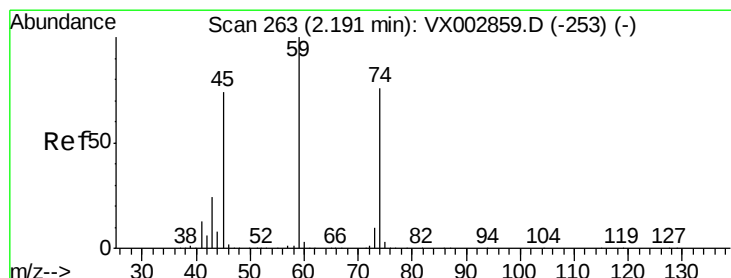
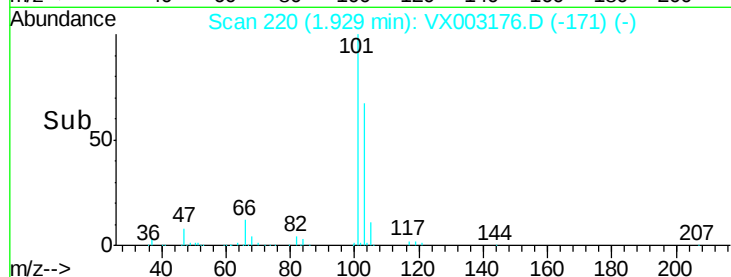
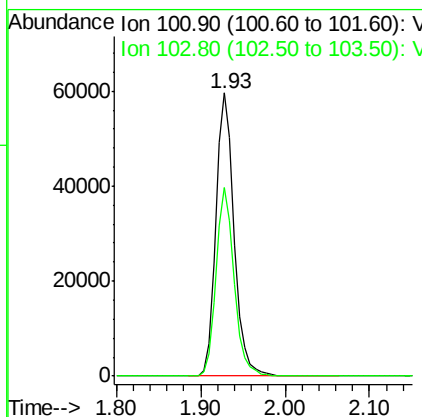
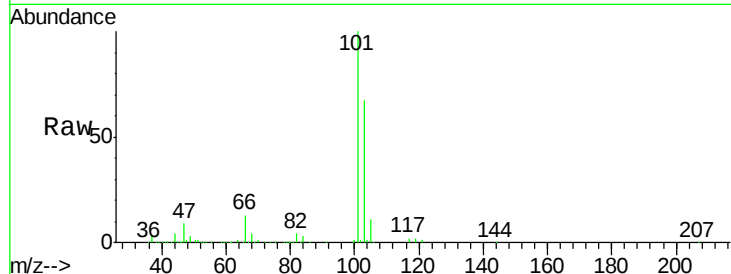
Trichlorofluoromethane
 Concen: 18.76 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
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 ClientSampleId :
 VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	52.8	79.2

Manual Integrations
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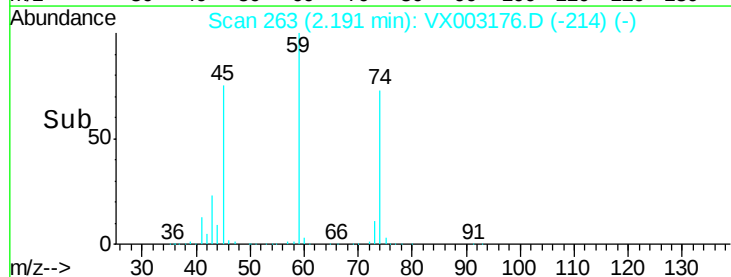
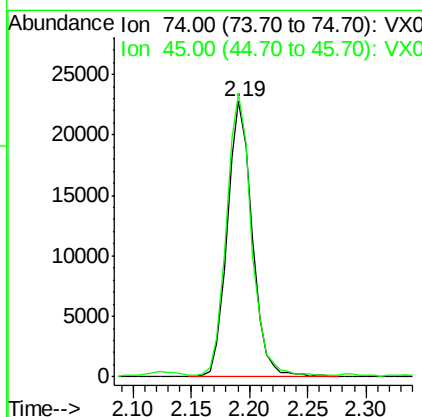
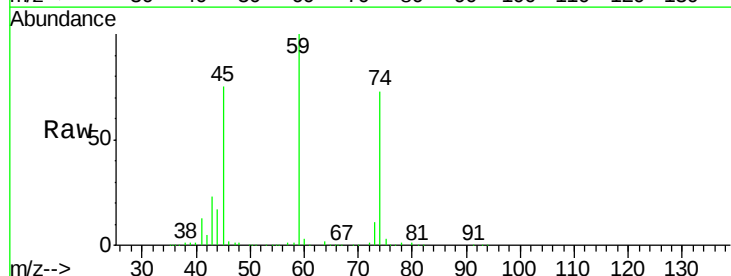
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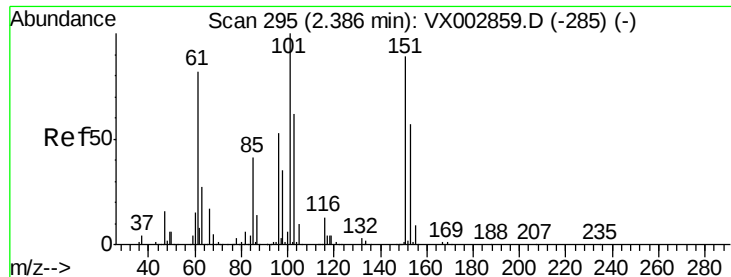


#8

Diethyl Ether
 Concen: 19.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

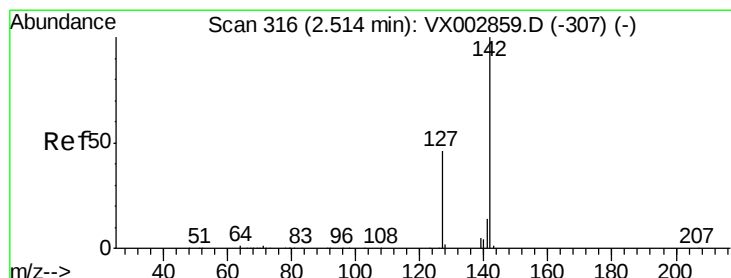
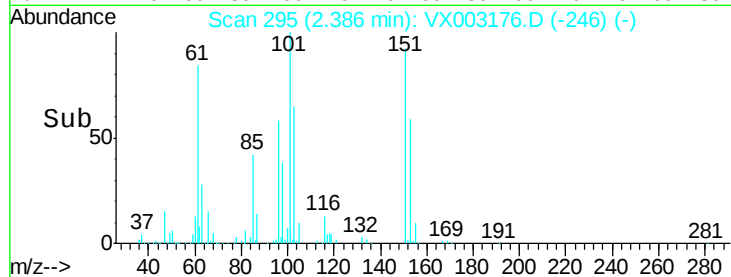
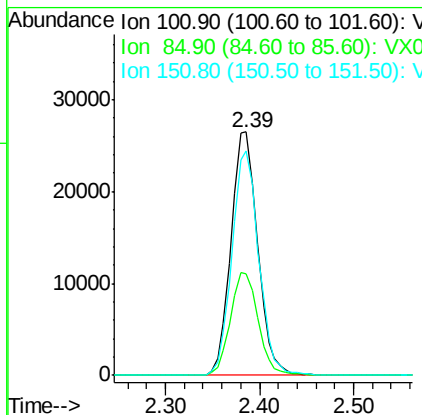
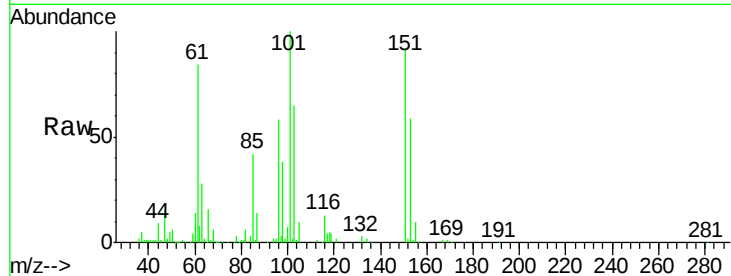
ClientSampled :

VX0705WBSD02

Tot Ion:	101	Resp:	52566
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.0	54.0
151	91.5	70.9	106.3

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 20.00 ug/l

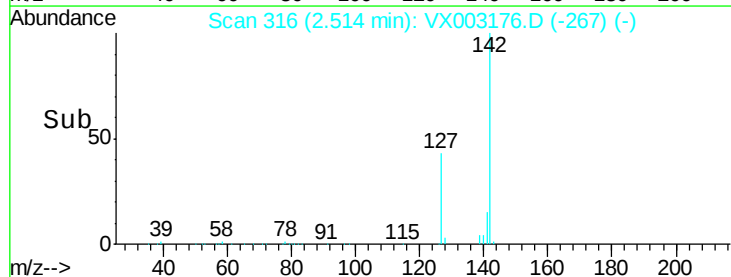
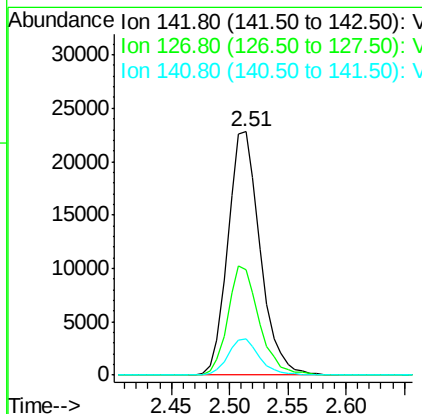
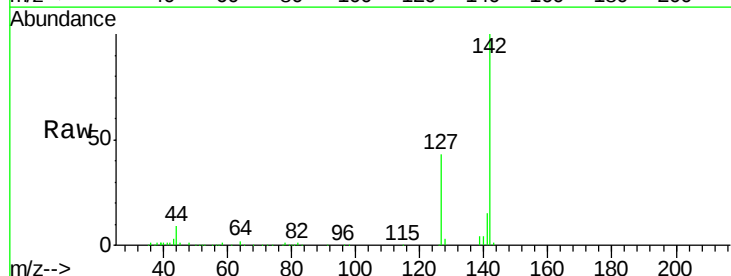
RT: 2.51 min Scan# 316

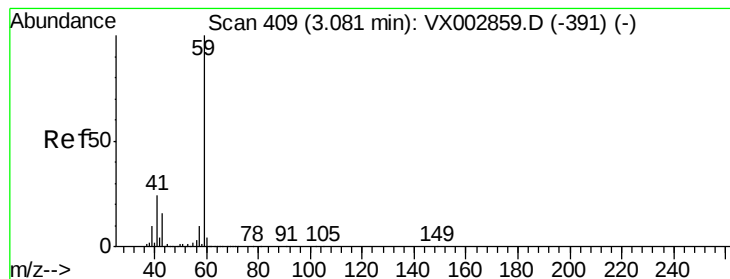
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	142	Resp:	44001
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.6	55.0
141	14.6	11.3	16.9





#11

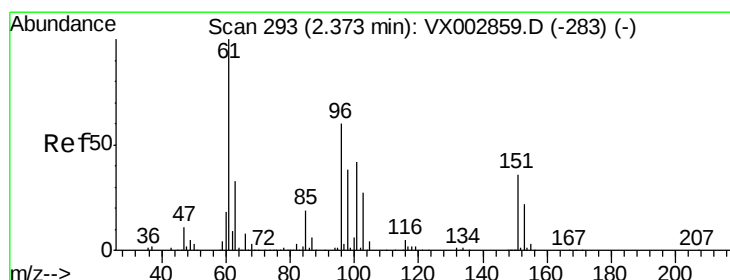
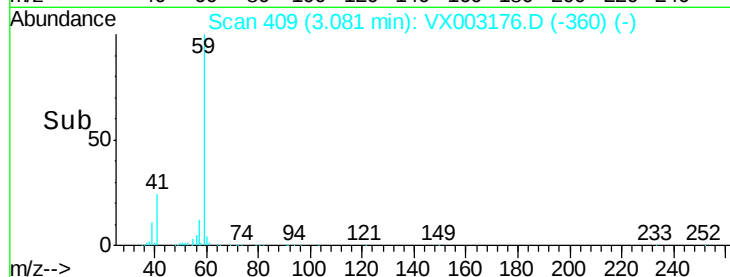
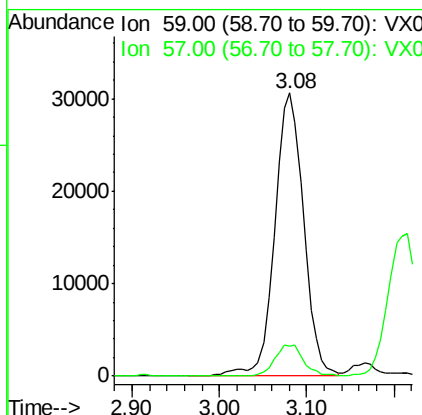
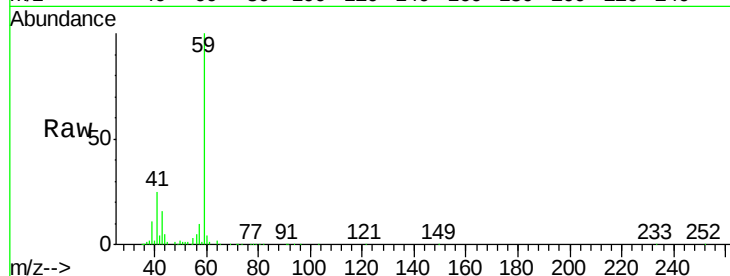
Tert butyl alcohol
Concen: 102.79 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.2

Manual Integrations
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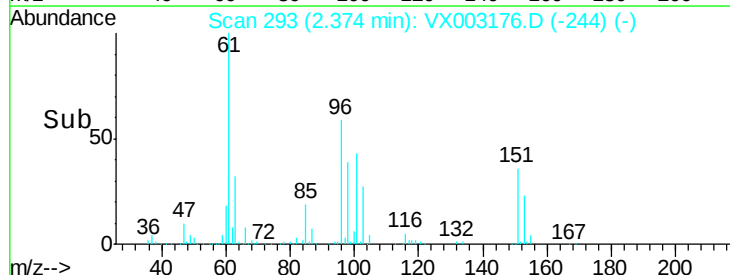
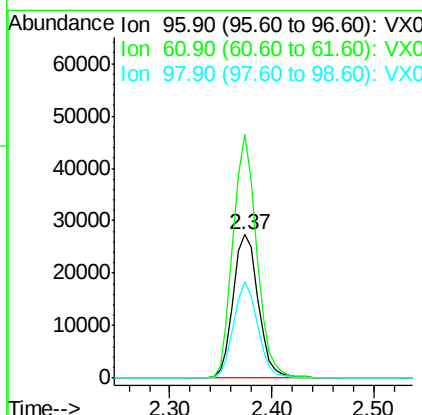
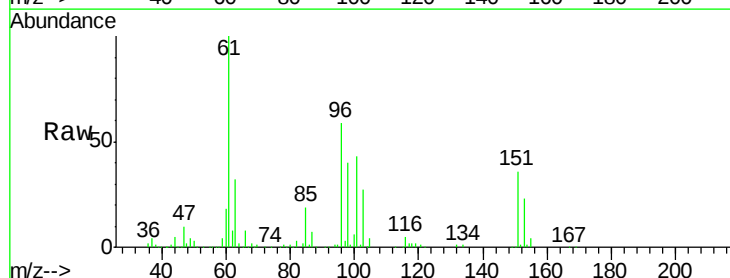
sam
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#12

1,1-Dichloroethene
Concen: 19.02 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	137.9	206.9
98	67.2	51.6	77.4





#13

Acrolein

Concen: 74.06 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 56 Resp: 27045

Ion Ratio Lower Upper

56 100

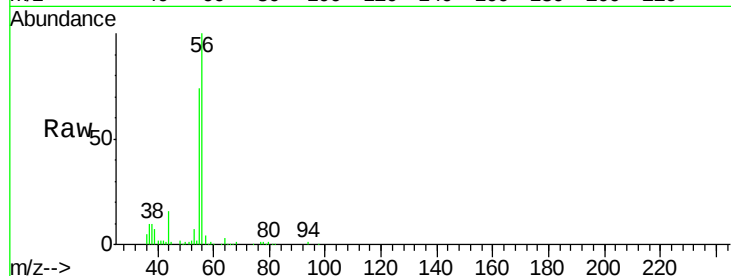
55 69.5 57.0 85.4

Manual Integrations

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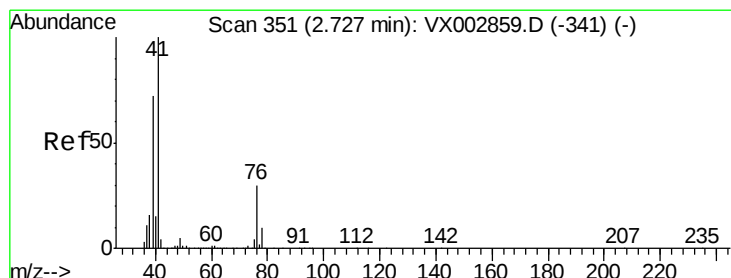
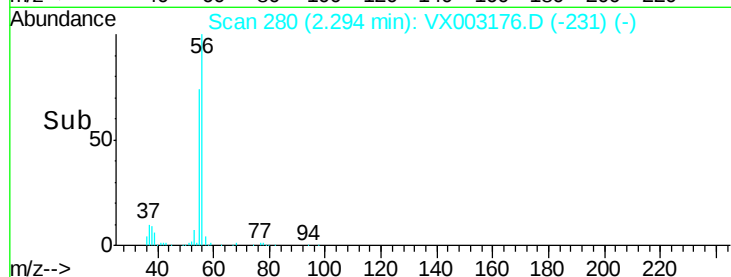
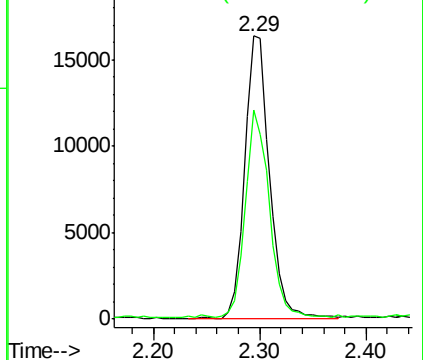
sam

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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: 19.27 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

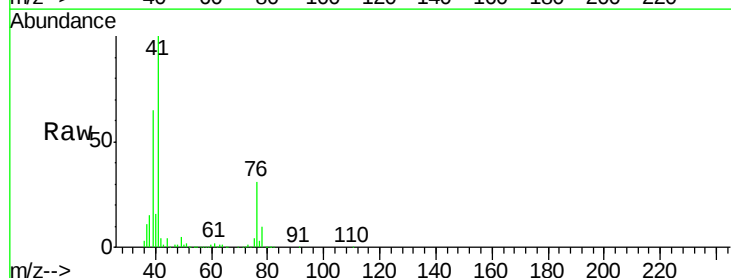
Tgt Ion: 41 Resp: 93448

Ion Ratio Lower Upper

41 100

39 65.3 56.8 85.2

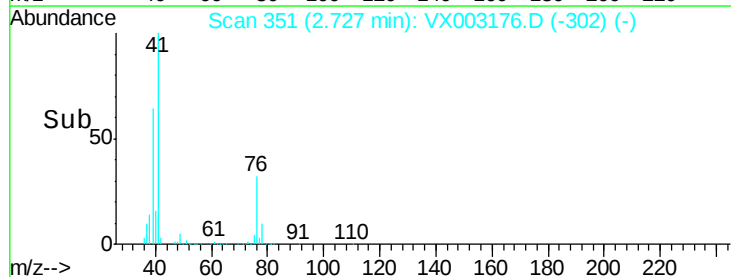
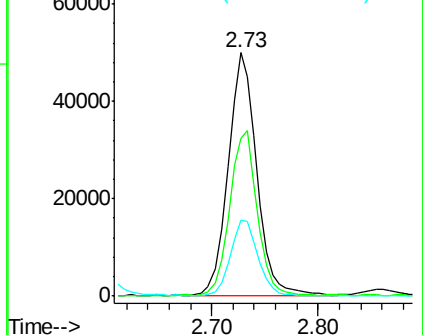
76 30.8 23.8 35.8

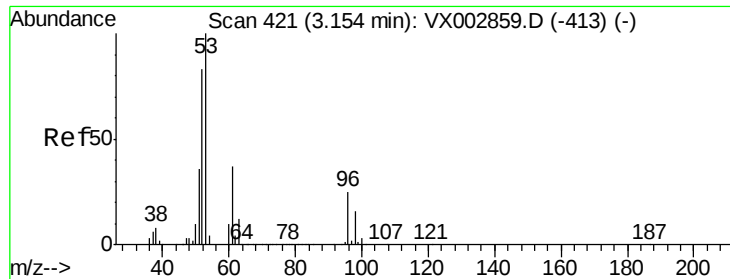


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





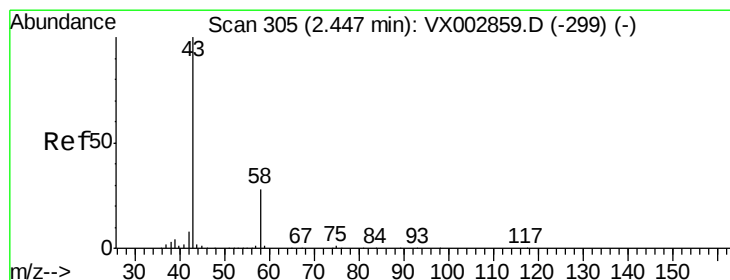
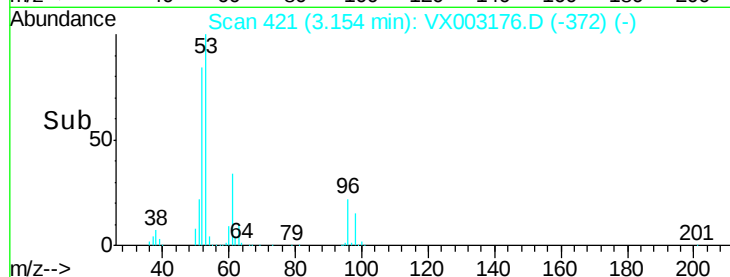
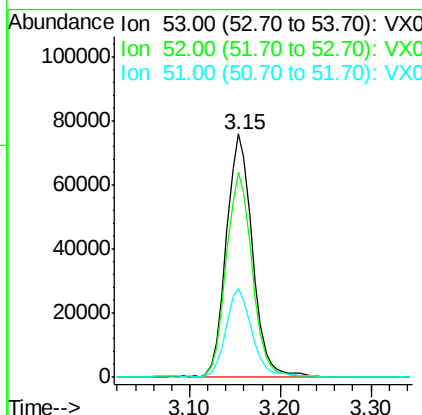
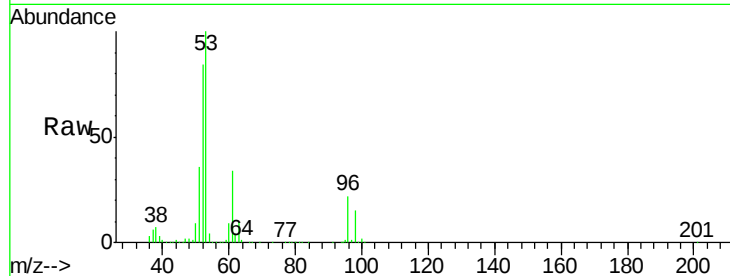
#15
 Acrylonitrile
 Concen: 102.90 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	36.8	29.9	44.9

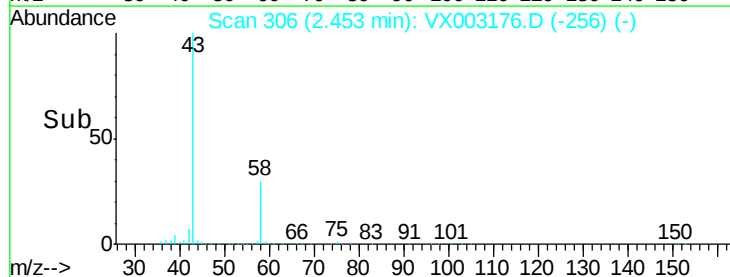
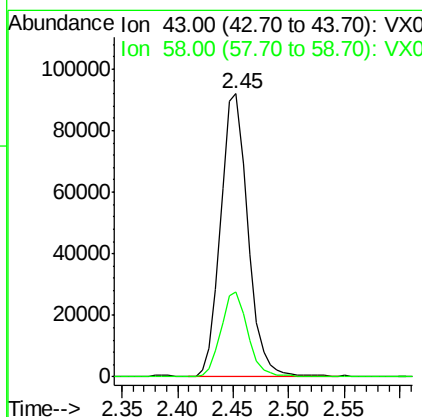
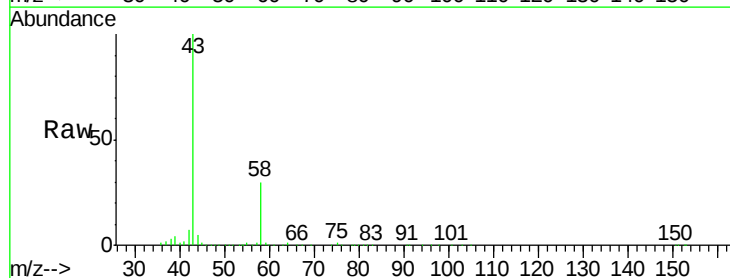
Manual Integrations
 APPROVED

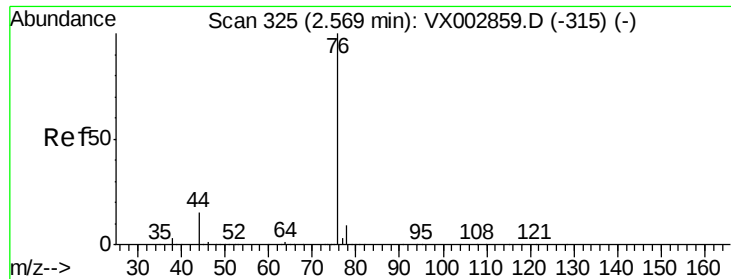
sam
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#16
 Acetone
 Concen: 108.93 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.1	33.1





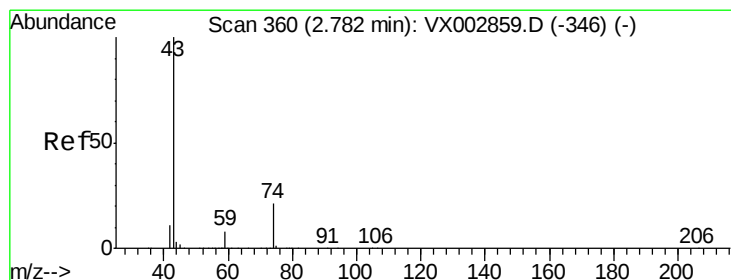
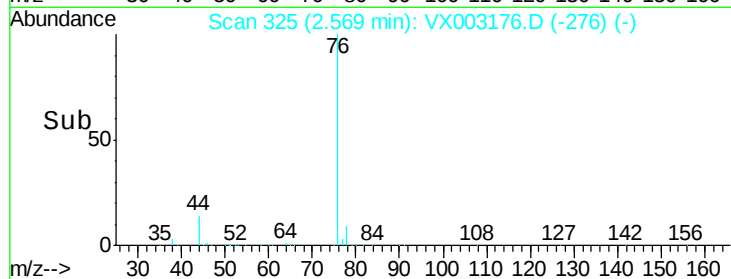
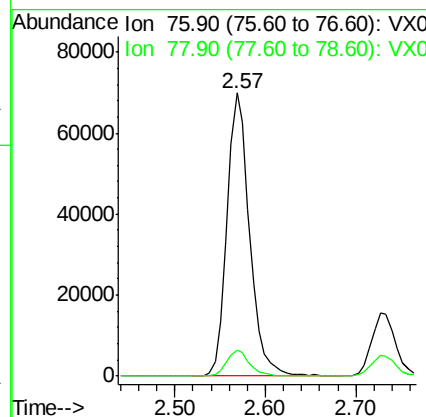
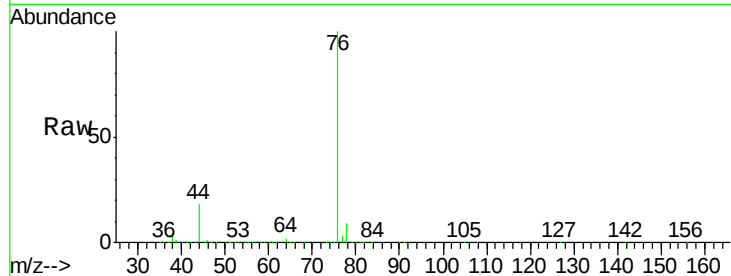
#17
Carbon Disulfide
Concen: 18.55 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

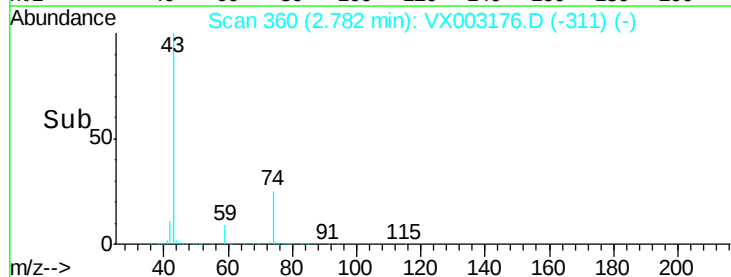
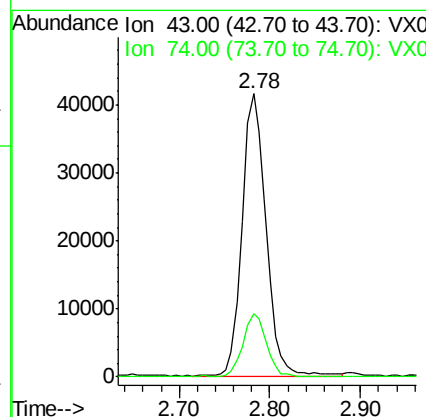
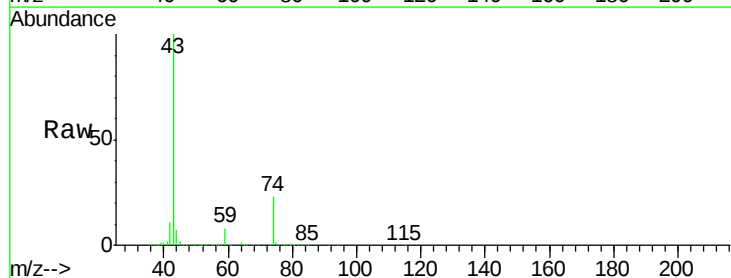
Manual Integrations
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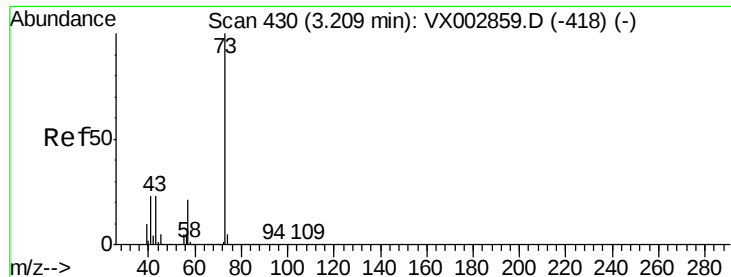
sam
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#18
Methyl Acetate
Concen: 19.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





#19

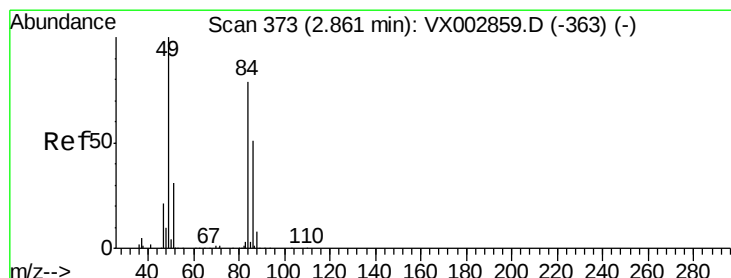
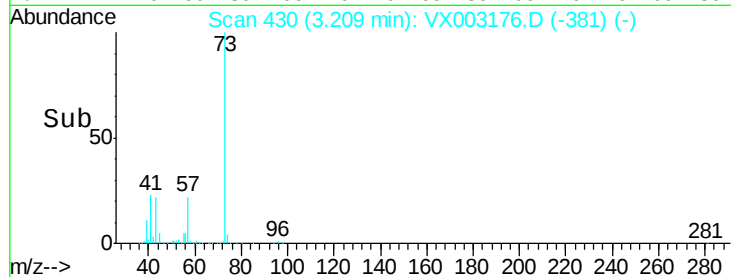
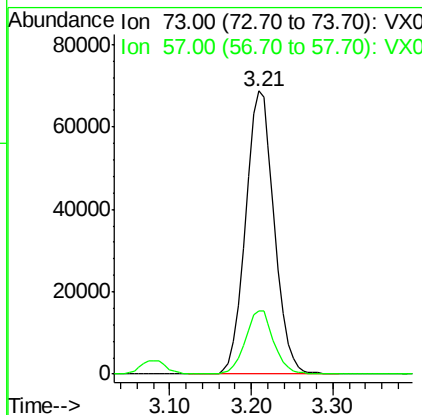
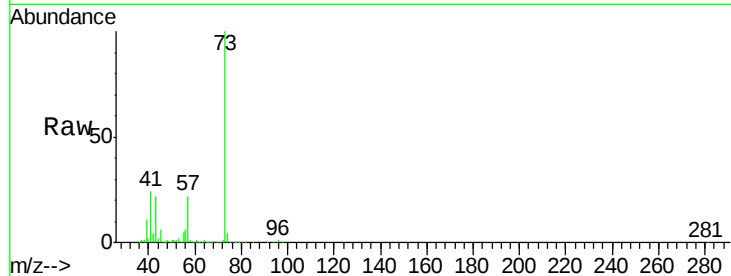
Methyl tert-butyl Ether
 Concen: 18.94 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5

Manual Integrations
 APPROVED

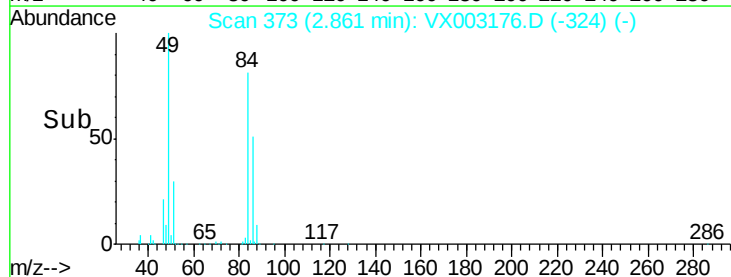
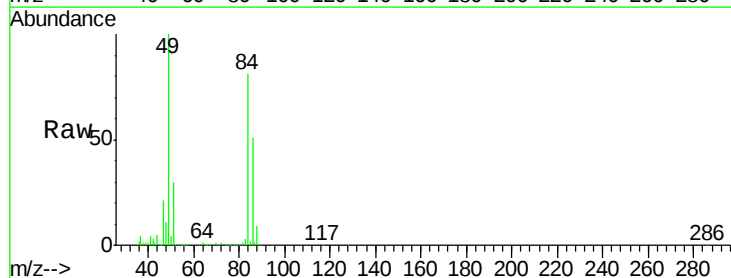
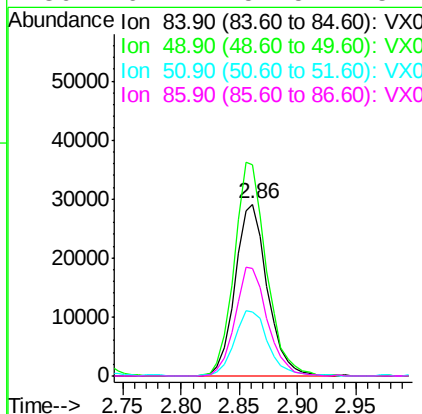
sam
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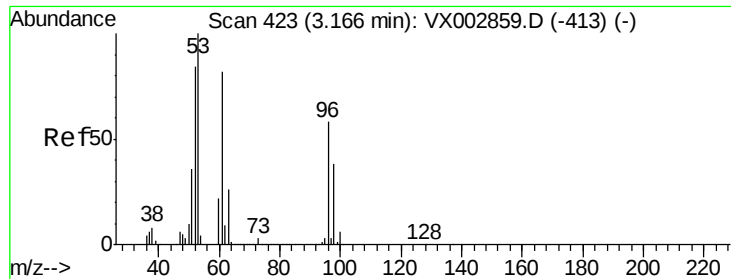


#20

Methylene Chloride
 Concen: 20.28 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	107.8	161.6
51	36.6	32.8	49.2
86	62.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.86 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

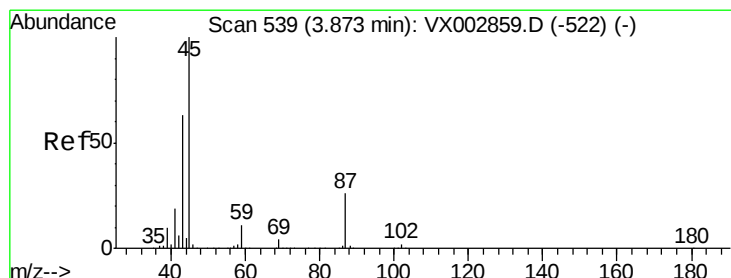
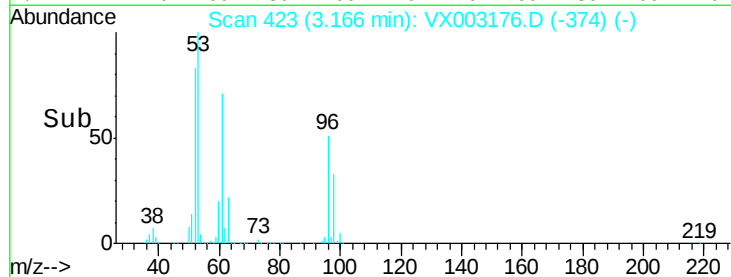
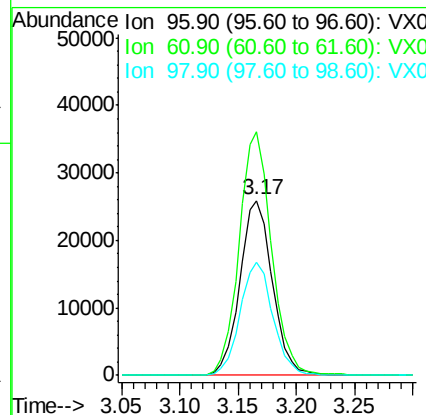
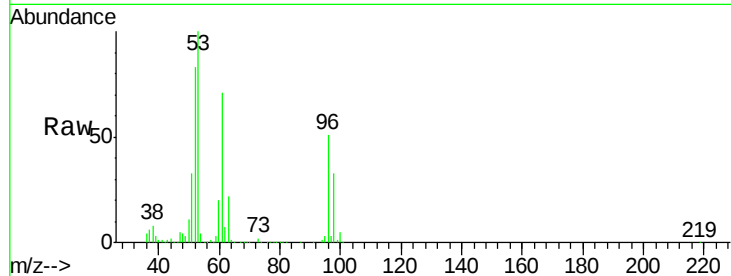
ClientSampleId :

VX0705WBSD02

Tot Ion:	96	Resp:	50541
Ion	Ratio	Lower	Upper
96	100		
61	139.2	117.0	175.4
98	64.5	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.10 ug/l

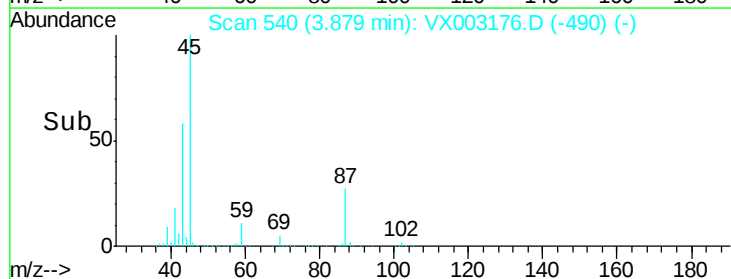
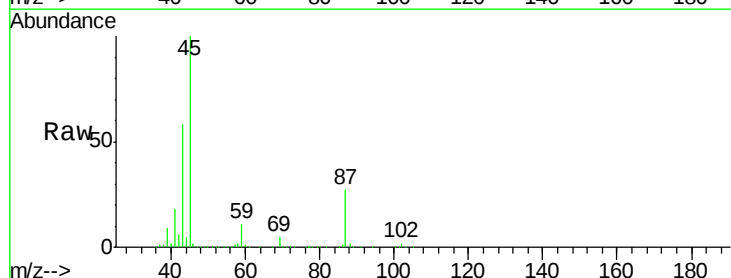
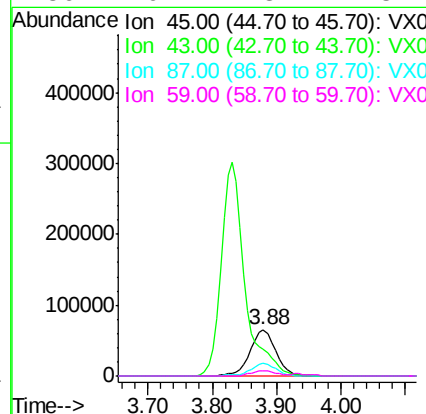
RT: 3.88 min Scan# 540

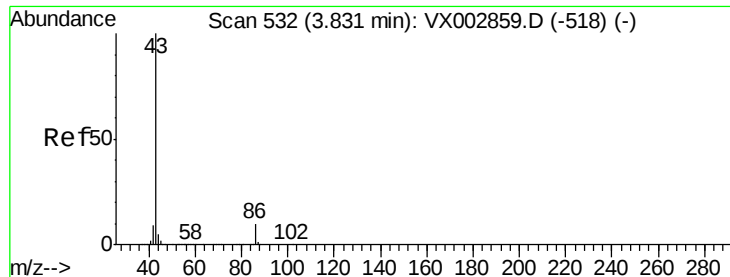
Delta R.T. 0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	45	Resp:	177060
Ion	Ratio	Lower	Upper
45	100		
43	57.3	46.8	70.2
87	27.0	20.2	30.4
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 98.94 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 43 Resp: 776521

Ion Ratio Lower Upper

43 100

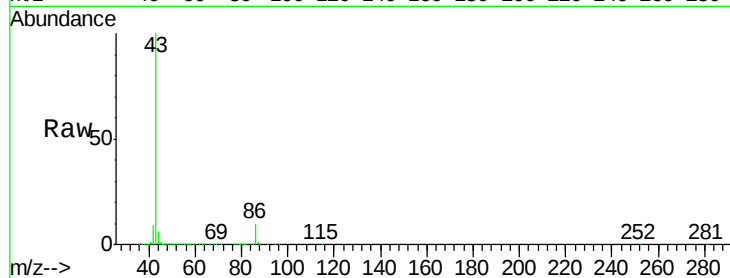
86 9.7 7.4 11.0

Manual Integrations

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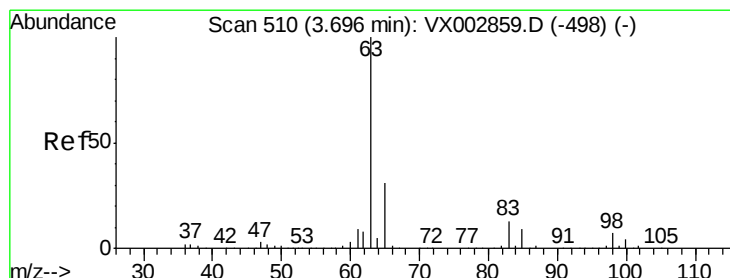
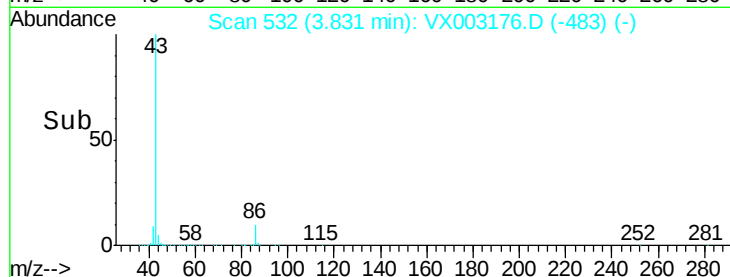
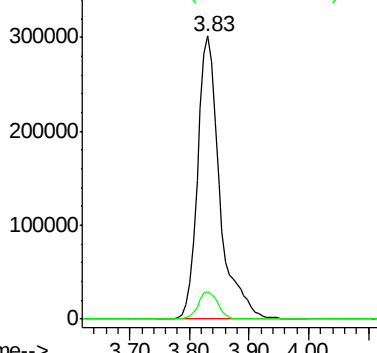
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.32 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

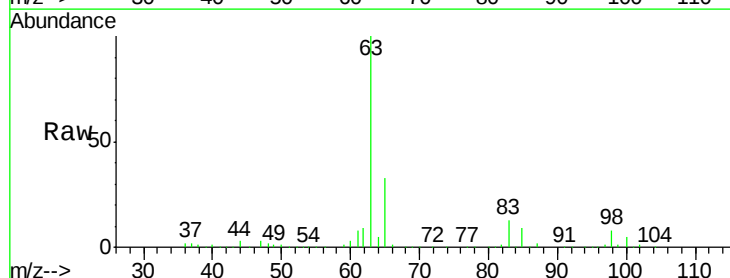
Tgt Ion: 63 Resp: 97330

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

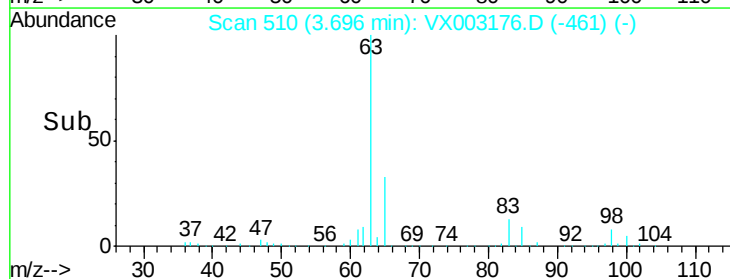
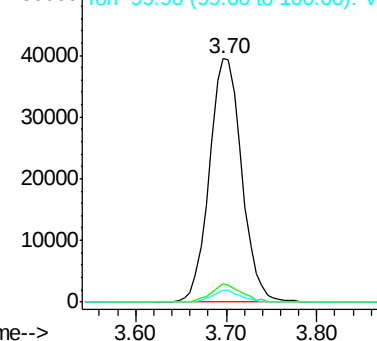
100 4.8 2.0 6.0

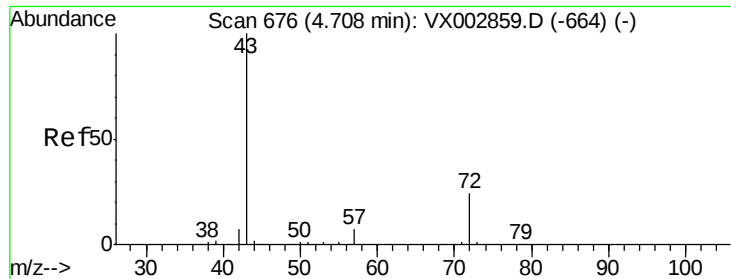


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 111.91 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 43 Resp: 237140

Ion Ratio Lower Upper

43 100

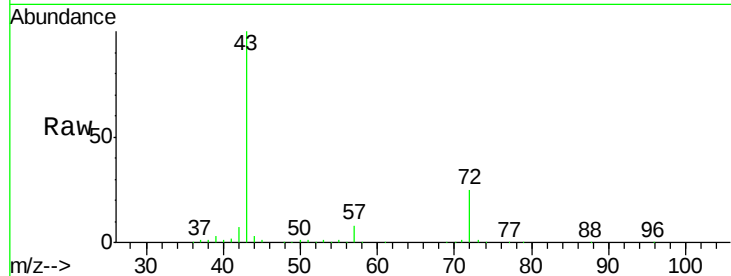
72 24.9 18.5 27.7

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

4.71

80000

60000

40000

20000

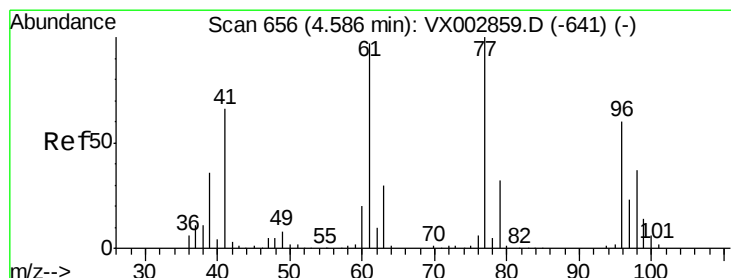
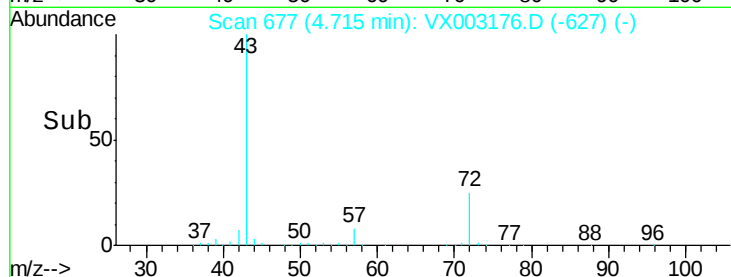
0

Time-->

4.60

4.70

4.80



#26

2,2-Dichloropropane

Concen: 20.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003176.D

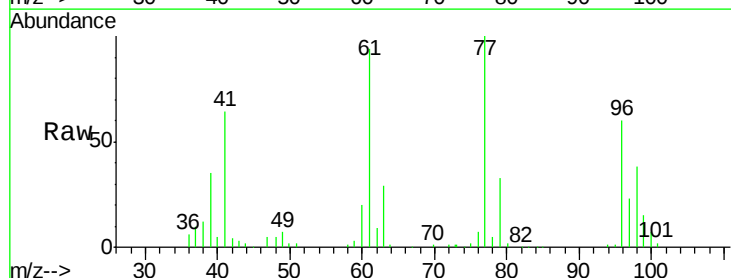
Acq: 05 Jul 2018 17:00

Tgt Ion: 77 Resp: 82044

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

30000

25000

20000

15000

10000

5000

0

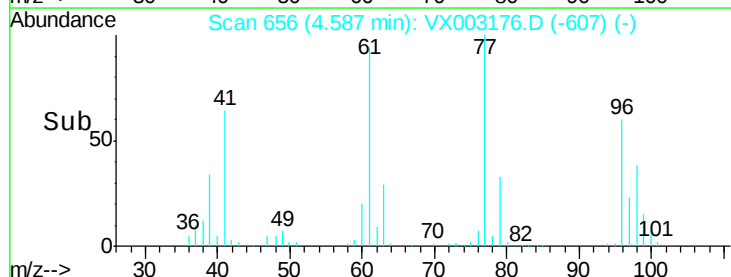
Time-->

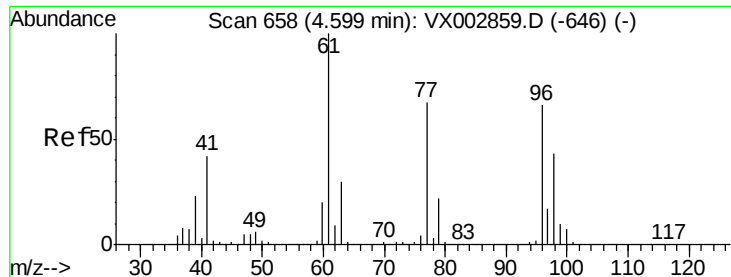
4.40

4.50

4.60

4.70





#27

cis-1,2-Dichloroethene

Concen: 20.57 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003176.D

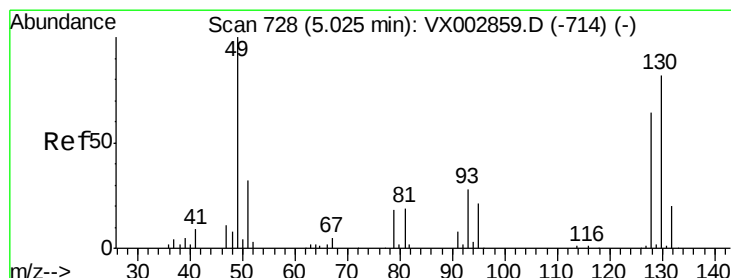
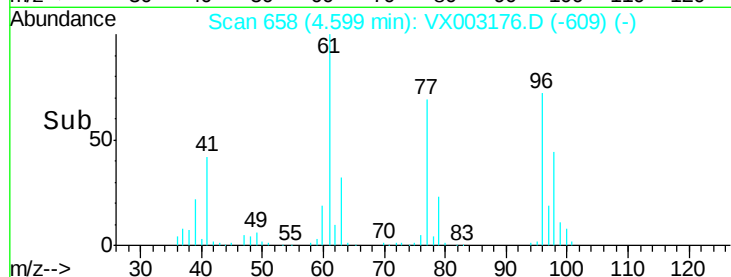
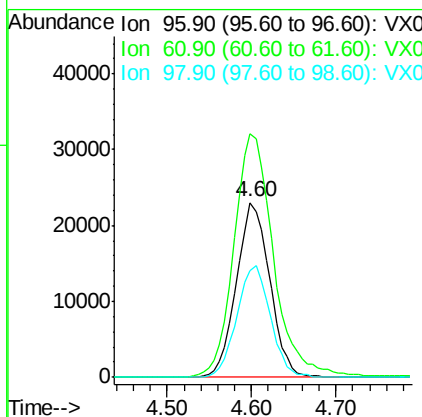
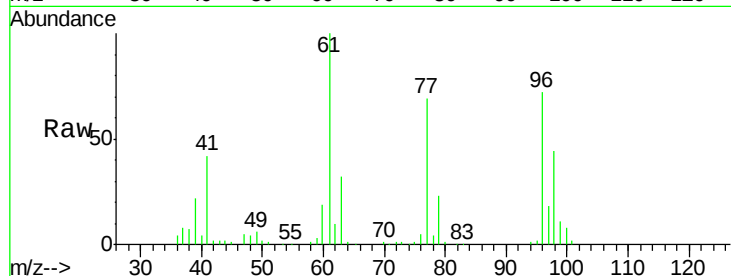
Acq: 05 Jul 2018 17:00

Tot Ion:	96	Resp:	61804
Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	330.2
98	64.3	0.0	130.2

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Manual Integrations
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#28

Bromochloromethane

Concen: 18.86 ug/l

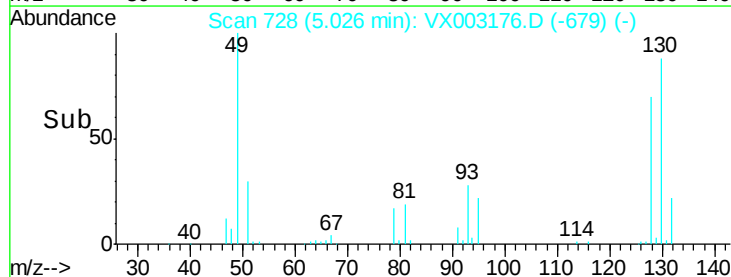
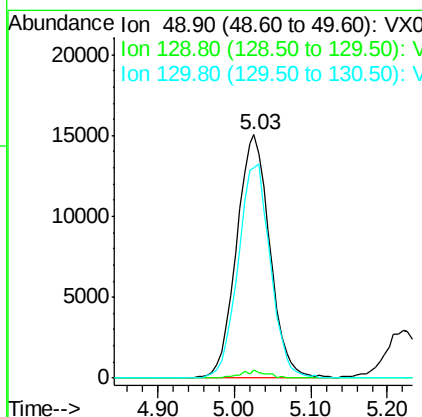
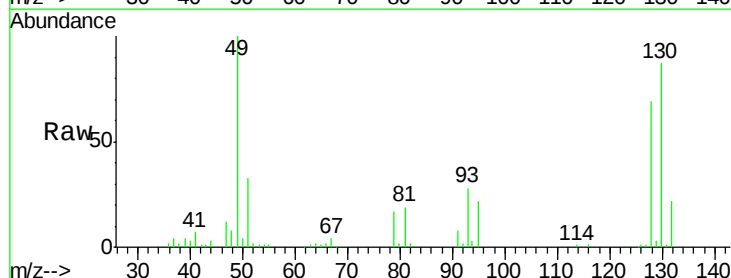
RT: 5.03 min Scan# 728

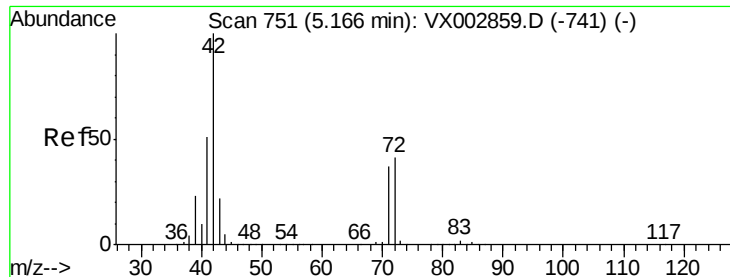
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	49	Resp:	45479
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	85.2	61.2	91.8





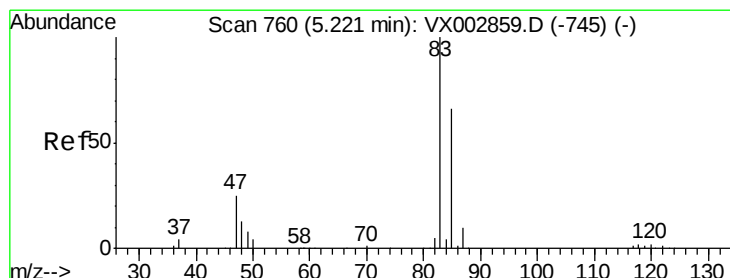
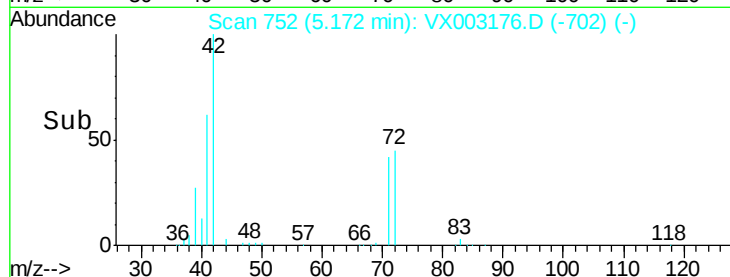
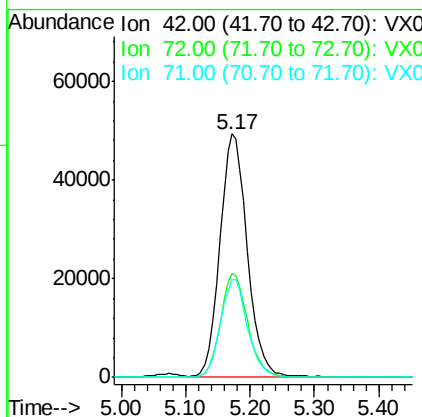
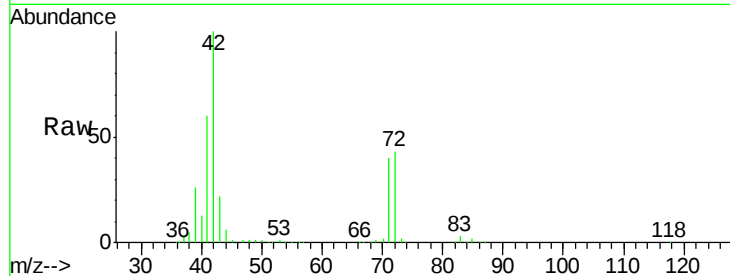
#29
Tetrahydrofuran
Concen: 107.78 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.0	48.0
71	40.3	30.1	45.1

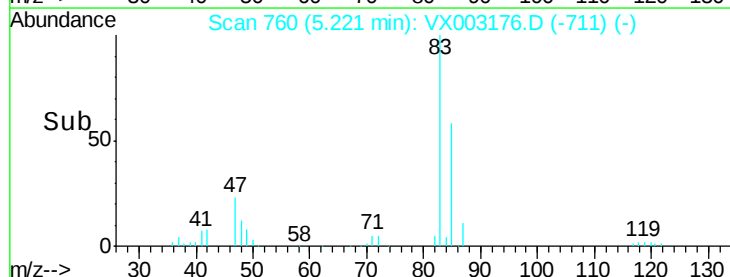
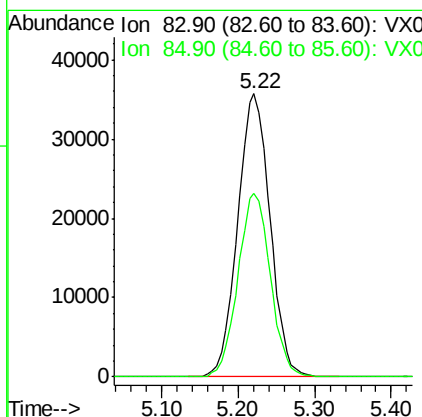
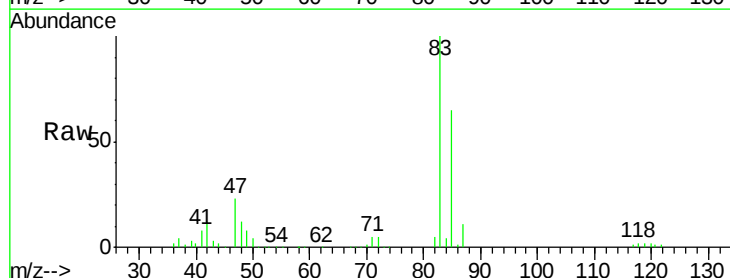
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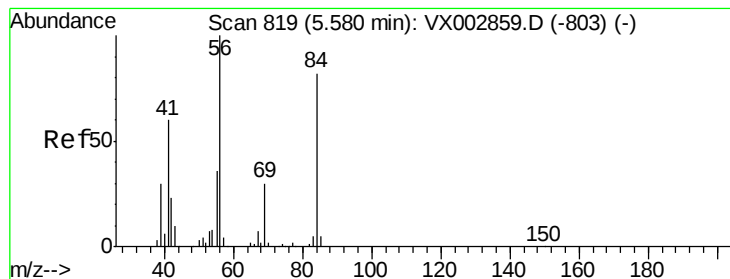
sam
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#30
Chloroform
Concen: 20.31 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.4	75.6





#31

Cvclohexane

Concen: 19.39 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

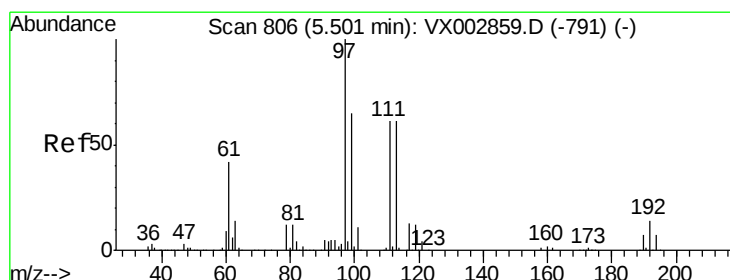
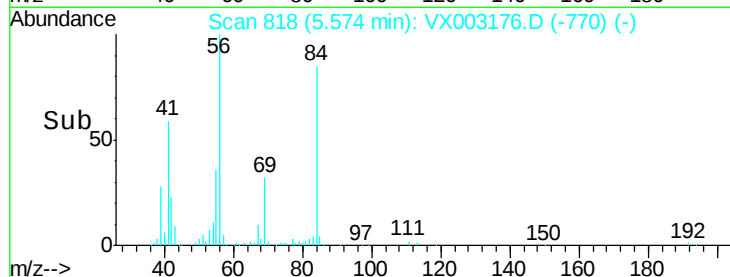
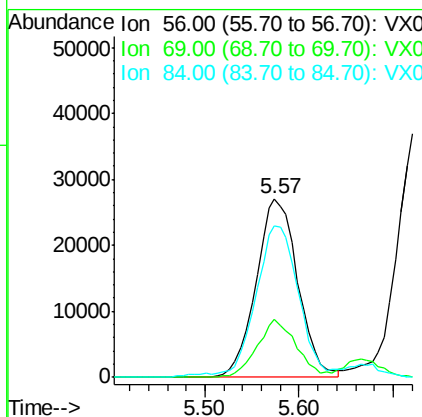
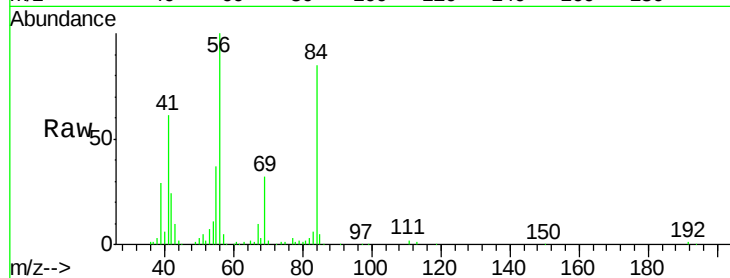
ClientSampleId :

VX0705WBSD02

Tot Ion:	56	Resp:	83840
Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.7	35.5
84	83.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.73 ug/l

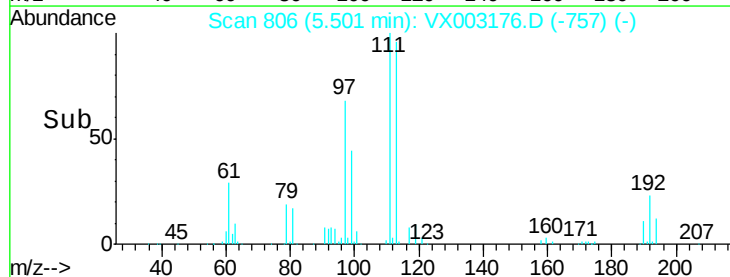
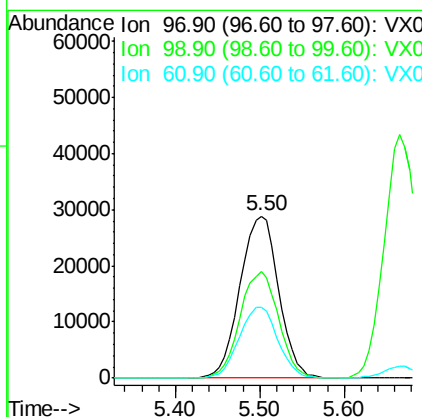
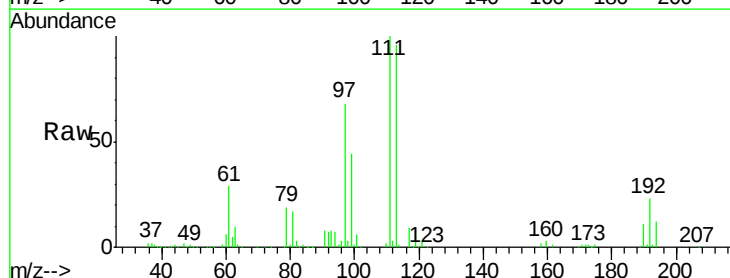
RT: 5.50 min Scan# 806

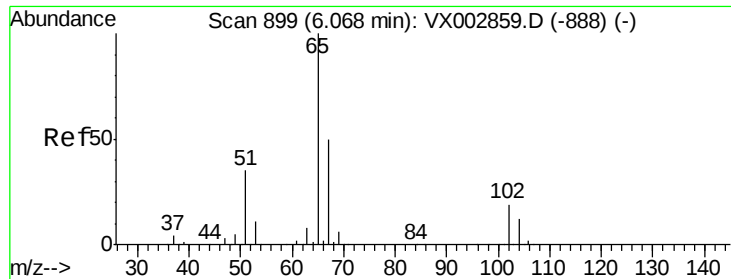
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	97	Resp:	89762
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	44.1	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 44.10 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 65 Resp: 152051

Ion Ratio Lower Upper

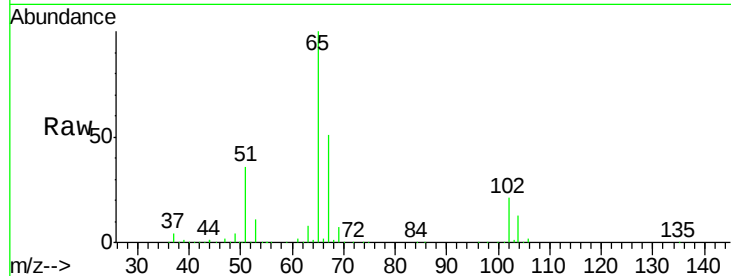
65 100

67 51.5 0.0 102.6

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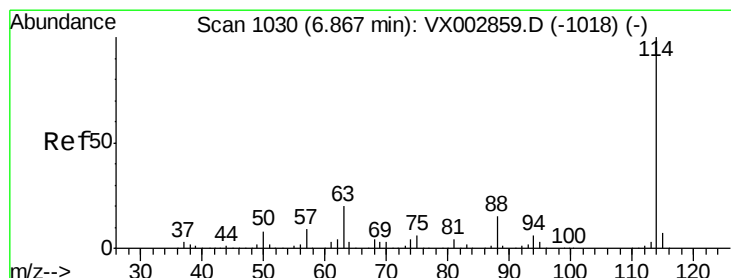
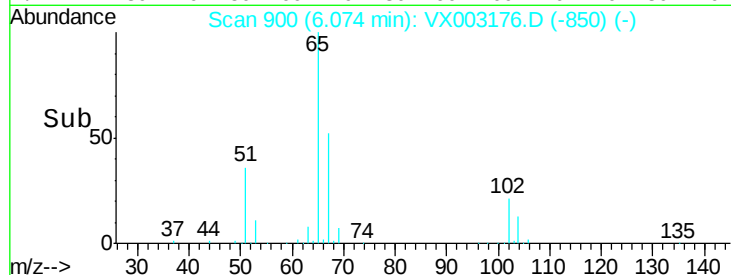
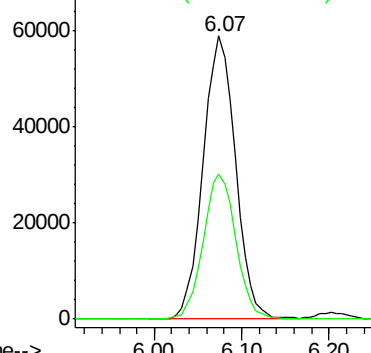
sam

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

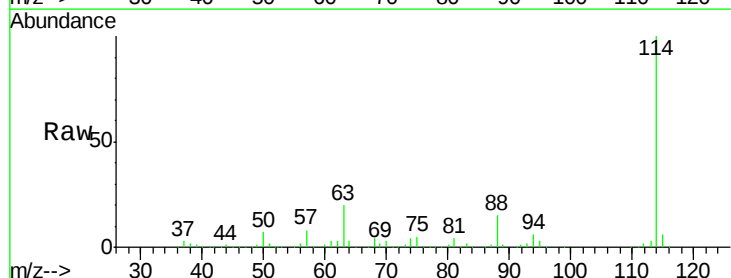
Tgt Ion: 114 Resp: 336588

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

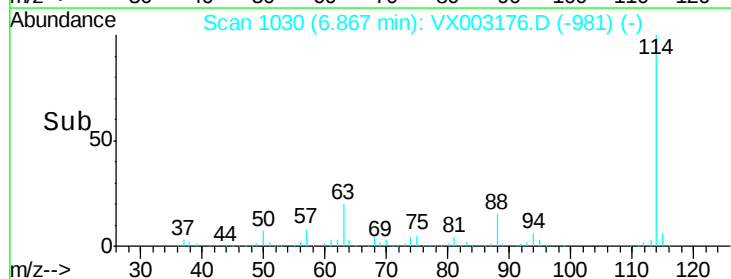
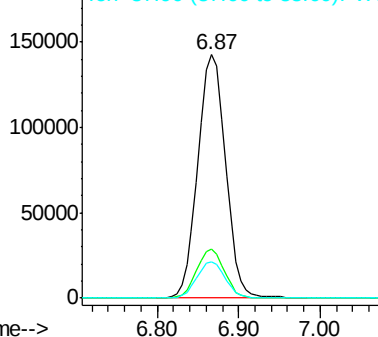
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.58 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

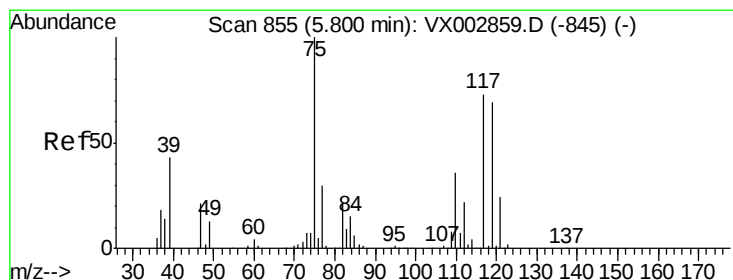
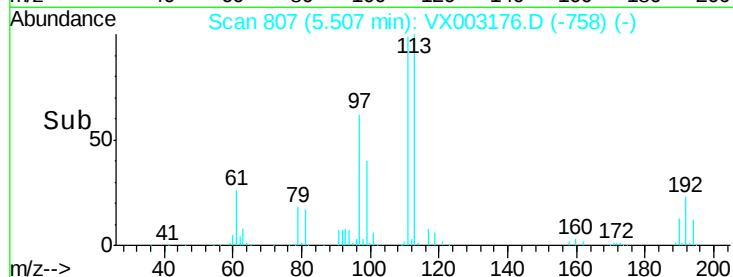
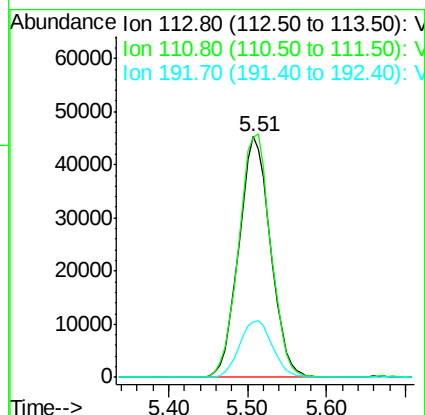
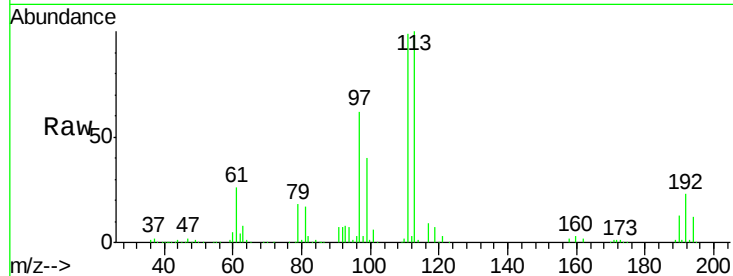
ClientSampleId :

VX0705WBSD02

Tot Ion:	113	Resp:	126831
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	24.6	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.79 ug/l

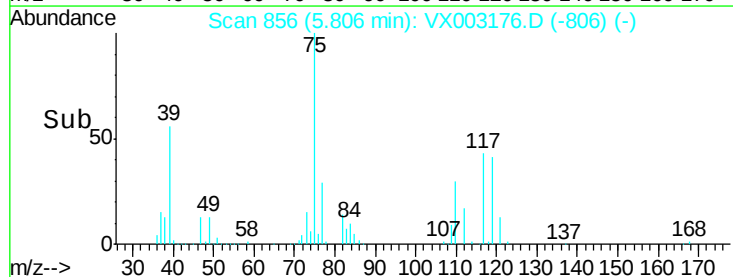
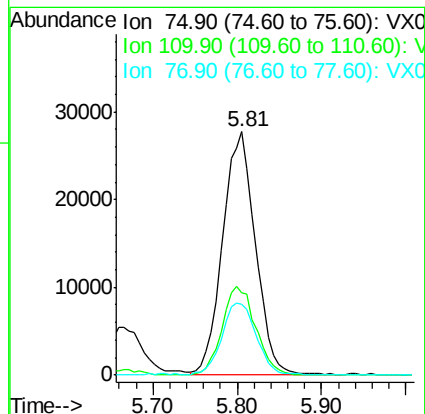
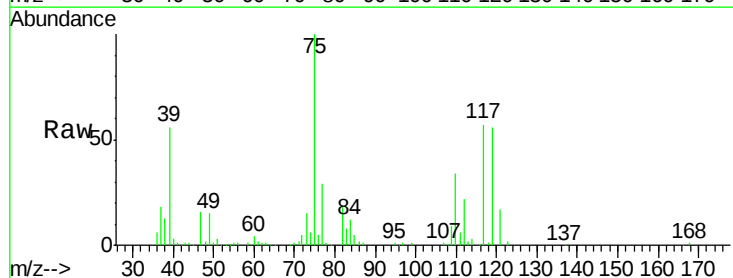
RT: 5.81 min Scan# 855

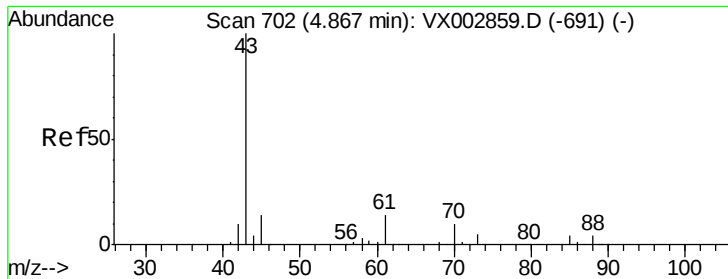
Delta R.T. 0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	75	Resp:	73057
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.1	54.4
77	31.7	24.3	36.5





#37

Ethyl Acetate

Concen: 22.10 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003176.D

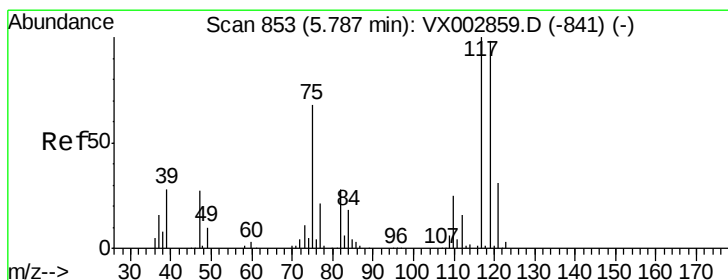
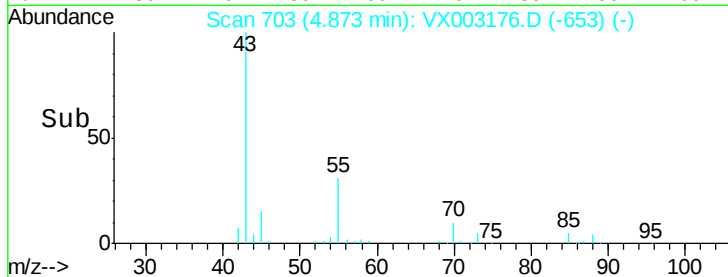
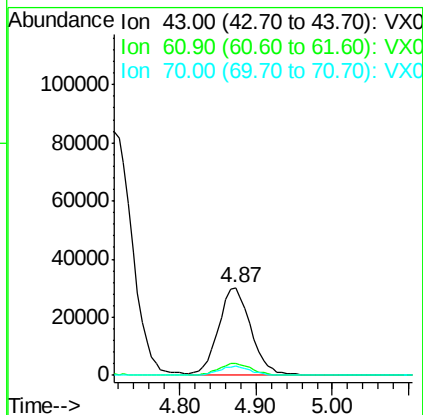
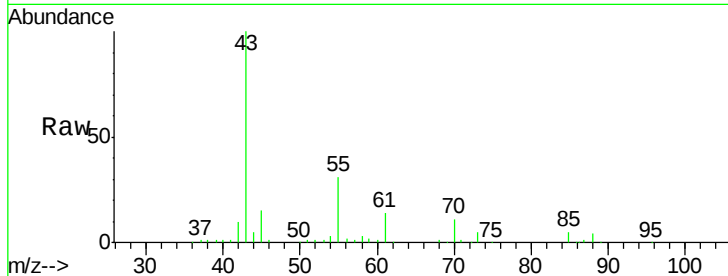
Acq: 05 Jul 2018 17:00

Tot Ion:	43	Resp:	87828
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.4	7.6	11.4

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.10 ug/l

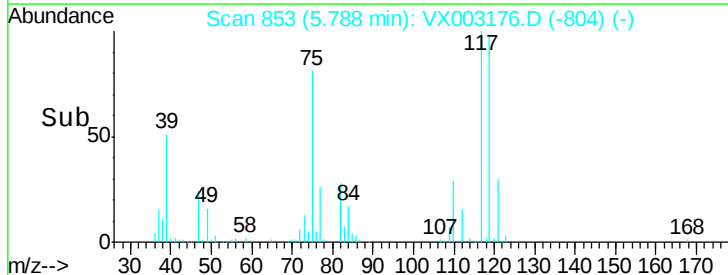
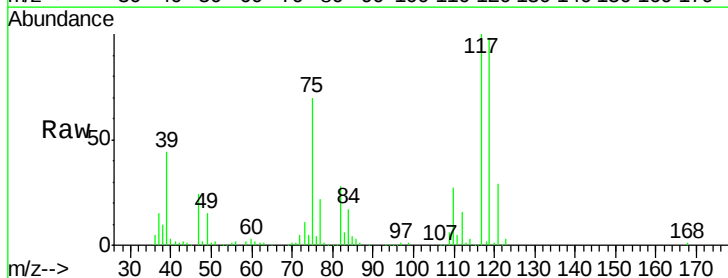
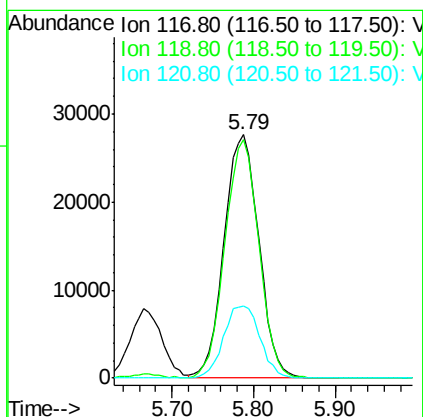
RT: 5.79 min Scan# 853

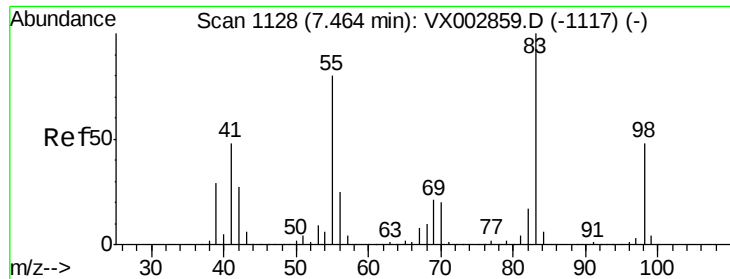
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	117	Resp:	81413
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
121	29.4	24.4	36.6





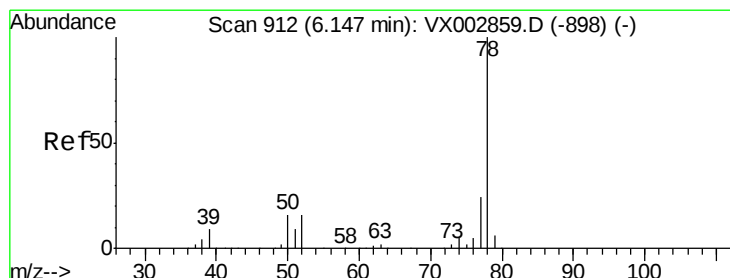
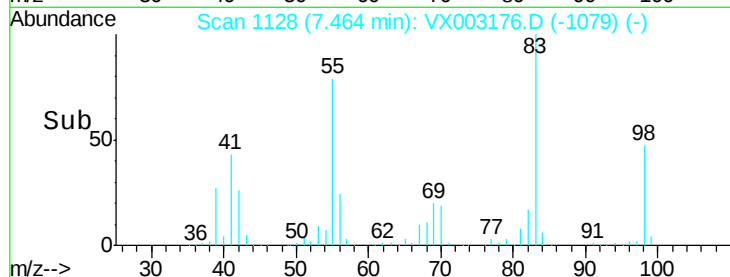
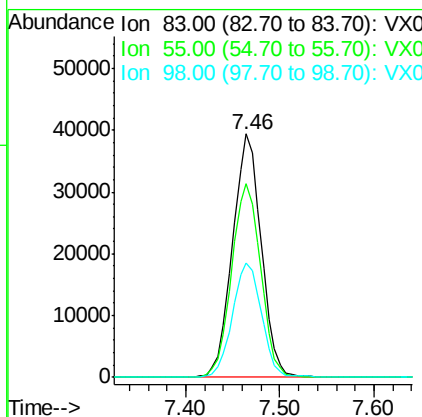
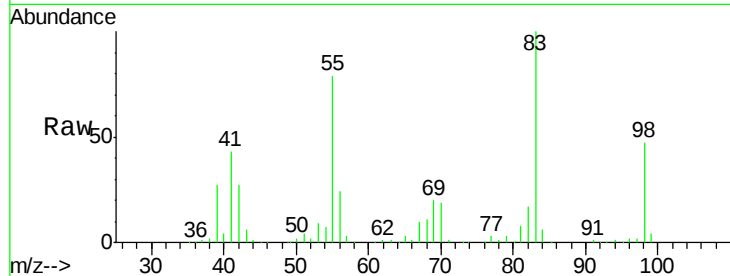
#39
Methvlcvclohexane
Concen: 19.42 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampled :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.4	98.0
98	46.9	37.4	56.0

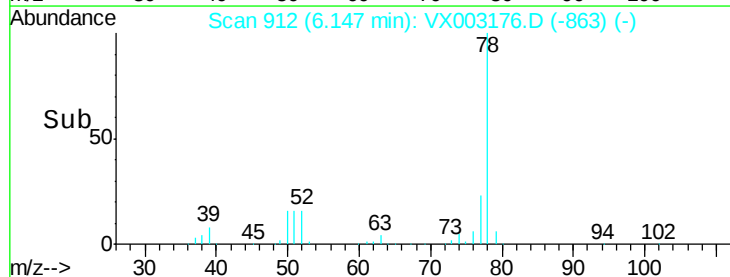
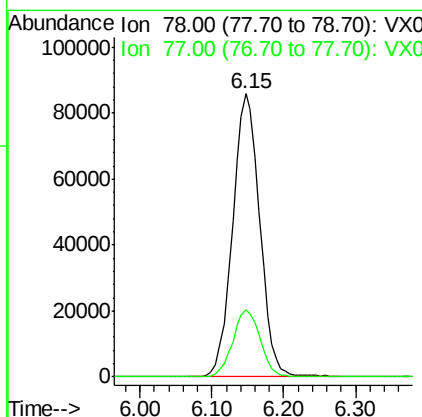
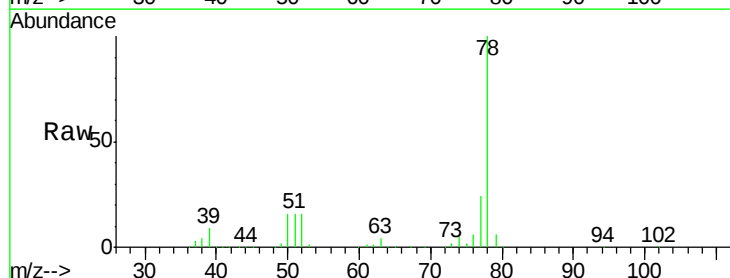
Manual Integrations
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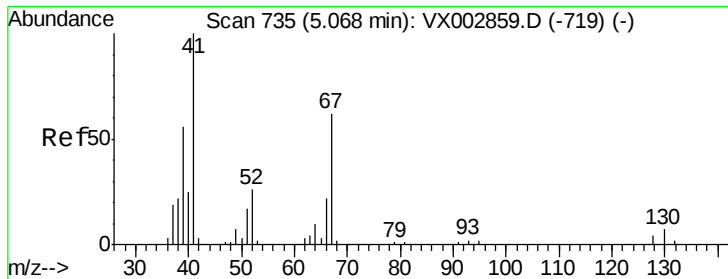
sam
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#40
Benzene
Concen: 20.91 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 21.46 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

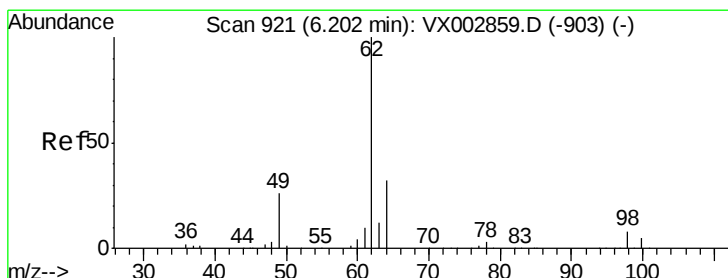
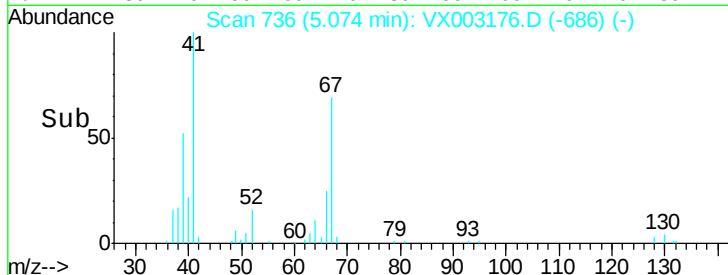
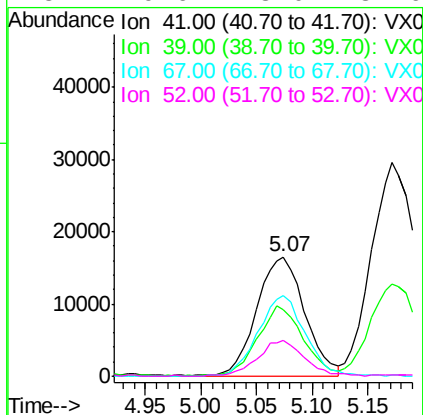
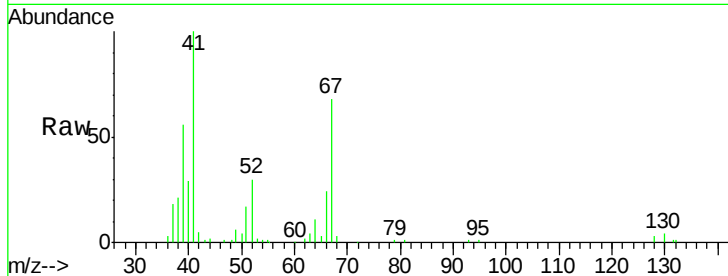
ClientSampleId :

VX0705WBSD02

Tot Ion:	41	Resp:	49115
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.6
67	67.3	51.3	76.9
52	29.6	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.58 ug/l

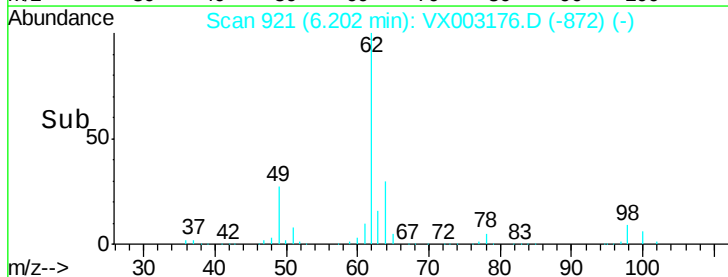
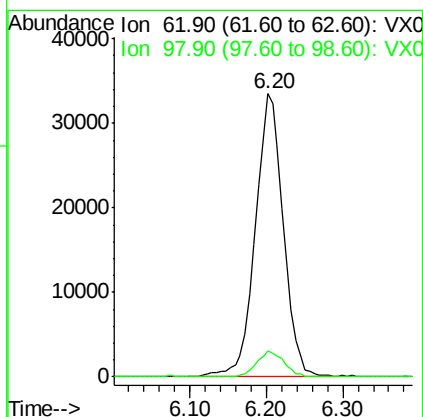
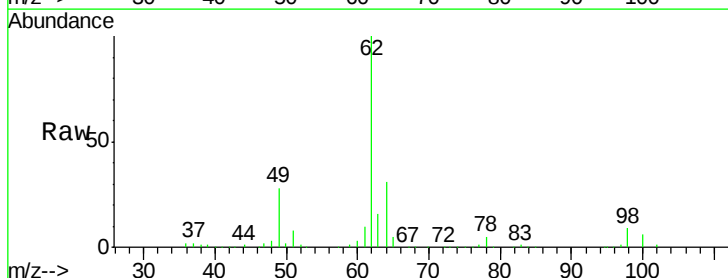
RT: 6.20 min Scan# 921

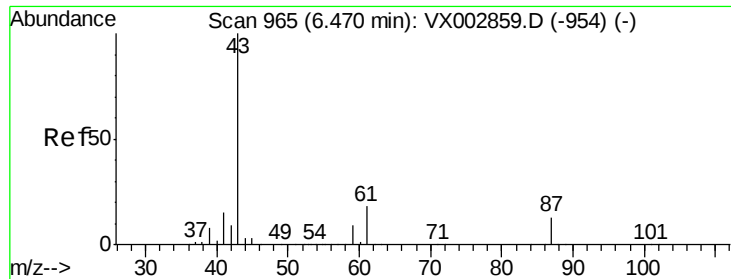
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	62	Resp:	84834
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





#43

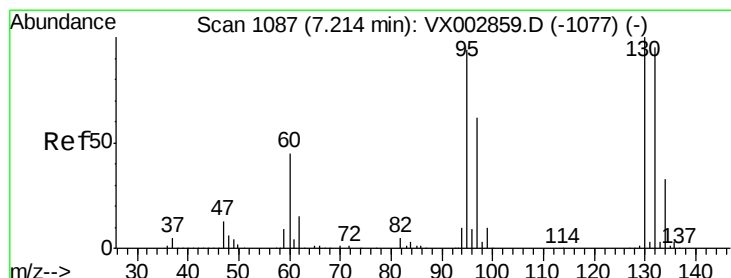
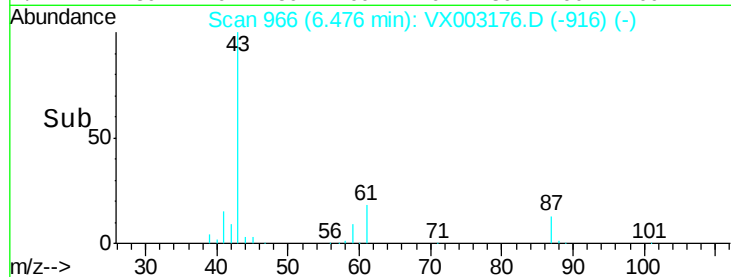
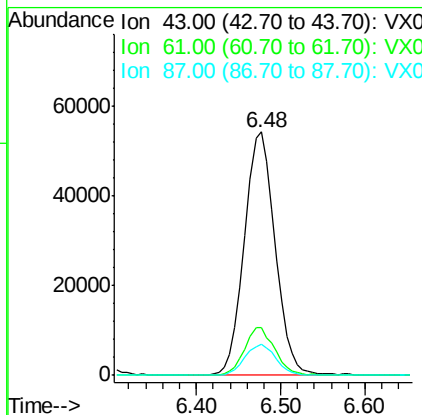
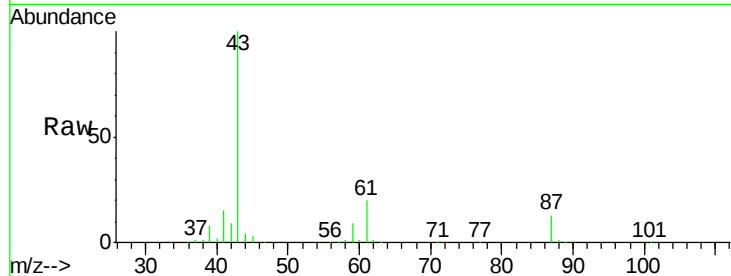
Isopropyl Acetate
 Concen: 20.00 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion:	43	Resp:	133316
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.4	21.6
87	12.9	9.5	14.3

Manual Integrations
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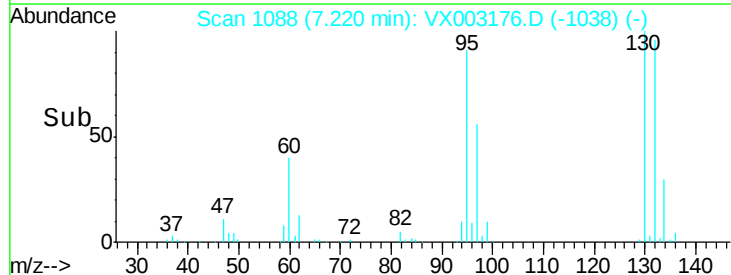
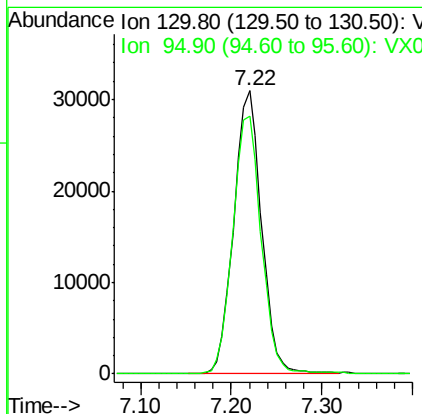
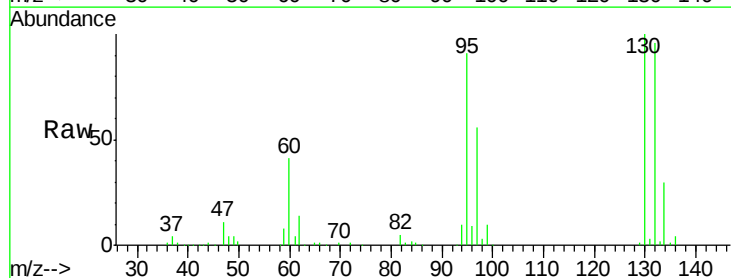
sam
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#44

Trichloroethene
 Concen: 20.65 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion:	130	Resp:	66025
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	185.4





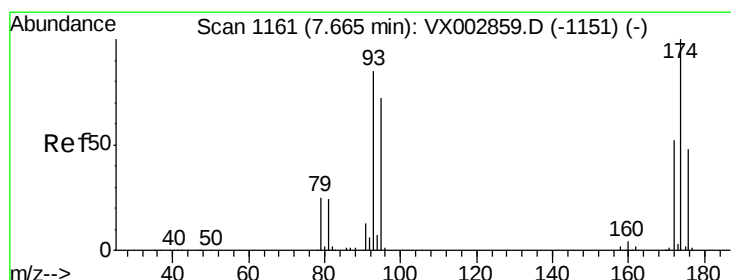
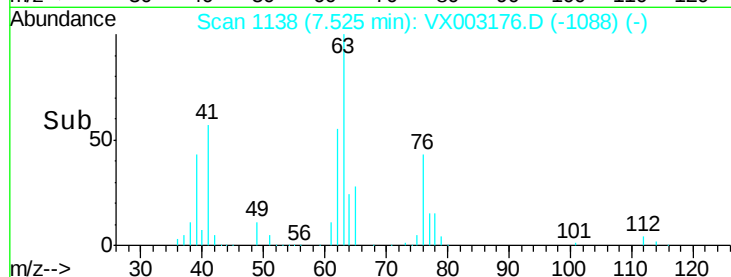
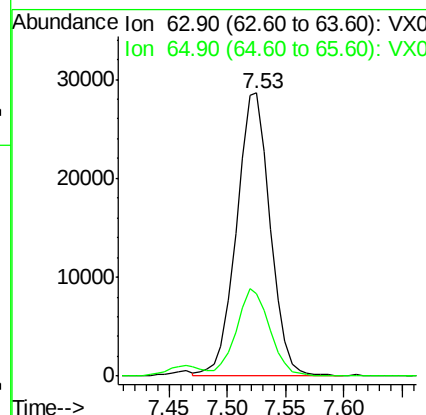
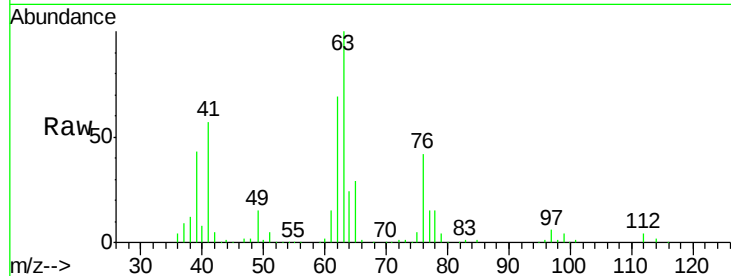
#45
 1,2-Dichloropropane
 Concen: 20.12 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion: 63 Resp: 57233
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.7 37.1

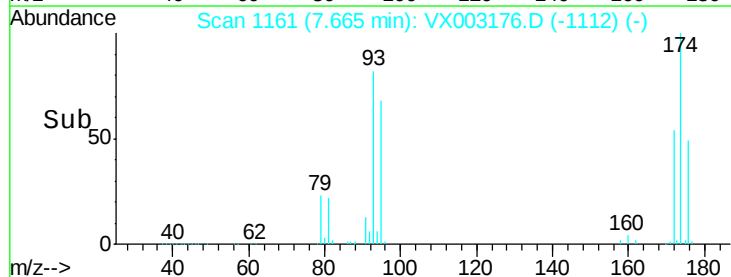
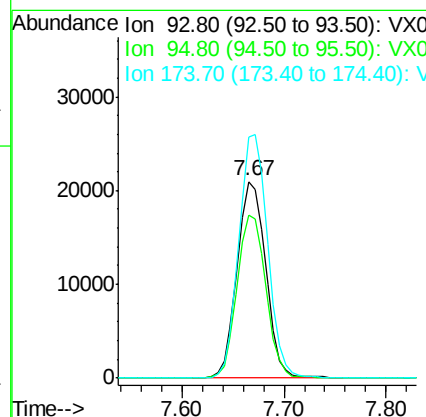
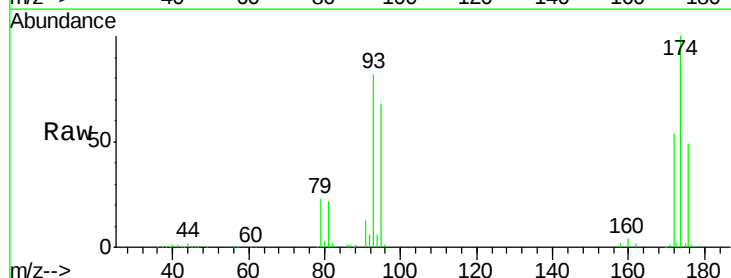
Manual Integrations
 APPROVED

sam
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#46
 Dibromomethane
 Concen: 20.69 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion: 93 Resp: 40850
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.9 98.9
 174 124.3 92.4 138.6





#47

Bromodichloromethane

Concen: 20.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

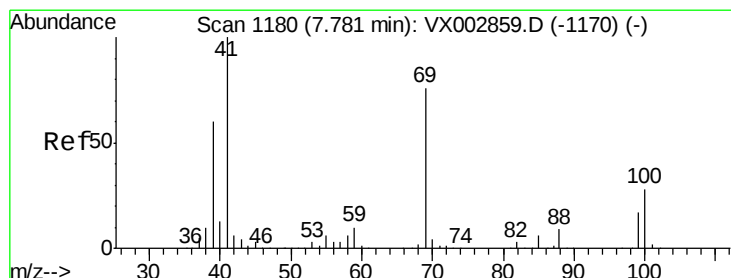
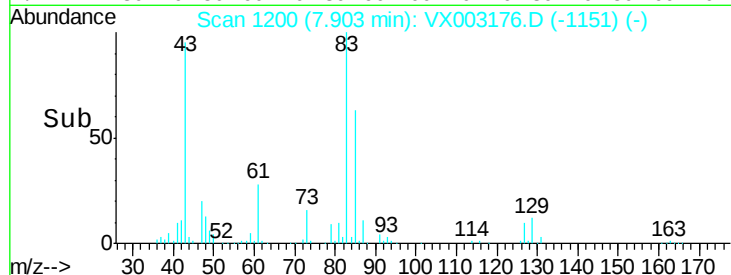
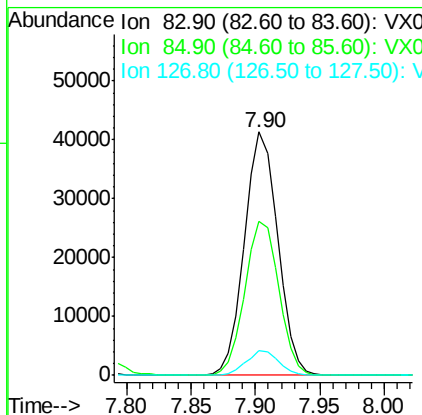
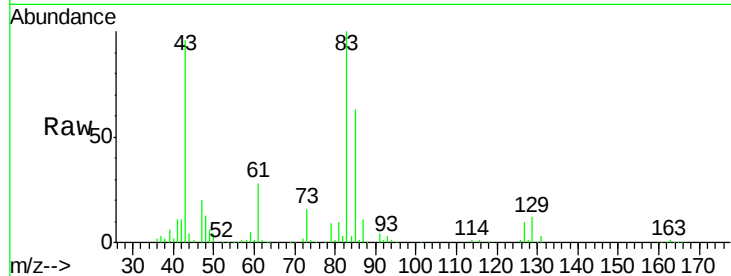
ClientSampleId :

VX0705WBSD02

Tot Ion:	83	Resp:	74184
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5
127	10.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.86 ug/l

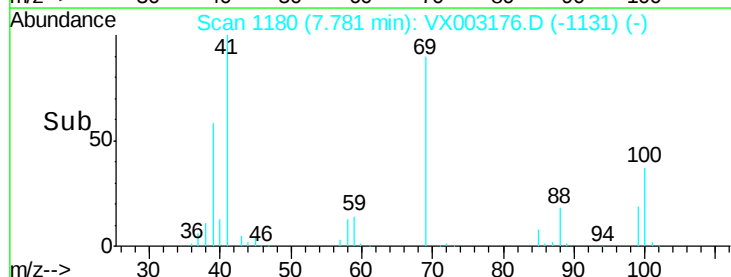
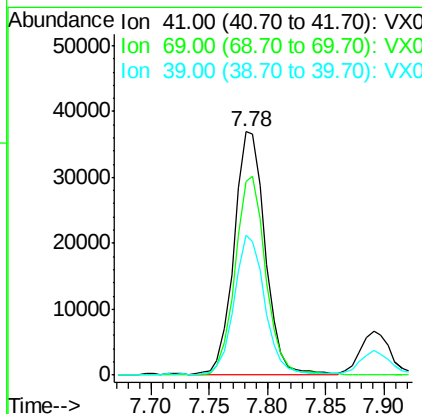
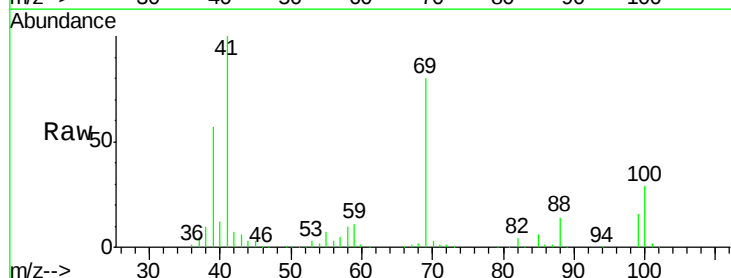
RT: 7.78 min Scan# 1180

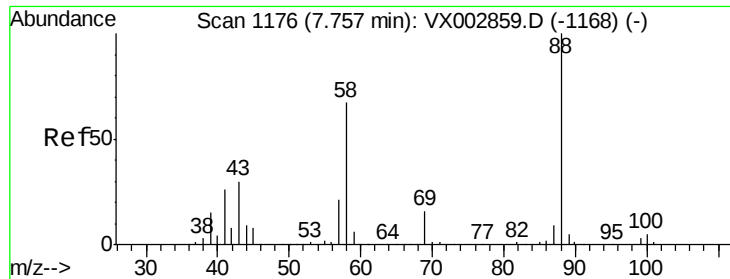
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	41	Resp:	68201
Ion	Ratio	Lower	Upper
41	100		
69	81.0	59.1	88.7
39	56.0	48.9	73.3





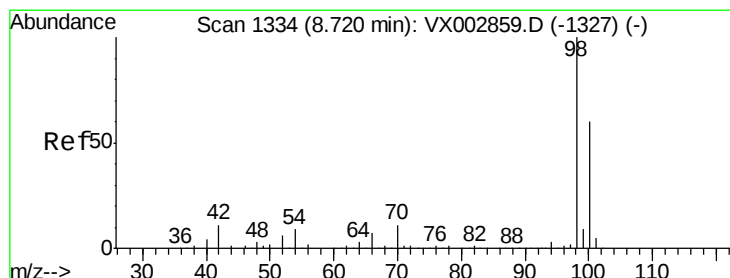
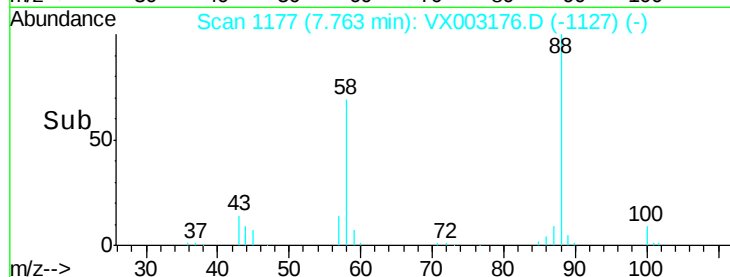
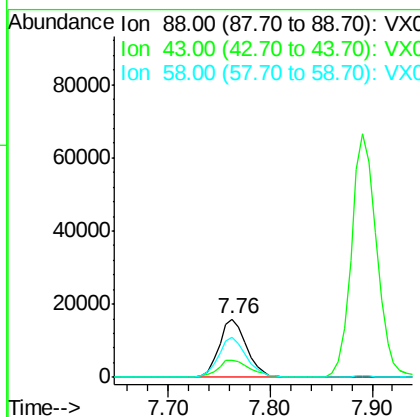
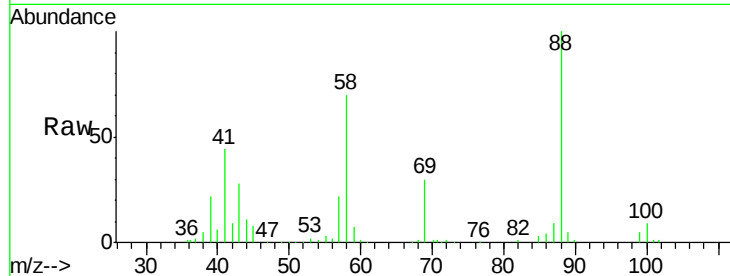
#49
 1,4-Dioxane
 Concen: 447.53 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion:	88	Resp:	29903
Ion	Ratio	Lower	Upper
88	100		
43	32.7	29.8	44.6
58	71.6	57.1	85.7

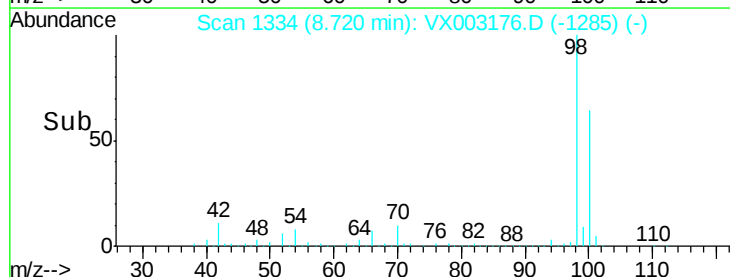
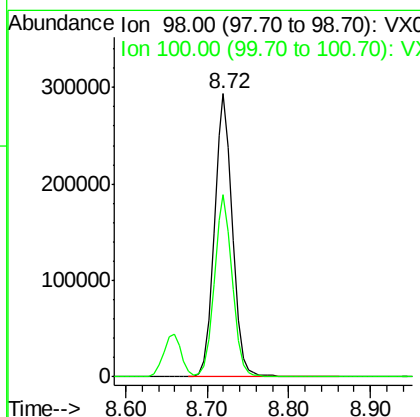
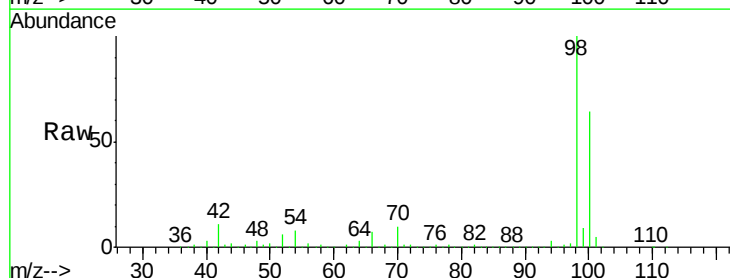
Manual Integrations
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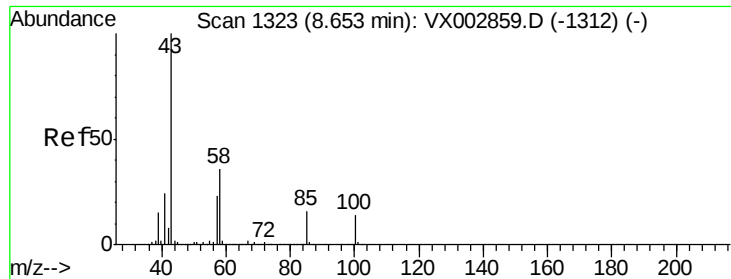
sam
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#50
 Toluene-d8
 Concen: 46.96 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion:	98	Resp:	457047
Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





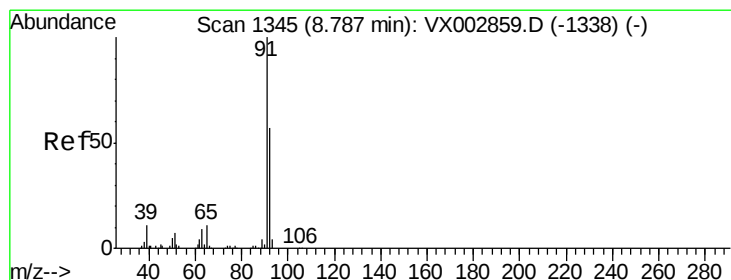
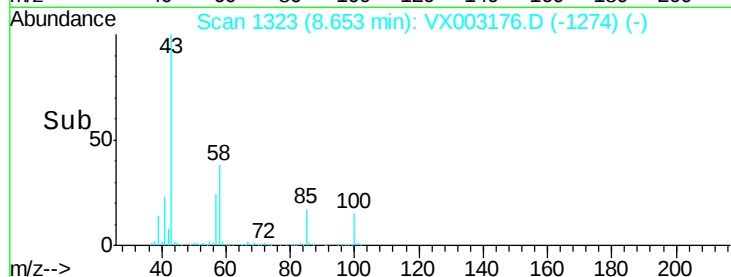
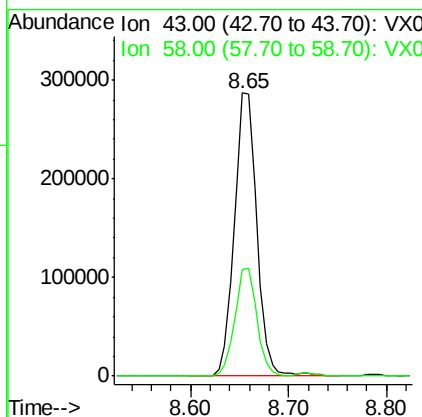
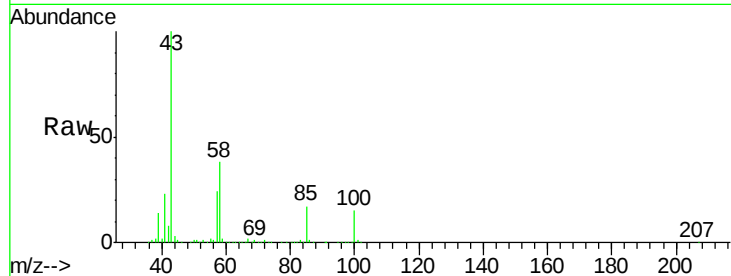
#51
4-Methyl-2-Pentanone
Concen: 109.76 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion: 43 Resp: 457722
Ion Ratio Lower Upper
43 100
58 37.3 28.6 42.8

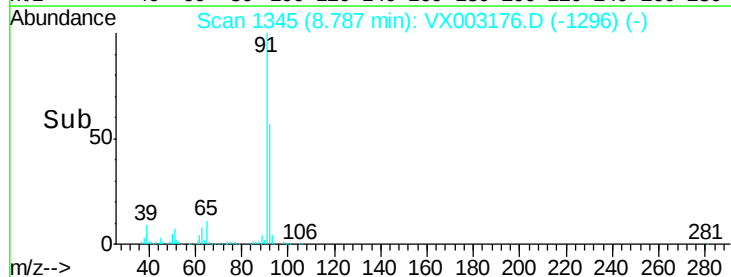
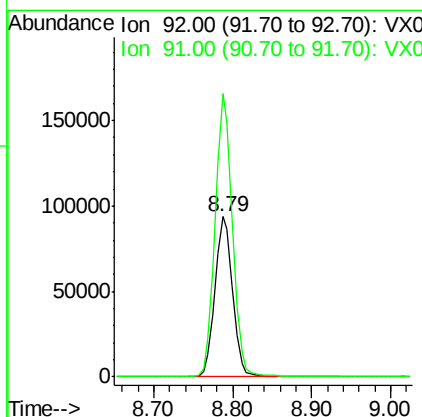
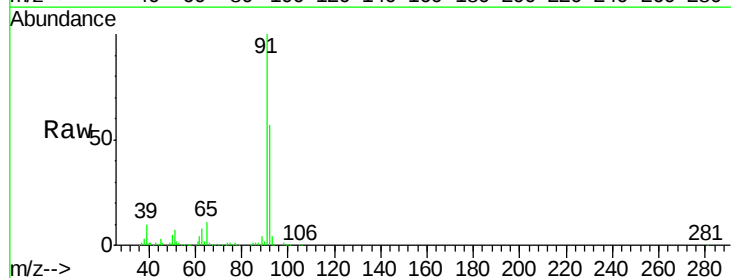
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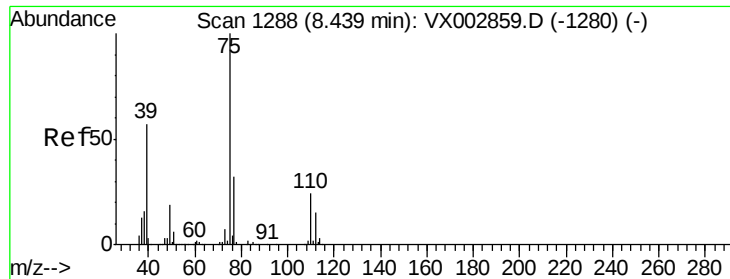
sam
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#52
Toluene
Concen: 21.35 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion: 92 Resp: 146660
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.08 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 75 Resp: 87137

Ion Ratio Lower Upper

75 100

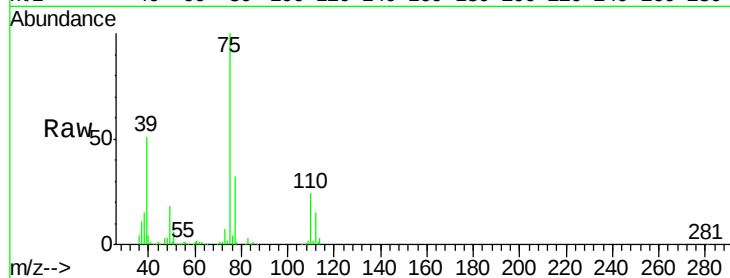
77 31.9 25.4 38.2

Manual Integrations

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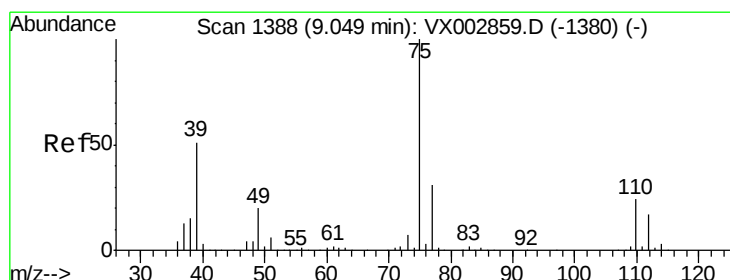
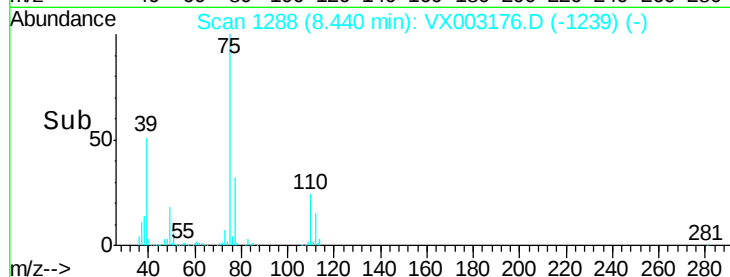
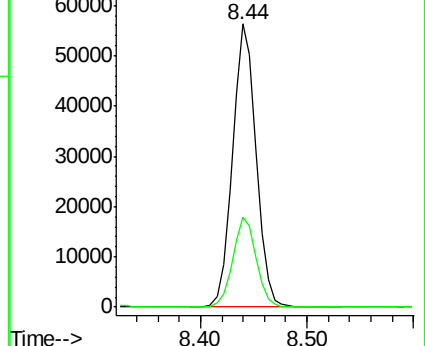
sam

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.59 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

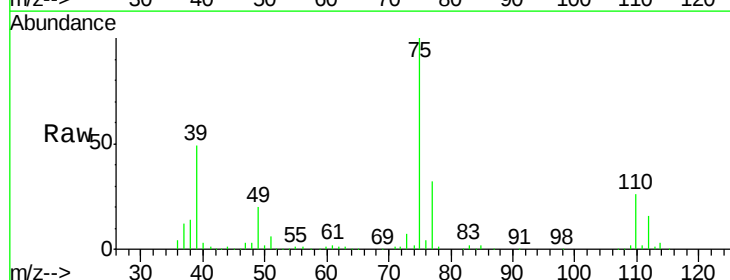
Tgt Ion: 75 Resp: 77923

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

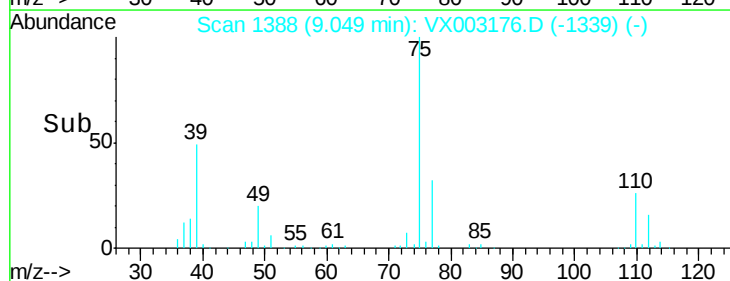
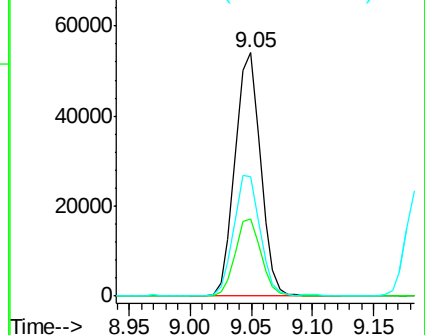
39 48.9 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





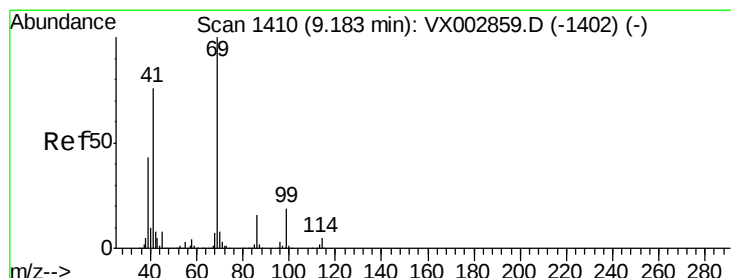
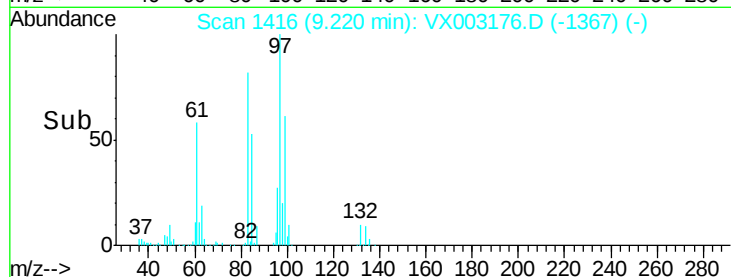
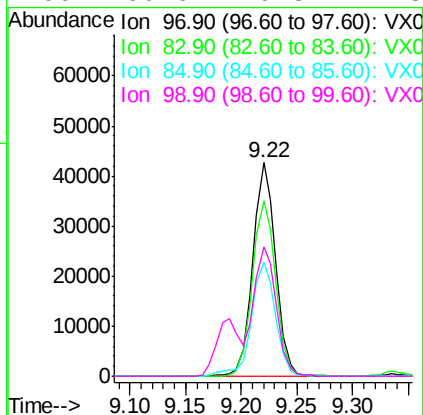
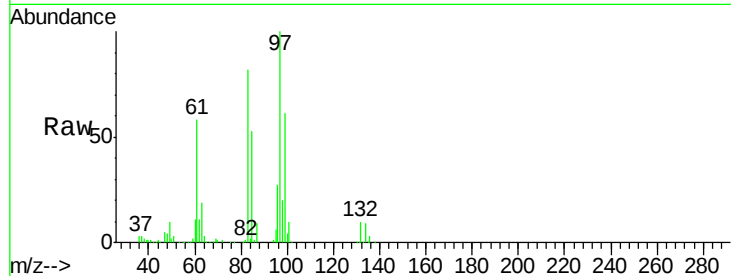
#55
 1,1,2-Trichloroethane
 Concen: 21.57 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion:	97	Resp:	60890
Ion	Ratio	Lower	Upper
97	100		
83	82.1	70.2	105.2
85	53.1	44.9	67.3
99	60.6	49.8	74.8

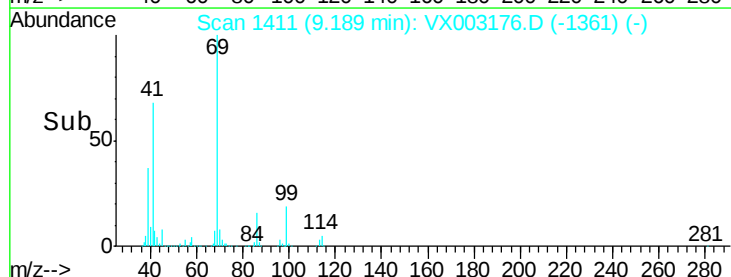
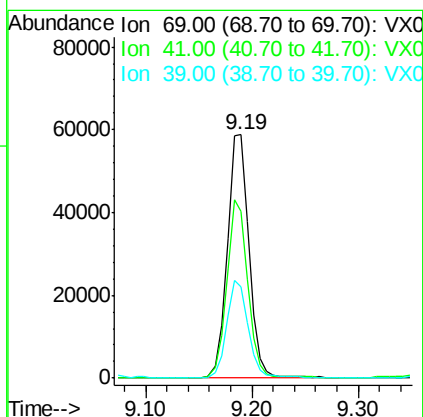
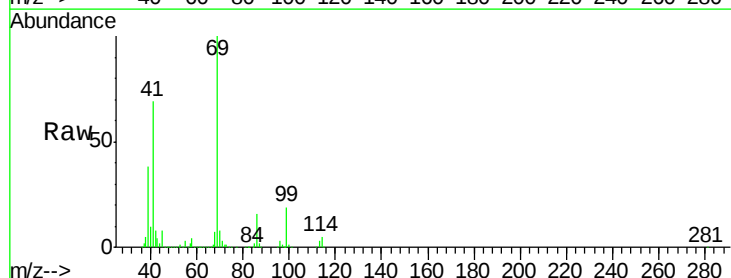
Manual Integrations
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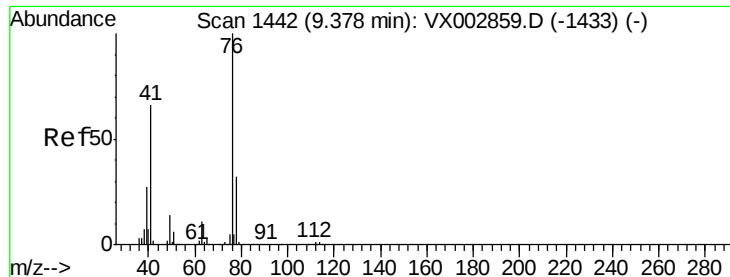
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#56
 Ethyl methacrylate
 Concen: 20.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion:	69	Resp:	84357
Ion	Ratio	Lower	Upper
69	100		
41	70.9	60.3	90.5
39	38.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.93 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 76 Resp: 97038

Ion Ratio Lower Upper

76 100

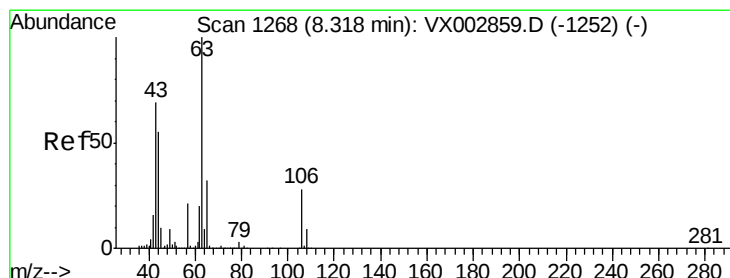
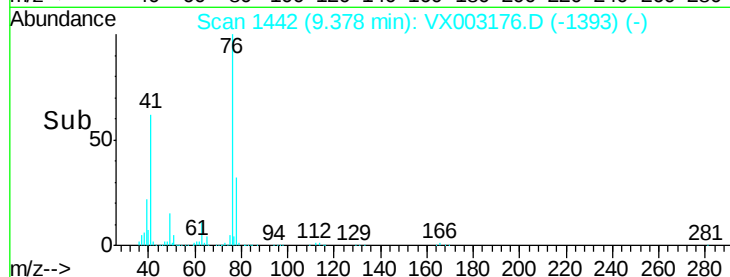
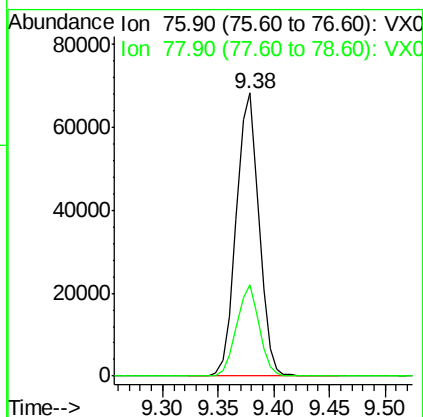
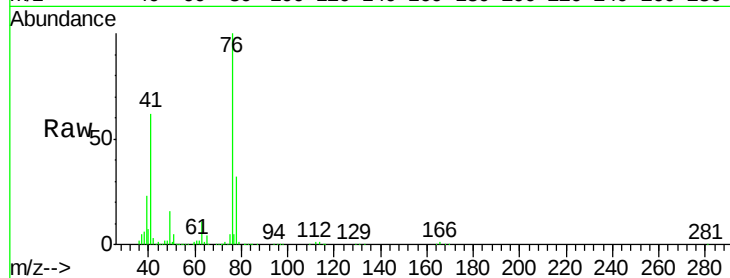
78 32.1 25.8 38.6

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 106.65 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003176.D

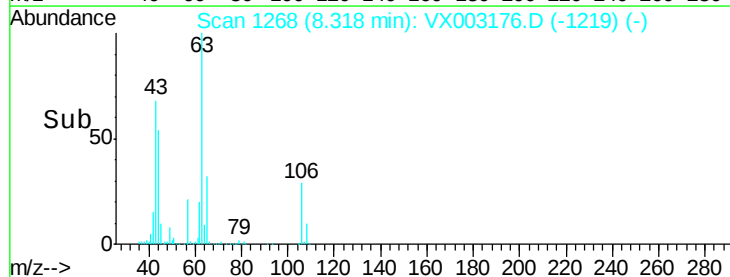
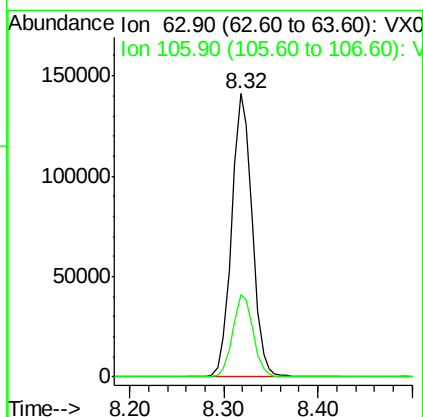
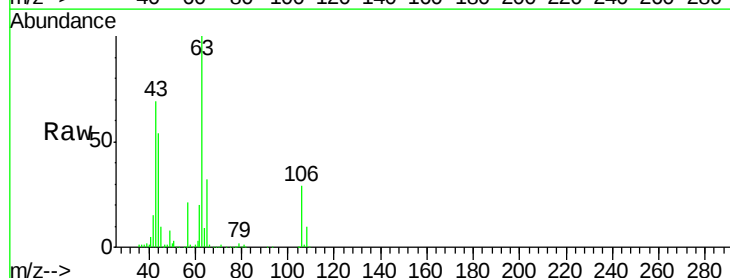
Acq: 05 Jul 2018 17:00

Tgt Ion: 63 Resp: 212306

Ion Ratio Lower Upper

63 100

106 29.3 21.8 32.8





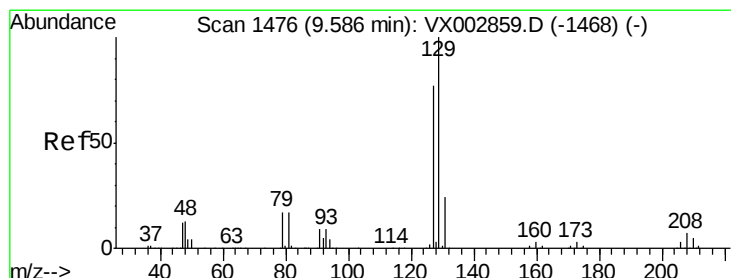
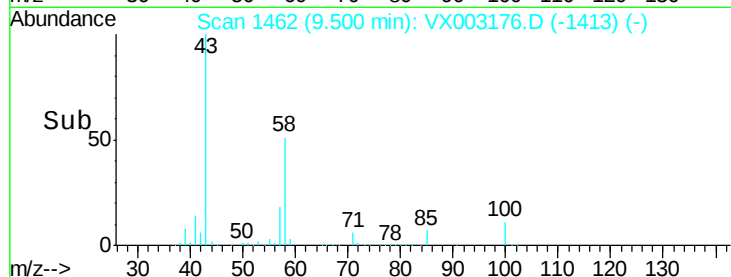
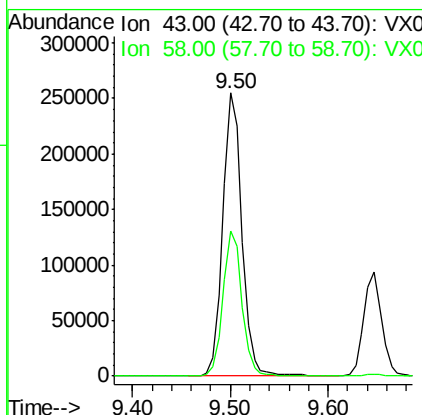
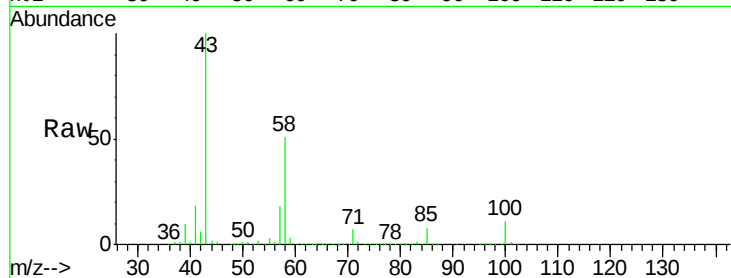
#59
2-Hexanone
Concen: 109.25 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.0	24.6	73.6

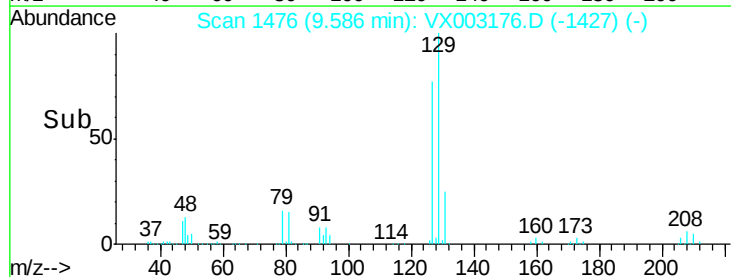
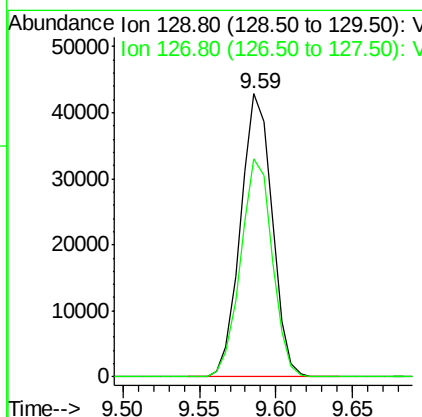
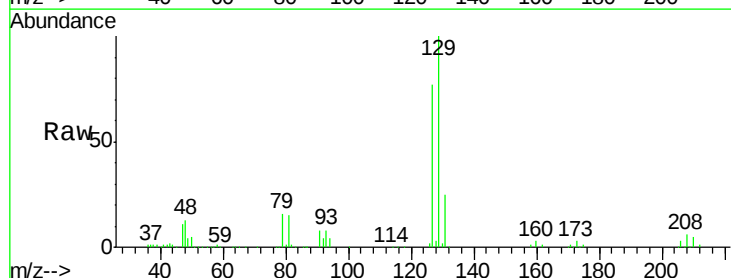
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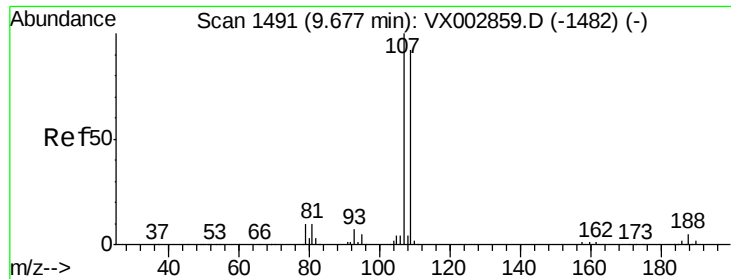
sam
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#60
Dibromochloromethane
Concen: 20.67 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.3





#61

1,2-Dibromoethane

Concen: 21.08 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion:107 Resp: 62411

Ion Ratio Lower Upper

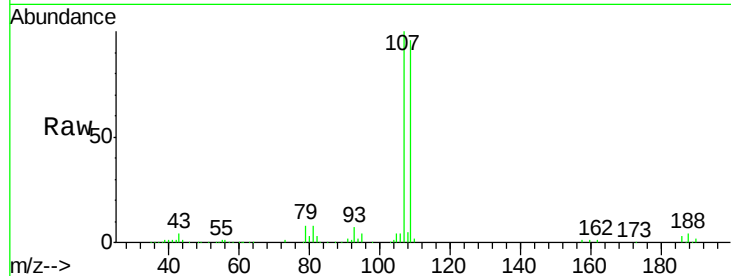
107 100

109 96.3 75.3 112.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

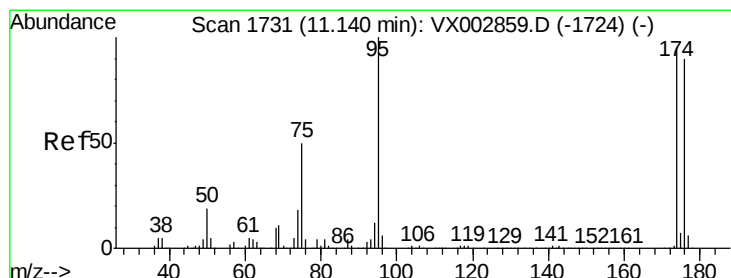
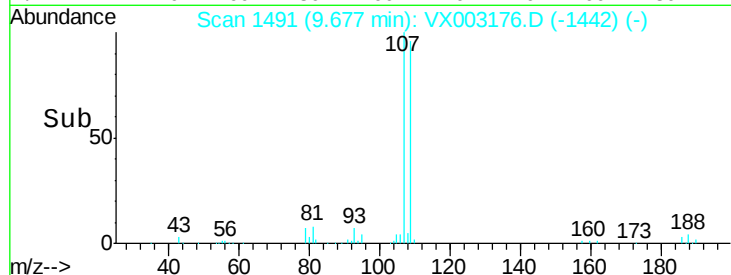
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

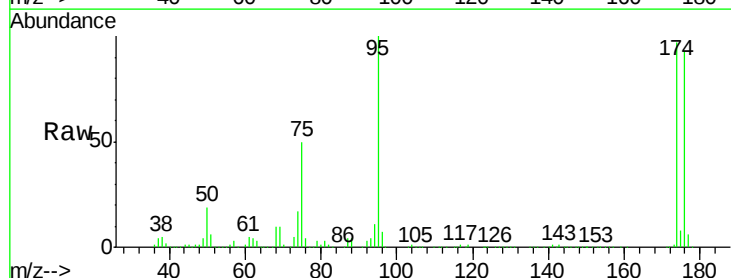
Tgt Ion: 95 Resp: 170074

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

176 94.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

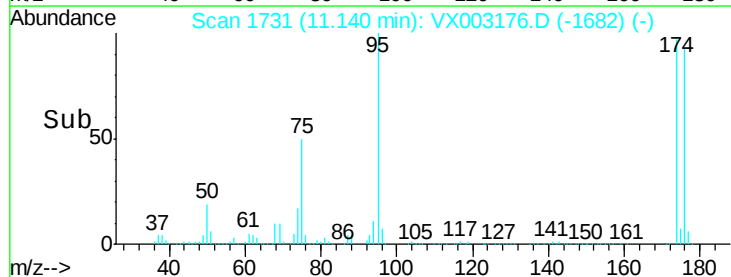
100000

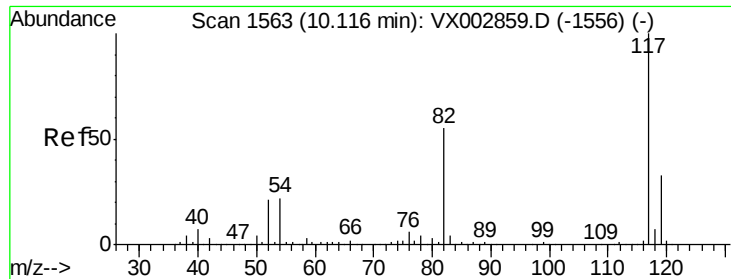
50000

0

Time-->

11.10 11.20





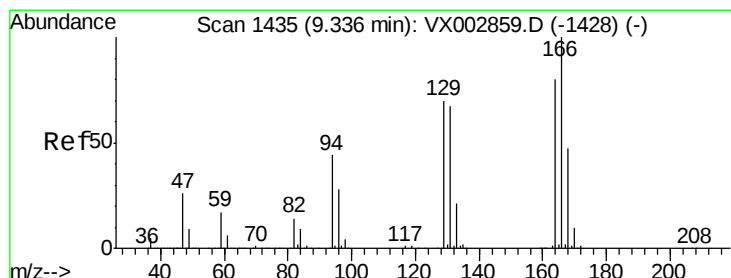
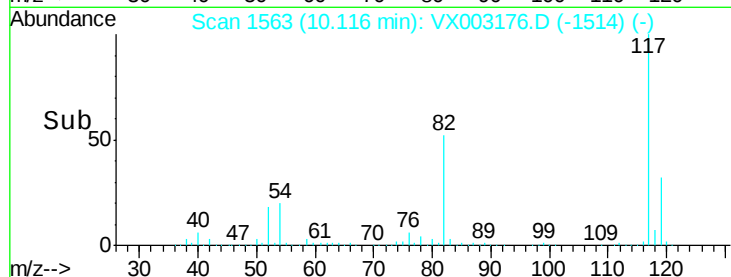
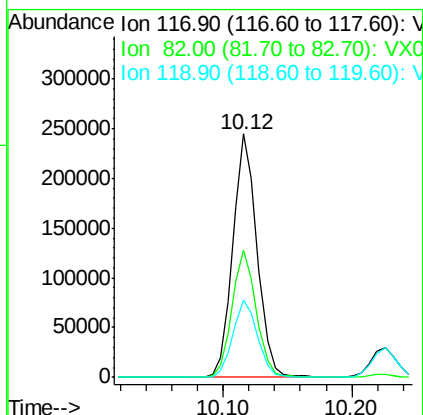
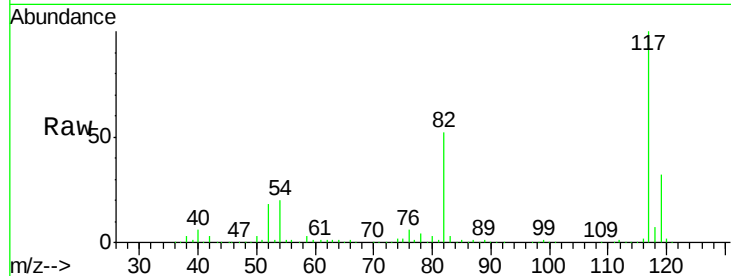
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.0	67.4
119	31.6	25.8	38.6

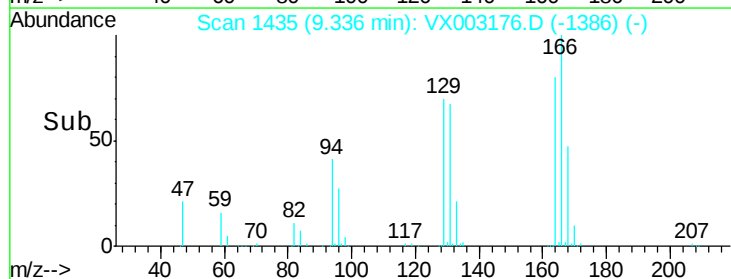
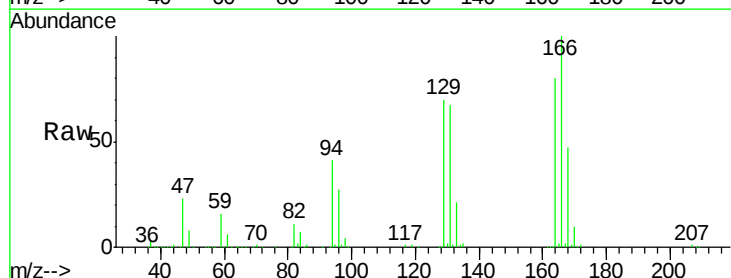
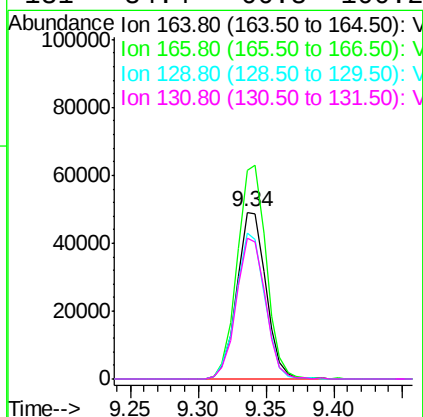
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#64
Tetrachloroethene
Concen: 20.45 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.9	154.3
129	87.4	68.6	102.8
131	84.4	66.8	100.2





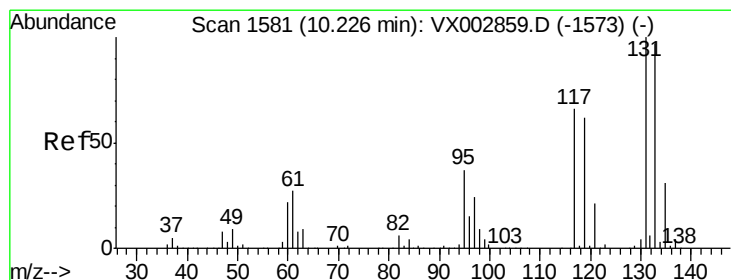
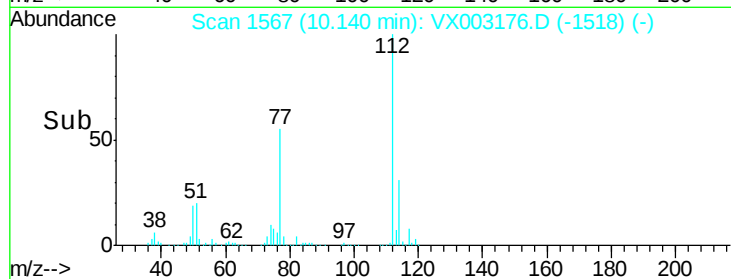
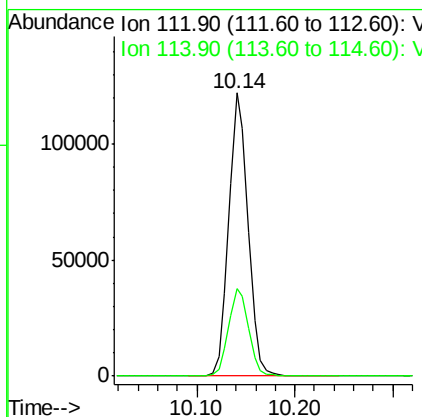
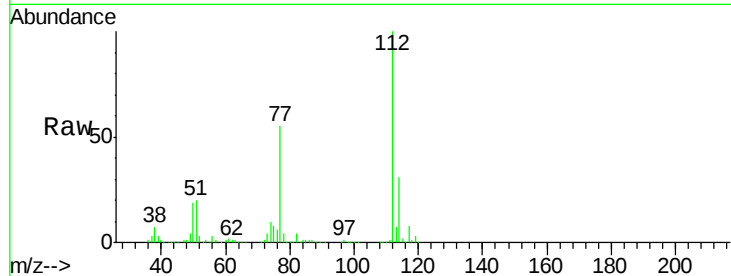
#65
Chlorobenzene
Concen: 20.47 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.3	37.9

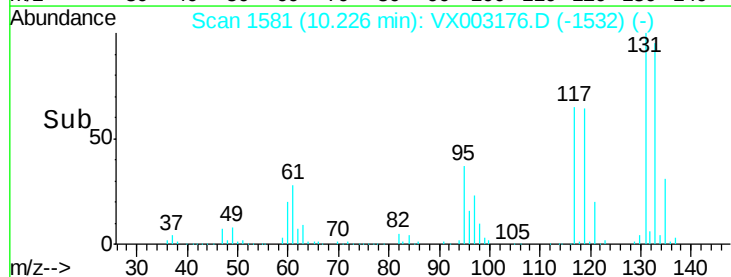
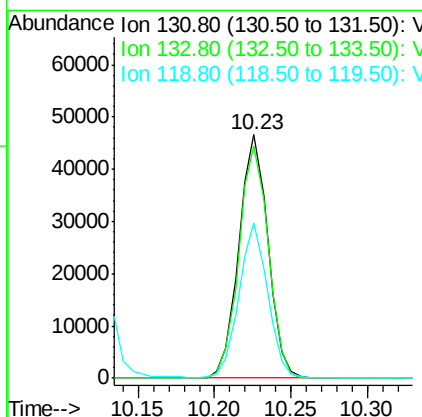
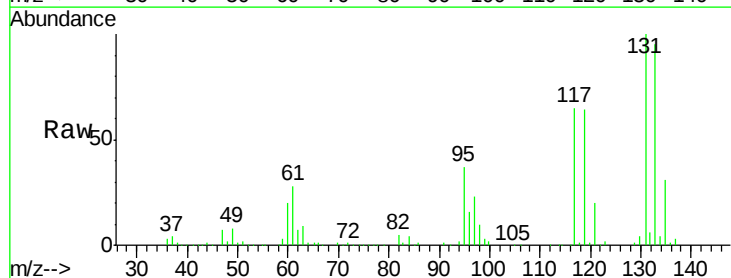
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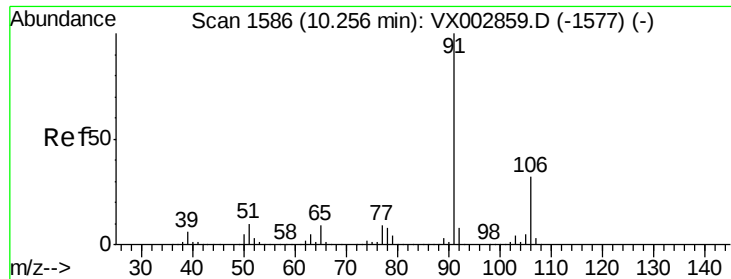
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.9	143.6
119	63.1	31.8	95.3





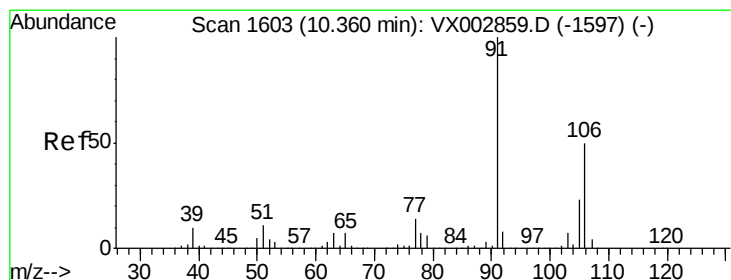
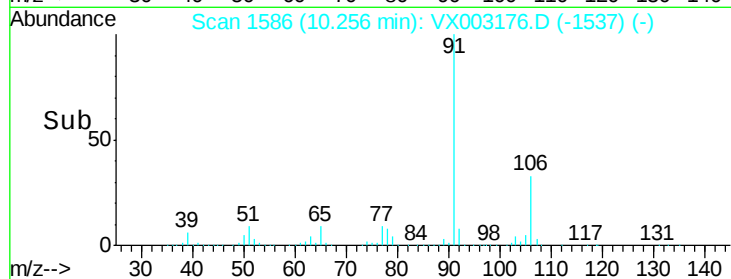
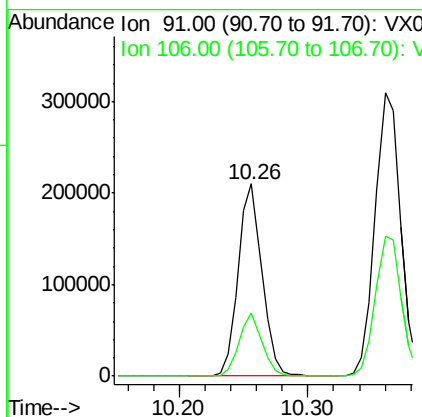
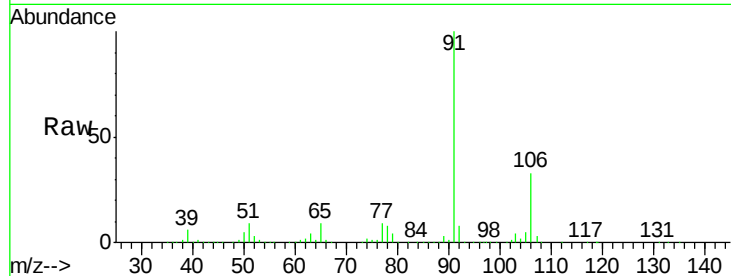
#67
Ethyl Benzene
Concen: 20.08 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampled :
VX0705WBSD02

Tot Ion: 91 Resp: 270968
Ion Ratio Lower Upper
91 100
106 32.7 25.5 38.3

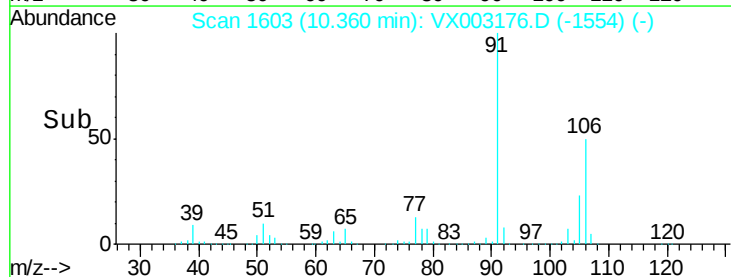
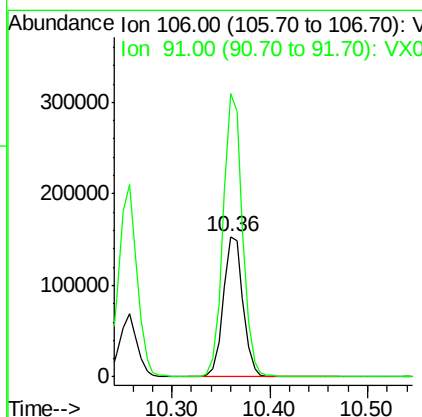
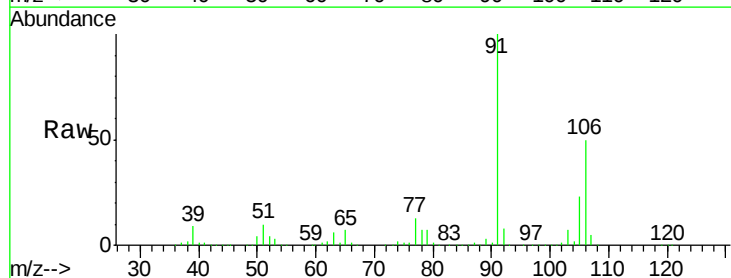
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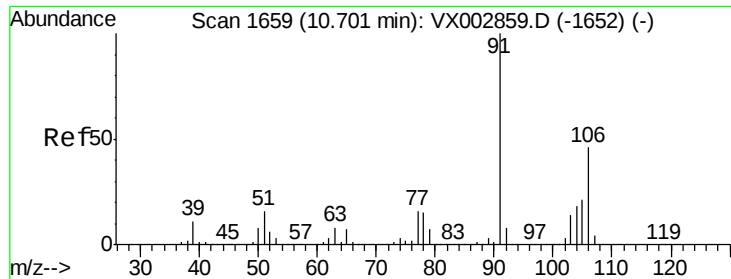
sam
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#68
m/p-Xylenes
Concen: 40.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion: 106 Resp: 212768
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.2





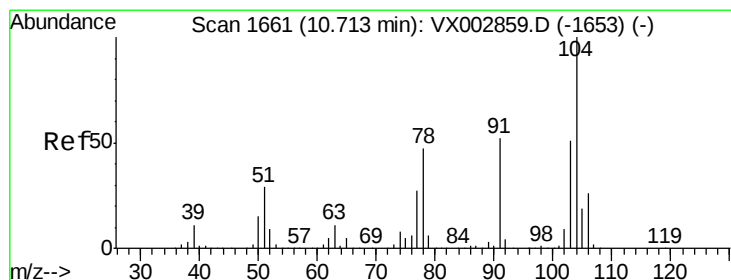
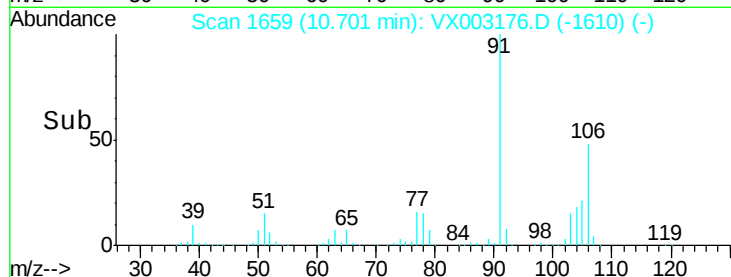
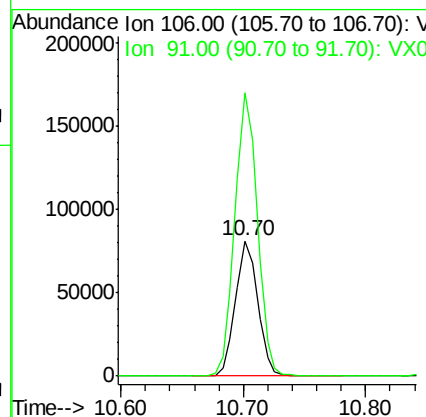
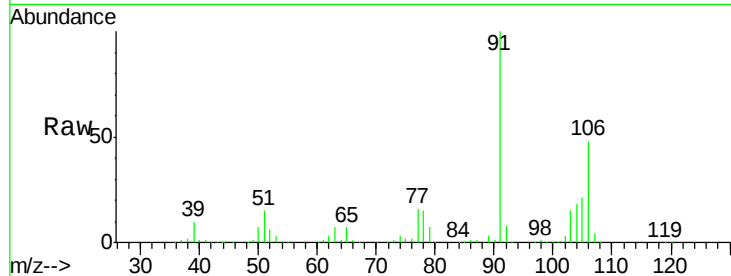
#69
o-Xylene
Concen: 20.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion:106 Resp: 102437
Ion Ratio Lower Upper
106 100
91 211.9 108.2 324.6

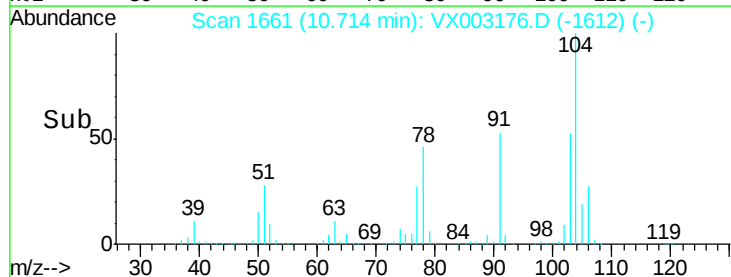
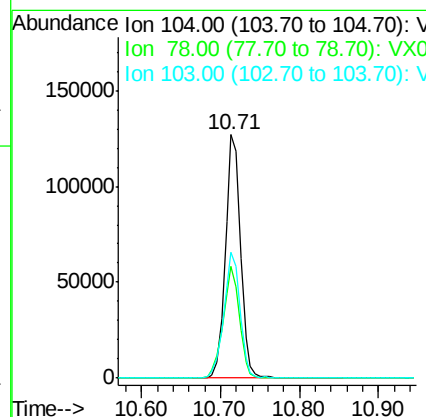
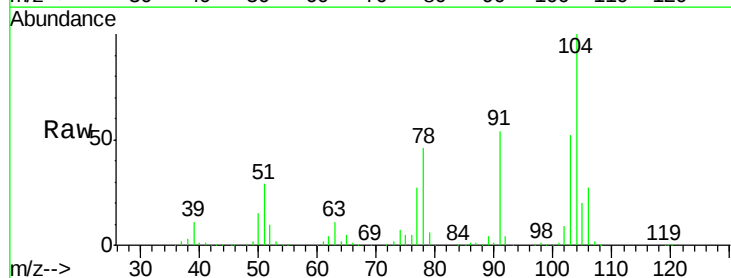
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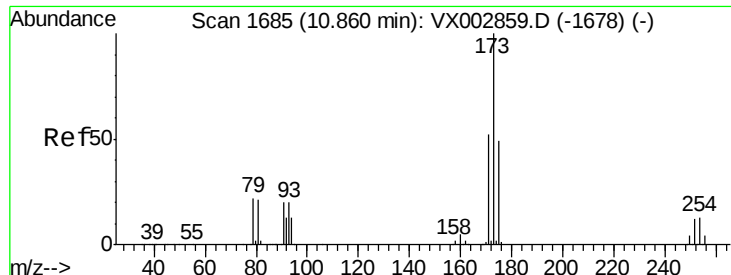
sam
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#70
Styrene
Concen: 20.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion:104 Resp: 170379
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 20.02 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

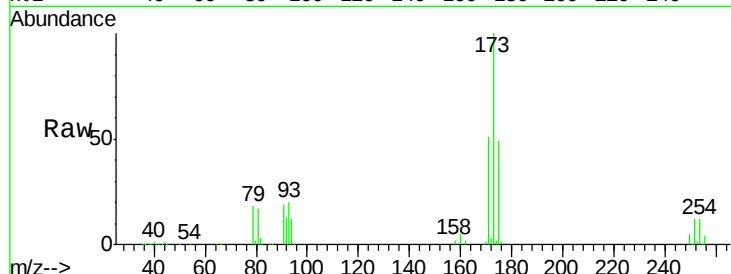
ClientSampleId :

VX0705WBSD02

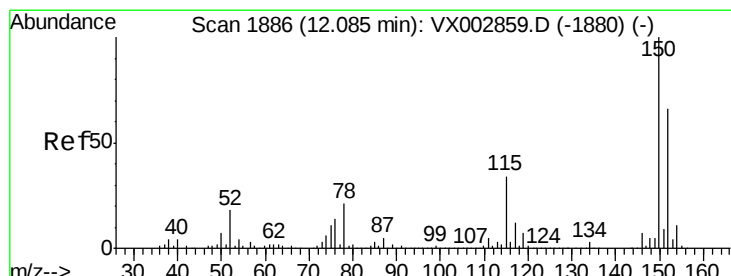
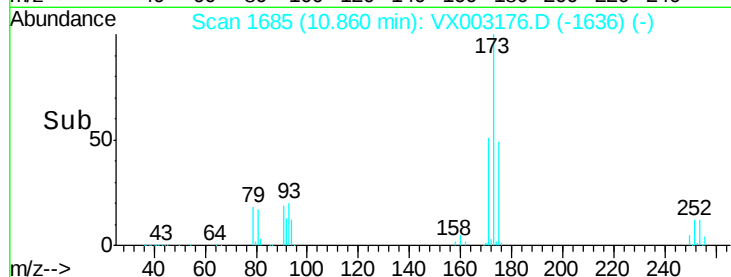
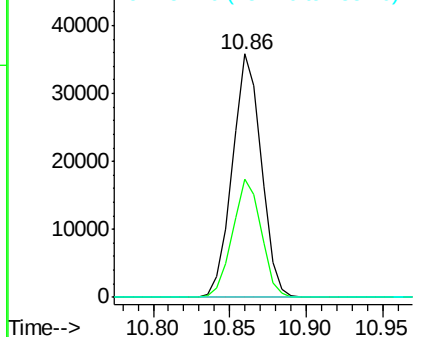
Tot Ion:173	Resp:	46892
Ion Ratio	Lower	Upper
173 100		
175 48.3	24.7	74.1
254 0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

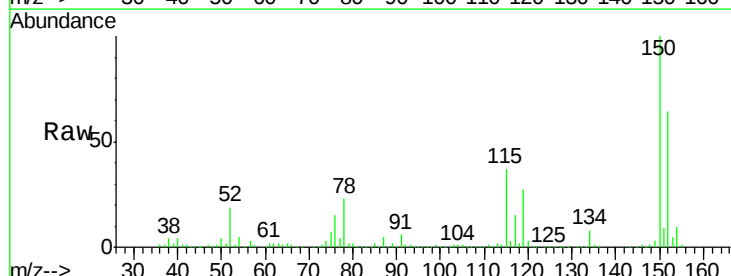
RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

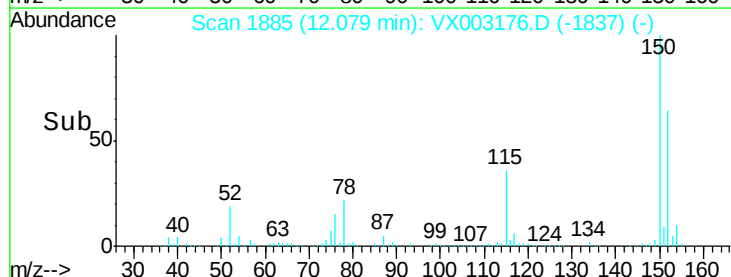
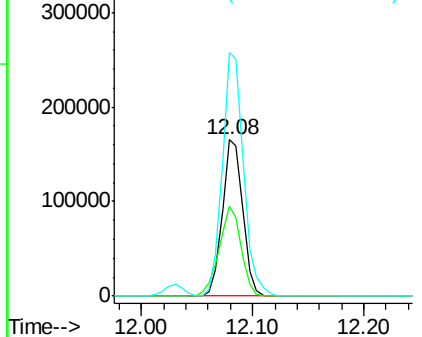
Lab File: VX003176.D

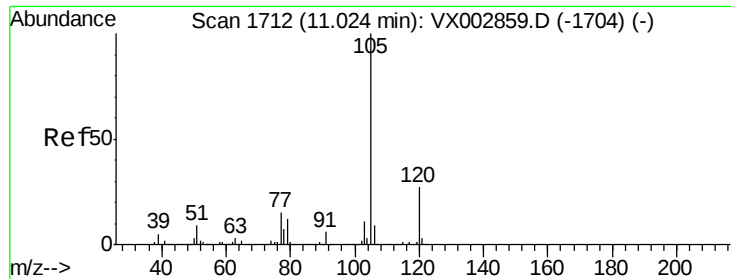
Acq: 05 Jul 2018 17:00

Tgt Ion:152	Resp:	207707
Ion Ratio	Lower	Upper
152 100		
115 62.3	40.1	120.2
150 162.9	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: 19.63 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion:105 Resp: 274342

Ion Ratio Lower Upper

105 100

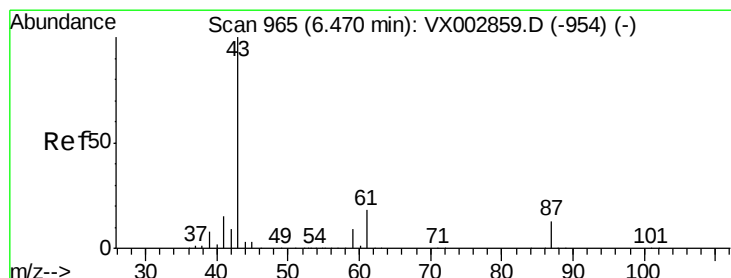
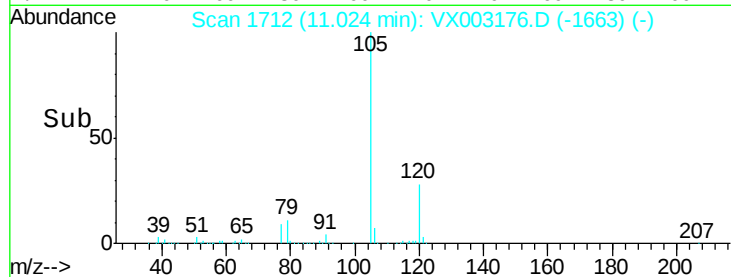
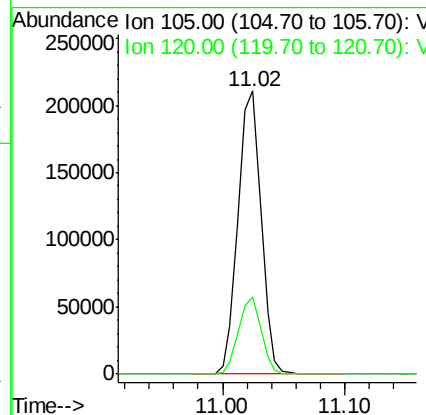
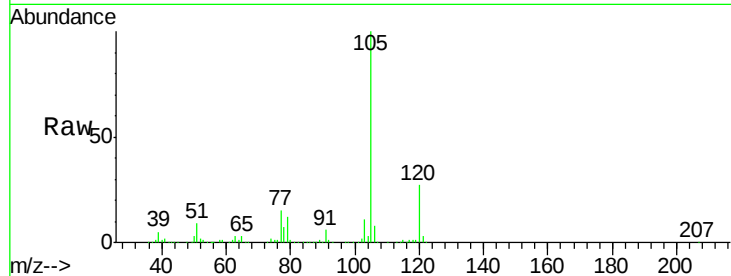
120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.50 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion: 43 Resp: 133316

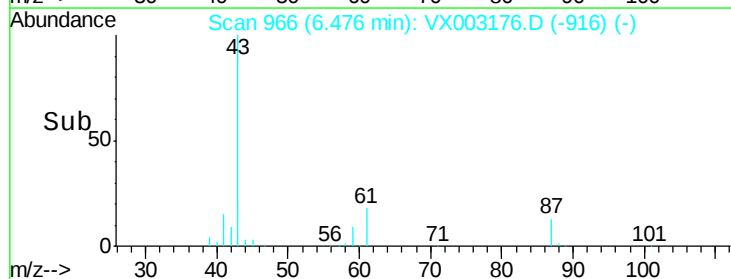
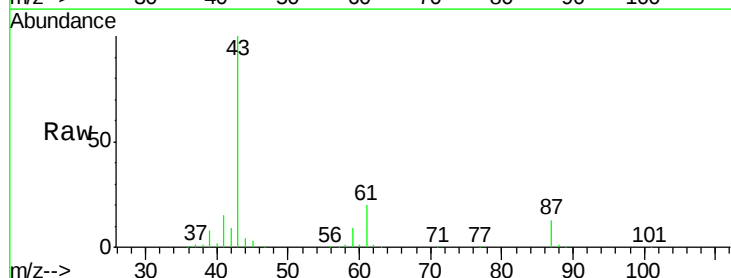
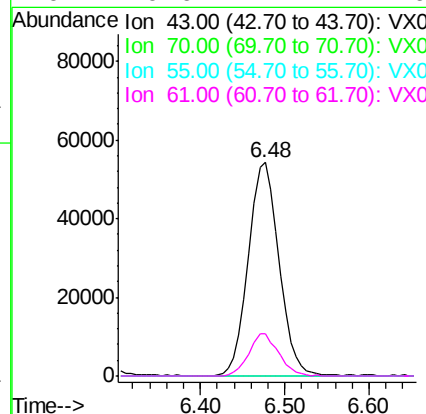
Ion Ratio Lower Upper

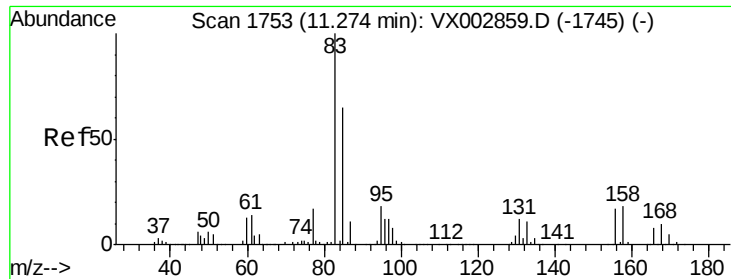
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

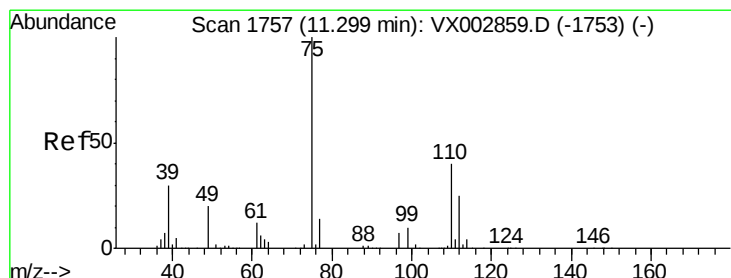
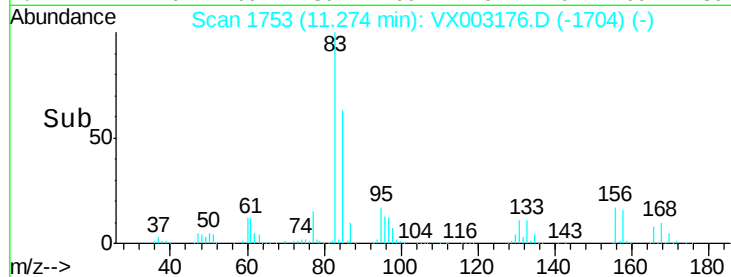
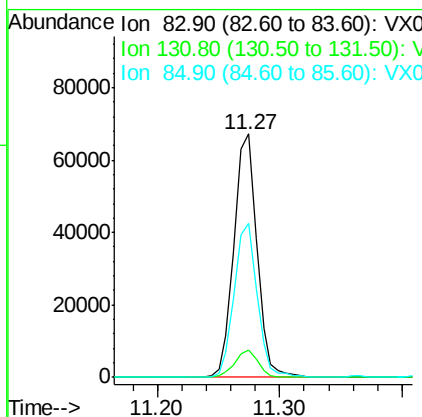
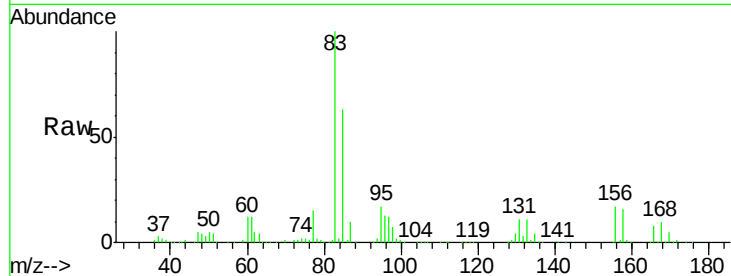
ClientSampleId :

VX0705WBSD02

Tot Ion:	83	Resp:	87363
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	63.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.19 ug/l m

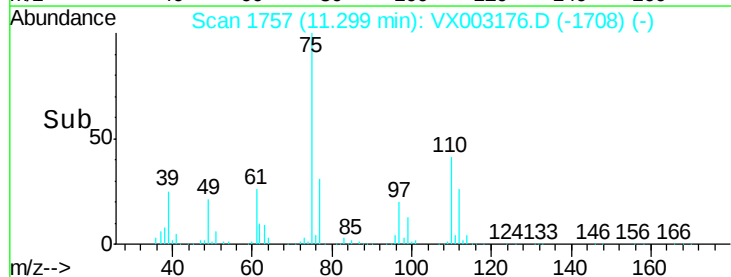
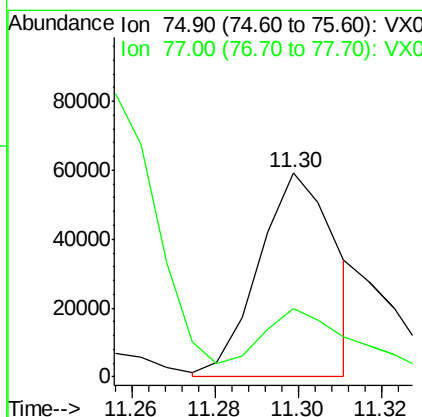
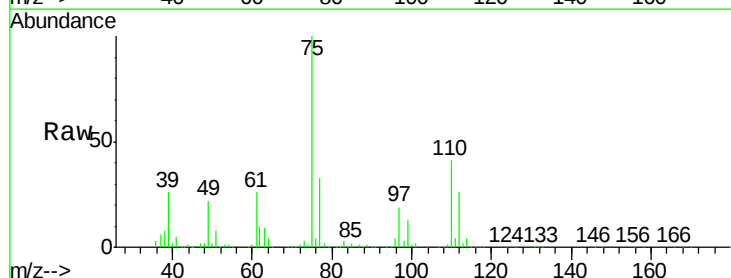
RT: 11.30 min Scan# 1757

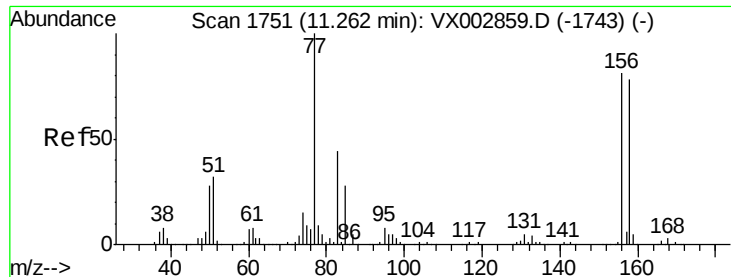
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	75	Resp:	75958
Ion Ratio	Lower	Upper	
75	100		
77	42.2	22.8	68.3





#77

Bromobenzene

Concen: 19.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

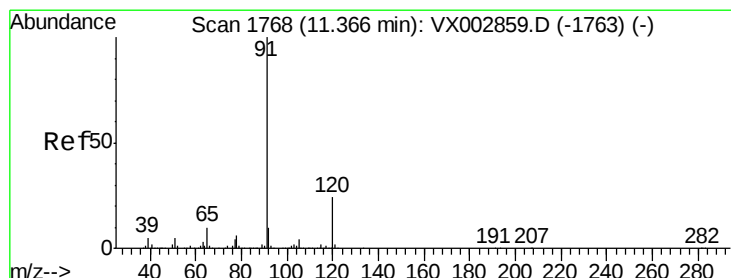
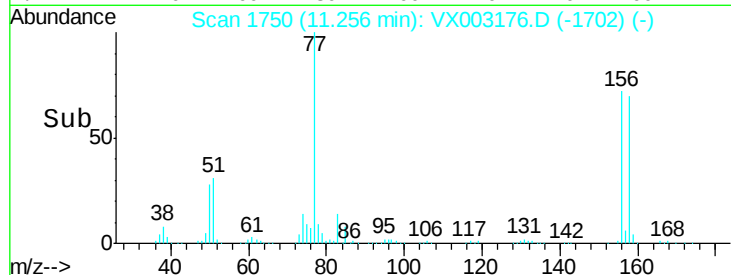
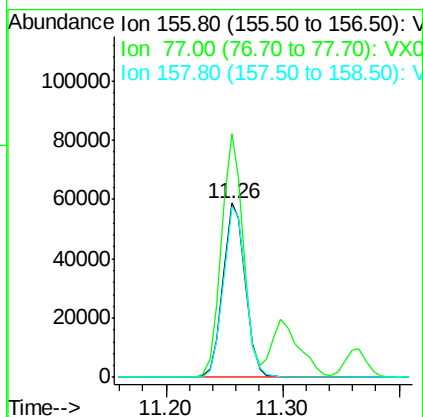
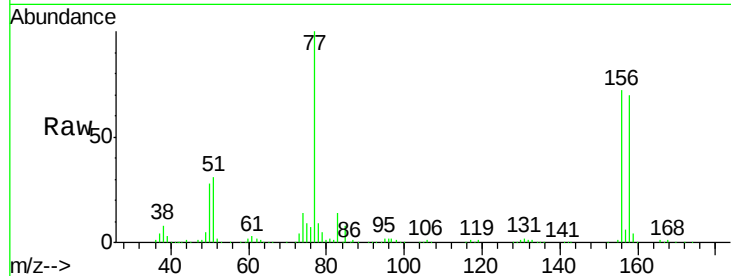
ClientSampleId :

VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.5	71.4	214.2
158	98.9	48.9	146.6

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#78

n-propylbenzene

Concen: 19.00 ug/l

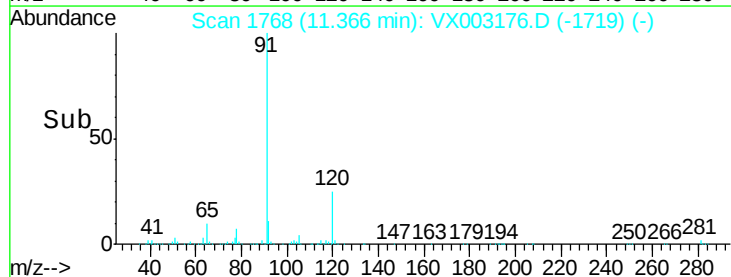
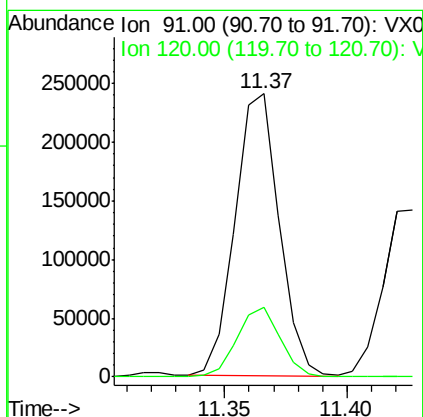
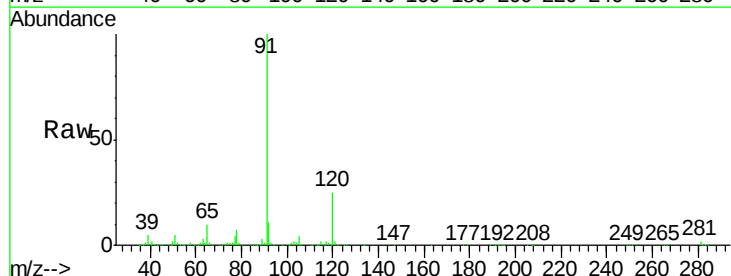
RT: 11.37 min Scan# 1768

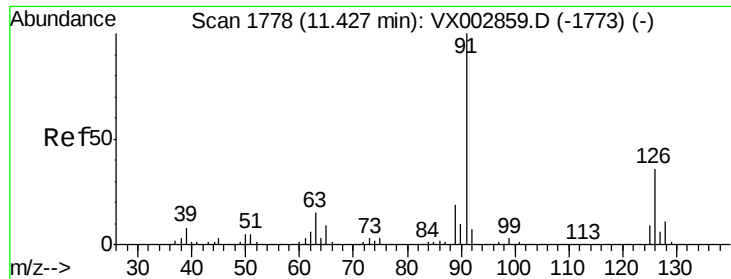
Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.8	35.4





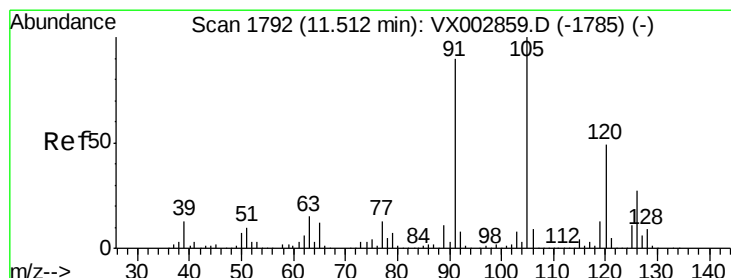
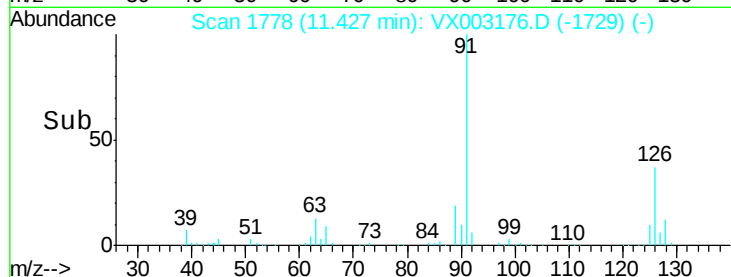
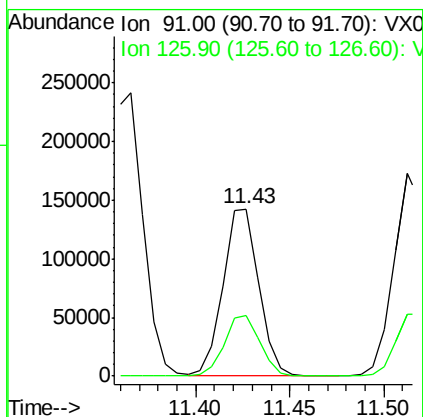
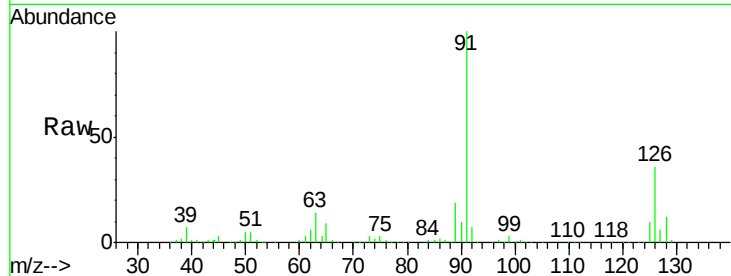
#79
2-Chlorotoluene
Concen: 19.37 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion: 91 Resp: 186489
Ion Ratio Lower Upper
91 100
126 36.6 17.7 53.1

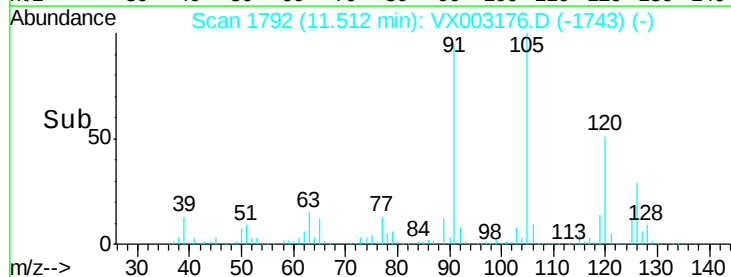
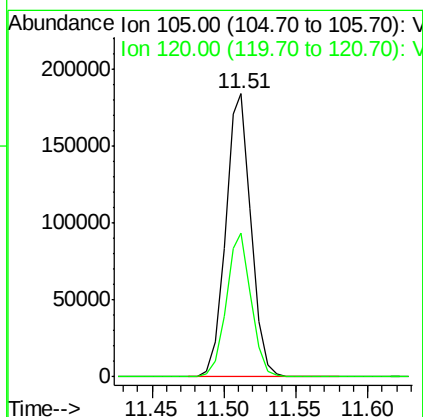
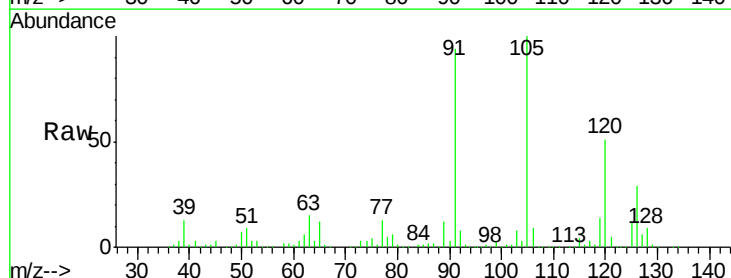
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#80
1,3,5-Trimethylbenzene
Concen: 19.29 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion: 105 Resp: 227000
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion: 75 Resp: 21097

Ion Ratio Lower Upper

75 100

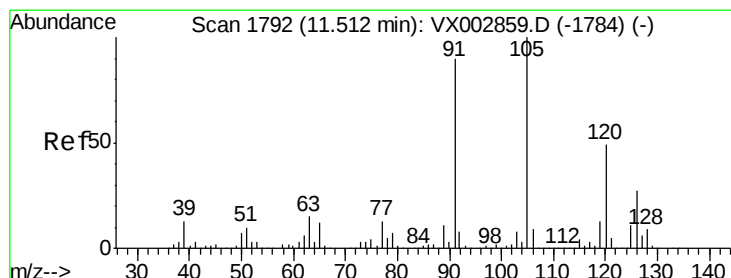
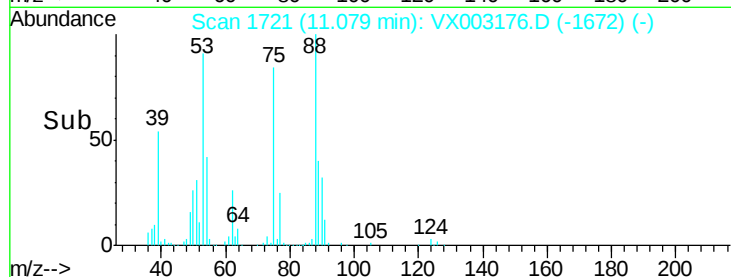
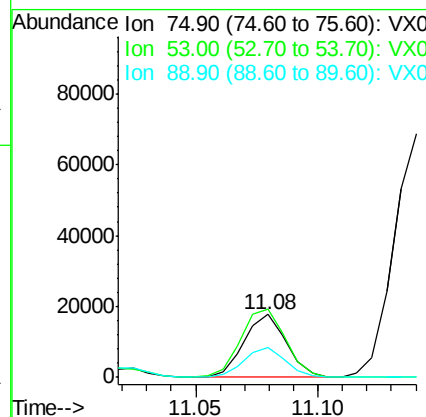
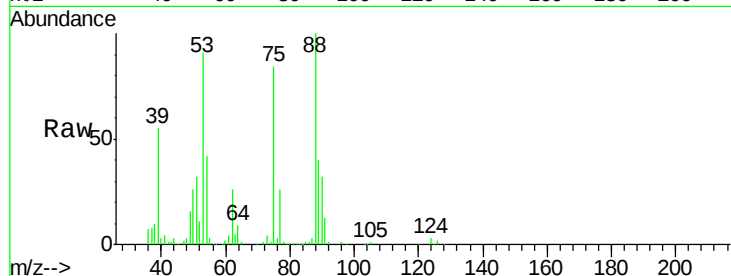
53 115.9 86.8 130.2

89 48.2 38.2 57.2

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#82

4-Chlorotoluene

Concen: 18.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003176.D

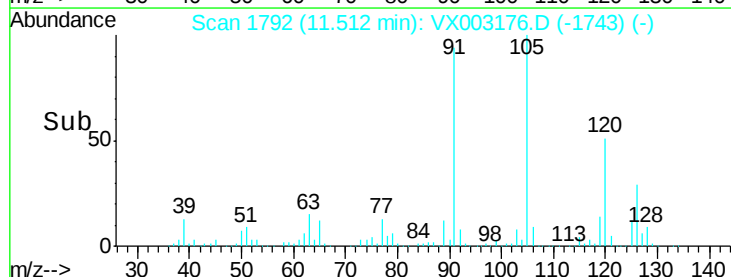
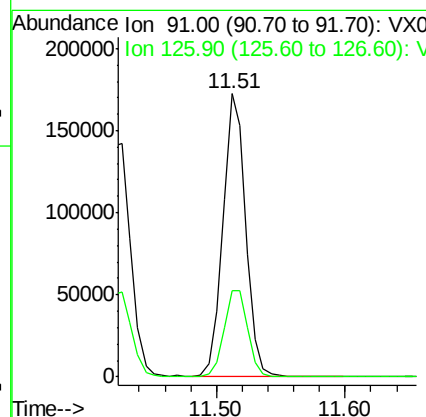
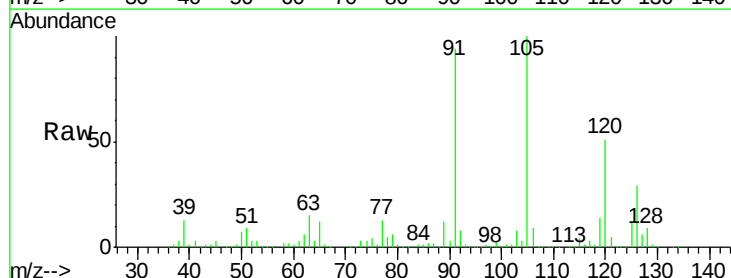
Acq: 05 Jul 2018 17:00

Tgt Ion: 91 Resp: 214954

Ion Ratio Lower Upper

91 100

126 31.9 15.4 46.4





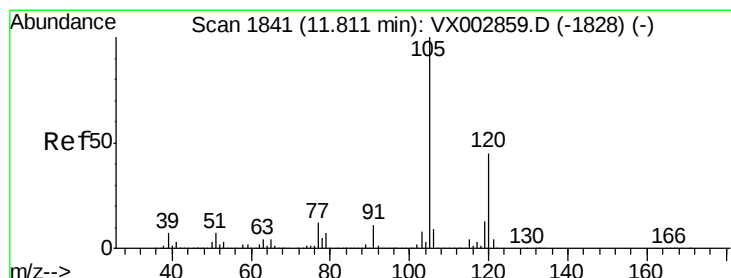
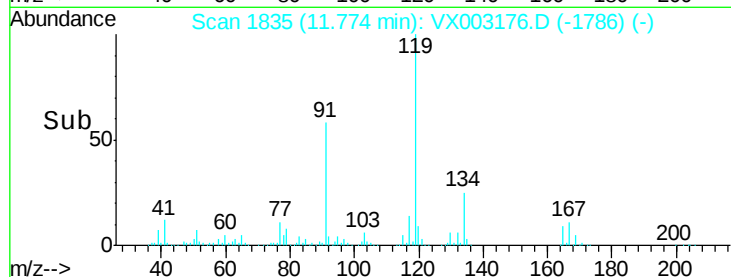
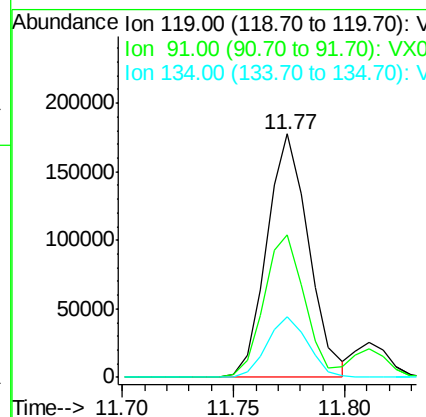
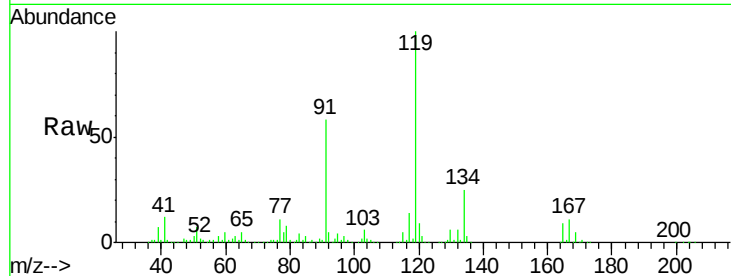
#83
tert-Butylbenzene
Concen: 20.02 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232148		
91	57.3	30.3	90.9	
134	24.2	11.7	35.1	

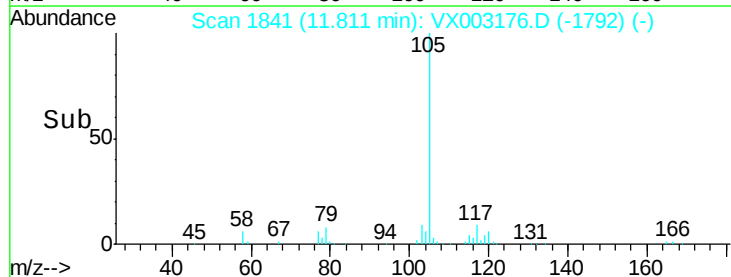
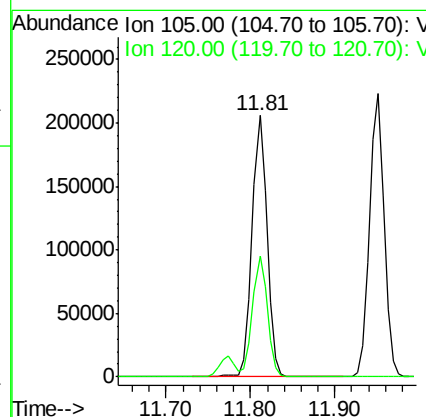
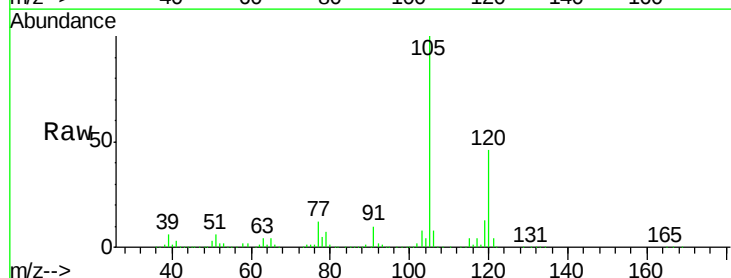
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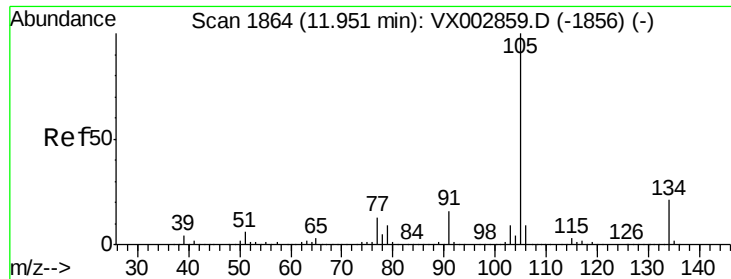
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#84
1,2,4-Trimethylbenzene
Concen: 19.88 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242458		
120	46.2	22.3	66.8	





#85

sec-Butylbenzene

Concen: 19.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBSD02

Tot Ion:105 Resp: 270283

Ion Ratio Lower Upper

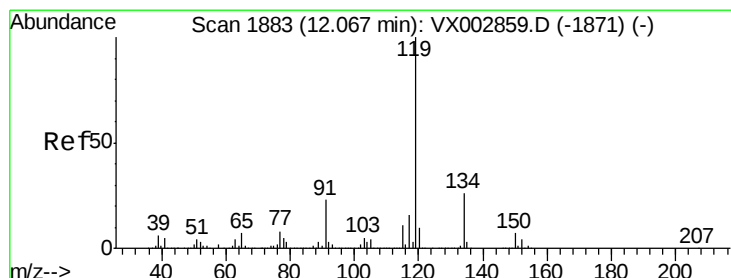
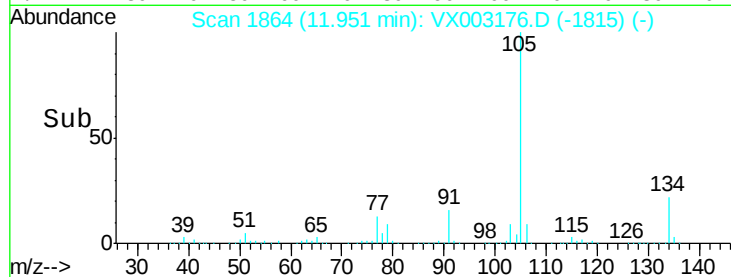
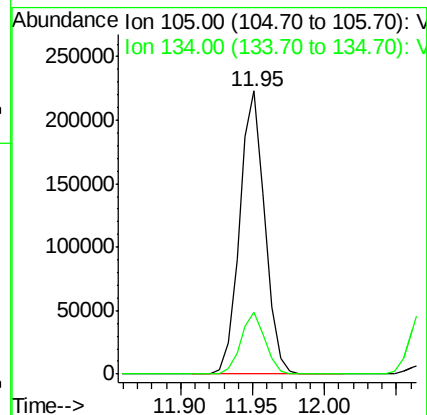
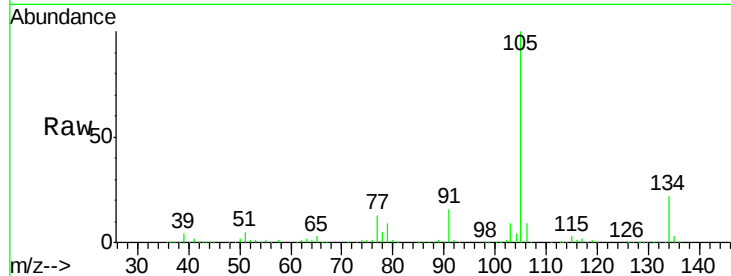
105 100

134 21.2 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.43 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

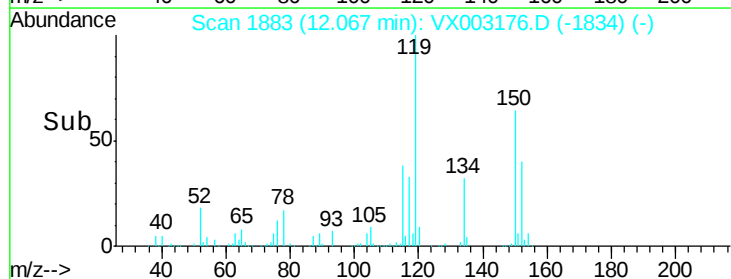
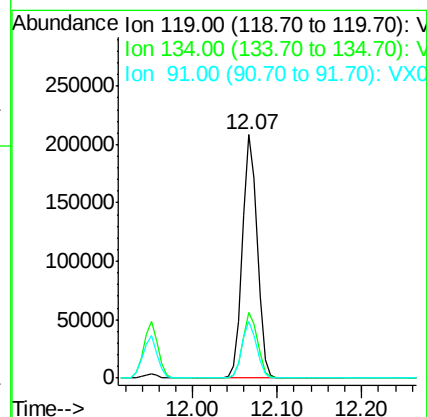
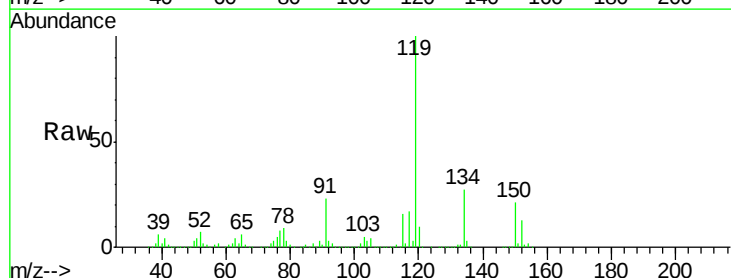
Tgt Ion:119 Resp: 245737

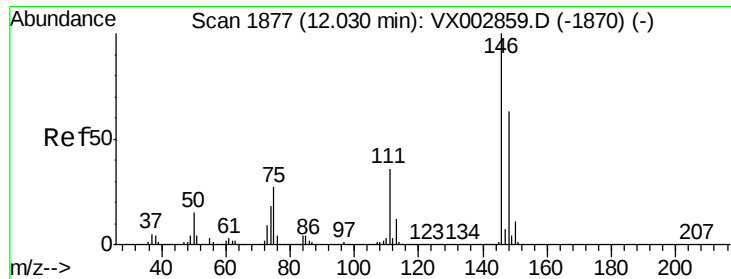
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.78 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

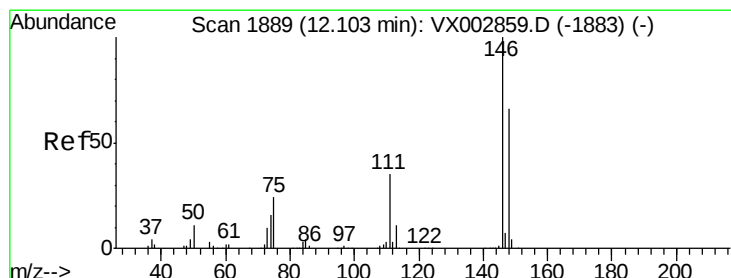
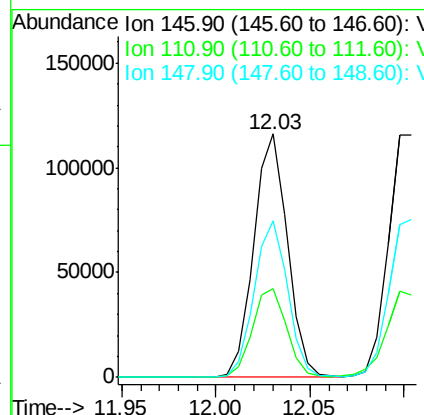
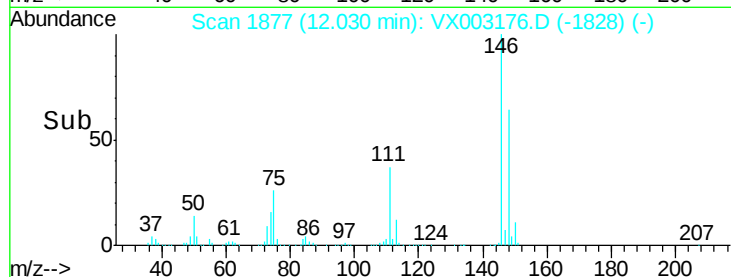
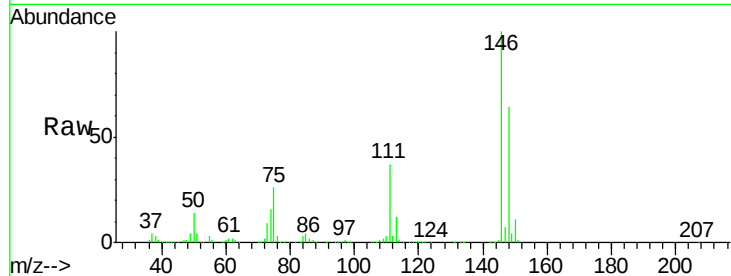
ClientSampleId :

VX0705WBSD02

Tot Ion:	146	Resp:	143772
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.9	56.7
148	64.1	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 20.01 ug/l

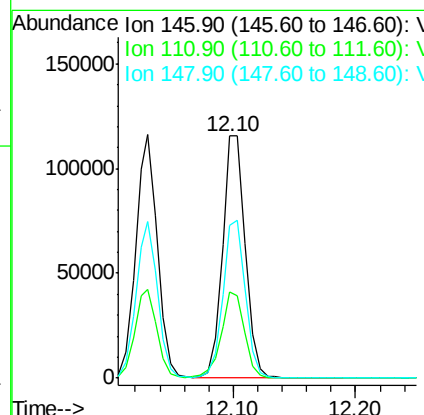
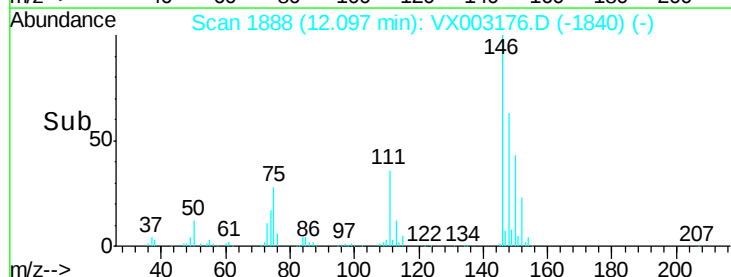
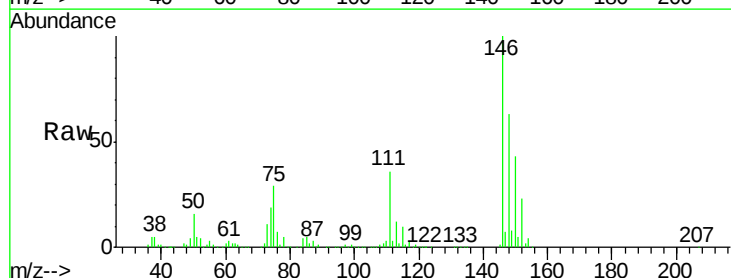
RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	146	Resp:	149640
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.7	56.1
148	64.6	32.4	97.0





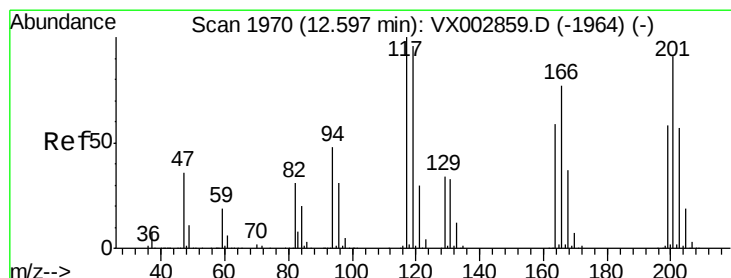
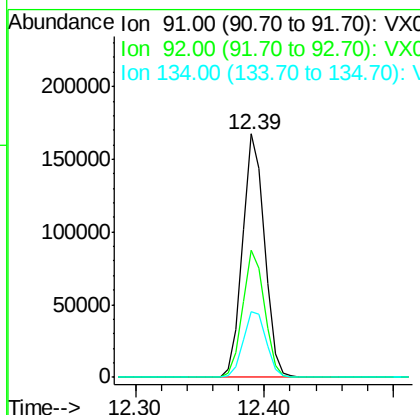
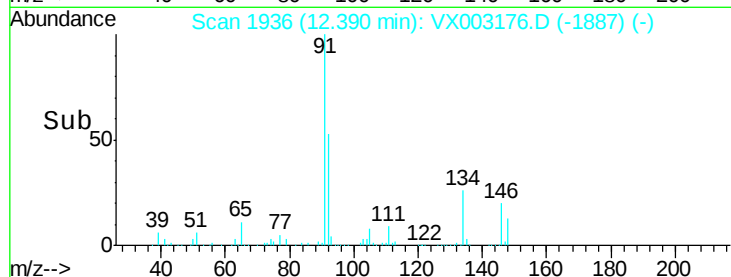
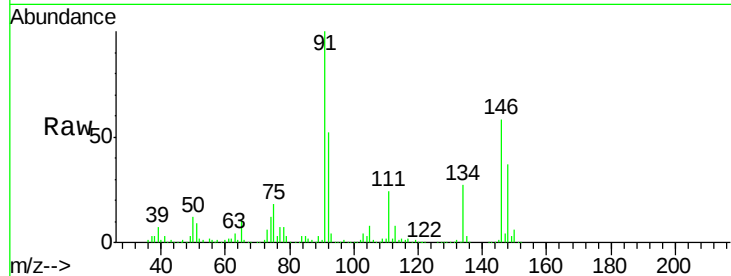
#89
n-Butylbenzene
Concen: 17.83 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	28.2	13.5	40.5

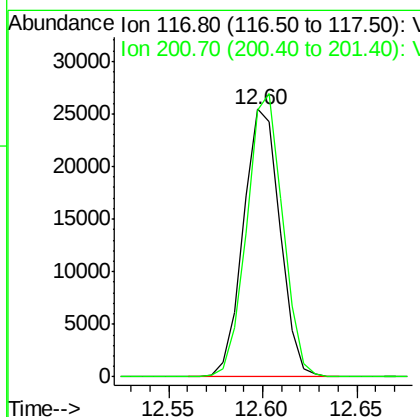
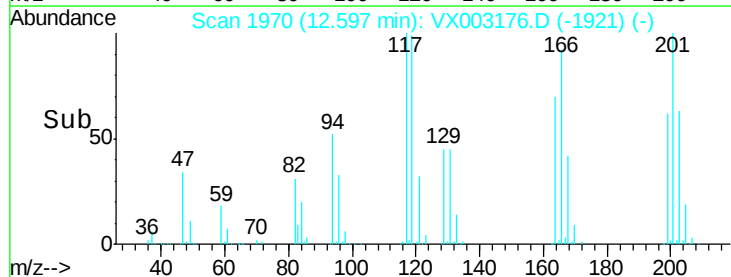
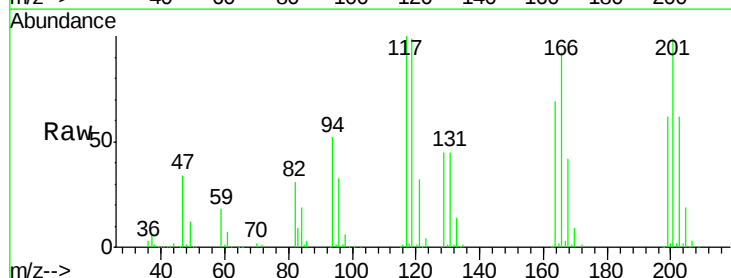
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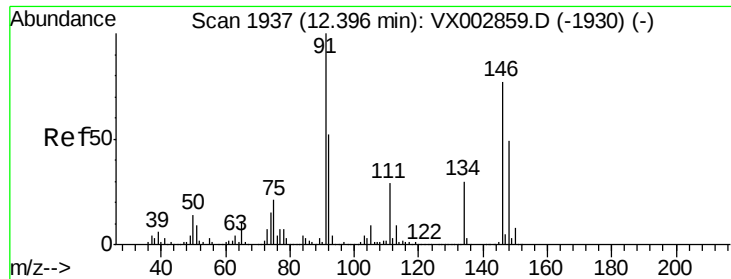
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#90
Hexachloroethane
Concen: 18.23 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003176.D
Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.0	49.0	147.0





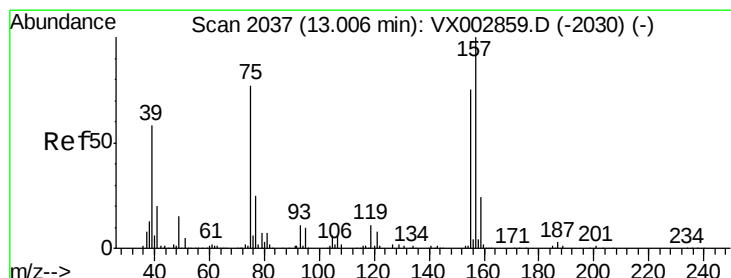
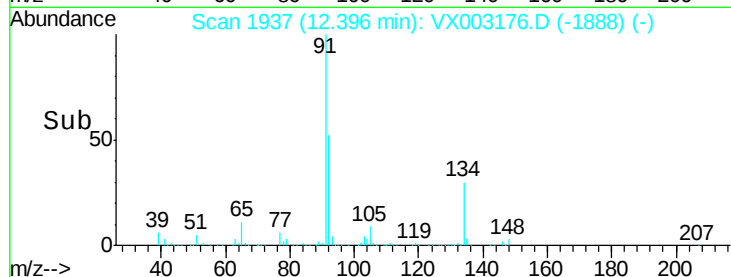
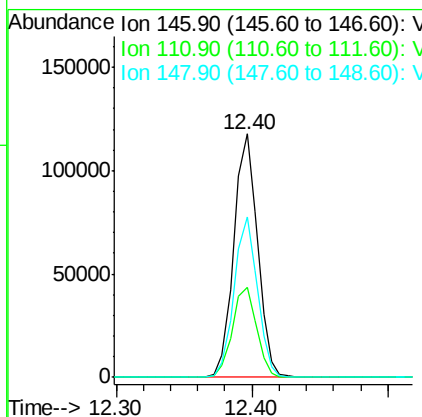
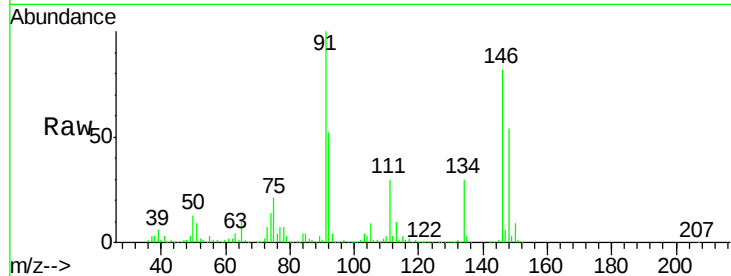
#91
 1,2-Dichlorobenzene
 Concen: 19.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.4	58.1
148	64.8	31.7	95.1

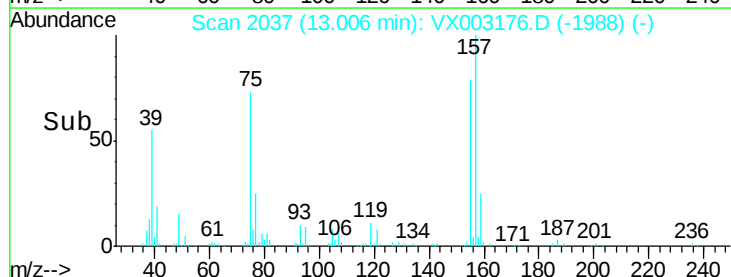
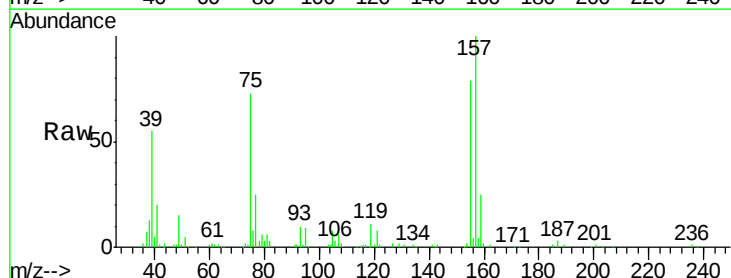
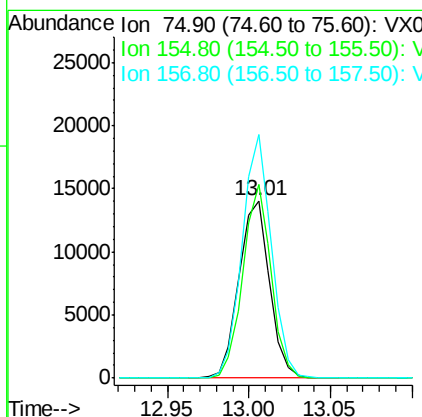
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.06 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	45.8	137.4
157	131.1	60.1	180.3





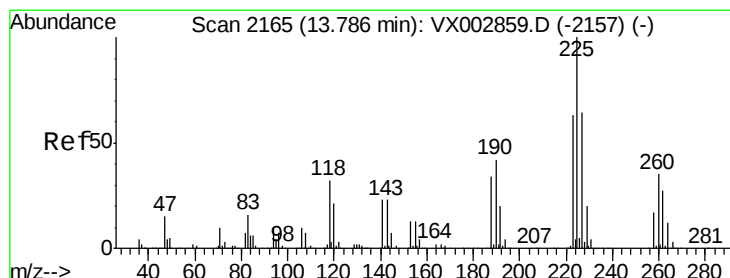
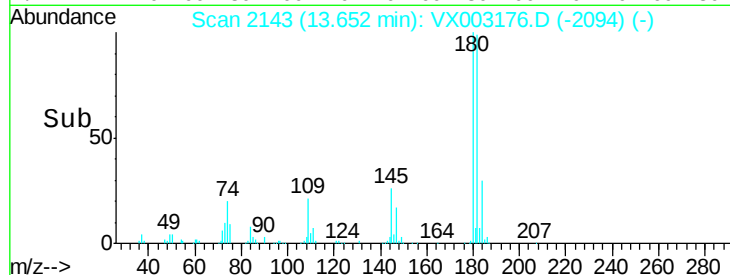
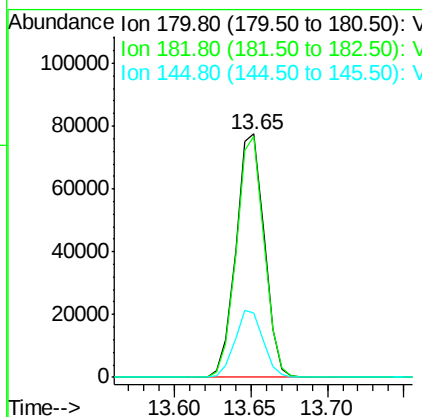
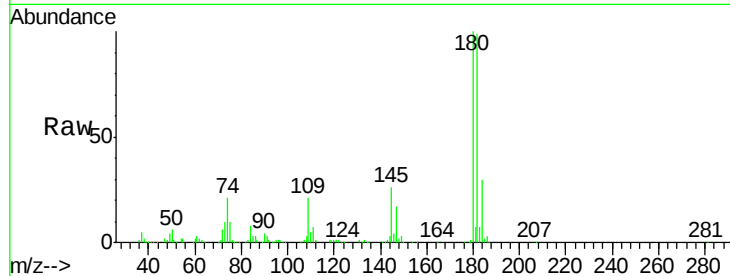
#93
 1,2,4-Trichlorobenzene
 Concen: 18.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	47.7	143.1	
145	27.5	14.1	42.4	

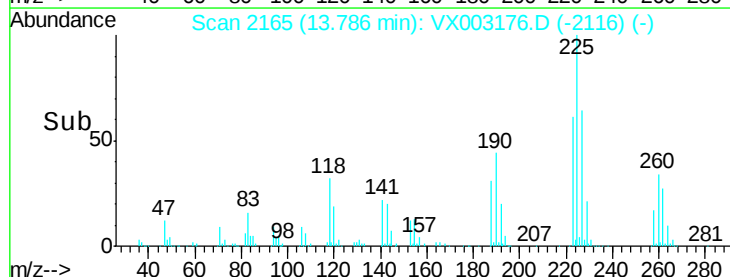
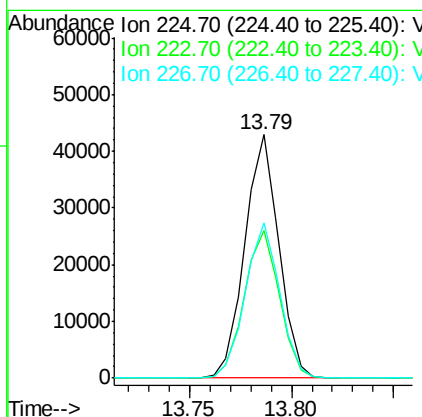
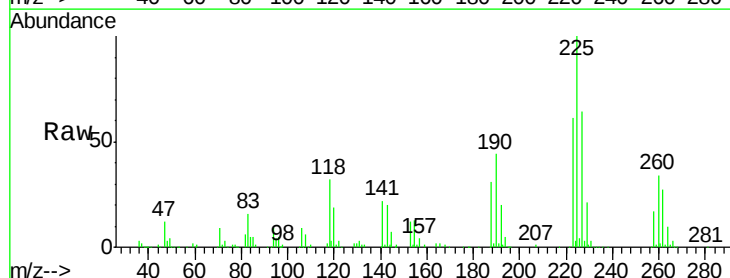
Manual Integrations
 APPROVED

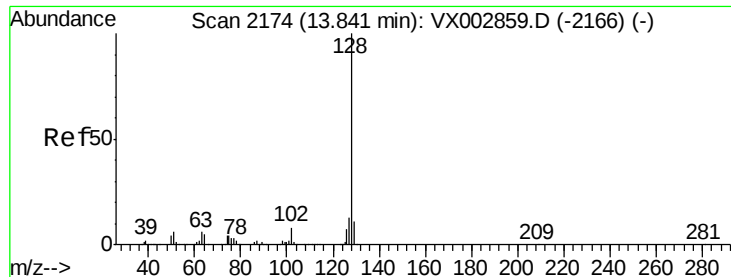
sam
 7/6/2018 4:20:21 PM



#94
 Hexachlorobutadiene
 Concen: 18.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003176.D
 Acq: 05 Jul 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.6	95.0	
227	64.1	32.4	97.2	





#95

Naphthalene

Concen: 19.79 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Instrument :

MSVOA_X

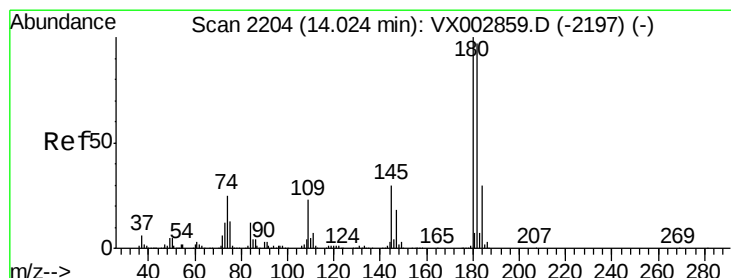
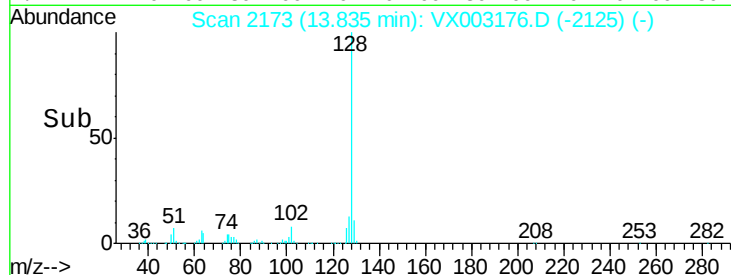
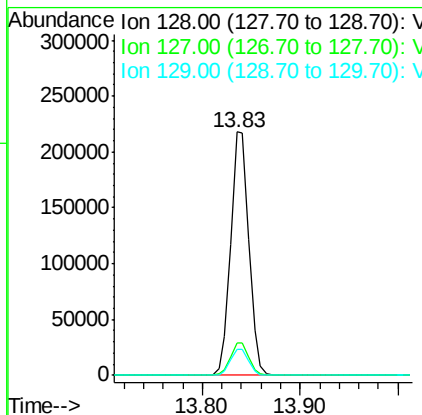
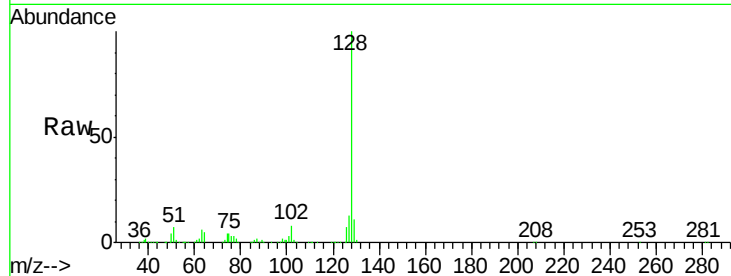
ClientSampleId :

VX0705WBSD02

Tot Ion:	128	Resp:	281380
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

sam
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#96

1,2,3-Trichlorobenzene

Concen: 20.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003176.D

Acq: 05 Jul 2018 17:00

Tgt Ion:	180	Resp:	107697
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.0
145	28.9	14.8	44.3

